

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022824\
 Data File : VW028080.D
 Acq On : 28 Feb 2024 17:16
 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 28 23:31:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 28 23:27:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	250791	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232925	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	126521	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	43475	14.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.200%
7) Chloroethane-d5	2.899	69	42761	19.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.760%
11) 1,1-Dichloroethene-d2	4.021	65	21624	17.205	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.840%
21) 2-Butanone-d5	7.075	46	30796	67.476	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.960%
24) Chloroform-d	7.648	84	130332	22.226	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.920%
26) 1,2-Dichloroethane-d4	8.307	65	63291	23.897	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	8.270	84	244750	19.640	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.560%
36) 1,2-Dichloropropane-d6	9.276	67	70152	20.762	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	83.040%
41) Toluene-d8	10.319	98	233332	19.568	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.280%
43) trans-1,3-Dichloroprop...	10.575	79	31151	22.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.680%
47) 2-Hexanone-d5	10.922	63	30138	65.574	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.140%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	69882	27.671	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	93635	21.774	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	39908	18.479	ug/L	100
3) Chloromethane	2.222	50	41278	17.404	ug/L	100
5) Vinyl chloride	2.375	62	63076	19.621	ug/L	99
6) Bromomethane	2.789	94	50557	22.257	ug/L	99
8) Chloroethane	2.936	64	43320	23.850	ug/L	93
9) Trichlorofluoromethane	3.265	101	61198	20.947	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	67211	22.823	ug/L	96
12) 1,1-Dichloroethene	4.051	96	62361	22.764	ug/L	81
13) Acetone	4.118	43	27023	60.890	ug/L	97
14) Carbon disulfide	4.393	76	149165	18.392	ug/L	99
15) Methyl Acetate	4.673	43	22625	30.623	ug/L	99
16) Methylene chloride	4.923	84	74508	23.769	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	66799	22.695	ug/L	96
18) Methyl tert-butyl Ether	5.429	73	100434	28.784	ug/L	99
19) 1,1-Dichloroethane	6.222	63	117391	24.552	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	79516	25.584	ug/L	97
22) 2-Butanone	7.167	43	33653	65.691	ug/L	99
23) Bromochloromethane	7.514	128	37396	27.087	ug/L	80
25) Chloroform	7.679	83	134948	26.254	ug/L	96

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 Response via : Initial Calibration

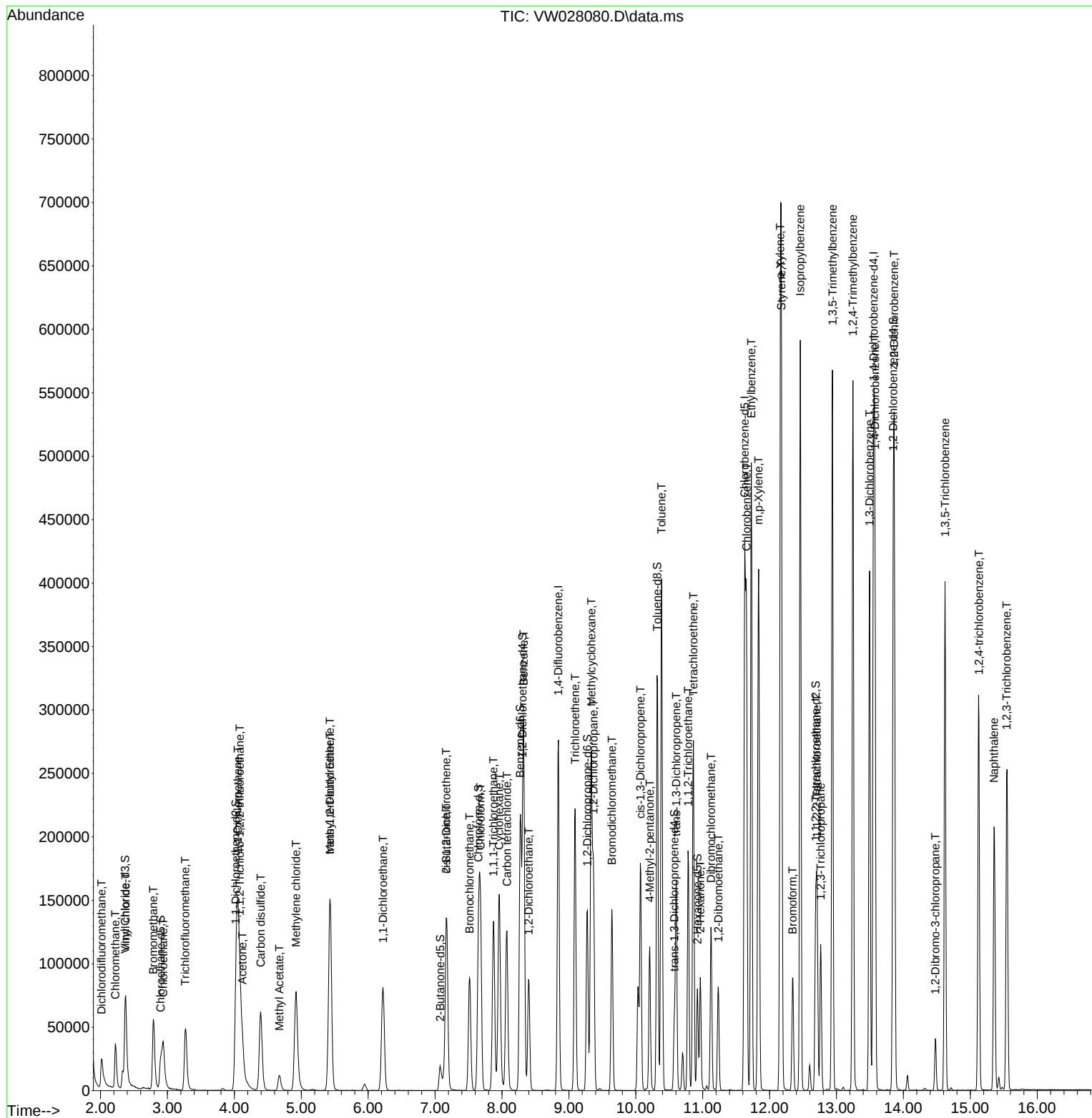
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	82394	28.784	ug/L	95
29) Cyclohexane	7.959	56	87019	20.960	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	112500	25.020	ug/L	100
31) Carbon tetrachloride	8.075	117	105658	25.400	ug/L	97
33) Benzene	8.325	78	270465	23.248	ug/L	100
34) Trichloroethene	9.093	95	76915	23.030	ug/L	97
35) Methylcyclohexane	9.337	83	118323	21.530	ug/L	99
37) 1,2-Dichloropropane	9.367	63	66725	24.408	ug/L	99
38) Bromodichloromethane	9.642	83	97965	26.846	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	112681	25.716	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	65955	63.920	ug/L	99
42) Toluene	10.386	91	308954	23.686	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	96280	27.684	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	60585	27.999	ug/L	96
46) Tetrachloroethene	10.861	164	64517	22.958	ug/L	92
48) 2-Hexanone	10.965	43	50470	64.578	ug/L	99
49) Dibromochloromethane	11.123	129	69736	28.269	ug/L	92
50) 1,2-Dibromoethane	11.233	107	57074	28.258	ug/L	94
51) Chlorobenzene	11.654	112	217389	25.058	ug/L	99
52) Ethylbenzene	11.727	91	358734	24.393	ug/L	100
53) m,p-Xylene	11.837	106	142600	24.724	ug/L	88
54) o-Xylene	12.160	106	133130	24.611	ug/L	94
55) Styrene	12.178	104	231807	25.728	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	70843	30.573	ug/L	100
59) Bromoform	12.343	173	42447	28.424	ug/L	97
60) Isopropylbenzene	12.458	105	388263	24.578	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	49455	29.289	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	306800	24.269	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	310951	25.137	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	176601	24.335	ug/L	90
65) 1,4-Dichlorobenzene	13.574	146	180252	24.429	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	161002	25.119	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	10673	31.837	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	128266	24.614	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	99829	23.723	ug/L	93
71) Naphthalene	15.354	128	192202	29.393	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	93946	26.758	ug/L	98

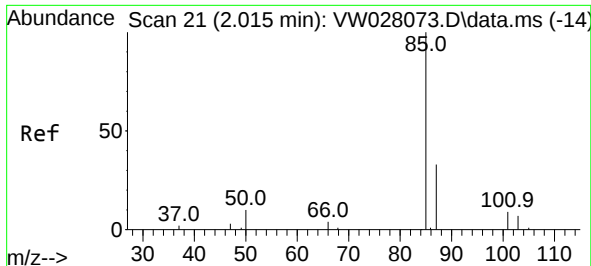
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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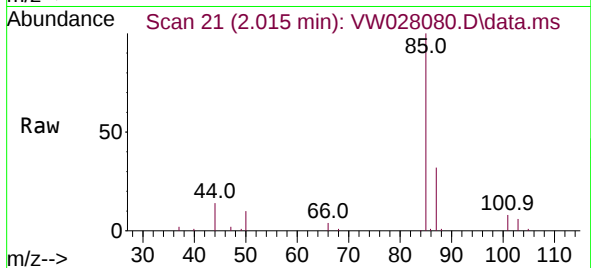
Quant Time: Feb 28 23:31:26 2024
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Quant Title : SFAM01.0
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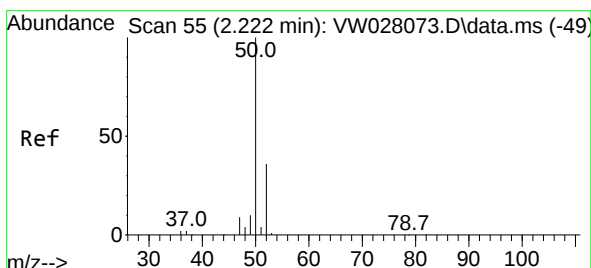
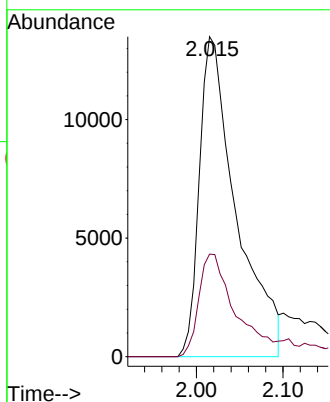
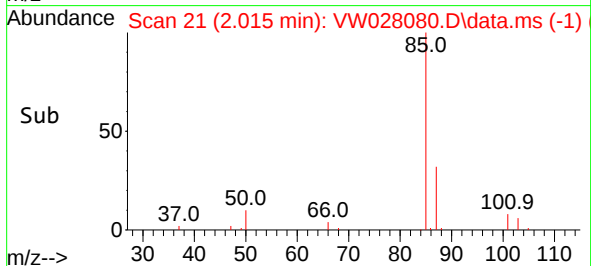


#2
 Dichlorodifluoromethane
 Concen: 18.479 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028080.D
 Acq: 28 Feb 2024 17:16

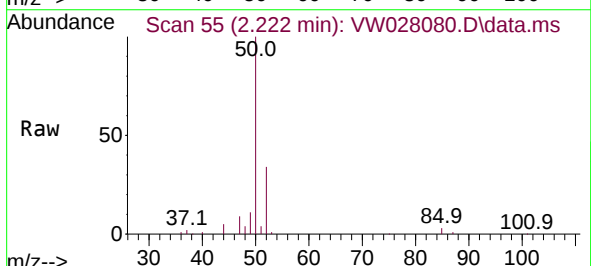
Instrument :
 MSVOA_W
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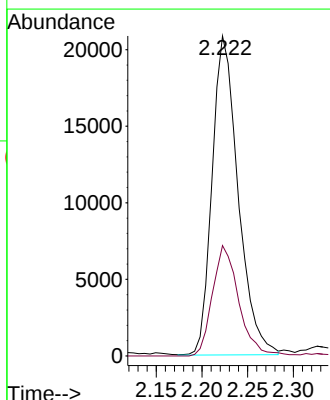
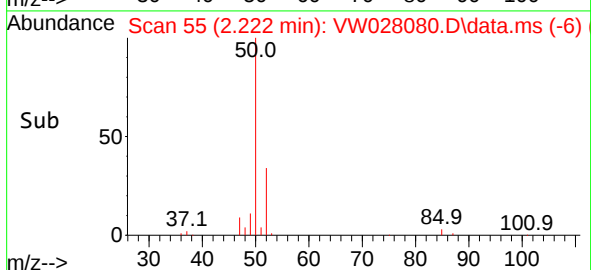
Tgt Ion: 85 Resp: 39908
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.3 37.9

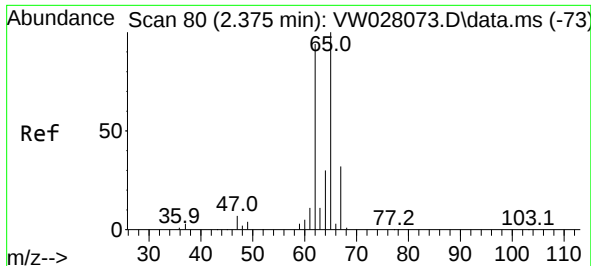


#3
 Chloromethane
 Concen: 17.404 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028080.D
 Acq: 28 Feb 2024 17:16



Tgt Ion: 50 Resp: 41278
 Ion Ratio Lower Upper
 50 100
 52 34.5 24.3 45.1

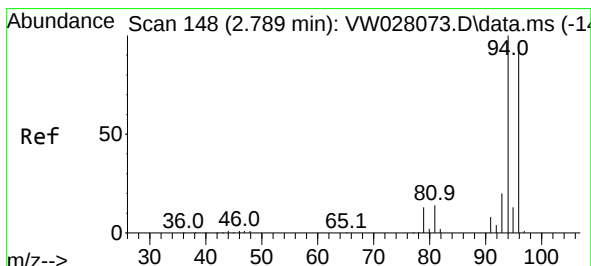
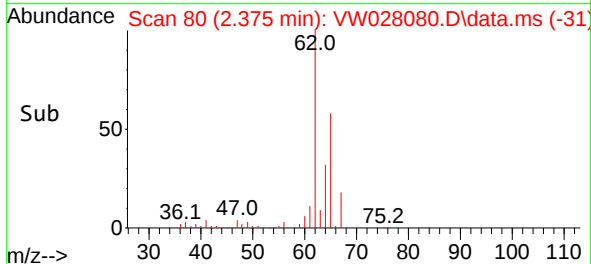
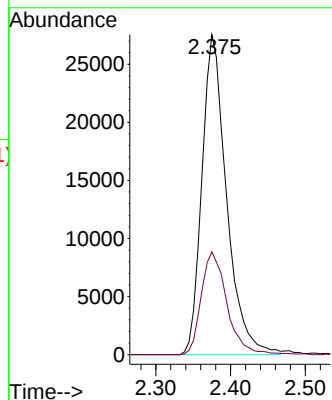
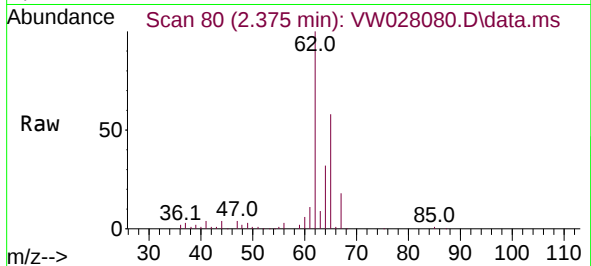




#5
 Vinyl chloride
 Concen: 19.621 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028080.D
 Acq: 28 Feb 2024 17:16

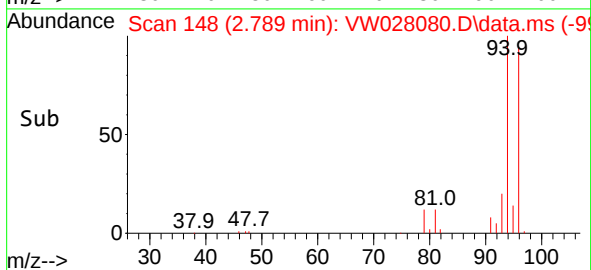
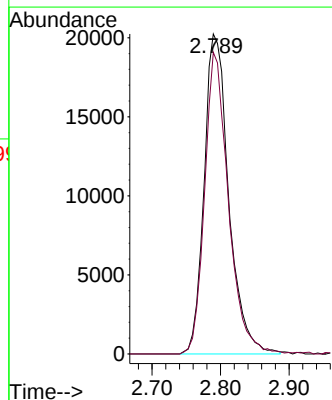
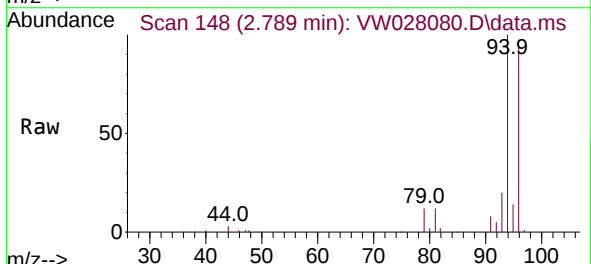
Instrument :
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 ClientSampleId :

