

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082622\
 Data File : VW024358.D
 Acq On : 26 Aug 2022 18:40
 Operator : SY/VA
 Sample : N4344-14MS
 Misc : 5.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 27 00:42:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 27 00:35:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	191895	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	197487	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	127830	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	160409	30.325	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 121.280%	
7) Chloroethane-d5	2.873	69	126100	31.817	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 127.280%	
11) 1,1-Dichloroethene-d2	4.013	63	98061	21.375	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 85.480%	
21) 2-Butanone-d5	7.080	46	51141	52.489	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.980%	
24) Chloroform-d	7.647	84	149866	24.292	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 97.160%	
26) 1,2-Dichloroethane-d4	8.305	65	95612	25.556	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 102.240%	
32) Benzene-d6	8.275	84	270230	23.882	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 95.520%	
36) 1,2-Dichloropropane-d6	9.274	67	87192	24.778	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 99.120%	
41) Toluene-d8	10.323	98	258437	24.022	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.080%	
43) trans-1,3-Dichloroprop...	10.579	79	41636	25.284	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 101.120%	
47) 2-Hexanone-d5	10.920	63	47994	60.947	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 121.900%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	116993	29.365	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 117.480%	
66) 1,2-Dichlorobenzene-d4	13.853	152	123166	25.586	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 102.360%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.001	85	43762	22.769	ug/L	98
3) Chloromethane	2.215	50	79515	22.143	ug/L	100
5) Vinyl chloride	2.349	62	168921	26.910	ug/L	100
6) Bromomethane	2.763	94	110825	25.152	ug/L	95
8) Chloroethane	2.910	64	89512	27.297	ug/L	100
9) Trichlorofluoromethane	3.245	101	52676	17.845	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.050	101	58160	20.542	ug/L	99
12) 1,1-Dichloroethene	4.037	96	46379	20.234	ug/L	90
13) Acetone	4.129	43	26524	45.618	ug/L	97
14) Carbon disulfide	4.379	76	154075	20.226	ug/L	97
15) Methyl Acetate	4.672	43	30742	21.613	ug/L	97
16) Methylene chloride	4.909	84	33884	10.528	ug/L	95
17) trans-1,2-Dichloroethene	5.415	96	54663	20.148	ug/L	96
18) Methyl tert-butyl Ether	5.427	73	97446	21.936	ug/L	96
19) 1,1-Dichloroethane	6.214	63	104082	20.288	ug/L	98
22) 2-Butanone	7.177	43	48235	46.497	ug/L	100
23) Bromochloromethane	7.506	128	30762	21.115	ug/L	92
25) Chloroform	7.677	83	118359	20.793	ug/L	90
27) 1,2-Dichloroethane	8.396	62	91646	22.119	ug/L	97

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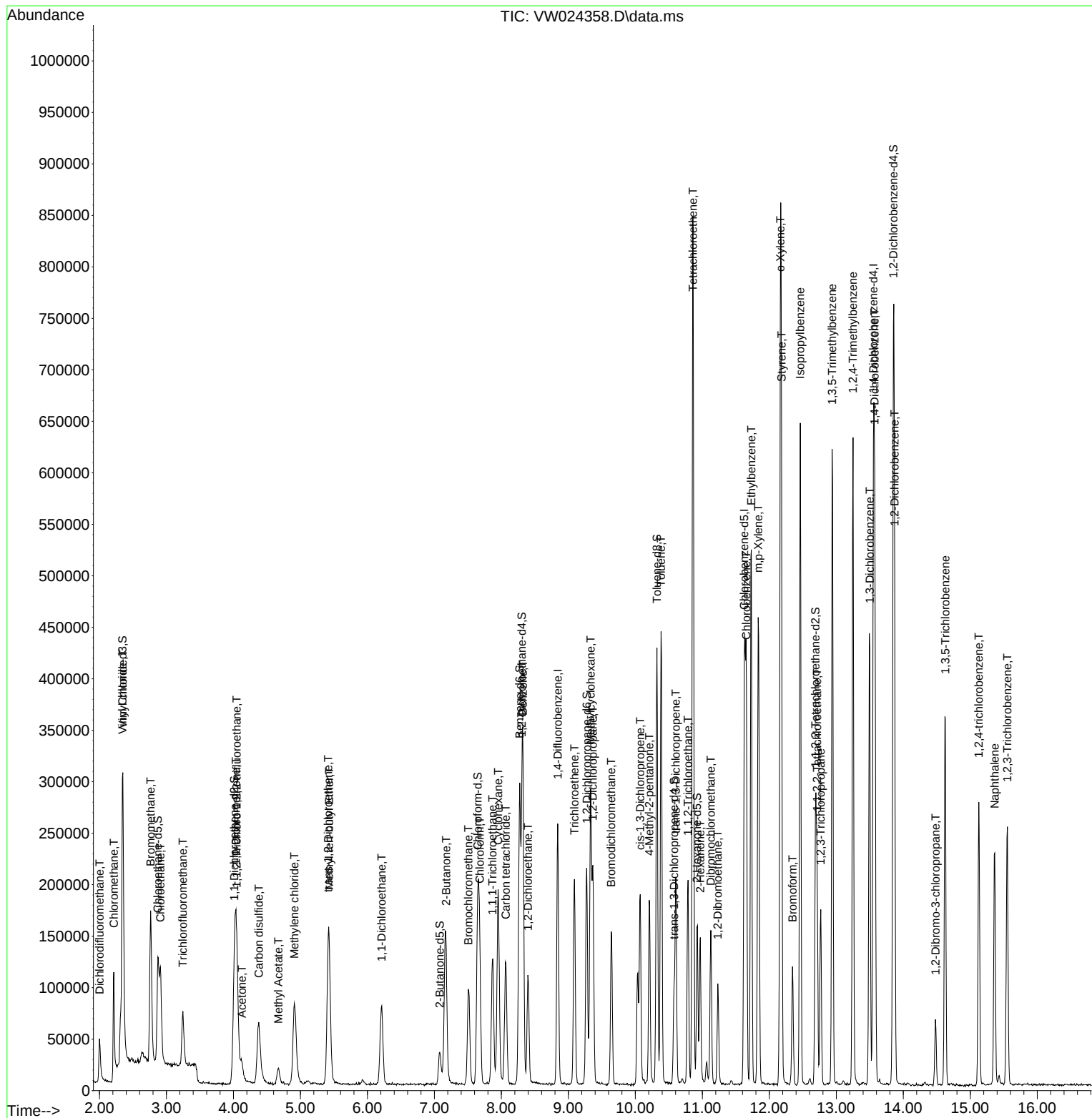
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.951	56	85497	20.081	ug/L	98
30) 1,1,1-Trichloroethane	7.866	97	91709	19.697	ug/L	99
31) Carbon tetrachloride	8.067	117	81275	19.081	ug/L	99
33) Benzene	8.323	78	254993	20.738	ug/L	100
34) Trichloroethene	9.091	95	61389	18.943	ug/L	93
35) Methylcyclohexane	9.335	83	101323	19.487	ug/L	99
37) 1,2-Dichloropropane	9.366	63	65551	20.658	ug/L #	97
38) Bromodichloromethane	9.640	83	89225	20.648	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	95298	21.485	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	113806	50.438	ug/L	98
42) Toluene	10.384	91	308224	22.715	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	94399	21.902	ug/L	94
45) 1,1,2-Trichloroethane	10.786	97	55991	21.638	ug/L	96
46) Tetrachloroethene	10.859	164	155968	61.970	ug/L	95
48) 2-Hexanone	10.969	43	85161	51.169	ug/L	99
49) Dibromochloromethane	11.128	129	65786	21.495	ug/L	92
50) 1,2-Dibromoethane	11.231	107	54612	21.953	ug/L	93
51) Chlorobenzene	11.658	112	193320	21.226	ug/L	98
52) Ethylbenzene	11.731	91	339653	22.640	ug/L	98
53) m,p-Xylene	11.835	106	134188	22.776	ug/L	96
54) o-Xylene	12.164	106	129345	23.485	ug/L	98
55) Styrene	12.182	104	251315	25.814	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	85655	23.716	ug/L	99
59) Bromoform	12.347	173	42458	20.697	ug/L	98
60) Isopropylbenzene	12.463	105	361597	21.298	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	61185	21.166	ug/L	97
62) 1,3,5-Trimethylbenzene	12.938	105	293980	21.474	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	296544	22.301	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	159555	19.656	ug/L	94
65) 1,4-Dichlorobenzene	13.572	146	169530	19.781	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	162287	21.328	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	14800	20.378	ug/L	92
69) 1,3,5-Trichlorobenzene	14.627	180	97705	18.648	ug/L	95
70) 1,2,4-trichlorobenzene	15.127	180	77756	19.091	ug/L	97
71) Naphthalene	15.365	128	179353	20.051	ug/L	98
72) 1,2,3-Trichlorobenzene	15.554	180	67642	17.572	ug/L	91

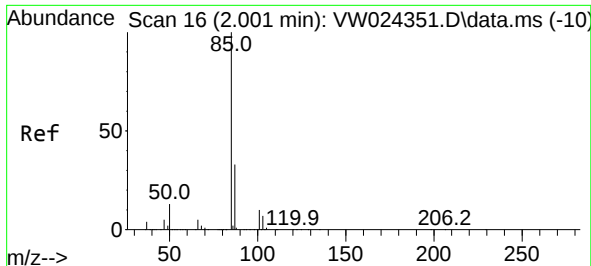
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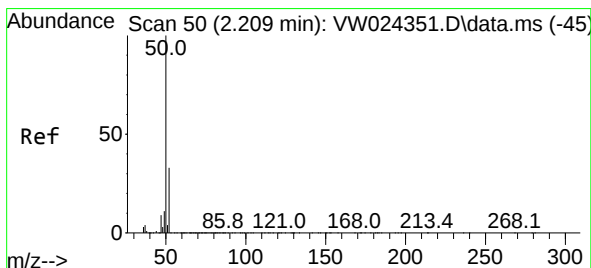
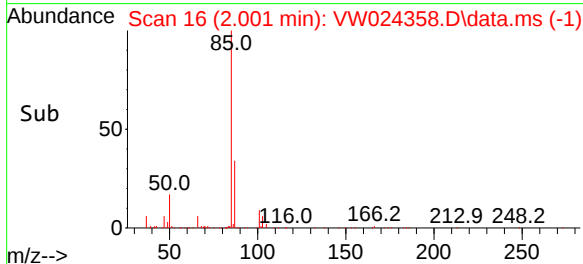
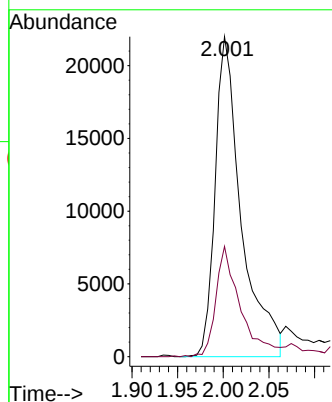
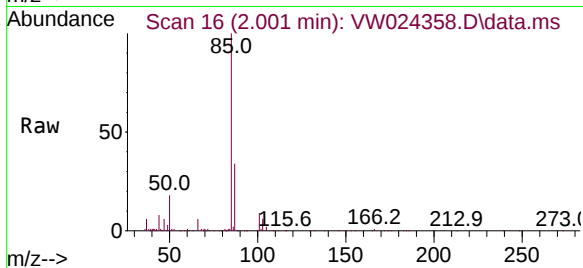




#2
 Dichlorodifluoromethane
 Concen: 22.769 ug/L
 RT: 2.001 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW024358.D
 Acq: 26 Aug 2022 18:40

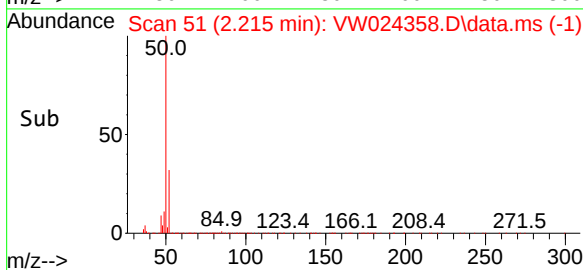
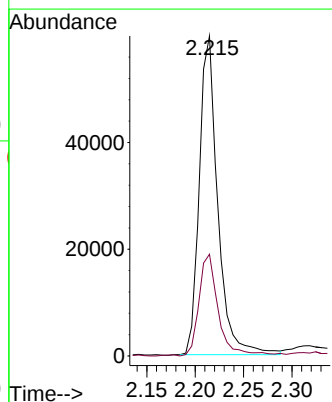
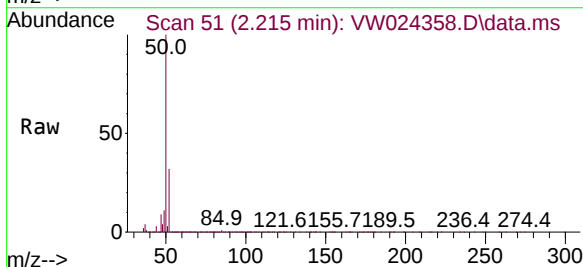
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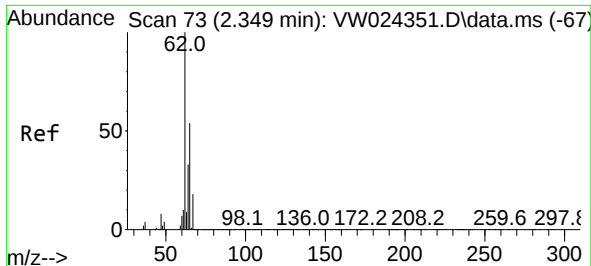
Tgt Ion: 85 Resp: 43762
 Ion Ratio Lower Upper
 85 100
 87 32.3 24.7 37.1



#3
 Chloromethane
 Concen: 22.143 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW024358.D
 Acq: 26 Aug 2022 18:40

Tgt Ion: 50 Resp: 79515
 Ion Ratio Lower Upper
 50 100
 52 31.8 22.3 41.5

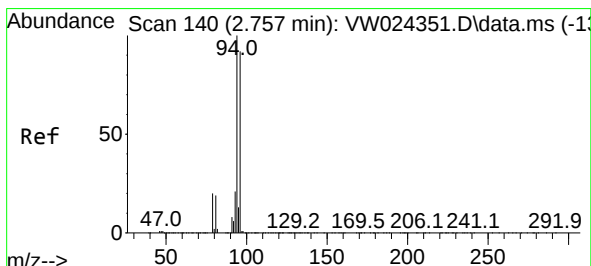
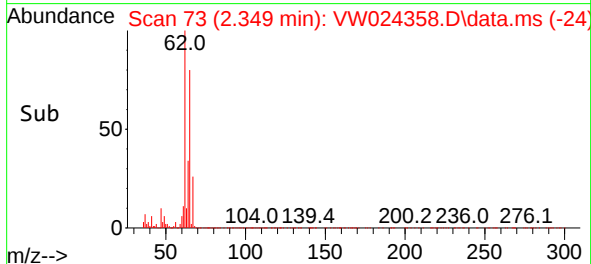
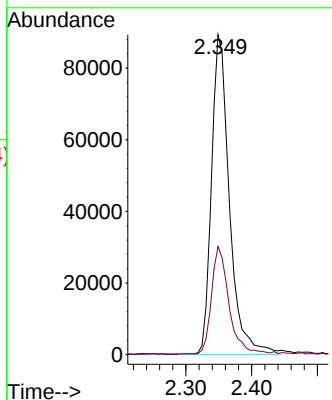
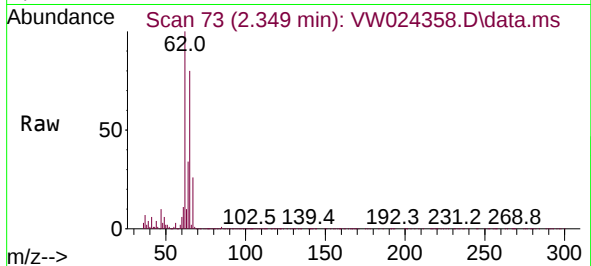




#5
 Vinyl chloride
 Concen: 26.910 ug/L
 RT: 2.349 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW024358.D
 Acq: 26 Aug 2022 18:40

