

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW033123\
 Data File : VW025543.D
 Acq On : 31 Mar 2023 19:24
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 01 00:41:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 01 00:35:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	692139	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	615926	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	307638	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	187591	16.301	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.200%
7) Chloroethane-d5	2.893	69	163288	19.719	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.880%
11) 1,1-Dichloroethene-d2	4.033	63	445574	20.046	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.200%
21) 2-Butanone-d5	7.075	46	147101	52.075	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.160%
24) Chloroform-d	7.648	84	493035	24.709	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.840%
26) 1,2-Dichloroethane-d4	8.307	65	266082	24.845	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.360%
32) Benzene-d6	8.276	84	972874	23.116	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.480%
36) 1,2-Dichloropropane-d6	9.270	67	314591	24.163	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.640%
41) Toluene-d8	10.319	98	855002	23.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.160%
43) trans-1,3-Dichloroprop...	10.575	79	115320	22.244	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.960%
47) 2-Hexanone-d5	10.922	63	99686	53.246	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	237526	24.902	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	272559	23.825	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	160693	20.315	ug/L	95
3) Chloromethane	2.223	50	229737	24.421	ug/L	97
5) Vinyl chloride	2.375	62	248693	23.399	ug/L	98
6) Bromomethane	2.790	94	139203	24.567	ug/L	96
8) Chloroethane	2.936	64	150228	24.593	ug/L	98
9) Trichlorofluoromethane	3.265	101	174559	18.976	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	220360	24.701	ug/L	99
13) Acetone	4.119	43	100305	36.938	ug/L	98
14) Carbon disulfide	4.393	76	623722	23.242	ug/L	100
15) Methyl Acetate	4.667	43	120512	23.657	ug/L	96
16) Methylene chloride	4.923	84	251831	26.130	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	230667	25.494	ug/L	92
18) Methyl tert-butyl Ether	5.429	73	359577	26.398	ug/L	99
19) 1,1-Dichloroethane	6.216	63	502453	26.817	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	260962	26.343	ug/L	97
22) 2-Butanone	7.167	43	154595	44.009	ug/L	98
23) Bromochloromethane	7.514	128	108444	25.456	ug/L	91
25) Chloroform	7.679	83	471698	26.780	ug/L	100
27) 1,2-Dichloroethane	8.398	62	320482	27.265	ug/L	100

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 Response via : Initial Calibration

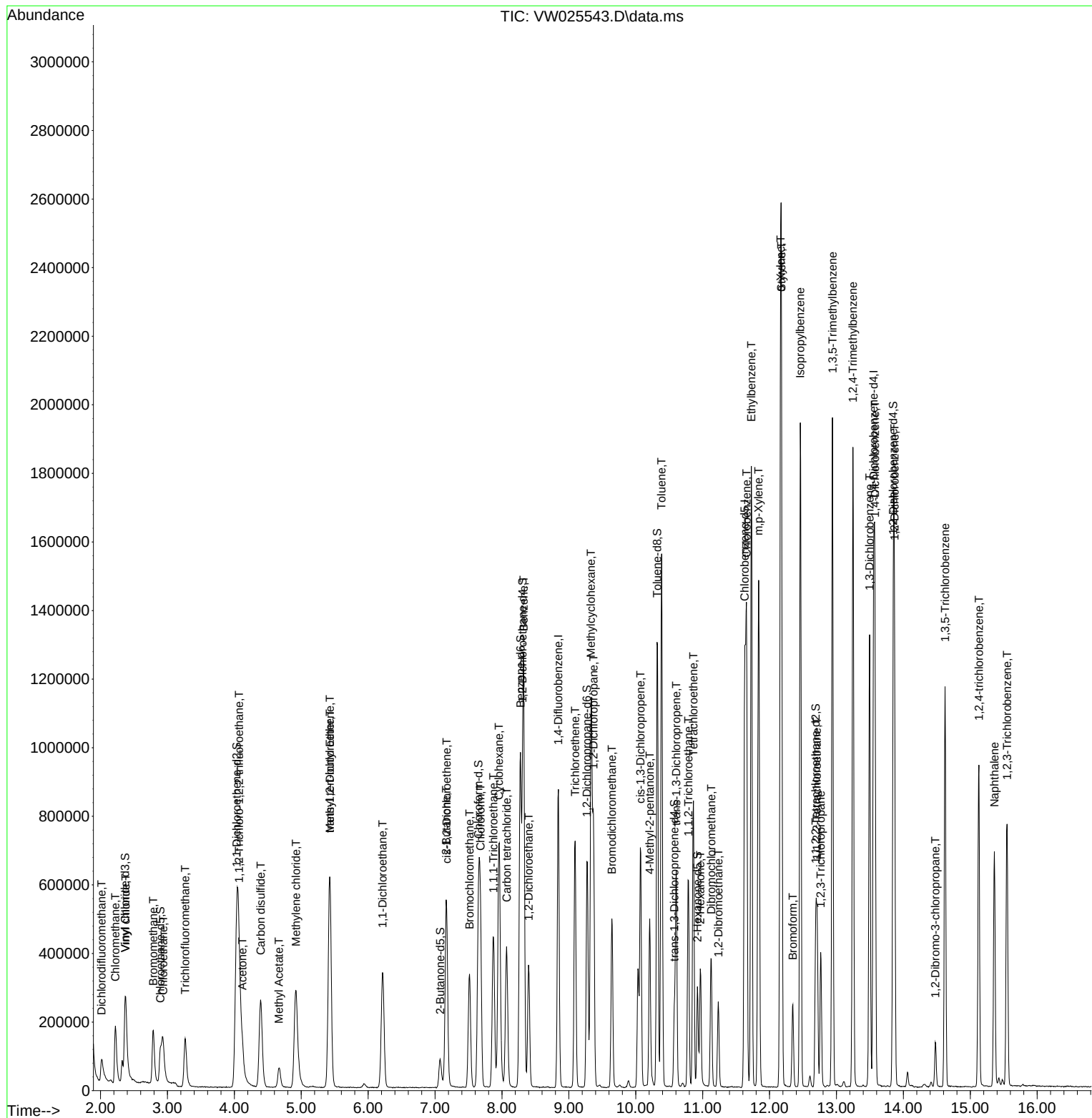
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.953	56	436249	25.092	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	360728	24.637	ug/L	99
31) Carbon tetrachloride	8.069	117	311954	23.769	ug/L	100
33) Benzene	8.325	78	1044535	26.525	ug/L	100
34) Trichloroethene	9.093	95	259869	25.143	ug/L	95
35) Methylcyclohexane	9.331	83	441496	24.797	ug/L	99
37) 1,2-Dichloropropane	9.368	63	290719	26.820	ug/L	99
38) Bromodichloromethane	9.642	83	331250	26.203	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	404181	25.883	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	337782	51.848	ug/L	99
42) Toluene	10.386	91	1101344	27.088	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	331994	25.387	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	186958	25.683	ug/L	97
46) Tetrachloroethene	10.861	164	179196	24.367	ug/L	98
48) 2-Hexanone	10.965	43	234621	50.056	ug/L	99
49) Dibromochloromethane	11.130	129	194984	25.069	ug/L	98
50) 1,2-Dibromoethane	11.233	107	165878	24.618	ug/L #	96
51) Chlorobenzene	11.654	112	659616	25.562	ug/L	99
52) Ethylbenzene	11.727	91	1228913	26.502	ug/L	97
53) m,p-Xylene	11.837	106	452688	26.468	ug/L	100
54) o-Xylene	12.166	106	430145	26.727	ug/L	95
55) Styrene	12.178	104	753501	27.416	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.709	83	227974	25.177	ug/L	97
59) Bromoform	12.349	173	107785	24.284	ug/L	98
60) Isopropylbenzene	12.459	105	1197488	26.112	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	164389	24.526	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	982258	27.044	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	964763	26.963	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	495789	25.513	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	496958	24.931	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	431591	24.763	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	35012	22.564	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	331456	25.092	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	275770	25.179	ug/L	100
71) Naphthalene	15.360	128	553845	25.618	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	245978	25.004	ug/L	99

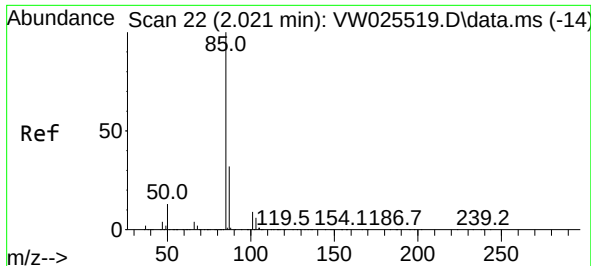
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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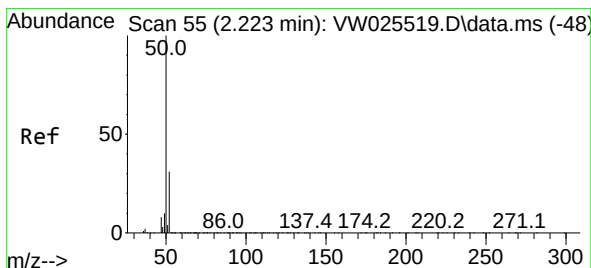
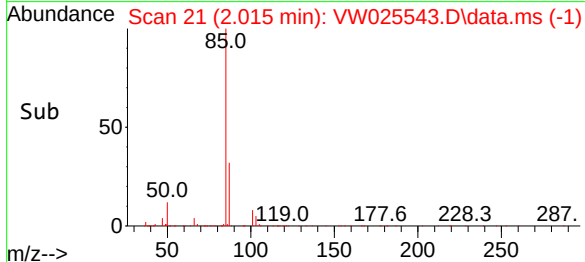
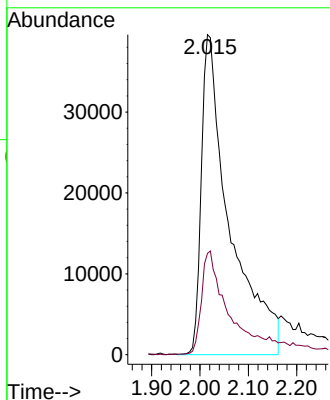
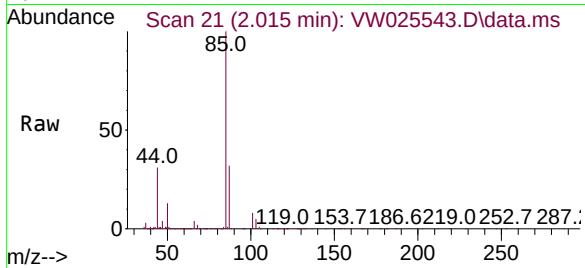




#2
 Dichlorodifluoromethane
 Concen: 20.315 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW025543.D
 Acq: 31 Mar 2023 19:24

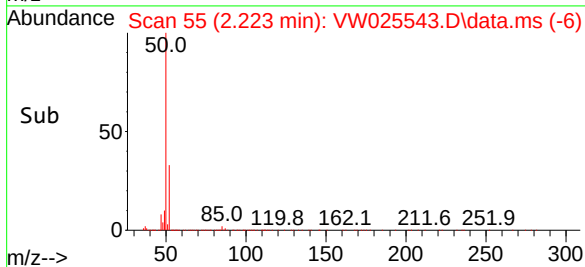
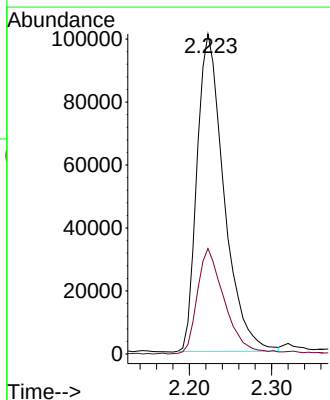
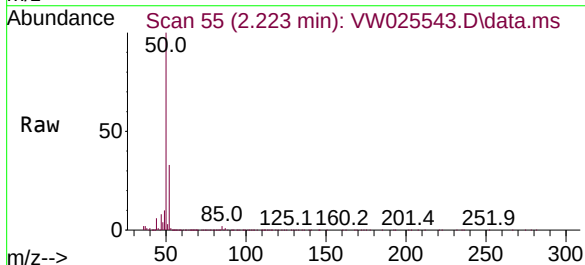
Instrument :
 MSVOA_W
 ClientSampleId :

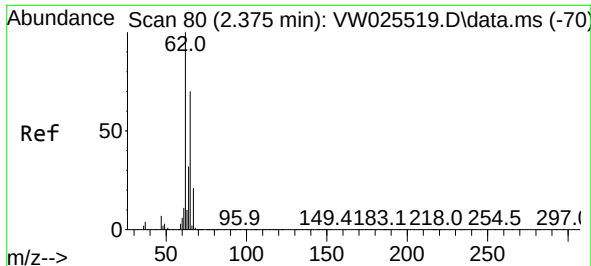
Tgt Ion: 85 Resp: 160693
 Ion Ratio Lower Upper
 85 100
 87 28.0 20.5 30.7



#3
 Chloromethane
 Concen: 24.421 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW025543.D
 Acq: 31 Mar 2023 19:24

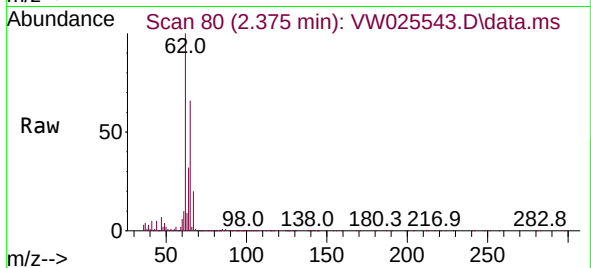
Tgt Ion: 50 Resp: 229737
 Ion Ratio Lower Upper
 50 100
 52 32.9 21.9 40.7



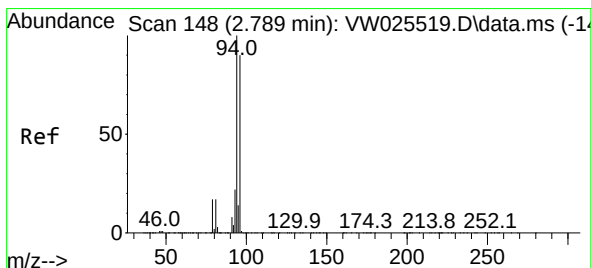
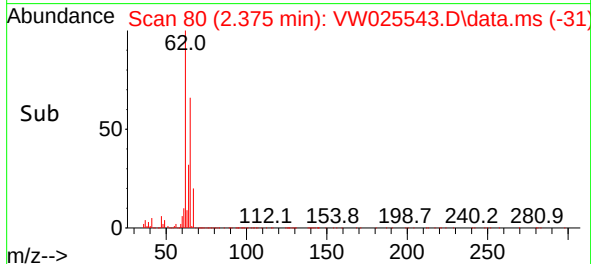
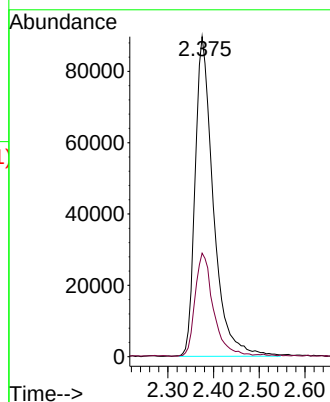


#5
 Vinyl chloride
 Concen: 23.399 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW025543.D
 Acq: 31 Mar 2023 19:24

Instrument :
 MSVOA_W
 ClientSampleId :

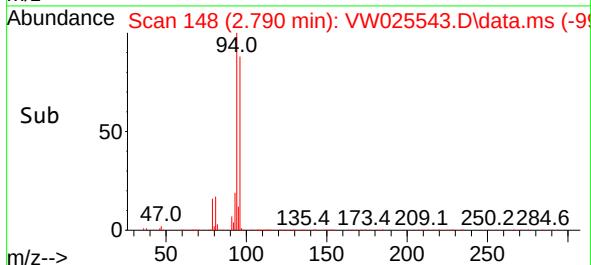
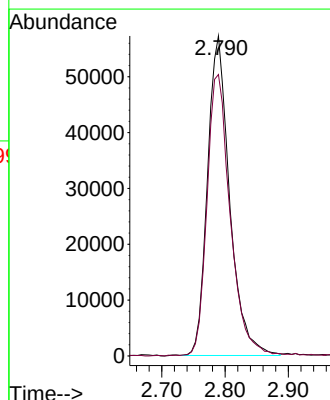
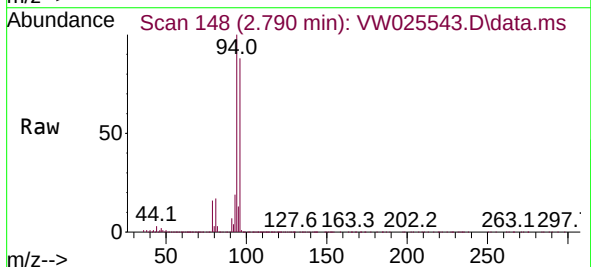


