

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033501.D
 Acq On : 20 Dec 2022 12:35
 Operator : JC/MD
 Sample : VX1220WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Dec 21 04:13:32 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	131330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	199856	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98082	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	38909	46.181	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 92.360%			
35) Dibromofluoromethane	5.379	113	45896	51.057	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.120%			
50) Toluene-d8	8.647	98	96505	51.319	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.640%			
62) 4-Bromofluorobenzene	11.079	95	81480	56.668	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	19998	21.798	ug/l	100
3) Chloromethane	1.294	50	20493	19.320	ug/l	98
4) Vinyl Chloride	1.374	62	23488	19.393	ug/l	97
5) Bromomethane	1.617	94	15537	17.481	ug/l	94
6) Chloroethane	1.691	64	16731	18.212	ug/l	98
7) Trichlorofluoromethane	1.892	101	36290	15.960	ug/l	100
8) Diethyl Ether	2.130	74	12745	15.518	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	22951	19.028	ug/l	100
10) Methyl Iodide	2.453	142	29681	22.468	ug/l	98
11) Tert butyl alcohol	2.989	59	22396	86.945	ug/l	100
12) 1,1-Dichloroethene	2.319	96	20395	17.130	ug/l	99
13) Acrolein	2.239	56	19669	70.405	ug/l	99
14) Allyl chloride	2.666	41	39101	20.565	ug/l	98
15) Acrylonitrile	3.062	53	64458	101.019	ug/l	99
16) Acetone	2.386	43	72080	115.615	ug/l	100
17) Carbon Disulfide	2.514	76	57289	18.748	ug/l	100
18) Methyl Acetate	2.703	43	38678	21.431	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	90083	21.843	ug/l	99
20) Methylene Chloride	2.788	84	29032	20.880	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	28104	21.578	ug/l	98
22) Diisopropyl ether	3.757	45	89878	22.063	ug/l	95
23) Vinyl Acetate	3.721	43	337821	106.842	ug/l	98
24) 1,1-Dichloroethane	3.605	63	51388	21.469	ug/l	99
25) 2-Butanone	4.556	43	95009	106.166	ug/l	97
26) 2,2-Dichloropropane	4.471	77	42119	23.929	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	33900	21.779	ug/l	98
28) Bromochloromethane	4.897	49	20579	20.539	ug/l	94
29) Tetrahydrofuran	5.007	42	56358	97.200	ug/l	97
30) Chloroform	5.086	83	59450	22.373	ug/l	93
31) Cyclohexane	5.470	56	44055	22.002	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	52471	22.951	ug/l	99
36) 1,1-Dichloropropene	5.690	75	41411	23.629	ug/l	98
37) Ethyl Acetate	4.708	43	34898	21.065	ug/l	99
38) Carbon Tetrachloride	5.672	117	46043	23.448	ug/l	96
39) Methylcyclohexane	7.379	83	47313	24.119	ug/l	97
40) Benzene	6.037	78	120668	23.614	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	19803	21.692	ug/l	97
42) 1,2-Dichloroethane	6.086	62	47218	23.270	ug/l	99
43) Isopropyl Acetate	6.336	43	58889	22.092	ug/l	99
44) Trichloroethene	7.123	130	34569	24.537	ug/l	96
45) 1,2-Dichloropropane	7.427	63	30452	23.302	ug/l	94
46) Dibromomethane	7.580	93	23083	23.187	ug/l	96
47) Bromodichloromethane	7.818	83	46234	23.825	ug/l	98
48) Methyl methacrylate	7.690	41	30180	21.937	ug/l	95
49) 1,4-Dioxane	7.690	88	12824	408.784	ug/l	98
51) 4-Methyl-2-Pentanone	8.567	43	191315	113.493	ug/l	97
52) Toluene	8.714	92	79831	24.163	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	44597	22.826	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	48887	23.674	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	33527	24.141	ug/l	98
56) Ethyl methacrylate	9.116	69	46129	23.591	ug/l	92
57) 1,3-Dichloropropane	9.305	76	53699	24.069	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	95249	106.458	ug/l	97
59) 2-Hexanone	9.427	43	147269	118.551	ug/l	97
60) Dibromochloromethane	9.519	129	36321	23.737	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35030	23.713	ug/l	99
64) Tetrachloroethene	9.275	164	30693	24.067	ug/l	95
65) Chlorobenzene	10.079	112	90819	24.047	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	34304	24.035	ug/l	99
67) Ethyl Benzene	10.195	91	158177	24.040	ug/l	96
68) m/p-Xylenes	10.299	106	126058	49.243	ug/l	97
69) o-Xylene	10.640	106	60912	24.073	ug/l	98
70) Styrene	10.652	104	101641	24.527	ug/l	98
71) Bromoform	10.799	173	25395	22.479	ug/l #	97
73) Isopropylbenzene	10.963	105	164375	23.122	ug/l	100
74) N-amyl acetate	10.841	43	51121	21.077	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	49219	21.824	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	43799m	21.949	ug/l	
77) Bromobenzene	11.201	156	40264	22.429	ug/l	98
78) n-propylbenzene	11.305	91	186634	23.512	ug/l	99
79) 2-Chlorotoluene	11.366	91	112533	22.939	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	139272	23.535	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	12640	19.704	ug/l	98
82) 4-Chlorotoluene	11.457	91	130051	22.799	ug/l	98
83) tert-Butylbenzene	11.713	119	137705	23.336	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	137325	23.248	ug/l	100
85) sec-Butylbenzene	11.890	105	167629	24.347	ug/l	99
86) p-Isopropyltoluene	12.012	119	142397	23.989	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	75650	23.263	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	77955	23.469	ug/l	99
89) n-Butylbenzene	12.335	91	119460	24.572	ug/l	98
90) Hexachloroethane	12.542	117	21753	21.560	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	74686	22.972	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	9717	19.947	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	45074	22.956	ug/l	96
94) Hexachlorobutadiene	13.725	225	20495	26.066	ug/l	99
95) Naphthalene	13.774	128	144028	21.990	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	44657	22.456	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration

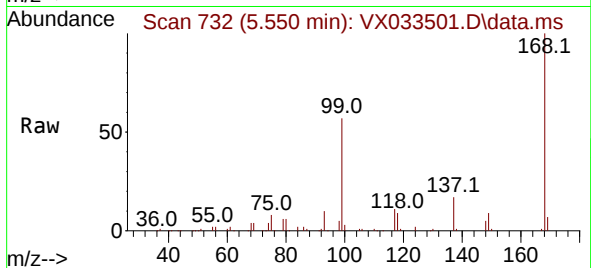
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033501.D
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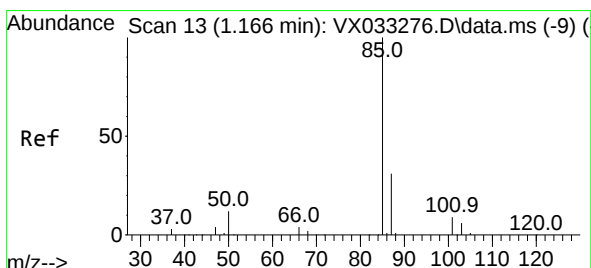
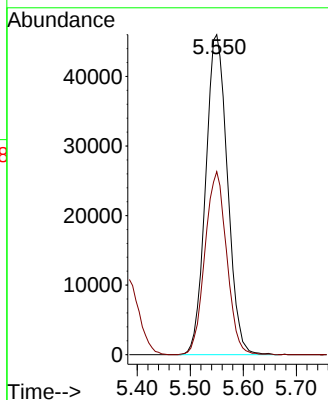
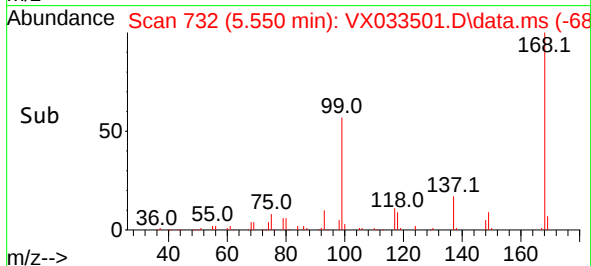
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



Tgt Ion:168 Resp: 131330
Ion Ratio Lower Upper
168 100
99 57.2 46.1 69.1

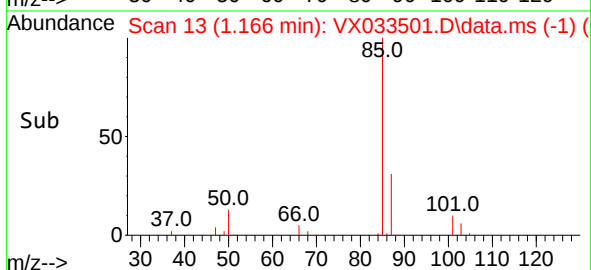
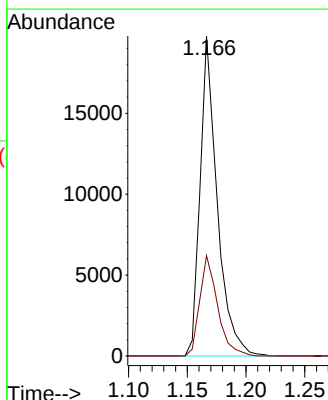
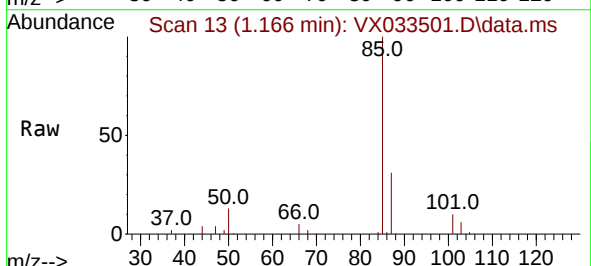
Manual Integrations
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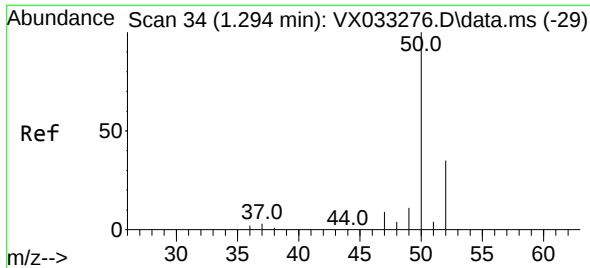
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#2
Dichlorodifluoromethane
Concen: 21.798 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Tgt Ion: 85 Resp: 19998
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.7





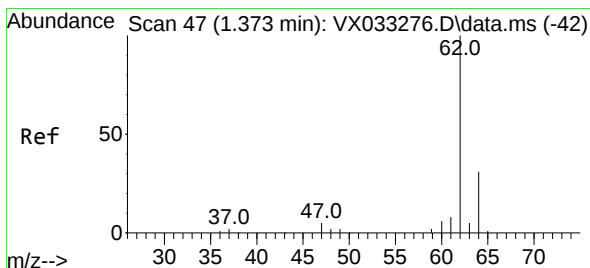
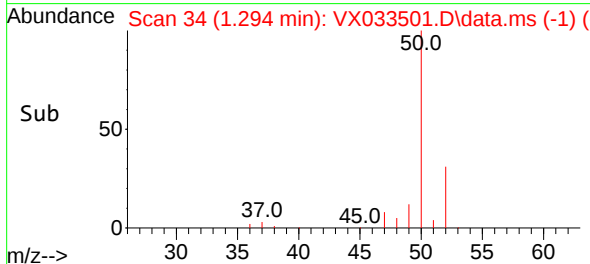
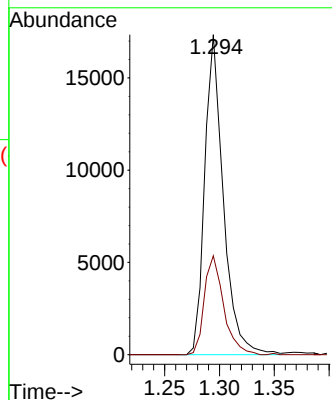
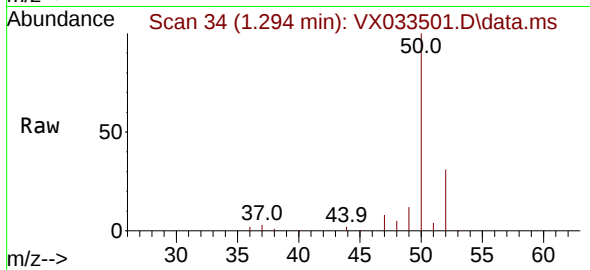
#3
Chloromethane
Concen: 19.320 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion: 50 Resp: 2049
Ion Ratio Lower Upper
50 100
52 30.9 25.4 38.2

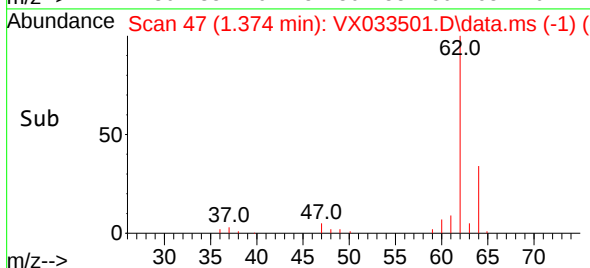
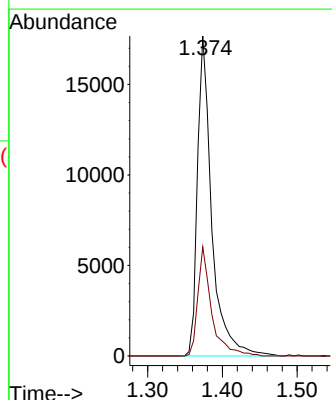
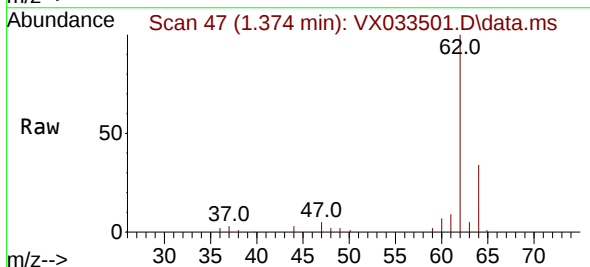
Manual Integrations
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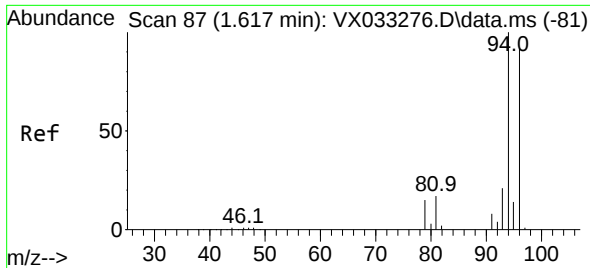
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#4
Vinyl Chloride
Concen: 19.393 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

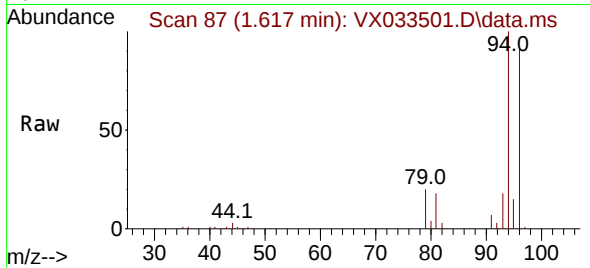
Tgt Ion: 62 Resp: 23488
Ion Ratio Lower Upper
62 100
64 34.1 25.8 38.6





#5
Bromomethane
Concen: 17.481 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

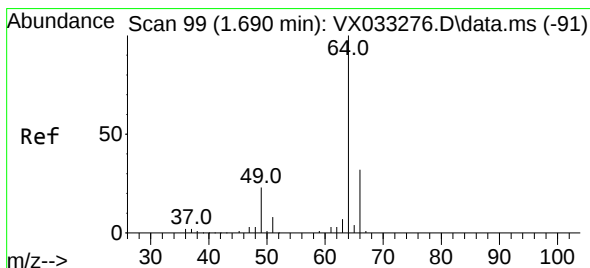
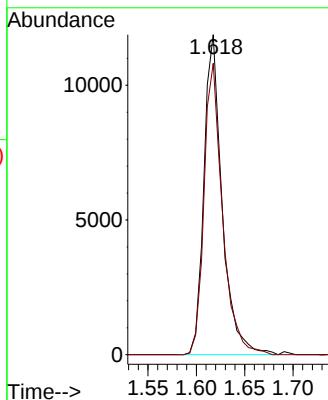
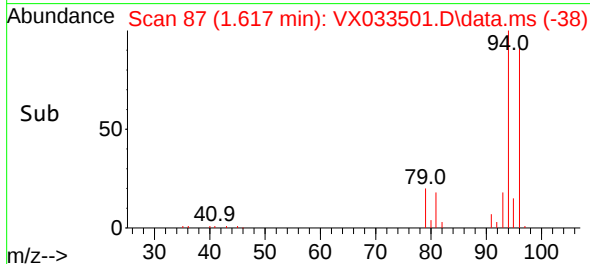
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



Tgt Ion: 94 Resp: 1553
Ion Ratio Lower Upper
94 100
96 91.1 77.6 116.4

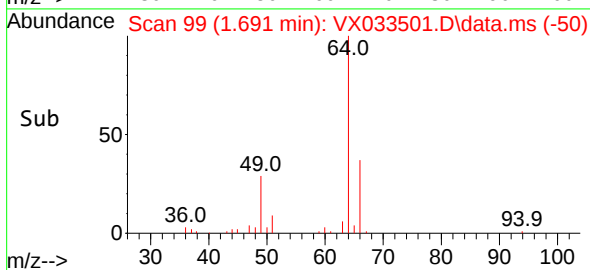
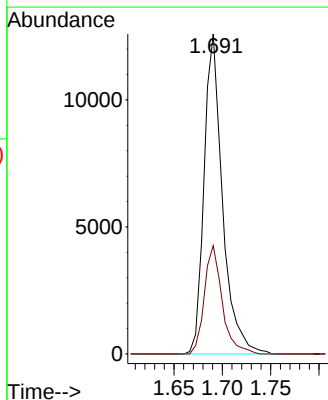
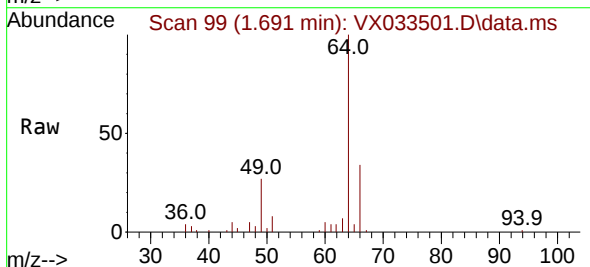
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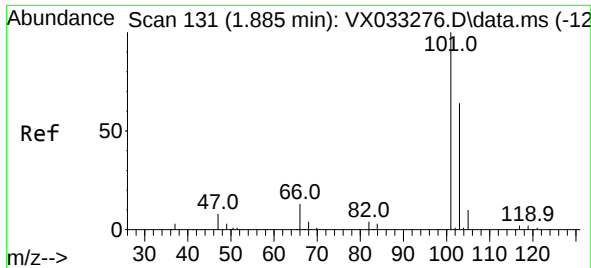
Reviewed By :John Carlone 12/21/2022
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#6
Chloroethane
Concen: 18.212 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

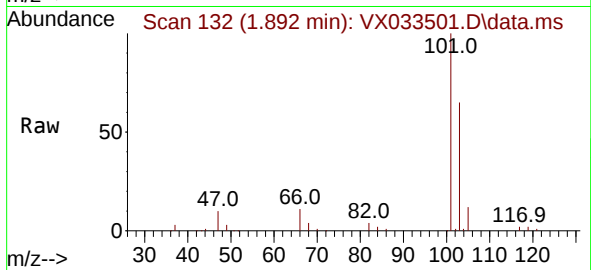
Tgt Ion: 64 Resp: 16731
Ion Ratio Lower Upper
64 100
66 33.9 26.0 39.0





#7
 Trichlorofluoromethane
 Concen: 15.960 ug/l
 RT: 1.892 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX033501.D
 Acq: 20 Dec 2022 12:35

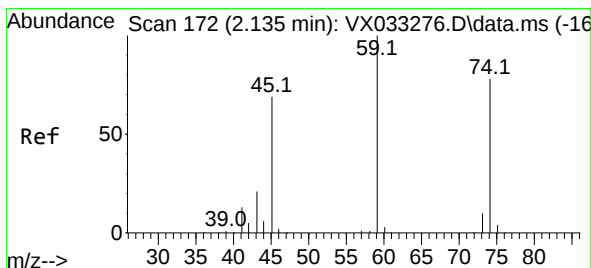
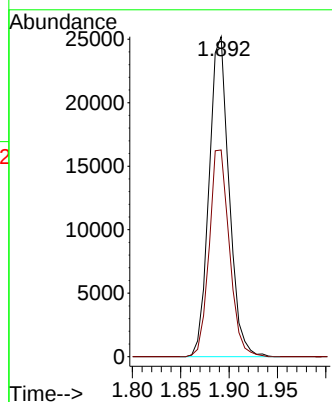
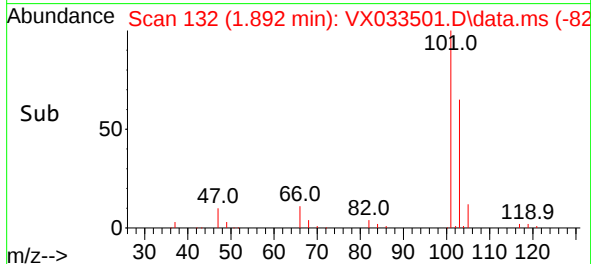
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01



Tgt Ion:101 Resp: 36290
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.2

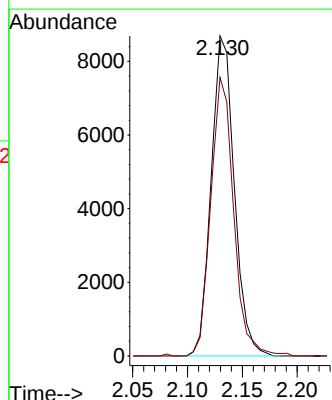
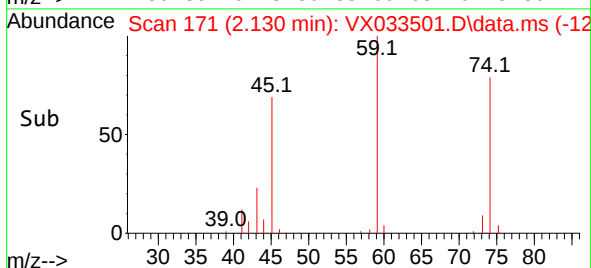
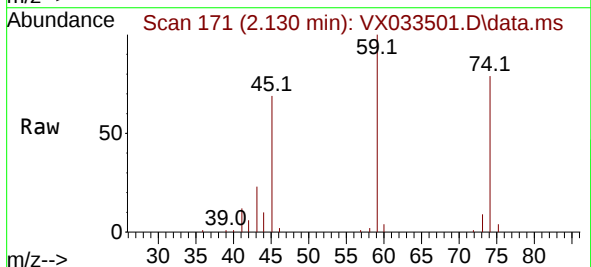
Manual Integrations
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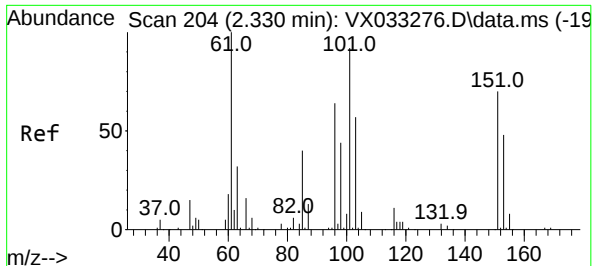
Reviewed By :John Carlone 12/21/2022
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#8
 Diethyl Ether
 Concen: 15.518 ug/l
 RT: 2.130 min Scan# 171
 Delta R.T. -0.006 min
 Lab File: VX033501.D
 Acq: 20 Dec 2022 12:35

Tgt Ion: 74 Resp: 12745
 Ion Ratio Lower Upper
 74 100
 45 86.3 46.6 139.7





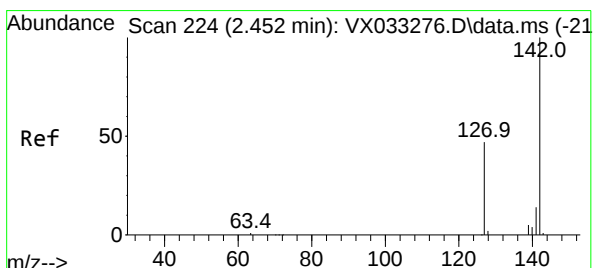
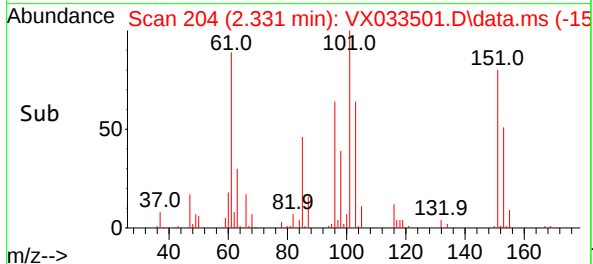
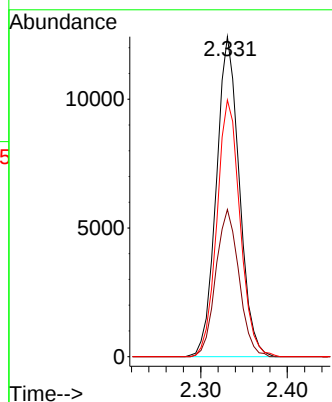
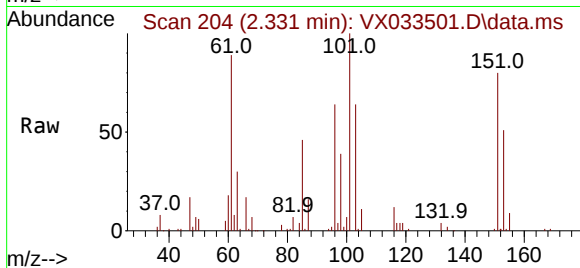
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.028 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion:101 Resp: 2295
Ion Ratio Lower Upper
101 100
85 46.4 37.0 55.4
151 80.6 64.4 96.6

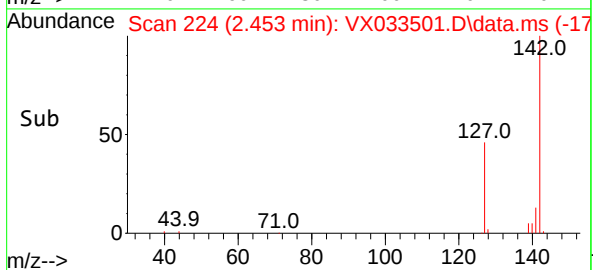
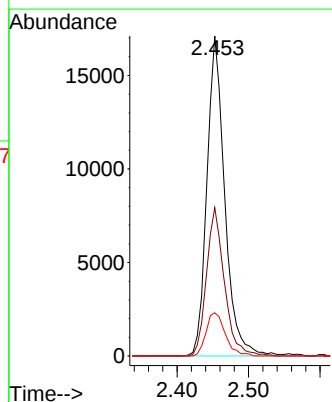
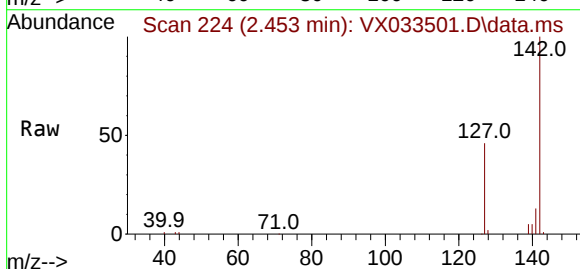
Manual Integrations
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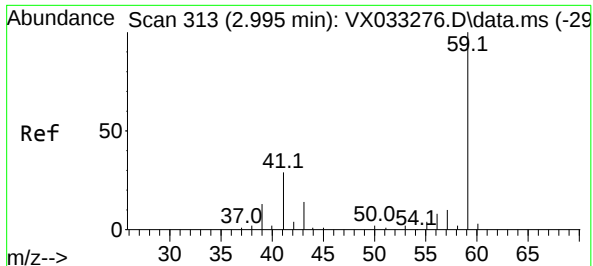
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#10
Methyl Iodide
Concen: 22.468 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Tgt Ion:142 Resp: 29681
Ion Ratio Lower Upper
142 100
127 46.6 38.6 57.8
141 14.5 11.4 17.2





