

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027554.D
 Acq On : 06 Nov 2023 18:25
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:56:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:52:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	477197	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	430793	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	215076	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	189542	21.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.640%
7) Chloroethane-d5	2.899	69	131249	22.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.320%
11) 1,1-Dichloroethene-d2	4.021	65	82448	21.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.560%
21) 2-Butanone-d5	7.075	46	96461	51.713	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.420%
24) Chloroform-d	7.648	84	324756	23.326	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	8.307	65	169065	23.899	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	8.276	84	681270	23.654	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	9.276	67	210596	23.675	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.720%
41) Toluene-d8	10.325	98	608239	23.604	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	10.575	79	81136	23.795	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.200%
47) 2-Hexanone-d5	10.922	63	72961	53.875	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.760%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	153722	25.704	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	187224	22.902	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	116403	22.136	ug/L	99
3) Chloromethane	2.222	50	167293	23.728	ug/L	100
5) Vinyl chloride	2.375	62	186802	23.355	ug/L	98
6) Bromomethane	2.789	94	105204	23.853	ug/L	98
8) Chloroethane	2.936	64	106824	23.527	ug/L	99
9) Trichlorofluoromethane	3.271	101	133136	21.993	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	147889	23.582	ug/L	94
12) 1,1-Dichloroethene	4.045	96	146718	23.300	ug/L	96
13) Acetone	4.118	43	104711	52.974	ug/L	99
14) Carbon disulfide	4.387	76	497622	22.975	ug/L	99
16) Methylene chloride	4.917	84	169497	21.762	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	160360	24.045	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	249485	25.074	ug/L	99
19) 1,1-Dichloroethane	6.222	63	323619	24.374	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	175553	24.352	ug/L	99
22) 2-Butanone	7.167	43	130346	51.204	ug/L	100
23) Bromochloromethane	7.520	128	72207	24.090	ug/L	98
25) Chloroform	7.679	83	300421	24.371	ug/L	99
27) 1,2-Dichloroethane	8.398	62	199554	24.602	ug/L	98

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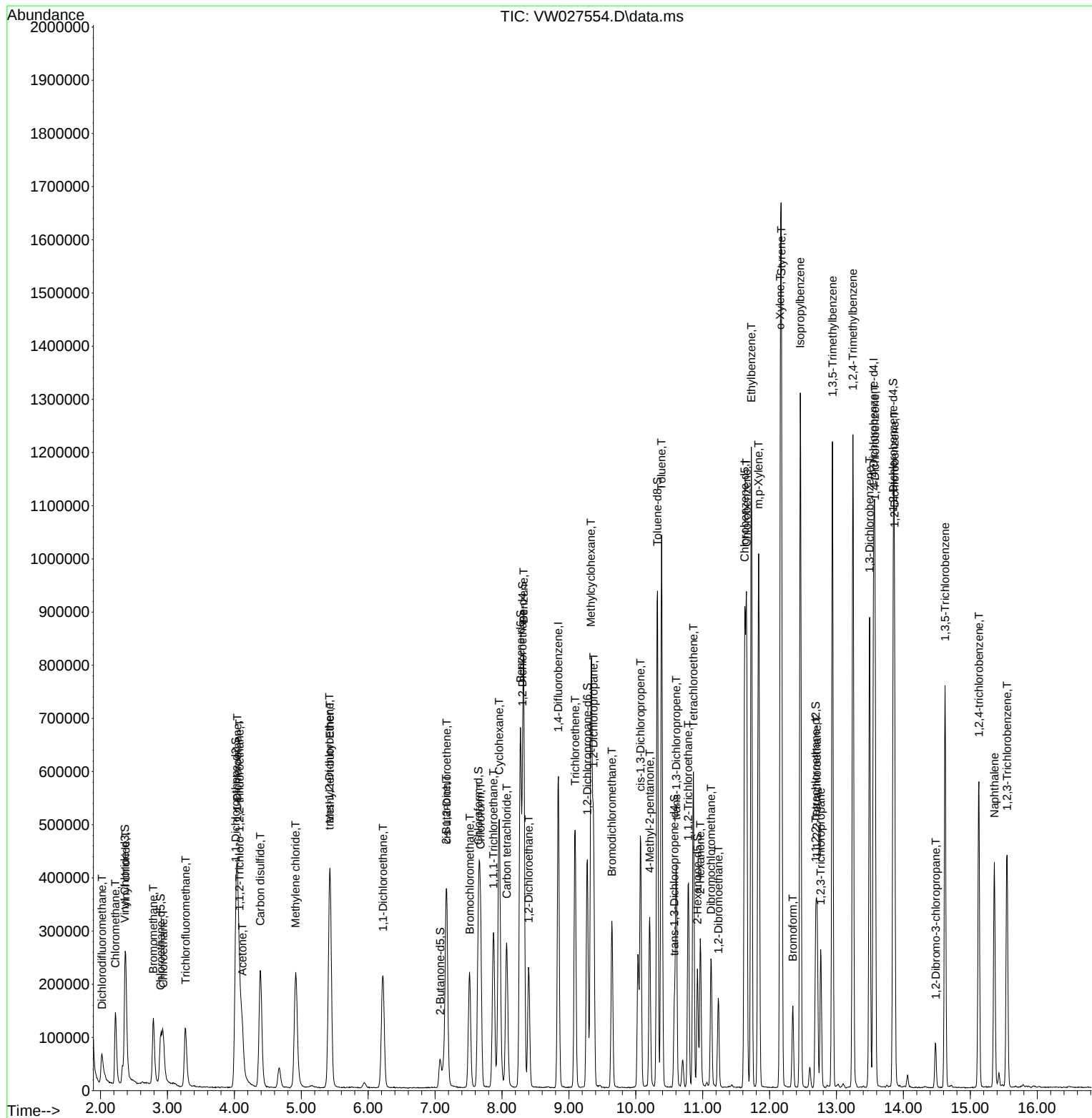
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	311770	23.891	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	240673	23.870	ug/L	100
31) Carbon tetrachloride	8.069	117	213964	24.245	ug/L	97
33) Benzene	8.325	78	692947	24.344	ug/L	100
34) Trichloroethene	9.093	95	177648	24.147	ug/L	98
35) Methylcyclohexane	9.331	83	320064	24.017	ug/L	99
37) 1,2-Dichloropropane	9.367	63	186423	24.908	ug/L	100
38) Bromodichloromethane	9.642	83	211837	24.884	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	283205	25.555	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	226927	54.299	ug/L	100
42) Toluene	10.386	91	725156	24.555	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	226446	25.468	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	121435	24.953	ug/L	96
46) Tetrachloroethene	10.861	164	128567	24.351	ug/L	88
48) 2-Hexanone	10.965	43	183926	55.306	ug/L	99
49) Dibromochloromethane	11.123	129	125962	25.602	ug/L	93
50) 1,2-Dibromoethane	11.233	107	115178	25.256	ug/L	96
51) Chlorobenzene	11.654	112	437547	24.073	ug/L	98
52) Ethylbenzene	11.727	91	832418	24.715	ug/L	99
53) m,p-Xylene	11.836	106	309464	24.919	ug/L	96
54) o-Xylene	12.160	106	294120	25.015	ug/L	99
55) Styrene	12.178	104	507445	25.468	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	150663	26.428	ug/L	99
59) Bromoform	12.349	173	64639	23.285	ug/L	98
60) Isopropylbenzene	12.458	105	817353	23.203	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	108467	24.448	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	632625	23.555	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	650530	23.668	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	331815	23.180	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	327512	22.839	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	297018	23.779	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.482	75	23122	23.480	ug/L	94
69) 1,3,5-Trichlorobenzene	14.623	180	214171	23.324	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	170687	22.878	ug/L	92
71) Naphthalene	15.360	128	342611	24.662	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	141583	22.818	ug/L	99

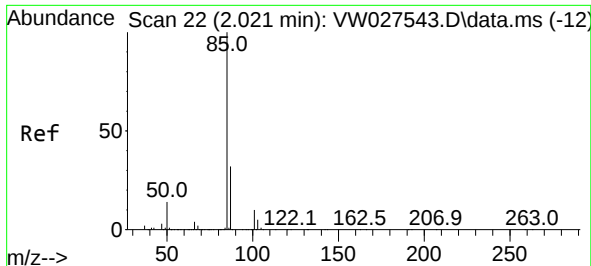
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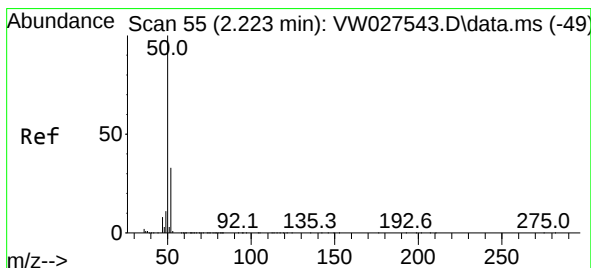
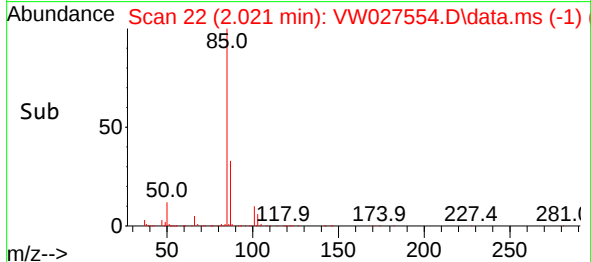
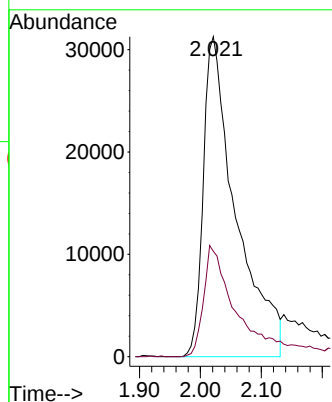
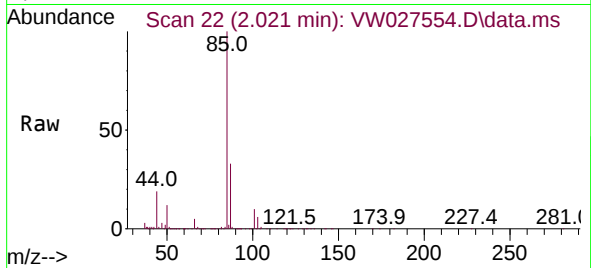




#2
Dichlorodifluoromethane
Concen: 22.136 ug/L
RT: 2.021 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

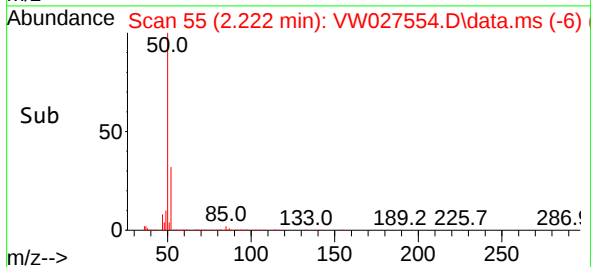
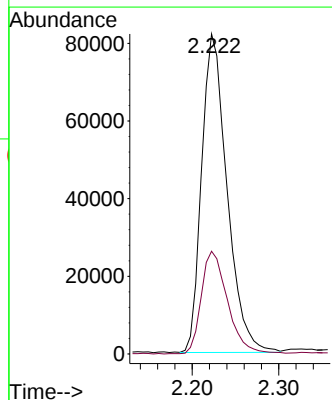
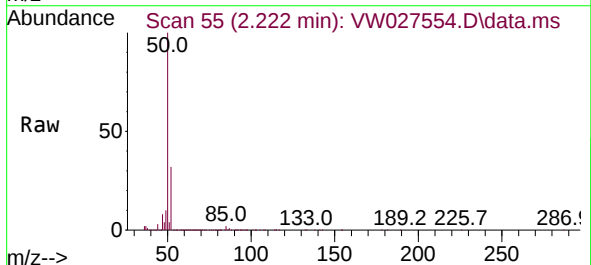
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MSVOA_W
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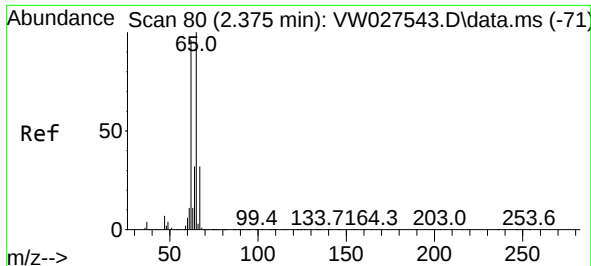
Tgt Ion: 85 Resp: 116403
Ion Ratio Lower Upper
85 100
87 31.2 24.5 36.7



#3
Chloromethane
Concen: 23.728 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion: 50 Resp: 167293
Ion Ratio Lower Upper
50 100
52 32.1 22.6 42.0

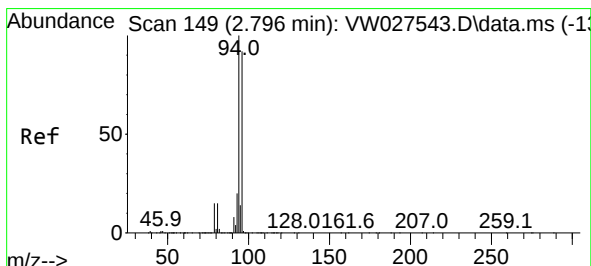
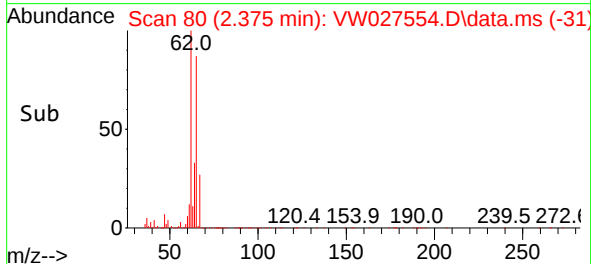
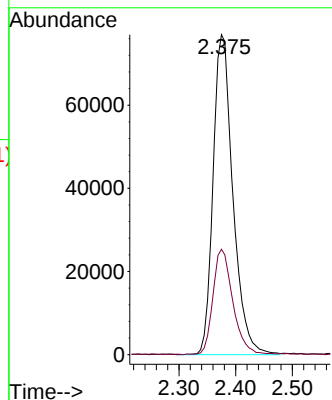
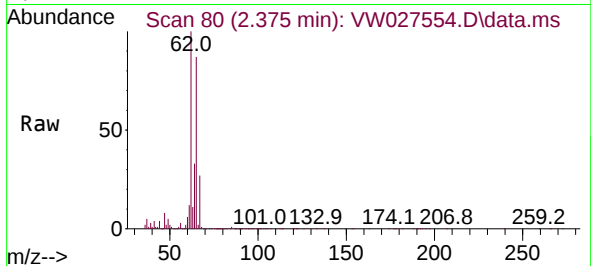




#5
 Vinyl chloride
 Concen: 23.355 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW027554.D
 Acq: 06 Nov 2023 18:25

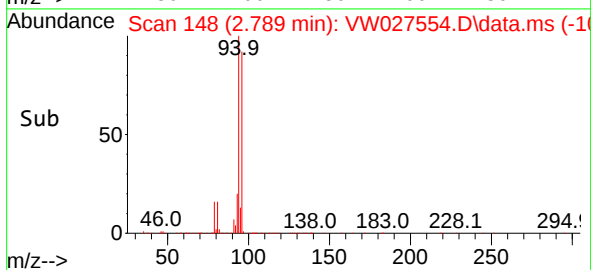
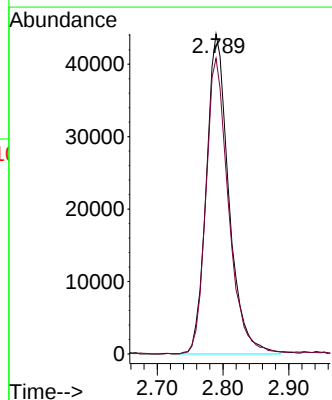
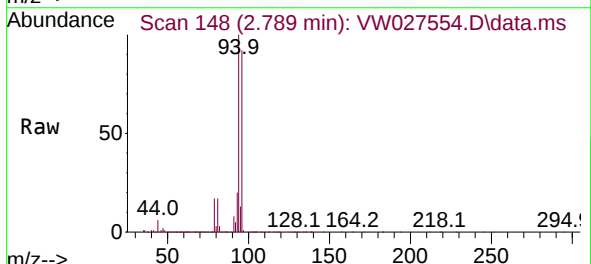
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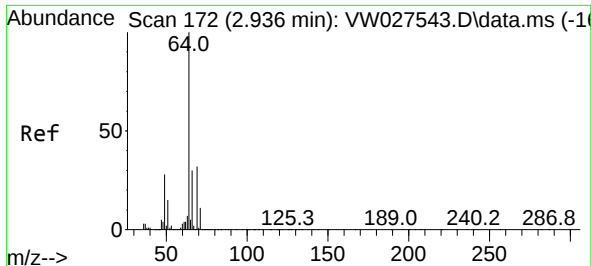
Tgt Ion: 62 Resp: 186802
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.9 44.3