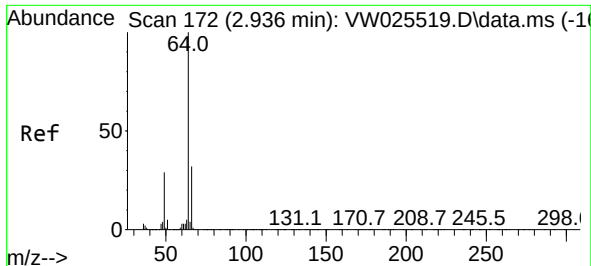
Tgt Ion: 62 Resp: 248693
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.4 43.6



#6
 Bromomethane
 Concen: 24.567 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW025543.D
 Acq: 31 Mar 2023 19:24

Tgt Ion: 94 Resp: 139203
 Ion Ratio Lower Upper
 94 100
 96 88.0 64.5 119.9

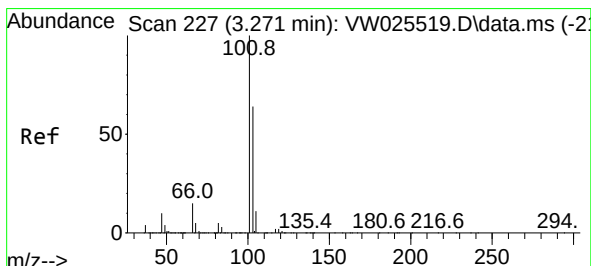
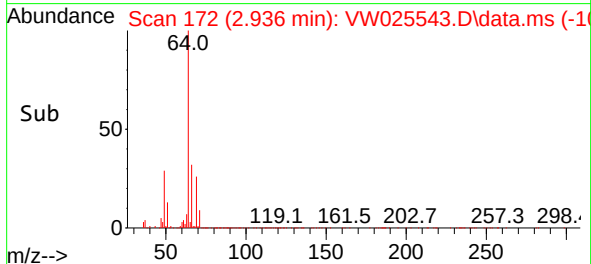
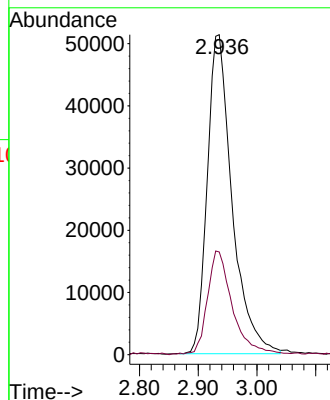
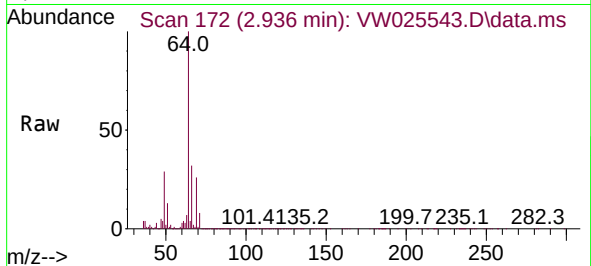




#8
Chloroethane
Concen: 24.593 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

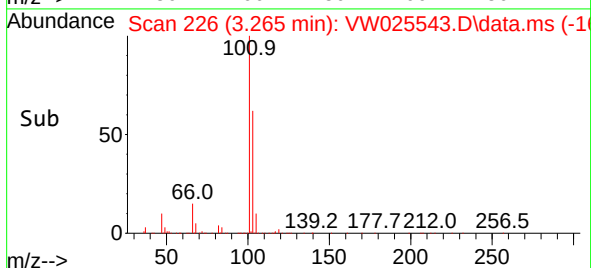
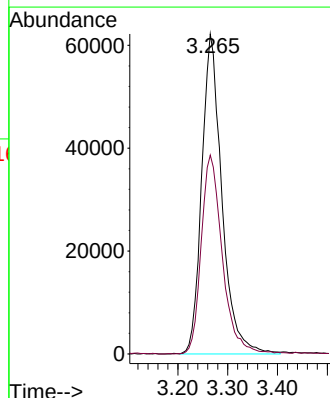
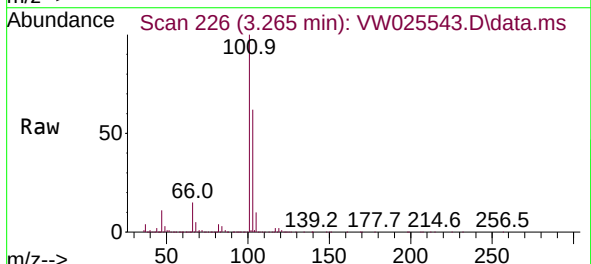
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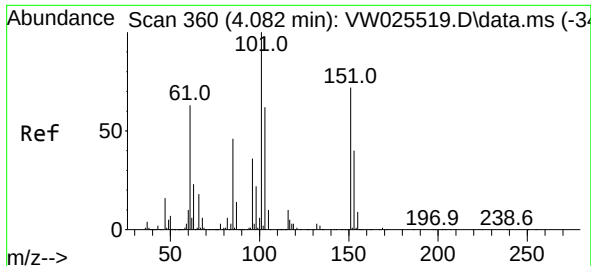
Tgt Ion: 64 Resp: 150228
Ion Ratio Lower Upper
64 100
66 32.1 23.3 43.3



#9
Trichlorofluoromethane
Concen: 18.976 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion:101 Resp: 174559
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

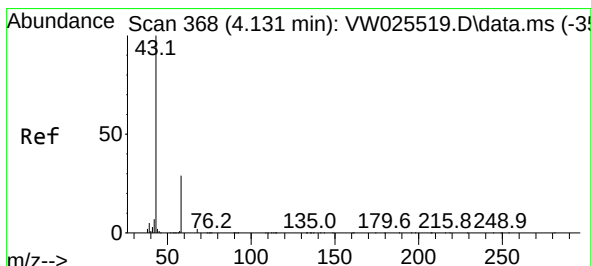
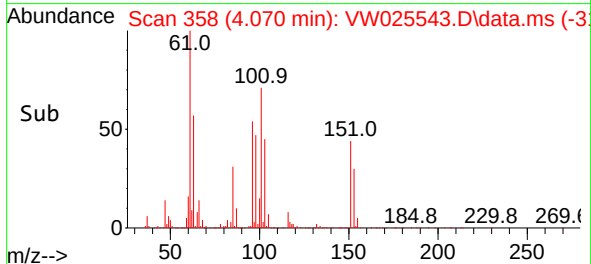
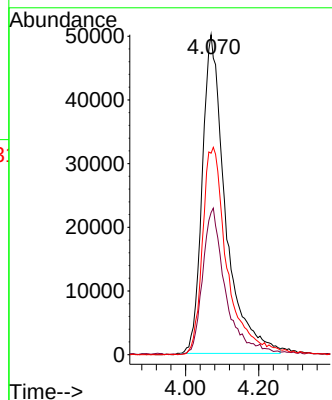
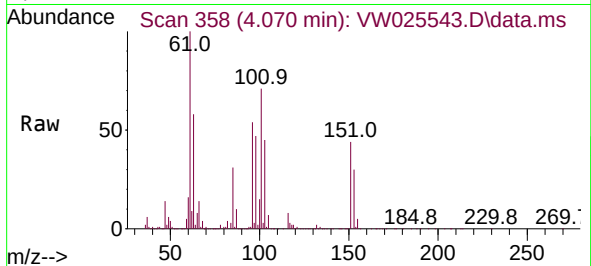




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.701 ug/L
 RT: 4.070 min Scan# 310
 Delta R.T. -0.012 min
 Lab File: VW025543.D
 Acq: 31 Mar 2023 19:24

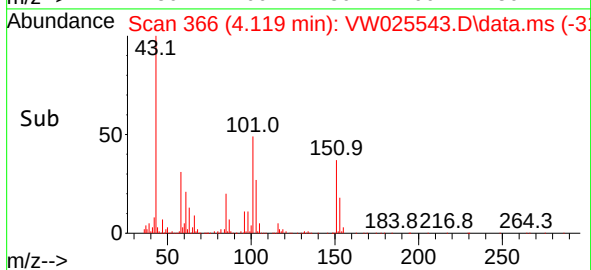
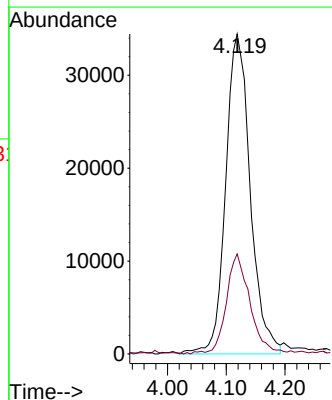
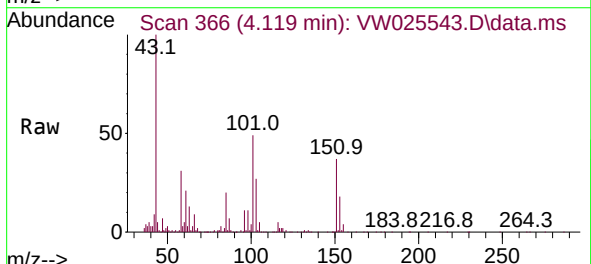
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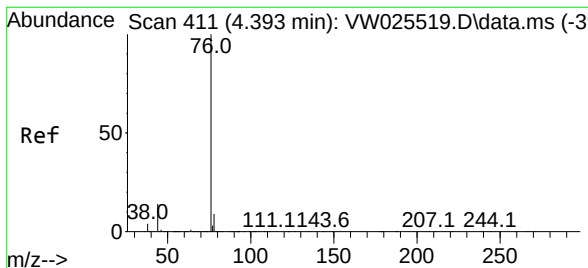
Tgt Ion:101 Resp: 220360
 Ion Ratio Lower Upper
 101 100
 85 44.0 35.8 53.8
 151 66.9 54.2 81.2



#13
 Acetone
 Concen: 36.938 ug/L
 RT: 4.119 min Scan# 366
 Delta R.T. -0.012 min
 Lab File: VW025543.D
 Acq: 31 Mar 2023 19:24

Tgt Ion: 43 Resp: 100305
 Ion Ratio Lower Upper
 43 100
 58 28.8 0.0 60.0





#14

Carbon disulfide

Concen: 23.242 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.000 min

Lab File: VW025543.D

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Instrument :

MSVOA_W

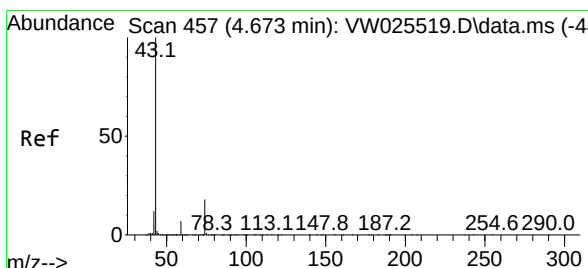
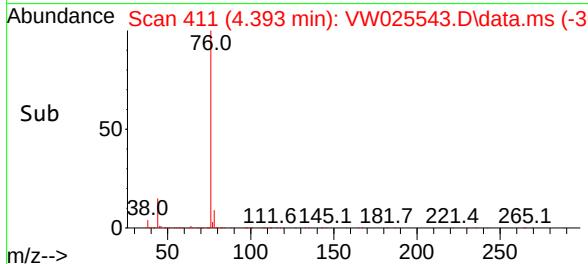
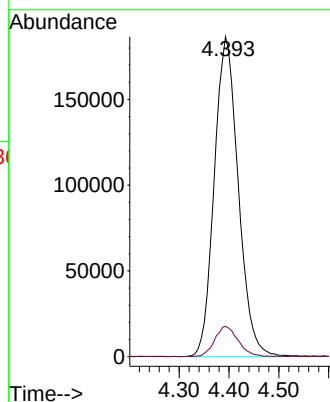
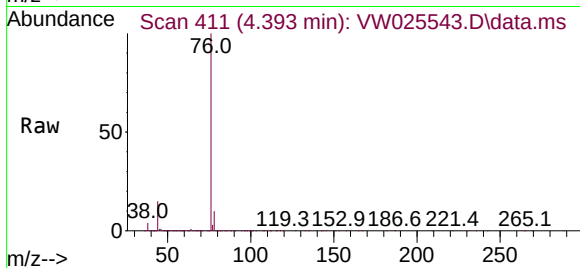
ClientSampleId :

Tgt Ion: 76 Resp: 623722

Ion Ratio Lower Upper

76 100

78 9.5 7.6 11.4



#15

Methyl Acetate

Concen: 23.657 ug/L

RT: 4.667 min Scan# 456

Delta R.T. -0.006 min

Lab File: VW025543.D

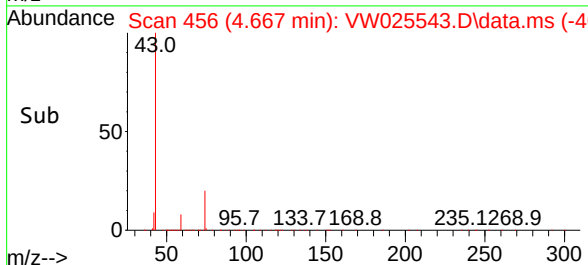
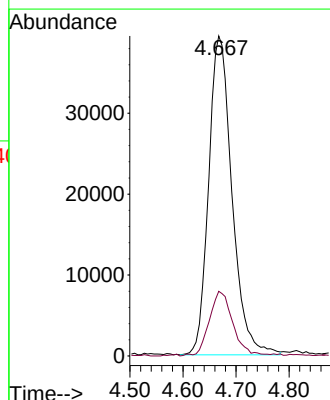
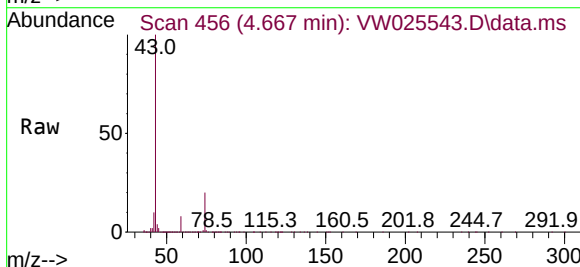
Acq: 31 Mar 2023 19:24

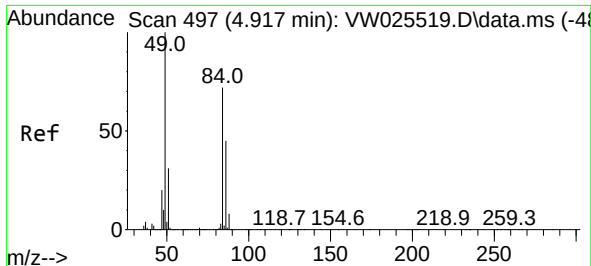
Tgt Ion: 43 Resp: 120512

Ion Ratio Lower Upper

43 100

74 19.2 17.0 25.4

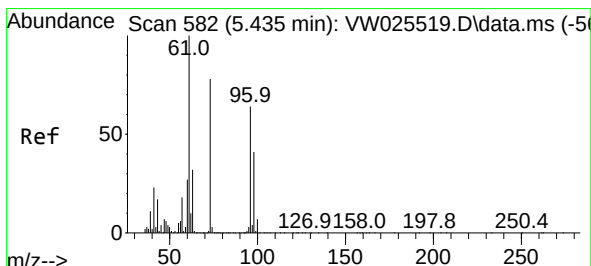
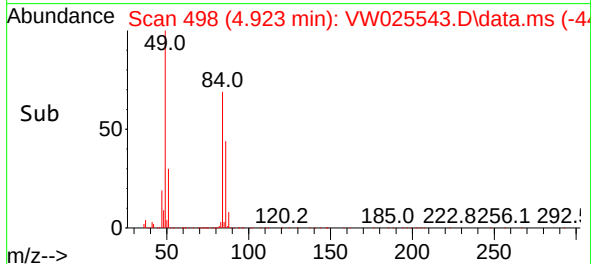
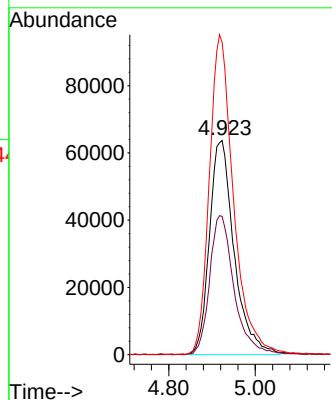
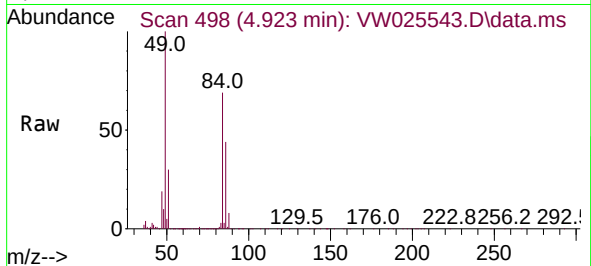




