

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029459.D
 Acq On : 02 Jul 2024 21:06
 Operator : SY/MD
 Sample : P3139-03MSD
 Misc : 5.22g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4D00MSD

Quant Time: Jul 03 05:48:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	262747	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	149643	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	31400	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	83603	22.989	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.960%
7) Chloroethane-d5	2.899	69	77792	25.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.320%
11) 1,1-Dichloroethene-d2	4.021	65	40732	23.197	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.800%
21) 2-Butanone-d5	7.075	46	52658	48.397	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.800%
24) Chloroform-d	7.648	84	198038	25.267	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.080%
26) 1,2-Dichloroethane-d4	8.307	65	108599	24.133	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.520%
32) Benzene-d6	8.276	84	348263	38.316	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	153.280%#
36) 1,2-Dichloropropane-d6	9.270	67	120229	41.612	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	166.440%#
41) Toluene-d8	10.319	98	248667	30.922	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	123.680%
43) trans-1,3-Dichloroprop...	10.575	79	20066	17.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	68.920%
47) 2-Hexanone-d5	10.922	63	16661	36.785	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60255	26.203	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	13.848	152	25457	23.357	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.440%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	36993	14.431	ug/L	97
3) Chloromethane	2.222	50	55583	15.207	ug/L	99
5) Vinyl chloride	2.375	62	64314	15.322	ug/L	99
6) Bromomethane	2.789	94	29035	11.509	ug/L	99
8) Chloroethane	2.936	64	44002	17.139	ug/L	97
9) Trichlorofluoromethane	3.265	101	65139	20.017	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	51915	14.469	ug/L	96
12) 1,1-Dichloroethene	4.045	96	50573	16.611	ug/L	93
13) Acetone	4.125	43	24627	26.634	ug/L	99
14) Carbon disulfide	4.393	76	99676	10.029	ug/L	99
15) Methyl Acetate	4.679	43	16533	9.007	ug/L	98
16) Methylene chloride	4.923	84	65959	14.277	ug/L	94
17) trans-1,2-Dichloroethene	5.429	96	45715	13.521	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	118576	21.921	ug/L	98
19) 1,1-Dichloroethane	6.216	63	137698	18.857	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	56199	15.073	ug/L	97
22) 2-Butanone	7.167	43	34551	27.259	ug/L	99
23) Bromochloromethane	7.514	128	26807	16.151	ug/L	98
25) Chloroform	7.679	83	129381	18.145	ug/L	98

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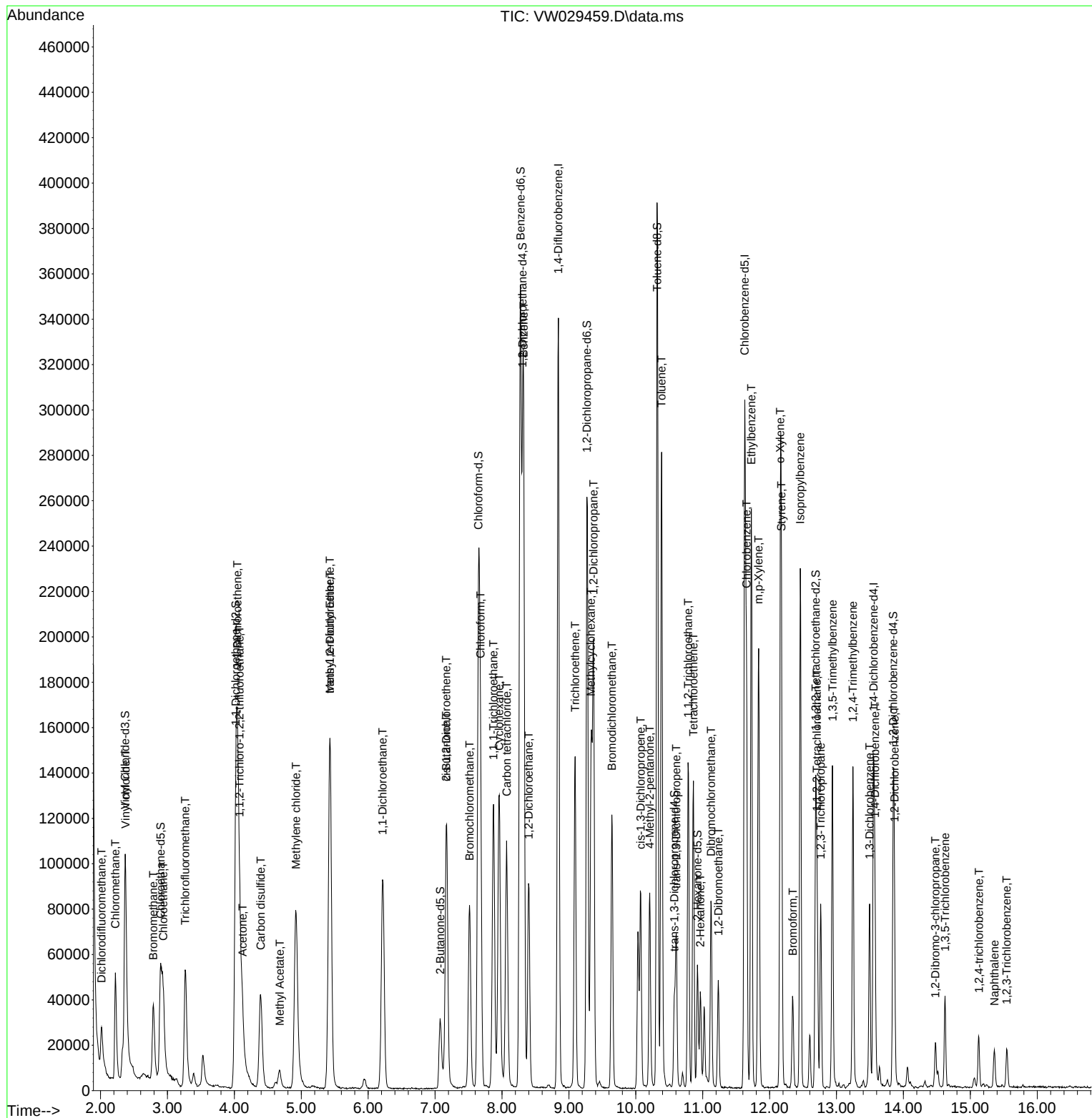
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	84498	16.068	ug/L	100
29) Cyclohexane	7.959	56	71159	20.801	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	97710	29.364	ug/L	97
31) Carbon tetrachloride	8.069	117	78816	25.928	ug/L	95
33) Benzene	8.325	78	241207	26.827	ug/L	100
34) Trichloroethene	9.093	95	50827	21.188	ug/L	93
35) Methylcyclohexane	9.331	83	54198	14.366	ug/L	98
37) 1,2-Dichloropropane	9.367	63	72039	28.513	ug/L	99
38) Bromodichloromethane	9.642	83	79699	25.800	ug/L	98
39) cis-1,3-Dichloropropene	10.075	75	49216	13.780	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	58842	37.576	ug/L	99
42) Toluene	10.386	91	197264	21.341	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	35341	11.719	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	42898	24.379	ug/L	97
46) Tetrachloroethene	10.861	164	28162	16.794	ug/L	90
48) 2-Hexanone	10.965	43	27510	24.758	ug/L	99
49) Dibromochloromethane	11.123	129	40415	21.972	ug/L	96
50) 1,2-Dibromoethane	11.233	107	30721	19.449	ug/L	91
51) Chlorobenzene	11.654	112	88111	14.679	ug/L	97
52) Ethylbenzene	11.727	91	171033	16.301	ug/L	97
53) m,p-Xylene	11.837	106	57421	14.983	ug/L	92
54) o-Xylene	12.160	106	57127	15.949	ug/L	94
55) Styrene	12.178	104	67605	10.825	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	39464	18.131	ug/L	99
59) Bromoform	12.349	173	17648	41.008	ug/L	96
60) Isopropylbenzene	12.458	105	134805	32.220	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	32305	47.168	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	71746	23.678	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	69594	21.347	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	29179	16.116	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	29429	15.276	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	26406	15.776	ug/L #	84
68) 1,2-Dibromo-3-chloropr...	14.476	75	5087	31.828	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	10553	8.636	ug/L	94
70) 1,2,4-trichlorobenzene	15.129	180	6408	6.469	ug/L	98
71) Naphthalene	15.360	128	13445	6.877	ug/L	97
72) 1,2,3-Trichlorobenzene	15.543	180	4886	5.413	ug/L	95

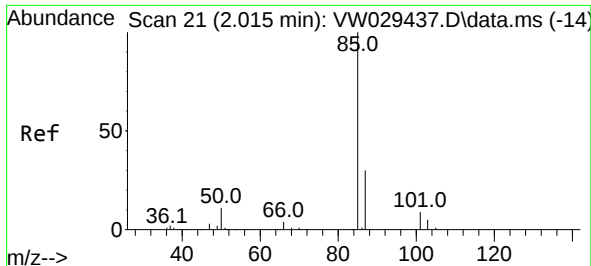
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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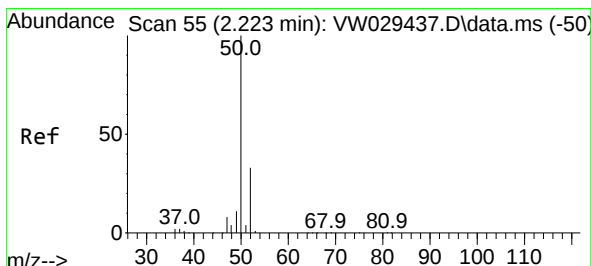
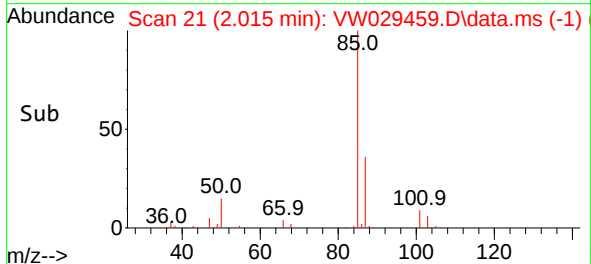
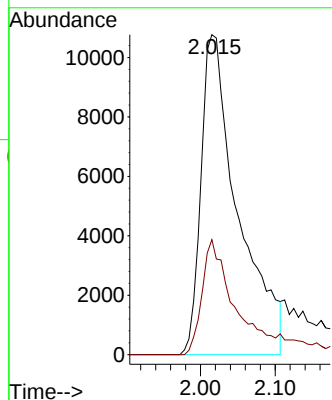
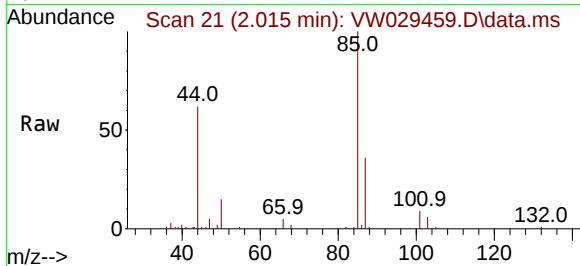




#2
Dichlorodifluoromethane
Concen: 14.431 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

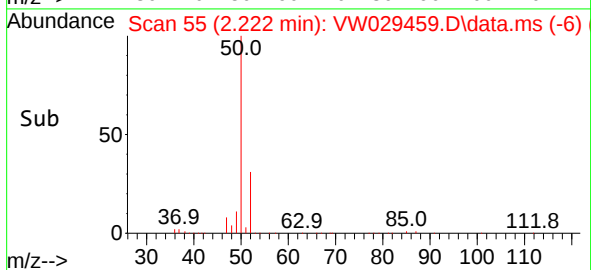
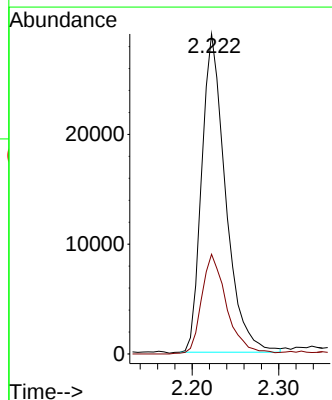
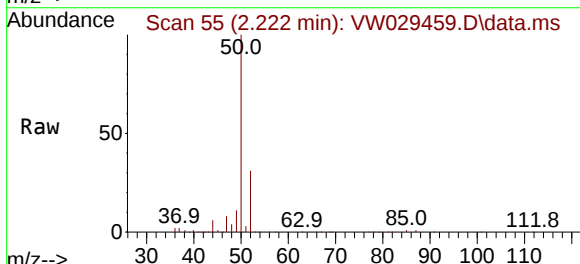
Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

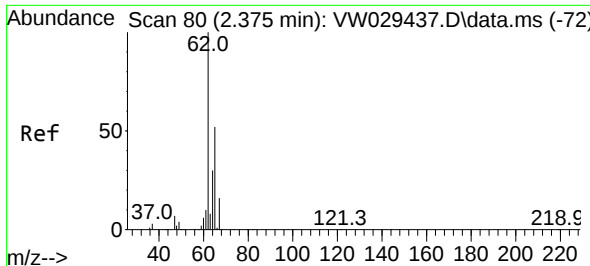
Tgt Ion: 85 Resp: 36993
Ion Ratio Lower Upper
85 100
87 31.4 23.8 35.6



#3
Chloromethane
Concen: 15.207 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion: 50 Resp: 55583
Ion Ratio Lower Upper
50 100
52 31.1 22.3 41.5

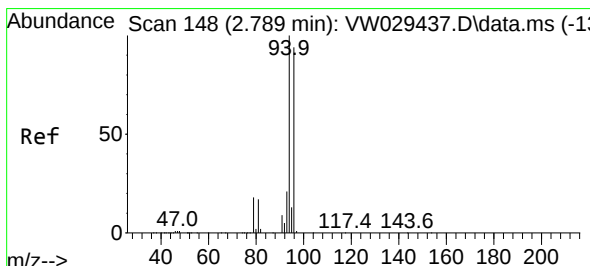
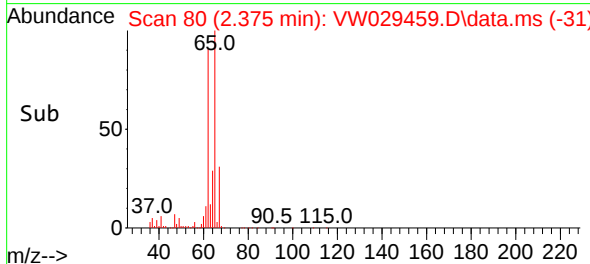
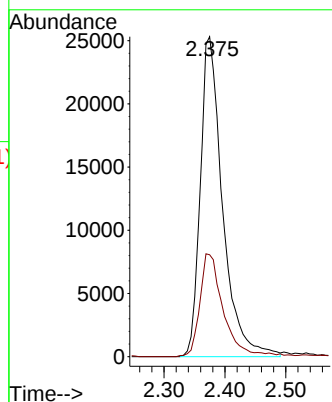
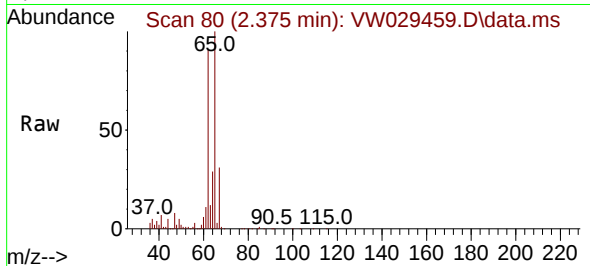




#5
 Vinyl chloride
 Concen: 15.322 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029459.D
 Acq: 02 Jul 2024 21:06

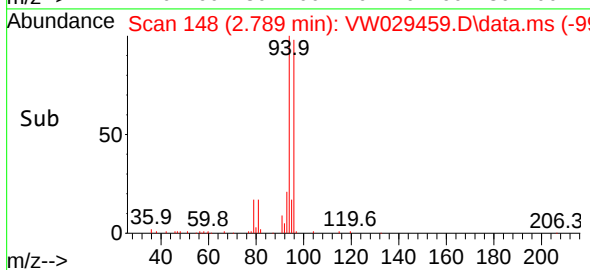
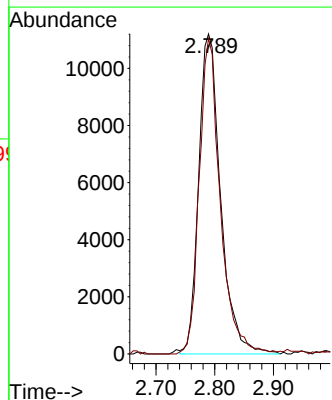
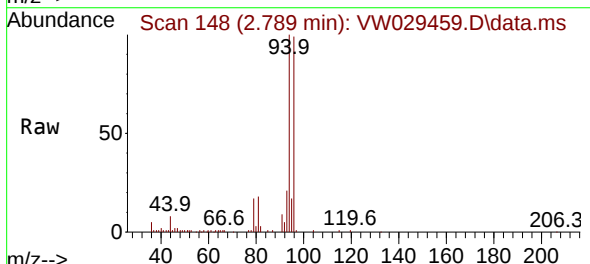
Instrument :
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 ClientSampleId :
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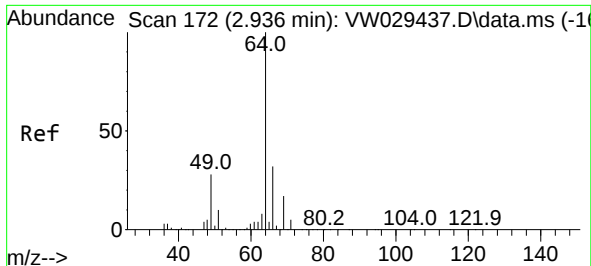
Tgt Ion: 62 Resp: 64314
 Ion Ratio Lower Upper
 62 100
 64 31.8 22.0 40.8