#6
 Bromomethane
 Concen: 23.853 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW027554.D
 Acq: 06 Nov 2023 18:25

Tgt Ion: 94 Resp: 105204
 Ion Ratio Lower Upper
 94 100
 96 92.4 65.7 122.1

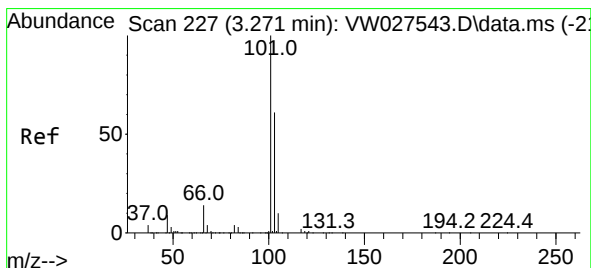
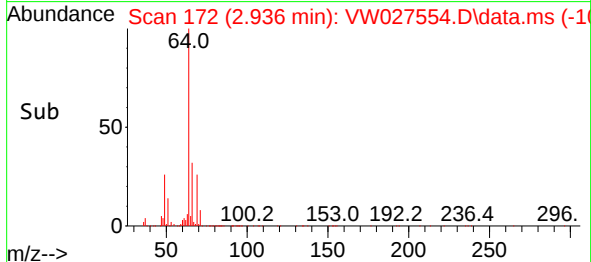
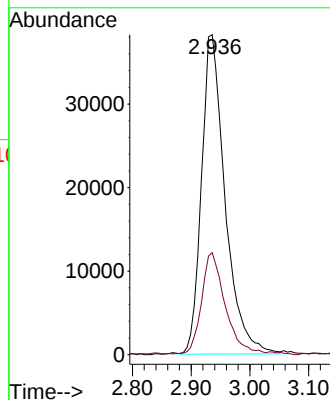
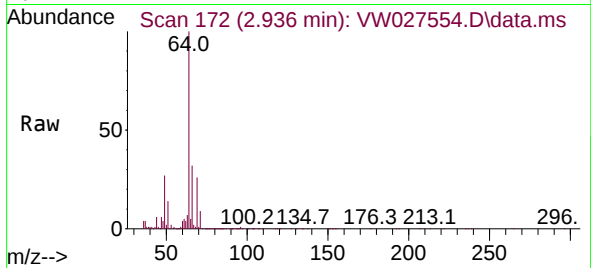




#8
Chloroethane
Concen: 23.527 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

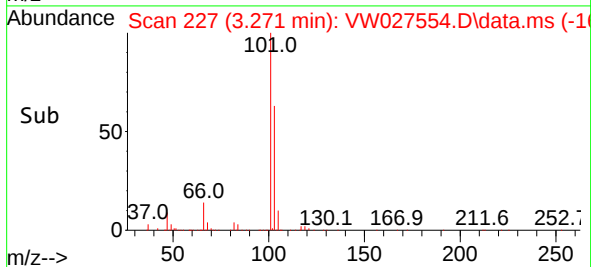
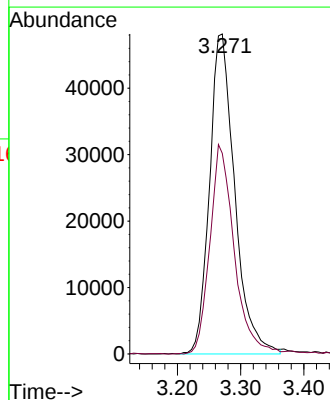
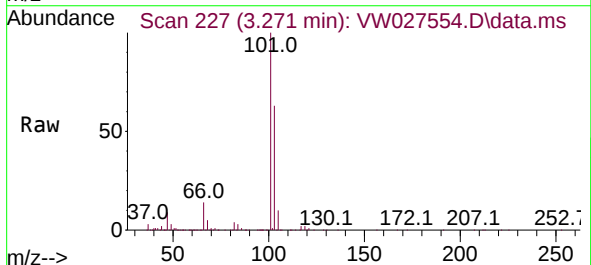
Instrument :
MSVOA_W
ClientSampleId :

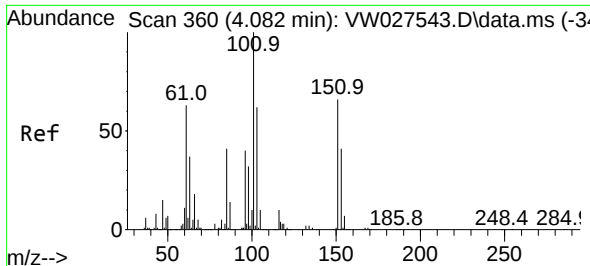
Tgt Ion: 64 Resp: 106824
Ion Ratio Lower Upper
64 100
66 31.9 21.8 40.6



#9
Trichlorofluoromethane
Concen: 21.993 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion: 101 Resp: 133136
Ion Ratio Lower Upper
101 100
103 63.1 52.6 78.8

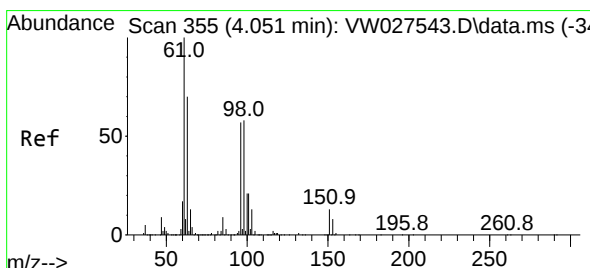
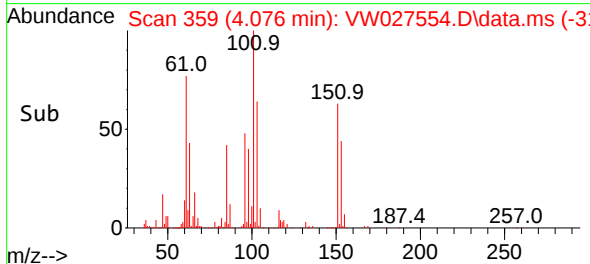
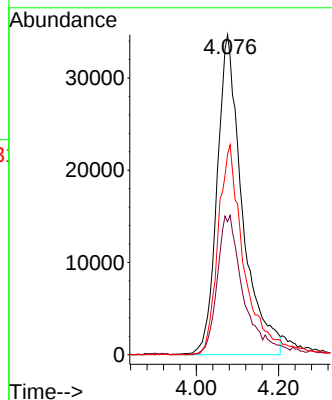
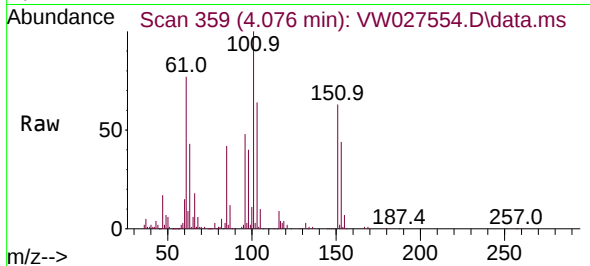




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.582 ug/L
RT: 4.076 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW027554.D
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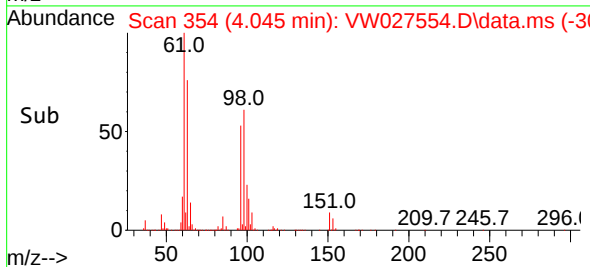
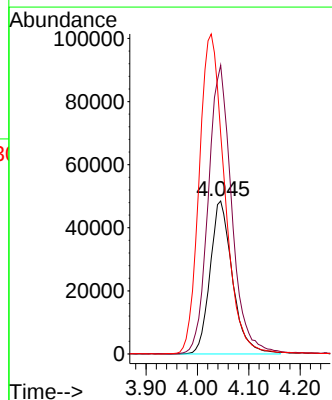
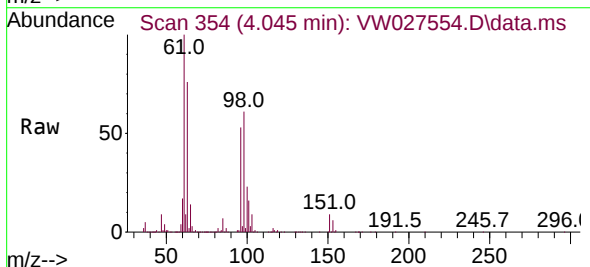
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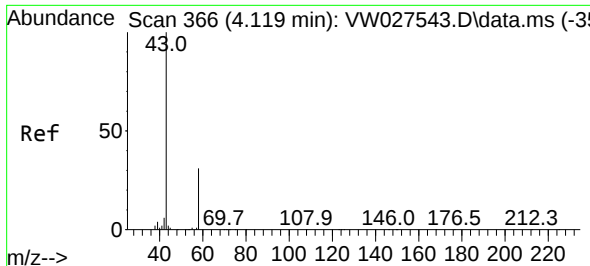
Tgt Ion:101 Resp: 147889
Ion Ratio Lower Upper
101 100
85 42.4 35.6 53.4
151 64.4 56.6 84.8



#12
1,1-Dichloroethene
Concen: 23.300 ug/L
RT: 4.045 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW027554.D
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Tgt Ion: 96 Resp: 146718
Ion Ratio Lower Upper
96 100
61 188.7 128.9 239.3
63 144.0 96.4 179.0

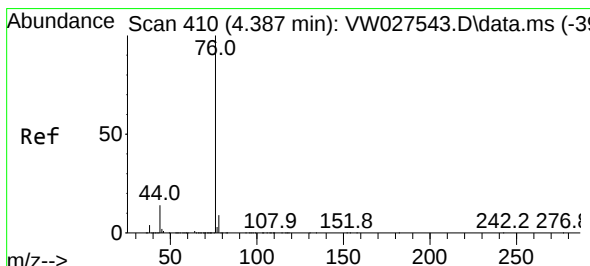
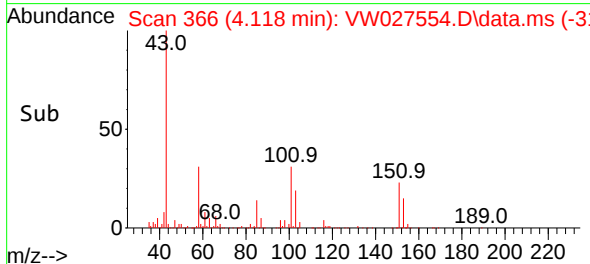
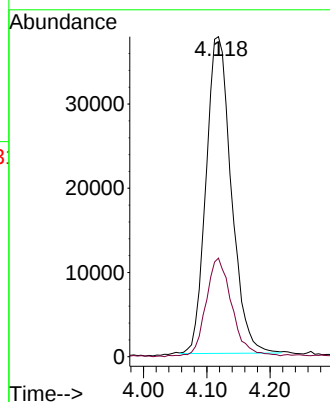
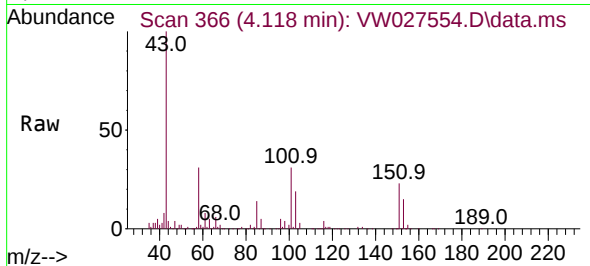




#13
Acetone
Concen: 52.974 ug/L
RT: 4.118 min Scan# 301
Delta R.T. -0.000 min
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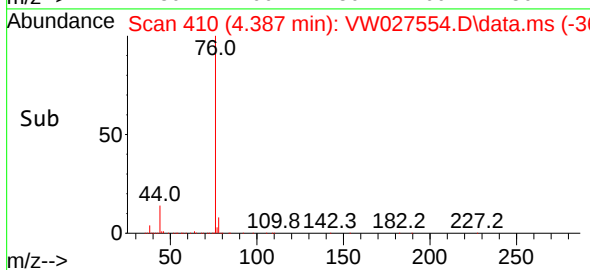
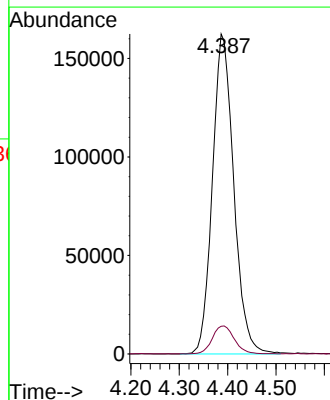
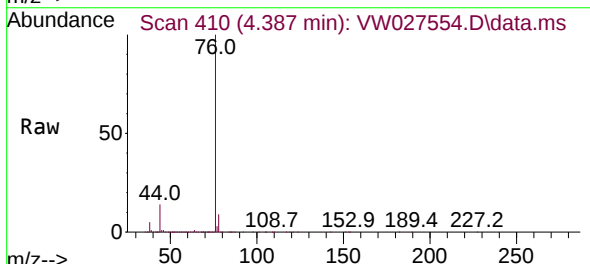
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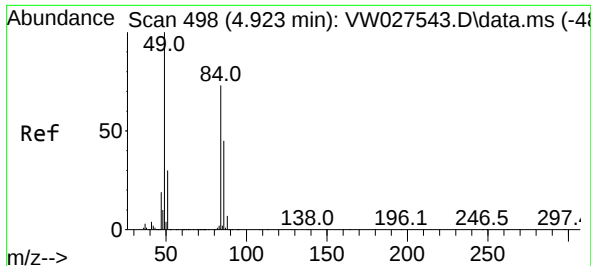
Tgt Ion: 43 Resp: 104711
Ion Ratio Lower Upper
43 100
58 31.8 0.0 64.4



#14
Carbon disulfide
Concen: 22.975 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 497622
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8

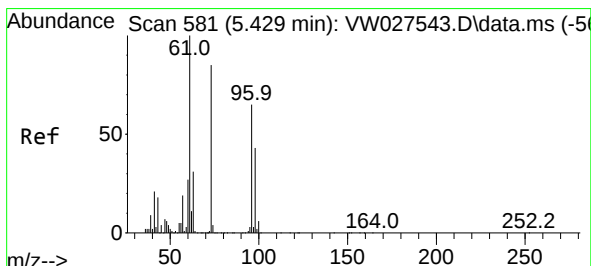
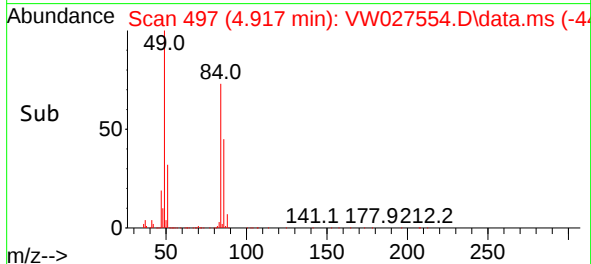
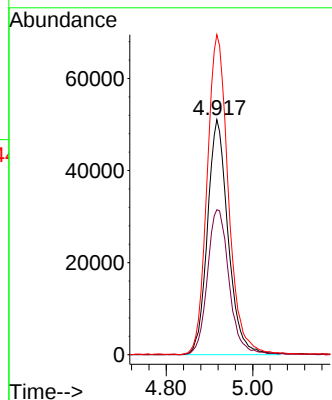
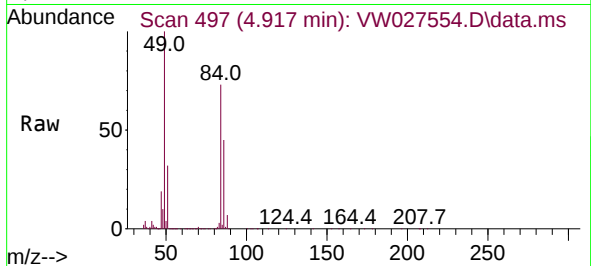




#16
Methylene chloride
Concen: 21.762 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.006 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