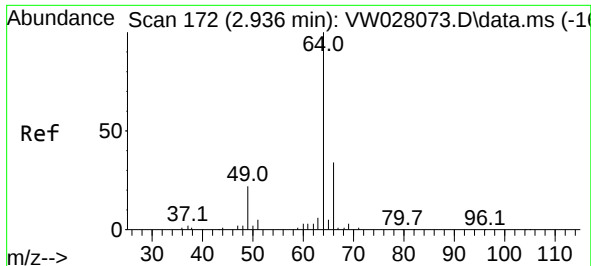
Tgt Ion: 62 Resp: 63076
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.0 42.6



#6
 Bromomethane
 Concen: 22.257 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028080.D
 Acq: 28 Feb 2024 17:16

Tgt Ion: 94 Resp: 50557
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.3 121.3





#8

Chloroethane

Concen: 23.850 ug/L

RT: 2.936 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

Instrument :

MSVOA_W

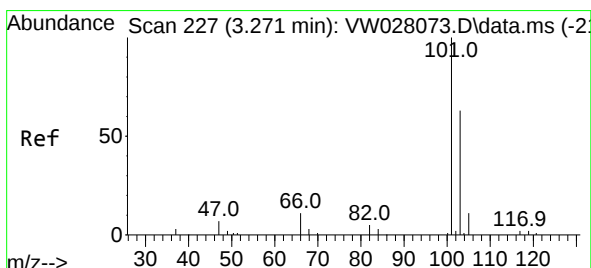
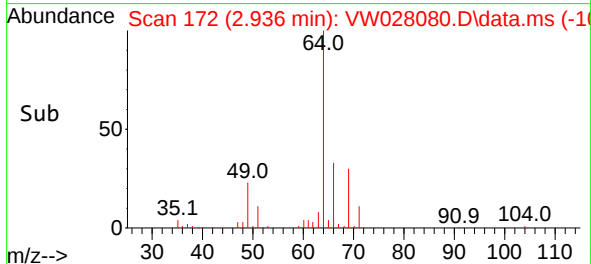
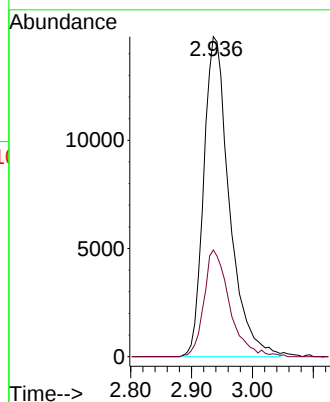
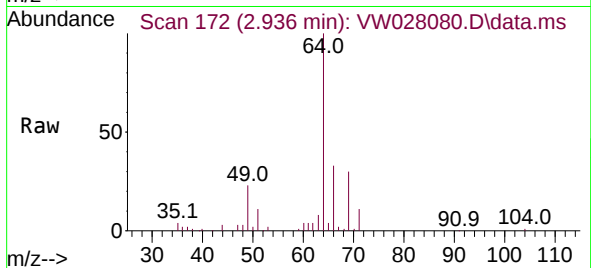
ClientSampleId :

Tgt Ion: 64 Resp: 43320

Ion Ratio Lower Upper

64 100

66 33.4 20.9 38.7



#9

Trichlorofluoromethane

Concen: 20.947 ug/L

RT: 3.265 min Scan# 226

Delta R.T. -0.006 min

Lab File: VW028080.D

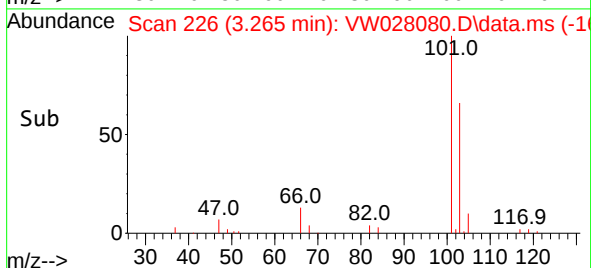
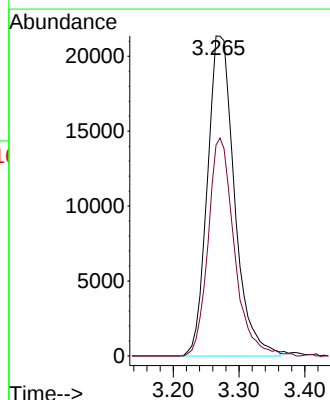
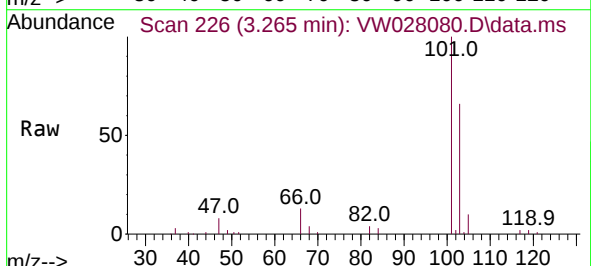
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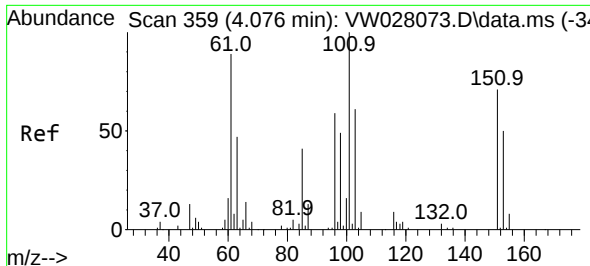
Tgt Ion:101 Resp: 61198

Ion Ratio Lower Upper

101 100

103 65.7 51.6 77.4

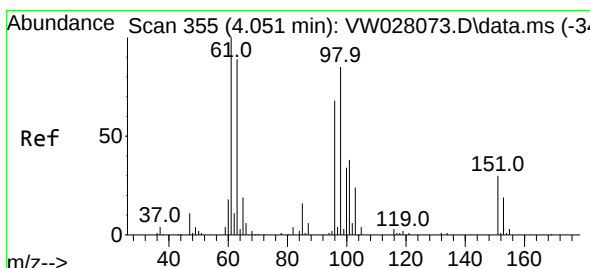
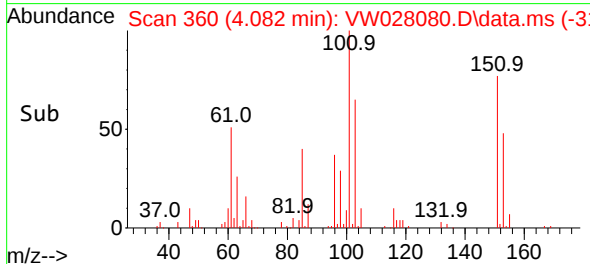
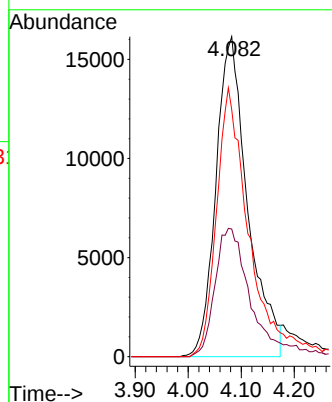
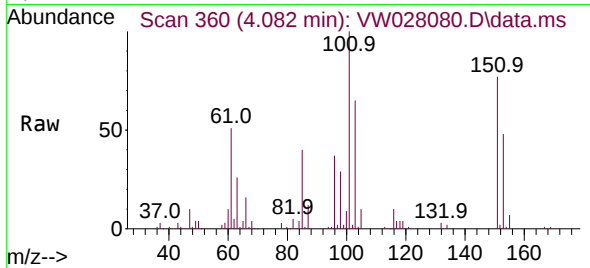




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.823 ug/L
 RT: 4.082 min Scan# 360
 Delta R.T. 0.006 min
 Lab File: VW028080.D
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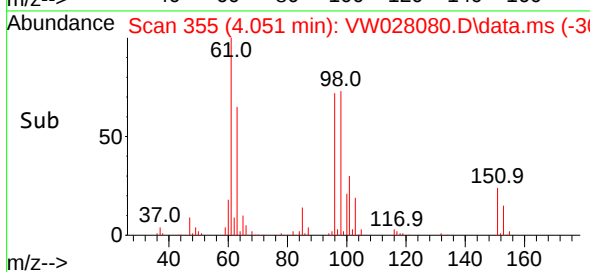
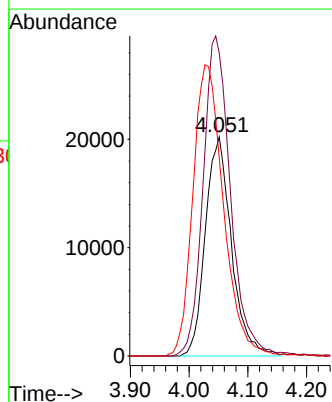
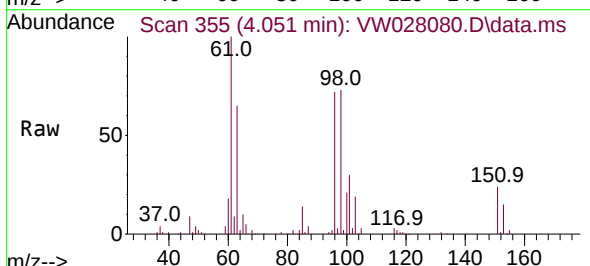
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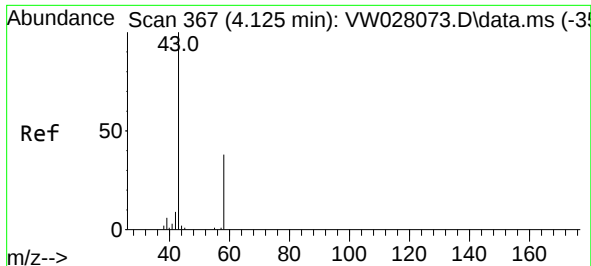
Tgt Ion:101 Resp: 67211
 Ion Ratio Lower Upper
 101 100
 85 43.8 33.8 50.6
 151 81.9 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 22.764 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. -0.000 min
 Lab File: VW028080.D
 Acq: 28 Feb 2024 17:16

Tgt Ion: 96 Resp: 62361
 Ion Ratio Lower Upper
 96 100
 61 138.2 107.4 199.4
 63 90.5 86.0 159.6





#13

Acetone

Concen: 60.890 ug/L

RT: 4.118 min Scan# 366

Delta R.T. -0.006 min

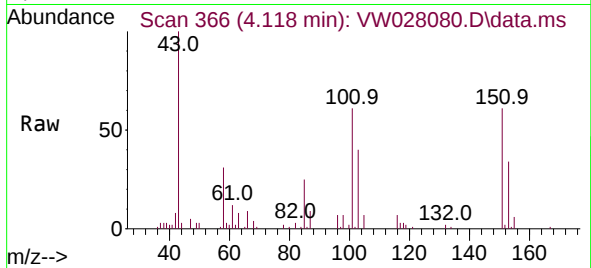
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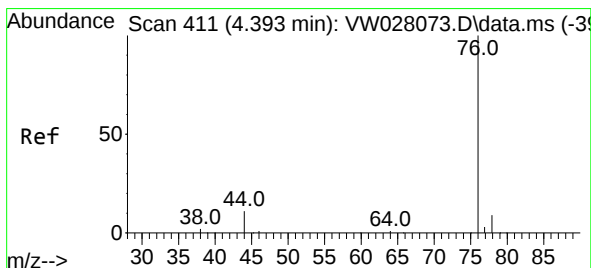
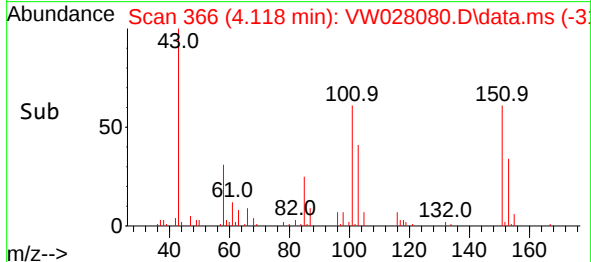
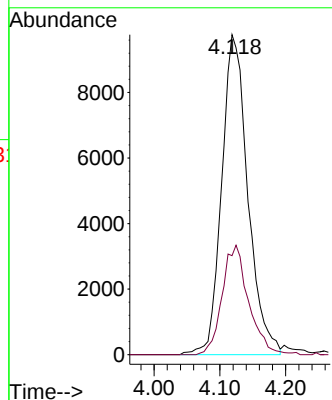


Tgt Ion: 43 Resp: 27023

Ion Ratio Lower Upper

43 100

58 34.5 0.0 66.0



#14

Carbon disulfide

Concen: 18.392 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW028080.D

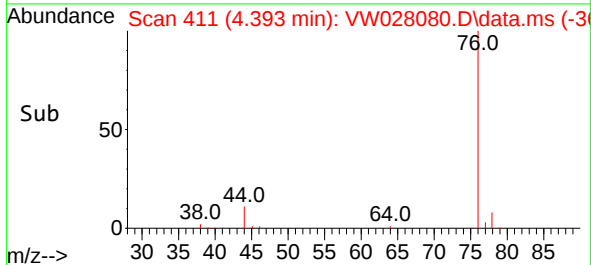
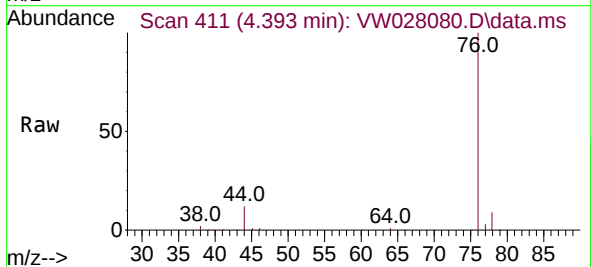
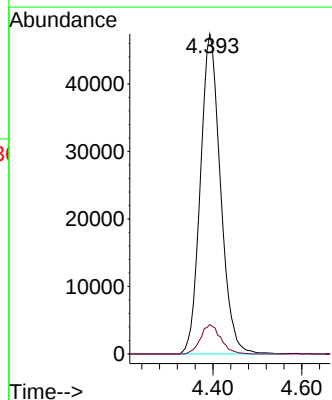
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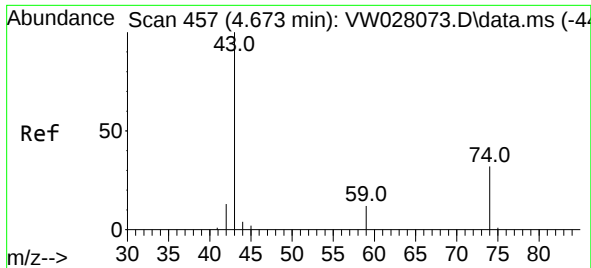
Tgt Ion: 76 Resp: 149165

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

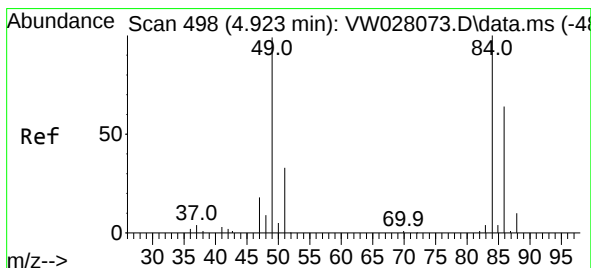
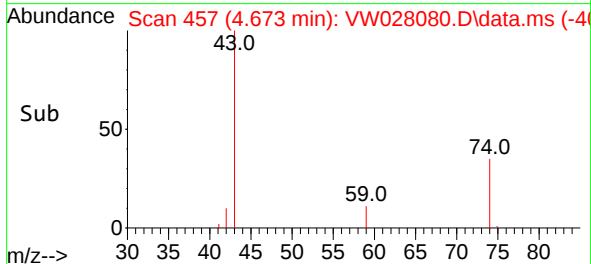
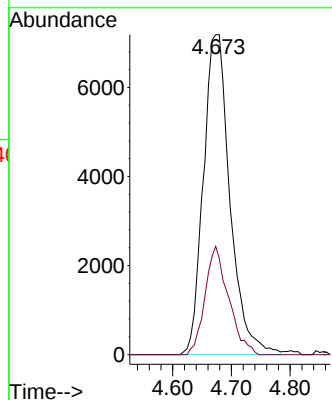
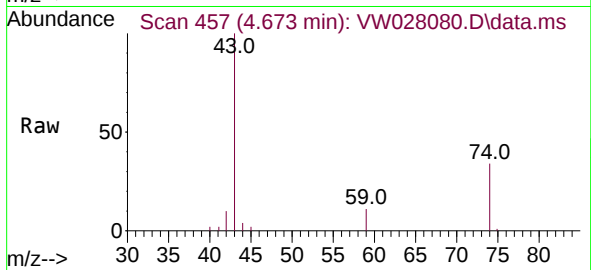