#6
 Bromomethane
 Concen: 11.509 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029459.D
 Acq: 02 Jul 2024 21:06

Tgt Ion: 94 Resp: 29035
 Ion Ratio Lower Upper
 94 100
 96 98.6 69.5 129.1

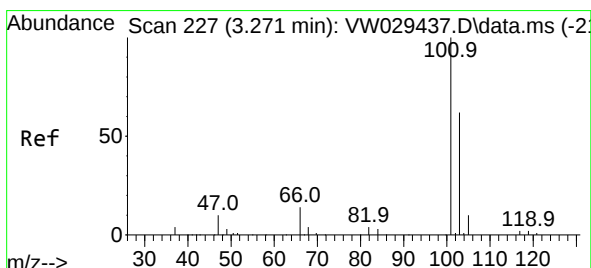
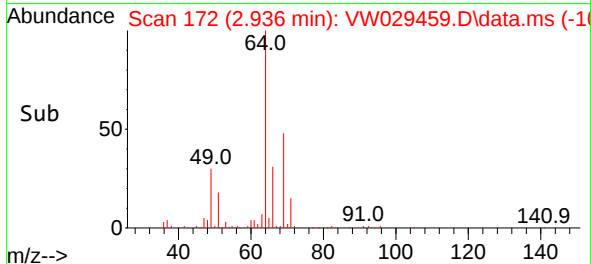
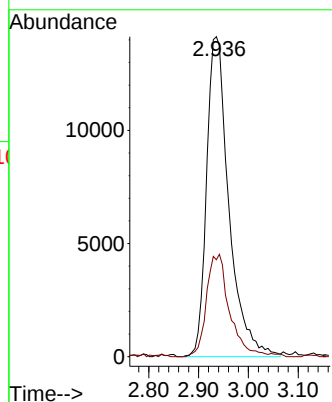
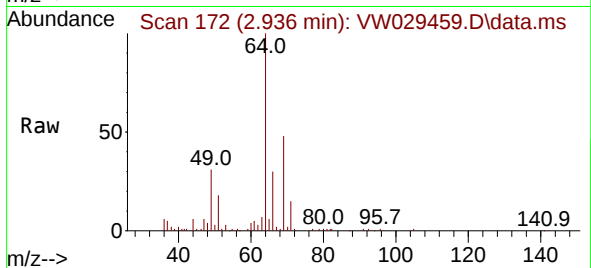




#8
Chloroethane
Concen: 17.139 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

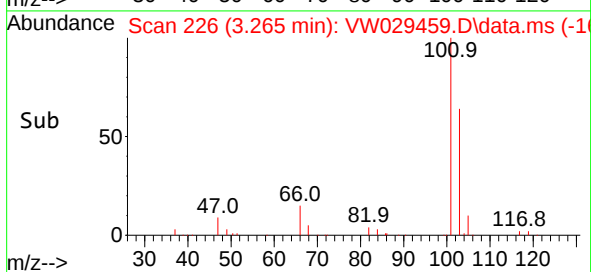
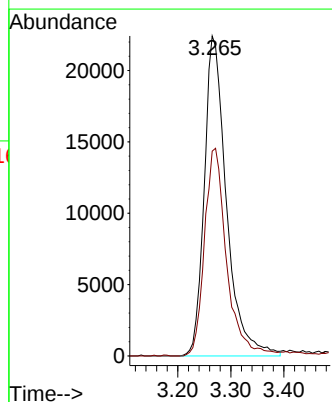
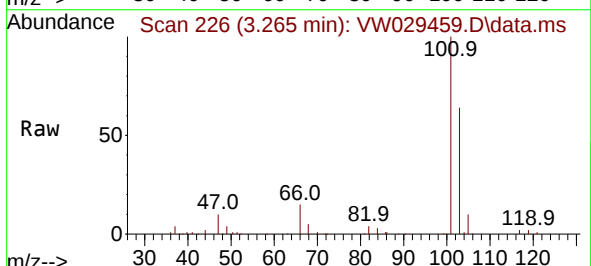
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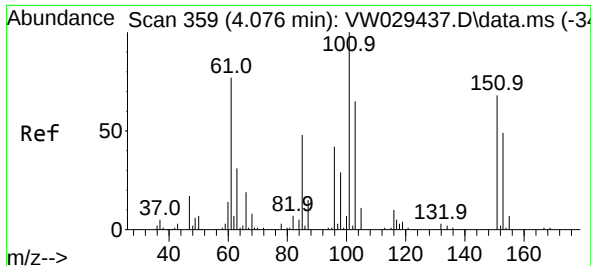
Tgt Ion: 64 Resp: 44002
Ion Ratio Lower Upper
64 100
66 30.3 22.5 41.9



#9
Trichlorofluoromethane
Concen: 20.017 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion: 101 Resp: 65139
Ion Ratio Lower Upper
101 100
103 63.1 50.8 76.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 14.469 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Instrument :

MSVOA_W

ClientSampleId :

A4D00MSD

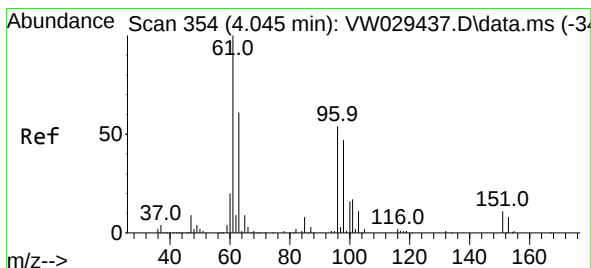
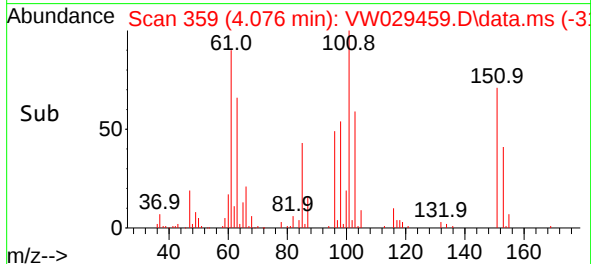
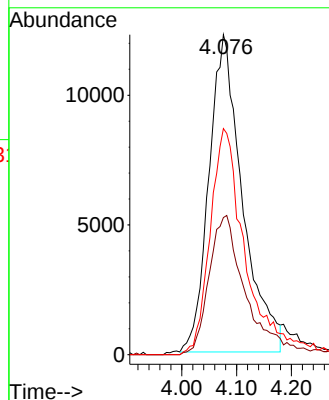
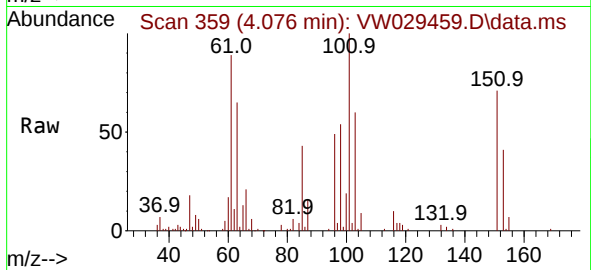
Tgt Ion:101 Resp: 51915

Ion Ratio Lower Upper

101 100

85 41.6 30.2 45.2

151 67.3 52.2 78.4



#12

1,1-Dichloroethene

Concen: 16.611 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

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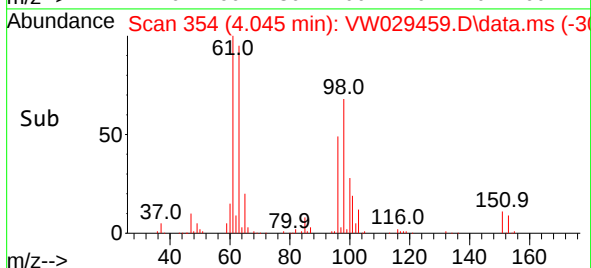
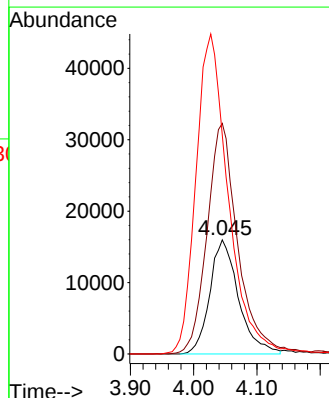
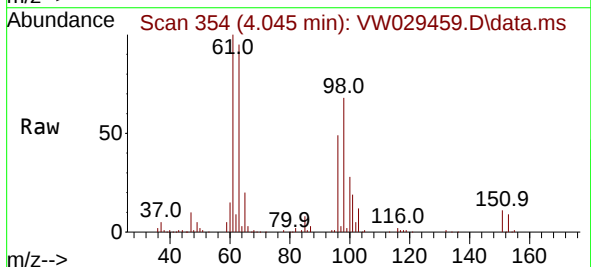
Tgt Ion: 96 Resp: 50573

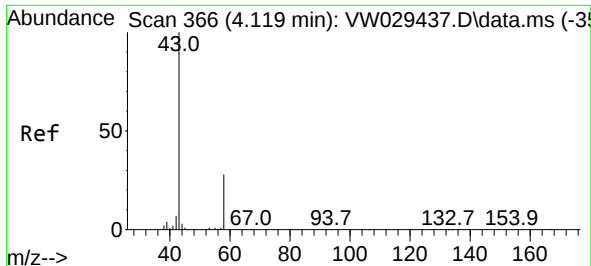
Ion Ratio Lower Upper

96 100

61 202.0 140.1 260.3

63 191.9 122.0 226.6

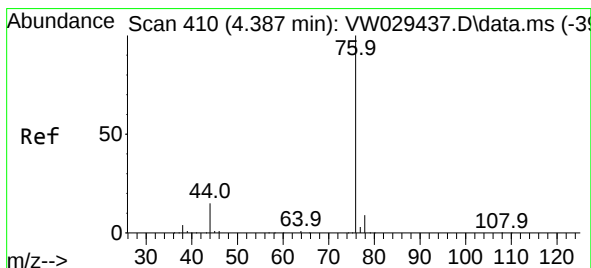
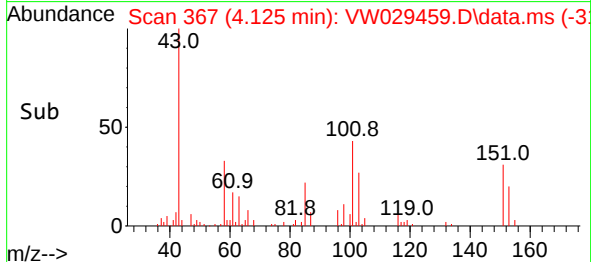
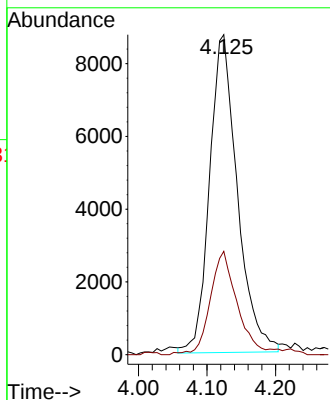
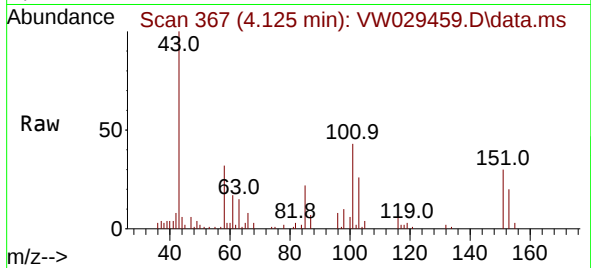




#13
Acetone
Concen: 26.634 ug/L
RT: 4.125 min Scan# 367
Delta R.T. 0.006 min
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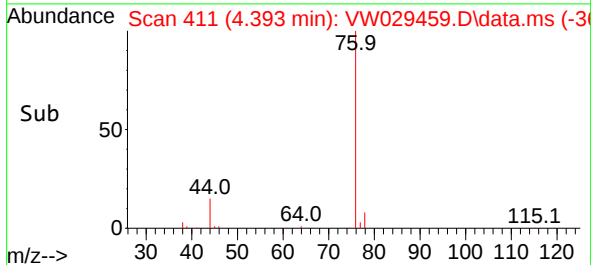
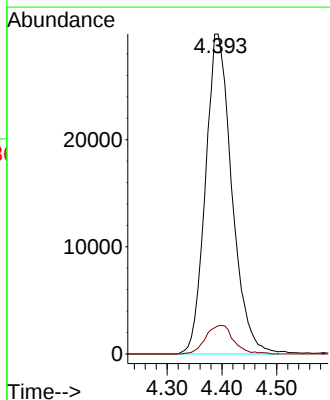
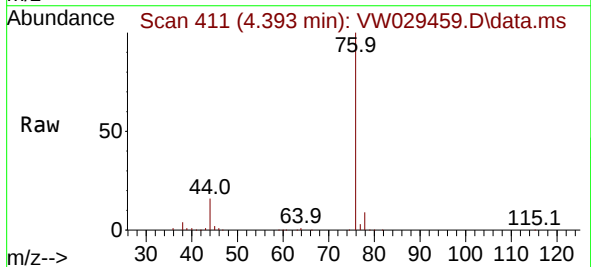
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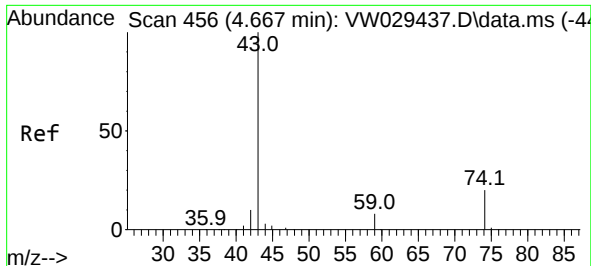
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Ion Ratio Lower Upper
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58 31.0 0.0 61.4



#14
Carbon disulfide
Concen: 10.029 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion: 76 Resp: 99676
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

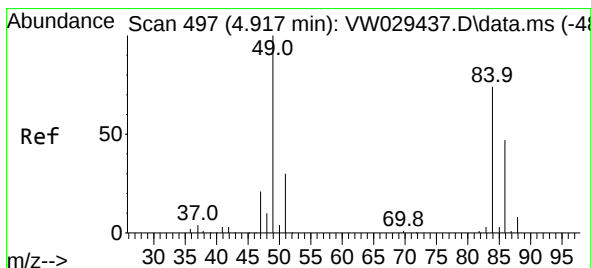
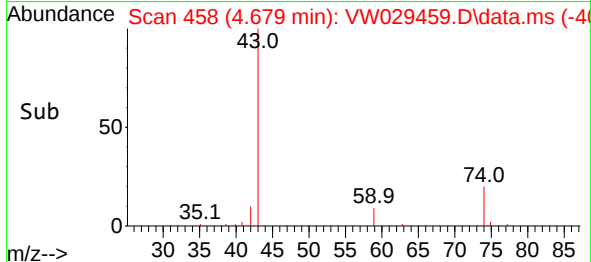
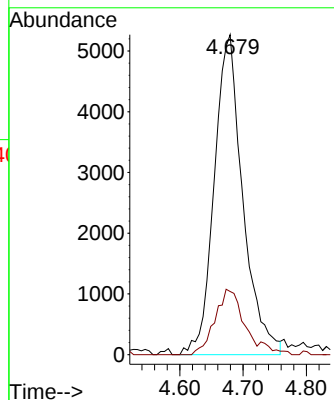
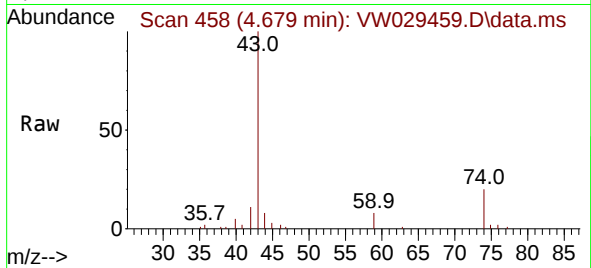




#15
Methyl Acetate
Concen: 9.007 ug/L
RT: 4.679 min Scan# 41
Delta R.T. 0.012 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