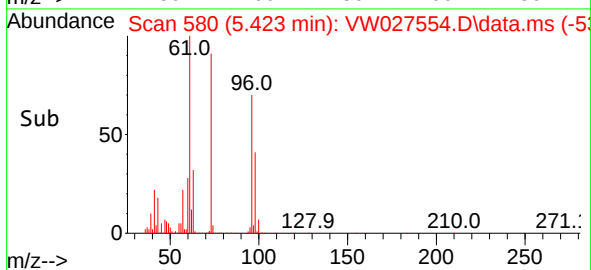
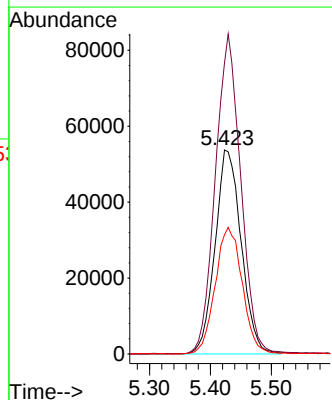
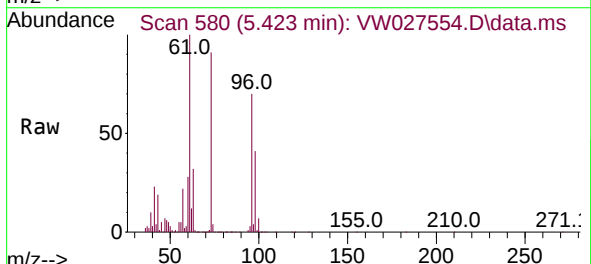
Instrument :
MSVOA_W
ClientSampleId :

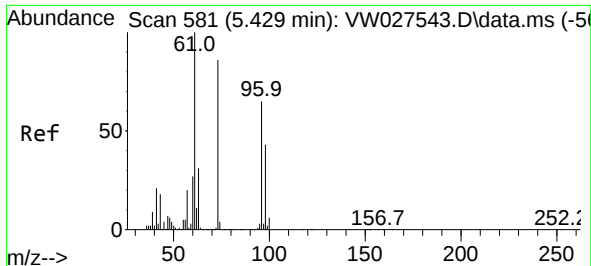
Tgt Ion: 84 Resp: 169497
Ion Ratio Lower Upper
84 100
86 61.7 42.7 79.3
49 136.2 94.0 174.6



#17
trans-1,2-Dichloroethene
Concen: 24.045 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

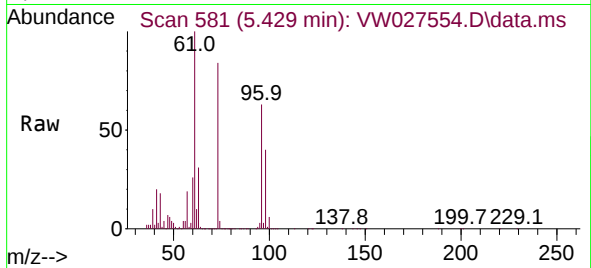
Tgt Ion: 96 Resp: 160360
Ion Ratio Lower Upper
96 100
61 142.7 105.3 195.6
98 58.4 44.0 81.8



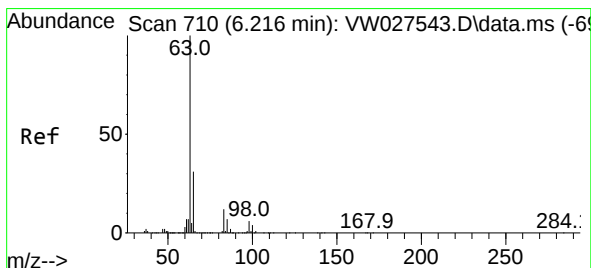
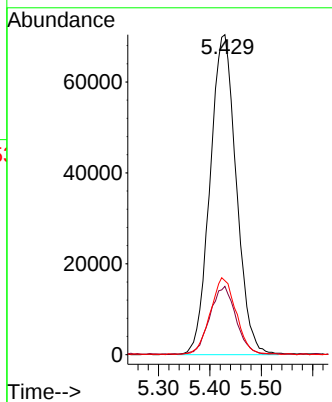
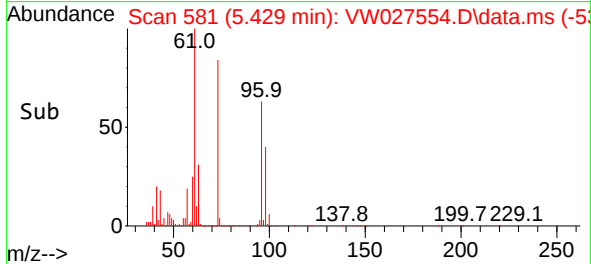


#18
Methyl tert-butyl Ether
Concen: 25.074 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

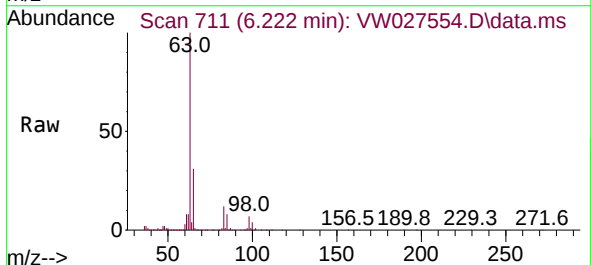
Instrument :
MSVOA_W
ClientSampleId :



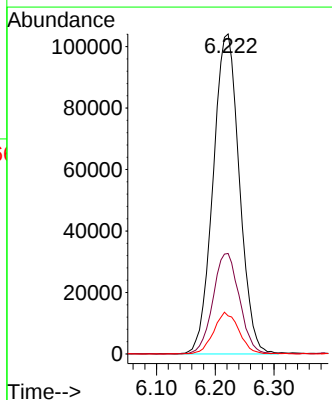
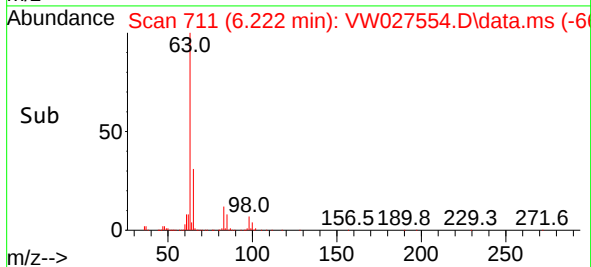
Tgt Ion: 73 Resp: 249485
Ion Ratio Lower Upper
73 100
43 21.0 17.1 25.7
57 23.3 19.4 29.0

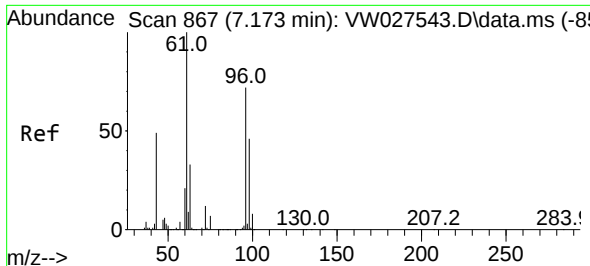


#19
1,1-Dichloroethane
Concen: 24.374 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25



Tgt Ion: 63 Resp: 323619
Ion Ratio Lower Upper
63 100
65 31.4 21.1 39.3
83 11.9 9.0 16.6



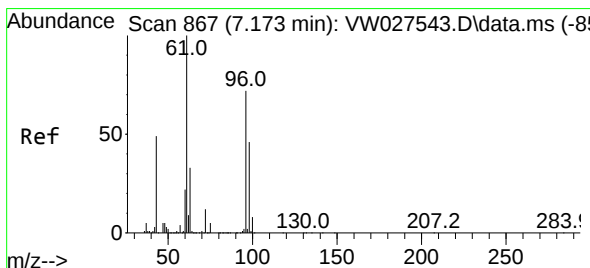
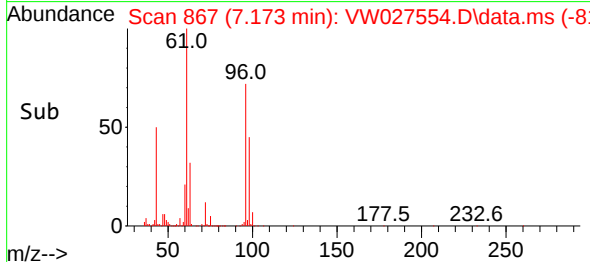
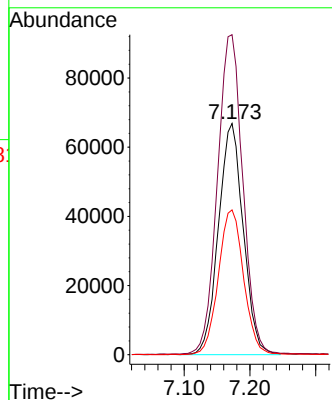
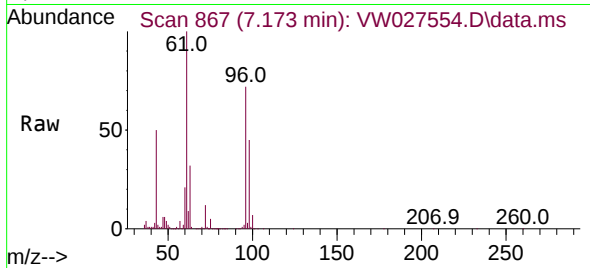


#20
 cis-1,2-Dichloroethene
 Concen: 24.352 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. -0.000 min
 Lab File: VW027554.D
 Acq: 06 Nov 2023 18:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 175553

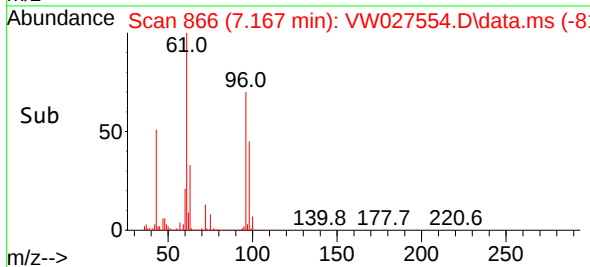
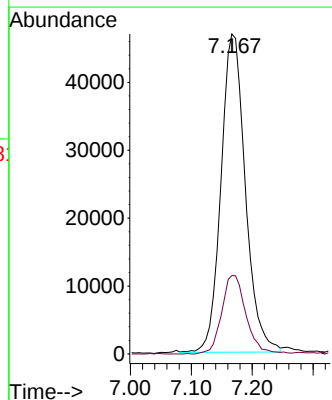
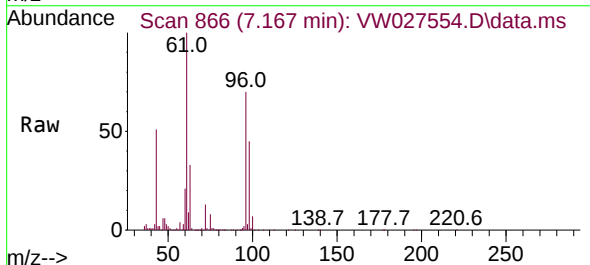
Ion	Ratio	Lower	Upper
96	100		
61	138.4	97.9	181.7
98	62.7	43.5	80.9

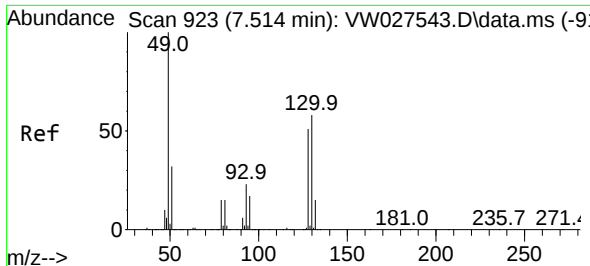


#22
 2-Butanone
 Concen: 51.204 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW027554.D
 Acq: 06 Nov 2023 18:25

Tgt Ion: 43 Resp: 130346

Ion	Ratio	Lower	Upper
43	100		
72	24.4	12.3	36.9

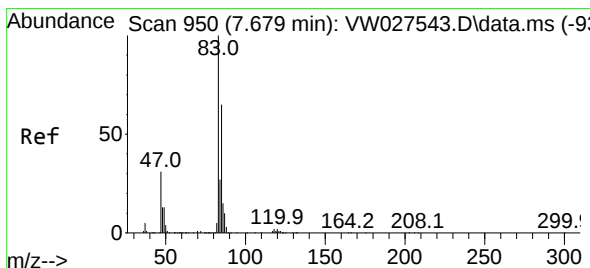
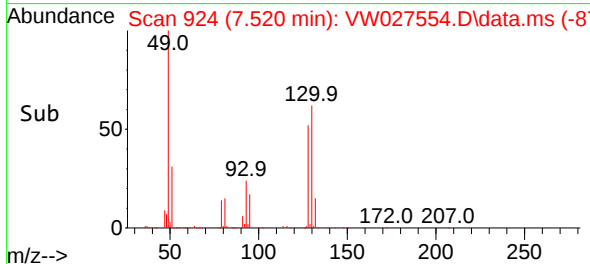
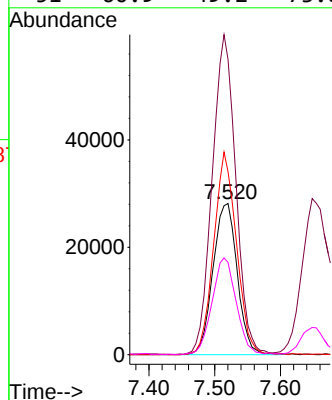
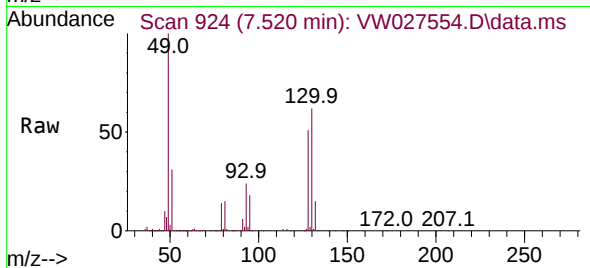




#23
Bromochloromethane
Concen: 24.090 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

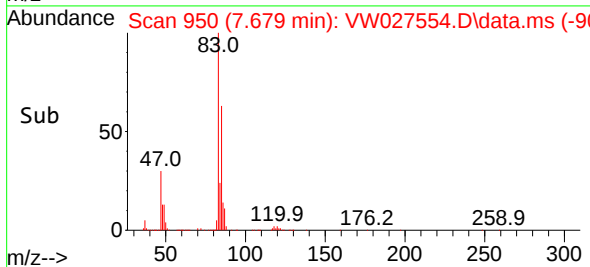
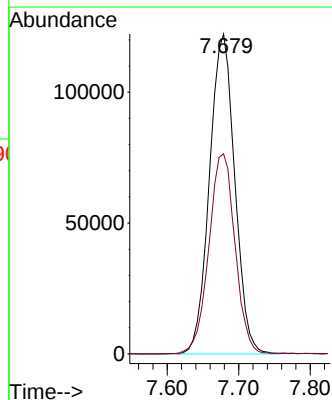
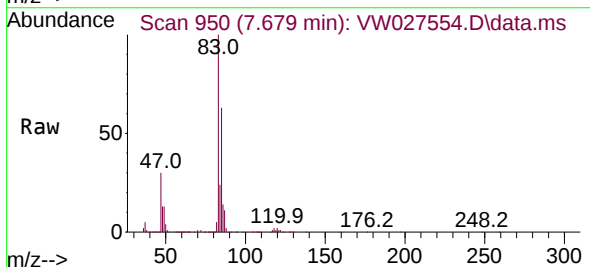
Instrument :
MSVOA_W
ClientSampleId :

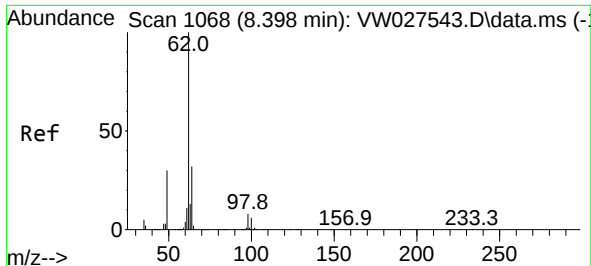
Tgt Ion:128 Resp: 72207
Ion Ratio Lower Upper
128 100
49 195.2 139.7 259.5
130 120.9 83.4 155.0
51 60.9 49.2 73.8



#25
Chloroform
Concen: 24.371 ug/L
RT: 7.679 min Scan# 950
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion: 83 Resp: 300421
Ion Ratio Lower Upper
83 100
85 62.6 44.2 82.0





#27

1,2-Dichloroethane

Concen: 24.602 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

Instrument :

