

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033500.D
 Acq On : 20 Dec 2022 11:59
 Operator : JC/MD
 Sample : VX1220WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2022
 Supervised By : Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 04:13:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	124816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193008	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	35595	44.453	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	88.900%		
35) Dibromofluoromethane	5.385	113	41259	47.527	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.060%		
50) Toluene-d8	8.647	98	88265	48.603	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.200%		
62) 4-Bromofluorobenzene	11.079	95	70297	50.625	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	16686	19.137	ug/l	95
3) Chloromethane	1.294	50	17761	17.618	ug/l	97
4) Vinyl Chloride	1.374	62	20732	18.011	ug/l	93
5) Bromomethane	1.617	94	12825	15.182	ug/l	97
6) Chloroethane	1.691	64	14694	16.830	ug/l	98
7) Trichlorofluoromethane	1.892	101	33301	15.410	ug/l	98
8) Diethyl Ether	2.130	74	11185	14.330	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	22990	20.055	ug/l	99
10) Methyl Iodide	2.453	142	25140	20.024	ug/l	97
11) Tert butyl alcohol	2.995	59	20506	83.762	ug/l	98
12) 1,1-Dichloroethene	2.319	96	19419	17.161	ug/l	97
13) Acrolein	2.239	56	17768	66.920	ug/l	97
14) Allyl chloride	2.666	41	34503	19.094	ug/l	96
15) Acrylonitrile	3.068	53	57271	94.440	ug/l	100
16) Acetone	2.386	43	63155	106.586	ug/l	99
17) Carbon Disulfide	2.514	76	48304	16.632	ug/l	98
18) Methyl Acetate	2.703	43	33916	19.773	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	79786	20.356	ug/l	100
20) Methylene Chloride	2.788	84	25550	19.335	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	25094	20.273	ug/l	95
22) Diisopropyl ether	3.757	45	78215	20.202	ug/l	91
23) Vinyl Acetate	3.721	43	293679	97.729	ug/l	99
24) 1,1-Dichloroethane	3.611	63	45013	19.787	ug/l	99
25) 2-Butanone	4.562	43	83462	98.130	ug/l	96
26) 2,2-Dichloropropane	4.477	77	36771	21.981	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	29838	20.170	ug/l	96
28) Bromochloromethane	4.903	49	18145	19.055	ug/l	93
29) Tetrahydrofuran	5.013	42	51193	92.900	ug/l	98
30) Chloroform	5.092	83	52391	20.745	ug/l	98
31) Cyclohexane	5.470	56	37466	19.688	ug/l	92
32) 1,1,1-Trichloroethane	5.385	97	46116	21.224	ug/l	98
36) 1,1-Dichloropropene	5.690	75	36267	21.428	ug/l	99
37) Ethyl Acetate	4.708	43	30908	19.318	ug/l	98
38) Carbon Tetrachloride	5.678	117	40409	21.309	ug/l	98
39) Methylcyclohexane	7.379	83	41125	21.708	ug/l	98
40) Benzene	6.037	78	104312	21.138	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	17757	20.141	ug/l	98
42) 1,2-Dichloroethane	6.086	62	41806	21.334	ug/l	99
43) Isopropyl Acetate	6.336	43	51415	19.973	ug/l	98
44) Trichloroethene	7.123	130	29964	22.023	ug/l	93
45) 1,2-Dichloropropane	7.427	63	26626	21.097	ug/l	100
46) Dibromomethane	7.580	93	19994	20.796	ug/l	97
47) Bromodichloromethane	7.818	83	39872	21.275	ug/l	98
48) Methyl methacrylate	7.690	41	26715	20.108	ug/l	94
49) 1,4-Dioxane	7.690	88	11578	382.161	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	166989	102.577	ug/l	98
52) Toluene	8.720	92	69752	21.861	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	39093	20.950	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	42141	21.131	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	29412	21.929	ug/l	97
56) Ethyl methacrylate	9.116	69	39745	21.047	ug/l	92
57) 1,3-Dichloropropane	9.305	76	46767	21.706	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	85131	98.526	ug/l	98
59) 2-Hexanone	9.427	43	127393	106.189	ug/l	96
60) Dibromochloromethane	9.518	129	31121	21.060	ug/l	98
61) 1,2-Dibromoethane	9.610	107	30112	21.107	ug/l	100
64) Tetrachloroethene	9.275	164	26679	21.761	ug/l	95
65) Chlorobenzene	10.079	112	77737	21.411	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	29683	21.634	ug/l	99
67) Ethyl Benzene	10.195	91	138705	21.929	ug/l	97
68) m/p-Xylenes	10.299	106	109030	44.305	ug/l	97
69) o-Xylene	10.640	106	52711	21.670	ug/l	96
70) Styrene	10.652	104	87702	22.014	ug/l	98
71) Bromoform	10.799	173	22398	20.624	ug/l #	100
73) Isopropylbenzene	10.963	105	139710	20.615	ug/l	99
74) N-amyl acetate	10.841	43	44274	19.147	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	42109	19.585	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	37993m	19.972	ug/l	
77) Bromobenzene	11.195	156	35016	20.461	ug/l	96
78) n-propylbenzene	11.305	91	160491	21.208	ug/l	100
79) 2-Chlorotoluene	11.366	91	95422	20.404	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	118091	20.933	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	10346	16.918	ug/l	95
82) 4-Chlorotoluene	11.457	91	113014	20.782	ug/l	98
83) tert-Butylbenzene	11.713	119	115720	20.570	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	117950	20.945	ug/l	99
85) sec-Butylbenzene	11.890	105	142521	21.714	ug/l	99
86) p-Isopropyltoluene	12.012	119	121943	21.549	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	65418	21.102	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	66572	21.023	ug/l	99
89) n-Butylbenzene	12.335	91	99549	21.479	ug/l	99
90) Hexachloroethane	12.536	117	18809	19.554	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	64786	20.903	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8064	17.364	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	38524	20.581	ug/l	98
94) Hexachlorobutadiene	13.725	225	17410	23.227	ug/l	98
95) Naphthalene	13.774	128	124413	19.926	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	38759	20.445	ug/l	99

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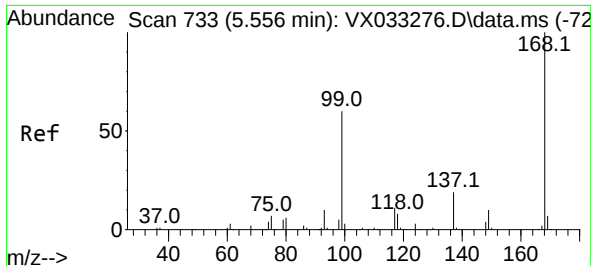
Manual Integrations
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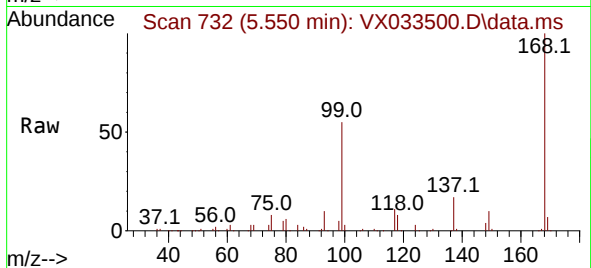
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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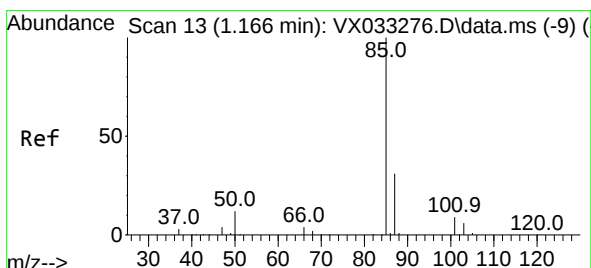
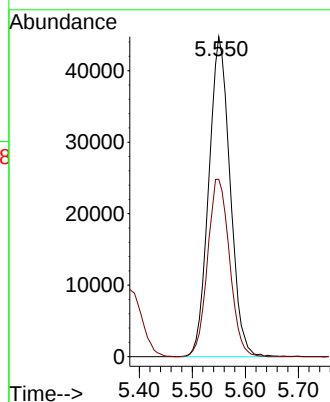
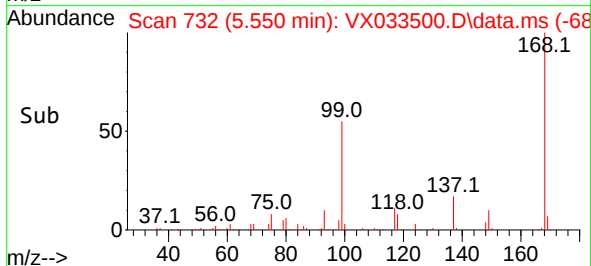
Instrument :
MSVOA_X
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Tgt Ion:168 Resp: 124810
Ion Ratio Lower Upper
168 100
99 55.5 46.1 69.1

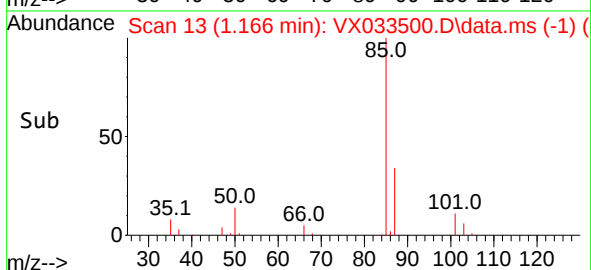
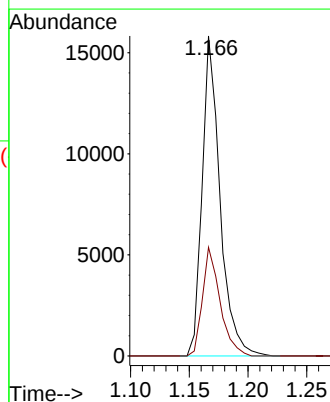
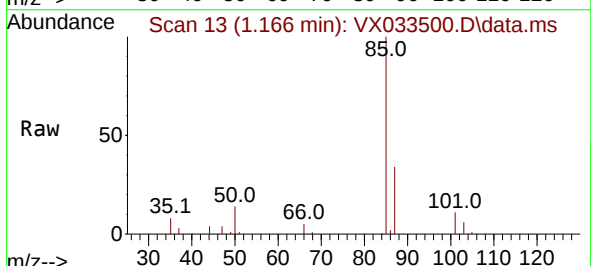
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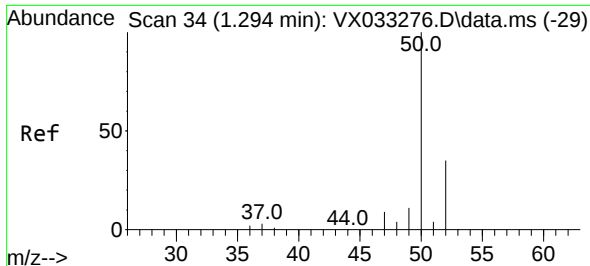
Reviewed By :John Carlone 12/21/2022
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#2
Dichlorodifluoromethane
Concen: 19.137 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

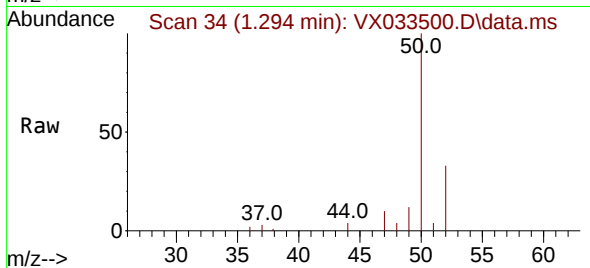
Tgt Ion: 85 Resp: 16686
Ion Ratio Lower Upper
85 100
87 34.0 15.6 46.7





#3
Chloromethane
Concen: 17.618 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

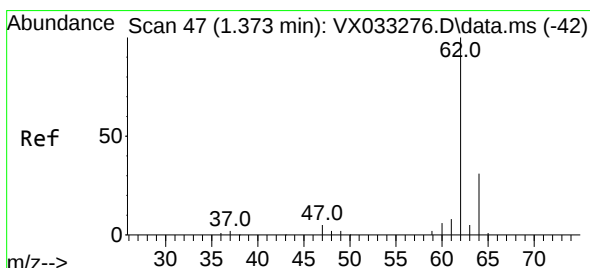
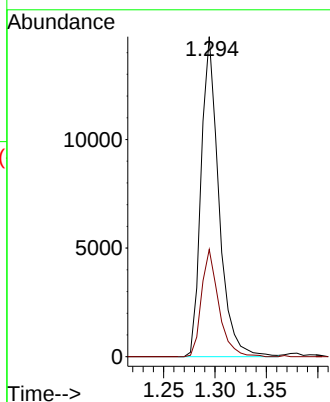
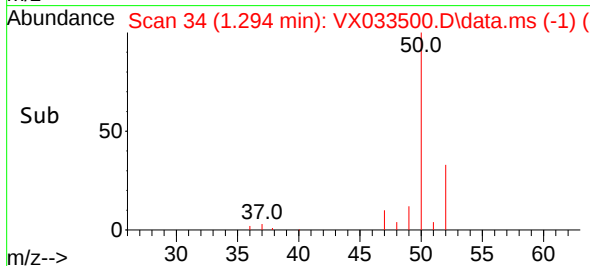
Instrument :
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ClientSampleId :
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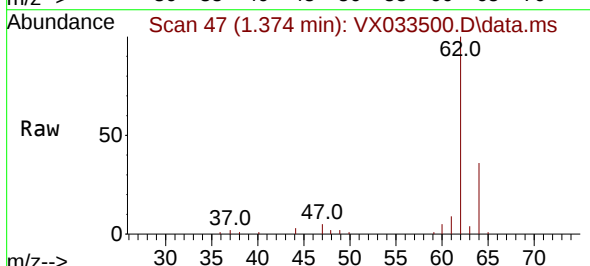
Tgt Ion: 50 Resp: 1776
Ion Ratio Lower Upper
50 100
52 33.5 25.4 38.2

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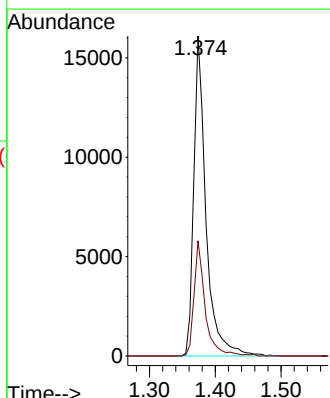
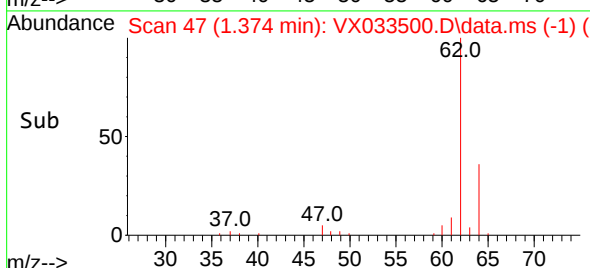
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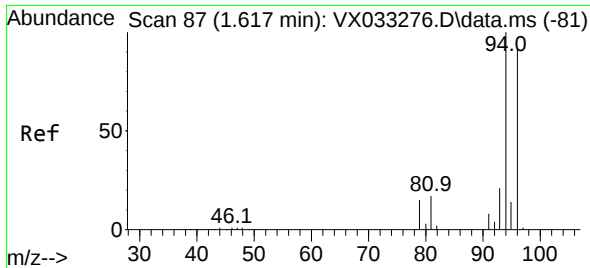


#4
Vinyl Chloride
Concen: 18.011 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59



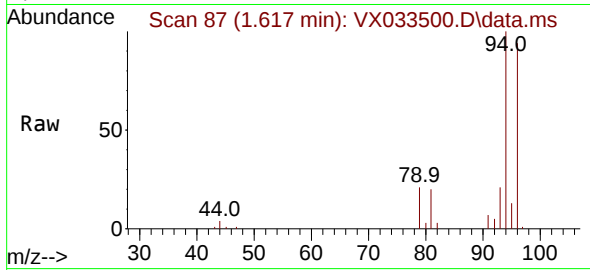
Tgt Ion: 62 Resp: 20732
Ion Ratio Lower Upper
62 100
64 36.0 25.8 38.6





#5
Bromomethane
Concen: 15.182 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

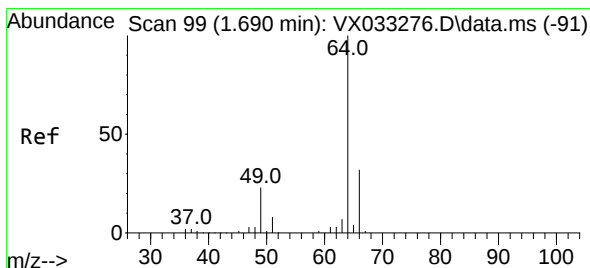
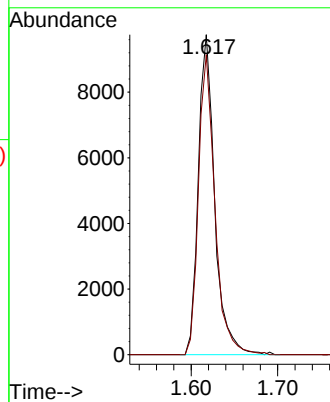
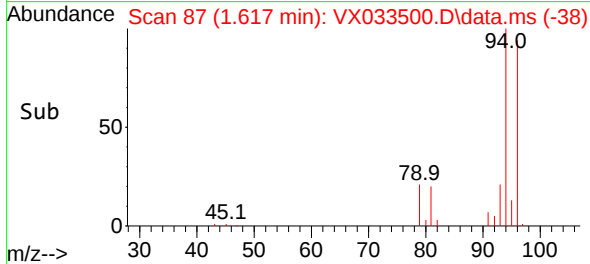
Instrument :
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Tgt Ion: 94 Resp: 1282
Ion Ratio Lower Upper
94 100
96 93.8 77.6 116.4

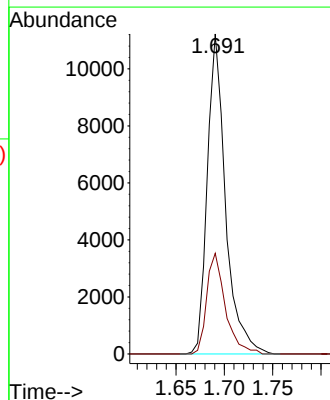
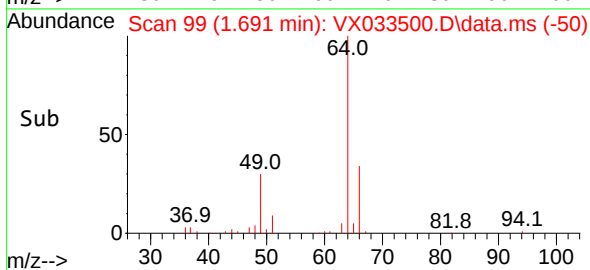
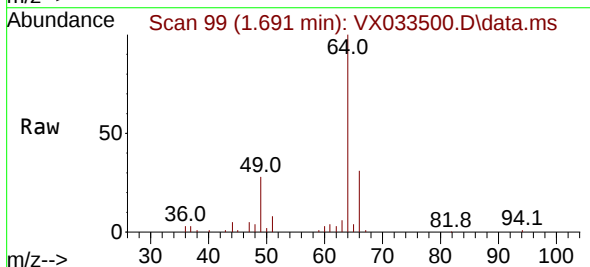
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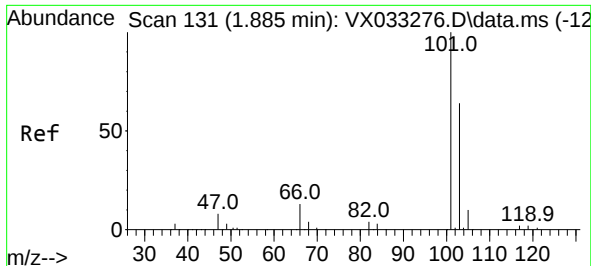
Reviewed By :John Carlone 12/21/2022
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#6
Chloroethane
Concen: 16.830 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
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Acq: 20 Dec 2022 11:59

Tgt Ion: 64 Resp: 14694
Ion Ratio Lower Upper
64 100
66 31.5 26.0 39.0





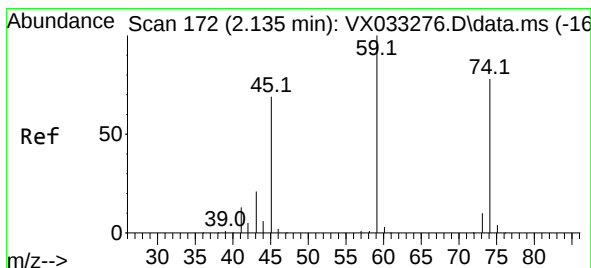
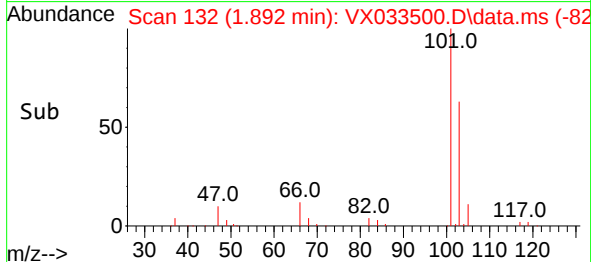
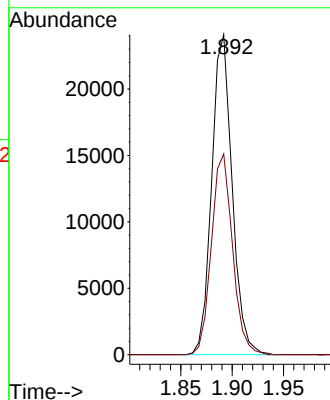
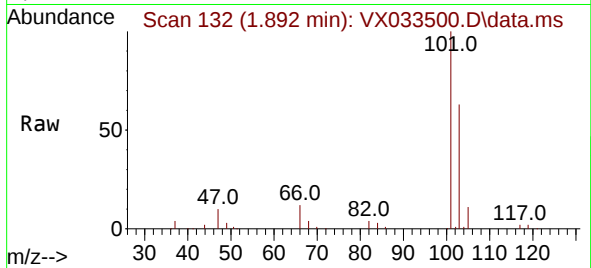
#7
Trichlorofluoromethane
Concen: 15.410 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
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ClientSampleId :
VX1220WBS01

Tgt Ion:101 Resp: 3330
Ion Ratio Lower Upper
101 100
103 62.7 51.4 77.2

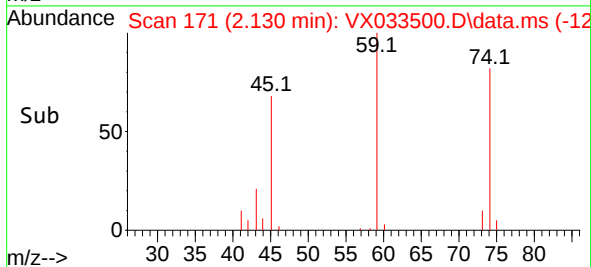
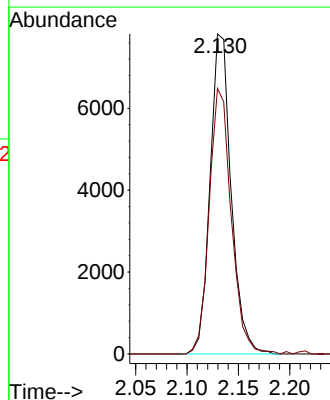
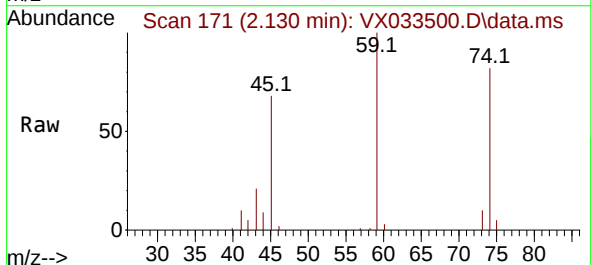
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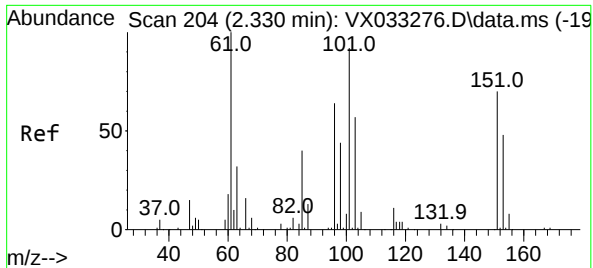
Reviewed By :John Carlone 12/21/2022
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#8
Diethyl Ether
Concen: 14.330 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 11185
Ion Ratio Lower Upper
74 100
45 86.6 46.6 139.7





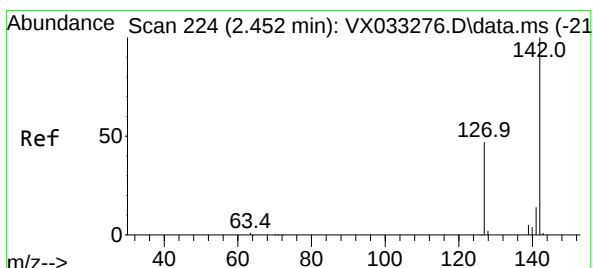
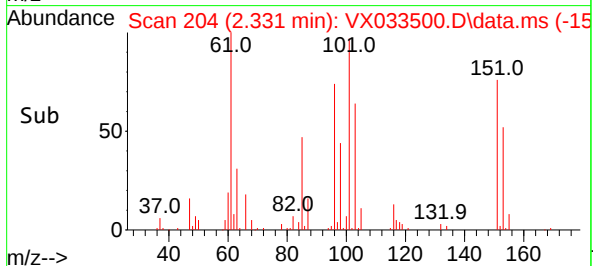
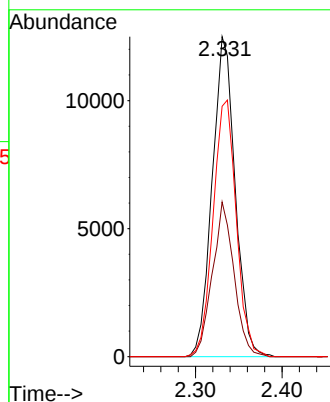
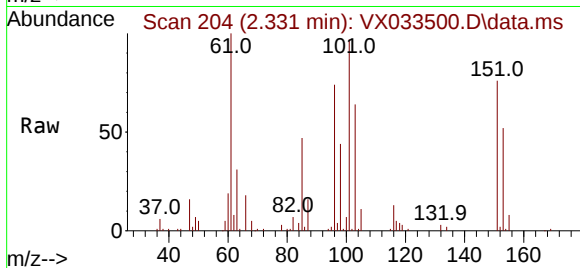
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.055 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion:101 Resp: 22990
Ion Ratio Lower Upper
101 100
85 45.6 37.0 55.4
151 81.2 64.4 96.6

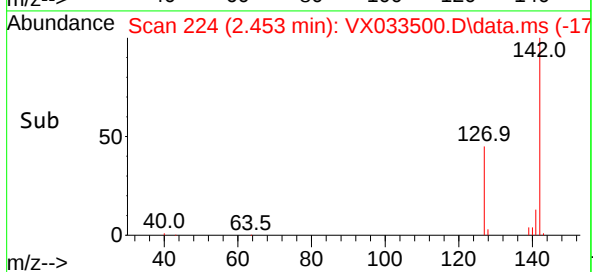
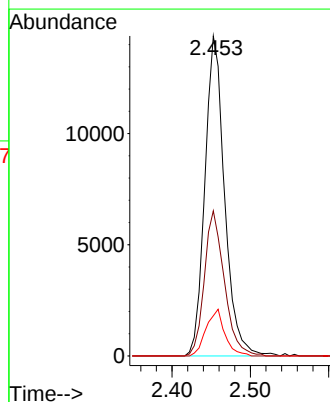
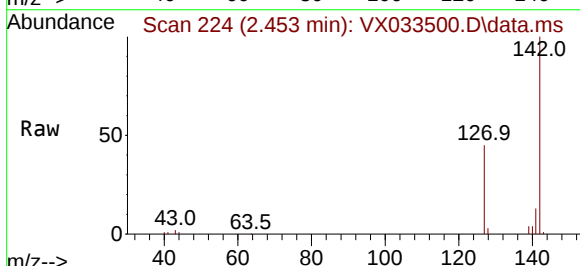
Manual Integrations
APPROVED

