

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110623\
 Data File : VW027537.D
 Acq On : 06 Nov 2023 08:56
 Operator : SY/MD
 Sample : VSTD2.5
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 07 00:24:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:24:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	449558	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	408308	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	186174	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	21064	2.588	ug/L	0.00
7) Chloroethane-d5	2.582	69	229	0.041	ug/L	-0.32
11) 1,1-Dichloroethene-d2	4.027	65	9679	2.728	ug/L	0.00
21) 2-Butanone-d5	6.959	46	117	0.066	ug/L	-0.12
24) Chloroform-d	7.648	84	34094	2.599	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.307	65	17149	2.573	ug/L	0.00
32) Benzene-d6	8.276	84	69592	2.549	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.276	67	21645	2.567	ug/L	0.00
41) Toluene-d8	10.325	98	59741	2.446	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.581	79	7133	2.208	ug/L	0.00
47) 2-Hexanone-d5	10.922	63	5697	4.438	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.690	84	13747	2.425	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.855	152	18071	2.554	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.021	85	11837	2.389	ug/L	98
3) Chloromethane	2.216	50	17112	2.576	ug/L	95
5) Vinyl chloride	2.375	62	20411	2.709	ug/L	100
6) Bromomethane	2.789	94	11138	2.679	ug/L	94
8) Chloroethane	2.936	64	11304	2.623	ug/L	98
9) Trichlorofluoromethane	3.271	101	14088	2.470	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	15319	2.688	ug/L #	68
12) 1,1-Dichloroethene	4.039	96	15628	2.634	ug/L	87
13) Acetone	4.125	43	9742	5.232	ug/L	63
14) Carbon disulfide	4.393	76	53411	2.618	ug/L	100
15) Methyl Acetate	4.673	43	7620	2.768	ug/L #	76
16) Methylene chloride	4.917	84	25549	3.482	ug/L	98
17) trans-1,2-Dichloroethene	5.435	96	16494	2.625	ug/L	95
18) Methyl tert-butyl Ether	5.435	73	25064	2.674	ug/L #	76
19) 1,1-Dichloroethane	6.228	63	33259	2.659	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	18050	2.658	ug/L	92
22) 2-Butanone	7.081	43	144	0.061	ug/L	84
23) Bromochloromethane	7.520	128	7658	2.712	ug/L	89
25) Chloroform	7.679	83	30875	2.659	ug/L	93
27) 1,2-Dichloroethane	8.404	62	20304	2.657	ug/L	96
29) Cyclohexane	7.953	56	31736	2.566	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	25801	2.700	ug/L	99
31) Carbon tetrachloride	8.069	117	21790	2.605	ug/L	100
33) Benzene	8.325	78	72000	2.669	ug/L	100
34) Trichloroethene	9.093	95	18467	2.648	ug/L	96
35) Methylcyclohexane	9.337	83	32416	2.566	ug/L	98
37) 1,2-Dichloropropane	9.368	63	18256	2.574	ug/L #	96
38) Bromodichloromethane	9.648	83	20688	2.564	ug/L #	97
39) cis-1,3-Dichloropropene	10.075	75	25209	2.404	ug/L	91
40) 4-Methyl-2-pentanone	10.209	43	19138	4.832	ug/L	99
42) Toluene	10.386	91	71134	2.541	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	19485	2.312	ug/L	89

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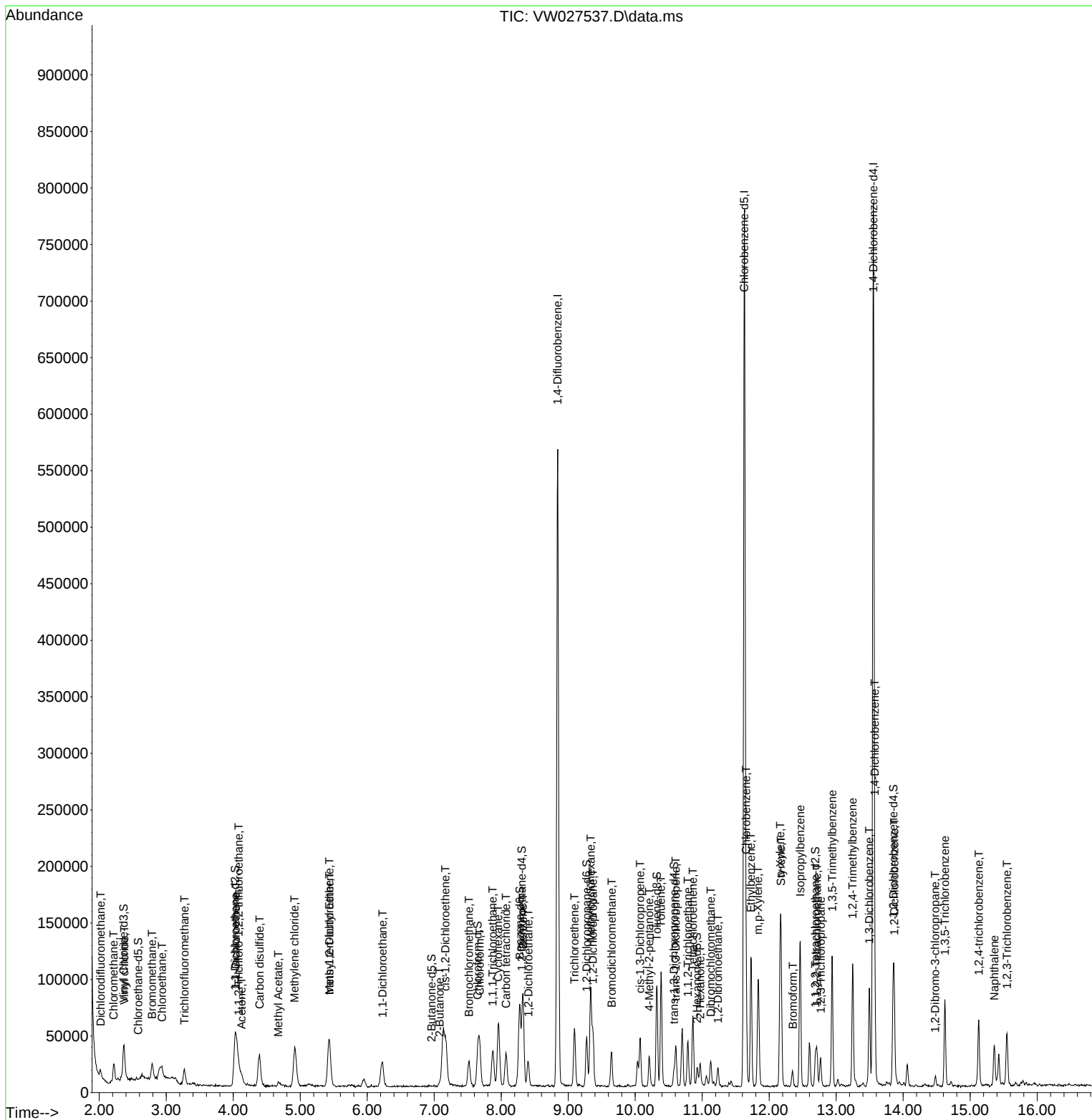
Quant Time: Nov 07 00:24:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Nov 07 00:24:09 2023
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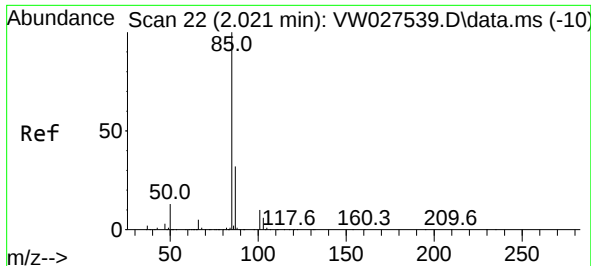
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.788	97	12013	2.605	ug/L	99
46) Tetrachloroethene	10.861	164	13233	2.644	ug/L	93
48) 2-Hexanone	10.971	43	14323	4.544	ug/L	97
49) Dibromochloromethane	11.129	129	11132	2.387	ug/L	95
50) 1,2-Dibromoethane	11.233	107	11636	2.692	ug/L #	92
51) Chlorobenzene	11.654	112	44576	2.588	ug/L	97
52) Ethylbenzene	11.727	91	80283	2.515	ug/L	99
53) m,p-Xylene	11.837	106	29441	2.501	ug/L	98
54) o-Xylene	12.166	106	27061	2.428	ug/L	99
55) Styrene	12.178	104	45402	2.404	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.714	83	13740	2.543	ug/L	99
59) Bromoform	12.355	173	5777	2.404	ug/L	91
60) Isopropylbenzene	12.465	105	77458	2.540	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	9949	2.591	ug/L	94
62) 1,3,5-Trimethylbenzene	12.940	105	57837	2.488	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	58955	2.478	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	30468	2.459	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	33652	2.711	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	27863	2.577	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	2601	3.034	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.623	180	21074	2.651	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	16883	2.614	ug/L	92
71) Naphthalene	15.360	128	28917	2.405	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	14406	2.682	ug/L	99

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

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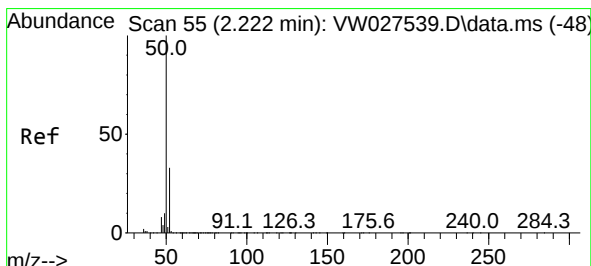
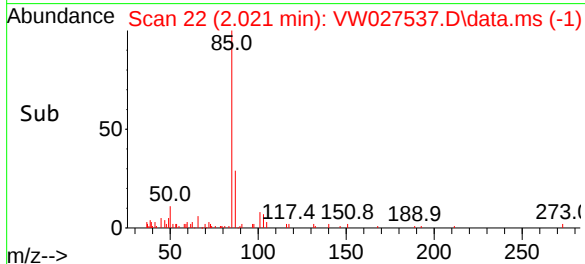
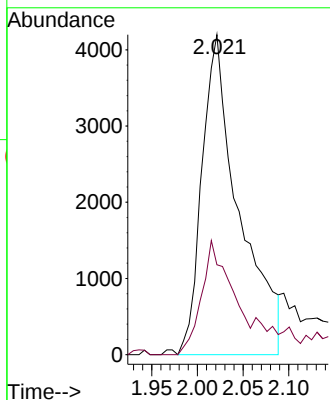
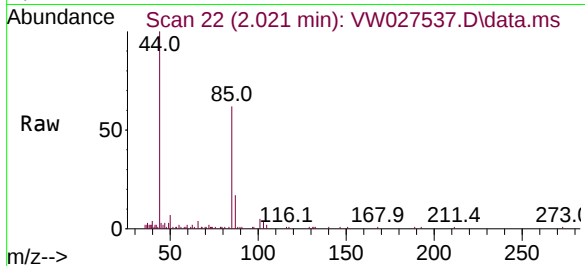




#2
Dichlorodifluoromethane
Concen: 2.389 ug/L
RT: 2.021 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

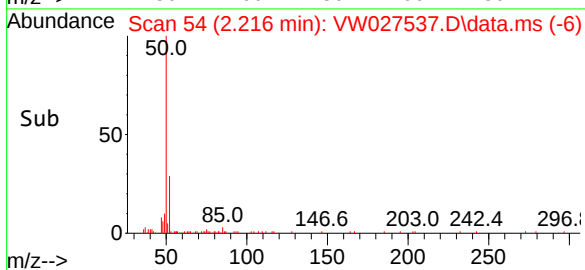
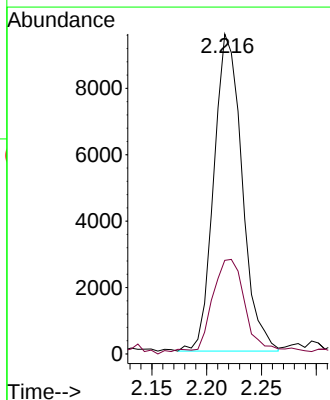
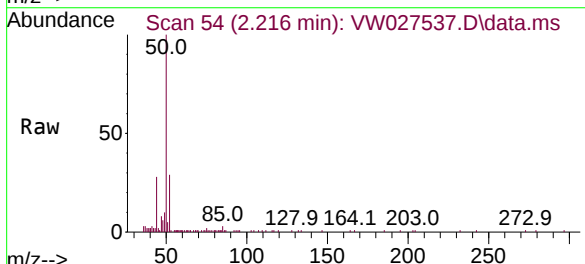
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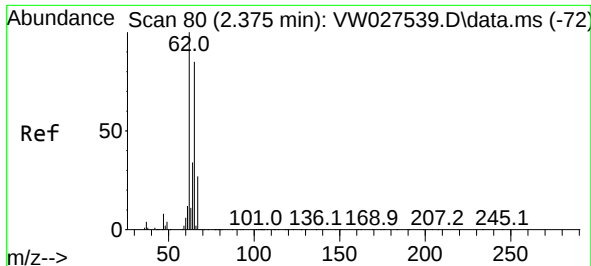
Tgt Ion: 85 Resp: 11837
Ion Ratio Lower Upper
85 100
87 29.4 24.5 36.7



#3
Chloromethane
Concen: 2.576 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 50 Resp: 17112
Ion Ratio Lower Upper
50 100
52 29.2 22.6 42.0

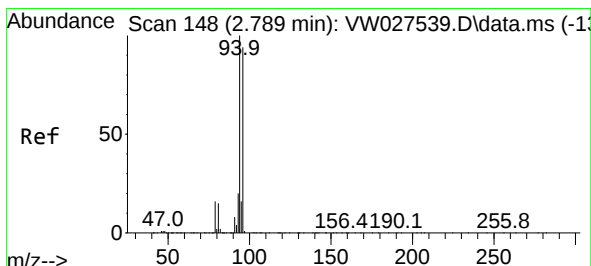
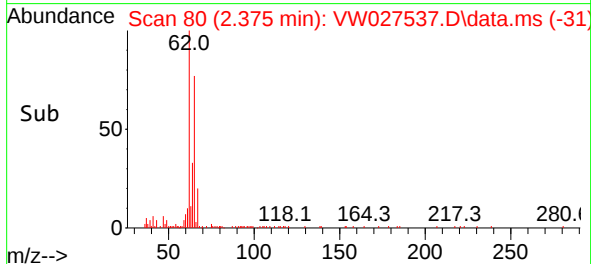
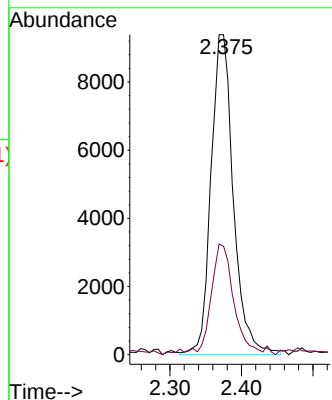
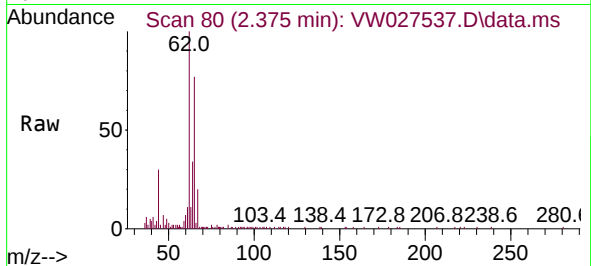




#5
 Vinyl chloride
 Concen: 2.709 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027537.D
 Acq: 06 Nov 2023 08:56

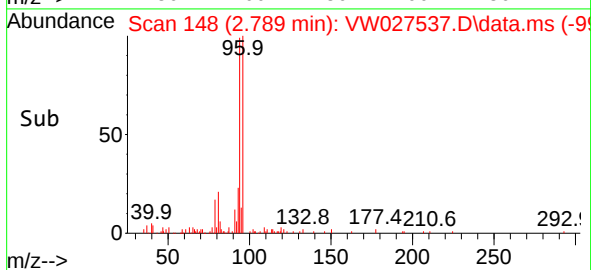
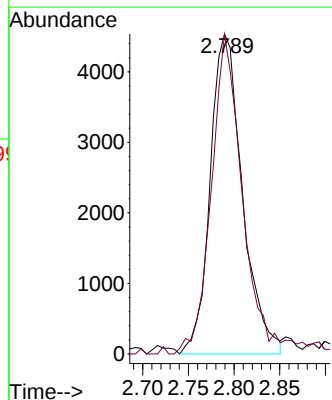
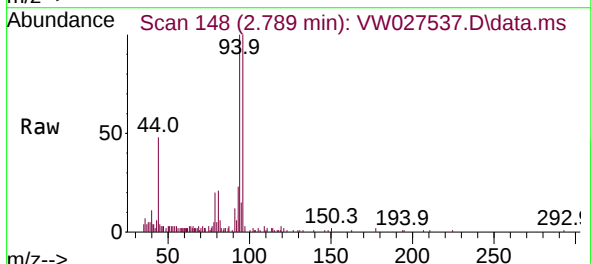
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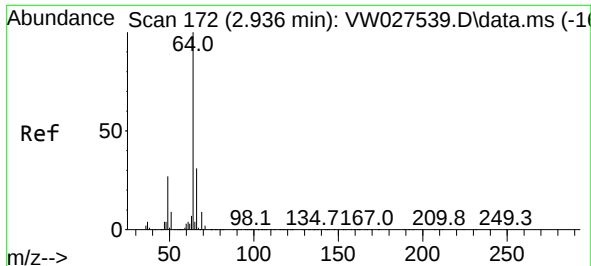
Tgt Ion: 62 Resp: 20411
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.9 44.3



