

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121322\
 Data File : VX033384.D
 Acq On : 13 Dec 2022 12:03
 Operator : JC/MD
 Sample : VX1213MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/14/2022
 Supervised By : Mahesh Dadoda 12/14/2022

Quant Time: Dec 14 05:35:04 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	138346	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214920	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	39900	44.956	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.920%		
35) Dibromofluoromethane	5.385	113	46578	48.184	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.360%		
50) Toluene-d8	8.647	98	98603	48.760	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.520%		
62) 4-Bromofluorobenzene	11.079	95	79263	51.262	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	17699	18.314	ug/l	93
3) Chloromethane	1.295	50	17998	16.107	ug/l	98
4) Vinyl Chloride	1.374	62	20768	16.278	ug/l	94
5) Bromomethane	1.618	94	15061	16.086	ug/l	98
6) Chloroethane	1.691	64	15622	16.143	ug/l	99
7) Trichlorofluoromethane	1.892	101	39538	16.507	ug/l	96
8) Diethyl Ether	2.130	74	10353	11.967	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	17470	13.749	ug/l	98
10) Methyl Iodide	2.453	142	21814	15.675	ug/l	98
11) Tert butyl alcohol	3.008	59	23714m	87.393	ug/l	
12) 1,1-Dichloroethene	2.319	96	15654	12.481	ug/l	98
13) Acrolein	2.239	56	19659	66.801	ug/l	100
14) Allyl chloride	2.666	41	33733	16.842	ug/l	97
15) Acrylonitrile	3.069	53	55343	82.335	ug/l	99
16) Acetone	2.398	43	50061	76.225	ug/l	99
17) Carbon Disulfide	2.514	76	54854	17.040	ug/l	100
18) Methyl Acetate	2.709	43	31890	16.774	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	78159	17.991	ug/l	99
20) Methylene Chloride	2.788	84	25158	17.176	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	24245	17.671	ug/l	96
22) Diisopropyl ether	3.757	45	75036	17.486	ug/l #	87
23) Vinyl Acetate	3.721	43	286930	86.145	ug/l	98
24) 1,1-Dichloroethane	3.611	63	42946	17.033	ug/l	98
25) 2-Butanone	4.562	43	78262	83.018	ug/l	98
26) 2,2-Dichloropropane	4.477	77	34189	18.438	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	29167	17.788	ug/l	97
28) Bromochloromethane	4.898	49	20361	19.291	ug/l	93
29) Tetrahydrofuran	5.007	42	48763	79.836	ug/l	97
30) Chloroform	5.093	83	50284	17.964	ug/l	99
31) Cyclohexane	5.471	56	37967	18.000	ug/l	91
32) 1,1,1-Trichloroethane	5.379	97	44552	18.499	ug/l	98
36) 1,1-Dichloropropene	5.690	75	34665	18.393	ug/l	98
37) Ethyl Acetate	4.715	43	29894	16.780	ug/l	100
38) Carbon Tetrachloride	5.678	117	40558	19.207	ug/l	93
39) Methylcyclohexane	7.379	83	41246	19.552	ug/l	98
40) Benzene	6.038	78	102005	18.563	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	17525	17.851	ug/l	95
42) 1,2-Dichloroethane	6.086	62	40661	18.634	ug/l	99
43) Isopropyl Acetate	6.336	43	49285	17.193	ug/l	97
44) Trichloroethene	7.123	130	28565	18.854	ug/l	96
45) 1,2-Dichloropropane	7.428	63	25122	17.876	ug/l	97
46) Dibromomethane	7.580	93	19290	18.019	ug/l	95
47) Bromodichloromethane	7.818	83	39176	18.773	ug/l	97
48) Methyl methacrylate	7.690	41	24942	16.859	ug/l	93
49) 1,4-Dioxane	7.720	88	12278	363.947	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	157052	86.637	ug/l	97
52) Toluene	8.720	92	67765	19.073	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	37093	18.222	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	41672	18.766	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	27863	18.656	ug/l	98
56) Ethyl methacrylate	9.116	69	38061	18.100	ug/l	93
57) 1,3-Dichloropropane	9.305	76	44324	18.475	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	82052	85.280	ug/l	98
59) 2-Hexanone	9.427	43	118349	88.593	ug/l	96
60) Dibromochloromethane	9.519	129	30734	18.678	ug/l	99
61) 1,2-Dibromoethane	9.610	107	29311	18.451	ug/l	99
64) Tetrachloroethene	9.275	164	26173	19.514	ug/l	93
65) Chlorobenzene	10.080	112	75020	18.888	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	28958	19.292	ug/l	99
67) Ethyl Benzene	10.195	91	133559	19.301	ug/l	100
68) m/p-Xylenes	10.299	106	105074	39.029	ug/l	98
69) o-Xylene	10.640	106	51282	19.271	ug/l	98
70) Styrene	10.653	104	84764	19.449	ug/l	98
71) Bromoform	10.799	173	22010	18.525	ug/l #	100
73) Isopropylbenzene	10.964	105	136242	19.122	ug/l	99
74) N-amyl acetate	10.842	43	42943	17.666	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	40307	17.832	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	36432m	18.217	ug/l	
77) Bromobenzene	11.201	156	33249	18.480	ug/l	99
78) n-propylbenzene	11.305	91	155492	19.545	ug/l	99
79) 2-Chlorotoluene	11.366	91	92843	18.884	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	114536	19.312	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	10112	15.728	ug/l	96
82) 4-Chlorotoluene	11.451	91	106820	18.685	ug/l	98
83) tert-Butylbenzene	11.713	119	113413	19.177	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	113495	19.171	ug/l	99
85) sec-Butylbenzene	11.890	105	134865	19.545	ug/l	99
86) p-Isopropyltoluene	12.012	119	116167	19.527	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	62357	19.133	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	63783	19.160	ug/l	100
89) n-Butylbenzene	12.335	91	96283	19.760	ug/l	99
90) Hexachloroethane	12.536	117	18337	18.134	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	61554	18.891	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	8086	16.562	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	37317	18.963	ug/l	98
94) Hexachlorobutadiene	13.725	225	16119	20.455	ug/l	100
95) Naphthalene	13.774	128	121663	18.535	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	37213	18.671	ug/l	98

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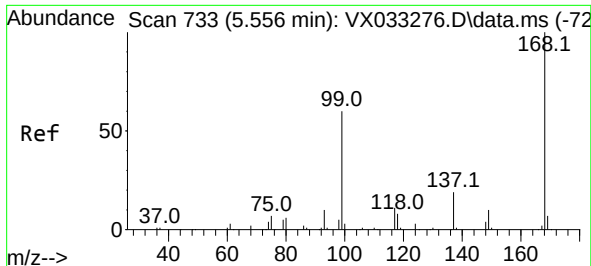
Manual Integrations
APPROVED

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Response via : Initial Calibration

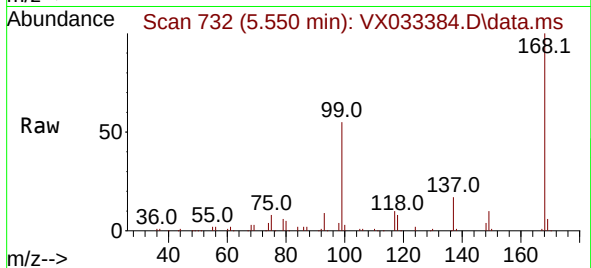
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
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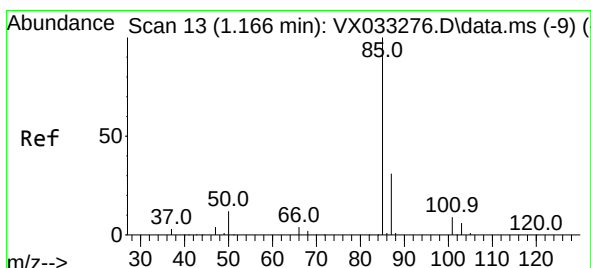
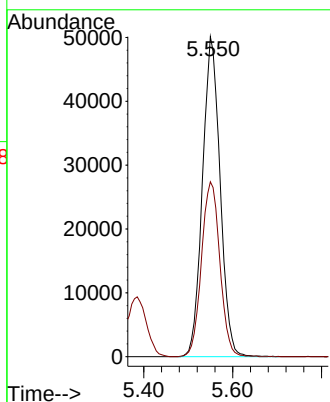
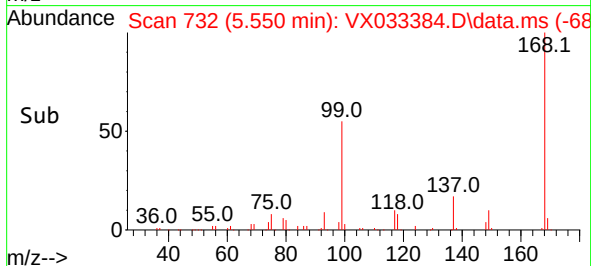
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



Tgt Ion:168 Resp: 138340
Ion Ratio Lower Upper
168 100
99 54.7 46.1 69.1

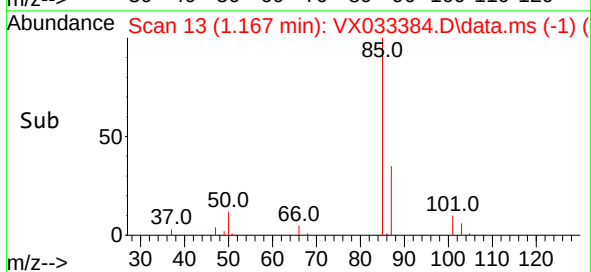
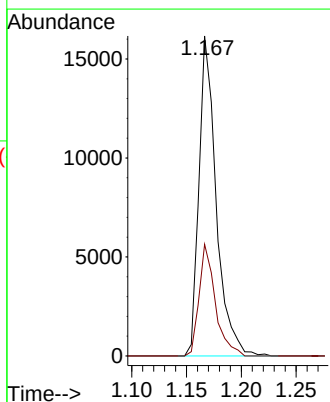
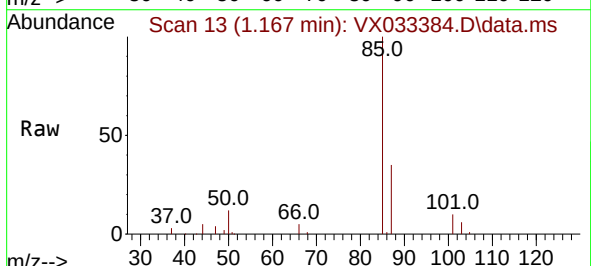
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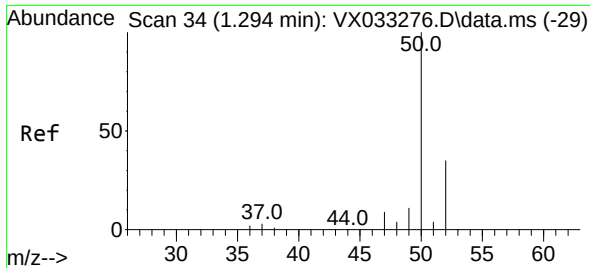
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#2
Dichlorodifluoromethane
Concen: 18.314 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 85 Resp: 17699
Ion Ratio Lower Upper
85 100
87 34.9 15.6 46.7





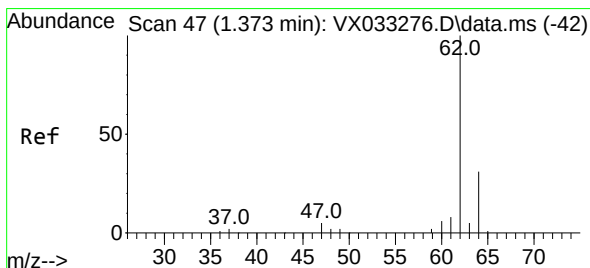
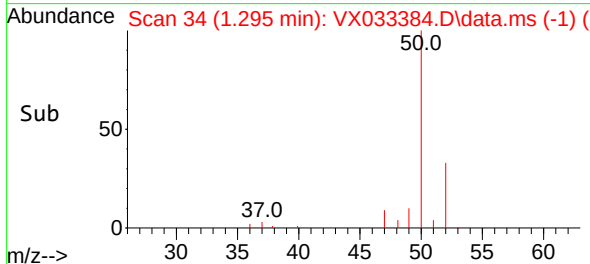
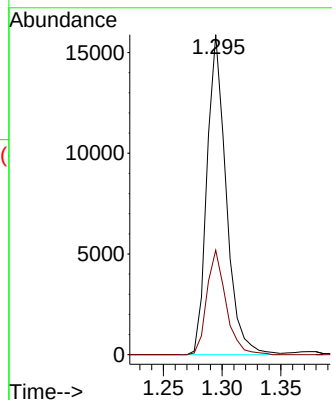
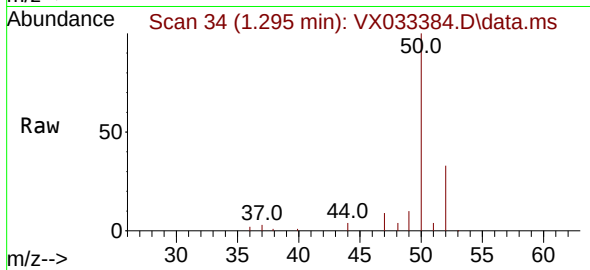
#3
Chloromethane
Concen: 16.107 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

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Tgt Ion: 50 Resp: 17998
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

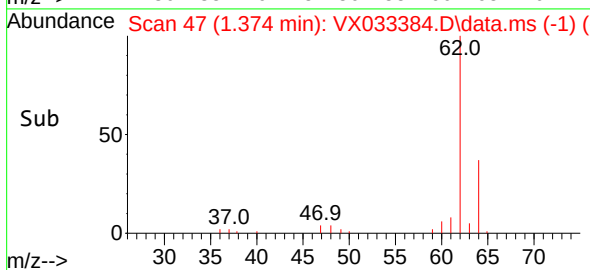
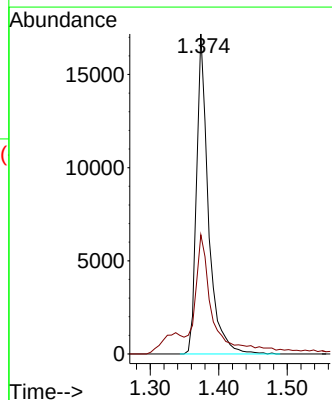
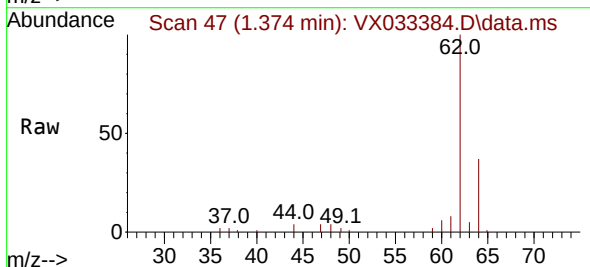
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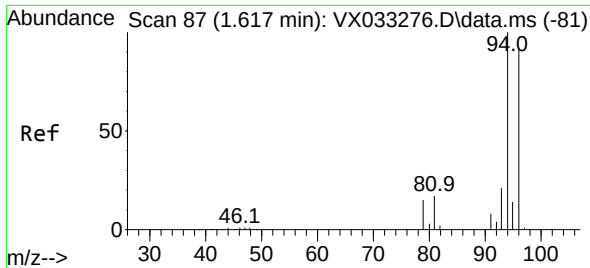
Reviewed By :John Carlone 12/14/2022
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#4
Vinyl Chloride
Concen: 16.278 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 62 Resp: 20768
Ion Ratio Lower Upper
62 100
64 35.8 25.8 38.6





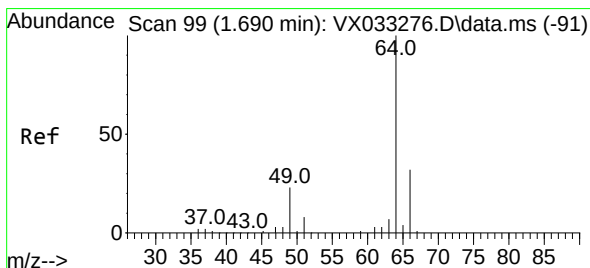
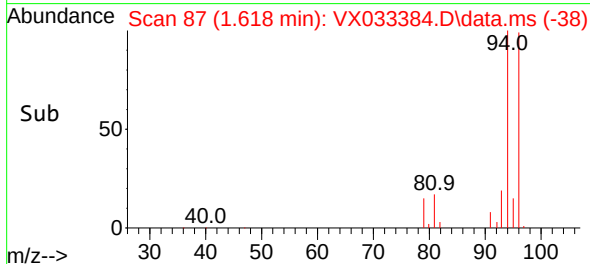
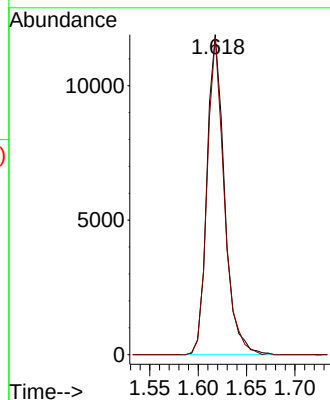
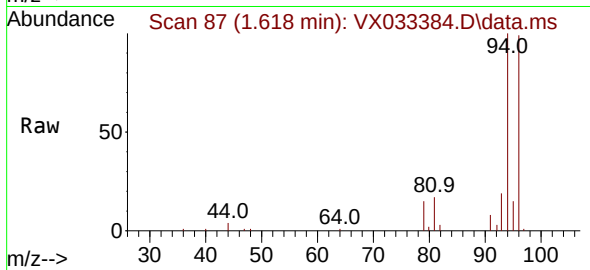
#5
Bromomethane
Concen: 16.086 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 1506
Ion Ratio Lower Upper
94 100
96 99.2 77.6 116.4

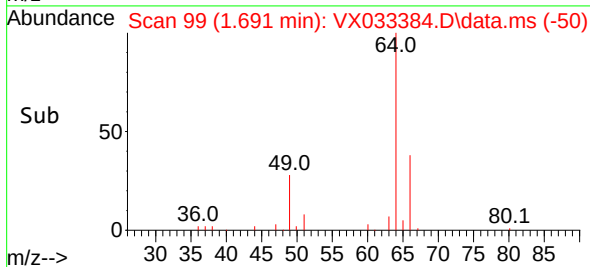
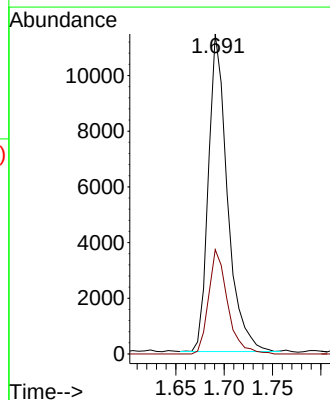
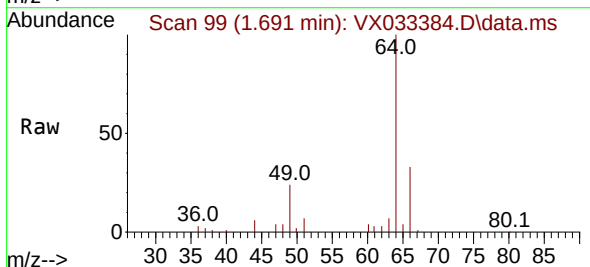
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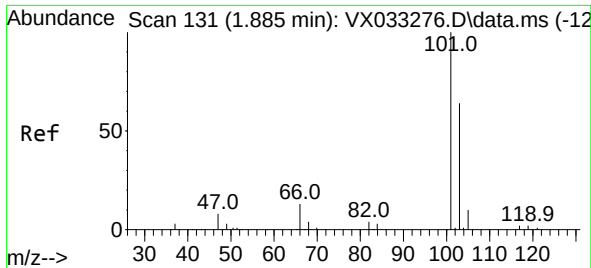
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#6
Chloroethane
Concen: 16.143 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 64 Resp: 15622
Ion Ratio Lower Upper
64 100
66 32.9 26.0 39.0





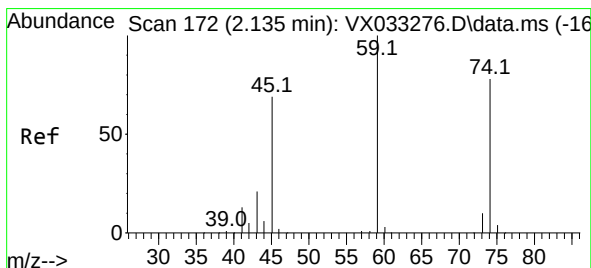
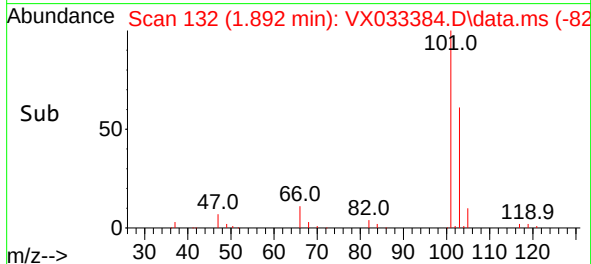
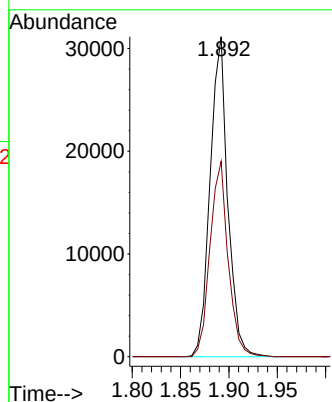
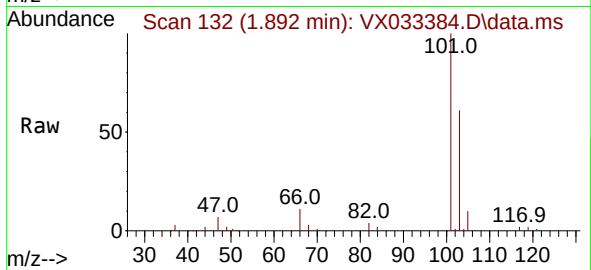
#7
Trichlorofluoromethane
Concen: 16.507 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion:101 Resp: 39538
Ion Ratio Lower Upper
101 100
103 61.0 51.4 77.2

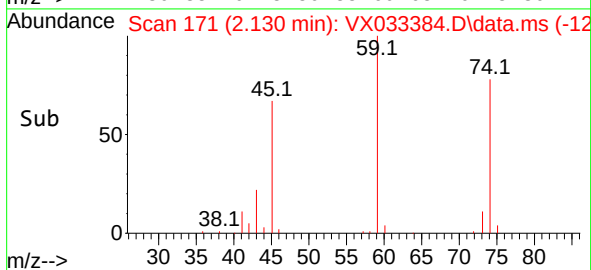
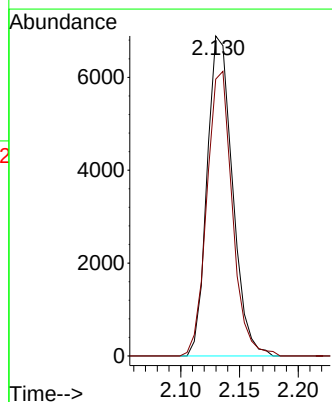
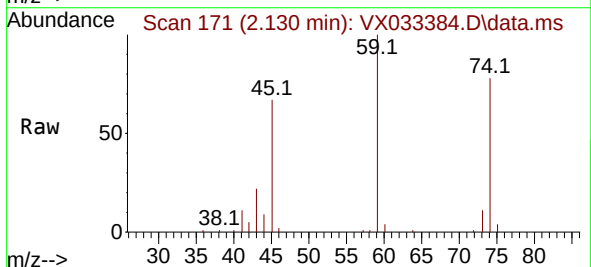
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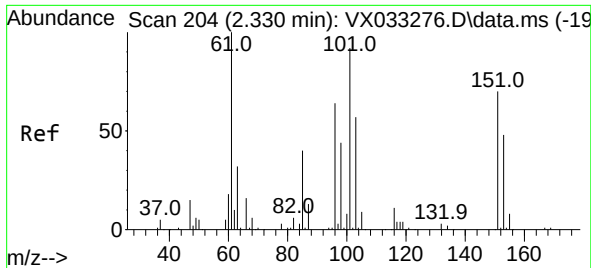
Reviewed By :John Carlone 12/14/2022
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#8
Diethyl Ether
Concen: 11.967 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 74 Resp: 10353
Ion Ratio Lower Upper
74 100
45 89.3 46.6 139.7





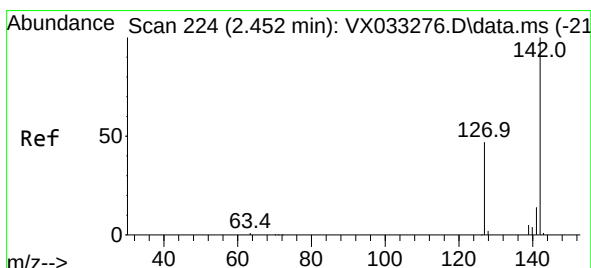
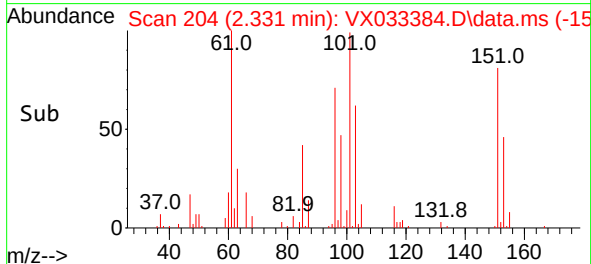
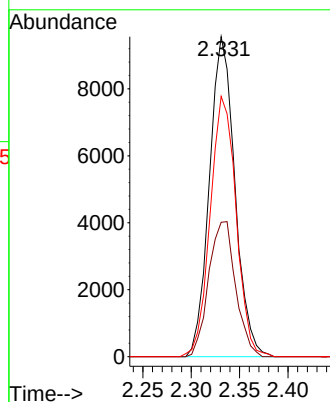
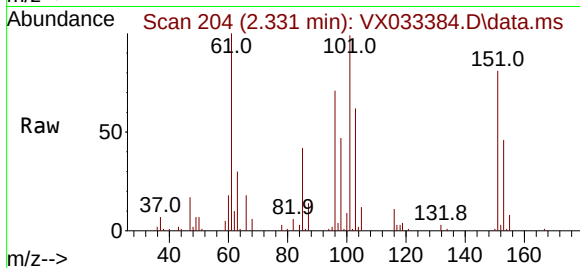
#9
1,1,2-Trichlorotrifluoroethane
Concen: 13.749 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion:101 Resp: 17470
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.4
151 82.6 64.4 96.6

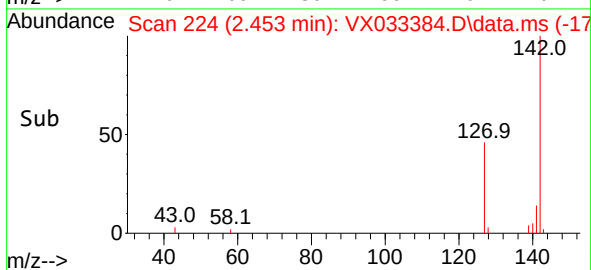
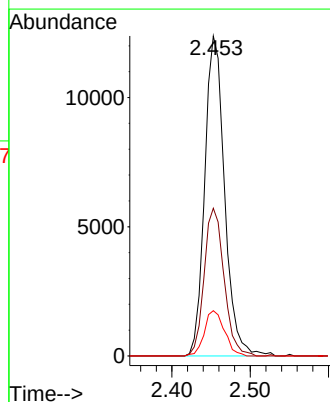
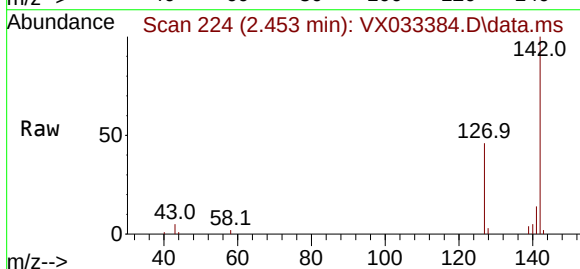
Manual Integrations
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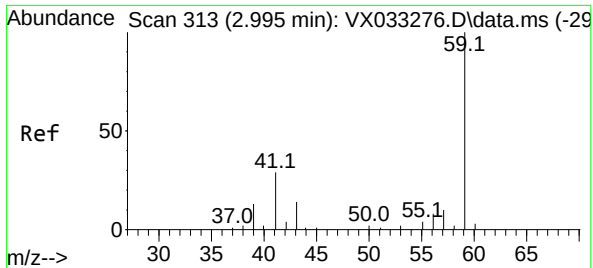
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#10
Methyl Iodide
Concen: 15.675 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion:142 Resp: 21814
Ion Ratio Lower Upper
142 100
127 46.1 38.6 57.8
141 14.3 11.4 17.2