#15
Methyl Acetate
Concen: 30.623 ug/L
RT: 4.673 min Scan# 457
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

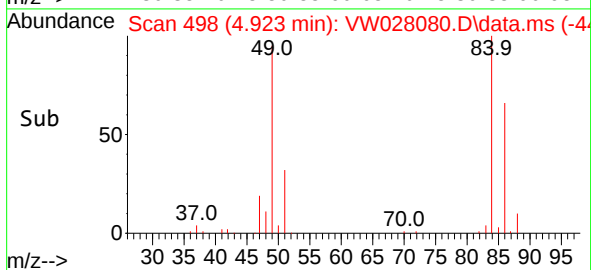
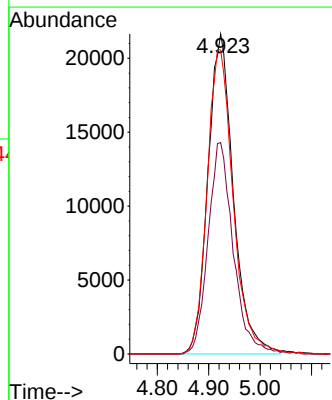
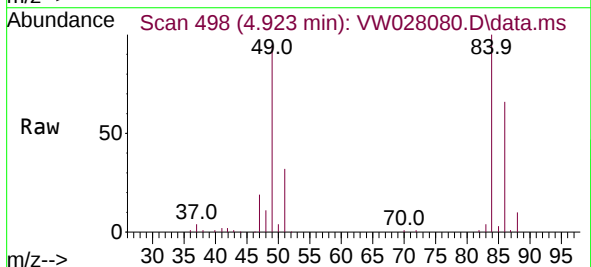
Instrument :
MSVOA_W
ClientSampleId :

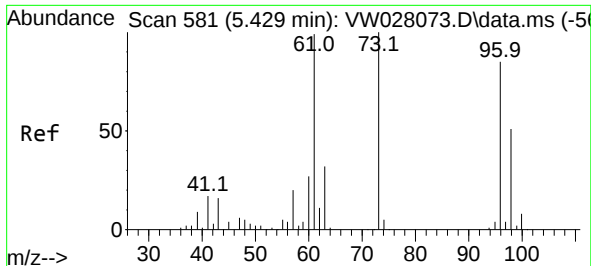
Tgt Ion: 43 Resp: 22625
Ion Ratio Lower Upper
43 100
74 29.9 24.2 36.2



#16
Methylene chloride
Concen: 23.769 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

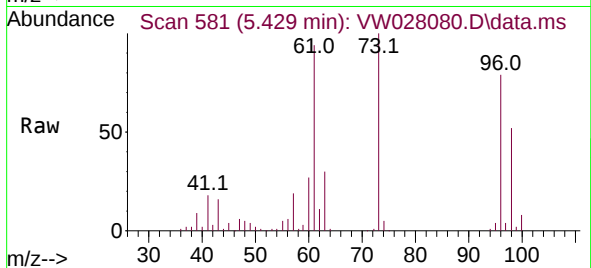
Tgt Ion: 84 Resp: 74508
Ion Ratio Lower Upper
84 100
86 66.0 45.4 84.4
49 95.0 66.3 123.1





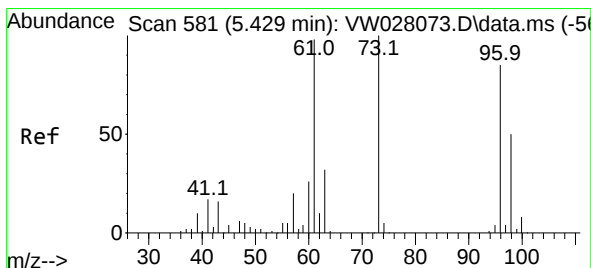
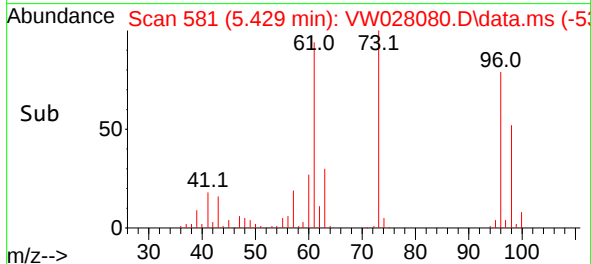
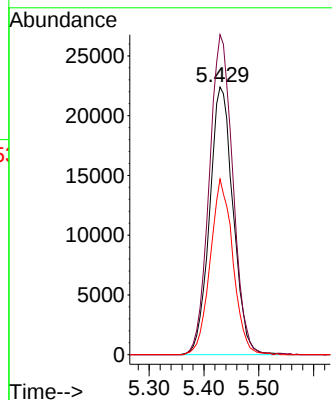
#17
trans-1,2-Dichloroethene
Concen: 22.695 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 66799

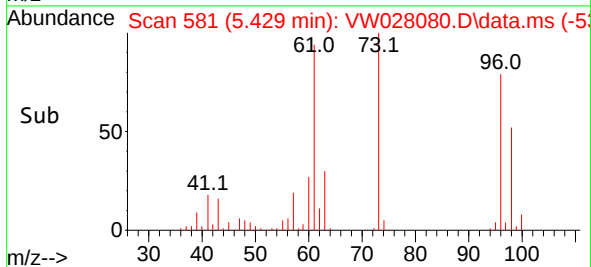
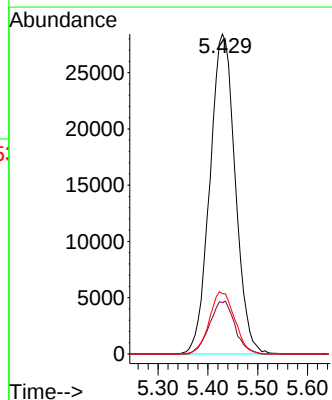
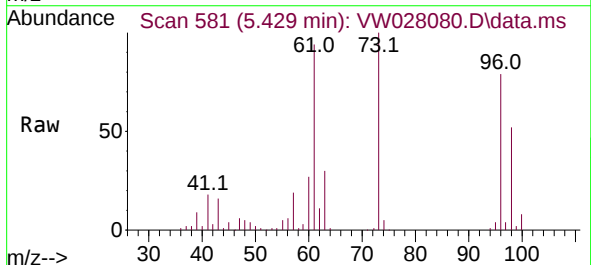
Ion	Ratio	Lower	Upper
96	100		
61	119.5	80.1	148.7
98	65.6	43.8	81.4

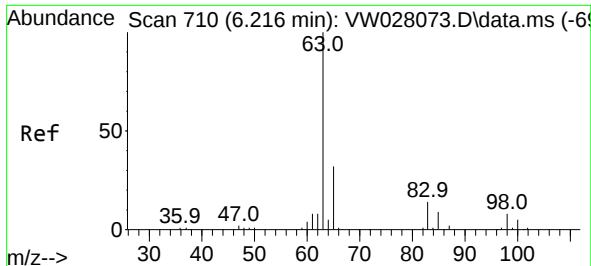


#18
Methyl tert-butyl Ether
Concen: 28.784 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Tgt Ion: 73 Resp: 100434

Ion	Ratio	Lower	Upper
73	100		
43	16.5	13.4	20.0
57	19.5	16.3	24.5

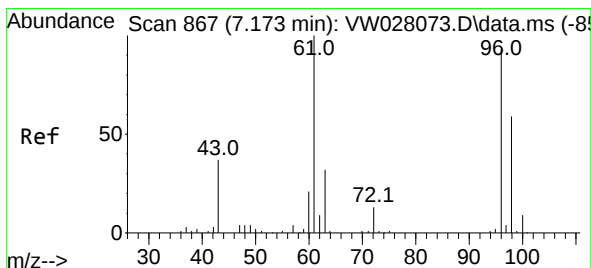
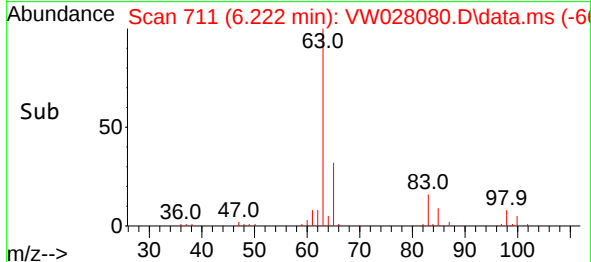
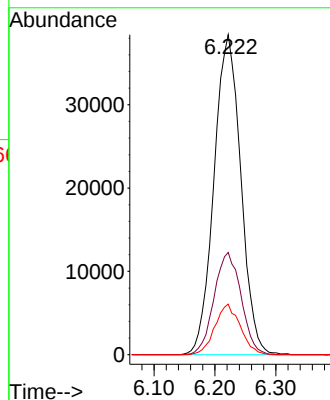
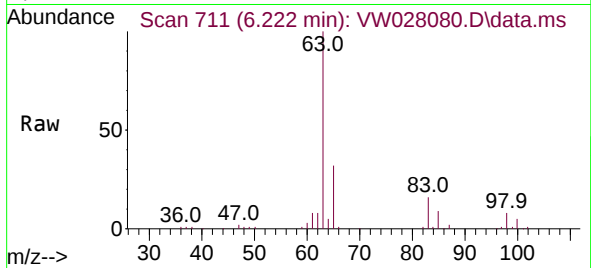




#19
1,1-Dichloroethane
Concen: 24.552 ug/L
RT: 6.222 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

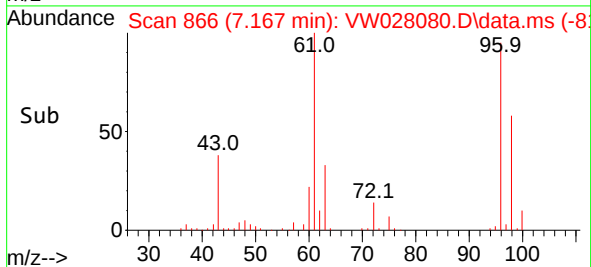
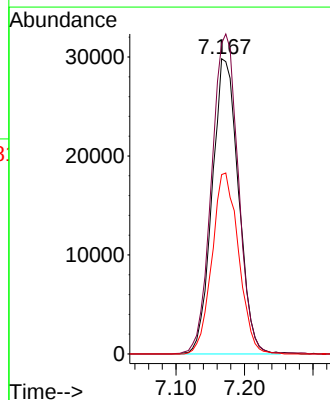
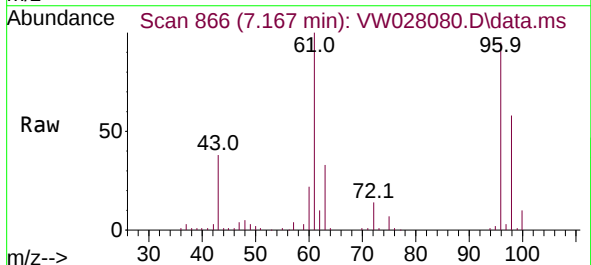
Instrument :
MSVOA_W
ClientSampleId :

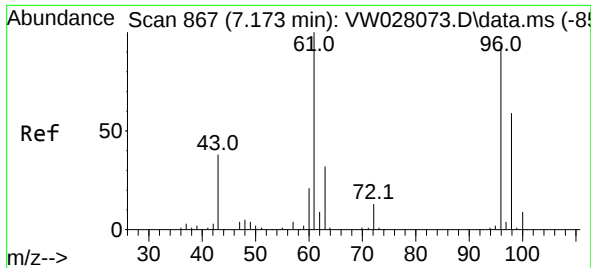
Tgt Ion: 63 Resp: 117391
Ion Ratio Lower Upper
63 100
65 31.9 23.1 42.9
83 15.8 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 25.584 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Tgt Ion: 96 Resp: 79516
Ion Ratio Lower Upper
96 100
61 105.2 76.3 141.7
98 60.8 42.9 79.7

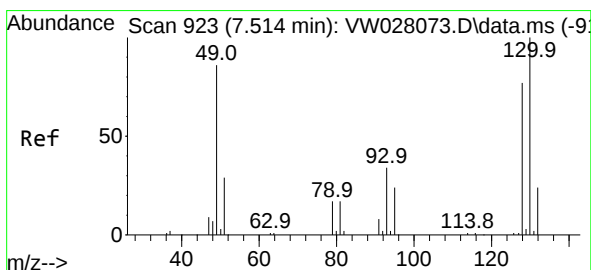
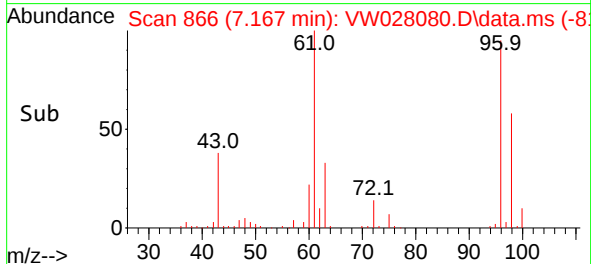
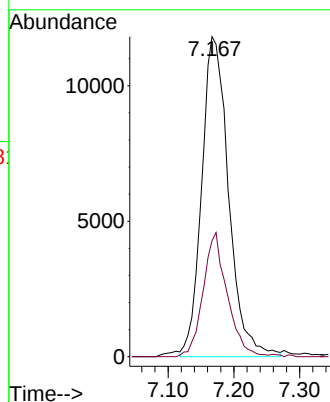
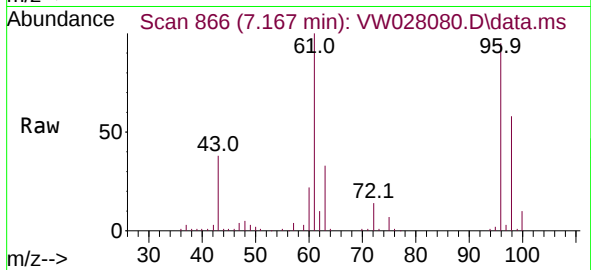




#22
2-Butanone
Concen: 65.691 ug/L
RT: 7.167 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

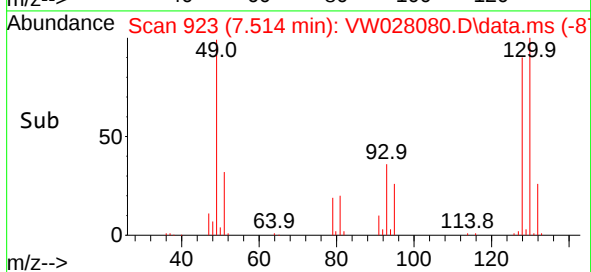
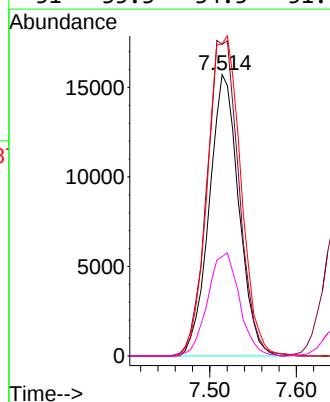
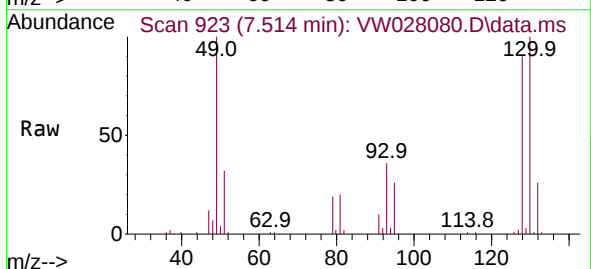
Instrument :
MSVOA_W
ClientSampleId :

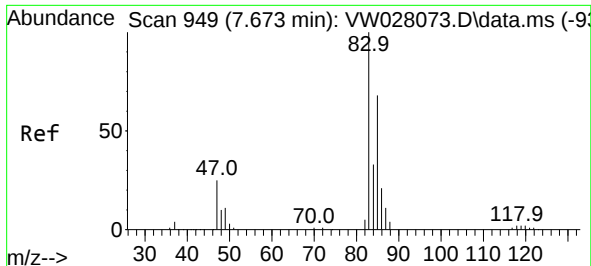
Tgt Ion: 43 Resp: 33653
Ion Ratio Lower Upper
43 100
72 34.6 17.0 50.9



#23
Bromochloromethane
Concen: 27.087 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

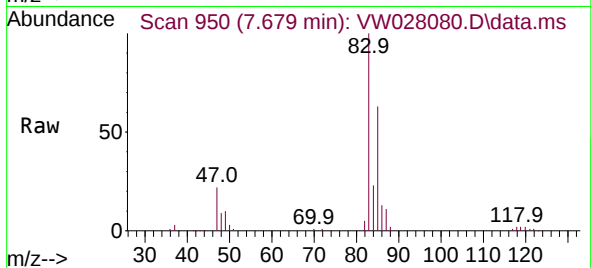
Tgt Ion:128 Resp: 37396
Ion Ratio Lower Upper
128 100
49 110.7 93.2 173.2
130 110.9 97.4 180.8
51 35.3 34.5 51.7