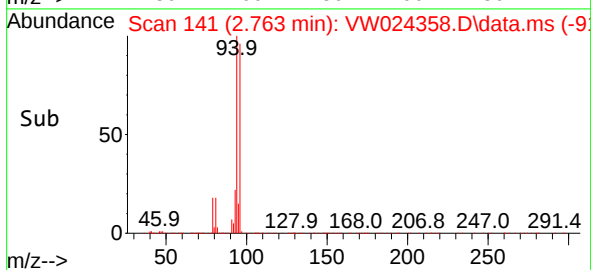
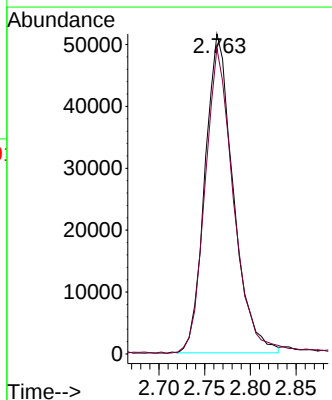
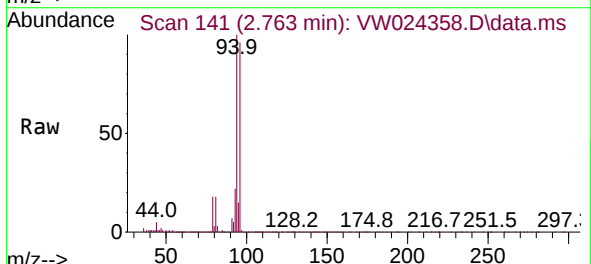
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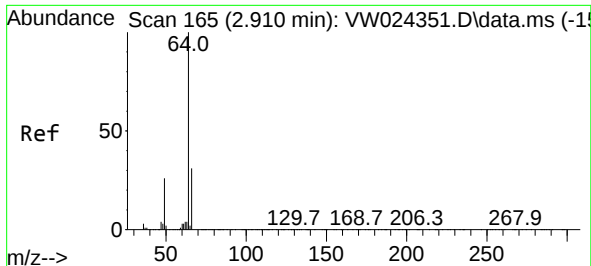
Tgt Ion: 62 Resp: 168921
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.6 43.8



#6
 Bromomethane
 Concen: 25.152 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. 0.006 min
 Lab File: VW024358.D
 Acq: 26 Aug 2022 18:40

Tgt Ion: 94 Resp: 110825
 Ion Ratio Lower Upper
 94 100
 96 95.6 63.6 118.0

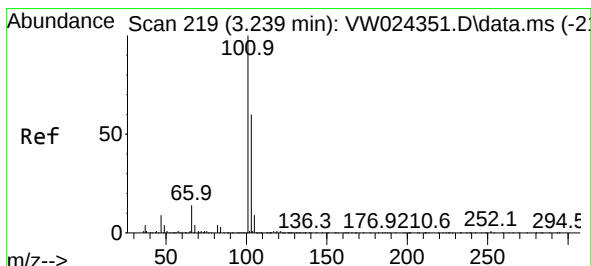
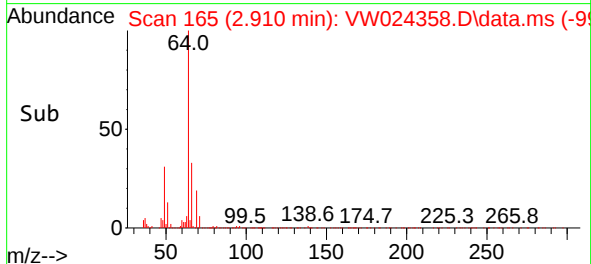
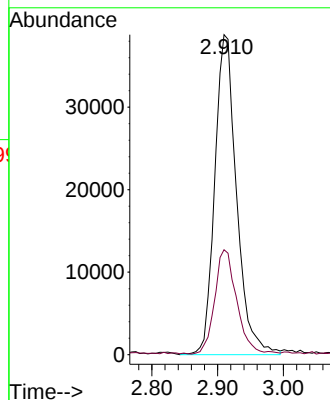
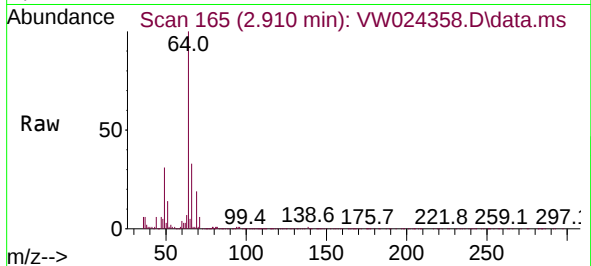




#8
Chloroethane
Concen: 27.297 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

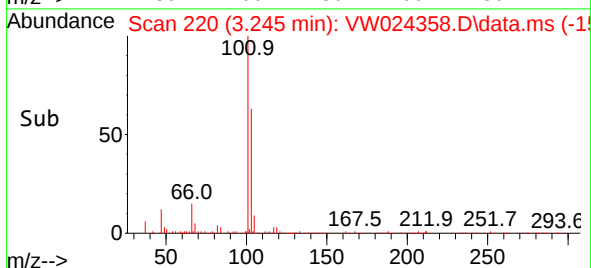
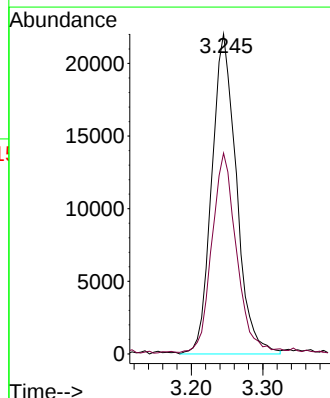
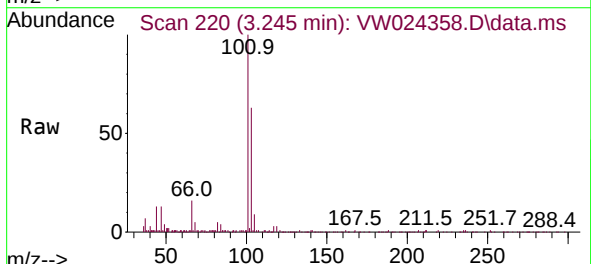
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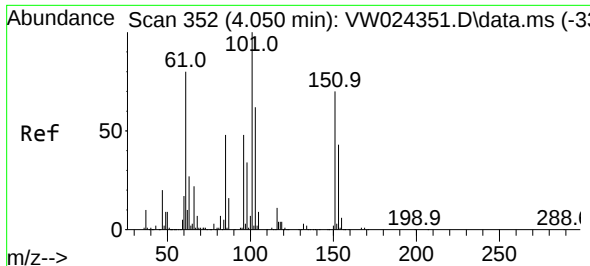
Tgt Ion: 64 Resp: 89512
Ion Ratio Lower Upper
64 100
66 32.8 23.0 42.6



#9
Trichlorofluoromethane
Concen: 17.845 ug/L
RT: 3.245 min Scan# 220
Delta R.T. 0.006 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion: 101 Resp: 52676
Ion Ratio Lower Upper
101 100
103 62.9 50.4 75.6

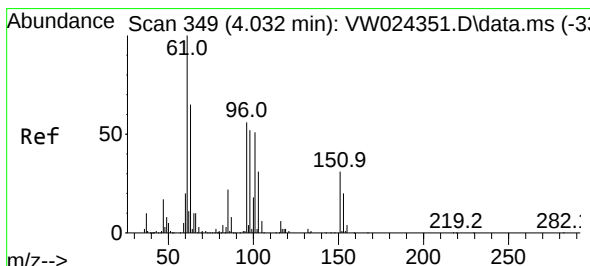
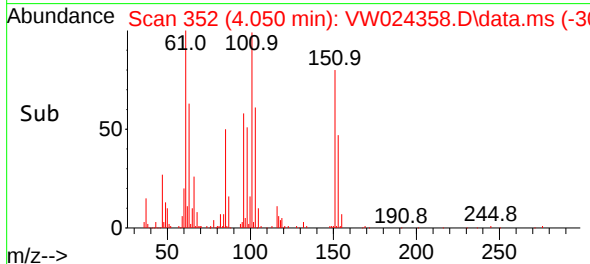
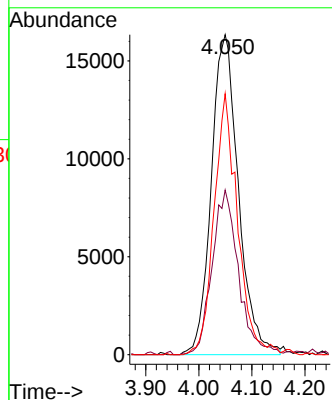
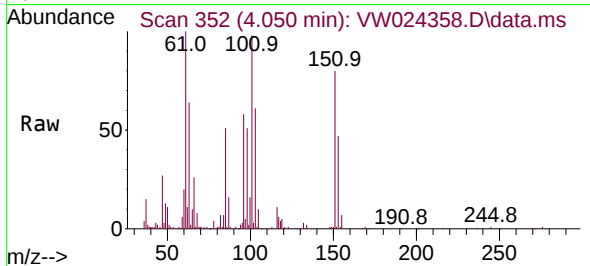




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 20.542 ug/L
 RT: 4.050 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW024358.D
 Acq: 26 Aug 2022 18:40

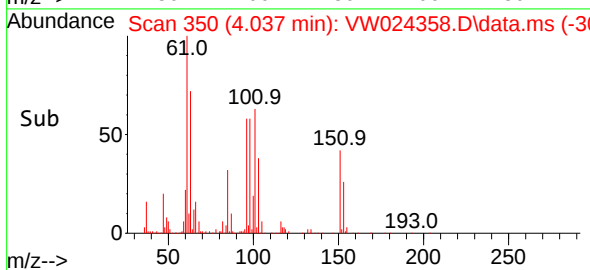
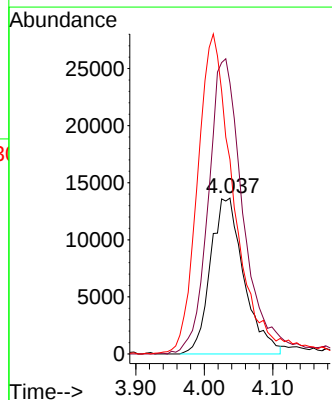
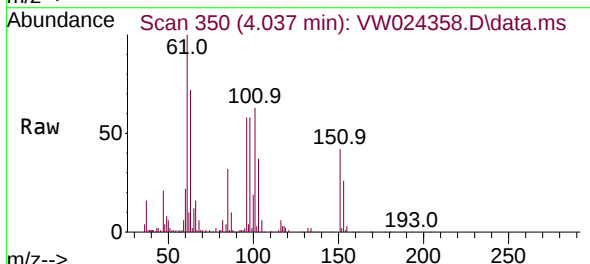
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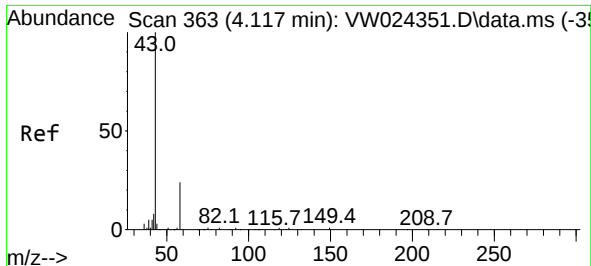
Tgt Ion:	101	Resp:	58160
Ion	Ratio	Lower	Upper
101	100		
85	49.3	39.1	58.7
151	70.1	56.8	85.2



#12
 1,1-Dichloroethene
 Concen: 20.234 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. 0.006 min
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Tgt Ion:	96	Resp:	46379
Ion	Ratio	Lower	Upper
96	100		
61	173.8	118.8	220.6
63	124.7	72.8	135.2

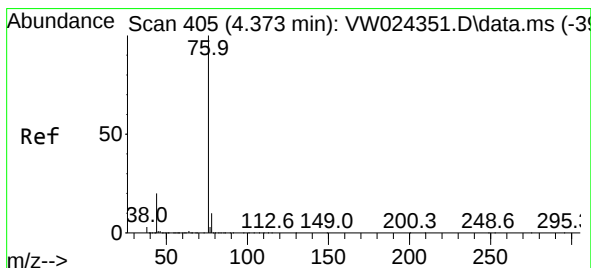
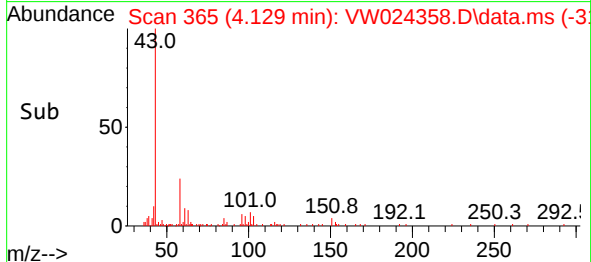
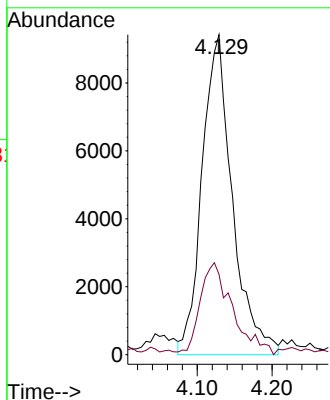
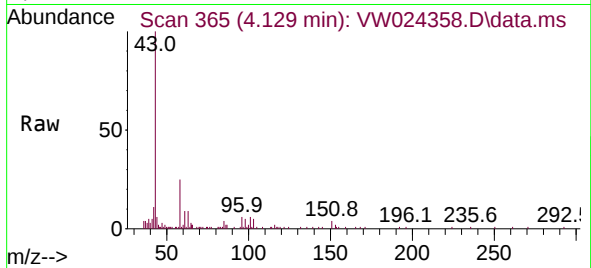




#13
Acetone
Concen: 45.618 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
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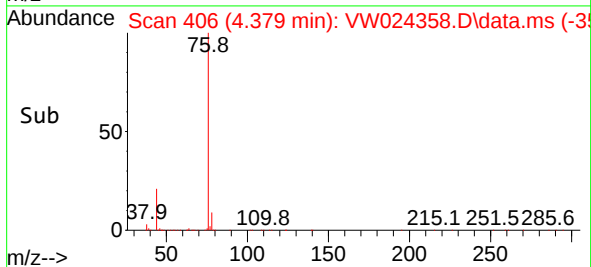
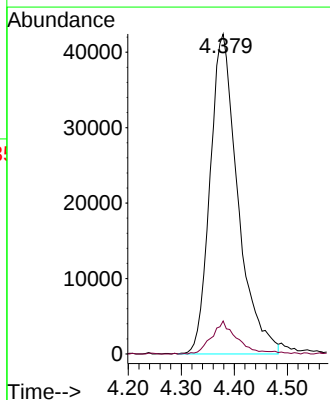
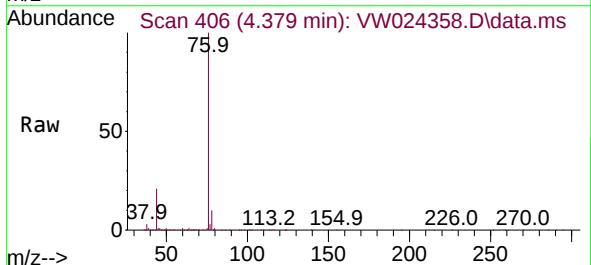
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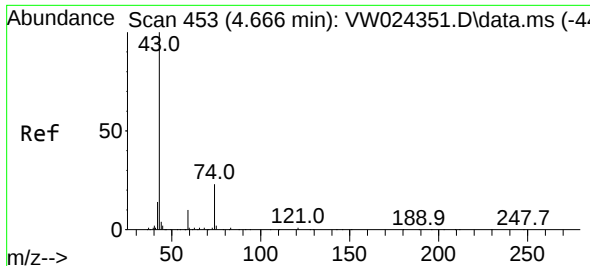
Tgt Ion: 43 Resp: 26524
Ion Ratio Lower Upper
43 100
58 27.5 0.0 58.4



#14
Carbon disulfide
Concen: 20.226 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.006 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion: 76 Resp: 154075
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.2

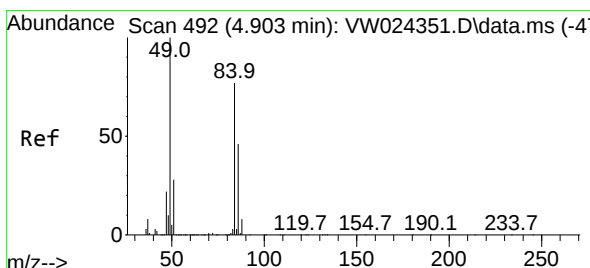
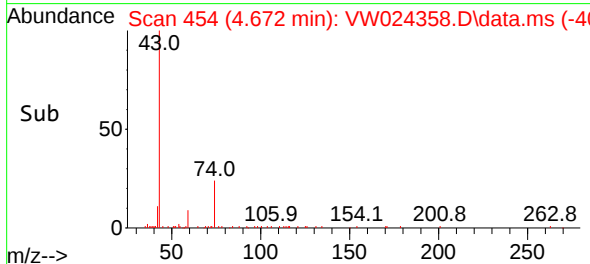
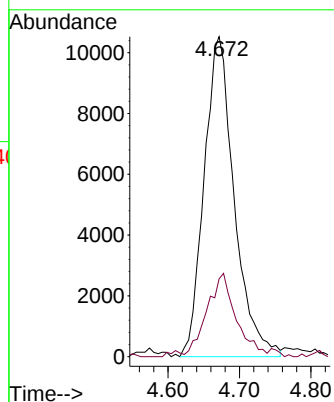
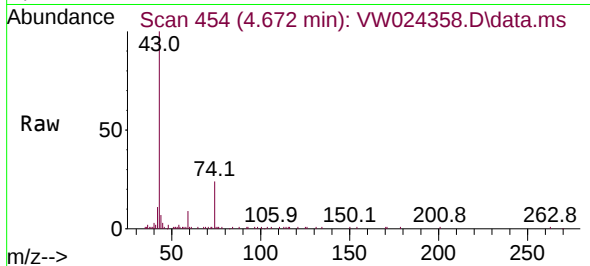