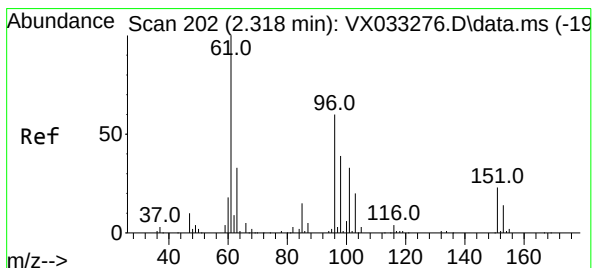
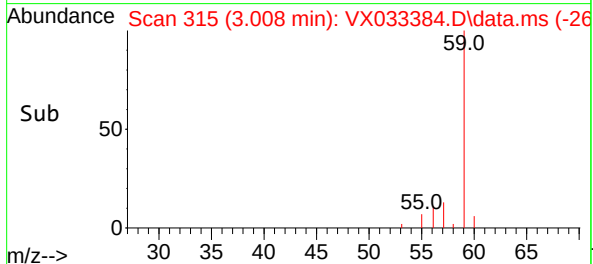
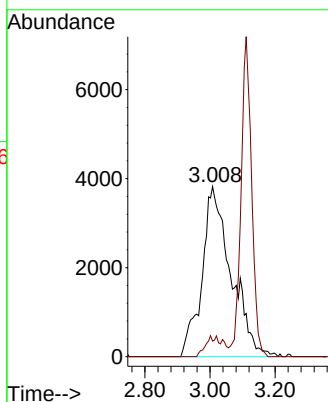
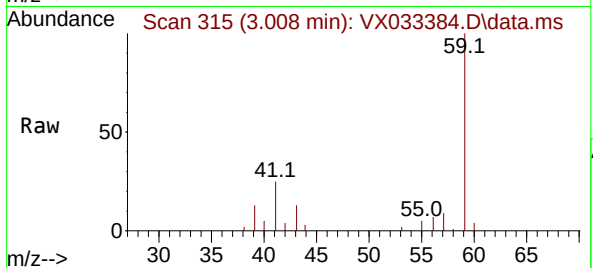
#11
Tert butyl alcohol
Concen: 87.393 ug/l m
RT: 3.008 min Scan# 313
Delta R.T. 0.013 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion: 59 Resp: 23714
Ion Ratio Lower Upper
59 100
57 3.7 8.2 12.4

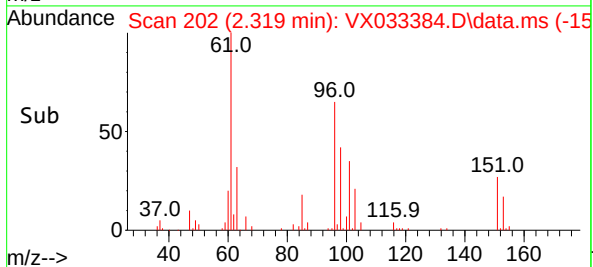
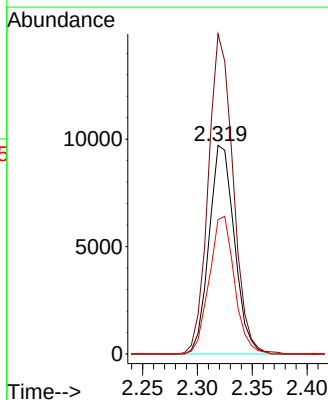
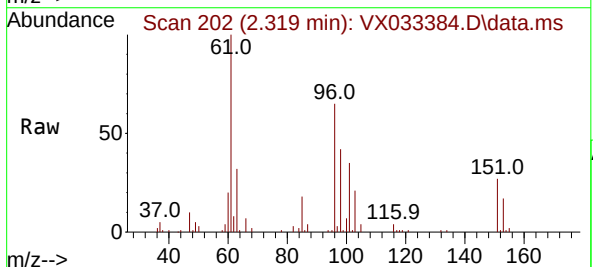
Manual Integrations
APPROVED

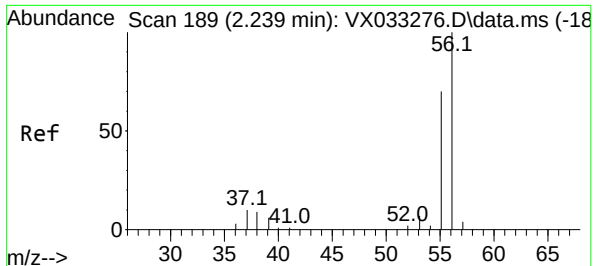
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#12
1,1-Dichloroethene
Concen: 12.481 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

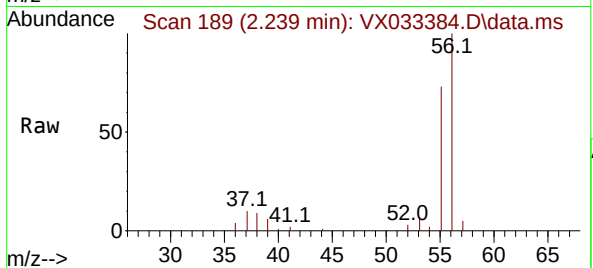
Tgt Ion: 96 Resp: 15654
Ion Ratio Lower Upper
96 100
61 153.4 125.1 187.7
98 64.5 50.6 76.0





#13
Acrolein
Concen: 66.801 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

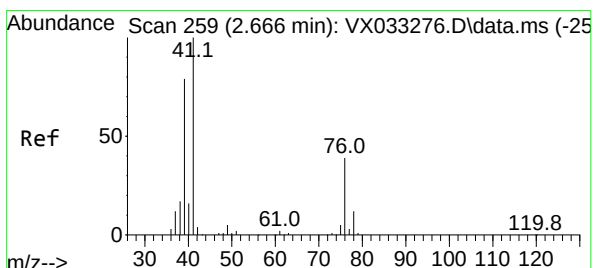
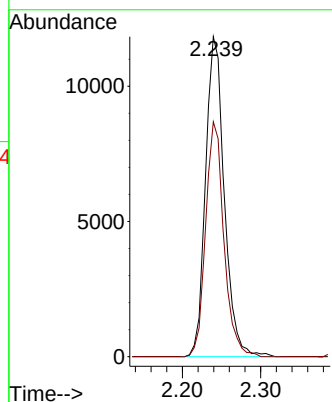
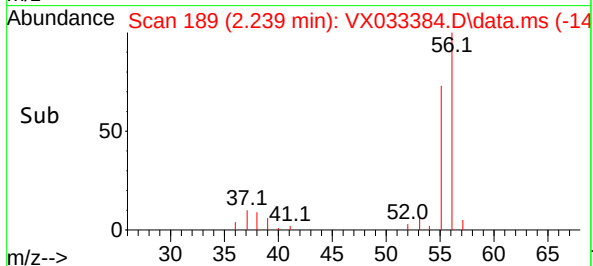
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



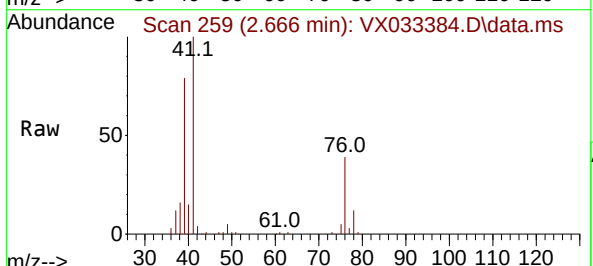
Tgt Ion: 56 Resp: 1965
Ion Ratio Lower Upper
56 100
55 71.4 56.9 85.3

Manual Integrations
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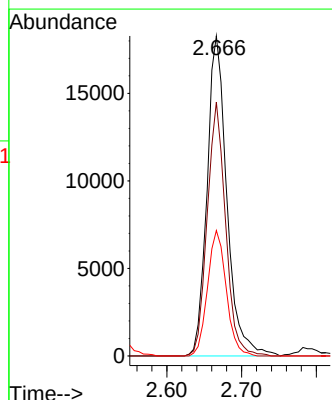
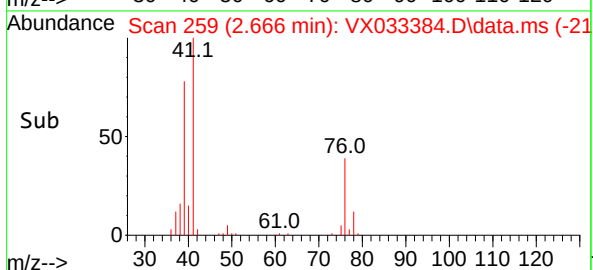
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

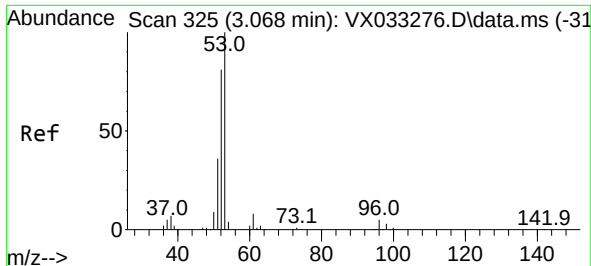


#14
Allyl chloride
Concen: 16.842 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03



Tgt Ion: 41 Resp: 33733
Ion Ratio Lower Upper
41 100
39 73.4 61.4 92.2
76 37.0 29.2 43.8





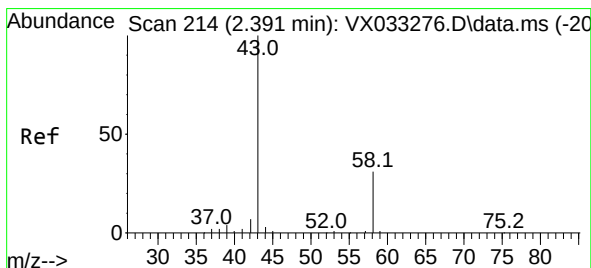
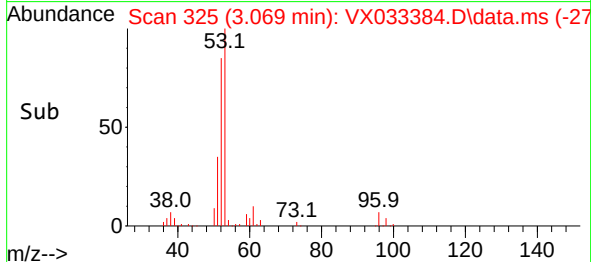
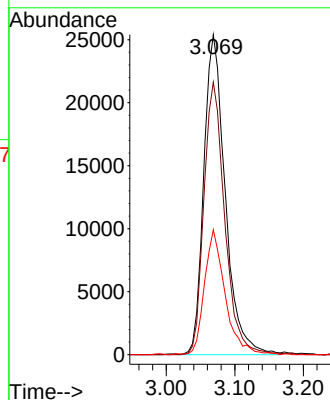
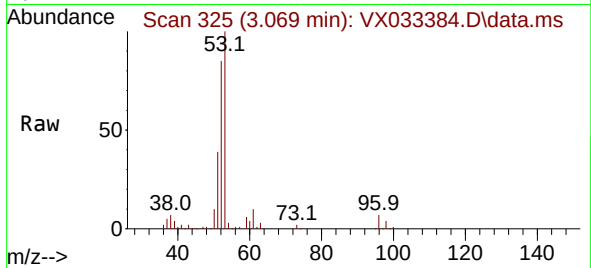
#15
Acrylonitrile
Concen: 82.335 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion: 53 Resp: 5534
Ion Ratio Lower Upper
53 100
52 83.1 67.4 101.0
51 37.7 30.3 45.5

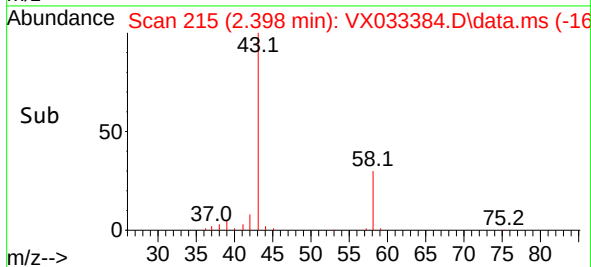
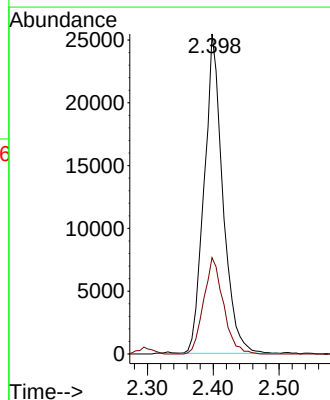
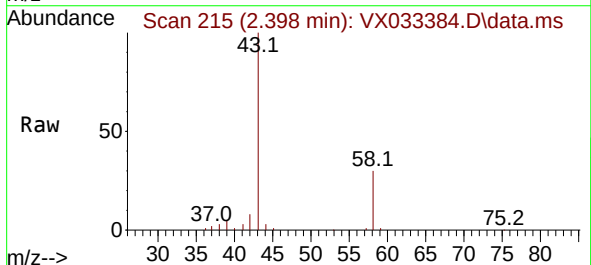
Manual Integrations
APPROVED

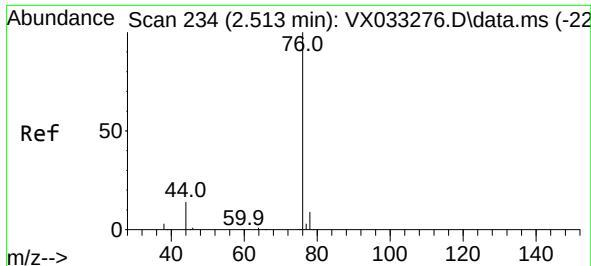
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#16
Acetone
Concen: 76.225 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.007 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 43 Resp: 50061
Ion Ratio Lower Upper
43 100
58 30.2 23.8 35.8





#17

Carbon Disulfide

Concen: 17.040 ug/l

RT: 2.514 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

Tgt Ion: 76 Resp: 54854

Ion Ratio Lower Upper

76 100

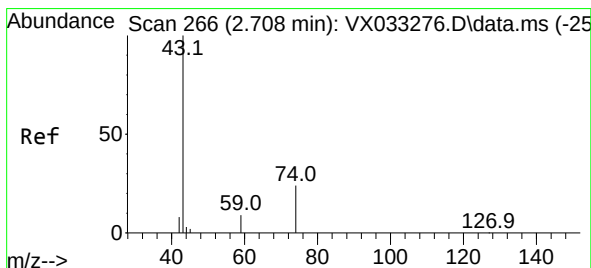
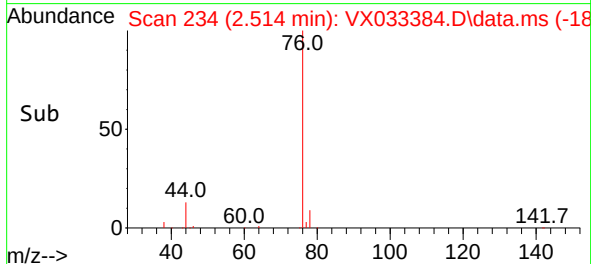
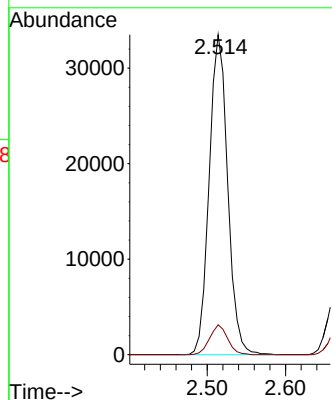
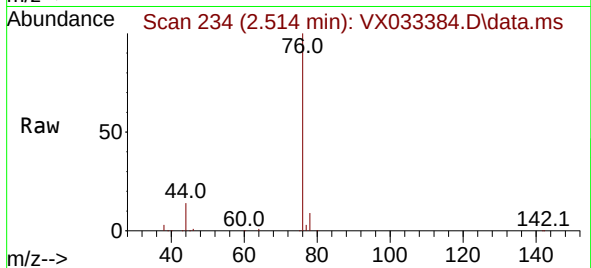
78 9.4 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#18

Methyl Acetate

Concen: 16.774 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.000 min

Lab File: VX033384.D

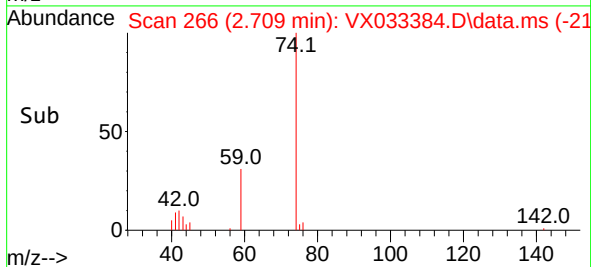
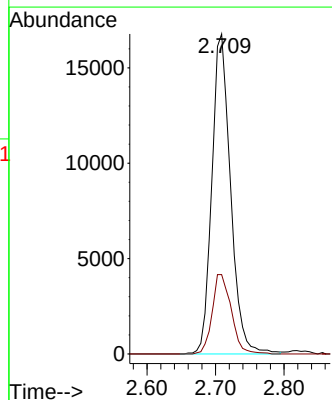
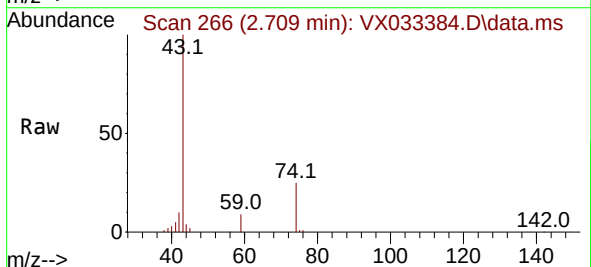
Acq: 13 Dec 2022 12:03

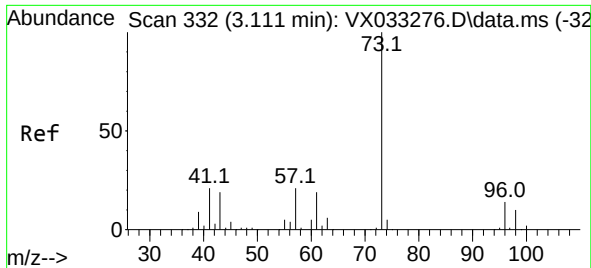
Tgt Ion: 43 Resp: 31890

Ion Ratio Lower Upper

43 100

74 25.3 19.4 29.0





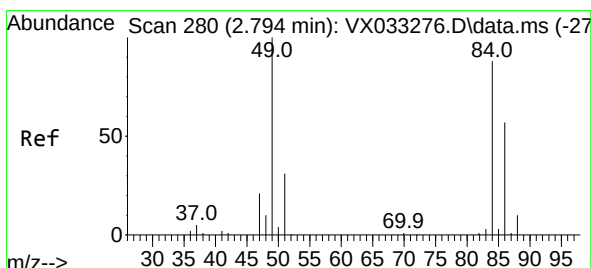
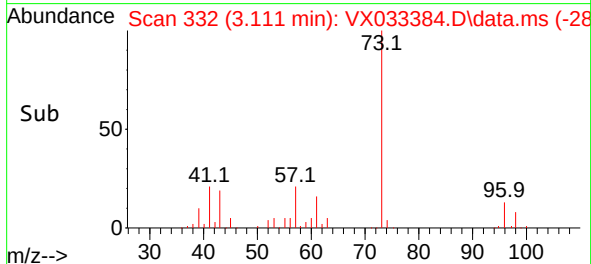
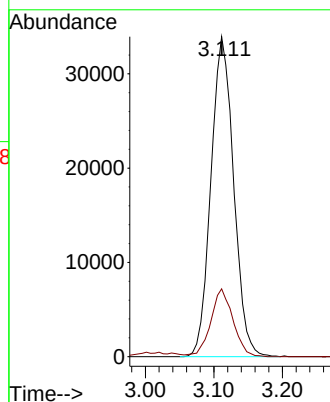
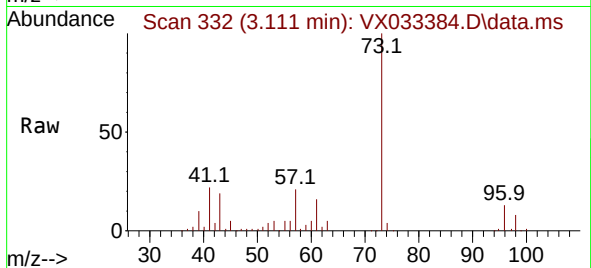
#19
Methyl tert-butyl Ether
Concen: 17.991 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion: 73 Resp: 78158
Ion Ratio Lower Upper
73 100
57 21.2 16.6 25.0

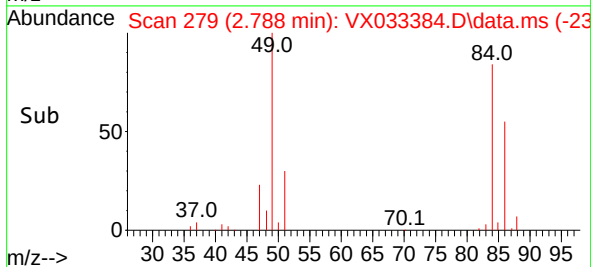
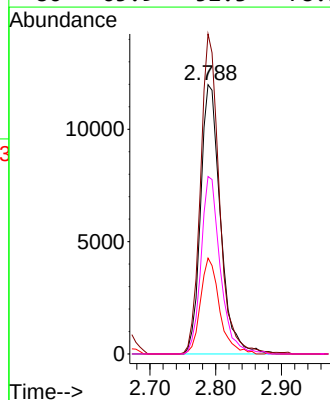
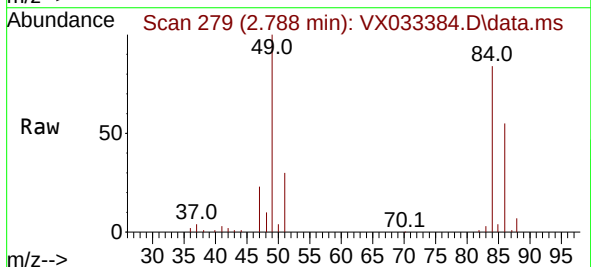
Manual Integrations
APPROVED

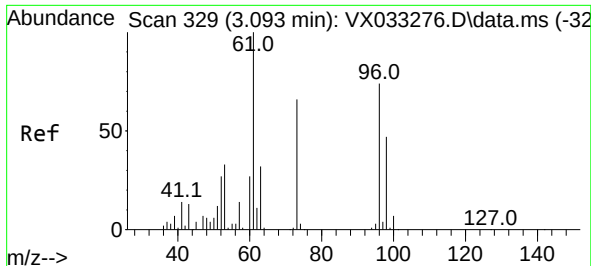
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#20
Methylene Chloride
Concen: 17.176 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

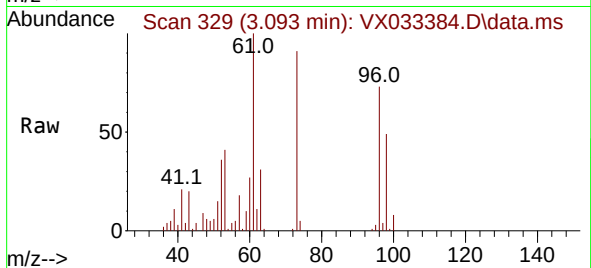
Tgt Ion: 84 Resp: 25158
Ion Ratio Lower Upper
84 100
49 118.8 101.0 151.6
51 35.6 31.1 46.7
86 65.9 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 17.671 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

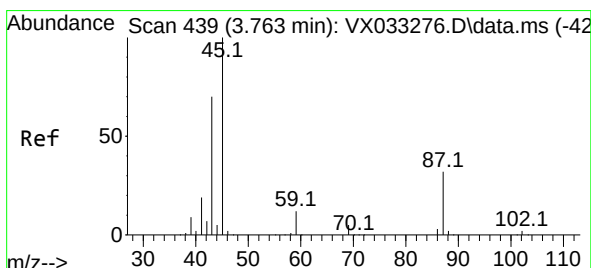
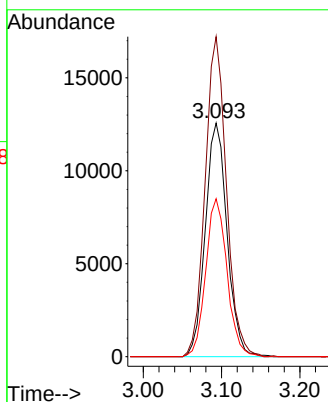
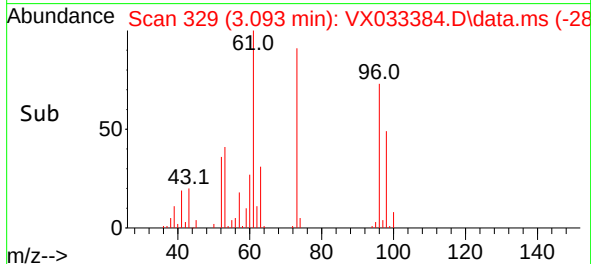
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



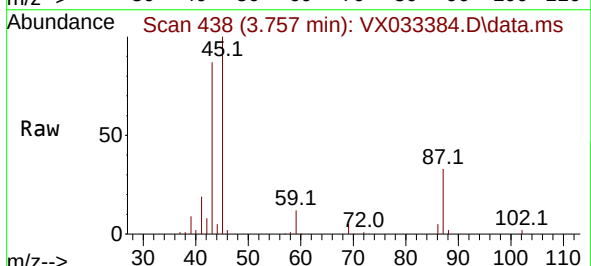
Tgt Ion: 96 Resp: 2424
Ion Ratio Lower Upper
96 100
61 137.0 106.6 160.0
98 67.6 51.0 76.6

Manual Integrations
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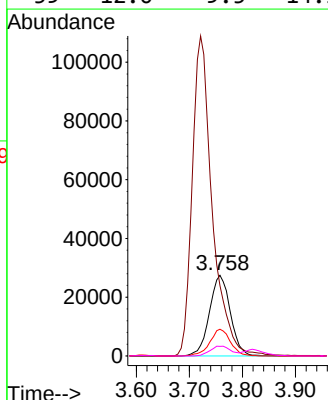
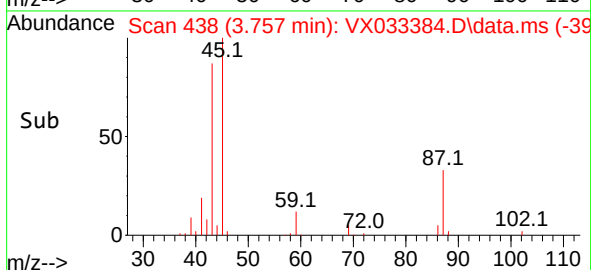
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