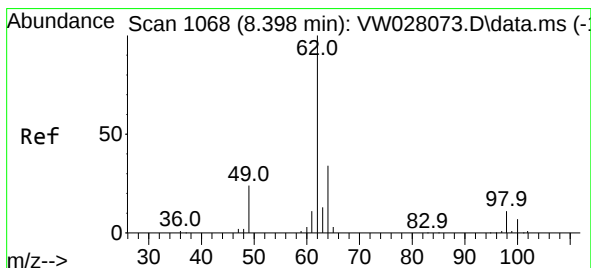
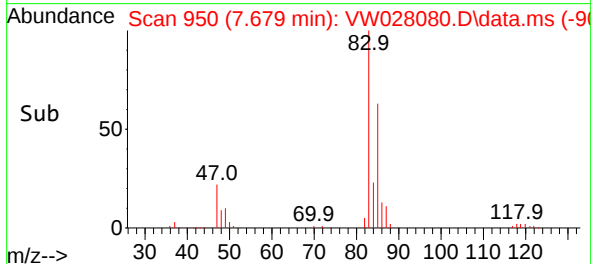
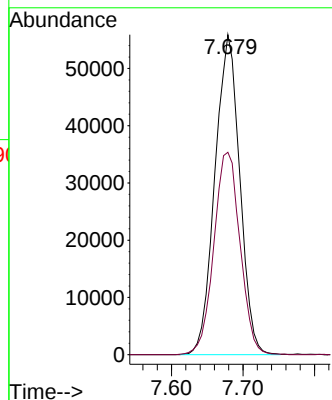


#25
Chloroform
Concen: 26.254 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Instrument :
MSVOA_W
ClientSampleId :

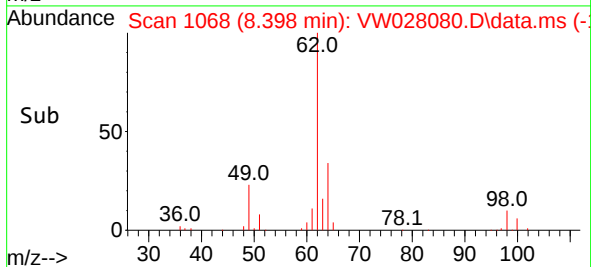
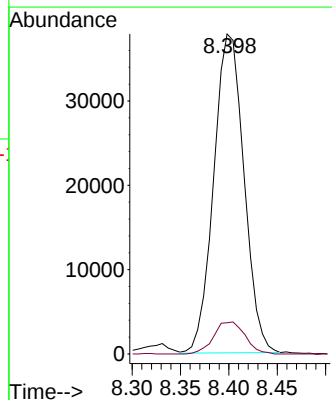
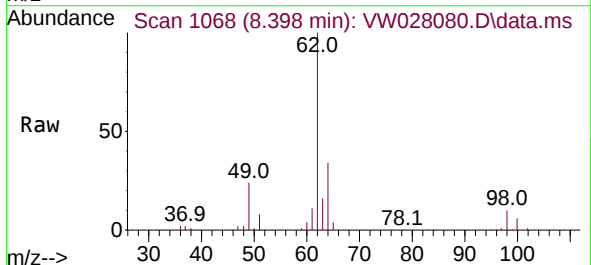


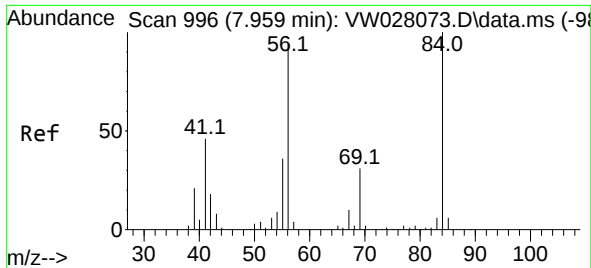
Tgt Ion: 83 Resp: 134948
Ion Ratio Lower Upper
83 100
85 63.3 46.6 86.6



#27
1,2-Dichloroethane
Concen: 28.784 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

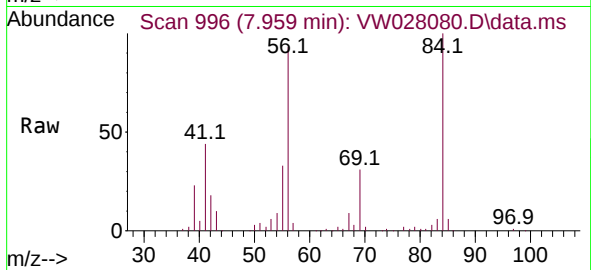
Tgt Ion: 62 Resp: 82394
Ion Ratio Lower Upper
62 100
98 9.8 9.4 14.2



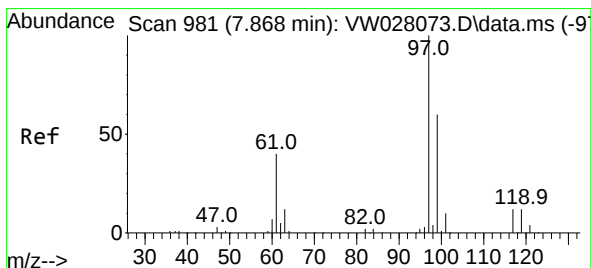
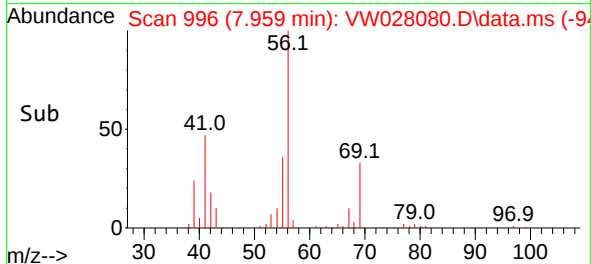
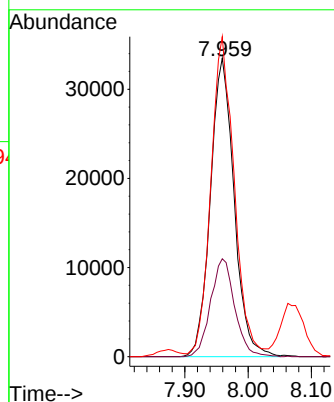


#29
Cyclohexane
Concen: 20.960 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Instrument :
MSVOA_W
ClientSampleId :

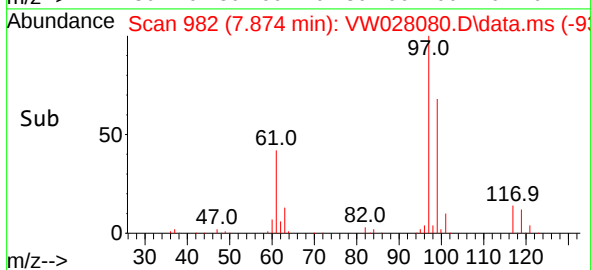
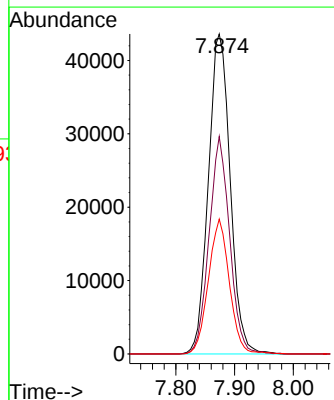
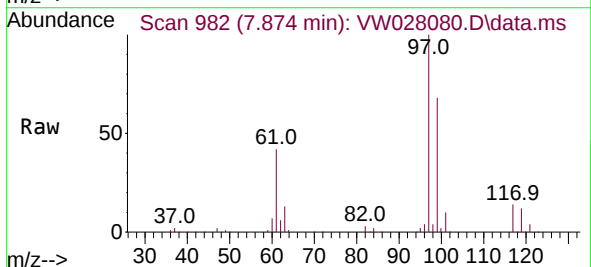


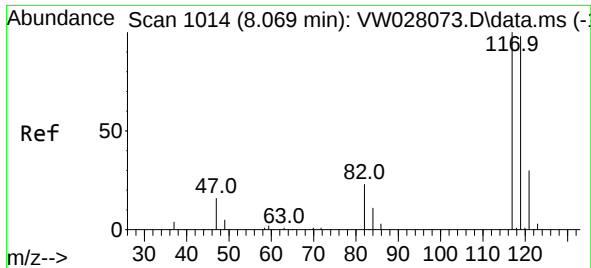
Tgt Ion:	56	Resp:	87019
Ion	Ratio	Lower	Upper
56	100		
69	33.4	26.3	39.5
84	106.1	81.6	122.4



#30
1,1,1-Trichloroethane
Concen: 25.020 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Tgt Ion:	97	Resp:	112500
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.0
61	40.7	32.9	49.3

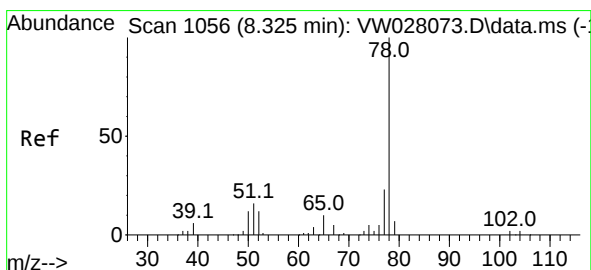
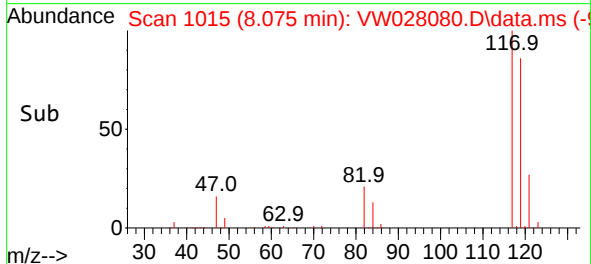
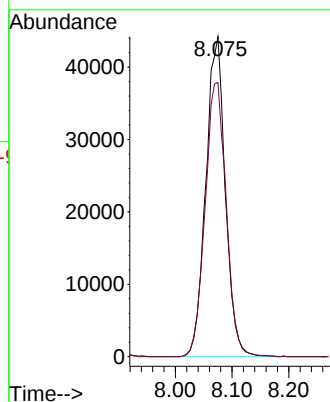
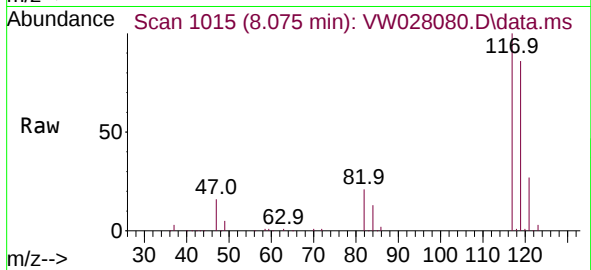




#31
Carbon tetrachloride
Concen: 25.400 ug/L
RT: 8.075 min Scan# 1014
Delta R.T. 0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

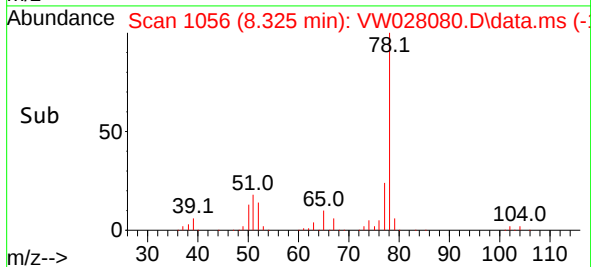
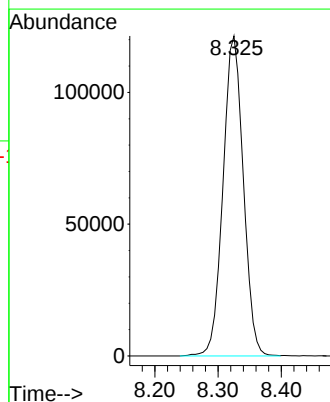
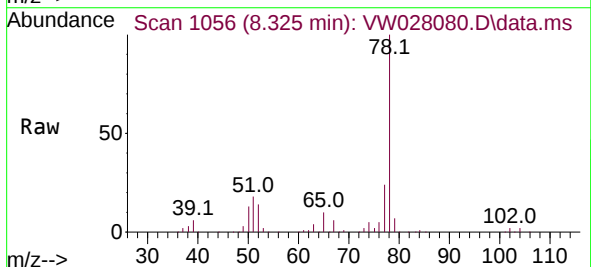
Instrument :
MSVOA_W
ClientSampleId :

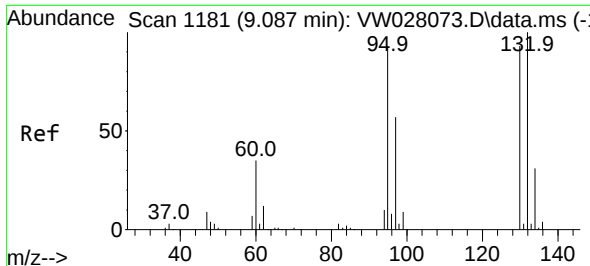
Tgt Ion:117 Resp: 105658
Ion Ratio Lower Upper
117 100
119 92.6 76.5 114.7



#33
Benzene
Concen: 23.248 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

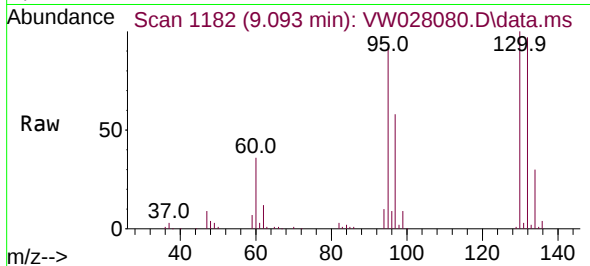
Tgt Ion: 78 Resp: 270465



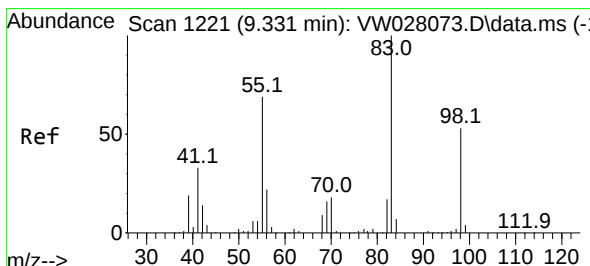
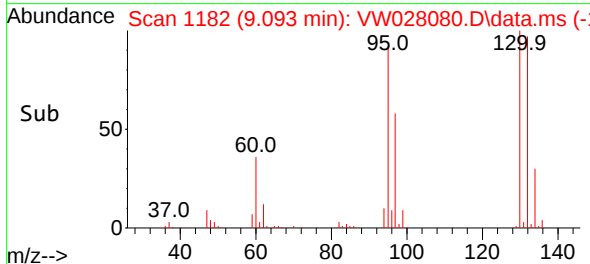
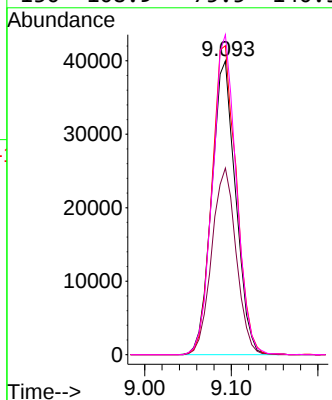


#34
Trichloroethene
Concen: 23.030 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. 0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Instrument :
MSVOA_W
ClientSampleId :

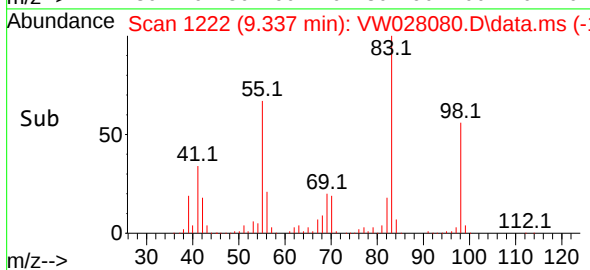
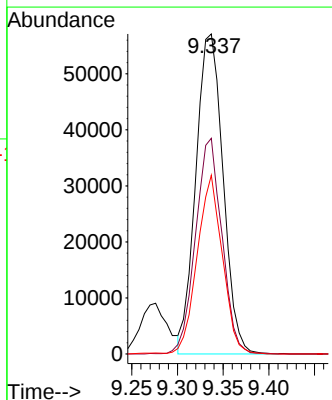
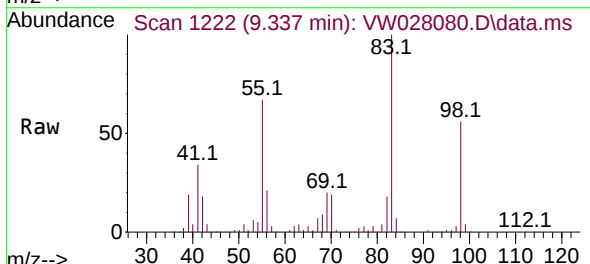