#6
 Bromomethane
 Concen: 2.679 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027537.D
 Acq: 06 Nov 2023 08:56

Tgt Ion: 94 Resp: 11138
 Ion Ratio Lower Upper
 94 100
 96 99.8 65.7 122.1

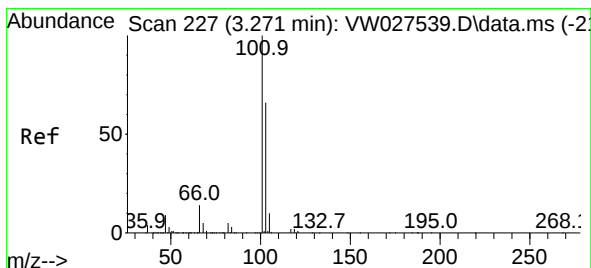
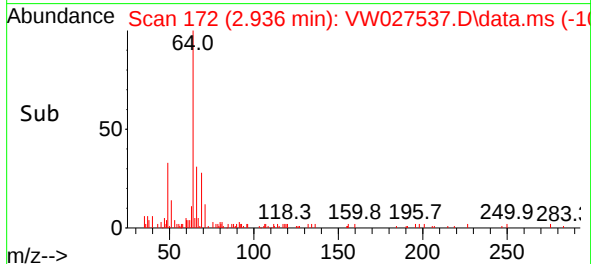
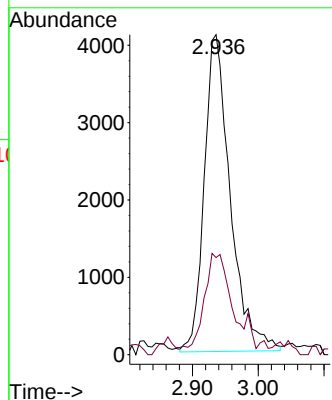
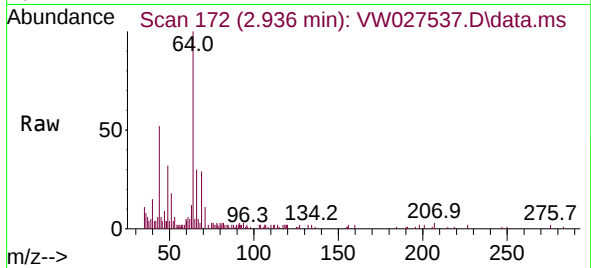




#8
Chloroethane
Concen: 2.623 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

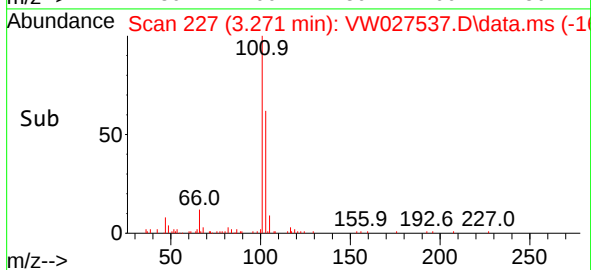
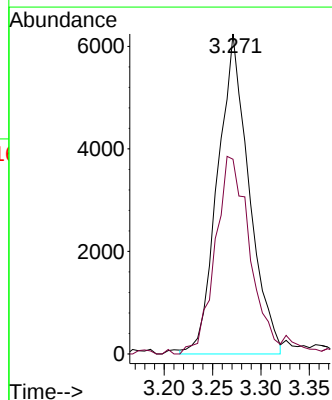
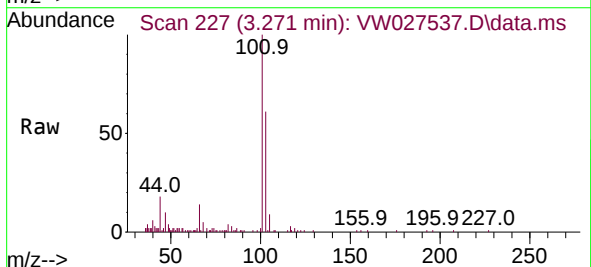
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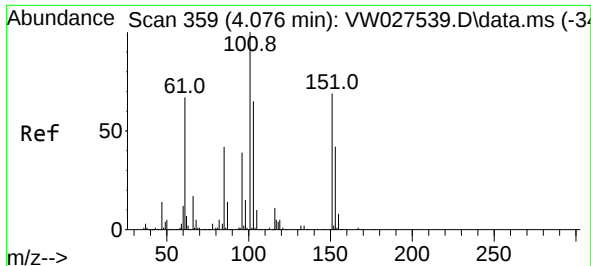
Tgt Ion: 64 Resp: 11304
Ion Ratio Lower Upper
64 100
66 30.4 21.8 40.6



#9
Trichlorofluoromethane
Concen: 2.470 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 101 Resp: 14088
Ion Ratio Lower Upper
101 100
103 61.7 52.6 78.8

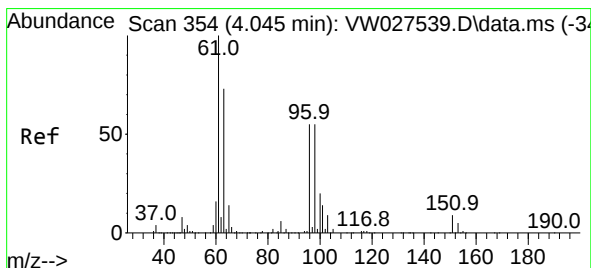
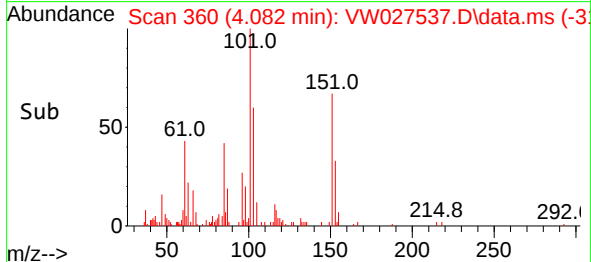
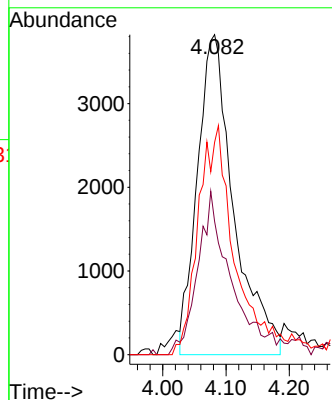
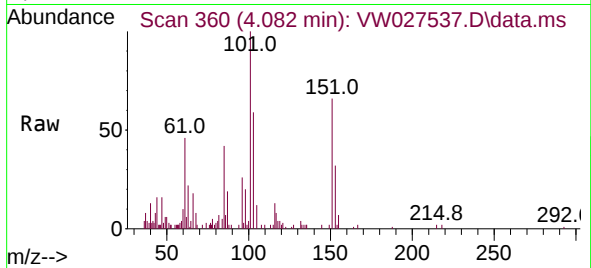




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.688 ug/L
RT: 4.082 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

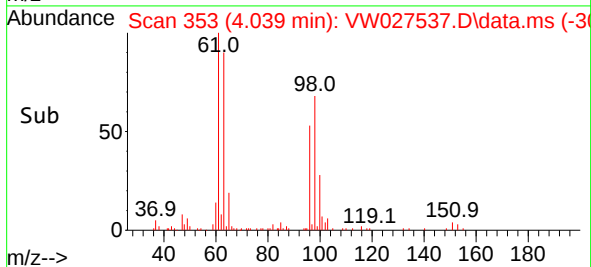
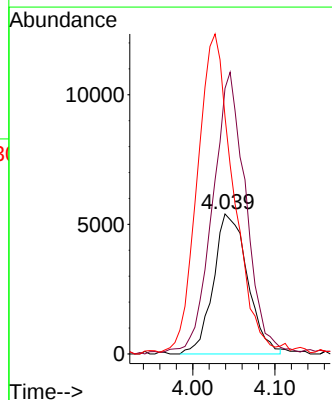
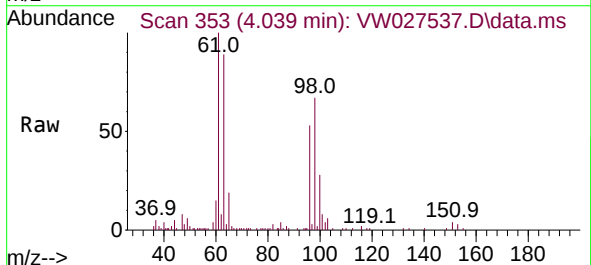
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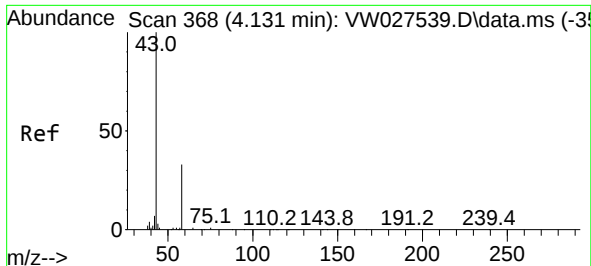
Tgt Ion:101 Resp: 15319
Ion Ratio Lower Upper
101 100
85 40.1 35.6 53.4
151 30.9 56.6 84.8#



#12
1,1-Dichloroethene
Concen: 2.634 ug/L
RT: 4.039 min Scan# 353
Delta R.T. -0.006 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 96 Resp: 15628
Ion Ratio Lower Upper
96 100
61 189.7 128.9 239.3
63 169.4 96.4 179.0

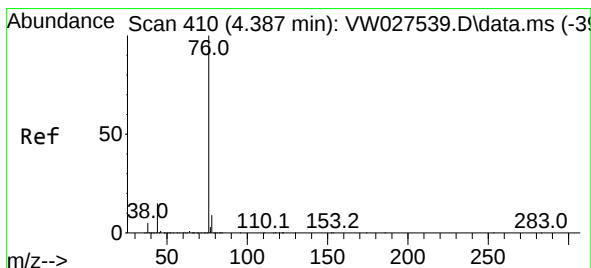
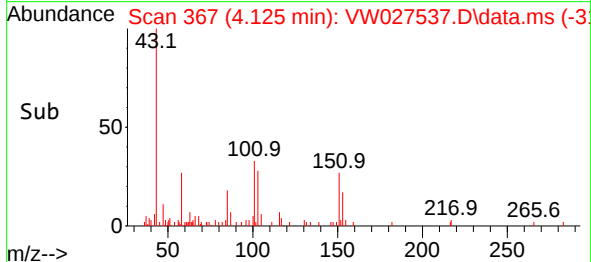
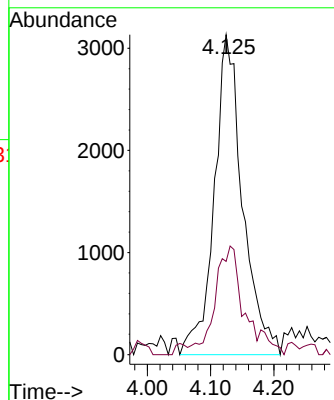
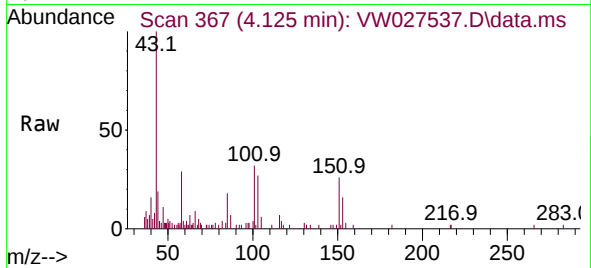




#13
Acetone
Concen: 5.232 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

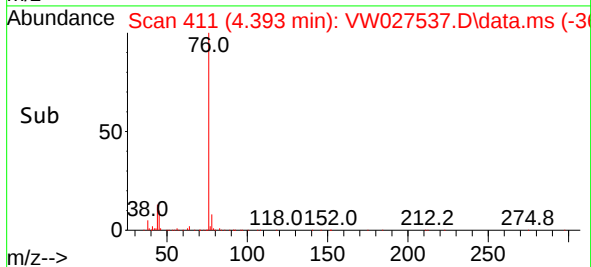
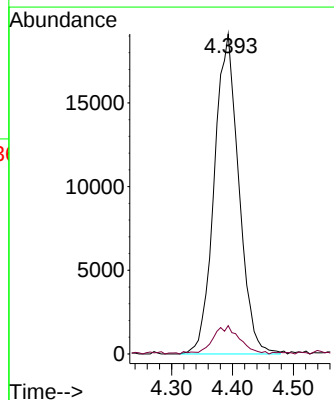
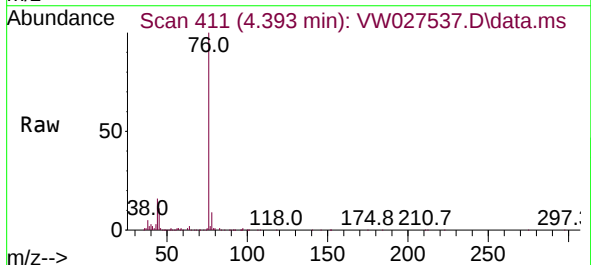
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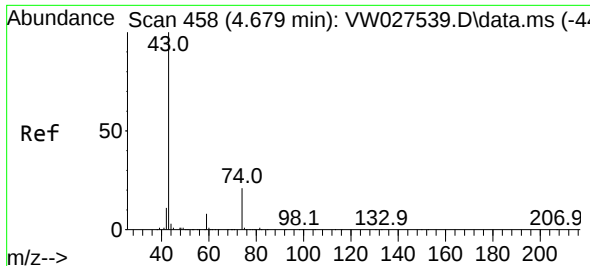
Tgt Ion: 43 Resp: 9742
Ion Ratio Lower Upper
43 100
58 11.6 0.0 64.4



#14
Carbon disulfide
Concen: 2.618 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 76 Resp: 53411
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

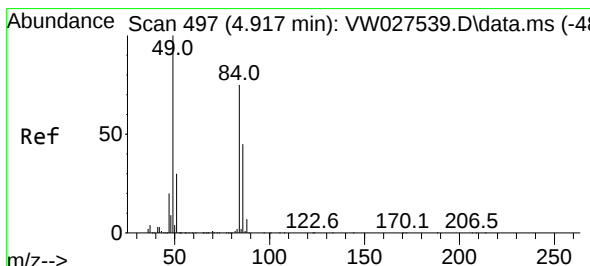
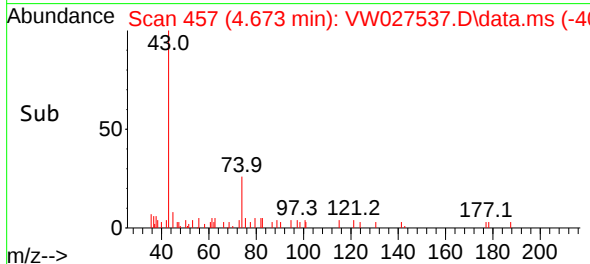
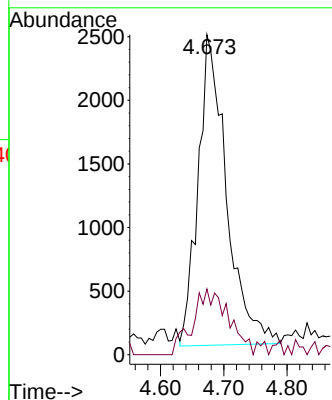
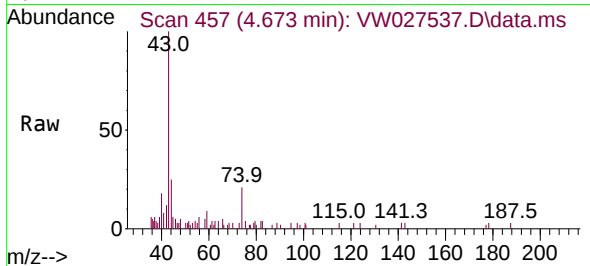




#15
Methyl Acetate
Concen: 2.768 ug/L
RT: 4.673 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