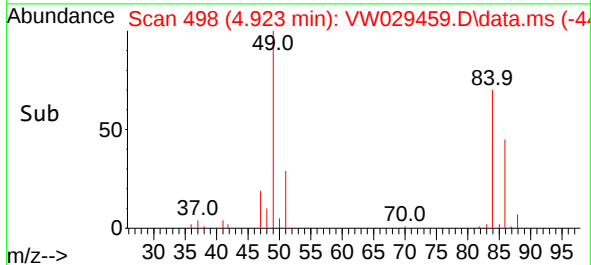
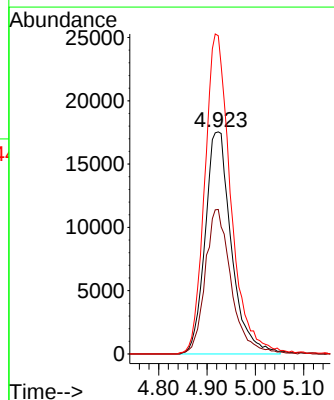
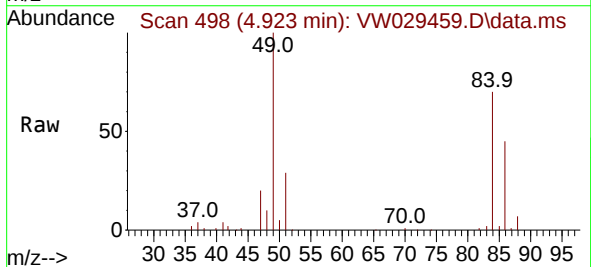
Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

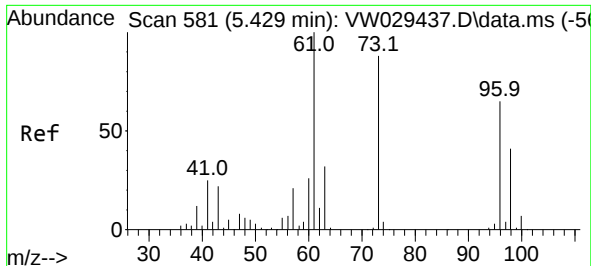
Tgt Ion: 43 Resp: 16533
Ion Ratio Lower Upper
43 100
74 19.8 16.6 25.0



#16
Methylene chloride
Concen: 14.277 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion: 84 Resp: 65959
Ion Ratio Lower Upper
84 100
86 65.1 41.4 77.0
49 143.3 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 13.521 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Instrument :

MSVOA_W

ClientSampleId :

A4D00MSD

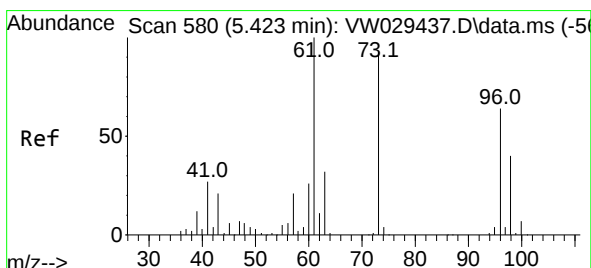
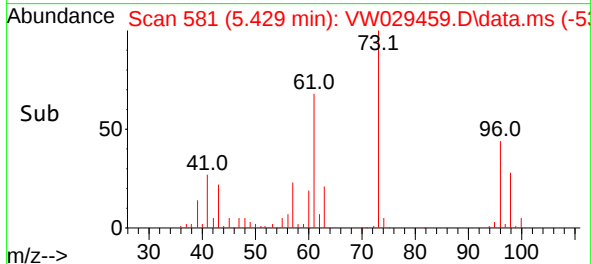
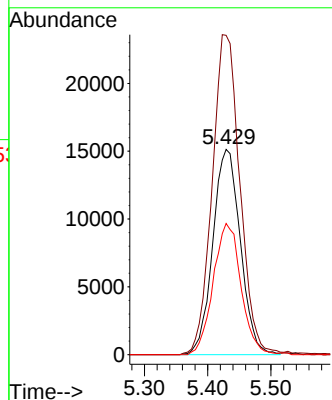
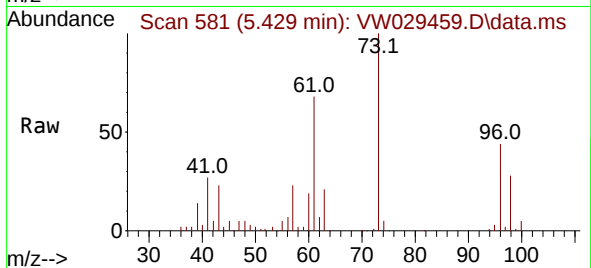
Tgt Ion: 96 Resp: 45715

Ion Ratio Lower Upper

96 100

61 155.6 101.5 188.5

98 63.9 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 21.921 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

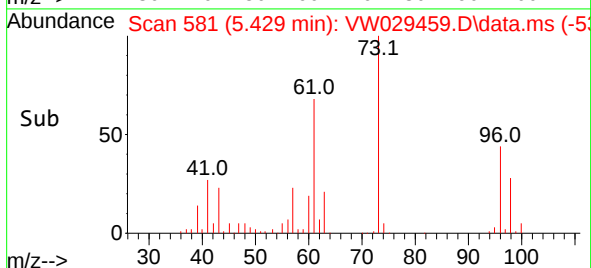
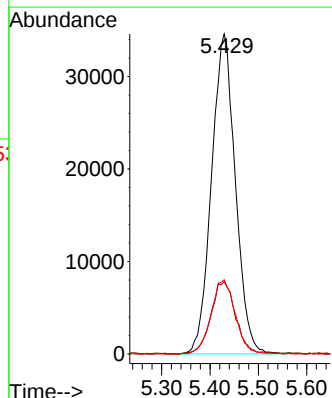
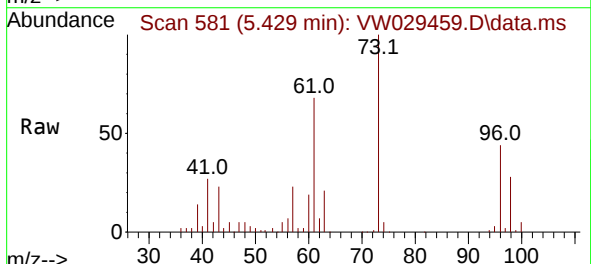
Tgt Ion: 73 Resp: 118576

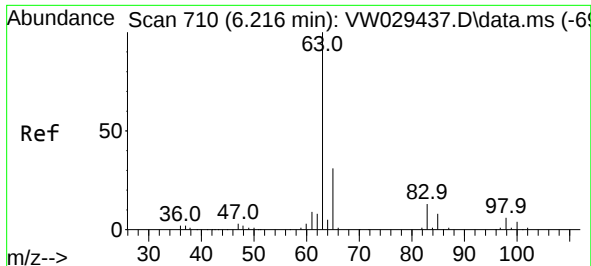
Ion Ratio Lower Upper

73 100

43 23.2 19.5 29.3

57 23.6 18.4 27.6



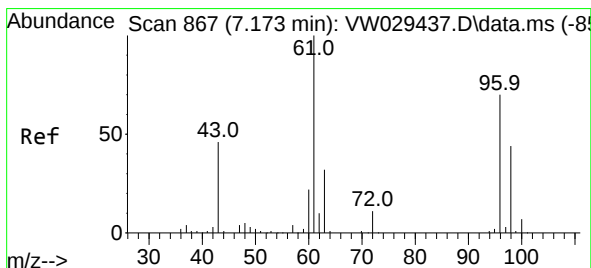
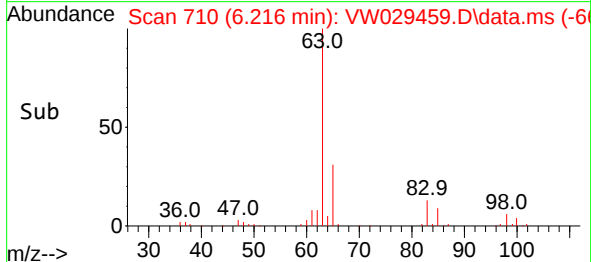
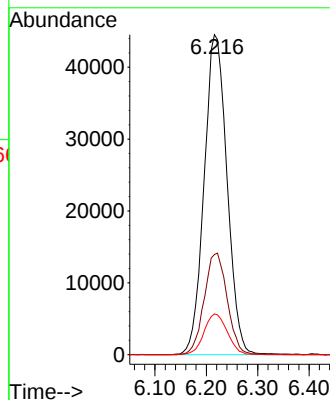
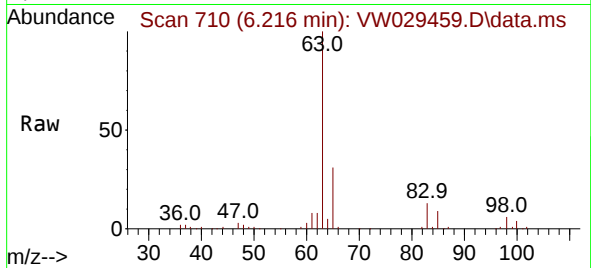


#19
 1,1-Dichloroethane
 Concen: 18.857 ug/L
 RT: 6.216 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VW029459.D
 Acq: 02 Jul 2024 21:06

Instrument :
 MSVOA_W
 ClientSampleId :
 A4D00MSD

Tgt Ion: 63 Resp: 137698

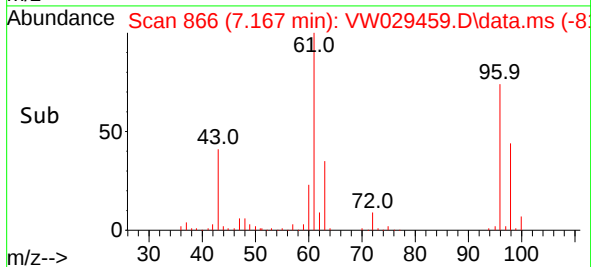
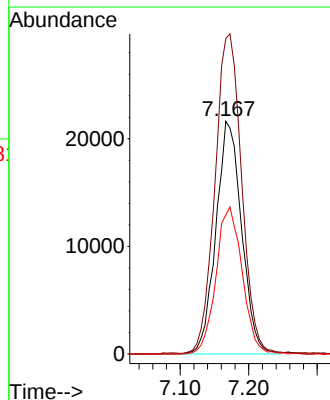
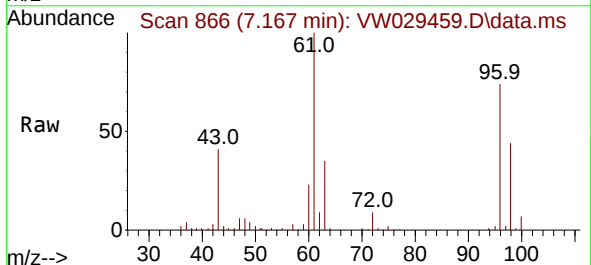
Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.4	43.4
83	12.8	8.9	16.5

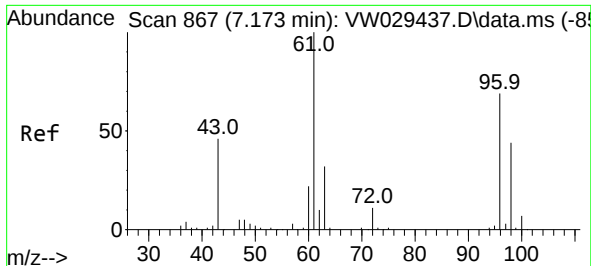


#20
 cis-1,2-Dichloroethene
 Concen: 15.073 ug/L
 RT: 7.167 min Scan# 866
 Delta R.T. -0.006 min
 Lab File: VW029459.D
 Acq: 02 Jul 2024 21:06

Tgt Ion: 96 Resp: 56199

Ion	Ratio	Lower	Upper
96	100		
61	135.6	97.8	181.6
98	59.7	43.0	79.8

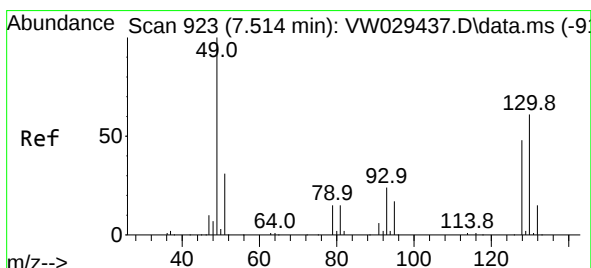
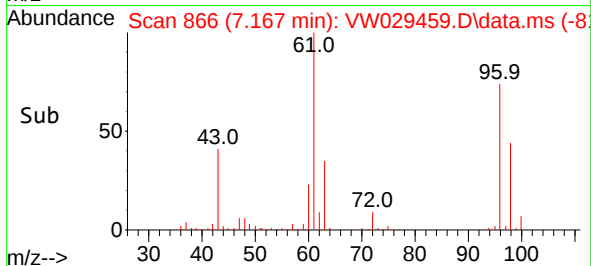
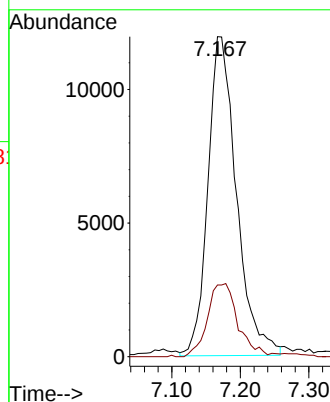
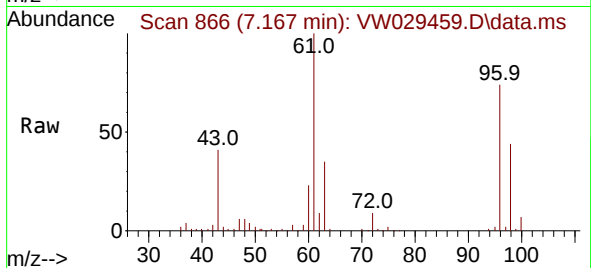




#22
2-Butanone
Concen: 27.259 ug/L
RT: 7.167 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

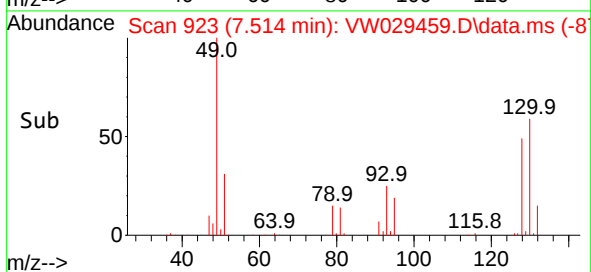
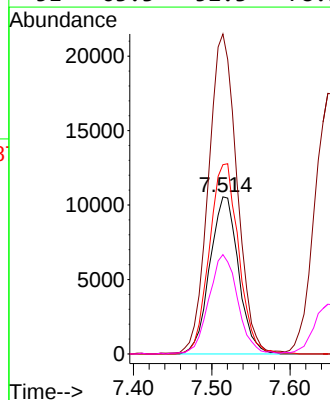
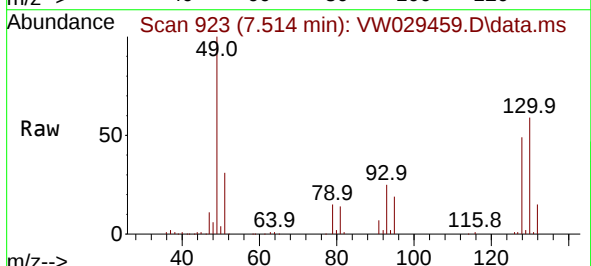
Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

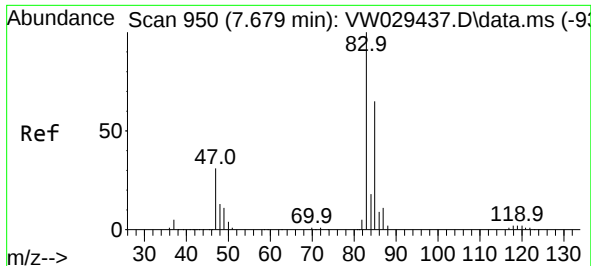
Tgt Ion: 43 Resp: 34551
Ion Ratio Lower Upper
43 100
72 24.2 11.9 35.7



#23
Bromochloromethane
Concen: 16.151 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion: 128 Resp: 26807
Ion Ratio Lower Upper
128 100
49 203.7 142.6 264.8
130 120.5 79.7 148.1
51 63.3 52.3 78.5