#16
Methylene chloride
Concen: 26.130 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

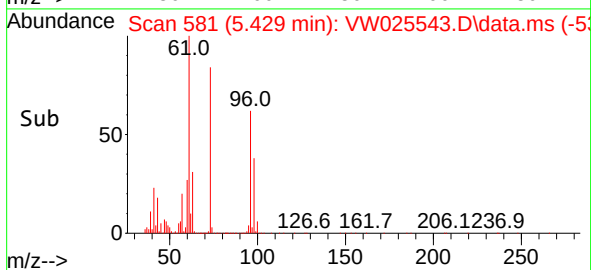
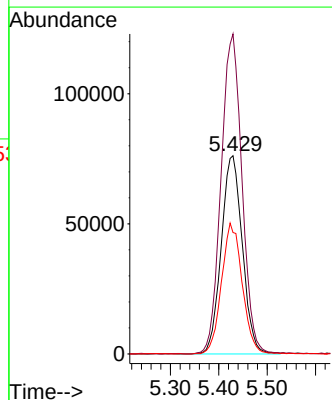
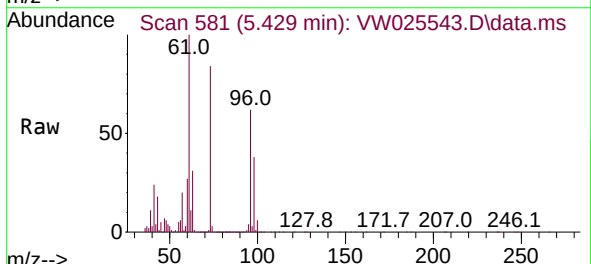
Instrument :
MSVOA_W
ClientSampleId :

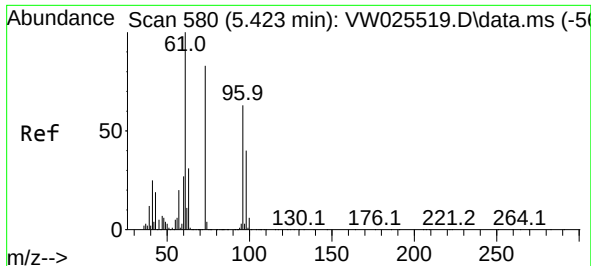
Tgt Ion: 84 Resp: 251831
Ion Ratio Lower Upper
84 100
86 64.5 45.1 83.7
49 145.8 94.7 175.9



#17
trans-1,2-Dichloroethene
Concen: 25.494 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion: 96 Resp: 230667
Ion Ratio Lower Upper
96 100
61 161.4 103.0 191.4
98 61.3 43.4 80.6

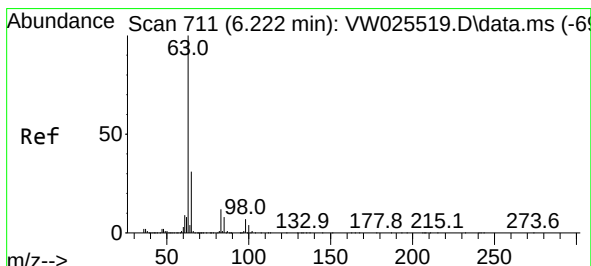
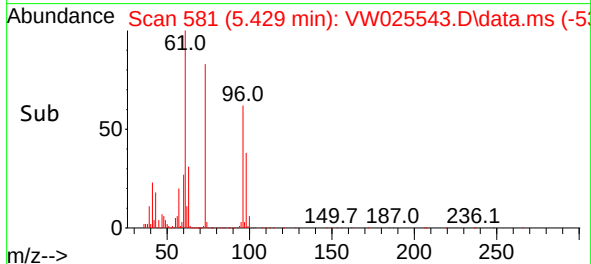
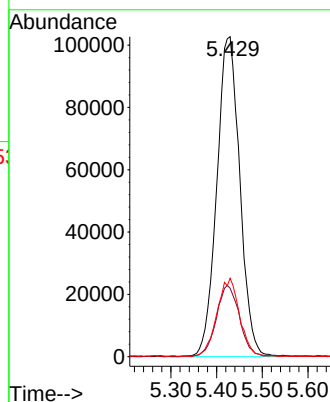
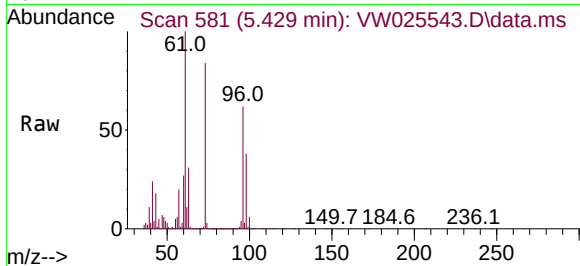




#18
Methyl tert-butyl Ether
Concen: 26.398 ug/L
RT: 5.429 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

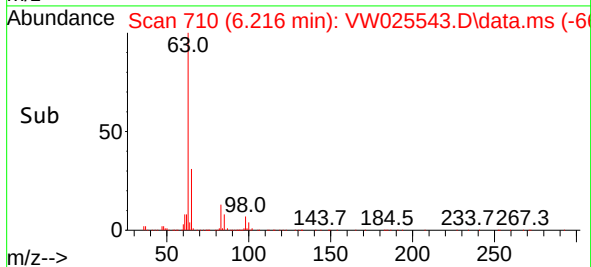
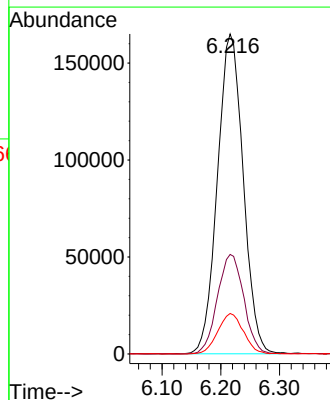
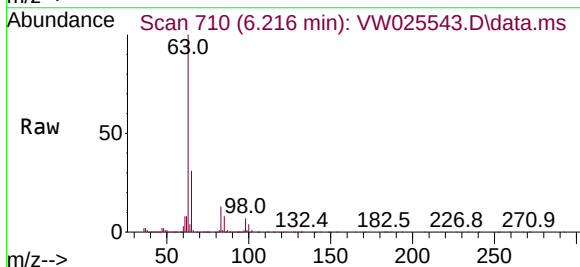
Instrument :
MSVOA_W
ClientSampleId :

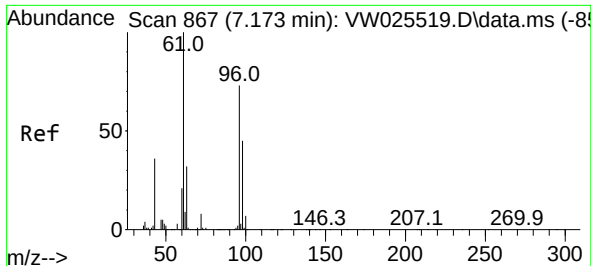
Tgt Ion: 73 Resp: 359577
Ion Ratio Lower Upper
73 100
43 21.9 17.6 26.4
57 24.1 18.6 28.0



#19
1,1-Dichloroethane
Concen: 26.817 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion: 63 Resp: 502453
Ion Ratio Lower Upper
63 100
65 31.1 21.7 40.3
83 12.7 8.4 15.6

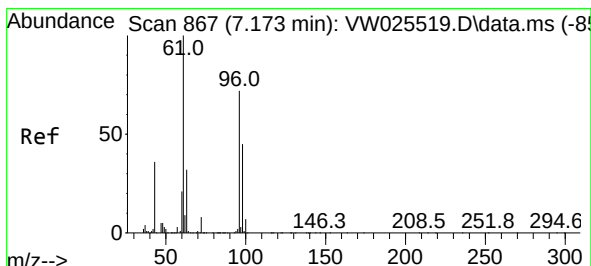
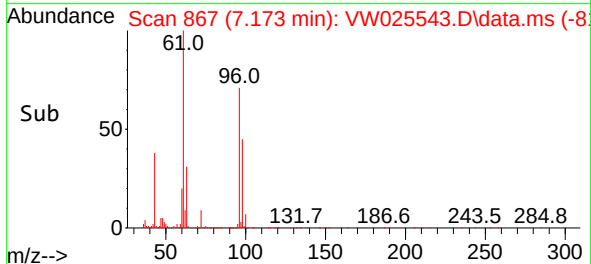
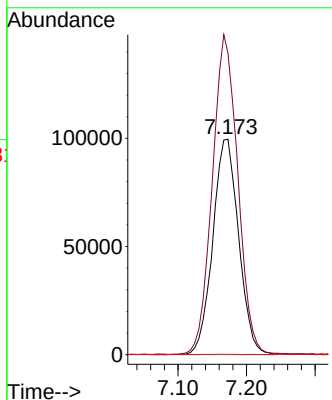
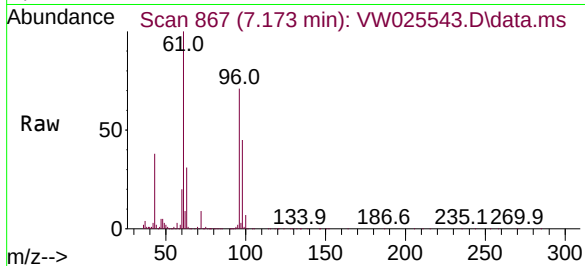




#20
 cis-1,2-Dichloroethene
 Concen: 26.343 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.000 min
 Lab File: VW025543.D
 Acq: 31 Mar 2023 19:24

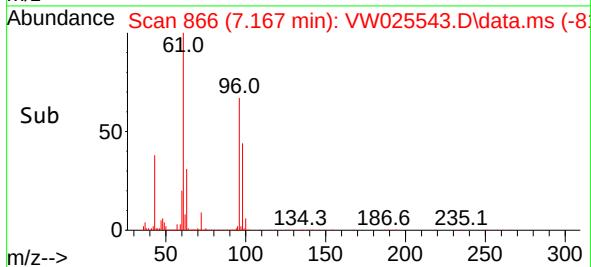
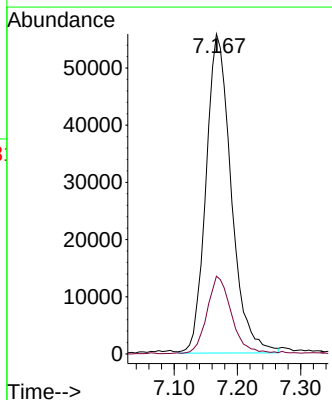
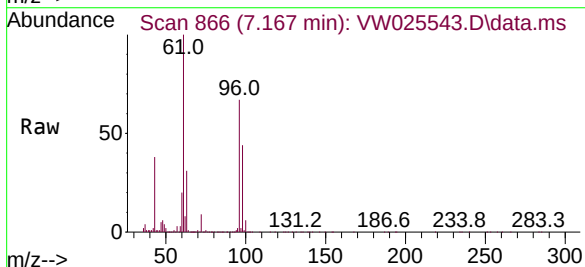
Instrument :
 MSVOA_W
 ClientSampleId :

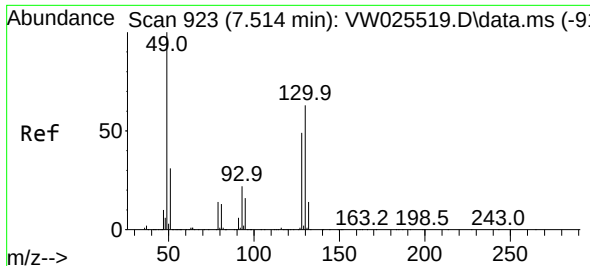
Tgt Ion: 96 Resp: 260962
 Ion Ratio Lower Upper
 96 100
 61 140.0 95.5 177.4
 68 0.1 0.1 0.1



#22
 2-Butanone
 Concen: 44.009 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW025543.D
 Acq: 31 Mar 2023 19:24

Tgt Ion: 43 Resp: 154595
 Ion Ratio Lower Upper
 43 100
 72 23.2 12.0 36.1

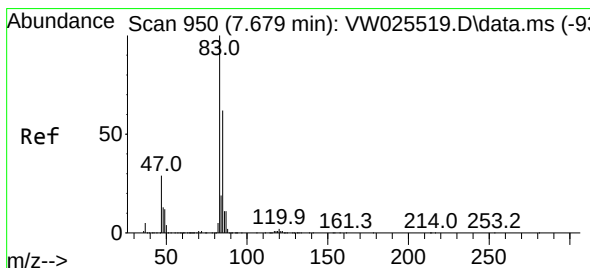
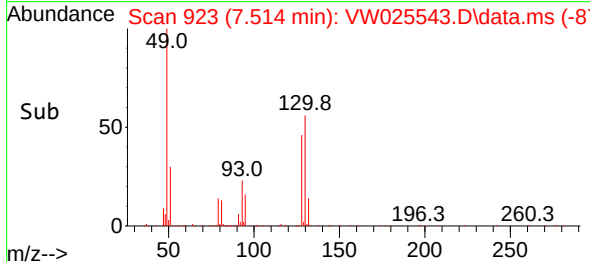
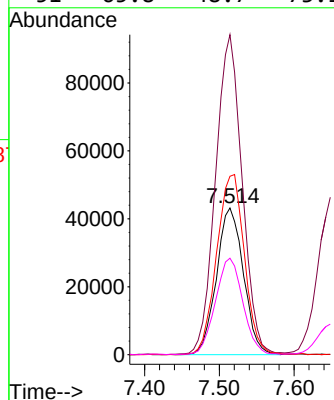
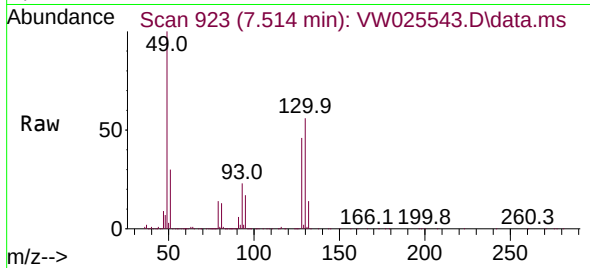




#23
Bromochloromethane
Concen: 25.456 ug/L
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

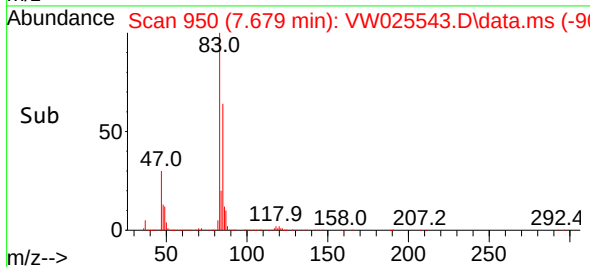
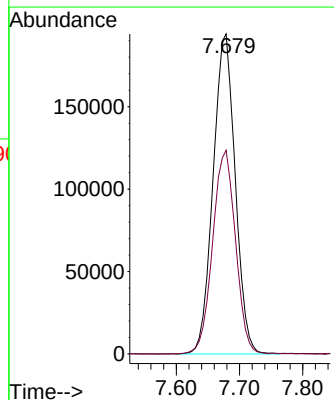
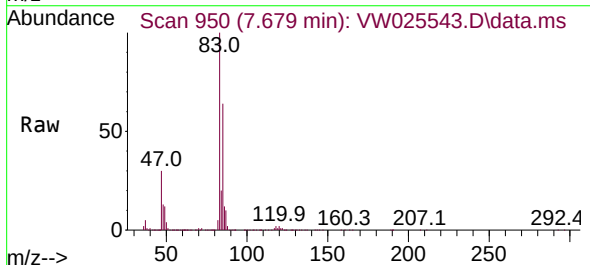
Instrument :
MSVOA_W
ClientSampleId :

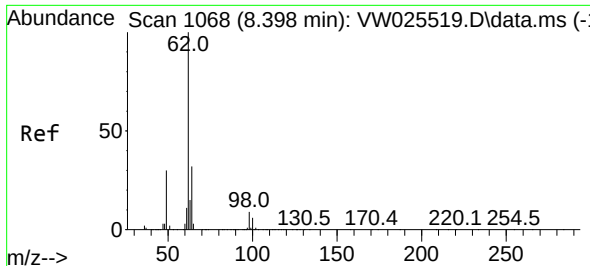
Tgt Ion:128 Resp: 108444
Ion Ratio Lower Upper
128 100
49 218.0 140.6 261.0
130 121.5 80.8 150.0
51 65.8 48.7 73.1