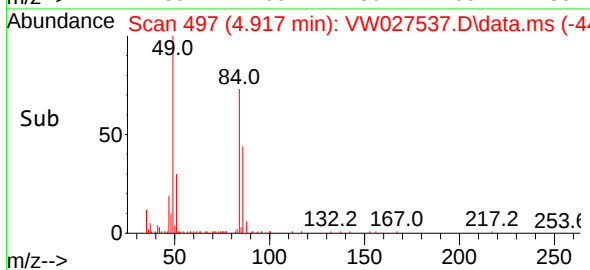
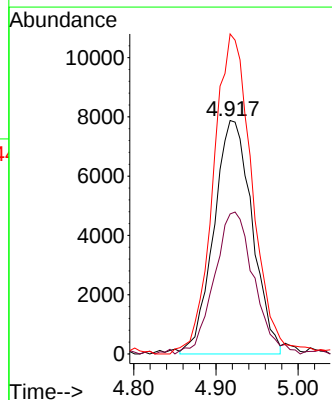
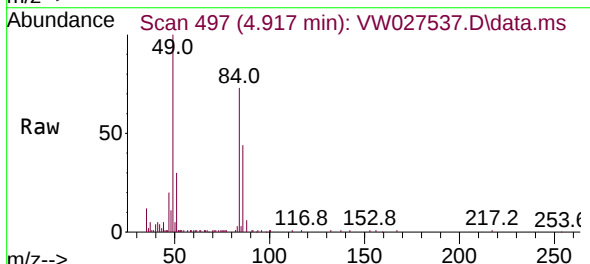
Instrument :
MSVOA_W
ClientSampleId :

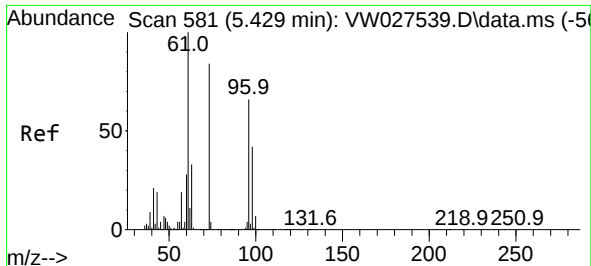
Tgt Ion: 43 Resp: 7620
Ion Ratio Lower Upper
43 100
74 9.8 16.9 25.3#



#16
Methylene chloride
Concen: 3.482 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 84 Resp: 25549
Ion Ratio Lower Upper
84 100
86 60.0 42.7 79.3
49 137.1 94.0 174.6

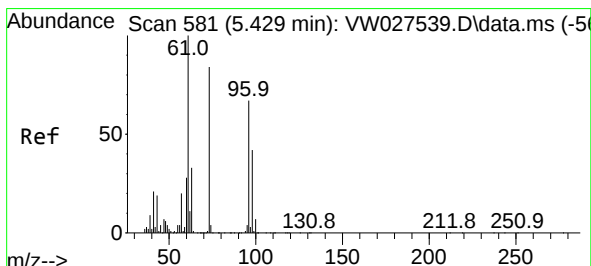
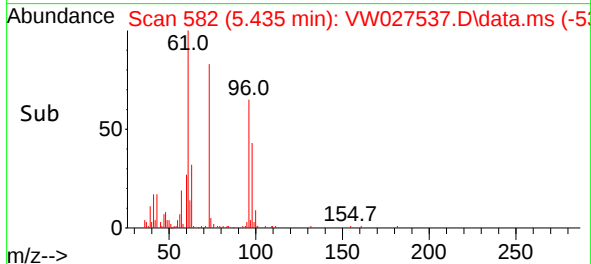
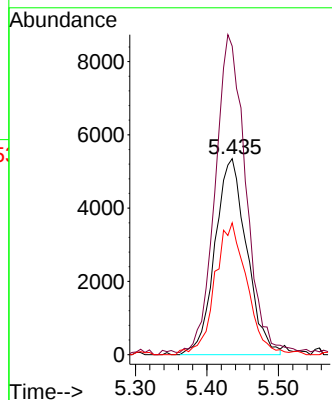
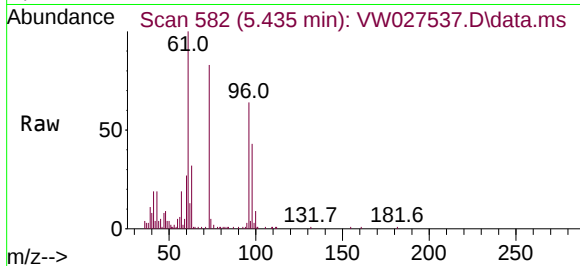




#17
trans-1,2-Dichloroethene
Concen: 2.625 ug/L
RT: 5.435 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

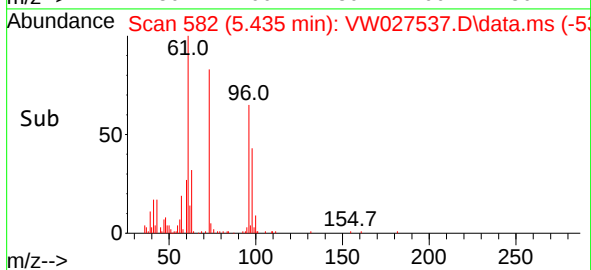
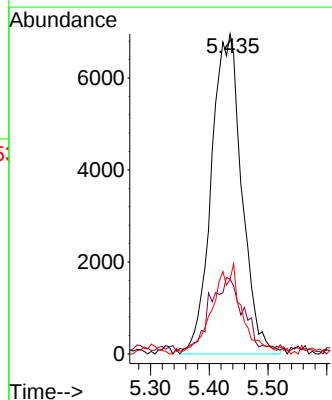
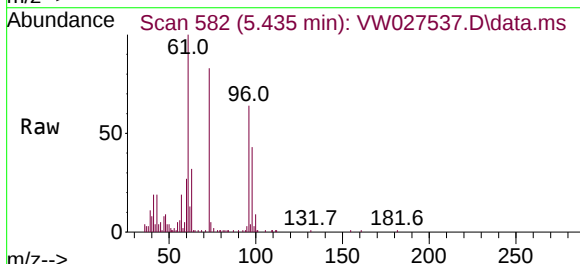
Instrument :
MSVOA_W
ClientSampleId :

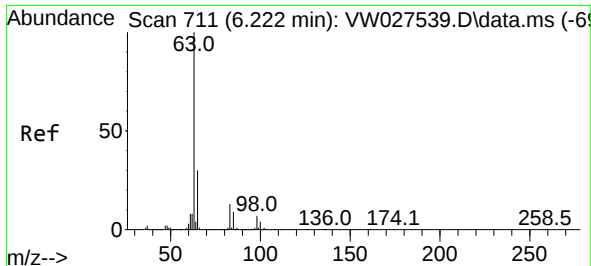
Tgt Ion: 96 Resp: 16494
Ion Ratio Lower Upper
96 100
61 157.3 105.3 195.6
98 67.3 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 2.674 ug/L
RT: 5.435 min Scan# 582
Delta R.T. 0.006 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 73 Resp: 25064
Ion Ratio Lower Upper
73 100
43 14.6 17.1 25.7#
57 7.9 19.4 29.0#





#19

1,1-Dichloroethane

Concen: 2.659 ug/L

RT: 6.228 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Instrument :

MSVOA_W

ClientSampleId :

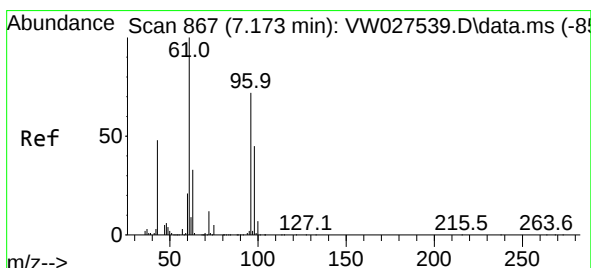
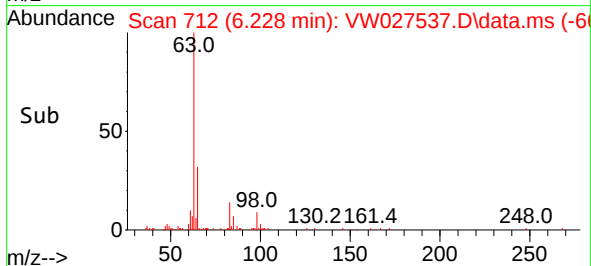
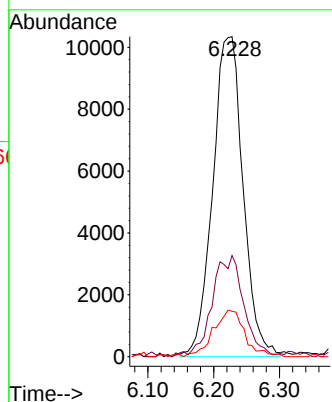
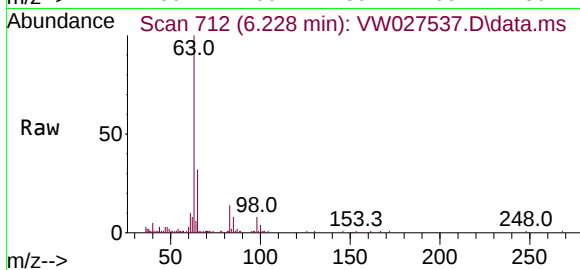
Tgt Ion: 63 Resp: 33259

Ion Ratio Lower Upper

63 100

65 31.6 21.1 39.3

83 14.2 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 2.658 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

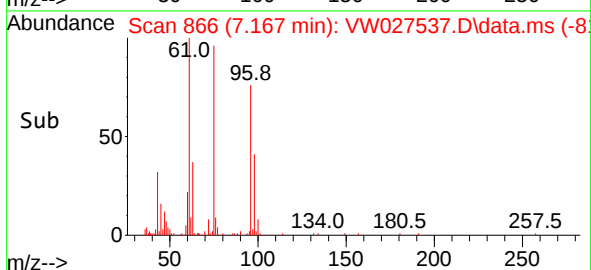
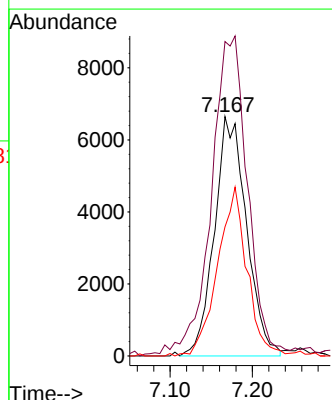
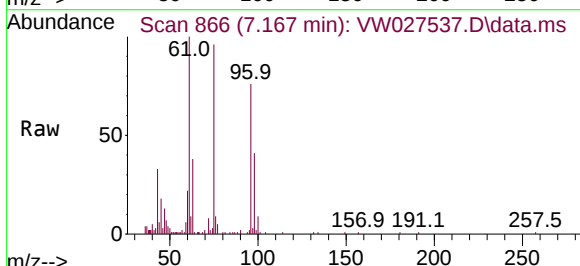
Tgt Ion: 96 Resp: 18050

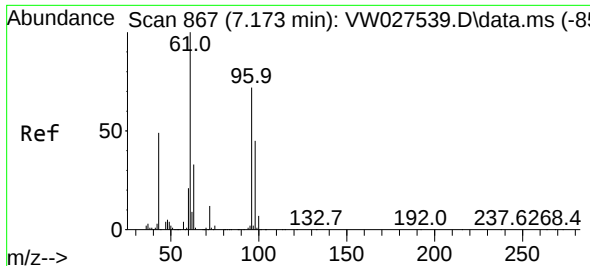
Ion Ratio Lower Upper

96 100

61 131.4 97.9 181.7

98 53.9 43.5 80.9

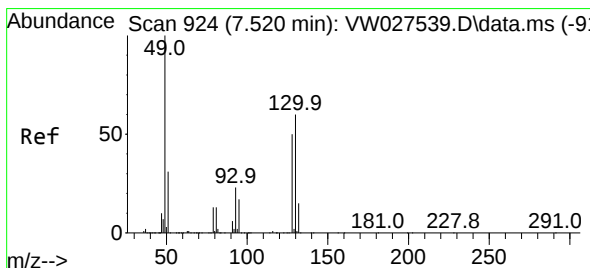
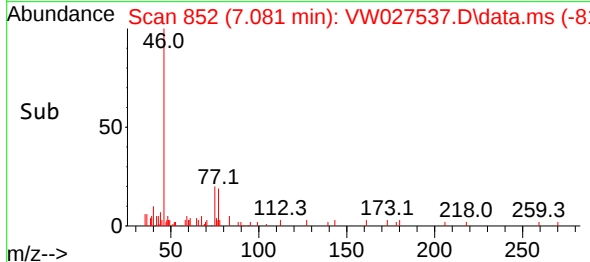
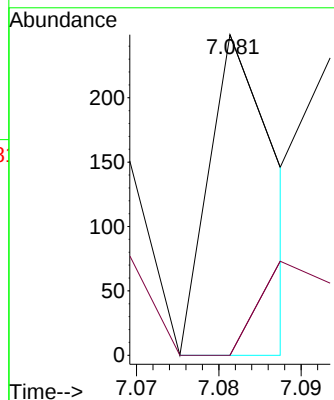
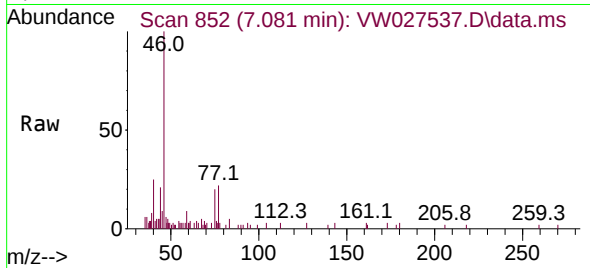




#22
2-Butanone
Concen: 0.061 ug/L
RT: 7.081 min Scan# 867
Delta R.T. -0.091 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

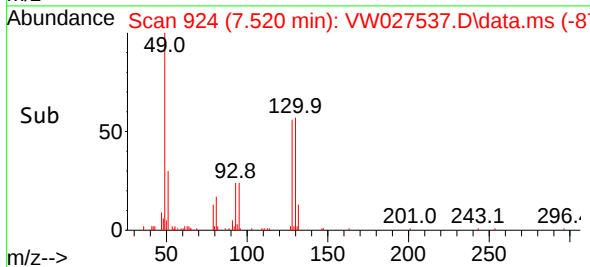
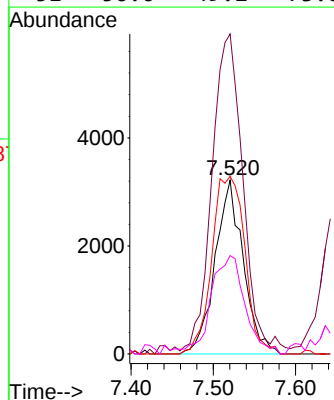
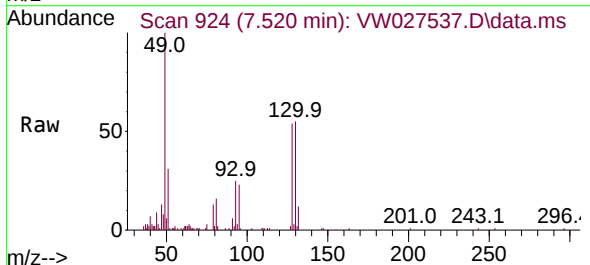
Instrument :
MSVOA_W
ClientSampleId :

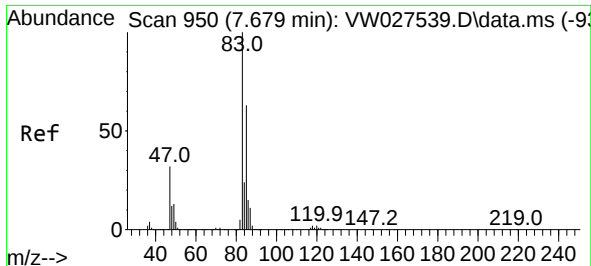
Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
72 32.6 12.3 36.9



#23
Bromochloromethane
Concen: 2.712 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 128 Resp: 7658
Ion Ratio Lower Upper
128 100
49 184.1 139.7 259.5
130 102.2 83.4 155.0
51 56.6 49.2 73.8