#11

Tert butyl alcohol

Concen: 86.945 ug/l

RT: 2.989 min Scan# 313

Delta R.T. -0.006 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion: 59 Resp: 22390

Ion Ratio Lower Upper

59 100

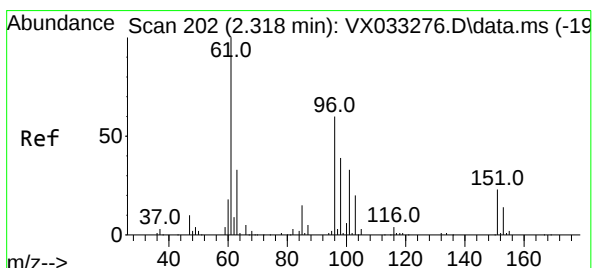
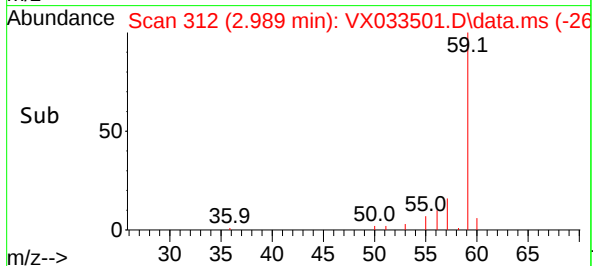
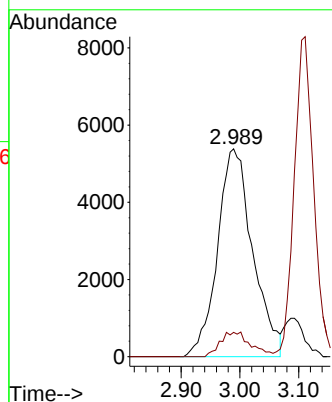
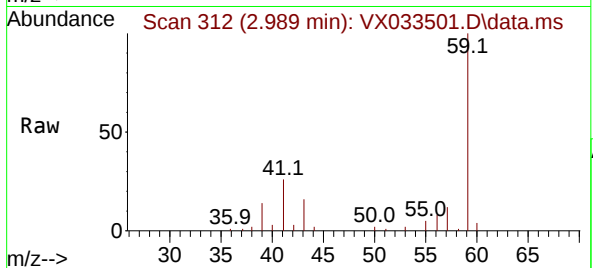
57 10.2 8.2 12.4

Manual Integrations

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Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#12

1,1-Dichloroethene

Concen: 17.130 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

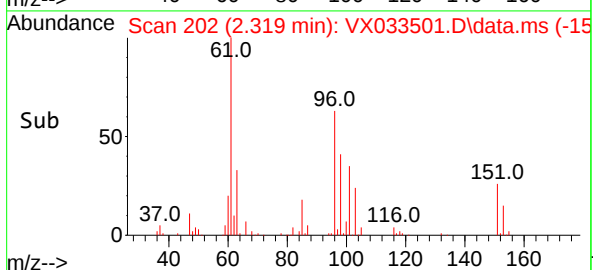
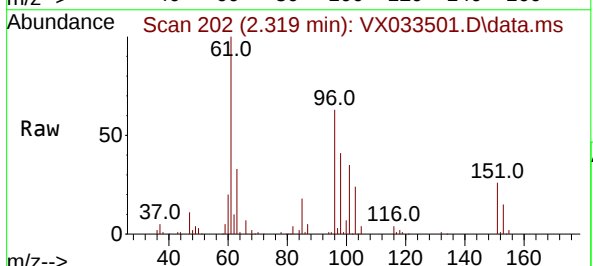
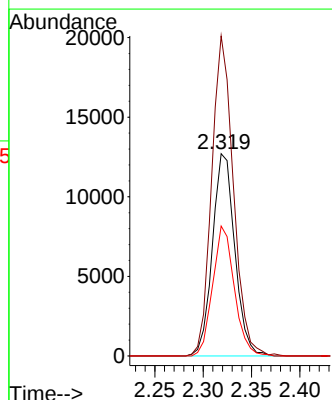
Tgt Ion: 96 Resp: 20395

Ion Ratio Lower Upper

96 100

61 158.2 125.1 187.7

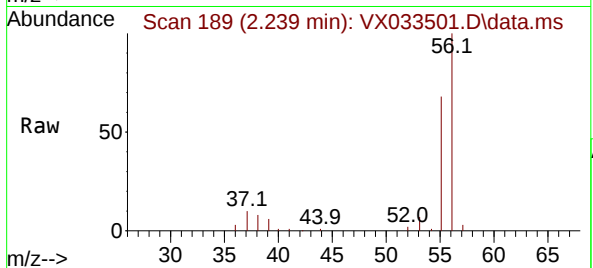
98 64.2 50.6 76.0





#13
Acrolein
Concen: 70.405 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

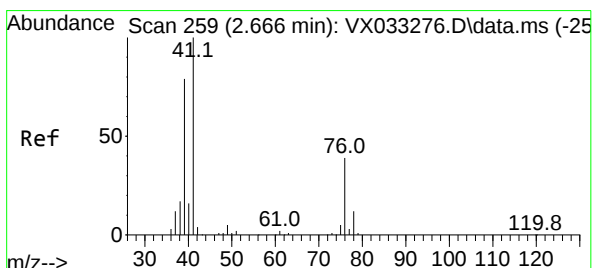
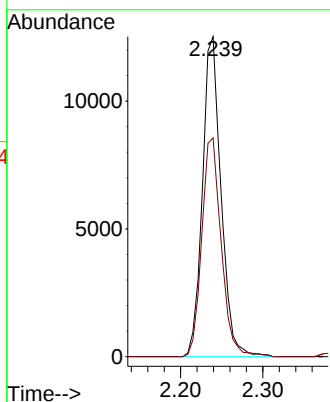
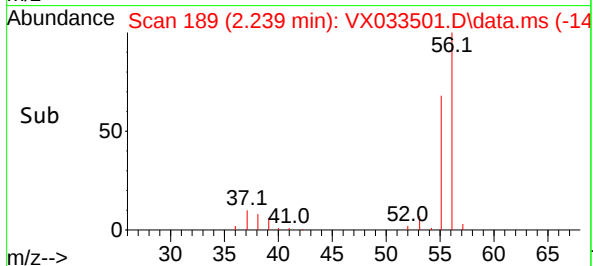
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



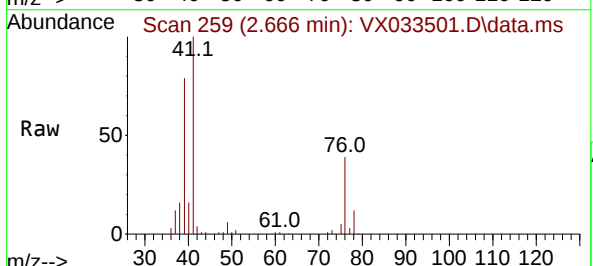
Tgt Ion: 56 Resp: 1966
Ion Ratio Lower Upper
56 100
55 71.6 56.9 85.3

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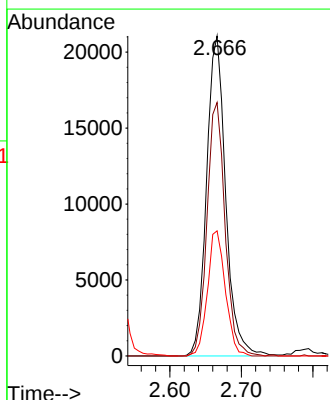
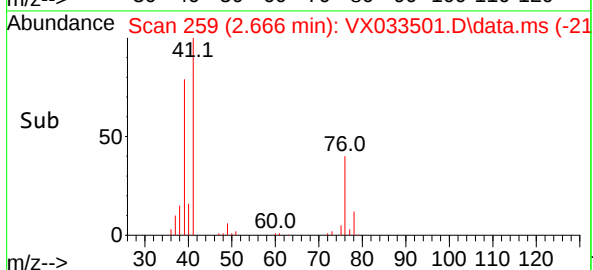
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

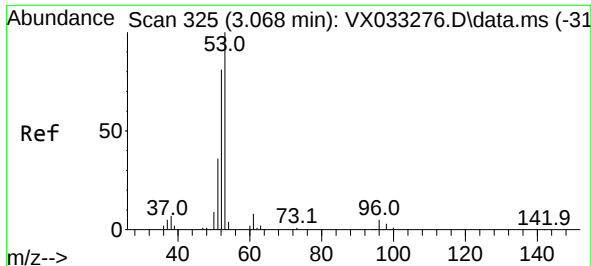


#14
Allyl chloride
Concen: 20.565 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



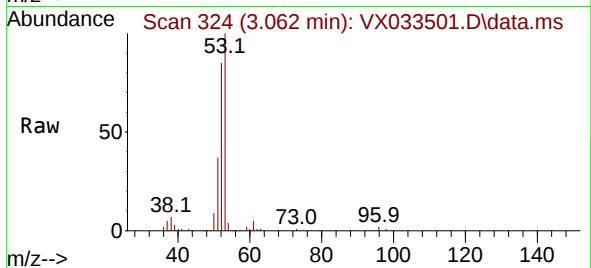
Tgt Ion: 41 Resp: 39101
Ion Ratio Lower Upper
41 100
39 74.8 61.4 92.2
76 36.6 29.2 43.8





#15
Acrylonitrile
Concen: 101.019 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

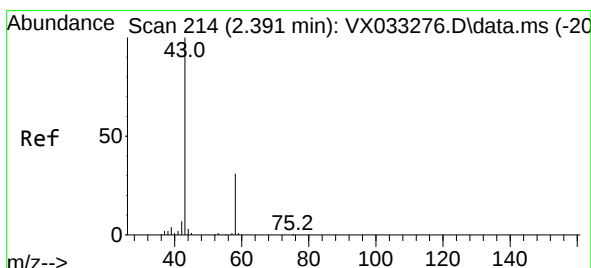
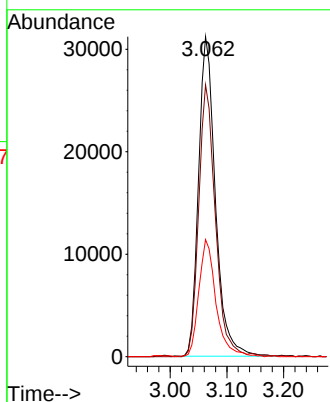
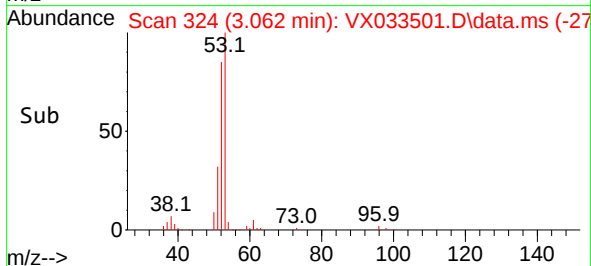
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



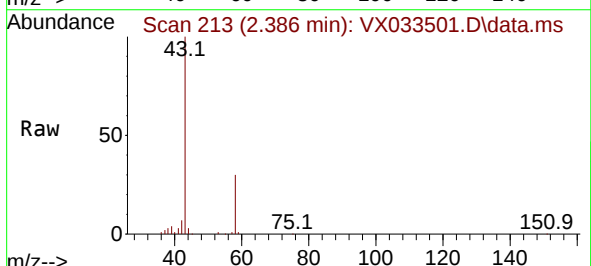
Tgt Ion: 53 Resp: 64458
Ion Ratio Lower Upper
53 100
52 83.7 67.4 101.0
51 37.4 30.3 45.5

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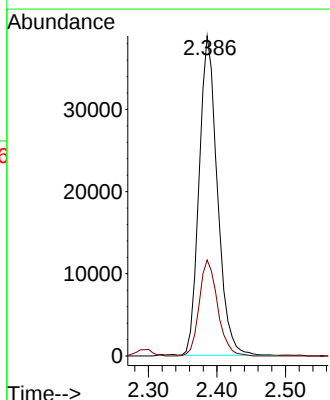
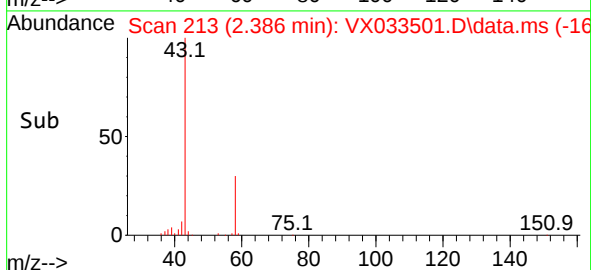
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

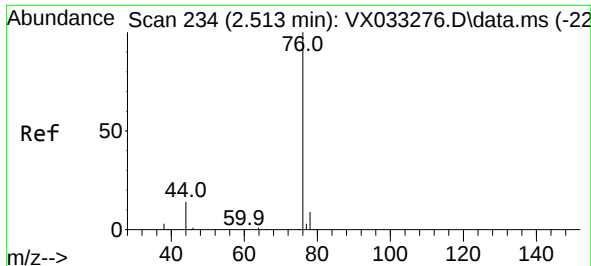


#16
Acetone
Concen: 115.615 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



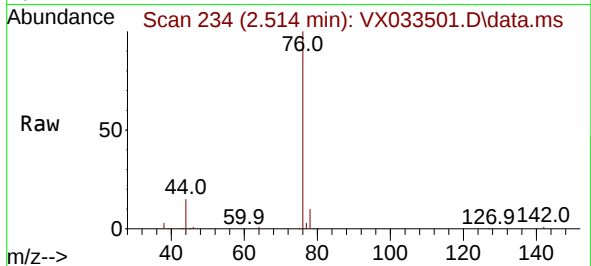
Tgt Ion: 43 Resp: 72080
Ion Ratio Lower Upper
43 100
58 30.1 23.8 35.8





#17
Carbon Disulfide
Concen: 18.748 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

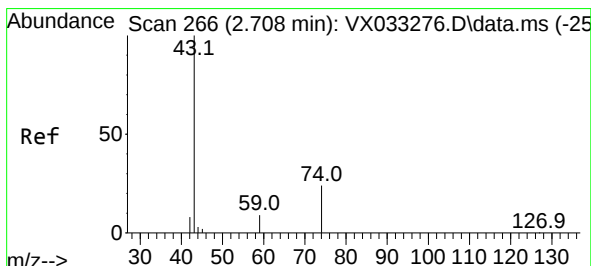
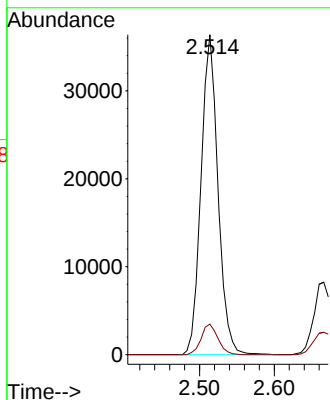
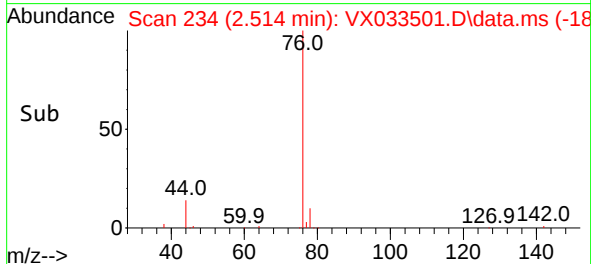
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



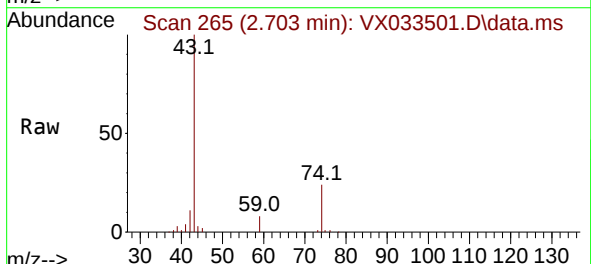
Tgt Ion: 76 Resp: 57289
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

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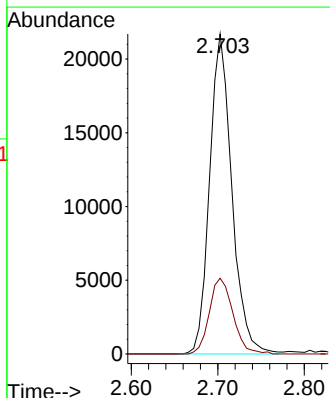
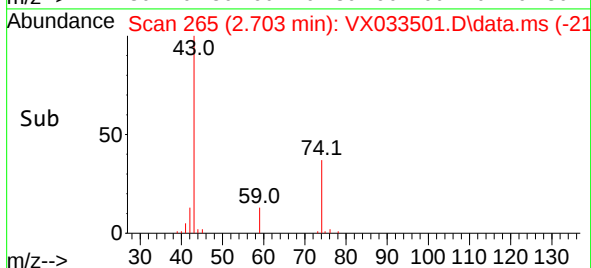
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

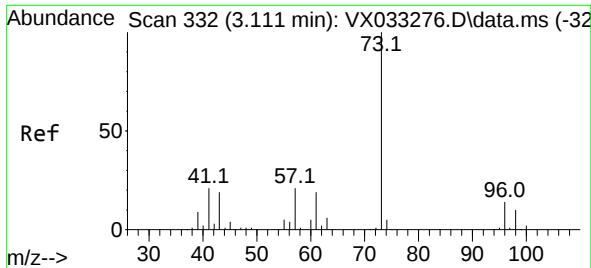


#18
Methyl Acetate
Concen: 21.431 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



Tgt Ion: 43 Resp: 38678
Ion Ratio Lower Upper
43 100
74 25.1 19.4 29.0





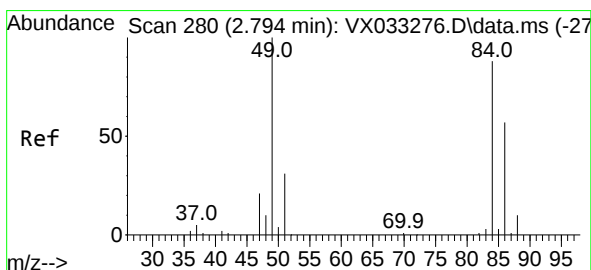
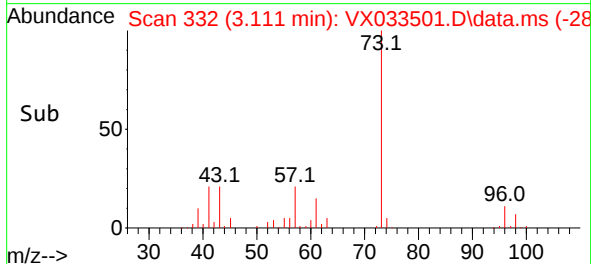
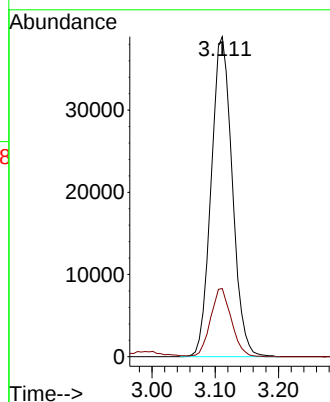
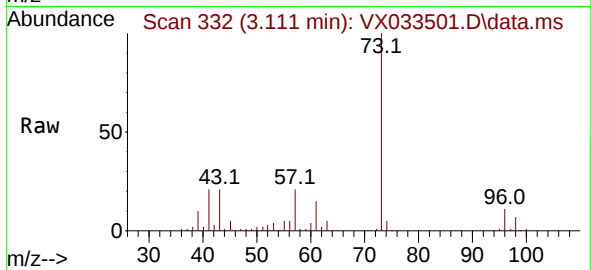
#19
Methyl tert-butyl Ether
Concen: 21.843 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion: 73 Resp: 9008
Ion Ratio Lower Upper
73 100
57 21.3 16.6 25.0

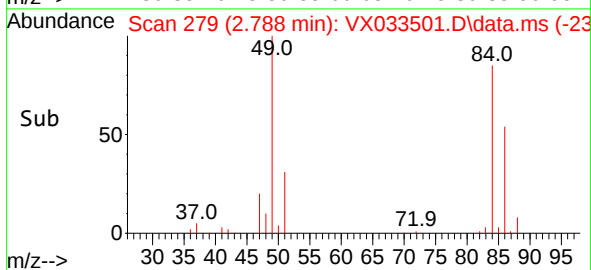
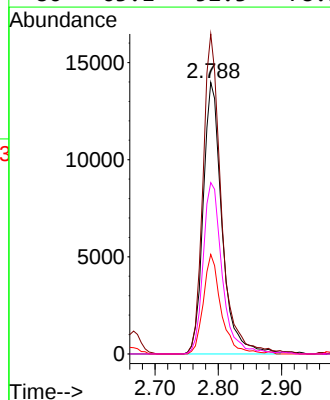
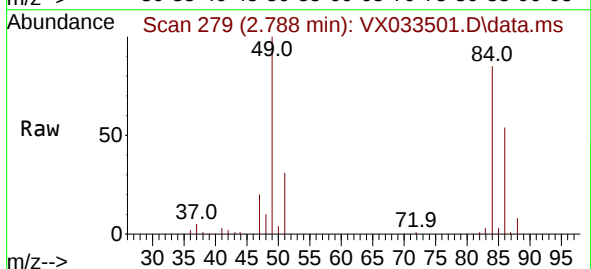
Manual Integrations
APPROVED

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



#20
Methylene Chloride
Concen: 20.880 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

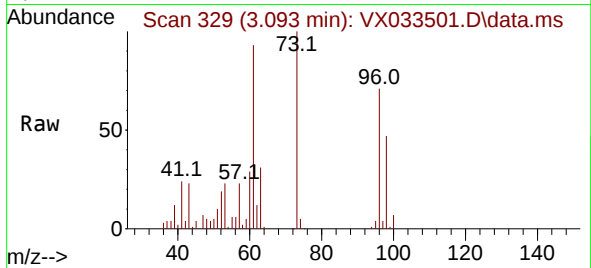
Tgt Ion: 84 Resp: 29032
Ion Ratio Lower Upper
84 100
49 117.9 101.0 151.6
51 36.7 31.1 46.7
86 63.1 52.3 78.5





#21
trans-1,2-Dichloroethene
Concen: 21.578 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

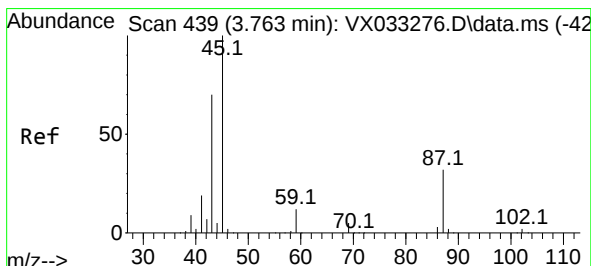
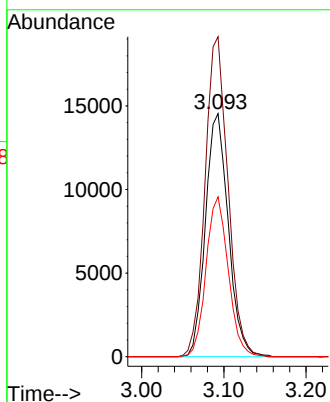
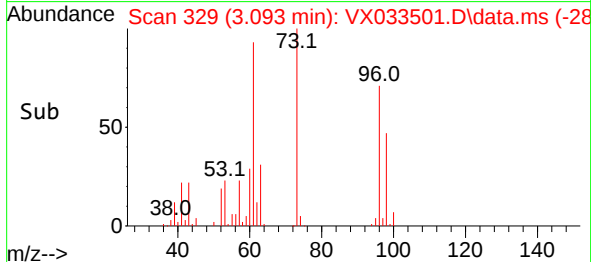
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



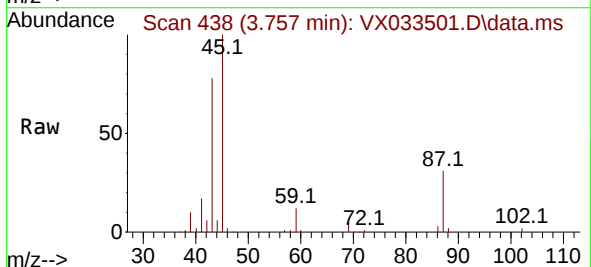
Tgt Ion: 96 Resp: 28104
Ion Ratio Lower Upper
96 100
61 131.7 106.6 160.0
98 65.8 51.0 76.6

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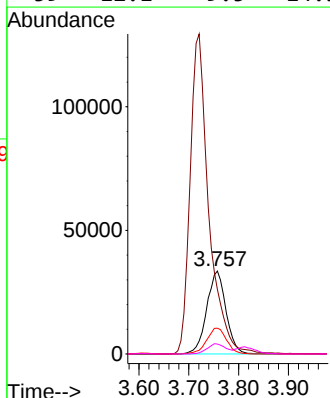
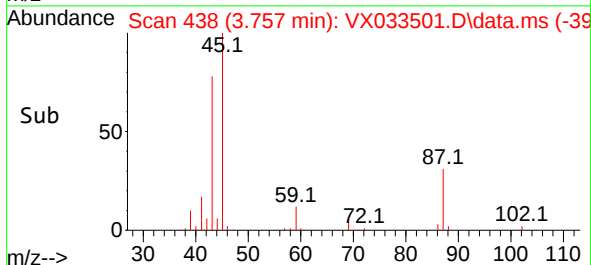
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

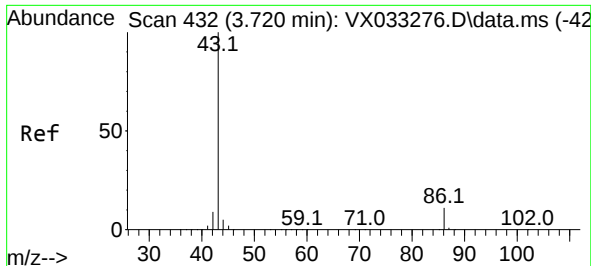


#22
Diisopropyl ether
Concen: 22.063 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



Tgt Ion: 45 Resp: 89878
Ion Ratio Lower Upper
45 100
43 76.6 56.4 84.6
87 31.1 24.4 36.6
59 12.1 9.5 14.3