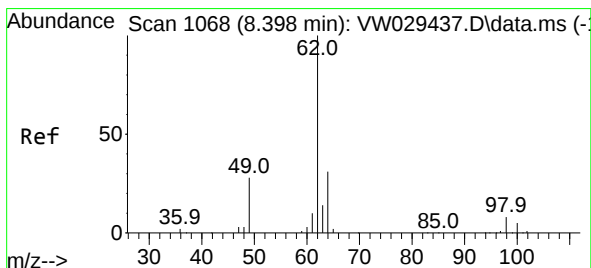
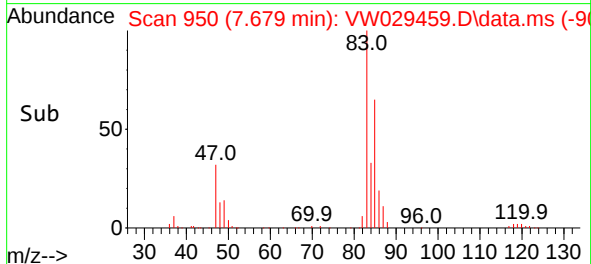
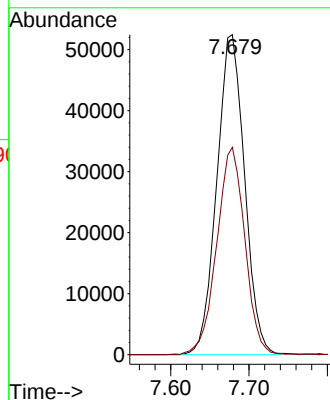
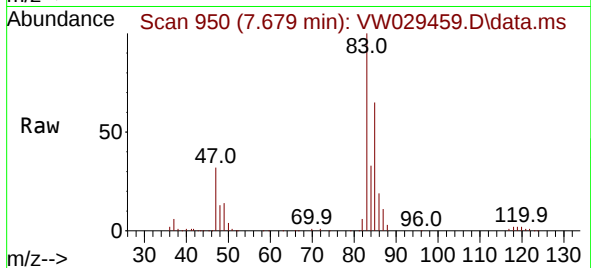




#25
Chloroform
Concen: 18.145 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

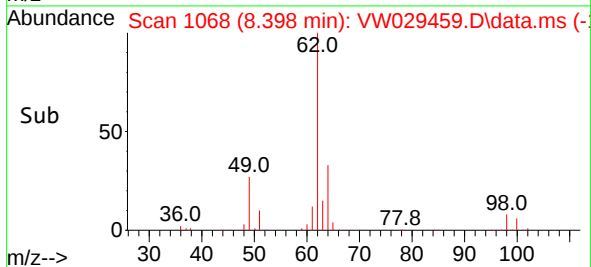
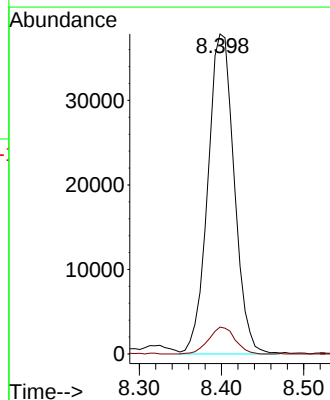
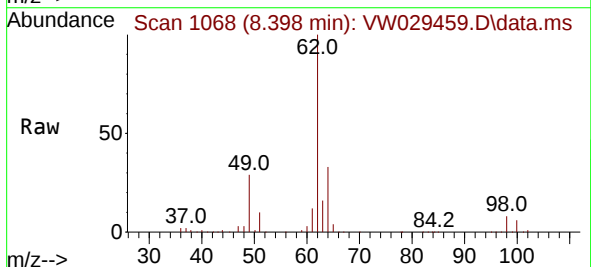
Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

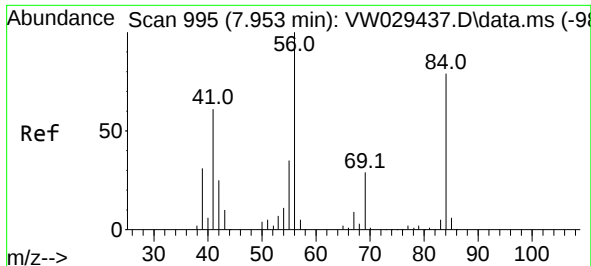
Tgt Ion: 83 Resp: 129381
Ion Ratio Lower Upper
83 100
85 64.8 44.4 82.4



#27
1,2-Dichloroethane
Concen: 16.068 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion: 62 Resp: 84498
Ion Ratio Lower Upper
62 100
98 8.4 6.6 10.0

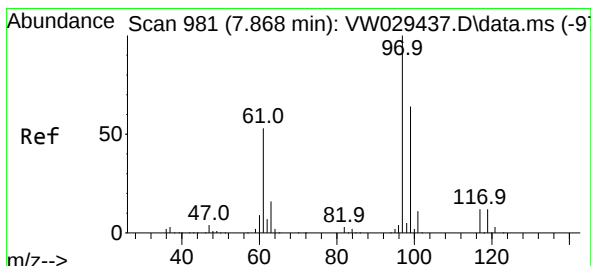
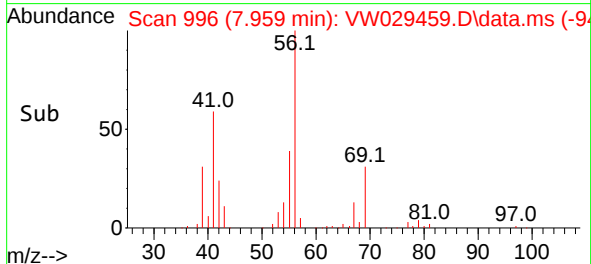
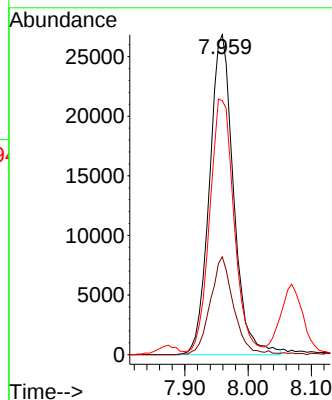
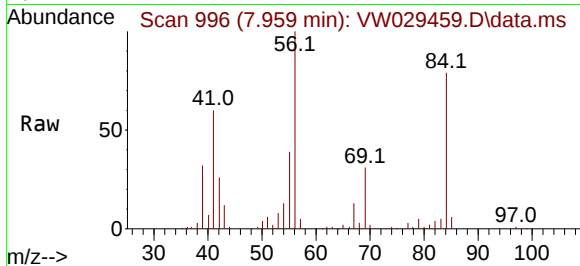




#29
Cyclohexane
Concen: 20.801 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

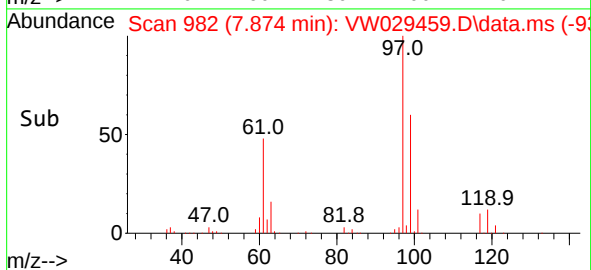
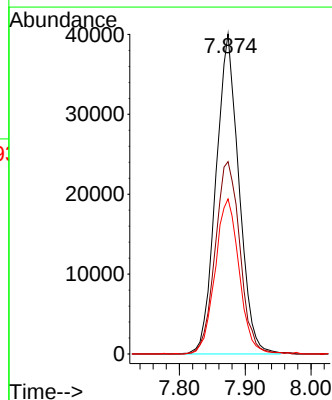
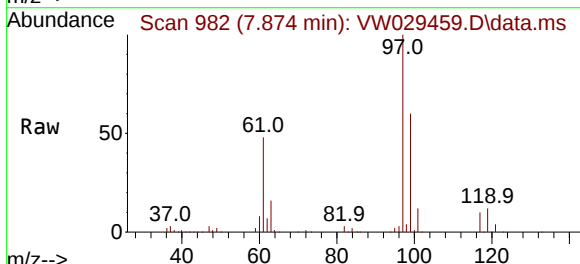
Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

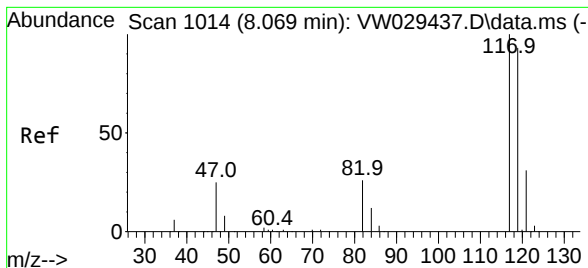
Tgt Ion: 56 Resp: 71159
Ion Ratio Lower Upper
56 100
69 29.1 23.4 35.0
84 80.3 64.5 96.7



#30
1,1,1-Trichloroethane
Concen: 29.364 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion: 97 Resp: 97710
Ion Ratio Lower Upper
97 100
99 64.5 53.0 79.4
61 50.8 43.0 64.4

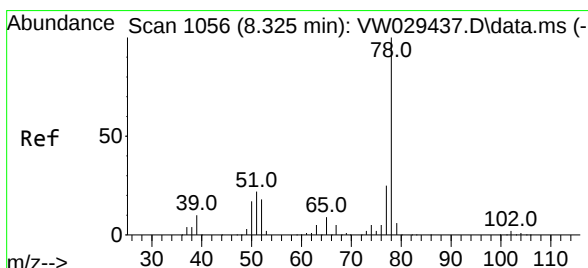
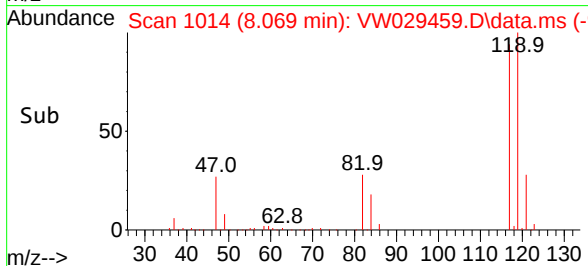
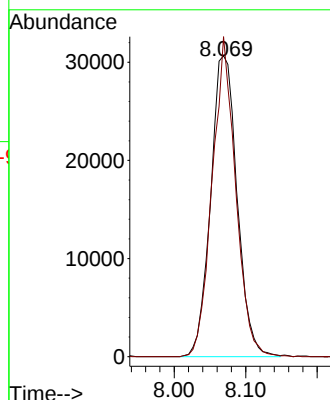
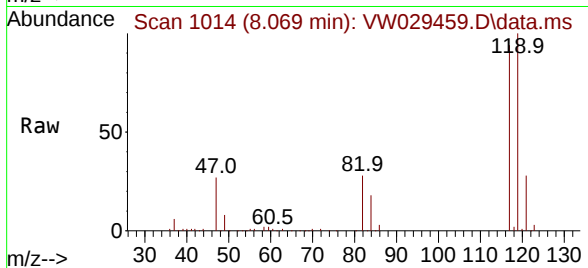




#31
Carbon tetrachloride
Concen: 25.928 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

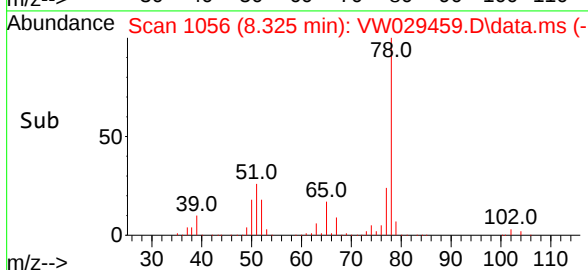
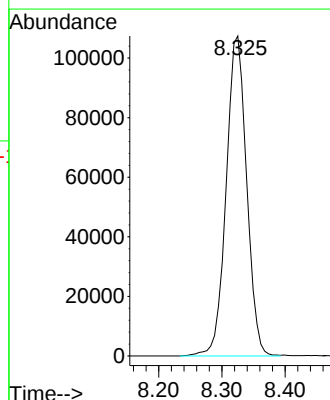
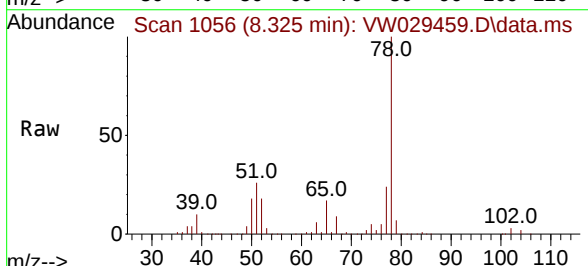
Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

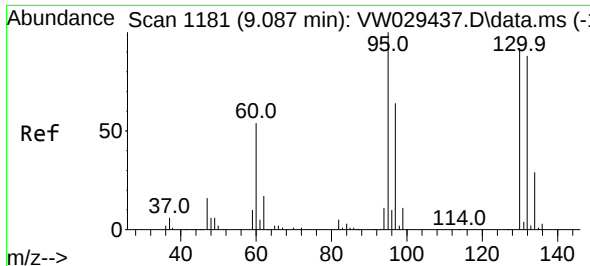
Tgt Ion:117 Resp: 78816
Ion Ratio Lower Upper
117 100
119 94.1 79.0 118.4



#33
Benzene
Concen: 26.827 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion: 78 Resp: 241207



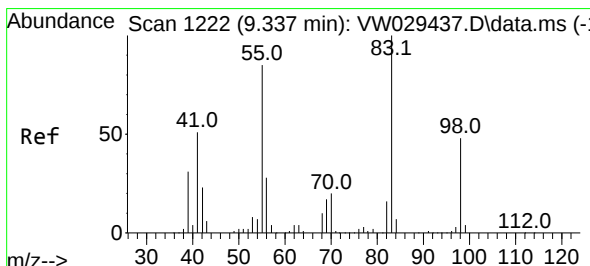
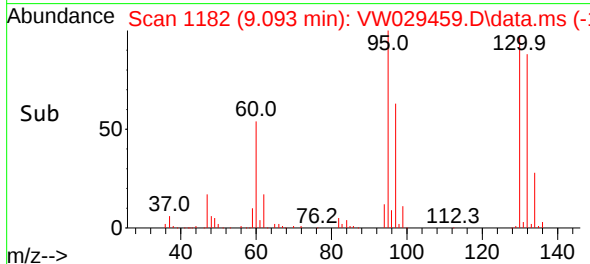
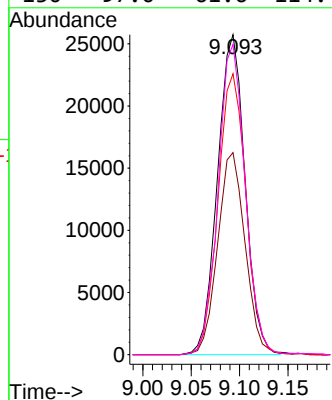
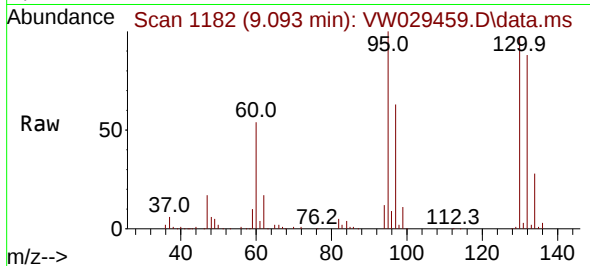


#34
Trichloroethene
Concen: 21.188 ug/L
RT: 9.093 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

Tgt Ion: 95 Resp: 50827

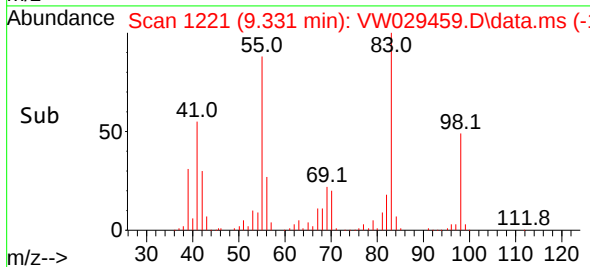
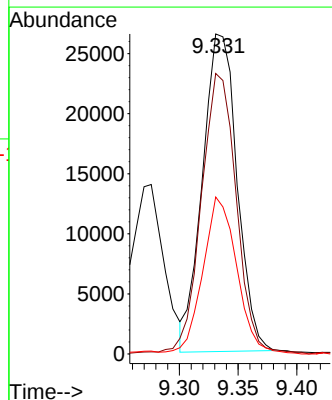
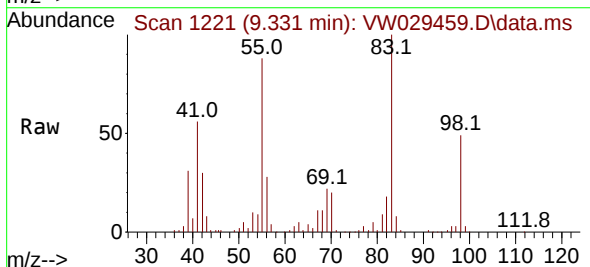
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.7	84.9
132	87.8	66.4	123.4
130	97.0	61.6	114.4

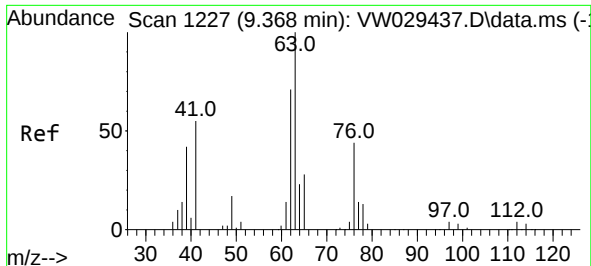


#35
Methylcyclohexane
Concen: 14.366 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion: 83 Resp: 54198