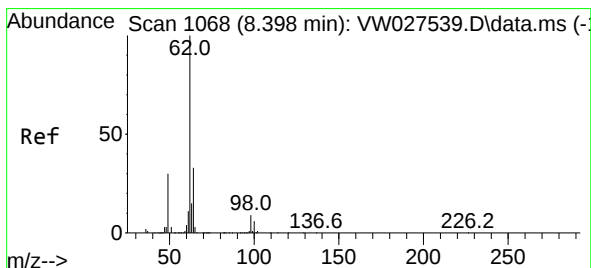
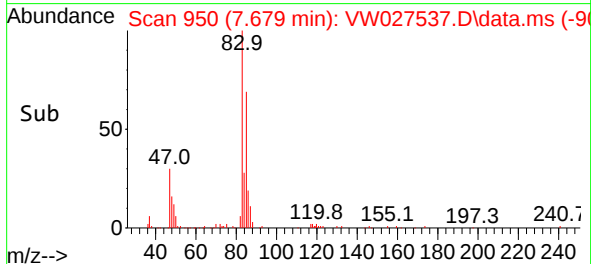
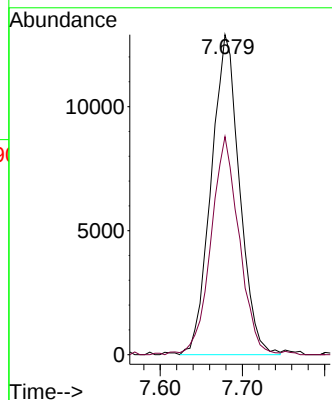
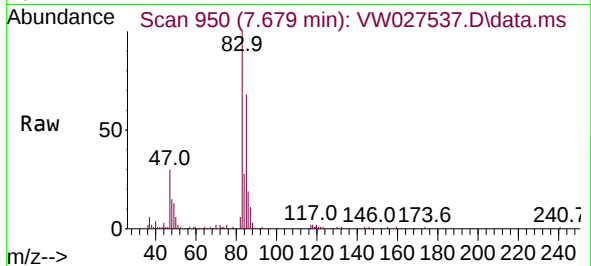




#25
Chloroform
Concen: 2.659 ug/L
RT: 7.679 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

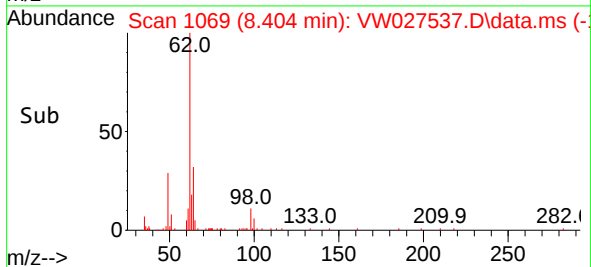
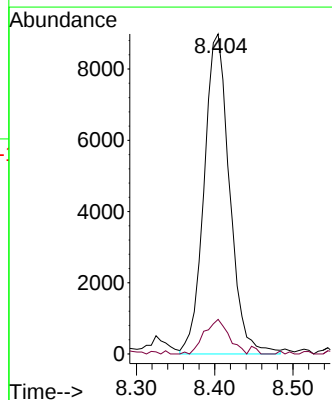
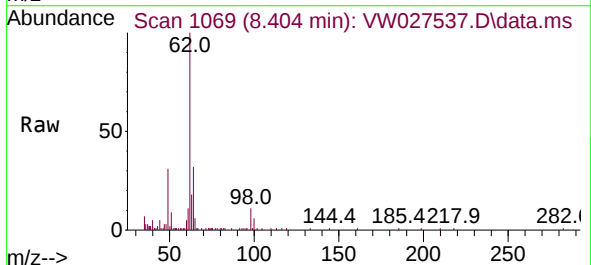
Instrument :
MSVOA_W
ClientSampleId :

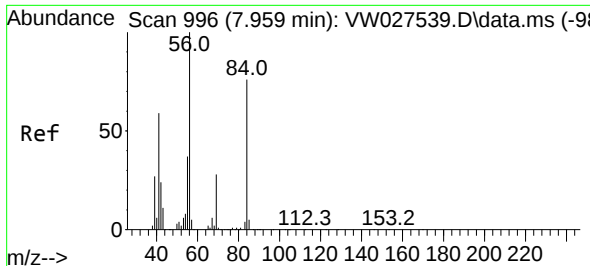
Tgt Ion: 83 Resp: 30875
Ion Ratio Lower Upper
83 100
85 68.2 44.2 82.0



#27
1,2-Dichloroethane
Concen: 2.657 ug/L
RT: 8.404 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 62 Resp: 20304
Ion Ratio Lower Upper
62 100
98 10.8 7.4 11.0

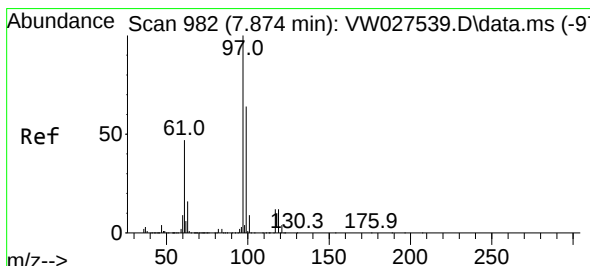
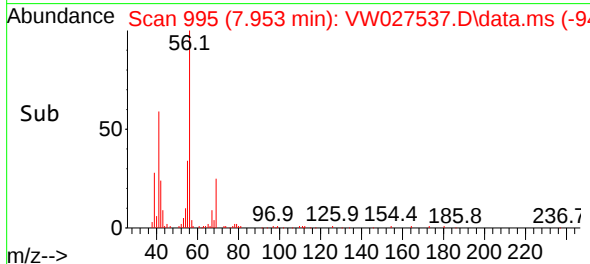
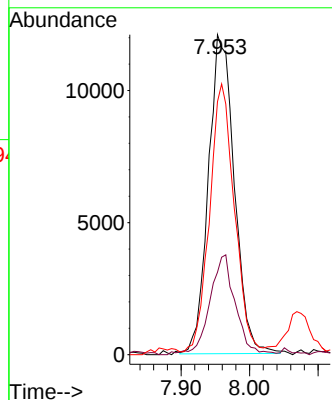
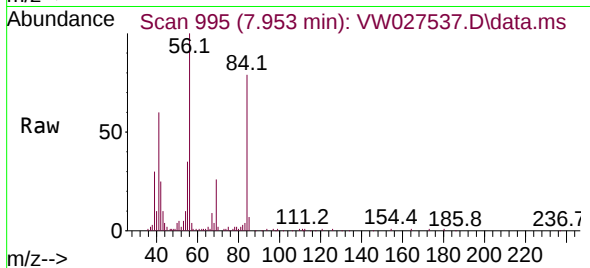




#29
Cyclohexane
Concen: 2.566 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

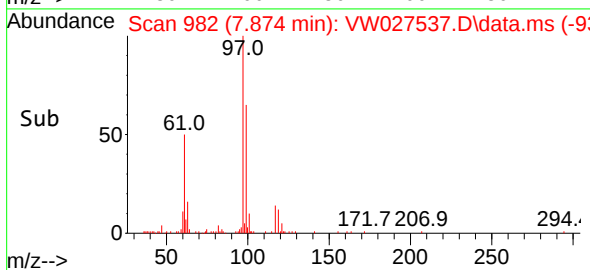
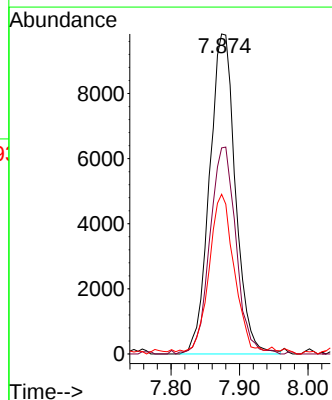
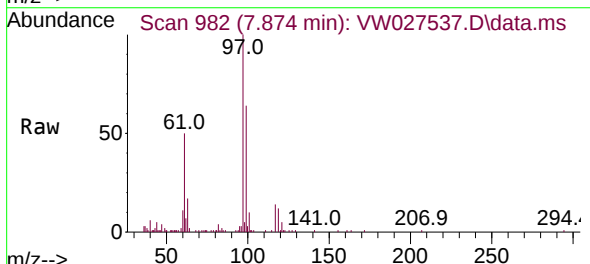
Instrument :
MSVOA_W
ClientSampleId :

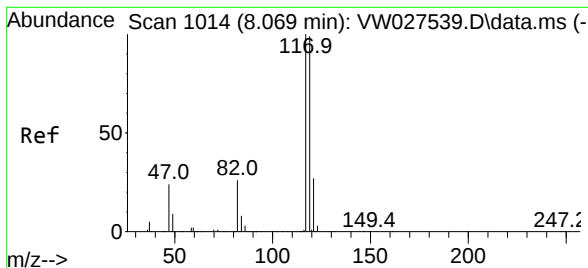
Tgt Ion: 56 Resp: 31736
Ion Ratio Lower Upper
56 100
69 30.2 23.0 34.6
84 82.0 63.6 95.4



#30
1,1,1-Trichloroethane
Concen: 2.700 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 97 Resp: 25801
Ion Ratio Lower Upper
97 100
99 65.0 51.0 76.4
61 48.2 39.1 58.7

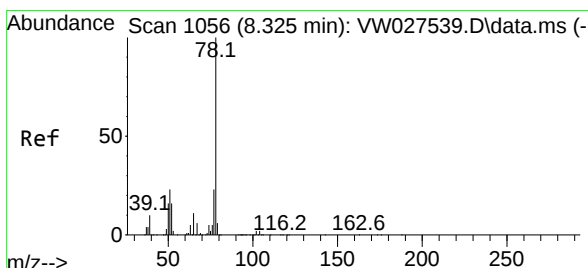
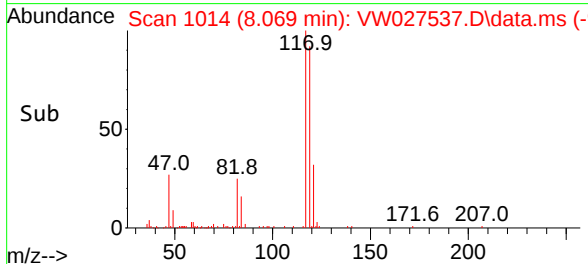
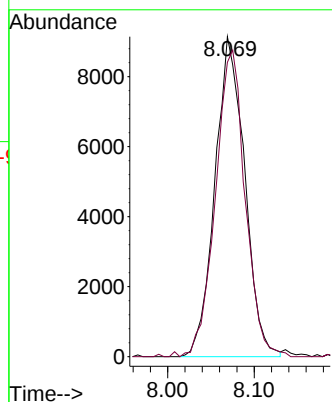
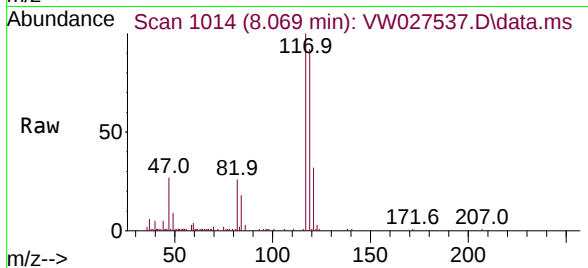




#31
Carbon tetrachloride
Concen: 2.605 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

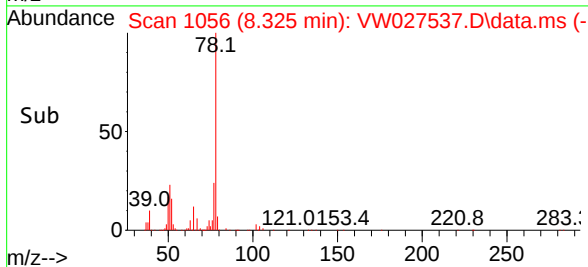
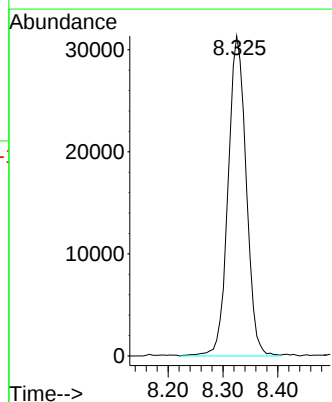
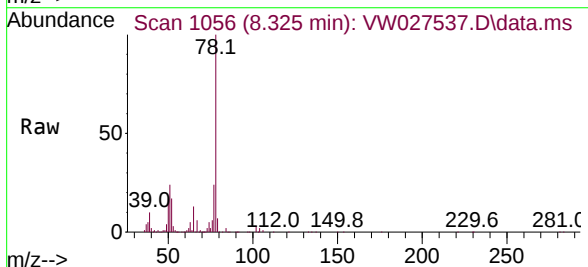
Instrument :
MSVOA_W
ClientSampleId :

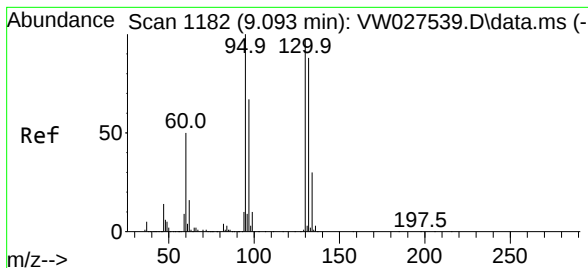
Tgt Ion:117 Resp: 21790
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7



#33
Benzene
Concen: 2.669 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 78 Resp: 72000





#34

Trichloroethene

Concen: 2.648 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

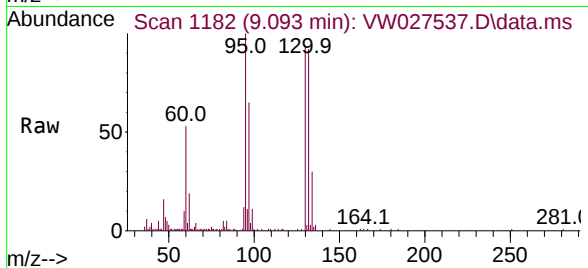
Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 18467

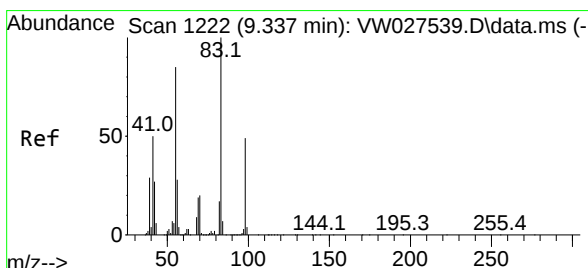
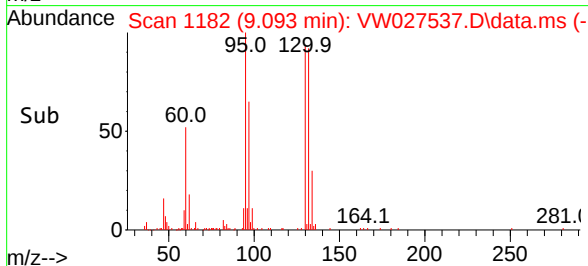
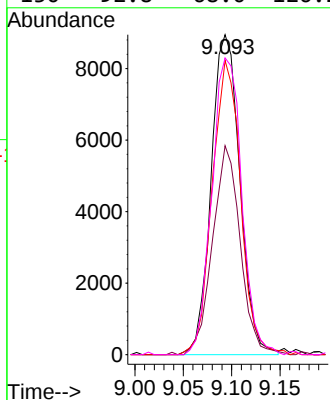
Ion Ratio Lower Upper

95 100

97 65.3 46.9 87.1

132 92.0 61.8 114.8

130 92.8 68.0 126.2



#35

Methylcyclohexane

Concen: 2.566 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

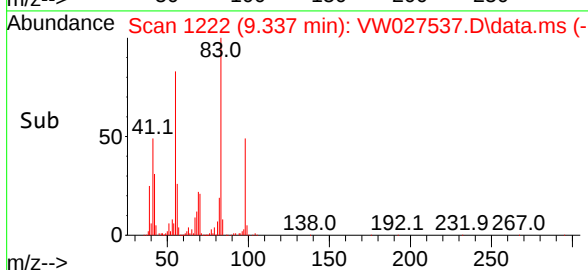
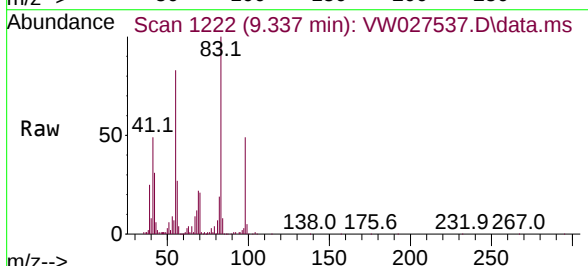
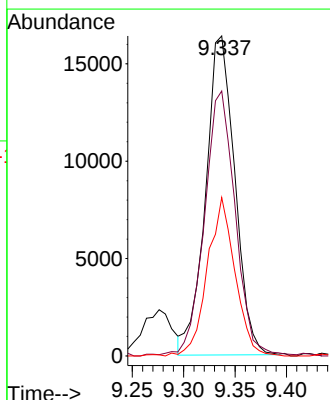
Tgt Ion: 83 Resp: 32416