#15
Methyl Acetate
Concen: 21.613 ug/L
RT: 4.672 min Scan# 4
Delta R.T. 0.006 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

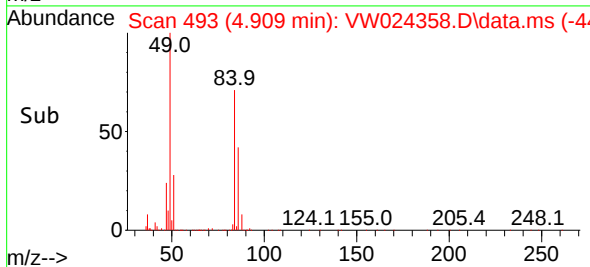
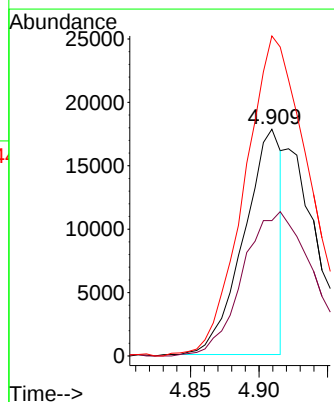
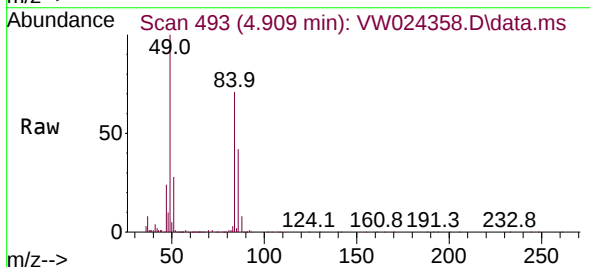
Instrument :
MSVOA_W
ClientSampleId :

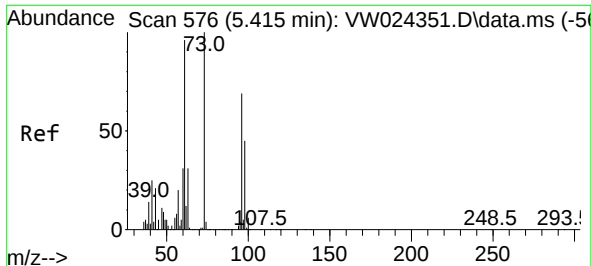
Tgt Ion: 43 Resp: 30742
Ion Ratio Lower Upper
43 100
74 23.8 17.9 26.9



#16
Methylene chloride
Concen: 10.528 ug/L
RT: 4.909 min Scan# 493
Delta R.T. 0.006 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion: 84 Resp: 33884
Ion Ratio Lower Upper
84 100
86 59.7 47.7 88.7
49 141.2 96.6 179.4

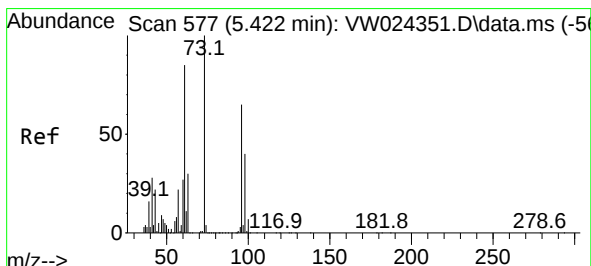
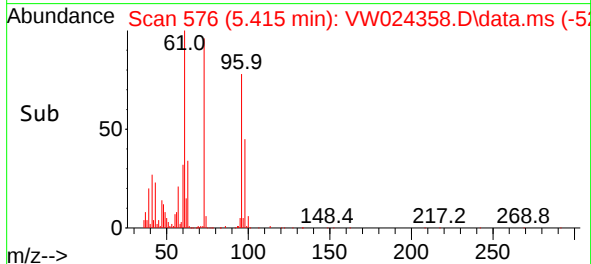
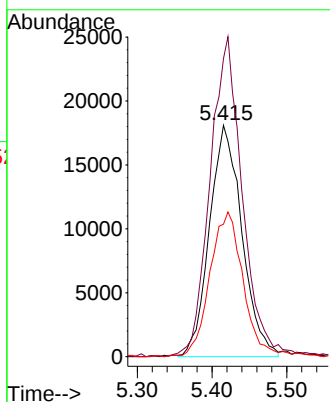
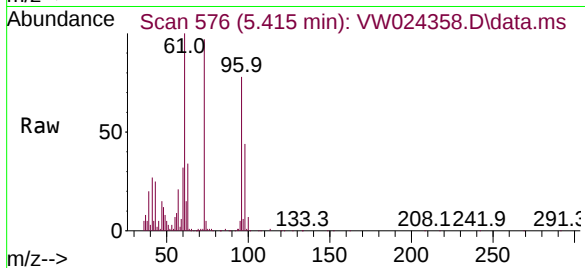




#17
trans-1,2-Dichloroethene
Concen: 20.148 ug/L
RT: 5.415 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

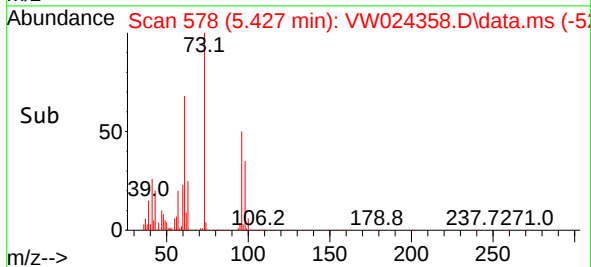
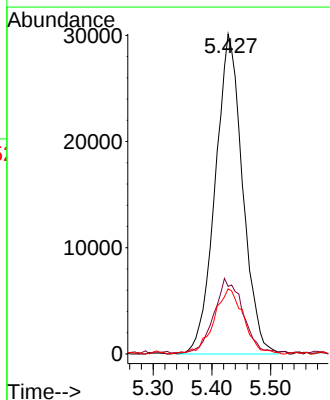
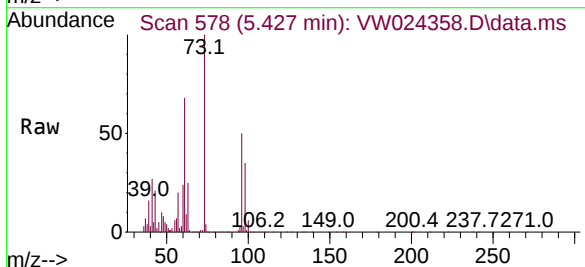
Instrument :
MSVOA_W
ClientSampleId :

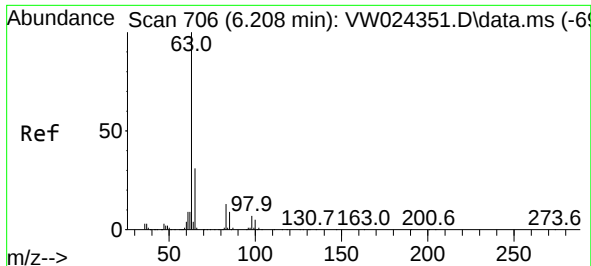
Tgt Ion: 96 Resp: 54663
Ion Ratio Lower Upper
96 100
61 128.8 92.1 171.1
98 57.3 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 21.936 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion: 73 Resp: 97446
Ion Ratio Lower Upper
73 100
43 24.0 18.8 28.2
57 19.3 18.1 27.1





#19

1,1-Dichloroethane

Concen: 20.288 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

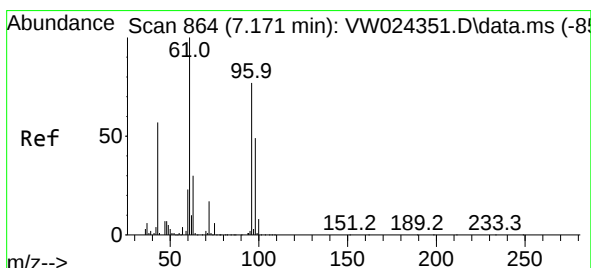
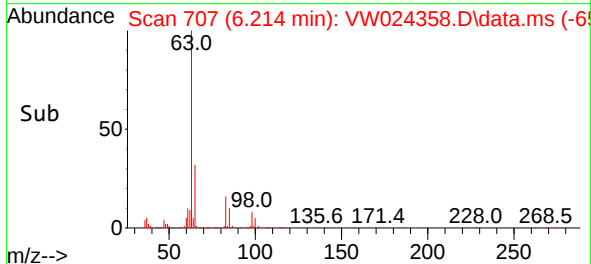
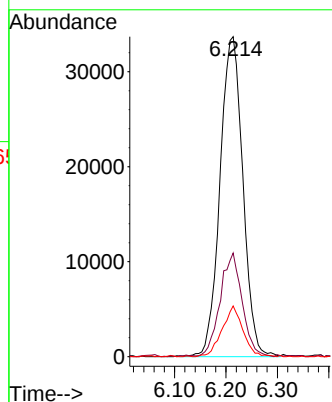
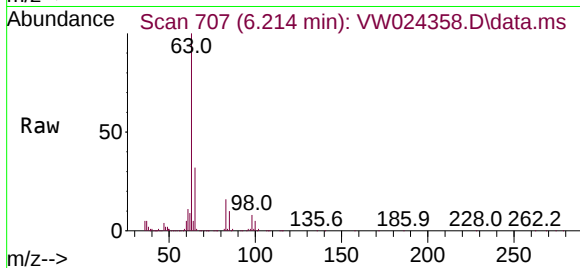
Tgt Ion: 63 Resp: 104082

Ion Ratio Lower Upper

63 100

65 32.4 23.6 43.8

83 15.9 10.4 19.4



#22

2-Butanone

Concen: 46.497 ug/L

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW024358.D

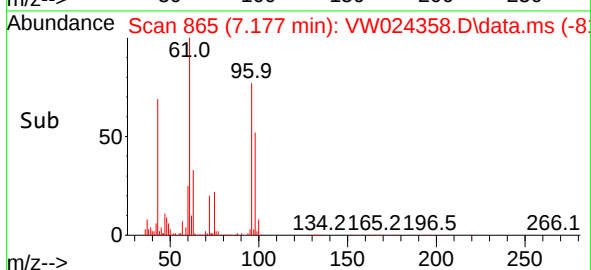
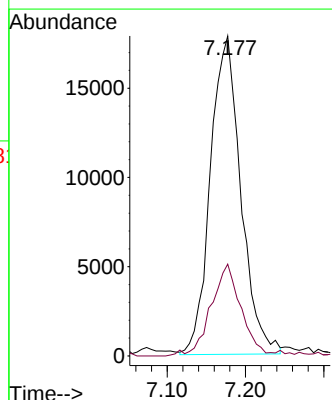
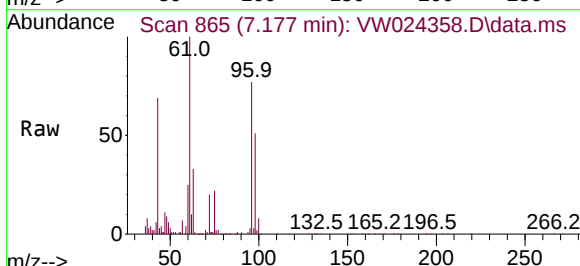
Acq: 26 Aug 2022 18:40

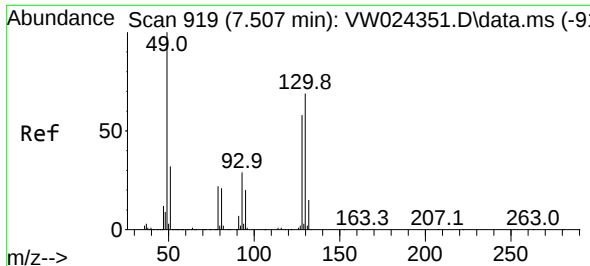
Tgt Ion: 43 Resp: 48235

Ion Ratio Lower Upper

43 100

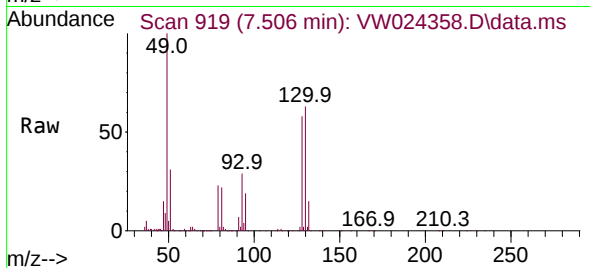
72 27.6 13.9 41.6



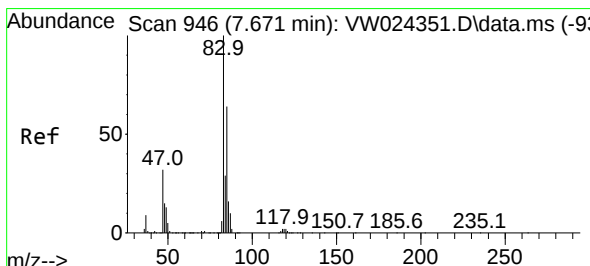
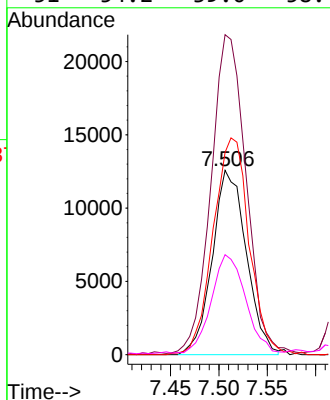
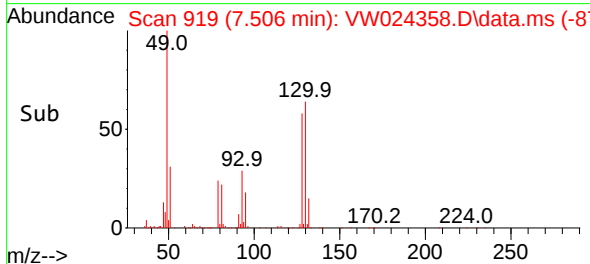


#23
Bromochloromethane
Concen: 21.115 ug/L
RT: 7.506 min Scan# 919
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Instrument :
MSVOA_W
ClientSampleId :

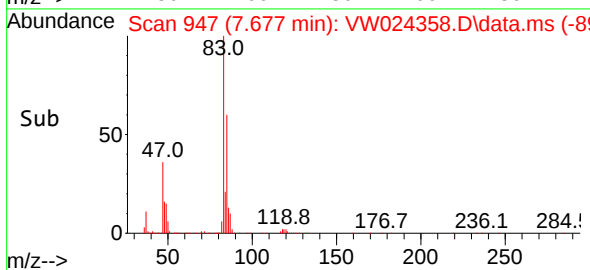
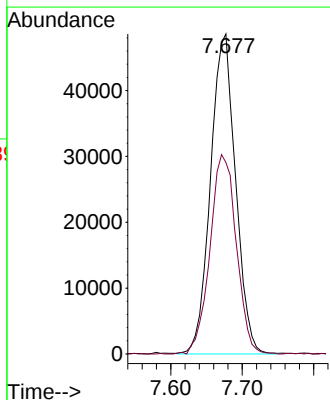
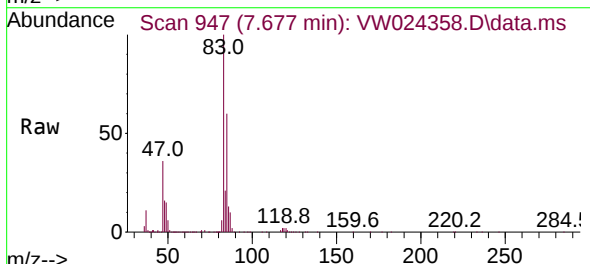


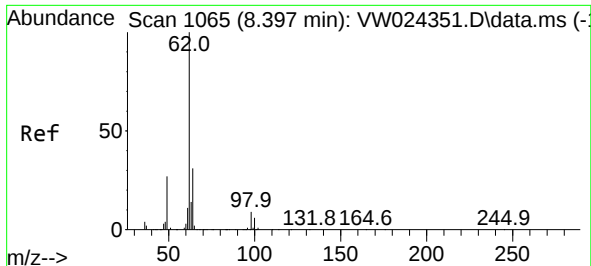
Tgt Ion:	128	Resp:	30762
Ion	Ratio	Lower	Upper
128	100		
49	173.6	122.1	226.7
130	109.7	91.1	169.1
51	54.2	39.0	58.4