Ion	Ratio	Lower	Upper
83	100		
55	89.4	69.5	104.3
98	48.6	38.0	57.0





#37

1,2-Dichloropropane

Concen: 28.513 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Instrument :

MSVOA_W

ClientSampleId :

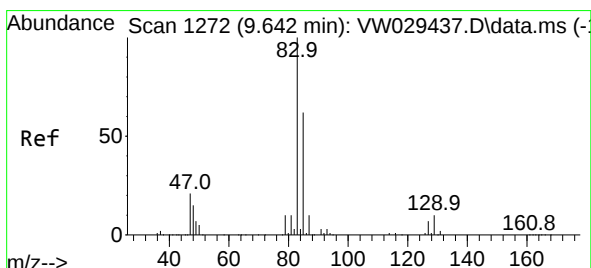
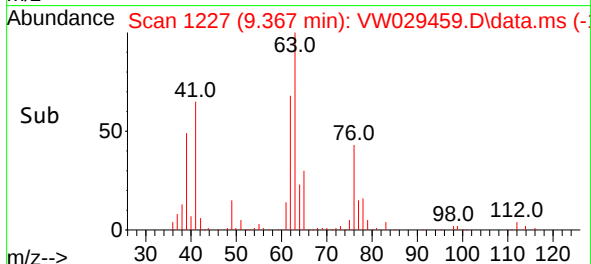
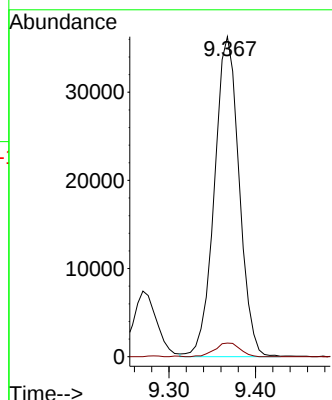
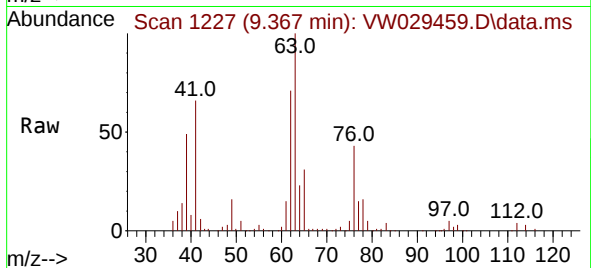
A4D00MSD

Tgt Ion: 63 Resp: 72039

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 25.800 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

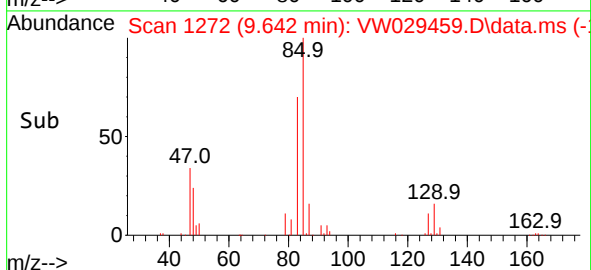
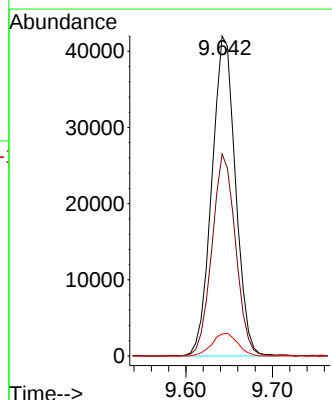
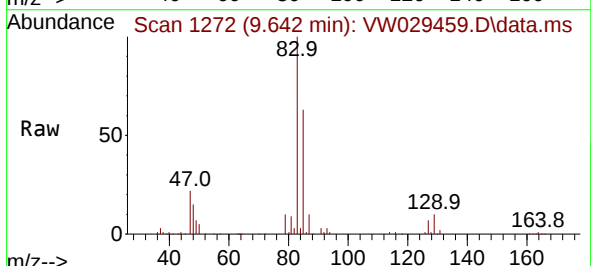
Tgt Ion: 83 Resp: 79699

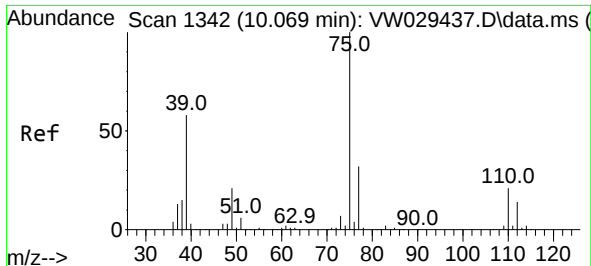
Ion Ratio Lower Upper

83 100

85 63.1 45.1 83.9

127 6.8 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 13.780 ug/L

RT: 10.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Instrument :

MSVOA_W

ClientSampleId :

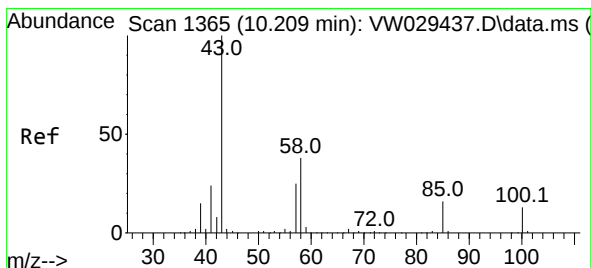
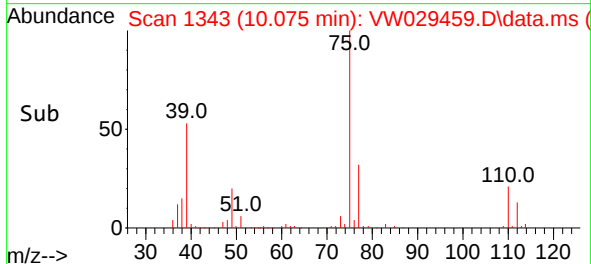
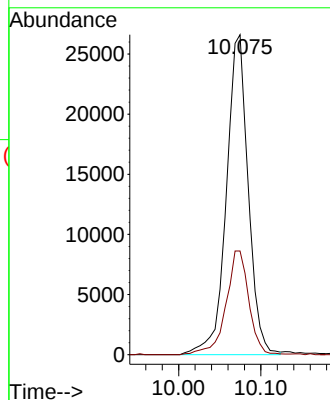
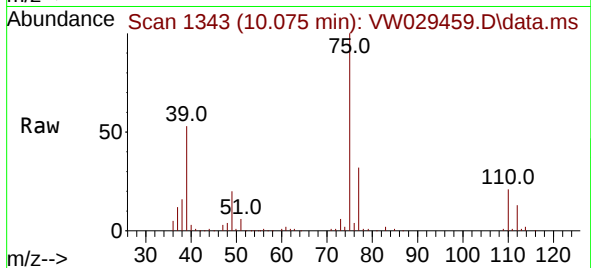
A4D00MSD

Tgt Ion: 75 Resp: 49216

Ion Ratio Lower Upper

75 100

77 32.4 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 37.576 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

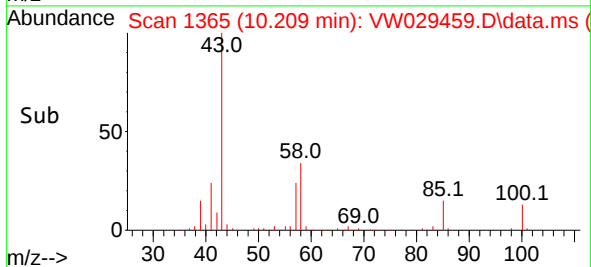
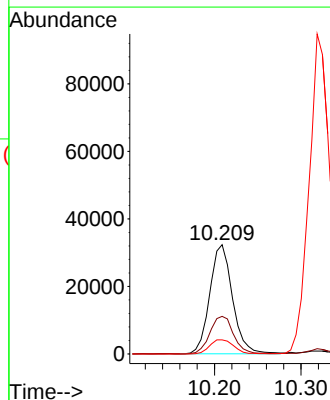
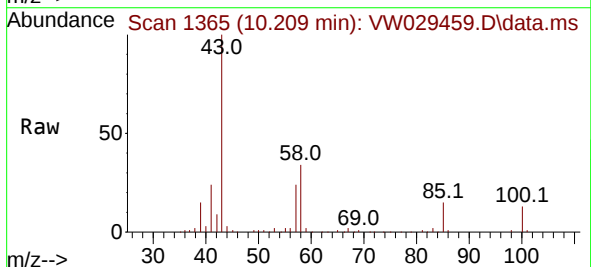
Tgt Ion: 43 Resp: 58842

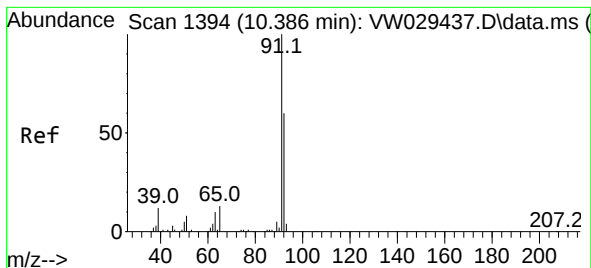
Ion Ratio Lower Upper

43 100

58 35.9 28.2 42.4

100 13.9 11.0 16.4





#42

Toluene

Concen: 21.341 ug/L

RT: 10.386 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Instrument :

MSVOA_W

ClientSampleId :

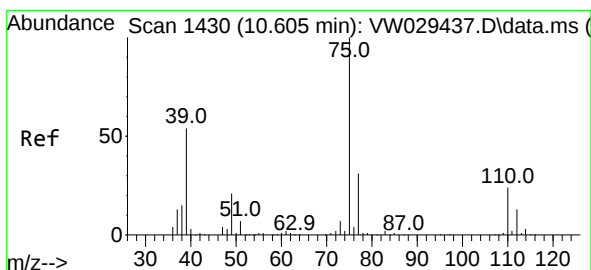
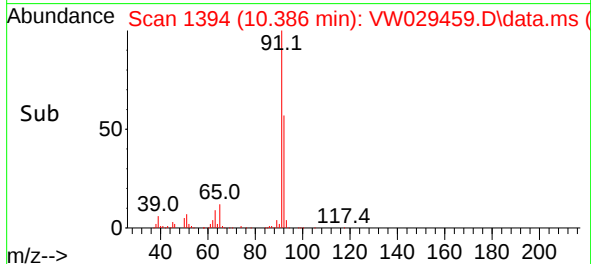
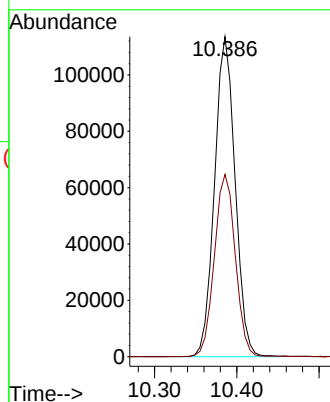
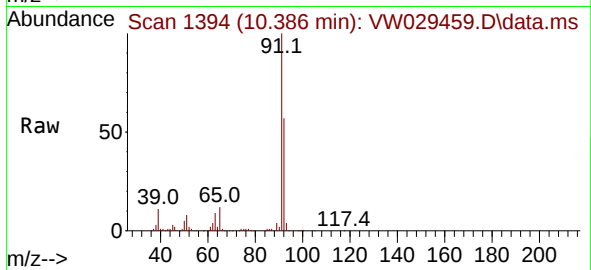
A4D00MSD

Tgt Ion: 91 Resp: 197264

Ion Ratio Lower Upper

91 100

92 57.0 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 11.719 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029459.D

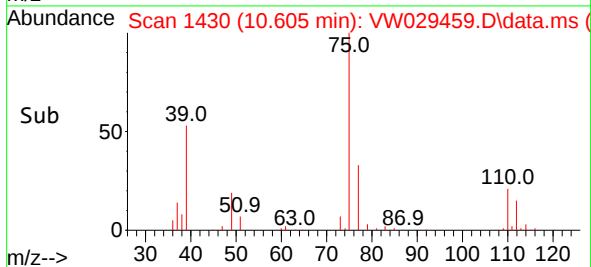
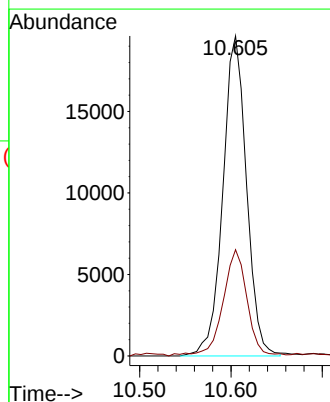
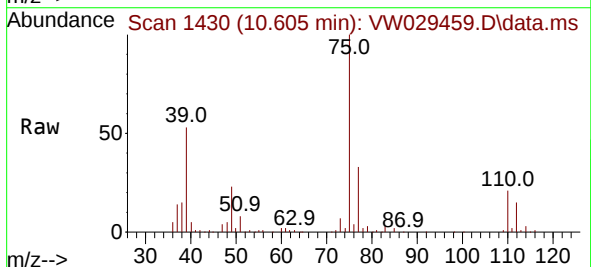
Acq: 02 Jul 2024 21:06

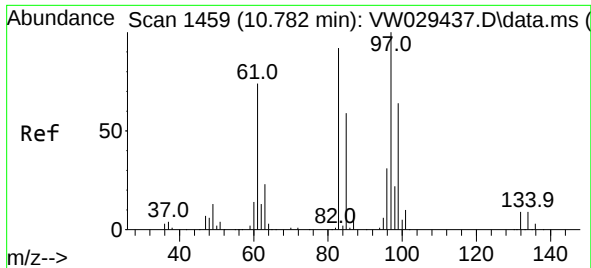
Tgt Ion: 75 Resp: 35341

Ion Ratio Lower Upper

75 100

77 33.2 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 24.379 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Instrument :

MSVOA_W

ClientSampleId :

A4D00MSD

Tgt Ion: 97 Resp: 42898

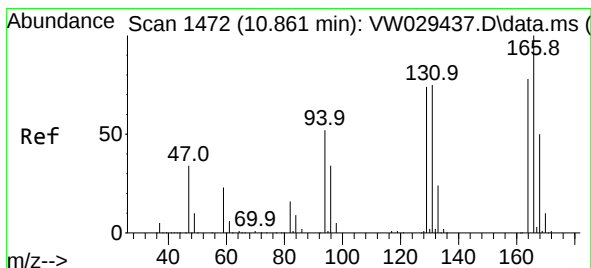
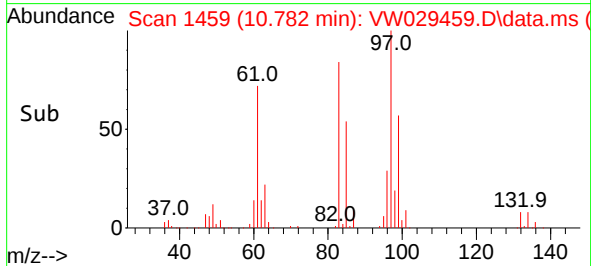
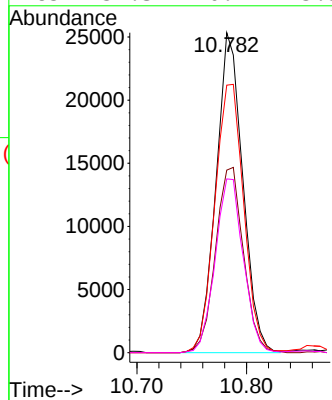
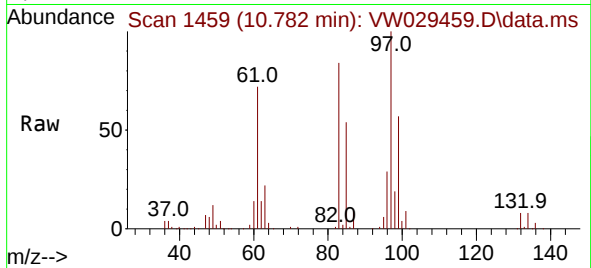
Ion Ratio Lower Upper

97 100

99 57.1 42.3 78.5

83 83.6 57.7 107.1

85 54.3 40.7 75.5



#46

Tetrachloroethene

Concen: 16.794 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Tgt Ion:164 Resp: 28162