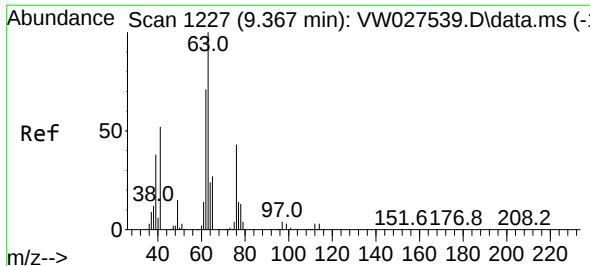
Ion Ratio Lower Upper

83 100

55 85.5 66.2 99.2

98 46.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 2.574 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Instrument :

MSVOA_W

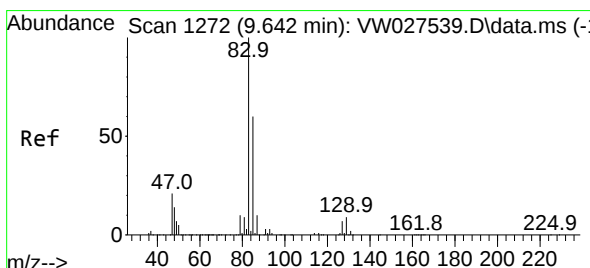
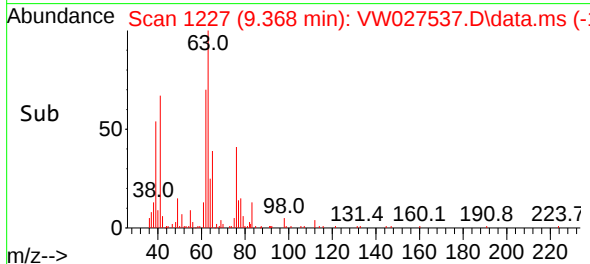
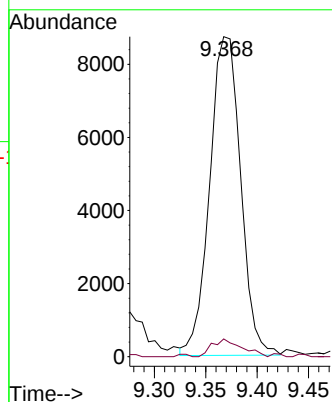
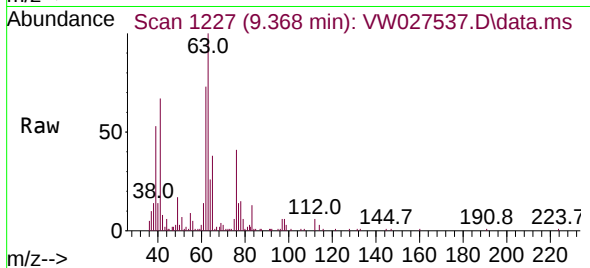
ClientSampleId :

Tgt Ion: 63 Resp: 18256

Ion Ratio Lower Upper

63 100

112 5.3 3.3 4.9#



#38

Bromodichloromethane

Concen: 2.564 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

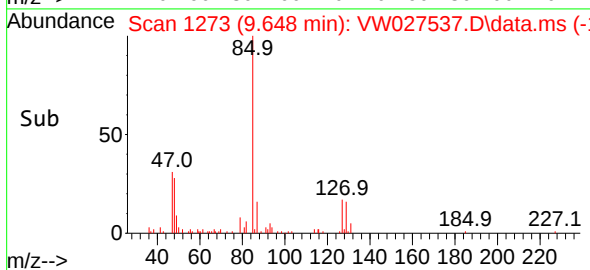
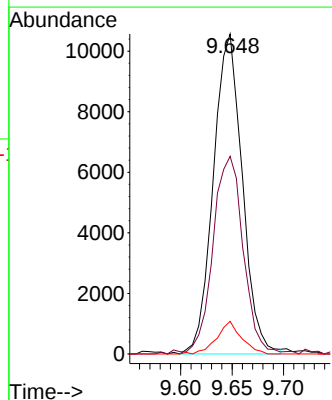
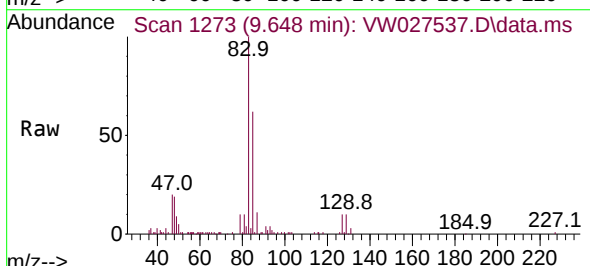
Tgt Ion: 83 Resp: 20688

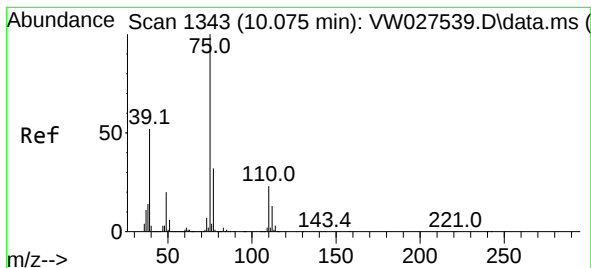
Ion Ratio Lower Upper

83 100

85 61.8 42.2 78.4

127 10.2 5.7 8.5#

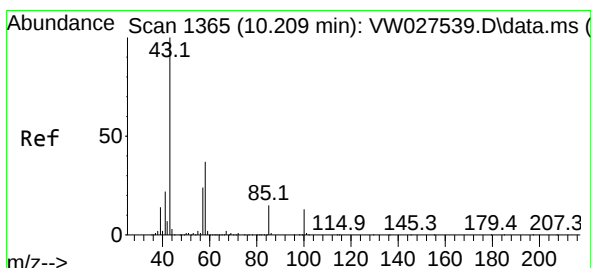
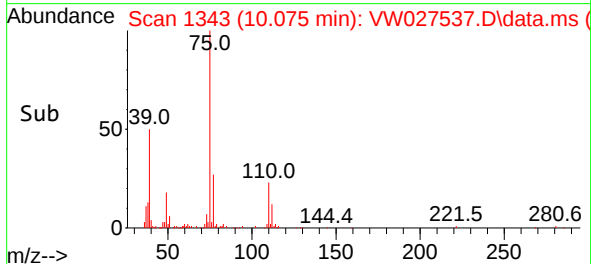
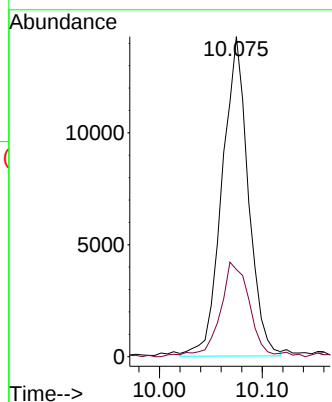
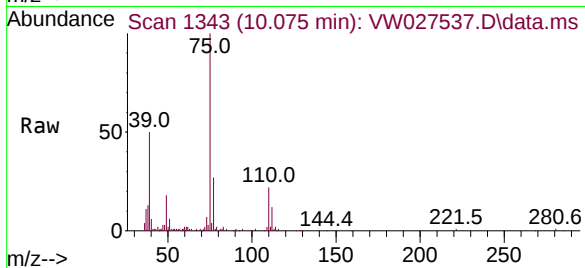




#39
 cis-1,3-Dichloropropene
 Concen: 2.404 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.000 min
 Lab File: VW027537.D
 Acq: 06 Nov 2023 08:56

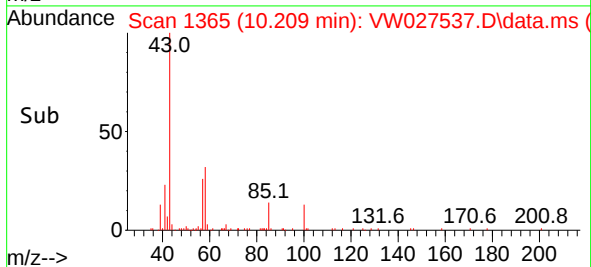
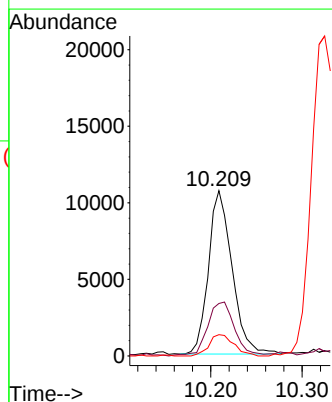
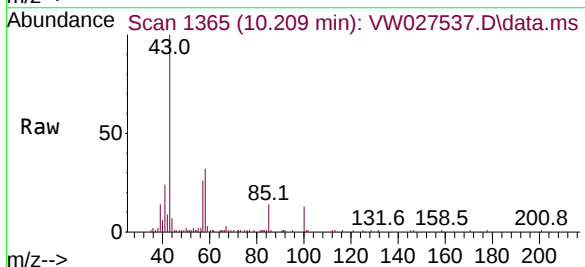
Instrument :
 MSVOA_W
 ClientSampleId :

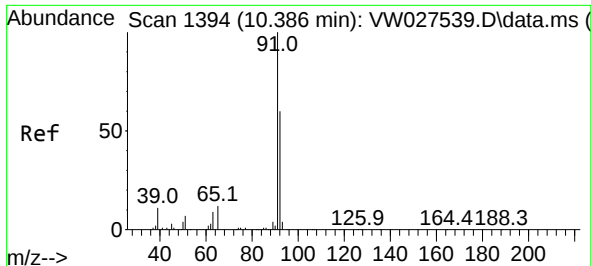
Tgt Ion: 75 Resp: 25209
 Ion Ratio Lower Upper
 75 100
 77 27.2 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 4.832 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW027537.D
 Acq: 06 Nov 2023 08:56

Tgt Ion: 43 Resp: 19138
 Ion Ratio Lower Upper
 43 100
 58 37.6 29.6 44.4
 100 13.8 10.7 16.1

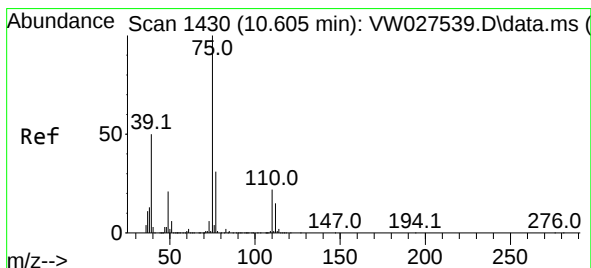
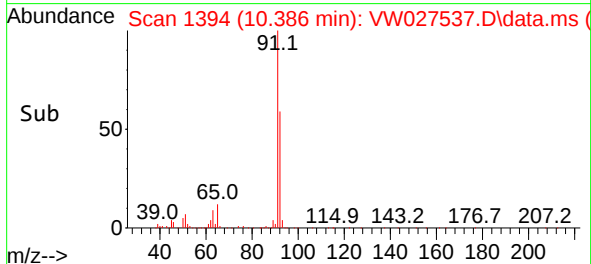
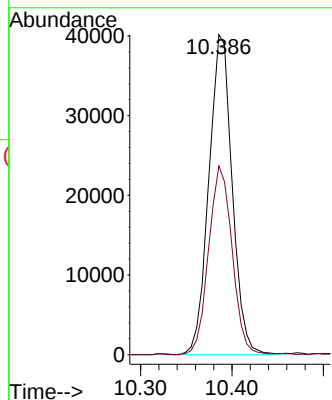
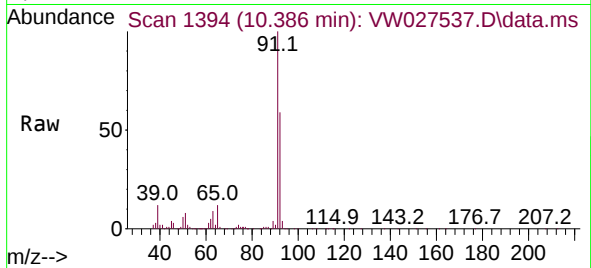




#42
Toluene
Concen: 2.541 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

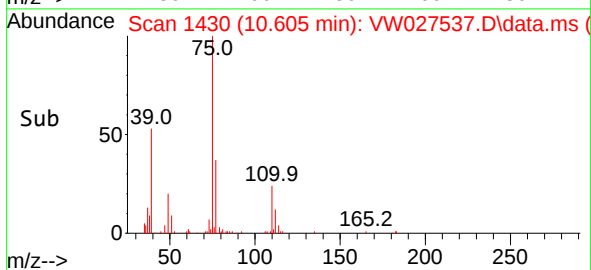
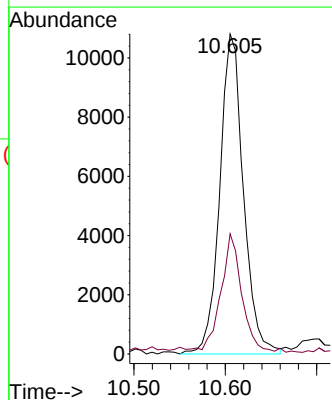
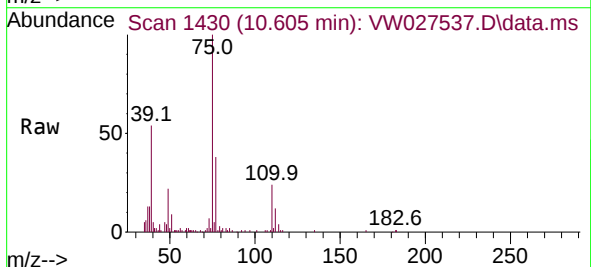
Instrument :
MSVOA_W
ClientSampleId :

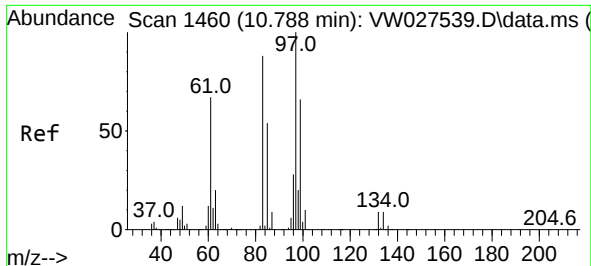
Tgt Ion: 91 Resp: 71134
Ion Ratio Lower Upper
91 100
92 59.0 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 2.312 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 75 Resp: 19485
Ion Ratio Lower Upper
75 100
77 37.6 22.0 41.0

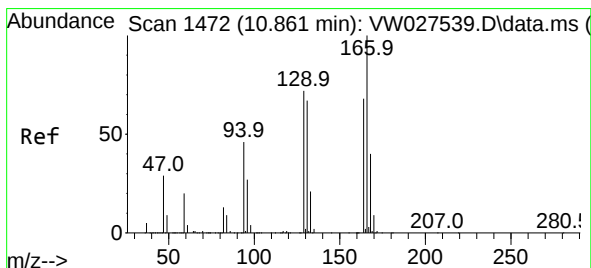
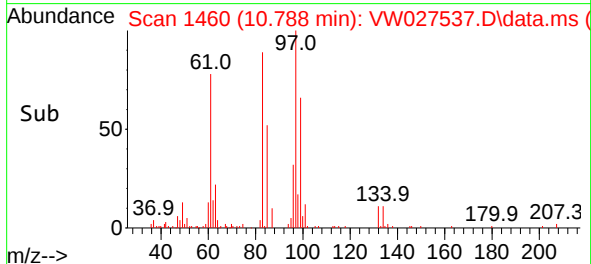
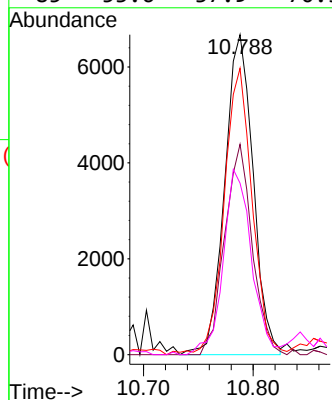
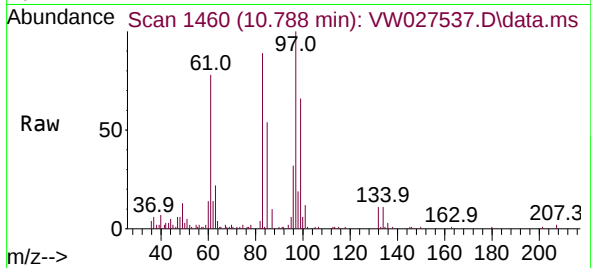




#45
1,1,2-Trichloroethane
Concen: 2.605 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