#25
Chloroform
Concen: 20.793 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion:	83	Resp:	118359
Ion	Ratio	Lower	Upper
83	100		
85	59.9	47.5	88.1





#27

1,2-Dichloroethane

Concen: 22.119 ug/L

RT: 8.396 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

Instrument :

MSVOA_W

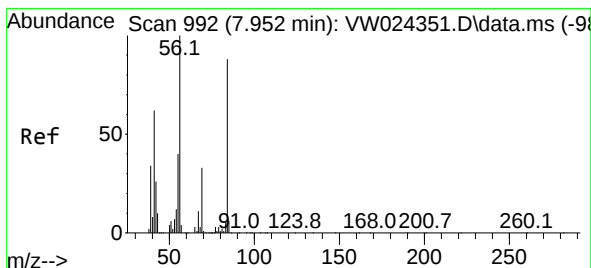
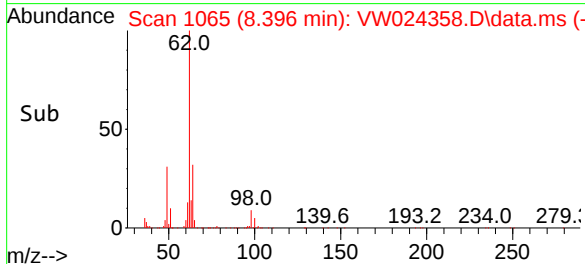
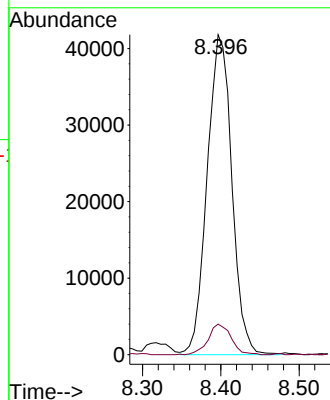
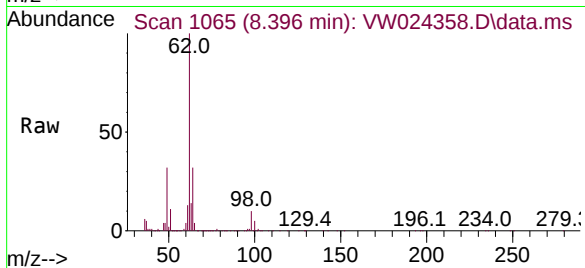
ClientSampleId :

Tgt Ion: 62 Resp: 91646

Ion Ratio Lower Upper

62 100

98 9.6 6.7 10.1



#29

Cyclohexane

Concen: 20.081 ug/L

RT: 7.951 min Scan# 992

Delta R.T. -0.000 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

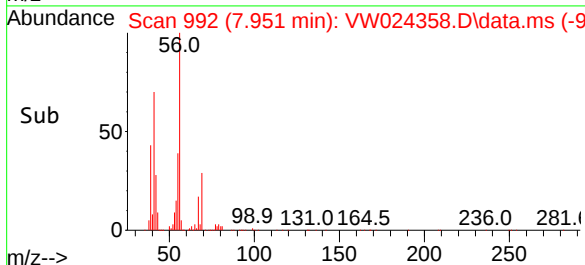
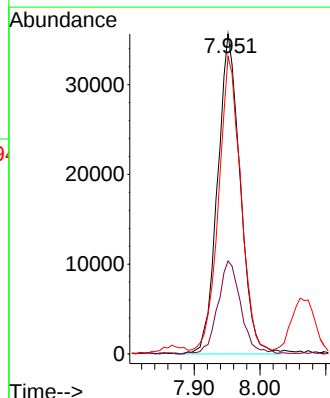
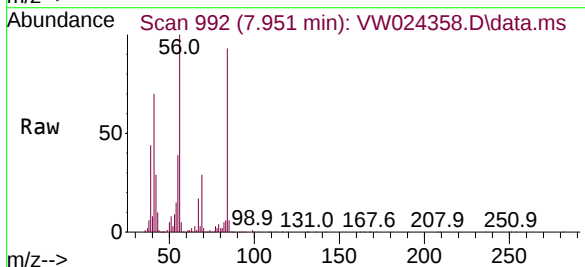
Tgt Ion: 56 Resp: 85497

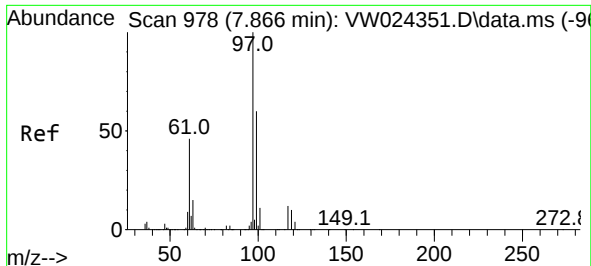
Ion Ratio Lower Upper

56 100

69 28.9 23.5 35.3

84 92.1 72.2 108.4

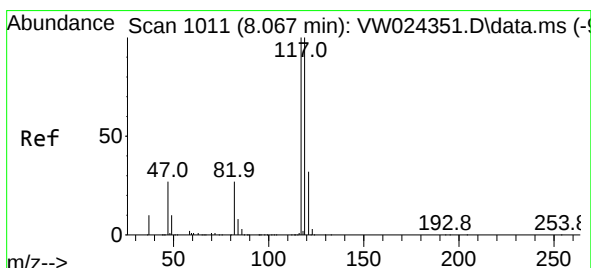
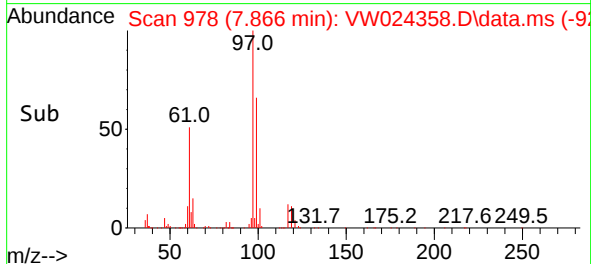
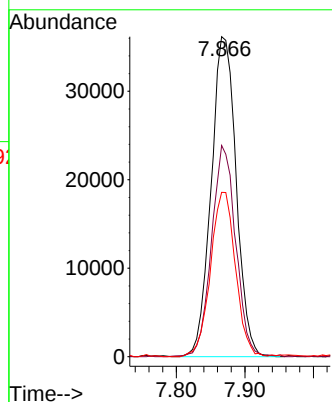
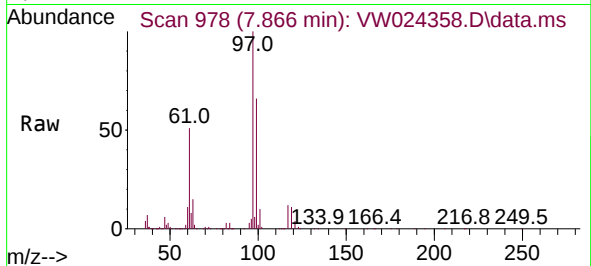




#30
1,1,1-Trichloroethane
Concen: 19.697 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

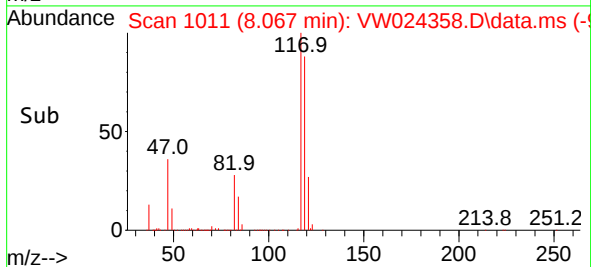
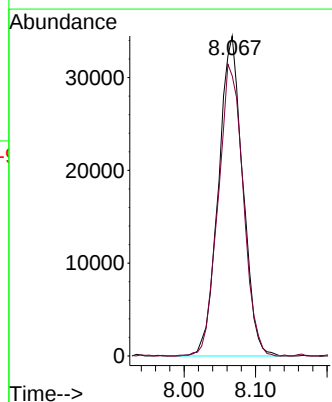
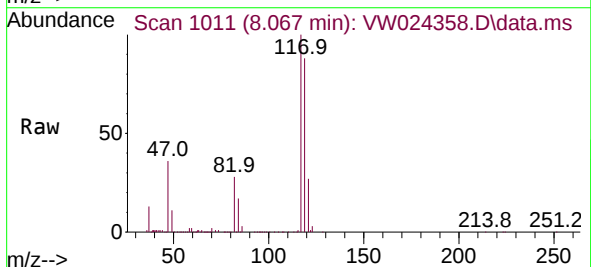
Instrument :
MSVOA_W
ClientSampleId :

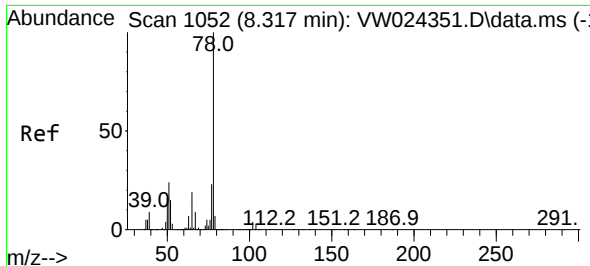
Tgt Ion: 97 Resp: 91709
Ion Ratio Lower Upper
97 100
99 63.6 50.2 75.2
61 51.2 40.2 60.4



#31
Carbon tetrachloride
Concen: 19.081 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion: 117 Resp: 81275
Ion Ratio Lower Upper
117 100
119 93.7 75.9 113.9

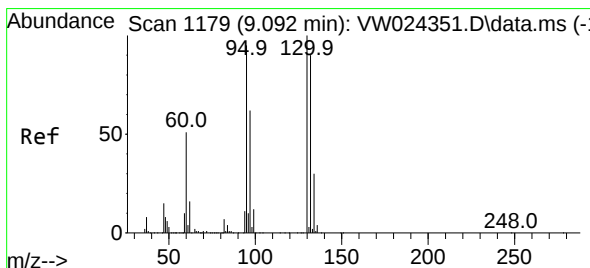
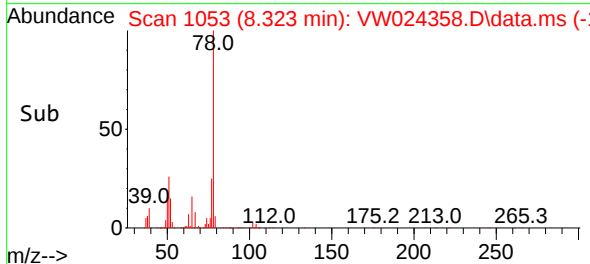
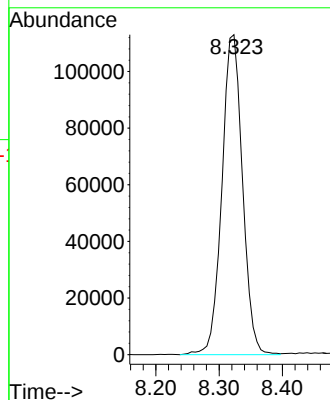
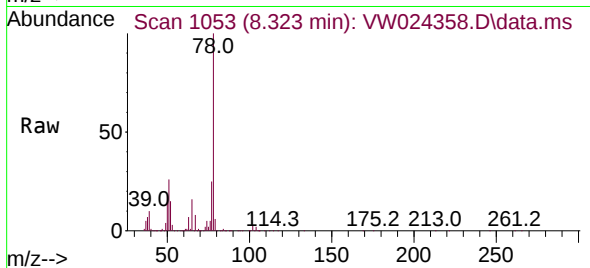




#33
Benzene
Concen: 20.738 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Instrument :
MSVOA_W
ClientSampleId :

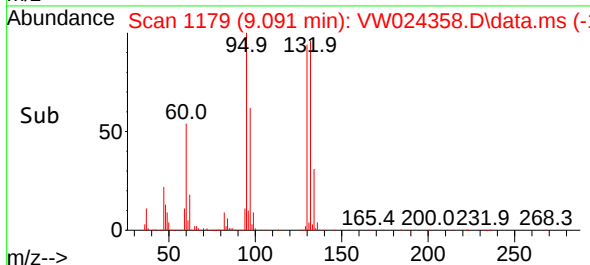
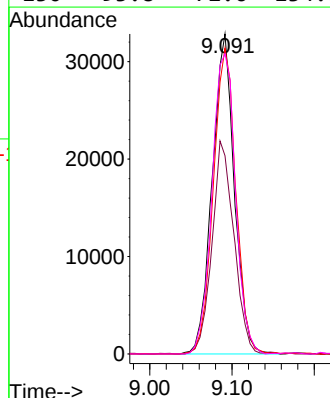
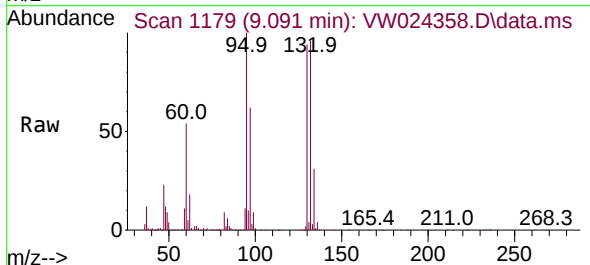
Tgt Ion: 78 Resp: 254993

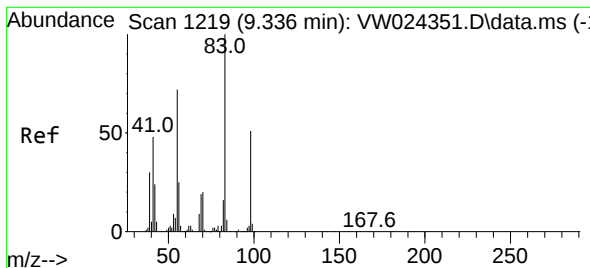


#34
Trichloroethene
Concen: 18.943 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion: 95 Resp: 61389

Ion	Ratio	Lower	Upper
95	100		
97	62.0	48.4	89.8
132	95.5	68.6	127.4
130	93.8	72.6	134.8

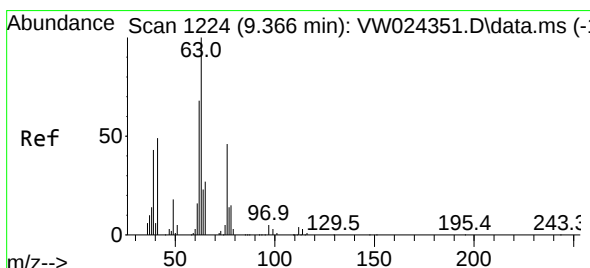
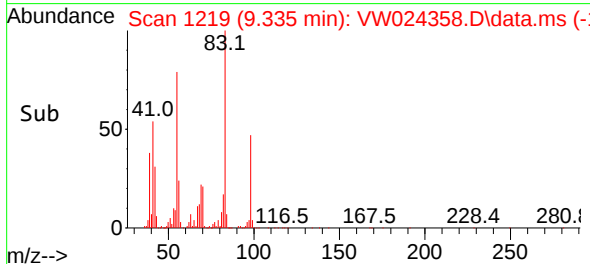
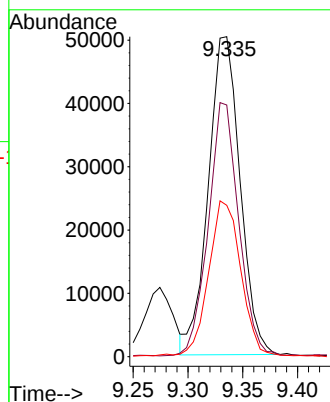
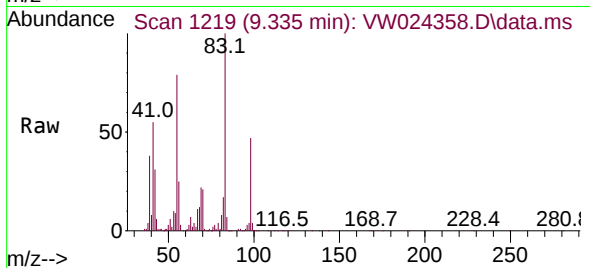




#35
Methylcyclohexane
Concen: 19.487 ug/L
RT: 9.335 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