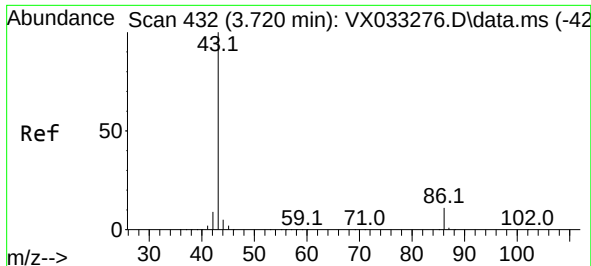


#22
Diisopropyl ether
Concen: 17.486 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03



Tgt Ion: 45 Resp: 75036
Ion Ratio Lower Upper
45 100
43 86.1 56.4 84.6#
87 33.2 24.4 36.6
59 12.0 9.5 14.3





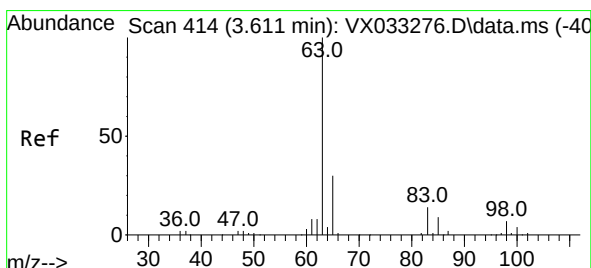
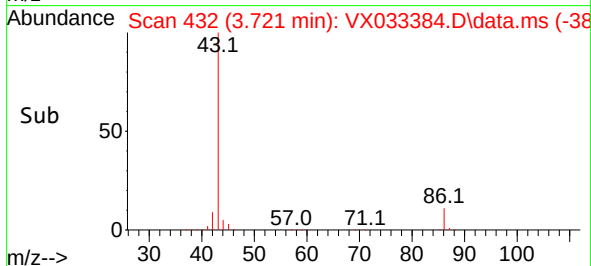
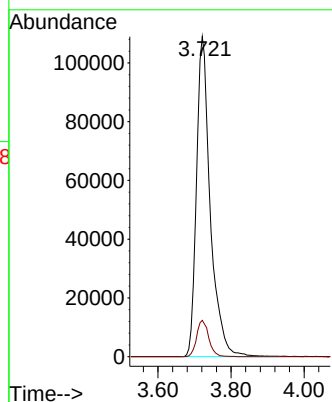
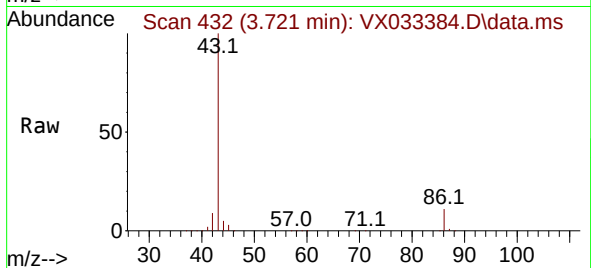
#23
 Vinyl Acetate
 Concen: 86.145 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033384.D
 Acq: 13 Dec 2022 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213MBS01

Tgt Ion: 43 Resp: 286930
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.6 12.8

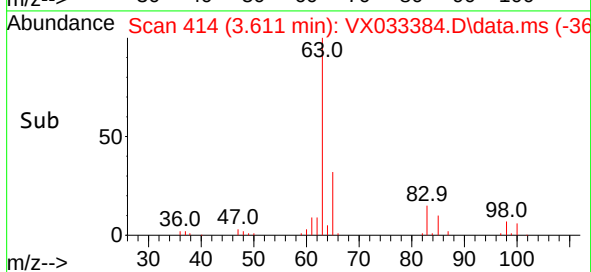
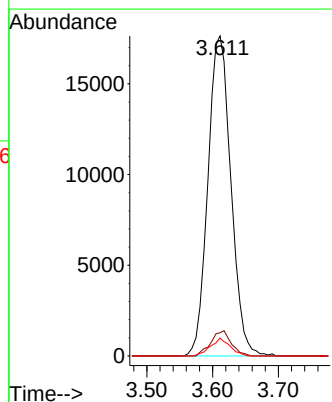
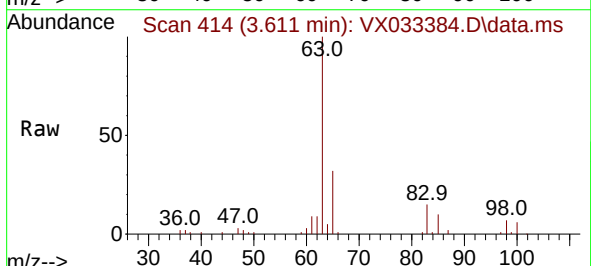
Manual Integrations
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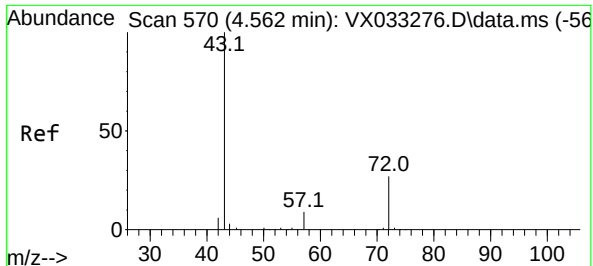
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#24
 1,1-Dichloroethane
 Concen: 17.033 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.000 min
 Lab File: VX033384.D
 Acq: 13 Dec 2022 12:03

Tgt Ion: 63 Resp: 42946
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.4
 100 5.6 2.3 6.8





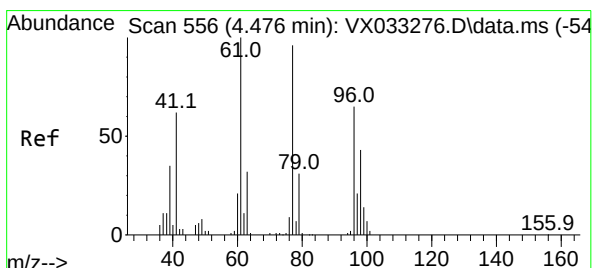
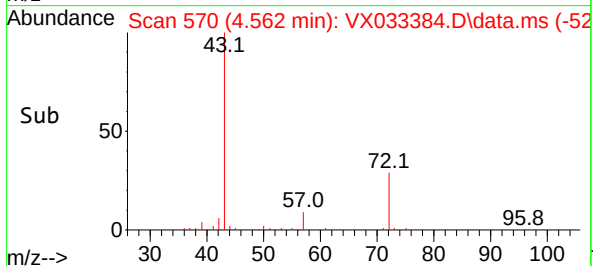
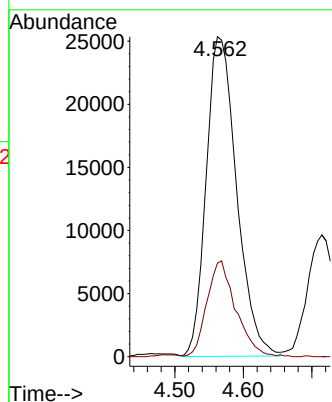
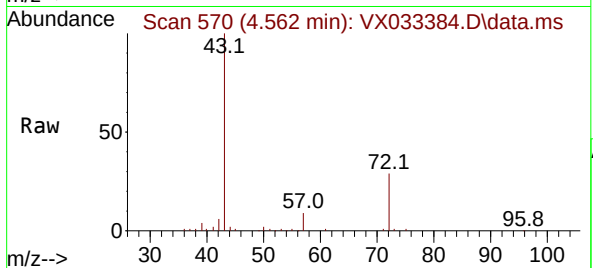
#25
2-Butanone
Concen: 83.018 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion: 43 Resp: 7826
Ion Ratio Lower Upper
43 100
72 28.9 22.2 33.2

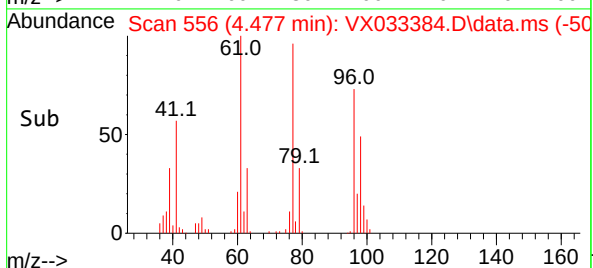
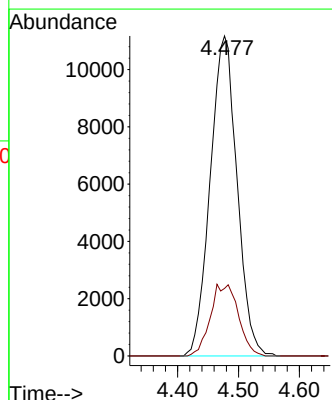
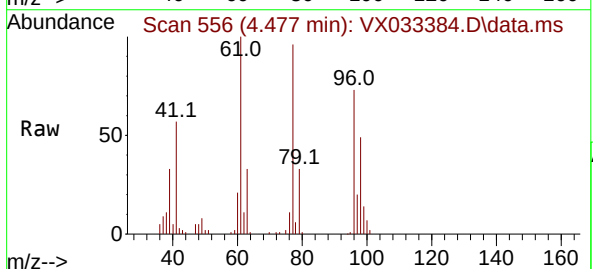
Manual Integrations
APPROVED

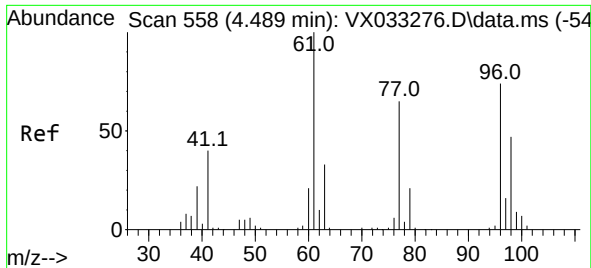
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#26
2,2-Dichloropropane
Concen: 18.438 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

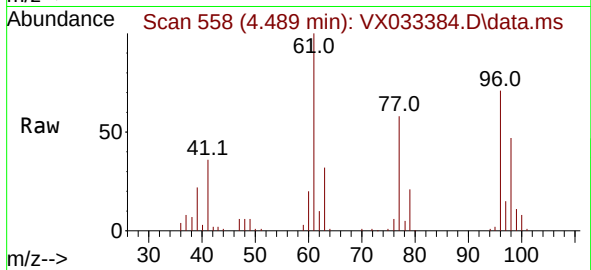
Tgt Ion: 77 Resp: 34189
Ion Ratio Lower Upper
77 100
97 23.4 11.4 34.1





#27
 cis-1,2-Dichloroethene
 Concen: 17.788 ug/l
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX033384.D
 Acq: 13 Dec 2022 12:03

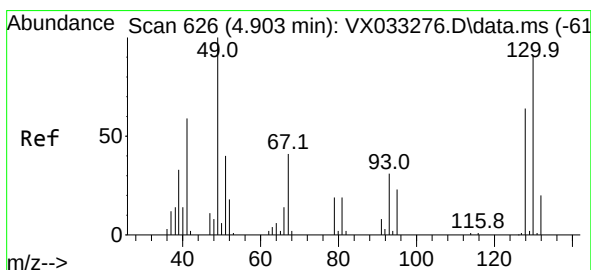
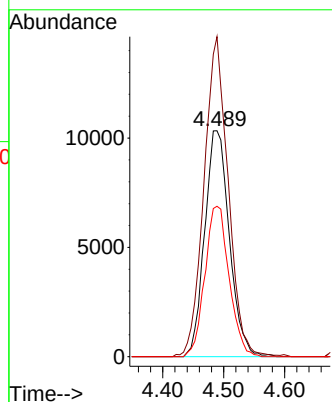
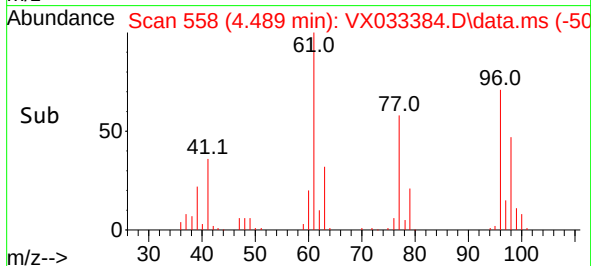
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213MBS01



Tgt Ion: 96 Resp: 2916
 Ion Ratio Lower Upper
 96 100
 61 138.5 0.0 286.0
 98 65.2 0.0 129.6

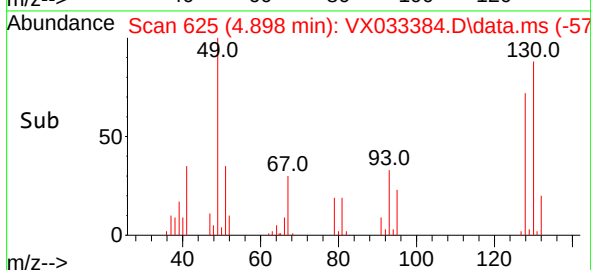
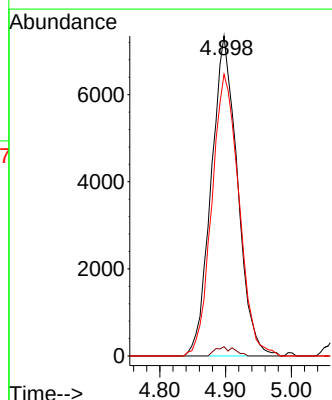
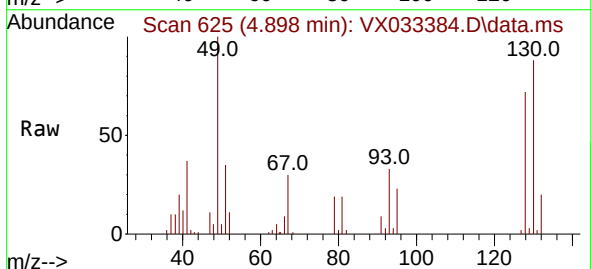
Manual Integrations
 APPROVED

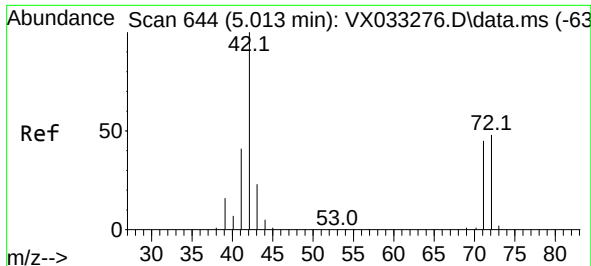
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#28
 Bromochloromethane
 Concen: 19.291 ug/l
 RT: 4.898 min Scan# 625
 Delta R.T. -0.006 min
 Lab File: VX033384.D
 Acq: 13 Dec 2022 12:03

Tgt Ion: 49 Resp: 20361
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.8
 130 91.3 67.5 101.3





#29

Tetrahydrofuran

Concen: 79.836 ug/l

RT: 5.007 min Scan# 64

Delta R.T. -0.006 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

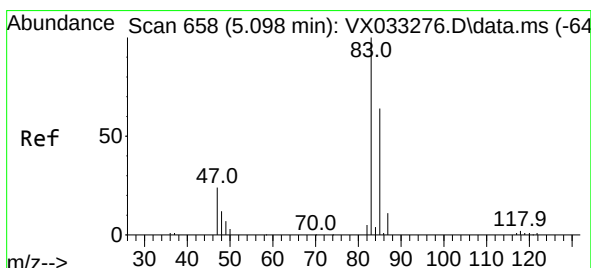
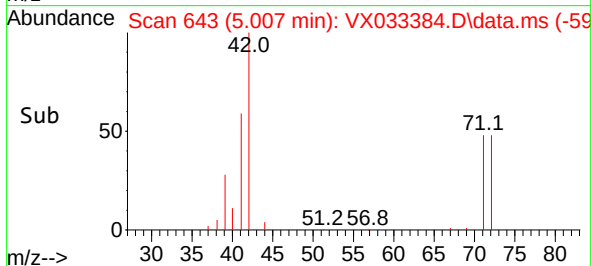
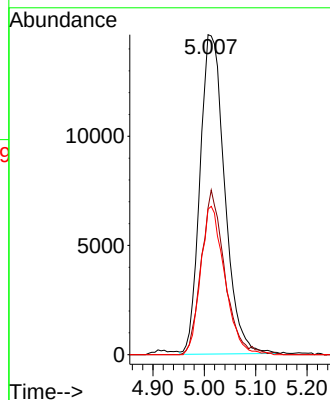
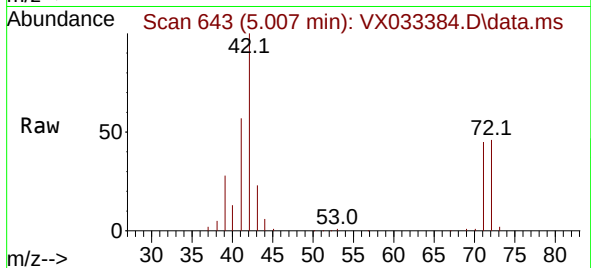
Tgt Ion:	42	Resp:	4876
Ion	Ratio	Lower	Upper
42	100		
72	48.9	37.6	56.4
71	45.5	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#30

Chloroform

Concen: 17.964 ug/l

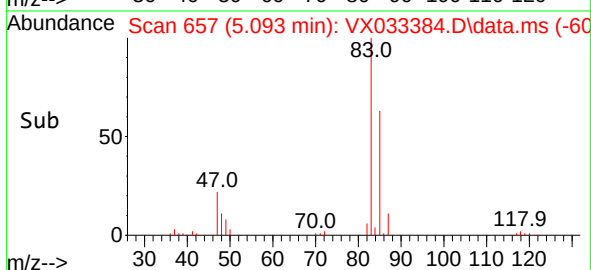
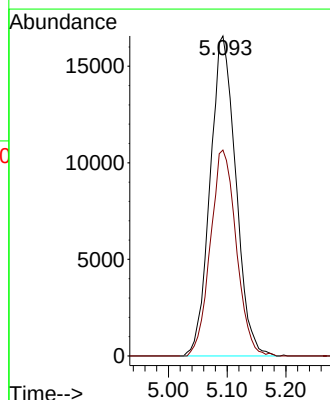
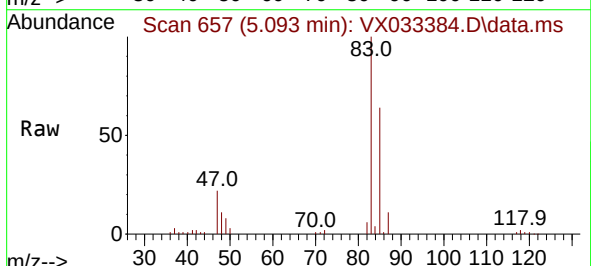
RT: 5.093 min Scan# 657

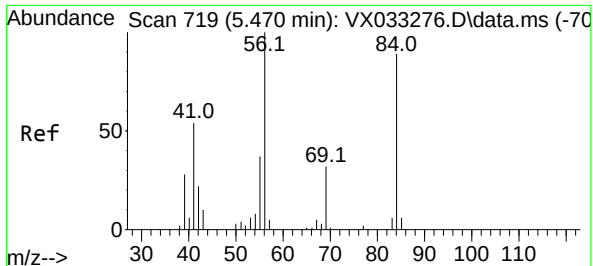
Delta R.T. -0.006 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Tgt Ion:	83	Resp:	50284
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.1	76.7





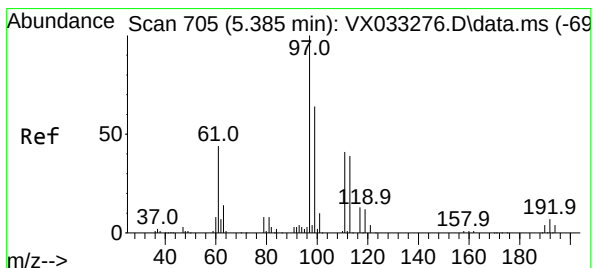
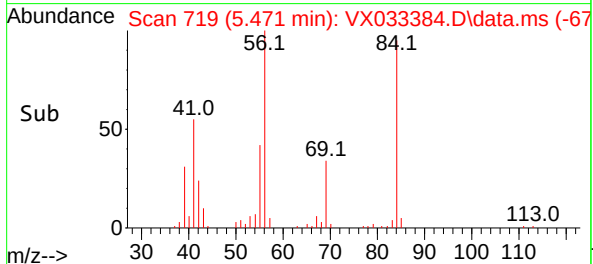
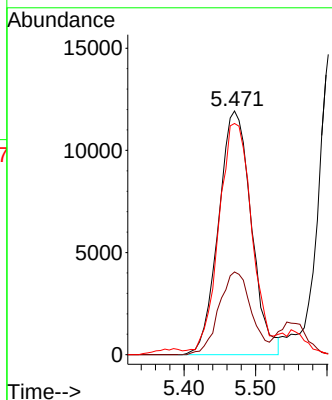
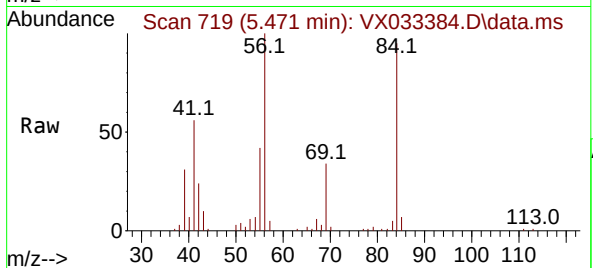
#31
Cyclohexane
Concen: 18.000 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion: 56 Resp: 3796
Ion Ratio Lower Upper
56 100
69 33.9 24.1 36.1
84 92.8 66.9 100.3

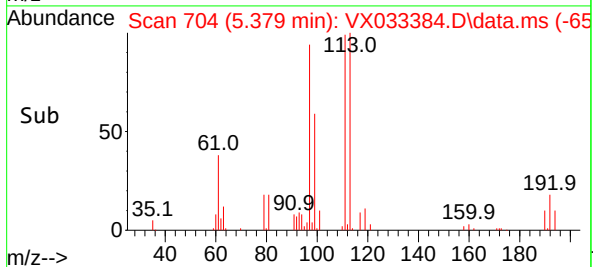
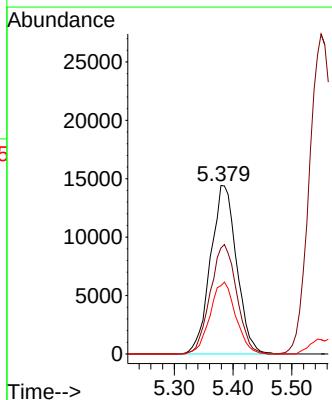
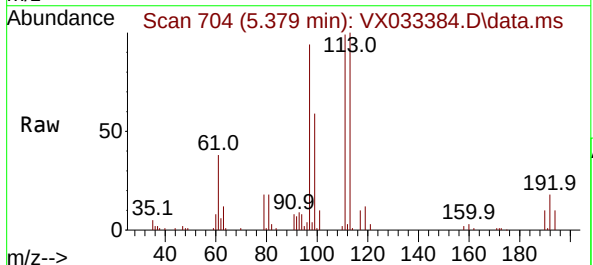
Manual Integrations
APPROVED

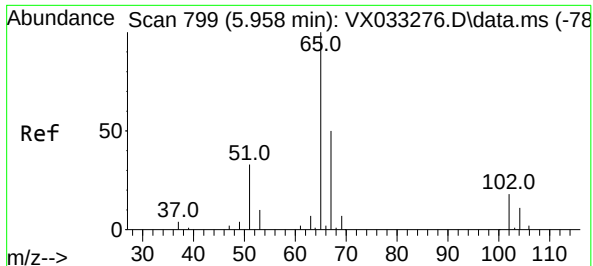
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#32
1,1,1-Trichloroethane
Concen: 18.499 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 97 Resp: 44552
Ion Ratio Lower Upper
97 100
99 65.5 51.4 77.0
61 41.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.956 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

Tgt Ion: 65 Resp: 39900

Ion Ratio Lower Upper

65 100

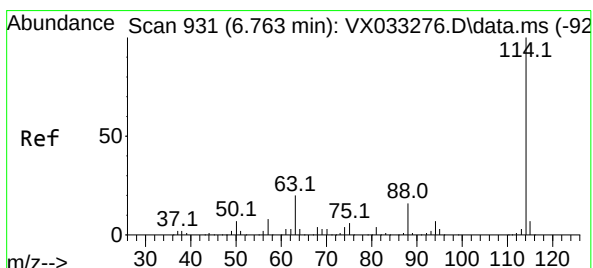
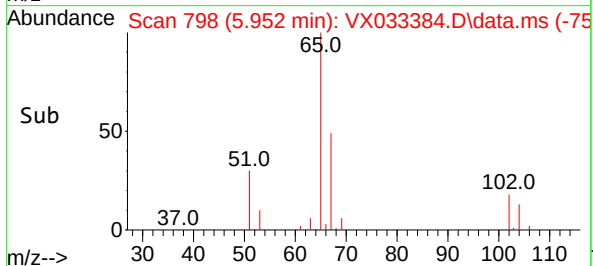
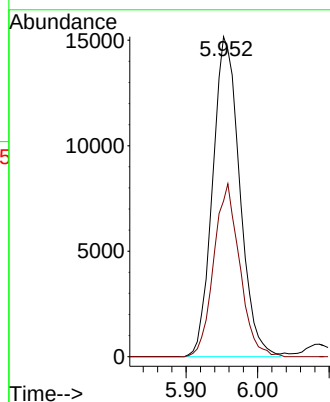
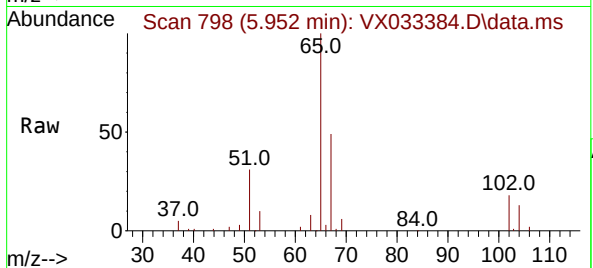
67 51.6 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

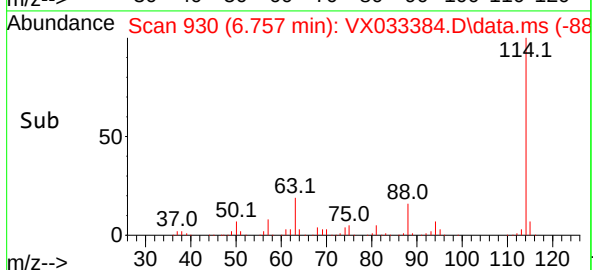
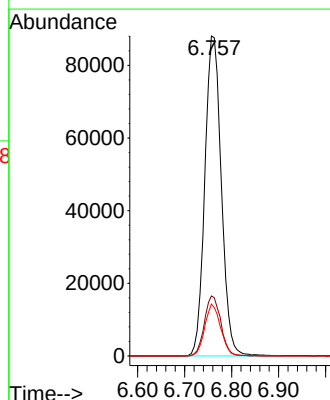
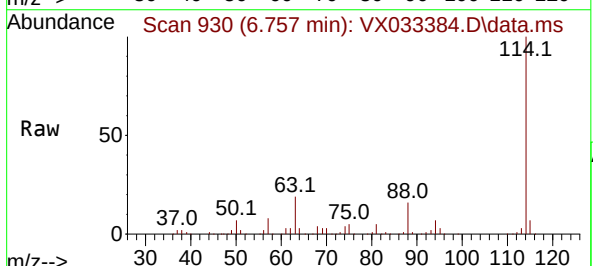
Tgt Ion:114 Resp: 214920