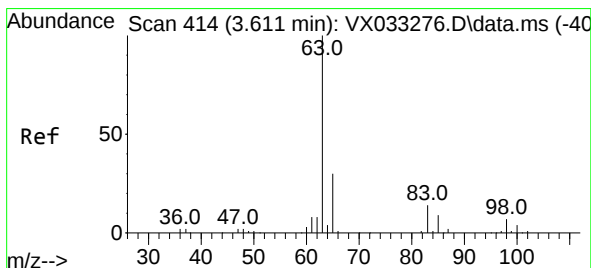
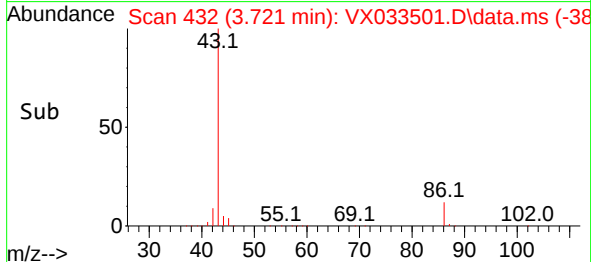
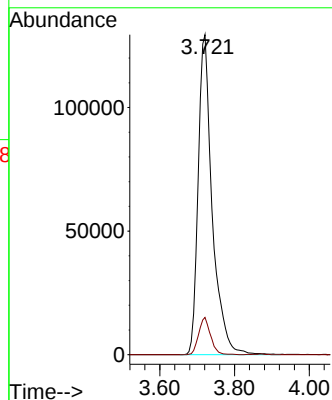
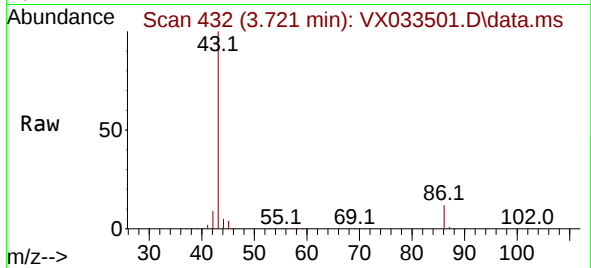
#23
 Vinyl Acetate
 Concen: 106.842 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX033501.D
 Acq: 20 Dec 2022 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01

Tgt Ion: 43 Resp: 33782
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.6 12.8

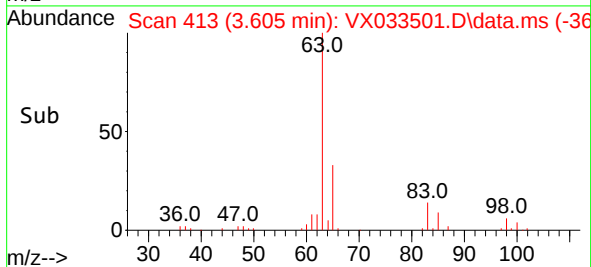
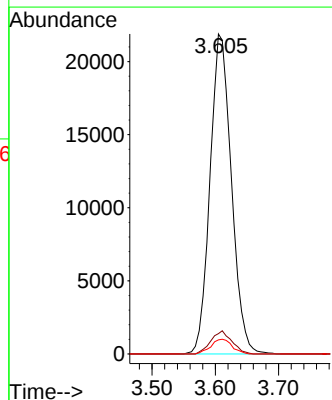
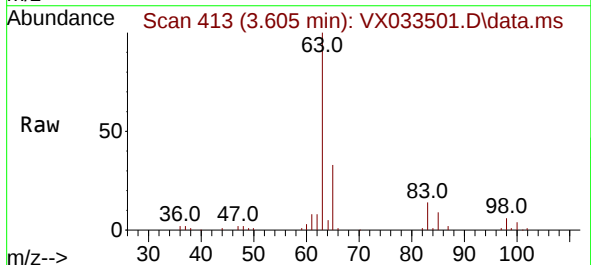
Manual Integrations
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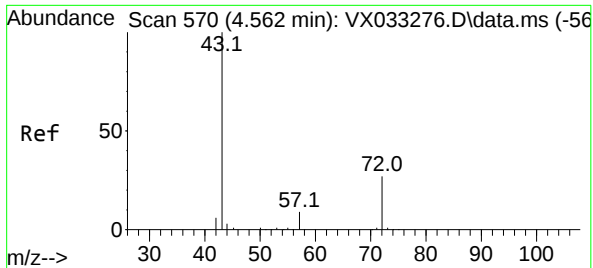
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#24
 1,1-Dichloroethane
 Concen: 21.469 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX033501.D
 Acq: 20 Dec 2022 12:35

Tgt Ion: 63 Resp: 51388
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.4
 100 4.4 2.3 6.8





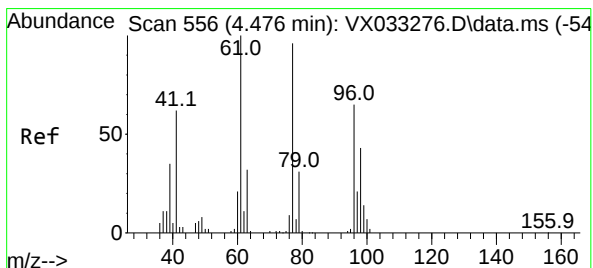
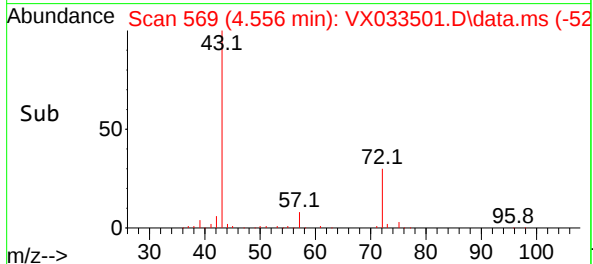
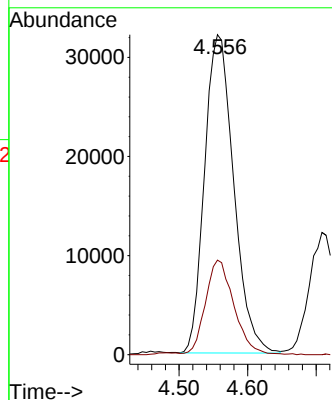
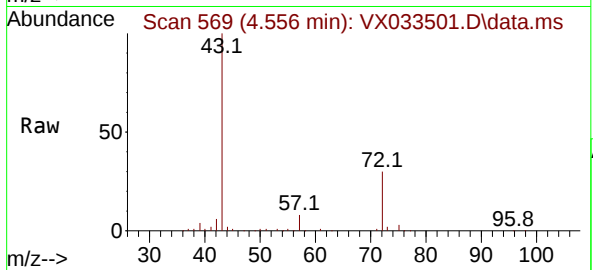
#25
2-Butanone
Concen: 106.166 ug/l
RT: 4.556 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion: 43 Resp: 95009
Ion Ratio Lower Upper
43 100
72 29.4 22.2 33.2

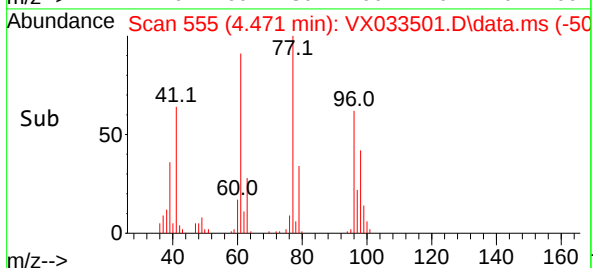
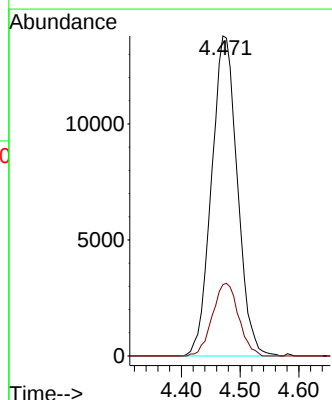
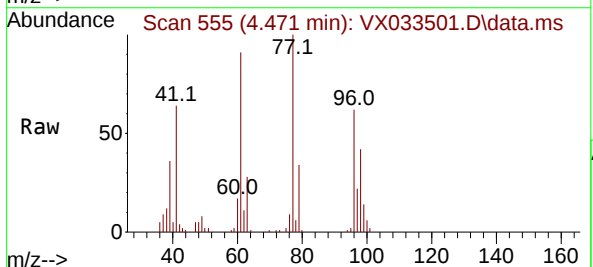
Manual Integrations
APPROVED

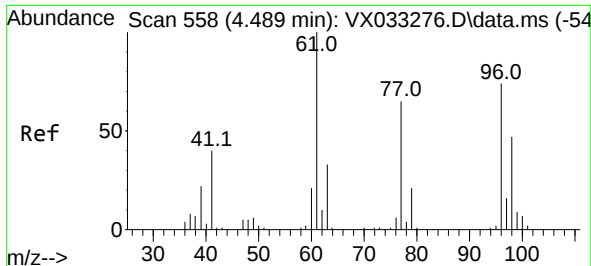
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#26
2,2-Dichloropropane
Concen: 23.929 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Tgt Ion: 77 Resp: 42119
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 21.779 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion: 96 Resp: 33900

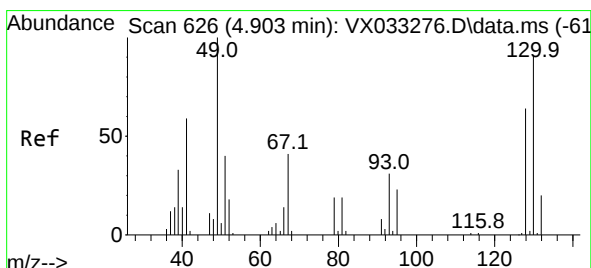
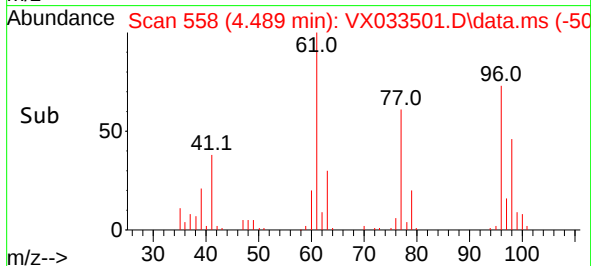
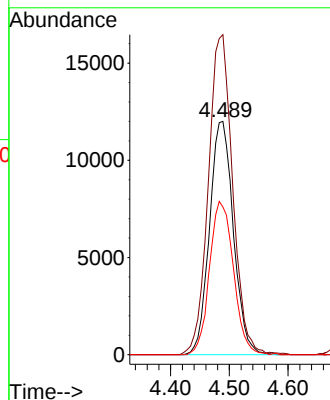
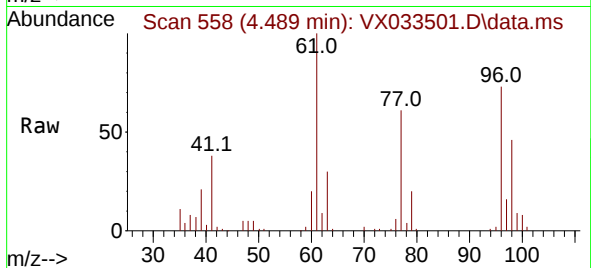
Ion	Ratio	Lower	Upper
96	100		
61	139.8	0.0	286.0
98	65.9	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#28

Bromochloromethane

Concen: 20.539 ug/l

RT: 4.897 min Scan# 625

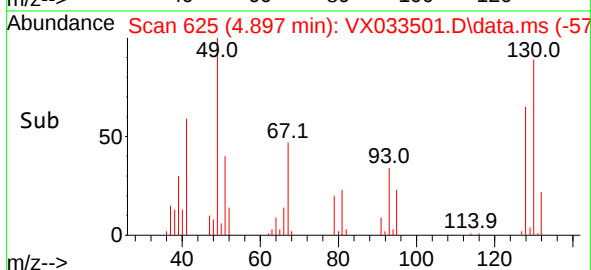
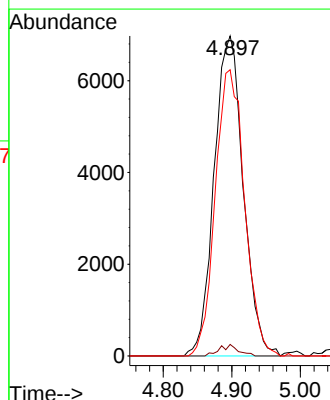
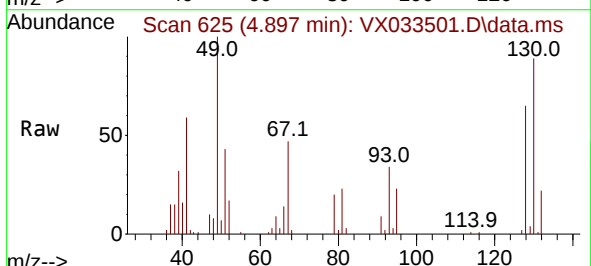
Delta R.T. -0.006 min

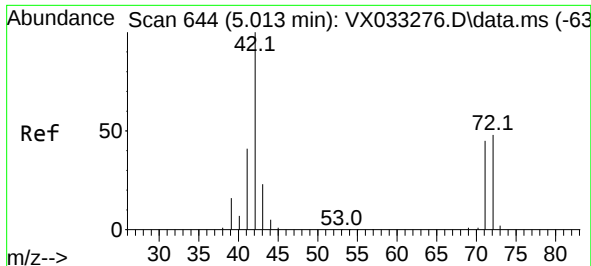
Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Tgt Ion: 49 Resp: 20579

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	3.8
130	89.9	67.5	101.3





#29

Tetrahydrofuran

Concen: 97.200 ug/l

RT: 5.007 min Scan# 644

Delta R.T. -0.006 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion: 42 Resp: 5635

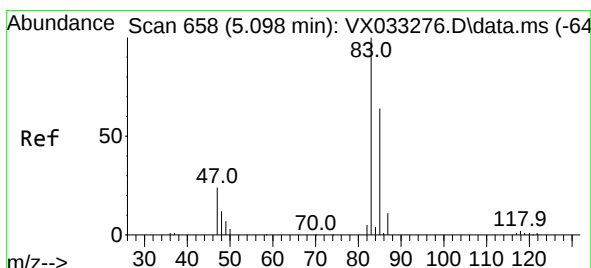
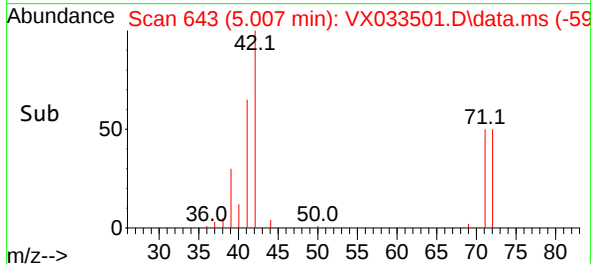
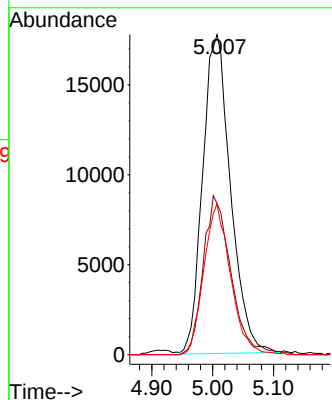
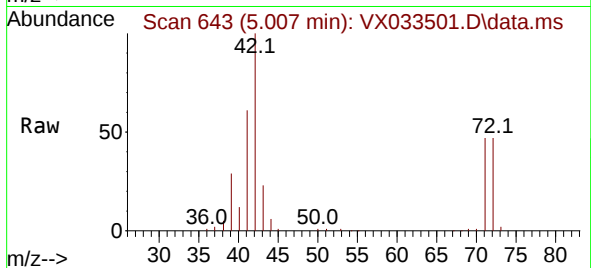
Ion	Ratio	Lower	Upper
42	100		
72	49.5	37.6	56.4
71	45.4	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#30

Chloroform

Concen: 22.373 ug/l

RT: 5.086 min Scan# 656

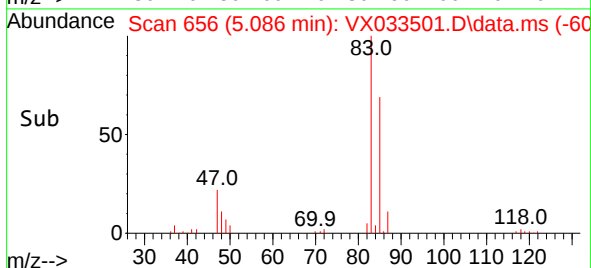
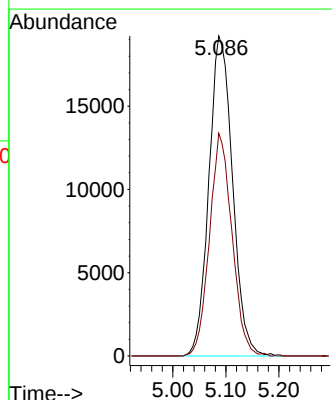
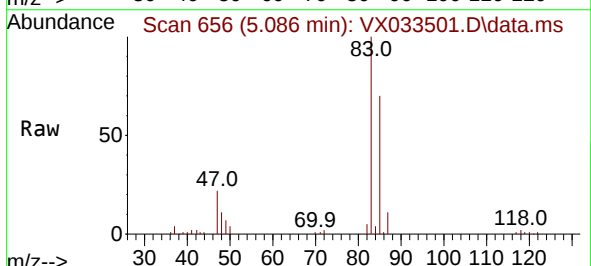
Delta R.T. -0.012 min

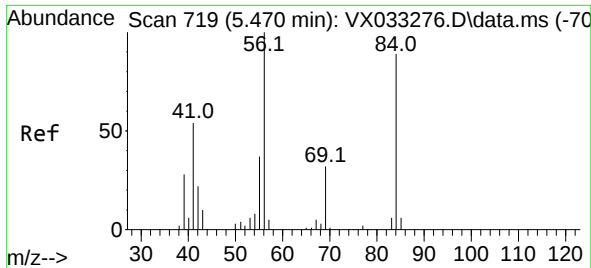
Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Tgt Ion: 83 Resp: 59450

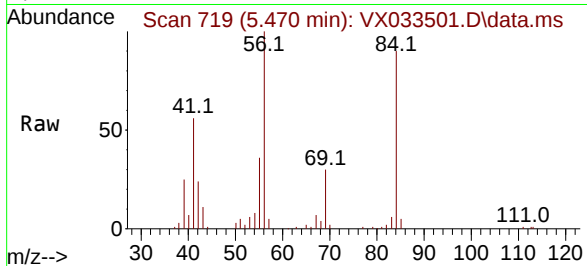
Ion	Ratio	Lower	Upper
83	100		
85	69.6	51.1	76.7





#31
Cyclohexane
Concen: 22.002 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

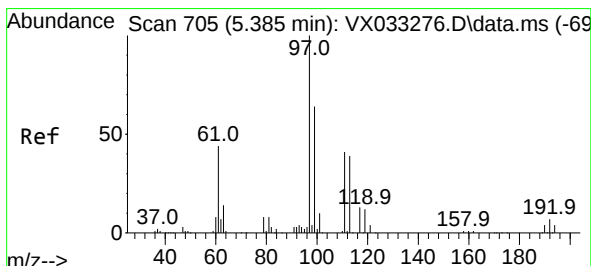
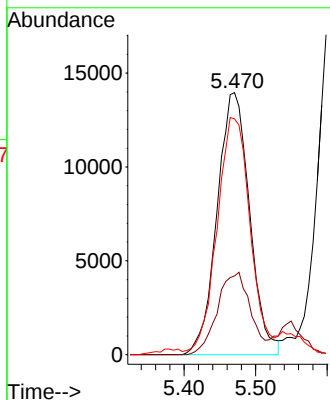
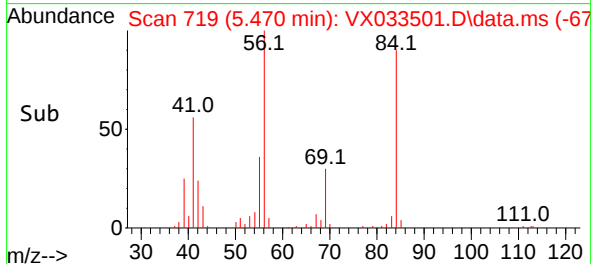
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



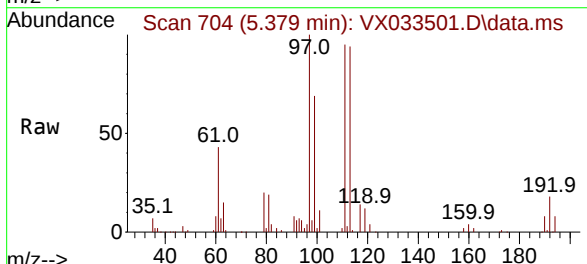
Tgt Ion: 56 Resp: 4405
Ion Ratio Lower Upper
56 100
69 30.1 24.1 36.1
84 87.9 66.9 100.3

Manual Integrations
APPROVED

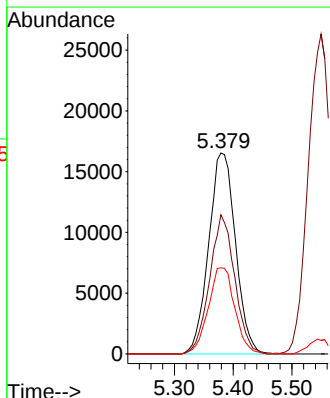
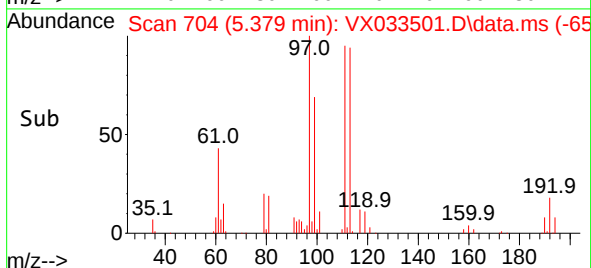
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

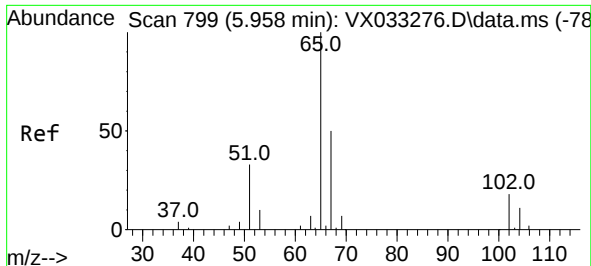


#32
1,1,1-Trichloroethane
Concen: 22.951 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



Tgt Ion: 97 Resp: 52471
Ion Ratio Lower Upper
97 100
99 64.6 51.4 77.0
61 42.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 46.181 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion: 65 Resp: 38909

Ion Ratio Lower Upper

65 100

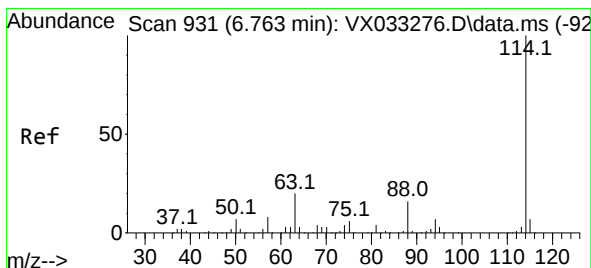
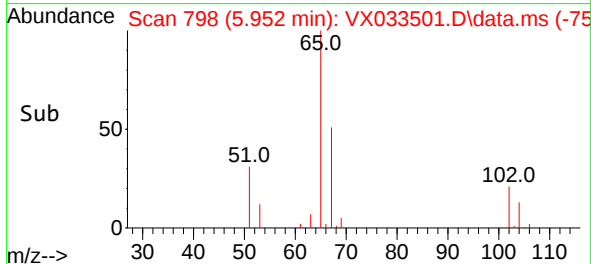
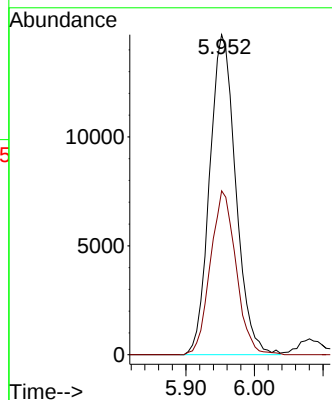
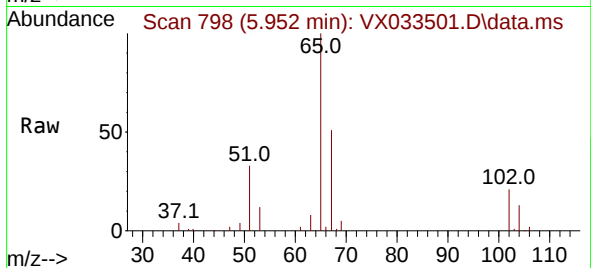
67 50.2 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

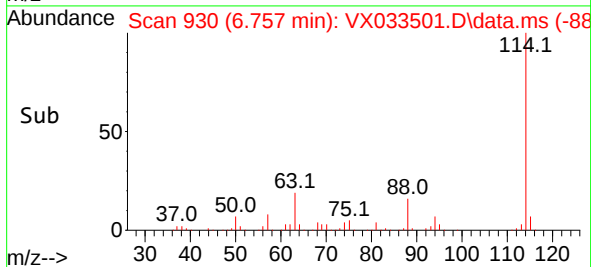
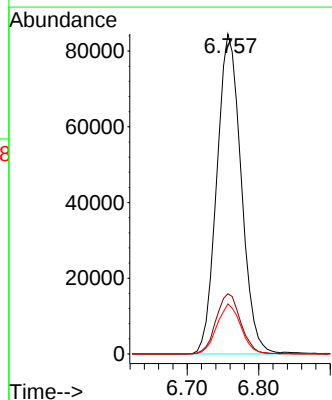
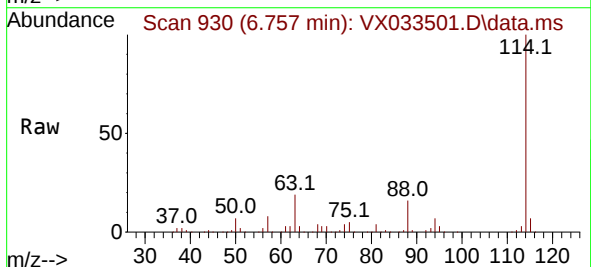
Tgt Ion:114 Resp: 199856

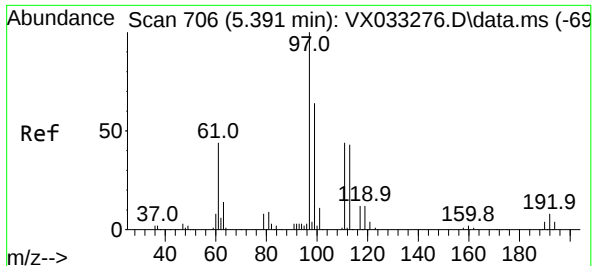
Ion Ratio Lower Upper

114 100

63 18.8 0.0 41.6

88 15.6 0.0 33.4





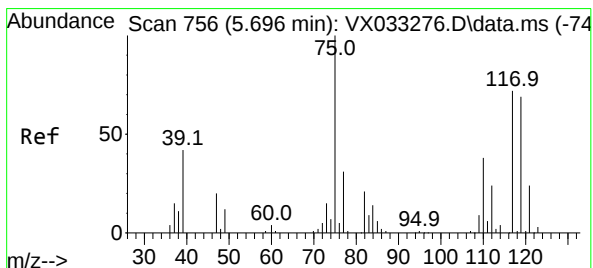
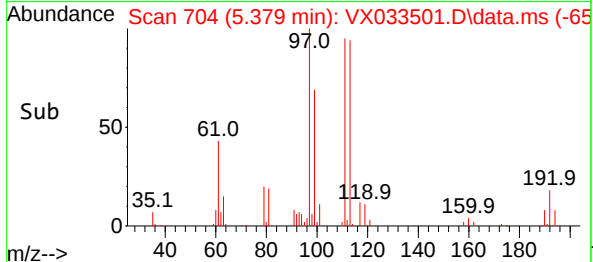
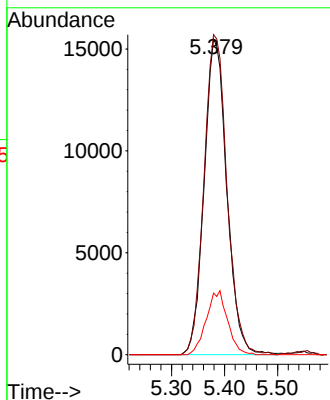
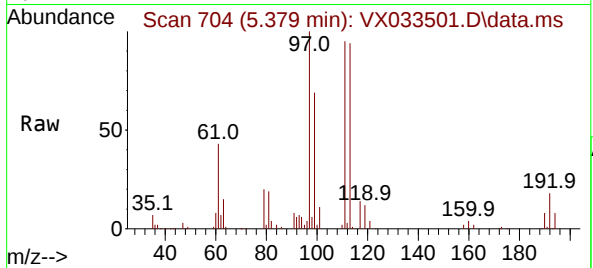
#35
Dibromofluoromethane
Concen: 51.057 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.012 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion:113 Resp: 45890
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.1 15.4 23.2