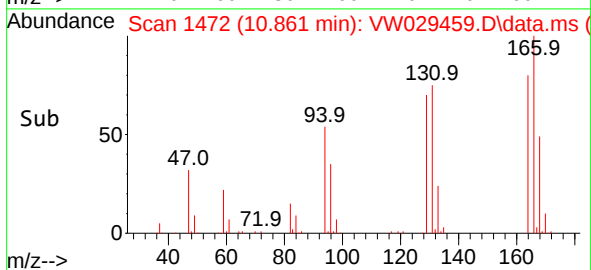
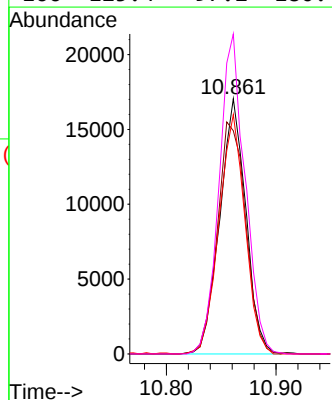
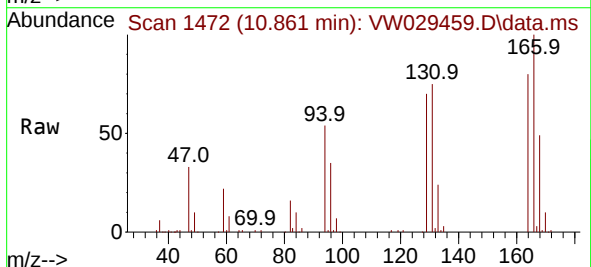
Ion Ratio Lower Upper

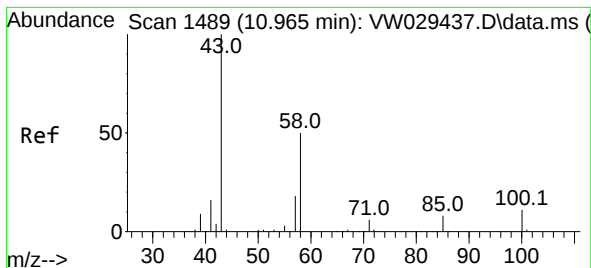
164 100

129 87.4 68.5 127.3

131 93.8 71.8 133.4

166 125.4 97.2 180.4





#48

2-Hexanone

Concen: 24.758 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Instrument :

MSVOA_W

ClientSampleId :

A4D00MSD

Tgt Ion: 43 Resp: 27510

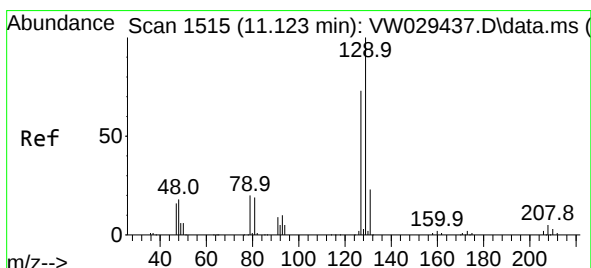
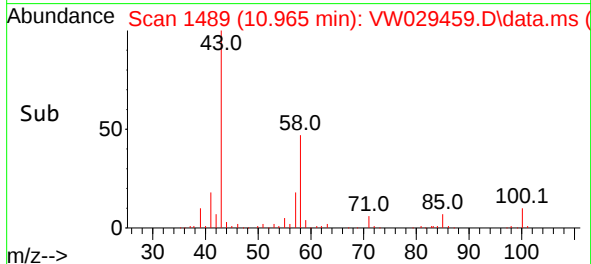
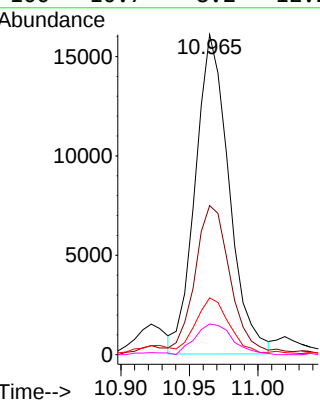
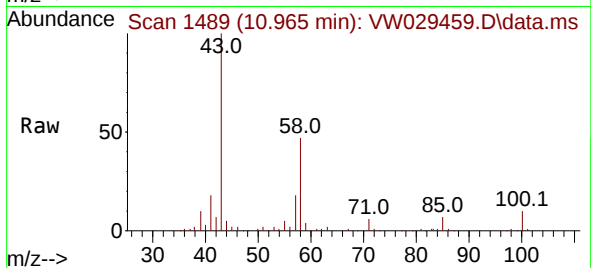
Ion Ratio Lower Upper

43 100

58 50.1 39.6 59.4

57 17.8 14.6 21.8

100 10.7 8.2 12.2



#49

Dibromochloromethane

Concen: 21.972 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW029459.D

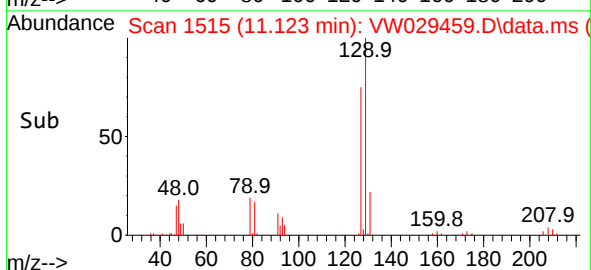
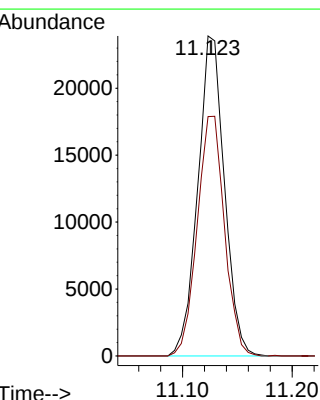
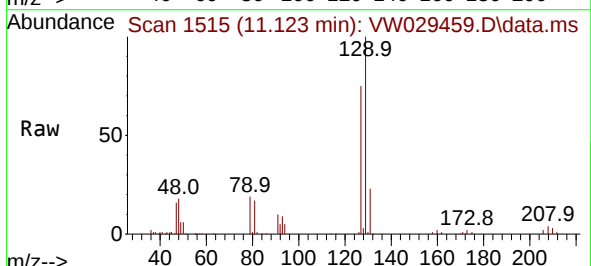
Acq: 02 Jul 2024 21:06

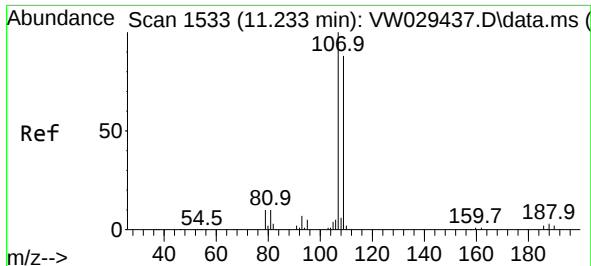
Tgt Ion: 129 Resp: 40415

Ion Ratio Lower Upper

129 100

127 74.8 54.8 101.8





#50

1,2-Dibromoethane

Concen: 19.449 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Instrument :

MSVOA_W

ClientSampleId :

A4D00MSD

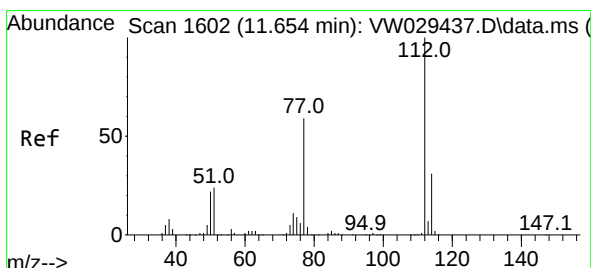
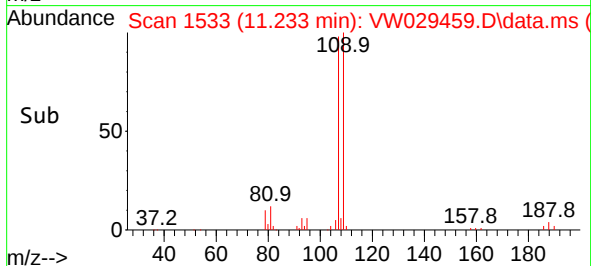
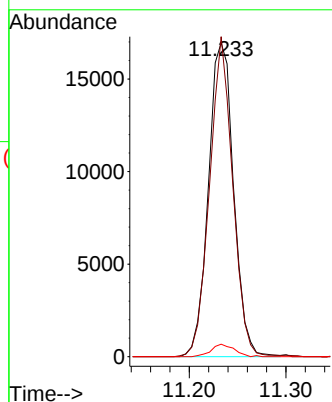
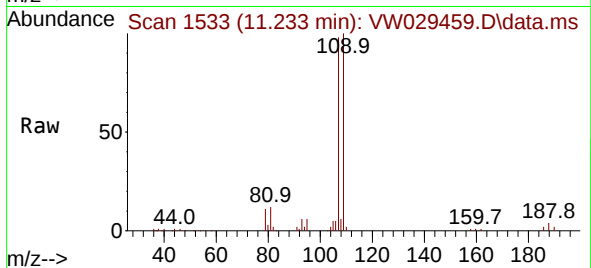
Tgt Ion:107 Resp: 30721

Ion Ratio Lower Upper

107 100

109 101.9 65.5 121.6

188 4.0 2.6 4.0



#51

Chlorobenzene

Concen: 14.679 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

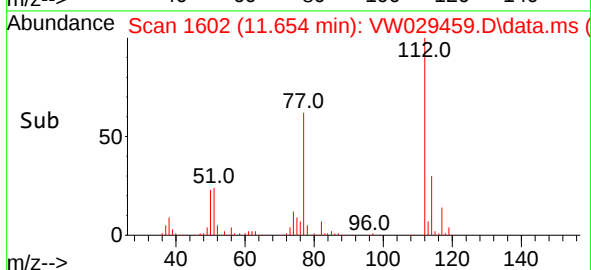
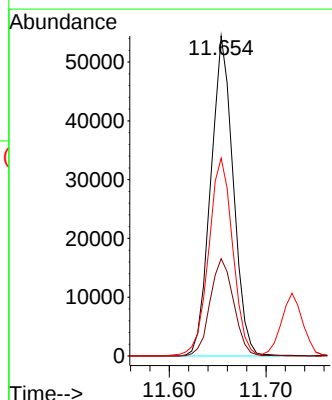
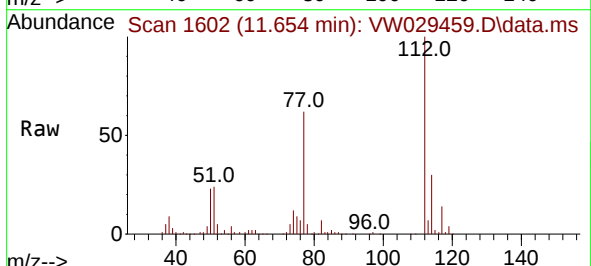
Tgt Ion:112 Resp: 88111

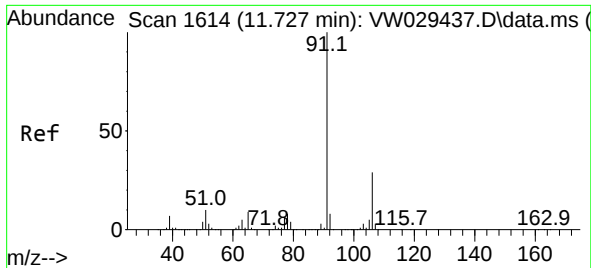
Ion Ratio Lower Upper

112 100

114 30.4 22.6 42.0

77 61.8 51.0 76.6

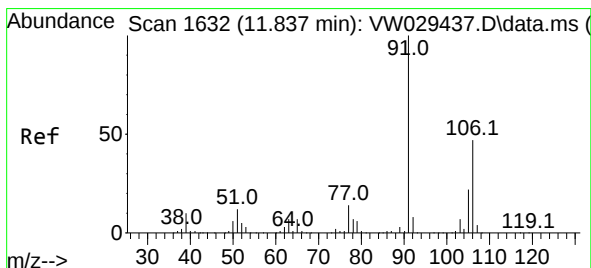
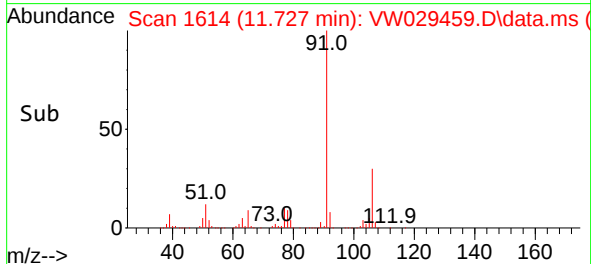
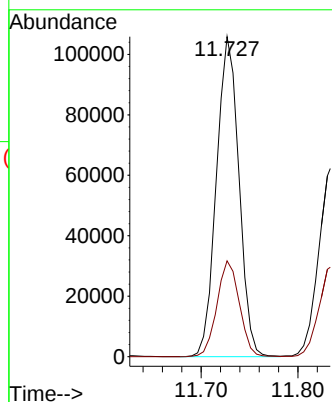
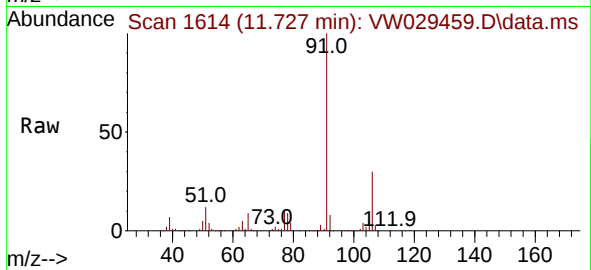




#52
Ethylbenzene
Concen: 16.301 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

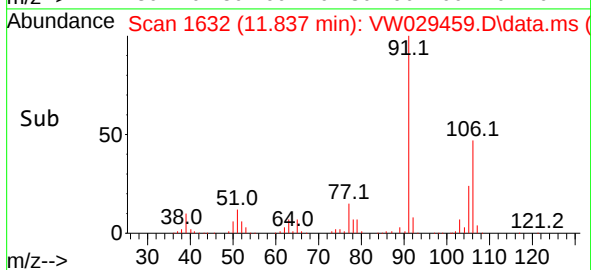
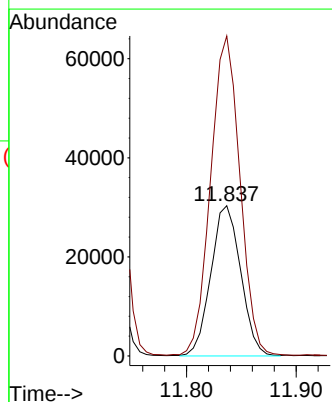
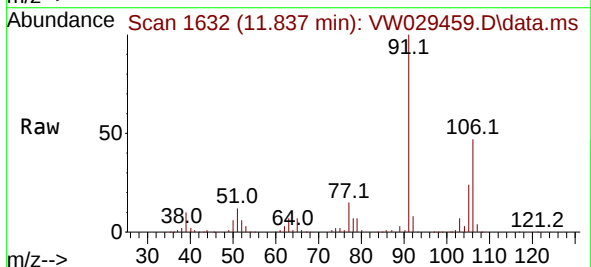
Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

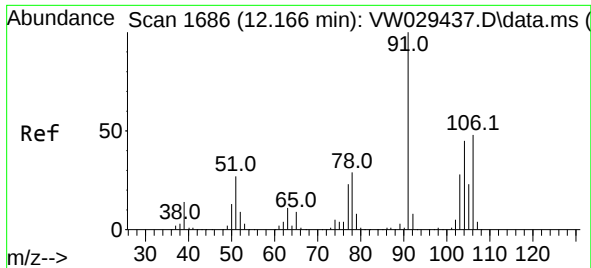
Tgt Ion: 91 Resp: 171033
Ion Ratio Lower Upper
91 100
106 30.0 19.9 37.0



#53
m,p-Xylene
Concen: 14.983 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion: 106 Resp: 57421
Ion Ratio Lower Upper
106 100
91 213.0 140.5 260.9

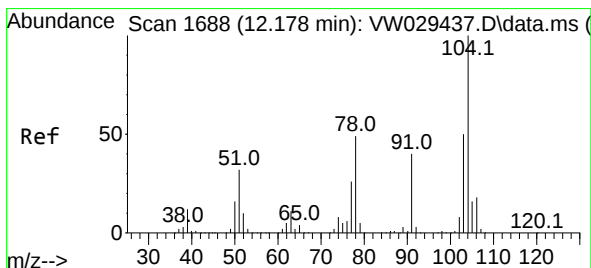
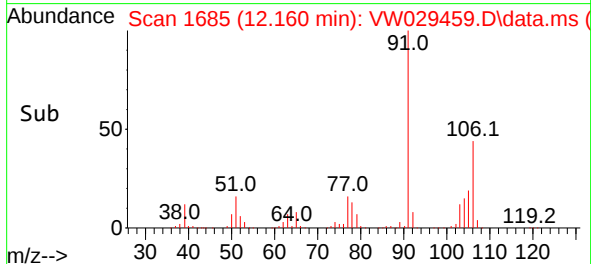
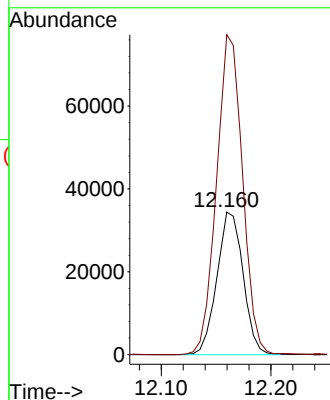
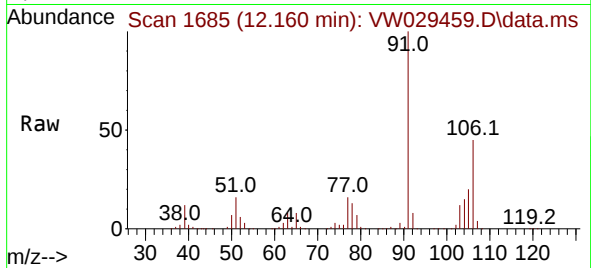