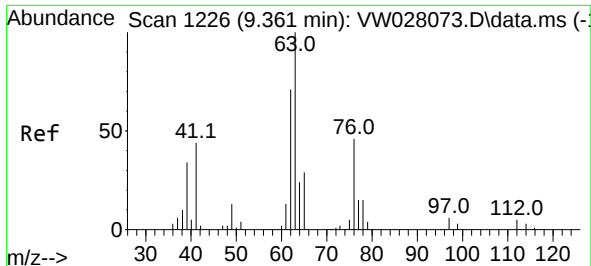
Tgt Ion: 95 Resp: 76915
Ion Ratio Lower Upper
95 100
97 63.5 44.3 82.3
132 105.2 68.0 126.2
130 108.9 75.5 140.3



#35
Methylcyclohexane
Concen: 21.530 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Tgt Ion: 83 Resp: 118323
Ion Ratio Lower Upper
83 100
55 64.8 52.3 78.5
98 51.7 41.9 62.9





#37

1,2-Dichloropropane

Concen: 24.408 ug/L

RT: 9.367 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

Instrument :

MSVOA_W

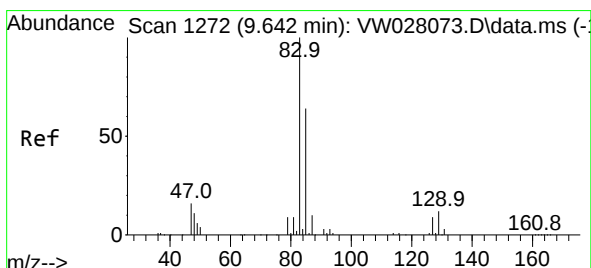
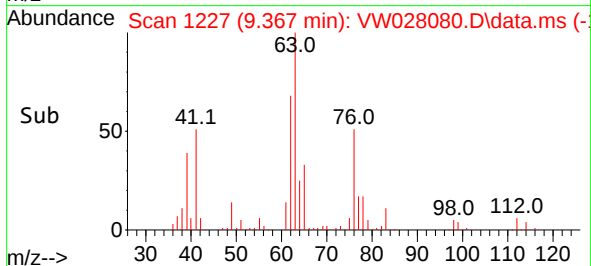
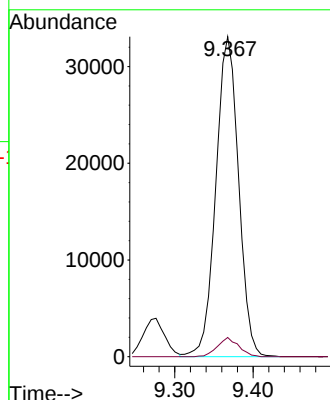
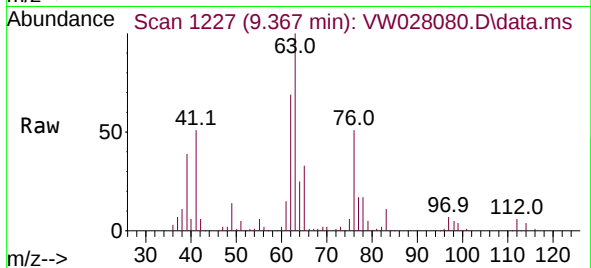
ClientSampleId :

Tgt Ion: 63 Resp: 66725

Ion Ratio Lower Upper

63 100

112 5.6 4.2 6.2



#38

Bromodichloromethane

Concen: 26.846 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

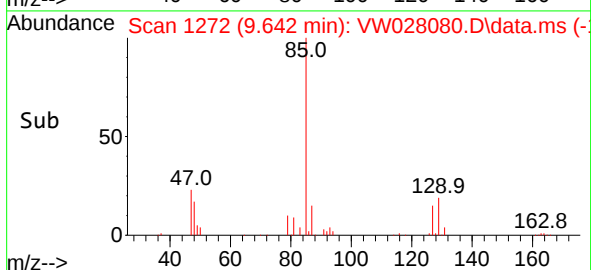
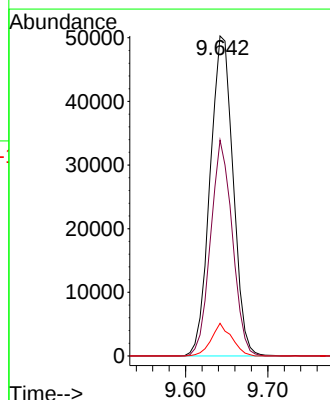
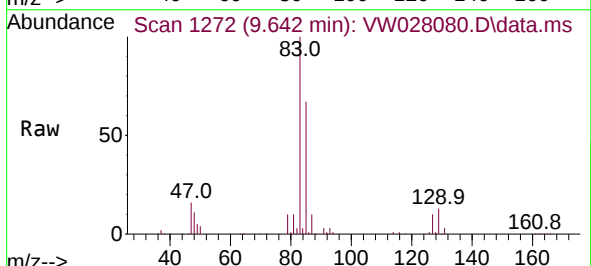
Tgt Ion: 83 Resp: 97965

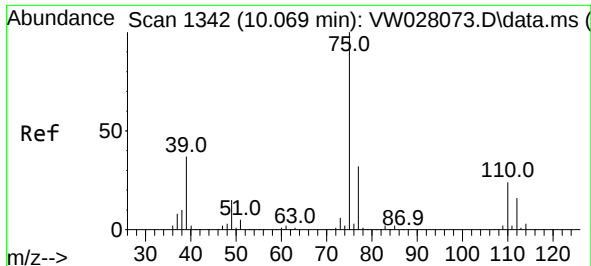
Ion Ratio Lower Upper

83 100

85 67.4 44.7 83.1

127 10.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.716 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

Instrument :

MSVOA_W

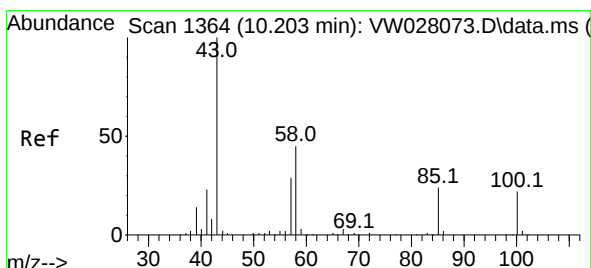
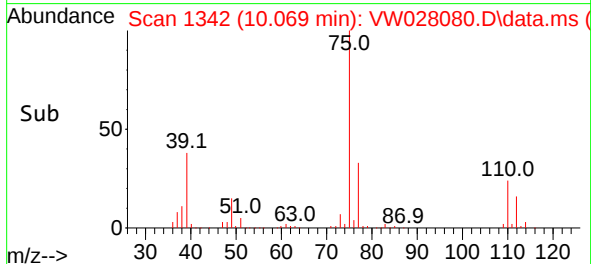
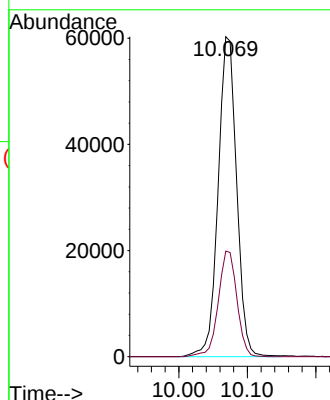
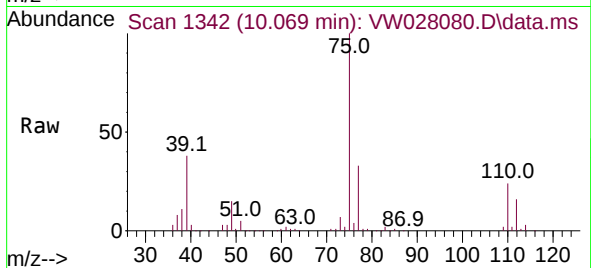
ClientSampleId :

Tgt Ion: 75 Resp: 112681

Ion Ratio Lower Upper

75 100

77 33.0 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 63.920 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

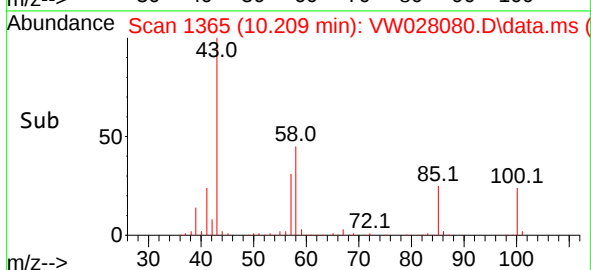
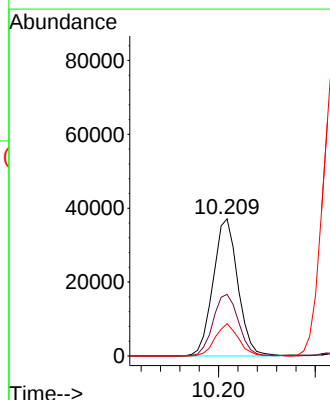
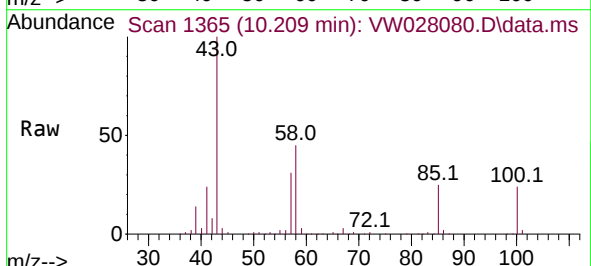
Tgt Ion: 43 Resp: 65955

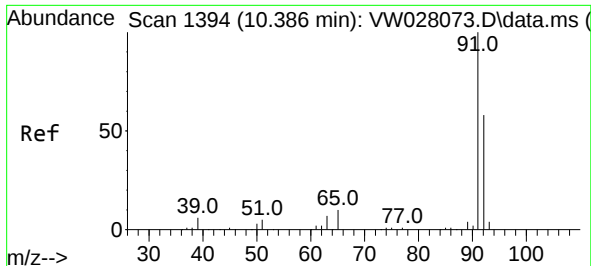
Ion Ratio Lower Upper

43 100

58 46.3 36.7 55.1

100 22.1 18.4 27.6

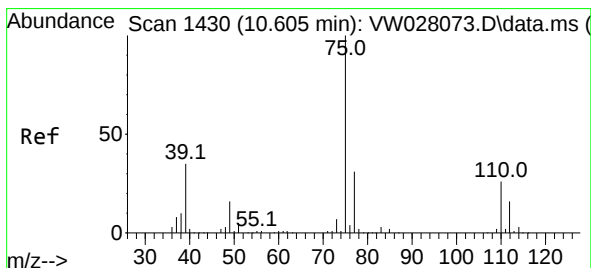
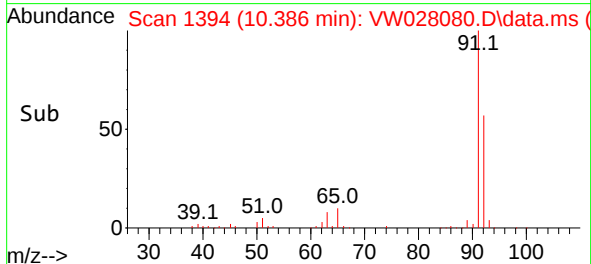
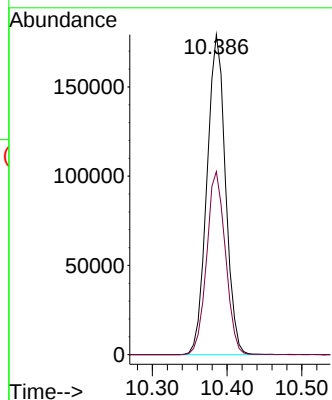
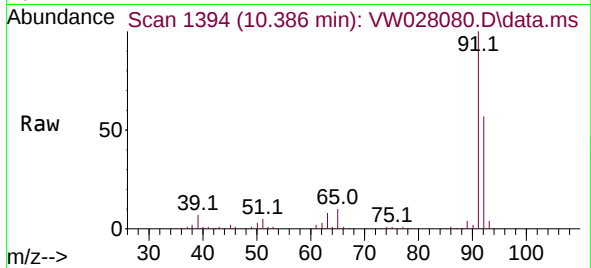




#42
Toluene
Concen: 23.686 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

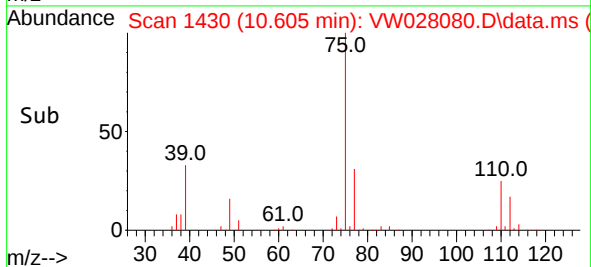
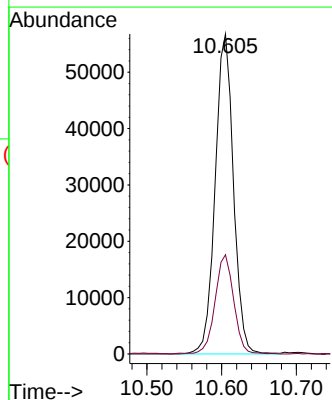
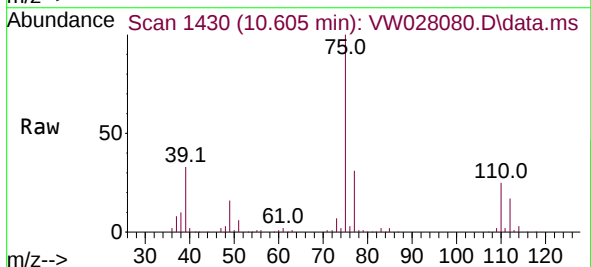
Instrument :
MSVOA_W
ClientSampleId :

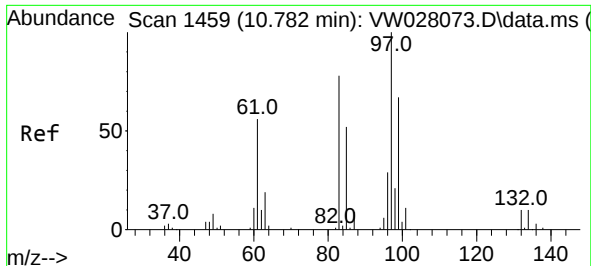
Tgt Ion: 91 Resp: 308954
Ion Ratio Lower Upper
91 100
92 57.2 38.8 72.0



#44
trans-1,3-Dichloropropene
Concen: 27.684 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Tgt Ion: 75 Resp: 96280
Ion Ratio Lower Upper
75 100
77 31.0 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 27.999 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 60585

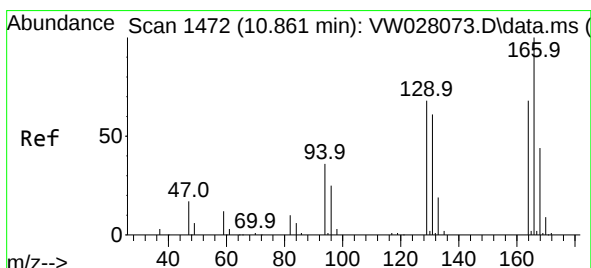
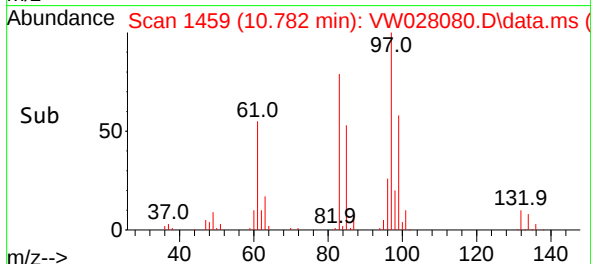
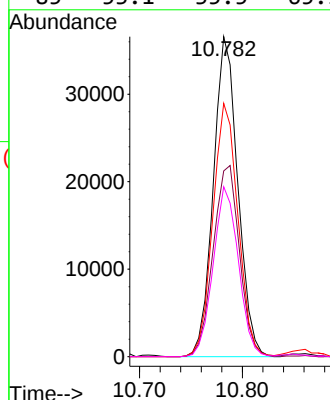
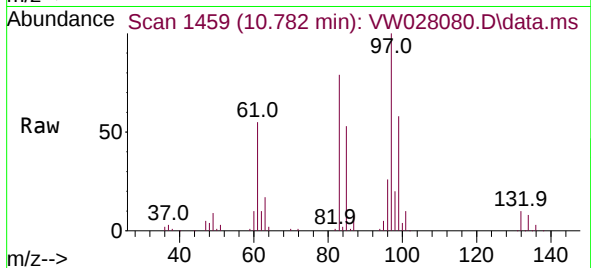
Ion Ratio Lower Upper