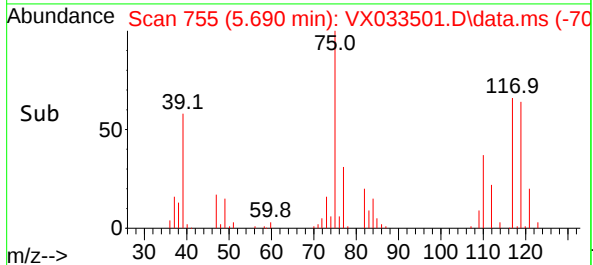
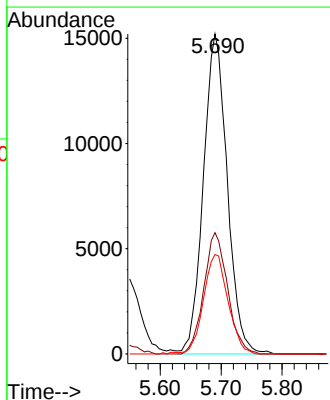
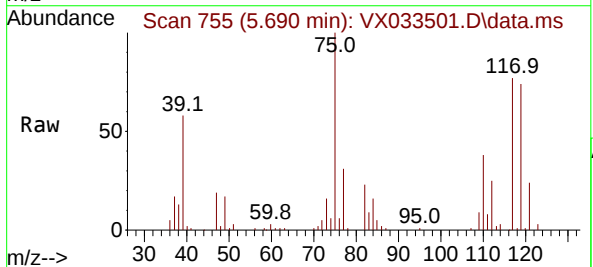
Manual Integrations
APPROVED

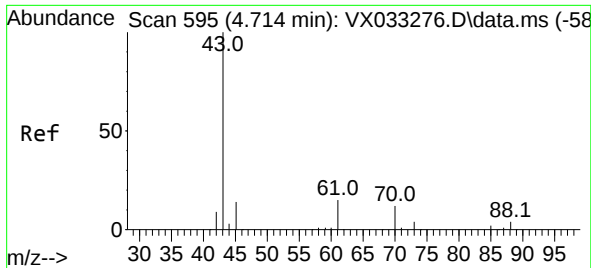
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#36
1,1-Dichloropropene
Concen: 23.629 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Tgt Ion: 75 Resp: 41411
Ion Ratio Lower Upper
75 100
110 37.7 18.4 55.2
77 32.0 24.5 36.7





#37

Ethyl Acetate

Concen: 21.065 ug/l

RT: 4.708 min Scan# 594

Delta R.T. -0.006 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

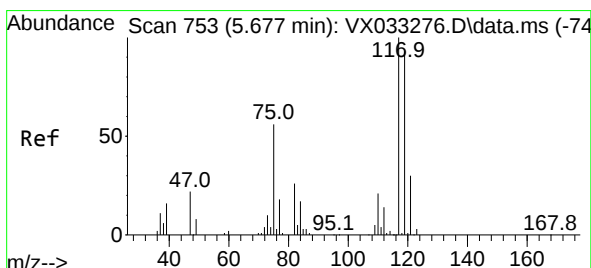
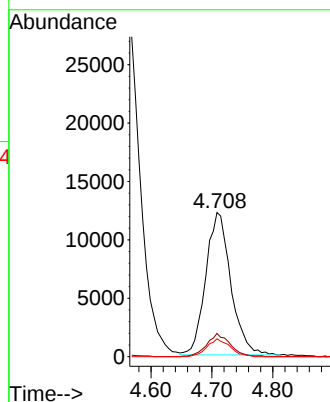
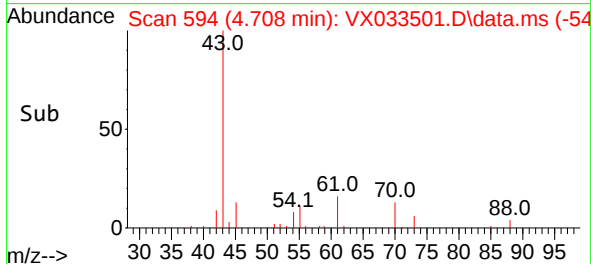
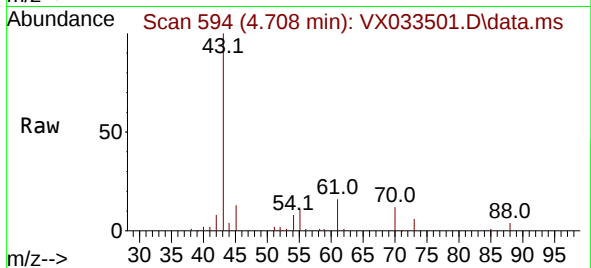
Tgt Ion:	43	Resp:	3489
Ion Ratio	Lower	Upper	
43	100		
61	15.2	11.5	17.3
70	11.4	9.1	13.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#38

Carbon Tetrachloride

Concen: 23.448 ug/l

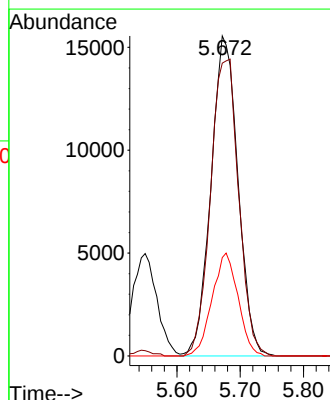
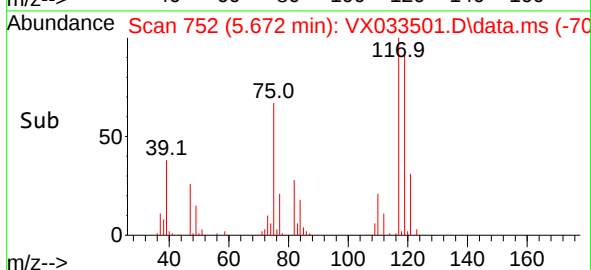
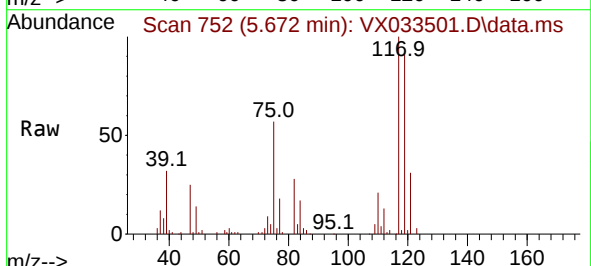
RT: 5.672 min Scan# 752

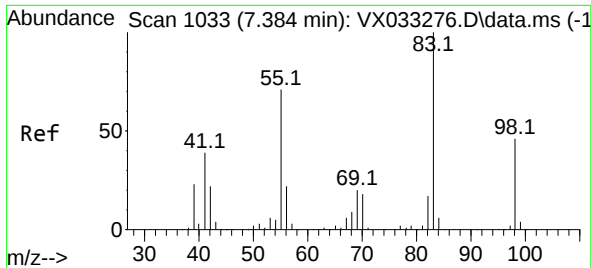
Delta R.T. -0.006 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Tgt Ion:	117	Resp:	46043
Ion Ratio	Lower	Upper	
117	100		
119	91.5	77.2	115.8
121	30.7	25.8	38.6





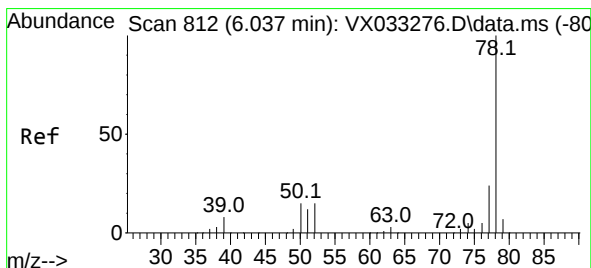
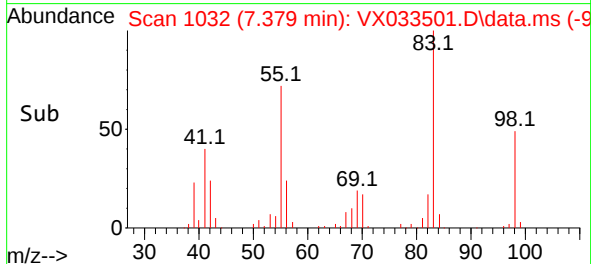
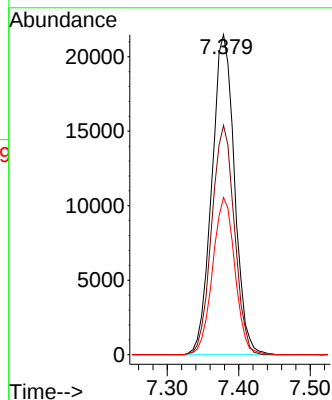
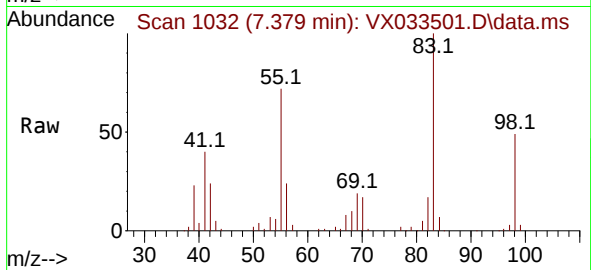
#39
Methylcyclohexane
Concen: 24.119 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion: 83 Resp: 4731
Ion Ratio Lower Upper
83 100
55 71.7 58.4 87.6
98 49.1 37.2 55.8

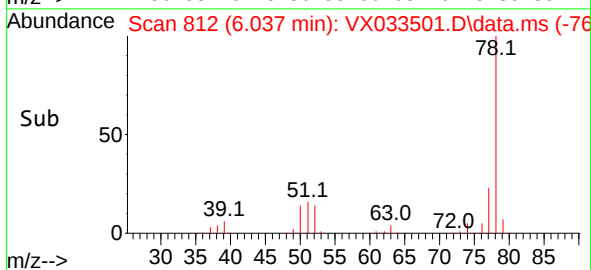
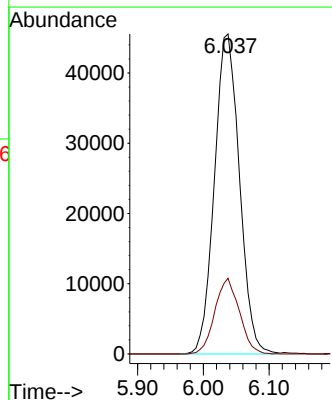
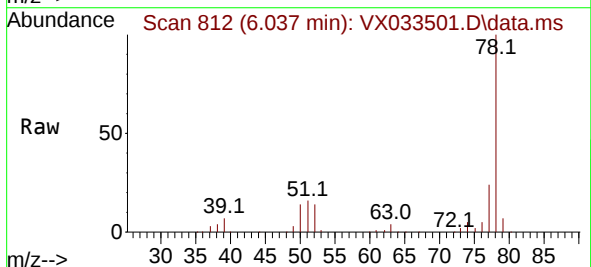
Manual Integrations
APPROVED

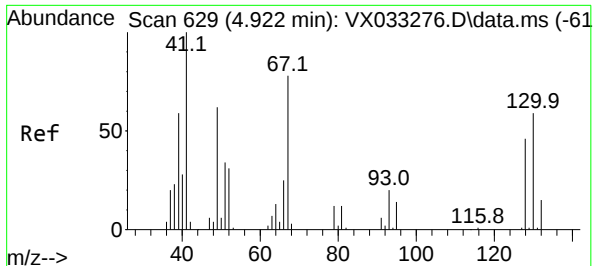
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#40
Benzene
Concen: 23.614 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Tgt Ion: 78 Resp: 120668
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4





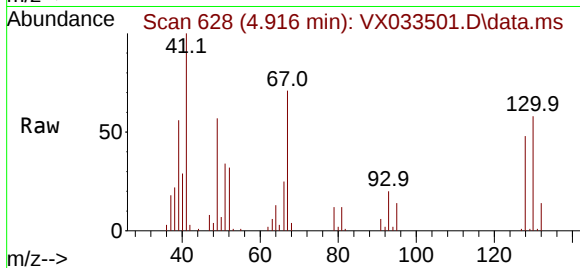
#41
Methacrylonitrile
Concen: 21.692 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01



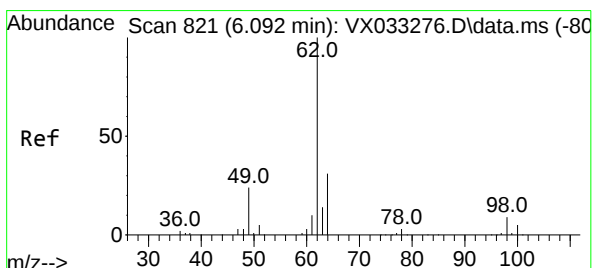
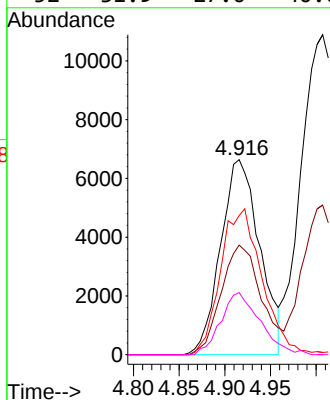
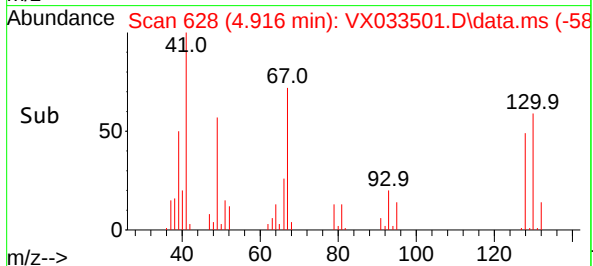
Tgt Ion: 41 Resp: 1980
Ion Ratio Lower Upper
41 100
39 58.1 47.5 71.3
67 79.5 60.5 90.7
52 31.9 27.0 40.6

Manual Integrations

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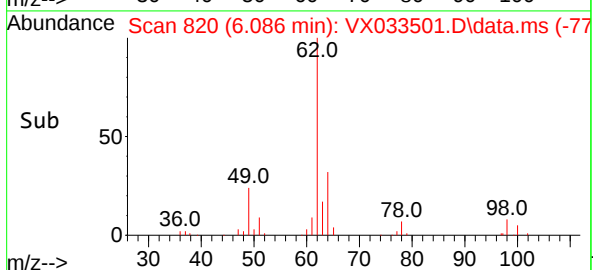
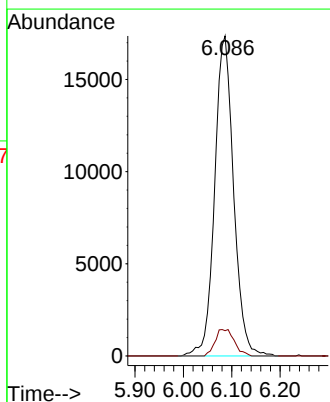
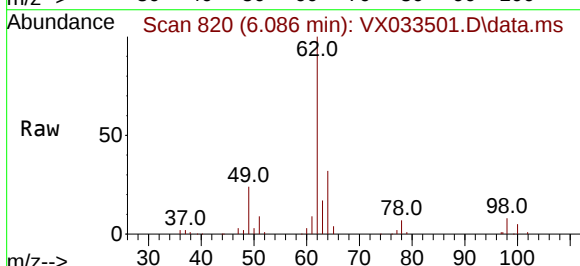
Reviewed By :John Carlone 12/21/2022

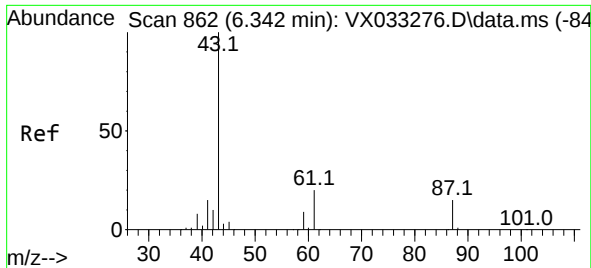
Supervised By :Mahesh Dadoda 12/21/2022



#42
1,2-Dichloroethane
Concen: 23.270 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

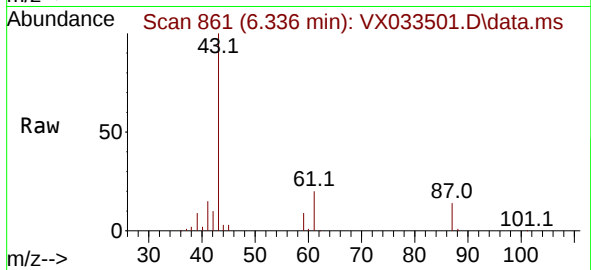
Tgt Ion: 62 Resp: 47218
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.0





#43
Isopropyl Acetate
Concen: 22.092 ug/l
RT: 6.336 min Scan# 80
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

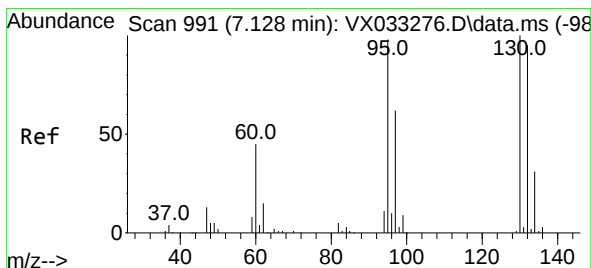
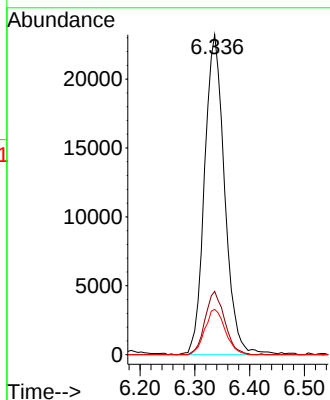
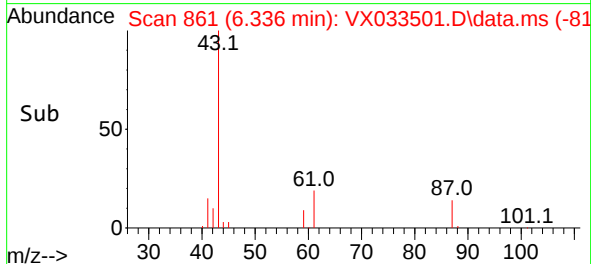
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



Tgt Ion: 43 Resp: 5888
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.0
87 14.4 10.8 16.2

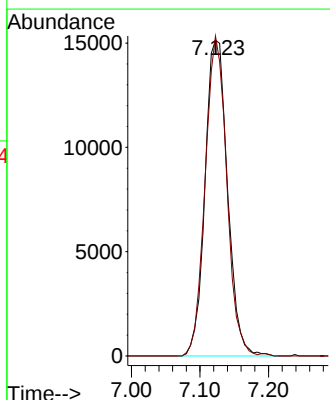
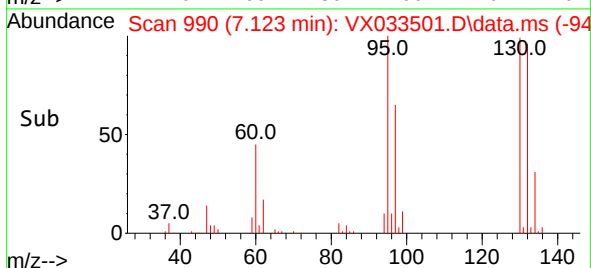
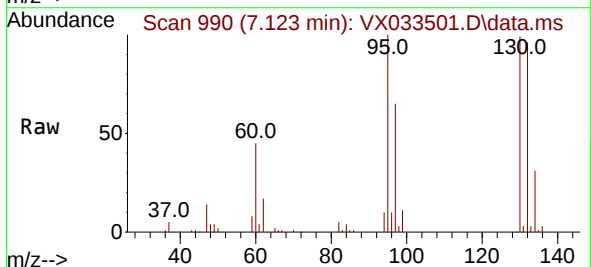
Manual Integrations
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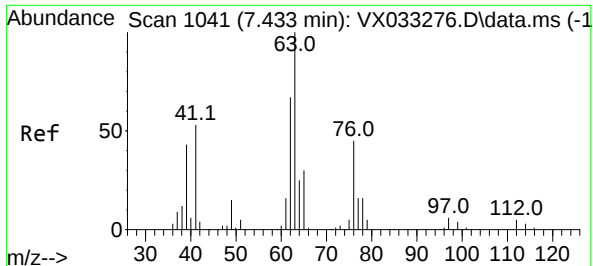
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#44
Trichloroethene
Concen: 24.537 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Tgt Ion:130 Resp: 34569
Ion Ratio Lower Upper
130 100
95 101.4 0.0 195.2





#45

1,2-Dichloropropane

Concen: 23.302 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. -0.006 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion: 63 Resp: 3045

Ion Ratio Lower Upper

63 100

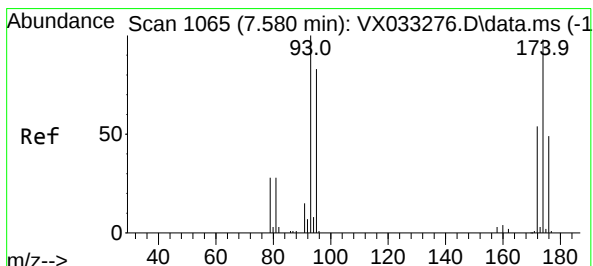
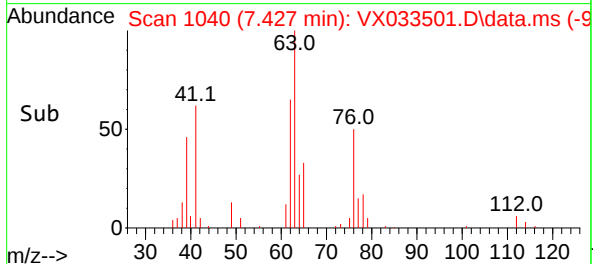
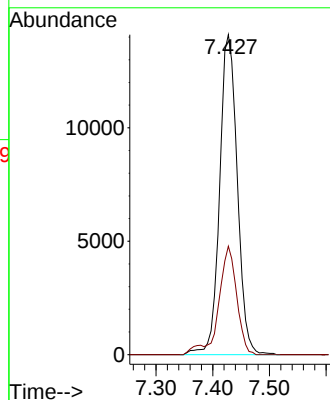
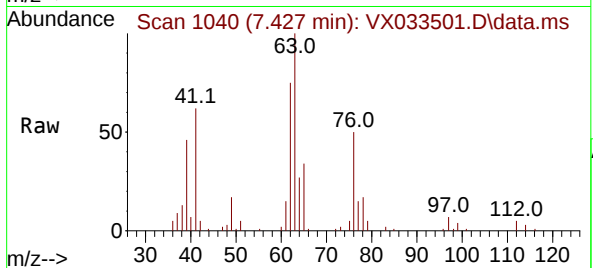
65 33.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#46

Dibromomethane

Concen: 23.187 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

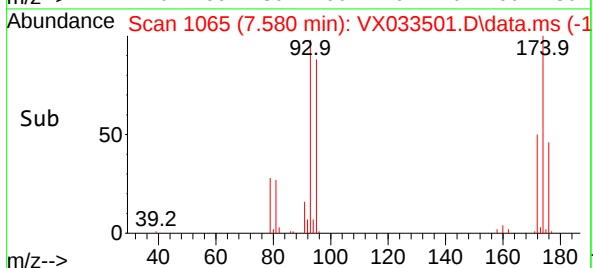
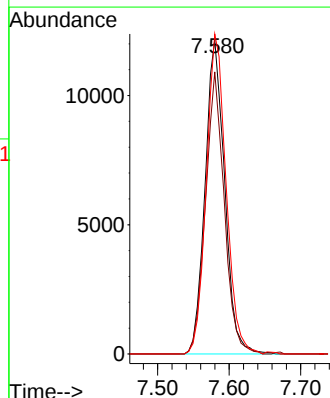
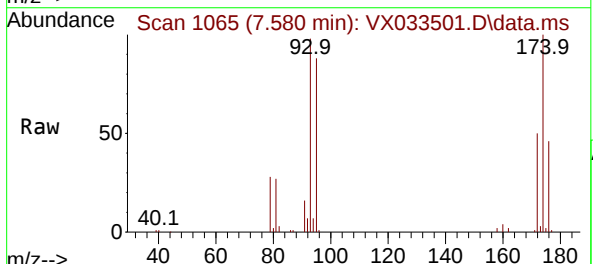
Tgt Ion: 93 Resp: 23083

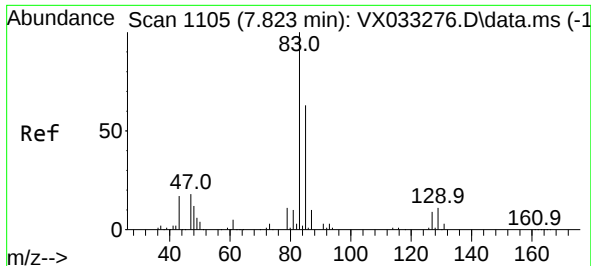
Ion Ratio Lower Upper

93 100

95 86.2 65.8 98.8

174 103.2 79.8 119.6





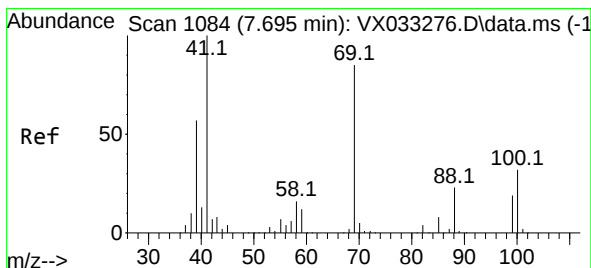
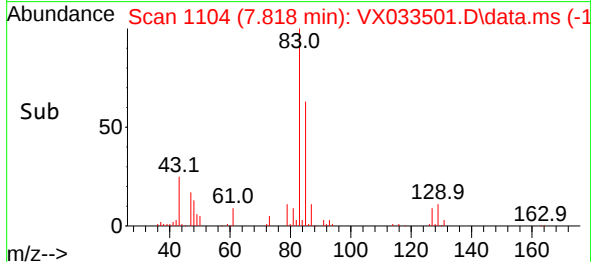
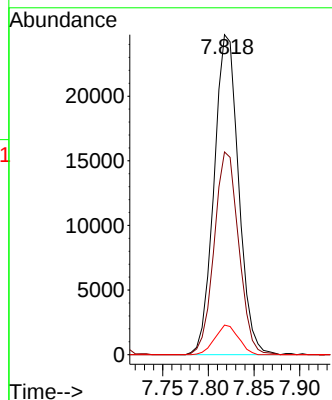
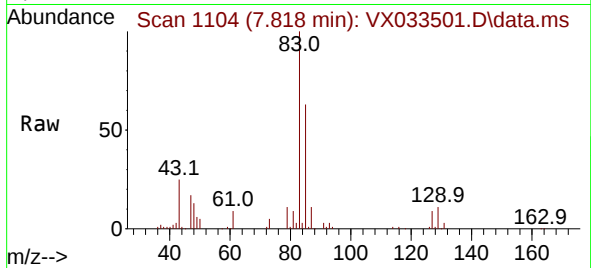
#47
Bromodichloromethane
Concen: 23.825 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion: 83 Resp: 46234
Ion Ratio Lower Upper
83 100
85 63.3 52.2 78.4
127 9.2 7.4 11.2

