

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021224\
 Data File : VW027993.D
 Acq On : 12 Feb 2024 13:41
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 13 00:03:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 13 00:01:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	288217	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	264477	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	143417	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	69175	20.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.960%
7) Chloroethane-d5	2.899	69	63365	24.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	4.021	65	30033	20.793	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.160%
21) 2-Butanone-d5	7.088	46	33284	63.457	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	126.920%
24) Chloroform-d	7.648	84	164035	24.341	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.360%
26) 1,2-Dichloroethane-d4	8.301	65	79207	26.023	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.080%
32) Benzene-d6	8.270	84	330531	23.359	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.440%
36) 1,2-Dichloropropane-d6	9.270	67	91655	23.889	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.560%
41) Toluene-d8	10.319	98	320457	23.669	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.680%
43) trans-1,3-Dichloroprop...	10.575	79	40404	25.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.440%
47) 2-Hexanone-d5	10.922	63	33196	63.611	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	82343	28.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.880%
66) 1,2-Dichlorobenzene-d4	13.849	152	120674	24.756	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50483	20.340	ug/L	94
3) Chloromethane	2.223	50	60232	22.097	ug/L	100
5) Vinyl chloride	2.375	62	78615	21.279	ug/L	98
6) Bromomethane	2.790	94	60447	23.156	ug/L	99
8) Chloroethane	2.936	64	52769	25.280	ug/L	96
9) Trichlorofluoromethane	3.271	101	68095	20.281	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	74982	22.156	ug/L	96
12) 1,1-Dichloroethene	4.052	96	71826	22.814	ug/L	87
13) Acetone	4.149	43	25456	49.911	ug/L	94
14) Carbon disulfide	4.393	76	188593	20.234	ug/L	98
15) Methyl Acetate	4.679	43	25467	29.994	ug/L	99
16) Methylene chloride	4.917	84	80243	22.275	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	78170	23.110	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	111575	27.825	ug/L	99
19) 1,1-Dichloroethane	6.216	63	135315	24.625	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	89231	24.982	ug/L	98
22) 2-Butanone	7.173	43	36224	61.527	ug/L	98
23) Bromochloromethane	7.514	128	42892	27.034	ug/L	88
25) Chloroform	7.673	83	150662	25.505	ug/L	99

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 Response via : Initial Calibration

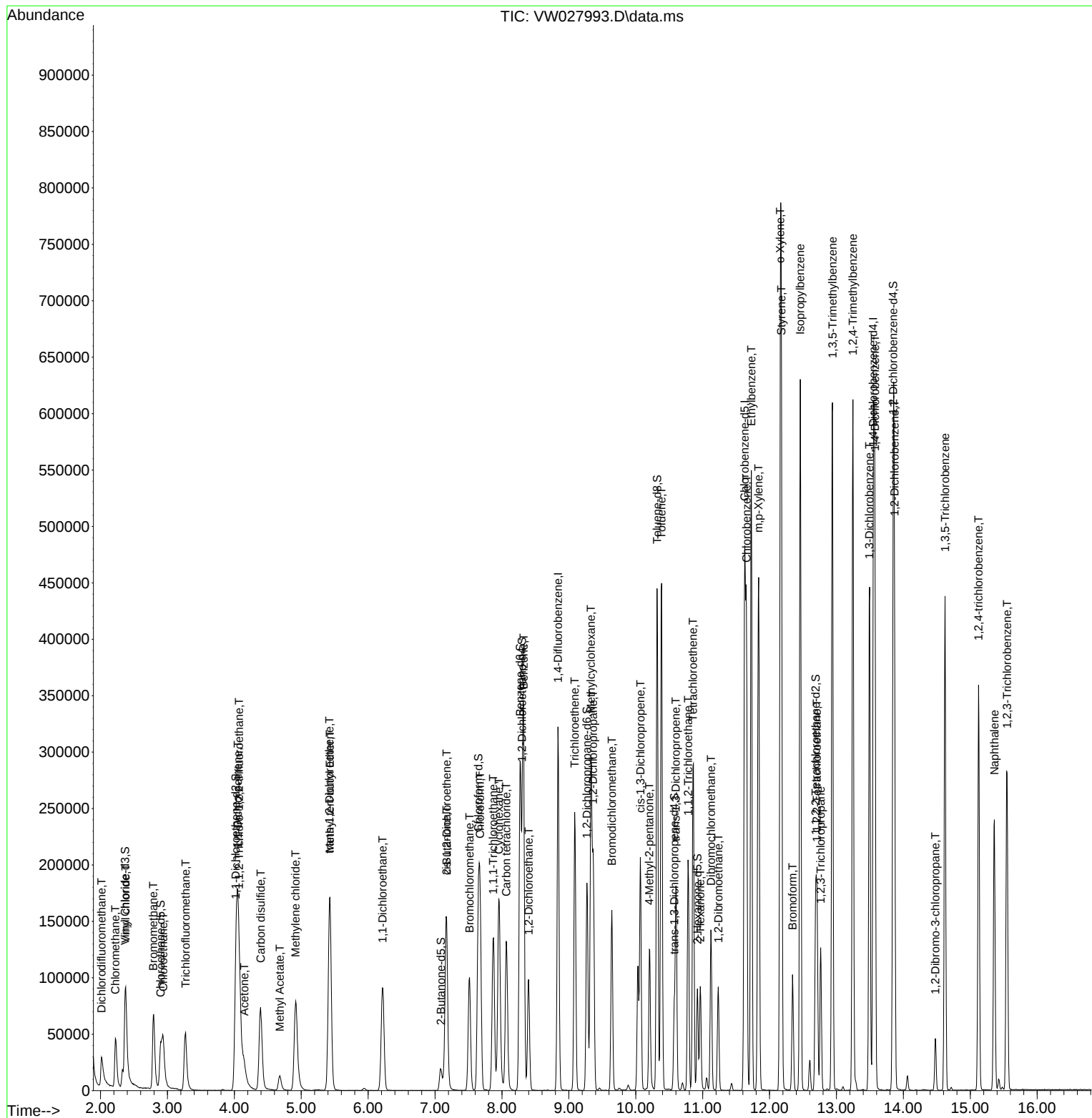
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27) 1,2-Dichloroethane	8.398	62	89355	27.163	ug/L	98
29) Cyclohexane	7.953	56	102031	21.644	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	119514	23.409	ug/L	99
31) Carbon tetrachloride	8.063	117	108929	23.062	ug/L	98
33) Benzene	8.325	78	316648	23.971	ug/L	100
34) Trichloroethene	9.087	95	86575	22.830	ug/L	96
35) Methylcyclohexane	9.331	83	136822	21.926	ug/L	98
37) 1,2-Dichloropropane	9.362	63	79271	25.537	ug/L	100
38) Bromodichloromethane	9.642	83	110102	26.573	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	128578	25.843	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	75351	64.314	ug/L	99
42) Toluene	10.386	91	362871	24.500	ug/L	98
44) trans-1,3-Dichloropropene	10.599	75	105689	26.764	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	67210	27.355	ug/L	95
46) Tetrachloroethene	10.855	164	73458	23.022	ug/L	94
48) 2-Hexanone	10.965	43	52271	58.903	ug/L	100
49) Dibromochloromethane	11.123	129	75443	26.934	ug/L	97
50) 1,2-Dibromoethane	11.233	107	63481	27.680	ug/L	96
51) Chlorobenzene	11.654	112	242729	24.641	ug/L	97
52) Ethylbenzene	11.727	91	396727	23.758	ug/L	98
53) m,p-Xylene	11.837	106	157815	24.098	ug/L	82
54) o-Xylene	12.160	106	152055	24.756	ug/L	98
55) Styrene	12.178	104	267023	26.101	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.709	83	79373	30.168	ug/L	100
59) Bromoform	12.343	173	47984	28.347	ug/L	99
60) Isopropylbenzene	12.459	105	417659	23.324	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53528	27.966	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	348303	24.306	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	336509	23.998	ug/L	97
64) 1,3-Dichlorobenzene	13.489	146	198577	24.140	ug/L	92
65) 1,4-Dichlorobenzene	13.574	146	203890	24.378	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	175537	24.160	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	11585	30.486	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	142049	24.048	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	120631	25.289	ug/L	96
71) Naphthalene	15.360	128	216863	29.257	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	109897	27.614	ug/L	98

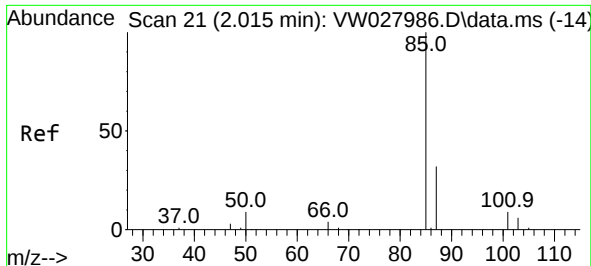
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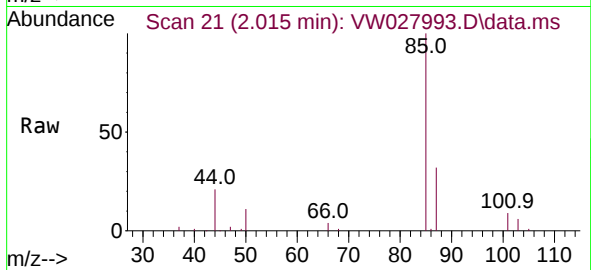
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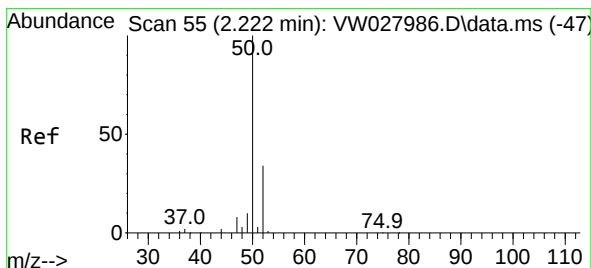
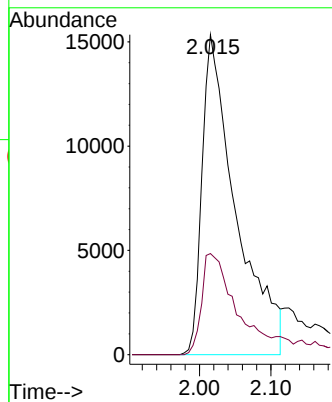
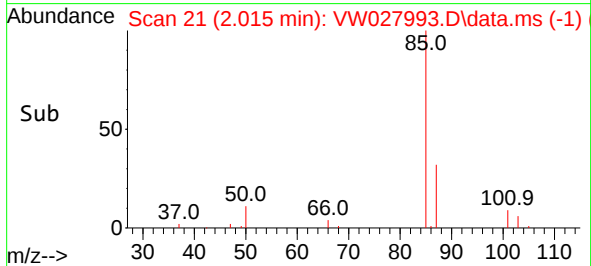


#2
 Dichlorodifluoromethane
 Concen: 20.340 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW027993.D
 Acq: 12 Feb 2024 13:41

Instrument :
 MSVOA_W
 ClientSampleId :

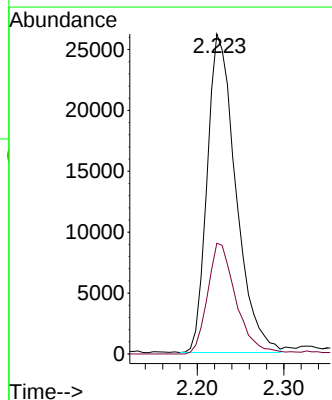
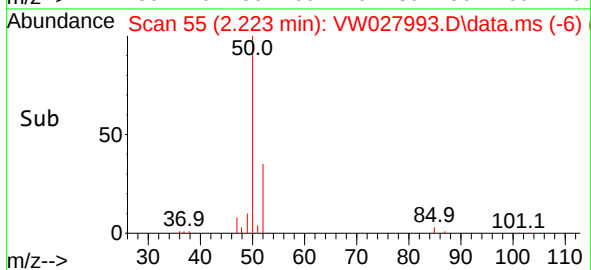
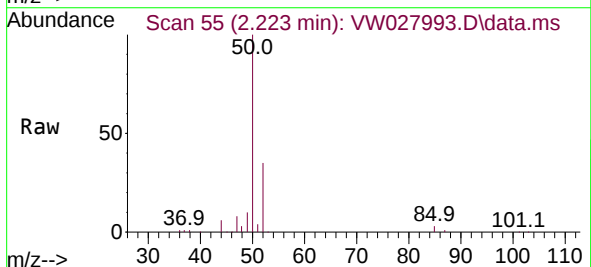


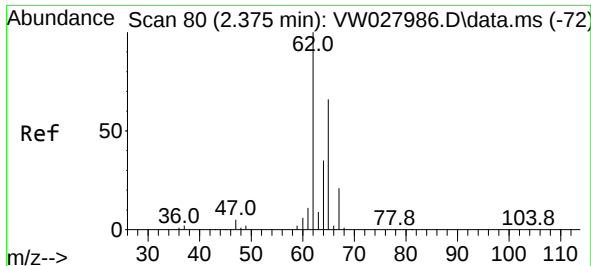
Tgt Ion: 85 Resp: 50483
 Ion Ratio Lower Upper
 85 100
 87 28.1 25.3 37.9



#3
 Chloromethane
 Concen: 22.097 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW027993.D
 Acq: 12 Feb 2024 13:41

Tgt Ion: 50 Resp: 60232
 Ion Ratio Lower Upper
 50 100
 52 34.6 24.3 45.1

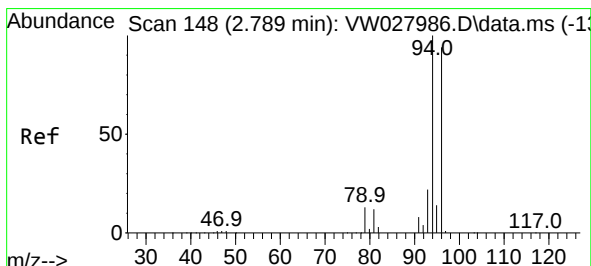
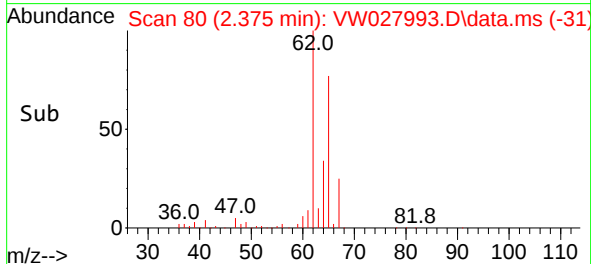
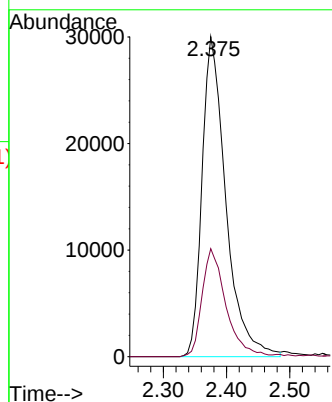
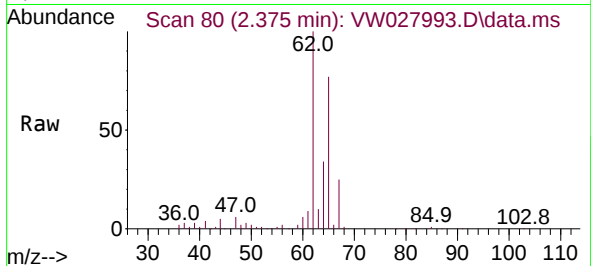




#5
 Vinyl chloride
 Concen: 21.279 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW027993.D
 Acq: 12 Feb 2024 13:41

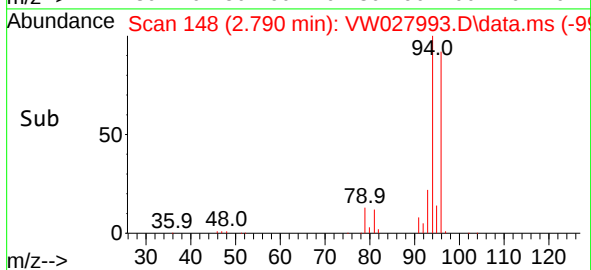
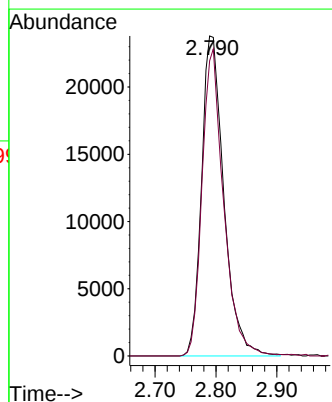
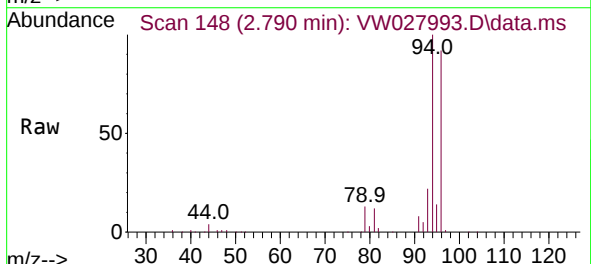
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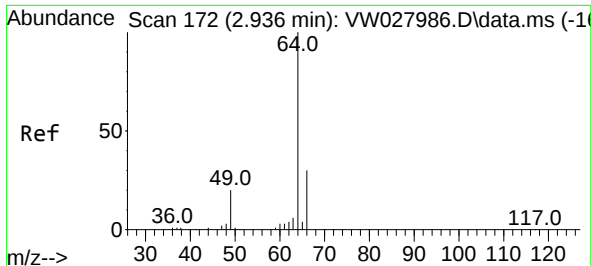
Tgt Ion: 62 Resp: 78615
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.0 42.6