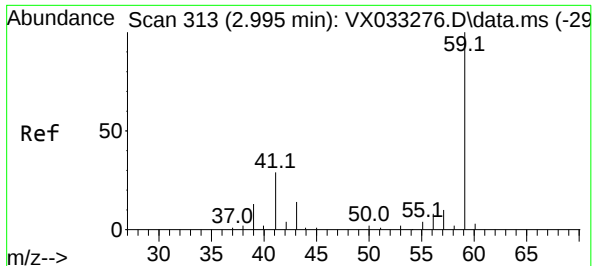
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#10
Methyl Iodide
Concen: 20.024 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

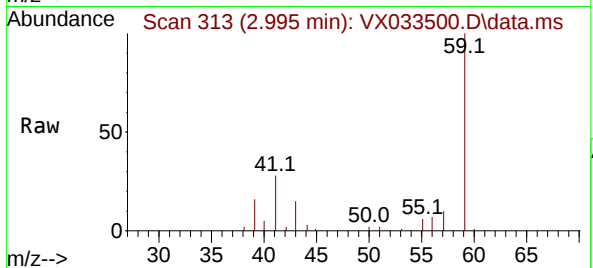
Tgt Ion:142 Resp: 25140
Ion Ratio Lower Upper
142 100
127 45.9 38.6 57.8
141 13.9 11.4 17.2





#11
Tert butyl alcohol
Concen: 83.762 ug/l
RT: 2.995 min Scan# 313
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

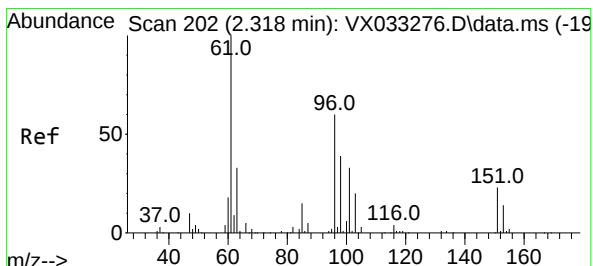
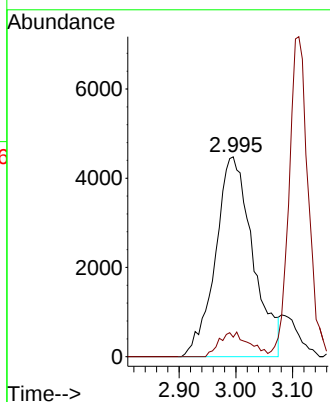
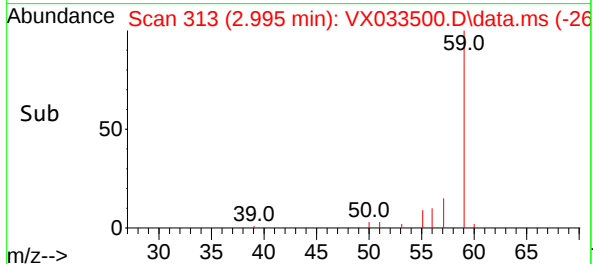
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



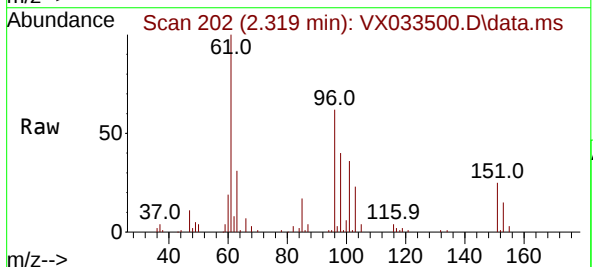
Tgt Ion: 59 Resp: 20500
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.4

Manual Integrations
APPROVED

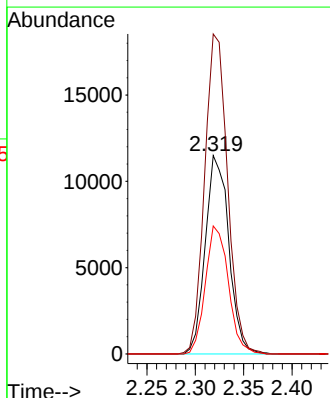
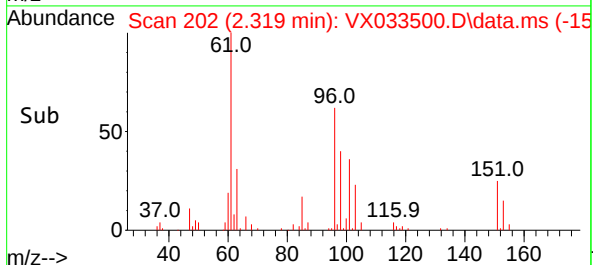
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

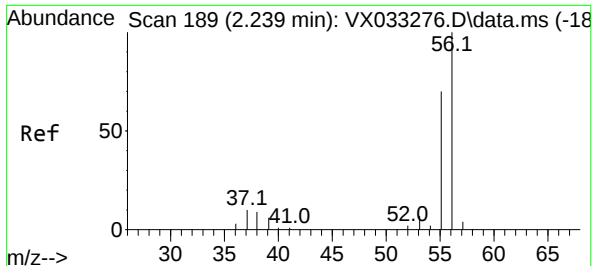


#12
1,1-Dichloroethene
Concen: 17.161 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59



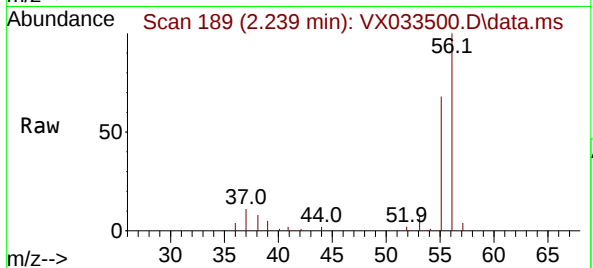
Tgt Ion: 96 Resp: 19419
Ion Ratio Lower Upper
96 100
61 161.2 125.1 187.7
98 64.5 50.6 76.0





#13
Acrolein
Concen: 66.920 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

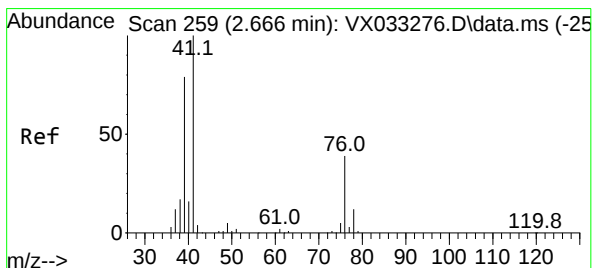
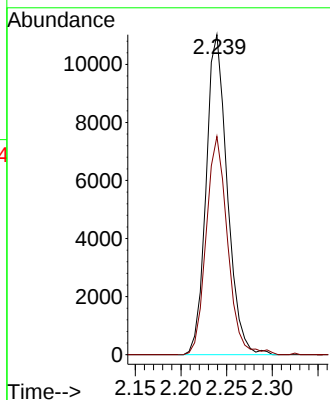
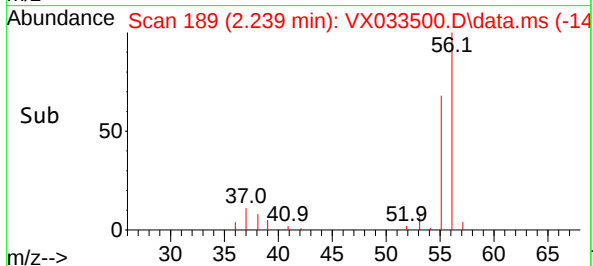
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



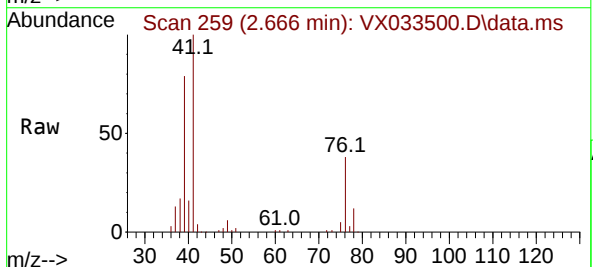
Tgt Ion: 56 Resp: 17768
Ion Ratio Lower Upper
56 100
55 69.0 56.9 85.3

Manual Integrations
APPROVED

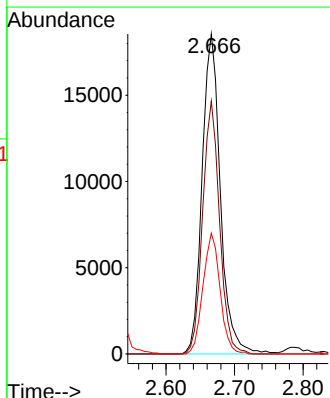
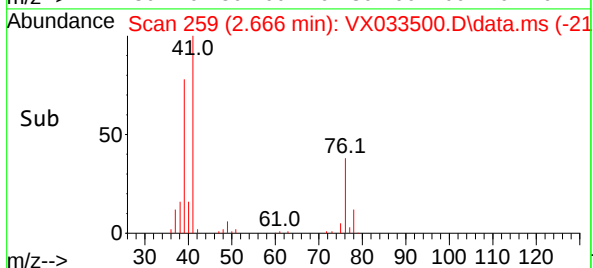
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

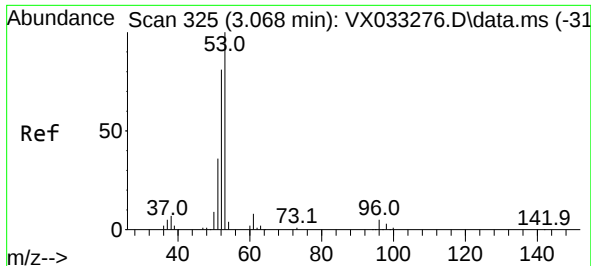


#14
Allyl chloride
Concen: 19.094 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59



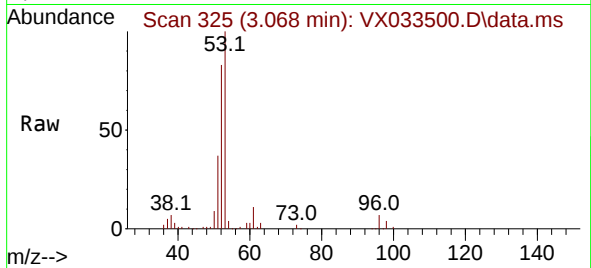
Tgt Ion: 41 Resp: 34503
Ion Ratio Lower Upper
41 100
39 73.0 61.4 92.2
76 35.3 29.2 43.8





#15
Acrylonitrile
Concen: 94.440 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

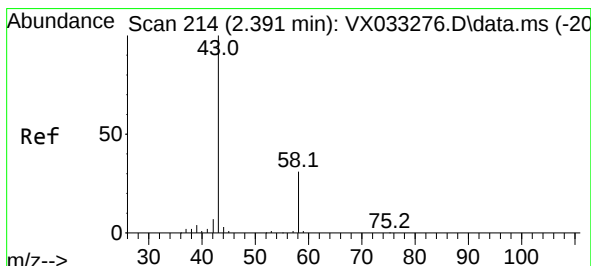
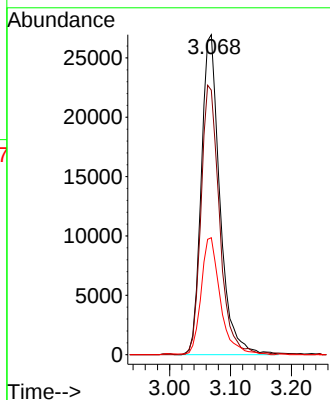
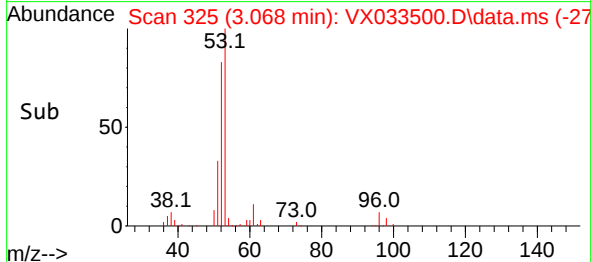
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



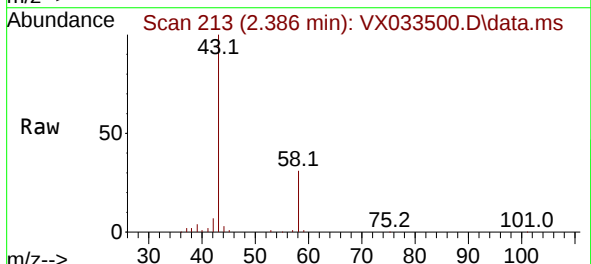
Tgt Ion: 53 Resp: 5727
Ion Ratio Lower Upper
53 100
52 84.1 67.4 101.0
51 37.7 30.3 45.5

Manual Integrations
APPROVED

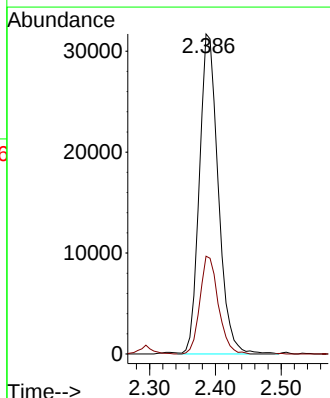
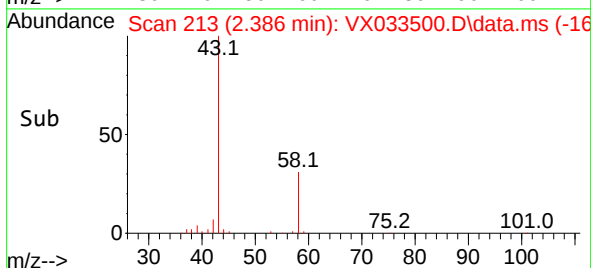
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

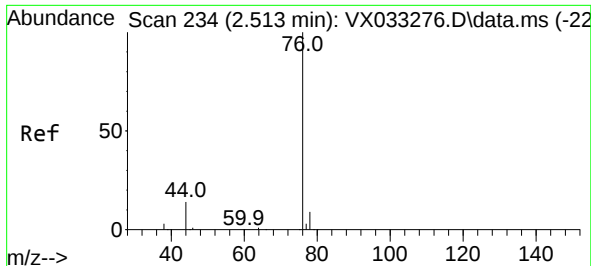


#16
Acetone
Concen: 106.586 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59



Tgt Ion: 43 Resp: 63155
Ion Ratio Lower Upper
43 100
58 30.5 23.8 35.8





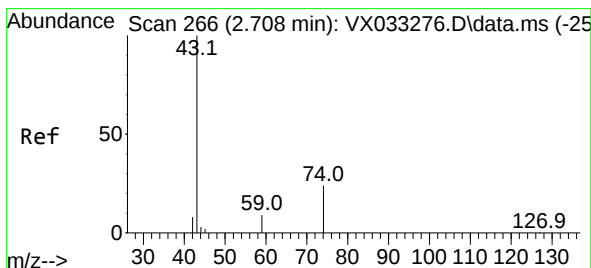
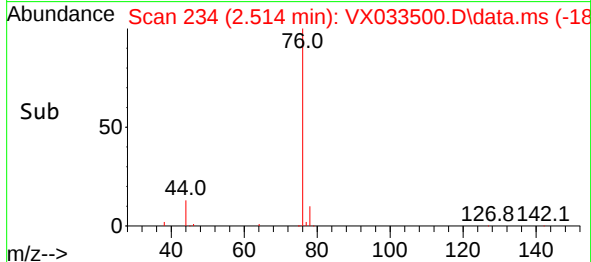
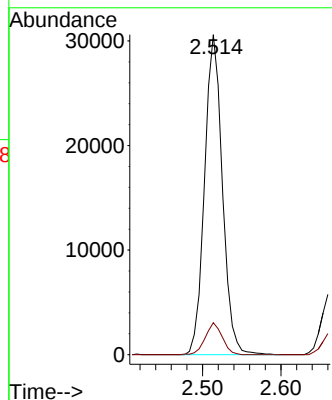
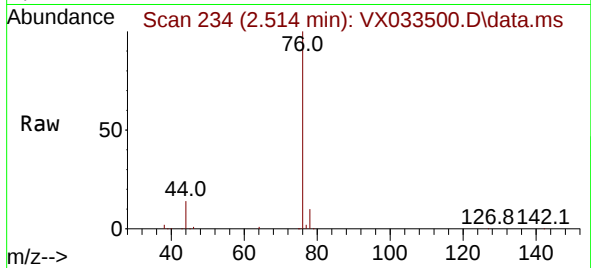
#17
Carbon Disulfide
Concen: 16.632 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 76 Resp: 48304
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3

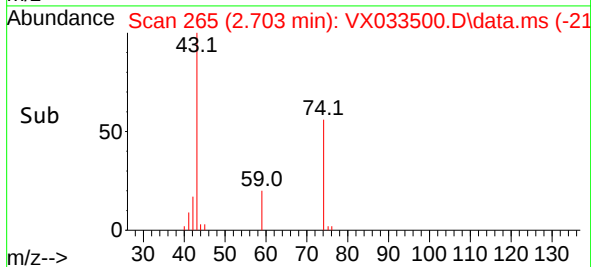
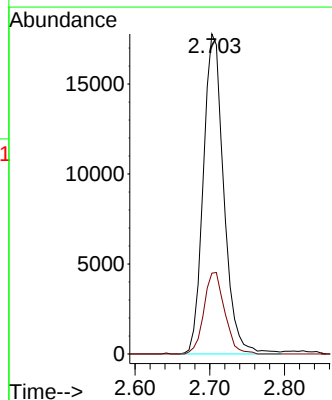
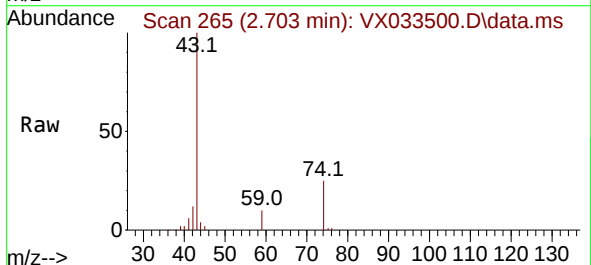
Manual Integrations
APPROVED

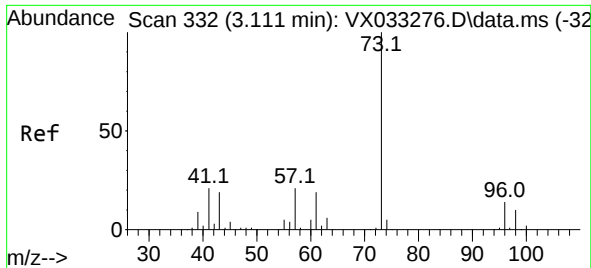
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#18
Methyl Acetate
Concen: 19.773 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion: 43 Resp: 33916
Ion Ratio Lower Upper
43 100
74 25.7 19.4 29.0





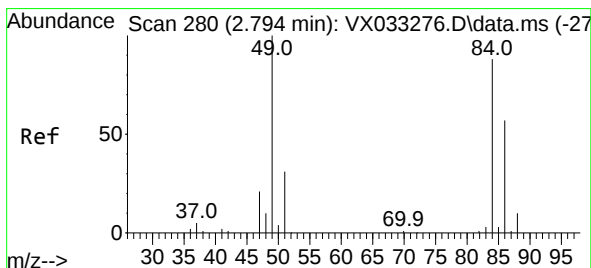
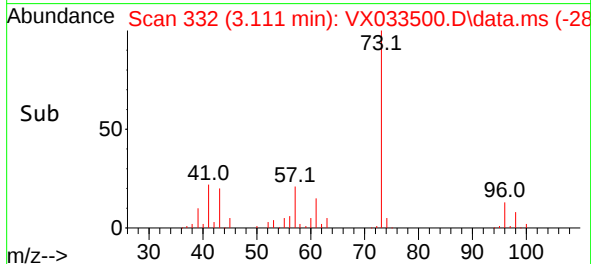
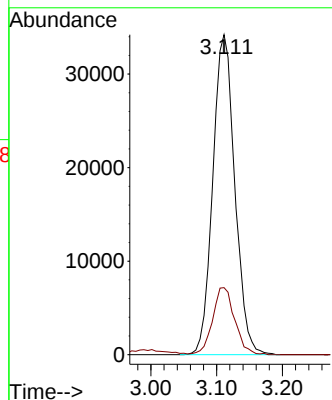
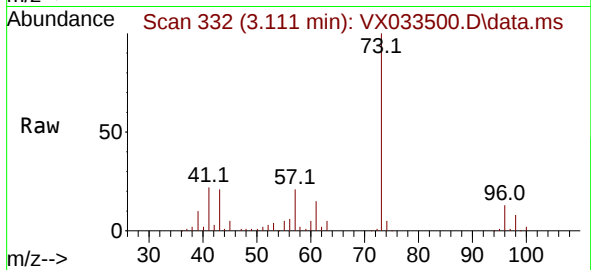
#19
Methyl tert-butyl Ether
Concen: 20.356 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 73 Resp: 79780
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0

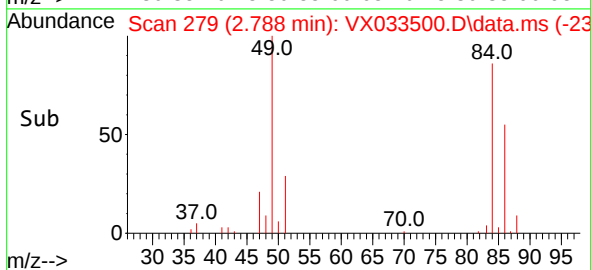
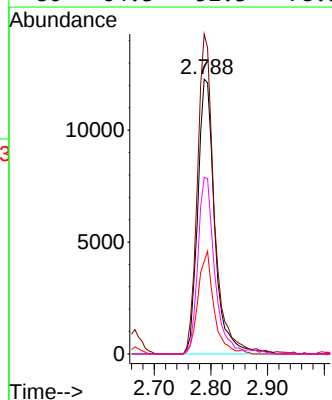
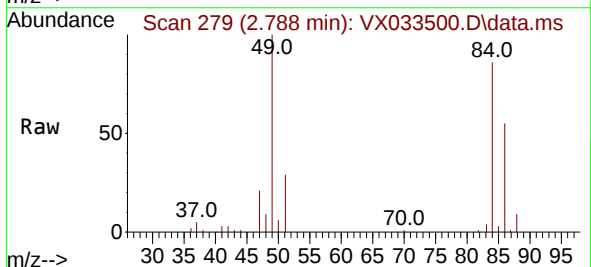
Manual Integrations
APPROVED

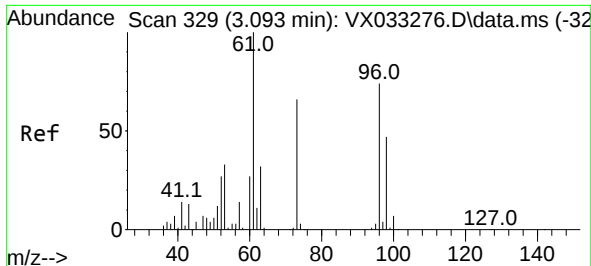
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#20
Methylene Chloride
Concen: 19.335 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

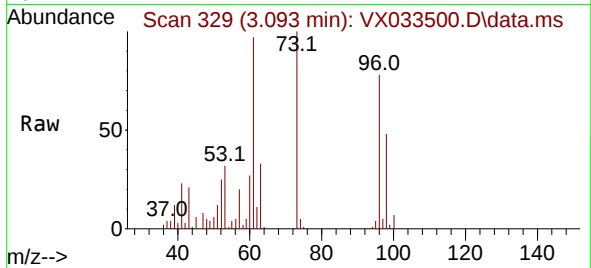
Tgt Ion: 84 Resp: 25550
Ion Ratio Lower Upper
84 100
49 116.5 101.0 151.6
51 33.7 31.1 46.7
86 64.3 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 20.273 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

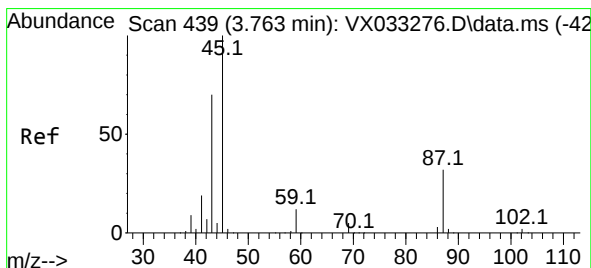
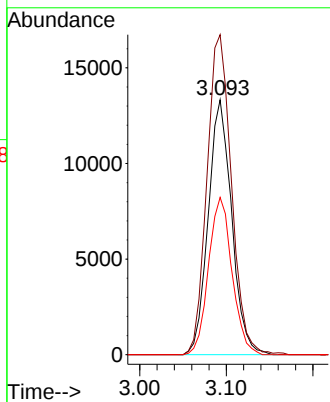
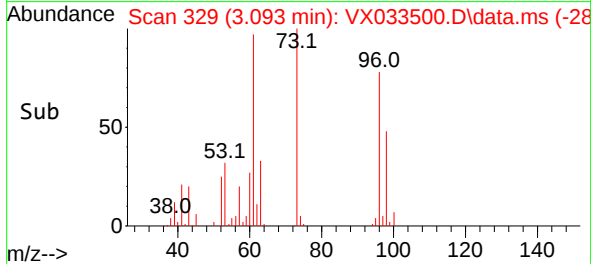
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



Tgt Ion: 96 Resp: 25094
Ion Ratio Lower Upper
96 100
61 125.6 106.6 160.0
98 61.7 51.0 76.6

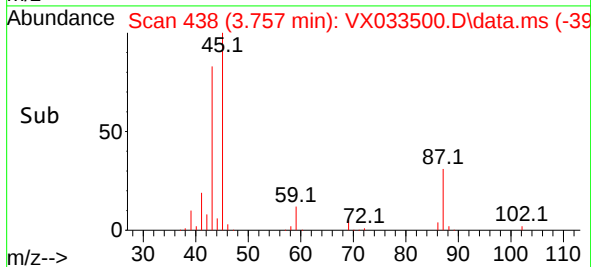
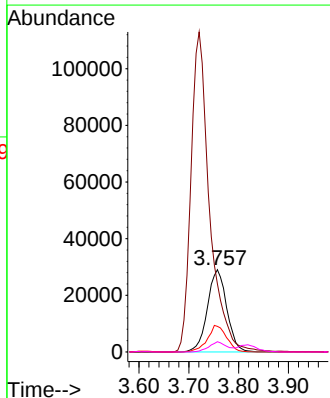
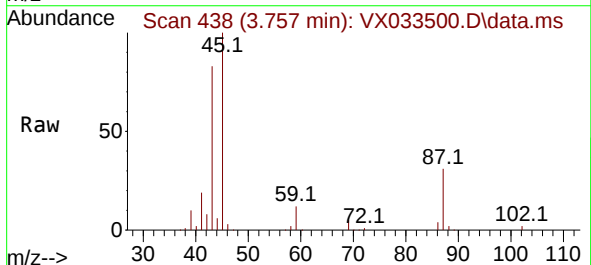
Manual Integrations
APPROVED