#25
Chloroform
Concen: 26.780 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion: 83 Resp: 471698
Ion Ratio Lower Upper
83 100
85 63.6 44.7 82.9





#27

1,2-Dichloroethane

Concen: 27.265 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

Instrument :

MSVOA_W

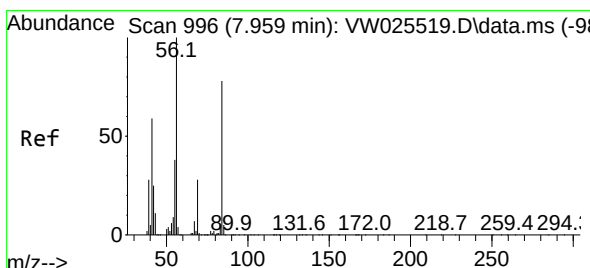
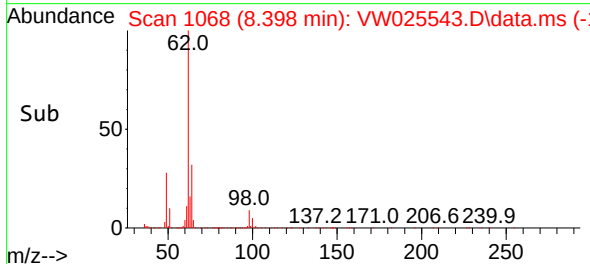
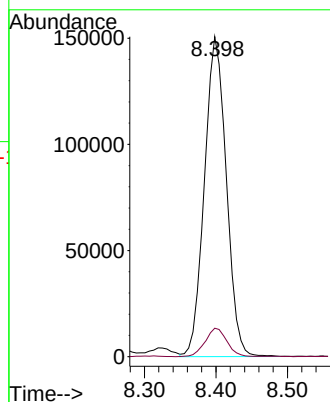
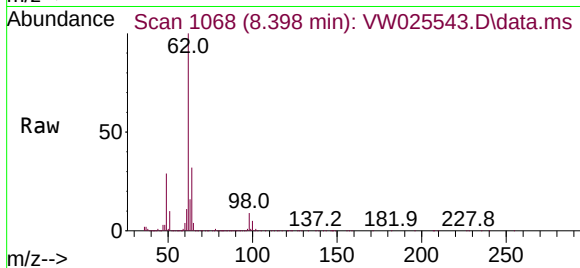
ClientSampleId :

Tgt Ion: 62 Resp: 320482

Ion Ratio Lower Upper

62 100

98 8.9 7.2 10.8



#29

Cyclohexane

Concen: 25.092 ug/L

RT: 7.953 min Scan# 995

Delta R.T. -0.006 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

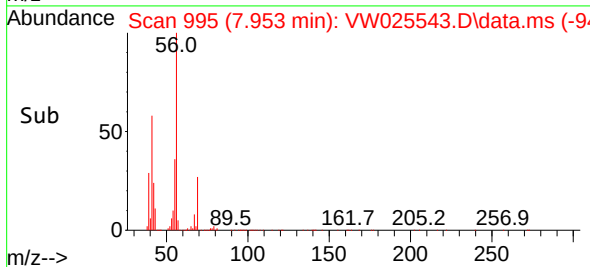
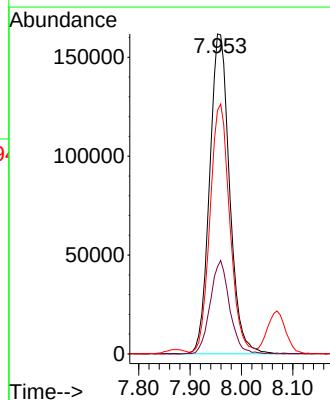
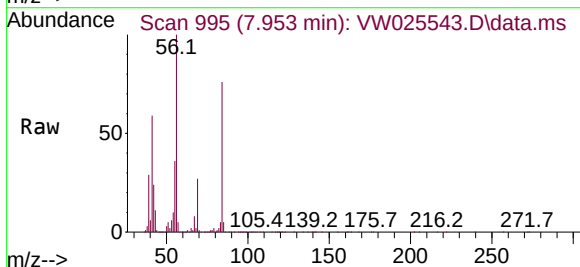
Tgt Ion: 56 Resp: 436249

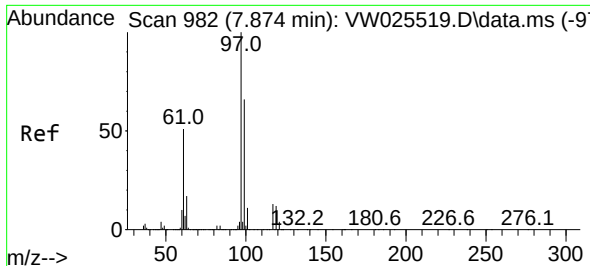
Ion Ratio Lower Upper

56 100

69 28.5 23.1 34.7

84 77.8 63.9 95.9

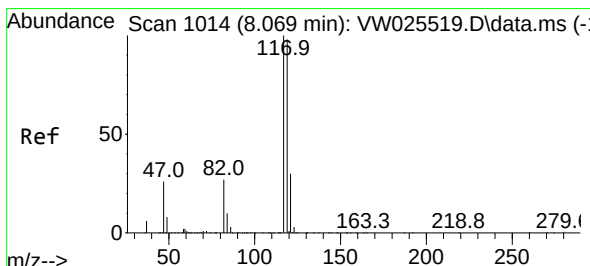
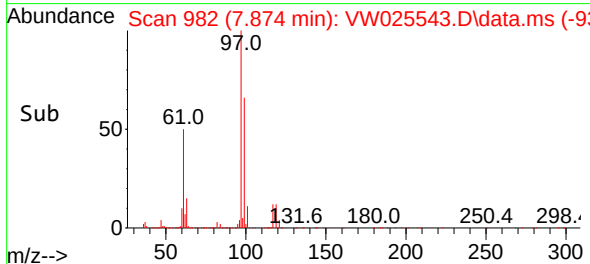
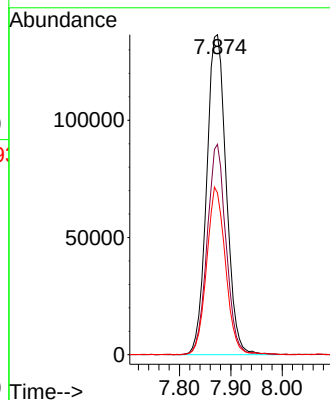
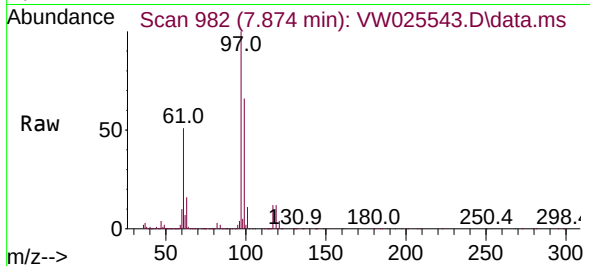




#30
1,1,1-Trichloroethane
Concen: 24.637 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

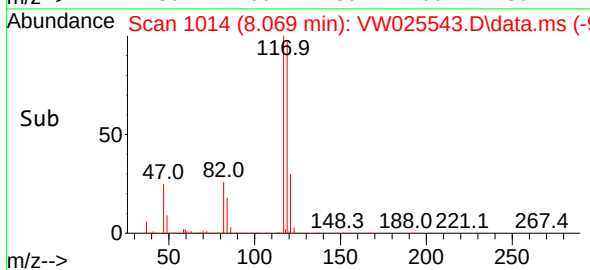
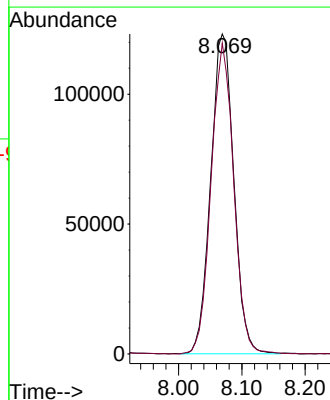
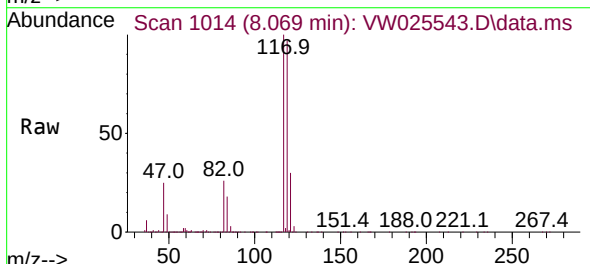
Instrument :
MSVOA_W
ClientSampleId :

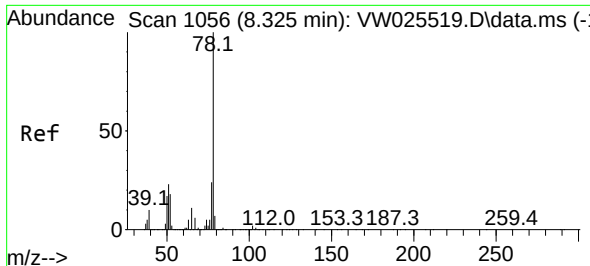
Tgt Ion: 97 Resp: 360728
Ion Ratio Lower Upper
97 100
99 63.3 50.9 76.3
61 50.3 39.8 59.6



#31
Carbon tetrachloride
Concen: 23.769 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion: 117 Resp: 311954
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6

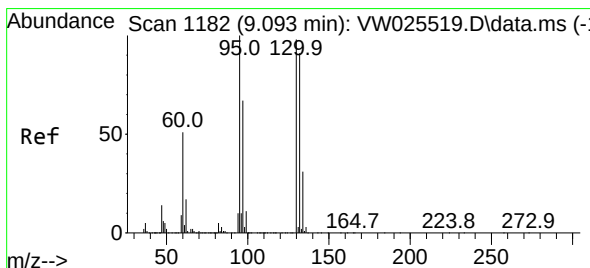
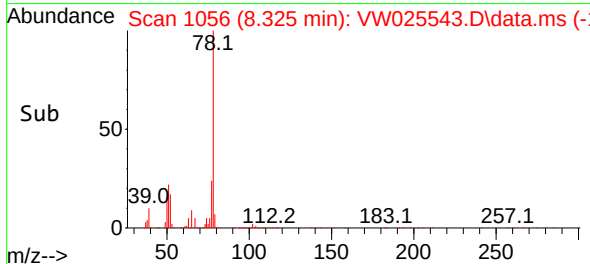
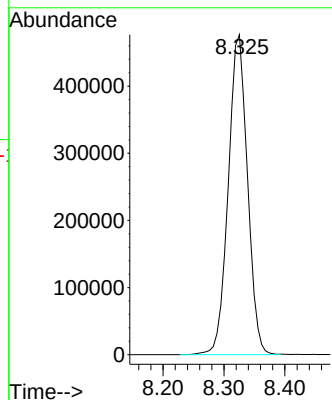
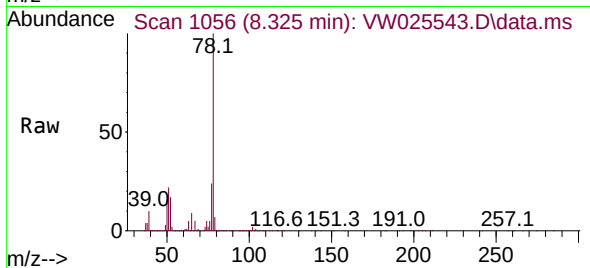




#33
Benzene
Concen: 26.525 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Instrument :
MSVOA_W
ClientSampleId :

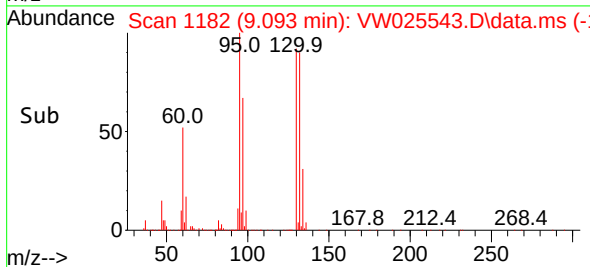
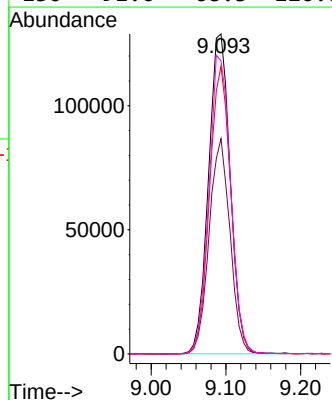
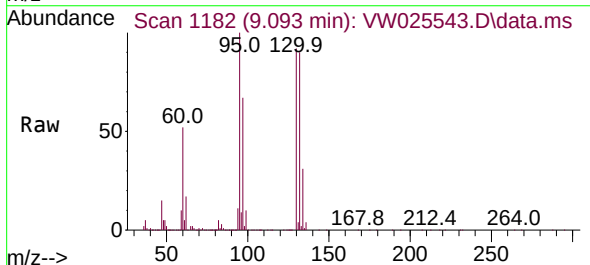
Tgt Ion: 78 Resp: 1044535

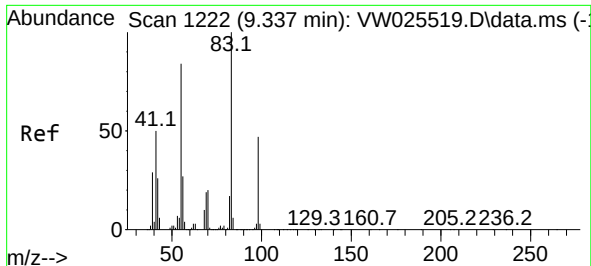


#34
Trichloroethene
Concen: 25.143 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion: 95 Resp: 259869

Ion	Ratio	Lower	Upper
95	100		
97	67.3	43.8	81.4
132	89.9	65.9	122.3
130	91.6	68.3	126.8





#35

Methylcyclohexane

Concen: 24.797 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW025543.D

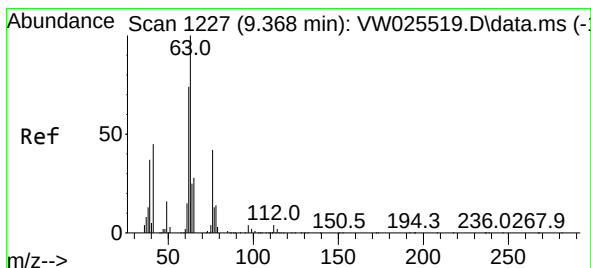
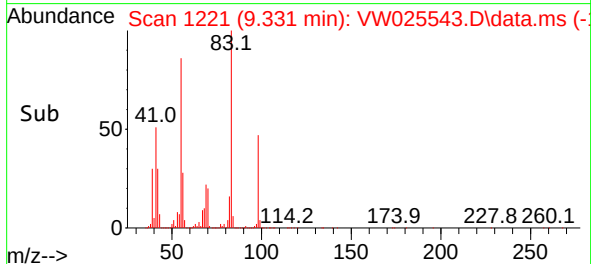
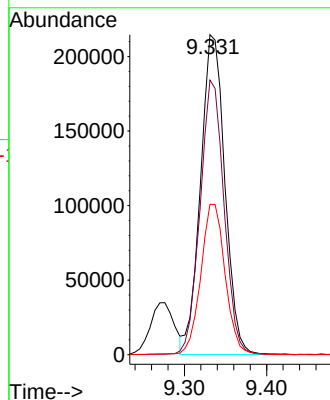
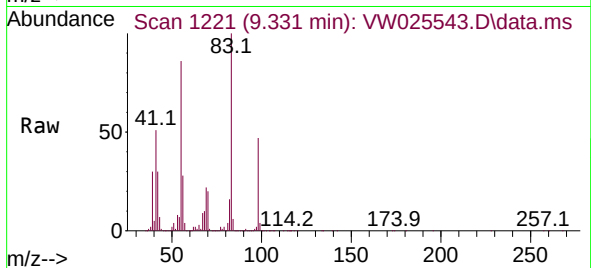
Acq: 31 Mar 2023 19:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 441496
Ion Ratio	Lower Upper
83	100
55	84.6 68.2 102.4
98	47.3 39.0 58.4