#6
 Bromomethane
 Concen: 23.156 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW027993.D
 Acq: 12 Feb 2024 13:41

Tgt Ion: 94 Resp: 60447
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.3 121.3

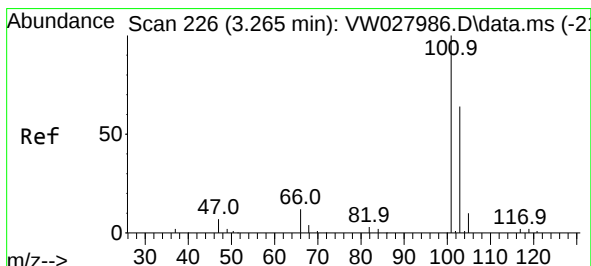
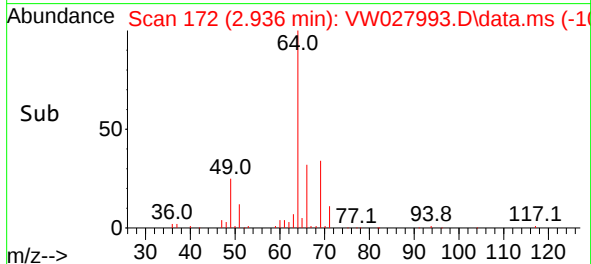
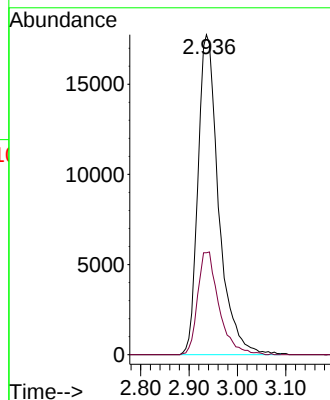
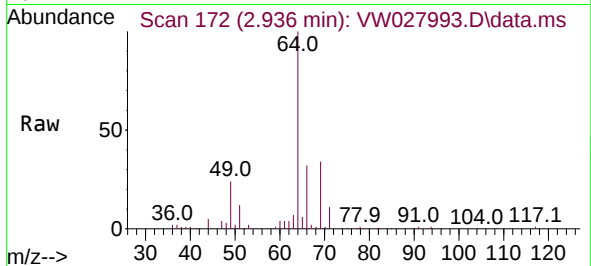




#8
Chloroethane
Concen: 25.280 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

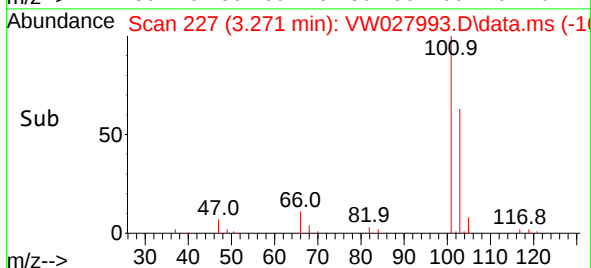
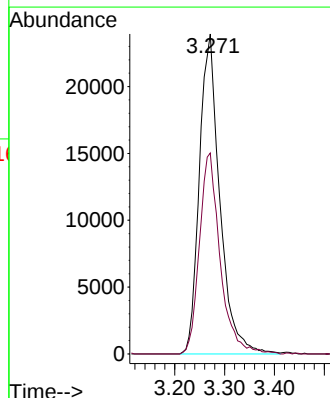
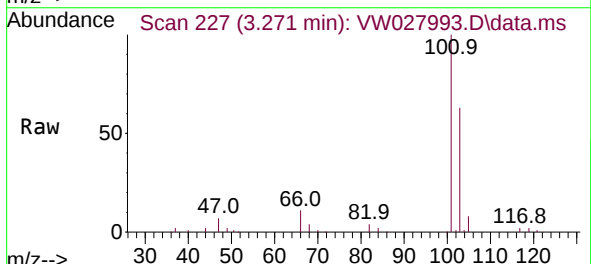
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MSVOA_W
ClientSampleId :

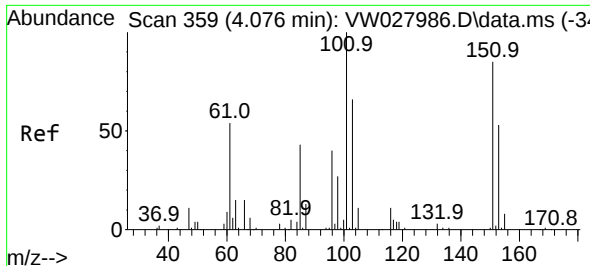
Tgt Ion: 64 Resp: 52769
Ion Ratio Lower Upper
64 100
66 31.9 20.9 38.7



#9
Trichlorofluoromethane
Concen: 20.281 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Tgt Ion:101 Resp: 68095
Ion Ratio Lower Upper
101 100
103 63.0 51.6 77.4

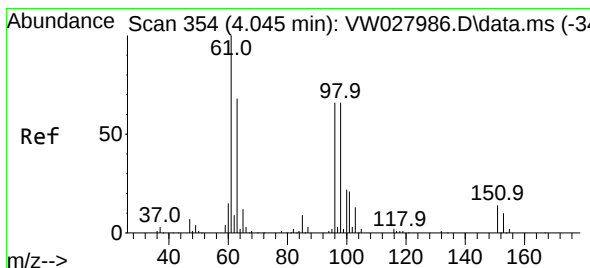
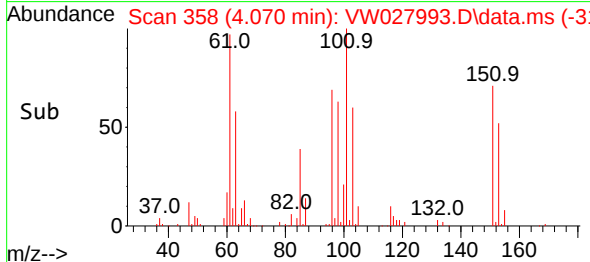
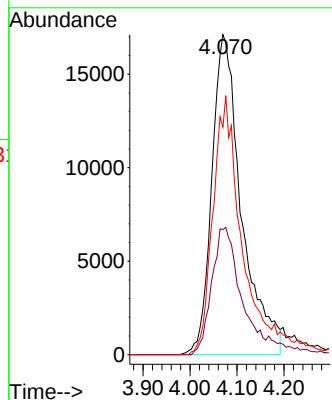
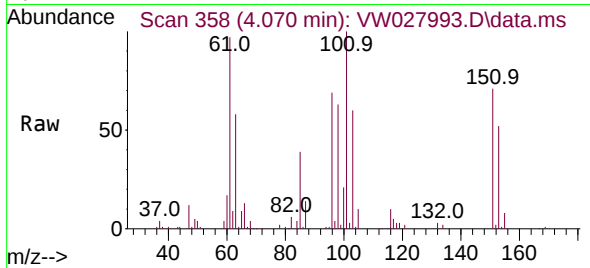




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.156 ug/L
 RT: 4.070 min Scan# 359
 Delta R.T. -0.006 min
 Lab File: VW027993.D
 Acq: 12 Feb 2024 13:41

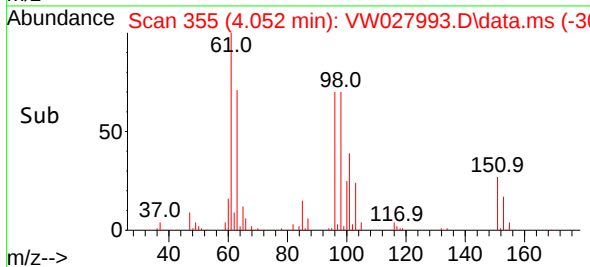
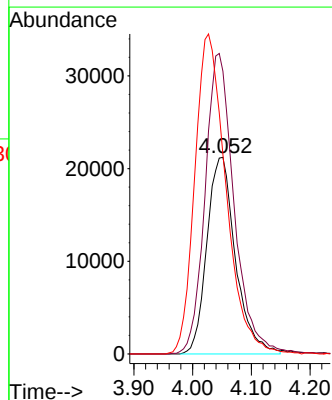
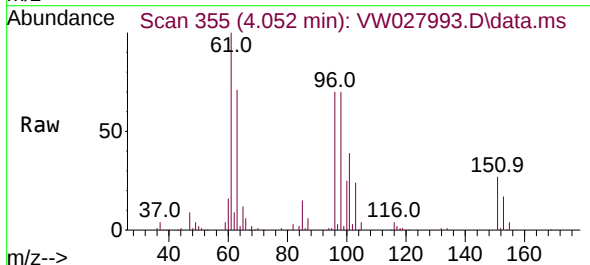
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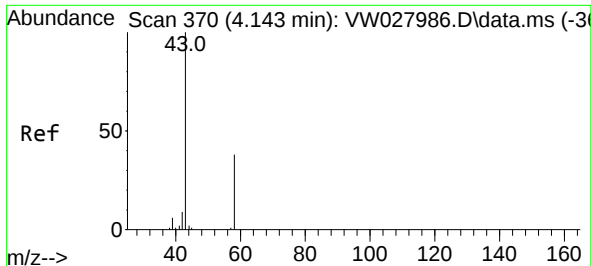
Tgt Ion:101 Resp: 74982
 Ion Ratio Lower Upper
 101 100
 85 38.6 33.8 50.6
 151 74.9 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 22.814 ug/L
 RT: 4.052 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW027993.D
 Acq: 12 Feb 2024 13:41

Tgt Ion: 96 Resp: 71826
 Ion Ratio Lower Upper
 96 100
 61 143.8 107.4 199.4
 63 101.4 86.0 159.6

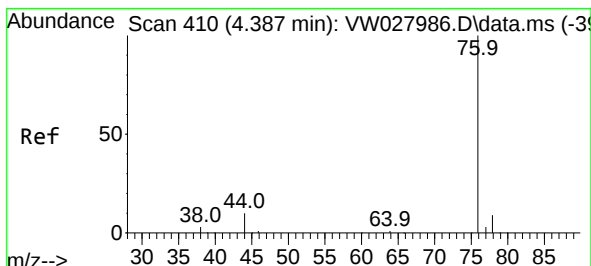
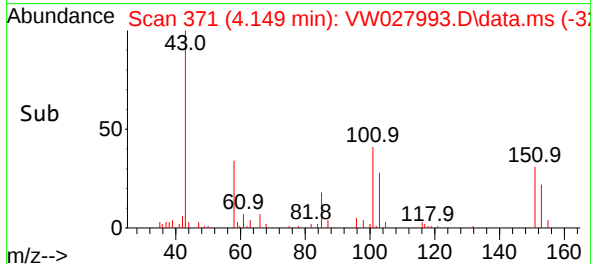
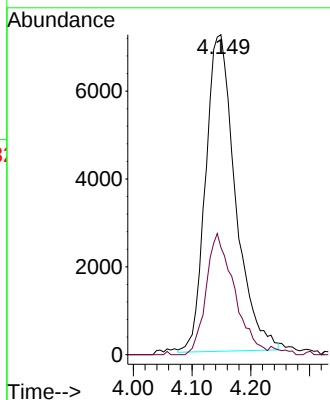
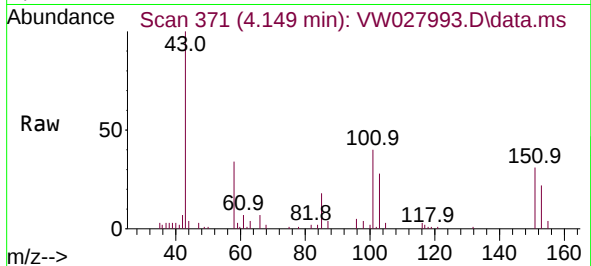




#13
Acetone
Concen: 49.911 ug/L
RT: 4.149 min Scan# 371
Delta R.T. 0.006 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

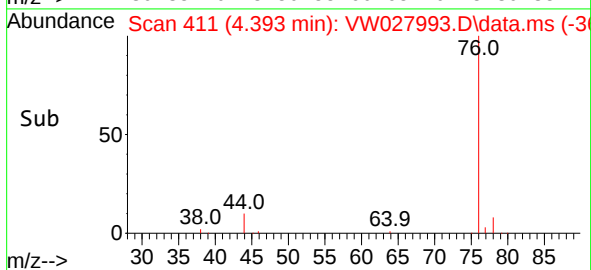
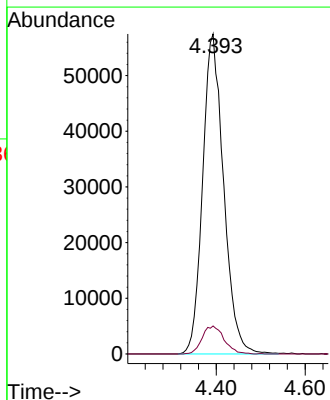
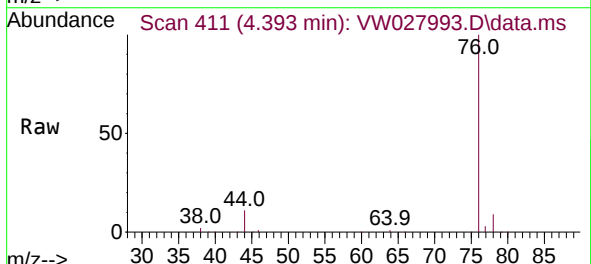
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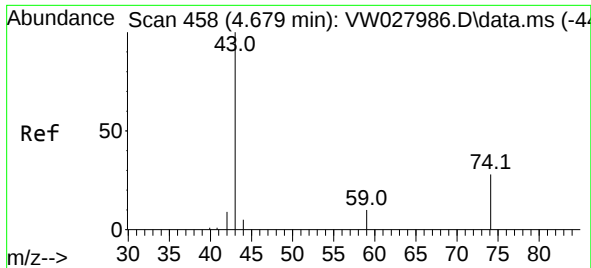
Tgt Ion: 43 Resp: 25456
Ion Ratio Lower Upper
43 100
58 36.2 0.0 66.0



#14
Carbon disulfide
Concen: 20.234 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW027993.D
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Tgt Ion: 76 Resp: 188593
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

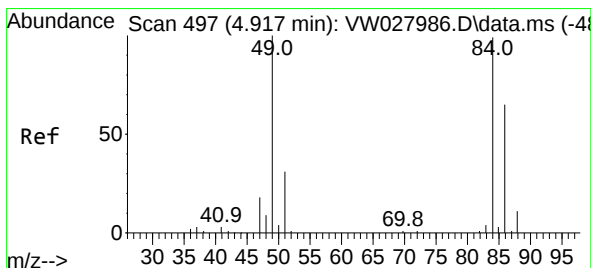
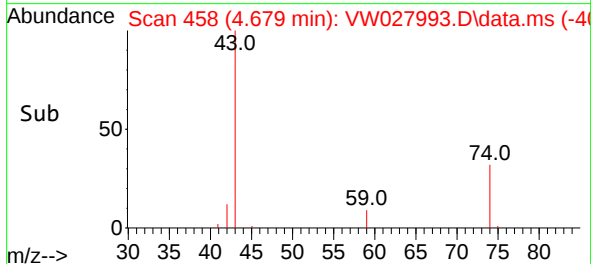
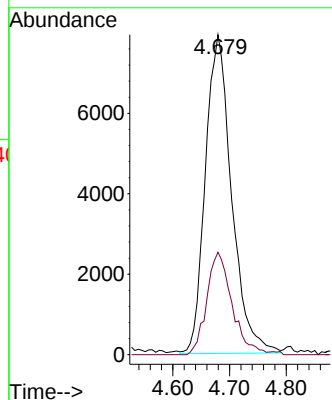
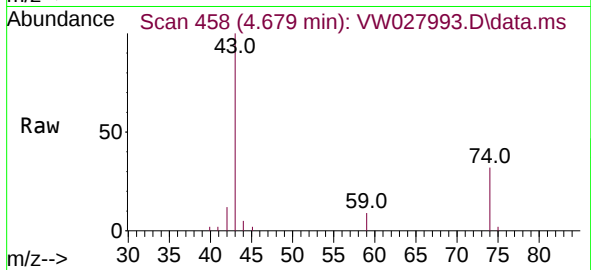