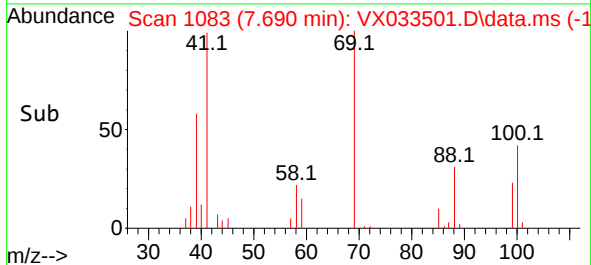
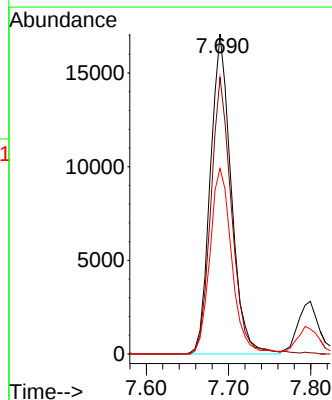
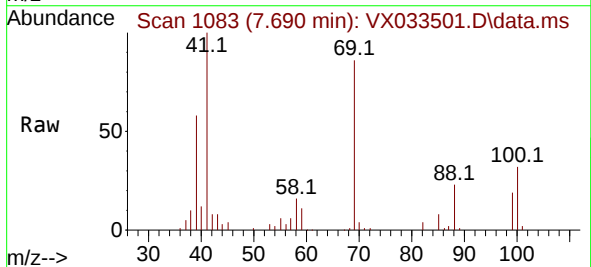
Manual Integrations
APPROVED

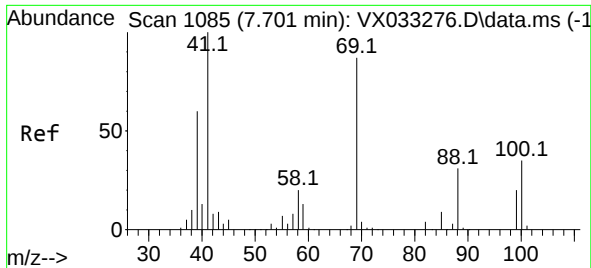
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#48
Methyl methacrylate
Concen: 21.937 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

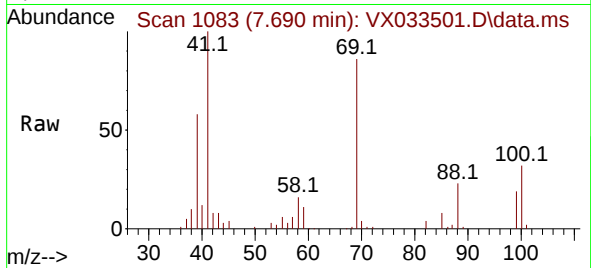
Tgt Ion: 41 Resp: 30180
Ion Ratio Lower Upper
41 100
69 86.1 65.1 97.7
39 60.5 51.9 77.9





#49
1,4-Dioxane
Concen: 408.784 ug/l
RT: 7.690 min Scan# 1085
Delta R.T. -0.012 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

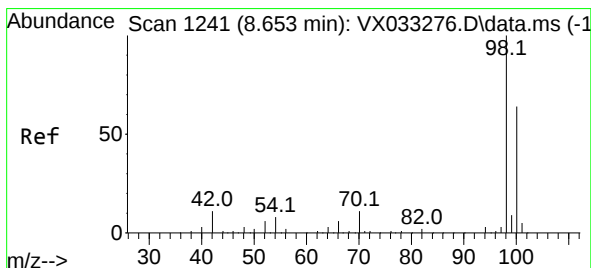
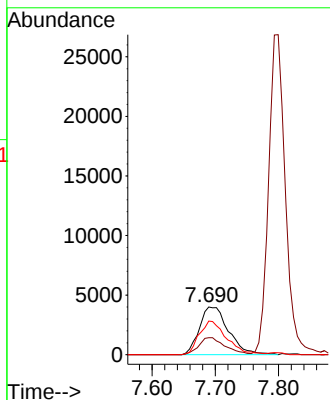
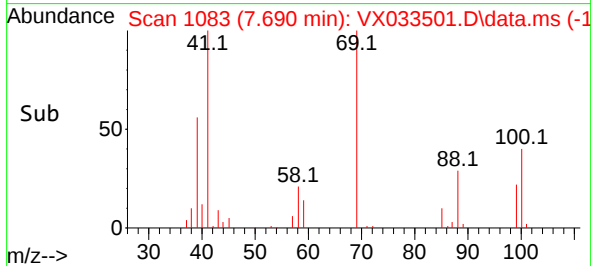
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



Tgt Ion: 88 Resp: 12824
Ion Ratio Lower Upper
88 100
43 32.4 26.6 39.8
58 66.4 51.7 77.5

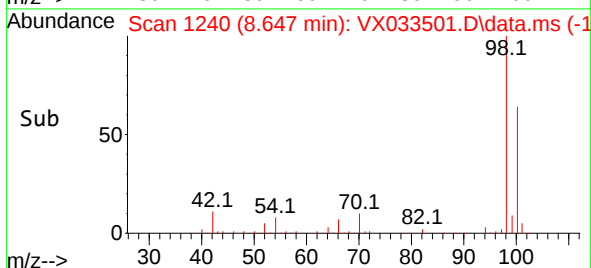
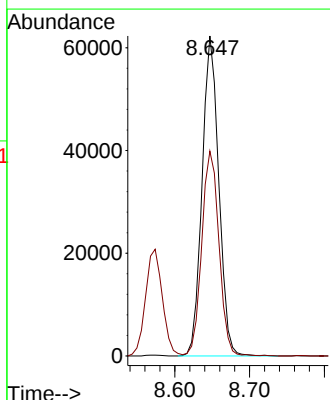
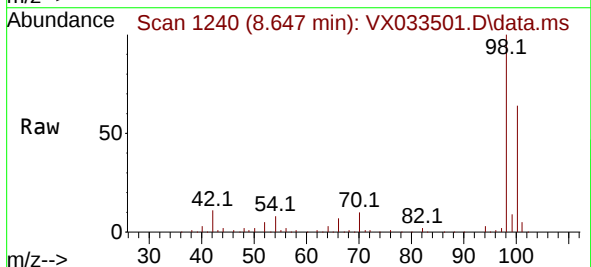
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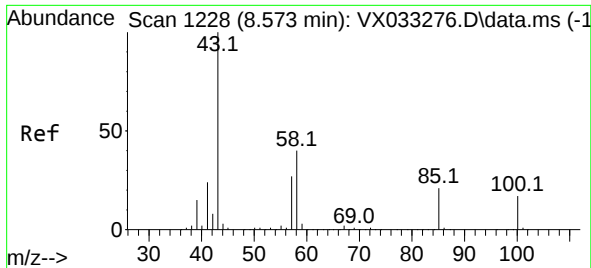
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#50
Toluene-d8
Concen: 51.319 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Tgt Ion: 98 Resp: 96505
Ion Ratio Lower Upper
98 100
100 66.1 50.9 76.3





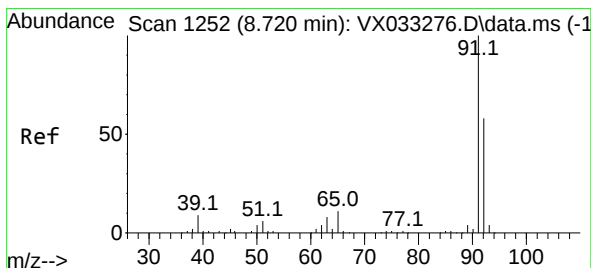
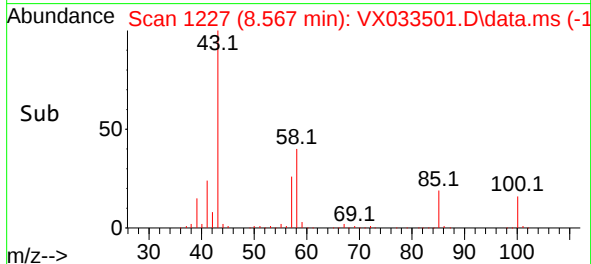
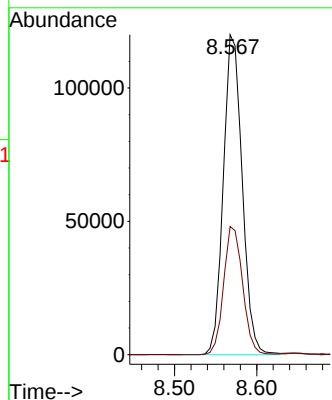
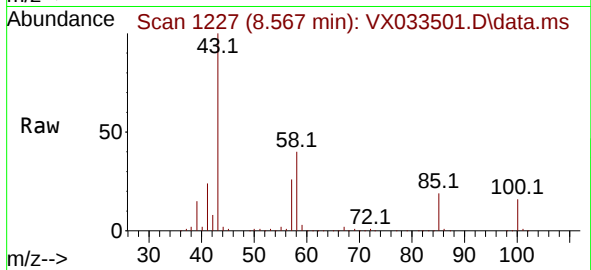
#51
4-Methyl-2-Pentanone
Concen: 113.493 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion: 43 Resp: 19131
Ion Ratio Lower Upper
43 100
58 40.3 30.9 46.3

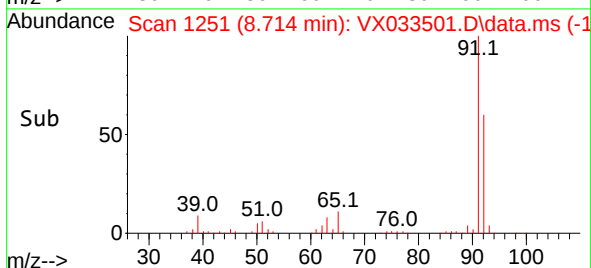
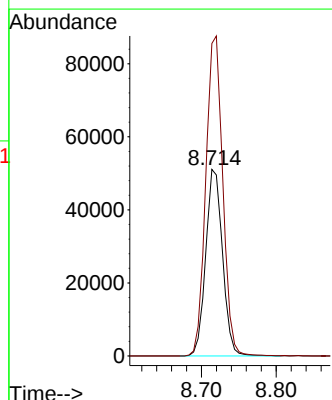
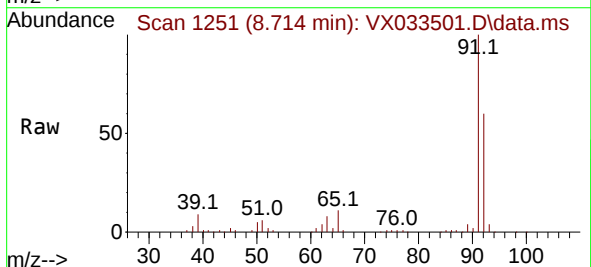
Manual Integrations
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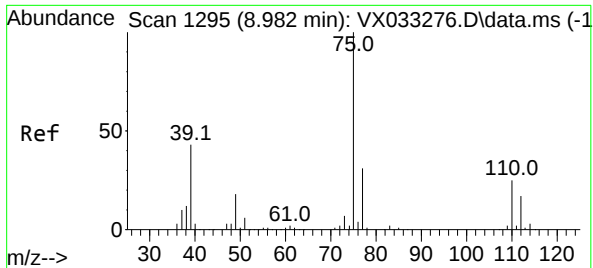
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#52
Toluene
Concen: 24.163 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Tgt Ion: 92 Resp: 79831
Ion Ratio Lower Upper
92 100
91 173.3 138.3 207.5





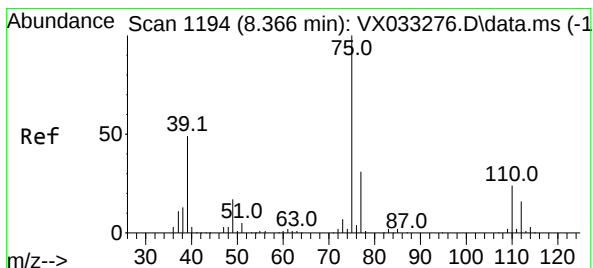
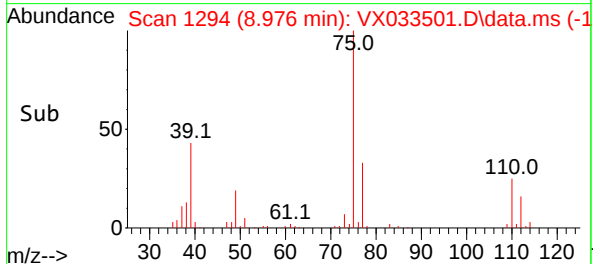
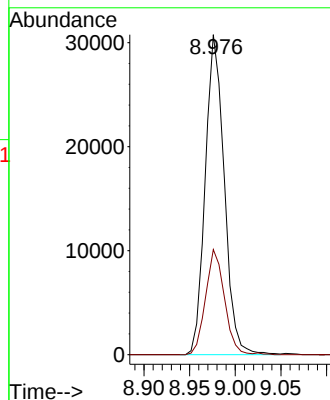
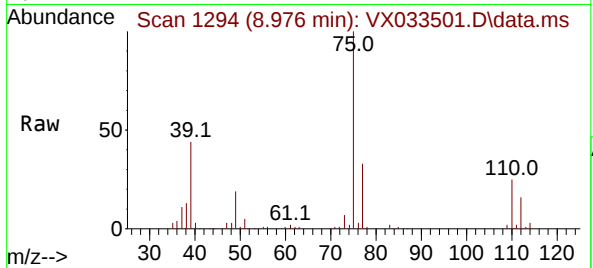
#53
 t-1,3-Dichloropropene
 Concen: 22.826 ug/l
 RT: 8.976 min Scan# 1194
 Delta R.T. -0.006 min
 Lab File: VX033501.D
 Acq: 20 Dec 2022 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01

Tgt Ion: 75 Resp: 4459
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.1 37.7

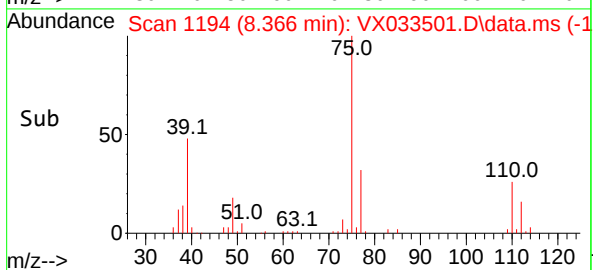
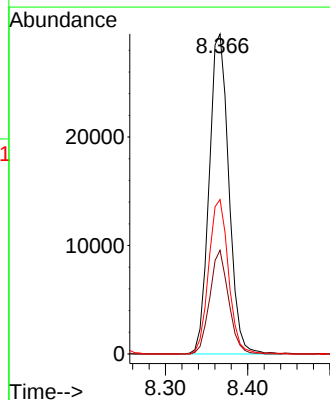
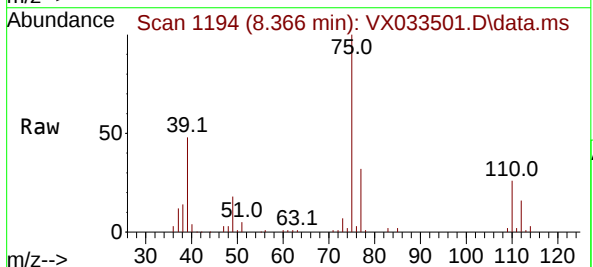
Manual Integrations
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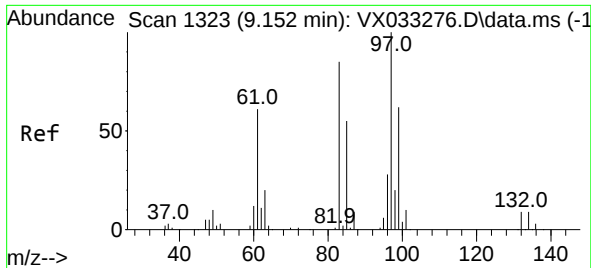
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#54
 cis-1,3-Dichloropropene
 Concen: 23.674 ug/l
 RT: 8.366 min Scan# 1194
 Delta R.T. 0.000 min
 Lab File: VX033501.D
 Acq: 20 Dec 2022 12:35

Tgt Ion: 75 Resp: 48887
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.1 37.7
 39 48.2 45.5 68.3





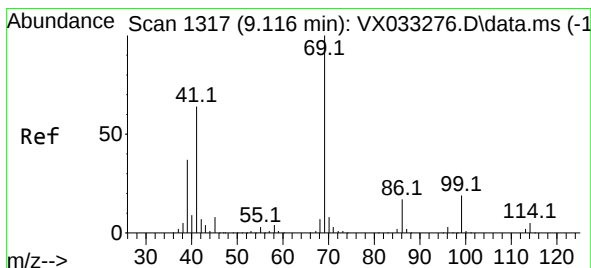
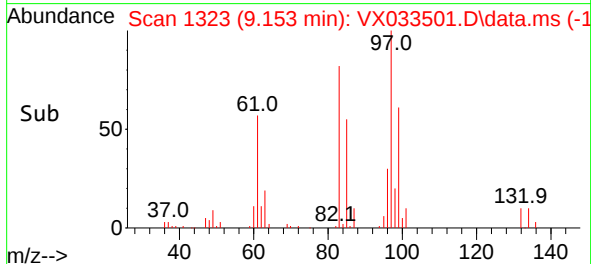
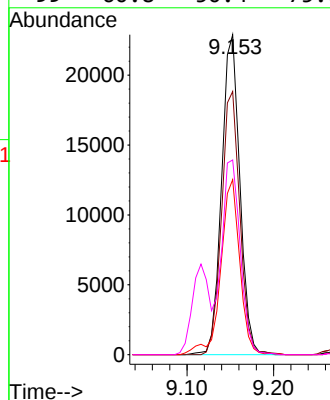
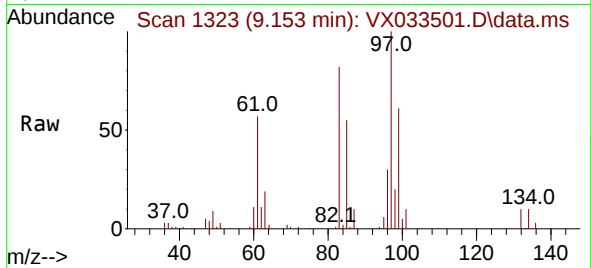
#55
1,1,2-Trichloroethane
Concen: 24.141 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.3	68.1	102.1
85	54.7	43.3	64.9
99	60.8	50.4	75.6

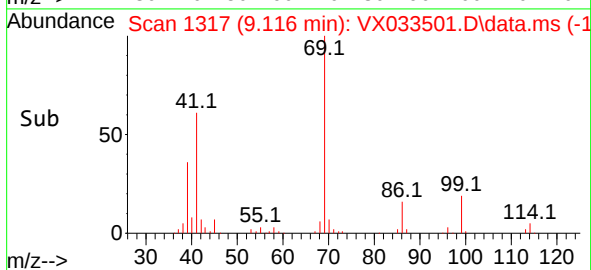
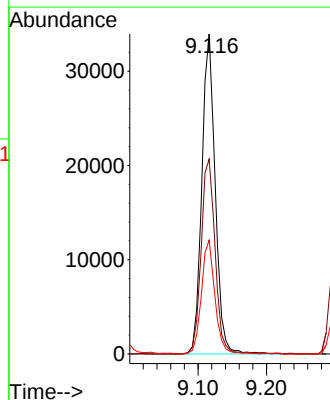
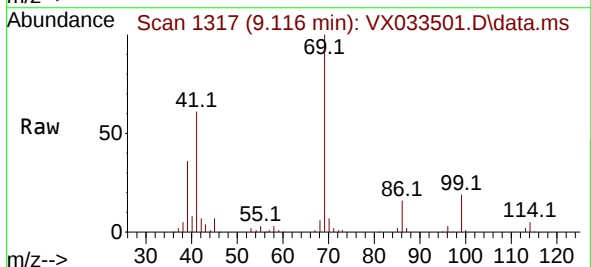
Manual Integrations
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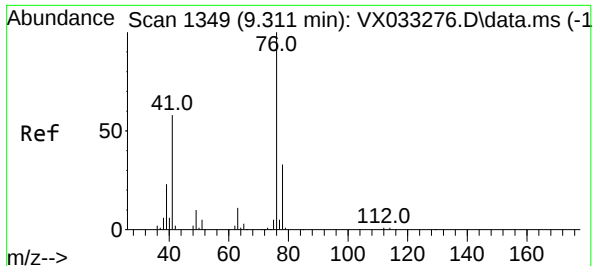
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#56
Ethyl methacrylate
Concen: 23.591 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.0	54.3	81.5
39	36.1	35.2	52.8





#57

1,3-Dichloropropane

Concen: 24.069 ug/l

RT: 9.305 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion: 76 Resp: 5369

Ion Ratio Lower Upper

76 100

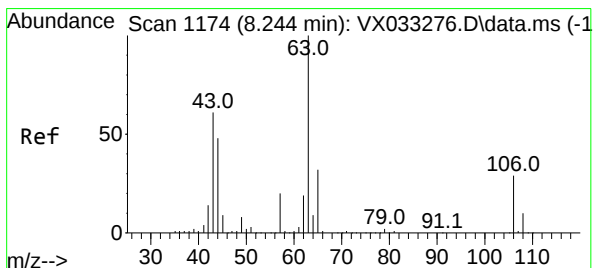
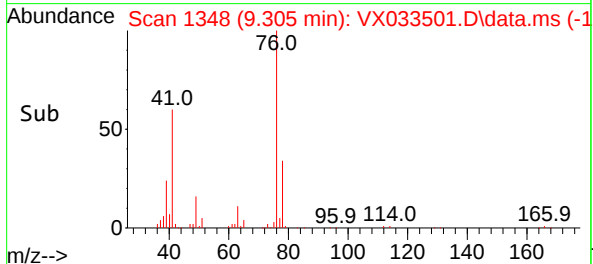
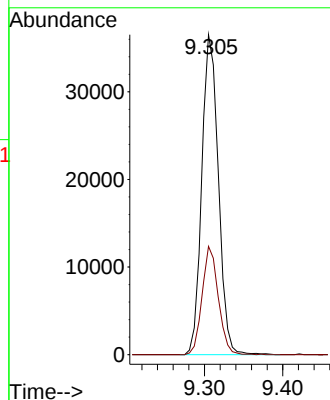
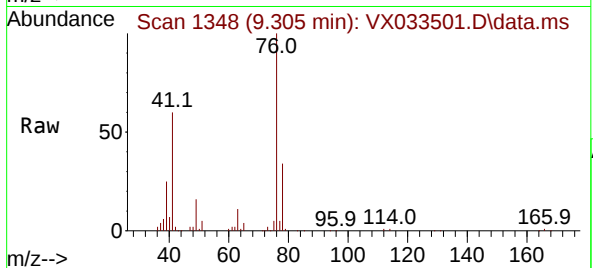
78 33.0 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#58

2-Chloroethyl Vinyl ether

Concen: 106.458 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VX033501.D

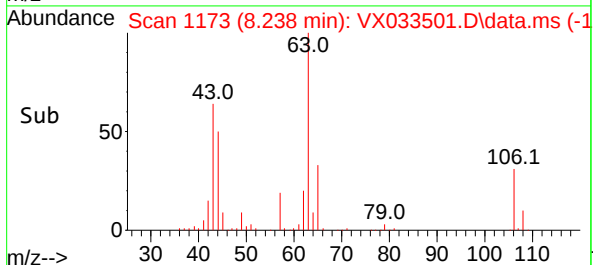
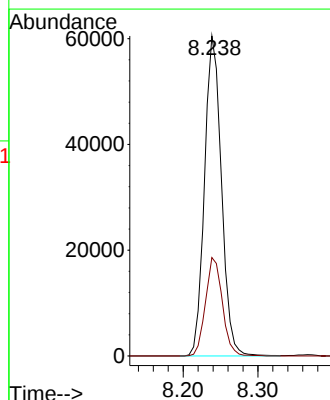
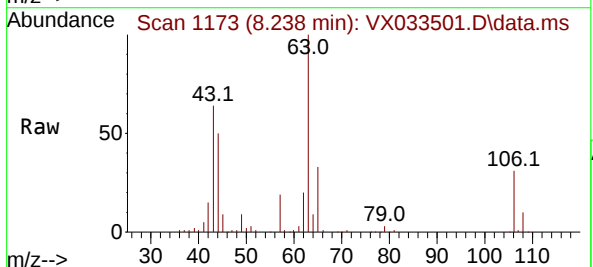
Acq: 20 Dec 2022 12:35

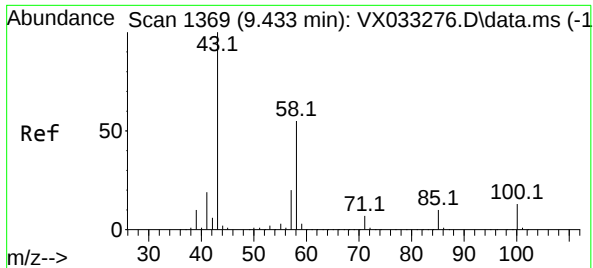
Tgt Ion: 63 Resp: 95249

Ion Ratio Lower Upper

63 100

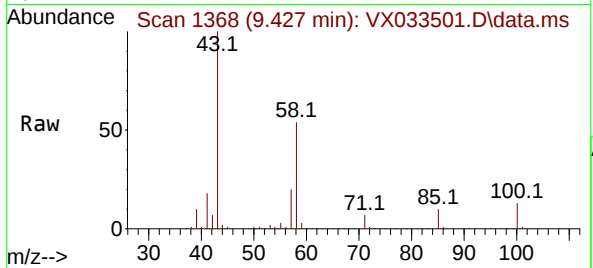
106 30.6 23.3 34.9





#59
2-Hexanone
Concen: 118.551 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

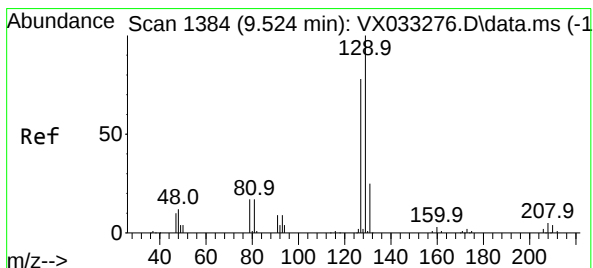
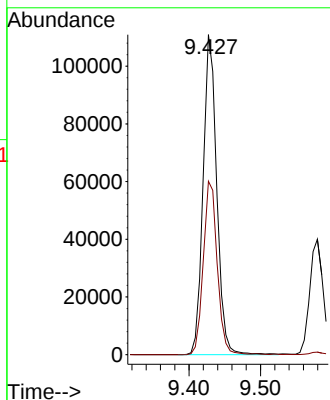
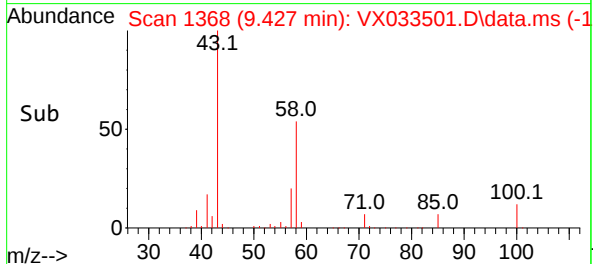
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