#37

1,2-Dichloropropane

Concen: 26.820 ug/L

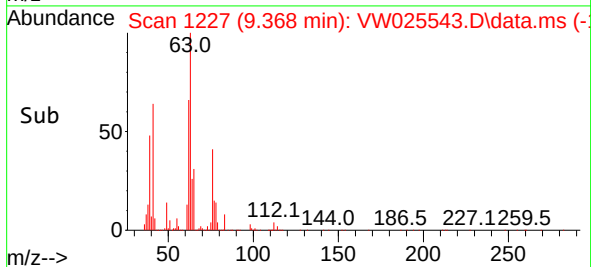
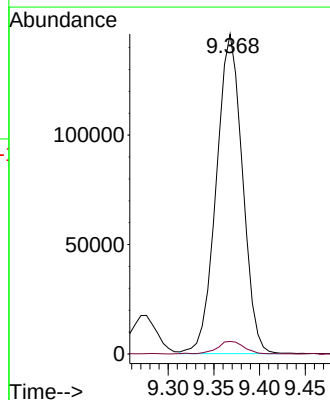
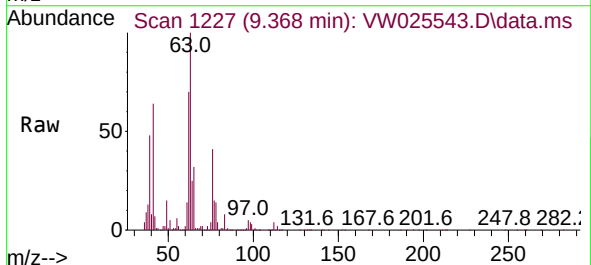
RT: 9.368 min Scan# 1227

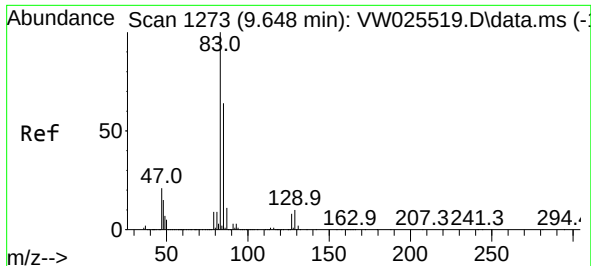
Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

Tgt Ion: 63	Resp: 290719
Ion Ratio	Lower Upper
63	100
112	3.8 3.2 4.8





#38

Bromodichloromethane

Concen: 26.203 ug/L

RT: 9.642 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

Instrument :

MSVOA_W

ClientSampleId :

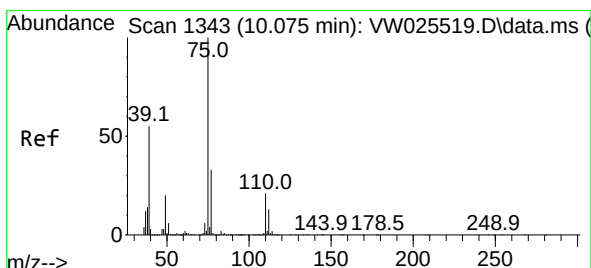
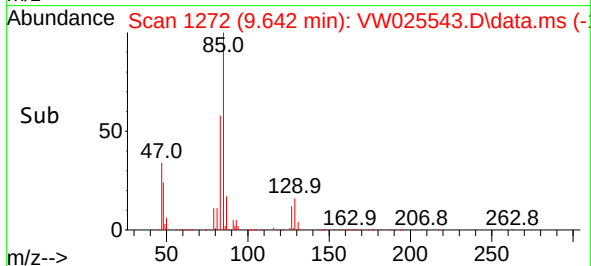
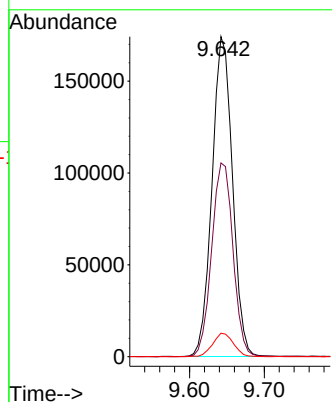
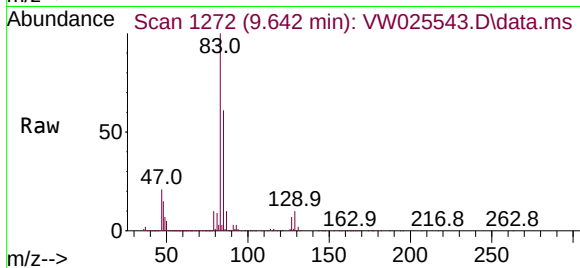
Tgt Ion: 83 Resp: 331250

Ion Ratio Lower Upper

83 100

85 60.5 44.7 83.1

127 7.3 6.1 9.1



#39

cis-1,3-Dichloropropene

Concen: 25.883 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.006 min

Lab File: VW025543.D

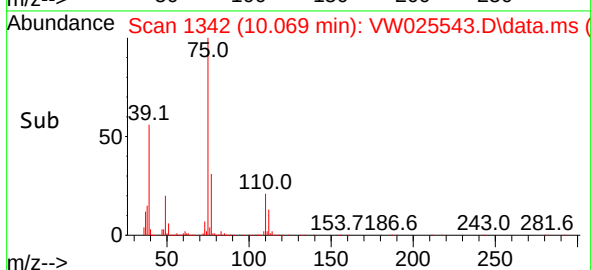
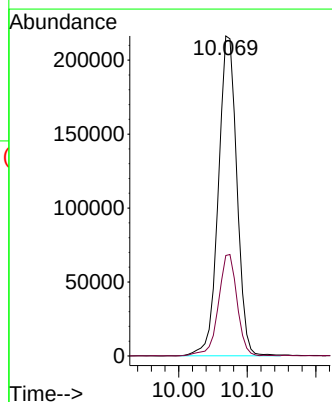
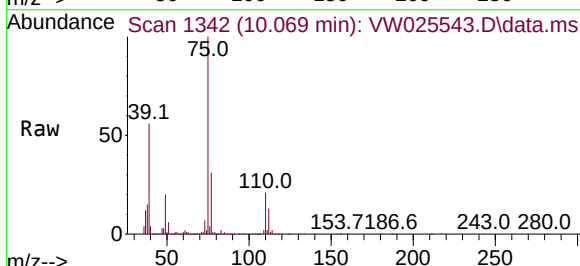
Acq: 31 Mar 2023 19:24

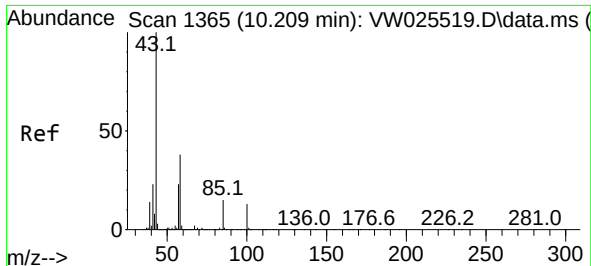
Tgt Ion: 75 Resp: 404181

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0

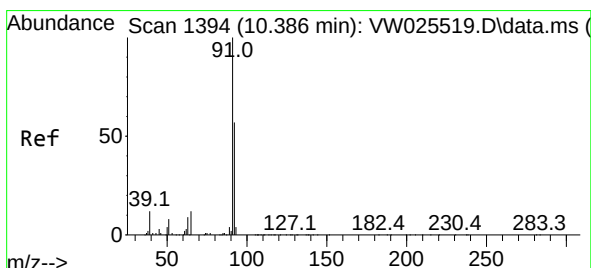
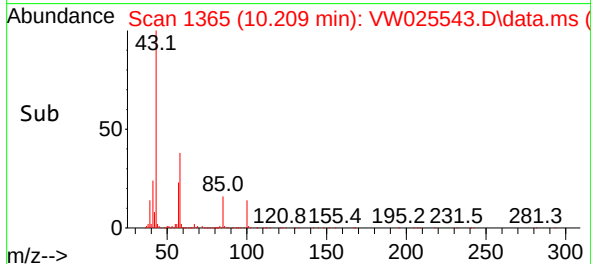
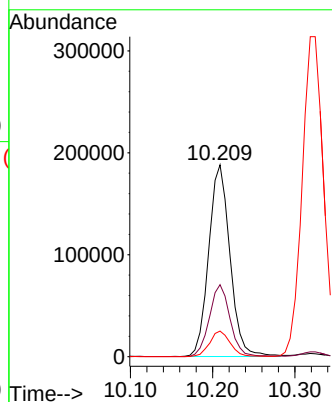
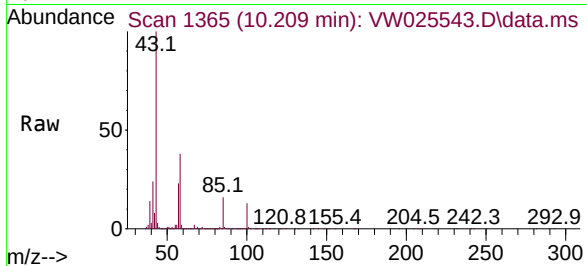




#40
4-Methyl-2-pentanone
Concen: 51.848 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

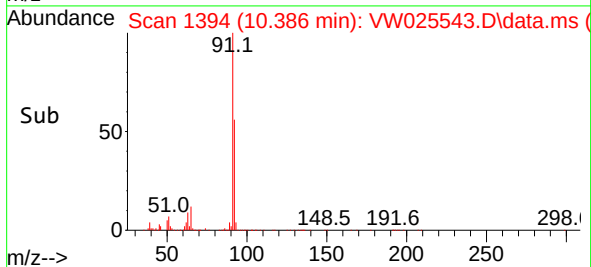
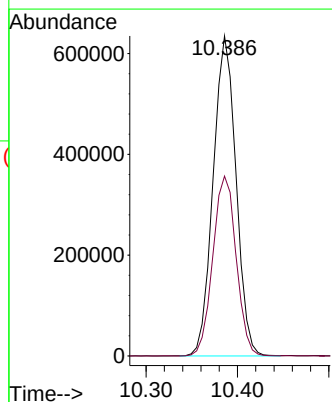
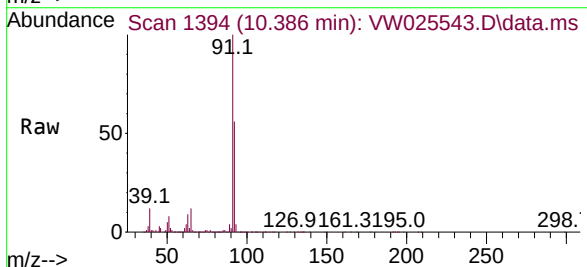
Instrument :
MSVOA_W
ClientSampleId :

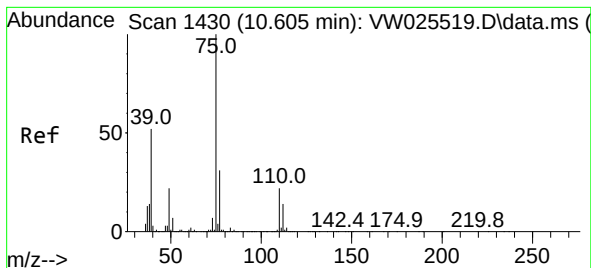
Tgt Ion: 43 Resp: 337782
Ion Ratio Lower Upper
43 100
58 36.4 29.6 44.4
100 13.1 10.6 16.0



#42
Toluene
Concen: 27.088 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion: 91 Resp: 1101344
Ion Ratio Lower Upper
91 100
92 56.2 41.6 77.3





#44

trans-1,3-Dichloropropene

Concen: 25.387 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

Instrument :

MSVOA_W

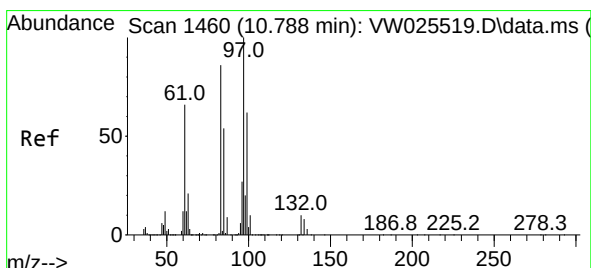
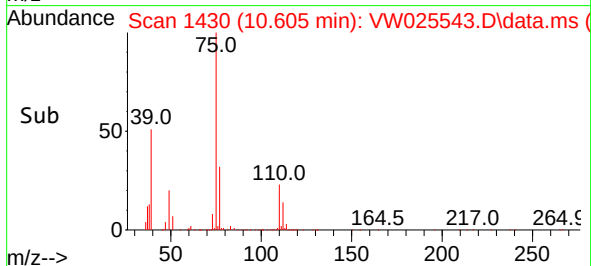
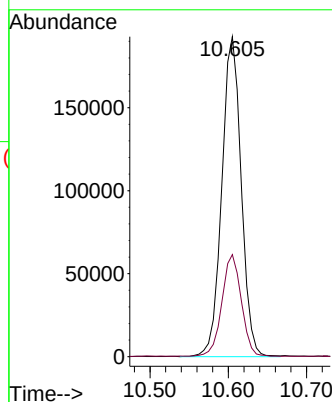
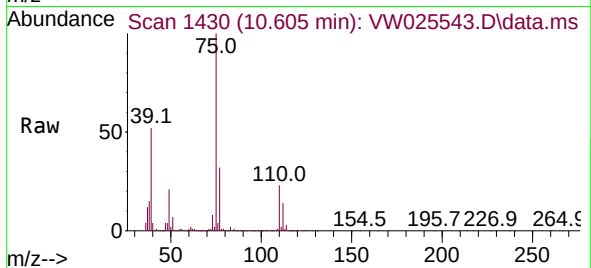
ClientSampleId :

Tgt Ion: 75 Resp: 331994

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.3



#45

1,1,2-Trichloroethane

Concen: 25.683 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

Tgt Ion: 97 Resp: 186958

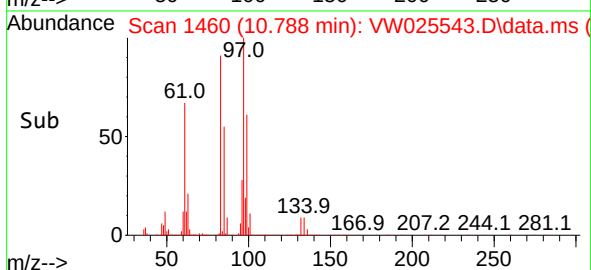
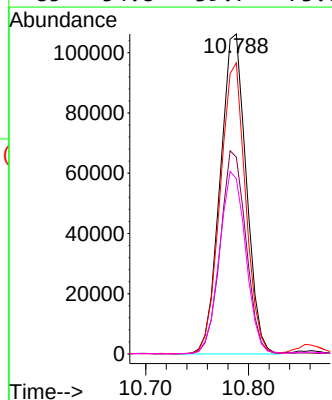
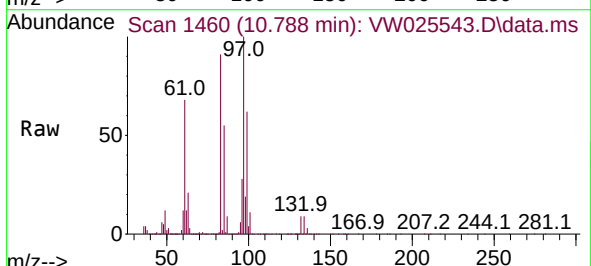
Ion Ratio Lower Upper

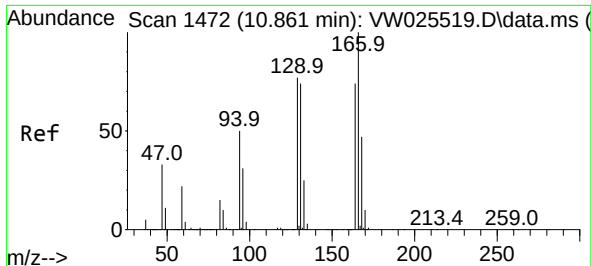
97 100

99 61.5 42.6 79.0

83 91.0 60.5 112.3

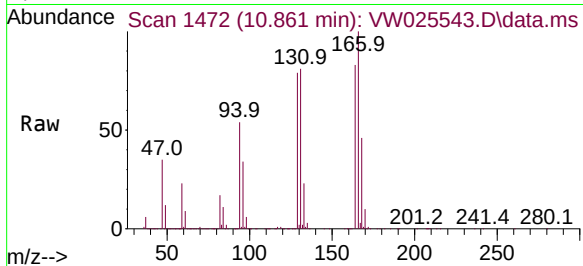
85 54.8 39.7 73.7



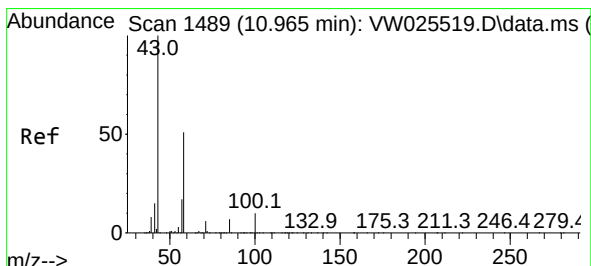
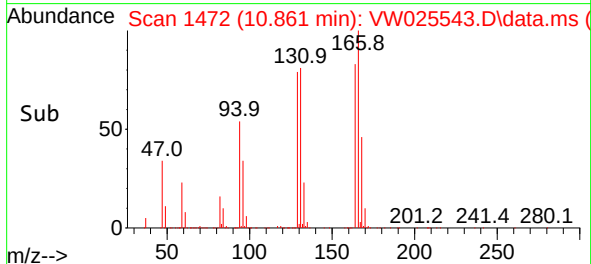
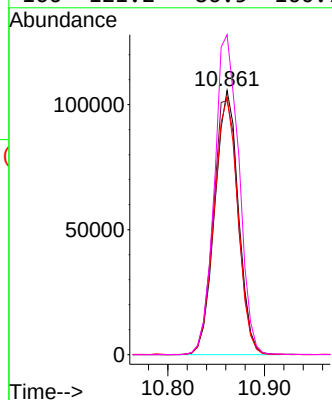