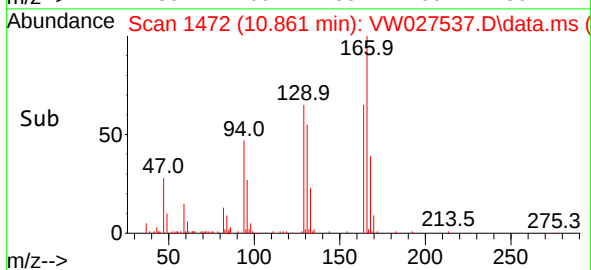
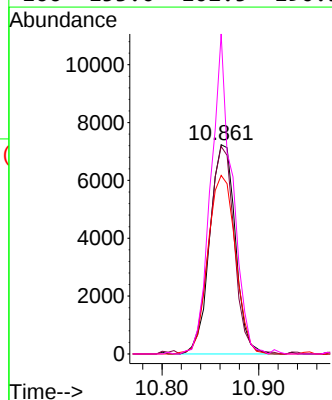
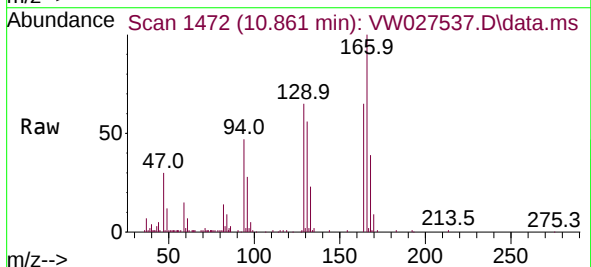
Instrument :
MSVOA_W
ClientSampleId :

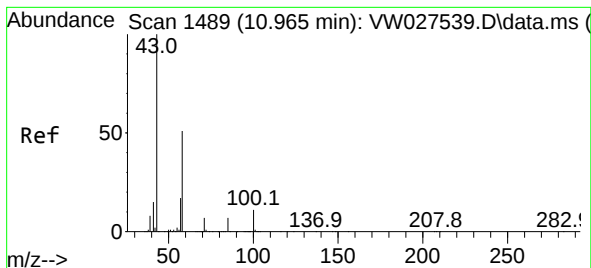
Tgt Ion:	97	Resp:	12013
Ion	Ratio	Lower	Upper
97	100		
99	65.7	46.1	85.5
83	89.5	61.5	114.3
85	53.6	37.9	70.5



#46
Tetrachloroethene
Concen: 2.644 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion:	164	Resp:	13233
Ion	Ratio	Lower	Upper
164	100		
129	99.2	73.4	136.2
131	85.4	68.4	127.0
166	153.0	102.5	190.3





#48

2-Hexanone

Concen: 4.544 ug/L

RT: 10.971 min Scan# 1489

Delta R.T. 0.006 min

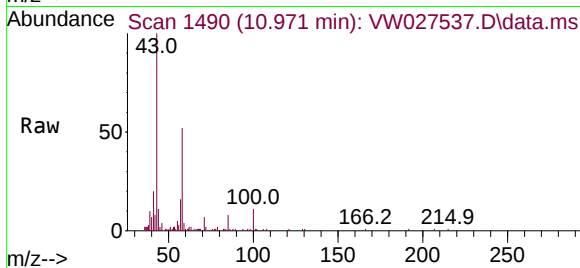
Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 14323

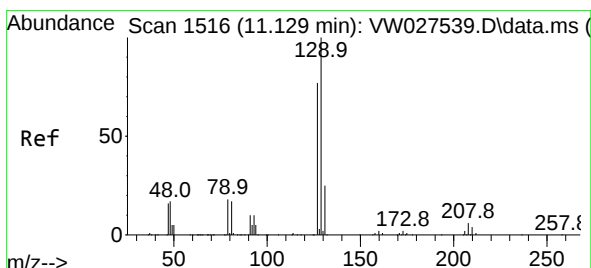
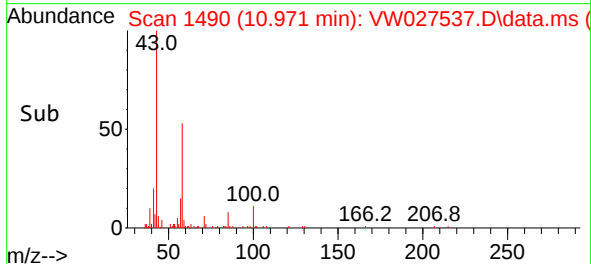
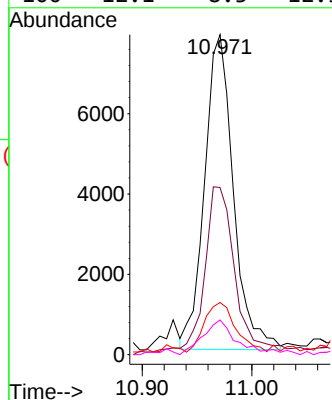
Ion Ratio Lower Upper

43 100

58 54.8 41.7 62.5

57 17.2 14.2 21.2

100 12.1 8.3 12.5



#49

Dibromochloromethane

Concen: 2.387 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VW027537.D

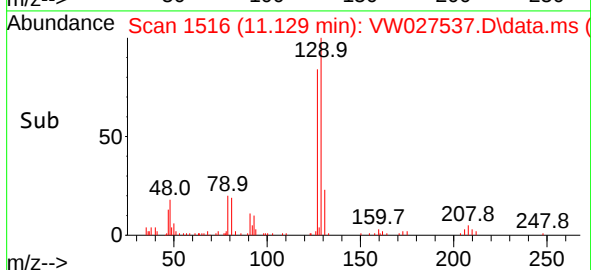
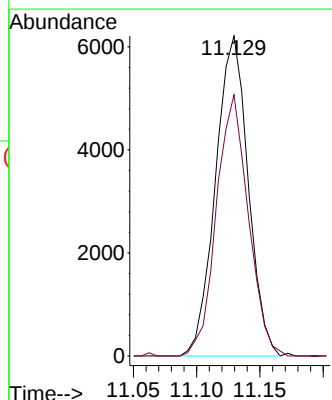
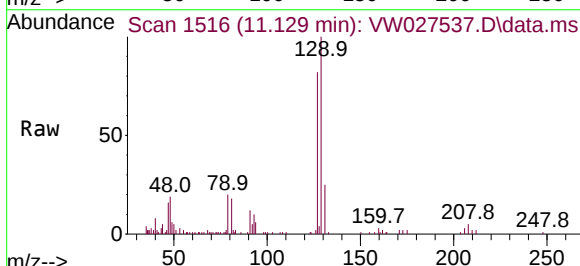
Acq: 06 Nov 2023 08:56

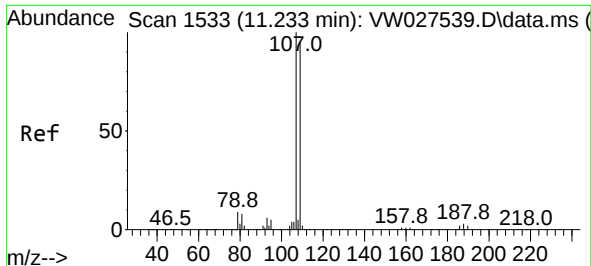
Tgt Ion: 129 Resp: 11132

Ion Ratio Lower Upper

129 100

127 81.6 54.1 100.5





#50

1,2-Dibromoethane

Concen: 2.692 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.000 min

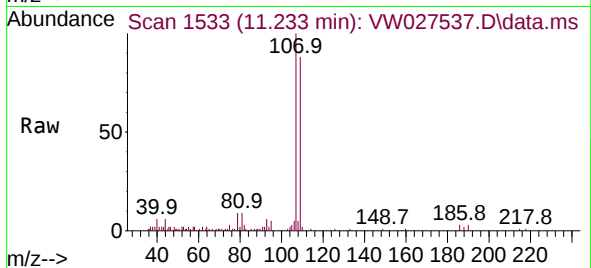
Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Instrument :

MSVOA_W

ClientSampleId :



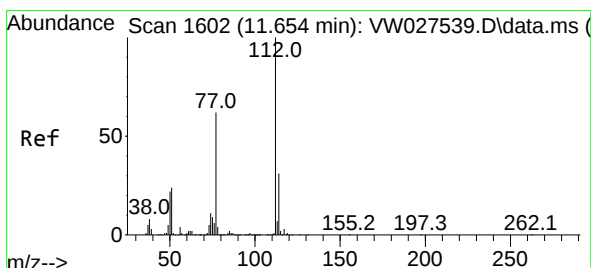
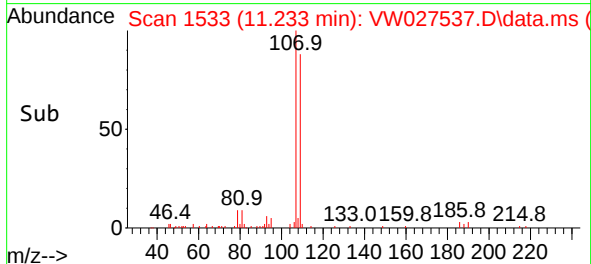
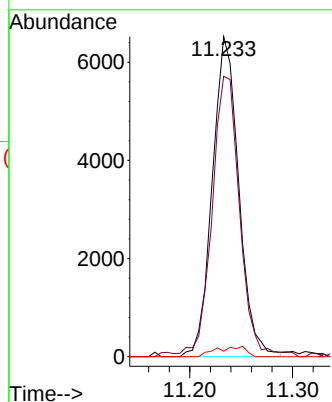
Tgt Ion:107 Resp: 11636

Ion Ratio Lower Upper

107 100

109 87.6 66.7 123.9

188 1.7 2.2 3.2#



#51

Chlorobenzene

Concen: 2.588 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

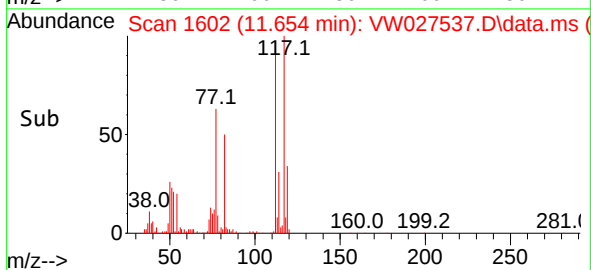
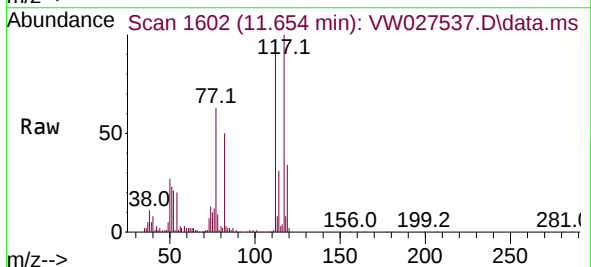
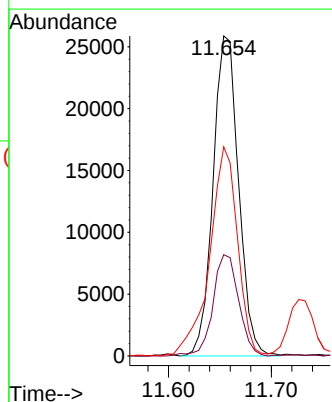
Tgt Ion:112 Resp: 44576

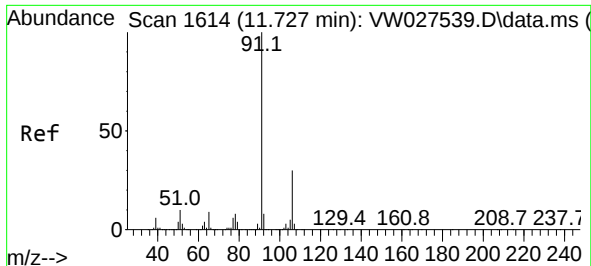
Ion Ratio Lower Upper

112 100

114 31.7 21.7 40.3

77 65.3 49.9 74.9

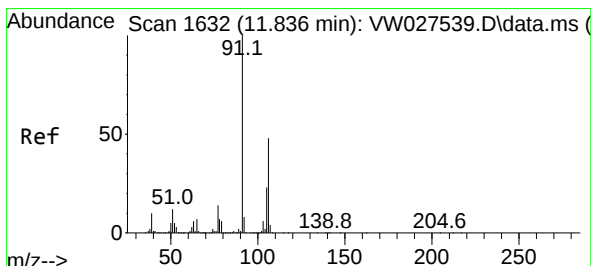
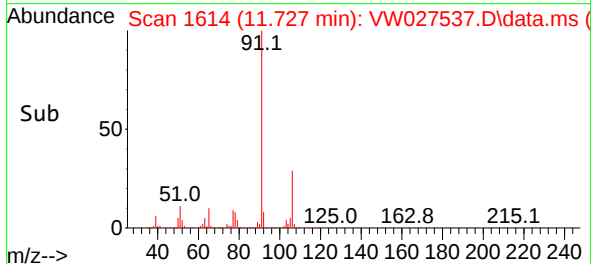
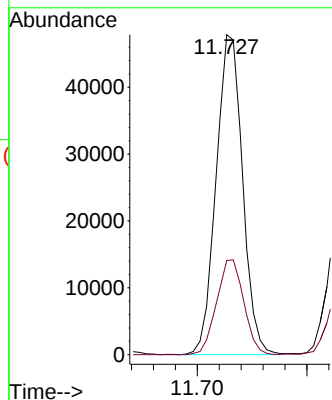
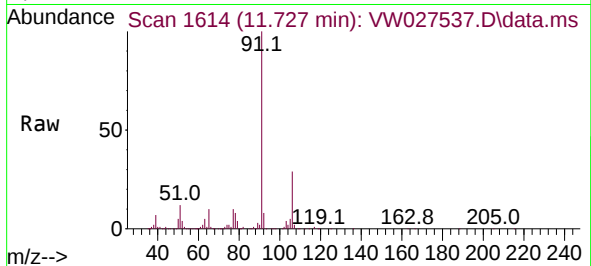




#52
Ethylbenzene
Concen: 2.515 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

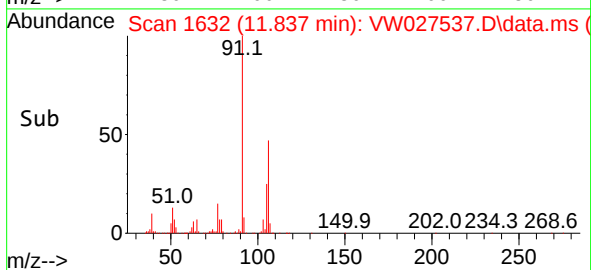
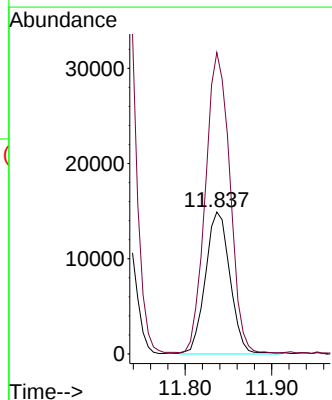
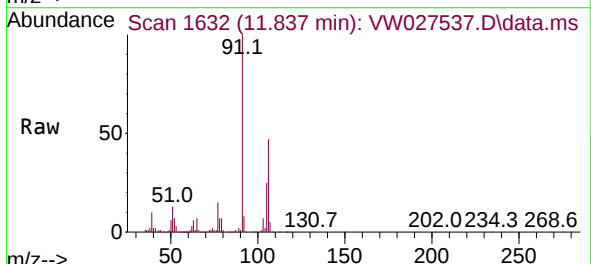
Instrument :
MSVOA_W
ClientSampleId :

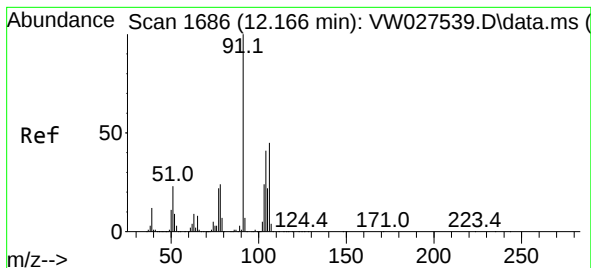
Tgt Ion: 91 Resp: 80283
Ion Ratio Lower Upper
91 100
106 29.5 20.9 38.7



#53
m,p-Xylene
Concen: 2.501 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion:106 Resp: 29441
Ion Ratio Lower Upper
106 100
91 212.3 146.3 271.7





#54

o-Xylene

Concen: 2.428 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Instrument :