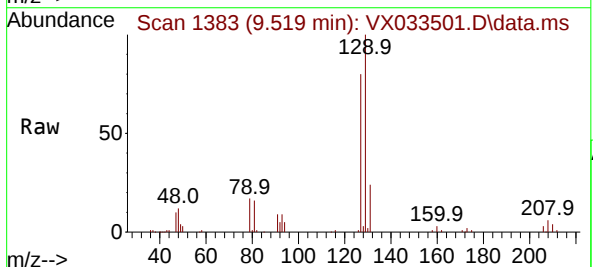
Tgt Ion: 43 Resp: 147269
Ion Ratio Lower Upper
43 100
58 55.3 26.5 79.5

Manual Integrations
APPROVED

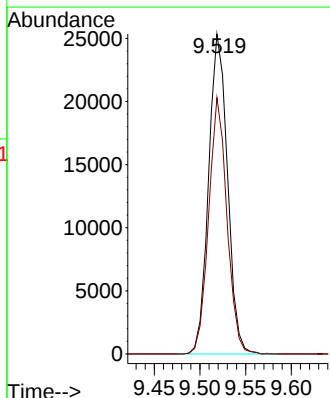
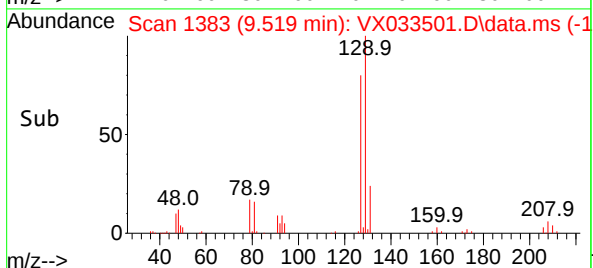
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

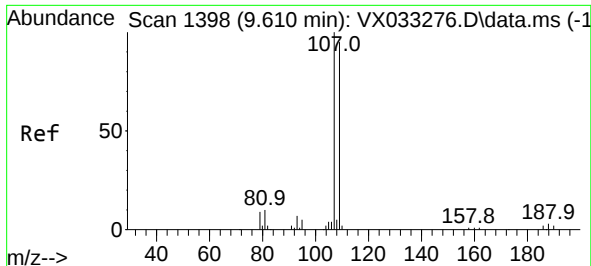


#60
Dibromochloromethane
Concen: 23.737 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



Tgt Ion:129 Resp: 36321
Ion Ratio Lower Upper
129 100
127 77.5 38.6 115.8





#61

1,2-Dibromoethane

Concen: 23.713 ug/l

RT: 9.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion:107 Resp: 35030

Ion Ratio Lower Upper

107 100

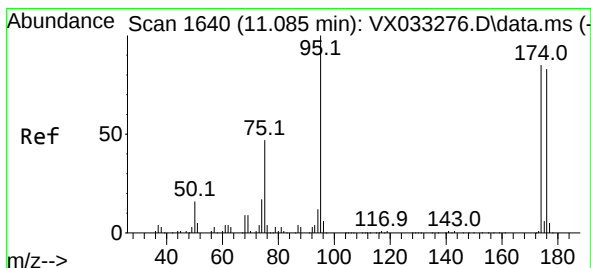
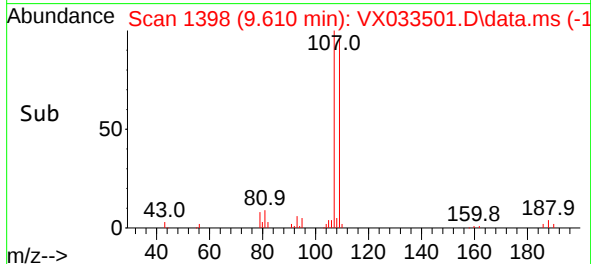
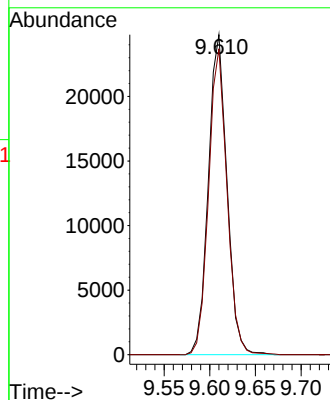
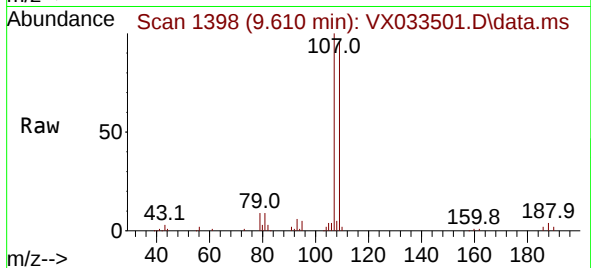
109 94.5 76.0 114.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#62

4-Bromofluorobenzene

Concen: 56.668 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

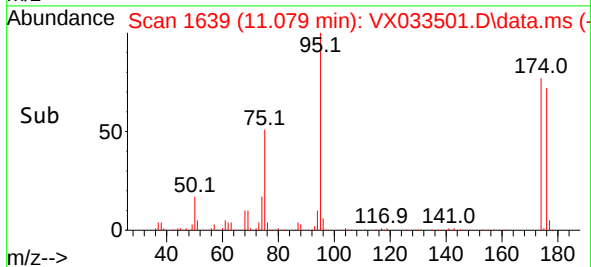
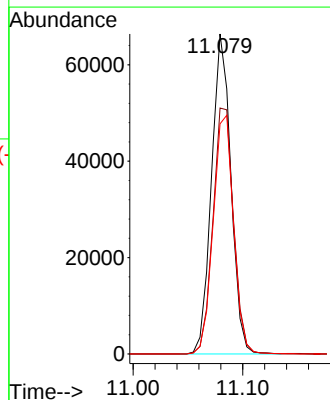
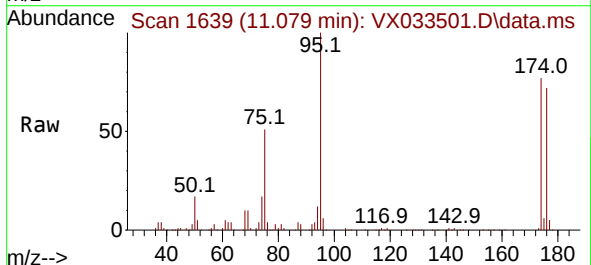
Tgt Ion: 95 Resp: 81480

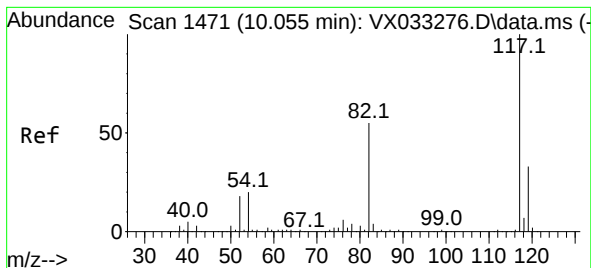
Ion Ratio Lower Upper

95 100

174 82.0 0.0 164.0

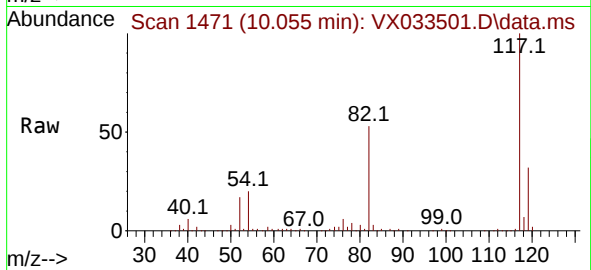
176 78.7 0.0 154.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

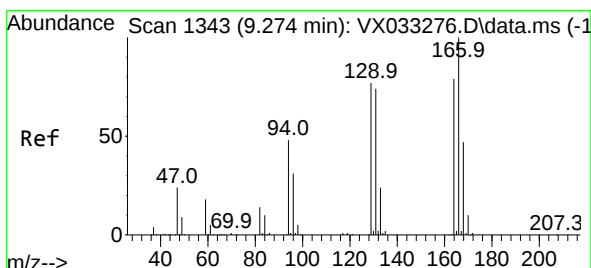
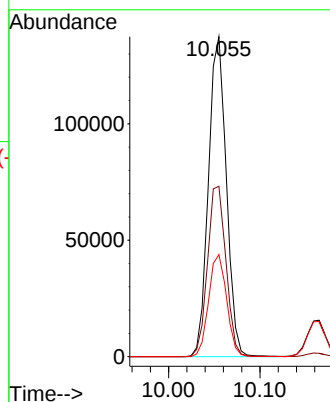
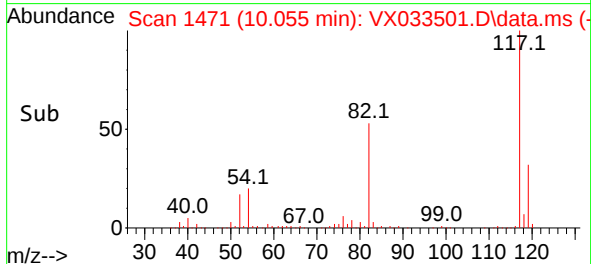
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



Tgt Ion:117 Resp: 186504
Ion Ratio Lower Upper
117 100
82 53.3 44.3 66.5
119 31.9 25.7 38.5

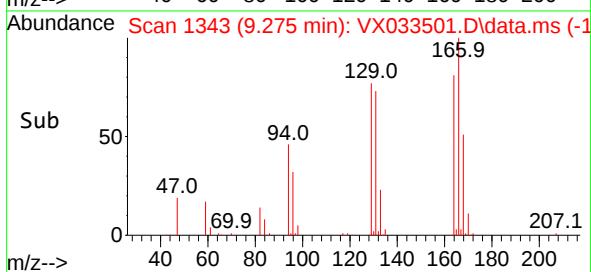
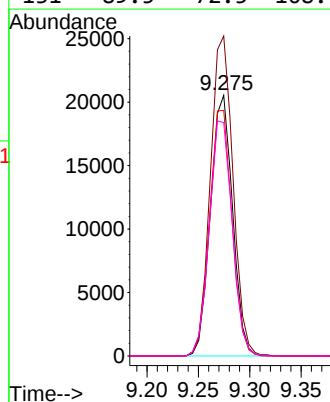
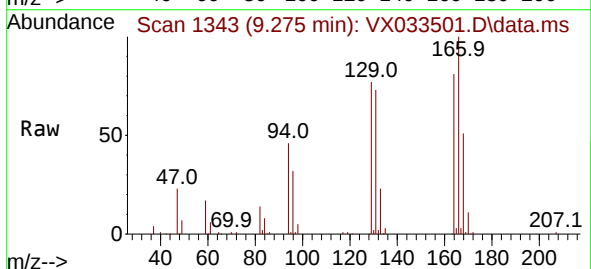
Manual Integrations
APPROVED

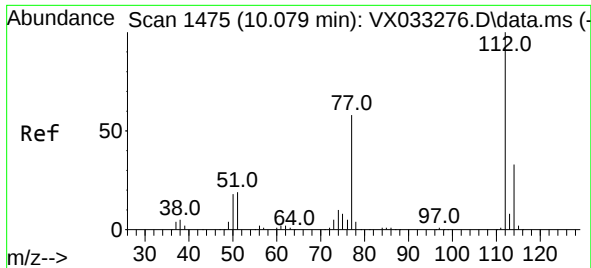
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#64
Tetrachloroethene
Concen: 24.067 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Tgt Ion:164 Resp: 30693
Ion Ratio Lower Upper
164 100
166 122.7 105.4 158.2
129 94.2 78.2 117.2
131 89.5 72.5 108.7





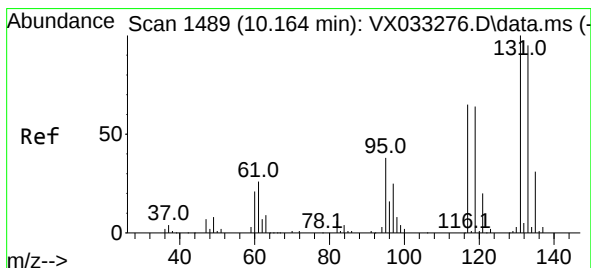
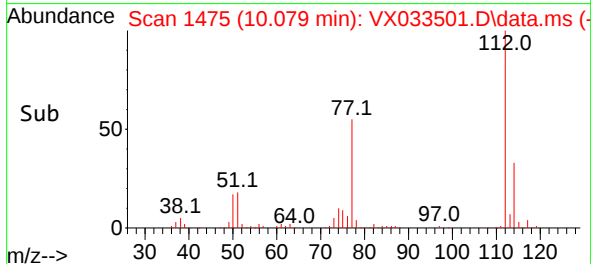
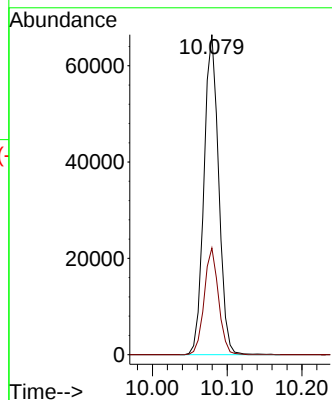
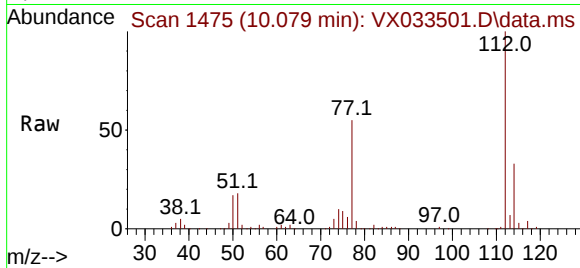
#65
Chlorobenzene
Concen: 24.047 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion:112 Resp: 90819
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.2

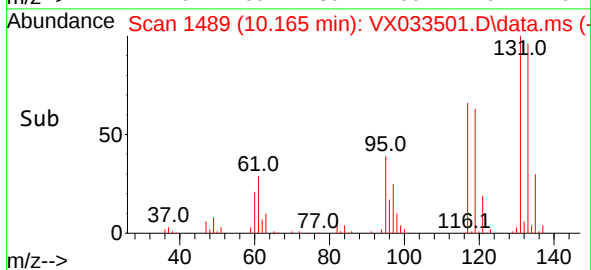
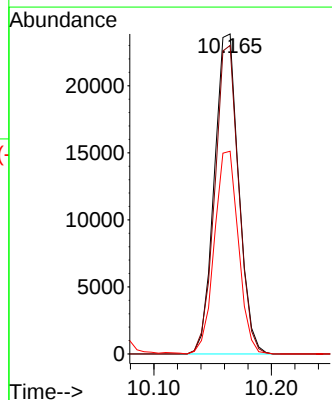
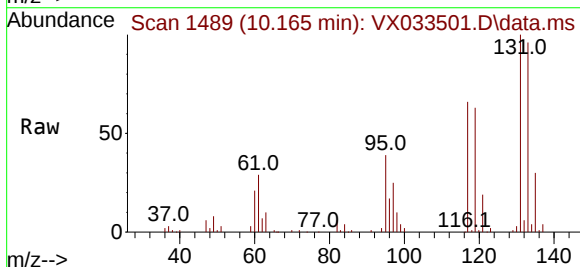
Manual Integrations
APPROVED

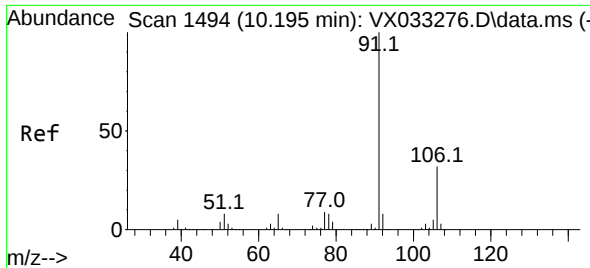
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 24.035 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

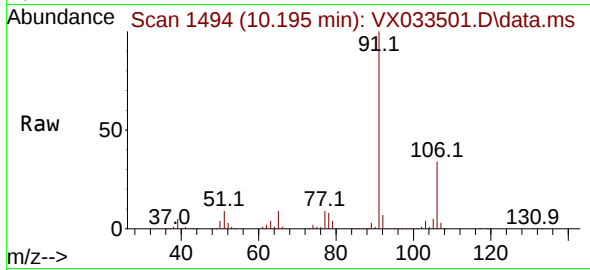
Tgt Ion:131 Resp: 34304
Ion Ratio Lower Upper
131 100
133 94.8 47.6 142.9
119 62.6 32.4 97.0





#67
Ethyl Benzene
Concen: 24.040 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

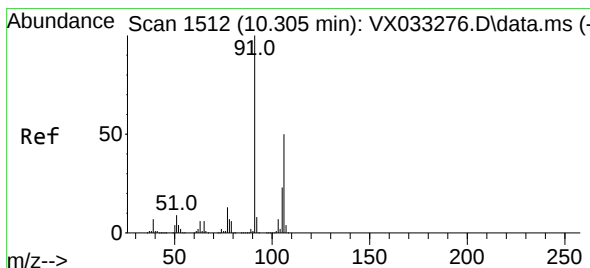
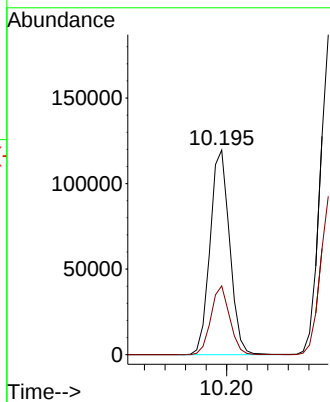
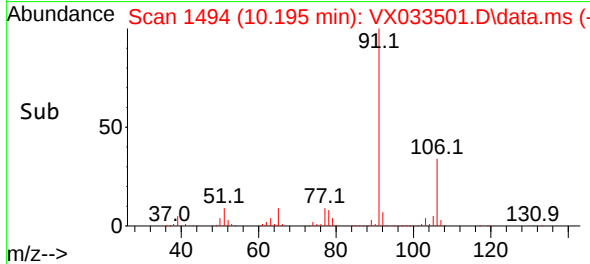
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



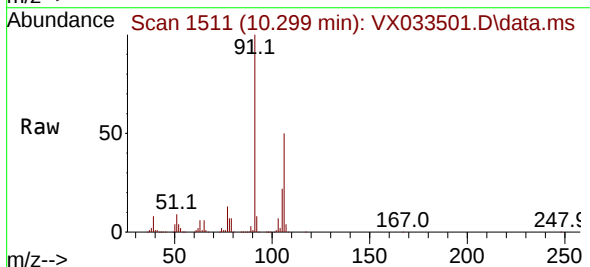
Tgt Ion: 91 Resp: 15817
Ion Ratio Lower Upper
91 100
106 33.6 25.0 37.6

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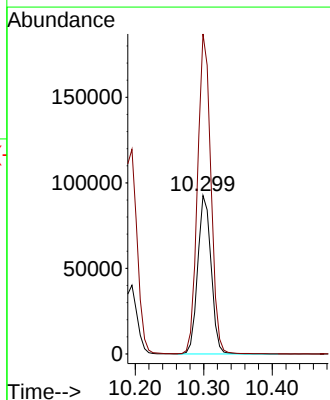
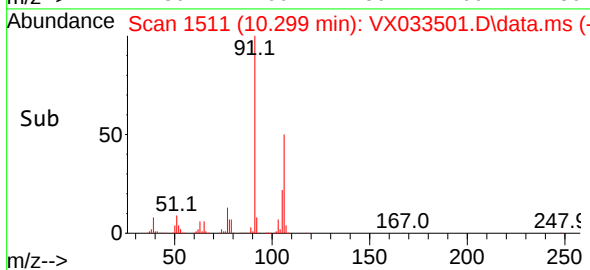
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

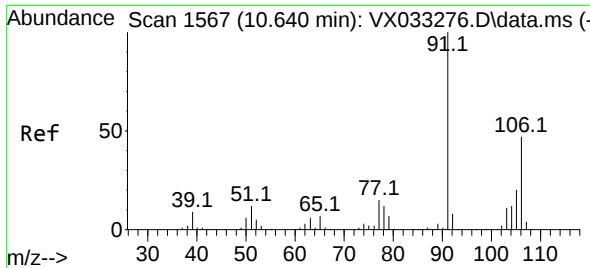


#68
m/p-Xylenes
Concen: 49.243 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



Tgt Ion:106 Resp: 126058
Ion Ratio Lower Upper
106 100
91 201.6 164.5 246.7





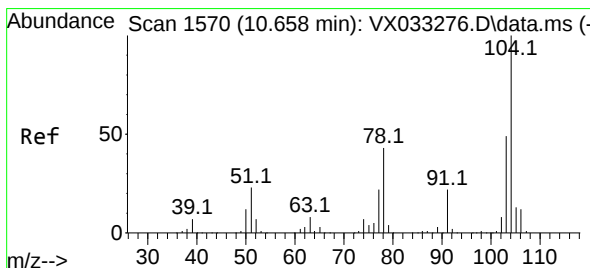
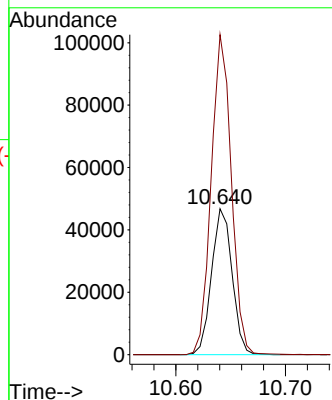
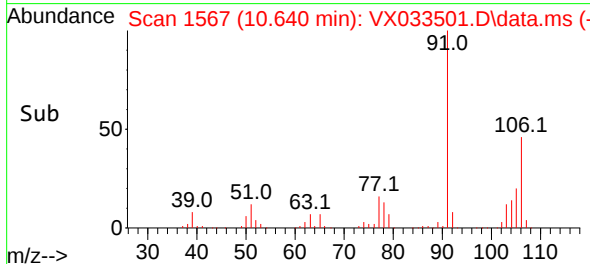
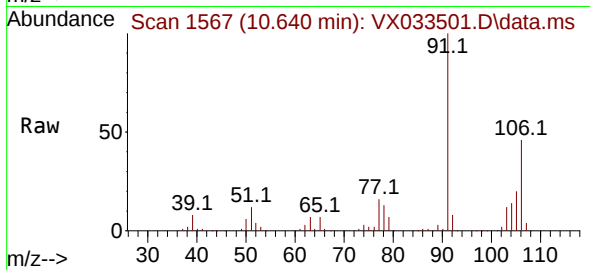
#69
o-Xylene
Concen: 24.073 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion:106 Resp: 60912
Ion Ratio Lower Upper
106 100
91 215.2 109.2 327.6

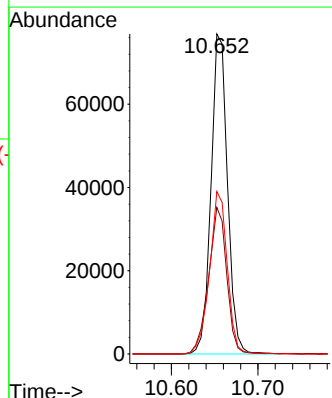
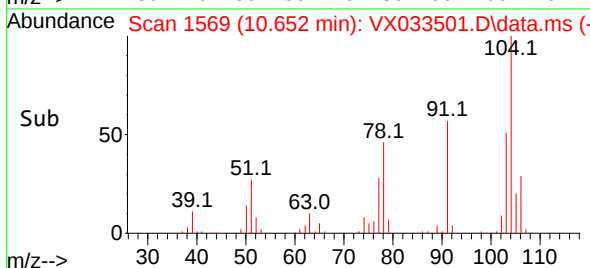
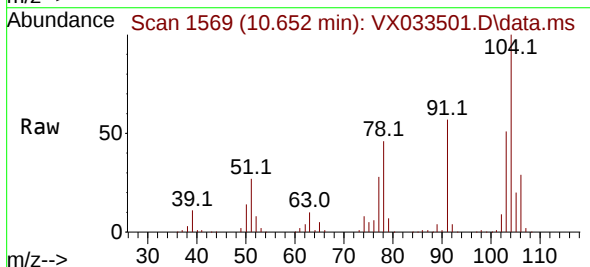
Manual Integrations
APPROVED

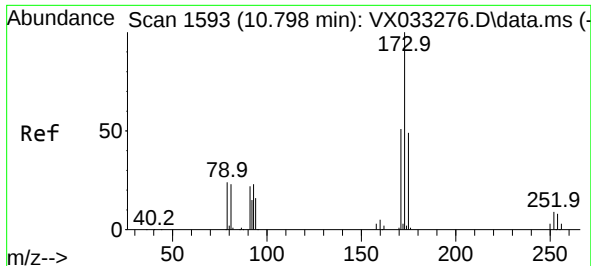
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#70
Styrene
Concen: 24.527 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

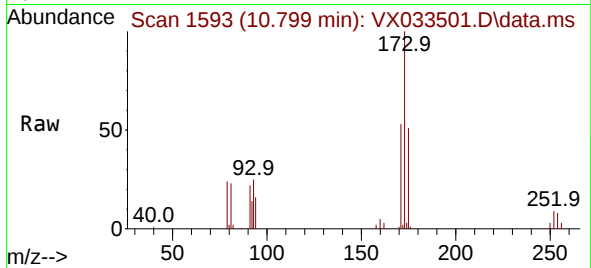
Tgt Ion:104 Resp: 101641
Ion Ratio Lower Upper
104 100
78 50.3 41.8 62.8
103 54.6 44.5 66.7





#71
Bromoform
Concen: 22.479 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

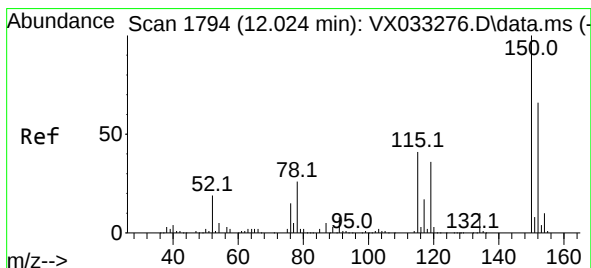
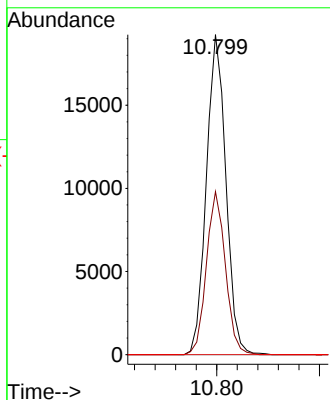
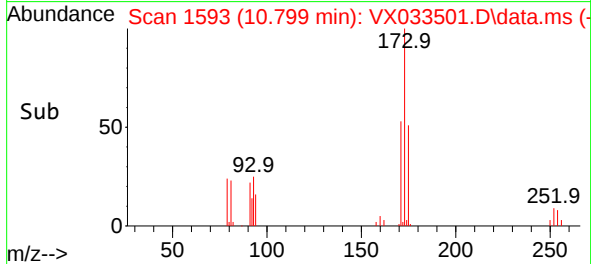
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