#46
Tetrachloroethene
Concen: 24.367 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Instrument :
MSVOA_W
ClientSampleId :

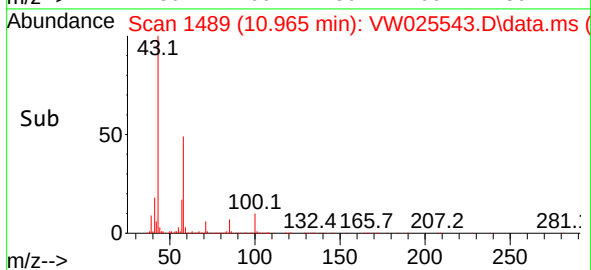
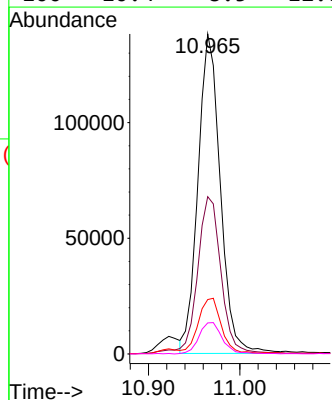
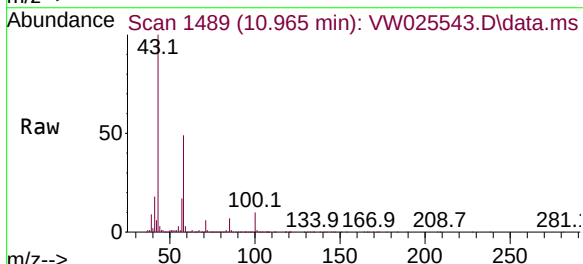


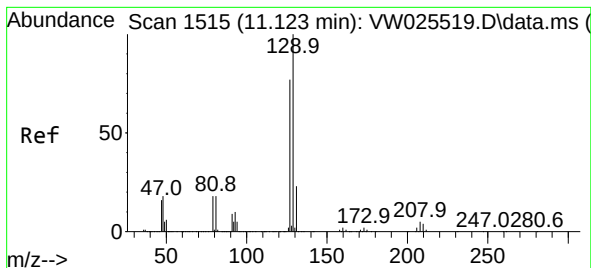
Tgt Ion:164 Resp: 179196
Ion Ratio Lower Upper
164 100
129 96.2 67.7 125.7
131 97.6 67.0 124.4
166 121.2 86.5 160.7



#48
2-Hexanone
Concen: 50.056 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion: 43 Resp: 234621
Ion Ratio Lower Upper
43 100
58 52.2 41.2 61.8
57 17.7 14.2 21.4
100 10.4 8.5 12.7





#49

Dibromochloromethane

Concen: 25.069 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

Instrument :

MSVOA_W

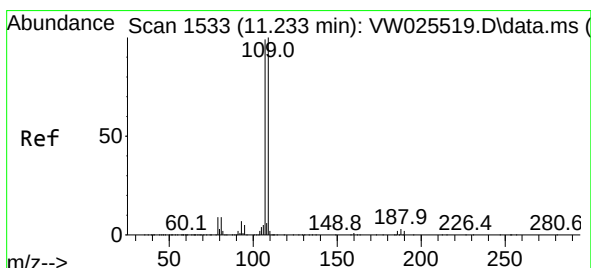
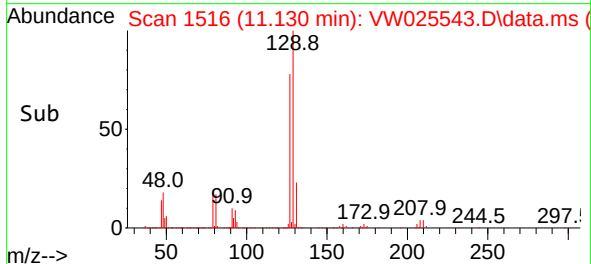
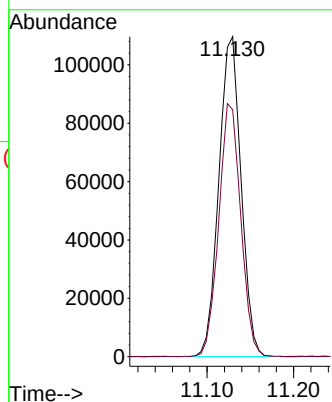
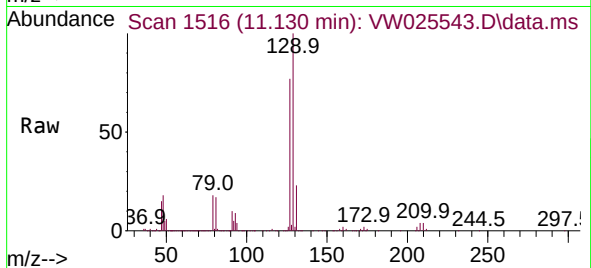
ClientSampleId :

Tgt Ion:129 Resp: 194984

Ion Ratio Lower Upper

129 100

127 77.1 52.8 98.2



#50

1,2-Dibromoethane

Concen: 24.618 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

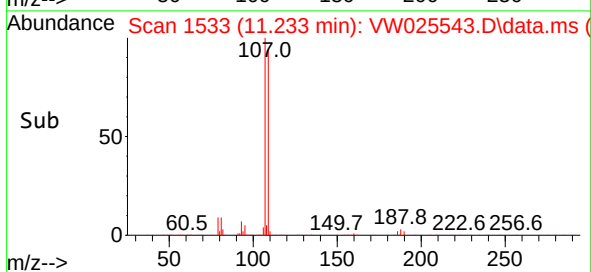
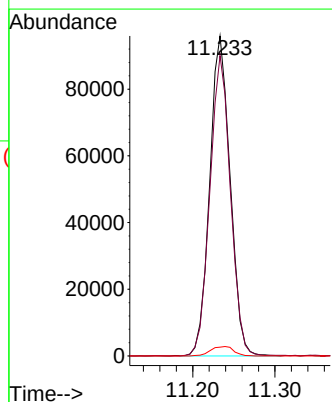
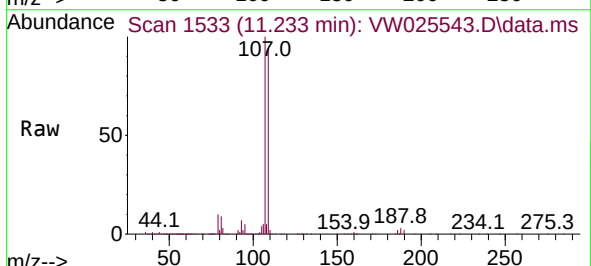
Tgt Ion:107 Resp: 165878

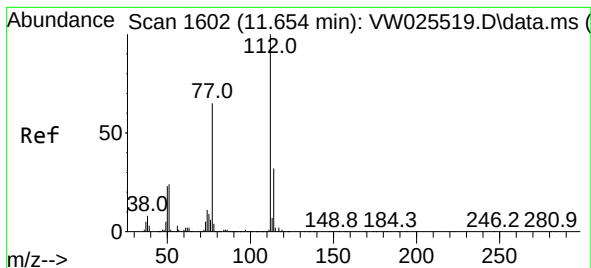
Ion Ratio Lower Upper

107 100

109 93.8 62.9 116.9

188 2.7 3.0 4.4#

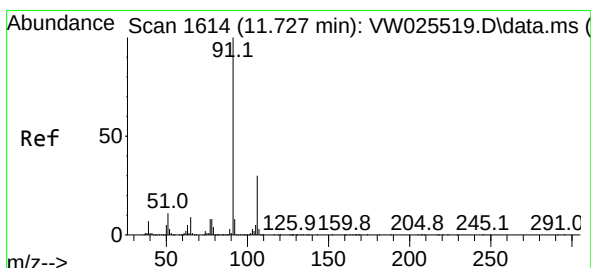
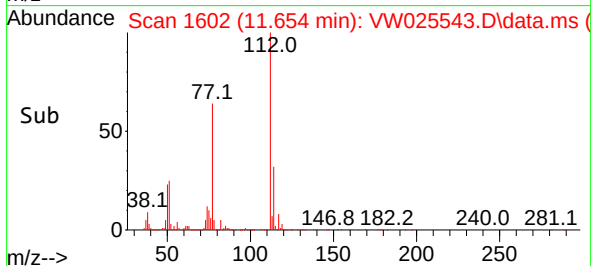
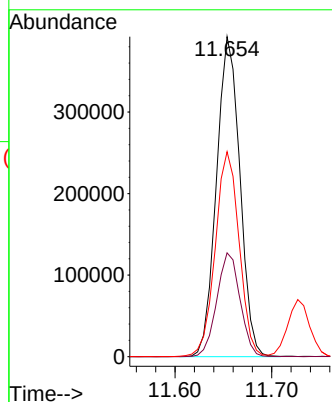
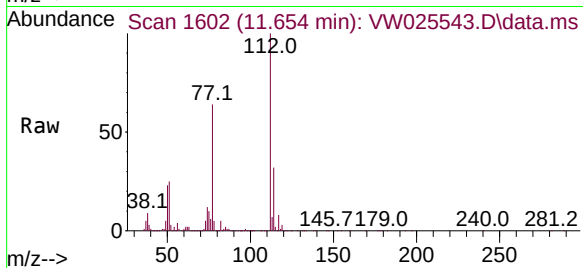




#51
Chlorobenzene
Concen: 25.562 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

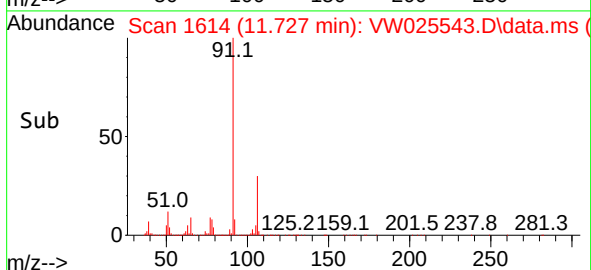
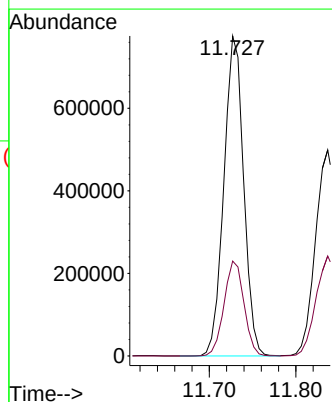
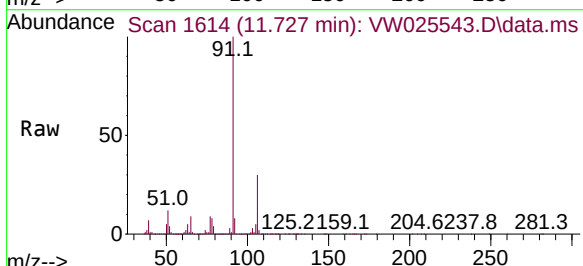
Instrument :
MSVOA_W
ClientSampleId :

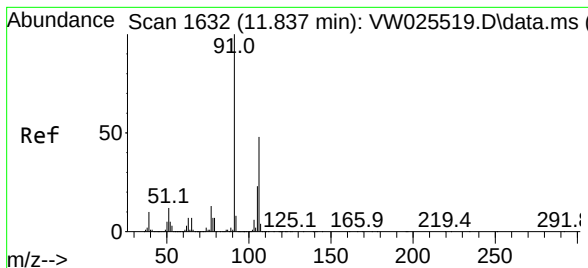
Tgt Ion:112 Resp: 659616
Ion Ratio Lower Upper
112 100
114 32.5 21.9 40.7
77 64.1 51.8 77.8



#52
Ethylbenzene
Concen: 26.502 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion: 91 Resp: 1228913
Ion Ratio Lower Upper
91 100
106 29.7 22.0 41.0

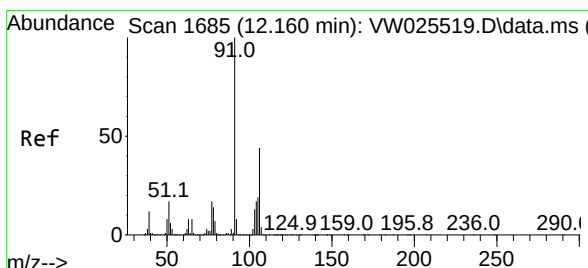
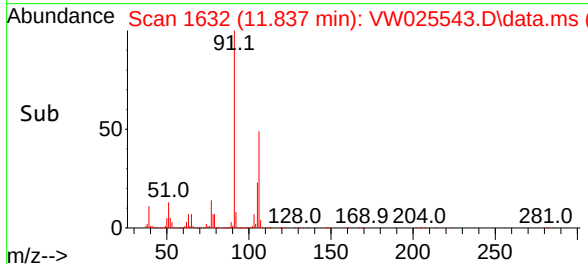
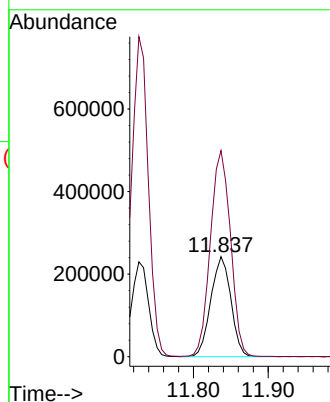
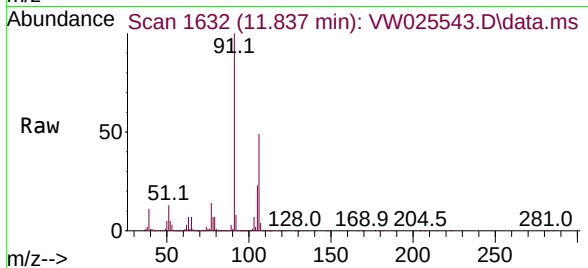




#53
m,p-Xylene
Concen: 26.468 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

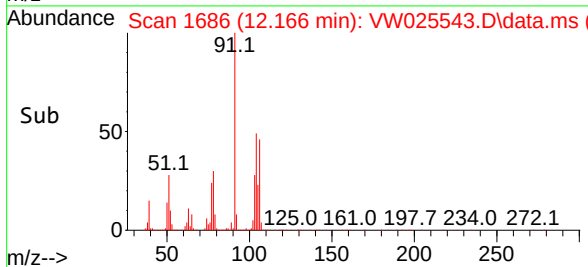
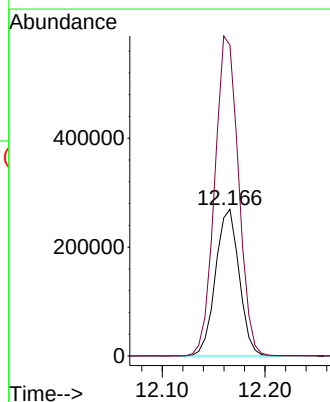
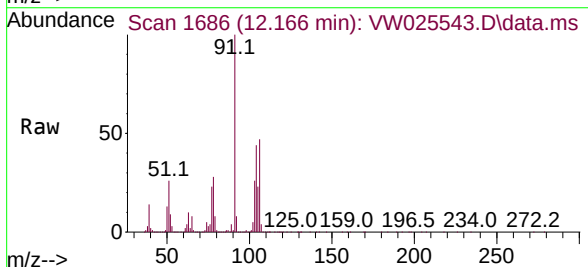
Instrument :
MSVOA_W
ClientSampleId :

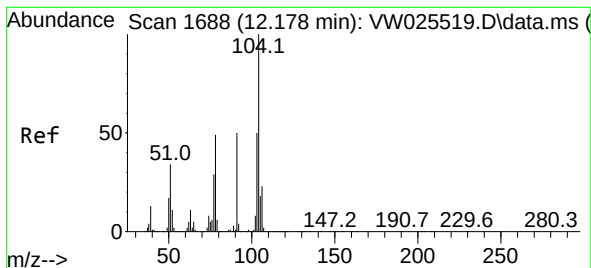
Tgt Ion:106 Resp: 452688
Ion Ratio Lower Upper
106 100
91 206.0 144.2 267.8