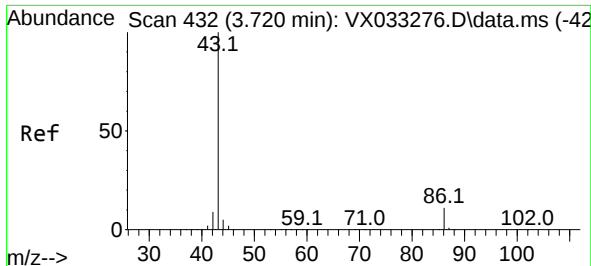
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#22
Diisopropyl ether
Concen: 20.202 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion: 45 Resp: 78215
Ion Ratio Lower Upper
45 100
43 81.9 56.4 84.6
87 31.1 24.4 36.6
59 12.4 9.5 14.3





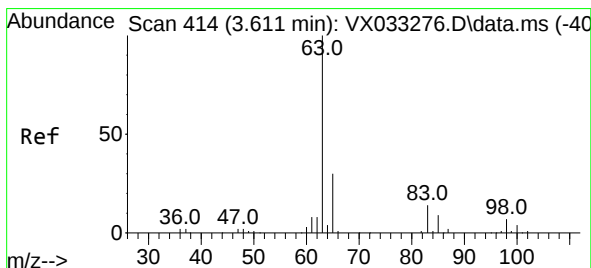
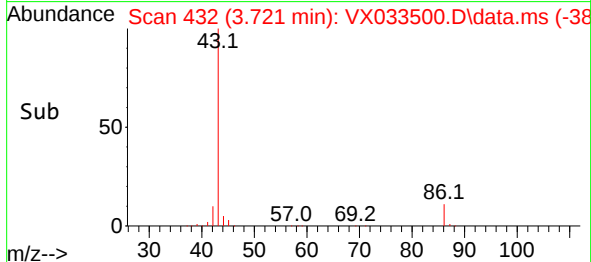
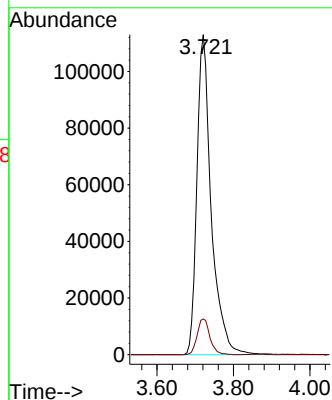
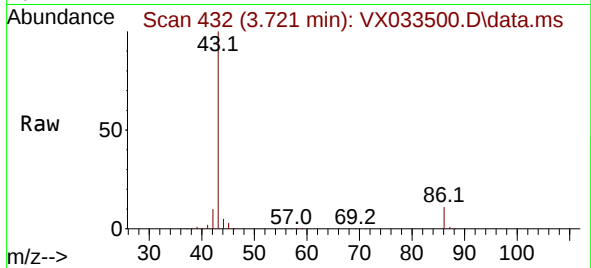
#23
 Vinyl Acetate
 Concen: 97.729 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033500.D
 Acq: 20 Dec 2022 11:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01

Tgt Ion: 43 Resp: 293679
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.6 12.8

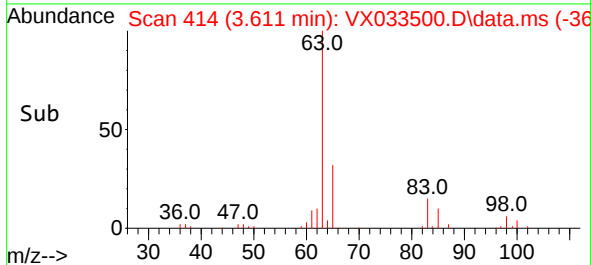
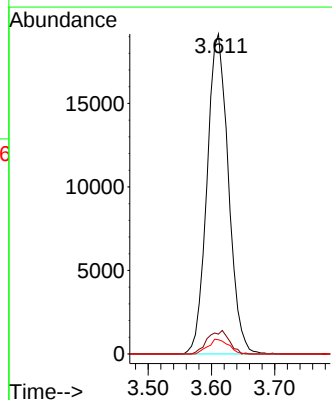
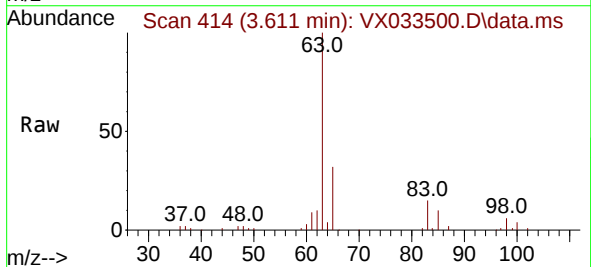
Manual Integrations
 APPROVED

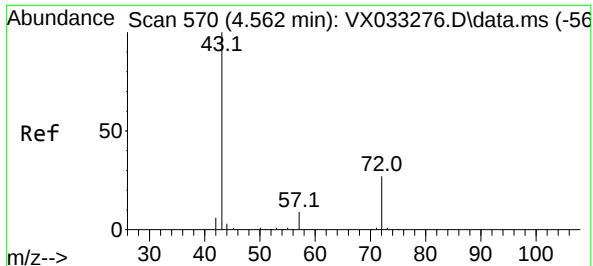
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#24
 1,1-Dichloroethane
 Concen: 19.787 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033500.D
 Acq: 20 Dec 2022 11:59

Tgt Ion: 63 Resp: 45013
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 98.130 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tgt Ion: 43 Resp: 83462

Ion Ratio Lower Upper

43 100

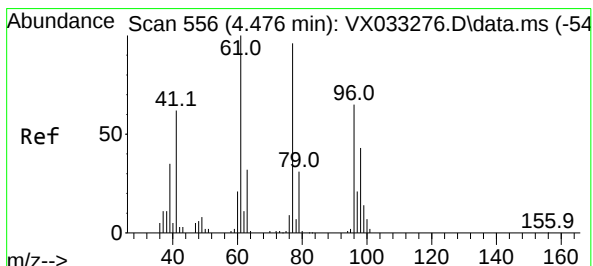
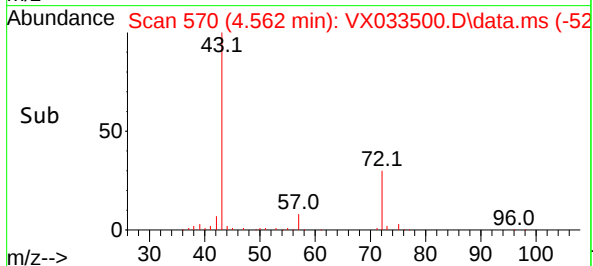
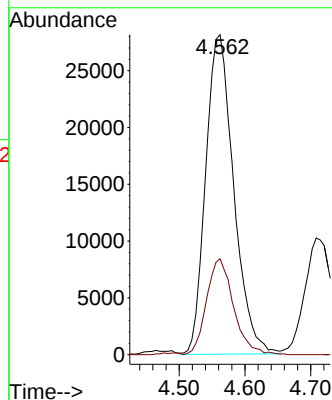
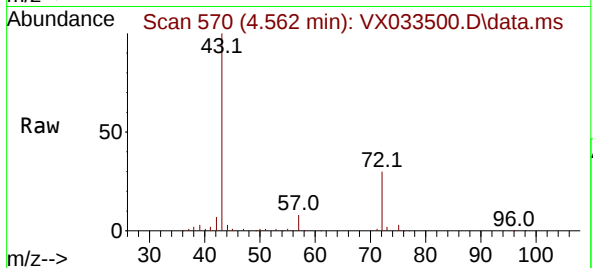
72 29.9 22.2 33.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#26

2,2-Dichloropropane

Concen: 21.981 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.000 min

Lab File: VX033500.D

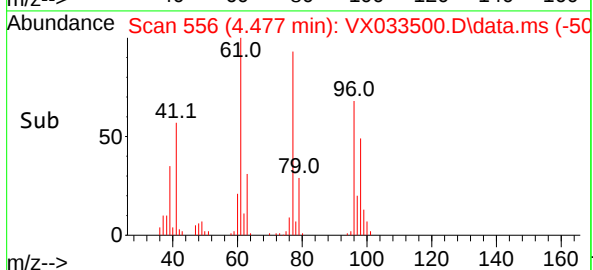
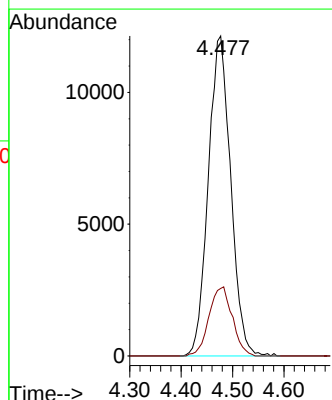
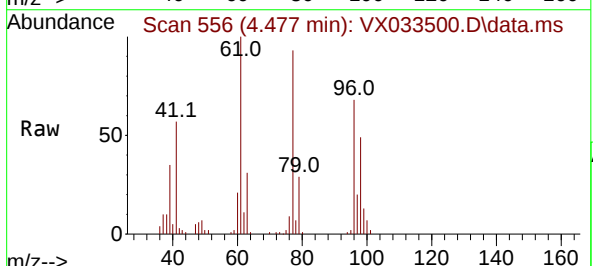
Acq: 20 Dec 2022 11:59

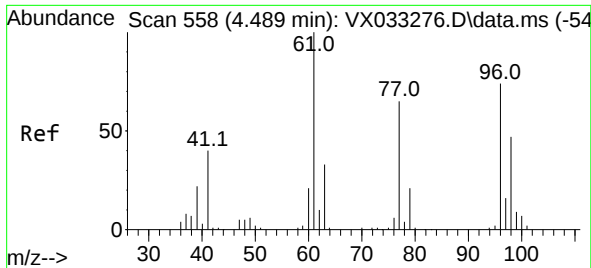
Tgt Ion: 77 Resp: 36771

Ion Ratio Lower Upper

77 100

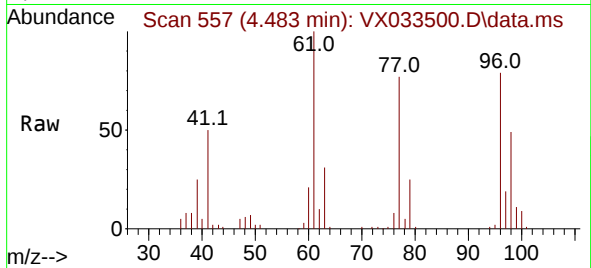
97 22.5 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 20.170 ug/l
 RT: 4.483 min Scan# 558
 Delta R.T. -0.006 min
 Lab File: VX033500.D
 Acq: 20 Dec 2022 11:59

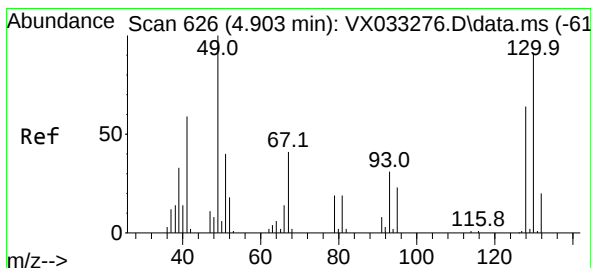
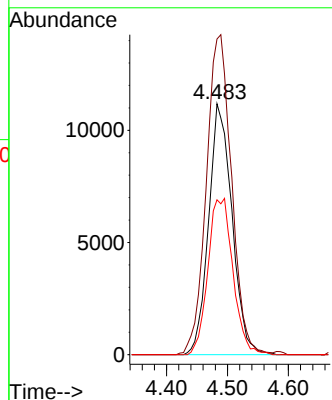
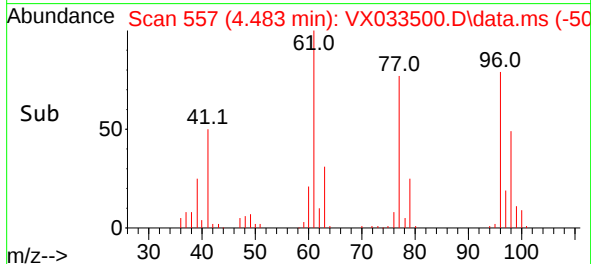
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01



Tgt Ion: 96 Resp: 29838
 Ion Ratio Lower Upper
 96 100
 61 137.7 0.0 286.0
 98 66.6 0.0 129.6

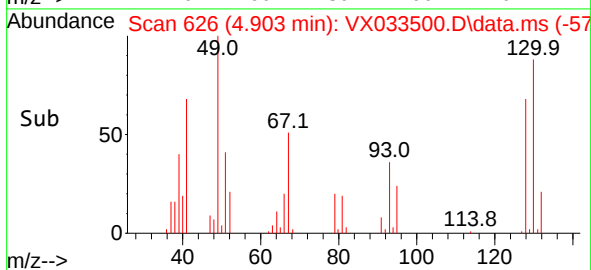
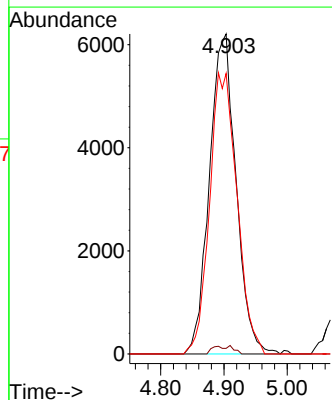
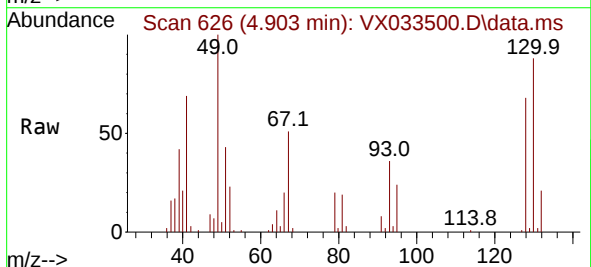
Manual Integrations
 APPROVED

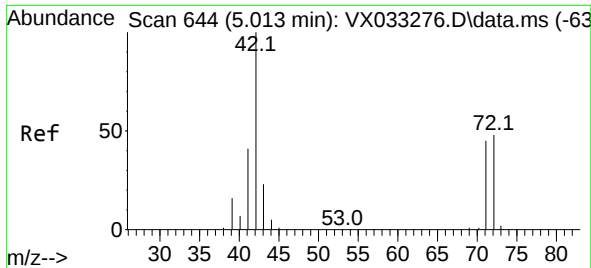
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#28
 Bromochloromethane
 Concen: 19.055 ug/l
 RT: 4.903 min Scan# 626
 Delta R.T. 0.000 min
 Lab File: VX033500.D
 Acq: 20 Dec 2022 11:59

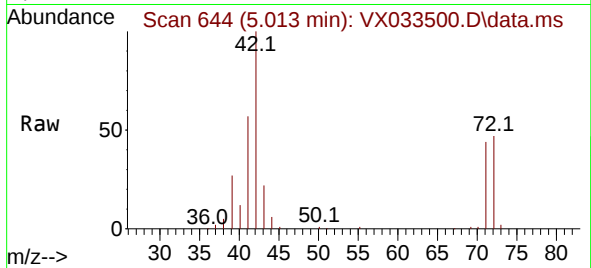
Tgt Ion: 49 Resp: 18145
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 3.8
 130 90.5 67.5 101.3





#29
Tetrahydrofuran
Concen: 92.900 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

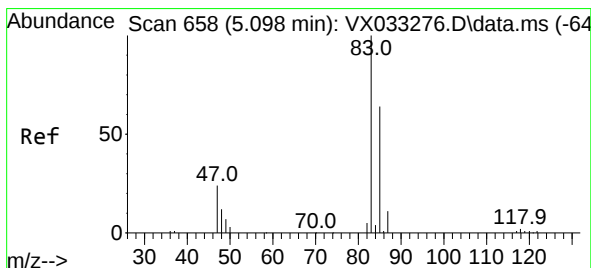
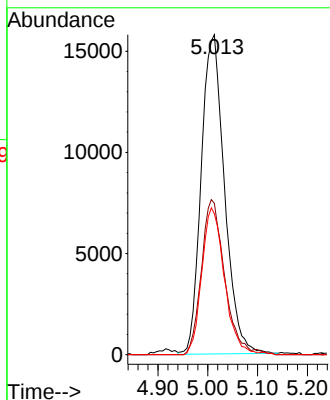
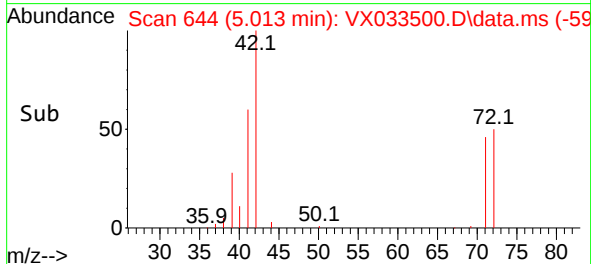
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



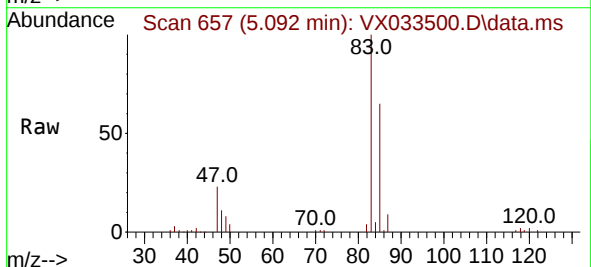
Tgt Ion: 42 Resp: 5119
Ion Ratio Lower Upper
42 100
72 48.6 37.6 56.4
71 44.6 34.7 52.1

Manual Integrations
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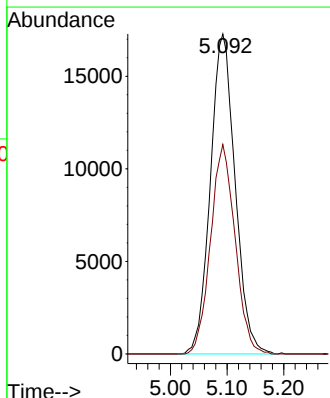
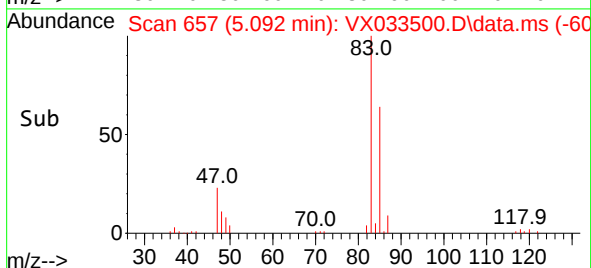
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

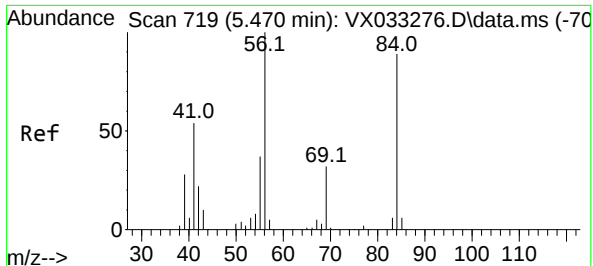


#30
Chloroform
Concen: 20.745 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59



Tgt Ion: 83 Resp: 52391
Ion Ratio Lower Upper
83 100
85 65.5 51.1 76.7





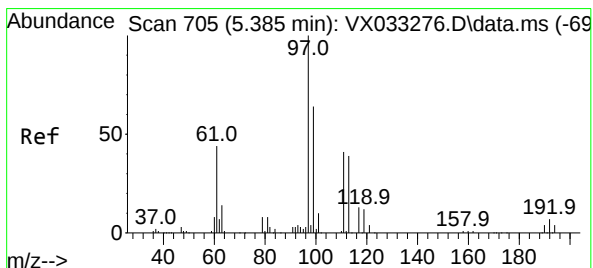
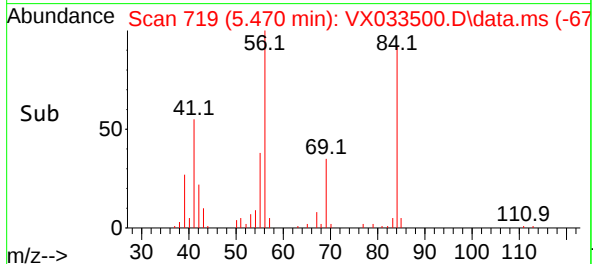
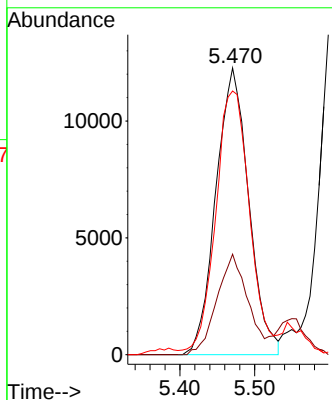
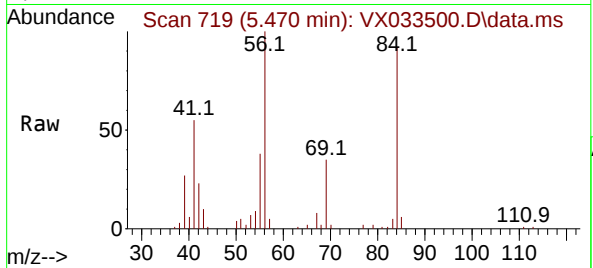
#31
Cyclohexane
Concen: 19.688 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 56 Resp: 3746
Ion Ratio Lower Upper
56 100
69 35.0 24.1 36.1
84 90.5 66.9 100.3

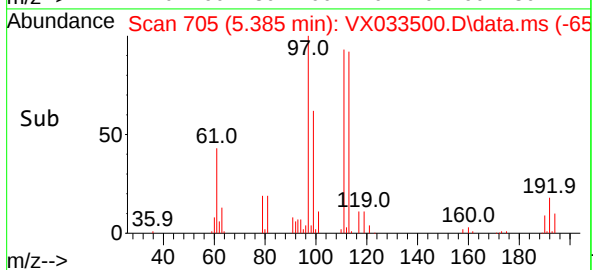
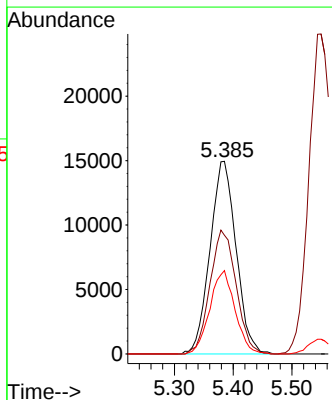
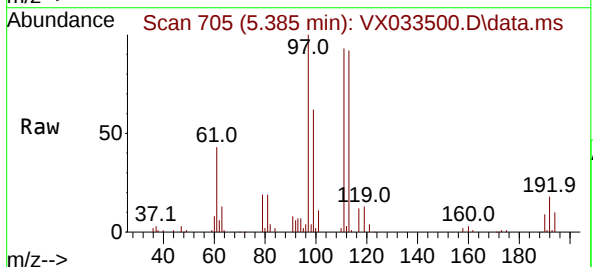
Manual Integrations
APPROVED

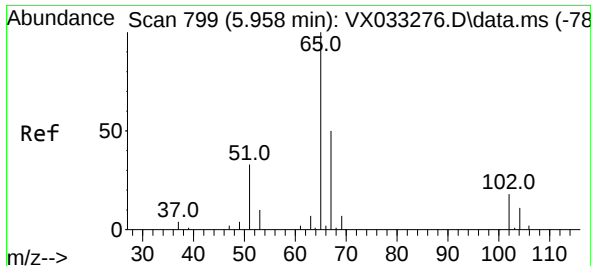
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#32
1,1,1-Trichloroethane
Concen: 21.224 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion: 97 Resp: 46116
Ion Ratio Lower Upper
97 100
99 64.5 51.4 77.0
61 41.8 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.453 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tgt Ion: 65 Resp: 3559

Ion Ratio Lower Upper

65 100

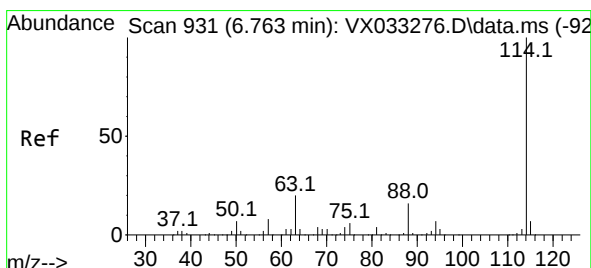
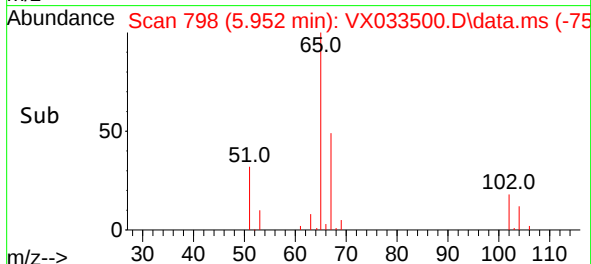
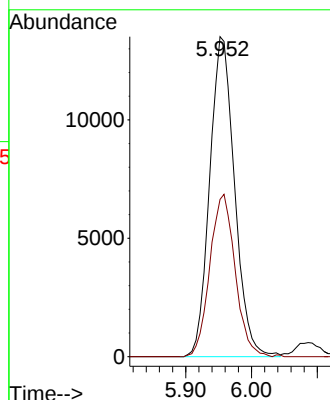
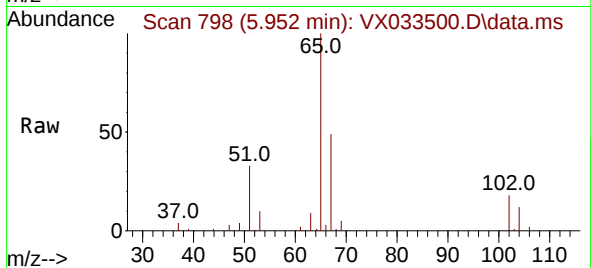
67 51.5 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

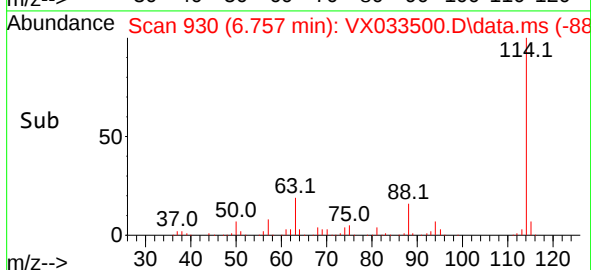
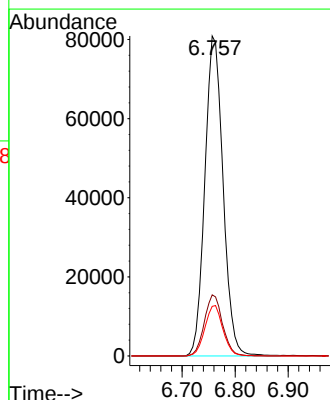
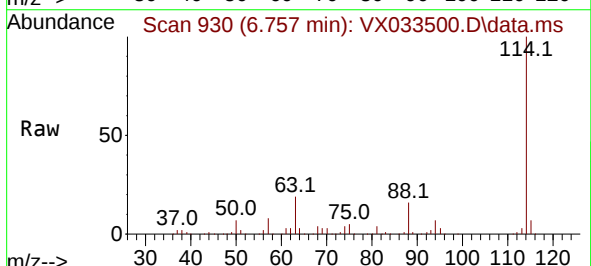
Tgt Ion:114 Resp: 193008