Tgt Ion:173 Resp: 2539
Ion Ratio Lower Upper
173 100
175 49.7 23.9 71.8
254 0.0 0.0 0.0

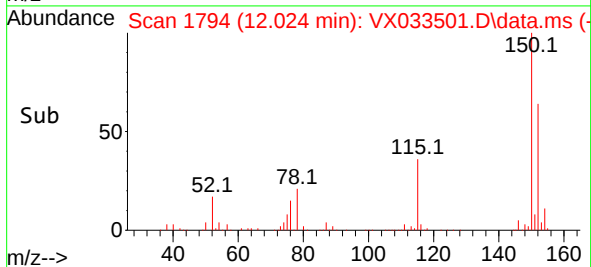
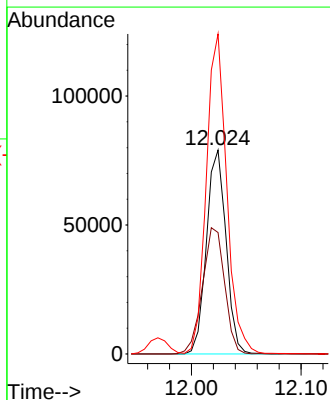
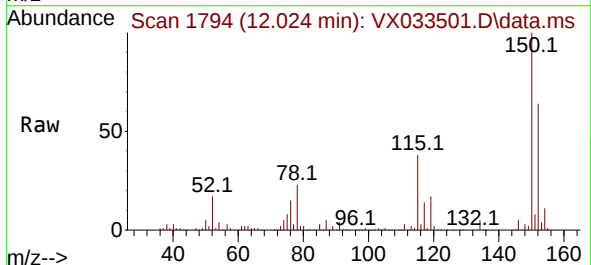
Manual Integrations
APPROVED

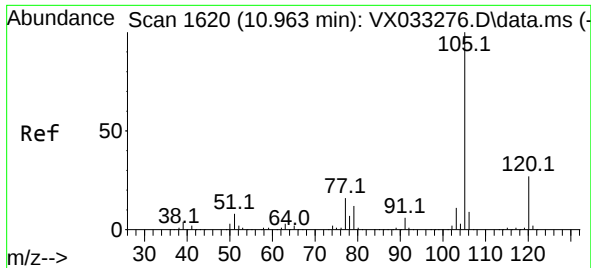
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

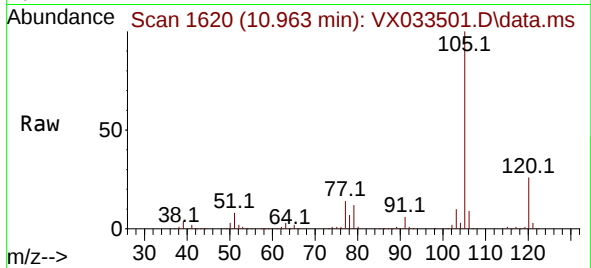
Tgt Ion:152 Resp: 98082
Ion Ratio Lower Upper
152 100
115 70.0 44.0 132.0
150 163.9 0.0 351.8





#73
Isopropylbenzene
Concen: 23.122 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

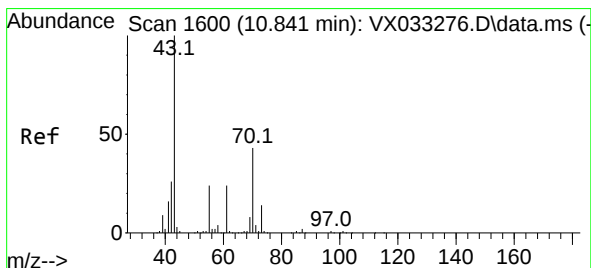
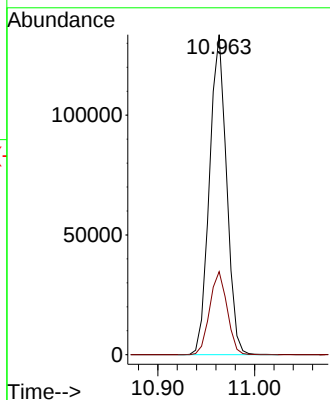
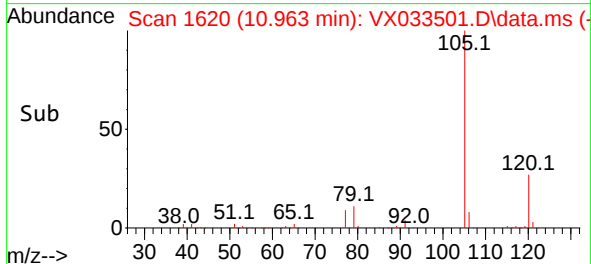
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



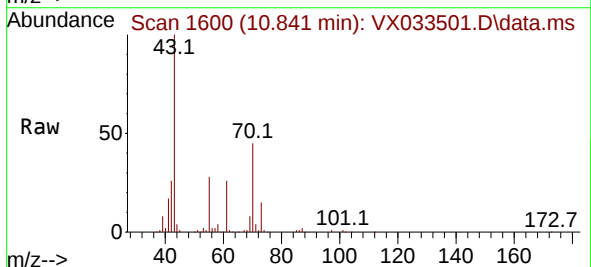
Tgt Ion:105 Resp: 164375
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3

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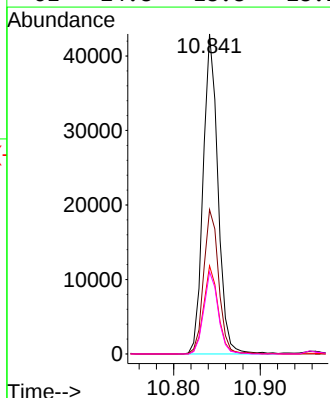
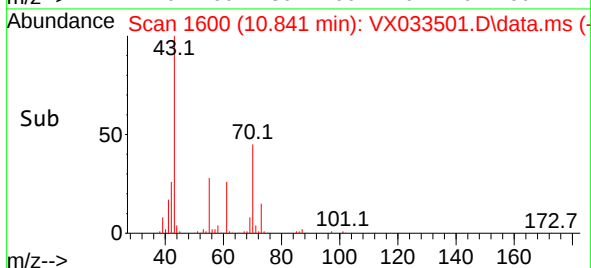
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

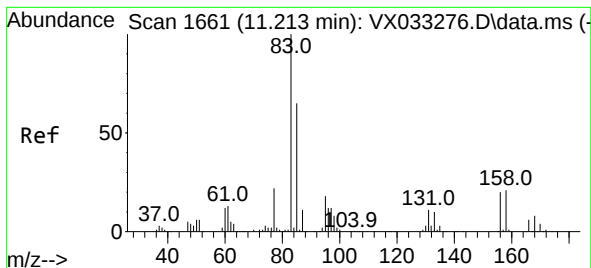


#74
N-ethyl acetate
Concen: 21.077 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



Tgt Ion: 43 Resp: 51121
Ion Ratio Lower Upper
43 100
70 45.5 33.6 50.4
55 27.1 19.4 29.2
61 24.8 18.8 28.2





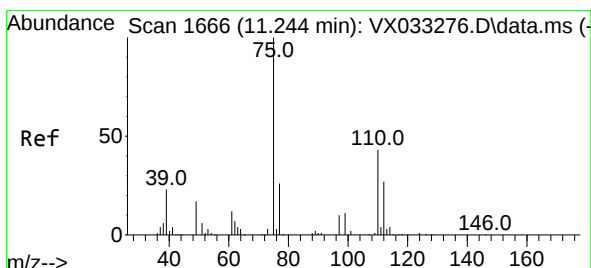
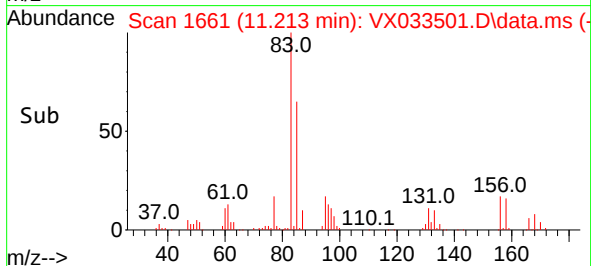
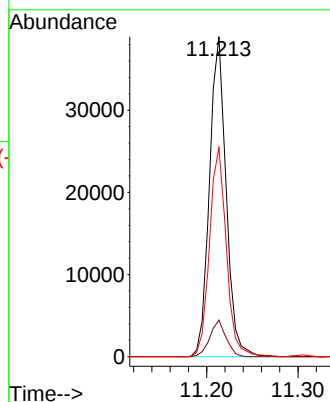
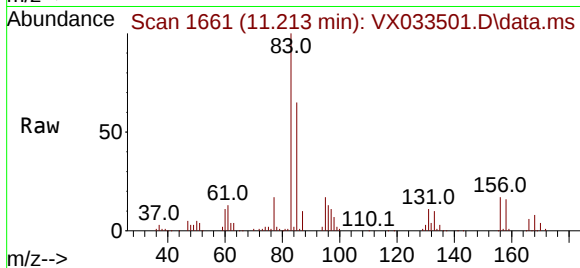
#75
1,1,2,2-Tetrachloroethane
Concen: 21.824 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion: 83 Resp: 49219
Ion Ratio Lower Upper
83 100
131 11.1 5.4 16.2
85 66.1 31.9 95.9

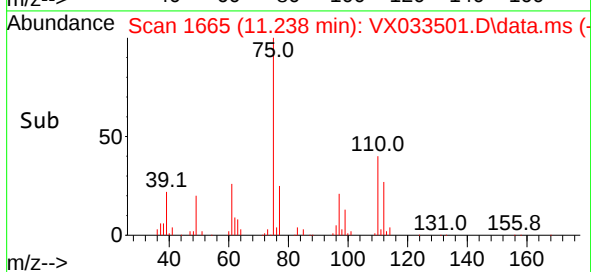
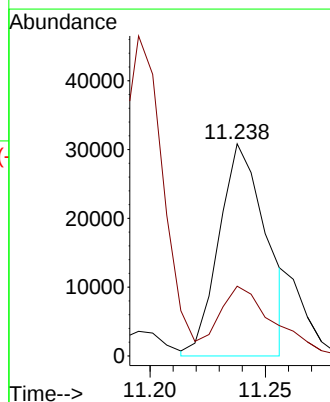
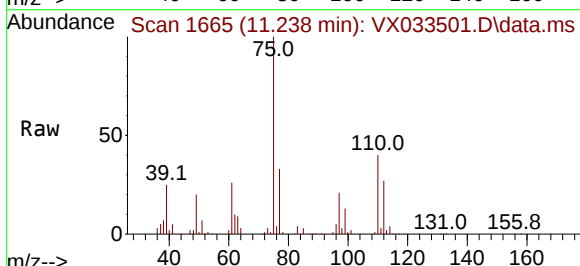
Manual Integrations
APPROVED

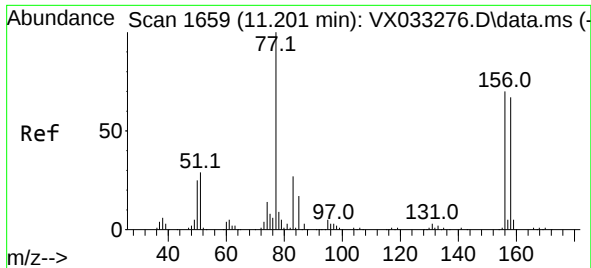
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#76
1,2,3-Trichloropropane
Concen: 21.949 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.006 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

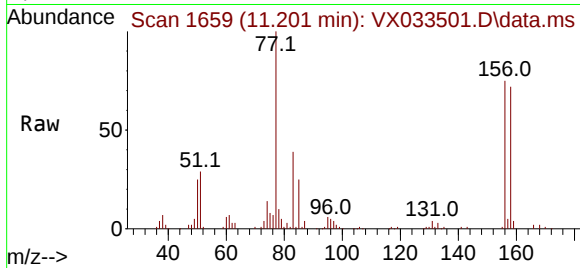
Tgt Ion: 75 Resp: 43799
Ion Ratio Lower Upper
75 100
77 38.5 20.0 60.0





#77
Bromobenzene
Concen: 22.429 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

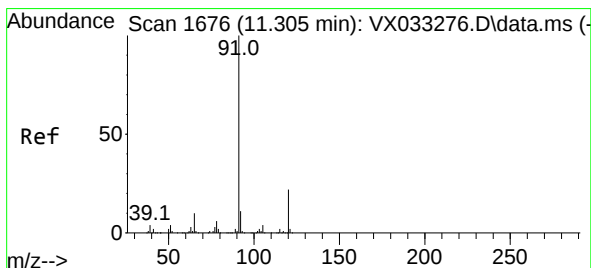
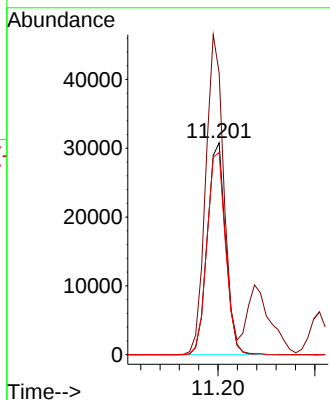
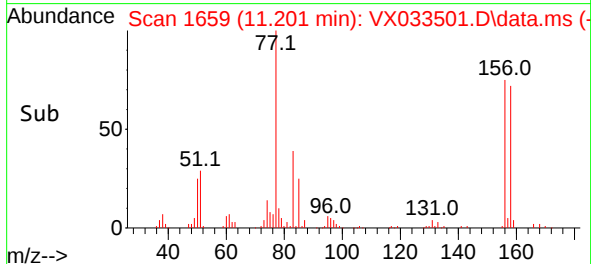
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



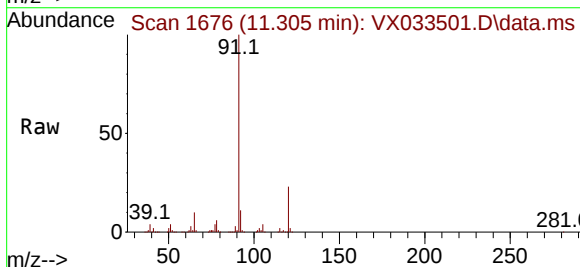
Tgt Ion:156 Resp: 40264
Ion Ratio Lower Upper
156 100
77 148.9 76.1 228.4
158 97.8 48.8 146.3

Manual Integrations
APPROVED

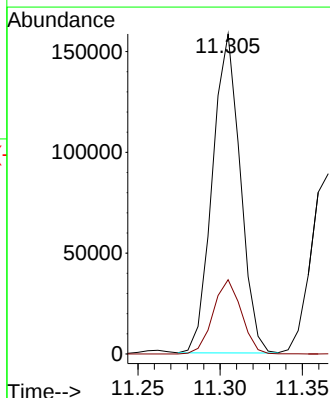
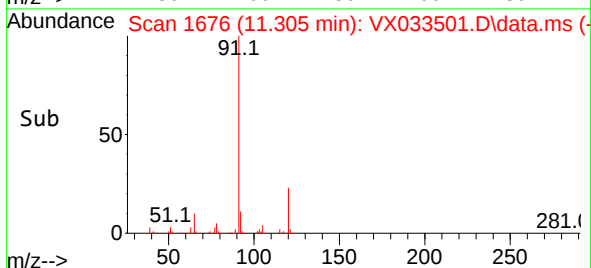
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

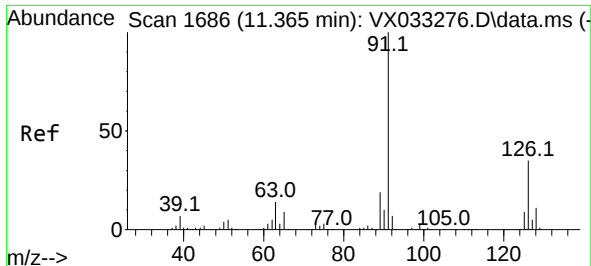


#78
n-propylbenzene
Concen: 23.512 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



Tgt Ion: 91 Resp: 186634
Ion Ratio Lower Upper
91 100
120 23.5 11.6 34.8





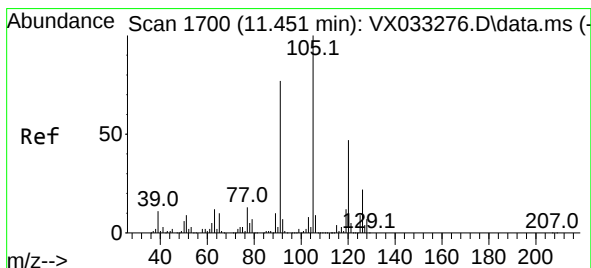
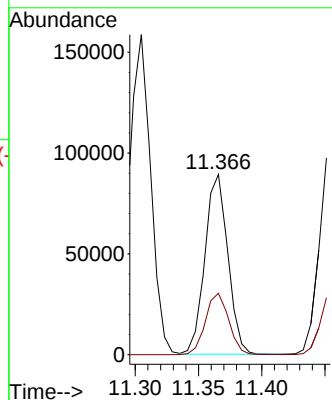
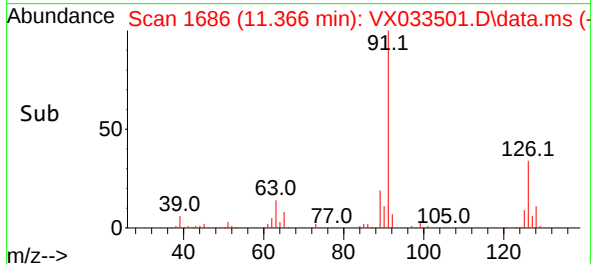
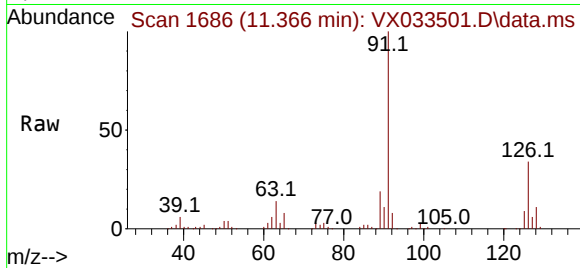
#79
2-Chlorotoluene
Concen: 22.939 ug/l
RT: 11.366 min Scan# 11253
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01

Tgt Ion: 91 Resp: 11253
Ion Ratio Lower Upper
91 100
126 34.7 17.1 51.2

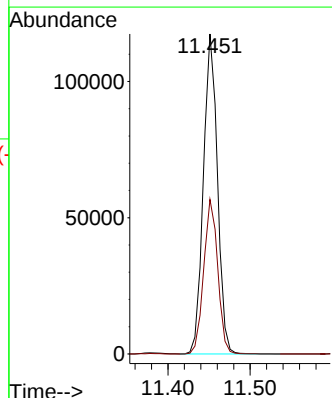
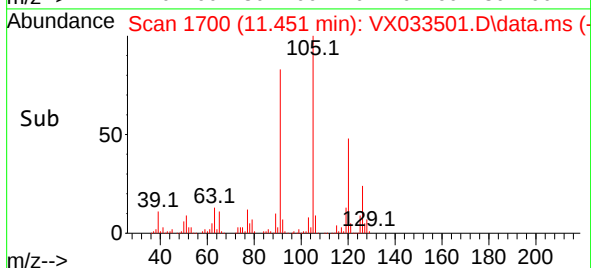
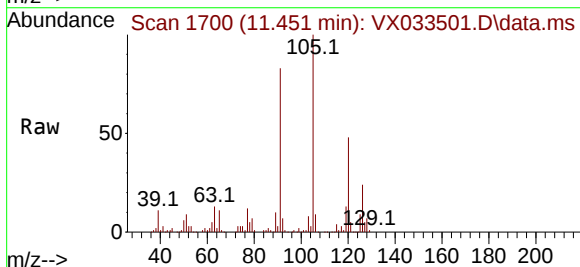
Manual Integrations
APPROVED

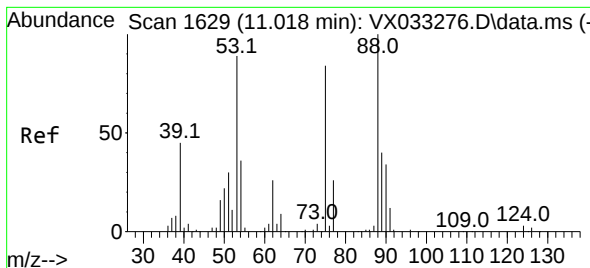
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#80
1,3,5-Trimethylbenzene
Concen: 23.535 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

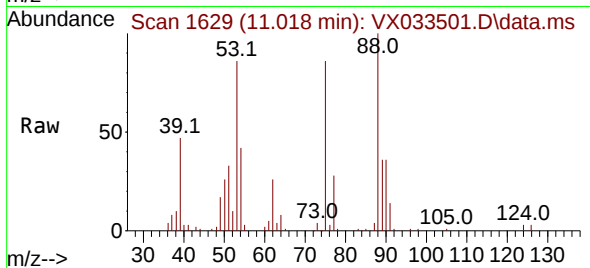
Tgt Ion:105 Resp: 139272
Ion Ratio Lower Upper
105 100
120 48.2 23.6 71.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.704 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

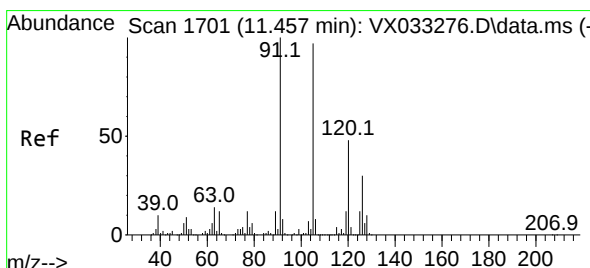
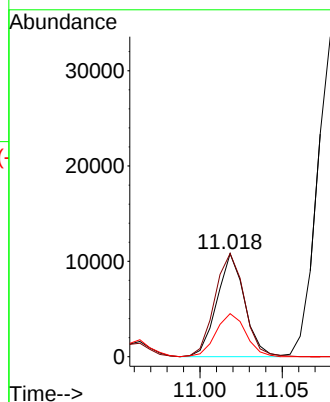
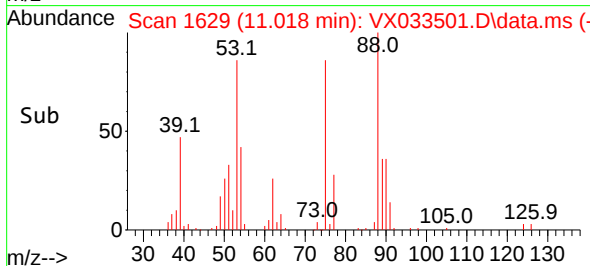
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



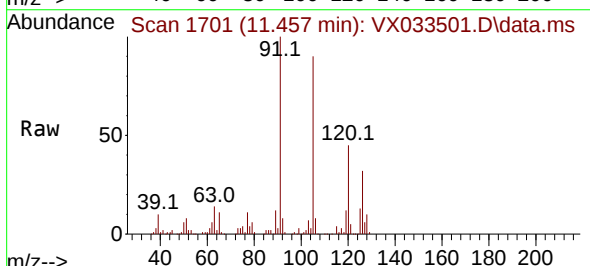
Tgt Ion: 75 Resp: 12640
Ion Ratio Lower Upper
75 100
53 107.0 86.9 130.3
89 45.3 38.3 57.5

Manual Integrations
APPROVED

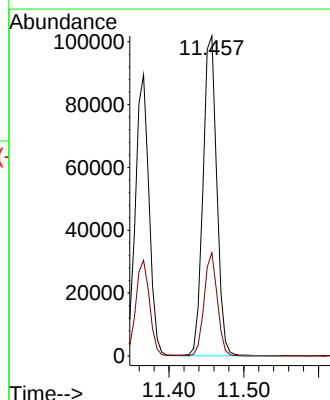
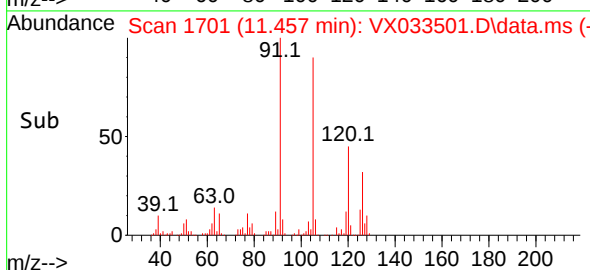
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

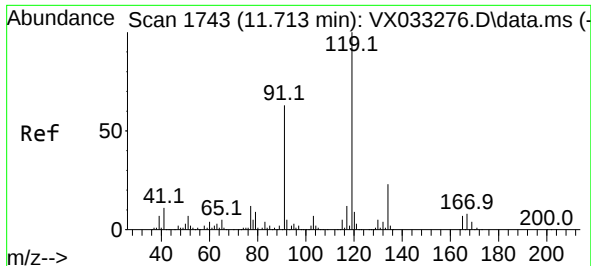


#82
4-Chlorotoluene
Concen: 22.799 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



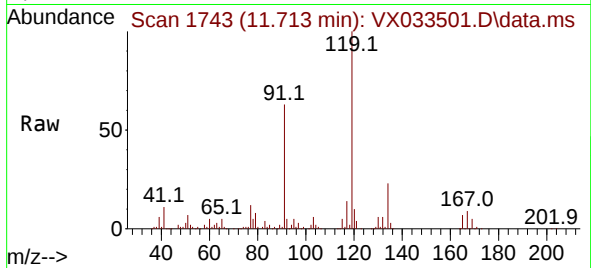
Tgt Ion: 91 Resp: 130051
Ion Ratio Lower Upper
91 100
126 30.8 14.8 44.4





#83
tert-Butylbenzene
Concen: 23.336 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

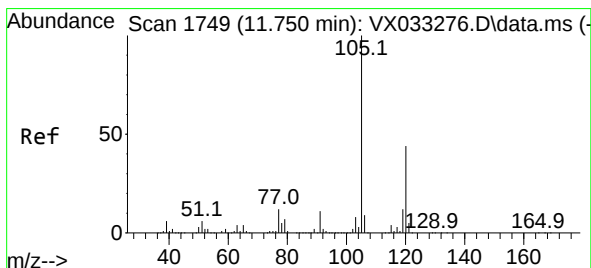
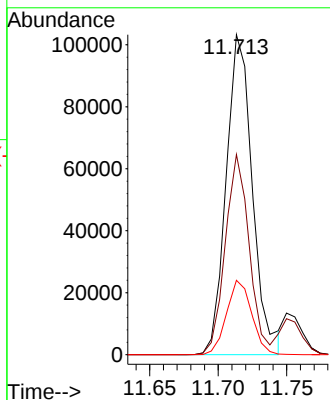
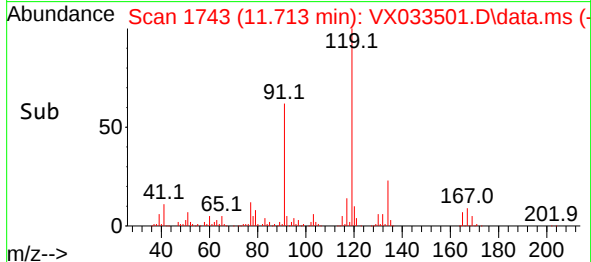
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