MSVOA_W

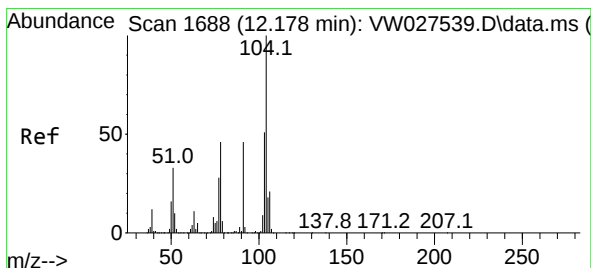
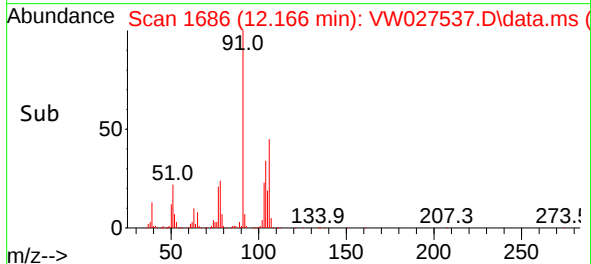
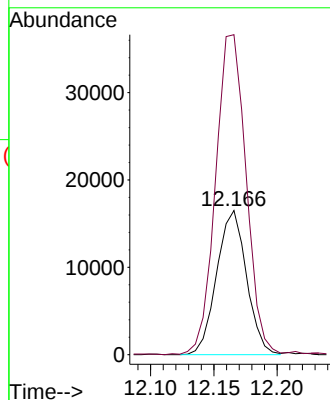
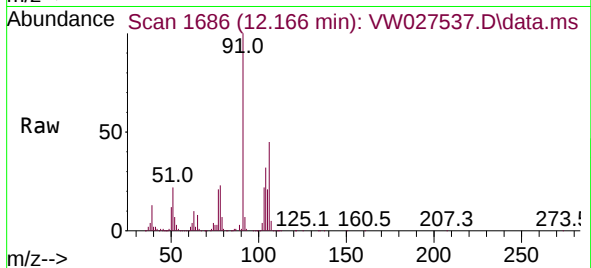
ClientSampleId :

Tgt Ion:106 Resp: 27061

Ion Ratio Lower Upper

106 100

91 222.1 154.1 286.3



#55

Styrene

Concen: 2.404 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027537.D

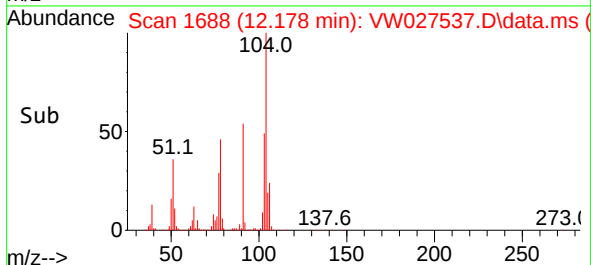
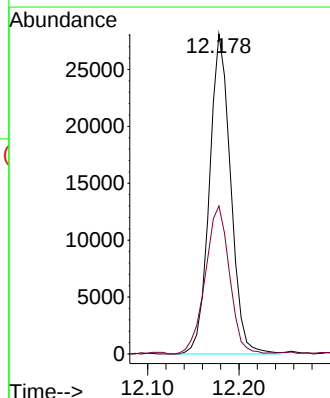
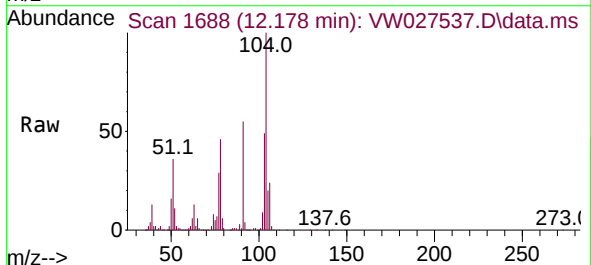
Acq: 06 Nov 2023 08:56

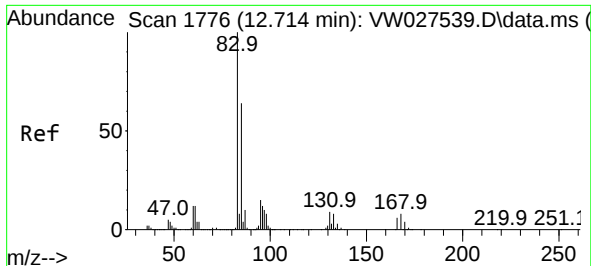
Tgt Ion:104 Resp: 45402

Ion Ratio Lower Upper

104 100

78 46.3 32.4 60.2





#57

1,1,2,2-Tetrachloroethane

Concen: 2.543 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027537.D

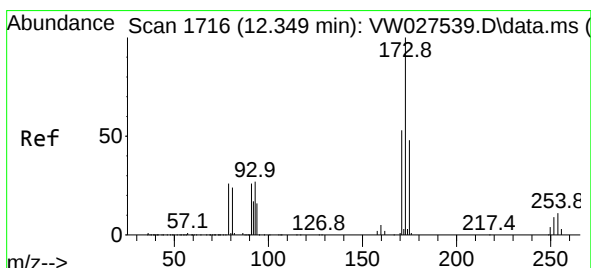
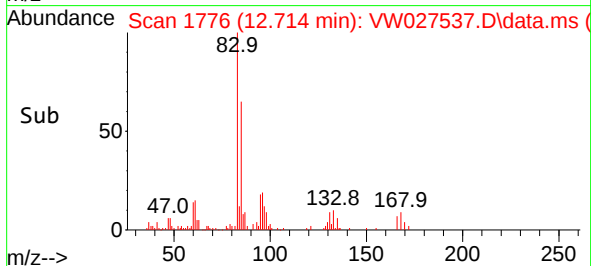
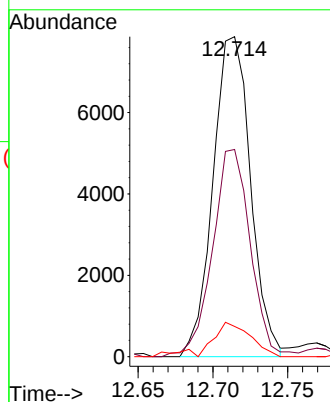
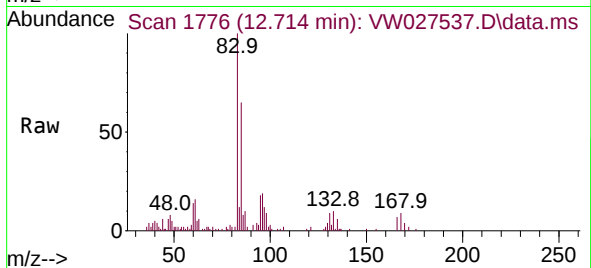
Acq: 06 Nov 2023 08:56

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	13740
Ion	Ratio	Lower	Upper
83	100		
85	64.7	44.6	82.8
131	9.5	7.3	10.9



#59

Bromoform

Concen: 2.404 ug/L

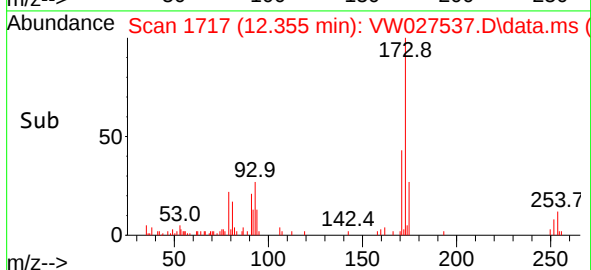
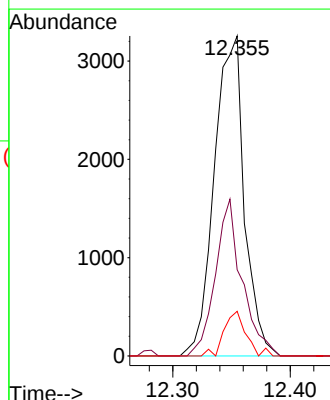
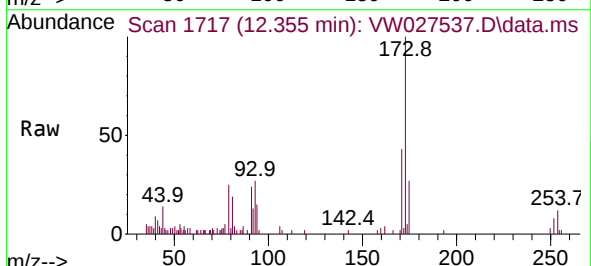
RT: 12.355 min Scan# 1717

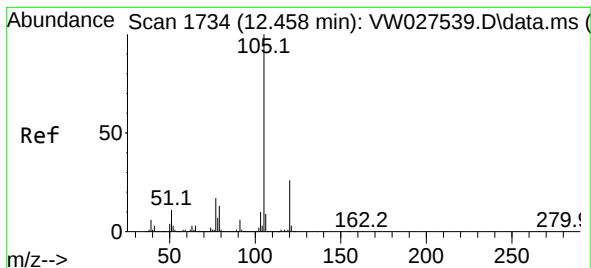
Delta R.T. 0.006 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Tgt Ion:	173	Resp:	5777
Ion	Ratio	Lower	Upper
173	100		
175	43.6	40.6	61.0
254	9.3	7.8	11.6





#60

Isopropylbenzene

Concen: 2.540 ug/L

RT: 12.465 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Instrument :

MSVOA_W

ClientSampleId :

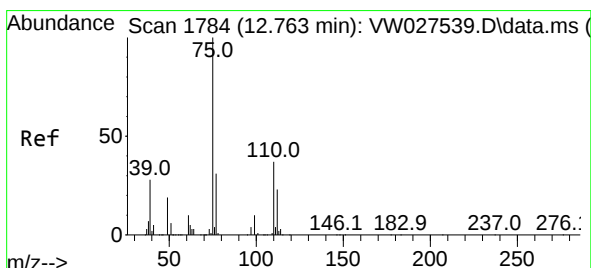
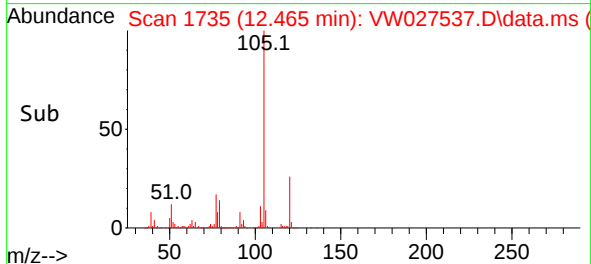
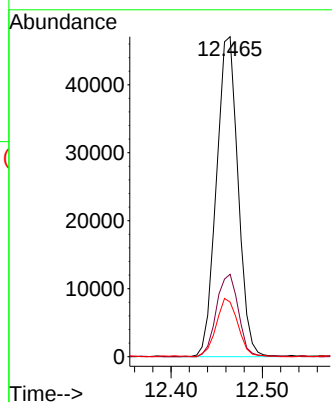
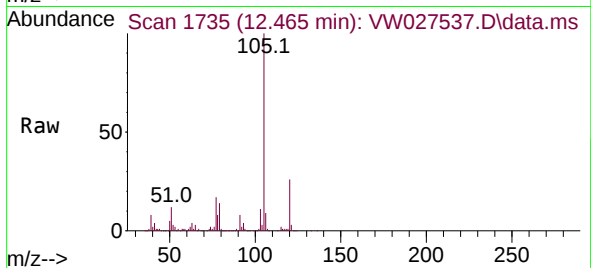
Tgt Ion:105 Resp: 77458

Ion Ratio Lower Upper

105 100

120 26.2 20.8 31.2

77 18.3 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 2.591 ug/L

RT: 12.769 min Scan# 1785

Delta R.T. 0.006 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

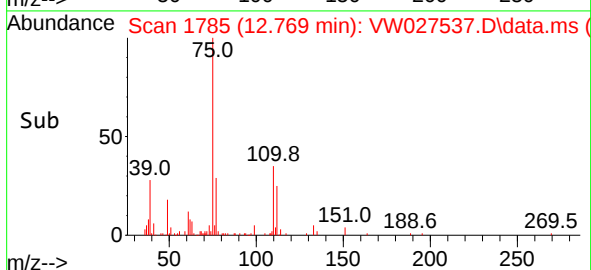
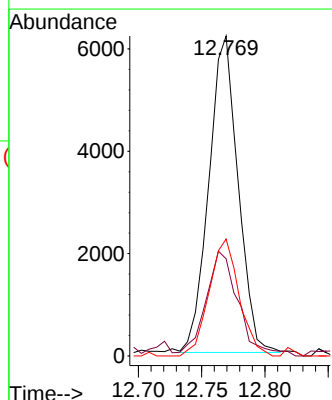
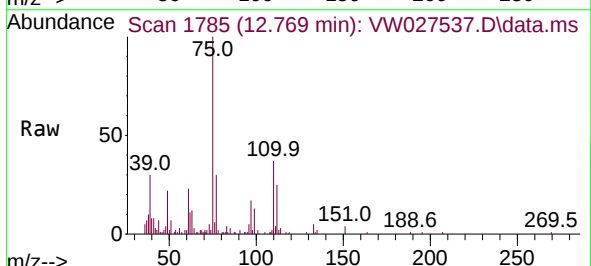
Tgt Ion: 75 Resp: 9949

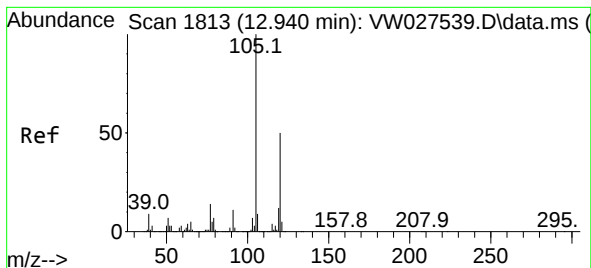
Ion Ratio Lower Upper

75 100

77 36.8 25.3 37.9

110 37.9 28.8 43.2





#62

1,3,5-Trimethylbenzene

Concen: 2.488 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Instrument :

MSVOA_W

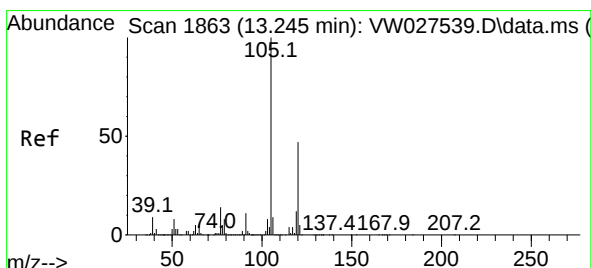
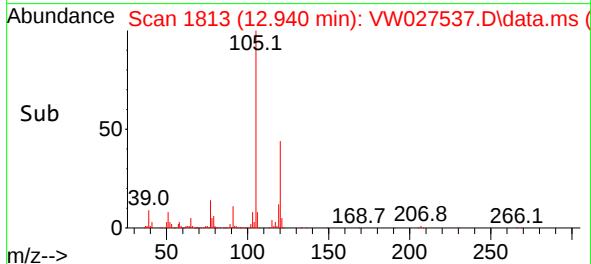
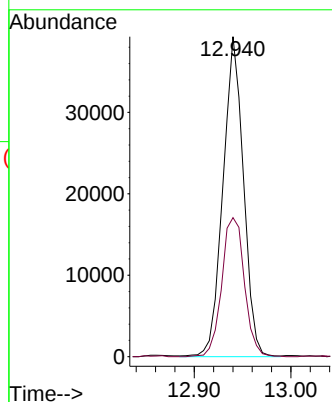
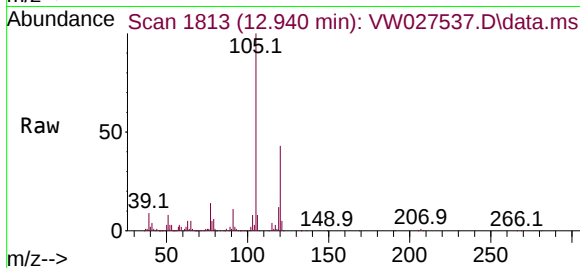
ClientSampleId :

Tgt Ion:105 Resp: 57837

Ion Ratio Lower Upper

105 100

120 47.7 39.1 58.7



#63

1,2,4-Trimethylbenzene

Concen: 2.478 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW027537.D

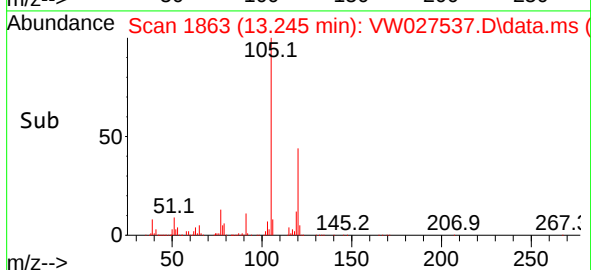
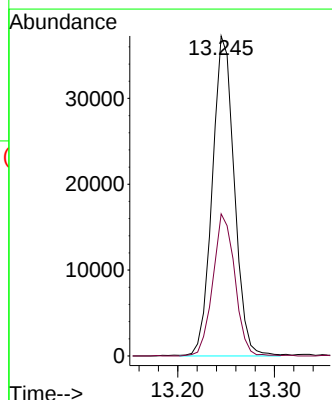
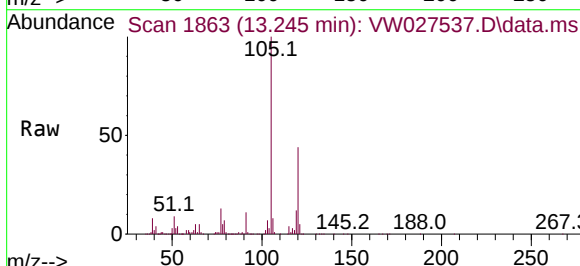
Acq: 06 Nov 2023 08:56