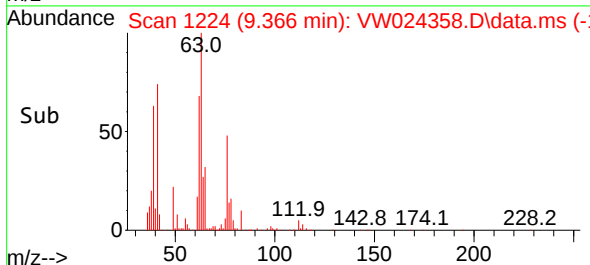
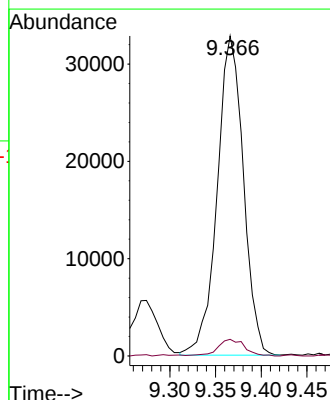
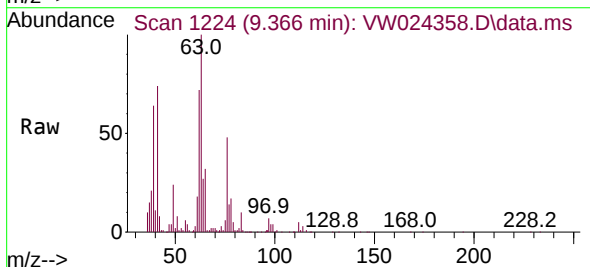
Instrument :
MSVOA_W
ClientSampleId :

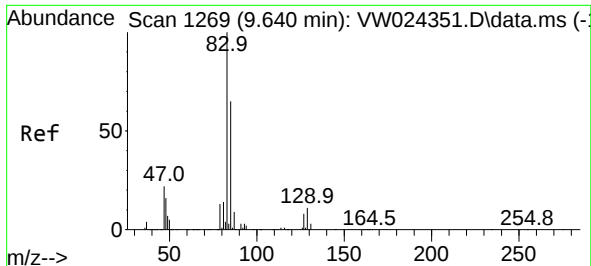
Tgt Ion: 83 Resp: 101323
Ion Ratio Lower Upper
83 100
55 76.5 60.1 90.1
98 49.8 40.5 60.7



#37
1,2-Dichloropropane
Concen: 20.658 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion: 63 Resp: 65551
Ion Ratio Lower Upper
63 100
112 5.3 3.4 5.0#

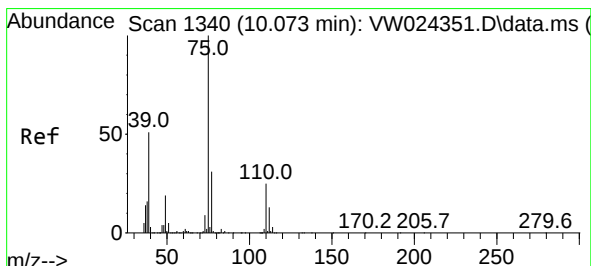
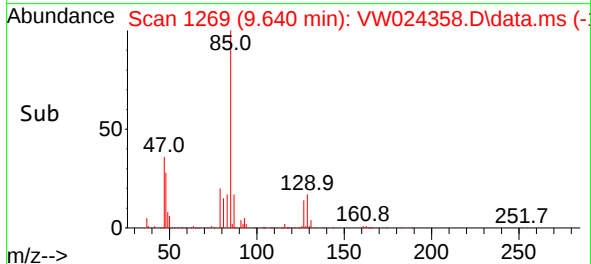
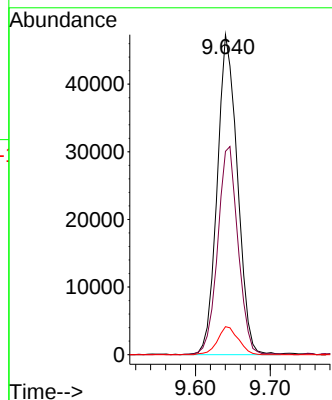
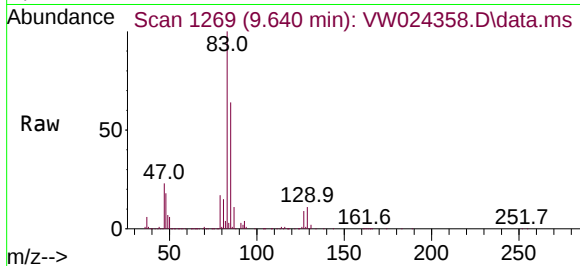




#38
Bromodichloromethane
Concen: 20.648 ug/L
RT: 9.640 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

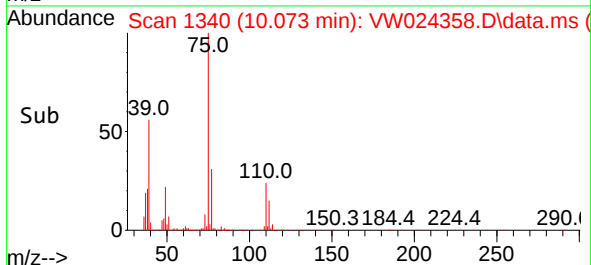
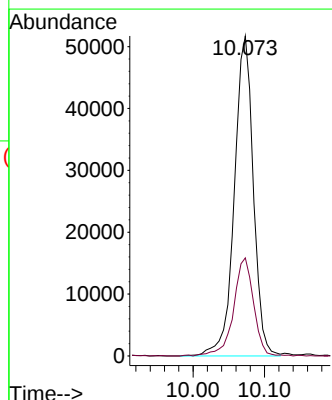
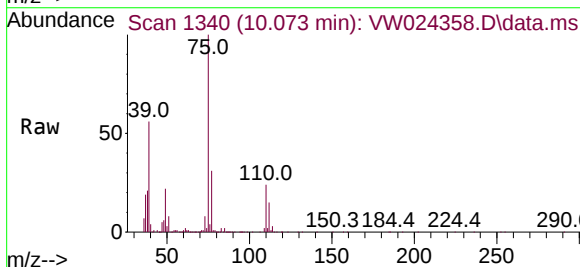
Instrument :
MSVOA_W
ClientSampleId :

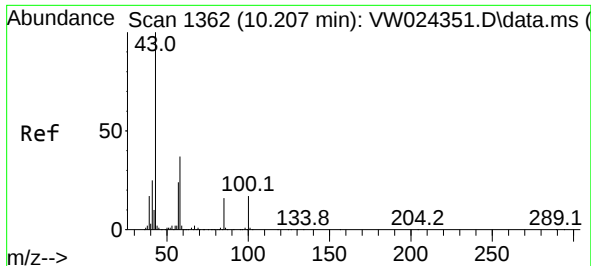
Tgt Ion: 83 Resp: 89225
Ion Ratio Lower Upper
83 100
85 63.5 46.3 85.9
127 8.8 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 21.485 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion: 75 Resp: 95298
Ion Ratio Lower Upper
75 100
77 30.6 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 50.438 ug/L

RT: 10.207 min Scan# 11

Delta R.T. -0.000 min

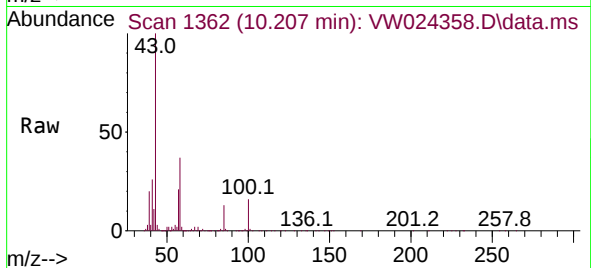
Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :



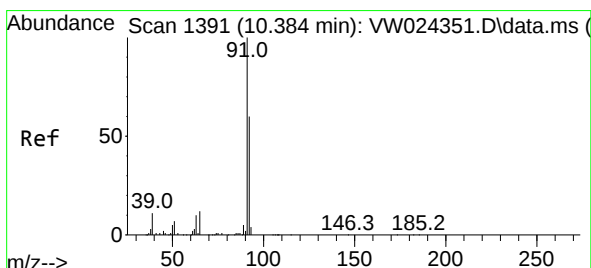
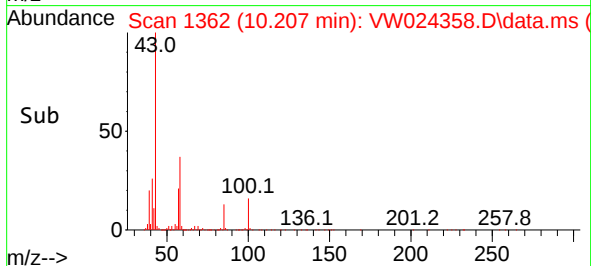
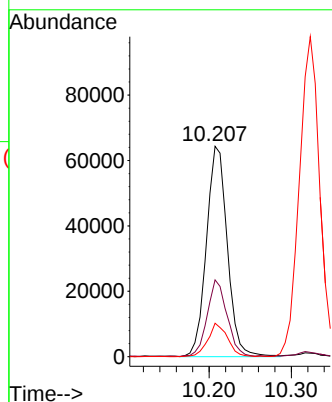
Tgt Ion: 43 Resp: 113806

Ion Ratio Lower Upper

43 100

58 34.8 29.4 44.2

100 14.9 11.8 17.8



#42

Toluene

Concen: 22.715 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VW024358.D

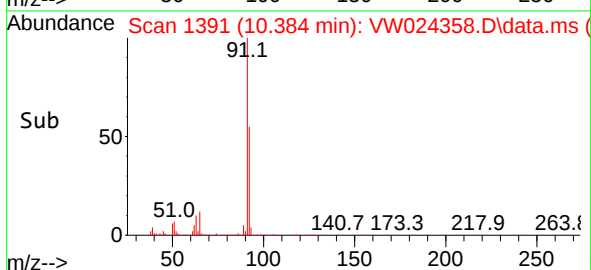
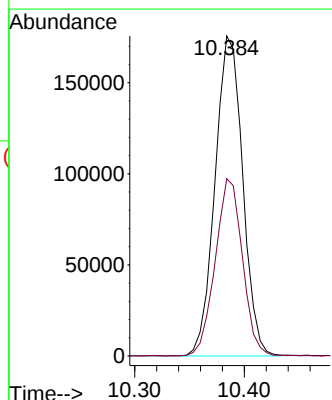
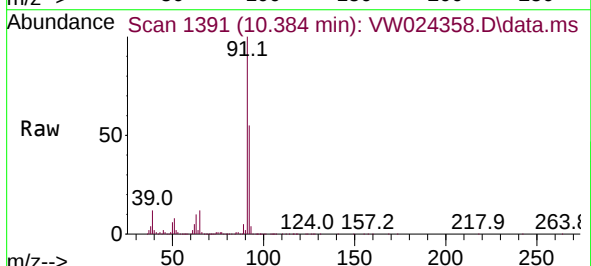
Acq: 26 Aug 2022 18:40

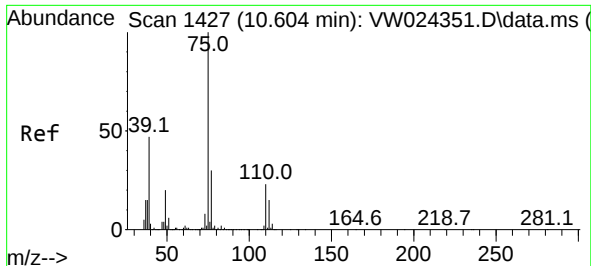
Tgt Ion: 91 Resp: 308224

Ion Ratio Lower Upper

91 100

92 55.4 40.0 74.4

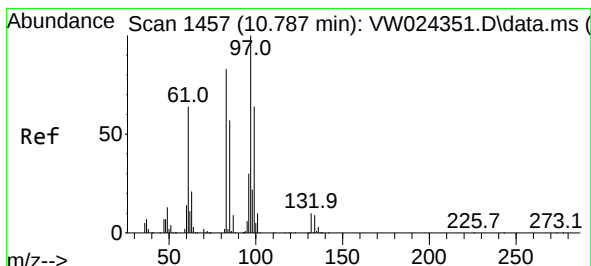
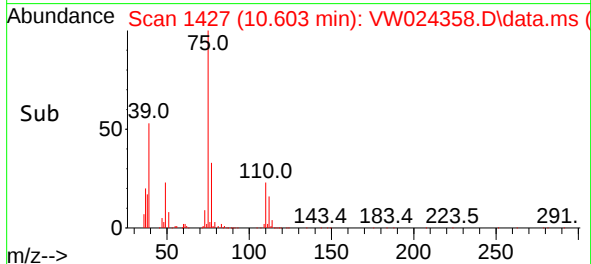
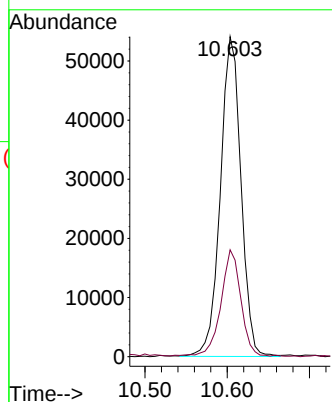
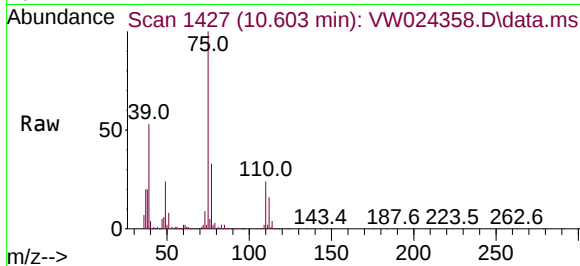




#44
trans-1,3-Dichloropropene
Concen: 21.902 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

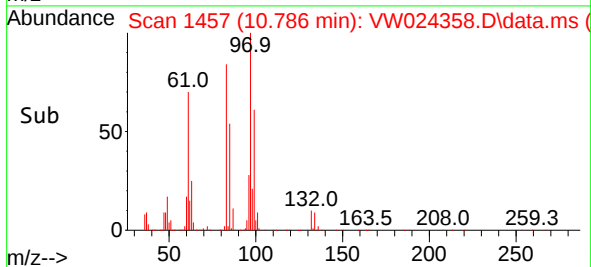
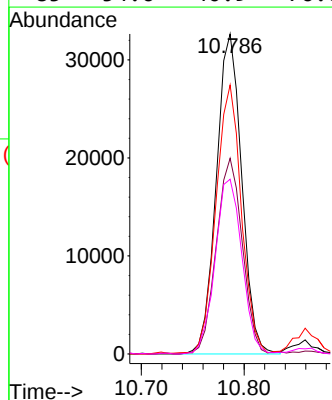
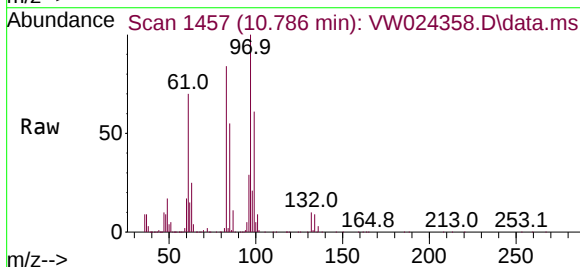
Instrument :
MSVOA_W
ClientSampleId :

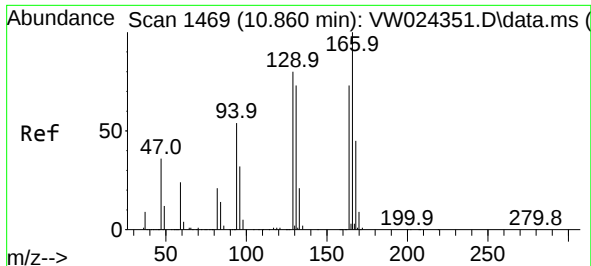
Tgt Ion: 75 Resp: 94399
Ion Ratio Lower Upper
75 100
77 33.4 21.1 39.1



#45
1,1,2-Trichloroethane
Concen: 21.638 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

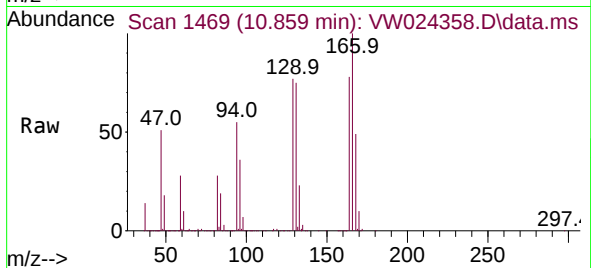
Tgt Ion: 97 Resp: 55991
Ion Ratio Lower Upper
97 100
99 61.1 40.4 75.0
83 84.1 60.1 111.5
85 54.6 40.9 76.0