#54
o-Xylene
Concen: 15.949 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

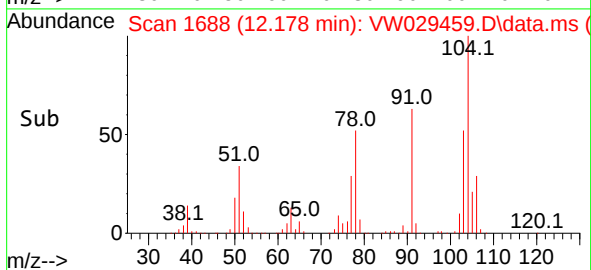
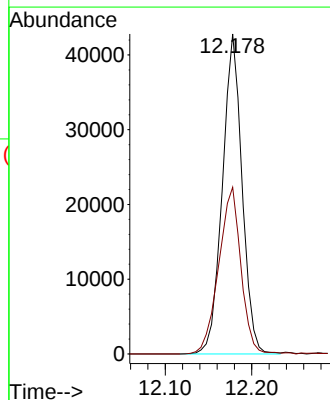
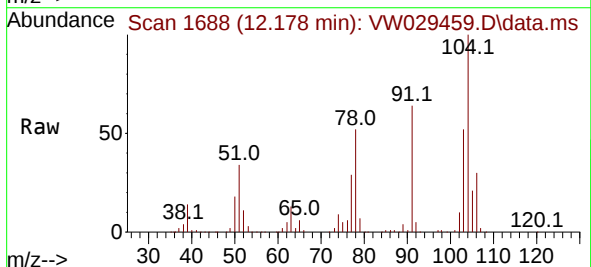
Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

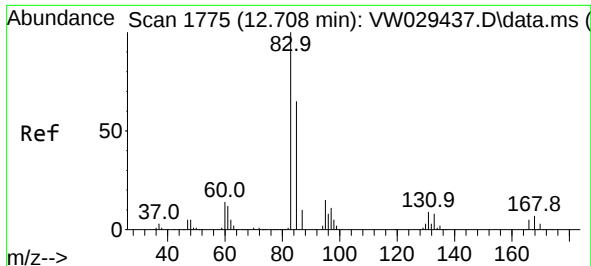
Tgt Ion:106 Resp: 57127
Ion Ratio Lower Upper
106 100
91 224.4 149.9 278.5



#55
Styrene
Concen: 10.825 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion:104 Resp: 67605
Ion Ratio Lower Upper
104 100
78 52.1 35.4 65.7

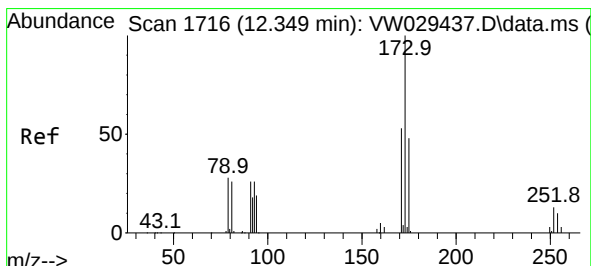
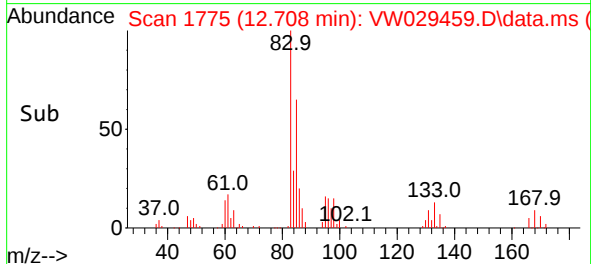
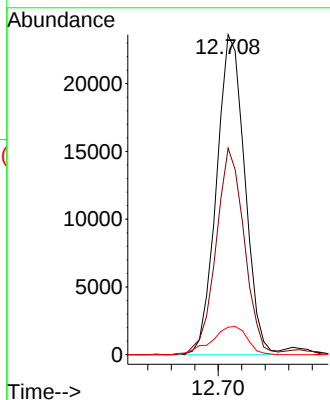
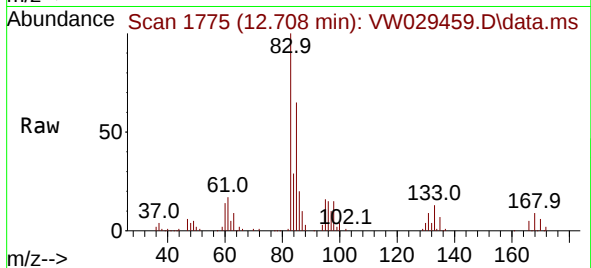




#57
1,1,2,2-Tetrachloroethane
Concen: 18.131 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

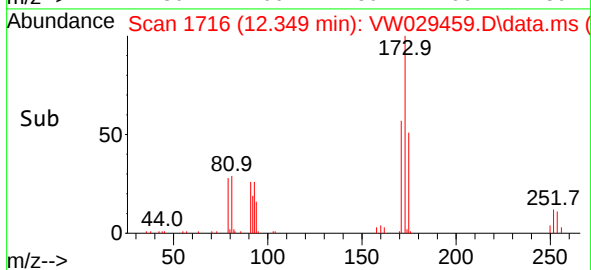
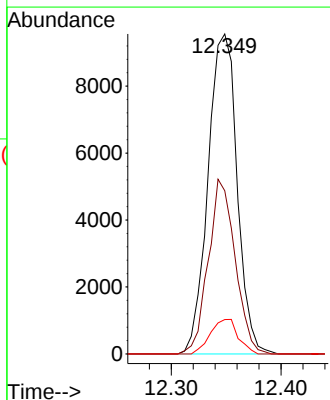
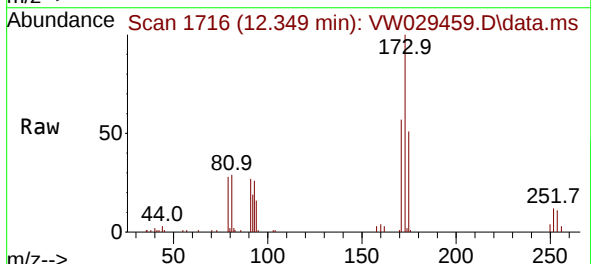
Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

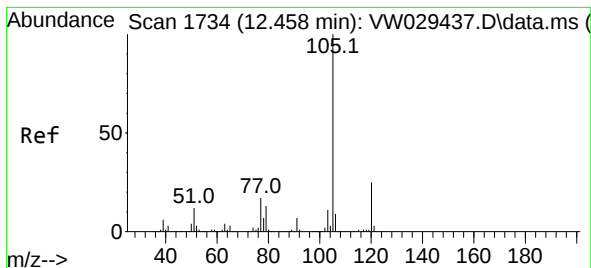
Tgt Ion:	83	Resp:	39464
Ion Ratio	Lower	Upper	
83	100		
85	64.5	45.8	85.0
131	8.6	7.8	11.6



#59
Bromoform
Concen: 41.008 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion:	173	Resp:	17648
Ion Ratio	Lower	Upper	
173	100		
175	50.4	37.8	56.8
254	10.3	7.8	11.6

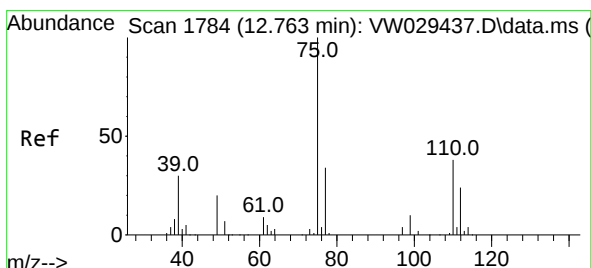
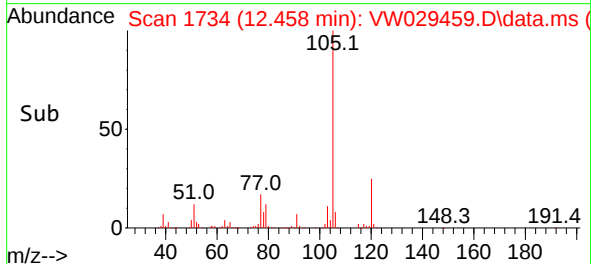
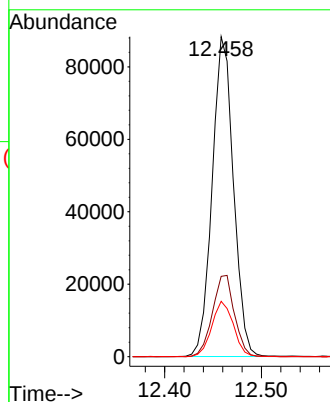
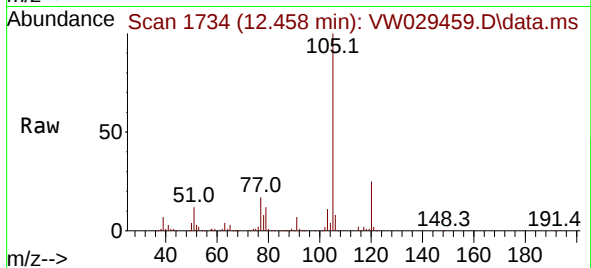




#60
Isopropylbenzene
Concen: 32.220 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

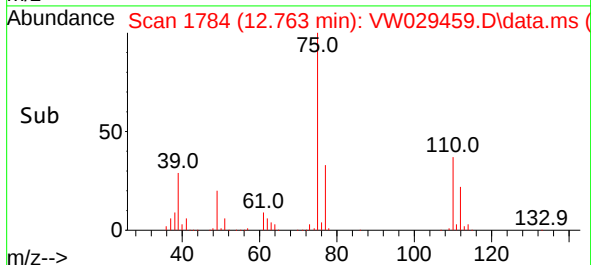
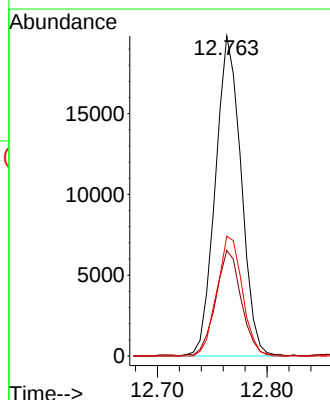
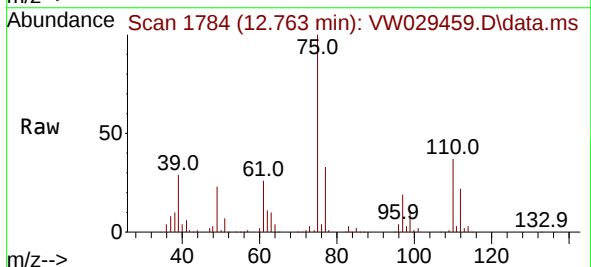
Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

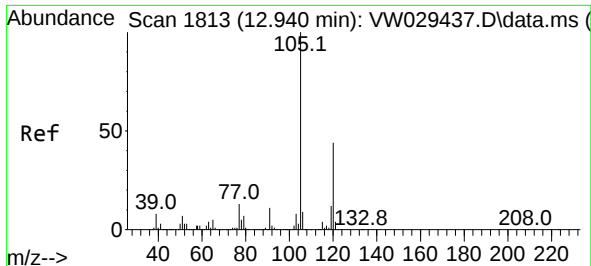
Tgt Ion:105 Resp: 134805
Ion Ratio Lower Upper
105 100
120 26.3 20.5 30.7
77 17.6 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 47.168 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion: 75 Resp: 32305
Ion Ratio Lower Upper
75 100
77 32.9 26.6 39.8
110 37.0 29.5 44.3

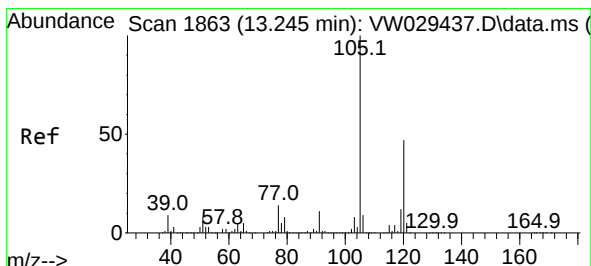
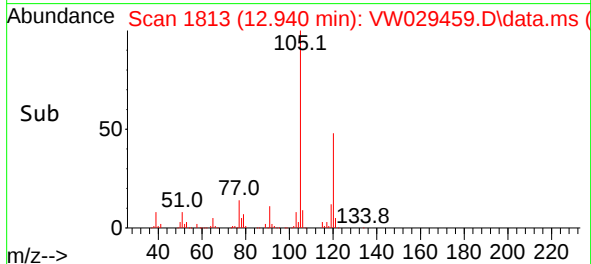
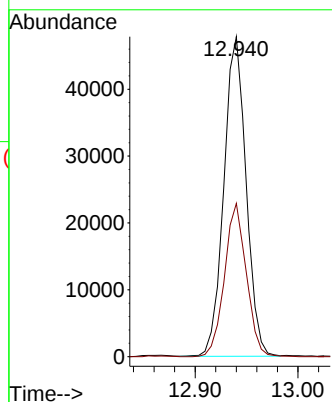
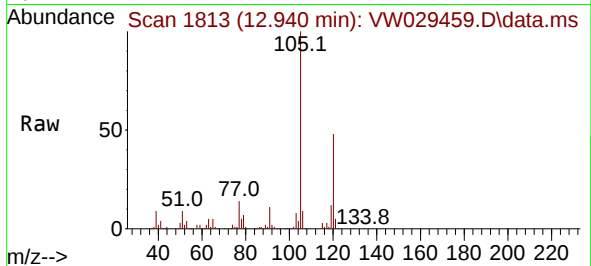




#62
 1,3,5-Trimethylbenzene
 Concen: 23.678 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW029459.D
 Acq: 02 Jul 2024 21:06

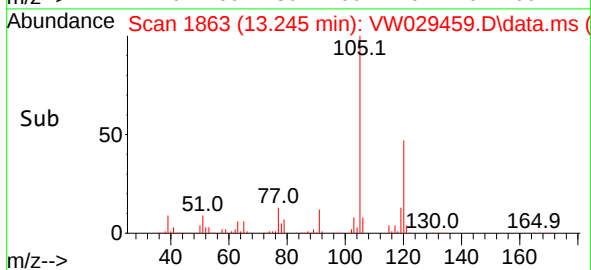
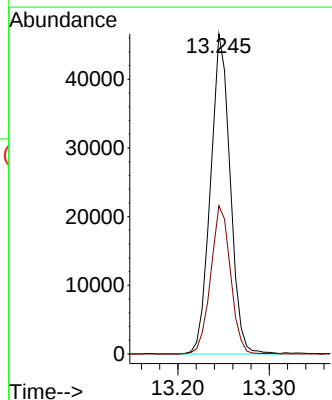
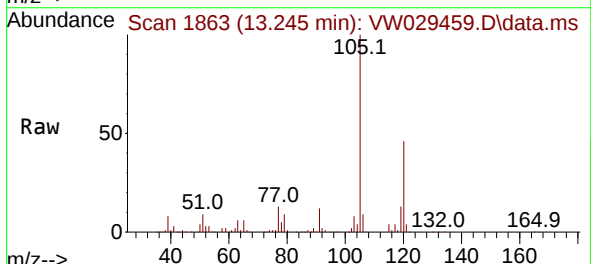
Instrument :
 MSVOA_W
 ClientSampleId :
 A4D00MSD

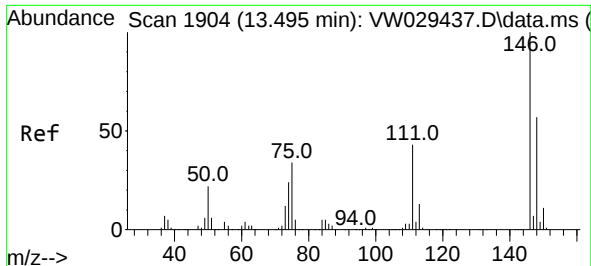
Tgt Ion:105 Resp: 71746
 Ion Ratio Lower Upper
 105 100
 120 47.1 36.4 54.6



#63
 1,2,4-Trimethylbenzene
 Concen: 21.347 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW029459.D
 Acq: 02 Jul 2024 21:06