97 100

99 58.0 43.3 80.5

83 79.2 57.2 106.2

85 53.1 35.5 65.9



#46

Tetrachloroethene

Concen: 22.958 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

Tgt Ion:164 Resp: 64517

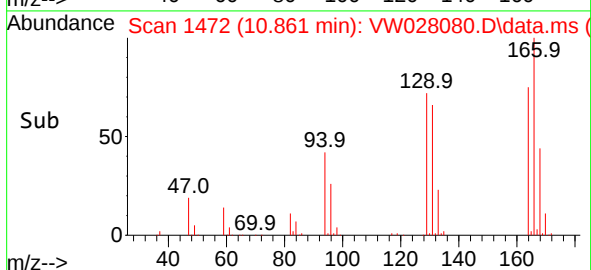
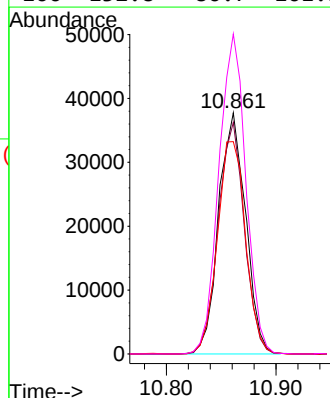
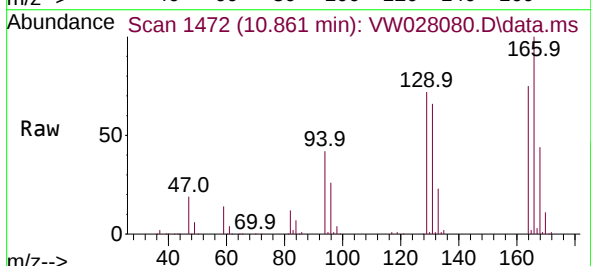
Ion Ratio Lower Upper

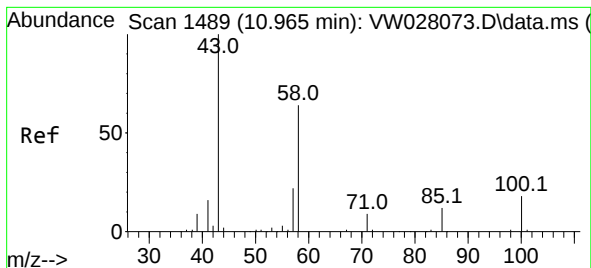
164 100

129 96.0 59.4 110.2

131 88.1 65.0 120.6

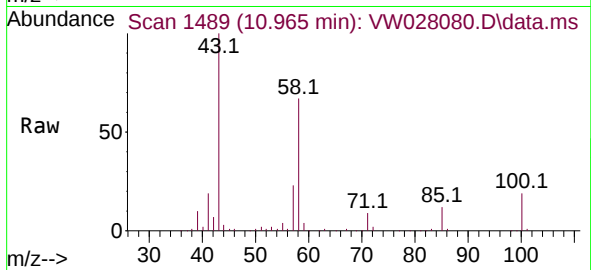
166 132.8 86.7 161.1



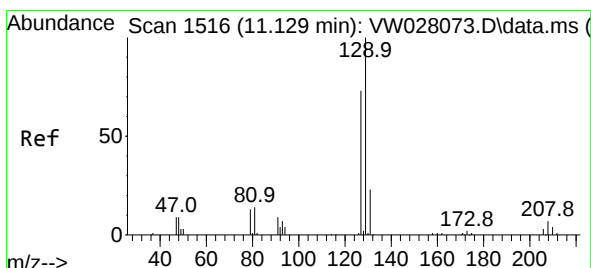
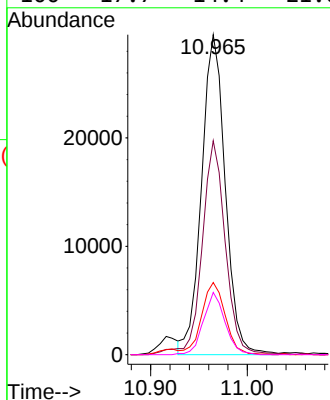
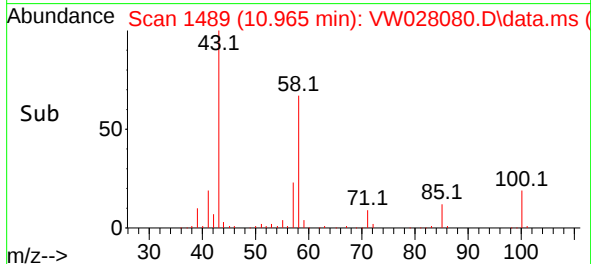


#48
2-Hexanone
Concen: 64.578 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

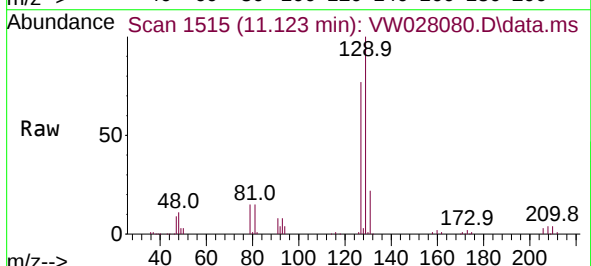
Instrument :
MSVOA_W
ClientSampleId :



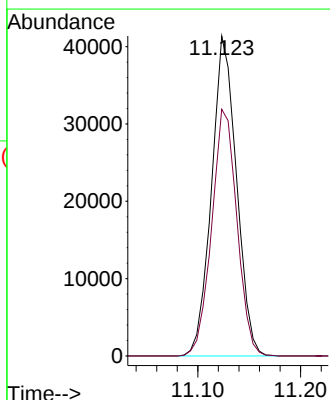
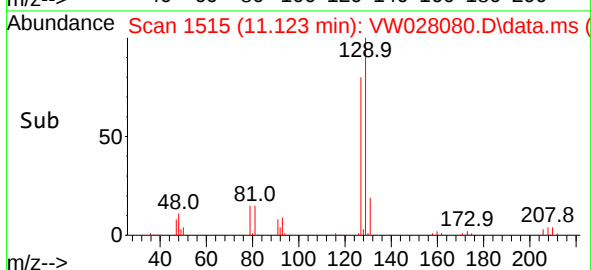
Tgt Ion: 43 Resp: 50470
Ion Ratio Lower Upper
43 100
58 63.6 51.4 77.2
57 22.6 17.4 26.2
100 17.7 14.4 21.6

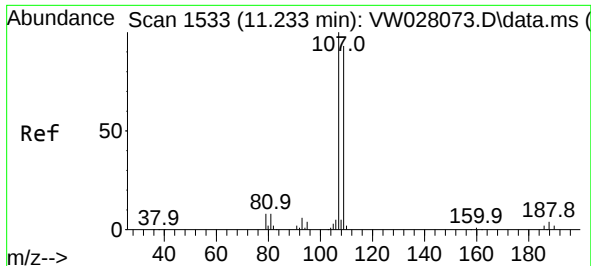


#49
Dibromochloromethane
Concen: 28.269 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16



Tgt Ion: 129 Resp: 69736
Ion Ratio Lower Upper
129 100
127 77.1 49.6 92.0





#50

1,2-Dibromoethane

Concen: 28.258 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028080.D

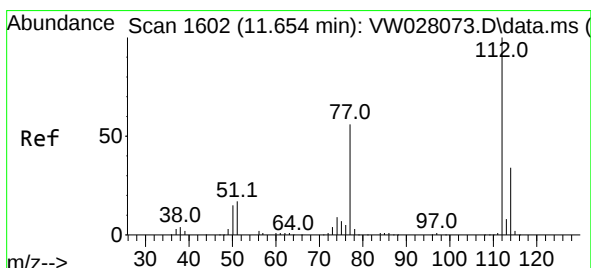
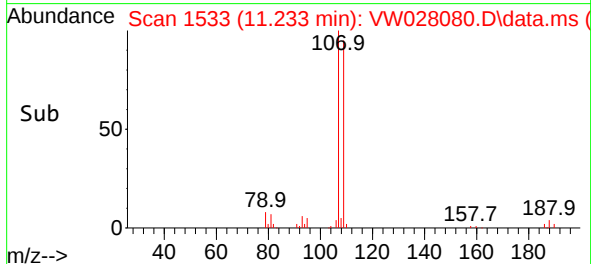
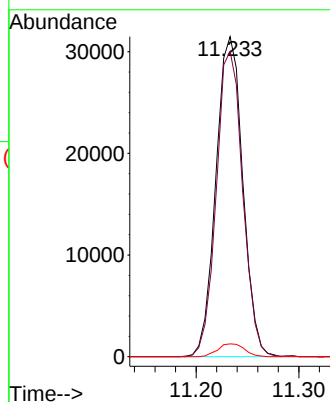
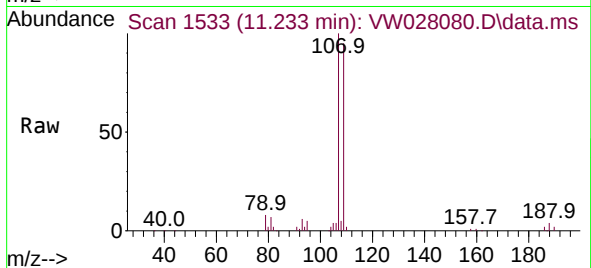
Acq: 28 Feb 2024 17:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	57074
Ion	Ratio	Lower	Upper
107	100		
109	95.5	71.2	132.2
188	4.0	3.1	4.7



#51

Chlorobenzene

Concen: 25.058 ug/L

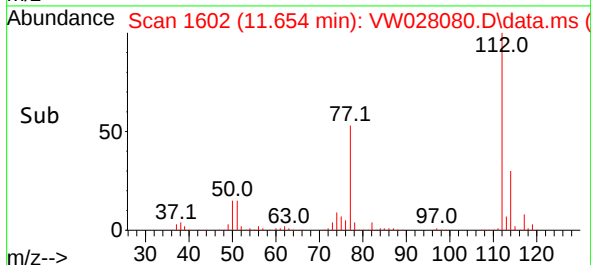
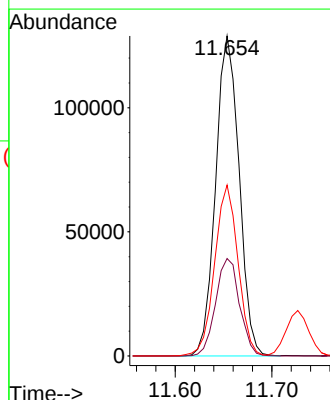
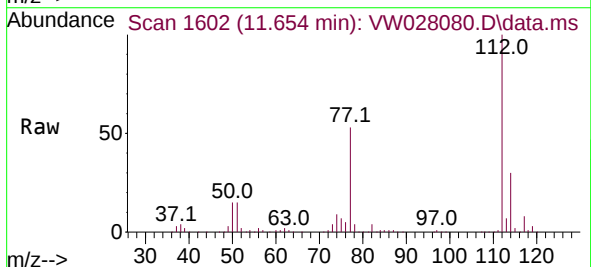
RT: 11.654 min Scan# 1602

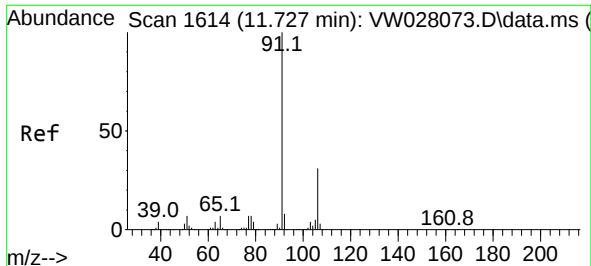
Delta R.T. -0.000 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

Tgt Ion:	112	Resp:	217389
Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.7	42.3
77	53.4	42.6	64.0

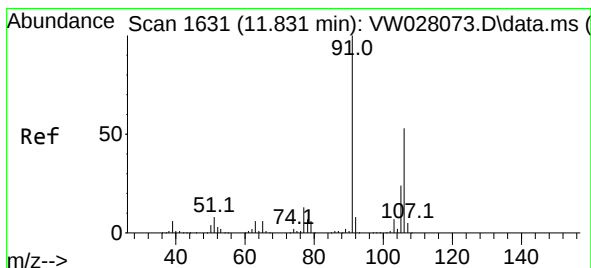
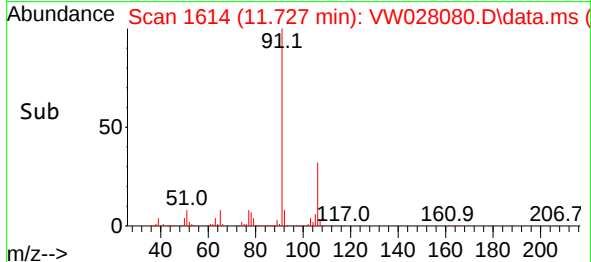
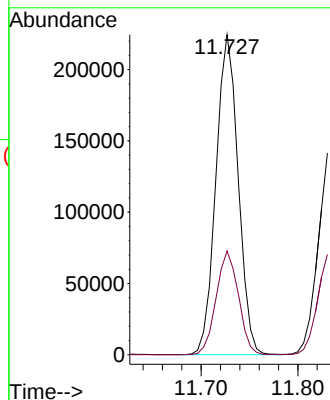
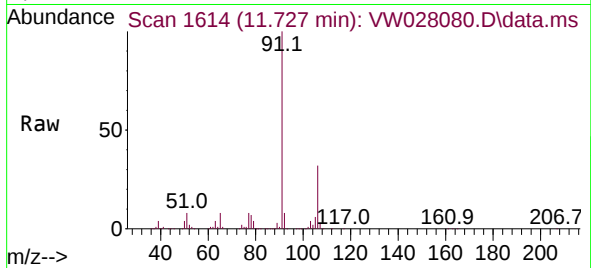




#52
Ethylbenzene
Concen: 24.393 ug/L
RT: 11.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

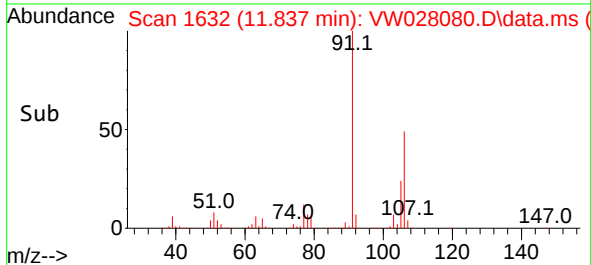
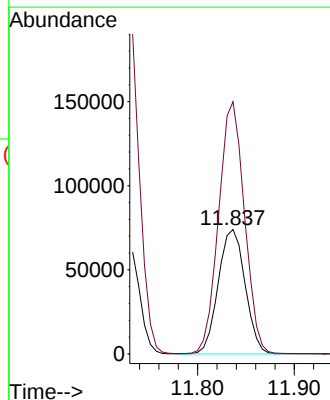
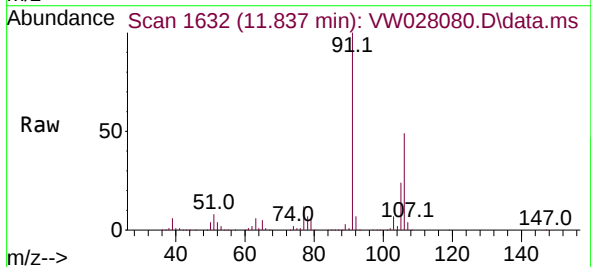
Instrument :
MSVOA_W
ClientSampleId :

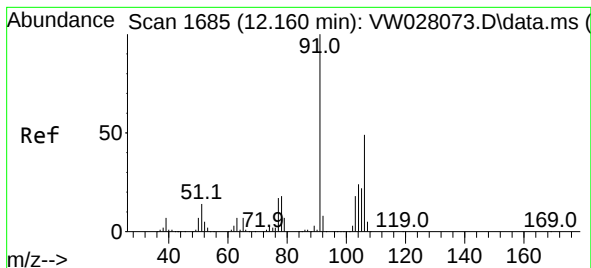
Tgt Ion: 91 Resp: 358734
Ion Ratio Lower Upper
91 100
106 32.4 22.8 42.4



#53
m,p-Xylene
Concen: 24.724 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Tgt Ion:106 Resp: 142600
Ion Ratio Lower Upper
106 100
91 202.6 130.0 241.4





#54

o-Xylene

Concen: 24.611 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

Instrument :