MSVOA_W

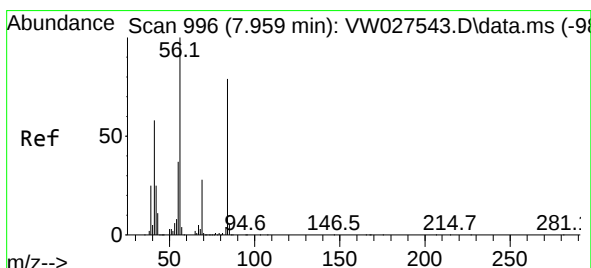
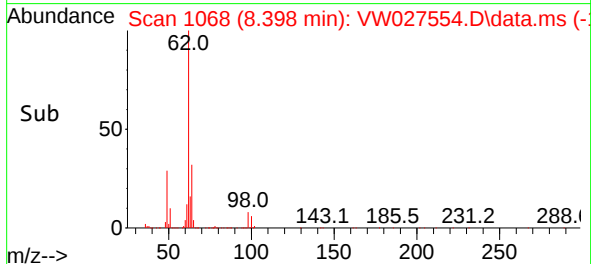
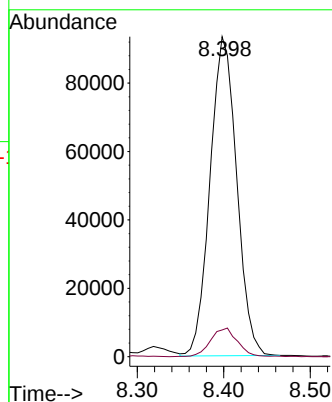
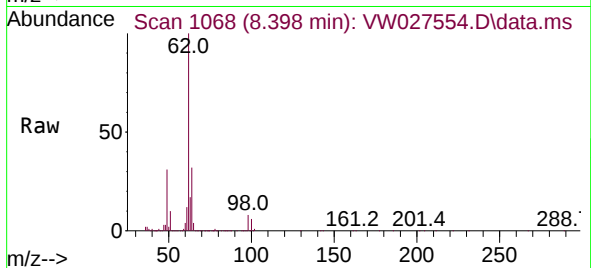
ClientSampleId :

Tgt Ion: 62 Resp: 199554

Ion Ratio Lower Upper

62 100

98 8.4 7.4 11.0



#29

Cyclohexane

Concen: 23.891 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

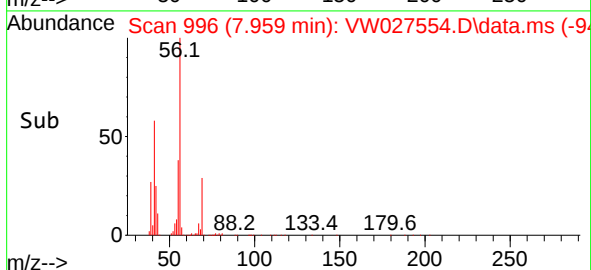
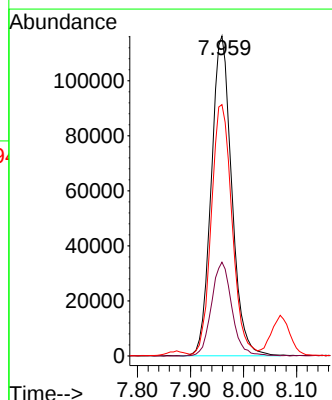
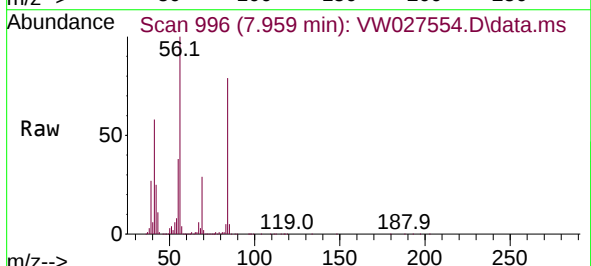
Tgt Ion: 56 Resp: 311770

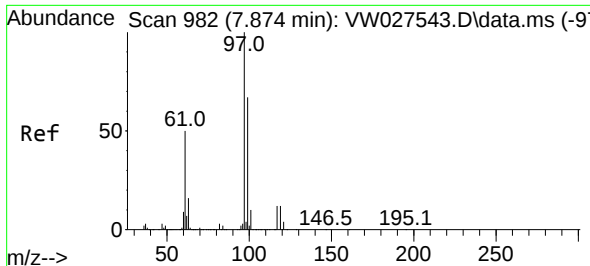
Ion Ratio Lower Upper

56 100

69 29.1 23.0 34.6

84 79.7 63.6 95.4



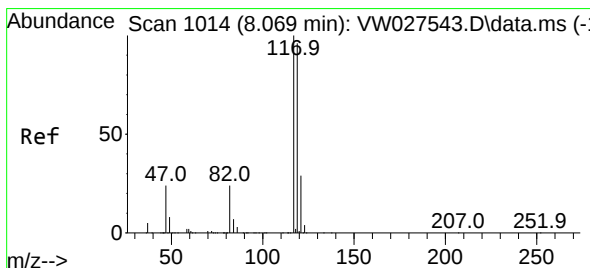
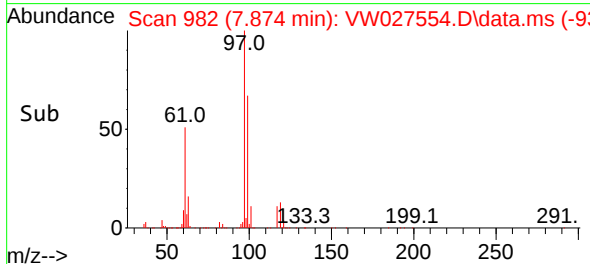
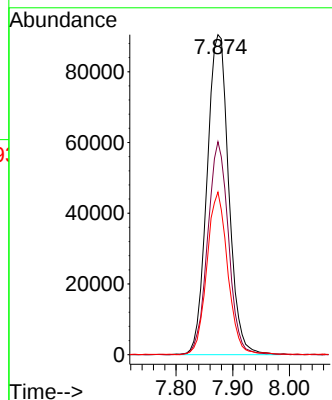
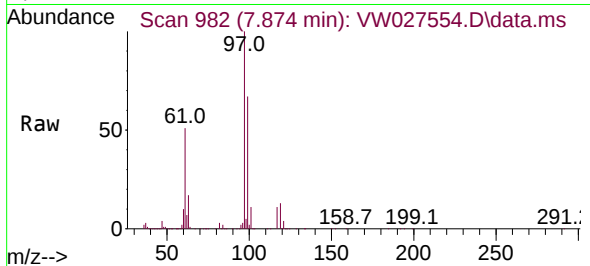


#30
 1,1,1-Trichloroethane
 Concen: 23.870 ug/L
 RT: 7.874 min Scan# 982
 Delta R.T. -0.000 min
 Lab File: VW027554.D
 Acq: 06 Nov 2023 18:25

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 97 Resp: 240673

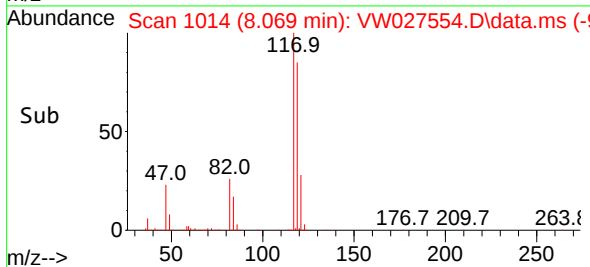
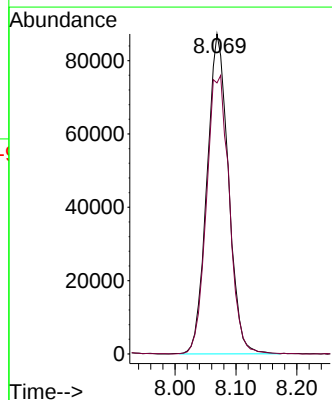
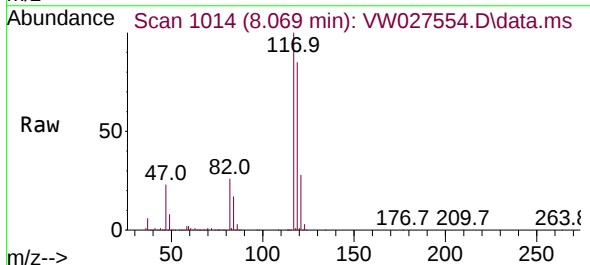
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	48.6	39.1	58.7

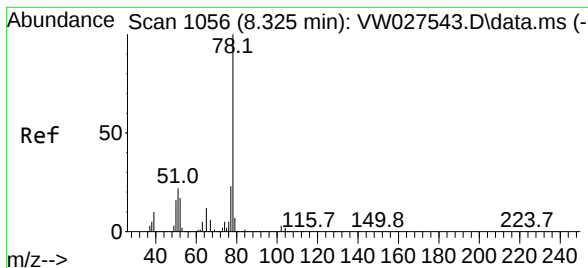


#31
 Carbon tetrachloride
 Concen: 24.245 ug/L
 RT: 8.069 min Scan# 1014
 Delta R.T. -0.000 min
 Lab File: VW027554.D
 Acq: 06 Nov 2023 18:25

Tgt Ion: 117 Resp: 213964

Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.5	114.7





#33

Benzene

Concen: 24.344 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VW027554.D

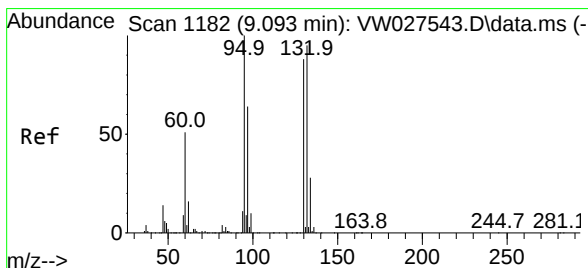
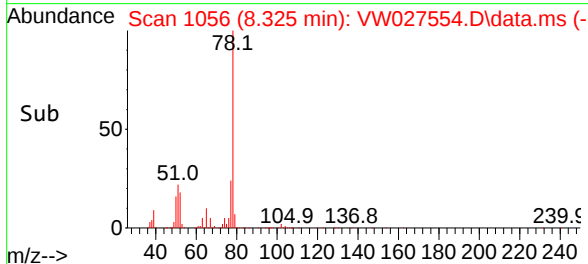
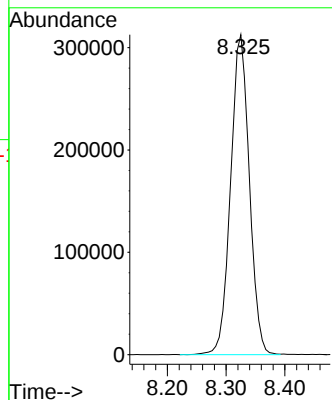
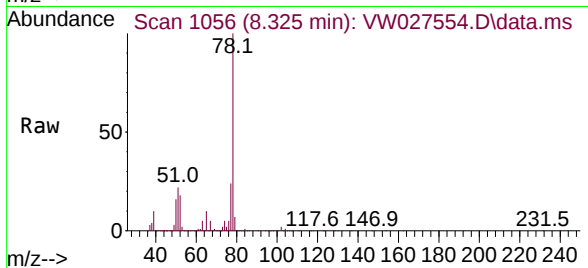
Acq: 06 Nov 2023 18:25

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 692947



#34

Trichloroethene

Concen: 24.147 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

Tgt Ion: 95 Resp: 177648

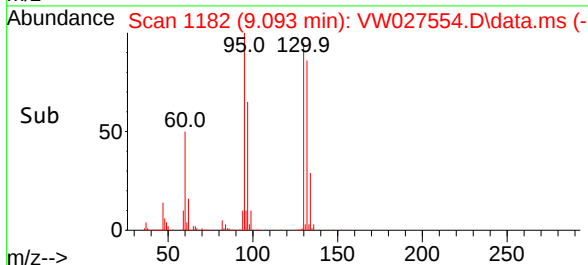
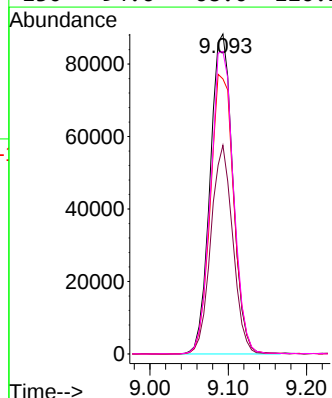
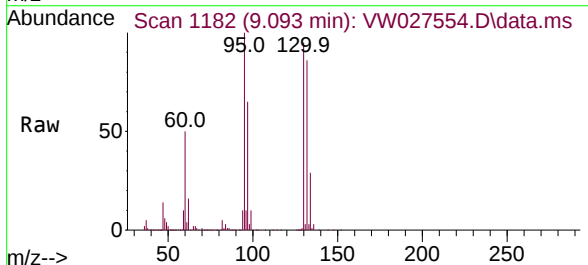
Ion Ratio Lower Upper

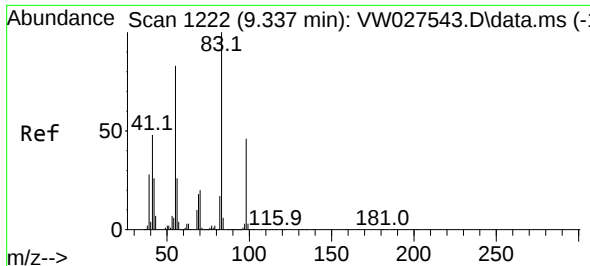
95 100

97 65.2 46.9 87.1

132 86.0 61.8 114.8

130 94.6 68.0 126.2

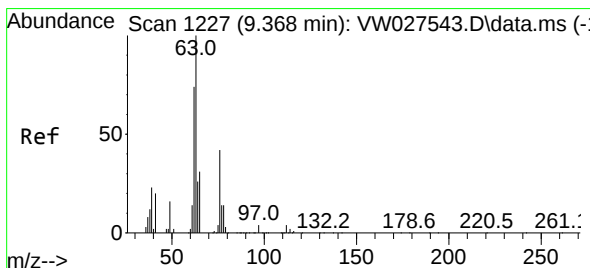
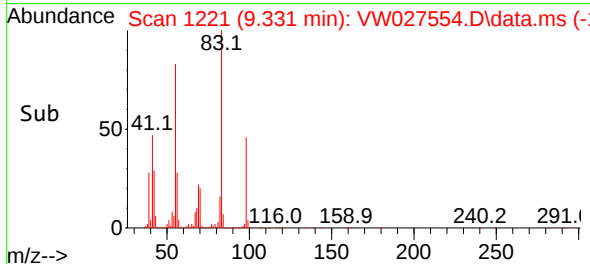
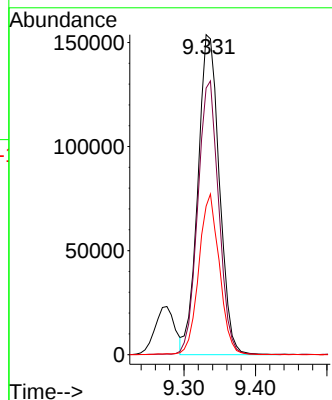
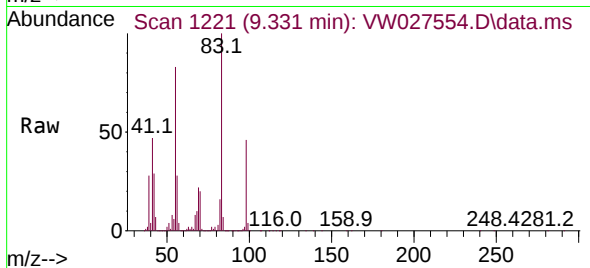




#35
Methylcyclohexane
Concen: 24.017 ug/L
RT: 9.331 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

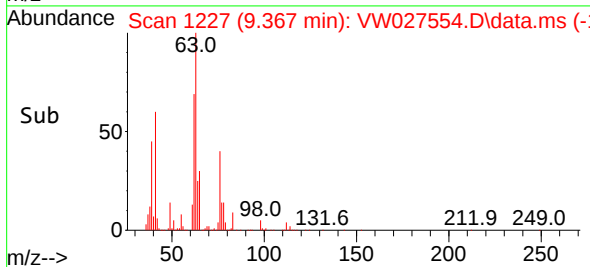
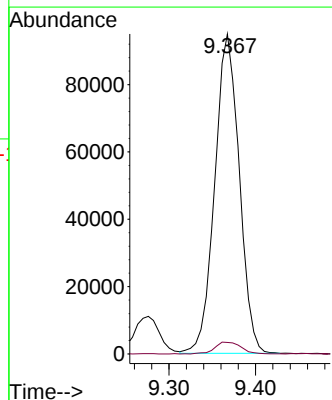
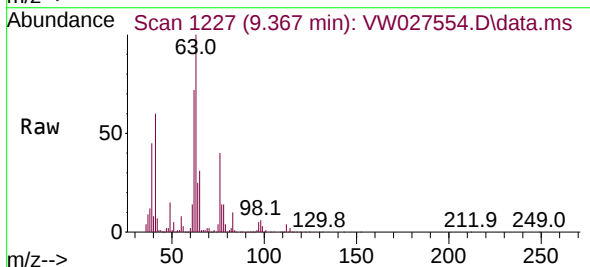
Instrument :
MSVOA_W
ClientSampleId :