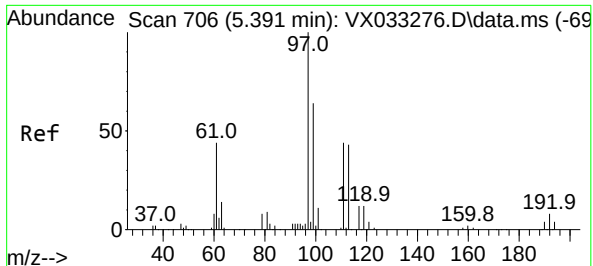
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

88 16.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 48.184 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

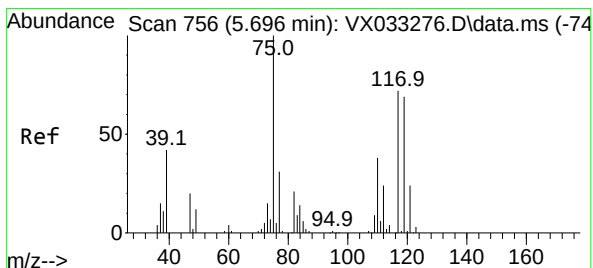
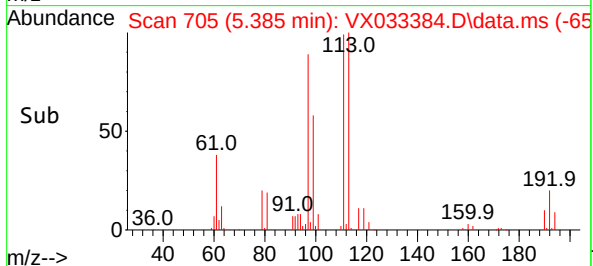
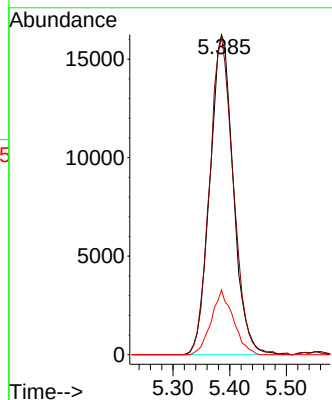
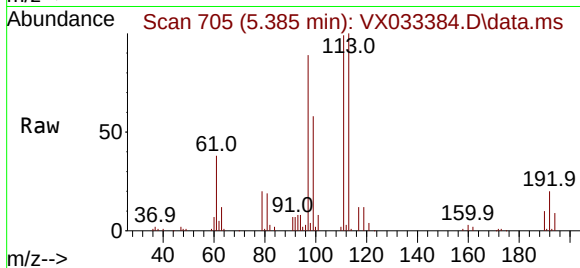
Tgt Ion:	113	Resp:	46578
Ion Ratio	Lower	Upper	
113	100		
111	100.5	82.4	123.6
192	19.0	15.4	23.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#36

1,1-Dichloropropene

Concen: 18.393 ug/l

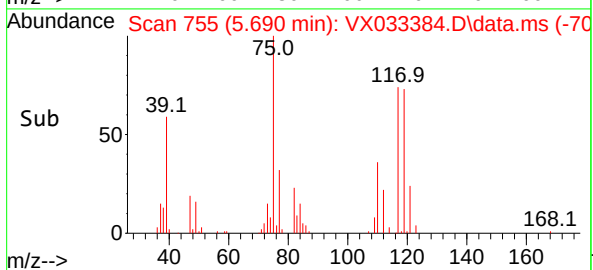
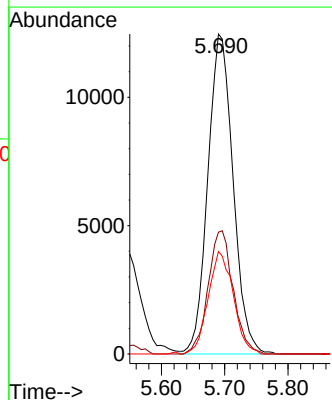
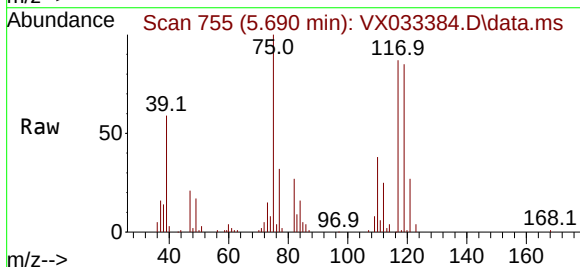
RT: 5.690 min Scan# 755

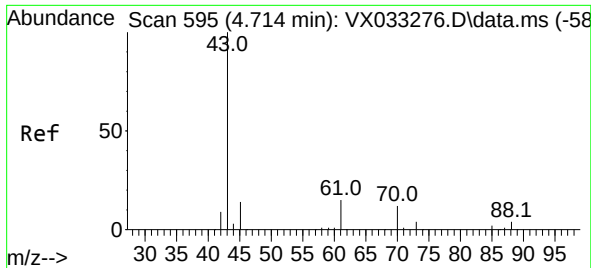
Delta R.T. -0.006 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Tgt Ion:	75	Resp:	34665
Ion Ratio	Lower	Upper	
75	100		
110	38.0	18.4	55.2
77	31.8	24.5	36.7





#37

Ethyl Acetate

Concen: 16.780 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

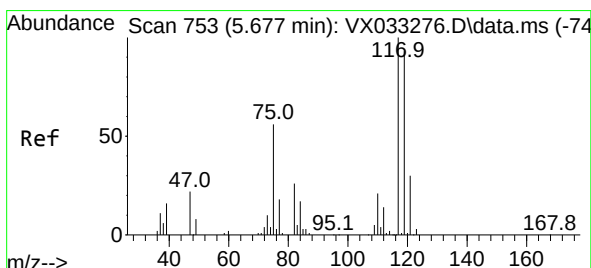
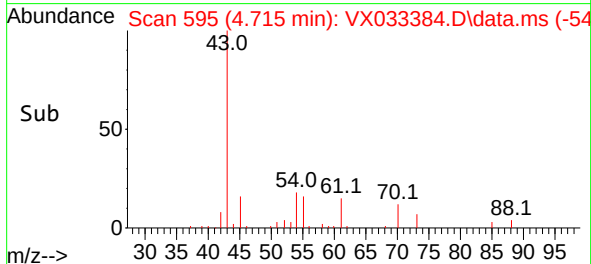
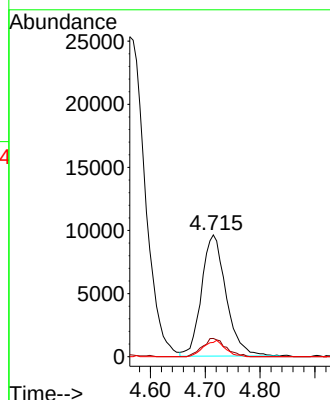
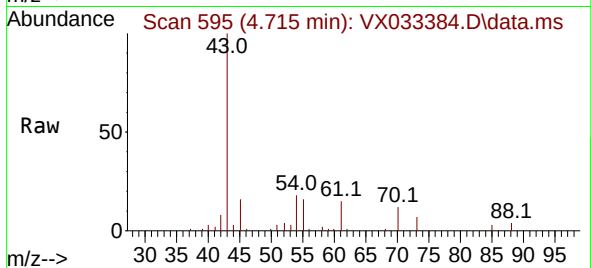
Tgt Ion:	43	Resp:	29894
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.5	17.3
70	11.7	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#38

Carbon Tetrachloride

Concen: 19.207 ug/l

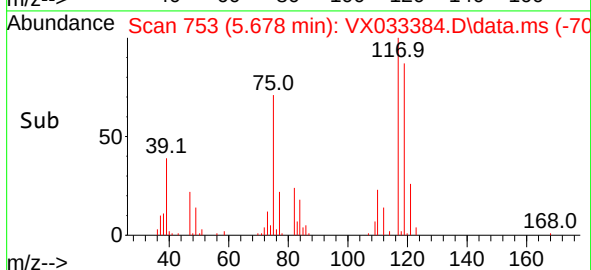
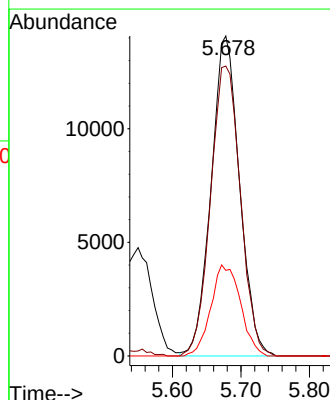
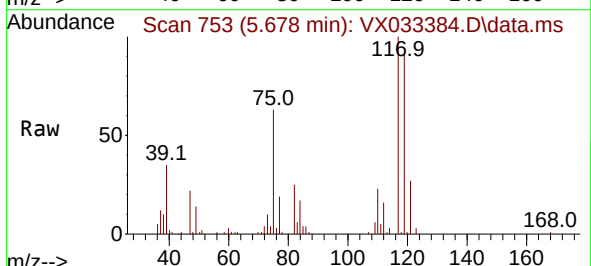
RT: 5.678 min Scan# 753

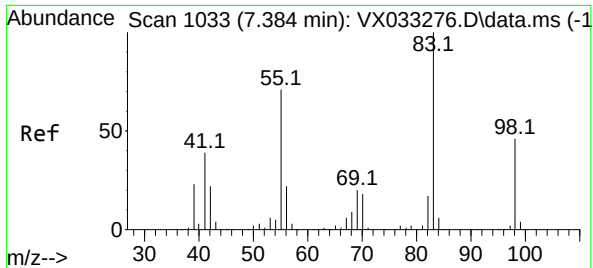
Delta R.T. 0.000 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Tgt Ion:	117	Resp:	40558
Ion	Ratio	Lower	Upper
117	100		
119	90.6	77.2	115.8
121	26.8	25.8	38.6





#39

Methylcyclohexane

Concen: 19.552 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.006 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

Tgt Ion: 83 Resp: 41240

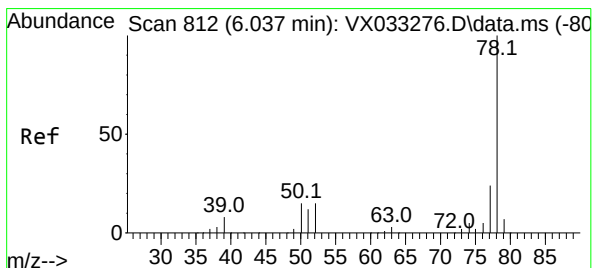
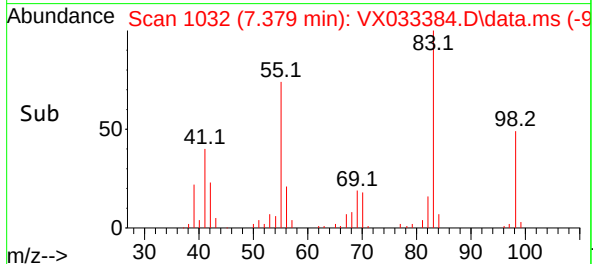
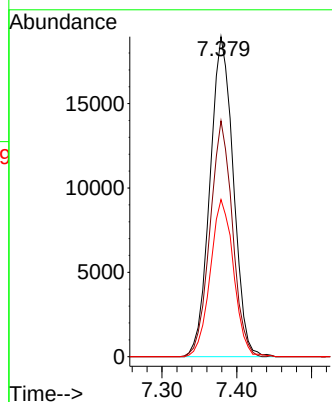
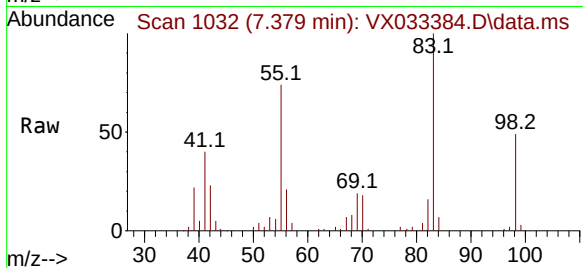
Ion	Ratio	Lower	Upper
83	100		
55	73.7	58.4	87.6
98	49.1	37.2	55.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#40

Benzene

Concen: 18.563 ug/l

RT: 6.038 min Scan# 812

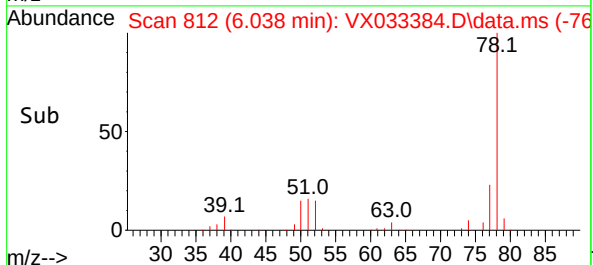
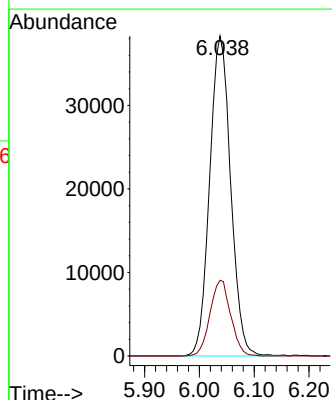
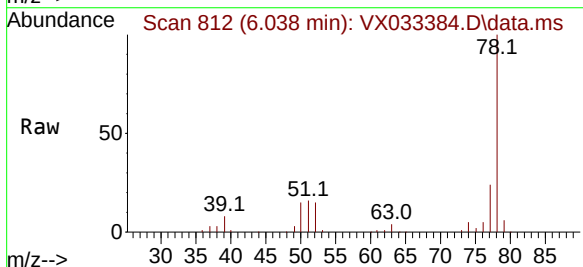
Delta R.T. 0.000 min

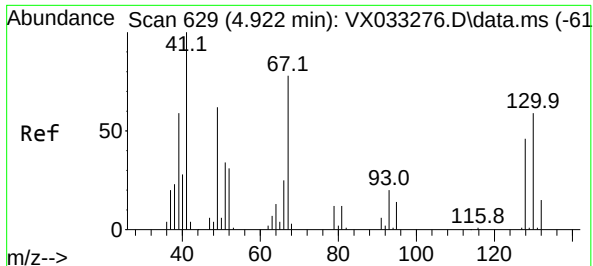
Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Tgt Ion: 78 Resp: 102005

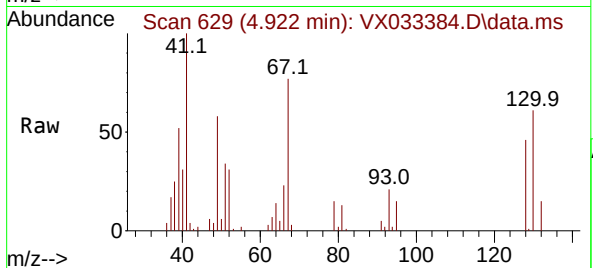
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.0	28.4





#41
Methacrylonitrile
Concen: 17.851 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

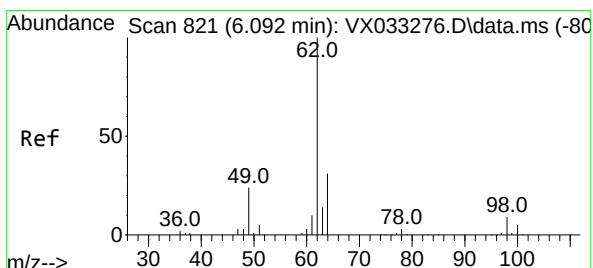
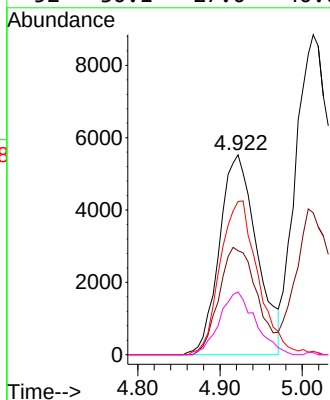
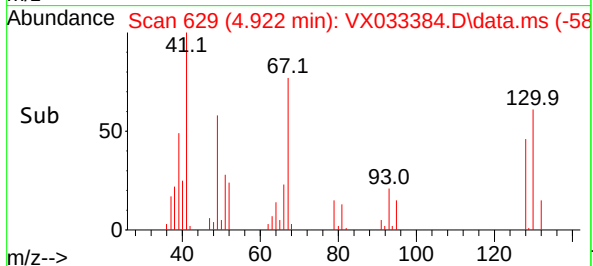
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



Tgt Ion: 41 Resp: 1752
Ion Ratio Lower Upper
41 100
39 53.6 47.5 71.3
67 77.9 60.5 90.7
52 30.1 27.0 40.6

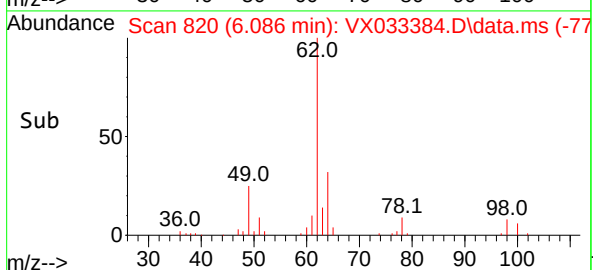
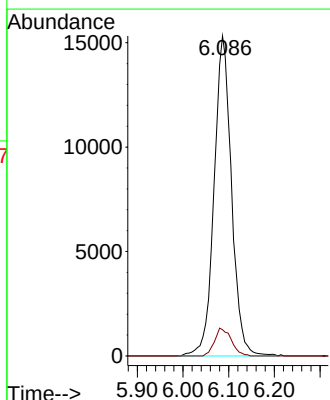
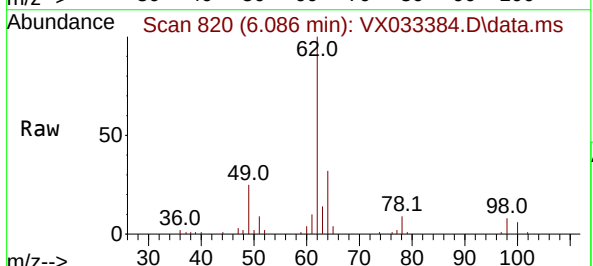
Manual Integrations
APPROVED

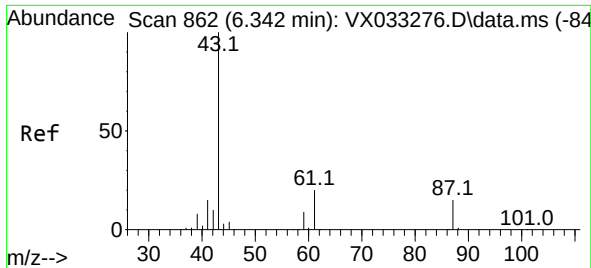
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#42
1,2-Dichloroethane
Concen: 18.634 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

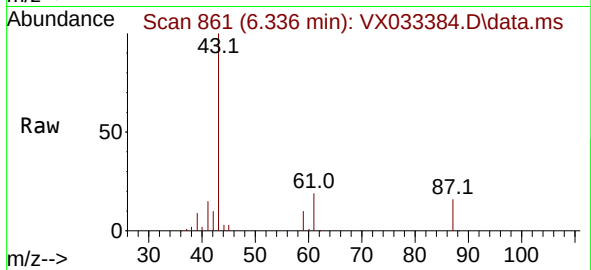
Tgt Ion: 62 Resp: 40661
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 17.193 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

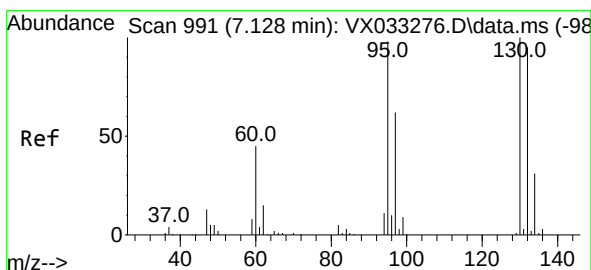
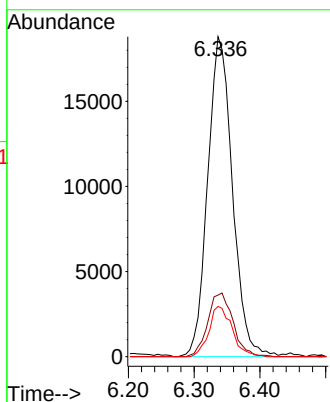
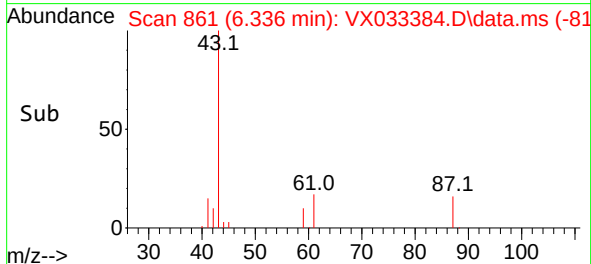
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



Tgt Ion: 43 Resp: 4928
Ion Ratio Lower Upper
43 100
61 20.3 15.4 23.0
87 14.7 10.8 16.2

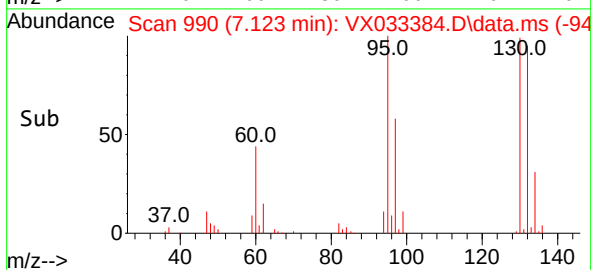
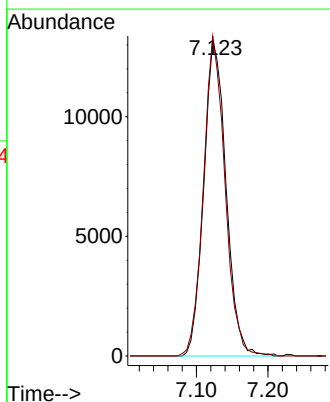
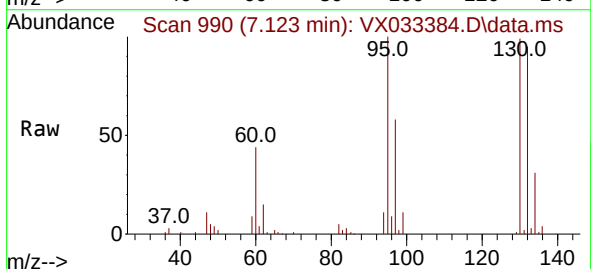
Manual Integrations
APPROVED

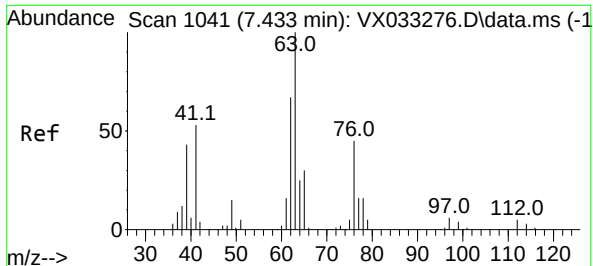
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#44
Trichloroethene
Concen: 18.854 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion:130 Resp: 28565
Ion Ratio Lower Upper
130 100
95 101.2 0.0 195.2





#45

1,2-Dichloropropane

Concen: 17.876 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

Tgt Ion: 63 Resp: 2512

Ion Ratio Lower Upper

63 100

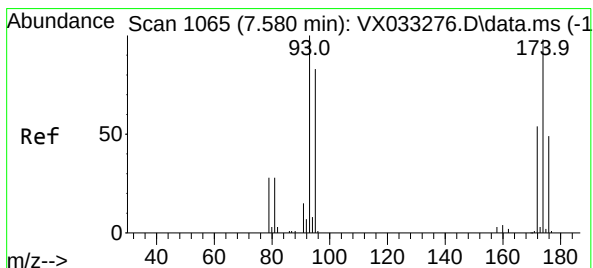
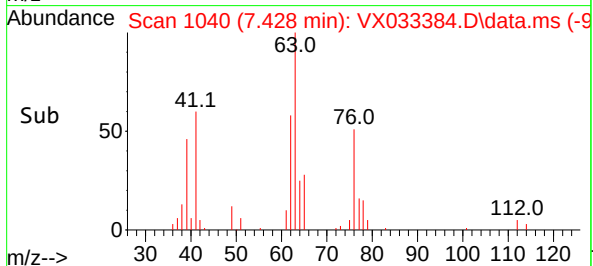
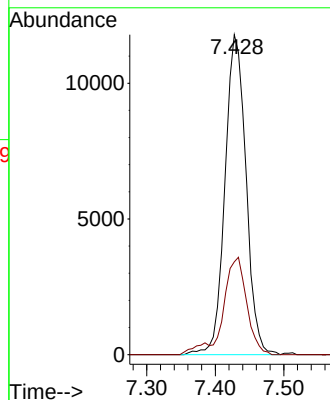
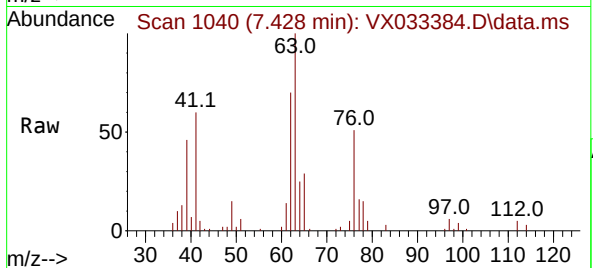
65 29.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#46

Dibromomethane

Concen: 18.019 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

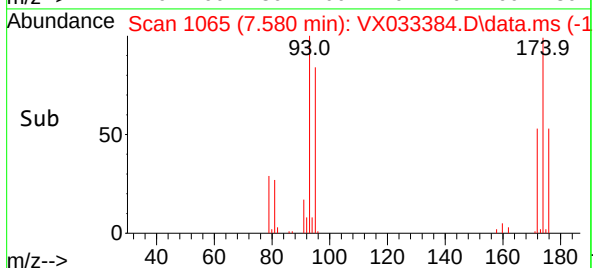
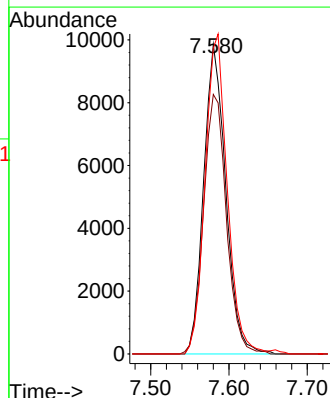
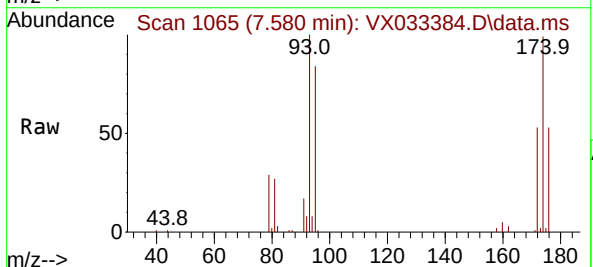
Tgt Ion: 93 Resp: 19290