#15
Methyl Acetate
Concen: 29.994 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

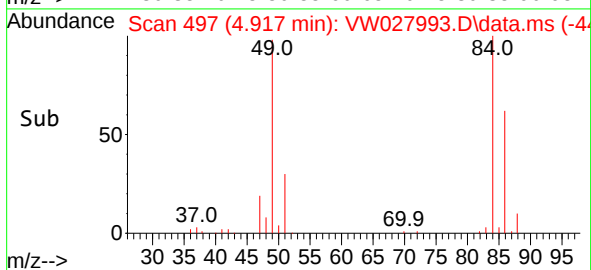
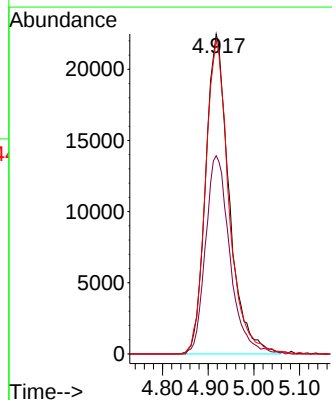
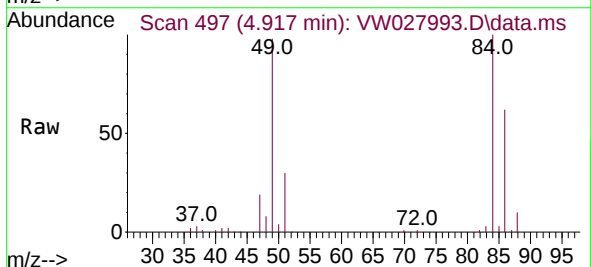
Instrument :
MSVOA_W
ClientSampleId :

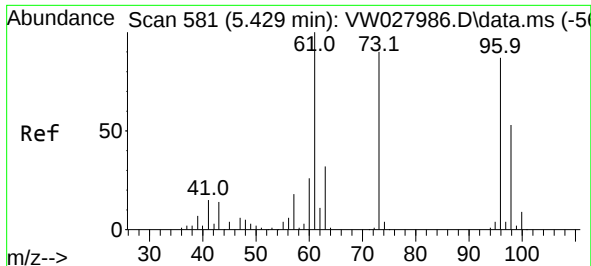
Tgt Ion: 43 Resp: 25467
Ion Ratio Lower Upper
43 100
74 30.8 24.2 36.2



#16
Methylene chloride
Concen: 22.275 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Tgt Ion: 84 Resp: 80243
Ion Ratio Lower Upper
84 100
86 61.9 45.4 84.4
49 98.0 66.3 123.1

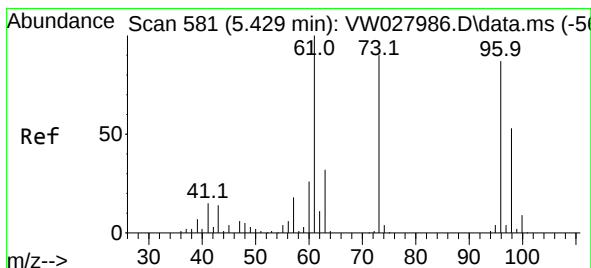
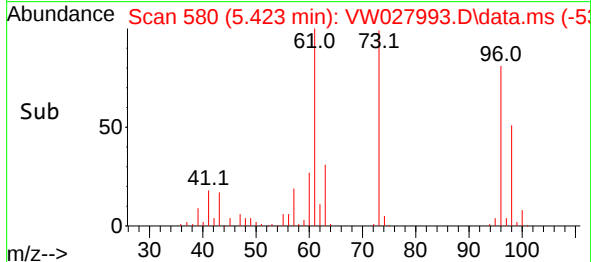
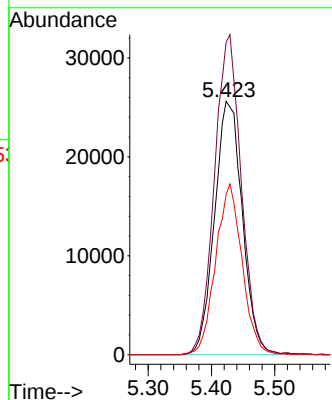
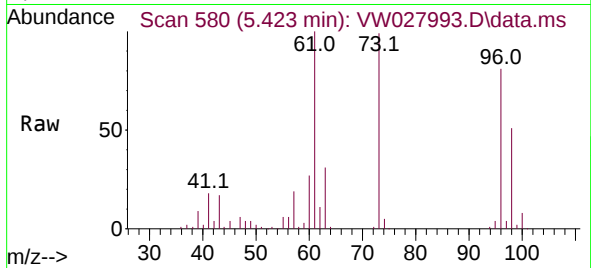




#17
trans-1,2-Dichloroethene
Concen: 23.110 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

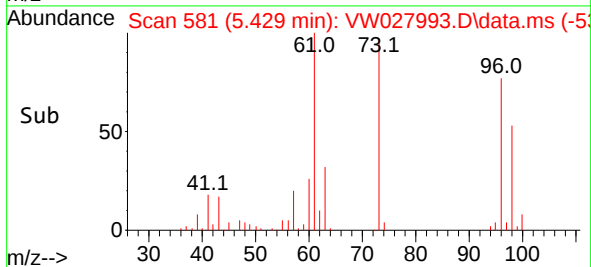
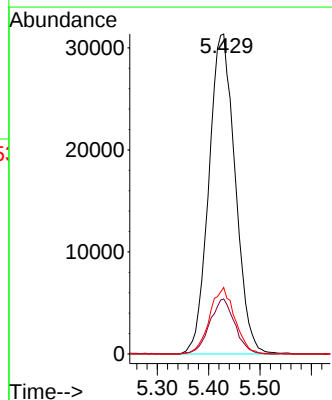
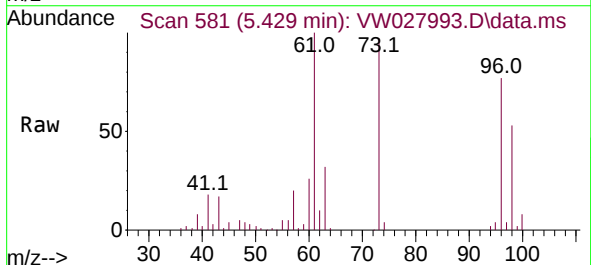
Instrument :
MSVOA_W
ClientSampleId :

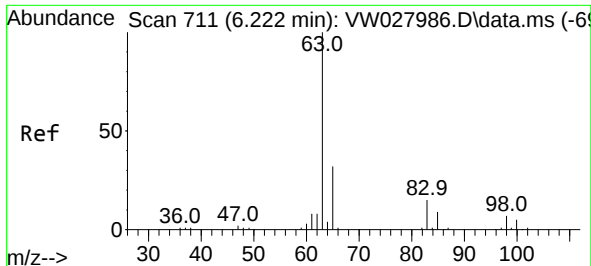
Tgt Ion: 96 Resp: 78170
Ion Ratio Lower Upper
96 100
61 123.4 80.1 148.7
98 63.3 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 27.825 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Tgt Ion: 73 Resp: 111575
Ion Ratio Lower Upper
73 100
43 16.4 13.4 20.0
57 19.9 16.3 24.5





#19

1,1-Dichloroethane

Concen: 24.625 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Instrument :

MSVOA_W

ClientSampleId :

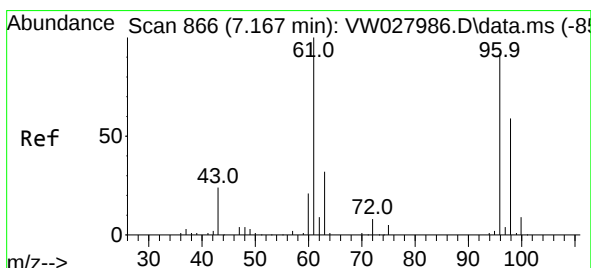
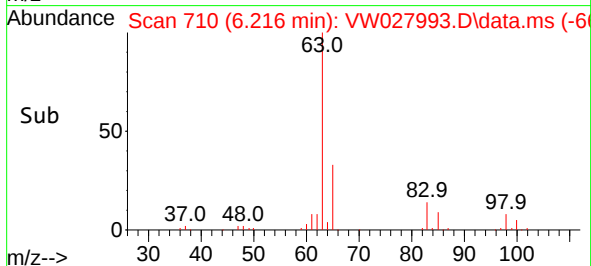
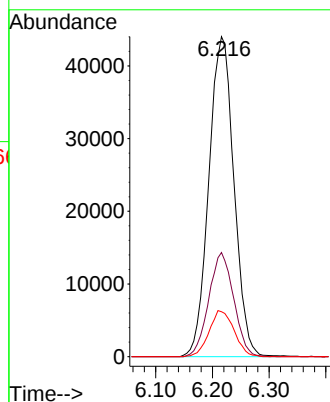
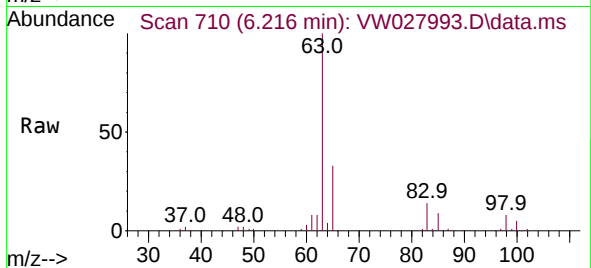
Tgt Ion: 63 Resp: 135315

Ion Ratio Lower Upper

63 100

65 32.6 23.1 42.9

83 14.1 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 24.982 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

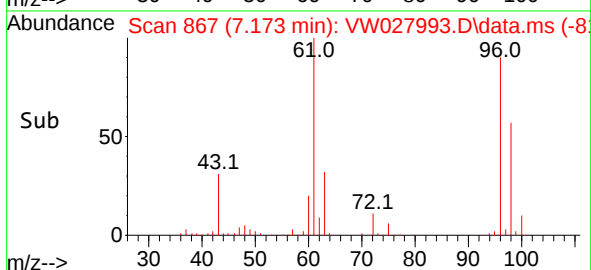
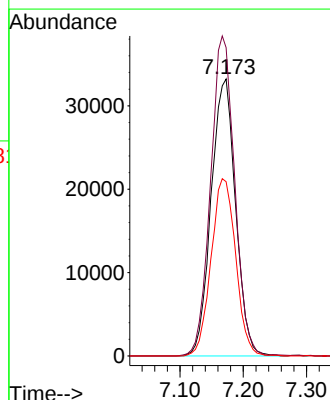
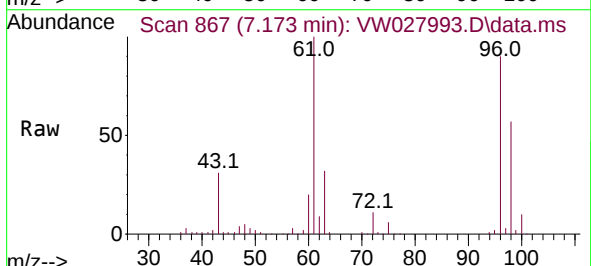
Tgt Ion: 96 Resp: 89231

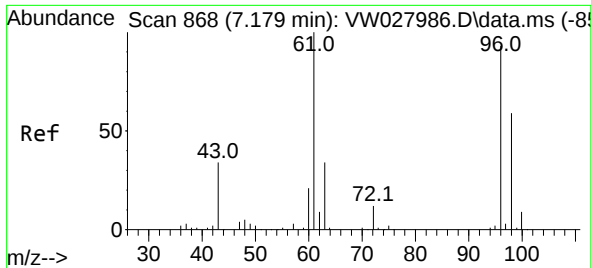
Ion Ratio Lower Upper

96 100

61 111.3 76.3 141.7

98 62.9 42.9 79.7

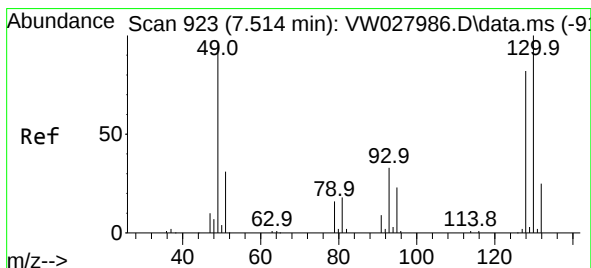
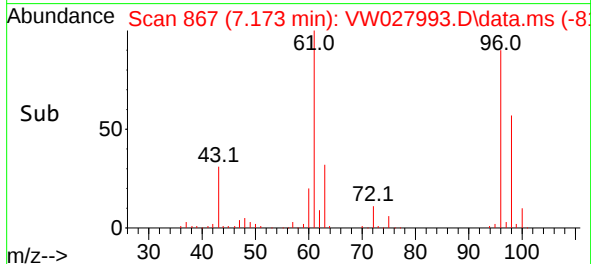
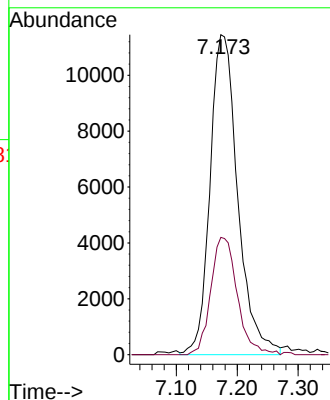
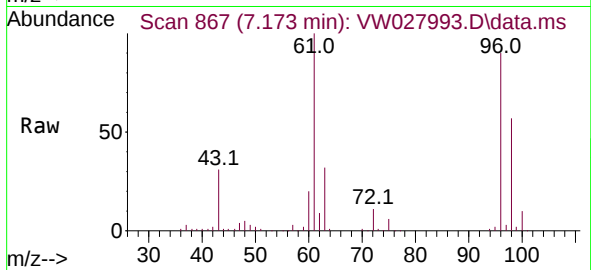




#22
2-Butanone
Concen: 61.527 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

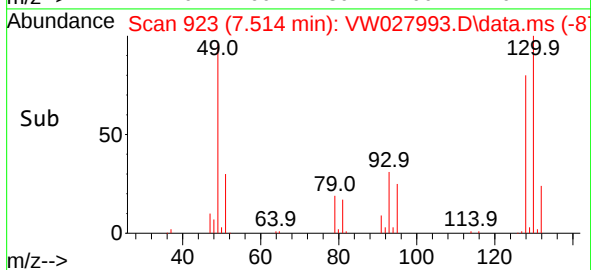
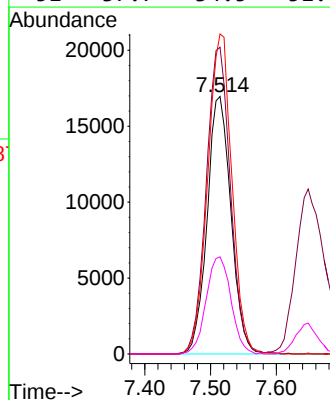
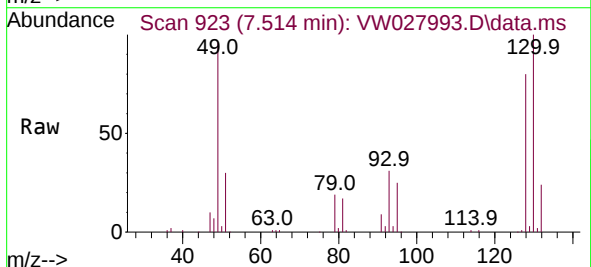
Instrument :
MSVOA_W
ClientSampleId :

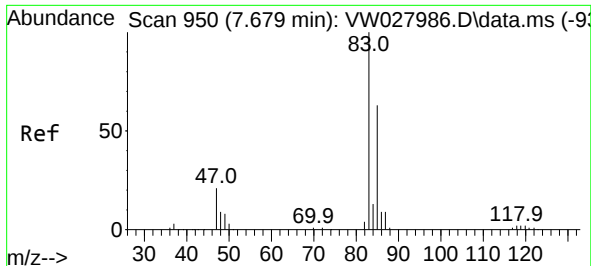
Tgt Ion: 43 Resp: 36224
Ion Ratio Lower Upper
43 100
72 34.8 17.0 50.9



#23
Bromochloromethane
Concen: 27.034 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Tgt Ion: 128 Resp: 42892
Ion Ratio Lower Upper
128 100
49 119.2 93.2 173.2
130 124.3 97.4 180.8
51 37.7 34.5 51.7