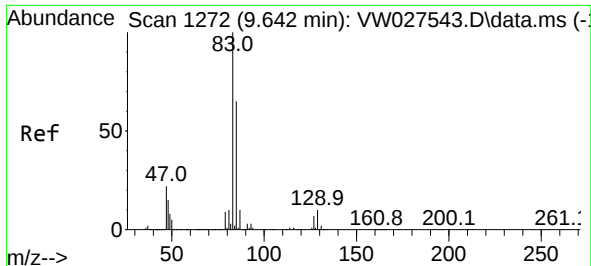
Tgt Ion: 83 Resp: 320064
Ion Ratio Lower Upper
83 100
55 83.5 66.2 99.2
98 48.4 38.3 57.5



#37
1,2-Dichloropropane
Concen: 24.908 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion: 63 Resp: 186423
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9

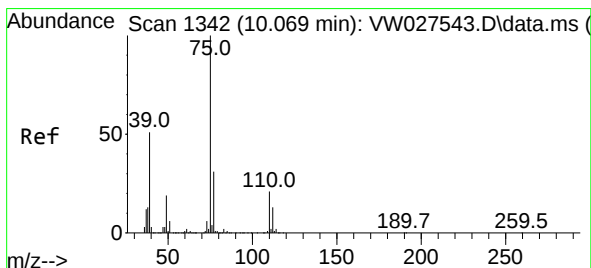
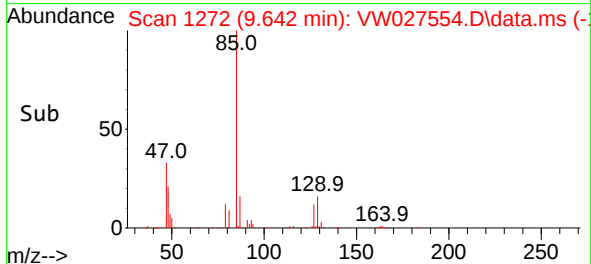
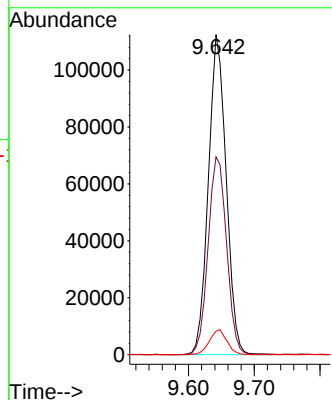
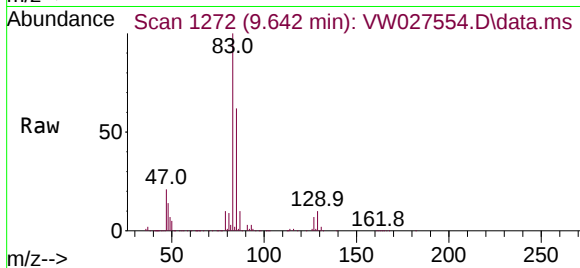




#38
Bromodichloromethane
Concen: 24.884 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

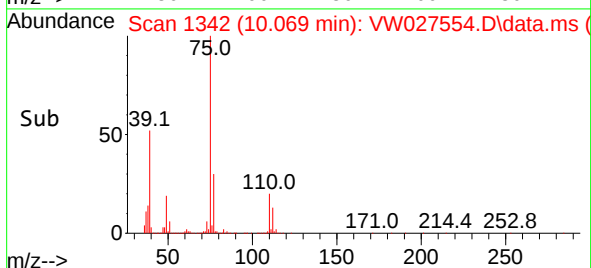
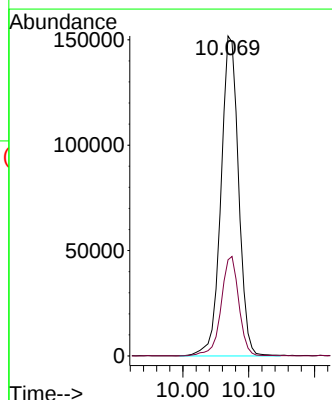
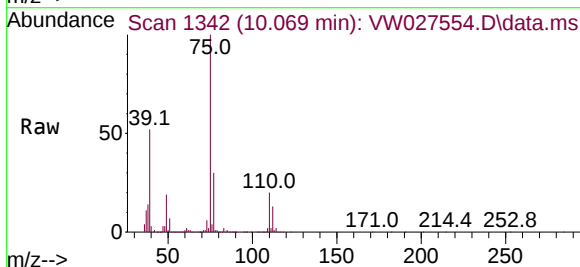
Instrument :
MSVOA_W
ClientSampleId :

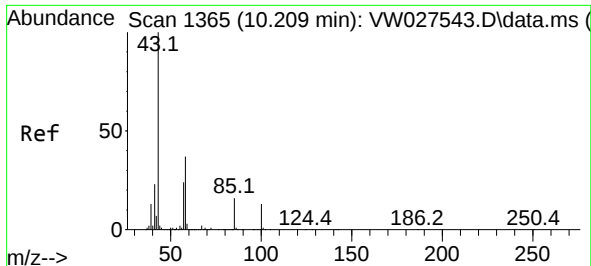
Tgt Ion: 83 Resp: 211837
Ion Ratio Lower Upper
83 100
85 61.8 42.2 78.4
127 7.4 5.7 8.5



#39
cis-1,3-Dichloropropene
Concen: 25.555 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion: 75 Resp: 283205
Ion Ratio Lower Upper
75 100
77 30.1 22.4 41.6

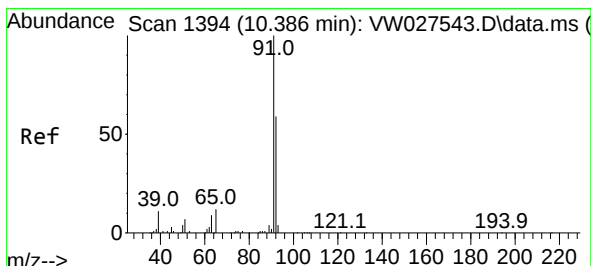
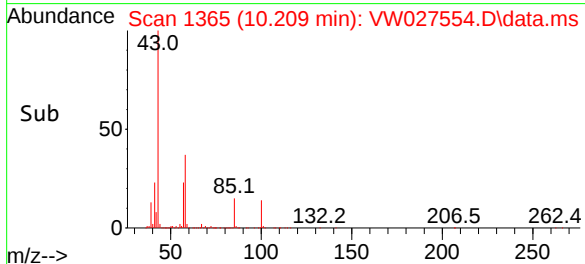
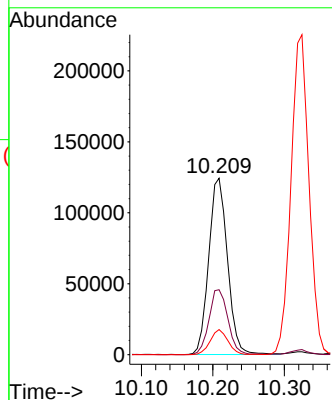
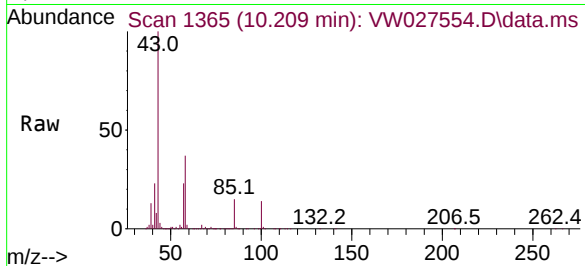




#40
4-Methyl-2-pentanone
Concen: 54.299 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

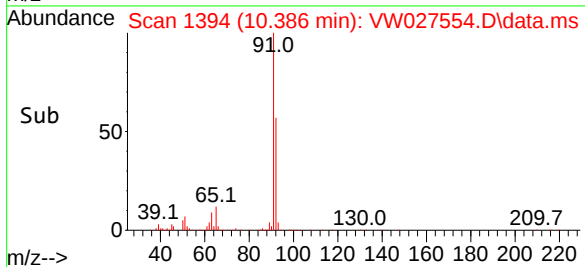
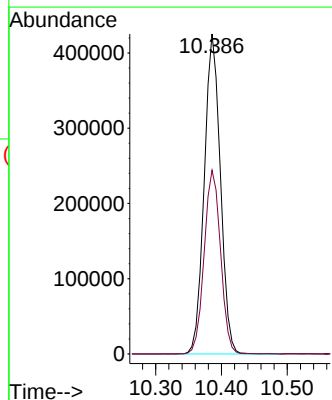
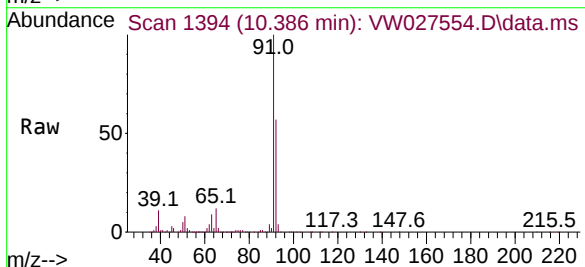
Instrument :
MSVOA_W
ClientSampleId :

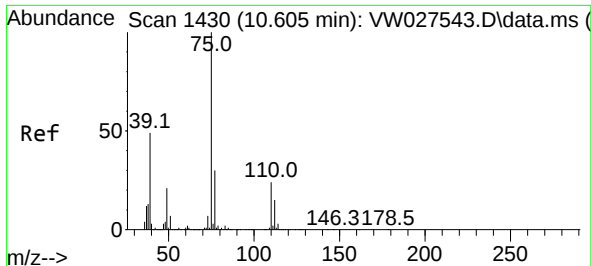
Tgt Ion: 43 Resp: 226927
Ion Ratio Lower Upper
43 100
58 37.0 29.6 44.4
100 13.5 10.7 16.1



#42
Toluene
Concen: 24.555 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion: 91 Resp: 725156
Ion Ratio Lower Upper
91 100
92 57.4 41.7 77.5

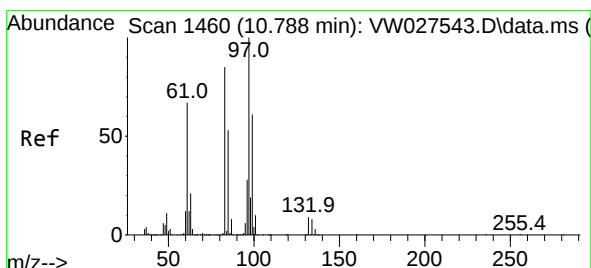
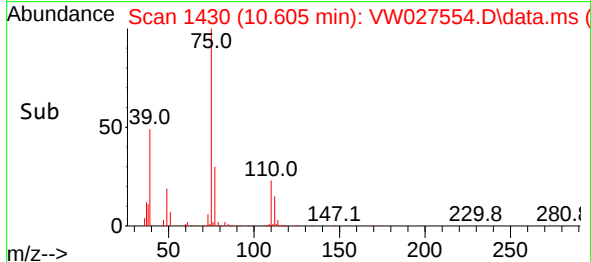
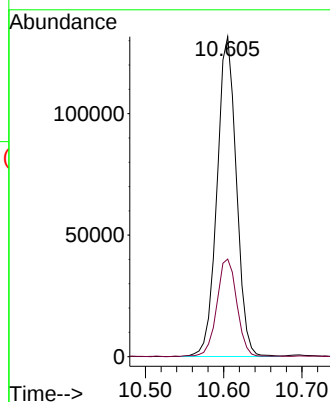
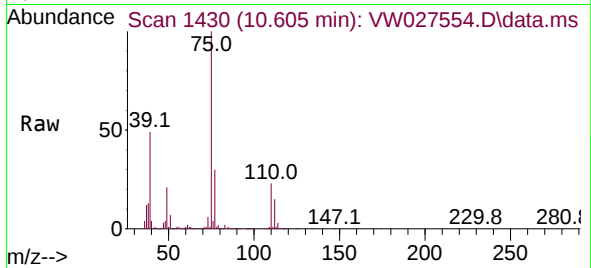




#44
trans-1,3-Dichloropropene
Concen: 25.468 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

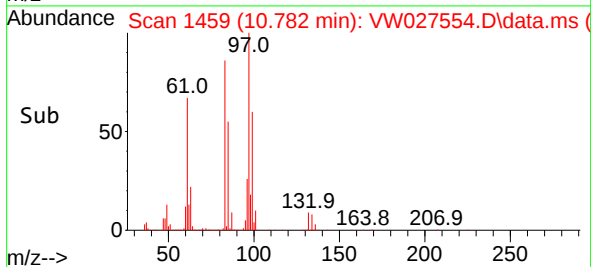
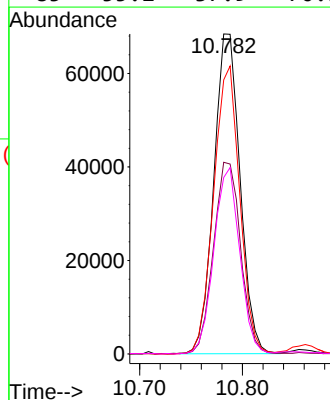
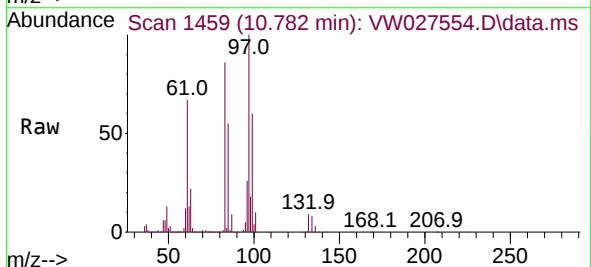
Instrument :
MSVOA_W
ClientSampleId :

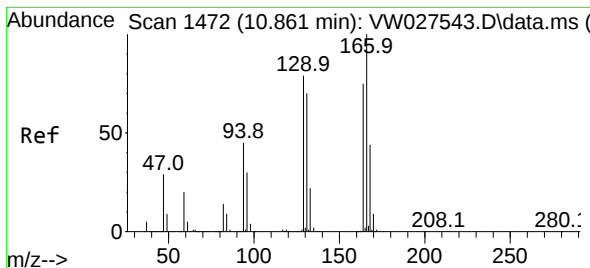
Tgt Ion: 75 Resp: 226446
Ion Ratio Lower Upper
75 100
77 30.5 22.0 41.0



#45
1,1,2-Trichloroethane
Concen: 24.953 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion: 97 Resp: 121435
Ion Ratio Lower Upper
97 100
99 59.9 46.1 85.5
83 85.6 61.5 114.3
85 55.2 37.9 70.5





#46

Tetrachloroethene

Concen: 24.351 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

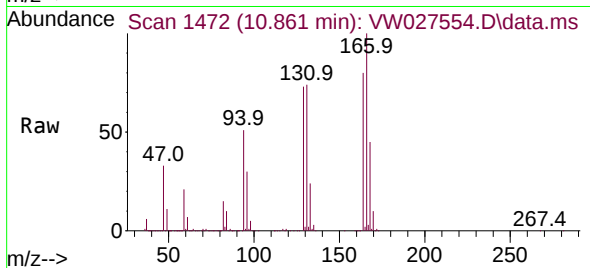
Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 128567

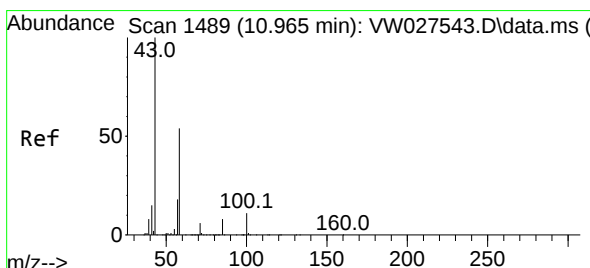
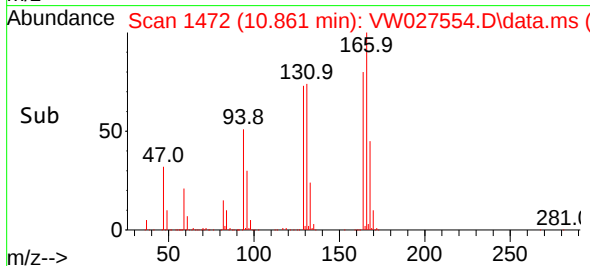
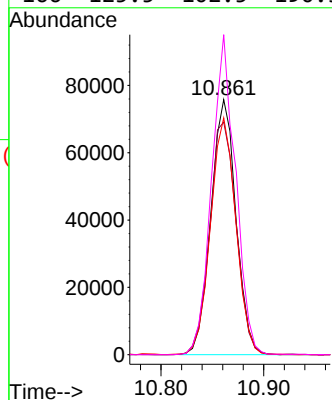
Ion Ratio Lower Upper