#54
o-Xylene
Concen: 26.727 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion:106 Resp: 430145
Ion Ratio Lower Upper
106 100
91 212.1 154.6 287.2





#55

Styrene

Concen: 27.416 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

Instrument :

MSVOA_W

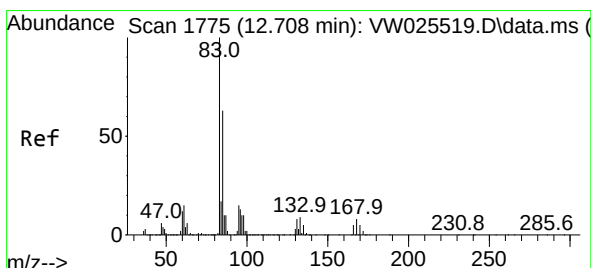
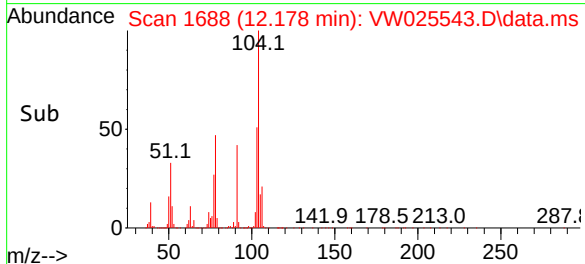
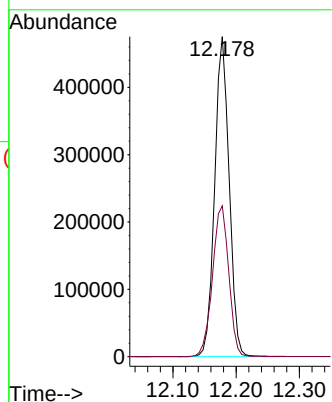
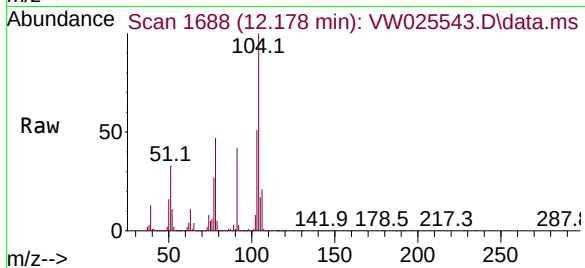
ClientSampleId :

Tgt Ion:104 Resp: 753501

Ion Ratio Lower Upper

104 100

78 47.1 31.1 57.9



#57

1,1,2,2-Tetrachloroethane

Concen: 25.177 ug/L

RT: 12.709 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

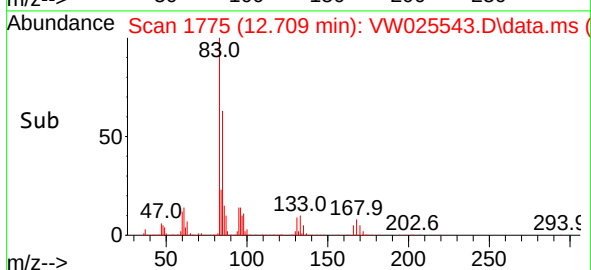
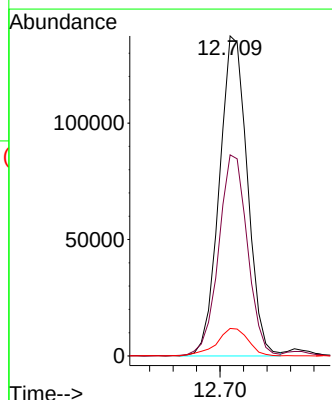
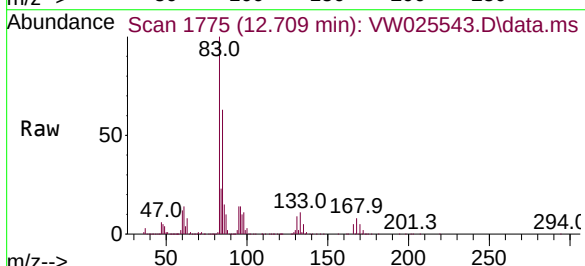
Tgt Ion: 83 Resp: 227974

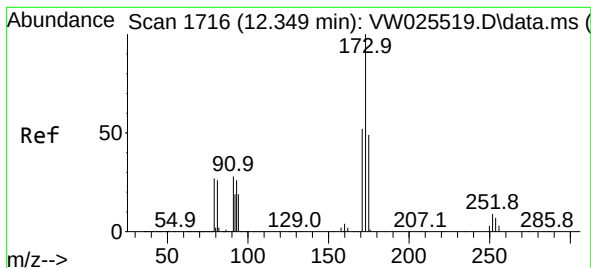
Ion Ratio Lower Upper

83 100

85 62.9 45.4 84.2

131 8.6 8.0 12.0





#59

Bromoform

Concen: 24.284 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

Instrument :

MSVOA_W

ClientSampleId :

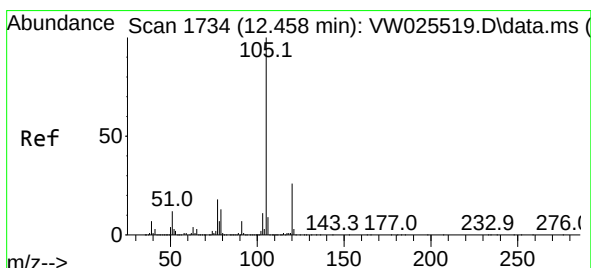
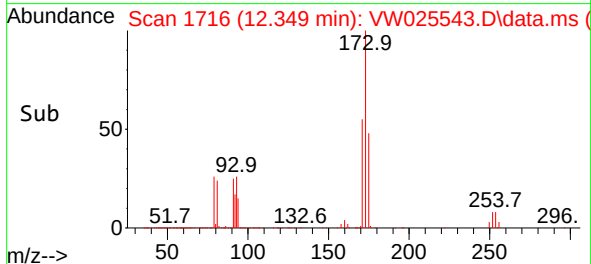
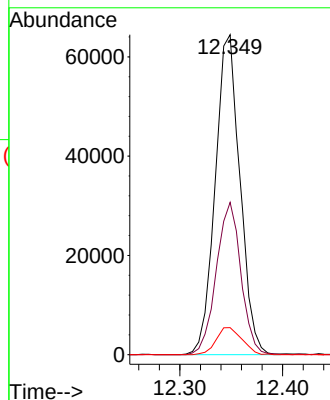
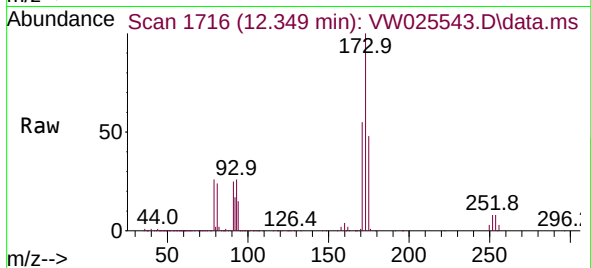
Tgt Ion:173 Resp: 107785

Ion Ratio Lower Upper

173 100

175 47.3 38.6 57.8

254 8.8 7.9 11.9



#60

Isopropylbenzene

Concen: 26.112 ug/L

RT: 12.459 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

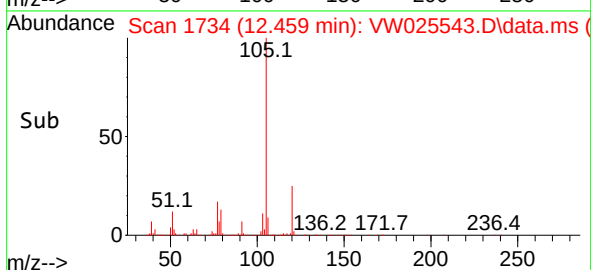
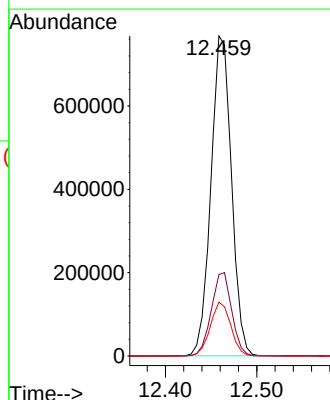
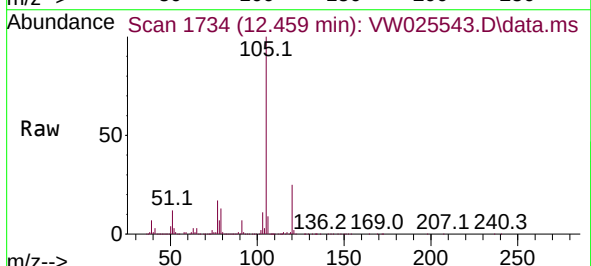
Tgt Ion:105 Resp: 1197488

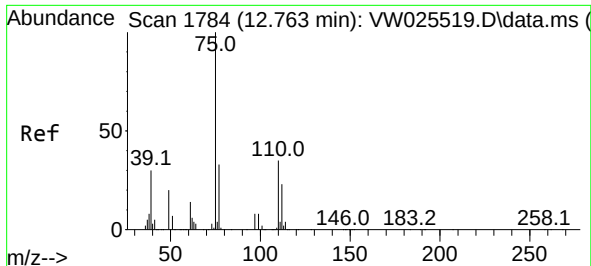
Ion Ratio Lower Upper

105 100

120 25.9 20.9 31.3

77 16.7 13.1 19.7

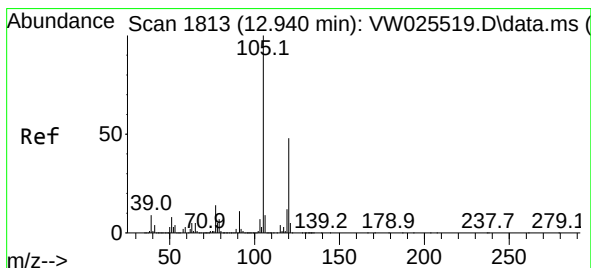
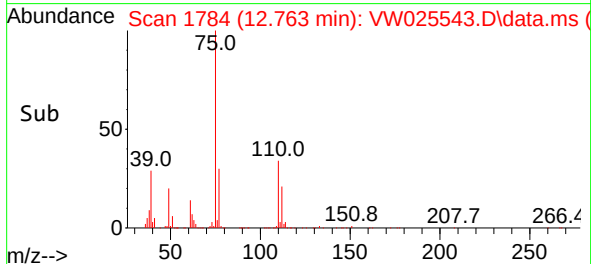
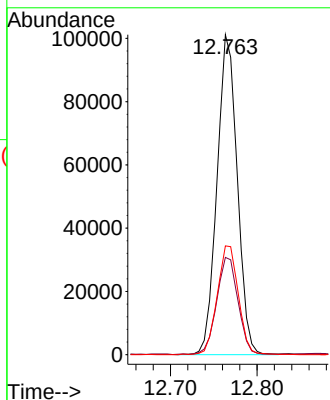
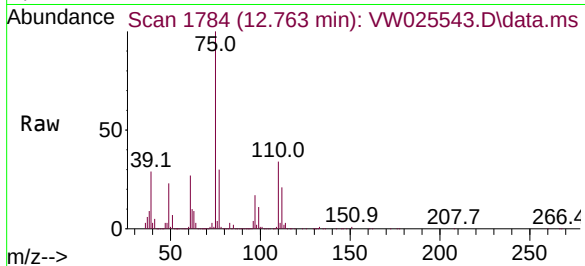




#61
1,2,3-Trichloropropane
Concen: 24.526 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

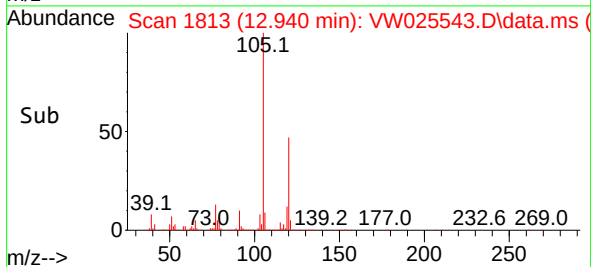
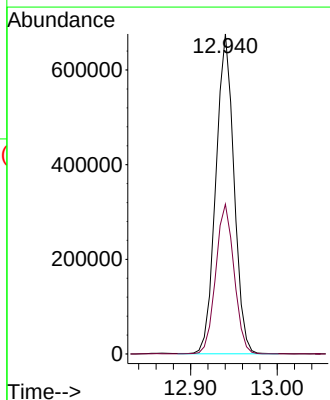
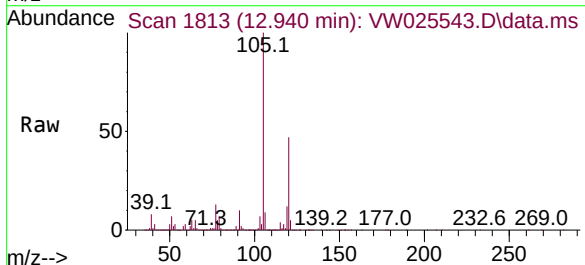
Instrument :
MSVOA_W
ClientSampleId :

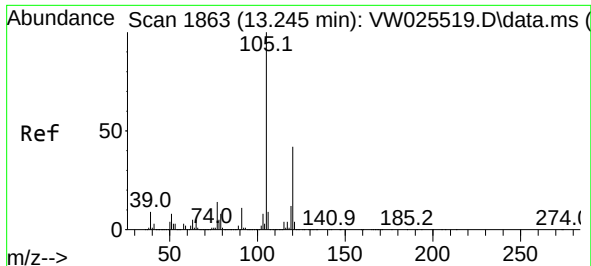
Tgt Ion: 75 Resp: 164389
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2
110 35.5 28.9 43.3



#62
1,3,5-Trimethylbenzene
Concen: 27.044 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion: 105 Resp: 982258
Ion Ratio Lower Upper
105 100
120 47.4 39.3 58.9

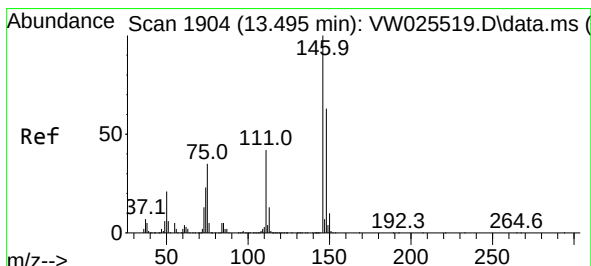
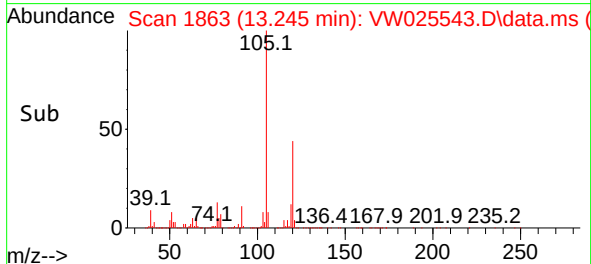
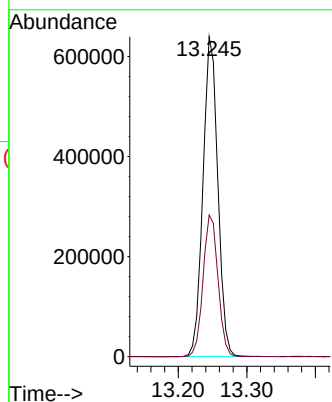
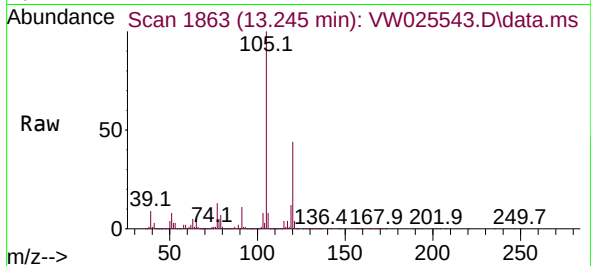




#63
1,2,4-Trimethylbenzene
Concen: 26.963 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