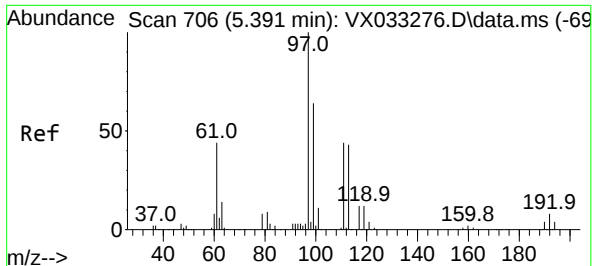
Ion Ratio Lower Upper

114 100

63 19.1 0.0 41.6

88 15.5 0.0 33.4





#35

Dibromofluoromethane

Concen: 47.527 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

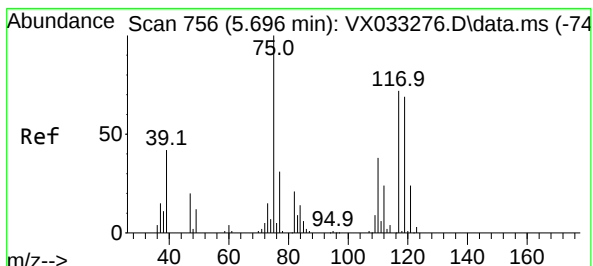
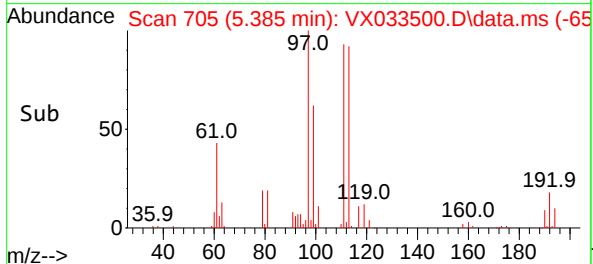
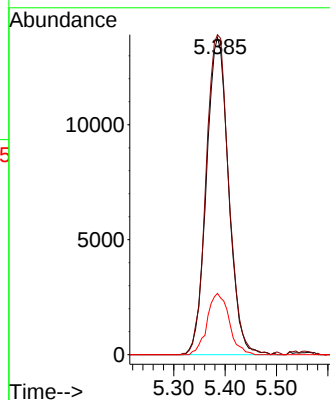
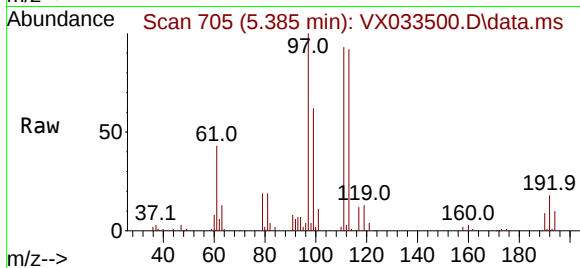
Tgt Ion:	113	Resp:	41259
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.4	123.6
192	19.2	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#36

1,1-Dichloropropene

Concen: 21.428 ug/l

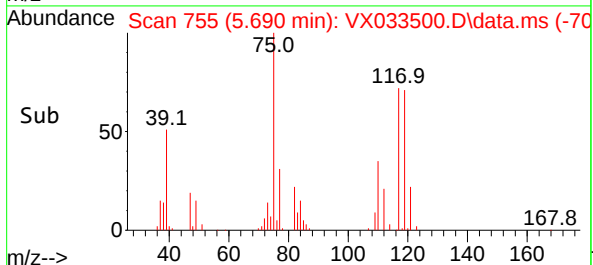
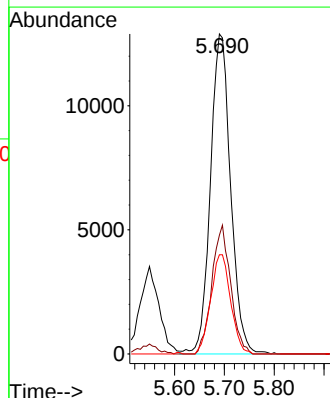
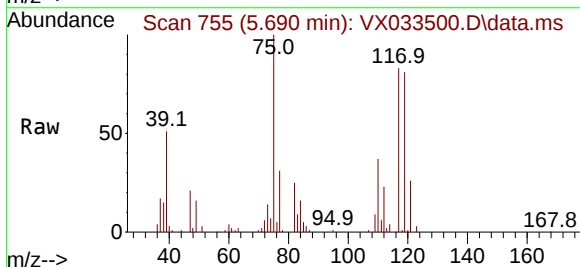
RT: 5.690 min Scan# 755

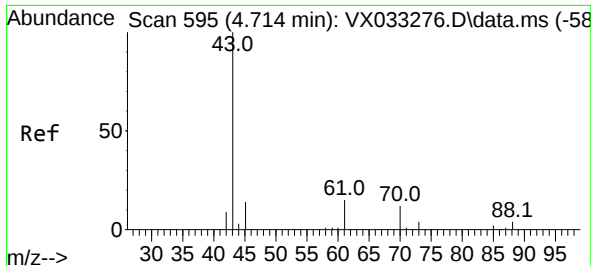
Delta R.T. -0.006 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Tgt Ion:	75	Resp:	36267
Ion	Ratio	Lower	Upper
75	100		
110	37.4	18.4	55.2
77	30.6	24.5	36.7





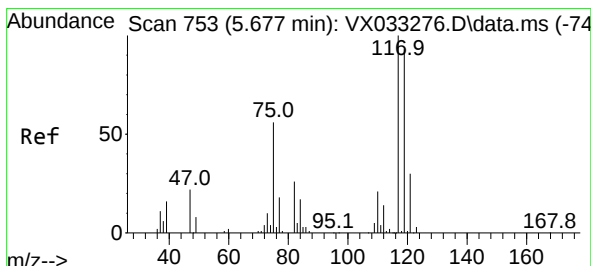
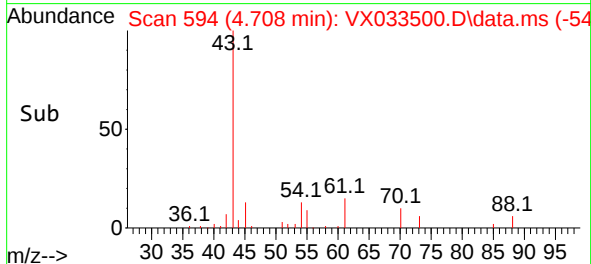
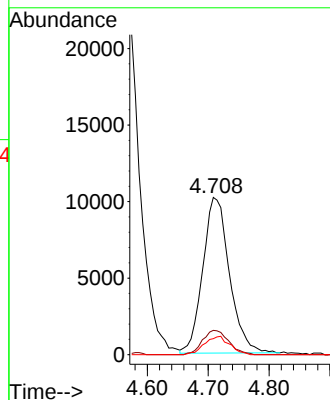
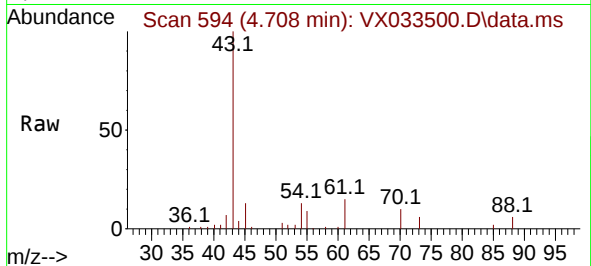
#37
Ethyl Acetate
Concen: 19.318 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 43 Resp: 30908
Ion Ratio Lower Upper
43 100
61 15.4 11.5 17.3
70 11.2 9.1 13.7

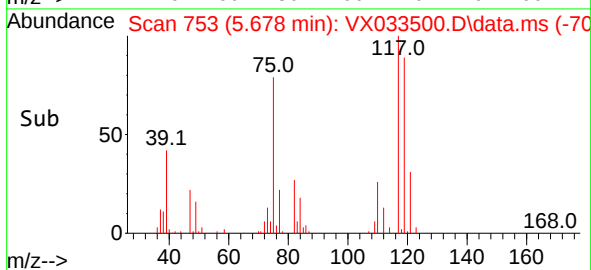
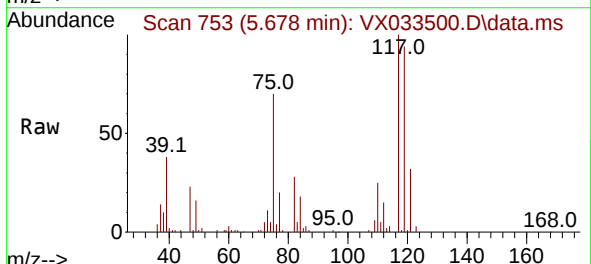
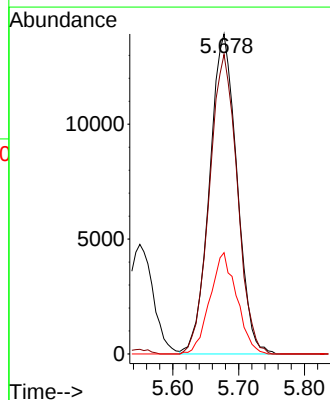
Manual Integrations
APPROVED

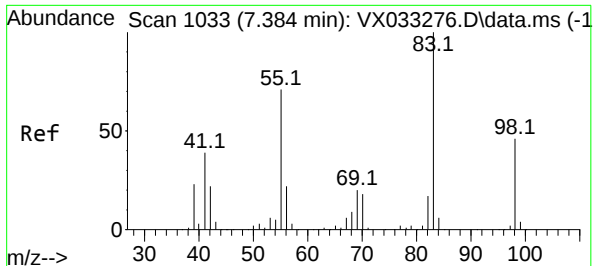
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#38
Carbon Tetrachloride
Concen: 21.309 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion:117 Resp: 40409
Ion Ratio Lower Upper
117 100
119 93.6 77.2 115.8
121 31.7 25.8 38.6





#39

Methylcyclohexane

Concen: 21.708 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tgt Ion: 83 Resp: 4112

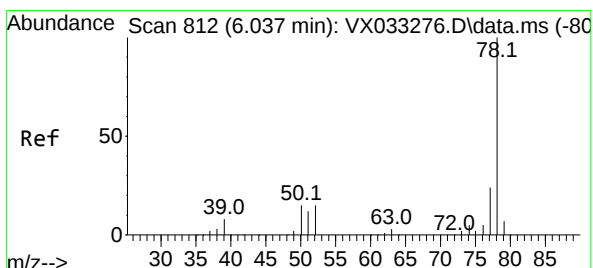
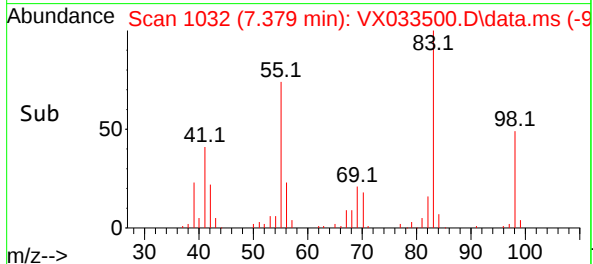
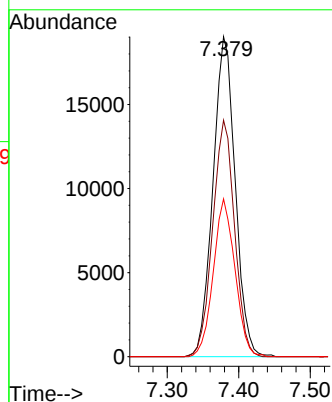
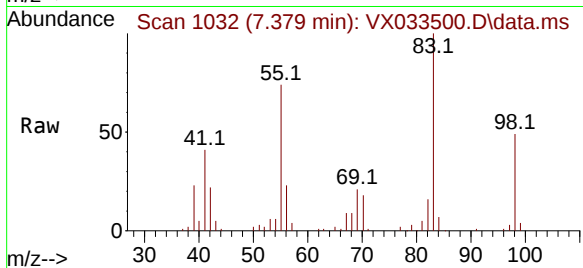
Ion	Ratio	Lower	Upper
83	100		
55	73.9	58.4	87.6
98	49.3	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#40

Benzene

Concen: 21.138 ug/l

RT: 6.037 min Scan# 812

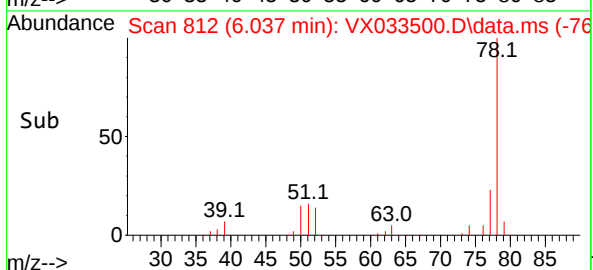
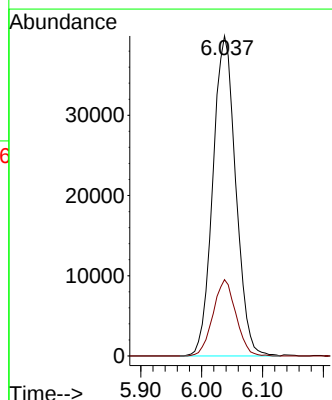
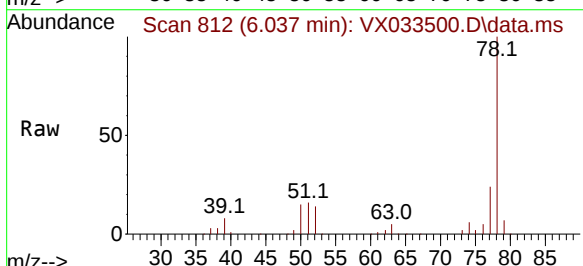
Delta R.T. 0.000 min

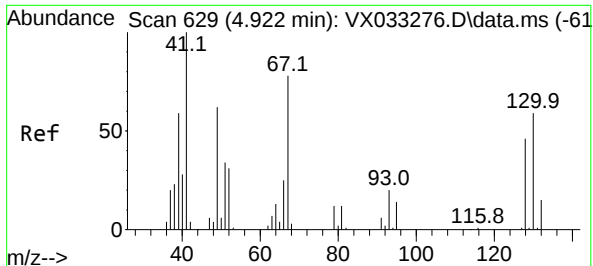
Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Tgt Ion: 78 Resp: 104312

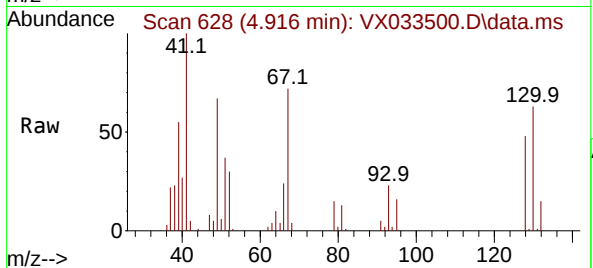
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





#41
Methacrylonitrile
Concen: 20.141 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

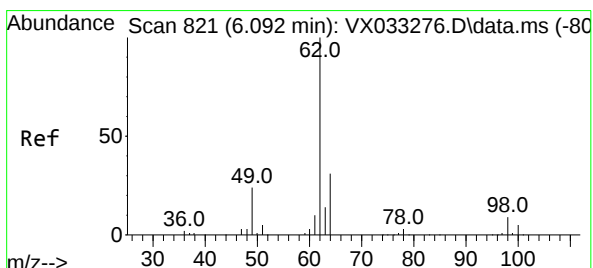
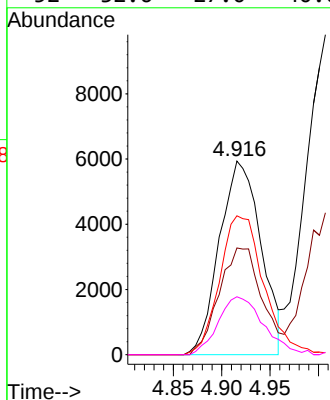
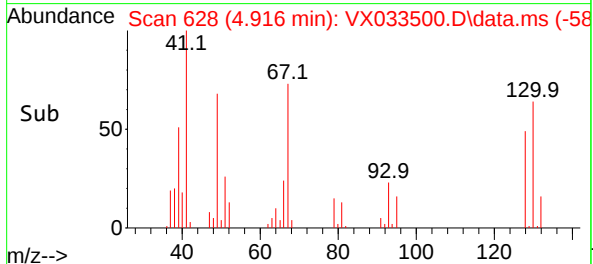
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



Tgt Ion: 41 Resp: 1775
Ion Ratio Lower Upper
41 100
39 57.3 47.5 71.3
67 76.3 60.5 90.7
52 32.6 27.0 40.6

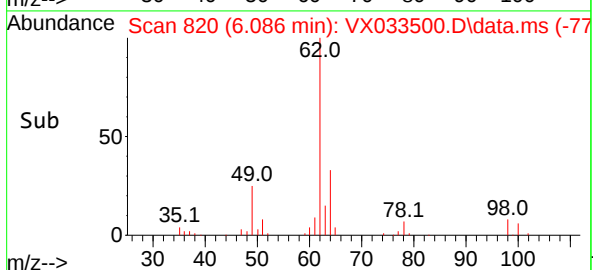
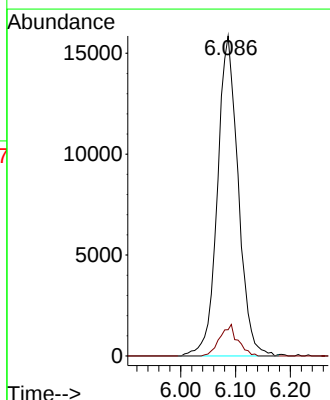
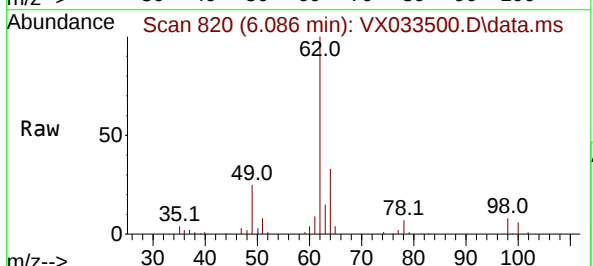
Manual Integrations
APPROVED

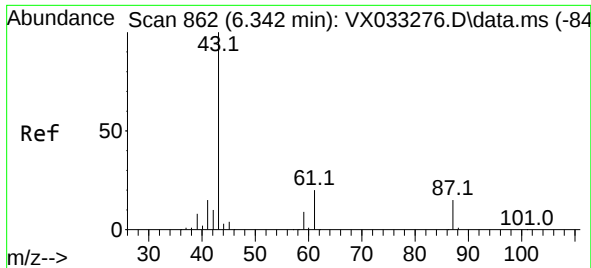
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#42
1,2-Dichloroethane
Concen: 21.334 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

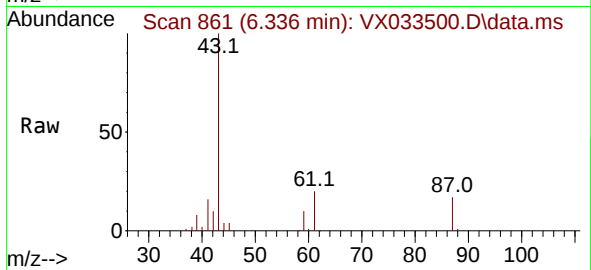
Tgt Ion: 62 Resp: 41806
Ion Ratio Lower Upper
62 100
98 8.5 0.0 16.0





#43
Isopropyl Acetate
Concen: 19.973 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

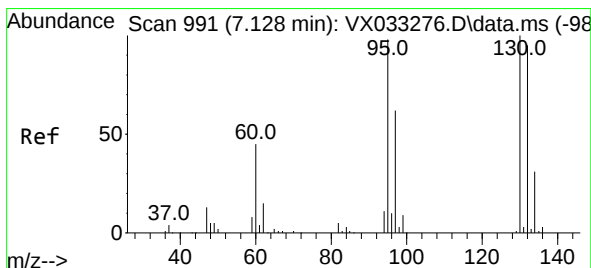
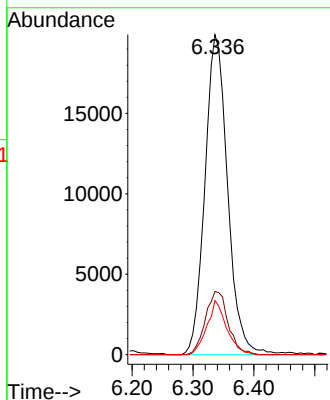
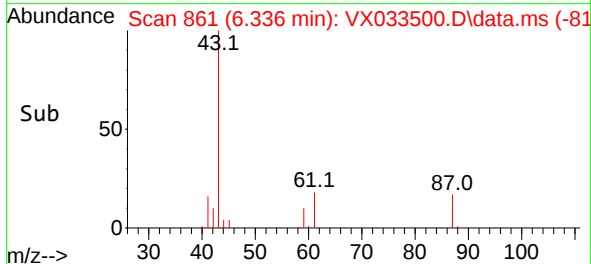
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



Tgt Ion: 43 Resp: 5141
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0
87 14.7 10.8 16.2

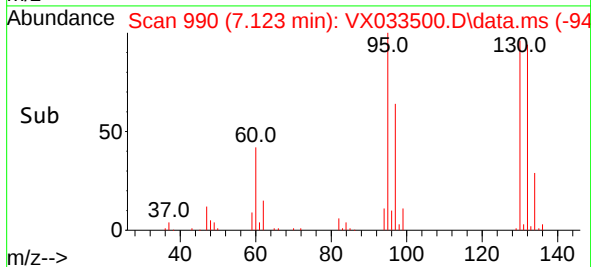
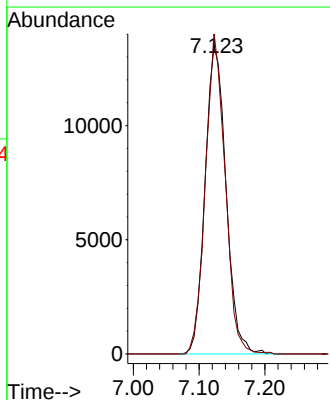
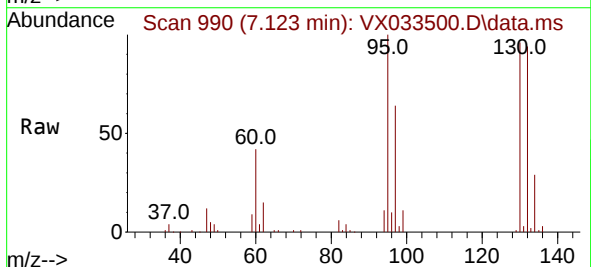
Manual Integrations
APPROVED

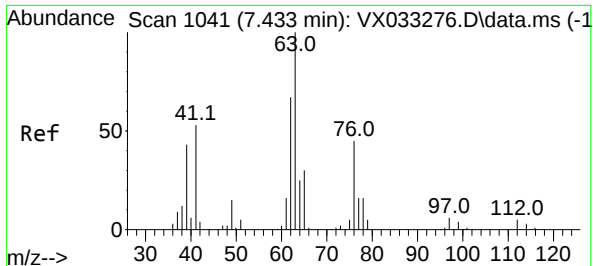
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#44
Trichloroethene
Concen: 22.023 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion:130 Resp: 29964
Ion Ratio Lower Upper
130 100
95 104.1 0.0 195.2





#45

1,2-Dichloropropane

Concen: 21.097 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tgt Ion: 63 Resp: 26620

Ion Ratio Lower Upper

63 100

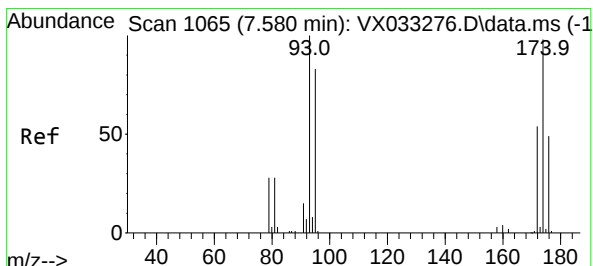
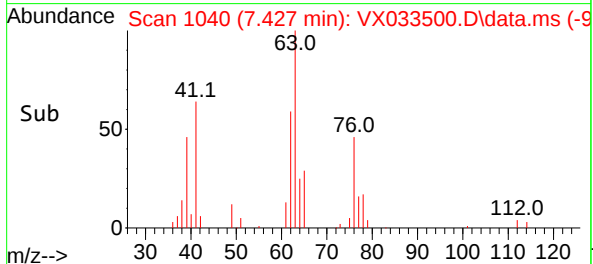
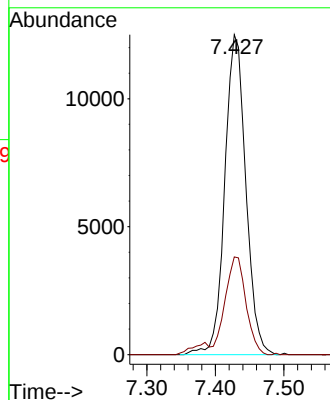
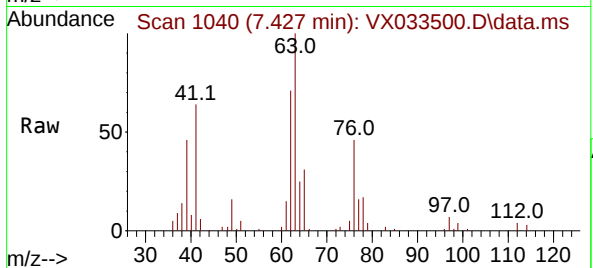
65 30.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#46

Dibromomethane

Concen: 20.796 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

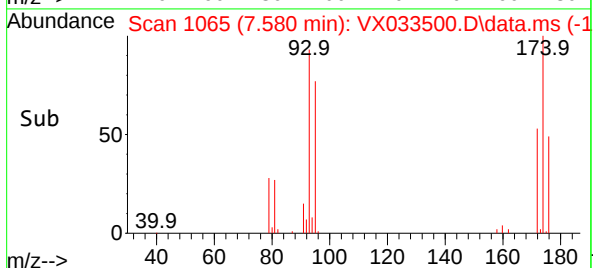
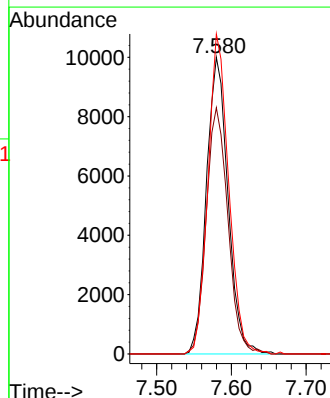
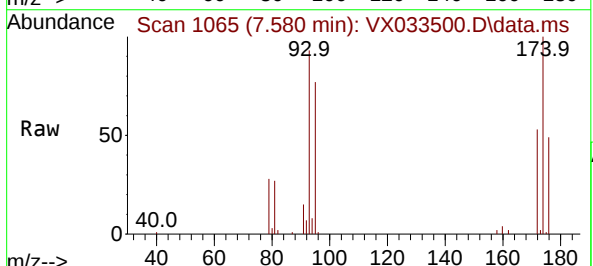
Tgt Ion: 93 Resp: 19994