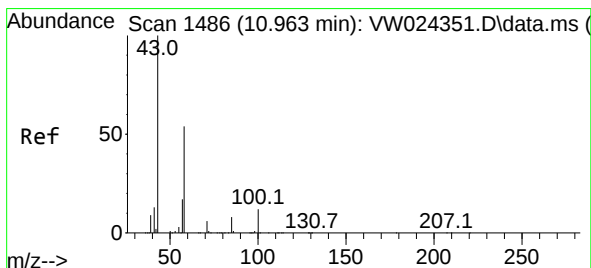
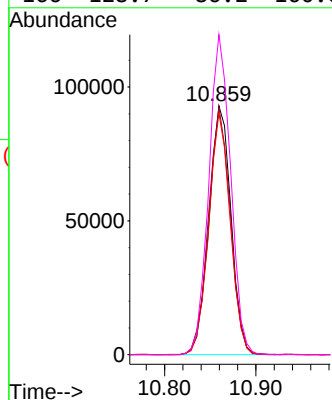
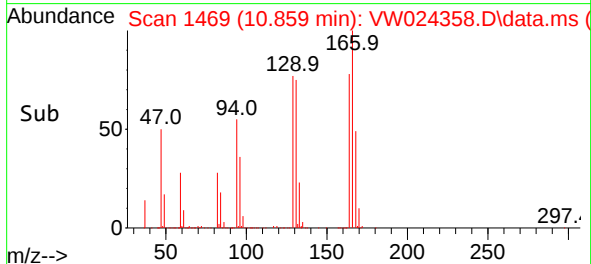


#46
Tetrachloroethene
Concen: 61.970 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

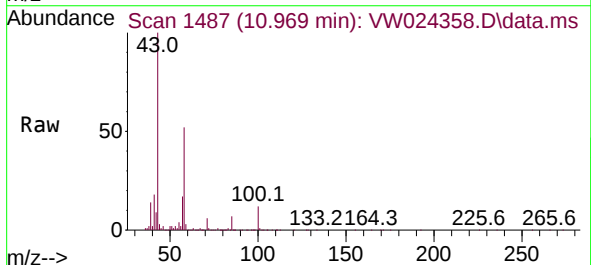
Instrument :
MSVOA_W
ClientSampleId :



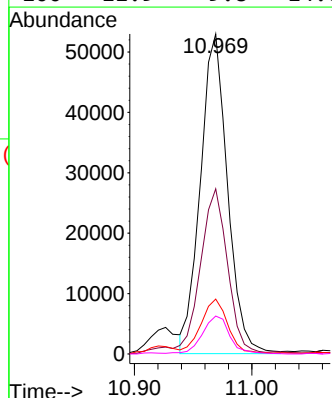
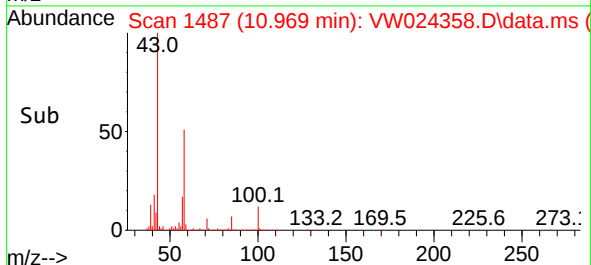
Tgt Ion:164 Resp: 155968
Ion Ratio Lower Upper
164 100
129 99.6 72.9 135.3
131 97.1 63.7 118.3
166 128.7 86.2 160.0

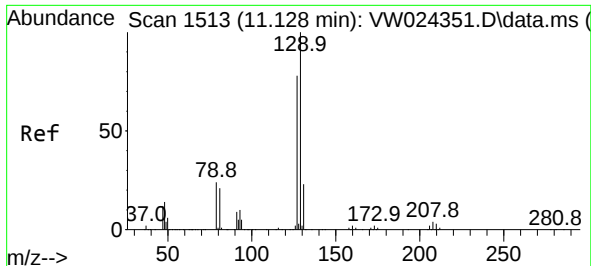


#48
2-Hexanone
Concen: 51.169 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40



Tgt Ion: 43 Resp: 85161
Ion Ratio Lower Upper
43 100
58 51.5 40.6 61.0
57 17.0 14.2 21.2
100 11.9 9.8 14.6





#49

Dibromochloromethane

Concen: 21.495 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

Instrument :

MSVOA_W

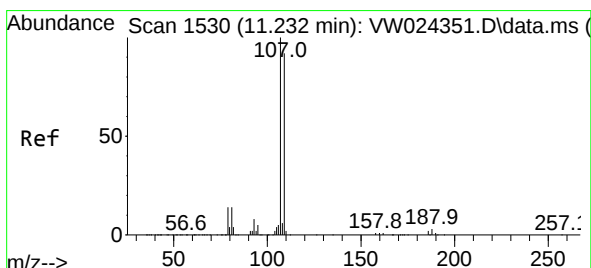
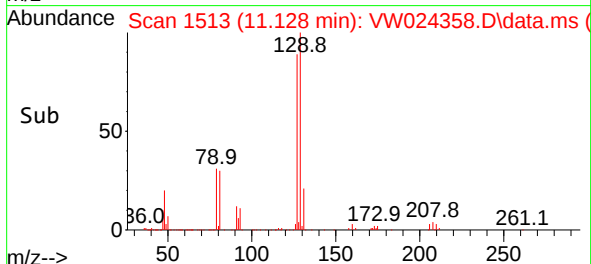
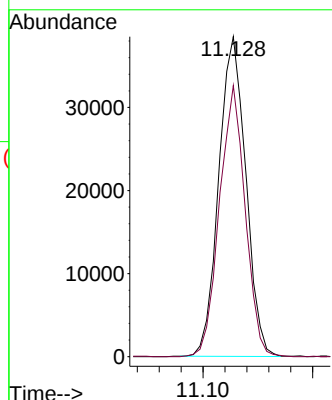
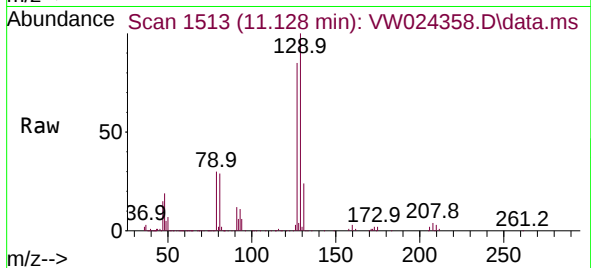
ClientSampleId :

Tgt Ion:129 Resp: 65786

Ion Ratio Lower Upper

129 100

127 84.7 54.6 101.4



#50

1,2-Dibromoethane

Concen: 21.953 ug/L

RT: 11.231 min Scan# 1530

Delta R.T. -0.000 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

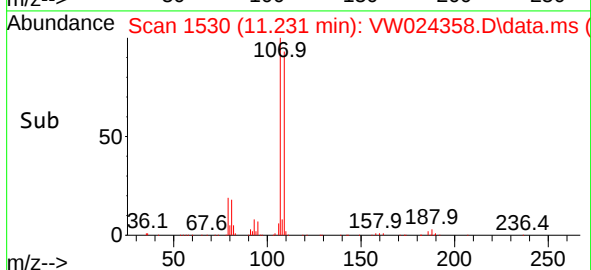
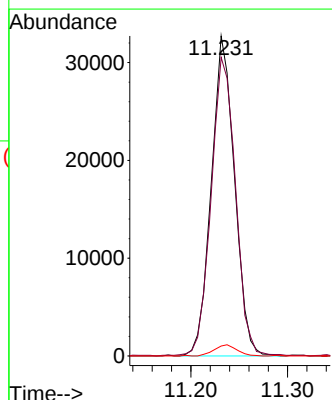
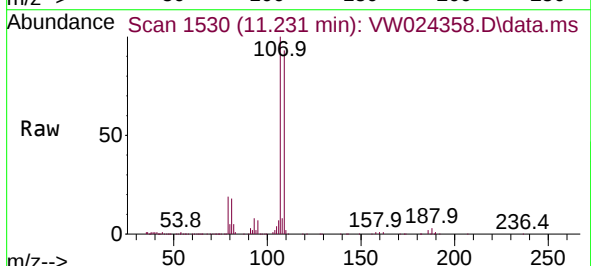
Tgt Ion:107 Resp: 54612

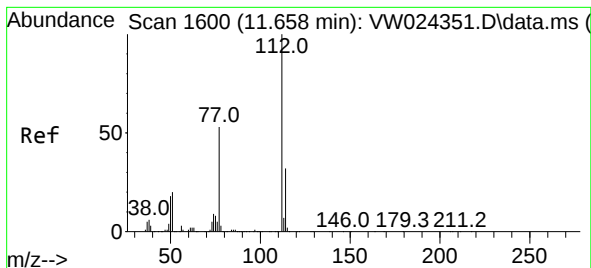
Ion Ratio Lower Upper

107 100

109 93.3 70.1 130.1

188 3.1 2.6 3.8





#51

Chlorobenzene

Concen: 21.226 ug/L

RT: 11.658 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

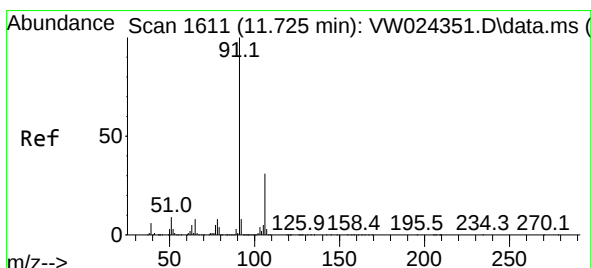
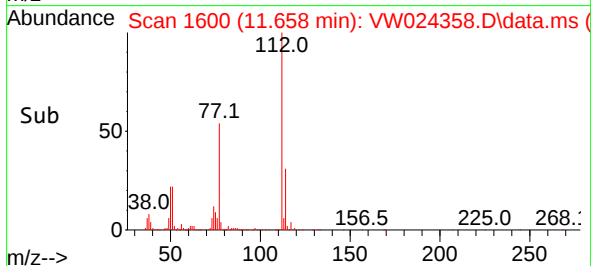
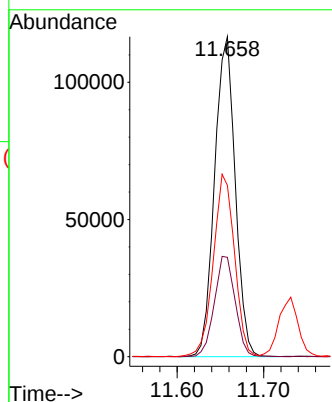
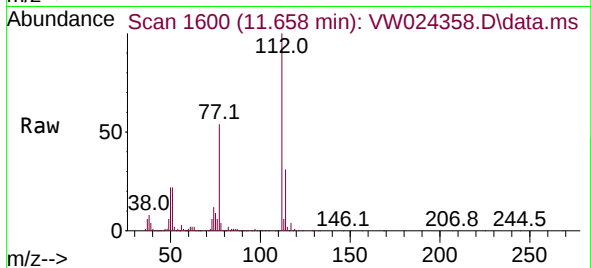
Tgt Ion:112 Resp: 193320

Ion Ratio Lower Upper

112 100

114 31.1 22.3 41.3

77 53.5 44.1 66.1



#52

Ethylbenzene

Concen: 22.640 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.006 min

Lab File: VW024358.D

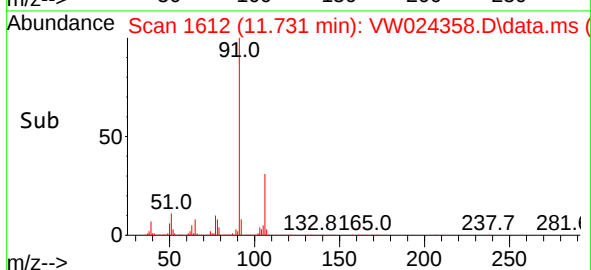
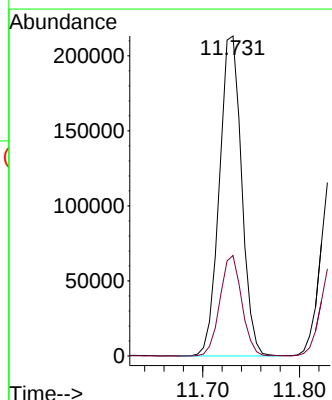
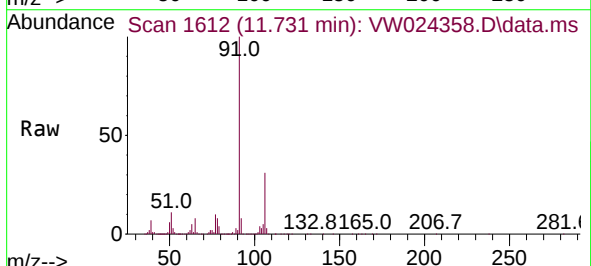
Acq: 26 Aug 2022 18:40

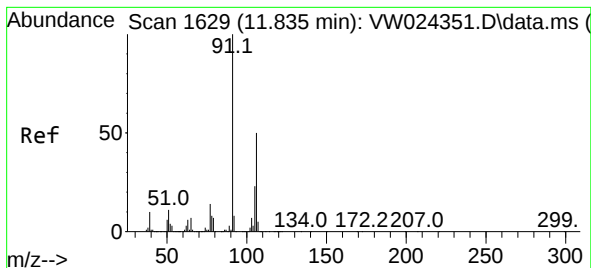
Tgt Ion: 91 Resp: 339653

Ion Ratio Lower Upper

91 100

106 31.4 22.7 42.3

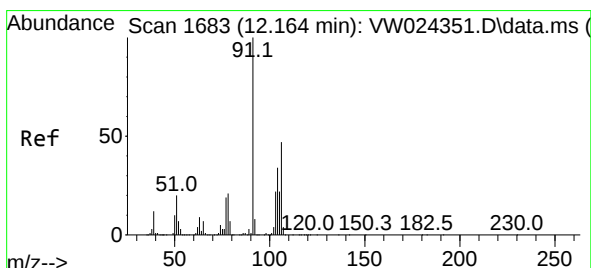
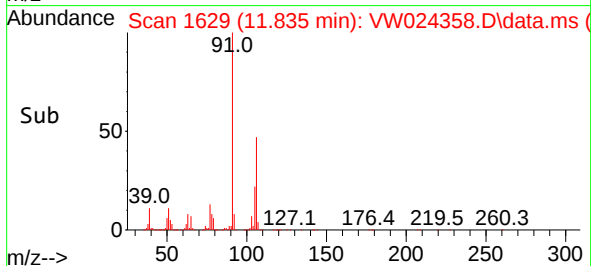
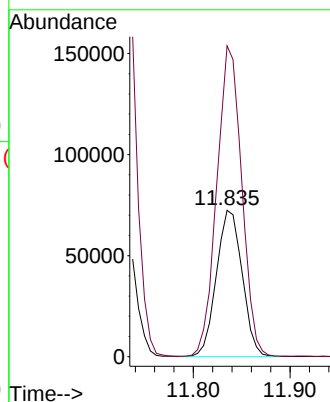
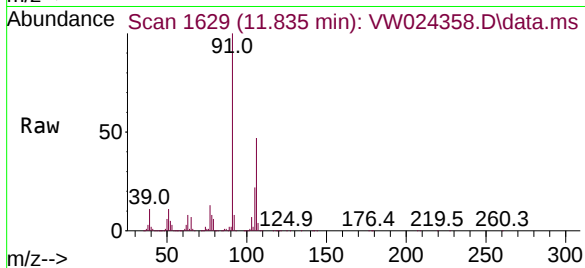




#53
m,p-Xylene
Concen: 22.776 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

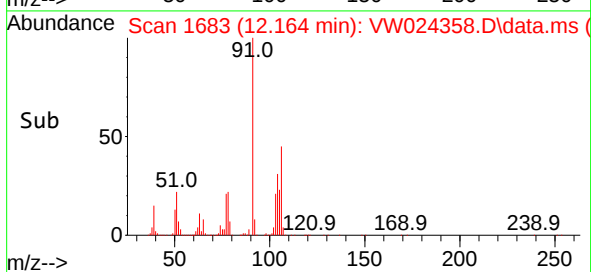
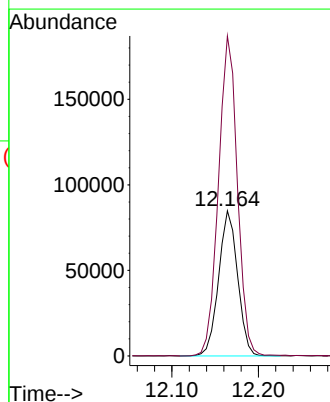
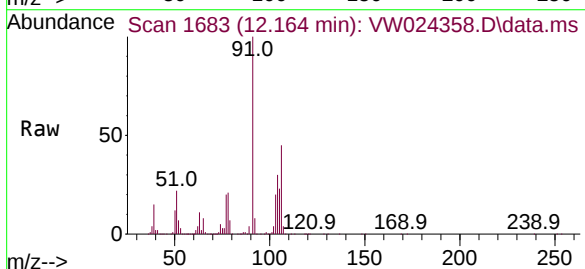
Instrument :
MSVOA_W
ClientSampleId :

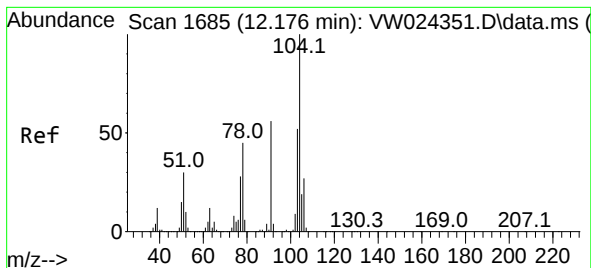
Tgt Ion:106 Resp: 134188
Ion Ratio Lower Upper
106 100
91 212.3 144.3 267.9