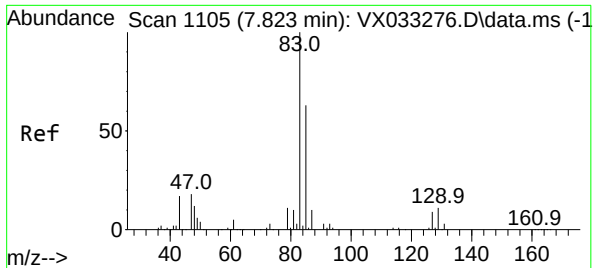
Ion Ratio Lower Upper

93 100

95 86.9 65.8 98.8

174 104.2 79.8 119.6





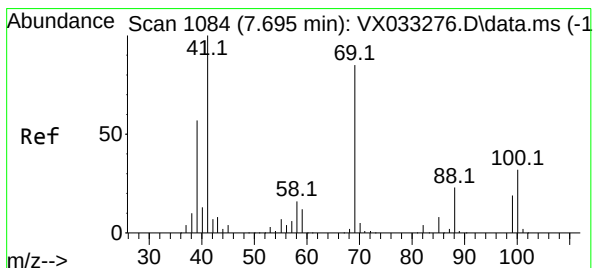
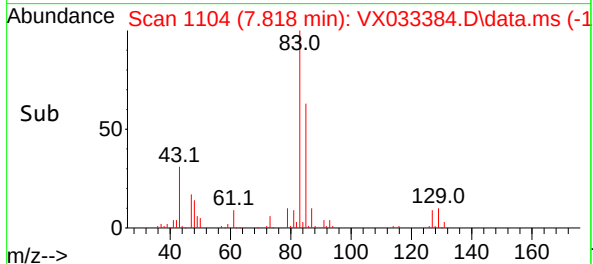
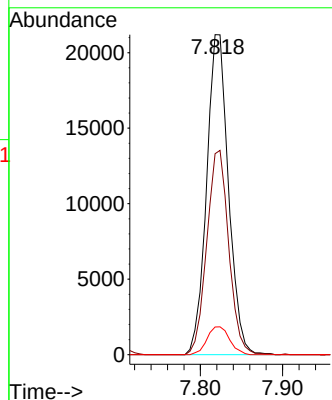
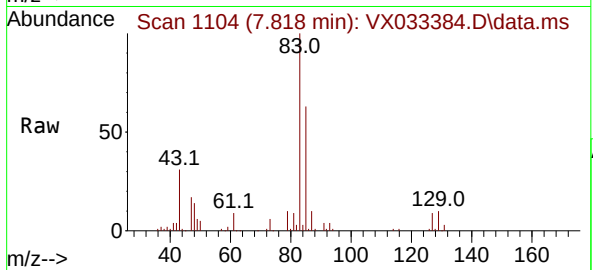
#47
Bromodichloromethane
Concen: 18.773 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion: 83 Resp: 39170
Ion Ratio Lower Upper
83 100
85 62.8 52.2 78.4
127 8.6 7.4 11.2

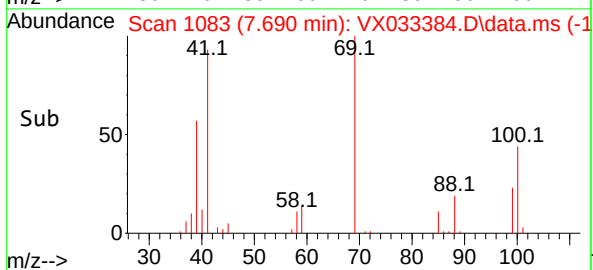
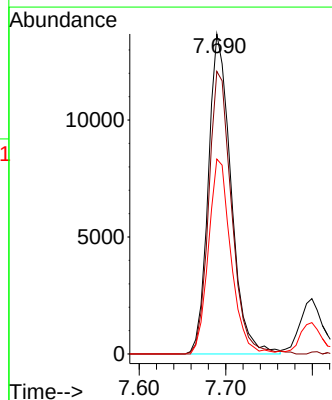
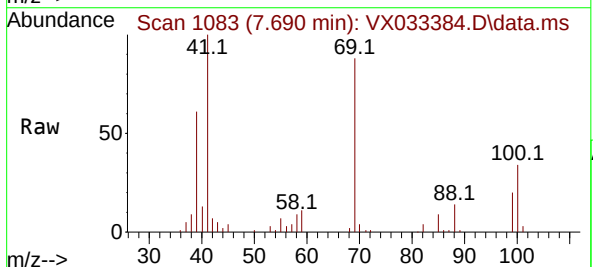
Manual Integrations
APPROVED

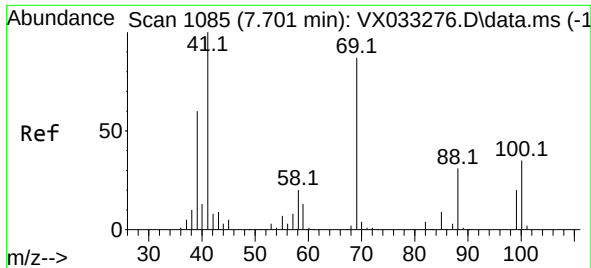
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#48
Methyl methacrylate
Concen: 16.859 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 41 Resp: 24942
Ion Ratio Lower Upper
41 100
69 88.7 65.1 97.7
39 60.3 51.9 77.9





#49

1,4-Dioxane

Concen: 363.947 ug/l

RT: 7.720 min Scan# 1085

Delta R.T. 0.019 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

Tgt Ion: 88 Resp: 12278

Ion Ratio Lower Upper

88 100

43 27.3 26.6 39.8

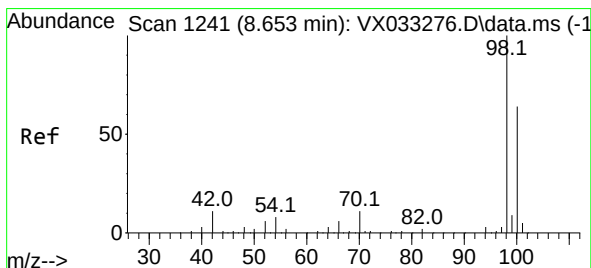
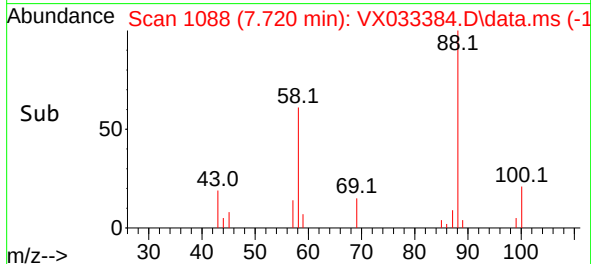
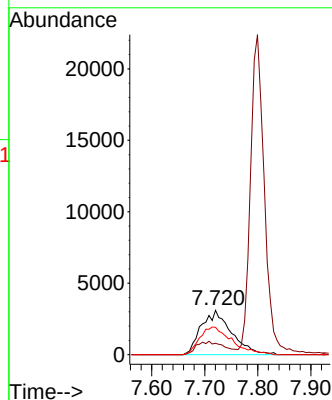
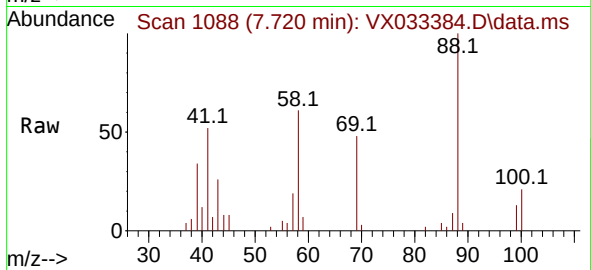
58 66.4 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#50

Toluene-d8

Concen: 48.760 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX033384.D

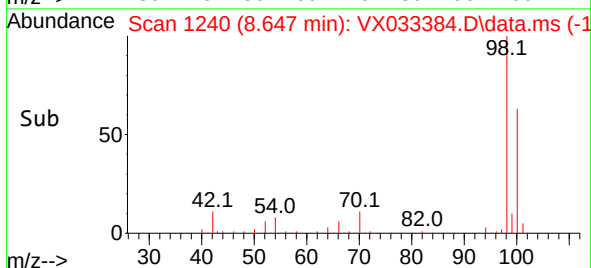
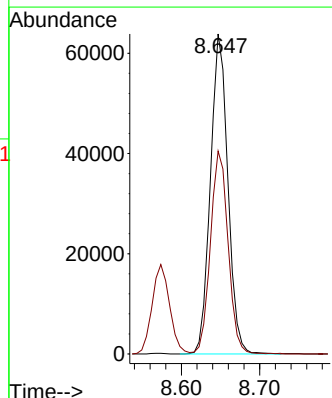
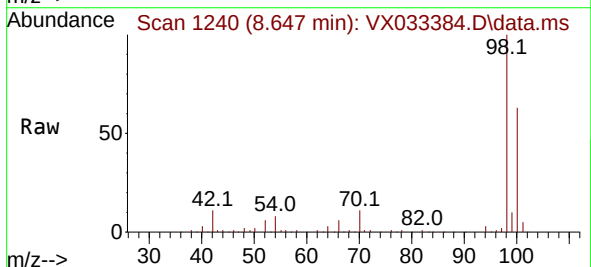
Acq: 13 Dec 2022 12:03

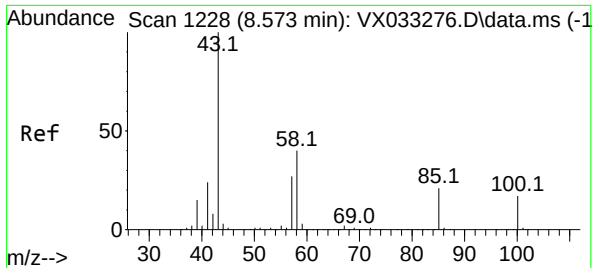
Tgt Ion: 98 Resp: 98603

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3





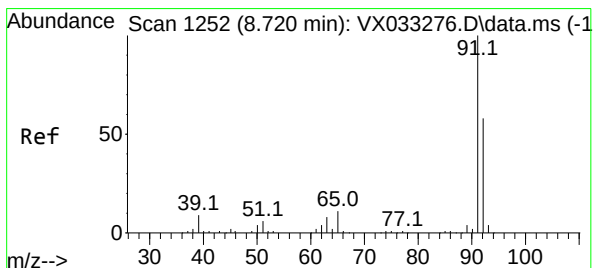
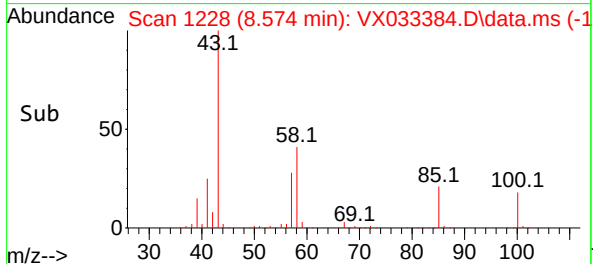
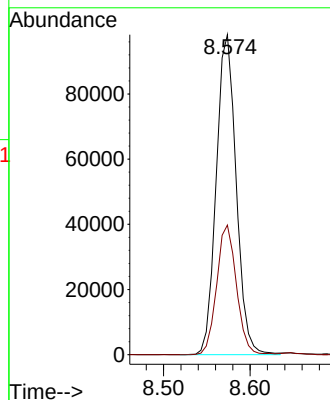
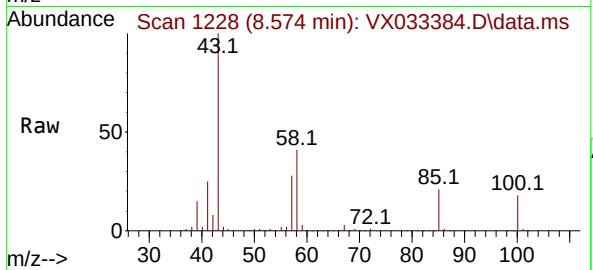
#51
4-Methyl-2-Pentanone
Concen: 86.637 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion: 43 Resp: 157052
Ion Ratio Lower Upper
43 100
58 40.1 30.9 46.3

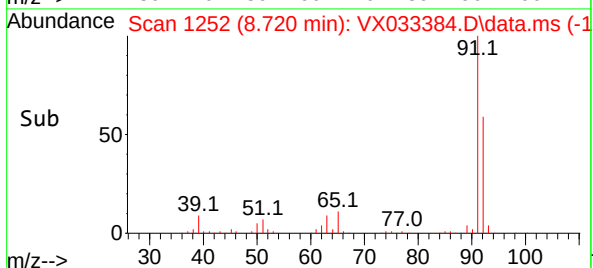
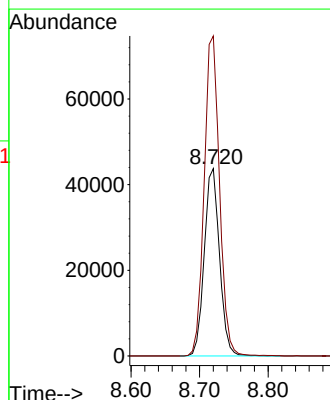
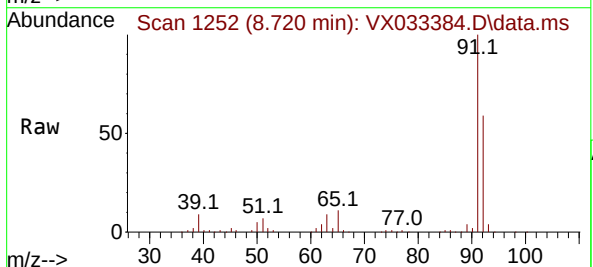
Manual Integrations
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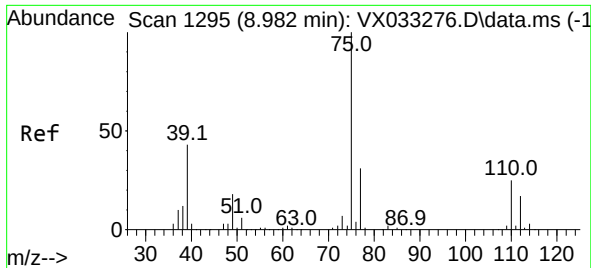
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#52
Toluene
Concen: 19.073 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 92 Resp: 67765
Ion Ratio Lower Upper
92 100
91 172.0 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 18.222 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

Tgt Ion: 75 Resp: 3709

Ion Ratio Lower Upper

75 100

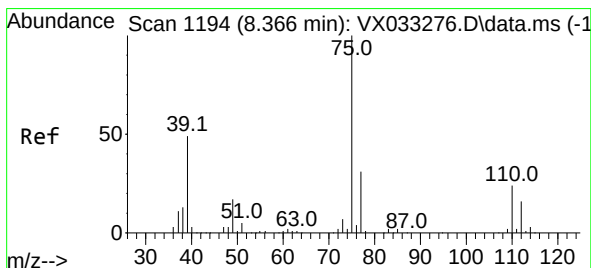
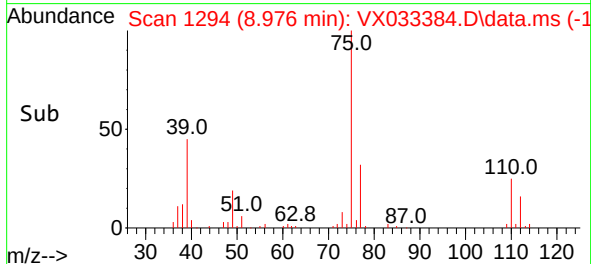
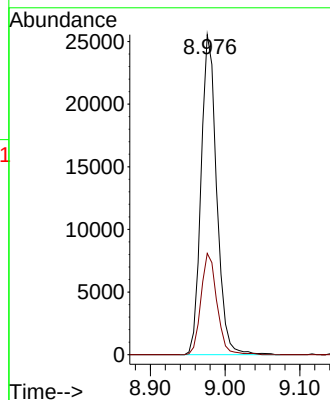
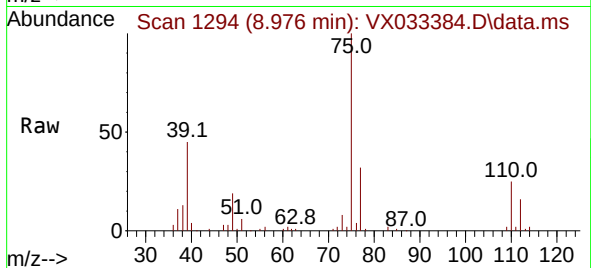
77 31.6 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#54

cis-1,3-Dichloropropene

Concen: 18.766 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

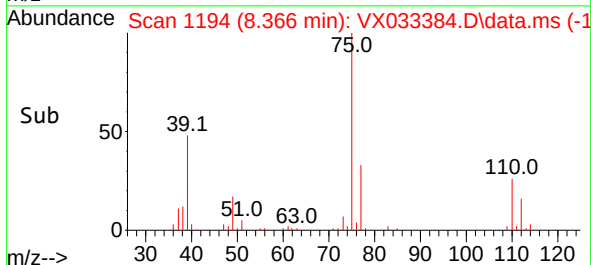
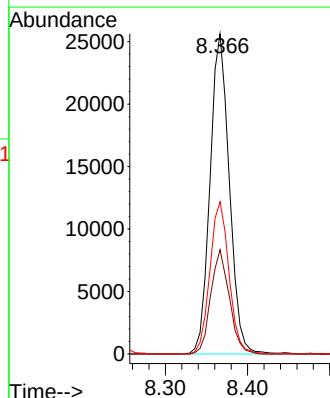
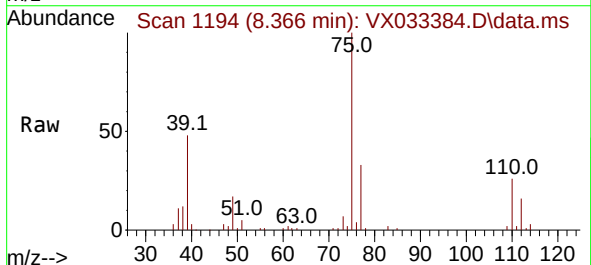
Tgt Ion: 75 Resp: 41672

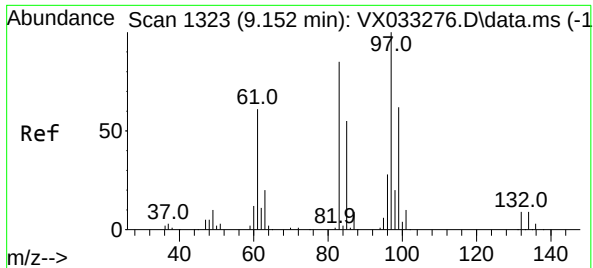
Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7

39 47.5 45.5 68.3





#55
1,1,2-Trichloroethane
Concen: 18.656 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

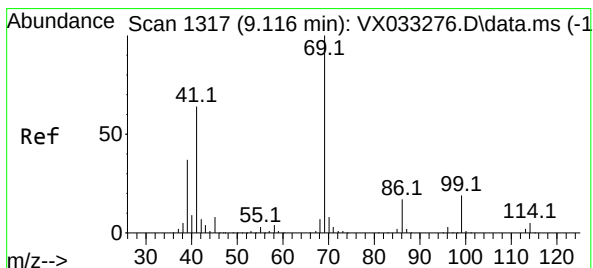
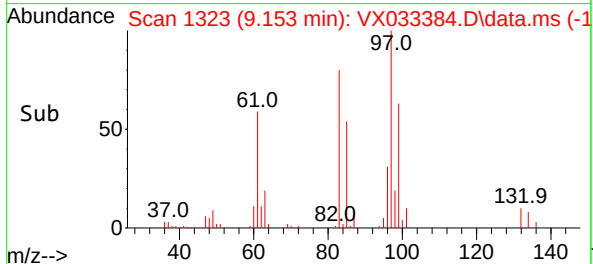
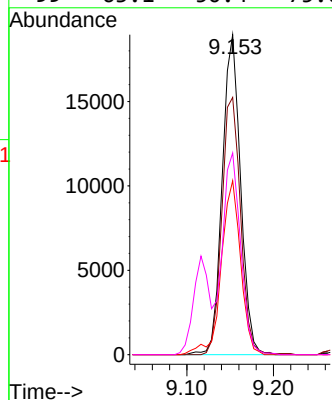
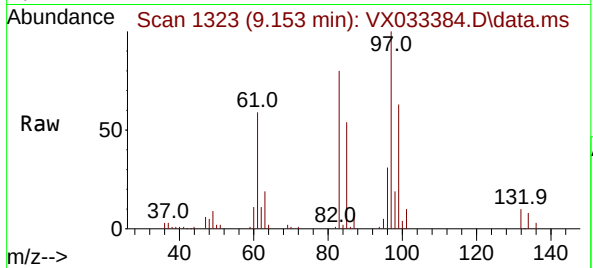
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion: 97 Resp: 2786

Ion	Ratio	Lower	Upper
97	100		
83	80.4	68.1	102.1
85	54.3	43.3	64.9
99	63.1	50.4	75.6

Manual Integrations
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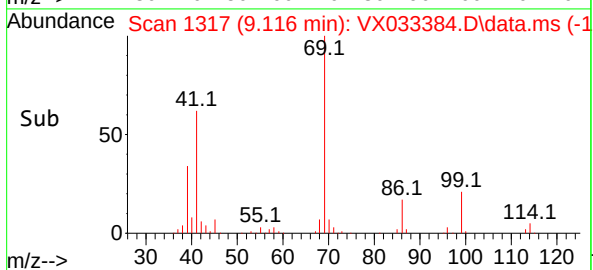
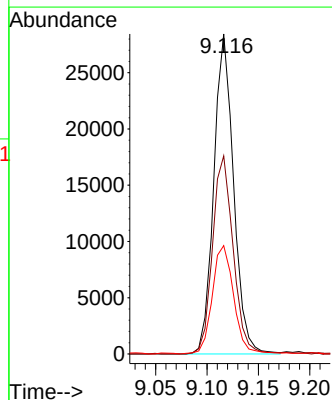
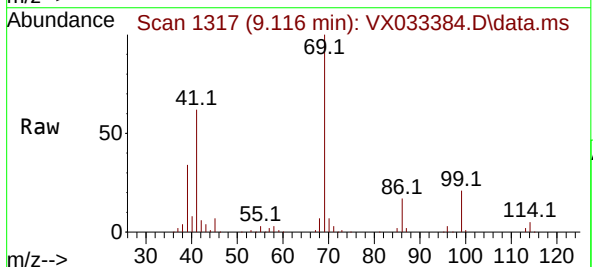
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

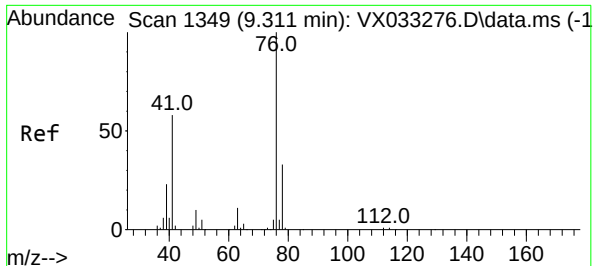


#56
Ethyl methacrylate
Concen: 18.100 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 69 Resp: 38061

Ion	Ratio	Lower	Upper
69	100		
41	64.9	54.3	81.5
39	36.8	35.2	52.8





#57

1,3-Dichloropropane

Concen: 18.475 ug/l

RT: 9.305 min Scan# 111

Delta R.T. -0.006 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

Tgt Ion: 76 Resp: 44324

Ion Ratio Lower Upper

76 100

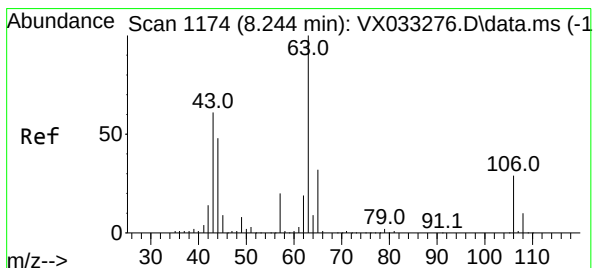
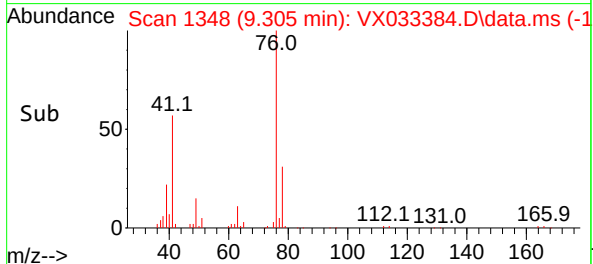
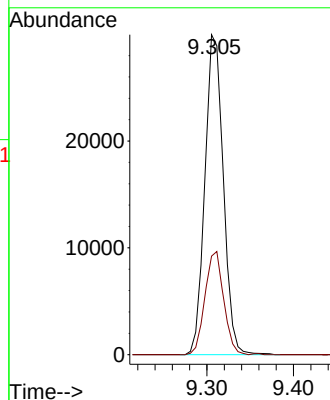
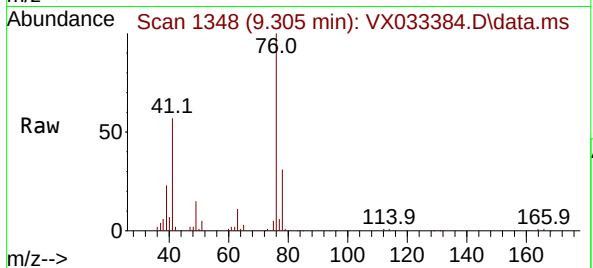
78 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 85.280 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033384.D

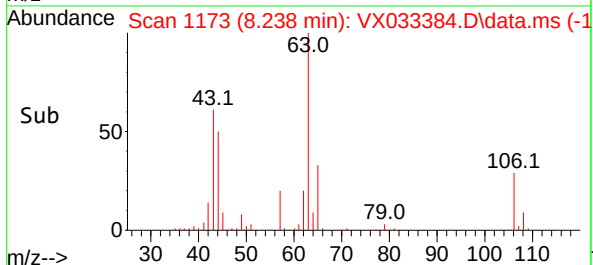
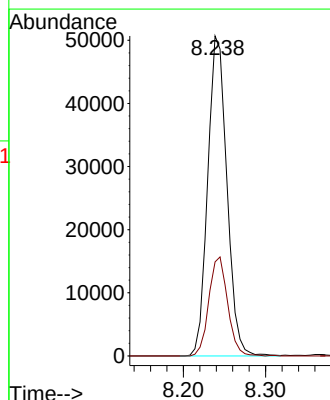
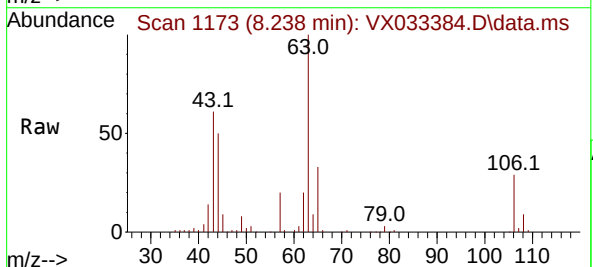
Acq: 13 Dec 2022 12:03

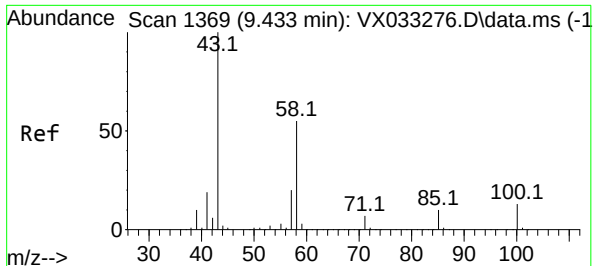
Tgt Ion: 63 Resp: 82052

Ion Ratio Lower Upper

63 100

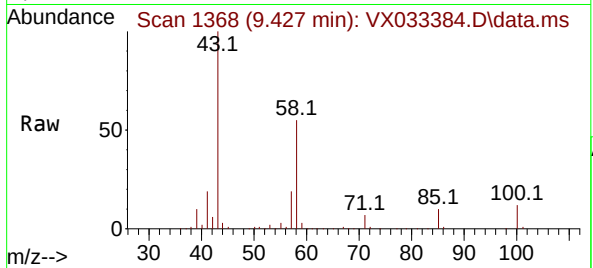
106 30.3 23.3 34.9





#59
2-Hexanone
Concen: 88.593 ug/l
RT: 9.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