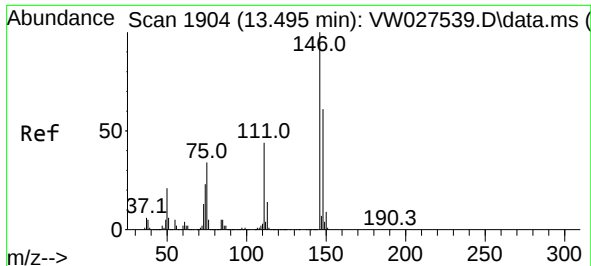
Tgt Ion:105 Resp: 58955

Ion Ratio Lower Upper

105 100

120 43.8 36.6 54.8

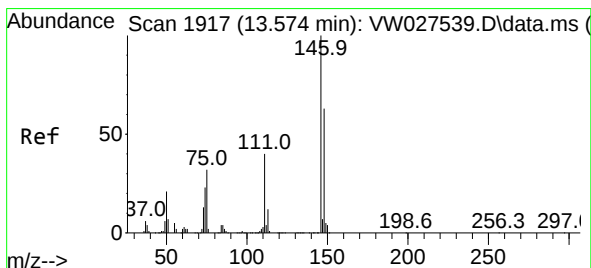
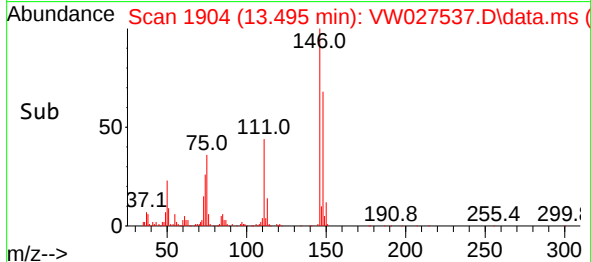
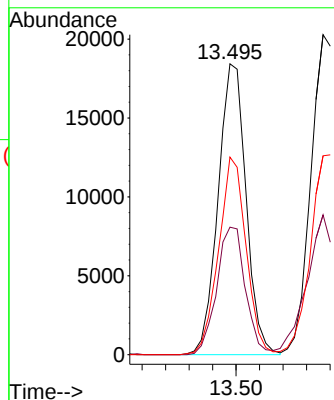
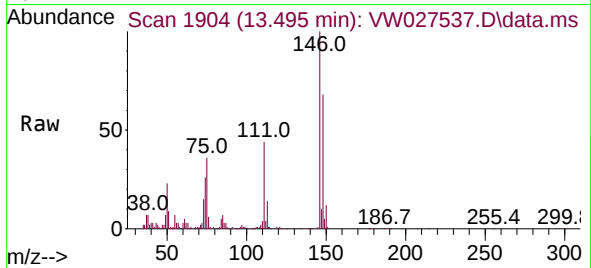




#64
1,3-Dichlorobenzene
Concen: 2.459 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

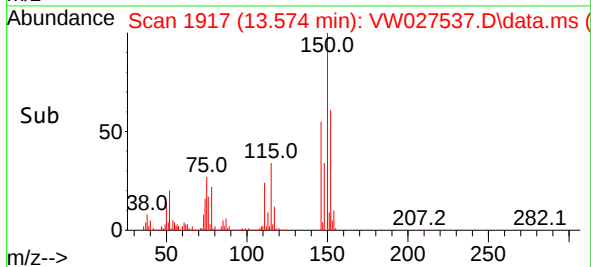
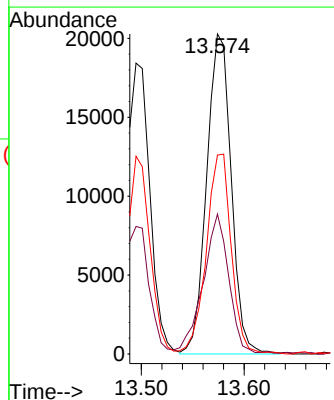
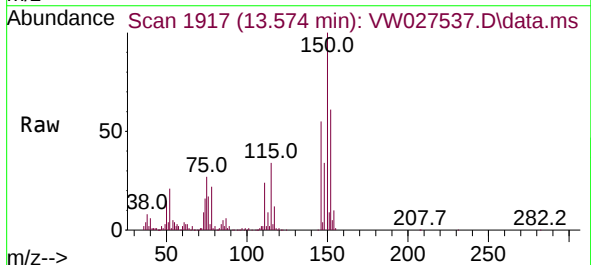
Instrument :
MSVOA_W
ClientSampleId :

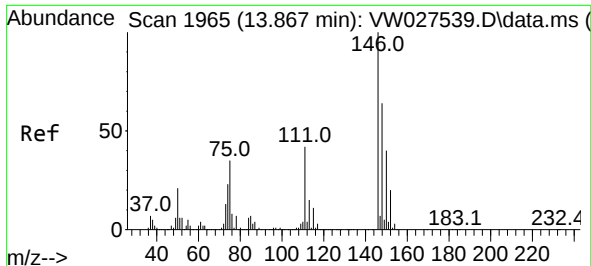
Tgt Ion:146 Resp: 30468
Ion Ratio Lower Upper
146 100
111 43.8 30.5 56.7
148 68.0 43.0 79.8



#65
1,4-Dichlorobenzene
Concen: 2.711 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion:146 Resp: 33652
Ion Ratio Lower Upper
146 100
111 43.7 27.9 51.9
148 62.1 44.0 81.8

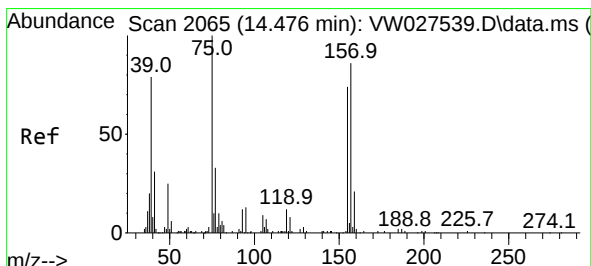
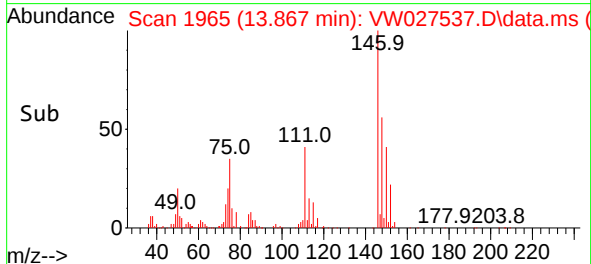
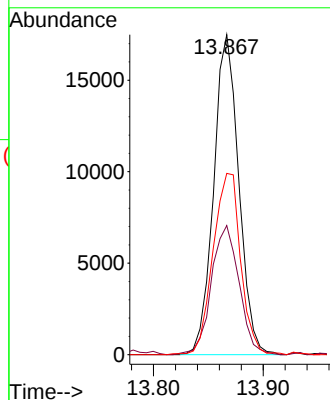
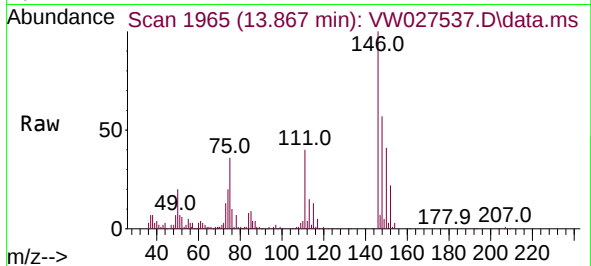




#67
1,2-Dichlorobenzene
Concen: 2.577 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

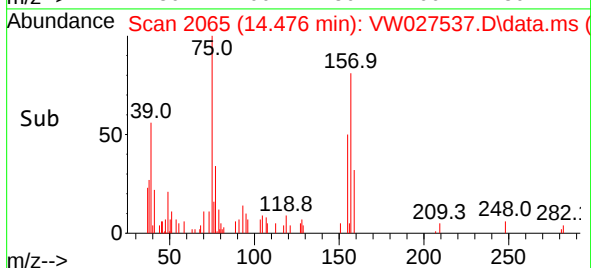
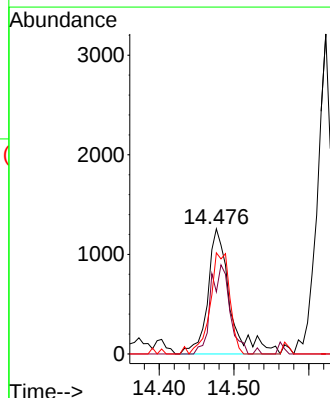
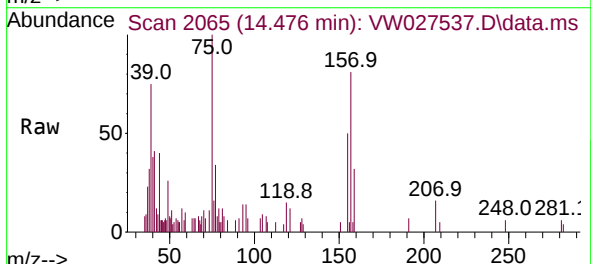
Instrument :
MSVOA_W
ClientSampleId :

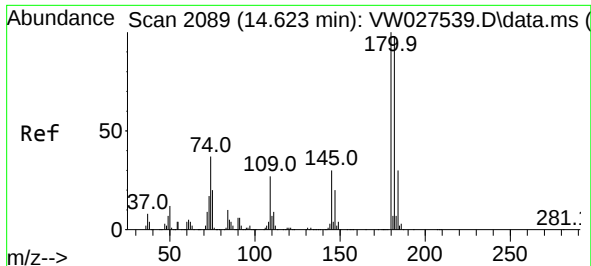
Tgt Ion:146 Resp: 27863
Ion Ratio Lower Upper
146 100
111 40.4 33.4 50.2
148 56.6 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 3.034 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW027537.D
Acq: 06 Nov 2023 08:56

Tgt Ion: 75 Resp: 2601
Ion Ratio Lower Upper
75 100
155 49.6 59.0 88.6#
157 80.7 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 2.651 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

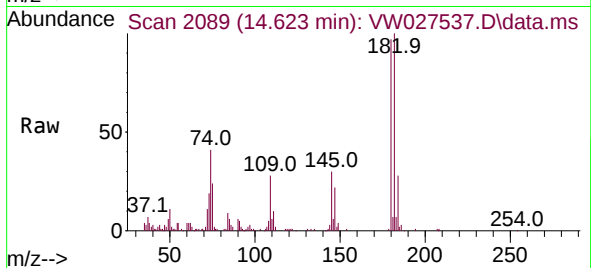
Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 21074

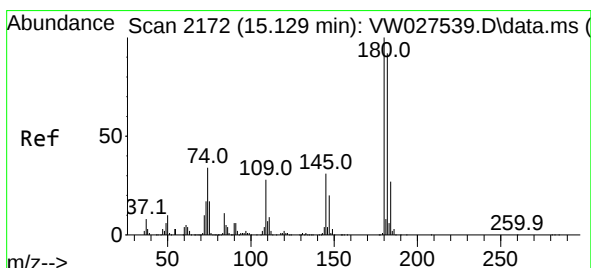
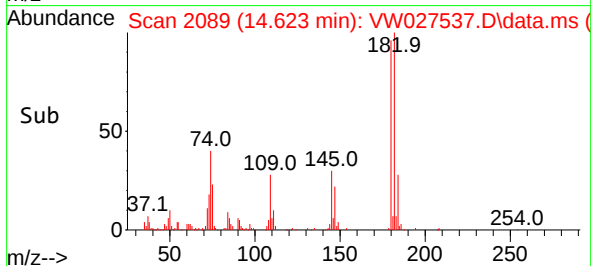
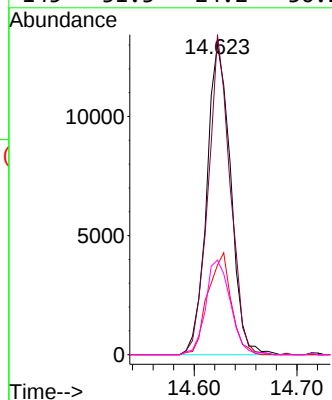
Ion Ratio Lower Upper

180 100

182 94.9 78.4 117.6

184 32.3 23.4 35.0

145 31.3 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 2.614 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

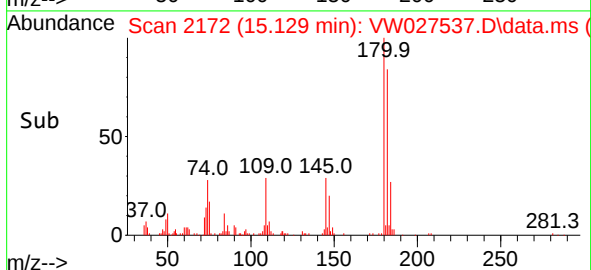
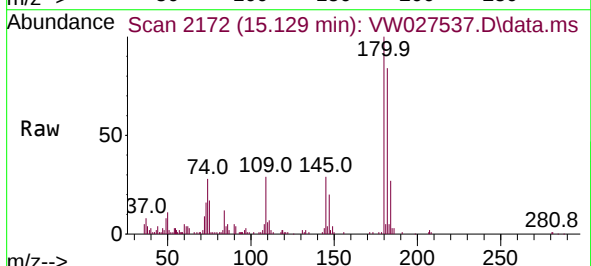
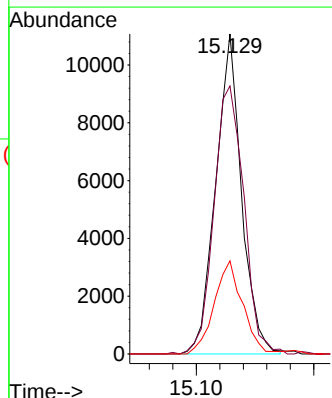
Tgt Ion:180 Resp: 16883

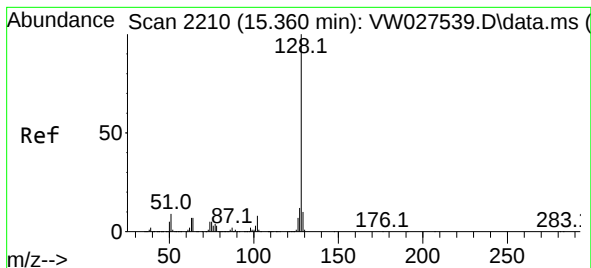
Ion Ratio Lower Upper

180 100

182 97.0 70.3 105.5

145 31.9 24.8 37.2





#71

Naphthalene

Concen: 2.405 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Instrument :

MSVOA_W

ClientSampleId :

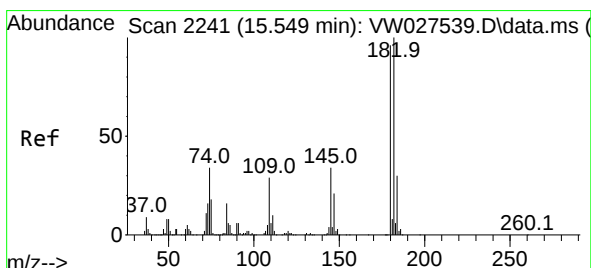
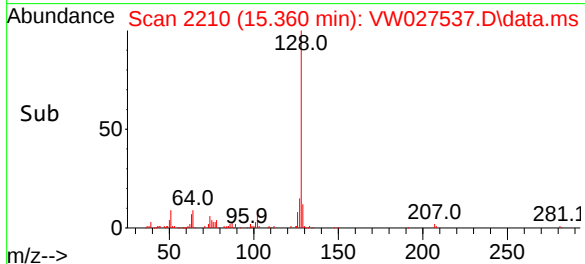
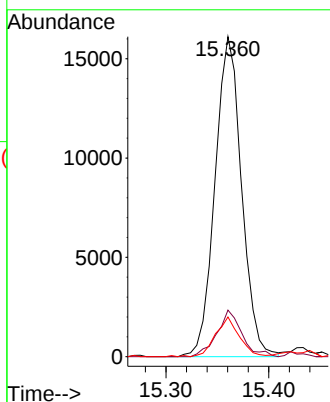
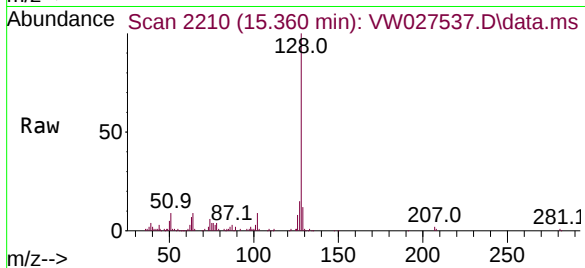
Tgt Ion:128 Resp: 28917

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 2.682 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027537.D

Acq: 06 Nov 2023 08:56

Tgt Ion:180 Resp: 14406

Ion Ratio Lower Upper

180 100

182 96.3 76.5 114.7

145 36.1 27.5 41.3