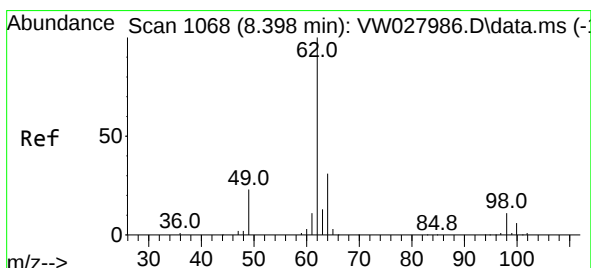
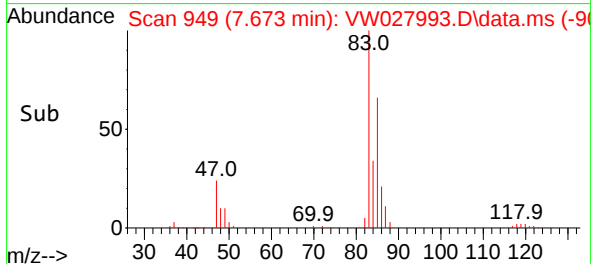
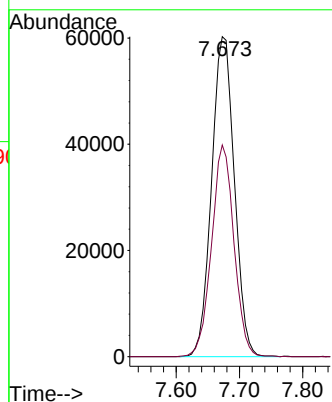
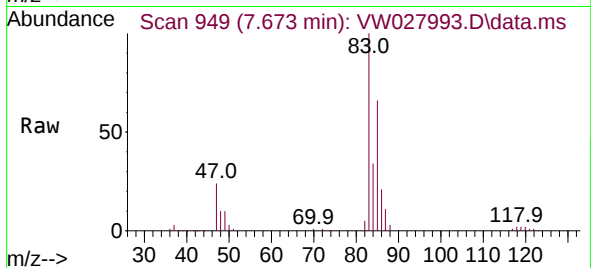




#25
Chloroform
Concen: 25.505 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

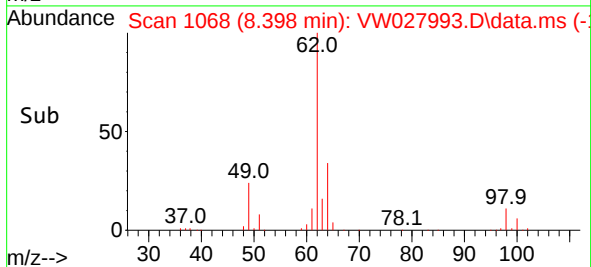
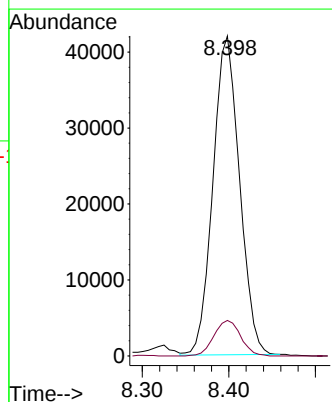
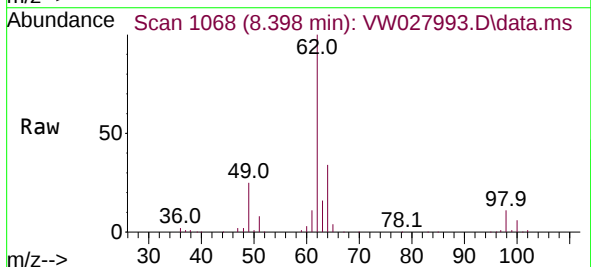
Instrument :
MSVOA_W
ClientSampleId :

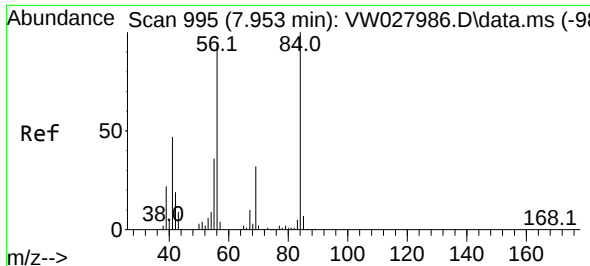
Tgt Ion: 83 Resp: 150662
Ion Ratio Lower Upper
83 100
85 66.1 46.6 86.6



#27
1,2-Dichloroethane
Concen: 27.163 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

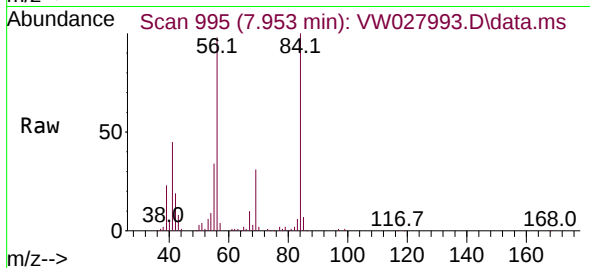
Tgt Ion: 62 Resp: 89355
Ion Ratio Lower Upper
62 100
98 11.1 9.4 14.2



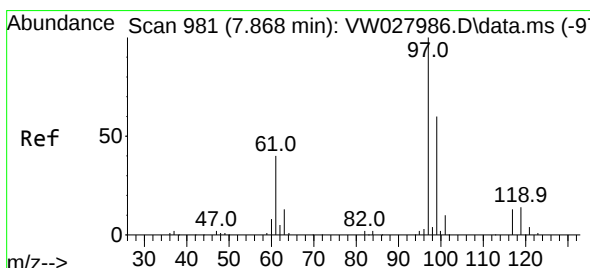
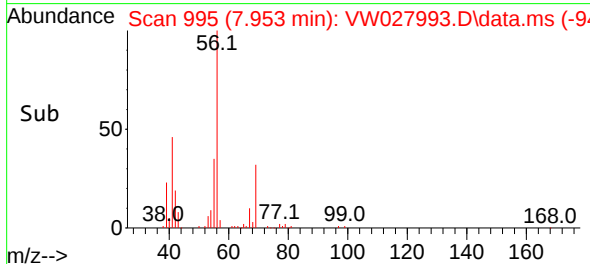
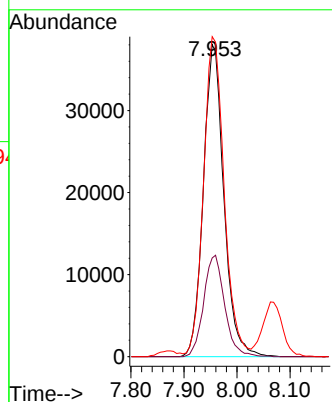


#29
Cyclohexane
Concen: 21.644 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Instrument :
MSVOA_W
ClientSampleId :

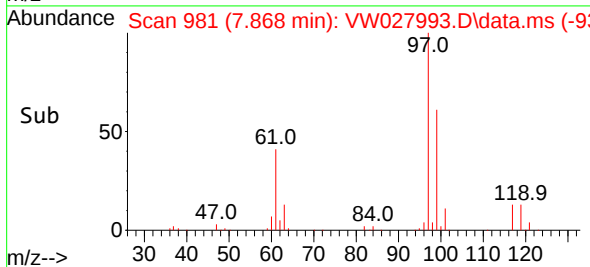
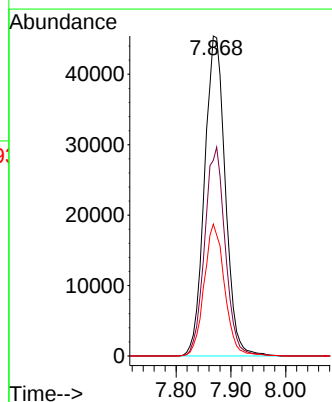
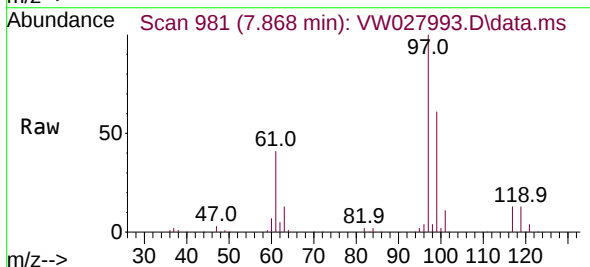


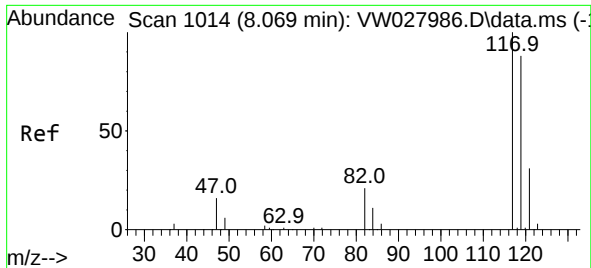
Tgt Ion: 56 Resp: 102031
Ion Ratio Lower Upper
56 100
69 33.2 26.3 39.5
84 103.4 81.6 122.4



#30
1,1,1-Trichloroethane
Concen: 23.409 ug/L
RT: 7.868 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Tgt Ion: 97 Resp: 119514
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 40.7 32.9 49.3

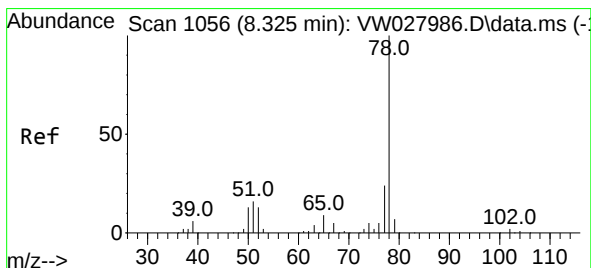
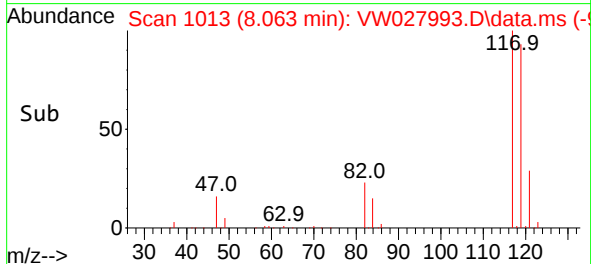
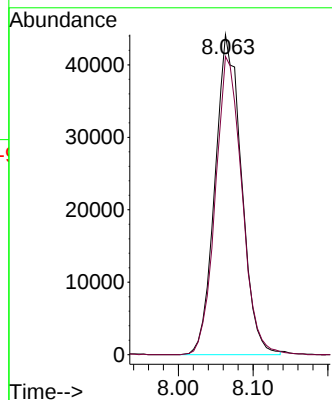
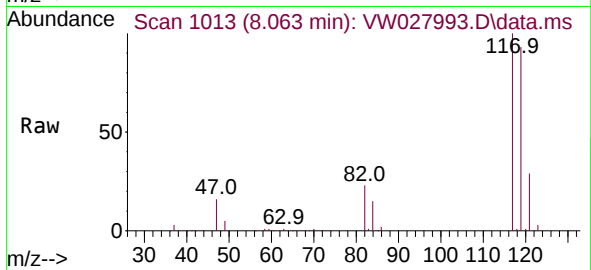




#31
Carbon tetrachloride
Concen: 23.062 ug/L
RT: 8.063 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

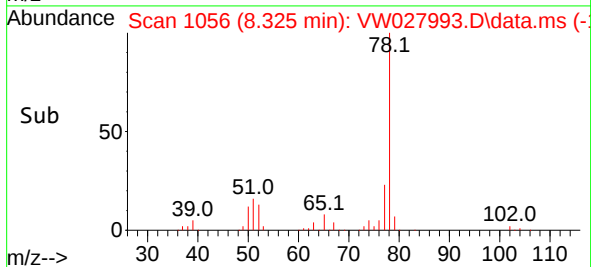
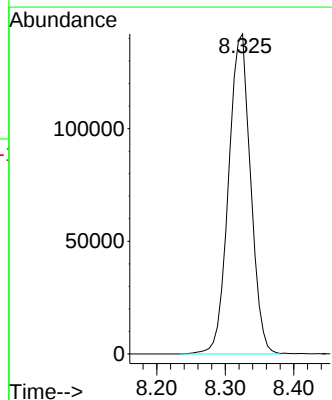
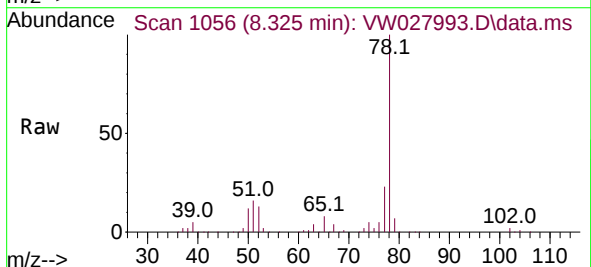
Instrument :
MSVOA_W
ClientSampleId :

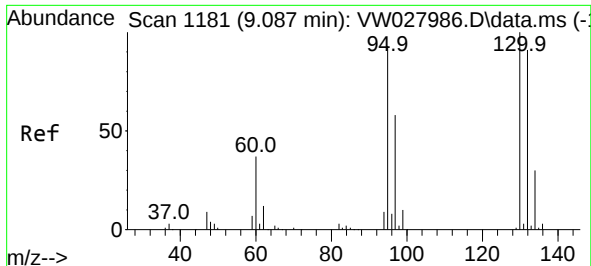
Tgt Ion:117 Resp: 108929
Ion Ratio Lower Upper
117 100
119 93.7 76.5 114.7



#33
Benzene
Concen: 23.971 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

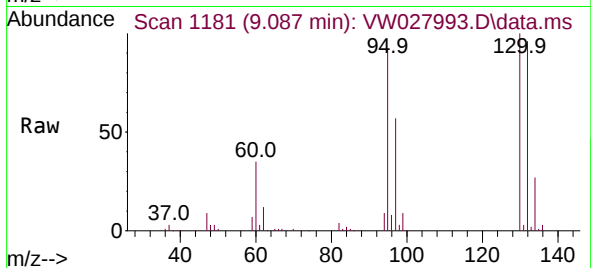
Tgt Ion: 78 Resp: 316648





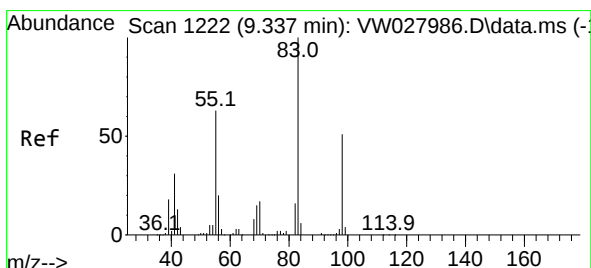
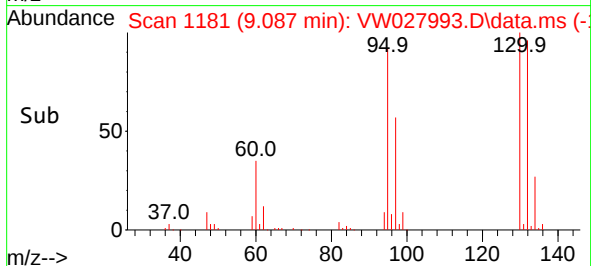
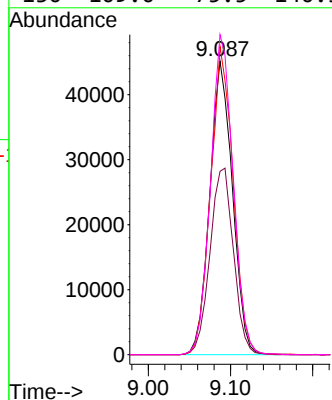
#34
Trichloroethene
Concen: 22.830 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 86575

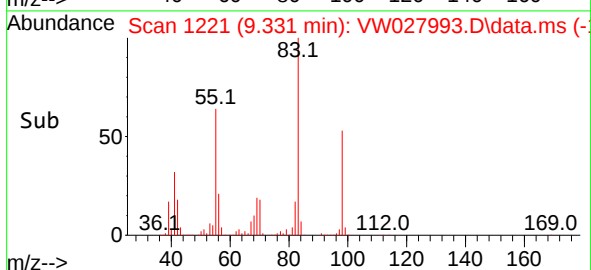
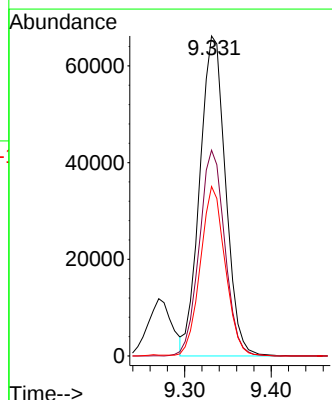
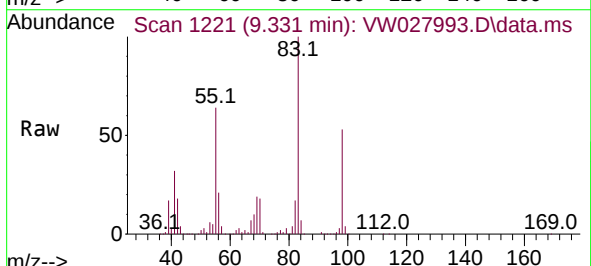
Ion	Ratio	Lower	Upper
95	100		
97	62.5	44.3	82.3
132	105.0	68.0	126.2
130	109.0	75.5	140.3