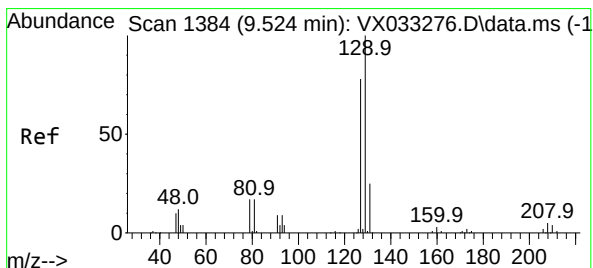
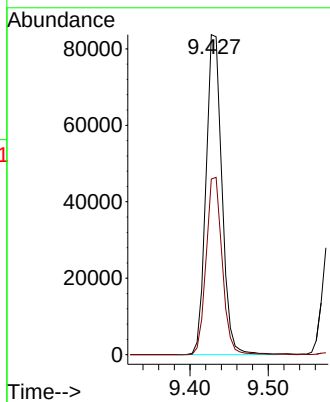
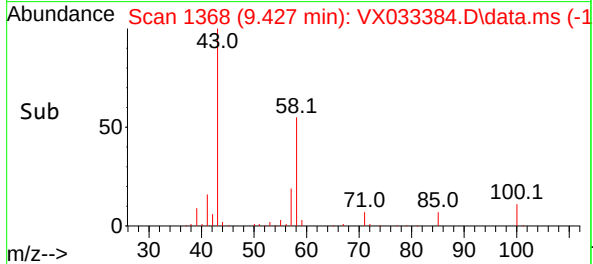
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



Tgt Ion: 43 Resp: 118349
Ion Ratio Lower Upper
43 100
58 55.6 26.5 79.5

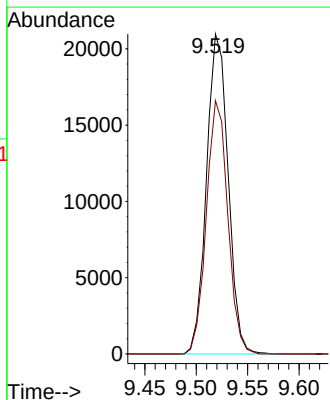
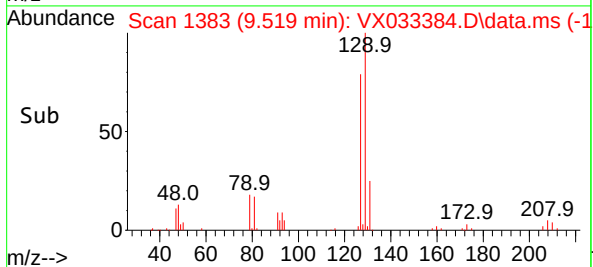
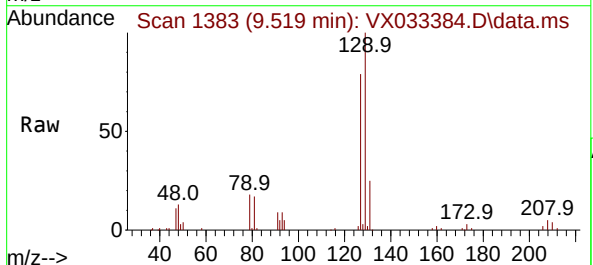
Manual Integrations
APPROVED

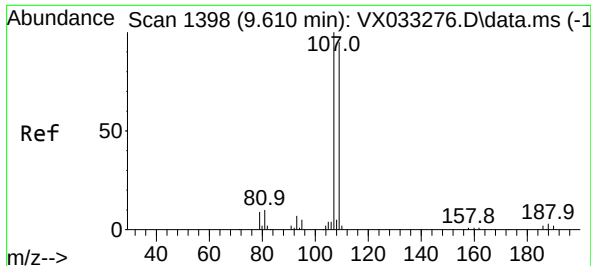
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#60
Dibromochloromethane
Concen: 18.678 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

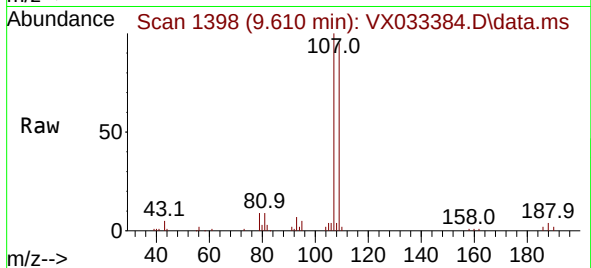
Tgt Ion:129 Resp: 30734
Ion Ratio Lower Upper
129 100
127 78.5 38.6 115.8





#61
1,2-Dibromoethane
Concen: 18.451 ug/l
RT: 9.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

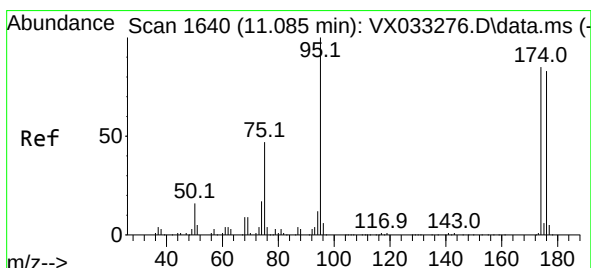
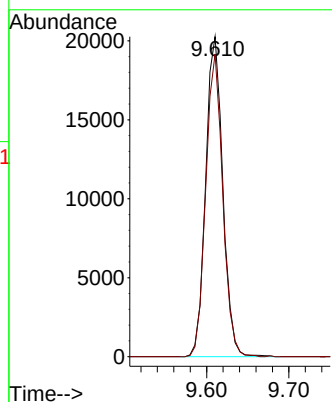
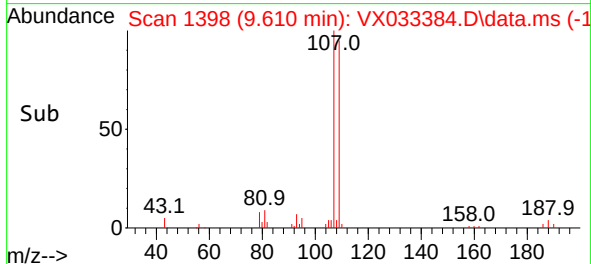
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



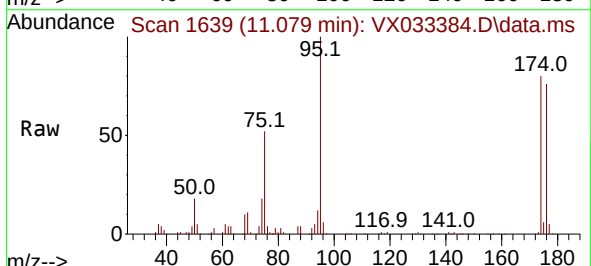
Tgt Ion:107 Resp: 2931
Ion Ratio Lower Upper
107 100
109 93.8 76.0 114.0

Manual Integrations
APPROVED

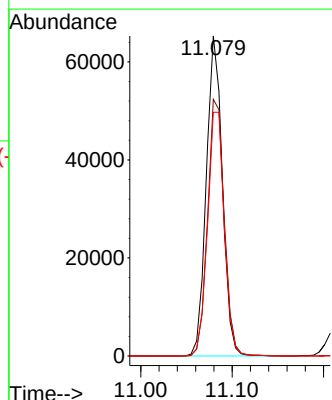
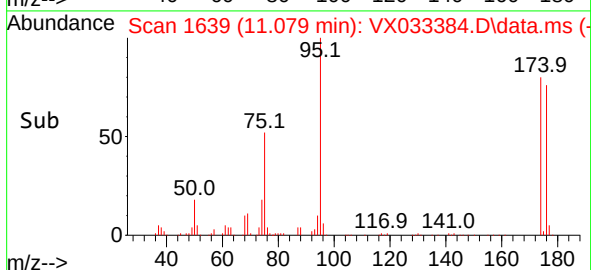
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

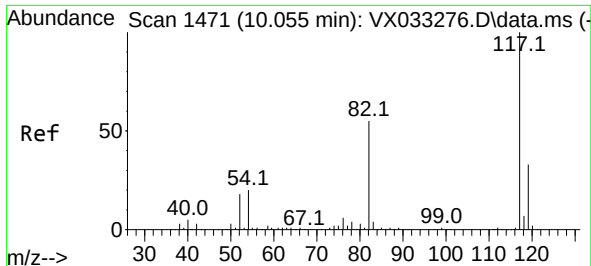


#62
4-Bromofluorobenzene
Concen: 51.262 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03



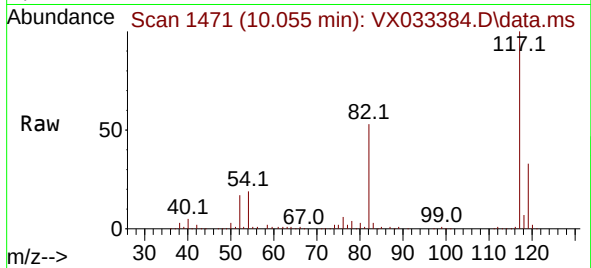
Tgt Ion: 95 Resp: 79263
Ion Ratio Lower Upper
95 100
174 83.3 0.0 164.0
176 80.3 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

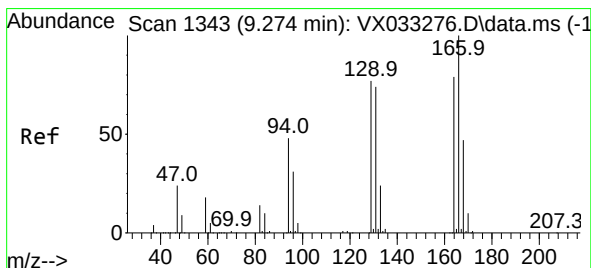
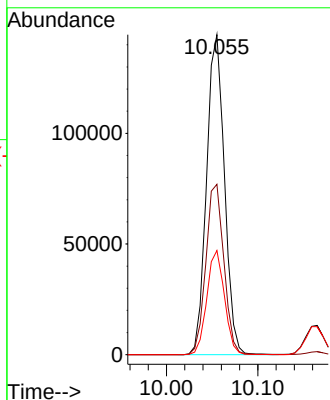
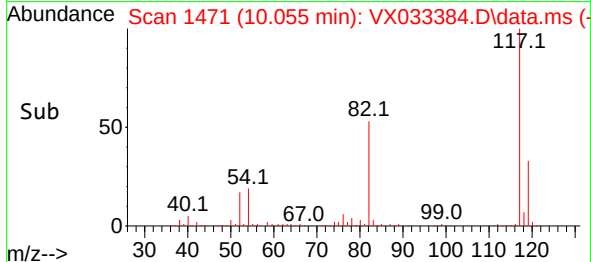
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



Tgt Ion:117 Resp: 19614
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 32.6 25.7 38.5

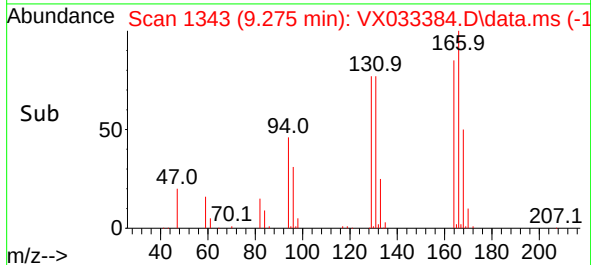
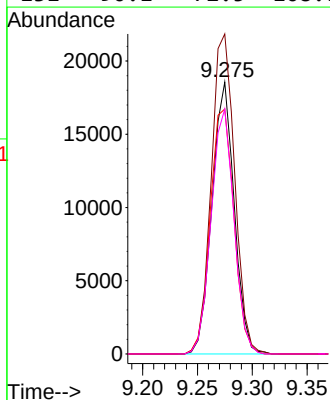
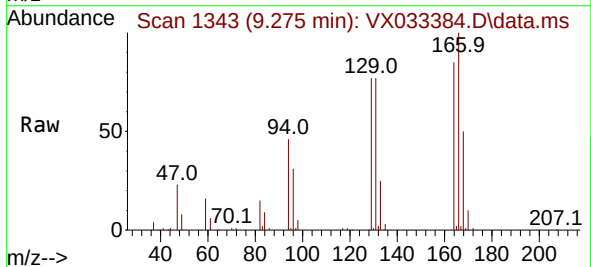
Manual Integrations
APPROVED

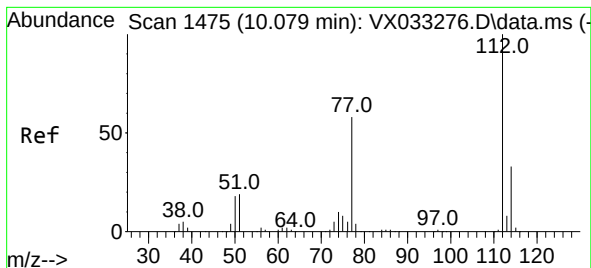
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#64
Tetrachloroethene
Concen: 19.514 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion:164 Resp: 26173
Ion Ratio Lower Upper
164 100
166 117.7 105.4 158.2
129 90.1 78.2 117.2
131 90.1 72.5 108.7





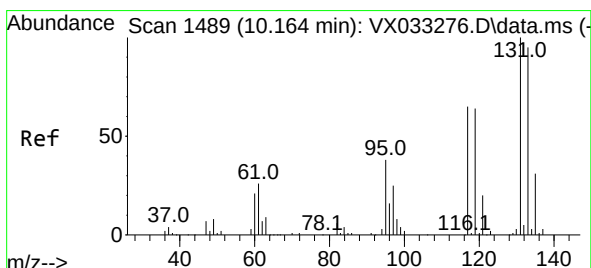
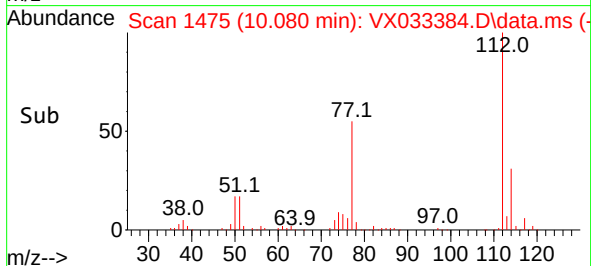
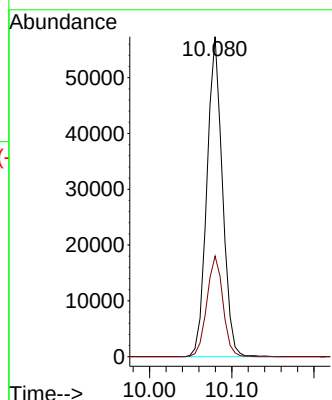
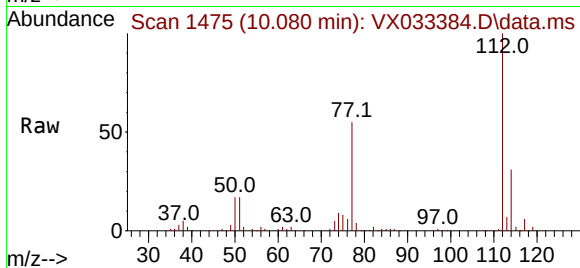
#65
Chlorobenzene
Concen: 18.888 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion:112 Resp: 75020
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

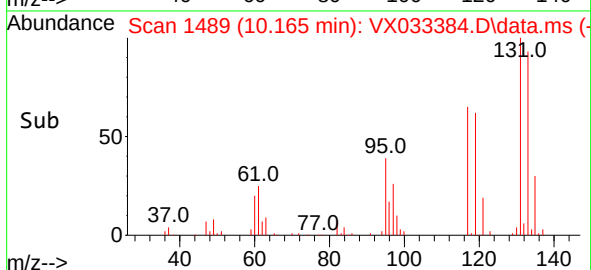
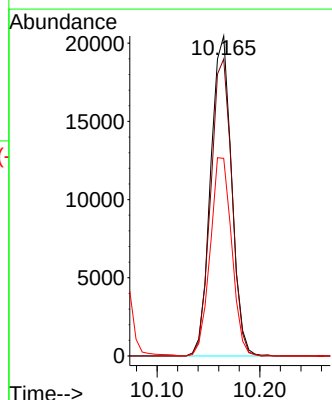
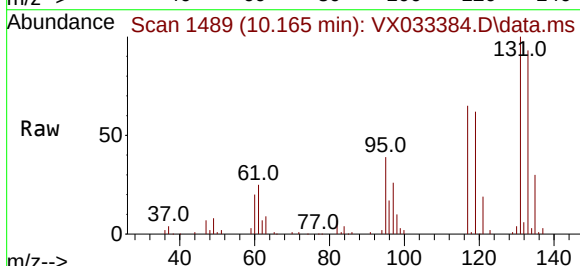
Manual Integrations
APPROVED

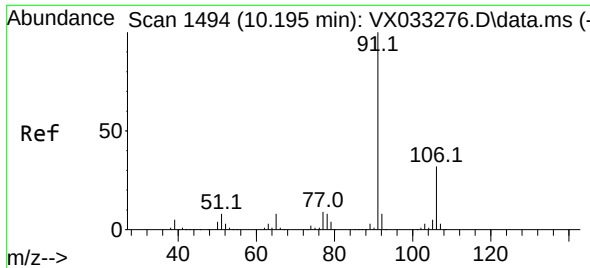
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.292 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

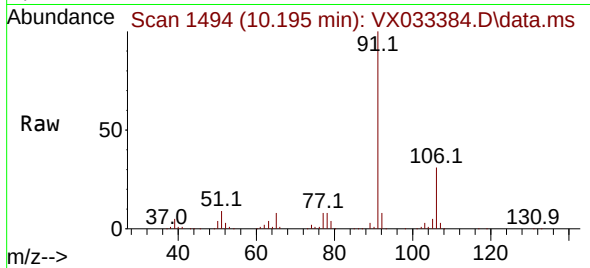
Tgt Ion:131 Resp: 28958
Ion Ratio Lower Upper
131 100
133 93.9 47.6 142.9
119 63.5 32.4 97.0





#67
Ethyl Benzene
Concen: 19.301 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

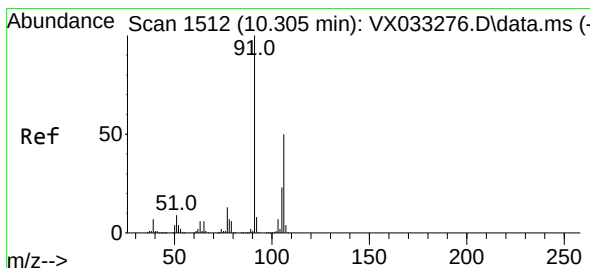
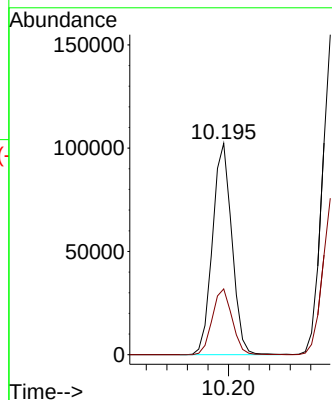
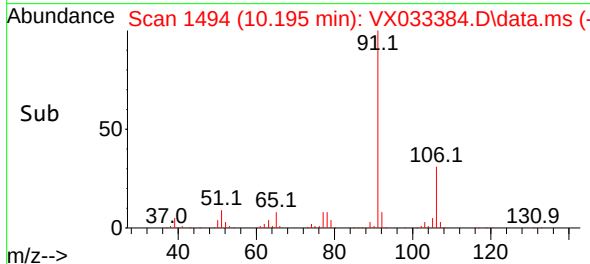
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



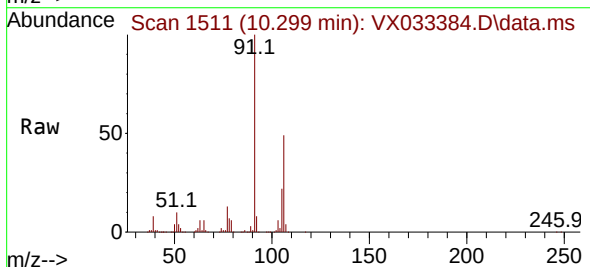
Tgt Ion: 91 Resp: 133559
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.6

Manual Integrations
APPROVED

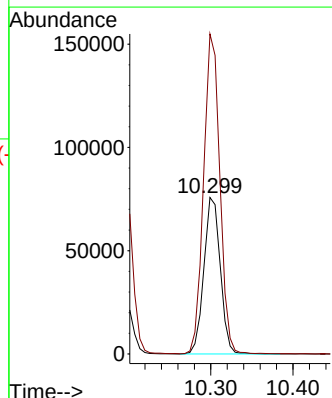
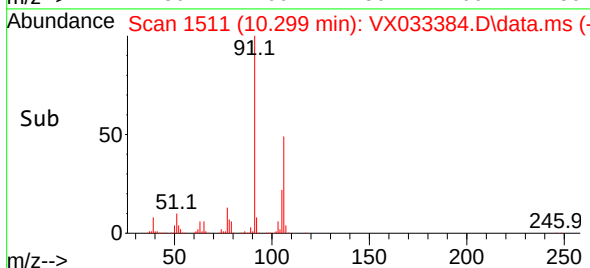
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

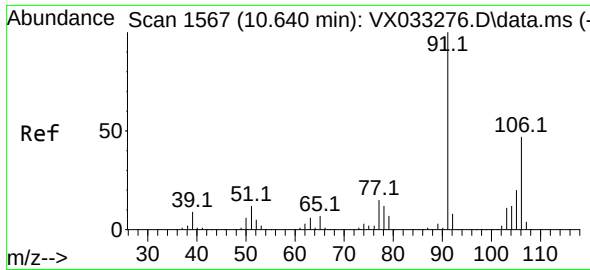


#68
m/p-Xylenes
Concen: 39.029 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03



Tgt Ion:106 Resp: 105074
Ion Ratio Lower Upper
106 100
91 202.7 164.5 246.7





#69

o-Xylene

Concen: 19.271 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

Tgt Ion:106 Resp: 5128

Ion Ratio Lower Upper

106 100

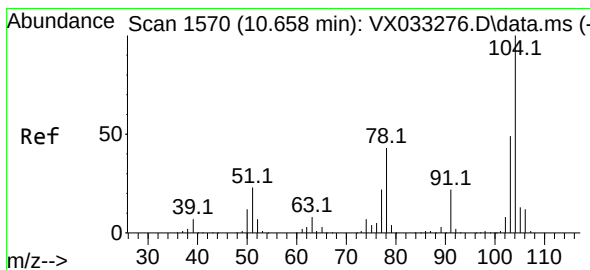
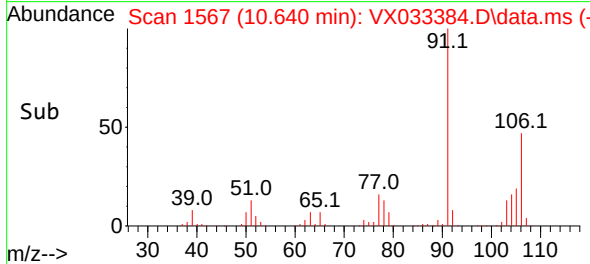
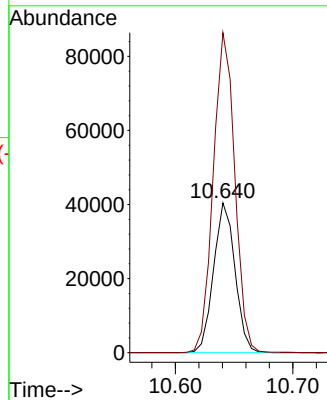
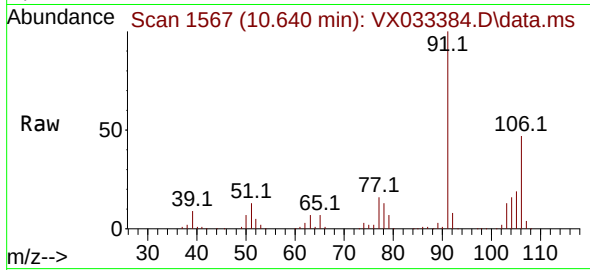
91 214.9 109.2 327.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#70

Styrene

Concen: 19.449 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. -0.006 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

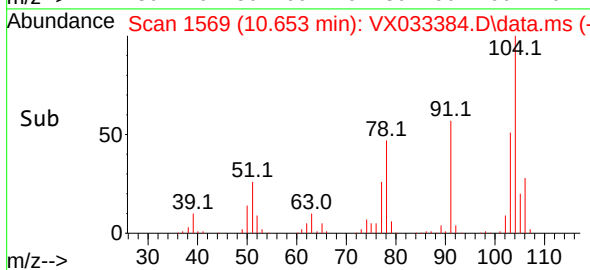
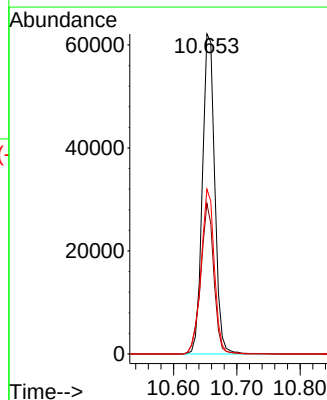
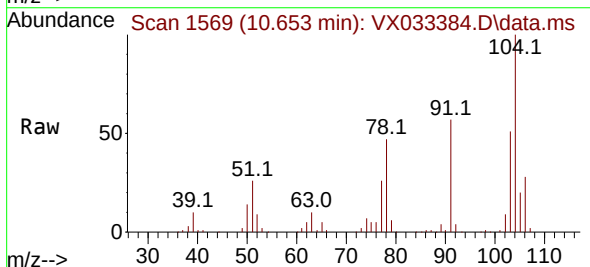
Tgt Ion:104 Resp: 84764

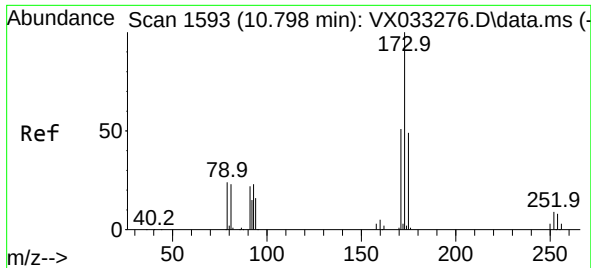
Ion Ratio Lower Upper

104 100

78 49.5 41.8 62.8

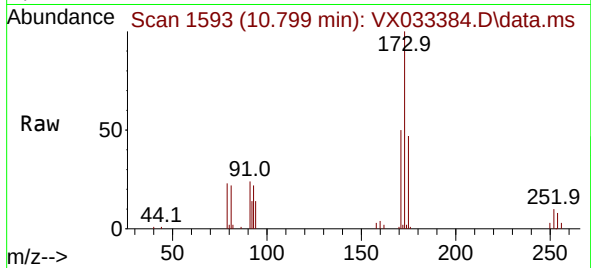
103 55.3 44.5 66.7





#71
Bromoform
Concen: 18.525 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

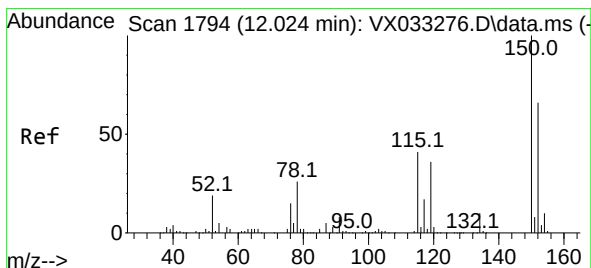
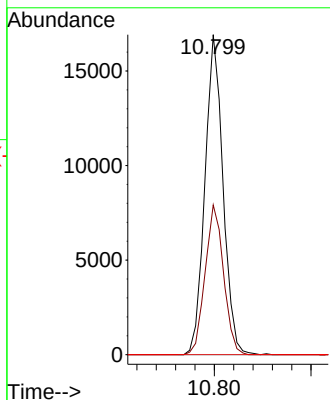
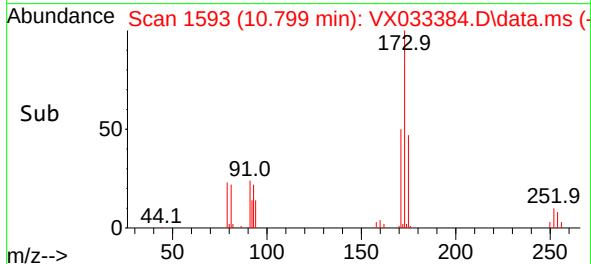
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