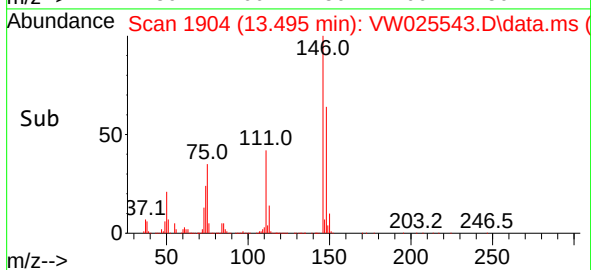
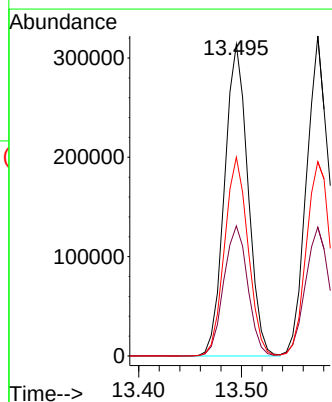
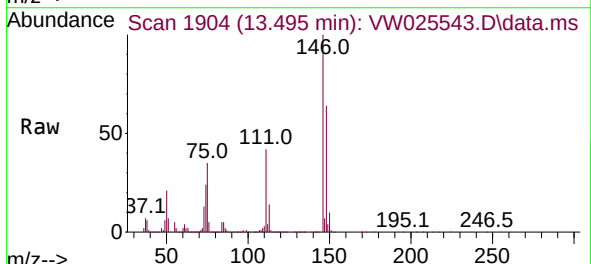
Instrument :
MSVOA_W
ClientSampleId :

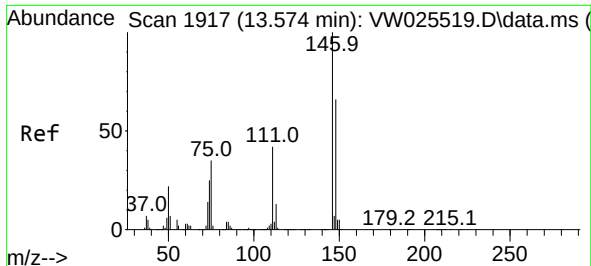
Tgt Ion:105 Resp: 964763
Ion Ratio Lower Upper
105 100
120 44.6 36.0 54.0



#64
1,3-Dichlorobenzene
Concen: 25.513 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion:146 Resp: 495789
Ion Ratio Lower Upper
146 100
111 41.8 29.7 55.1
148 63.8 44.2 82.2

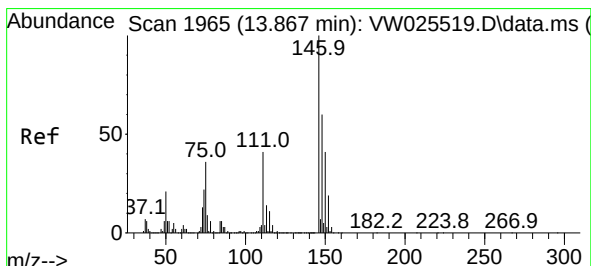
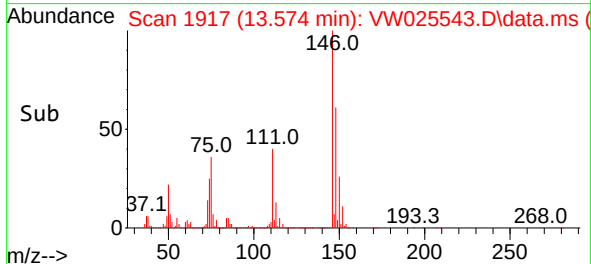
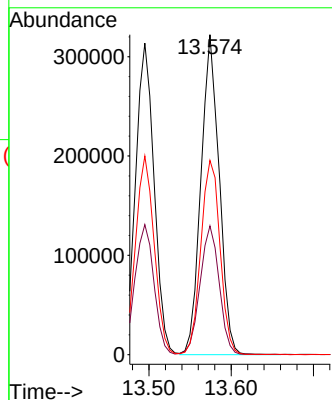
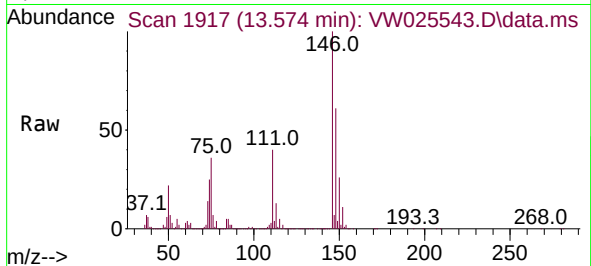




#65
1,4-Dichlorobenzene
Concen: 24.931 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

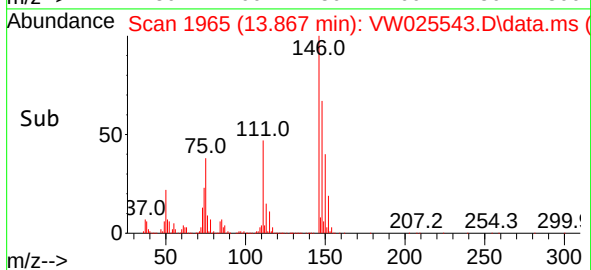
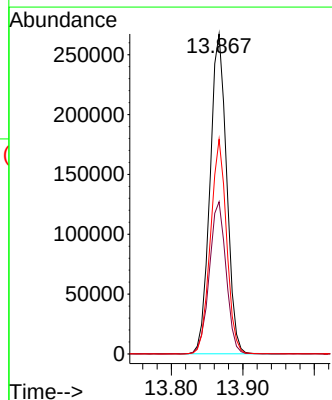
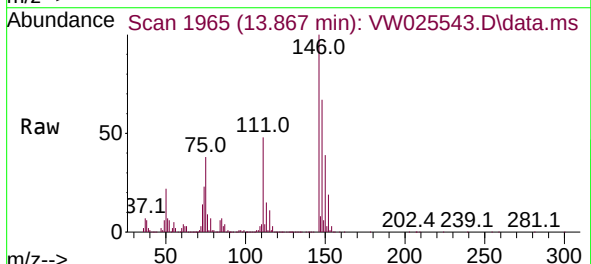
Instrument :
MSVOA_W
ClientSampleId :

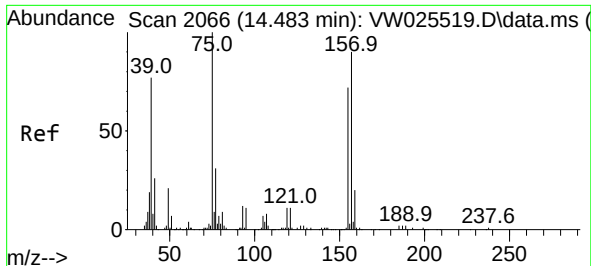
Tgt Ion:146 Resp: 496958
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 60.7 39.8 73.8



#67
1,2-Dichlorobenzene
Concen: 24.763 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW025543.D
Acq: 31 Mar 2023 19:24

Tgt Ion:146 Resp: 431591
Ion Ratio Lower Upper
146 100
111 47.5 36.6 54.8
148 67.1 53.4 80.2





#68

1,2-Dibromo-3-chloropropane

Concen: 22.564 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

Instrument :

MSVOA_W

ClientSampleId :

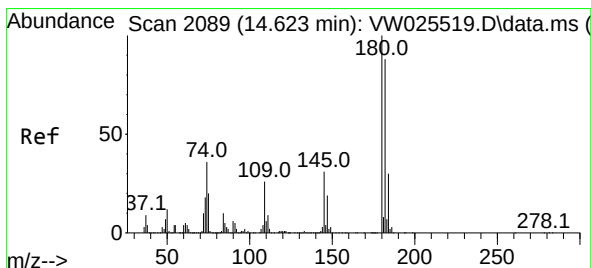
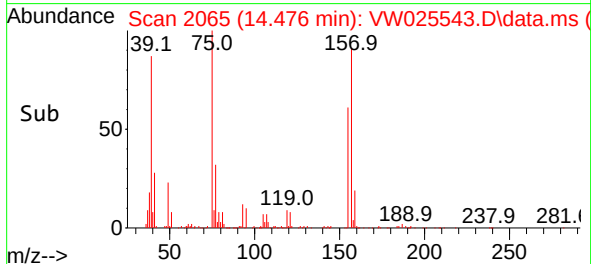
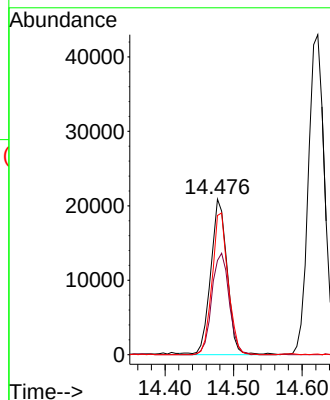
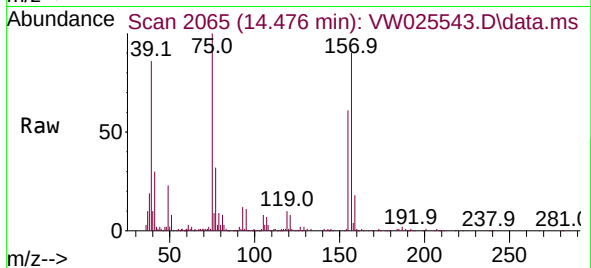
Tgt Ion: 75 Resp: 35012

Ion Ratio Lower Upper

75 100

155 60.6 55.4 83.0

157 89.6 75.3 112.9



#69

1,3,5-Trichlorobenzene

Concen: 25.092 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

Tgt Ion:180 Resp: 331456

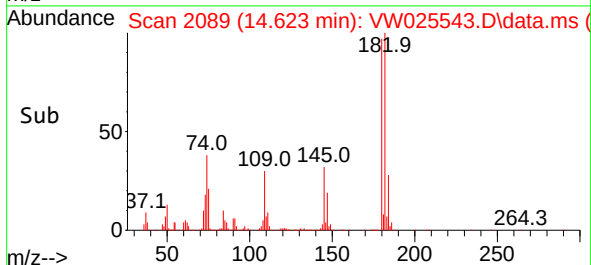
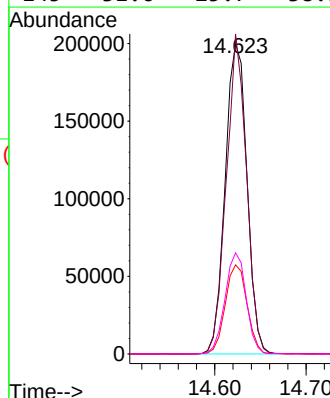
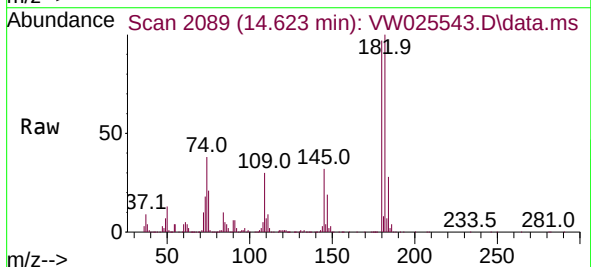
Ion Ratio Lower Upper

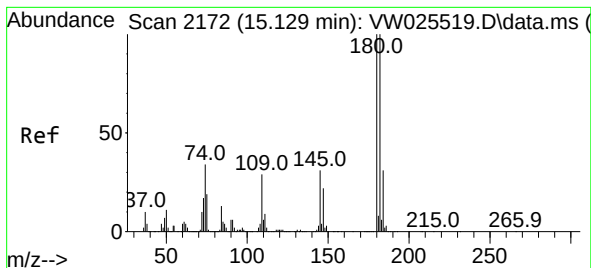
180 100

182 95.1 77.1 115.7

184 28.7 24.7 37.1

145 31.6 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 25.179 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

Instrument :

MSVOA_W

ClientSampleId :

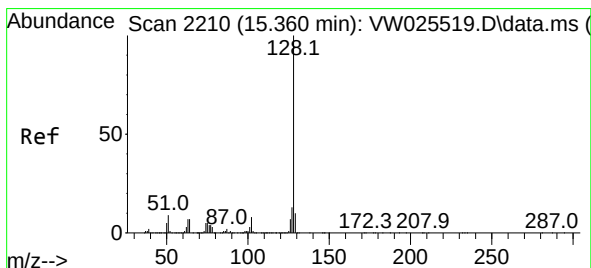
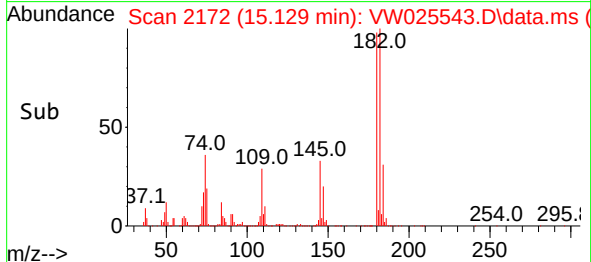
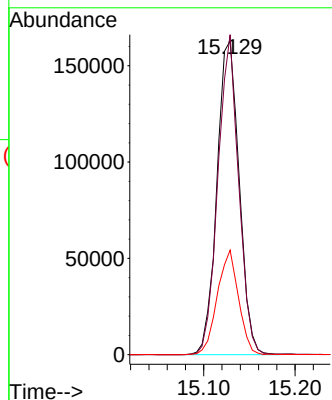
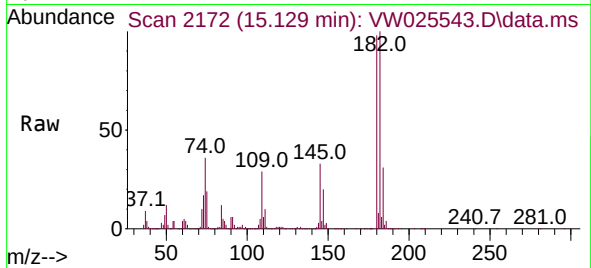
Tgt Ion:180 Resp: 275770

Ion Ratio Lower Upper

180 100

182 94.7 75.5 113.3

145 31.8 25.2 37.8



#71

Naphthalene

Concen: 25.618 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW025543.D

Acq: 31 Mar 2023 19:24

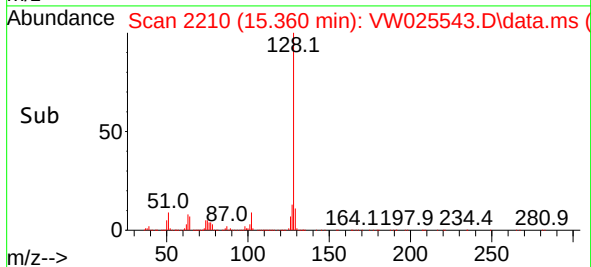
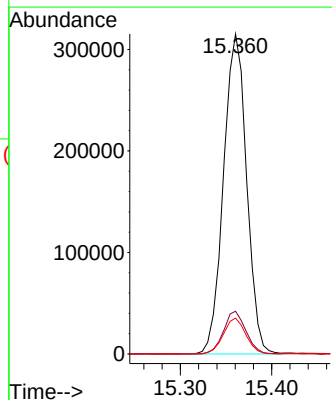
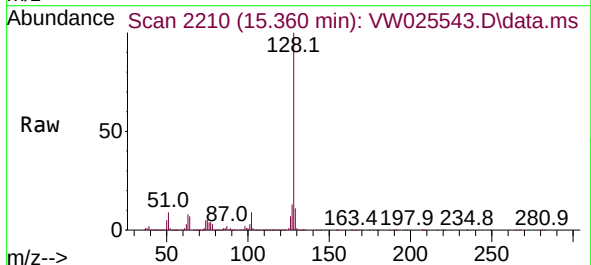
Tgt Ion:128 Resp: 553845

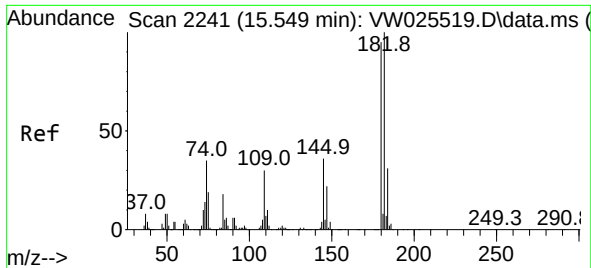
Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

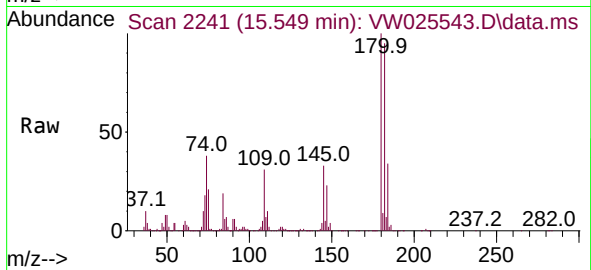
129 10.9 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 25.004 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW025543.D
 Acq: 31 Mar 2023 19:24

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 245978

Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.6	114.8
145	33.6	27.7	41.5