#54
o-Xylene
Concen: 23.485 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion:106 Resp: 129345
Ion Ratio Lower Upper
106 100
91 220.6 152.1 282.5





#55

Styrene

Concen: 25.814 ug/L

RT: 12.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

Instrument :

MSVOA_W

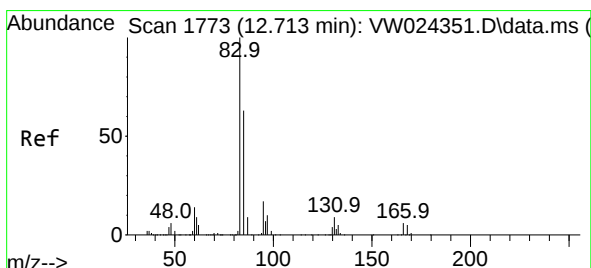
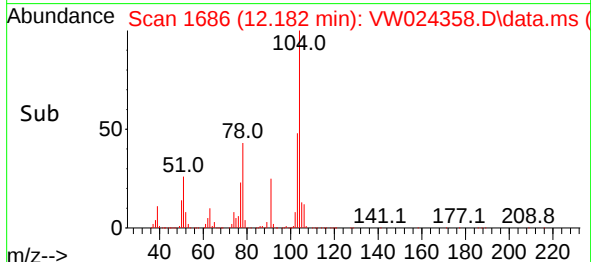
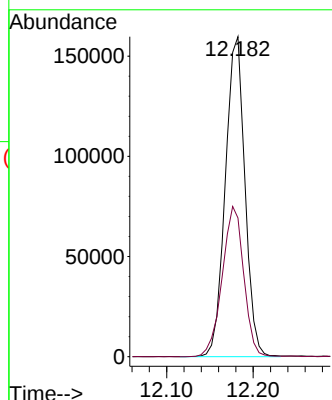
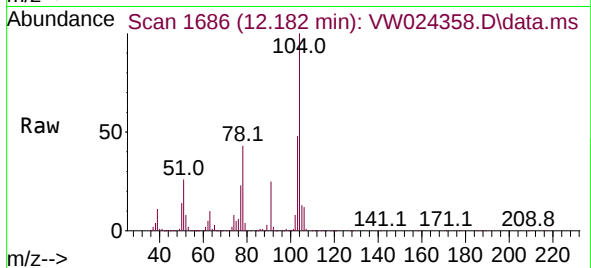
ClientSampleId :

Tgt Ion:104 Resp: 251315

Ion Ratio Lower Upper

104 100

78 43.4 32.0 59.4



#57

1,1,2,2-Tetrachloroethane

Concen: 23.716 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

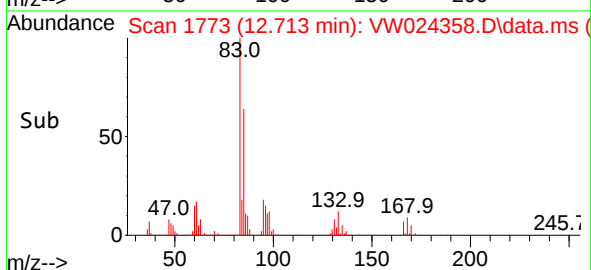
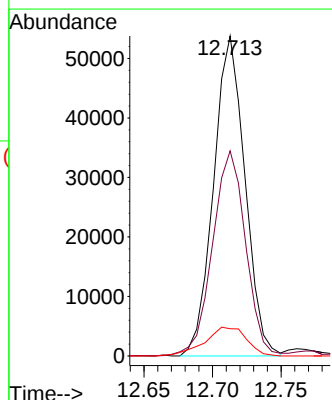
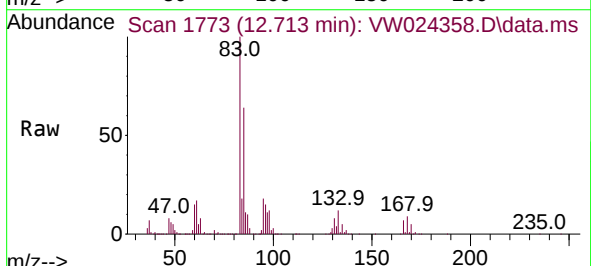
Tgt Ion: 83 Resp: 85655

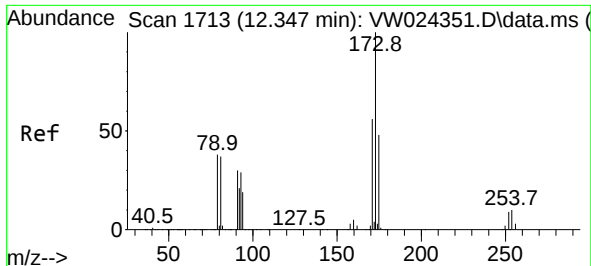
Ion Ratio Lower Upper

83 100

85 64.1 44.4 82.5

131 8.5 8.4 12.6

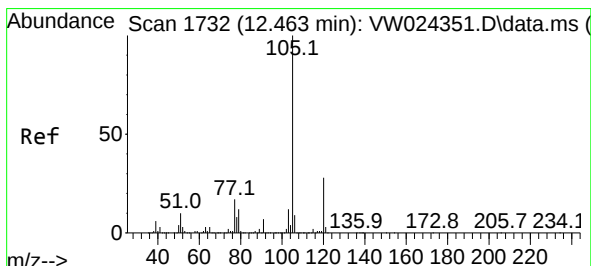
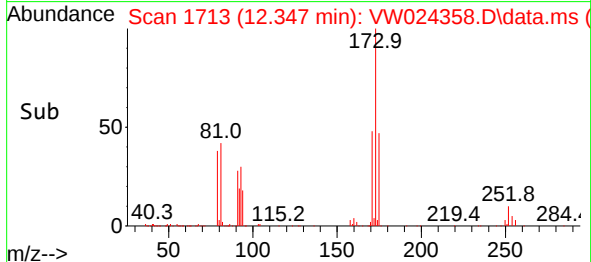
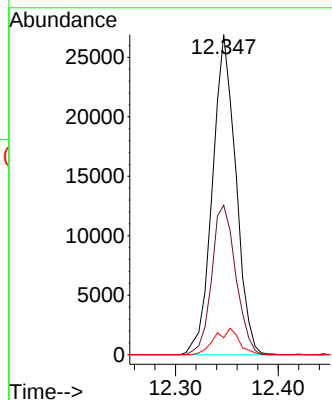
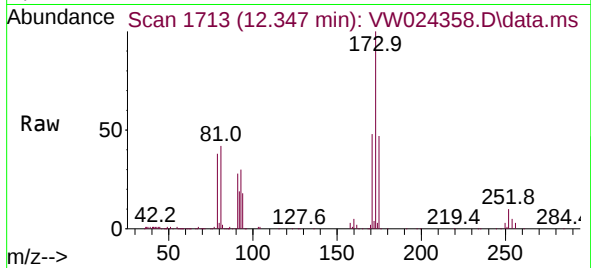




#59
Bromoform
Concen: 20.697 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

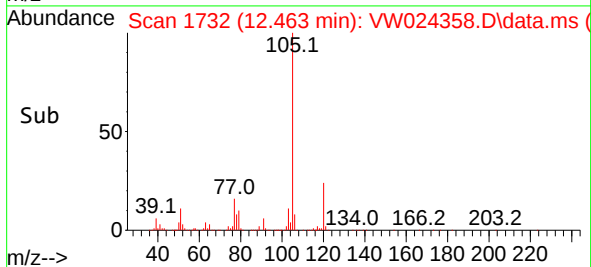
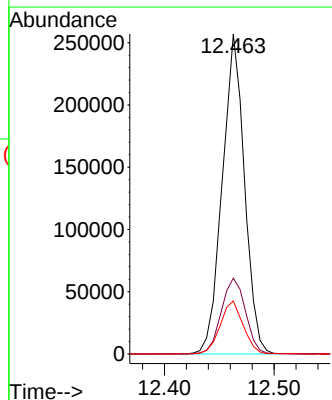
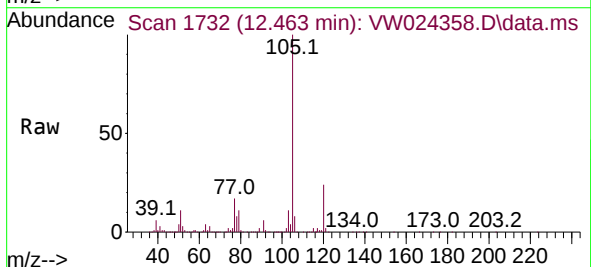
Instrument :
MSVOA_W
ClientSampleId :

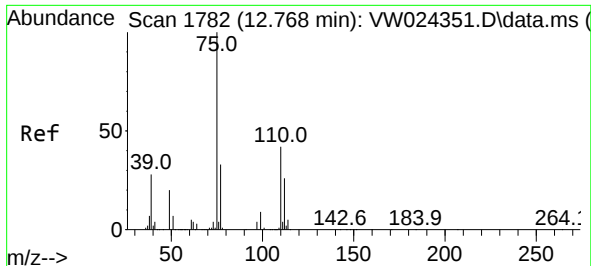
Tgt Ion:173 Resp: 42458
Ion Ratio Lower Upper
173 100
175 48.0 39.8 59.6
254 8.6 6.8 10.2



#60
Isopropylbenzene
Concen: 21.298 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion:105 Resp: 361597
Ion Ratio Lower Upper
105 100
120 25.8 21.4 32.0
77 17.1 13.0 19.6





#61

1,2,3-Trichloropropane

Concen: 21.166 ug/L

RT: 12.768 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW024358.D

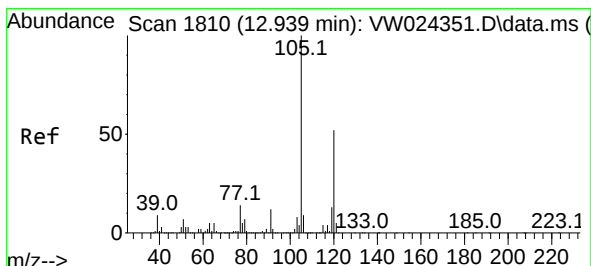
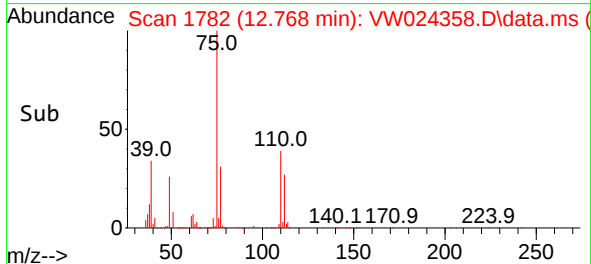
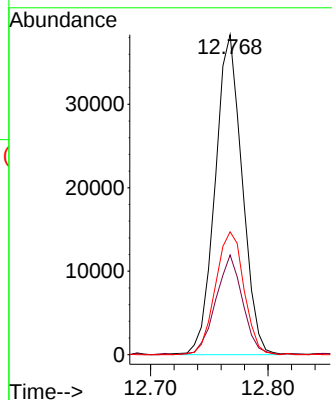
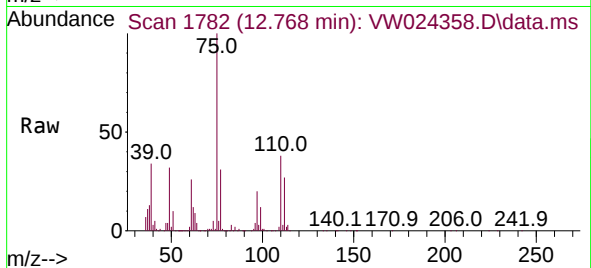
Acq: 26 Aug 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 61185
Ion Ratio	Lower Upper
75	100
77	31.0 26.5 39.7
110	40.5 33.8 50.8



#62

1,3,5-Trimethylbenzene

Concen: 21.474 ug/L

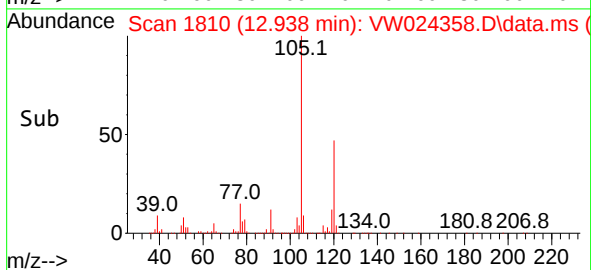
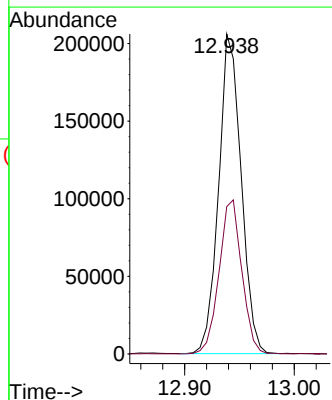
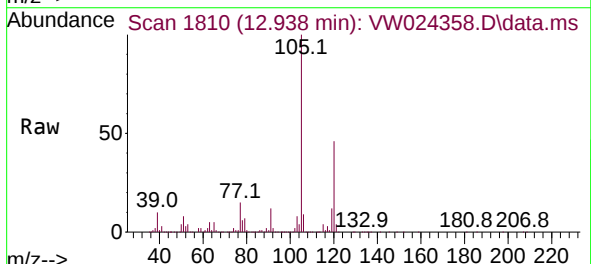
RT: 12.938 min Scan# 1810

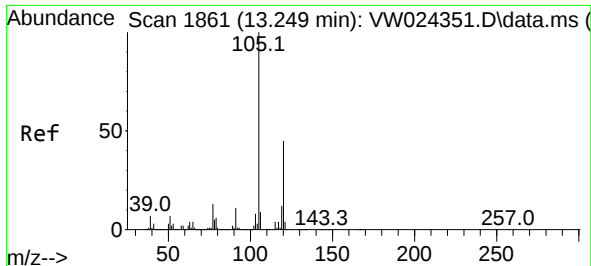
Delta R.T. -0.000 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

Tgt Ion: 105	Resp: 293980
Ion Ratio	Lower Upper
105	100
120	48.6 38.4 57.6

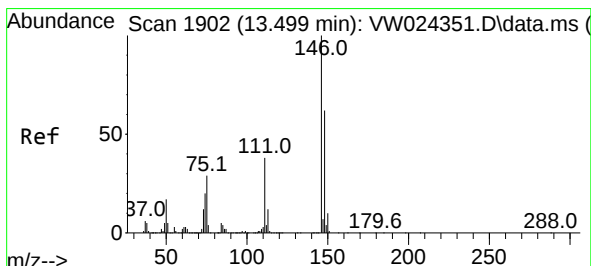
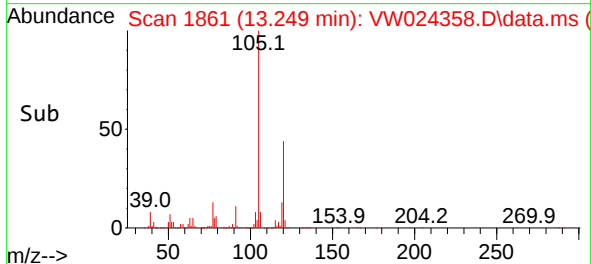
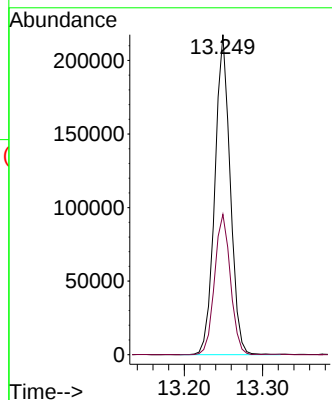
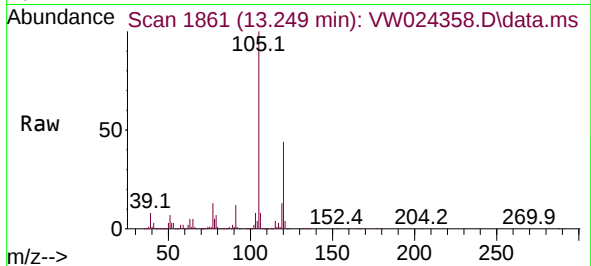




#63
1,2,4-Trimethylbenzene
Concen: 22.301 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