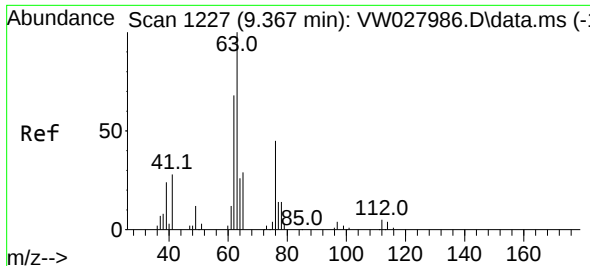


#35
Methylcyclohexane
Concen: 21.926 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Tgt Ion: 83 Resp: 136822

Ion	Ratio	Lower	Upper
83	100		
55	63.6	52.3	78.5
98	51.0	41.9	62.9





#37

1,2-Dichloropropane

Concen: 25.537 ug/L

RT: 9.362 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Instrument :

MSVOA_W

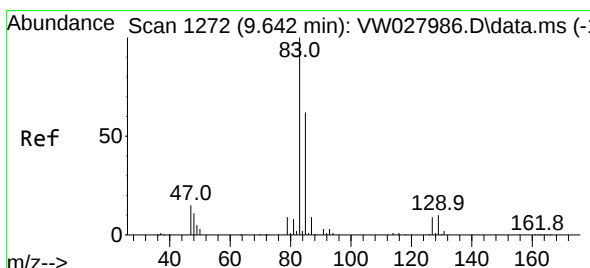
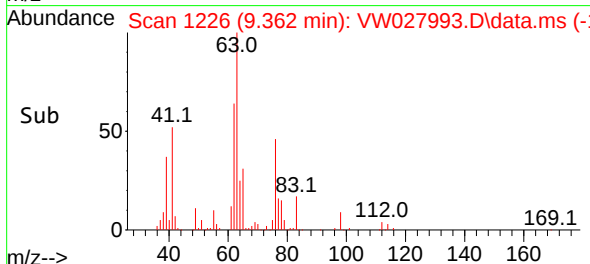
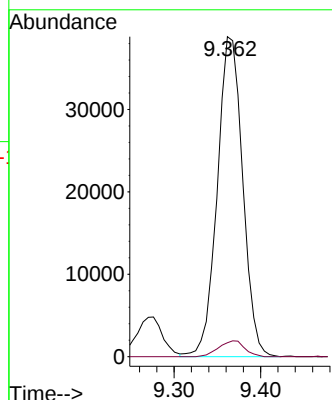
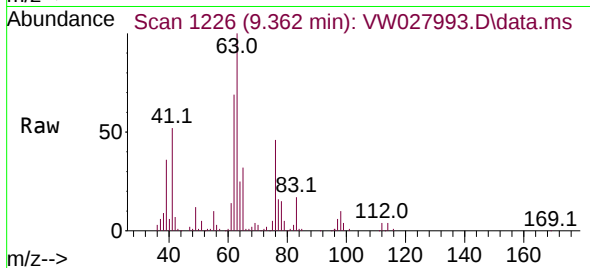
ClientSampleId :

Tgt Ion: 63 Resp: 79271

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 26.573 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

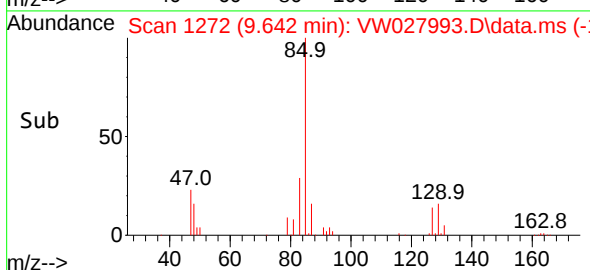
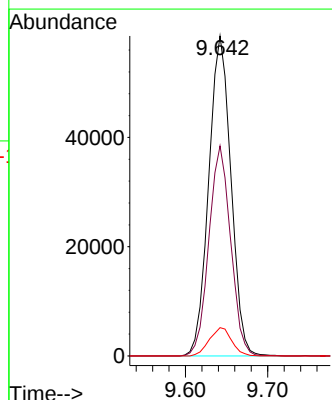
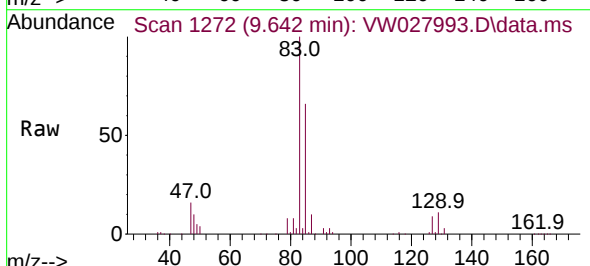
Tgt Ion: 83 Resp: 110102

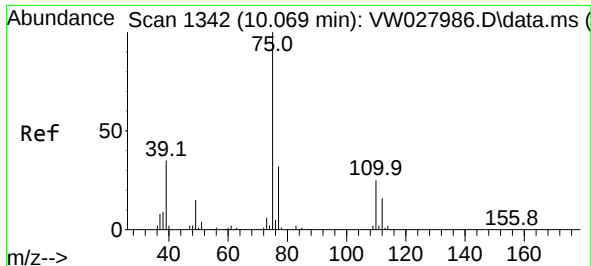
Ion Ratio Lower Upper

83 100

85 65.7 44.7 83.1

127 8.8 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.843 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Instrument :

MSVOA_W

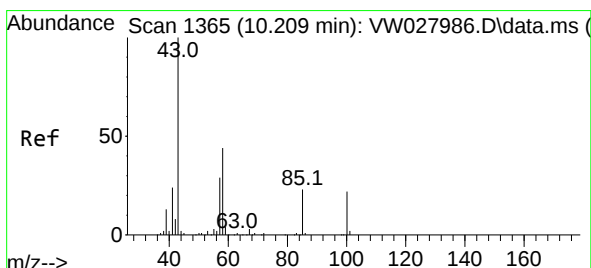
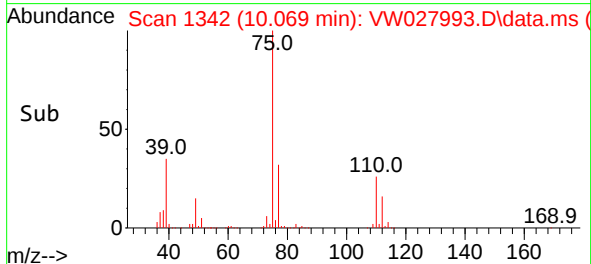
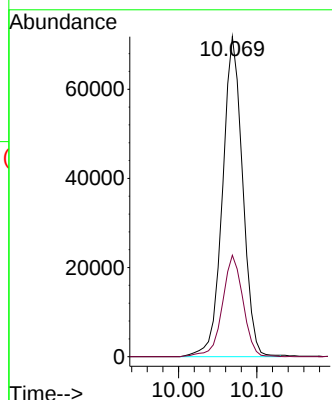
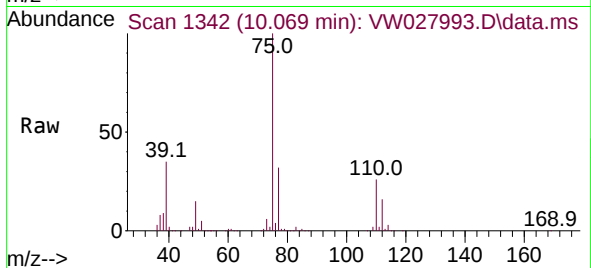
ClientSampleId :

Tgt Ion: 75 Resp: 128578

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 64.314 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.006 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

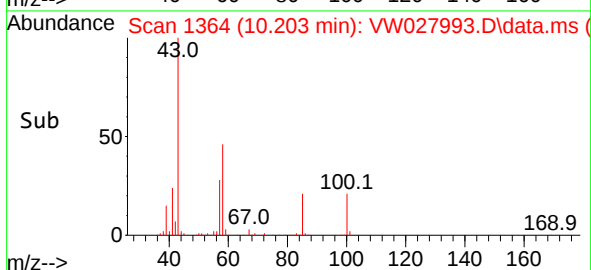
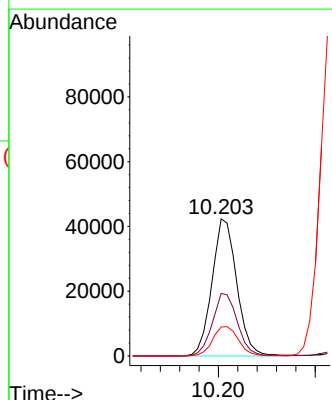
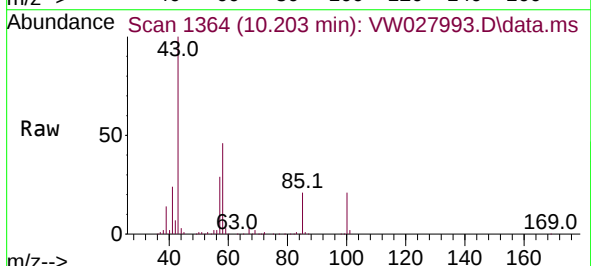
Tgt Ion: 43 Resp: 75351

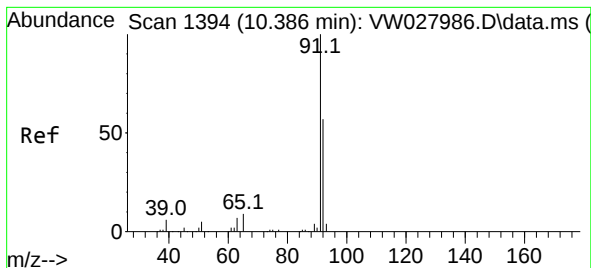
Ion Ratio Lower Upper

43 100

58 45.8 36.7 55.1

100 22.2 18.4 27.6





#42

Toluene

Concen: 24.500 ug/L

RT: 10.386 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Instrument :

MSVOA_W

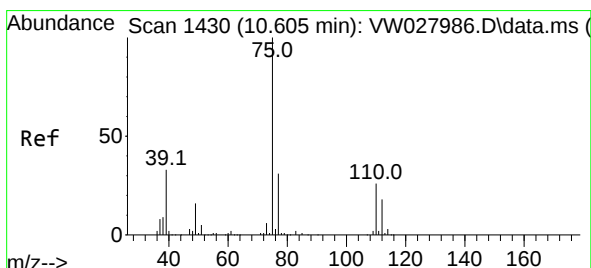
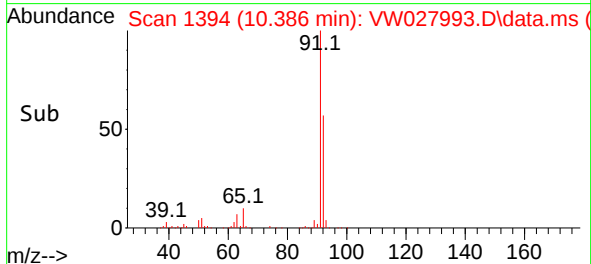
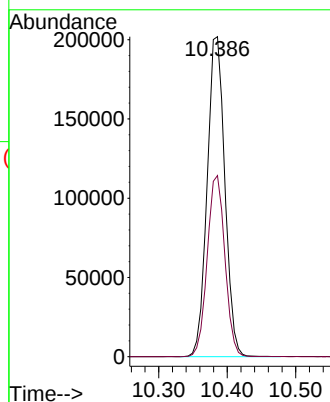
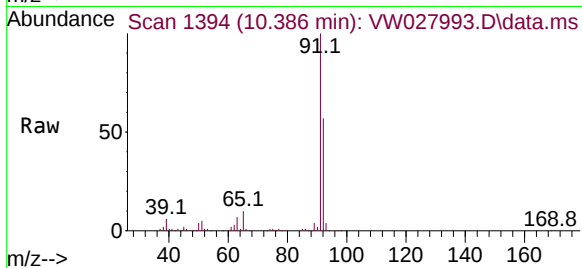
ClientSampleId :

Tgt Ion: 91 Resp: 362871

Ion Ratio Lower Upper

91 100

92 56.6 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 26.764 ug/L

RT: 10.599 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VW027993.D

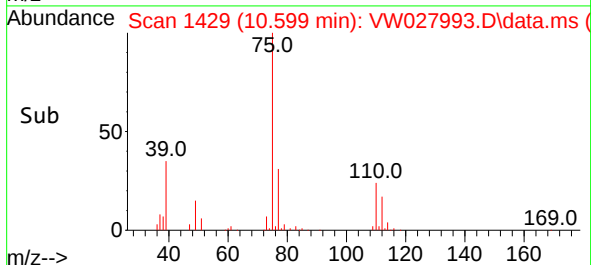
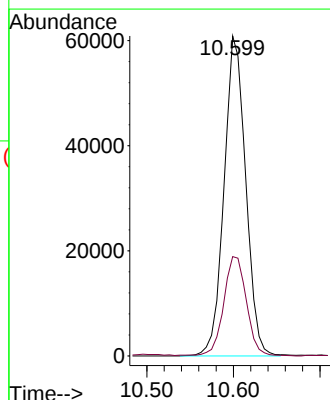
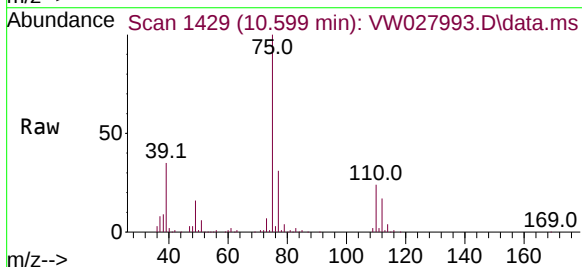
Acq: 12 Feb 2024 13:41

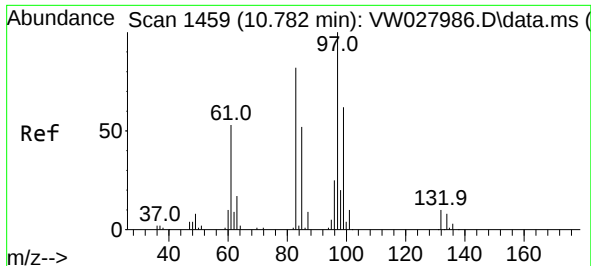
Tgt Ion: 75 Resp: 105689

Ion Ratio Lower Upper

75 100

77 31.1 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 27.355 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 67210

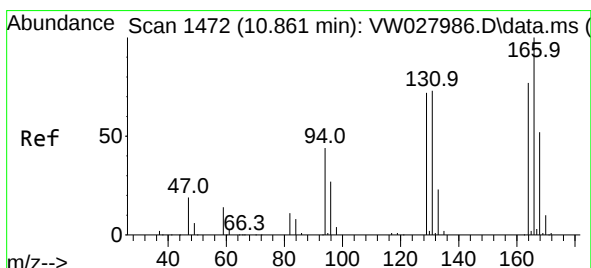
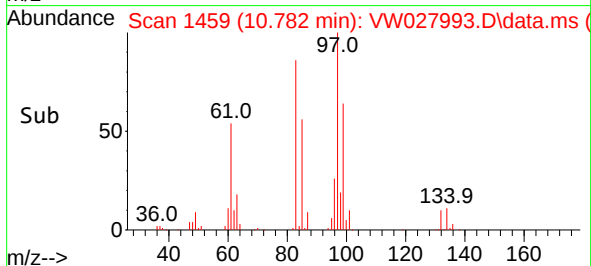
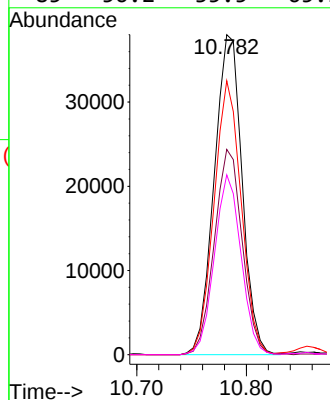
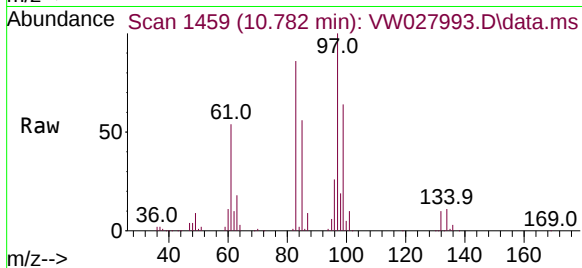
Ion Ratio Lower Upper

97 100

99 64.2 43.3 80.5

83 85.6 57.2 106.2

85 56.2 35.5 65.9



#46

Tetrachloroethene

Concen: 23.022 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Tgt Ion:164 Resp: 73458