164 100

129 91.2 73.4 136.2

131 92.8 68.4 127.0

166 125.5 102.5 190.3



#48

2-Hexanone

Concen: 55.306 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

Tgt Ion: 43 Resp: 183926

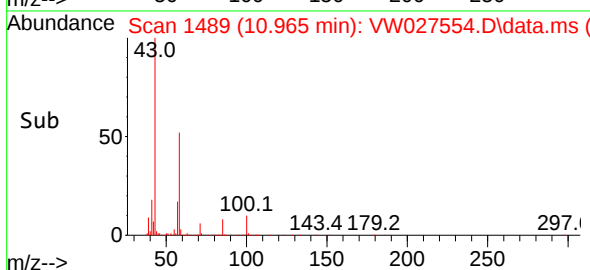
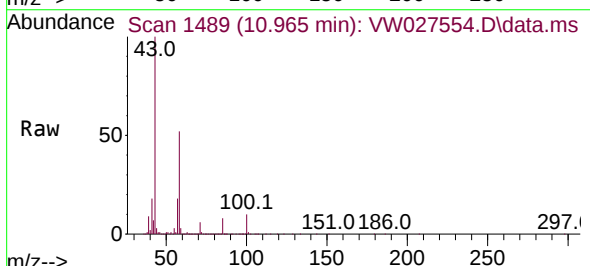
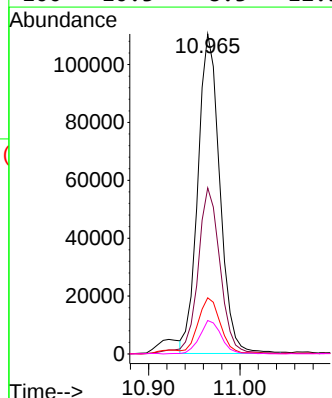
Ion Ratio Lower Upper

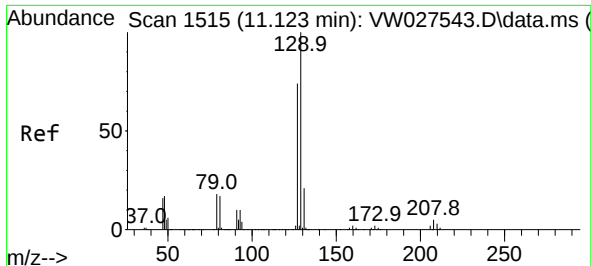
43 100

58 51.0 41.7 62.5

57 17.8 14.2 21.2

100 10.3 8.3 12.5





#49

Dibromochloromethane

Concen: 25.602 ug/L

RT: 11.123 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

Instrument :

MSVOA_W

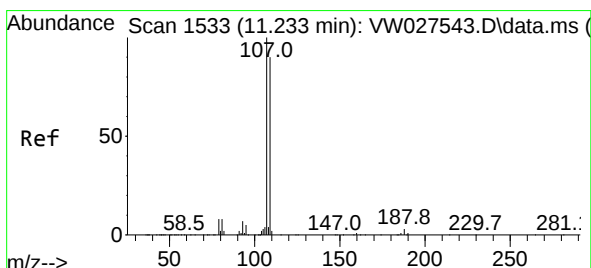
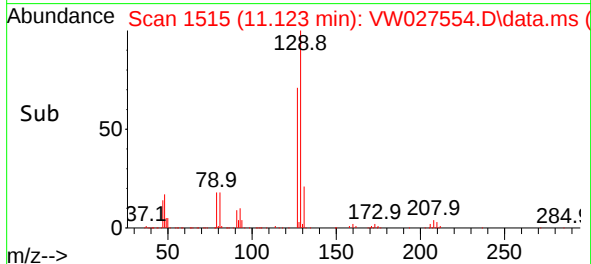
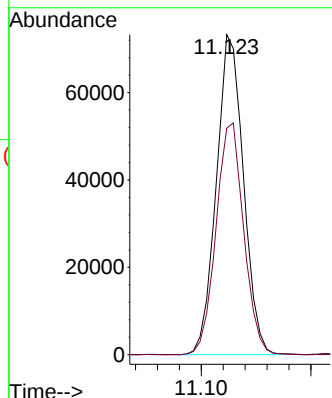
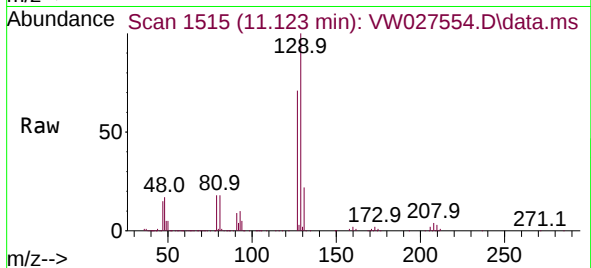
ClientSampleId :

Tgt Ion:129 Resp: 125962

Ion Ratio Lower Upper

129 100

127 70.8 54.1 100.5



#50

1,2-Dibromoethane

Concen: 25.256 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

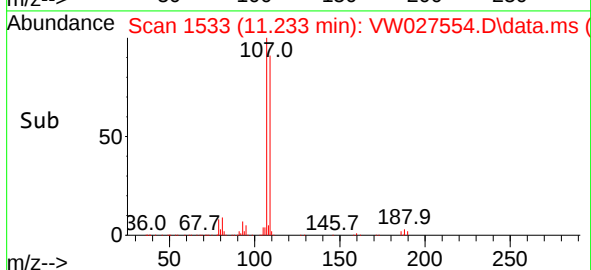
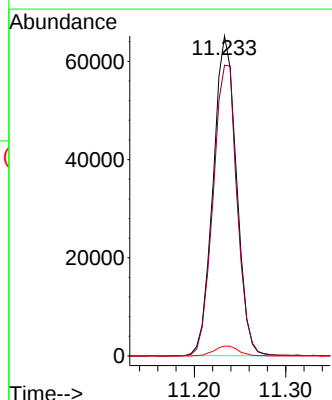
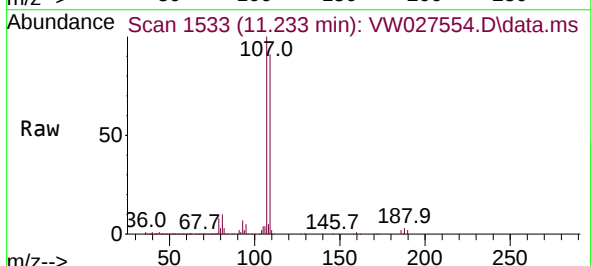
Tgt Ion:107 Resp: 115178

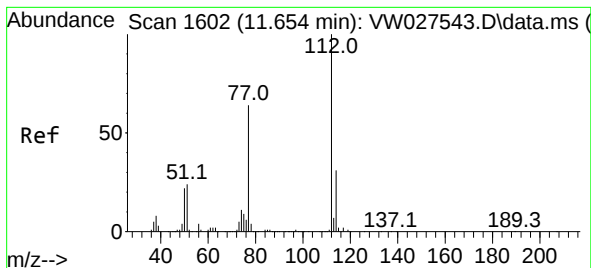
Ion Ratio Lower Upper

107 100

109 90.8 66.7 123.9

188 3.1 2.2 3.2

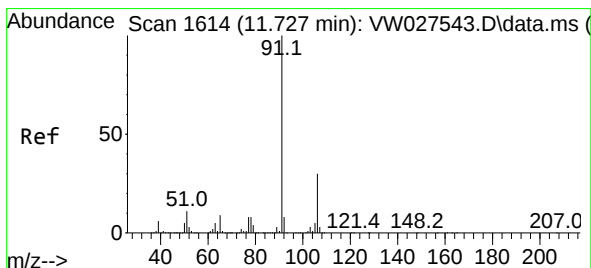
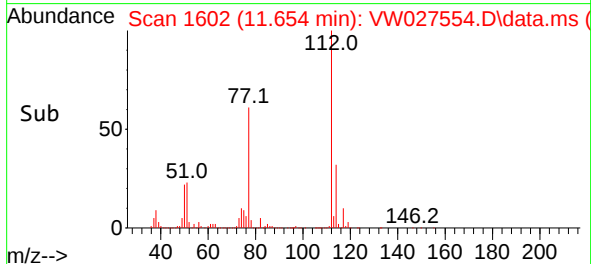
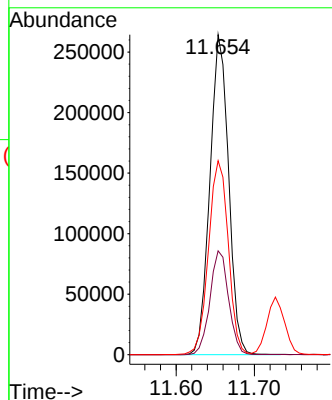
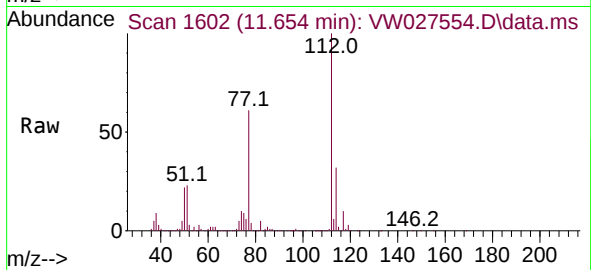




#51
Chlorobenzene
Concen: 24.073 ug/L
RT: 11.654 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

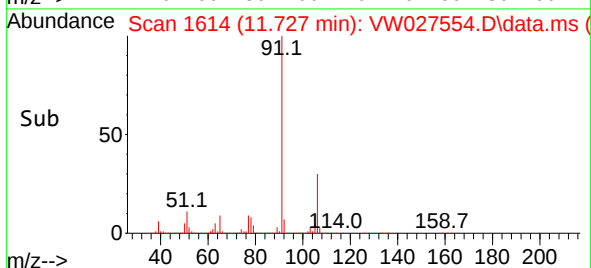
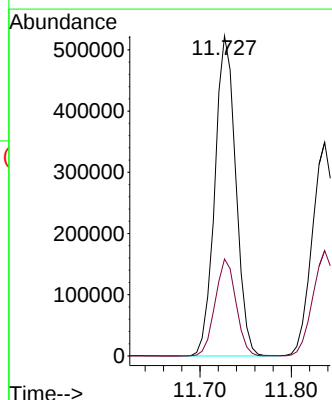
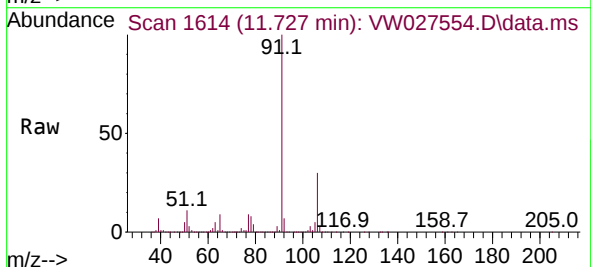
Instrument :
MSVOA_W
ClientSampleId :

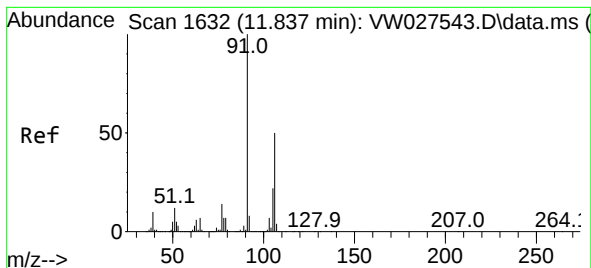
Tgt Ion:112 Resp: 437547
Ion Ratio Lower Upper
112 100
114 32.5 21.7 40.3
77 60.6 49.9 74.9



#52
Ethylbenzene
Concen: 24.715 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion: 91 Resp: 832418
Ion Ratio Lower Upper
91 100
106 30.3 20.9 38.7

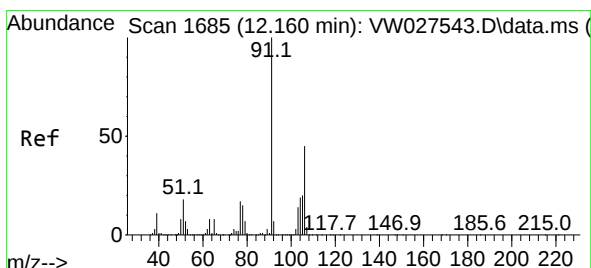
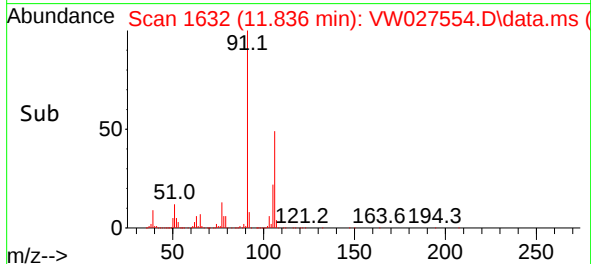
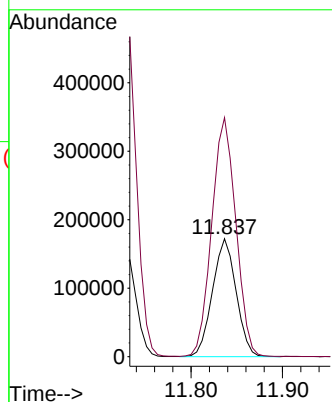
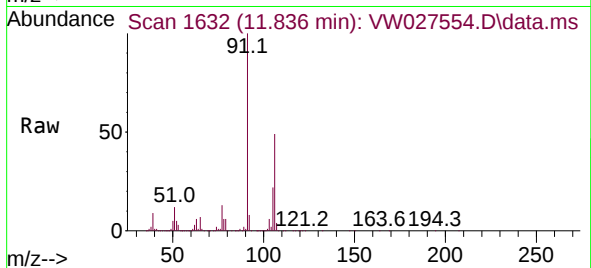




#53
m,p-Xylene
Concen: 24.919 ug/L
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

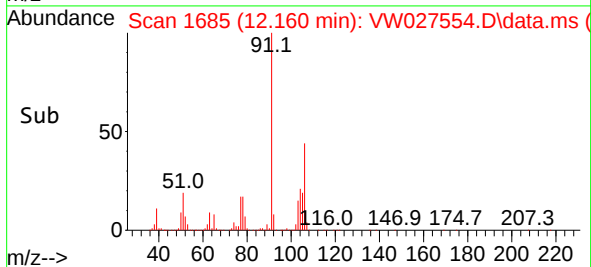
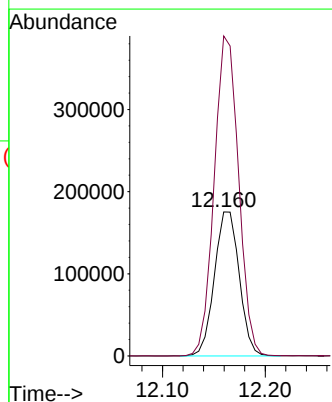
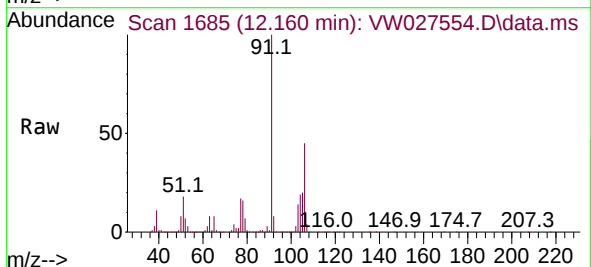
Instrument :
MSVOA_W
ClientSampleId :

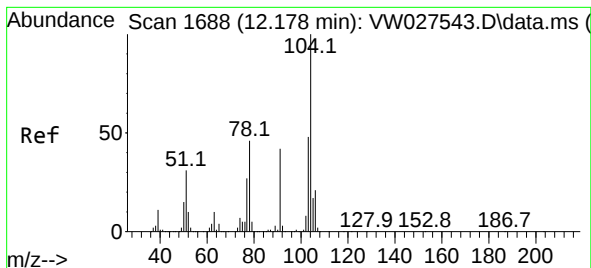
Tgt Ion:106 Resp: 309464
Ion Ratio Lower Upper
106 100
91 202.6 146.3 271.7