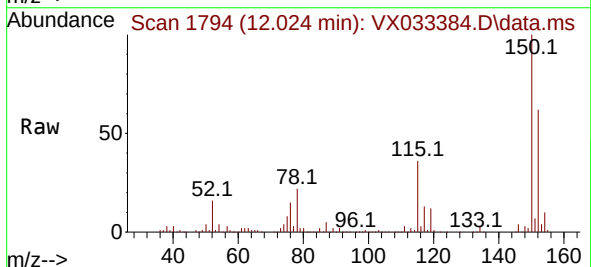
Tgt Ion:173 Resp: 22010
Ion Ratio Lower Upper
173 100
175 47.7 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
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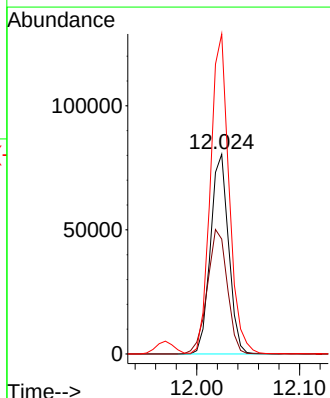
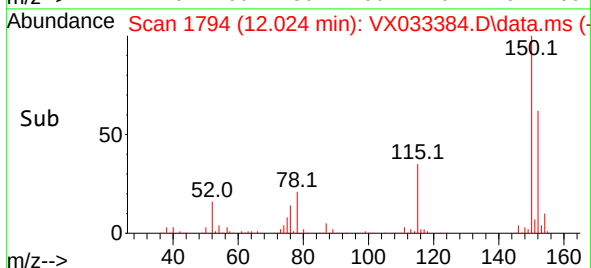
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

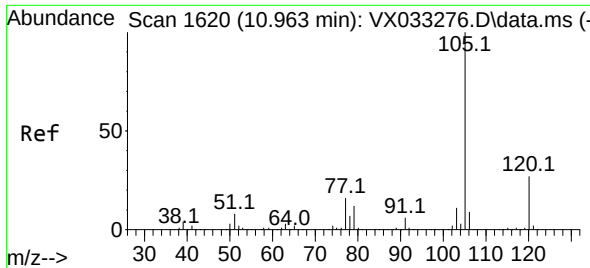


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03



Tgt Ion:152 Resp: 98300
Ion Ratio Lower Upper
152 100
115 68.6 44.0 132.0
150 164.6 0.0 351.8





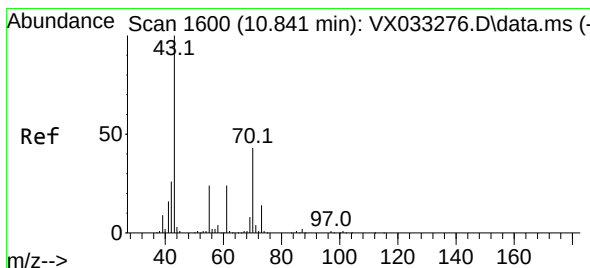
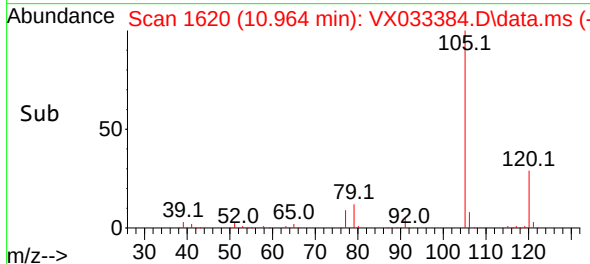
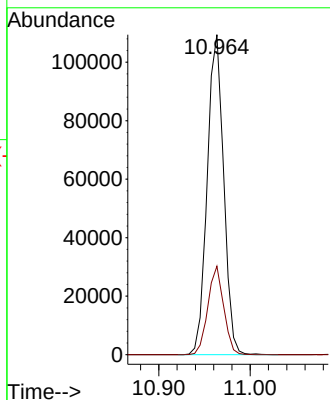
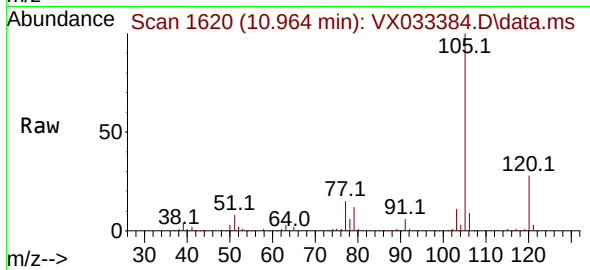
#73
Isopropylbenzene
Concen: 19.122 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion:105 Resp: 13624
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3

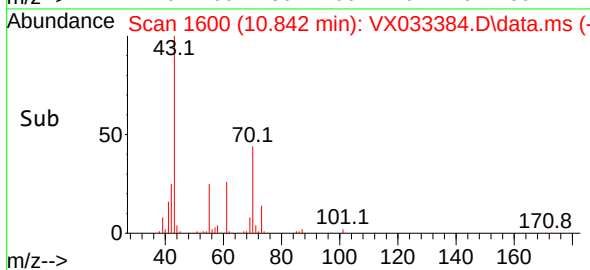
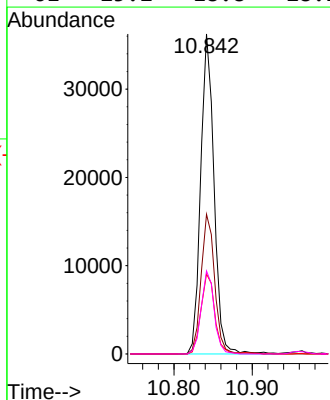
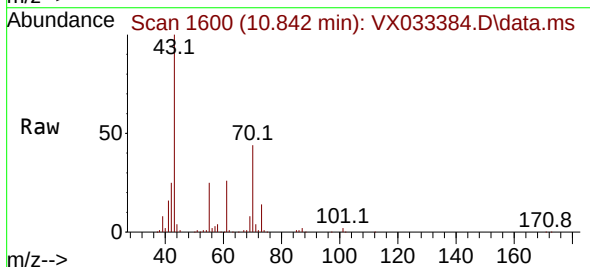
Manual Integrations
APPROVED

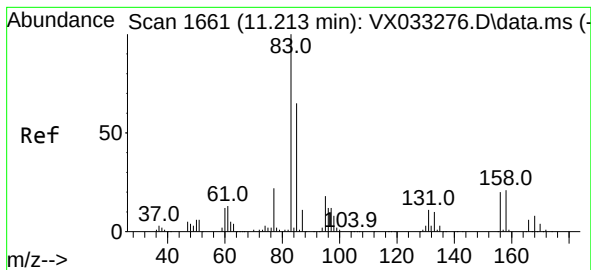
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#74
N-ethyl acetate
Concen: 17.666 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 43 Resp: 42943
Ion Ratio Lower Upper
43 100
70 44.5 33.6 50.4
55 25.8 19.4 29.2
61 25.2 18.8 28.2





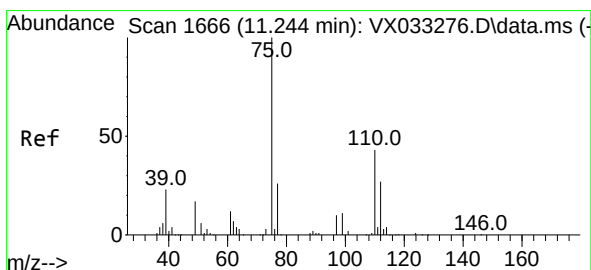
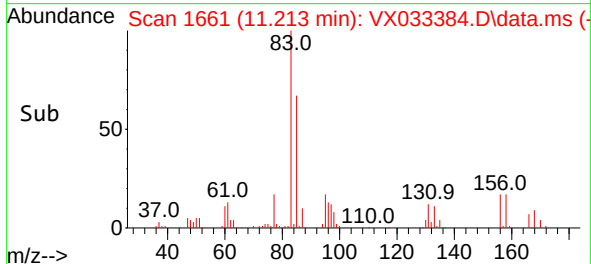
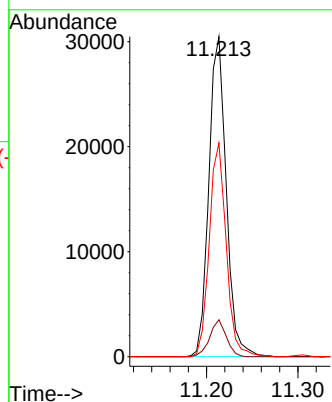
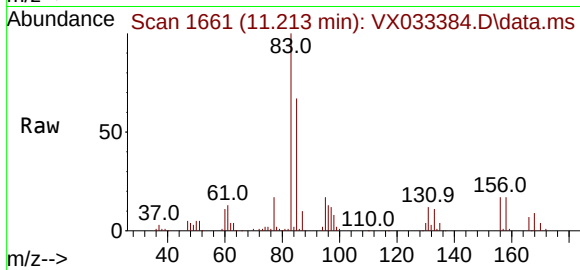
#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.832 ug/l
 RT: 11.213 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VX033384.D
 Acq: 13 Dec 2022 12:03

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213MBS01

Tgt Ion: 83 Resp: 4030
 Ion Ratio Lower Upper
 83 100
 131 11.0 5.4 16.2
 85 64.9 31.9 95.9

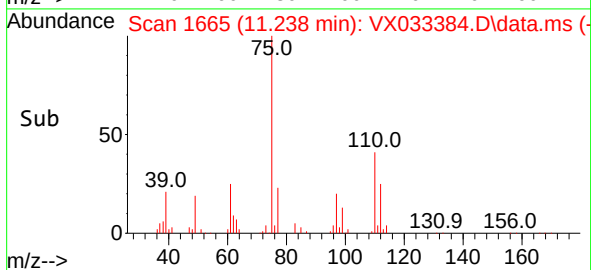
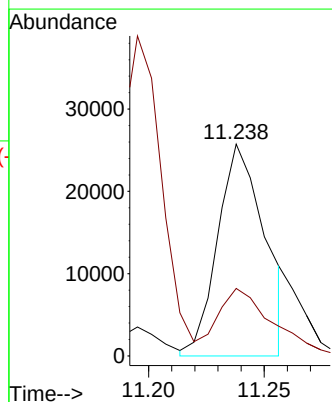
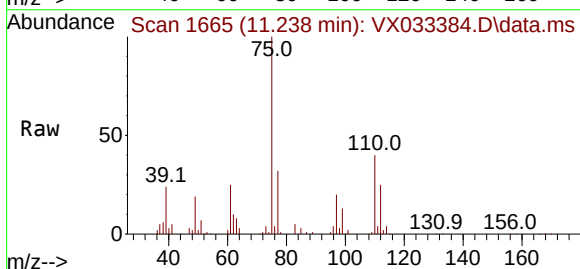
Manual Integrations
 APPROVED

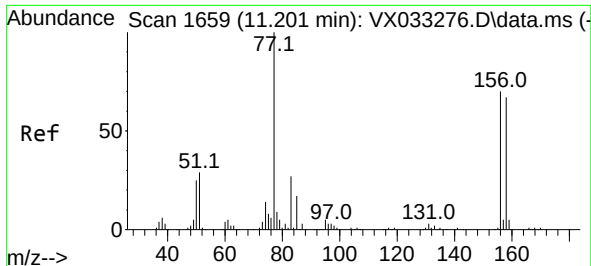
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022



#76
 1,2,3-Trichloropropane
 Concen: 18.217 ug/l m
 RT: 11.238 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: VX033384.D
 Acq: 13 Dec 2022 12:03

Tgt Ion: 75 Resp: 36432
 Ion Ratio Lower Upper
 75 100
 77 37.6 20.0 60.0





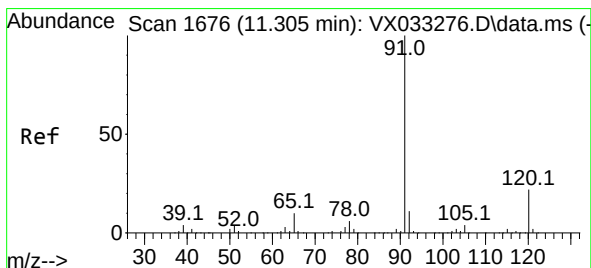
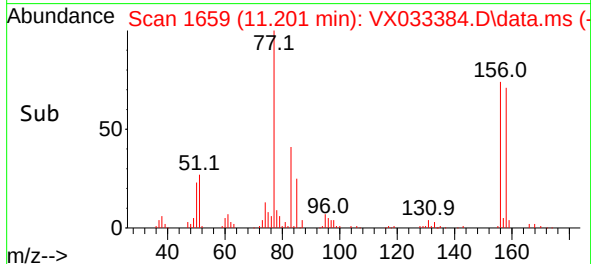
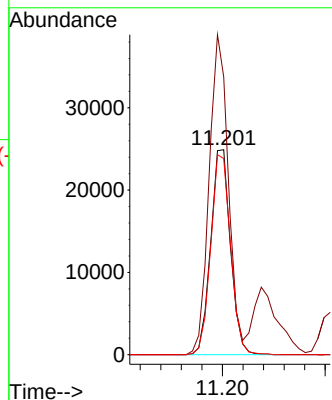
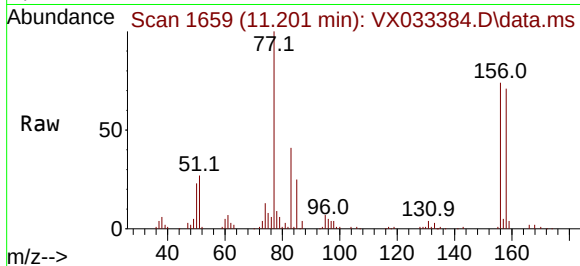
#77
Bromobenzene
Concen: 18.480 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion:156 Resp: 33249
Ion Ratio Lower Upper
156 100
77 151.3 76.1 228.4
158 97.7 48.8 146.3

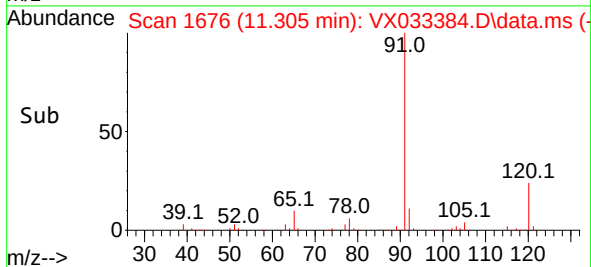
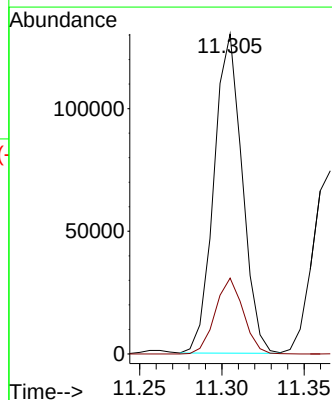
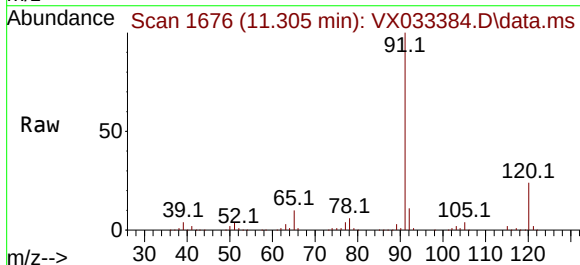
Manual Integrations
APPROVED

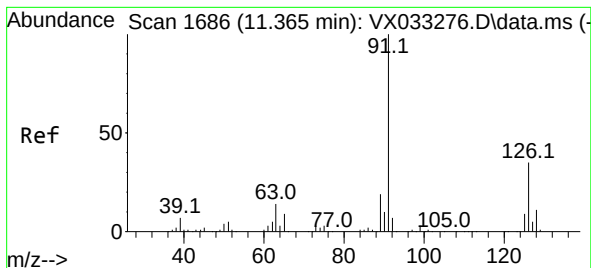
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#78
n-propylbenzene
Concen: 19.545 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion: 91 Resp: 155492
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





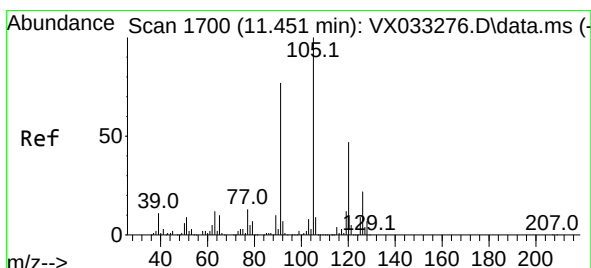
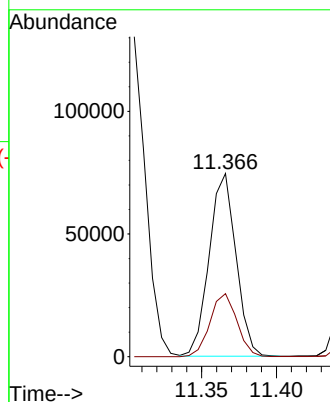
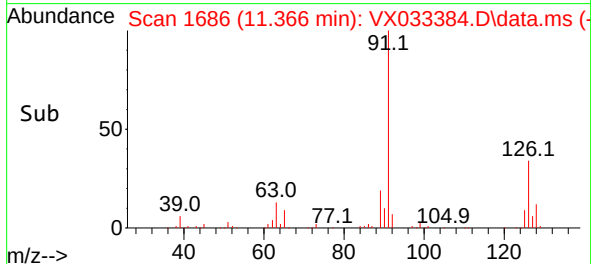
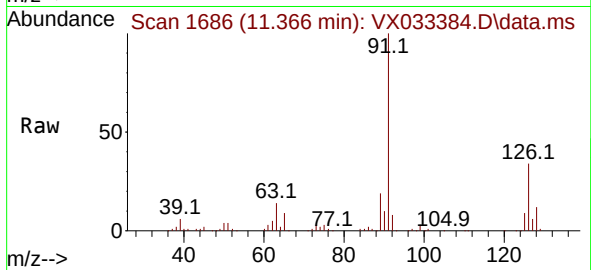
#79
2-Chlorotoluene
Concen: 18.884 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion: 91 Resp: 9284
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2

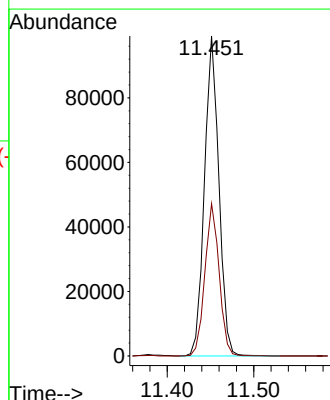
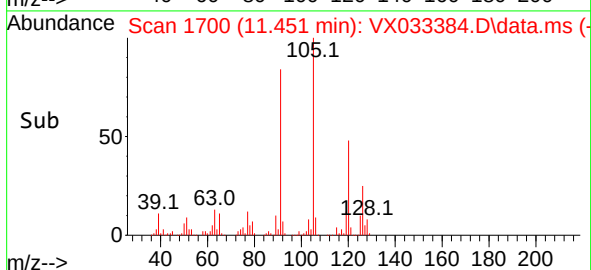
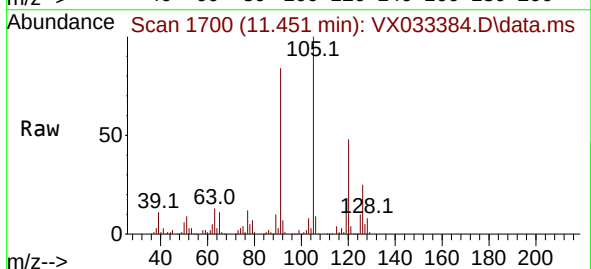
Manual Integrations
APPROVED

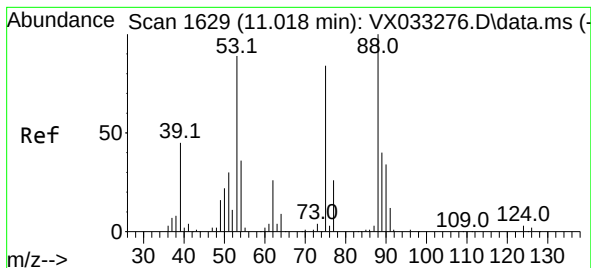
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.312 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Tgt Ion:105 Resp: 114536
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





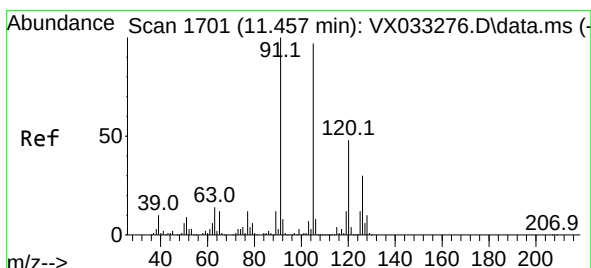
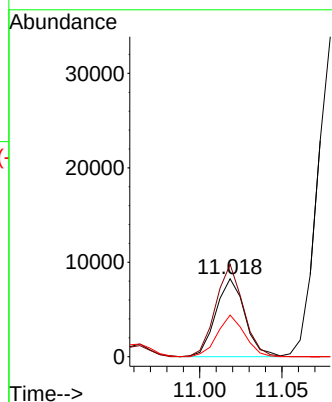
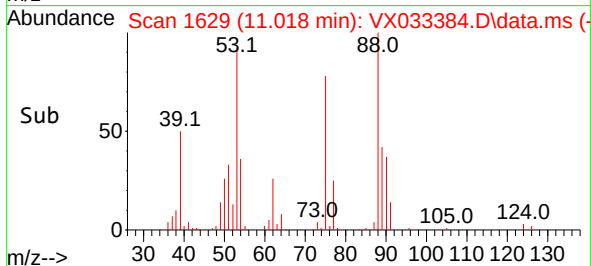
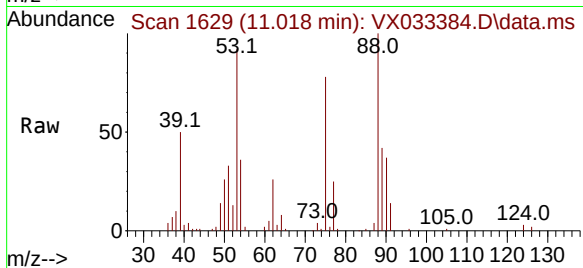
#81
trans-1,4-Dichloro-2-butene
Concen: 15.728 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion: 75 Resp: 1011
Ion Ratio Lower Upper
75 100
53 112.7 86.9 130.3
89 49.9 38.3 57.5

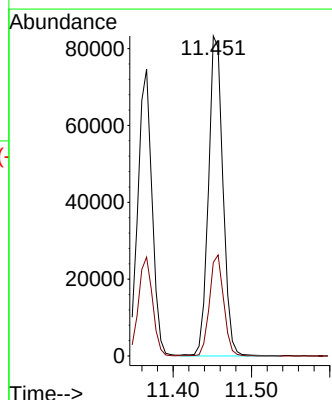
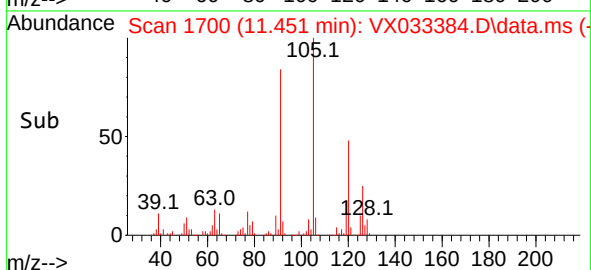
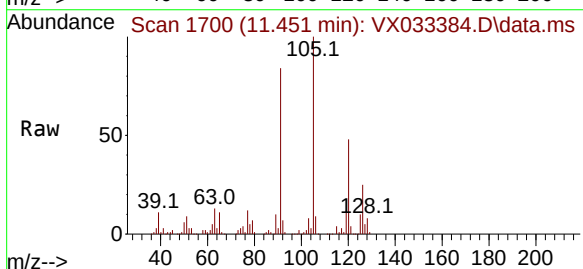
Manual Integrations
APPROVED

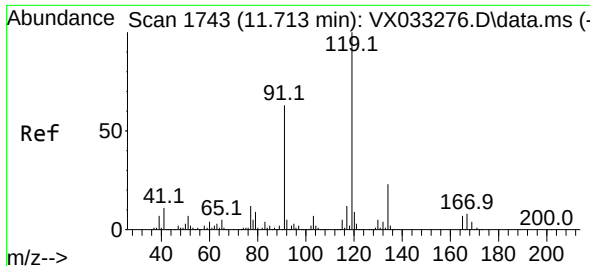
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#82
4-Chlorotoluene
Concen: 18.685 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

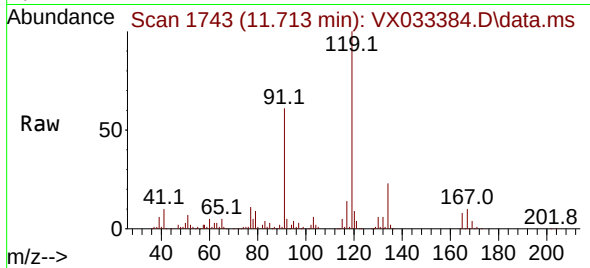
Tgt Ion: 91 Resp: 106820
Ion Ratio Lower Upper
91 100
126 30.9 14.8 44.4





#83
tert-Butylbenzene
Concen: 19.177 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

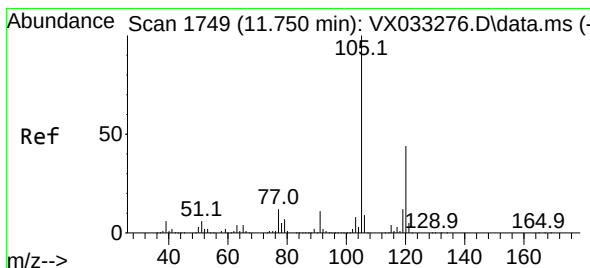
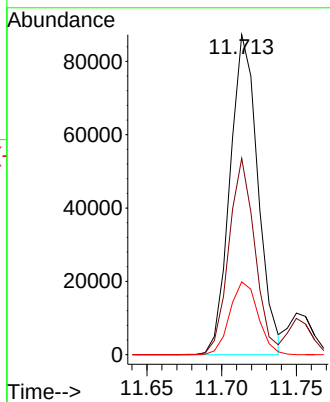
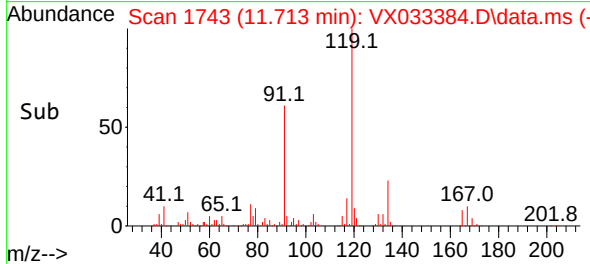
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



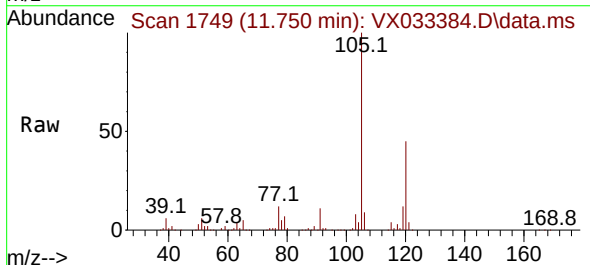
Tgt Ion:119 Resp: 11341
Ion Ratio Lower Upper
119 100
91 57.4 29.4 88.2
134 23.0 11.0 33.0