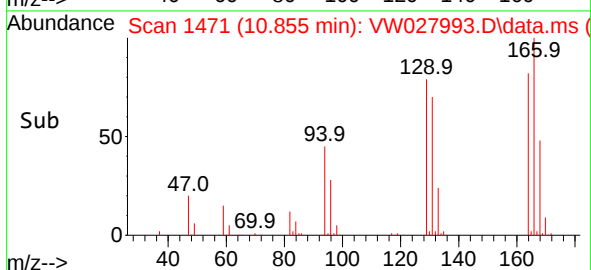
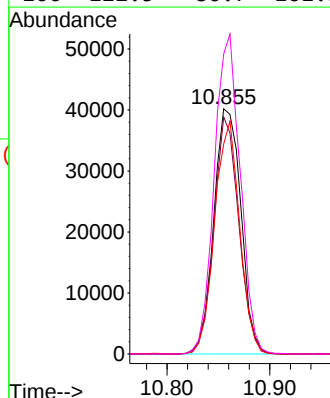
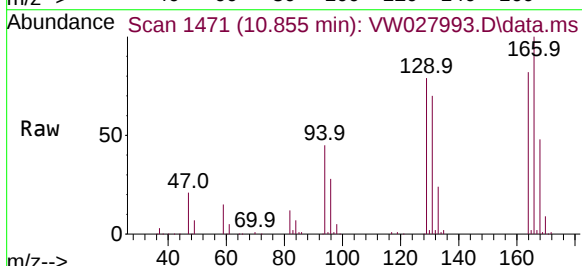
Ion Ratio Lower Upper

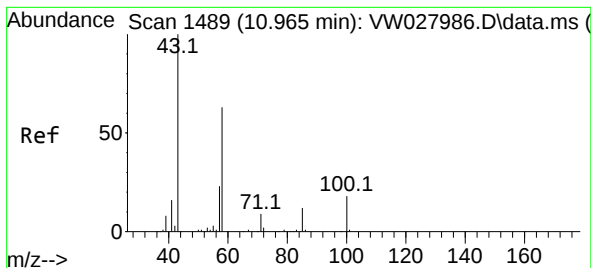
164 100

129 96.7 59.4 110.2

131 85.7 65.0 120.6

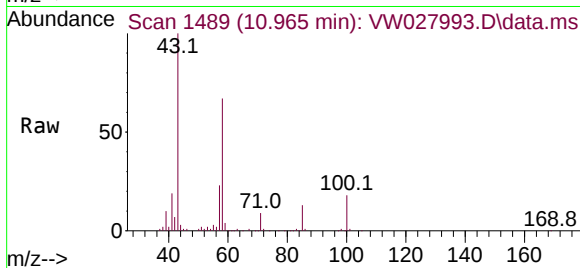
166 122.5 86.7 161.1



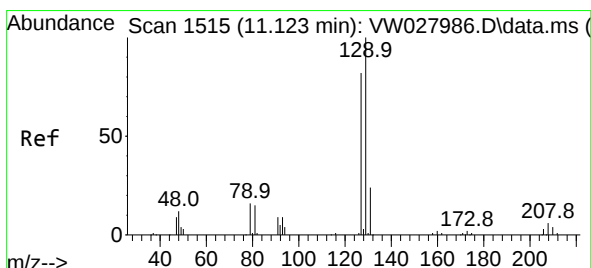
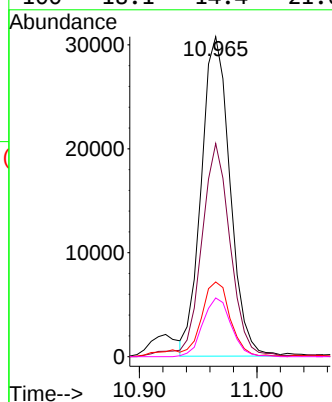
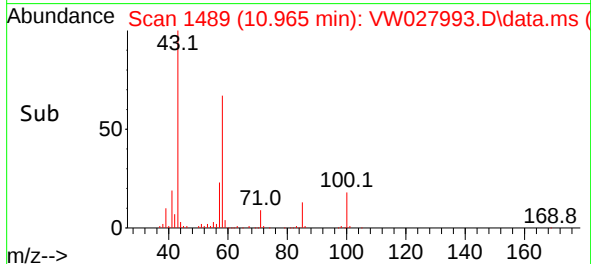


#48
2-Hexanone
Concen: 58.903 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Instrument :
MSVOA_W
ClientSampleId :

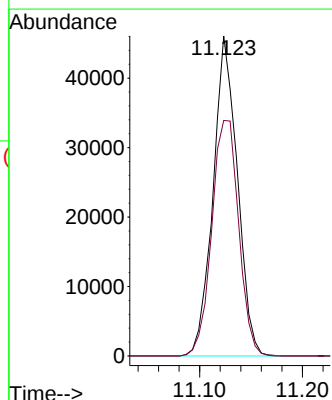
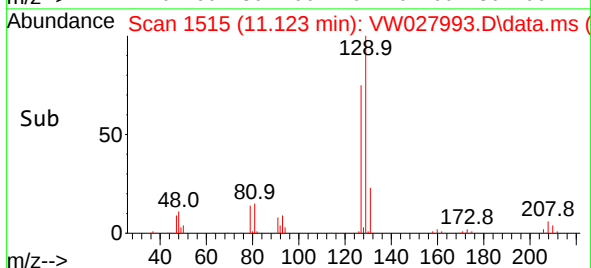
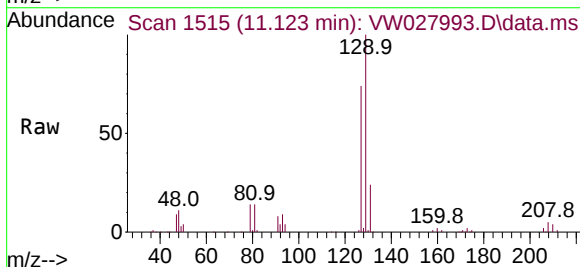


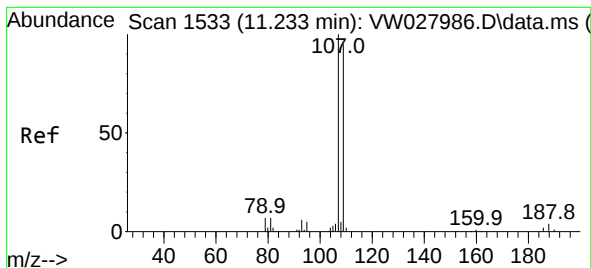
Tgt Ion: 43 Resp: 52271
Ion Ratio Lower Upper
43 100
58 64.3 51.4 77.2
57 22.8 17.4 26.2
100 18.1 14.4 21.6



#49
Dibromochloromethane
Concen: 26.934 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Tgt Ion:129 Resp: 75443
Ion Ratio Lower Upper
129 100
127 73.6 49.6 92.0

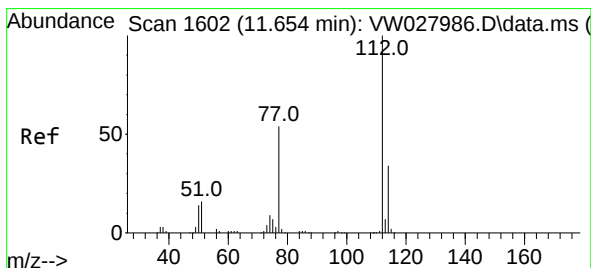
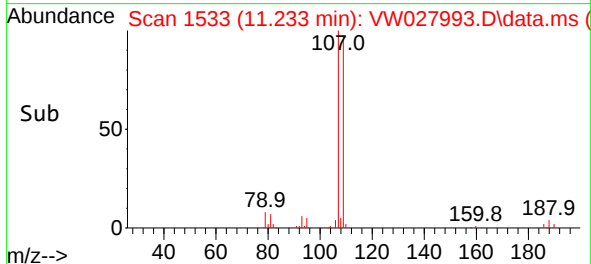
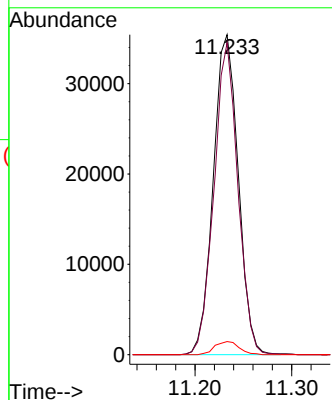
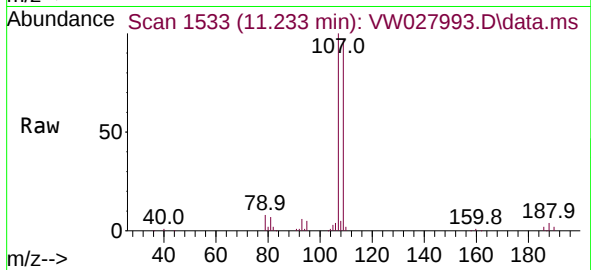




#50
1,2-Dibromoethane
Concen: 27.680 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

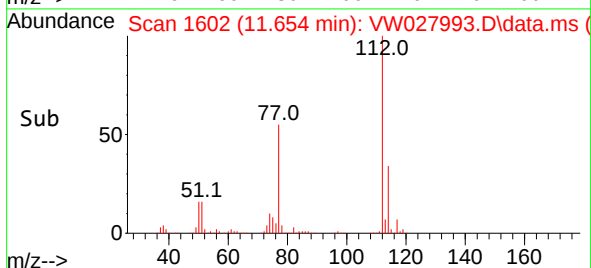
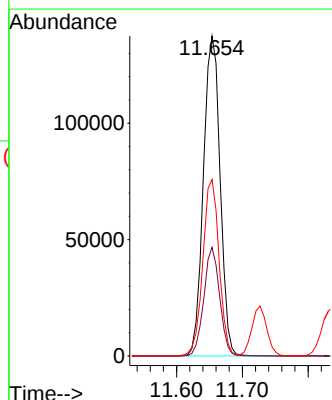
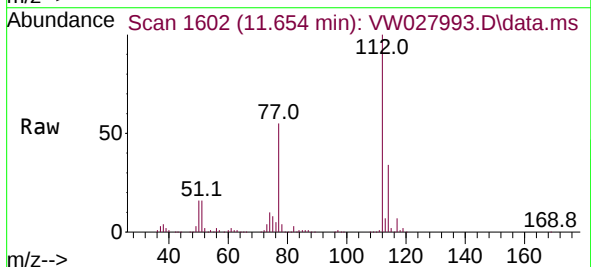
Instrument :
MSVOA_W
ClientSampleId :

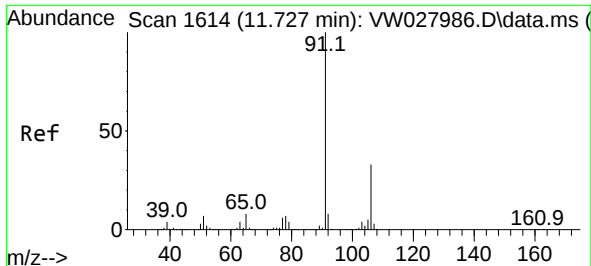
Tgt Ion:107 Resp: 63481
Ion Ratio Lower Upper
107 100
109 97.4 71.2 132.2
188 4.1 3.1 4.7



#51
Chlorobenzene
Concen: 24.641 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Tgt Ion:112 Resp: 242729
Ion Ratio Lower Upper
112 100
114 33.9 22.7 42.3
77 55.2 42.6 64.0

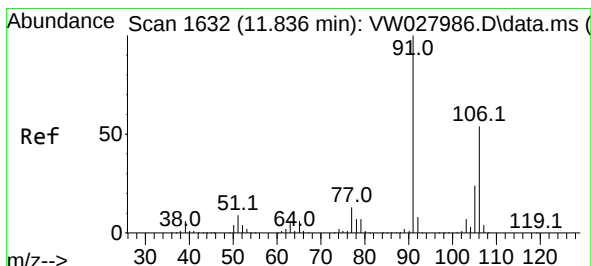
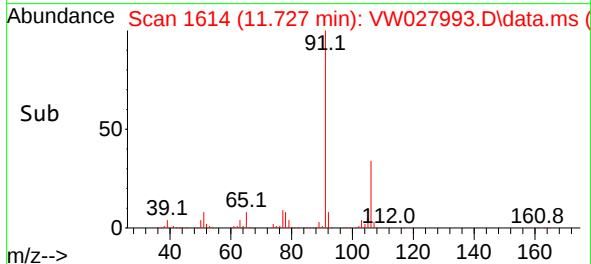
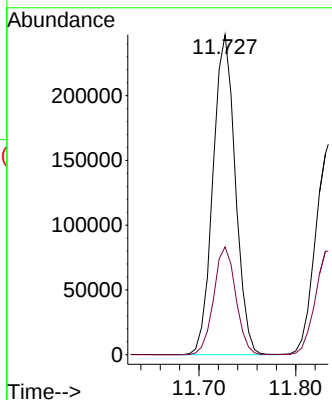
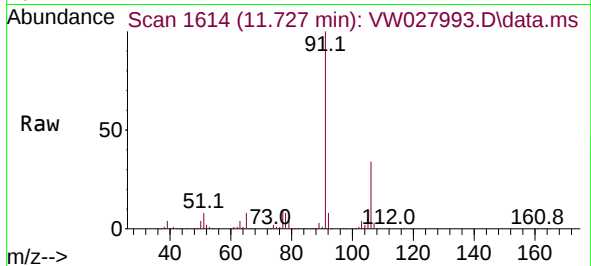




#52
Ethylbenzene
Concen: 23.758 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

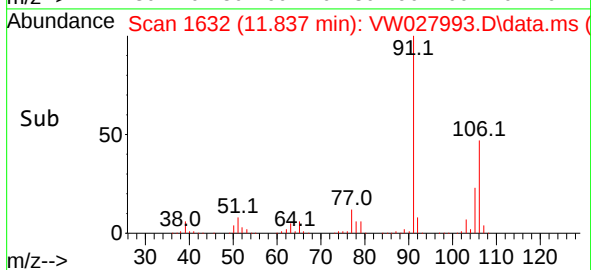
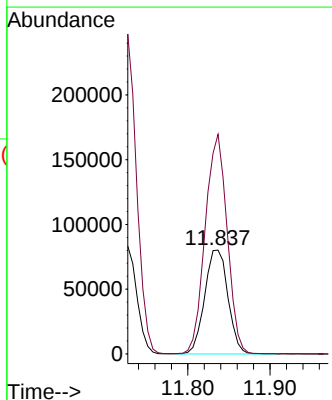
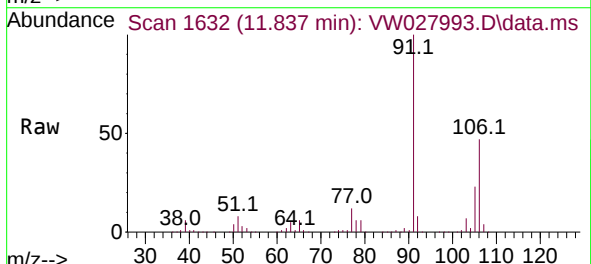
Instrument :
MSVOA_W
ClientSampleId :

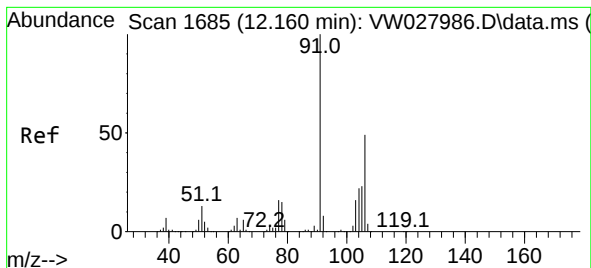
Tgt Ion: 91 Resp: 396727
Ion Ratio Lower Upper
91 100
106 33.7 22.8 42.4



#53
m,p-Xylene
Concen: 24.098 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Tgt Ion:106 Resp: 157815
Ion Ratio Lower Upper
106 100
91 211.4 130.0 241.4





#54

o-Xylene

Concen: 24.756 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Instrument :