MSVOA_W

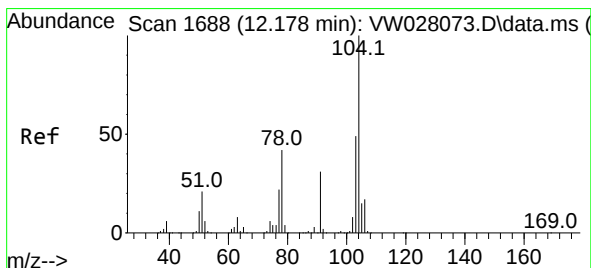
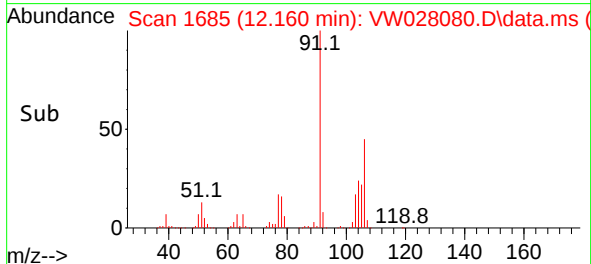
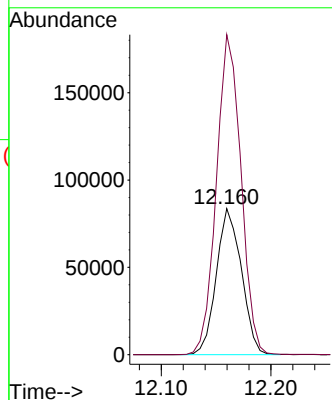
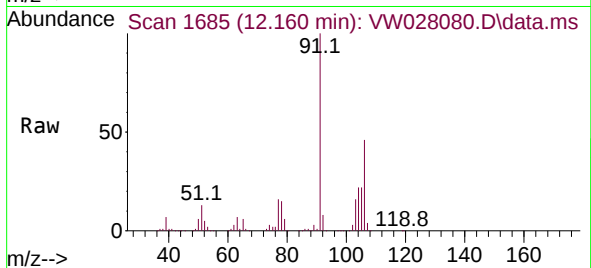
ClientSampleId :

Tgt Ion:106 Resp: 133130

Ion Ratio Lower Upper

106 100

91 219.0 146.4 272.0



#55

Styrene

Concen: 25.728 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028080.D

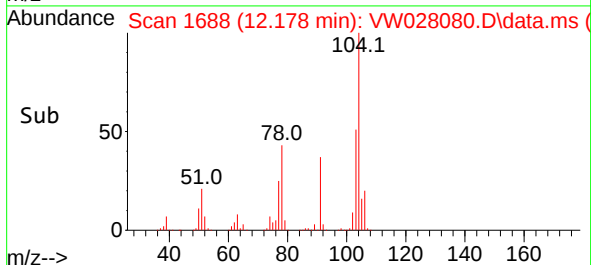
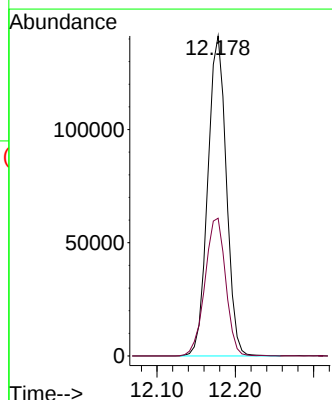
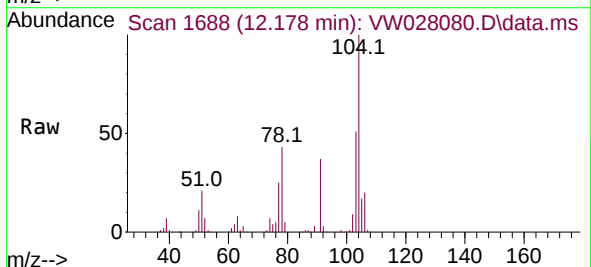
Acq: 28 Feb 2024 17:16

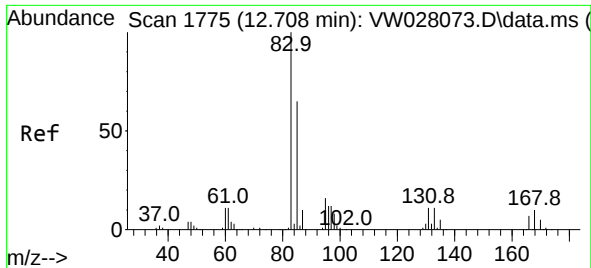
Tgt Ion:104 Resp: 231807

Ion Ratio Lower Upper

104 100

78 43.1 28.3 52.7

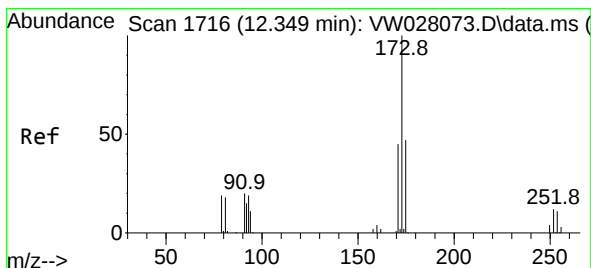
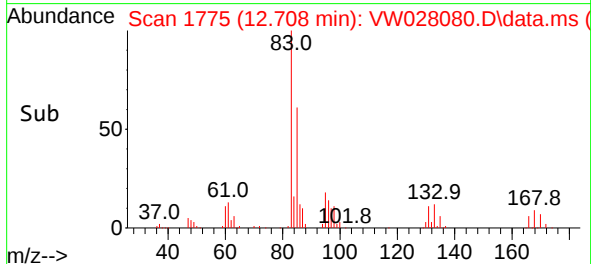
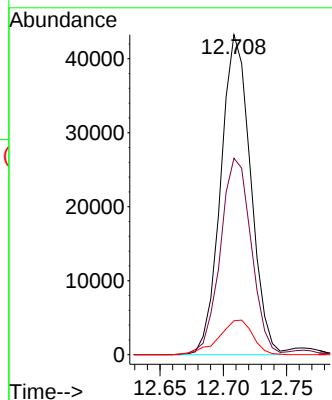
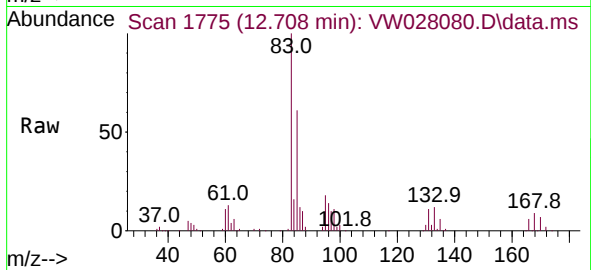




#57
1,1,2,2-Tetrachloroethane
Concen: 30.573 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

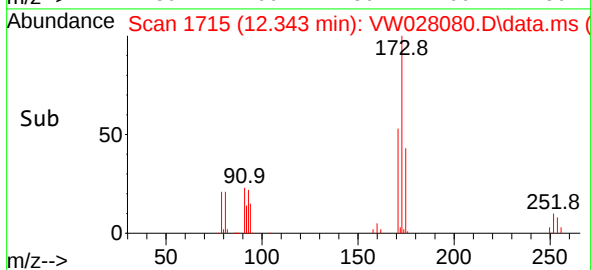
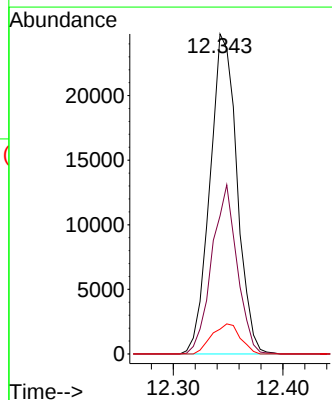
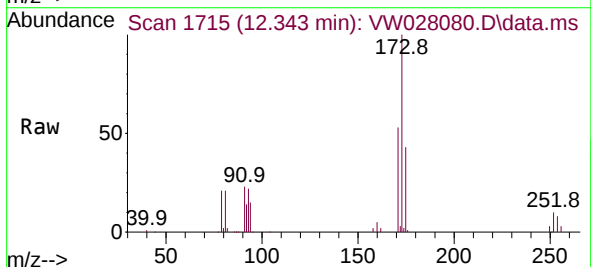
Instrument :
MSVOA_W
ClientSampleId :

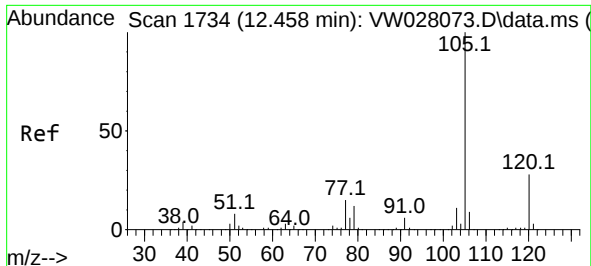
Tgt Ion: 83 Resp: 70843
Ion Ratio Lower Upper
83 100
85 61.4 42.9 79.7
131 10.6 8.7 13.1



#59
Bromoform
Concen: 28.424 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Tgt Ion:173 Resp: 42447
Ion Ratio Lower Upper
173 100
175 49.4 37.8 56.8
254 9.9 8.4 12.6

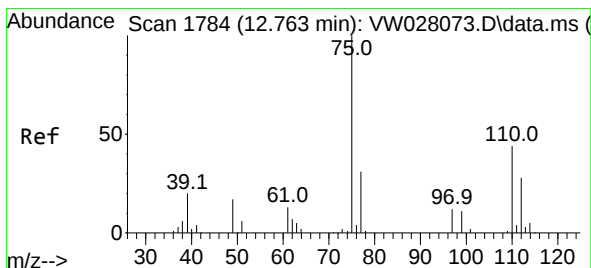
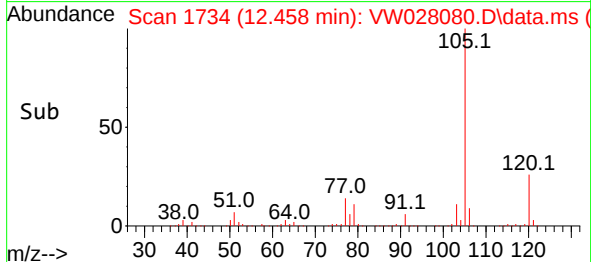
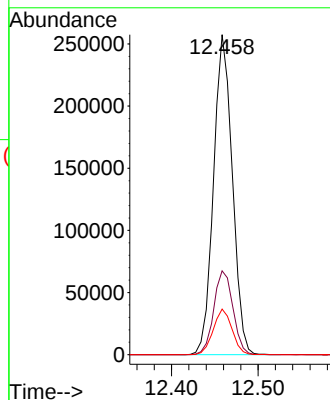
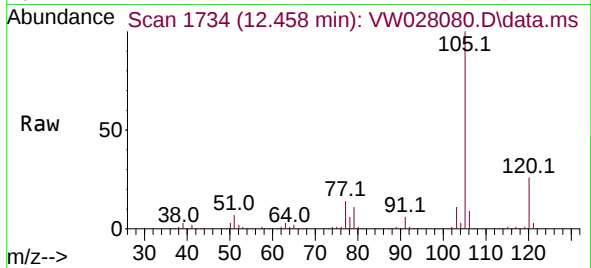




#60
Isopropylbenzene
Concen: 24.578 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

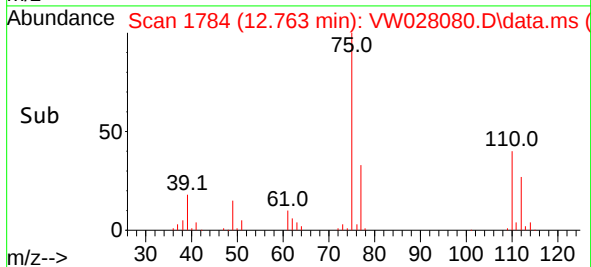
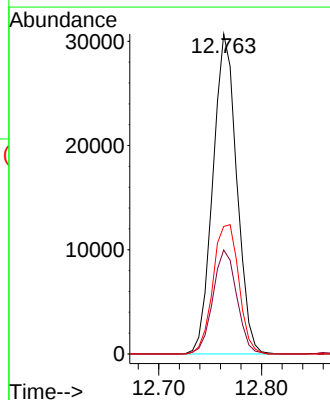
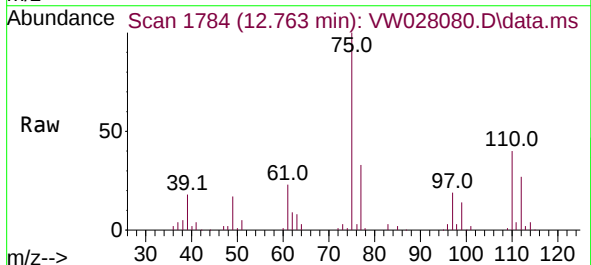
Instrument :
MSVOA_W
ClientSampleId :

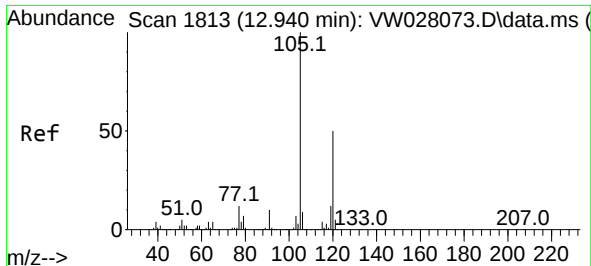
Tgt Ion:105 Resp: 388263
Ion Ratio Lower Upper
105 100
120 26.7 22.2 33.2
77 14.3 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 29.289 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

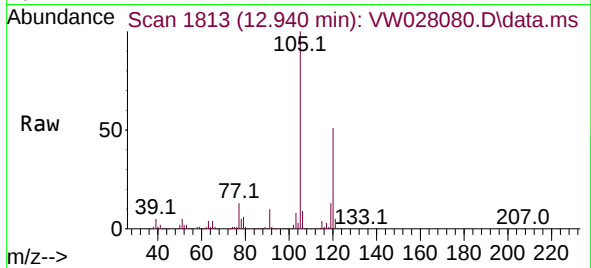
Tgt Ion: 75 Resp: 49455
Ion Ratio Lower Upper
75 100
77 32.5 26.5 39.7
110 43.8 35.8 53.8



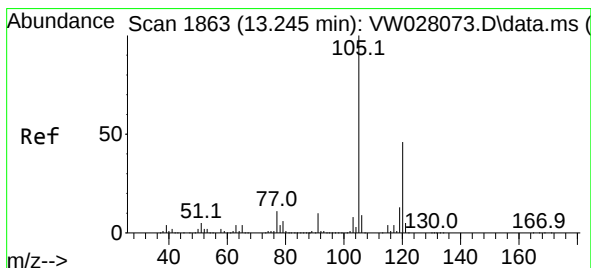
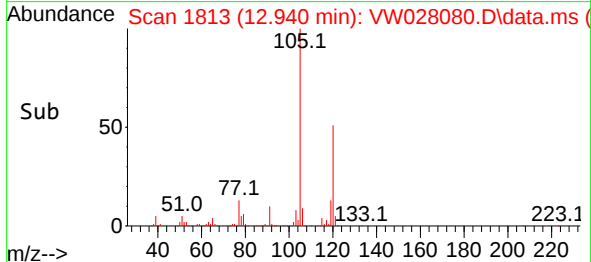
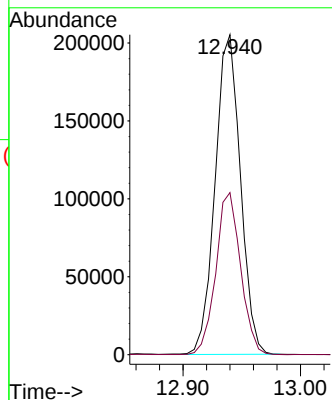


#62
1,3,5-Trimethylbenzene
Concen: 24.269 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

Instrument :
MSVOA_W
ClientSampleId :

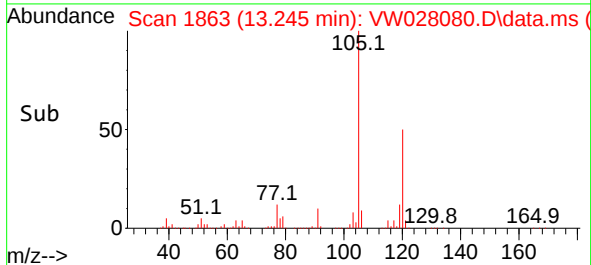
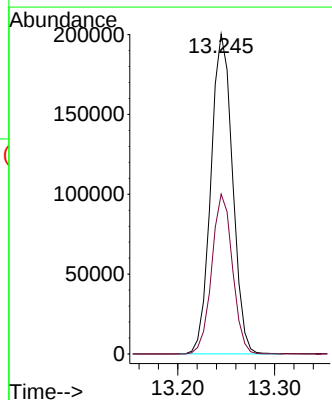
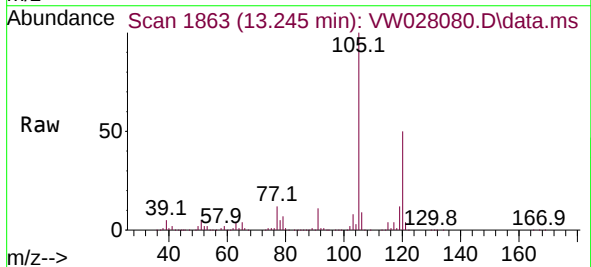