#54
o-Xylene
Concen: 25.015 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion:106 Resp: 294120
Ion Ratio Lower Upper
106 100
91 222.3 154.1 286.3





#55

Styrene

Concen: 25.468 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

Instrument :

MSVOA_W

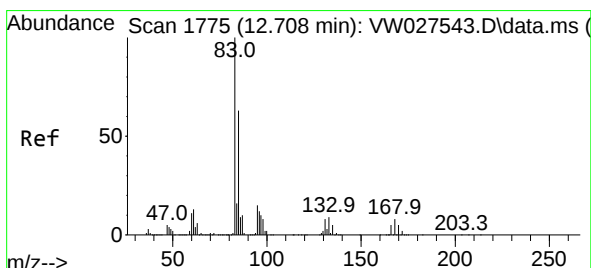
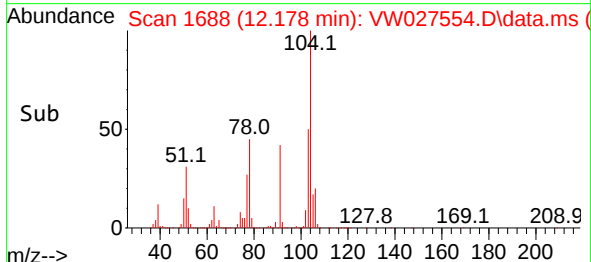
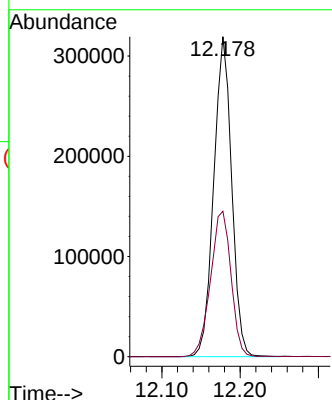
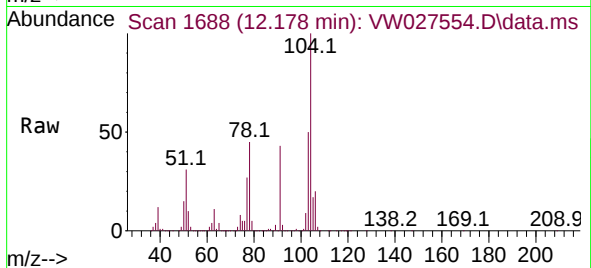
ClientSampleId :

Tgt Ion:104 Resp: 507445

Ion Ratio Lower Upper

104 100

78 45.5 32.4 60.2



#57

1,1,2,2-Tetrachloroethane

Concen: 26.428 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

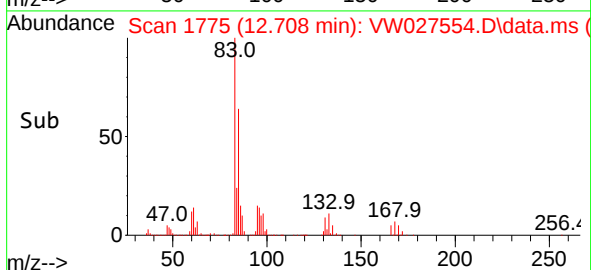
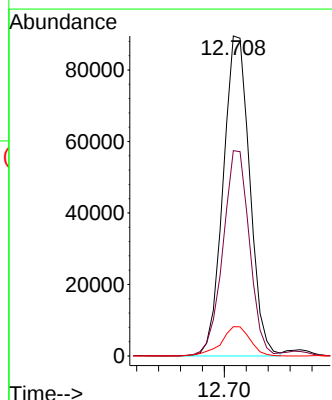
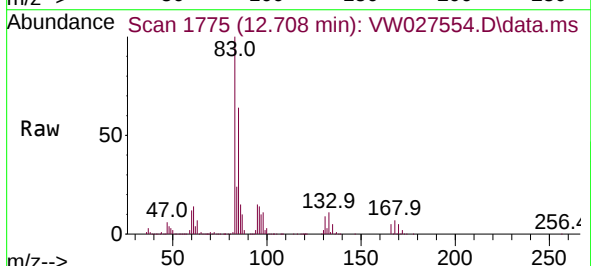
Tgt Ion: 83 Resp: 150663

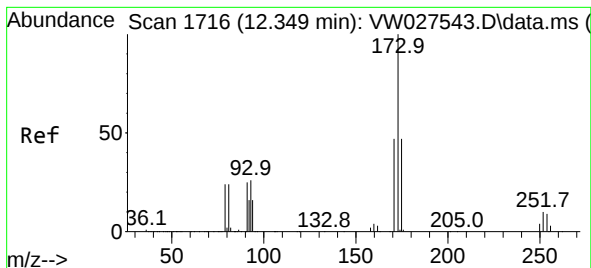
Ion Ratio Lower Upper

83 100

85 64.1 44.6 82.8

131 9.1 7.3 10.9





#59

Bromoform

Concen: 23.285 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

Instrument :

MSVOA_W

ClientSampleId :

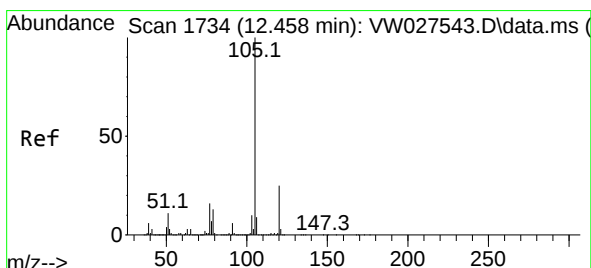
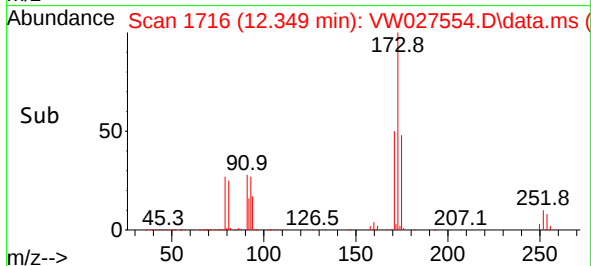
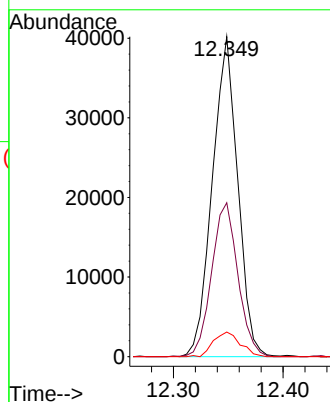
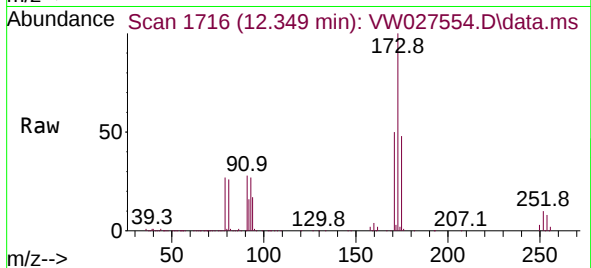
Tgt Ion:173 Resp: 64639

Ion Ratio Lower Upper

173 100

175 49.8 40.6 61.0

254 8.1 7.8 11.6



#60

Isopropylbenzene

Concen: 23.203 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

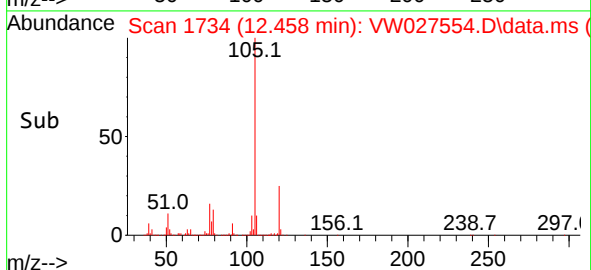
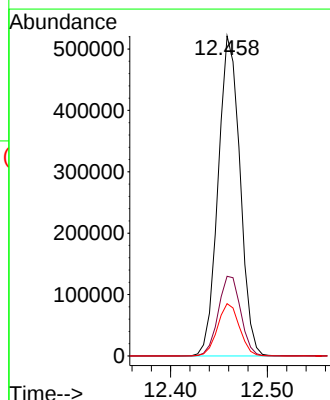
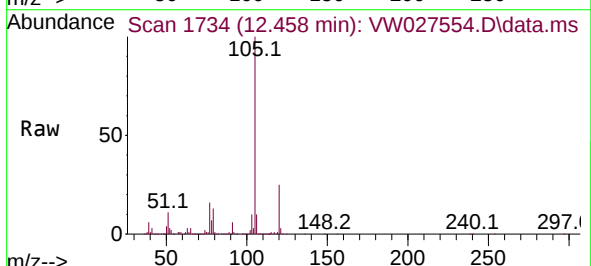
Tgt Ion:105 Resp: 817353

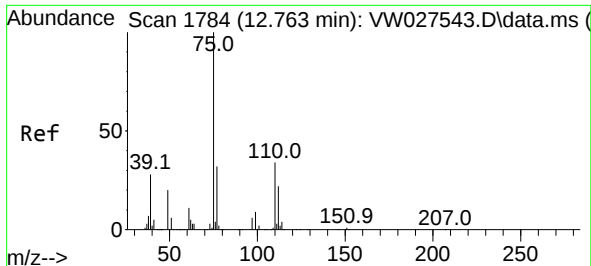
Ion Ratio Lower Upper

105 100

120 25.5 20.8 31.2

77 16.4 13.3 19.9

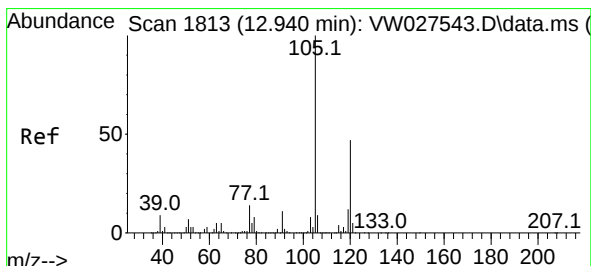
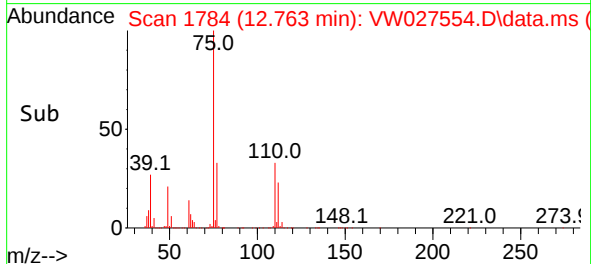
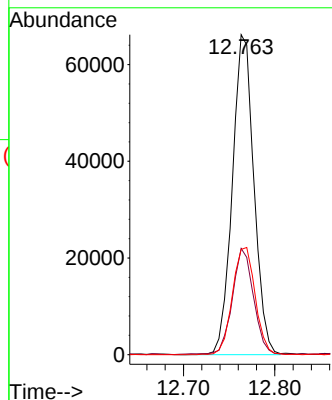
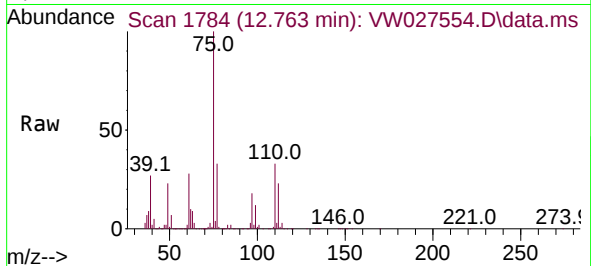




#61
1,2,3-Trichloropropane
Concen: 24.448 ug/L
RT: 12.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

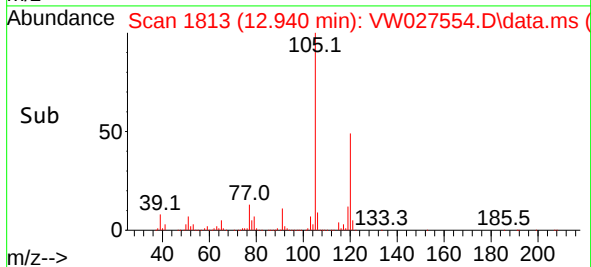
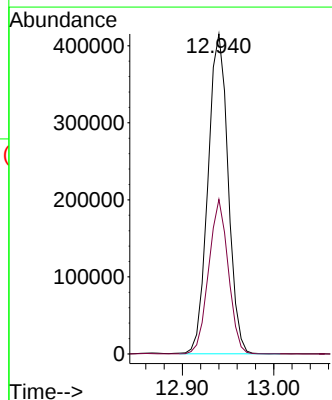
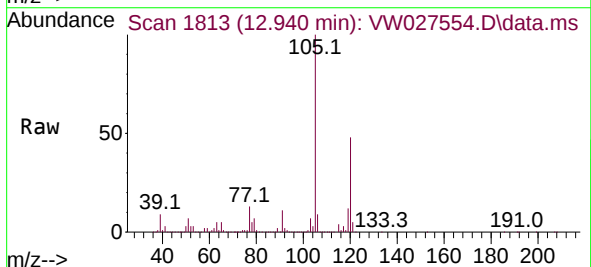
Instrument :
MSVOA_W
ClientSampleId :

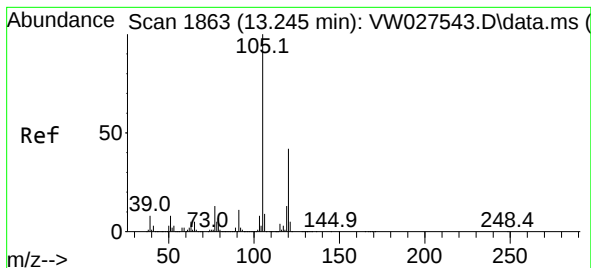
Tgt Ion: 75 Resp: 108467
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
110 35.3 28.8 43.2



#62
1,3,5-Trimethylbenzene
Concen: 23.555 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion:105 Resp: 632625
Ion Ratio Lower Upper
105 100
120 47.1 39.1 58.7





#63

1,2,4-Trimethylbenzene

Concen: 23.668 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

Instrument :

MSVOA_W

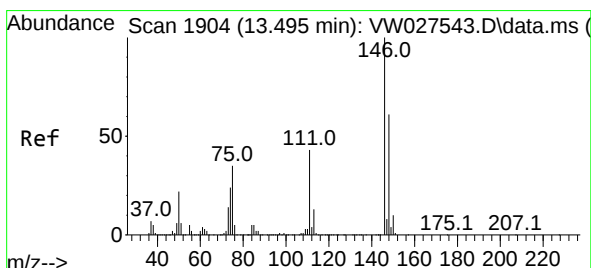
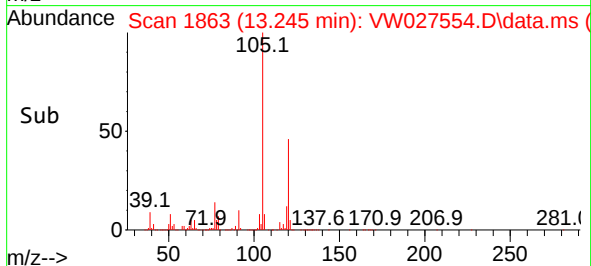
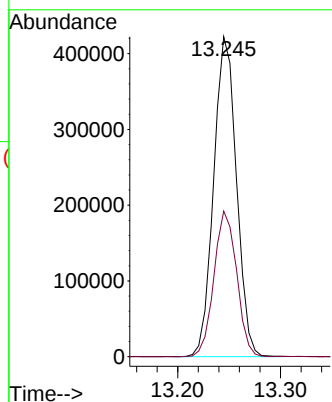
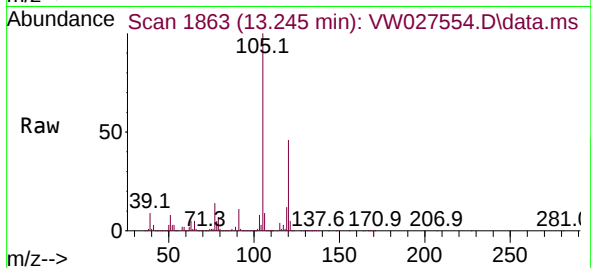
ClientSampleId :