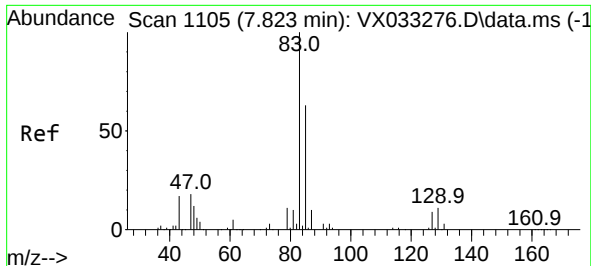
Ion Ratio Lower Upper

93 100

95 83.6 65.8 98.8

174 104.2 79.8 119.6





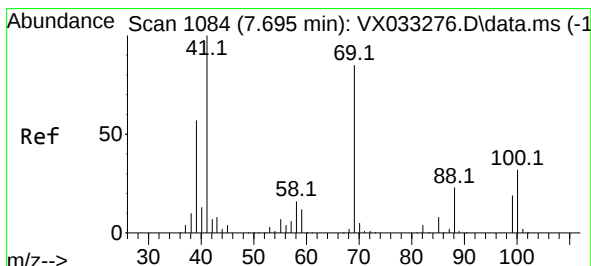
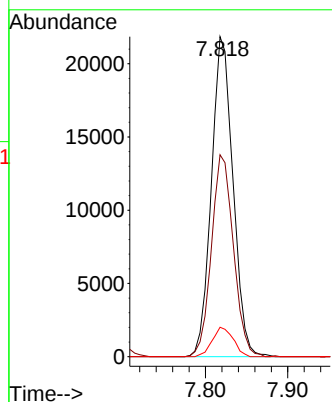
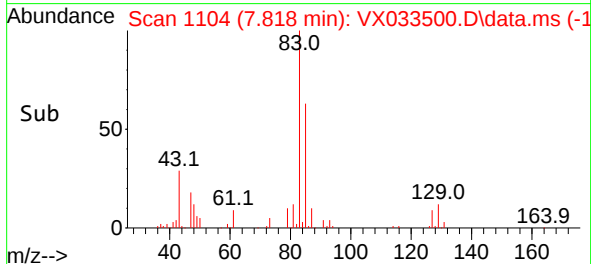
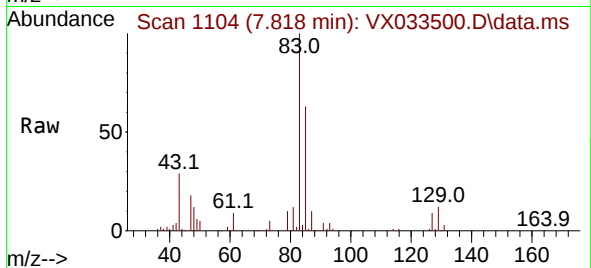
#47
Bromodichloromethane
Concen: 21.275 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 83 Resp: 39872
Ion Ratio Lower Upper
83 100
85 63.1 52.2 78.4
127 9.2 7.4 11.2

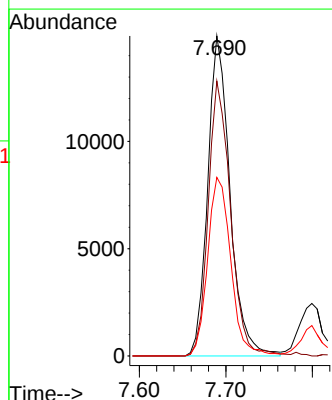
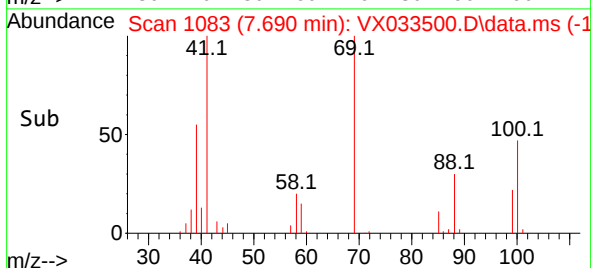
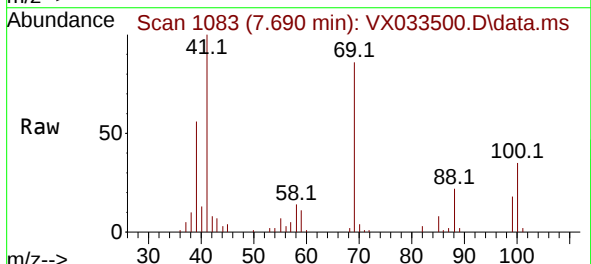
Manual Integrations
APPROVED

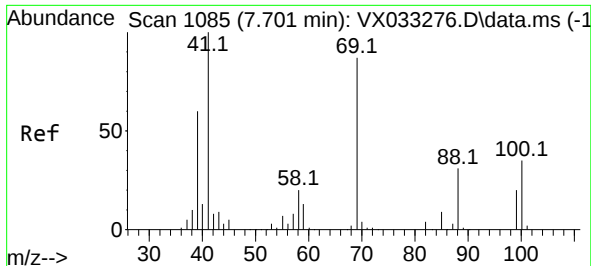
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#48
Methyl methacrylate
Concen: 20.108 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion: 41 Resp: 26715
Ion Ratio Lower Upper
41 100
69 85.7 65.1 97.7
39 58.1 51.9 77.9





#49

1,4-Dioxane

Concen: 382.161 ug/l

RT: 7.690 min Scan# 1085

Delta R.T. -0.012 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

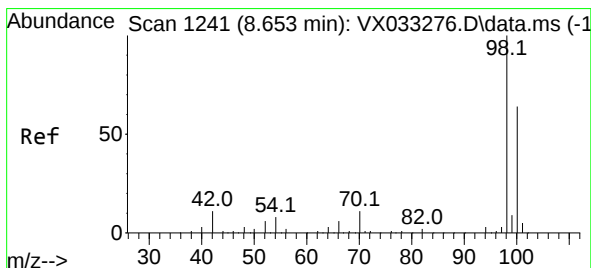
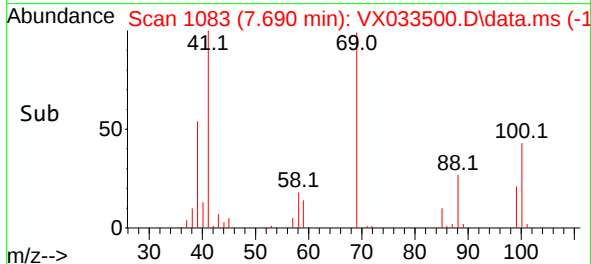
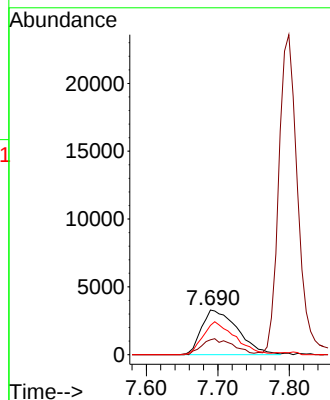
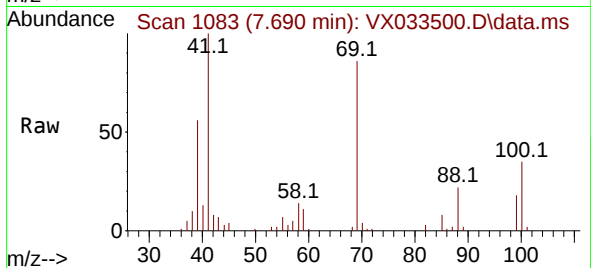
Tgt Ion: 88 Resp: 11578
 Ion Ratio Lower Upper
 88 100
 43 31.0 26.6 39.8
 58 64.8 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#50

Toluene-d8

Concen: 48.603 ug/l

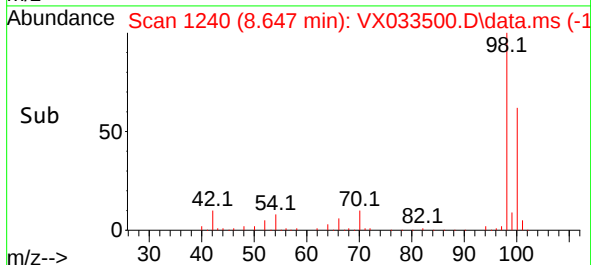
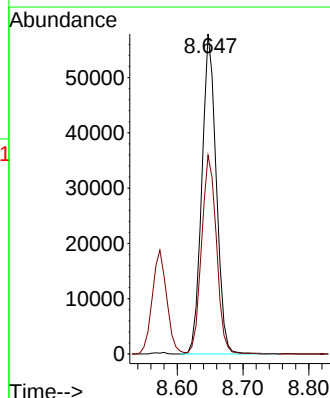
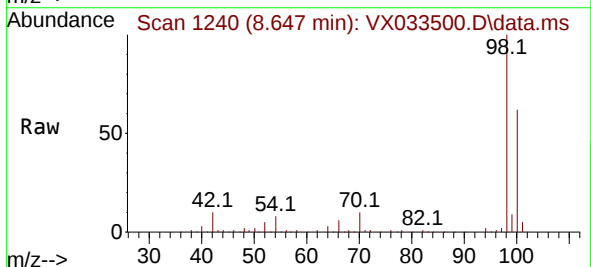
RT: 8.647 min Scan# 1240

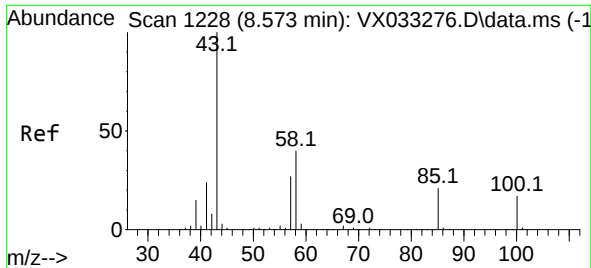
Delta R.T. -0.006 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Tgt Ion: 98 Resp: 88265
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3





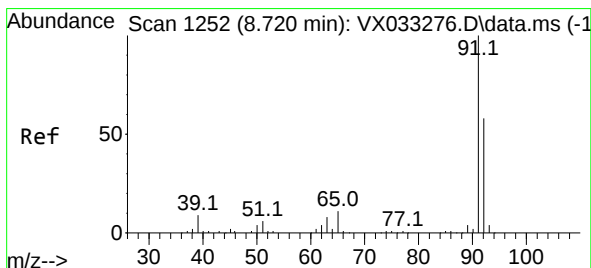
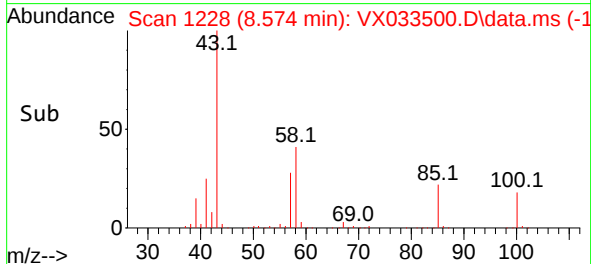
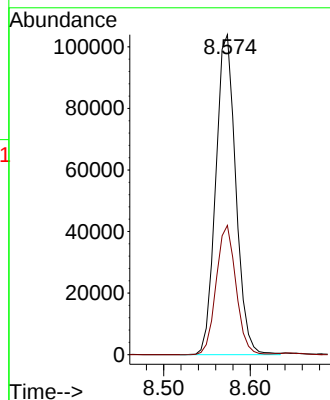
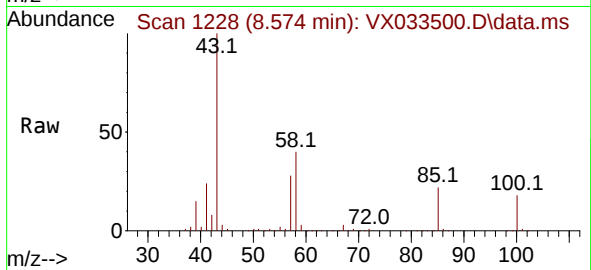
#51
4-Methyl-2-Pentanone
Concen: 102.577 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 43 Resp: 166989
Ion Ratio Lower Upper
43 100
58 39.9 30.9 46.3

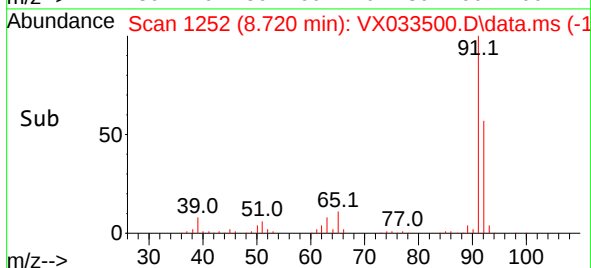
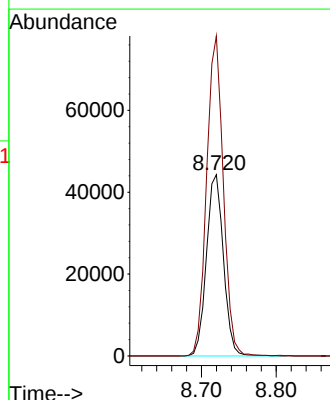
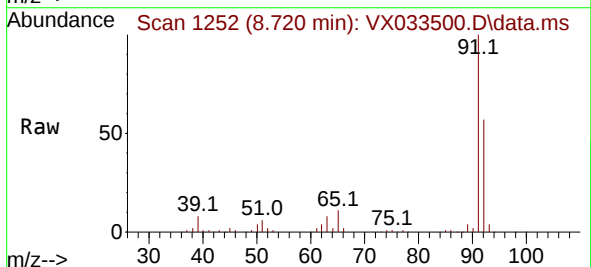
Manual Integrations
APPROVED

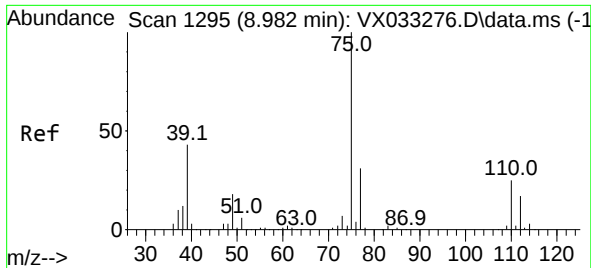
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#52
Toluene
Concen: 21.861 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion: 92 Resp: 69752
Ion Ratio Lower Upper
92 100
91 173.2 138.3 207.5





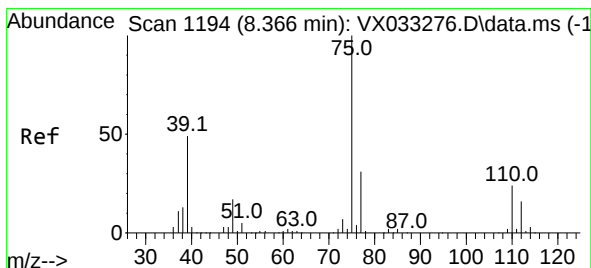
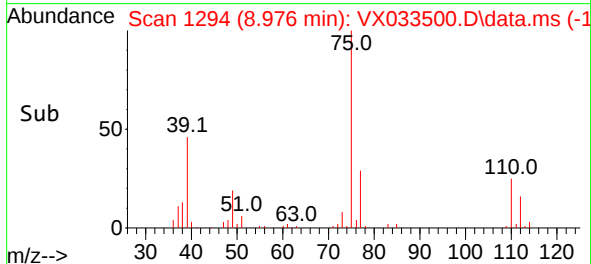
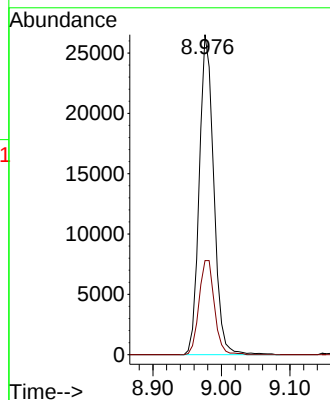
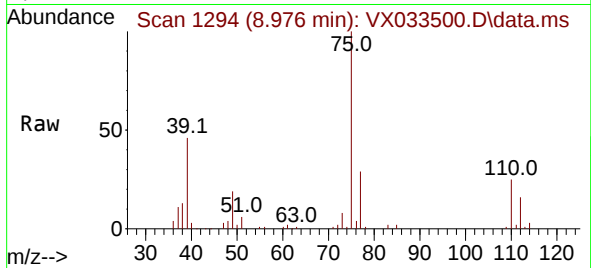
#53
t-1,3-Dichloropropene
Concen: 20.950 ug/l
RT: 8.976 min Scan# 1295
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 75 Resp: 3909
Ion Ratio Lower Upper
75 100
77 29.4 25.1 37.7

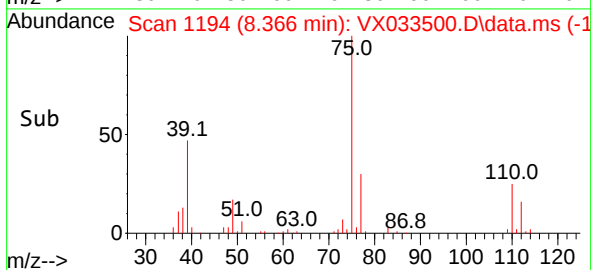
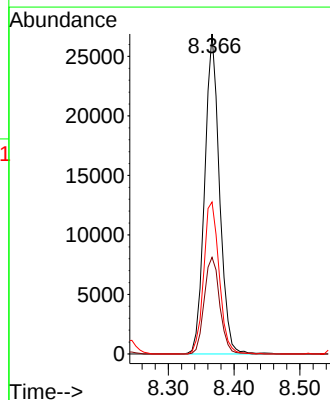
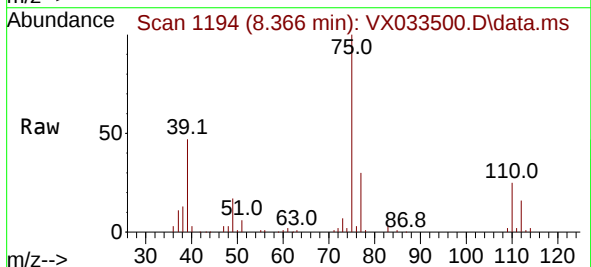
Manual Integrations
APPROVED

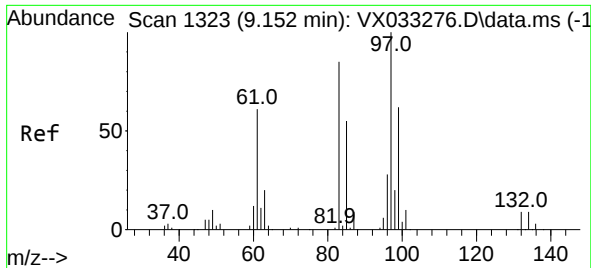
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#54
cis-1,3-Dichloropropene
Concen: 21.131 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

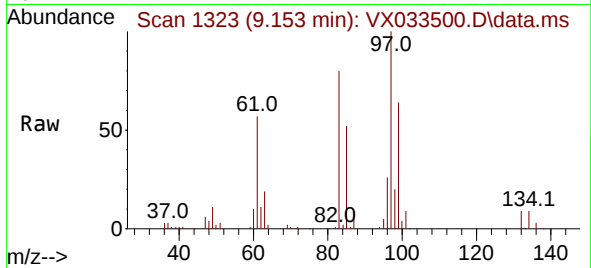
Tgt Ion: 75 Resp: 42141
Ion Ratio Lower Upper
75 100
77 30.2 25.1 37.7
39 47.5 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 21.929 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

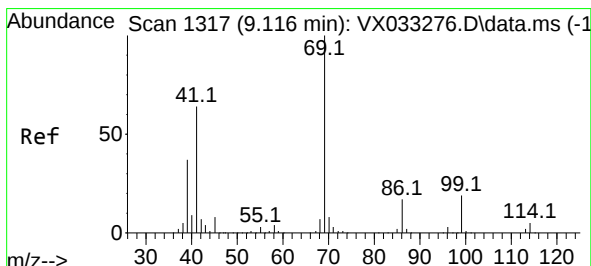
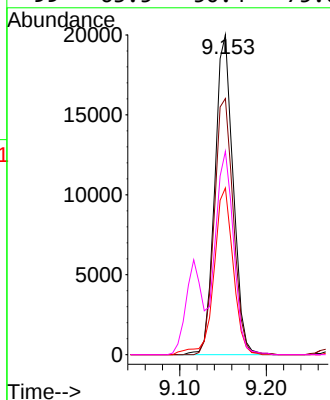
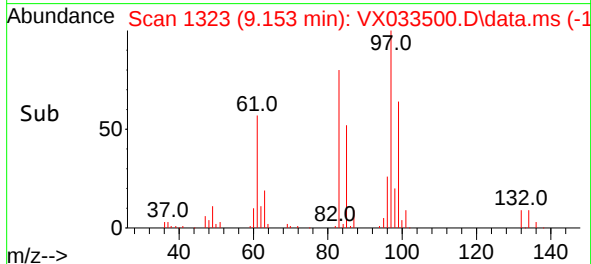
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



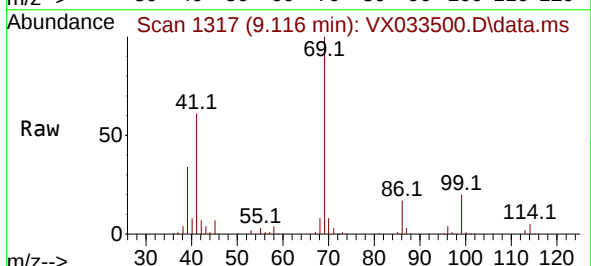
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.1	68.1	102.1
85	52.1	43.3	64.9
99	63.5	50.4	75.6

Manual Integrations
APPROVED

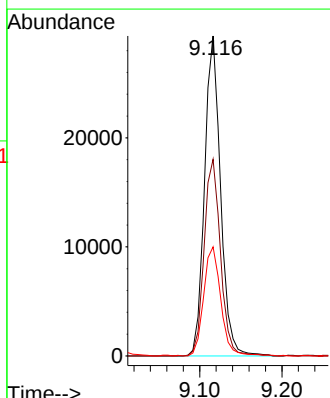
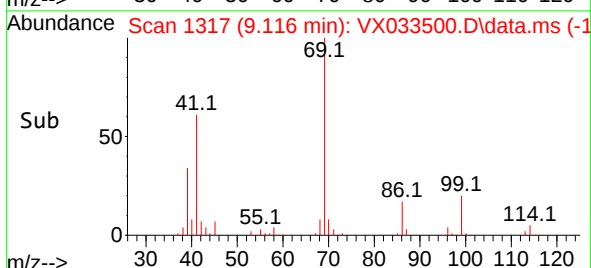
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

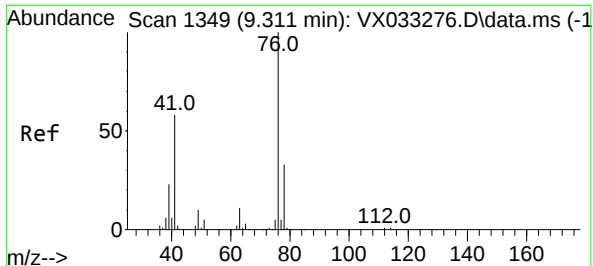


#56
Ethyl methacrylate
Concen: 21.047 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59



Tgt Ion	Ratio	Lower	Upper
69	100		
41	62.9	54.3	81.5
39	36.6	35.2	52.8





#57

1,3-Dichloropropane

Concen: 21.706 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tgt Ion: 76 Resp: 4676

Ion Ratio Lower Upper

76 100

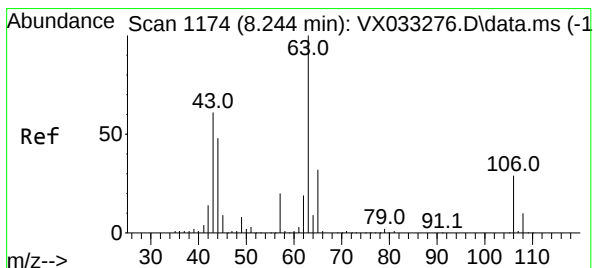
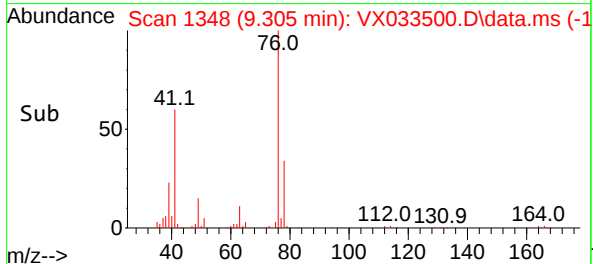
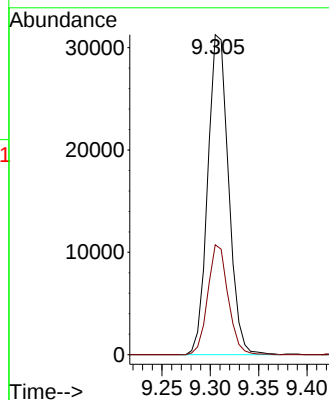
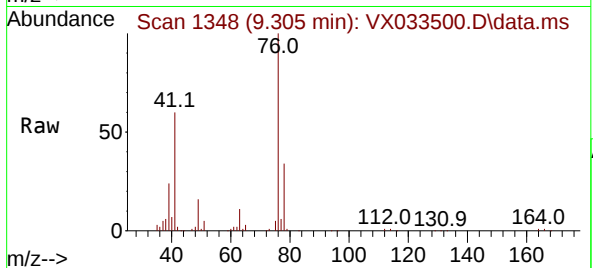
78 33.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 98.526 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033500.D

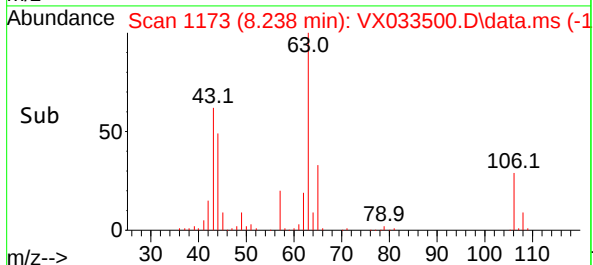
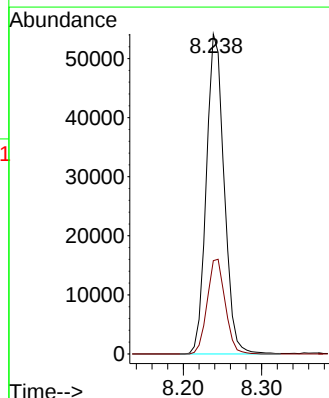
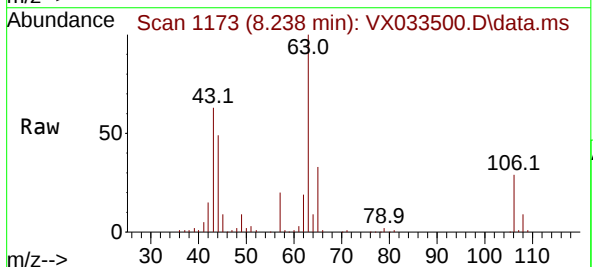
Acq: 20 Dec 2022 11:59