MSVOA_W

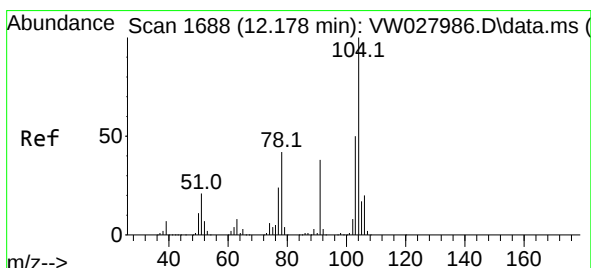
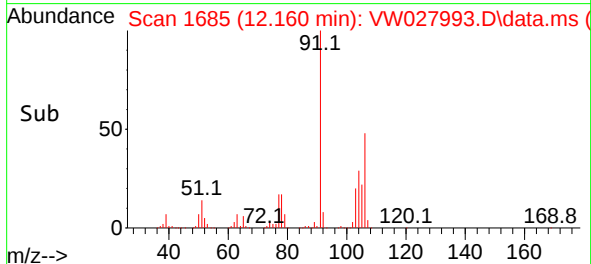
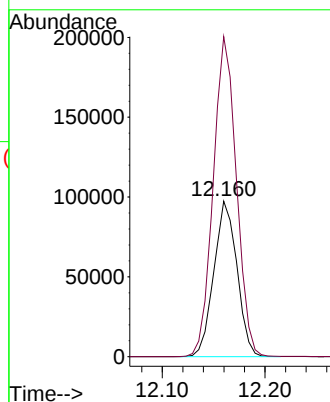
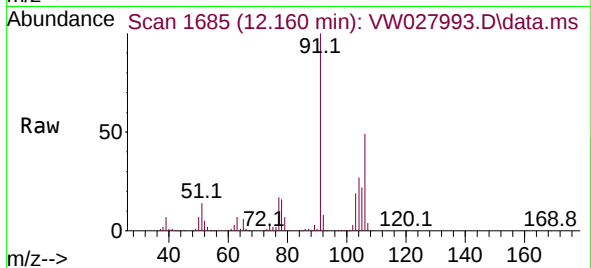
ClientSampleId :

Tgt Ion:106 Resp: 152055

Ion Ratio Lower Upper

106 100

91 205.7 146.4 272.0



#55

Styrene

Concen: 26.101 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW027993.D

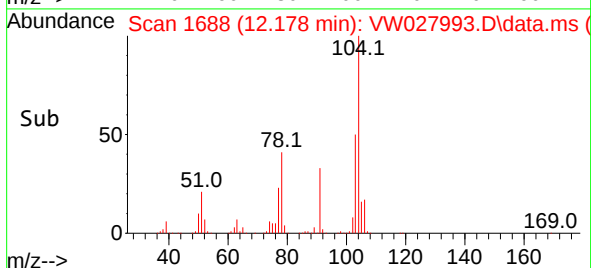
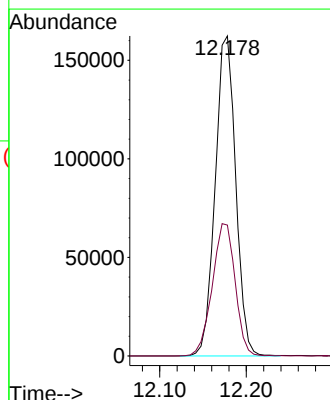
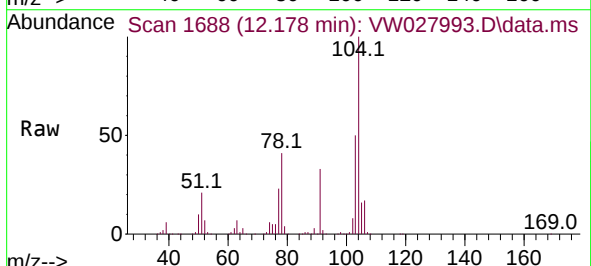
Acq: 12 Feb 2024 13:41

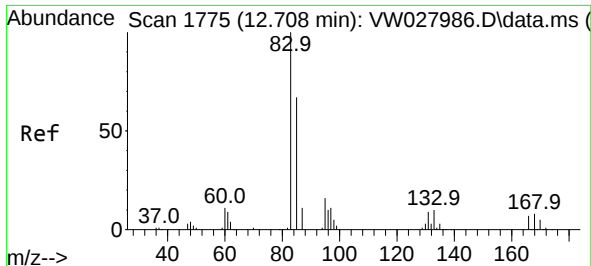
Tgt Ion:104 Resp: 267023

Ion Ratio Lower Upper

104 100

78 40.9 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 30.168 ug/L

RT: 12.709 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Instrument :

MSVOA_W

ClientSampleId :

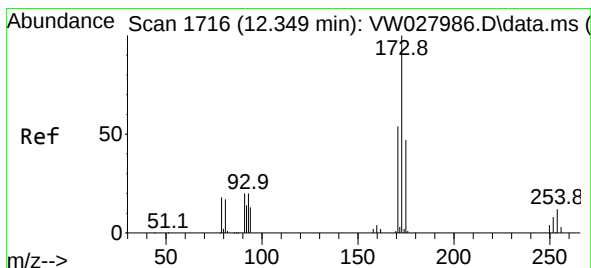
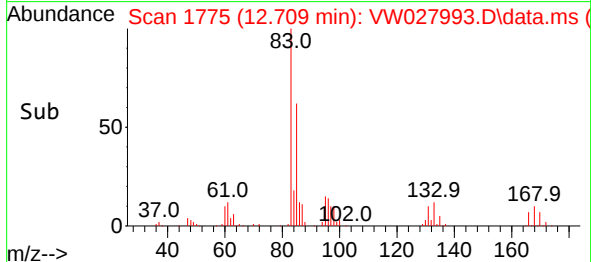
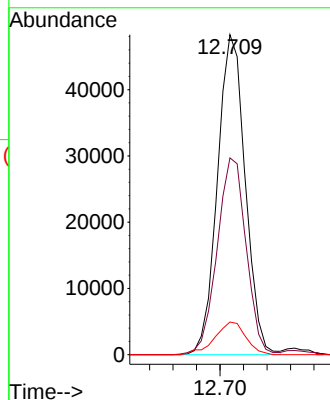
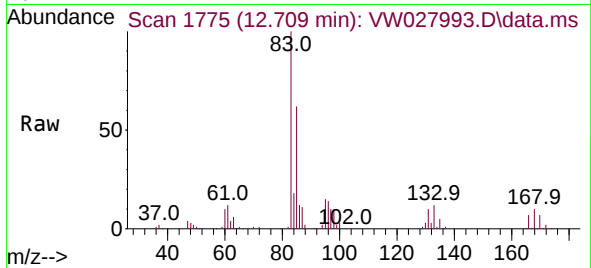
Tgt Ion: 83 Resp: 79373

Ion Ratio Lower Upper

83 100

85 61.5 42.9 79.7

131 10.2 8.7 13.1



#59

Bromoform

Concen: 28.347 ug/L

RT: 12.343 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

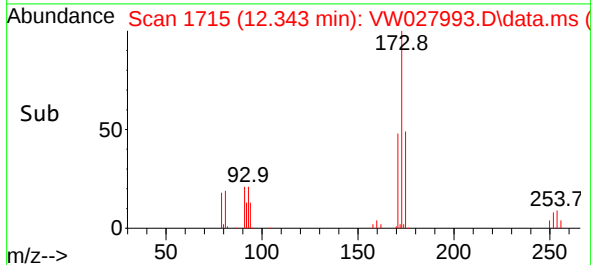
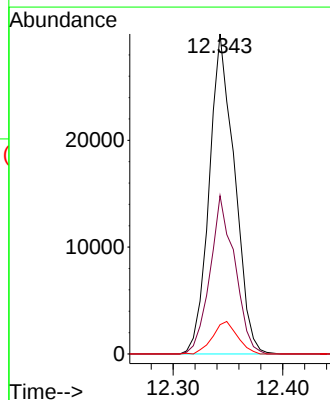
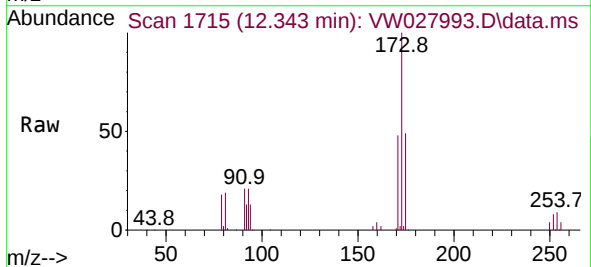
Tgt Ion:173 Resp: 47984

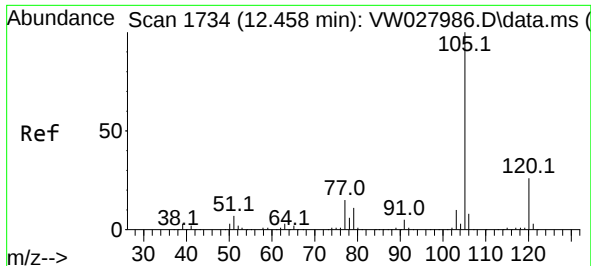
Ion Ratio Lower Upper

173 100

175 48.2 37.8 56.8

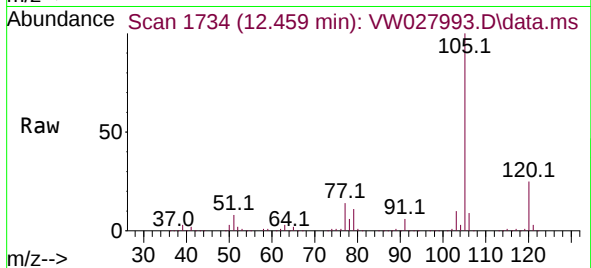
254 9.9 8.4 12.6



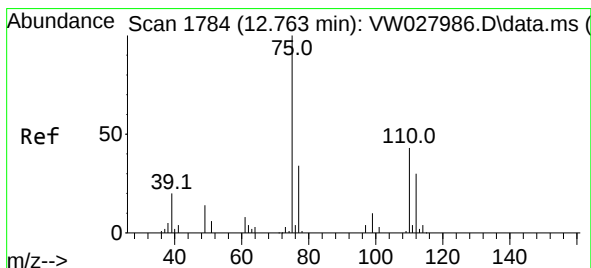
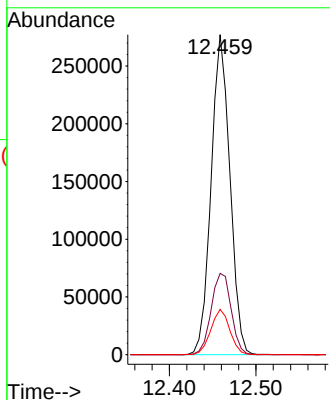
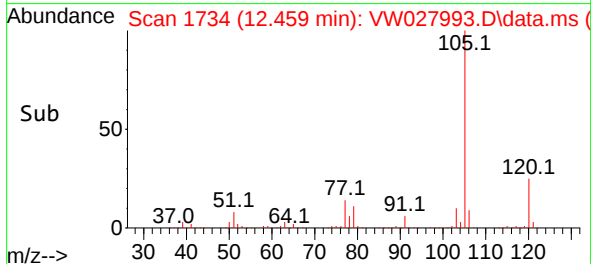


#60
Isopropylbenzene
Concen: 23.324 ug/L
RT: 12.459 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

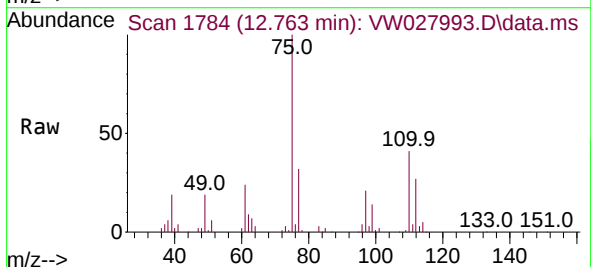
Instrument :
MSVOA_W
ClientSampleId :



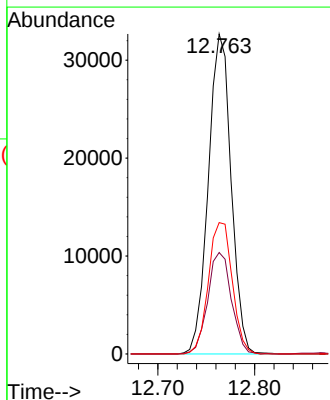
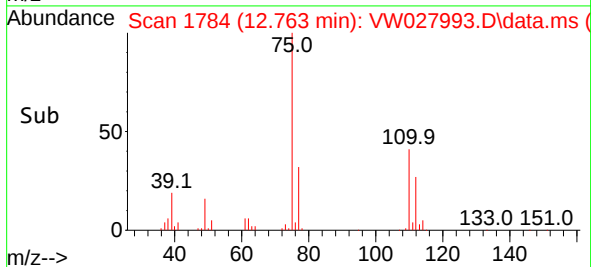
Tgt Ion:105 Resp: 417659
Ion Ratio Lower Upper
105 100
120 27.0 22.2 33.2
77 14.3 11.8 17.6

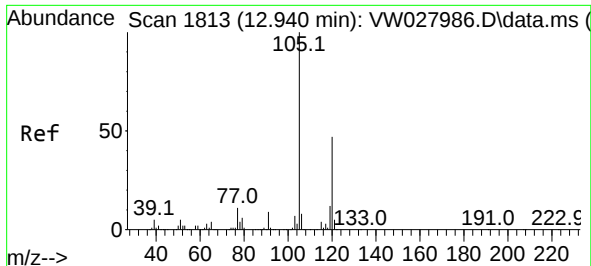


#61
1,2,3-Trichloropropane
Concen: 27.966 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41



Tgt Ion: 75 Resp: 53528
Ion Ratio Lower Upper
75 100
77 33.0 26.5 39.7
110 43.1 35.8 53.8

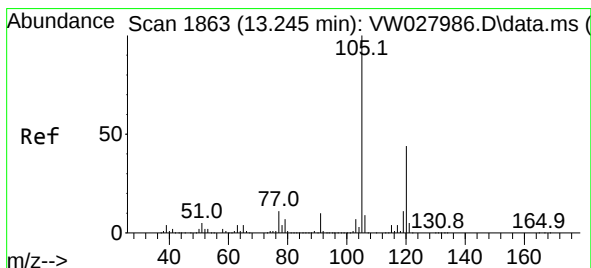
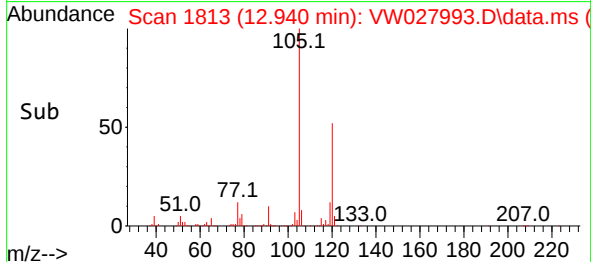
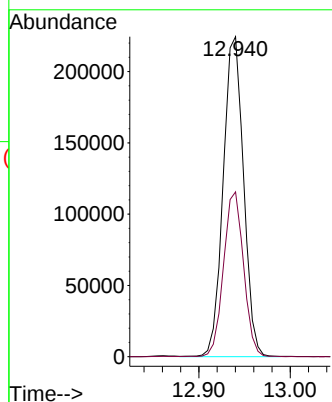
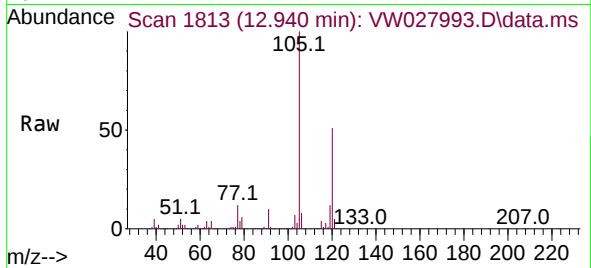




#62
1,3,5-Trimethylbenzene
Concen: 24.306 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

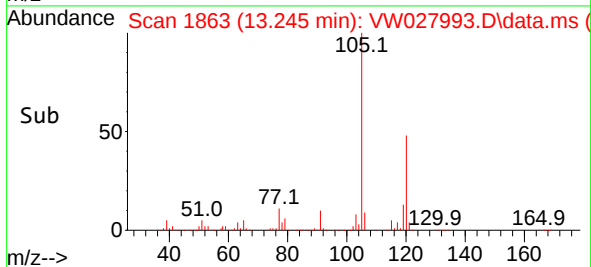
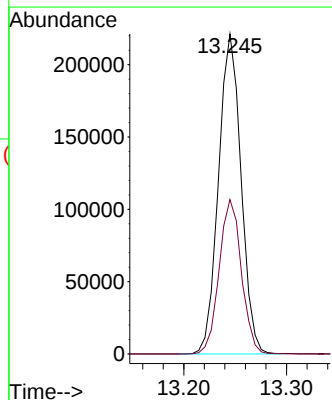
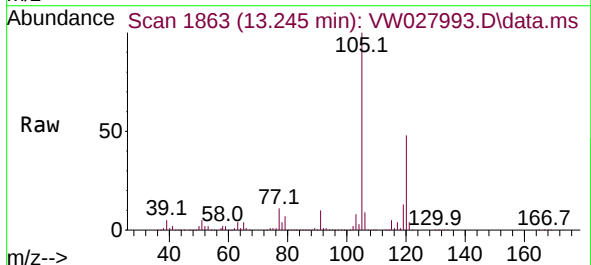
Instrument :
MSVOA_W
ClientSampleId :