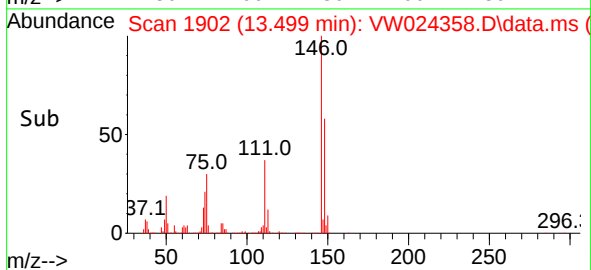
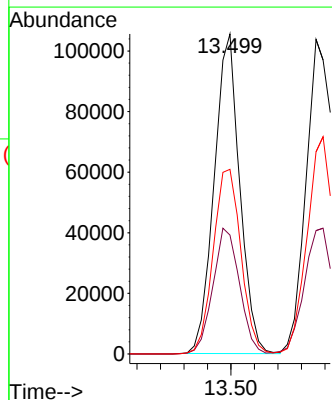
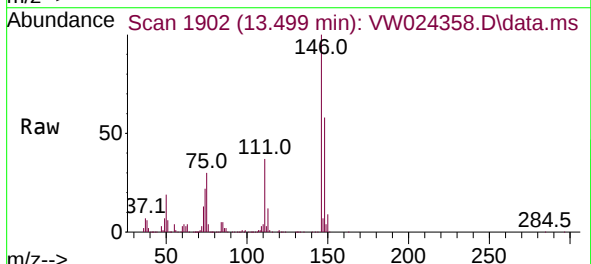
Instrument :
MSVOA_W
ClientSampleId :

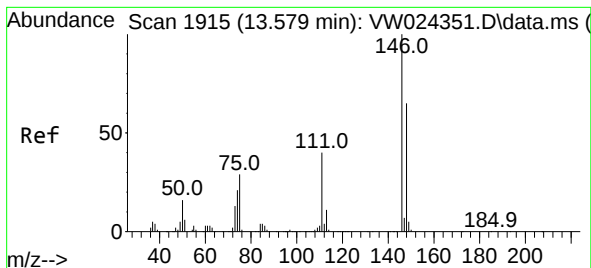
Tgt Ion:105 Resp: 296544
Ion Ratio Lower Upper
105 100
120 45.1 36.2 54.2



#64
1,3-Dichlorobenzene
Concen: 19.656 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion:146 Resp: 159555
Ion Ratio Lower Upper
146 100
111 37.1 27.0 50.2
148 57.7 44.9 83.3





#65

1,4-Dichlorobenzene

Concen: 19.781 ug/L

RT: 13.572 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

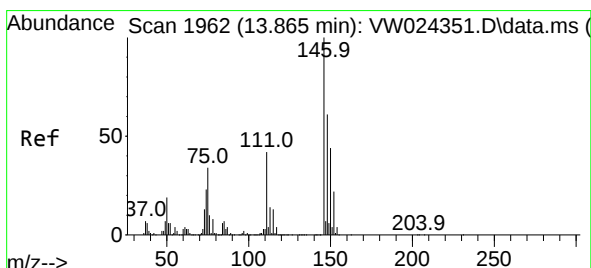
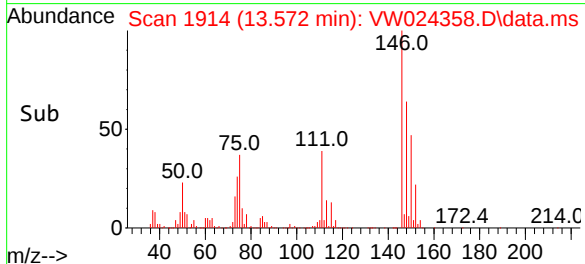
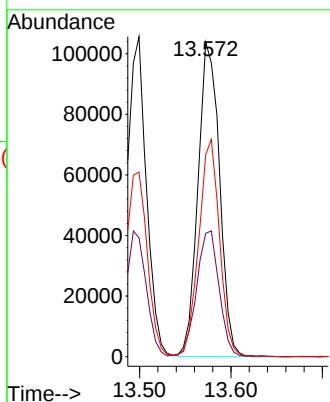
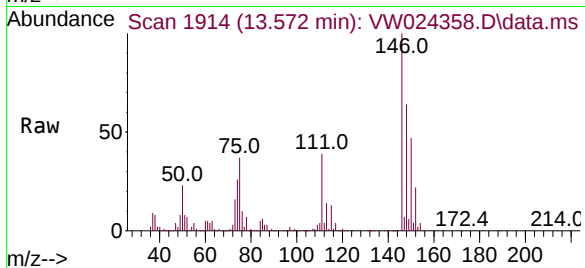
Tgt Ion:146 Resp: 169530

Ion Ratio Lower Upper

146 100

111 39.2 27.7 51.5

148 64.2 46.5 86.5



#67

1,2-Dichlorobenzene

Concen: 21.328 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

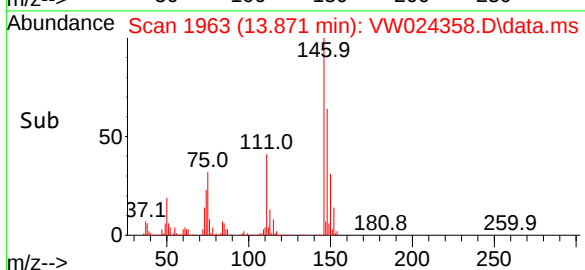
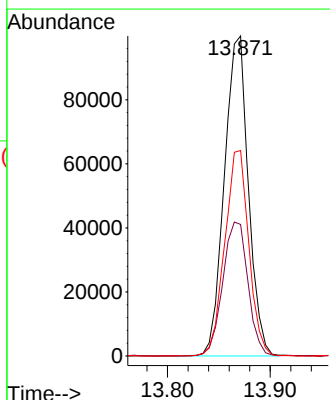
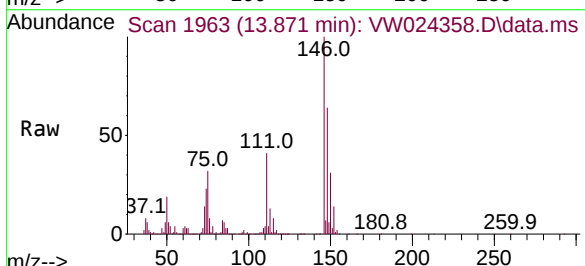
Tgt Ion:146 Resp: 162287

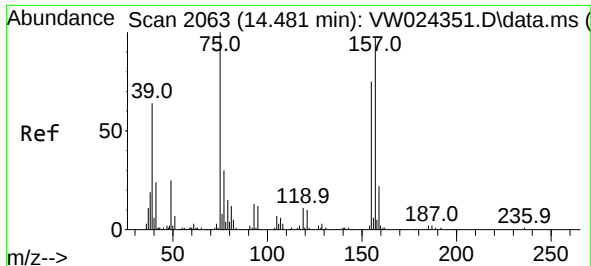
Ion Ratio Lower Upper

146 100

111 41.1 34.5 51.7

148 64.2 50.6 75.8

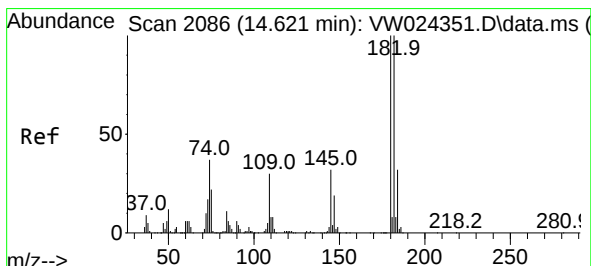
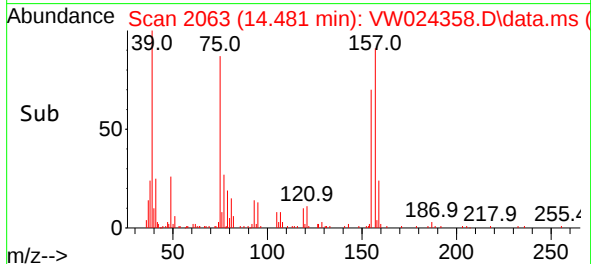
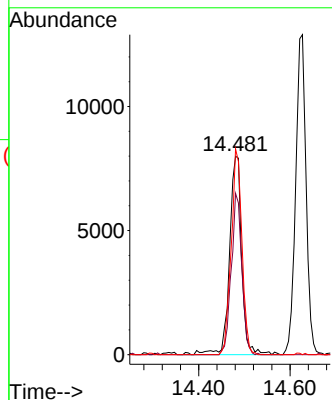
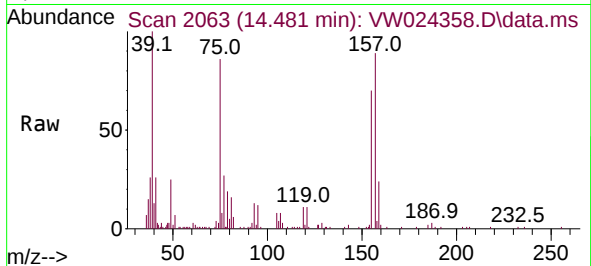




#68
1,2-Dibromo-3-chloropropane
Concen: 20.378 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

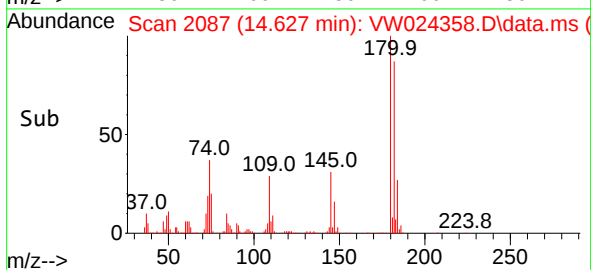
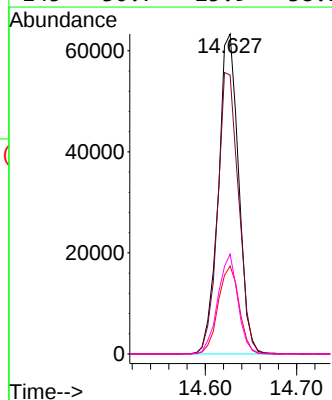
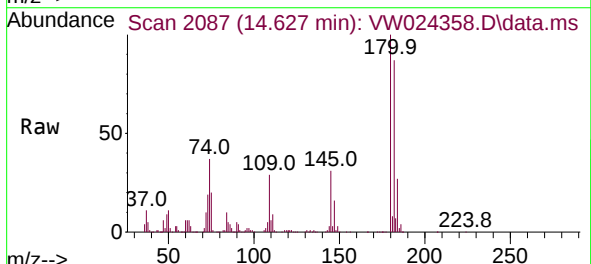
Instrument :
MSVOA_W
ClientSampleId :

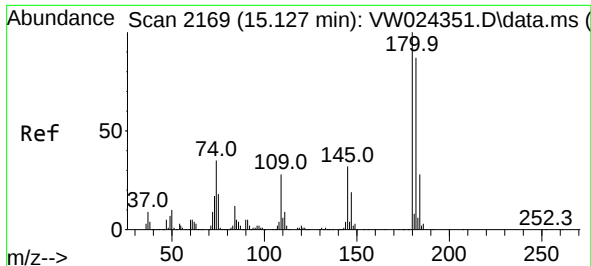
Tgt Ion:	75	Resp:	14800
Ion Ratio	Lower	Upper	
75	100		
155	81.2	63.9	95.9
157	103.7	72.2	108.4



#69
1,3,5-Trichlorobenzene
Concen: 18.648 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.006 min
Lab File: VW024358.D
Acq: 26 Aug 2022 18:40

Tgt Ion:	180	Resp:	97705
Ion Ratio	Lower	Upper	
180	100		
182	90.6	76.6	114.8
184	28.4	24.5	36.7
145	30.7	25.9	38.9





#70

1,2,4-trichlorobenzene

Concen: 19.091 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

Instrument :

MSVOA_W

ClientSampleId :

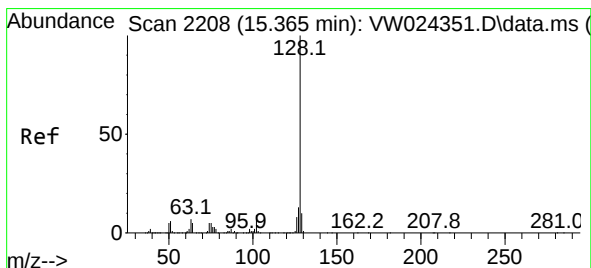
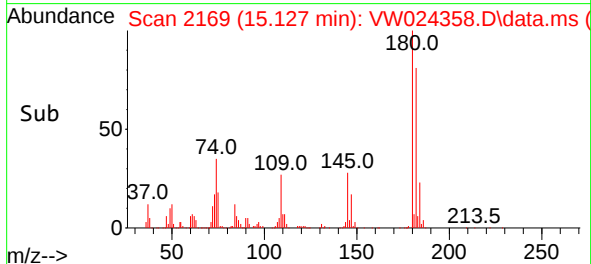
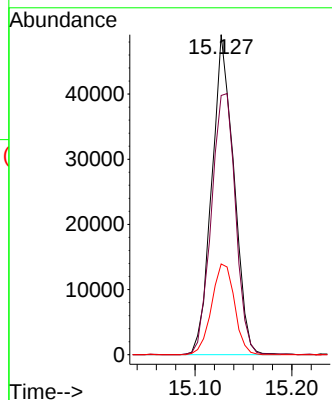
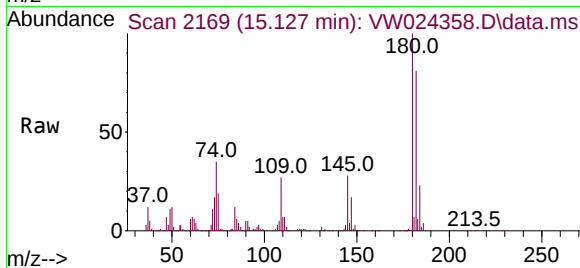
Tgt Ion:180 Resp: 77756

Ion Ratio Lower Upper

180 100

182 89.5 72.6 109.0

145 29.4 26.2 39.2



#71

Naphthalene

Concen: 20.051 ug/L

RT: 15.365 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VW024358.D

Acq: 26 Aug 2022 18:40

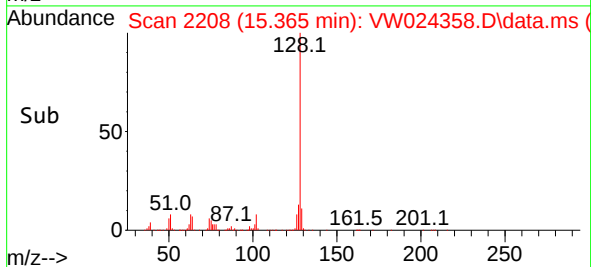
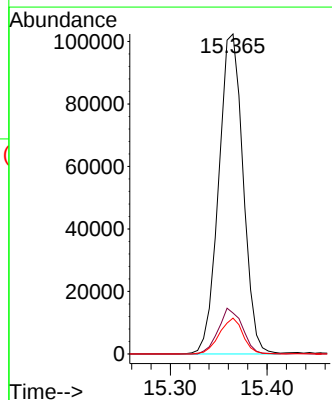
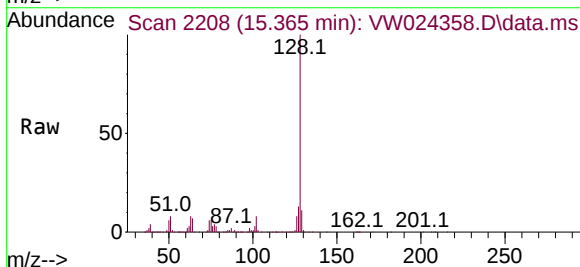
Tgt Ion:128 Resp: 179353

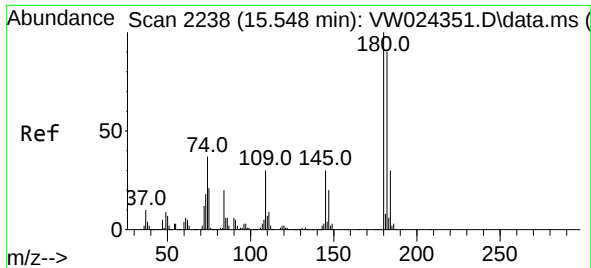
Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

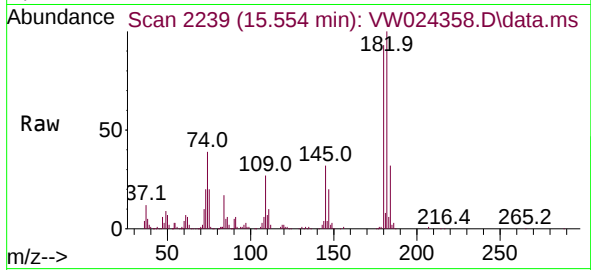
129 10.8 8.3 12.5





#72
 1,2,3-Trichlorobenzene
 Concen: 17.572 ug/L
 RT: 15.554 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW024358.D
 Acq: 26 Aug 2022 18:40

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.3	74.6	111.8
145	35.1	26.6	40.0