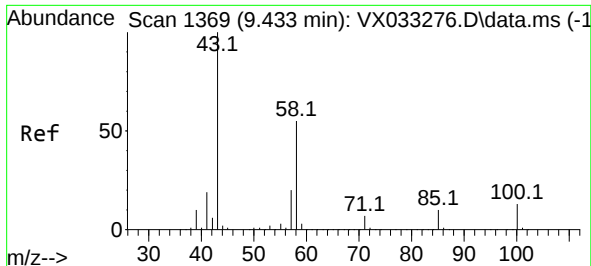
Tgt Ion: 63 Resp: 85131

Ion Ratio Lower Upper

63 100

106 30.0 23.3 34.9





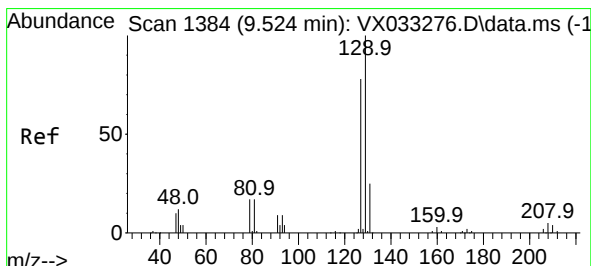
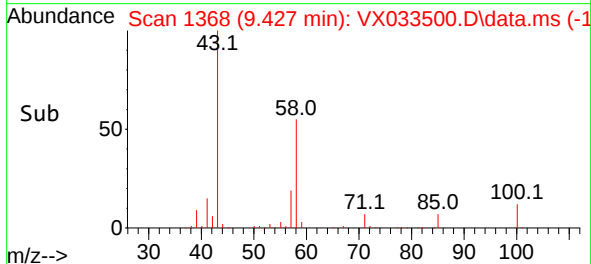
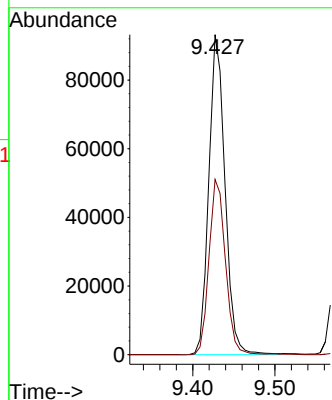
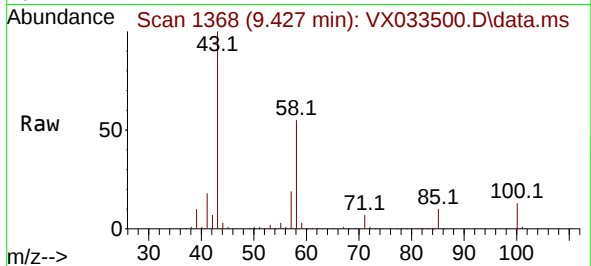
#59
2-Hexanone
Concen: 106.189 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 43 Resp: 12739
Ion Ratio Lower Upper
43 100
58 55.9 26.5 79.5

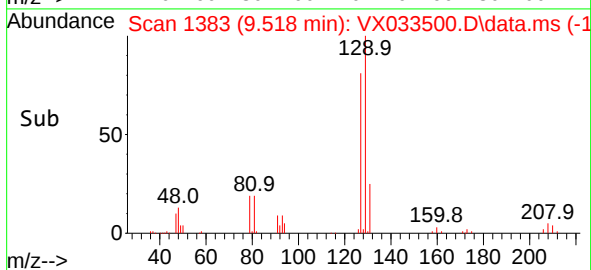
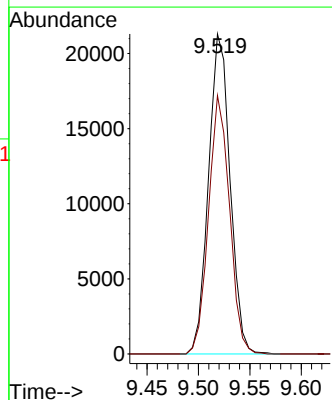
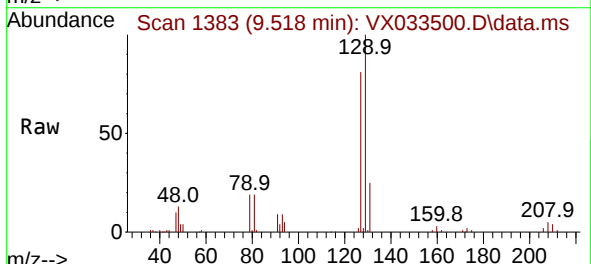
Manual Integrations
APPROVED

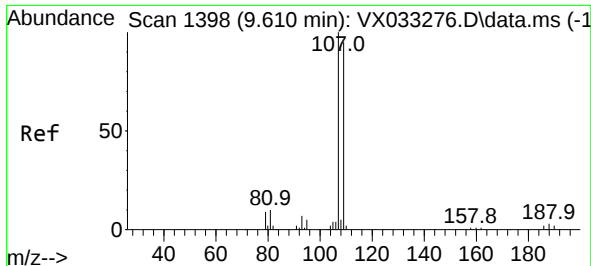
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#60
Dibromochloromethane
Concen: 21.060 ug/l
RT: 9.518 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion:129 Resp: 31121
Ion Ratio Lower Upper
129 100
127 78.7 38.6 115.8





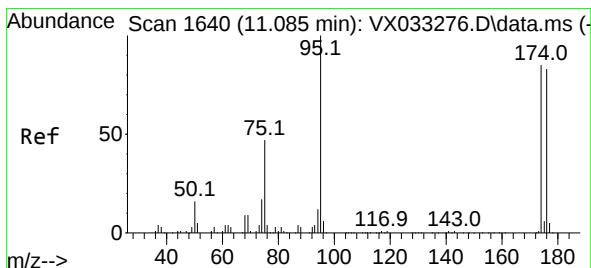
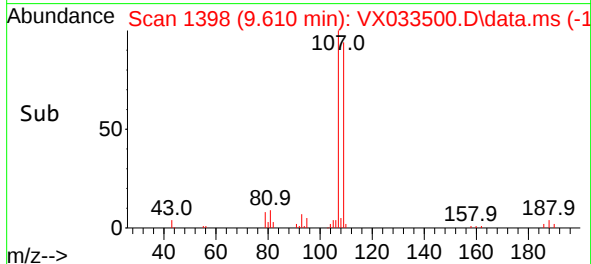
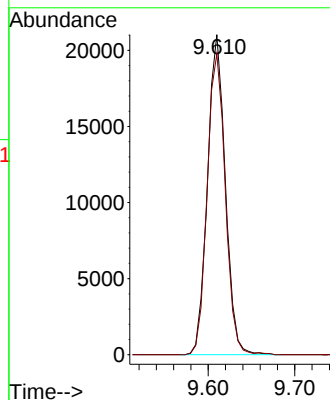
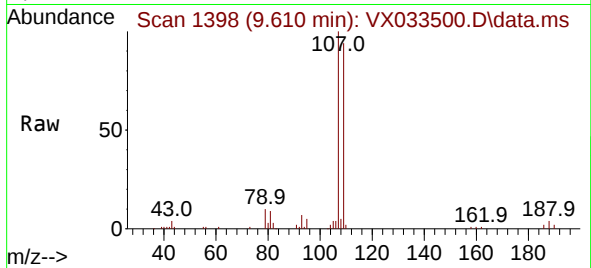
#61
1,2-Dibromoethane
Concen: 21.107 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion:107 Resp: 3011
Ion Ratio Lower Upper
107 100
109 95.5 76.0 114.0

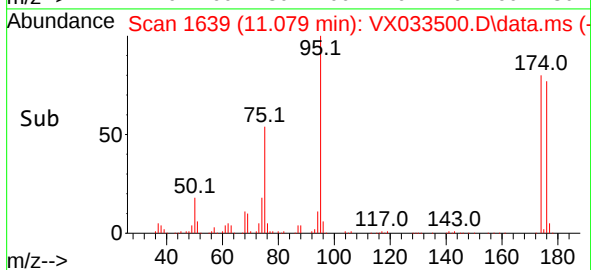
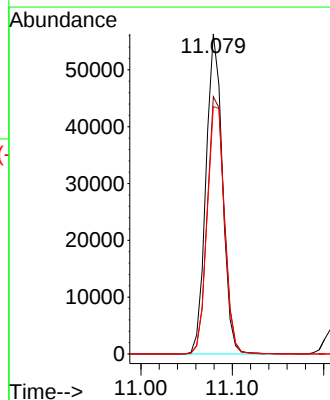
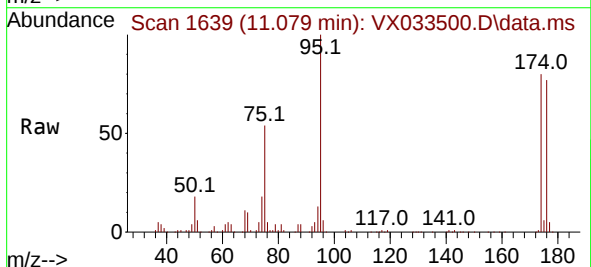
Manual Integrations
APPROVED

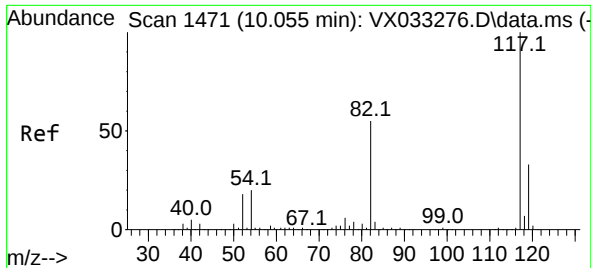
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#62
4-Bromofluorobenzene
Concen: 50.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

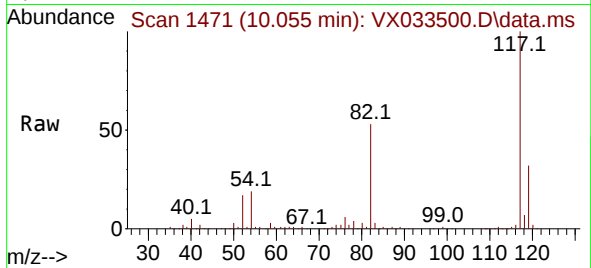
Tgt Ion: 95 Resp: 70297
Ion Ratio Lower Upper
95 100
174 83.4 0.0 164.0
176 81.4 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

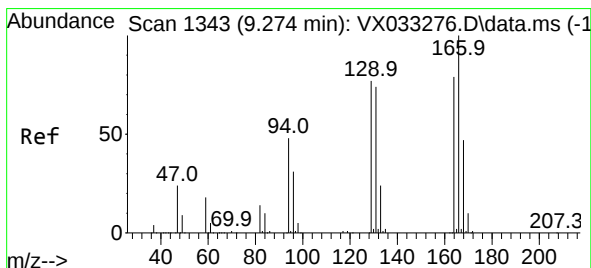
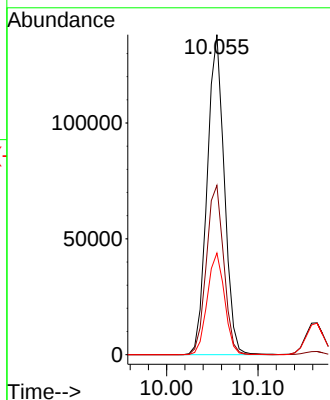
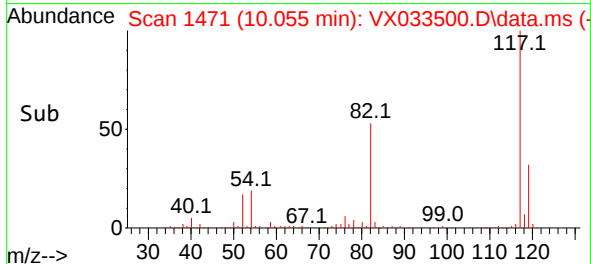
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



Tgt Ion:117 Resp: 17929
Ion Ratio Lower Upper
117 100
82 52.9 44.3 66.5
119 31.7 25.7 38.5

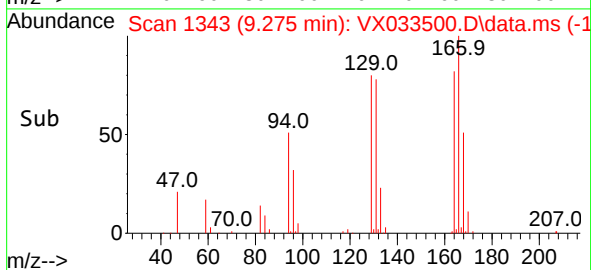
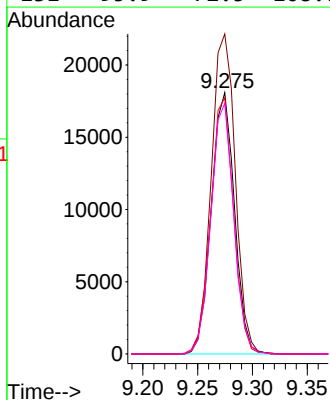
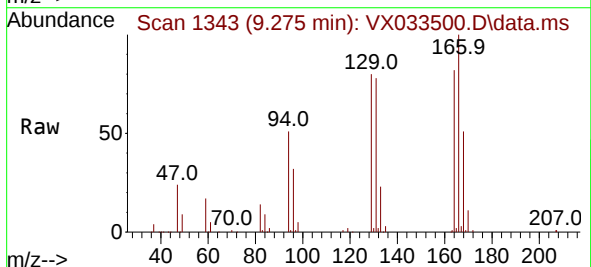
Manual Integrations
APPROVED

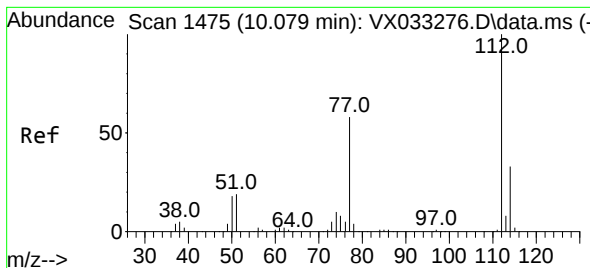
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#64
Tetrachloroethene
Concen: 21.761 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion:164 Resp: 26679
Ion Ratio Lower Upper
164 100
166 122.5 105.4 158.2
129 98.1 78.2 117.2
131 95.9 72.5 108.7





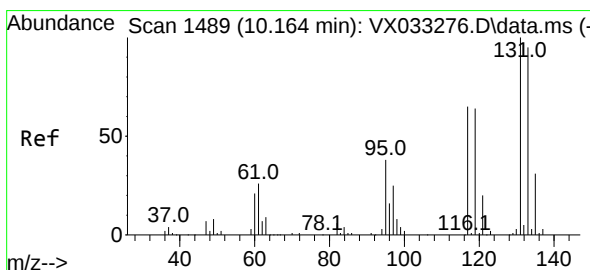
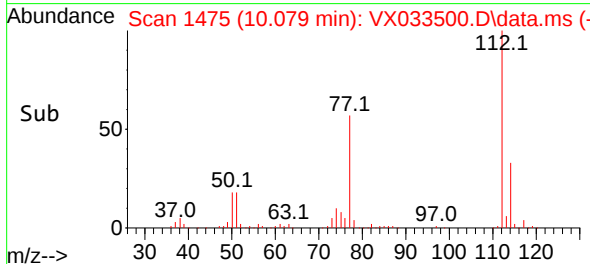
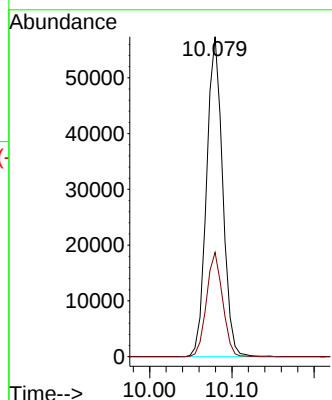
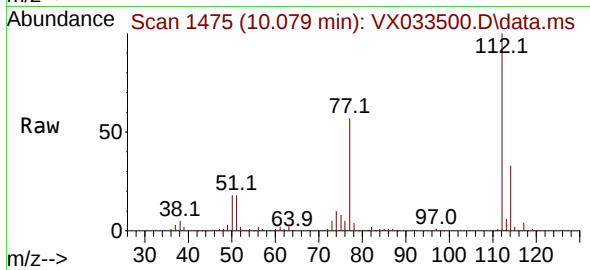
#65
Chlorobenzene
Concen: 21.411 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion:112 Resp: 7773
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

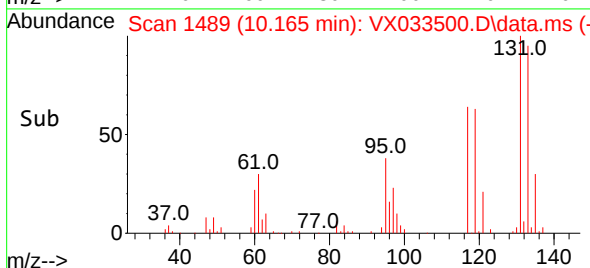
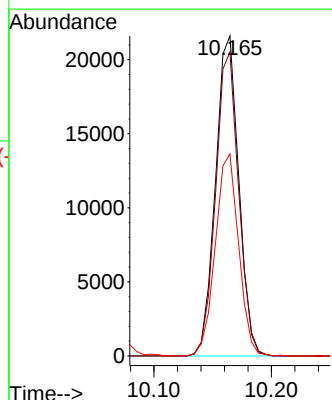
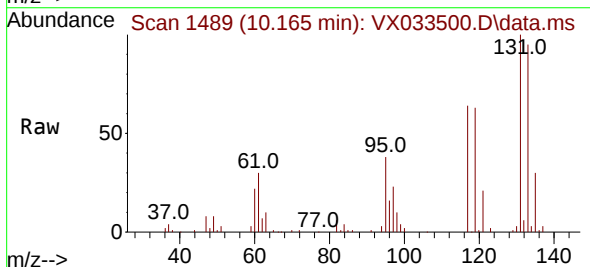
Manual Integrations
APPROVED

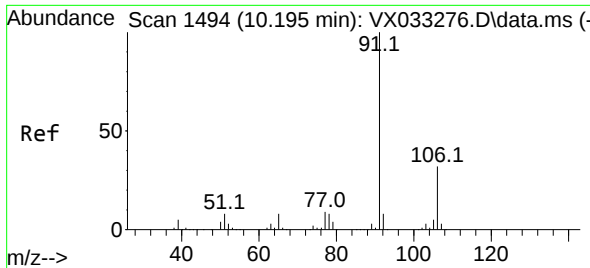
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.634 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

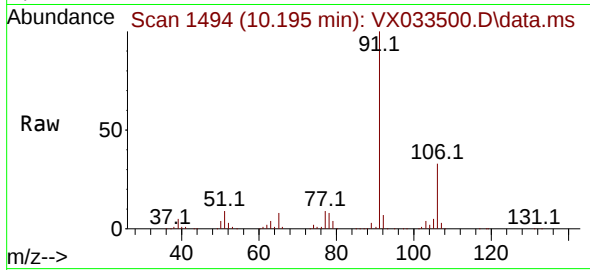
Tgt Ion:131 Resp: 29683
Ion Ratio Lower Upper
131 100
133 94.3 47.6 142.9
119 63.5 32.4 97.0





#67
Ethyl Benzene
Concen: 21.929 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

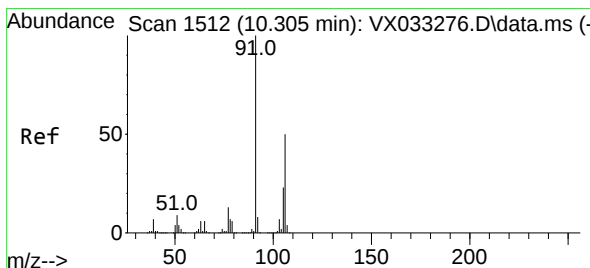
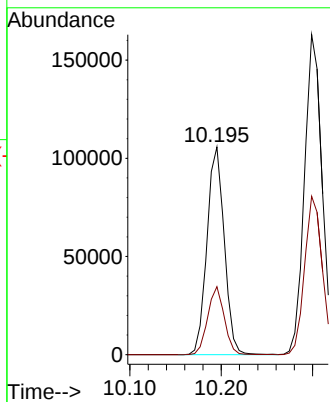
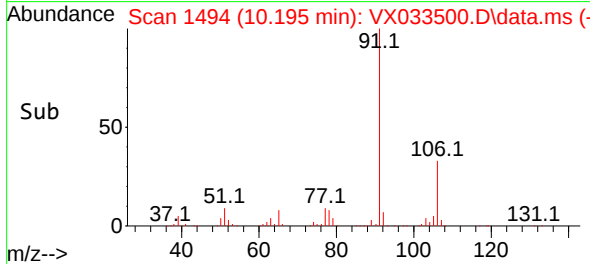
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



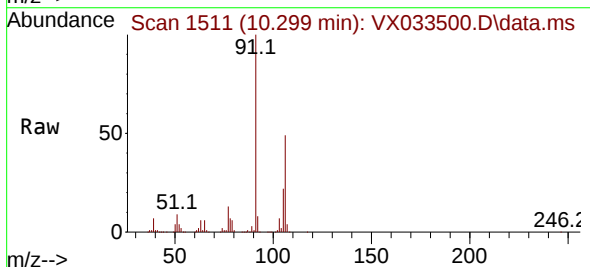
Tgt Ion: 91 Resp: 138709
Ion Ratio Lower Upper
91 100
106 32.7 25.0 37.6

Manual Integrations
APPROVED

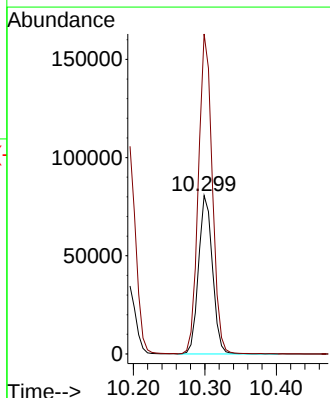
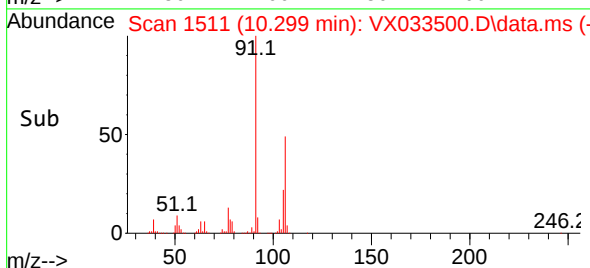
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

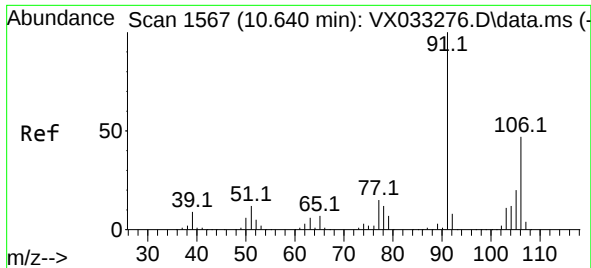


#68
m/p-Xylenes
Concen: 44.305 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59



Tgt Ion:106 Resp: 109030
Ion Ratio Lower Upper
106 100
91 201.7 164.5 246.7





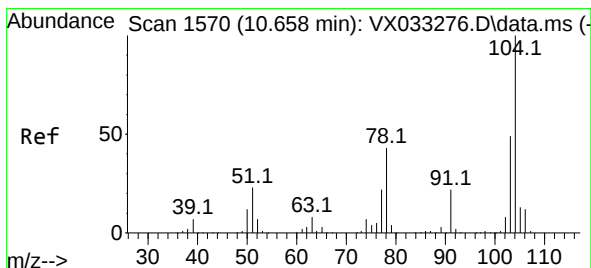
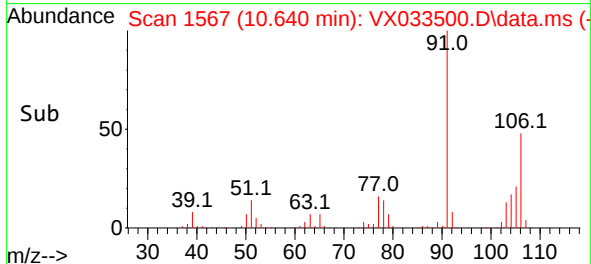
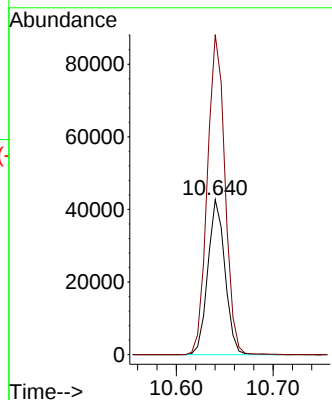
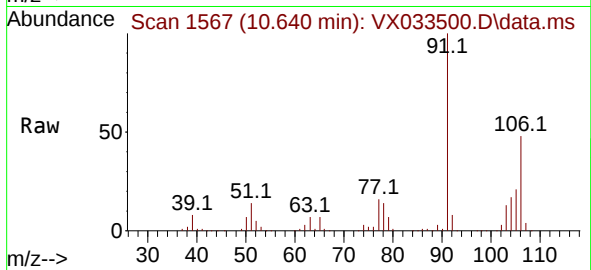
#69
o-Xylene
Concen: 21.670 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion:106 Resp: 5271
Ion Ratio Lower Upper
106 100
91 212.1 109.2 327.6

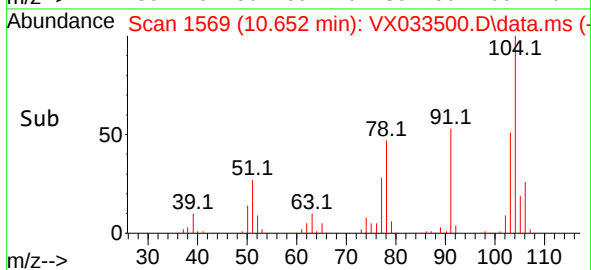
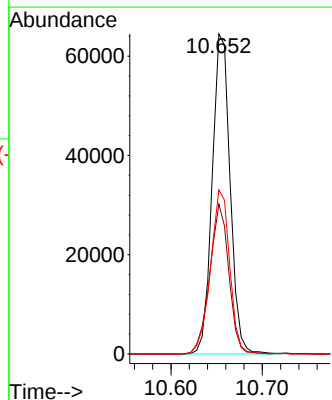
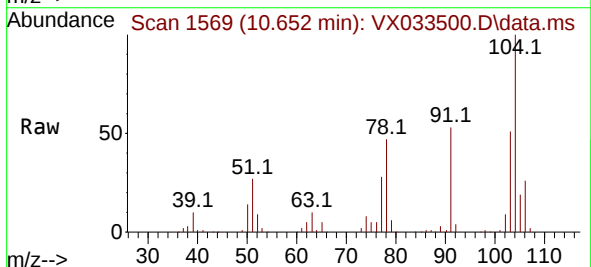
Manual Integrations
APPROVED

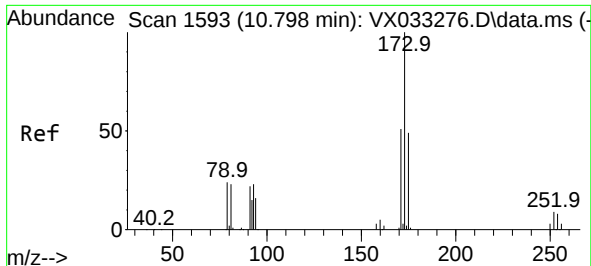
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
Styrene
Concen: 22.014 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

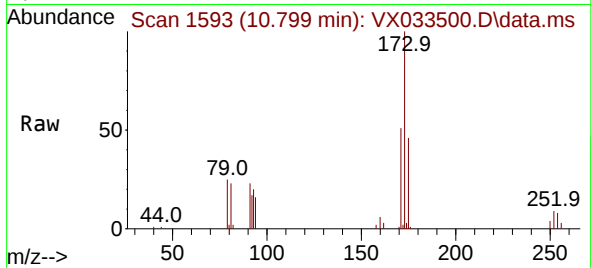
Tgt Ion:104 Resp: 87702
Ion Ratio Lower Upper
104 100
78 49.8 41.8 62.8
103 55.0 44.5 66.7





#71
Bromoform
Concen: 20.624 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