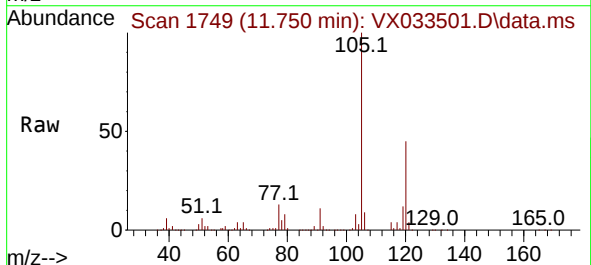
Tgt Ion:119 Resp: 137705
Ion Ratio Lower Upper
119 100
91 57.1 29.4 88.2
134 22.3 11.0 33.0

Manual Integrations
APPROVED

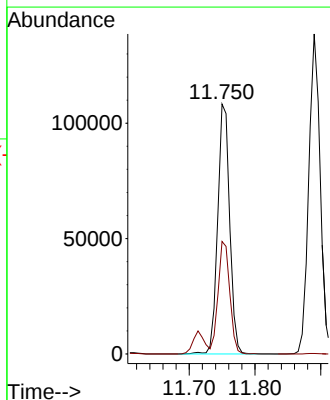
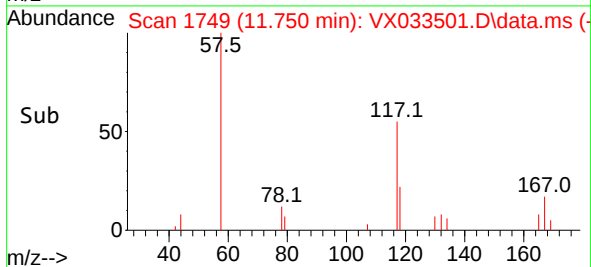
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

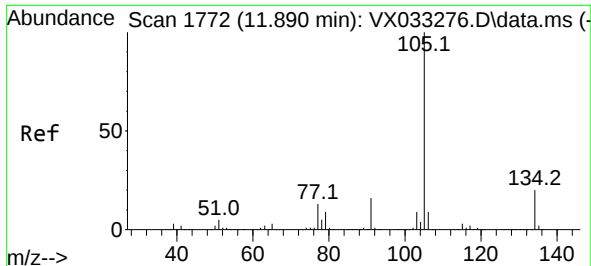


#84
1,2,4-Trimethylbenzene
Concen: 23.248 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



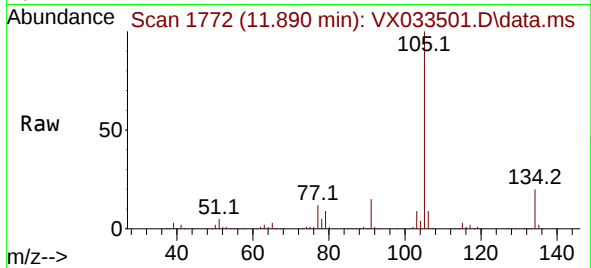
Tgt Ion:105 Resp: 137325
Ion Ratio Lower Upper
105 100
120 43.9 21.9 65.5





#85
 sec-Butylbenzene
 Concen: 24.347 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033501.D
 Acq: 20 Dec 2022 12:35

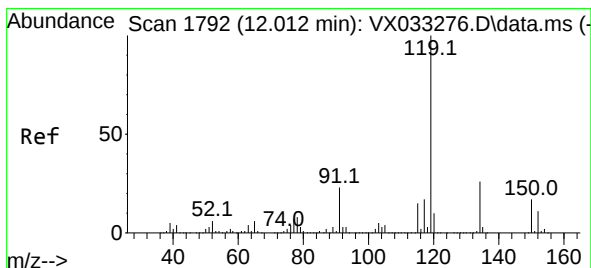
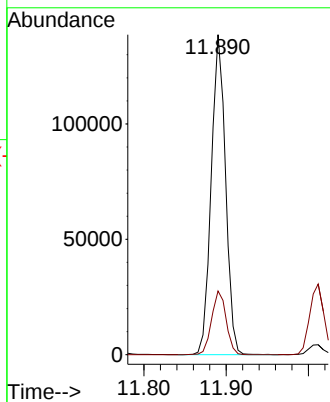
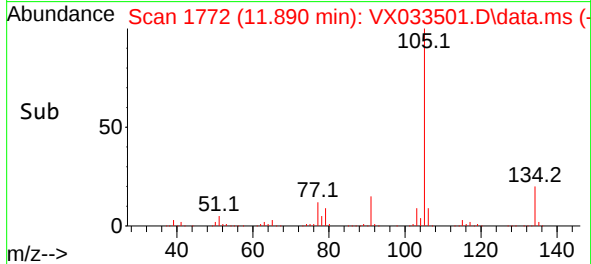
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1220WBSD01



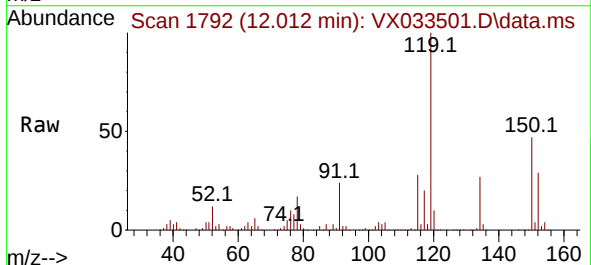
Tgt Ion:105 Resp: 167629
 Ion Ratio Lower Upper
 105 100
 134 20.2 9.9 29.7

Manual Integrations
 APPROVED

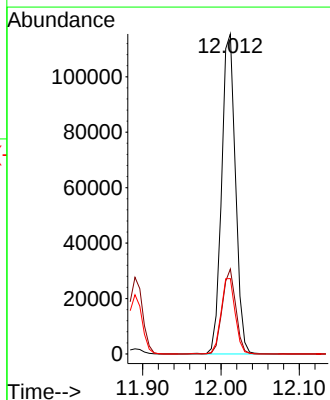
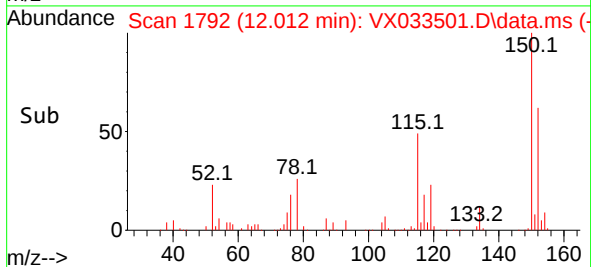
Reviewed By :John Carlone 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022



#86
 p-Isopropyltoluene
 Concen: 23.989 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX033501.D
 Acq: 20 Dec 2022 12:35



Tgt Ion:119 Resp: 142397
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.2 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 23.263 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion:146 Resp: 75650

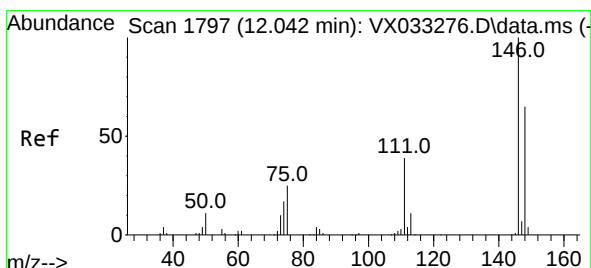
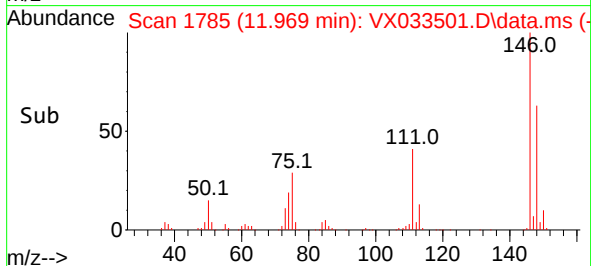
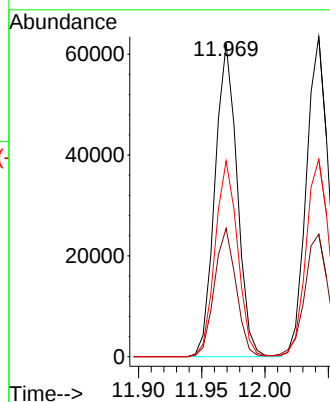
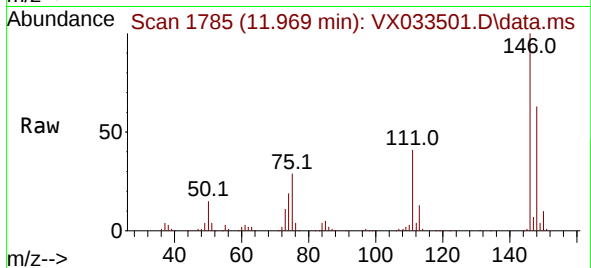
Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.6	61.8
148	63.2	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#88

1,4-Dichlorobenzene

Concen: 23.469 ug/l

RT: 12.042 min Scan# 1797

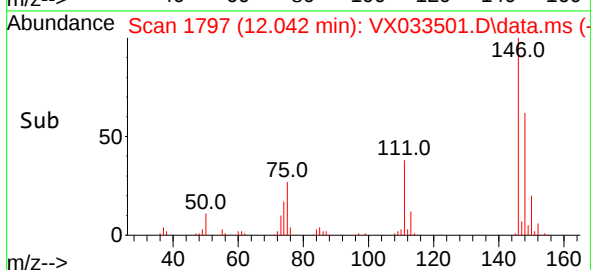
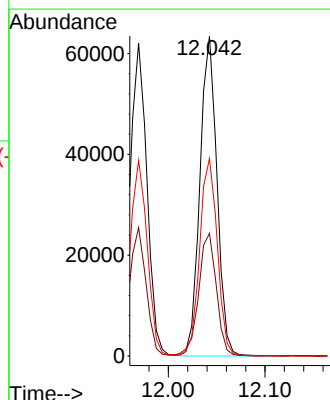
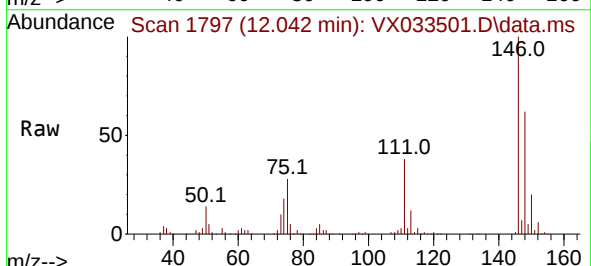
Delta R.T. 0.000 min

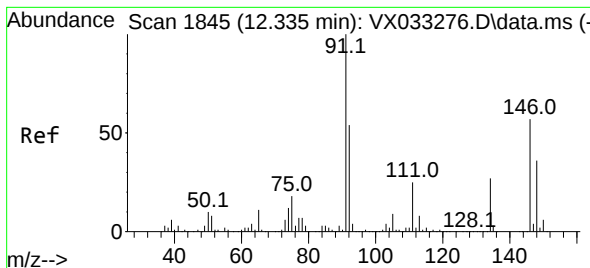
Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Tgt Ion:146 Resp: 77955

Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.5	61.6
148	63.8	32.2	96.6





#89

n-Butylbenzene

Concen: 24.572 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX033501.D

Acq: 20 Dec 2022 12:35

Instrument :

MSVOA_X

ClientSampleId :

VX1220WBSD01

Tgt Ion: 91 Resp: 119460

Ion Ratio Lower Upper

91 100

92 51.7 26.2 78.6

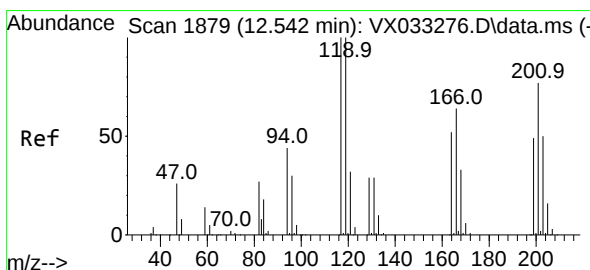
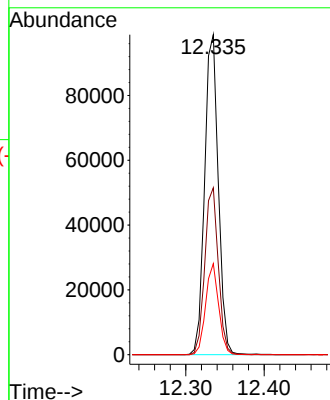
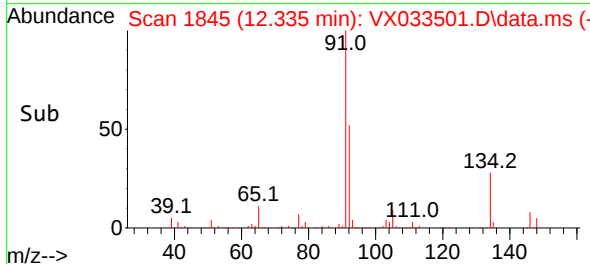
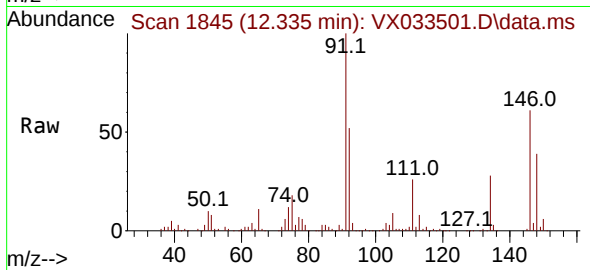
134 27.1 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/21/2022

Supervised By :Mahesh Dadoda 12/21/2022



#90

Hexachloroethane

Concen: 21.560 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX033501.D

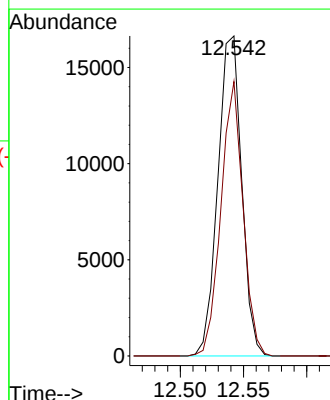
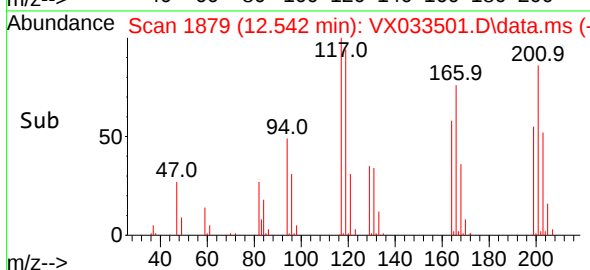
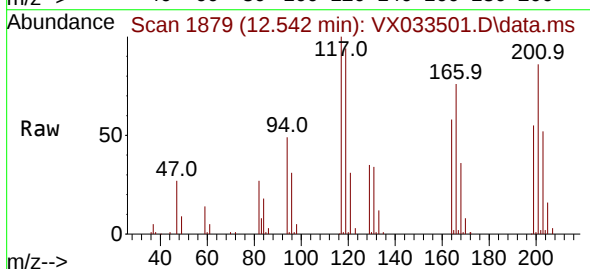
Acq: 20 Dec 2022 12:35

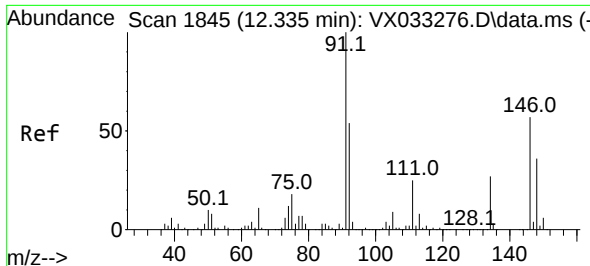
Tgt Ion:117 Resp: 21753

Ion Ratio Lower Upper

117 100

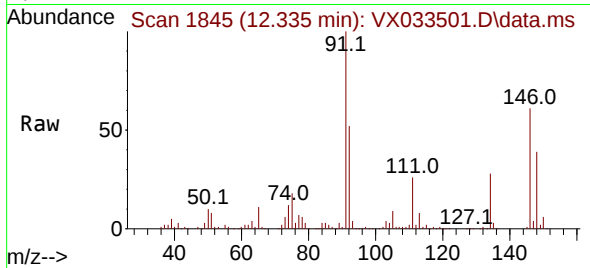
201 79.4 37.6 112.9





#91
1,2-Dichlorobenzene
Concen: 22.972 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

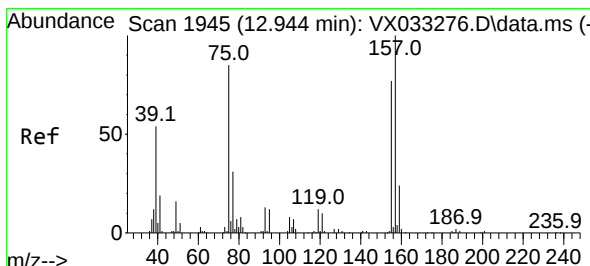
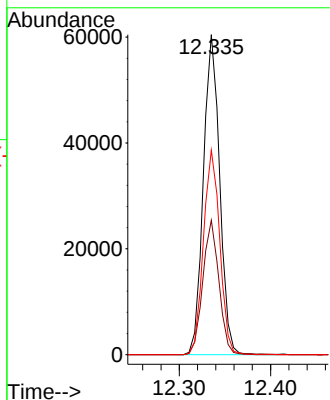
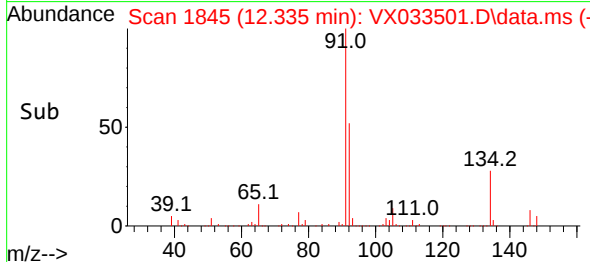
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



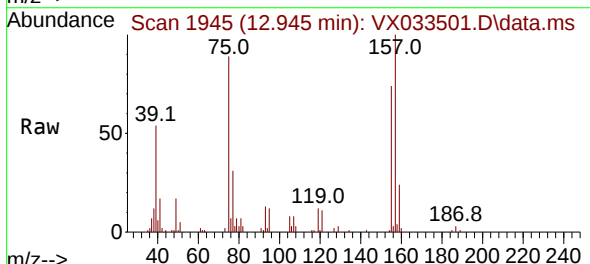
Tgt Ion:146 Resp: 74680
Ion Ratio Lower Upper
146 100
111 41.4 21.5 64.5
148 64.1 32.0 96.2

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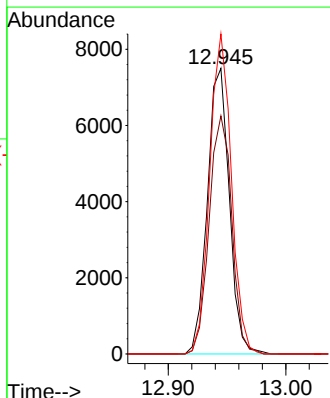
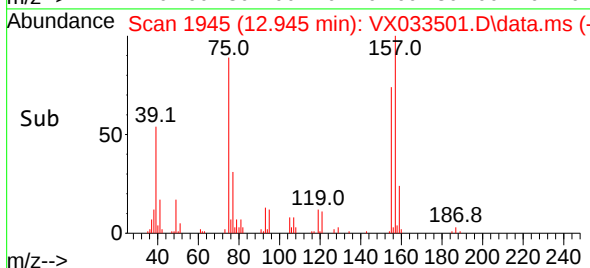
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

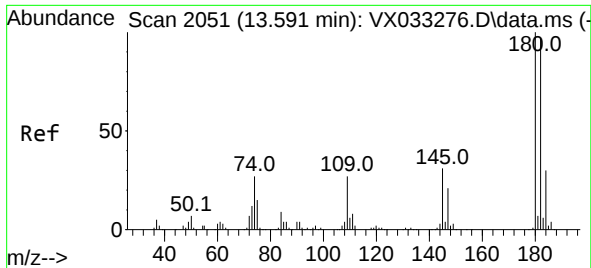


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.947 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



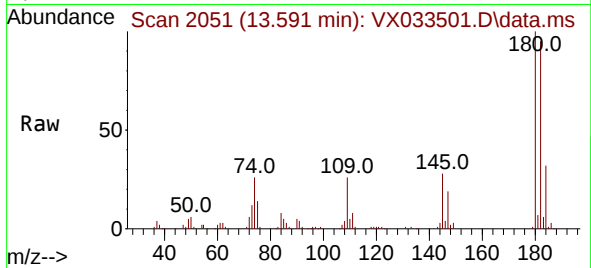
Tgt Ion: 75 Resp: 9717
Ion Ratio Lower Upper
75 100
155 85.9 41.6 124.8
157 110.6 54.1 162.4





#93
1,2,4-Trichlorobenzene
Concen: 22.956 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

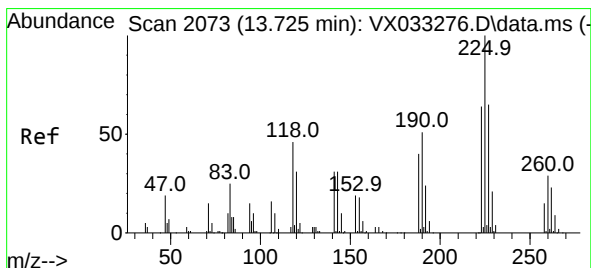
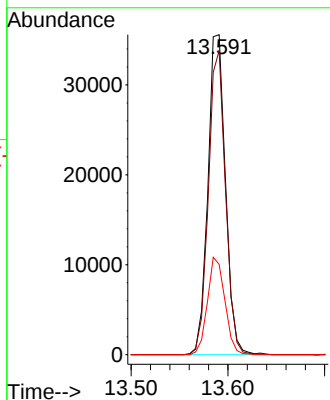
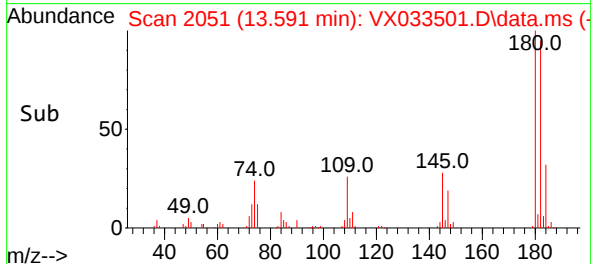
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



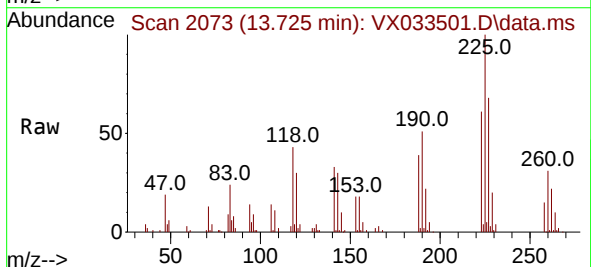
Tgt Ion:180 Resp: 45074
Ion Ratio Lower Upper
180 100
182 92.3 48.4 145.0
145 30.2 16.2 48.5

Manual Integrations
APPROVED

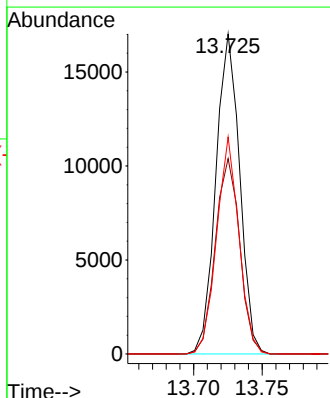
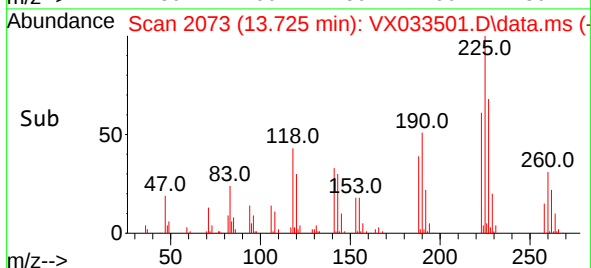
Reviewed By :John Carlone 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022

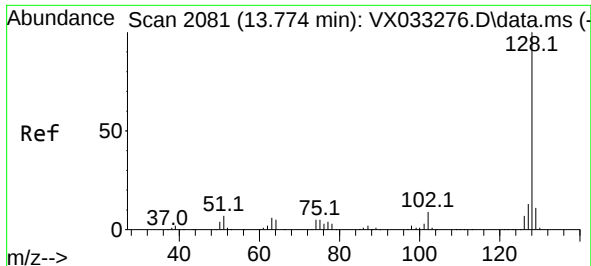


#94
Hexachlorobutadiene
Concen: 26.066 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



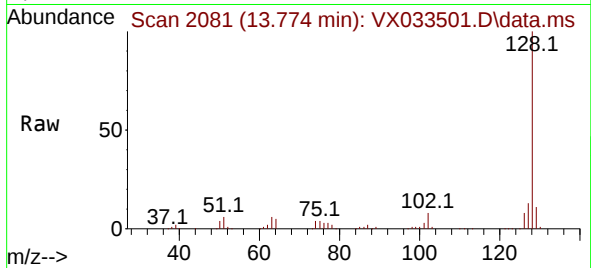
Tgt Ion:225 Resp: 20495
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.9
227 63.7 31.9 95.5





#95
Naphthalene
Concen: 21.990 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35

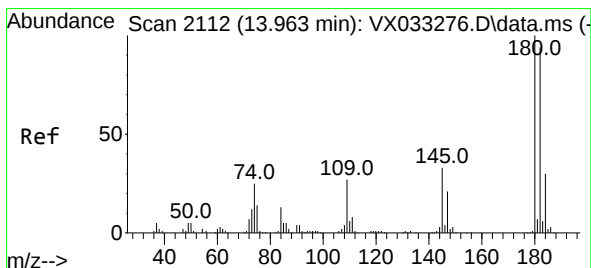
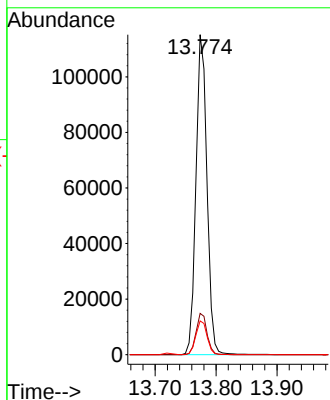
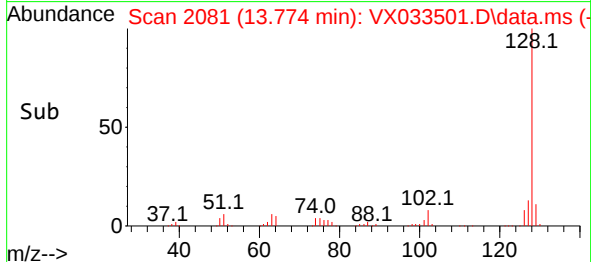
Instrument :
MSVOA_X
ClientSampleId :
VX1220WBSD01



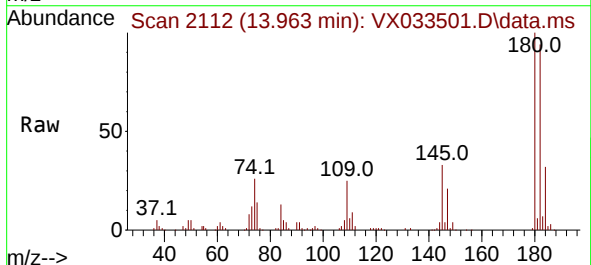
Tgt Ion:128 Resp: 144028
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.8 8.9 13.3

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 22.456 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033501.D
Acq: 20 Dec 2022 12:35



Tgt Ion:180 Resp: 44657
Ion Ratio Lower Upper
180 100
182 94.1 47.5 142.6
145 33.0 16.9 50.6