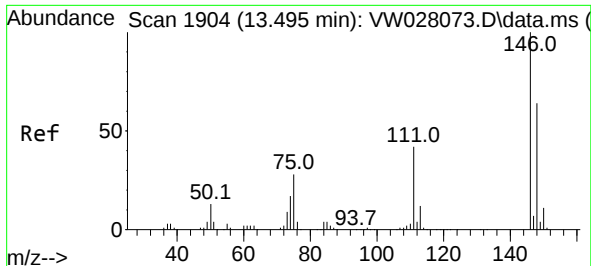
Tgt Ion:105 Resp: 306800
Ion Ratio Lower Upper
105 100
120 49.7 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 25.137 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

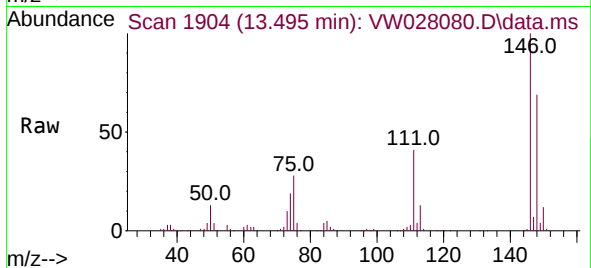
Tgt Ion:105 Resp: 310951
Ion Ratio Lower Upper
105 100
120 47.9 36.4 54.6



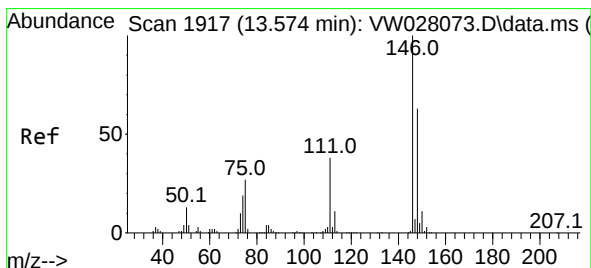
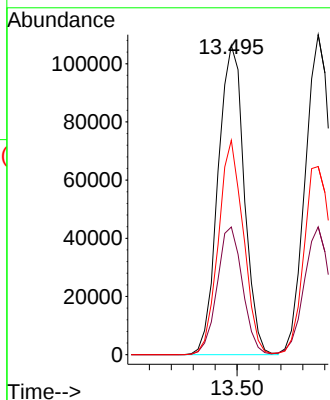
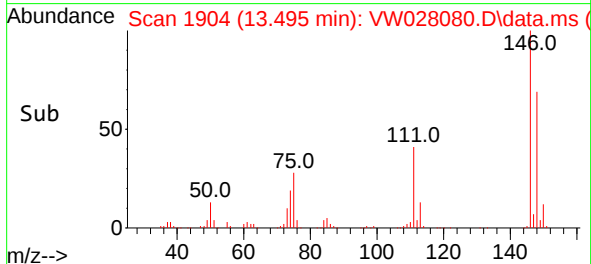


#64
1,3-Dichlorobenzene
Concen: 24.335 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

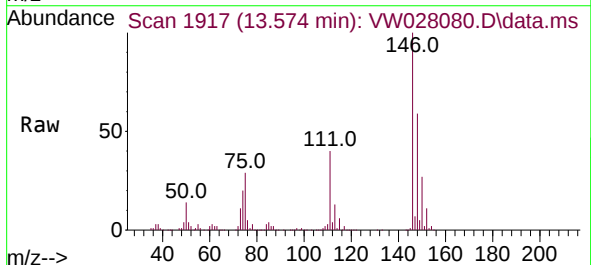
Instrument :
MSVOA_W
ClientSampleId :



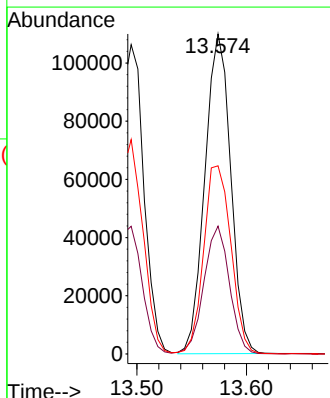
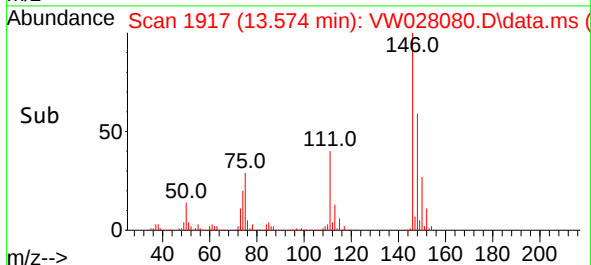
Tgt Ion:146 Resp: 176601
Ion Ratio Lower Upper
146 100
111 41.3 26.9 49.9
148 69.4 41.2 76.6

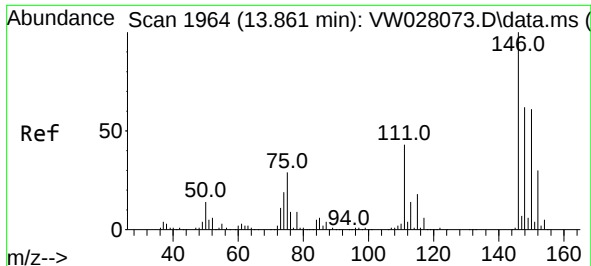


#65
1,4-Dichlorobenzene
Concen: 24.429 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16



Tgt Ion:146 Resp: 180252
Ion Ratio Lower Upper
146 100
111 39.9 24.1 44.8
148 58.8 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 25.119 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

Instrument :

MSVOA_W

ClientSampleId :

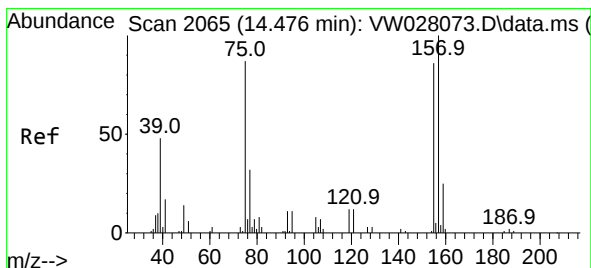
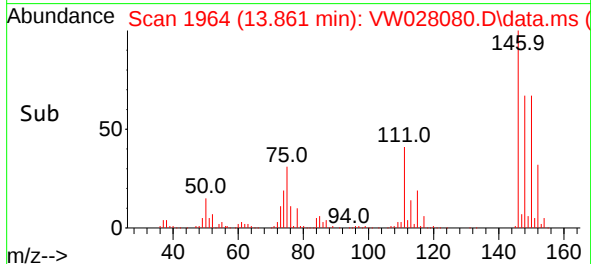
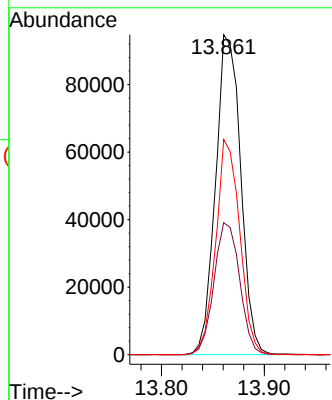
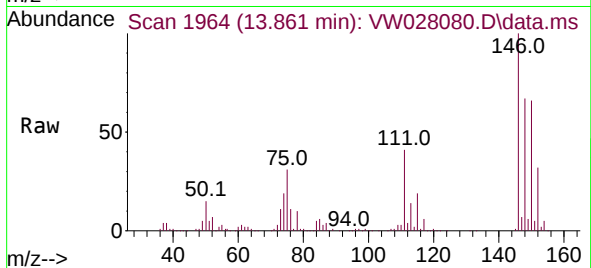
Tgt Ion:146 Resp: 161002

Ion Ratio Lower Upper

146 100

111 41.2 30.6 46.0

148 67.3 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 31.837 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

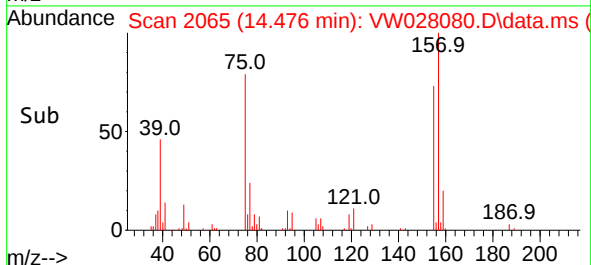
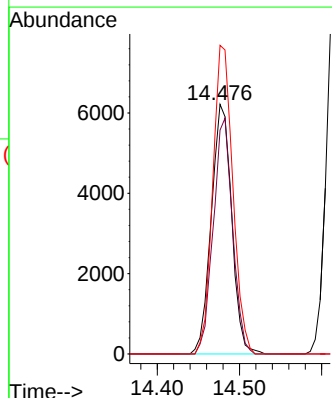
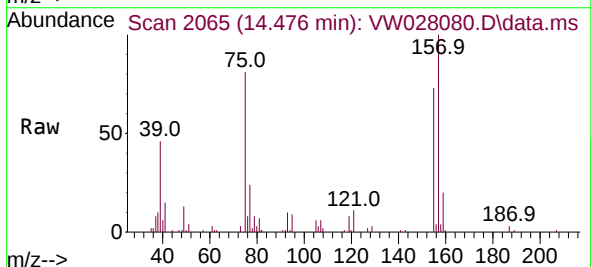
Tgt Ion: 75 Resp: 10673

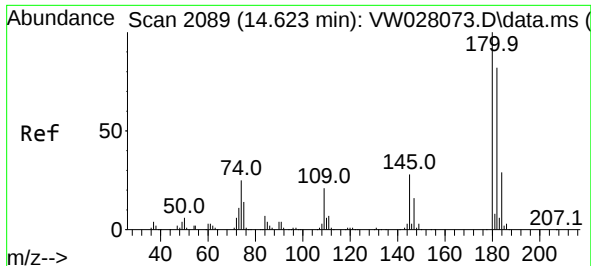
Ion Ratio Lower Upper

75 100

155 89.7 68.7 103.1

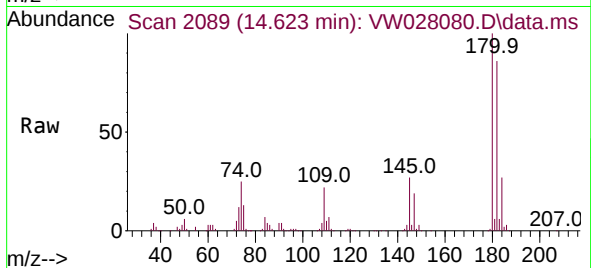
157 123.7 96.7 145.1



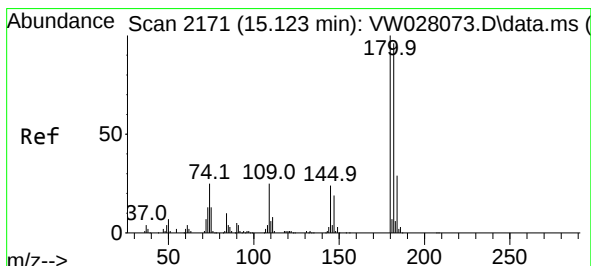
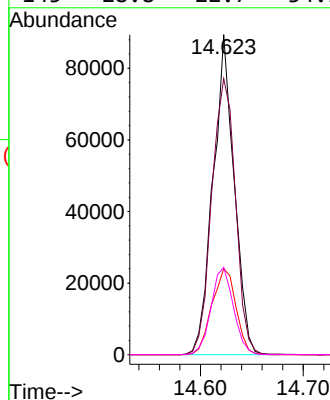
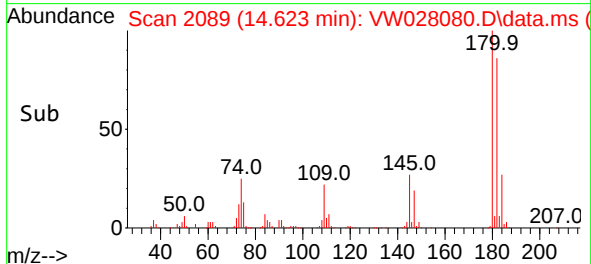


#69
1,3,5-Trichlorobenzene
Concen: 24.614 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16

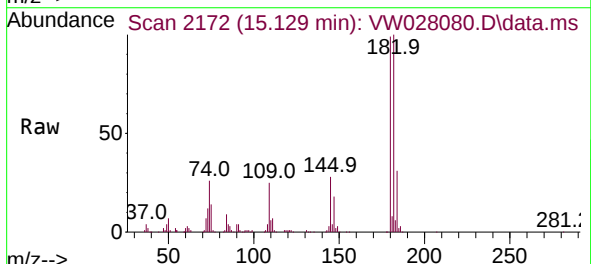
Instrument :
MSVOA_W
ClientSampleId :



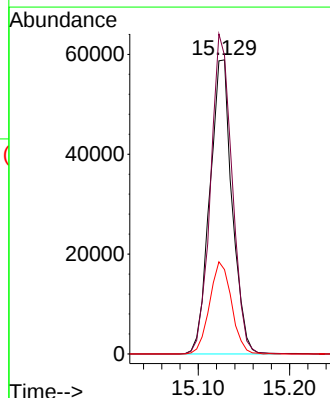
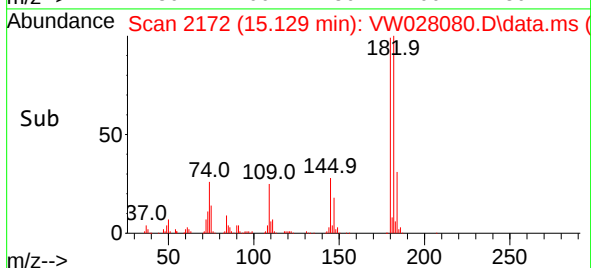
Tgt Ion:180 Resp: 128266
Ion Ratio Lower Upper
180 100
182 96.2 72.1 108.1
184 30.4 24.4 36.6
145 28.8 22.7 34.1

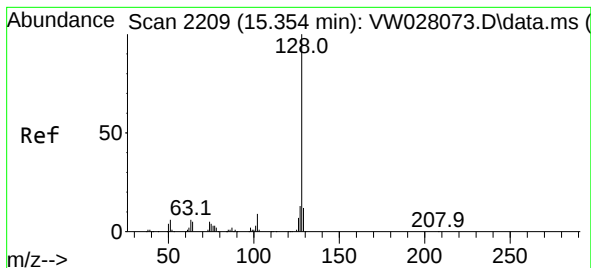


#70
1,2,4-trichlorobenzene
Concen: 23.723 ug/L
RT: 15.129 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VW028080.D
Acq: 28 Feb 2024 17:16



Tgt Ion:180 Resp: 99829
Ion Ratio Lower Upper
180 100
182 104.9 77.0 115.6
145 30.8 23.4 35.0





#71

Naphthalene

Concen: 29.393 ug/L

RT: 15.354 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

Instrument :

MSVOA_W

ClientSampleId :

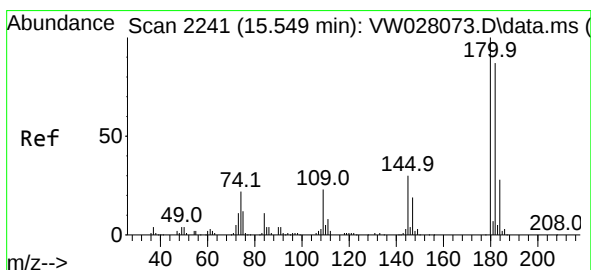
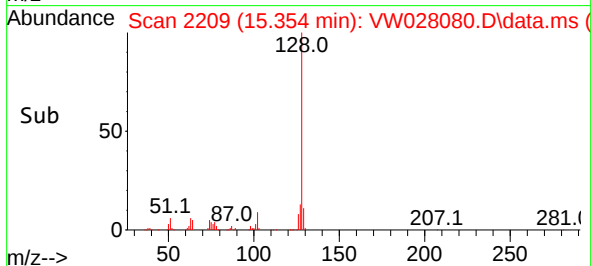
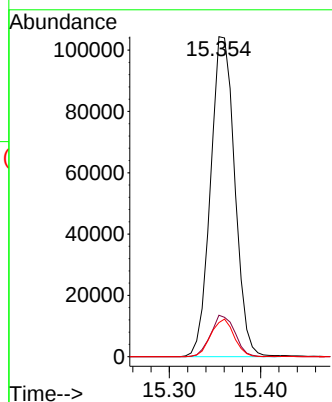
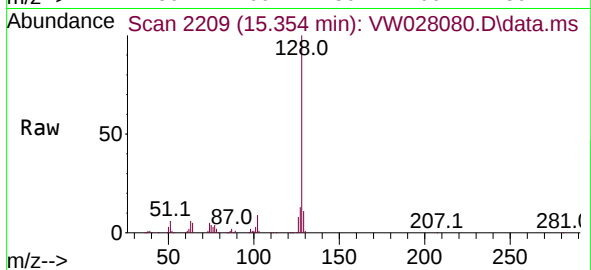
Tgt Ion:128 Resp: 192202

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.3 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 26.758 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW028080.D

Acq: 28 Feb 2024 17:16

Tgt Ion:180 Resp: 93946

Ion Ratio Lower Upper

180 100

182 93.7 76.5 114.7

145 31.7 25.8 38.8