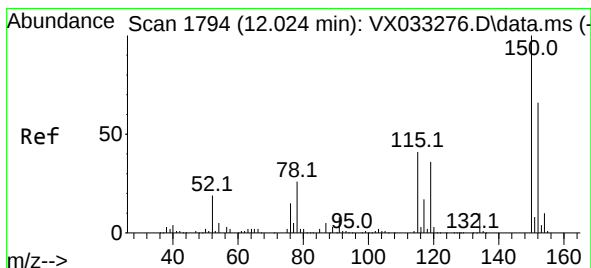
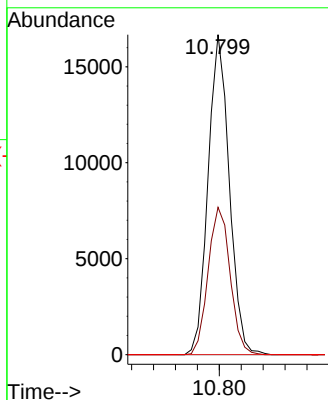
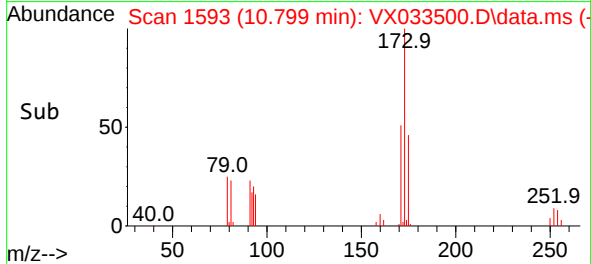
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



Tgt Ion:173 Resp: 22398
Ion Ratio Lower Upper
173 100
175 47.8 23.9 71.8
254 0.0 0.0 0.0

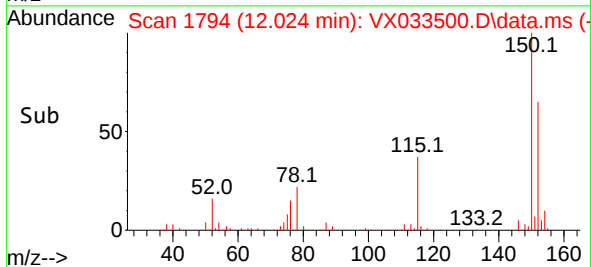
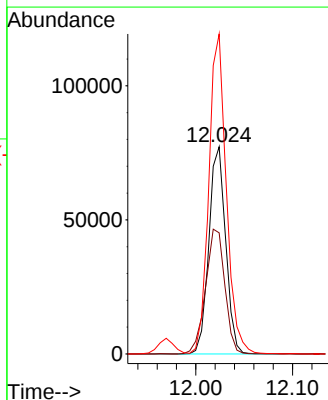
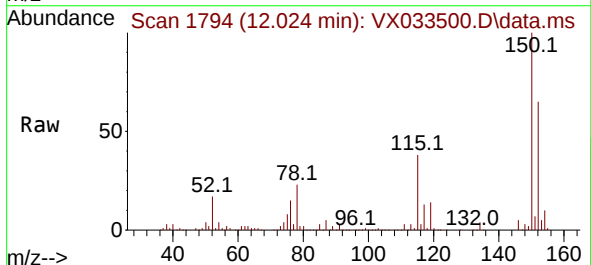
Manual Integrations
APPROVED

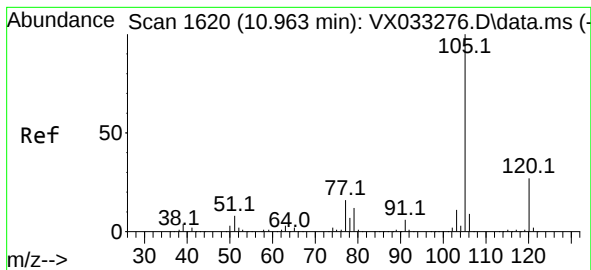
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion:152 Resp: 93504
Ion Ratio Lower Upper
152 100
115 69.0 44.0 132.0
150 160.6 0.0 351.8





#73

Isopropylbenzene

Concen: 20.615 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tgt Ion:105 Resp: 139710

Ion Ratio Lower Upper

105 100

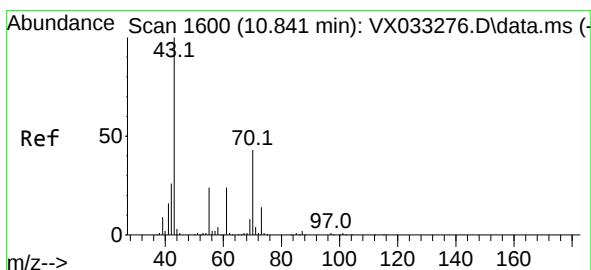
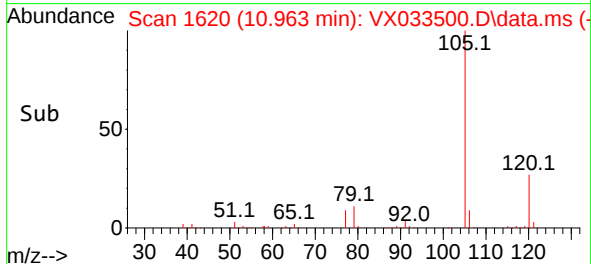
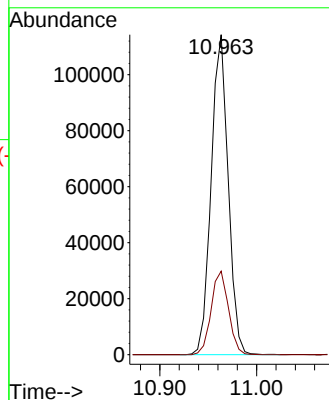
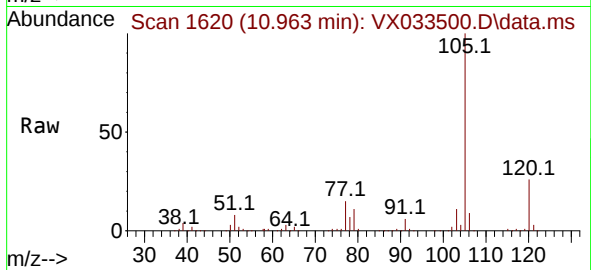
120 26.5 13.1 39.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#74

N-ethyl acetate

Concen: 19.147 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Tgt Ion: 43 Resp: 44274

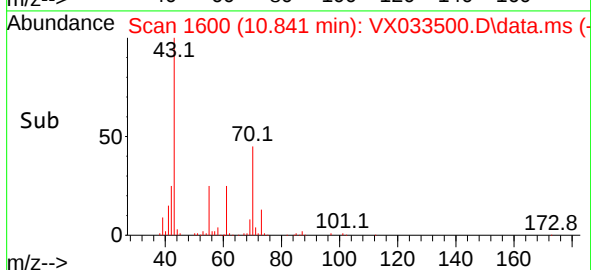
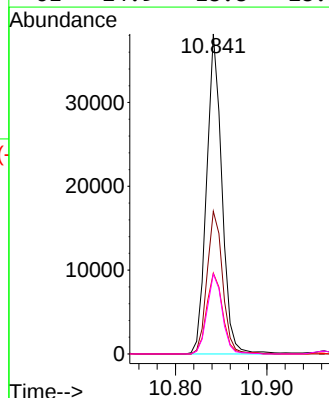
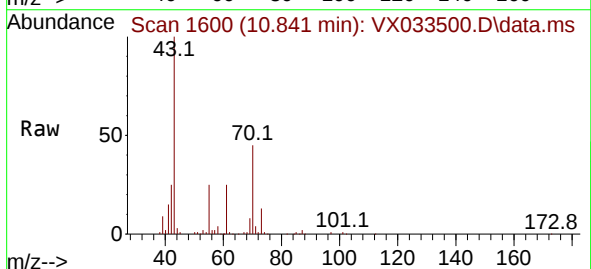
Ion Ratio Lower Upper

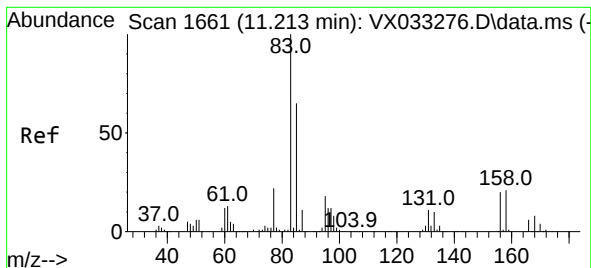
43 100

70 45.4 33.6 50.4

55 26.6 19.4 29.2

61 24.9 18.8 28.2





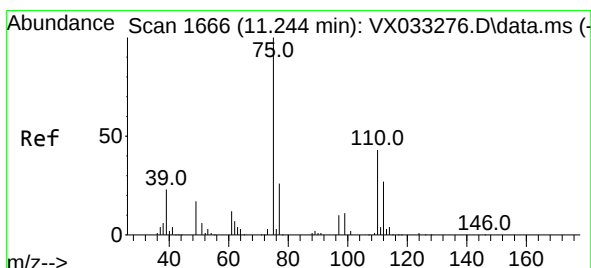
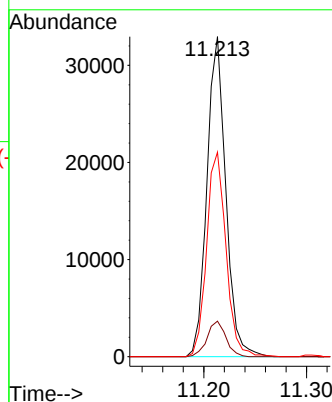
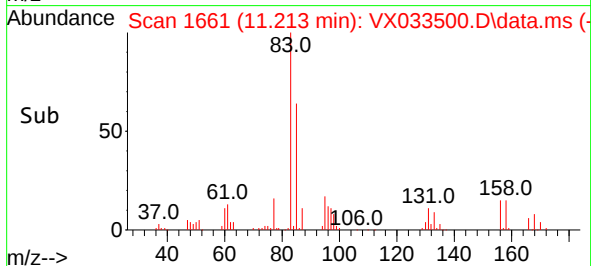
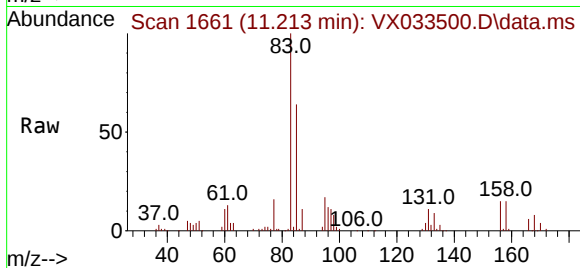
#75
1,1,2,2-Tetrachloroethane
Concen: 19.585 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 83 Resp: 42109
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 65.7 31.9 95.9

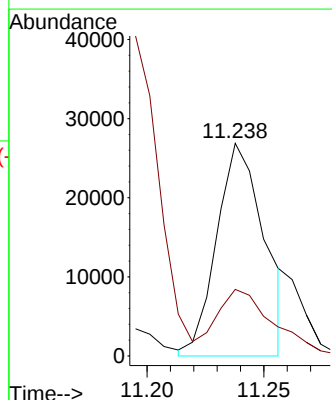
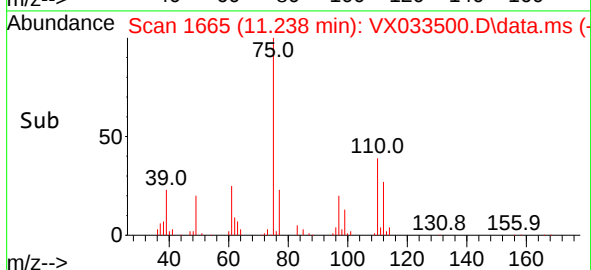
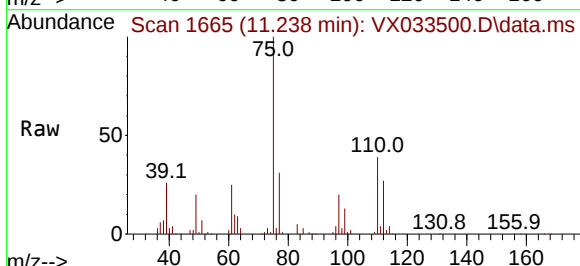
Manual Integrations
APPROVED

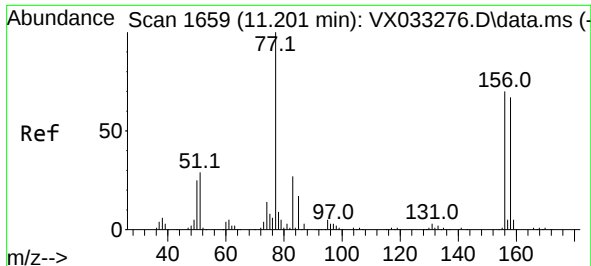
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#76
1,2,3-Trichloropropane
Concen: 19.972 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

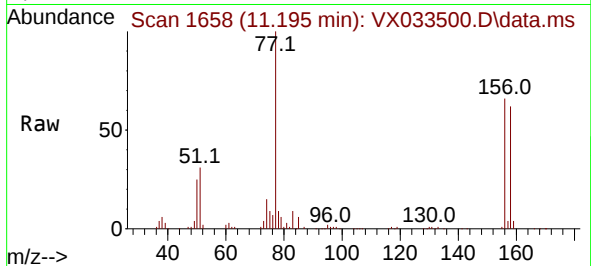
Tgt Ion: 75 Resp: 37993
Ion Ratio Lower Upper
75 100
77 37.9 20.0 60.0





#77
Bromobenzene
Concen: 20.461 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

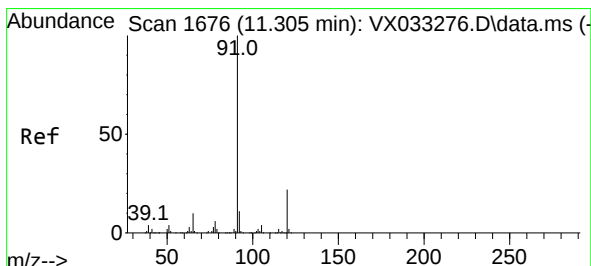
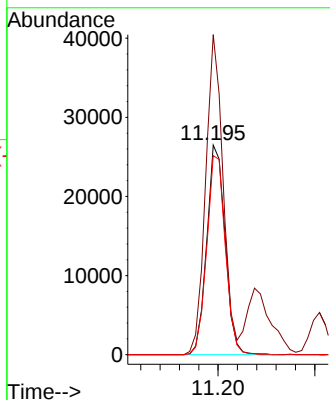
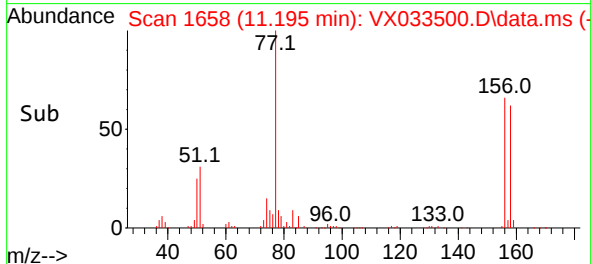
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



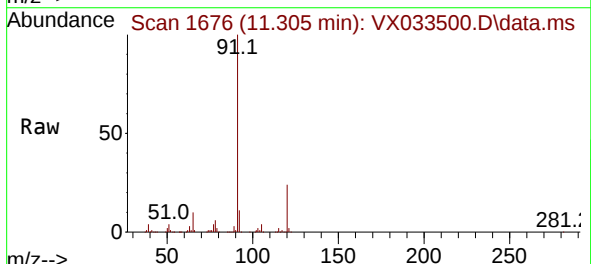
Tgt Ion:156 Resp: 35010
Ion Ratio Lower Upper
156 100
77 144.4 76.1 228.4
158 96.0 48.8 146.3

Manual Integrations
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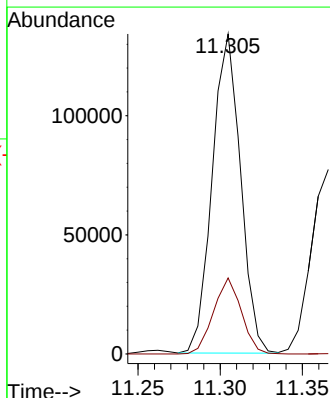
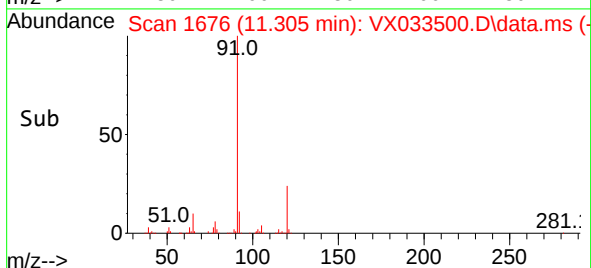
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

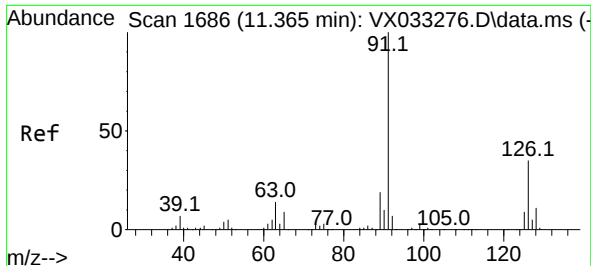


#78
n-propylbenzene
Concen: 21.208 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59



Tgt Ion: 91 Resp: 160491
Ion Ratio Lower Upper
91 100
120 23.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 20.404 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tgt Ion: 91 Resp: 9542

Ion Ratio Lower Upper

91 100

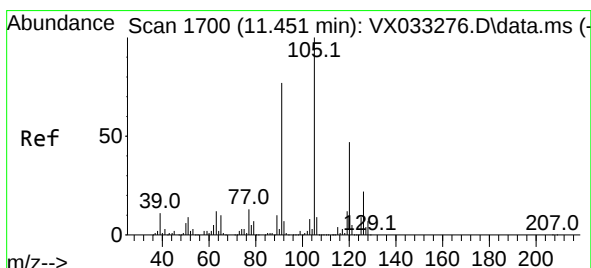
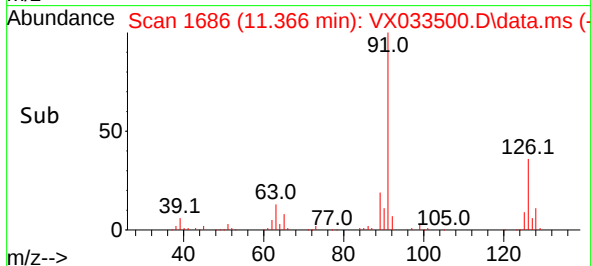
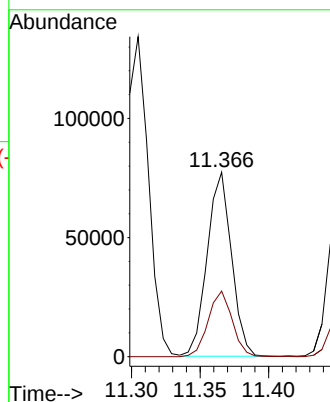
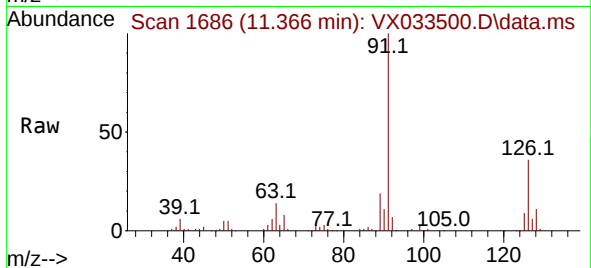
126 35.2 17.1 51.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#80

1,3,5-Trimethylbenzene

Concen: 20.933 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX033500.D

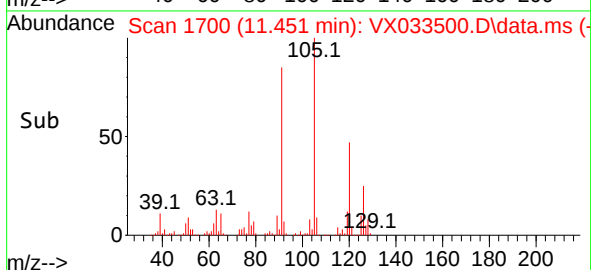
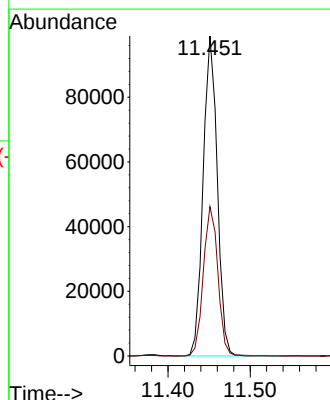
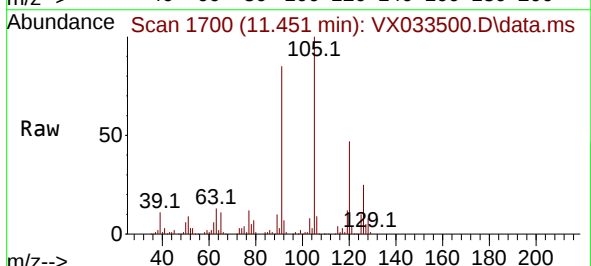
Acq: 20 Dec 2022 11:59

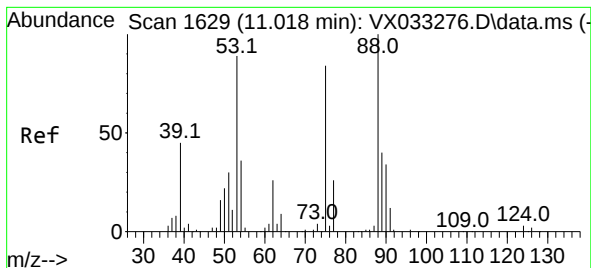
Tgt Ion:105 Resp: 118091

Ion Ratio Lower Upper

105 100

120 47.9 23.6 71.0





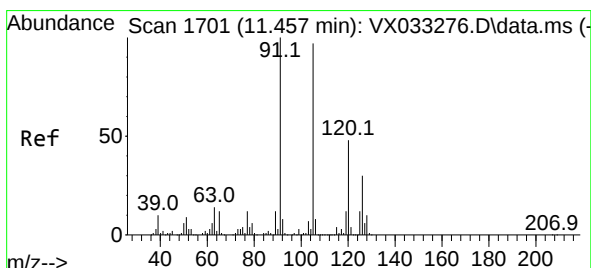
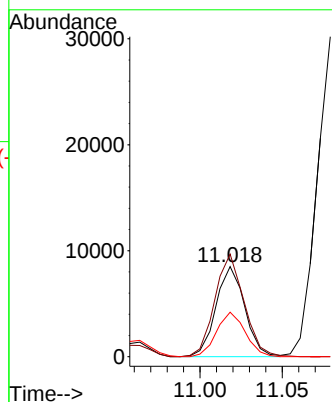
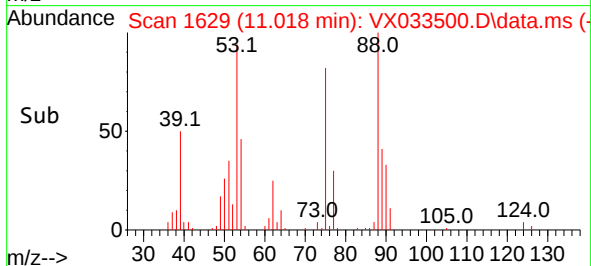
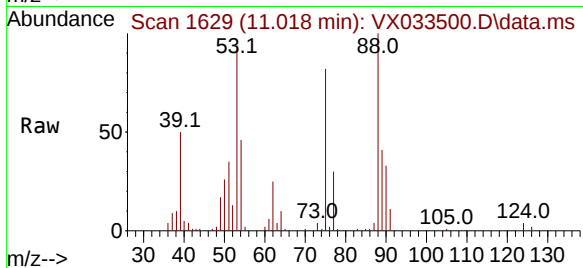
#81
trans-1,4-Dichloro-2-butene
Concen: 16.918 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion: 75 Resp: 10340
Ion Ratio Lower Upper
75 100
53 115.4 86.9 130.3
89 49.1 38.3 57.5

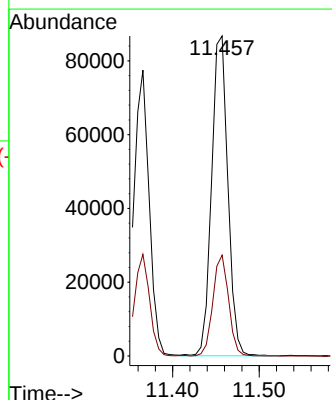
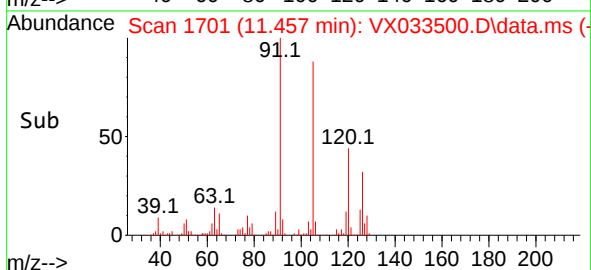
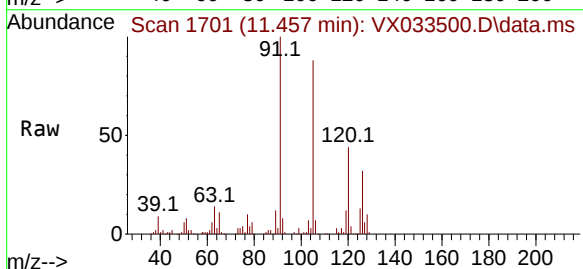
Manual Integrations
APPROVED

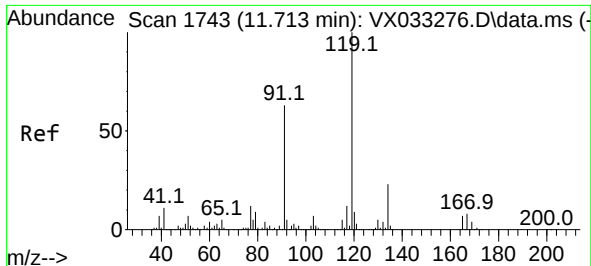
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#82
4-Chlorotoluene
Concen: 20.782 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

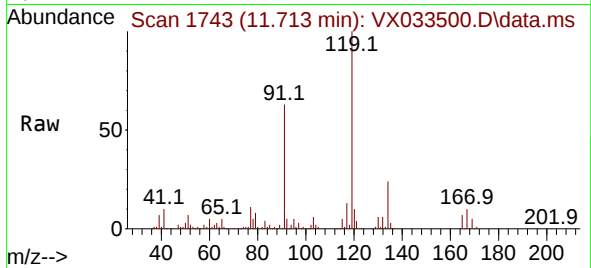
Tgt Ion: 91 Resp: 113014
Ion Ratio Lower Upper
91 100
126 30.5 14.8 44.4





#83
tert-Butylbenzene
Concen: 20.570 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

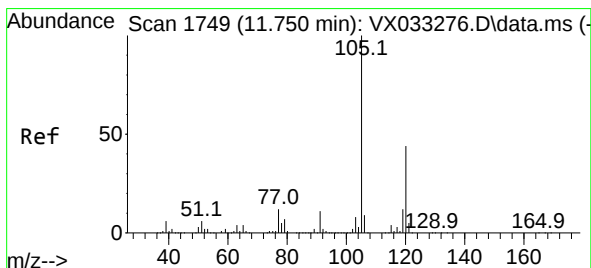
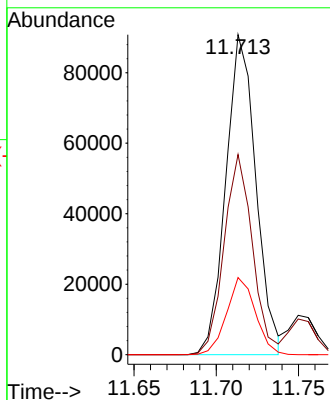
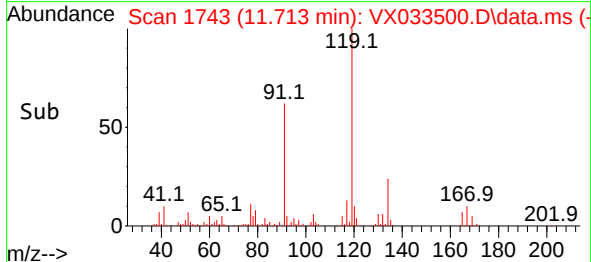
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