Tgt Ion:105 Resp: 69594
 Ion Ratio Lower Upper
 105 100
 120 46.5 34.9 52.3

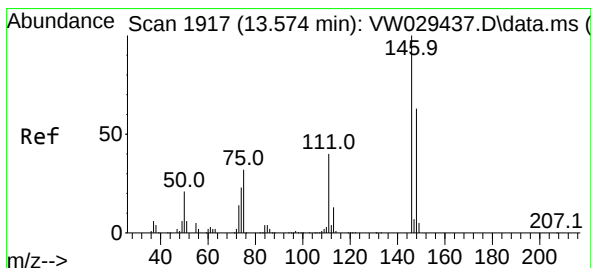
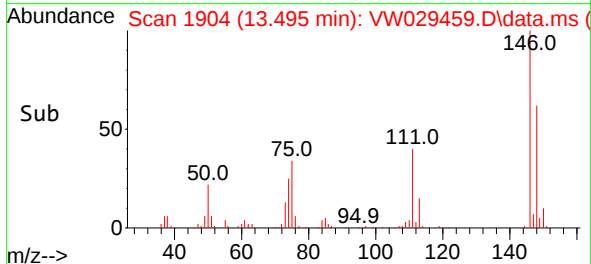
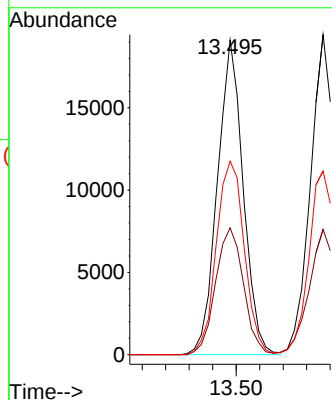
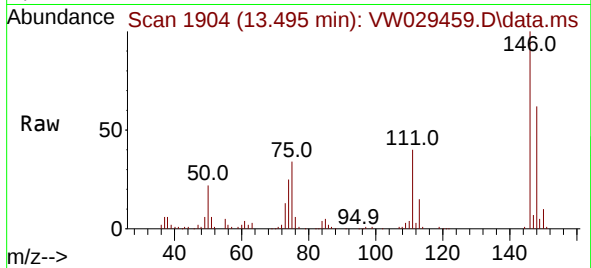




#64
1,3-Dichlorobenzene
Concen: 16.116 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

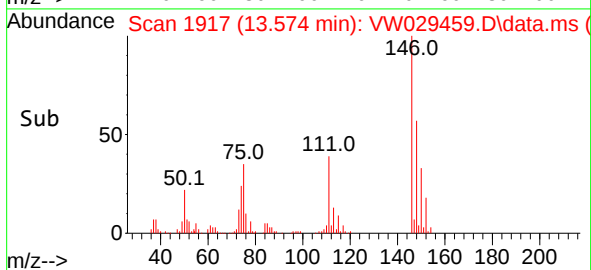
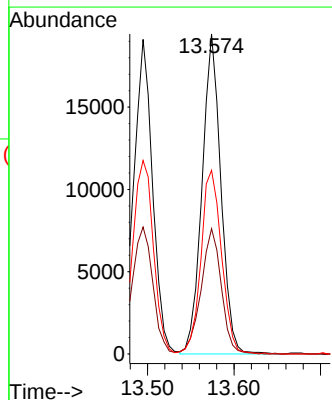
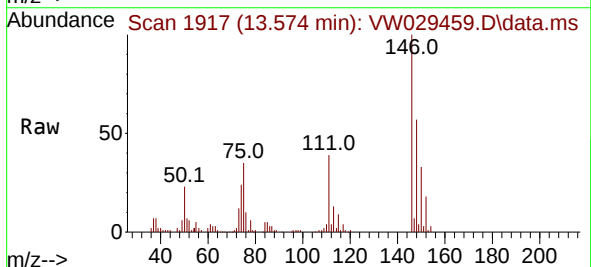
Instrument :
MSVOA_W
ClientSampleId :
A4D00MSD

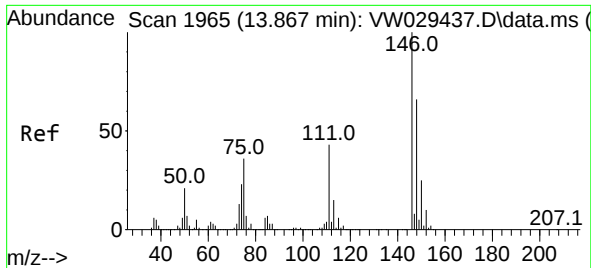
Tgt Ion:146 Resp: 29179
Ion Ratio Lower Upper
146 100
111 40.3 33.0 61.2
148 61.5 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 15.276 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029459.D
Acq: 02 Jul 2024 21:06

Tgt Ion:146 Resp: 29429
Ion Ratio Lower Upper
146 100
111 39.1 28.9 53.7
148 57.4 42.0 78.0





#67

1,2-Dichlorobenzene

Concen: 15.776 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Instrument :

MSVOA_W

ClientSampleId :

A4D00MSD

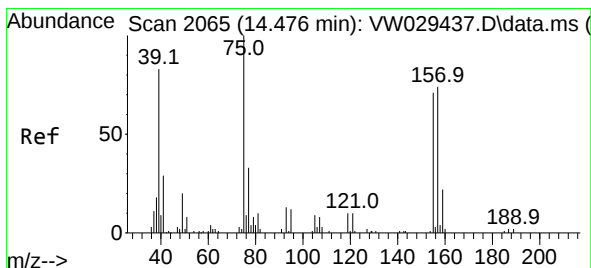
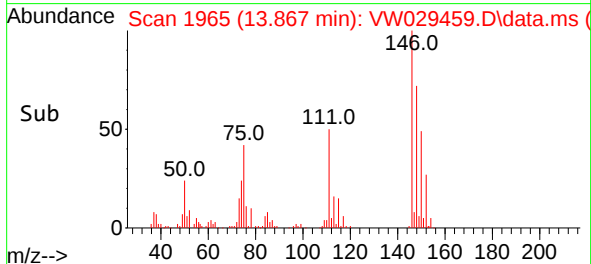
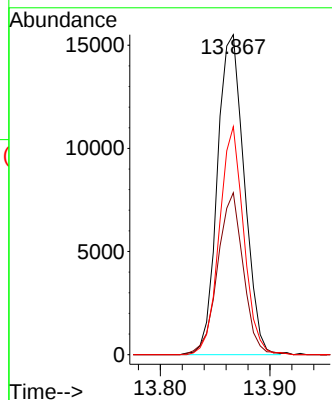
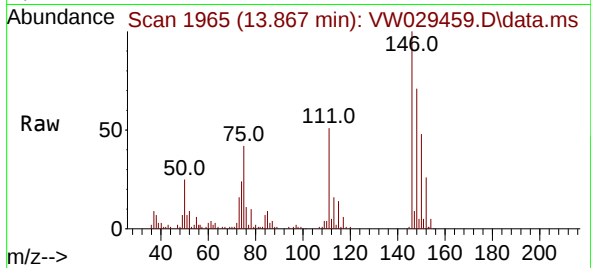
Tgt Ion:146 Resp: 26406

Ion Ratio Lower Upper

146 100

111 50.6 34.2 51.4

148 71.3 46.3 69.5#



#68

1,2-Dibromo-3-chloropropane

Concen: 31.828 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

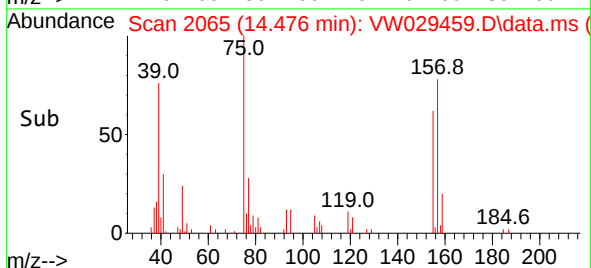
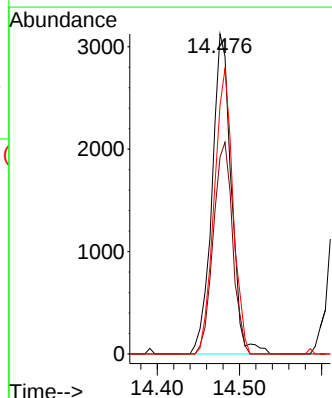
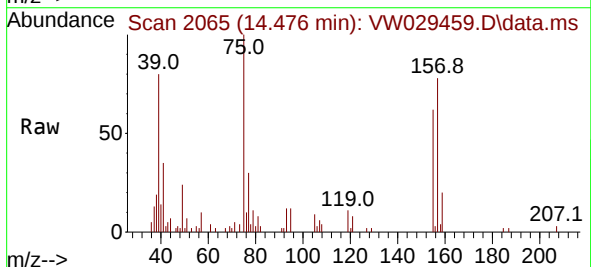
Tgt Ion: 75 Resp: 5087

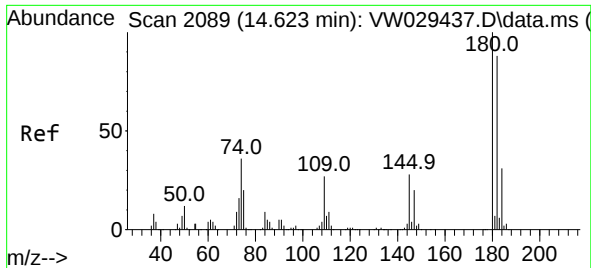
Ion Ratio Lower Upper

75 100

155 61.5 51.0 76.6

157 77.7 58.8 88.2

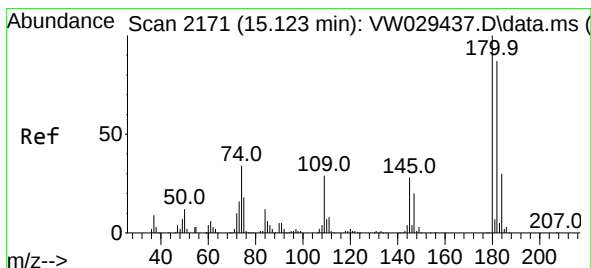
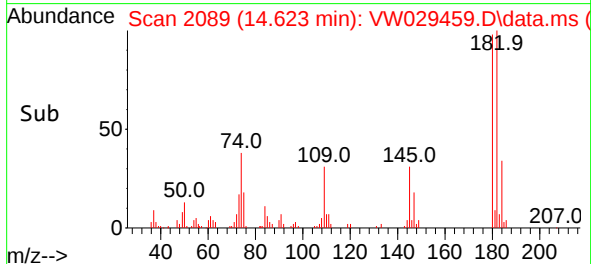
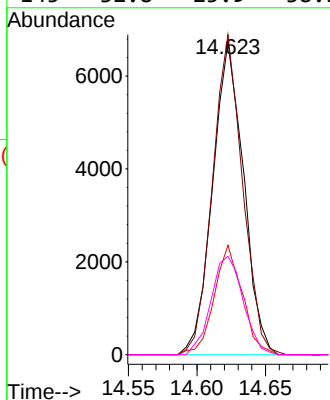
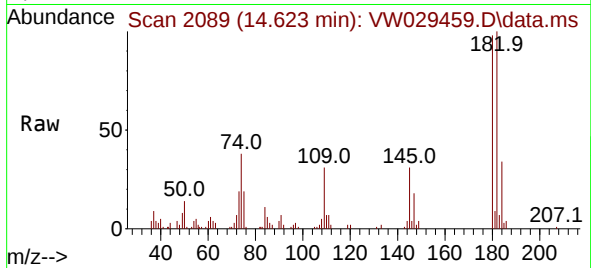




#69
 1,3,5-Trichlorobenzene
 Concen: 8.636 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW029459.D
 Acq: 02 Jul 2024 21:06

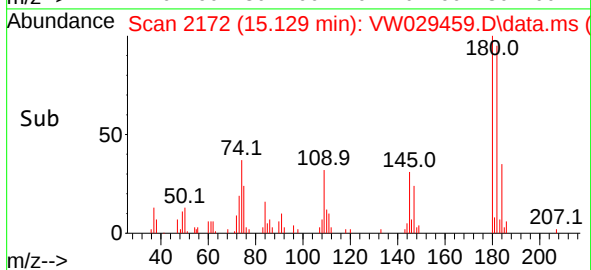
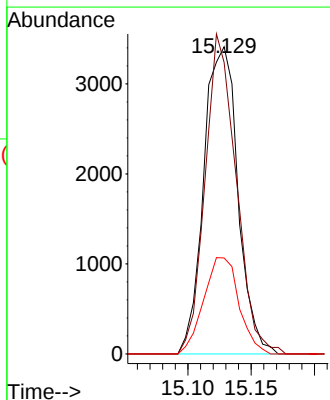
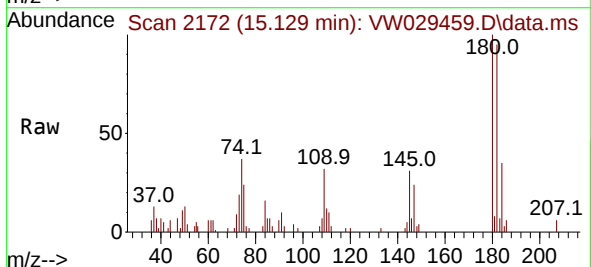
Instrument :
 MSVOA_W
 ClientSampleId :
 A4D00MSD

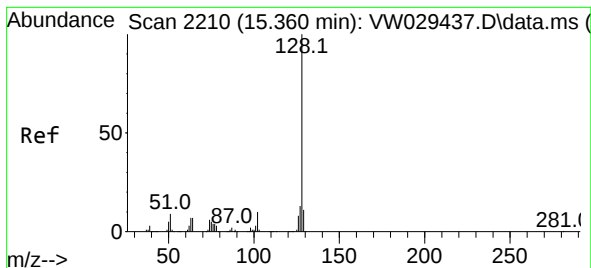
Tgt Ion:180	Resp:	10553
Ion Ratio	Lower	Upper
180	100	
182	99.0	72.9 109.3
184	32.0	23.8 35.6
145	32.8	25.9 38.9



#70
 1,2,4-trichlorobenzene
 Concen: 6.469 ug/L
 RT: 15.129 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW029459.D
 Acq: 02 Jul 2024 21:06

Tgt Ion:180	Resp:	6408
Ion Ratio	Lower	Upper
180	100	
182	94.6	77.7 116.5
145	32.4	25.7 38.5





#71

Naphthalene

Concen: 6.877 ug/L

RT: 15.360 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Instrument :

MSVOA_W

ClientSampleId :

A4D00MSD

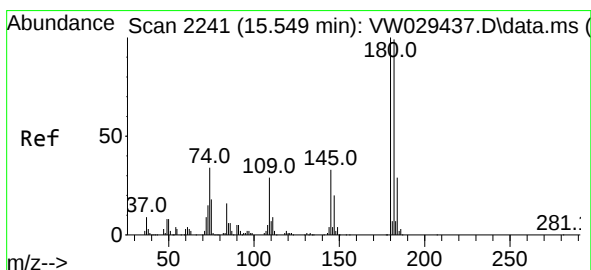
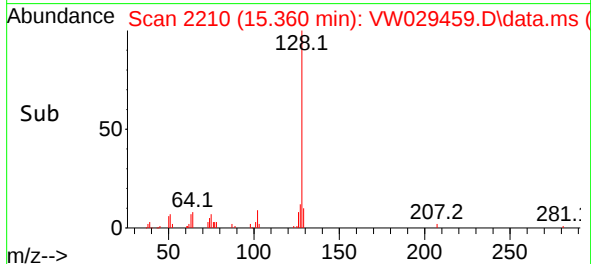
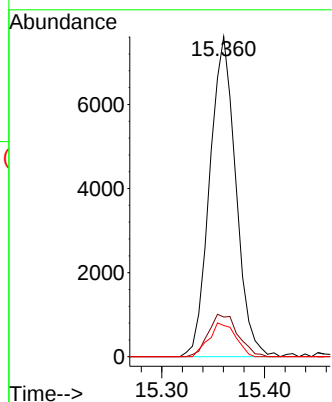
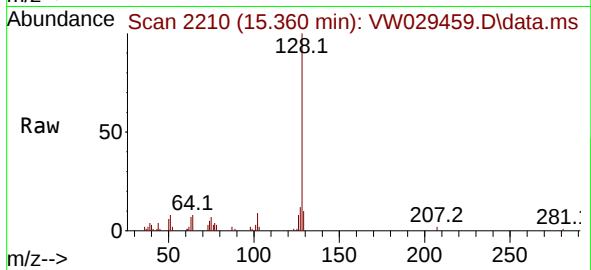
Tgt Ion:128 Resp: 13445

Ion Ratio Lower Upper

128 100

127 15.0 10.3 15.5

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 5.413 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029459.D

Acq: 02 Jul 2024 21:06

Tgt Ion:180 Resp: 4886

Ion Ratio Lower Upper

180 100

182 96.7 73.0 109.6

145 36.1 28.1 42.1