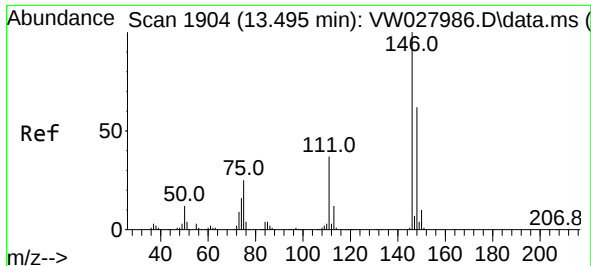
Tgt Ion:105 Resp: 348303
Ion Ratio Lower Upper
105 100
120 50.6 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 23.998 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

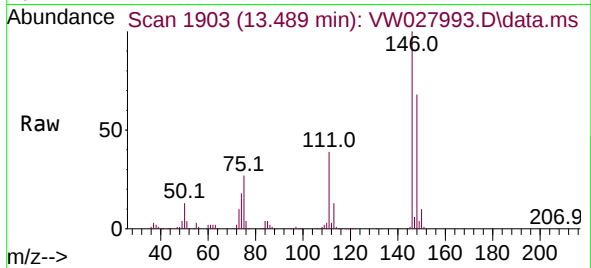
Tgt Ion:105 Resp: 336509
Ion Ratio Lower Upper
105 100
120 47.5 36.4 54.6



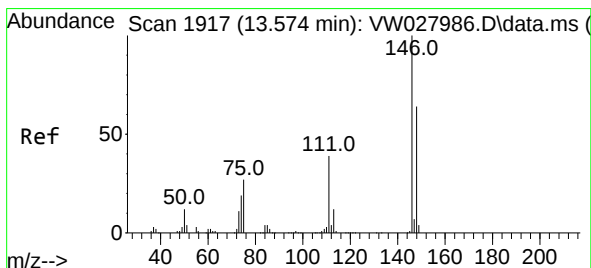
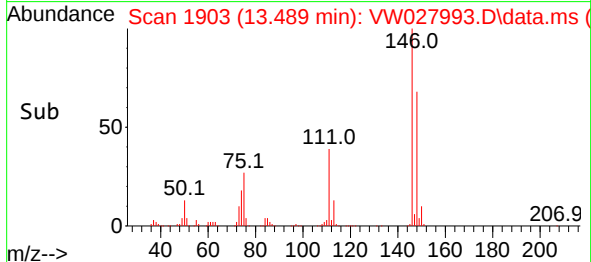
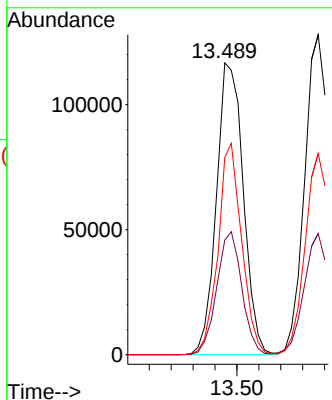


#64
1,3-Dichlorobenzene
Concen: 24.140 ug/L
RT: 13.489 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Instrument :
MSVOA_W
ClientSampleId :

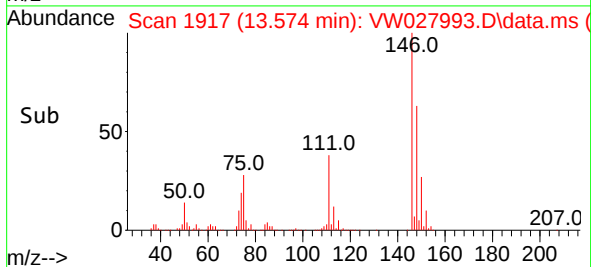
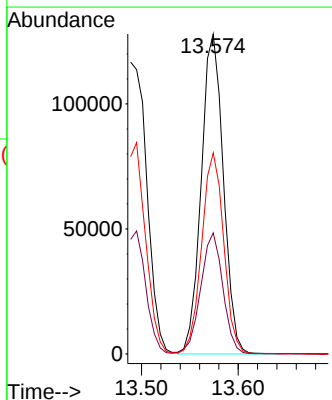
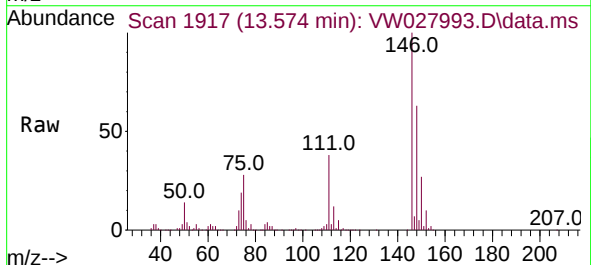


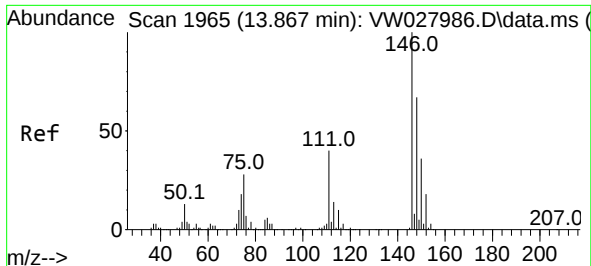
Tgt Ion:146 Resp: 198577
Ion Ratio Lower Upper
146 100
111 39.2 26.9 49.9
148 67.6 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 24.378 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW027993.D
Acq: 12 Feb 2024 13:41

Tgt Ion:146 Resp: 203890
Ion Ratio Lower Upper
146 100
111 37.9 24.1 44.8
148 62.9 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 24.160 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Instrument :

MSVOA_W

ClientSampleId :

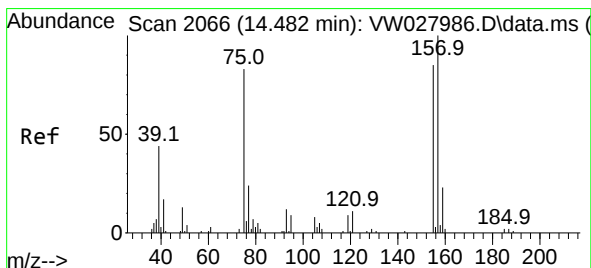
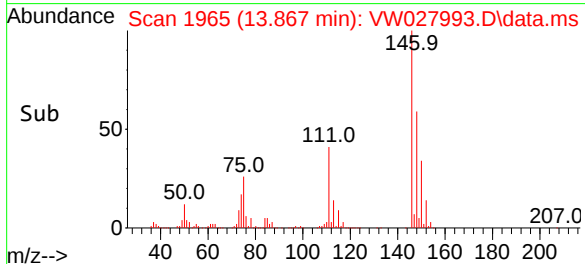
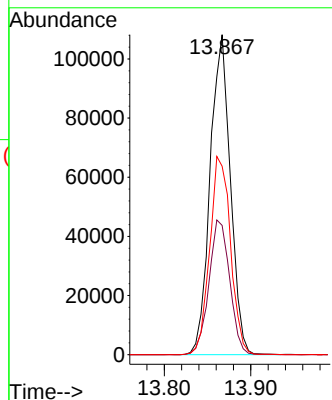
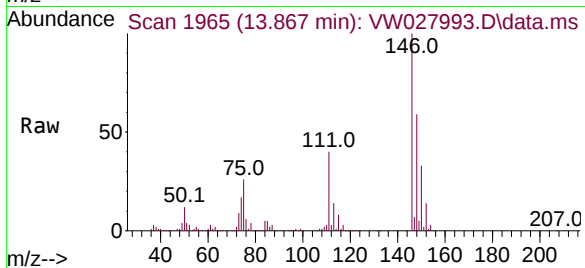
Tgt Ion:146 Resp: 175537

Ion Ratio Lower Upper

146 100

111 40.4 30.6 46.0

148 58.9 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 30.486 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

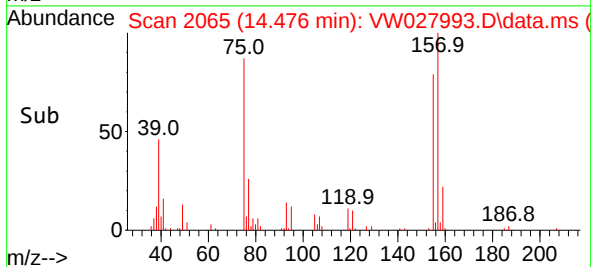
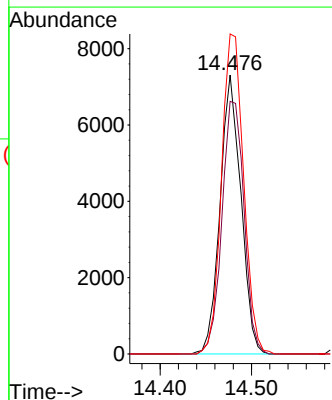
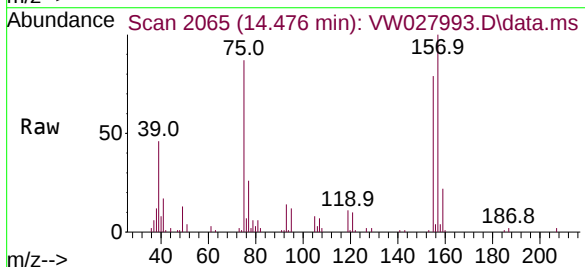
Tgt Ion: 75 Resp: 11585

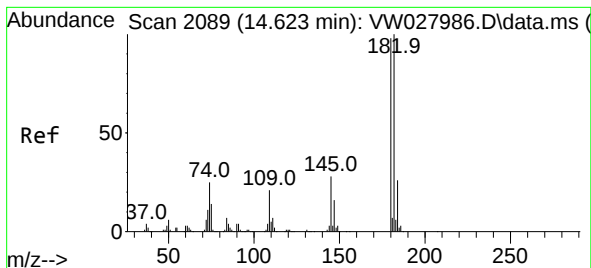
Ion Ratio Lower Upper

75 100

155 90.6 68.7 103.1

157 114.7 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 24.048 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 142049

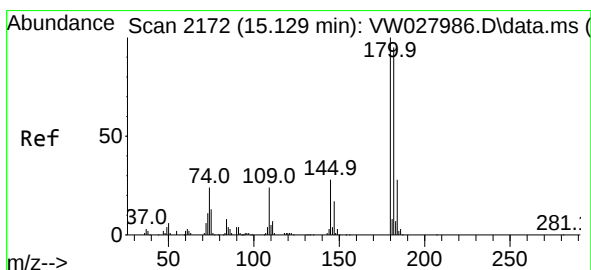
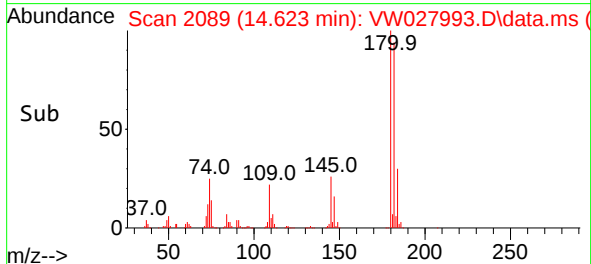
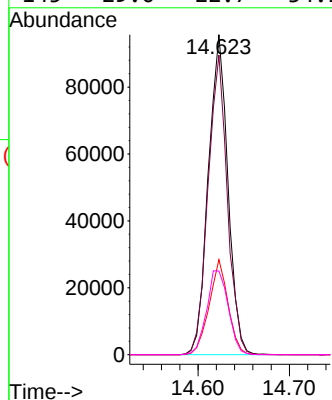
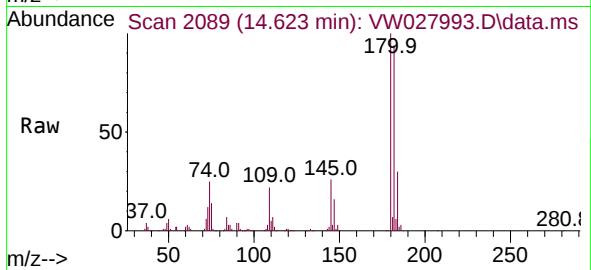
Ion Ratio Lower Upper

180 100

182 92.3 72.1 108.1

184 28.7 24.4 36.6

145 29.0 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 25.289 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

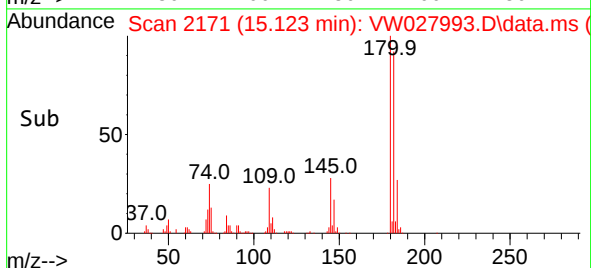
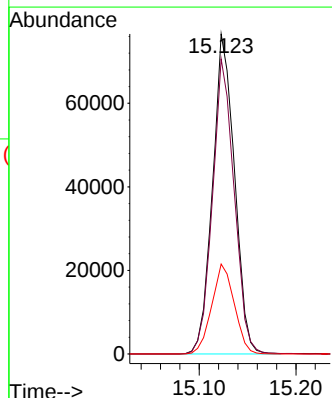
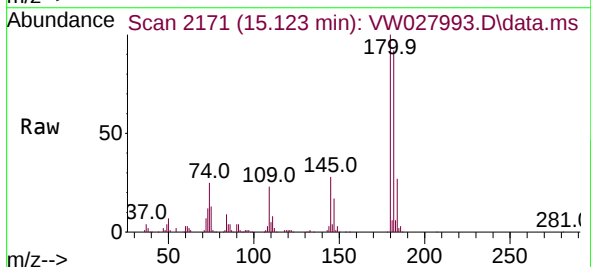
Tgt Ion:180 Resp: 120631

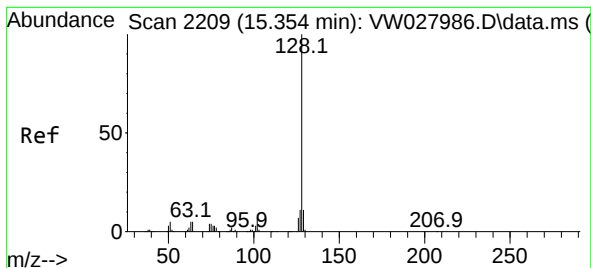
Ion Ratio Lower Upper

180 100

182 91.3 77.0 115.6

145 28.9 23.4 35.0





#71

Naphthalene

Concen: 29.257 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Instrument :

MSVOA_W

ClientSampleId :

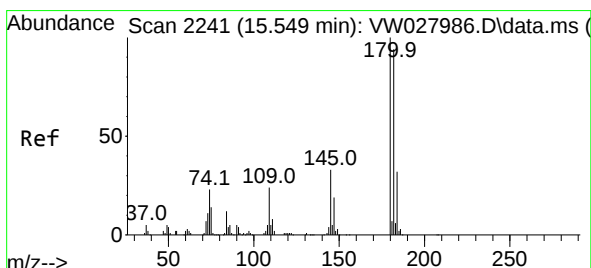
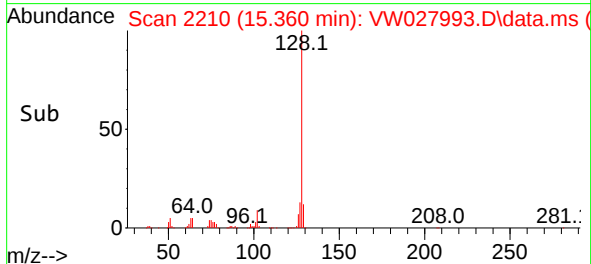
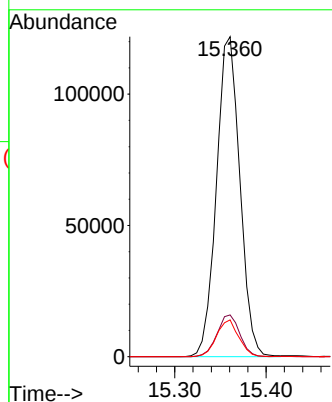
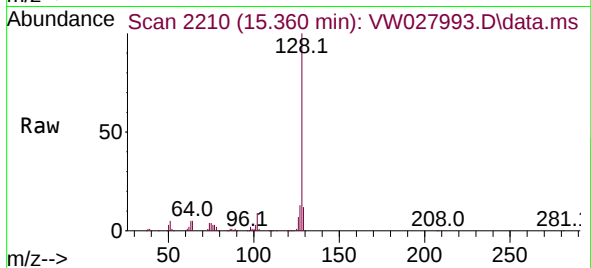
Tgt Ion:128 Resp: 216863

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 27.614 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW027993.D

Acq: 12 Feb 2024 13:41

Tgt Ion:180 Resp: 109897

Ion Ratio Lower Upper

180 100

182 92.8 76.5 114.7

145 32.1 25.8 38.8