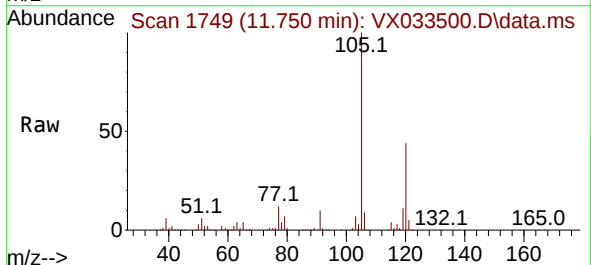
Tgt Ion:119 Resp: 115720
Ion Ratio Lower Upper
119 100
91 59.2 29.4 88.2
134 23.1 11.0 33.0

Manual Integrations
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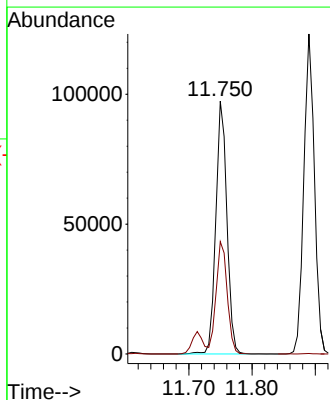
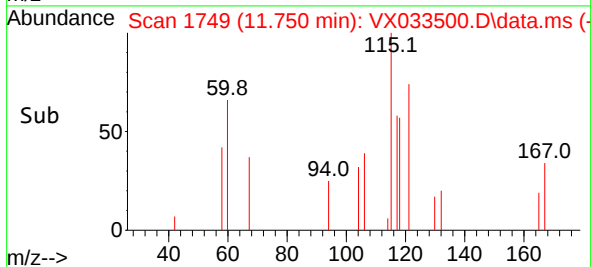
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

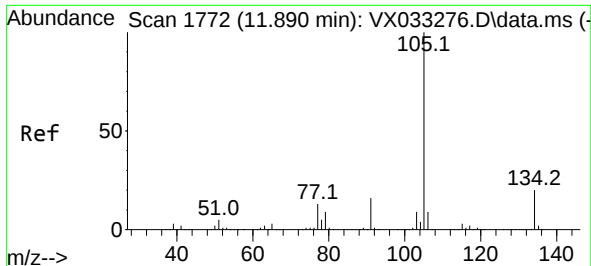


#84
1,2,4-Trimethylbenzene
Concen: 20.945 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59



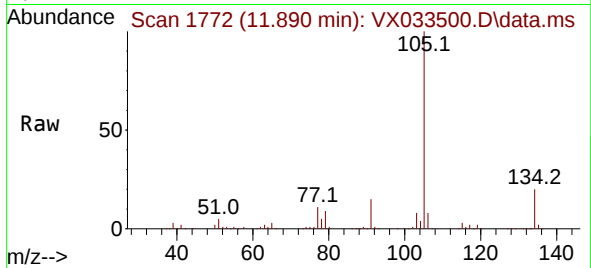
Tgt Ion:105 Resp: 117950
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 21.714 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033500.D
 Acq: 20 Dec 2022 11:59

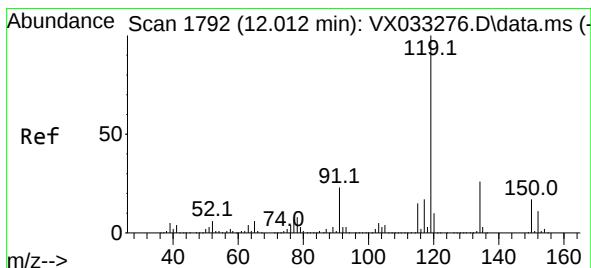
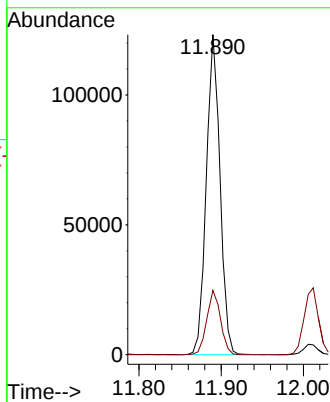
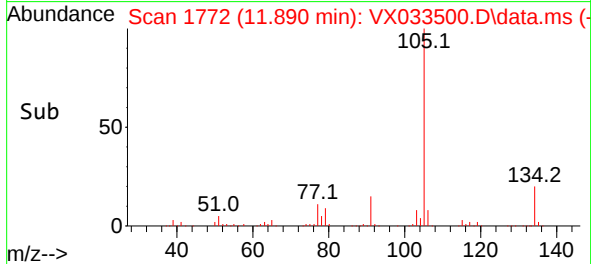
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBS01



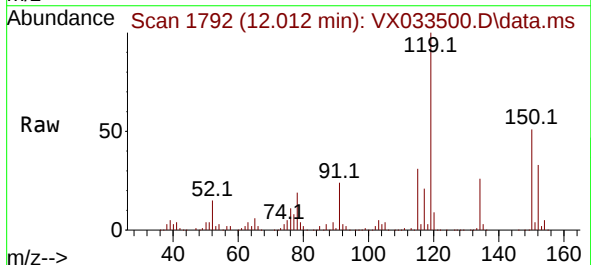
Tgt Ion:105 Resp: 14252
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

Manual Integrations
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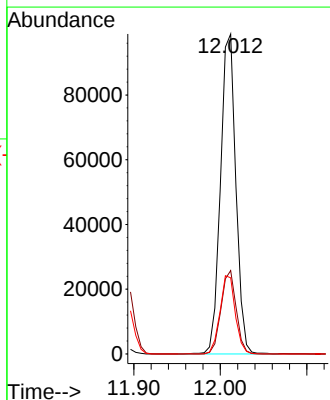
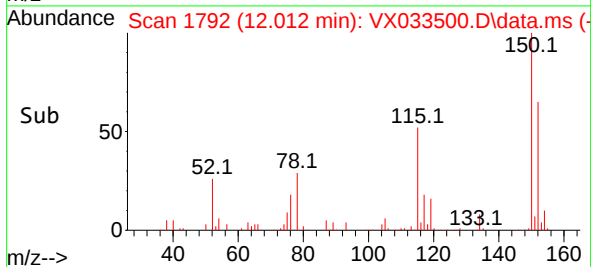
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

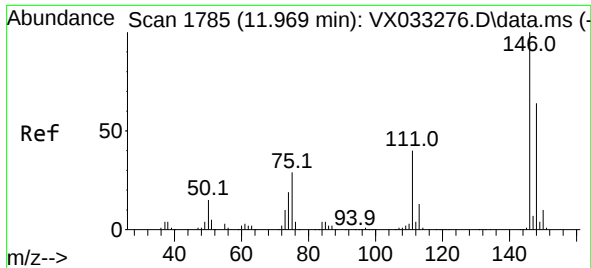


#86
 p-Isopropyltoluene
 Concen: 21.549 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033500.D
 Acq: 20 Dec 2022 11:59



Tgt Ion:119 Resp: 121943
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 24.3 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 21.102 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tgt Ion:146 Resp: 65418

Ion Ratio Lower Upper

146 100

111 40.0 20.6 61.8

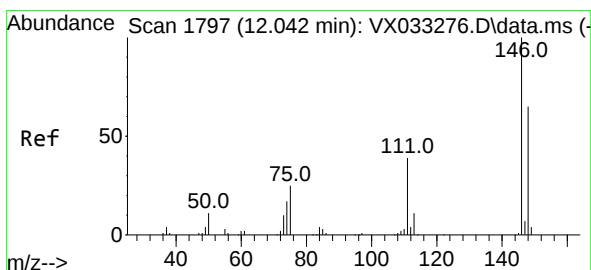
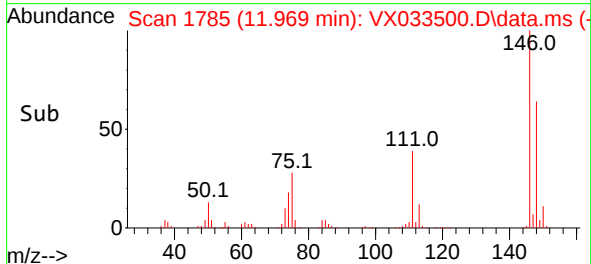
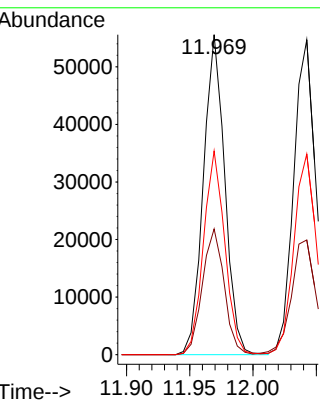
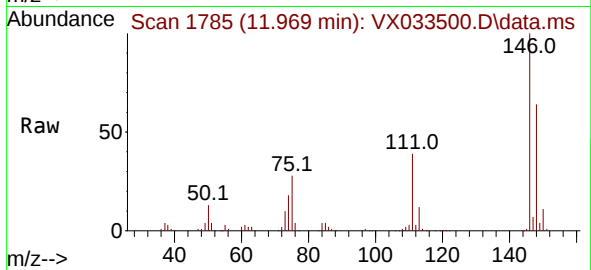
148 63.3 31.7 95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#88

1,4-Dichlorobenzene

Concen: 21.023 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

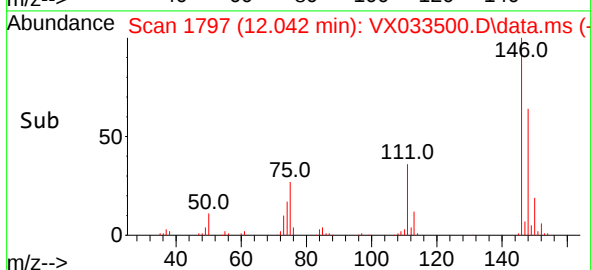
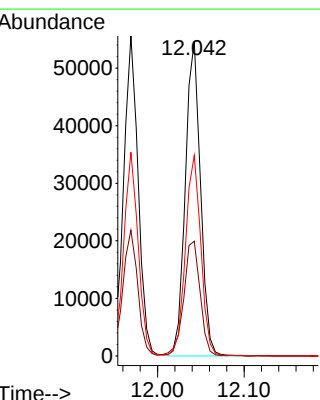
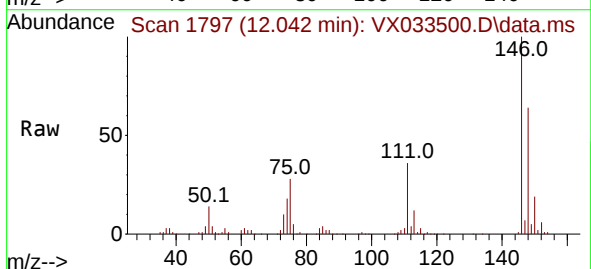
Tgt Ion:146 Resp: 66572

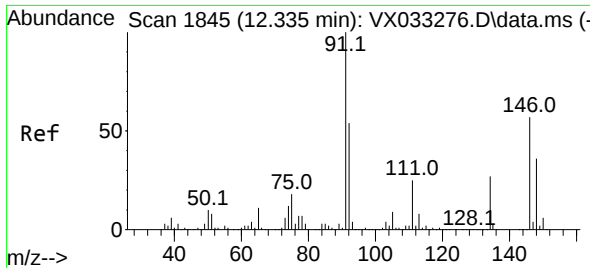
Ion Ratio Lower Upper

146 100

111 39.6 20.5 61.6

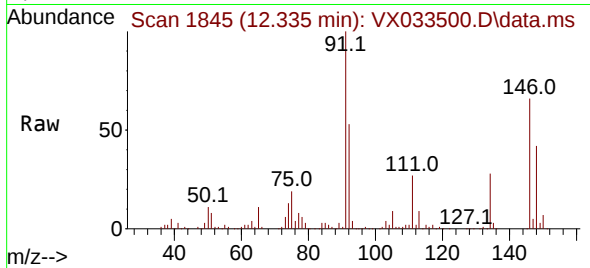
148 64.5 32.2 96.6





#89
n-Butylbenzene
Concen: 21.479 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

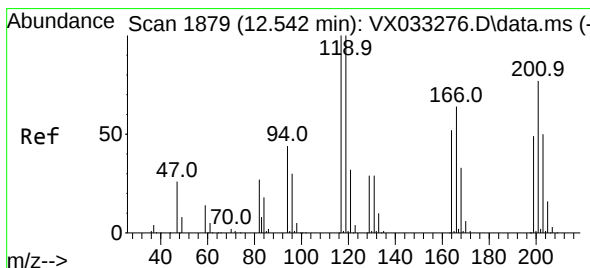
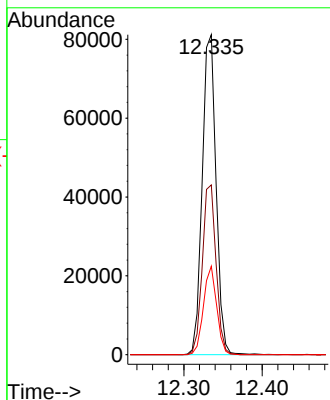
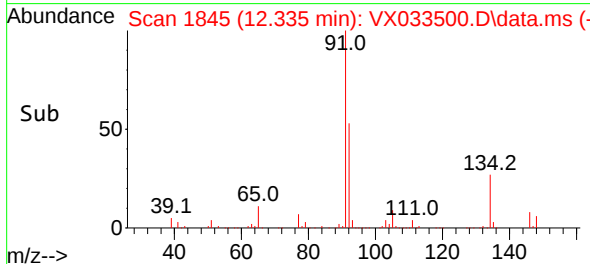
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01



Tgt Ion: 91 Resp: 99549
Ion Ratio Lower Upper
91 100
92 52.6 26.2 78.6
134 26.3 12.9 38.6

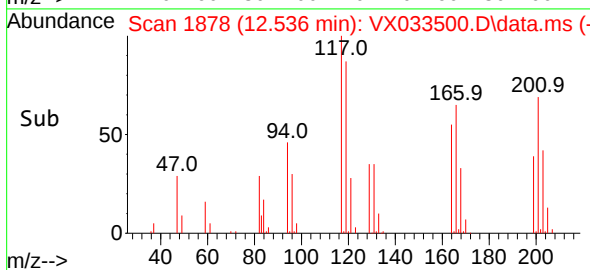
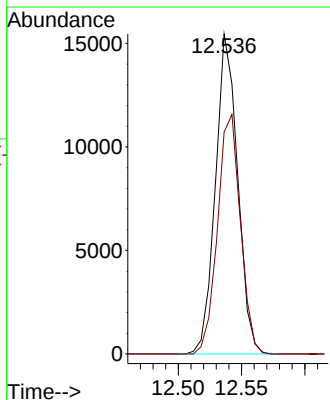
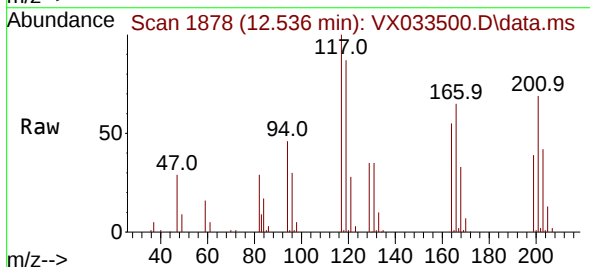
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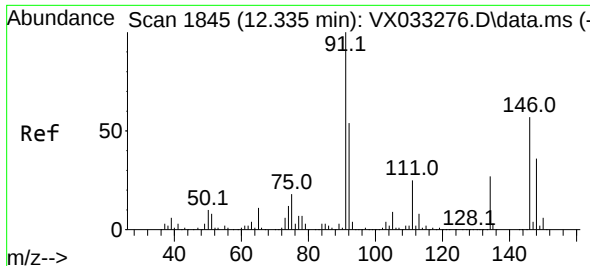
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#90
Hexachloroethane
Concen: 19.554 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion:117 Resp: 18809
Ion Ratio Lower Upper
117 100
201 77.2 37.6 112.9





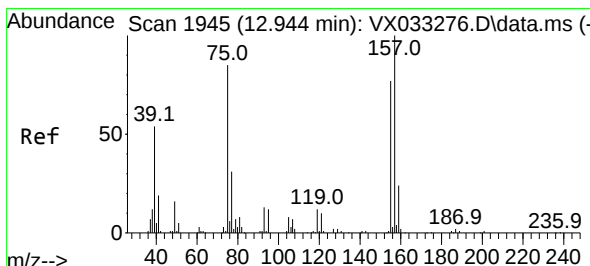
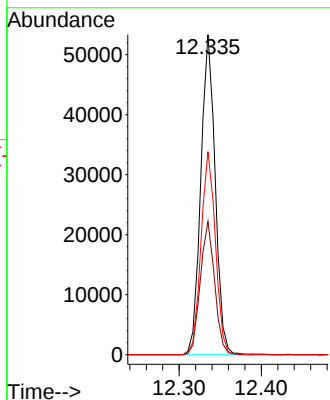
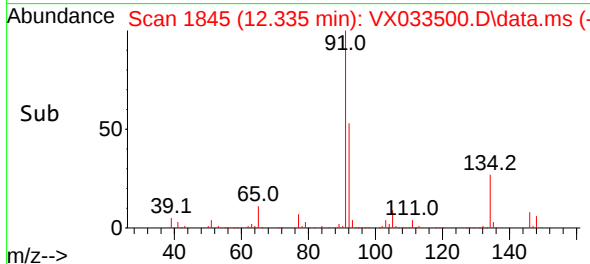
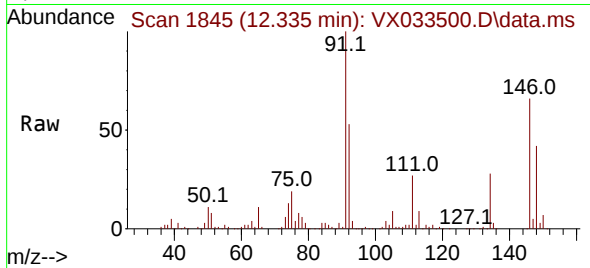
#91
1,2-Dichlorobenzene
Concen: 20.903 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion:146 Resp: 64780
Ion Ratio Lower Upper
146 100
111 41.4 21.5 64.5
148 63.5 32.0 96.2

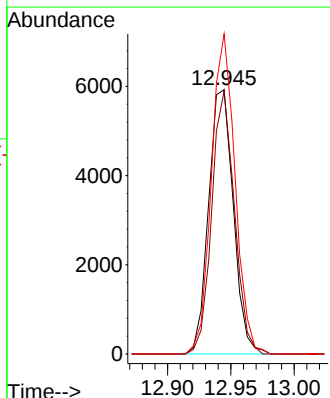
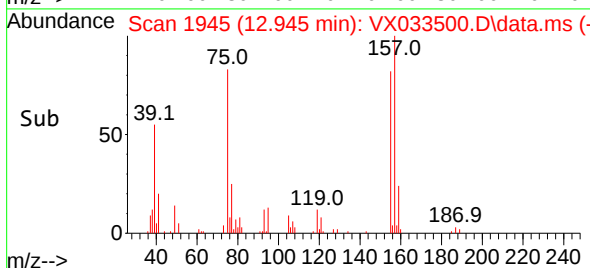
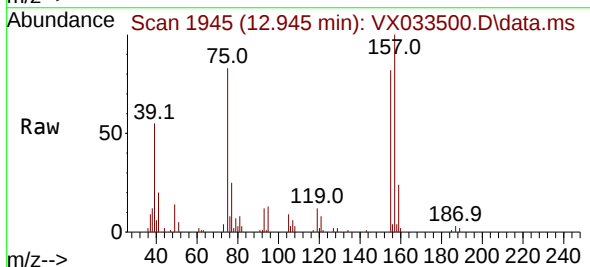
Manual Integrations
APPROVED

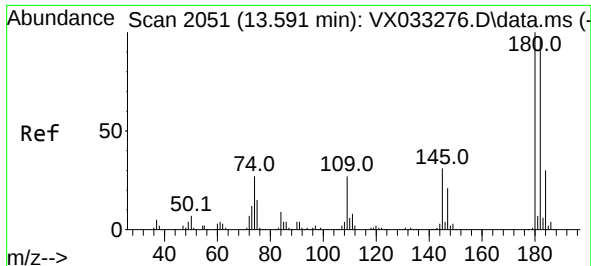
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.364 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion: 75 Resp: 8064
Ion Ratio Lower Upper
75 100
155 91.1 41.6 124.8
157 115.5 54.1 162.4





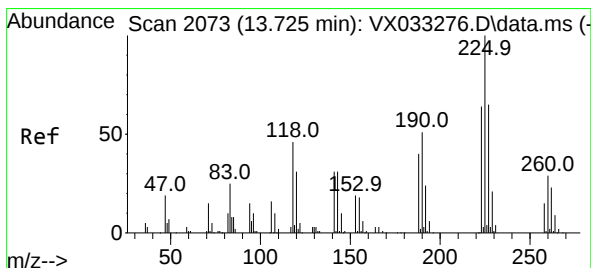
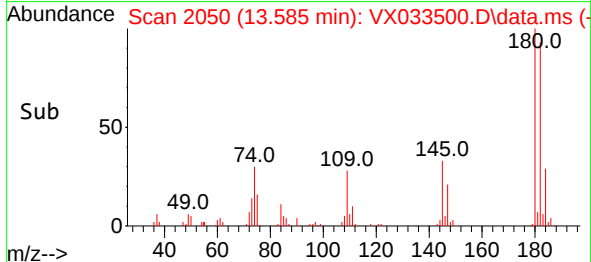
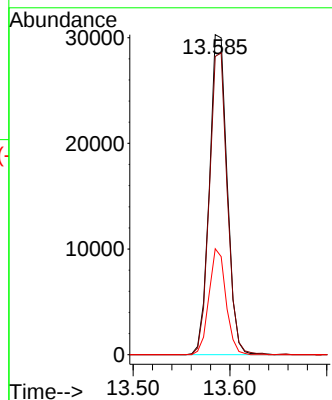
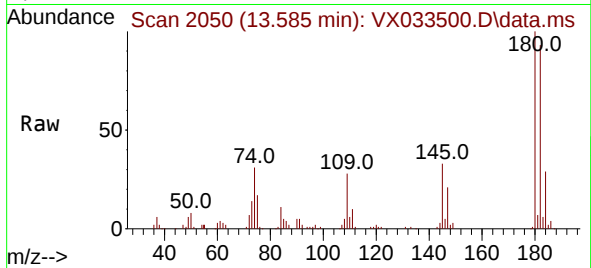
#93
1,2,4-Trichlorobenzene
Concen: 20.581 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBS01

Tgt Ion:180 Resp: 38524
Ion Ratio Lower Upper
180 100
182 95.0 48.4 145.0
145 31.7 16.2 48.5

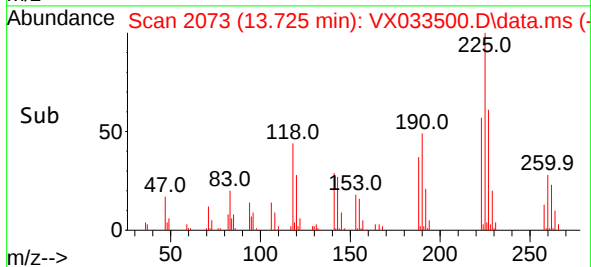
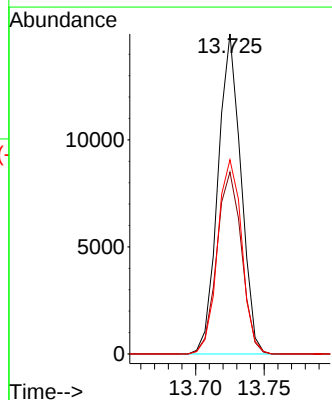
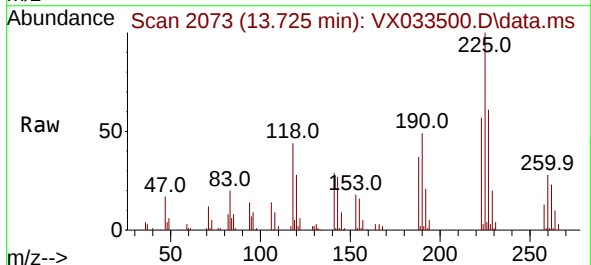
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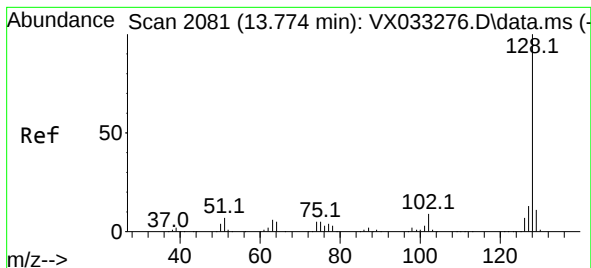
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#94
Hexachlorobutadiene
Concen: 23.227 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033500.D
Acq: 20 Dec 2022 11:59

Tgt Ion:225 Resp: 17410
Ion Ratio Lower Upper
225 100
223 61.1 31.9 95.9
227 64.0 31.9 95.5





#95

Naphthalene

Concen: 19.926 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBS01

Tgt Ion:128 Resp: 12441

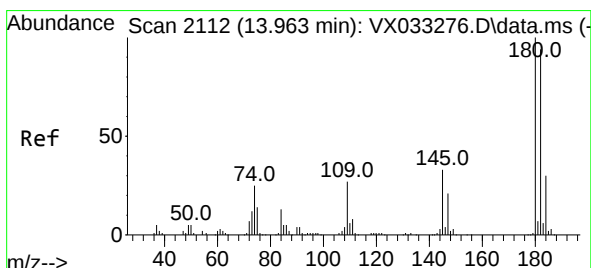
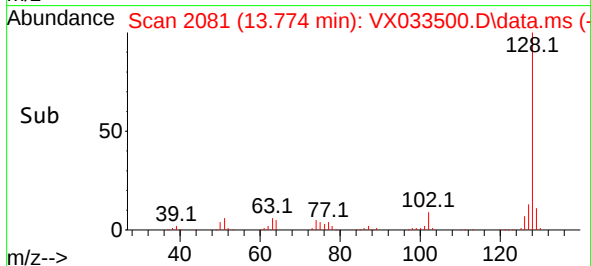
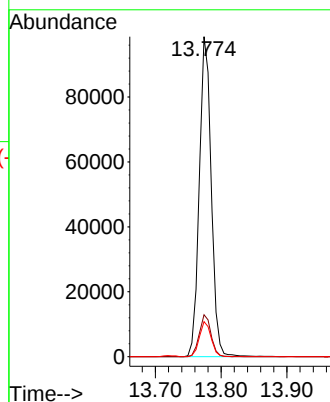
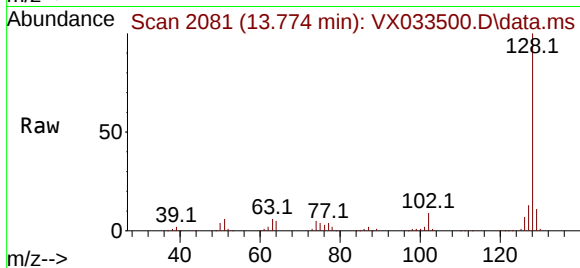
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	10.7	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#96

1,2,3-Trichlorobenzene

Concen: 20.445 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX033500.D

Acq: 20 Dec 2022 11:59

Tgt Ion:180 Resp: 38759

Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.6
145	33.3	16.9	50.6