Tgt Ion:105 Resp: 650530

Ion Ratio Lower Upper

105 100

120 45.3 36.6 54.8



#64

1,3-Dichlorobenzene

Concen: 23.180 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

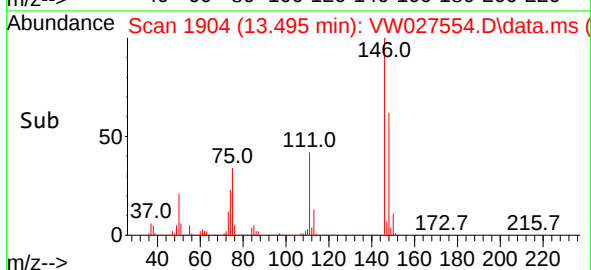
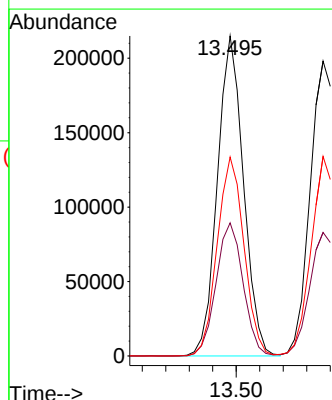
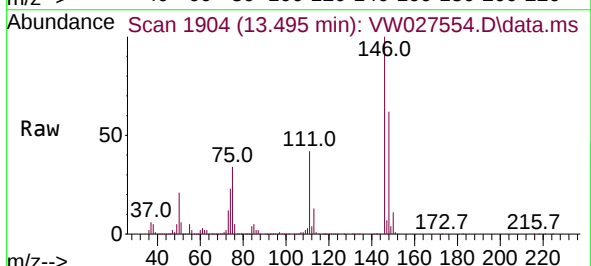
Tgt Ion:146 Resp: 331815

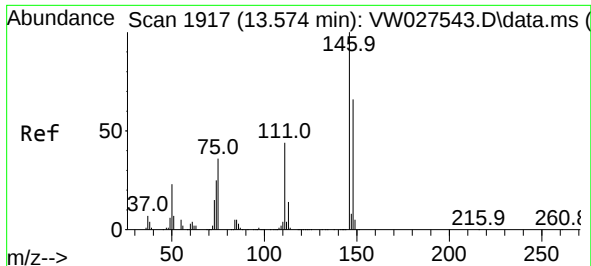
Ion Ratio Lower Upper

146 100

111 41.6 30.5 56.7

148 62.1 43.0 79.8

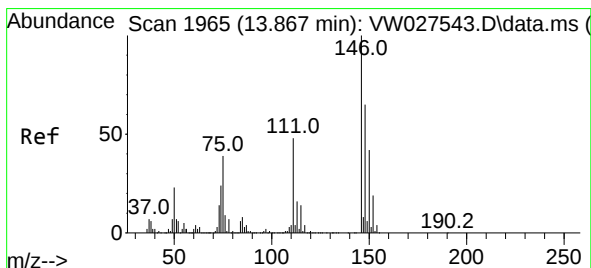
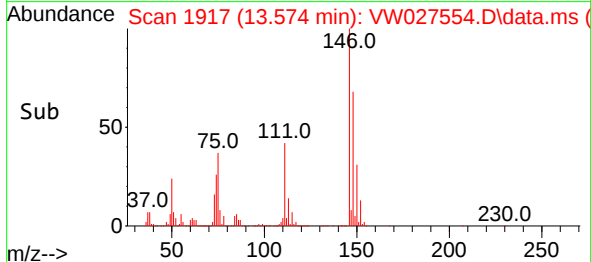
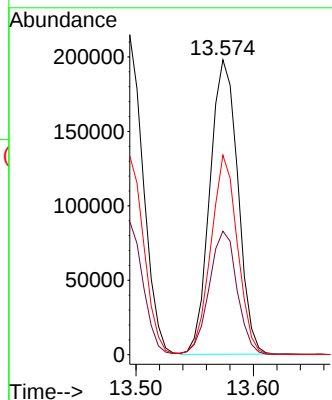
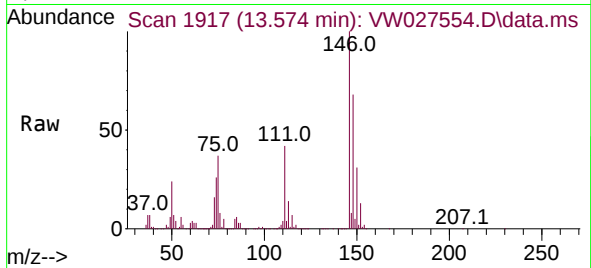




#65
1,4-Dichlorobenzene
Concen: 22.839 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

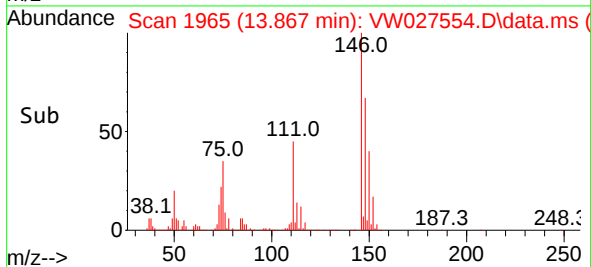
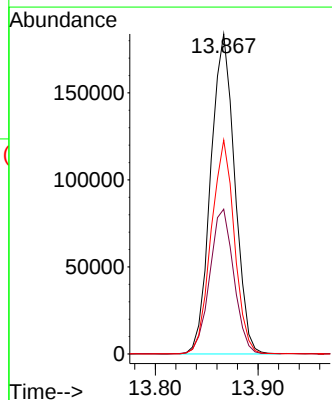
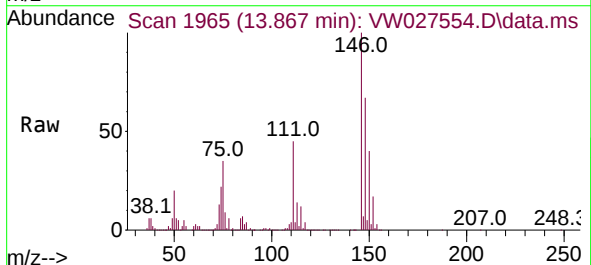
Instrument :
MSVOA_W
ClientSampleId :

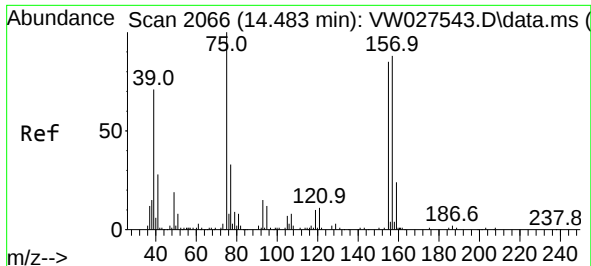
Tgt Ion:146 Resp: 327512
Ion Ratio Lower Upper
146 100
111 41.9 27.9 51.9
148 67.7 44.0 81.8



#67
1,2-Dichlorobenzene
Concen: 23.779 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion:146 Resp: 297018
Ion Ratio Lower Upper
146 100
111 45.2 33.4 50.2
148 66.9 51.4 77.2

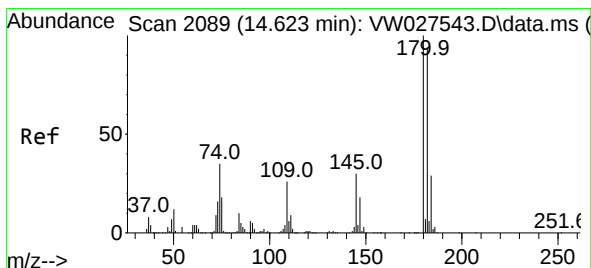
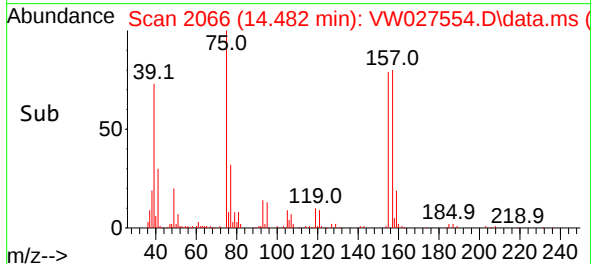
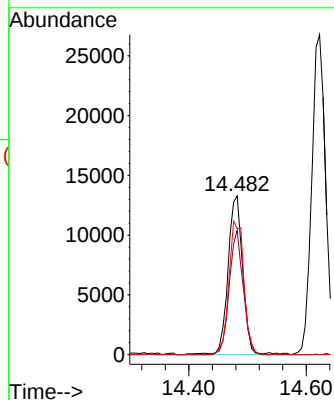
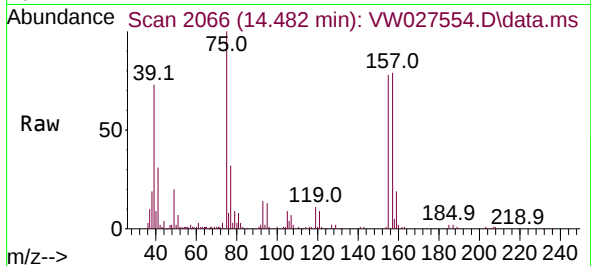




#68
1,2-Dibromo-3-chloropropane
Concen: 23.480 ug/L
RT: 14.482 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

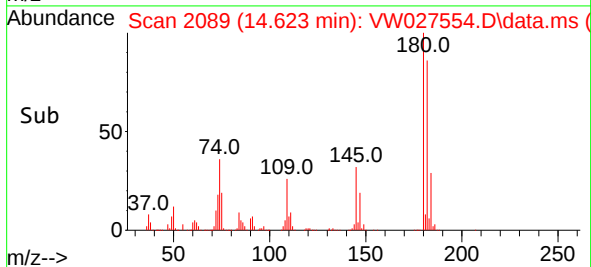
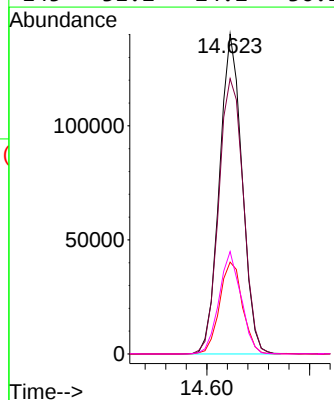
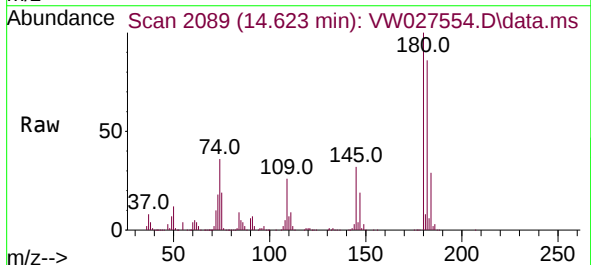
Instrument :
MSVOA_W
ClientSampleId :

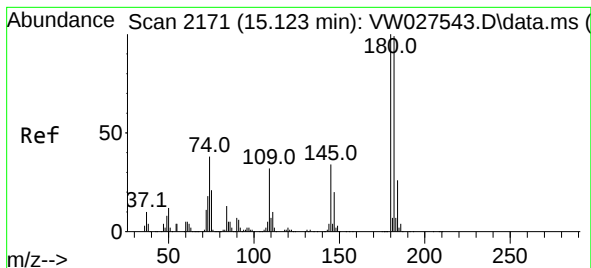
Tgt Ion: 75 Resp: 23122
Ion Ratio Lower Upper
75 100
155 78.3 59.0 88.6
157 79.3 68.6 102.8



#69
1,3,5-Trichlorobenzene
Concen: 23.324 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW027554.D
Acq: 06 Nov 2023 18:25

Tgt Ion: 180 Resp: 214171
Ion Ratio Lower Upper
180 100
182 93.5 78.4 117.6
184 29.2 23.4 35.0
145 31.2 24.2 36.2





#70

1,2,4-trichlorobenzene

Concen: 22.878 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

Instrument :

MSVOA_W

ClientSampleId :

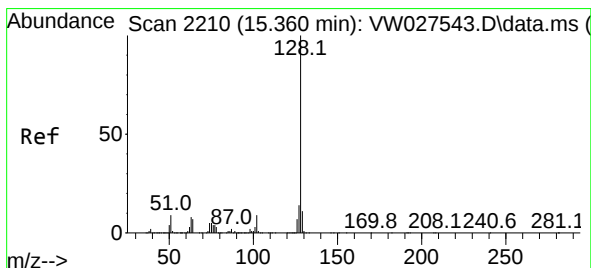
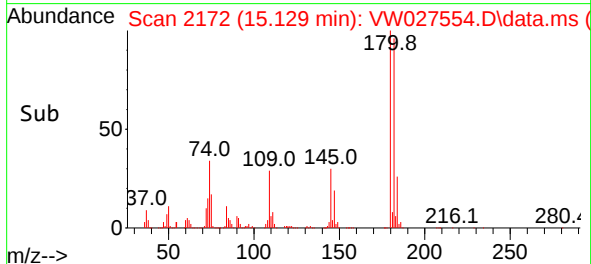
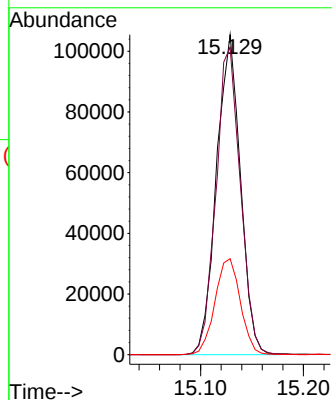
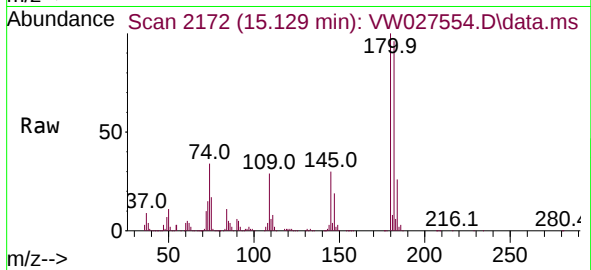
Tgt Ion:180 Resp: 170687

Ion Ratio Lower Upper

180 100

182 97.8 70.3 105.5

145 31.8 24.8 37.2



#71

Naphthalene

Concen: 24.662 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW027554.D

Acq: 06 Nov 2023 18:25

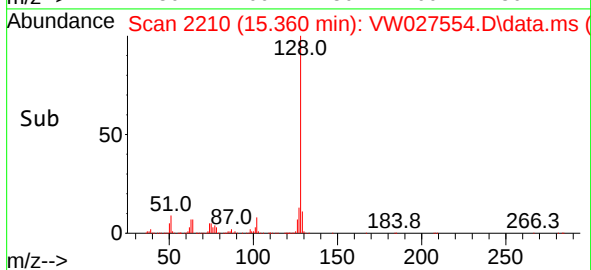
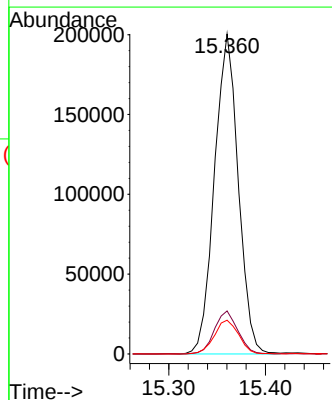
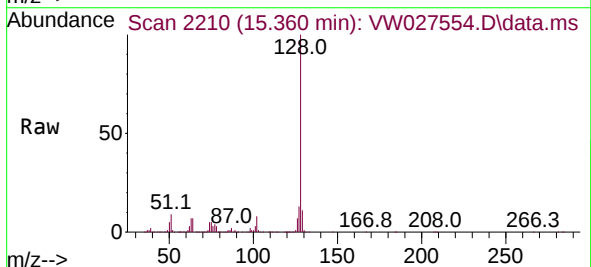
Tgt Ion:128 Resp: 342611

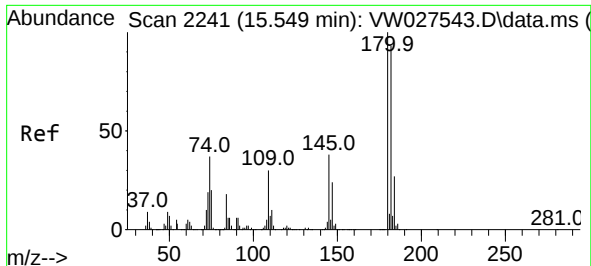
Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

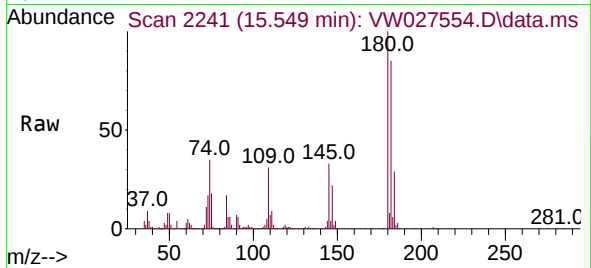
129 10.9 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 22.818 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027554.D
 Acq: 06 Nov 2023 18:25

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 141583
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.5 114.7
 145 34.1 27.5 41.3