Manual Integrations
APPROVED

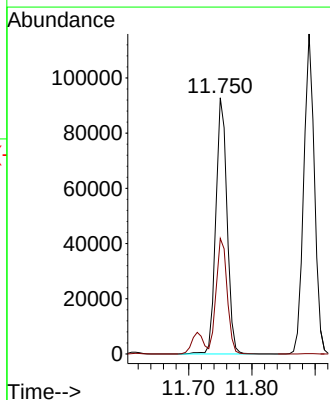
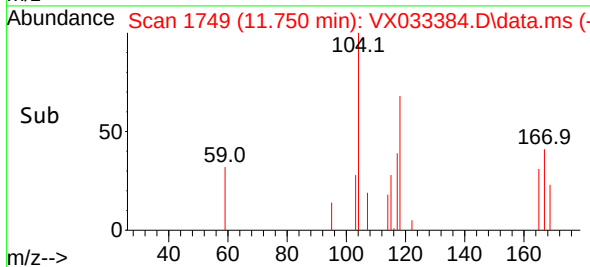
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

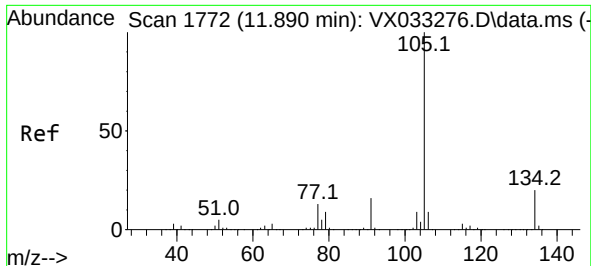


#84
1,2,4-Trimethylbenzene
Concen: 19.171 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03



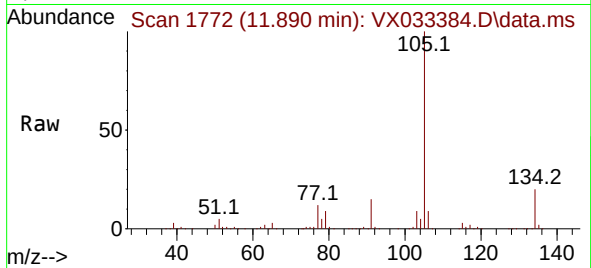
Tgt Ion:105 Resp: 113495
Ion Ratio Lower Upper
105 100
120 44.4 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 19.545 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033384.D
 Acq: 13 Dec 2022 12:03

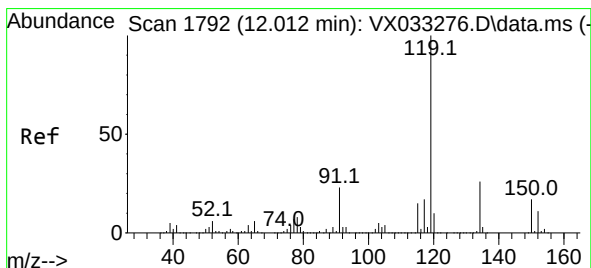
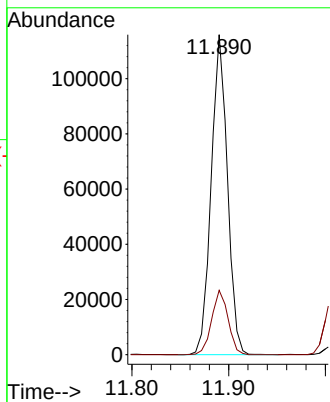
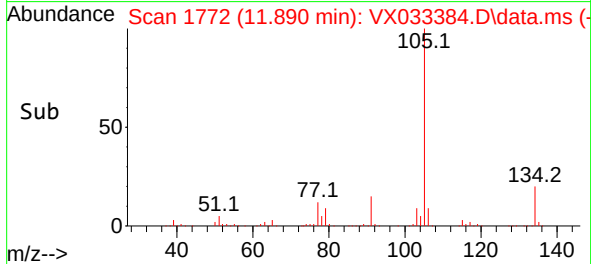
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1213MBS01



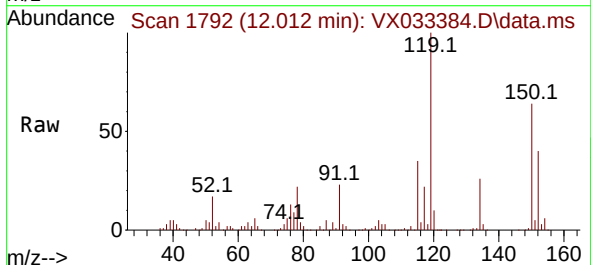
Tgt Ion:105 Resp: 13486
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.9 29.7

Manual Integrations
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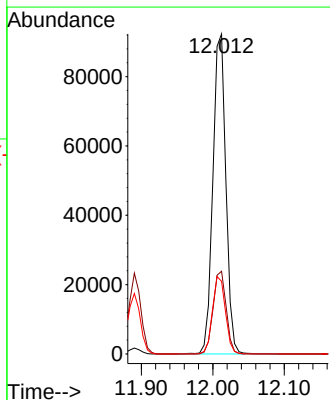
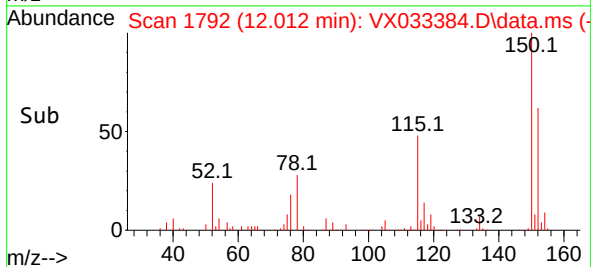
Reviewed By :John Carlone 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

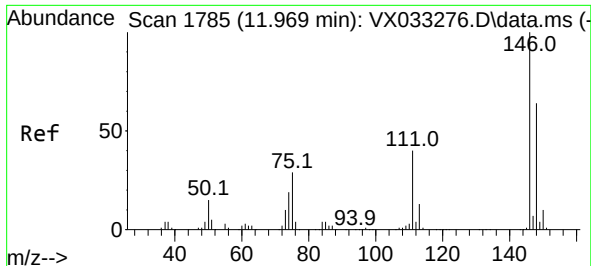


#86
 p-Isopropyltoluene
 Concen: 19.527 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033384.D
 Acq: 13 Dec 2022 12:03



Tgt Ion:119 Resp: 116167
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.7
 91 24.1 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 19.133 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Instrument :

MSVOA_X

ClientSampleId :

VX1213MBS01

Tgt Ion:146 Resp: 6235

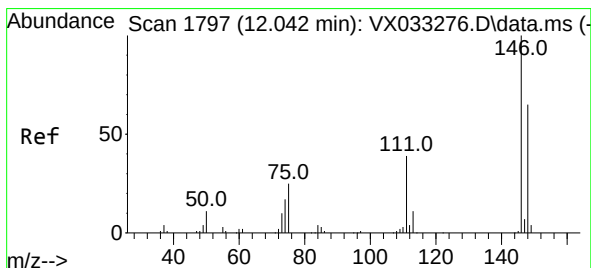
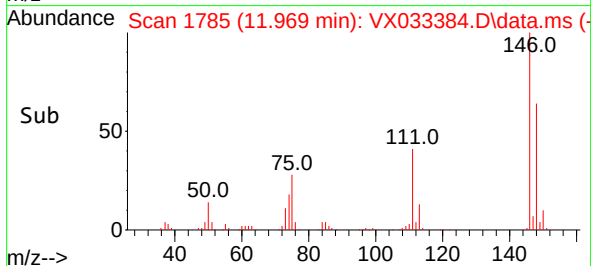
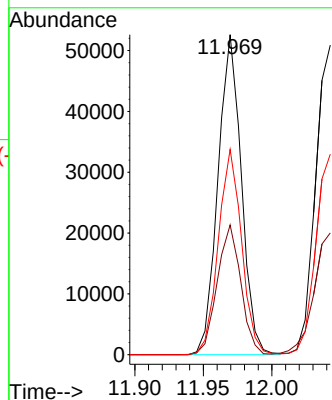
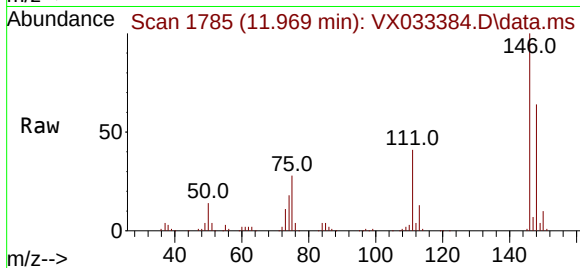
Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.6	61.8
148	64.0	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2022

Supervised By :Mahesh Dadoda 12/14/2022



#88

1,4-Dichlorobenzene

Concen: 19.160 ug/l

RT: 12.043 min Scan# 1797

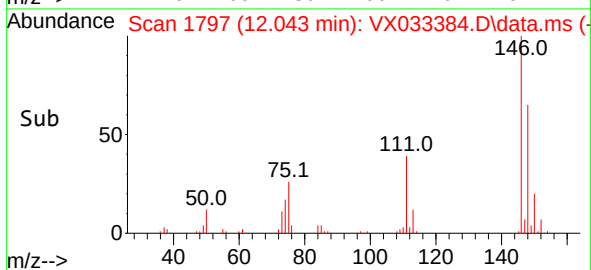
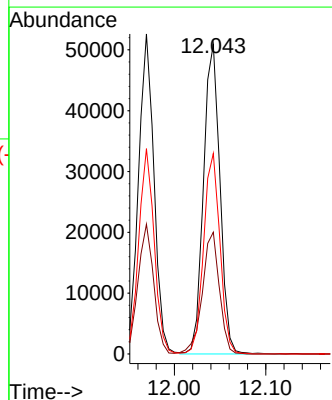
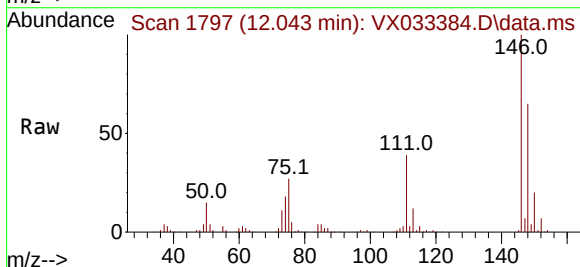
Delta R.T. 0.000 min

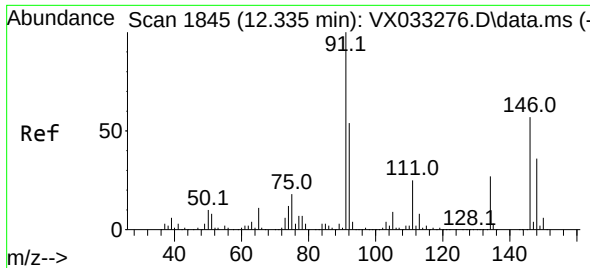
Lab File: VX033384.D

Acq: 13 Dec 2022 12:03

Tgt Ion:146 Resp: 63783

Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.5	61.6
148	64.2	32.2	96.6





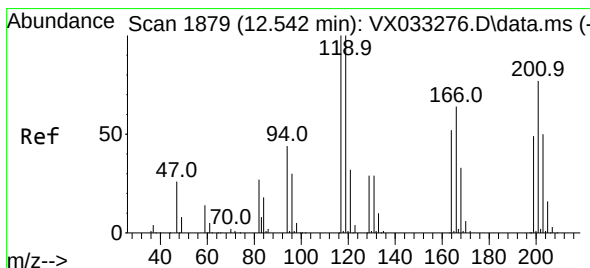
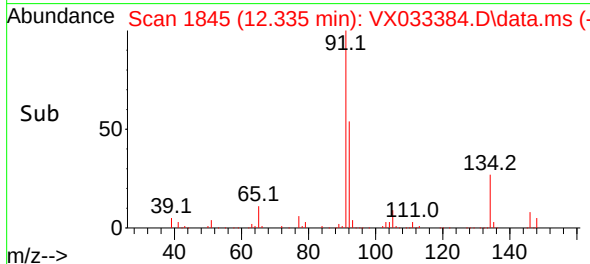
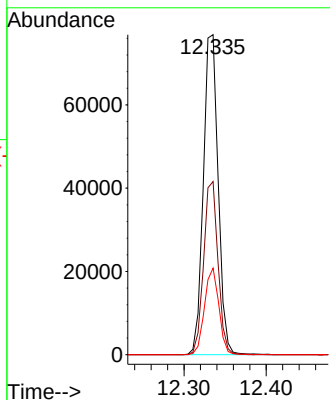
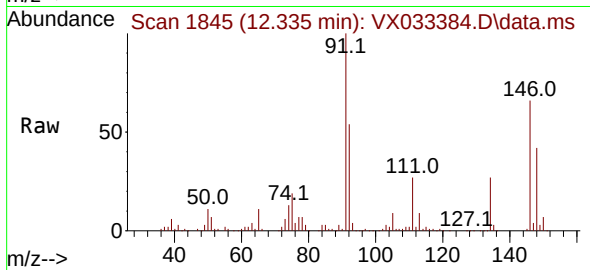
#89
n-Butylbenzene
Concen: 19.760 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion: 91 Resp: 9628
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.6
134 26.1 12.9 38.6

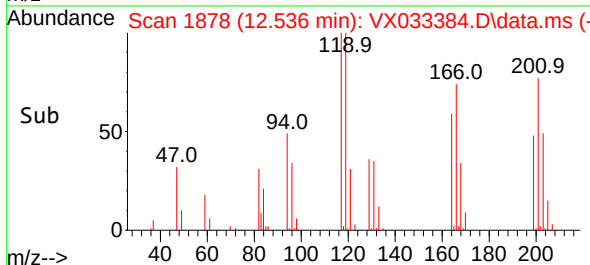
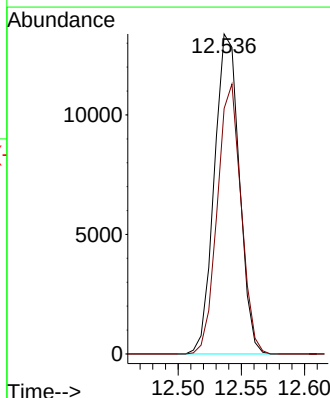
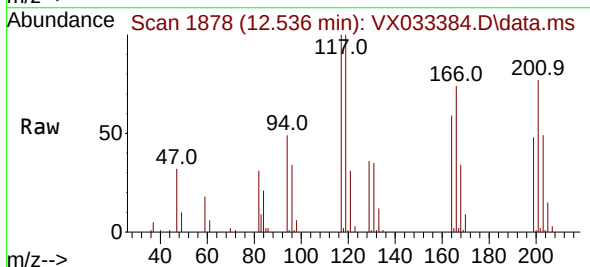
Manual Integrations
APPROVED

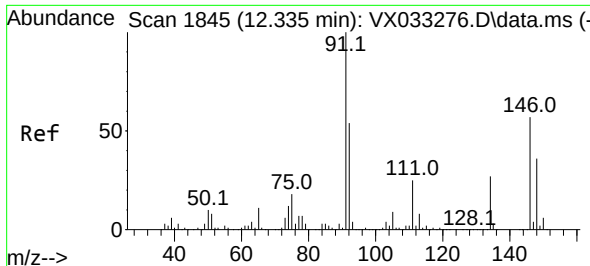
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#90
Hexachloroethane
Concen: 18.134 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

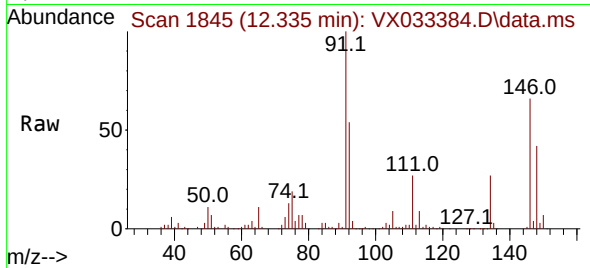
Tgt Ion:117 Resp: 18337
Ion Ratio Lower Upper
117 100
201 80.4 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 18.891 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

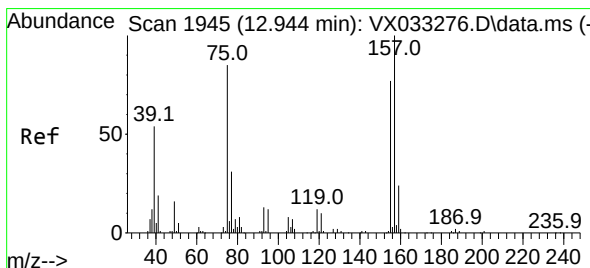
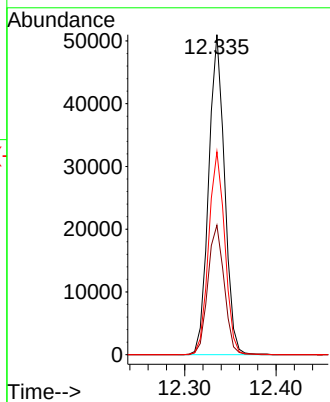
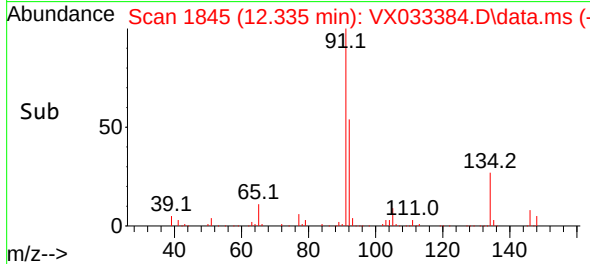
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



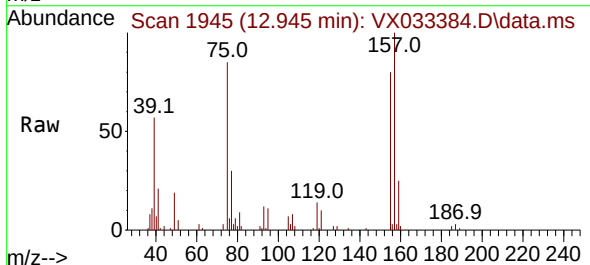
Tgt Ion:146 Resp: 61554
Ion Ratio Lower Upper
146 100
111 41.5 21.5 64.5
148 64.5 32.0 96.2

Manual Integrations
APPROVED

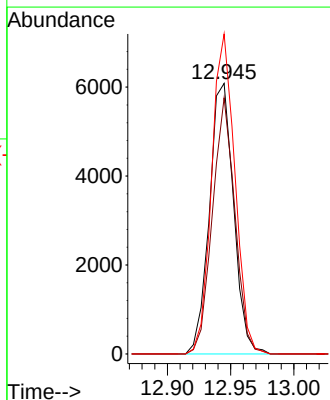
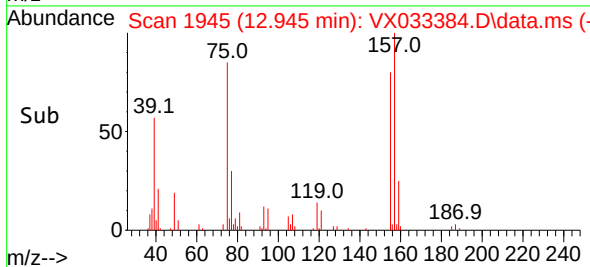
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022

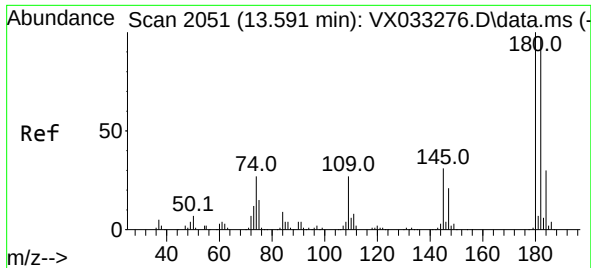


#92
1,2-Dibromo-3-Chloropropane
Concen: 16.562 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03



Tgt Ion: 75 Resp: 8086
Ion Ratio Lower Upper
75 100
155 87.8 41.6 124.8
157 113.7 54.1 162.4





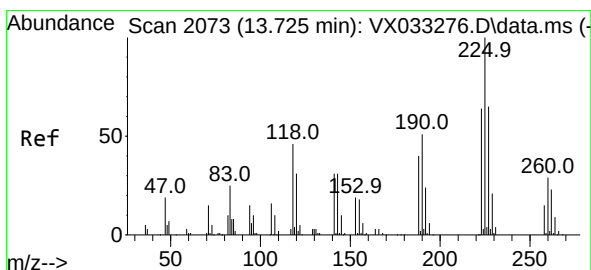
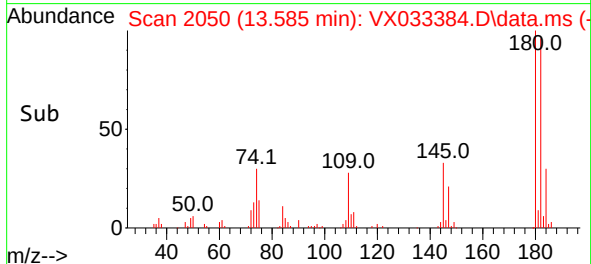
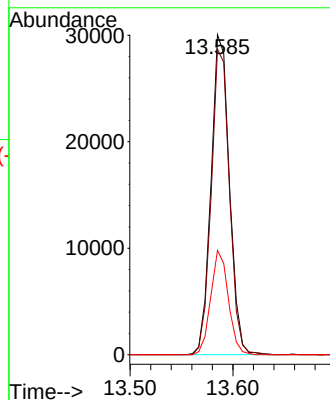
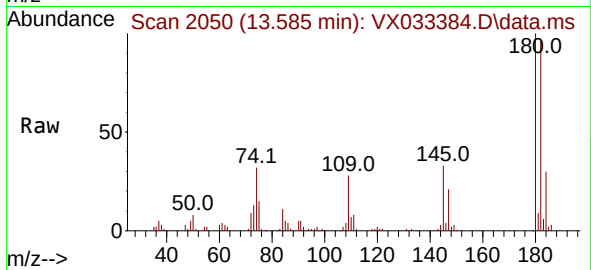
#93
1,2,4-Trichlorobenzene
Concen: 18.963 ug/l
RT: 13.585 min Scan# 2051
Delta R.T. -0.006 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01

Tgt Ion:180 Resp: 3731
Ion Ratio Lower Upper
180 100
182 94.4 48.4 145.0
145 31.1 16.2 48.5

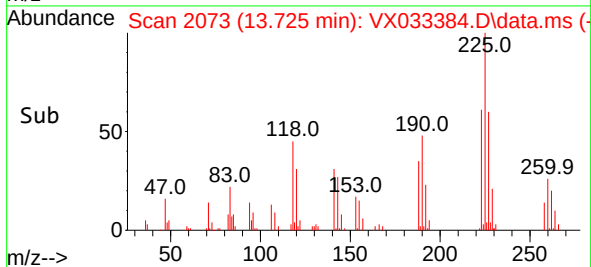
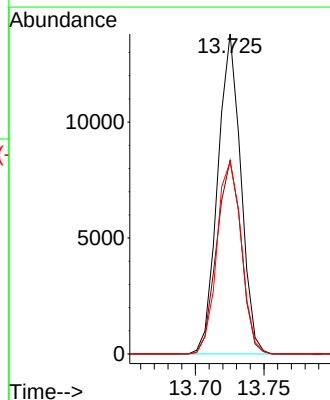
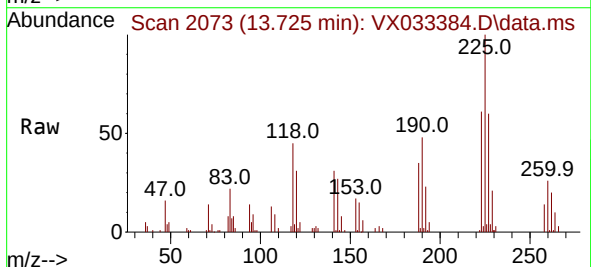
Manual Integrations
APPROVED

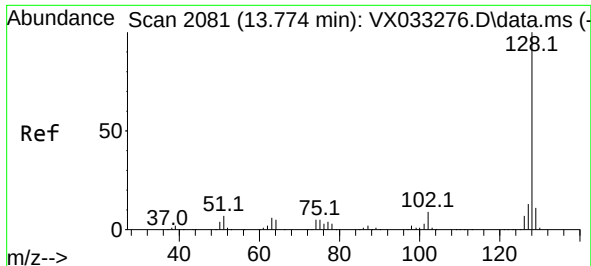
Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#94
Hexachlorobutadiene
Concen: 20.455 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

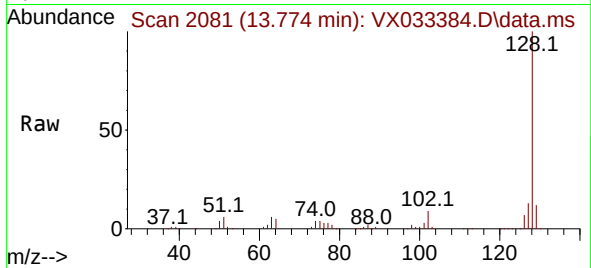
Tgt Ion:225 Resp: 16119
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.9
227 64.0 31.9 95.5





#95
Naphthalene
Concen: 18.535 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03

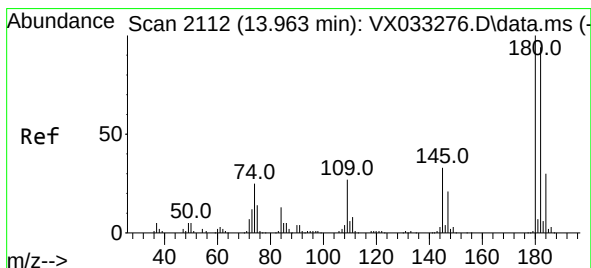
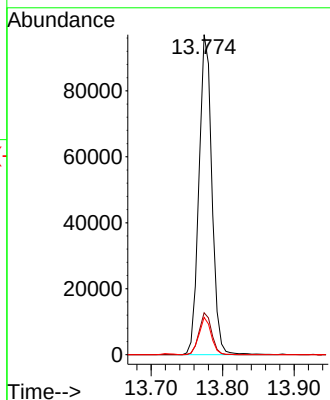
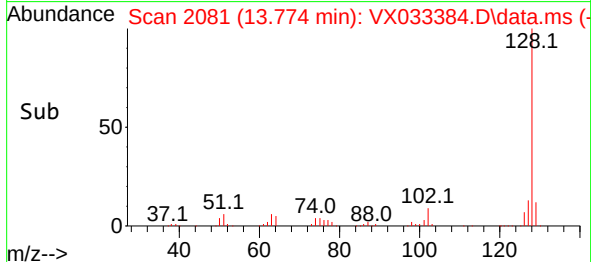
Instrument :
MSVOA_X
ClientSampleId :
VX1213MBS01



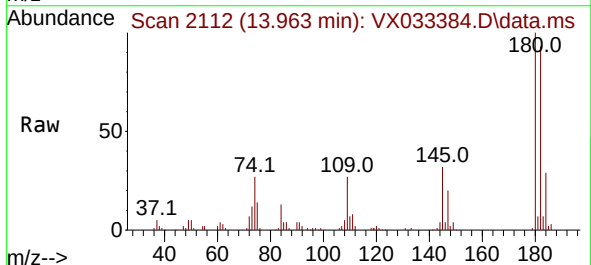
Tgt Ion:128 Resp: 12166
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.1 8.9 13.3

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2022
Supervised By :Mahesh Dadoda 12/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.671 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033384.D
Acq: 13 Dec 2022 12:03



Tgt Ion:180 Resp: 37213
Ion Ratio Lower Upper
180 100
182 93.1 47.5 142.6
145 33.6 16.9 50.6

