

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022824\
 Data File : VW028073.D
 Acq On : 28 Feb 2024 11:14
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 28 23:25:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 28 00:18:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247807	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	232043	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	124493	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	76855	26.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.920%	
7) Chloroethane-d5	2.899	69	63044	28.638	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 114.560%	
11) 1,1-Dichloroethene-d2	4.021	65	33160	26.701	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 106.800%	
21) 2-Butanone-d5	7.075	46	30662	67.991	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 135.980%#	
24) Chloroform-d	7.648	84	162033	27.964	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 111.840%	
26) 1,2-Dichloroethane-d4	8.301	65	78301	29.921	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 119.680%	
32) Benzene-d6	8.270	84	326963	26.336	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 105.360%	
36) 1,2-Dichloropropane-d6	9.270	67	86460	25.685	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 102.760%	
41) Toluene-d8	10.319	98	309306	26.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 104.160%	
43) trans-1,3-Dichloroprop...	10.575	79	39130	28.267	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 113.080%	
47) 2-Hexanone-d5	10.922	63	30938	67.570	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 135.140%#	
56) 1,1,2,2-Tetrachloroeth...	12.684	84	75419	29.977	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 119.920%	
66) 1,2-Dichlorobenzene-d4	13.848	152	110232	26.051	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	49524	23.207	ug/L	93
3) Chloromethane	2.222	50	46481	19.833	ug/L	98
5) Vinyl chloride	2.375	62	65914	20.751	ug/L	97
6) Bromomethane	2.789	94	51380	22.892	ug/L	96
8) Chloroethane	2.936	64	42347	23.595	ug/L	93
9) Trichlorofluoromethane	3.271	101	60998	21.130	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	66786	22.952	ug/L	96
12) 1,1-Dichloroethene	4.051	96	63795	23.568	ug/L	91
13) Acetone	4.125	43	27221	62.075	ug/L	93
14) Carbon disulfide	4.393	76	152733	19.059	ug/L	99
15) Methyl Acetate	4.673	43	22143	30.332	ug/L	97
16) Methylene chloride	4.923	84	66534	21.481	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	69139	23.773	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	98981	28.709	ug/L	99
19) 1,1-Dichloroethane	6.216	63	121270	25.668	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	79989	26.046	ug/L	98
22) 2-Butanone	7.173	43	34629	68.410	ug/L	99
23) Bromochloromethane	7.514	128	37420	27.431	ug/L	88
25) Chloroform	7.673	83	136886	26.951	ug/L	99

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 Quant Title : SFAM01.0
 QLast Update : Wed Feb 28 00:18:10 2024
 Response via : Initial Calibration

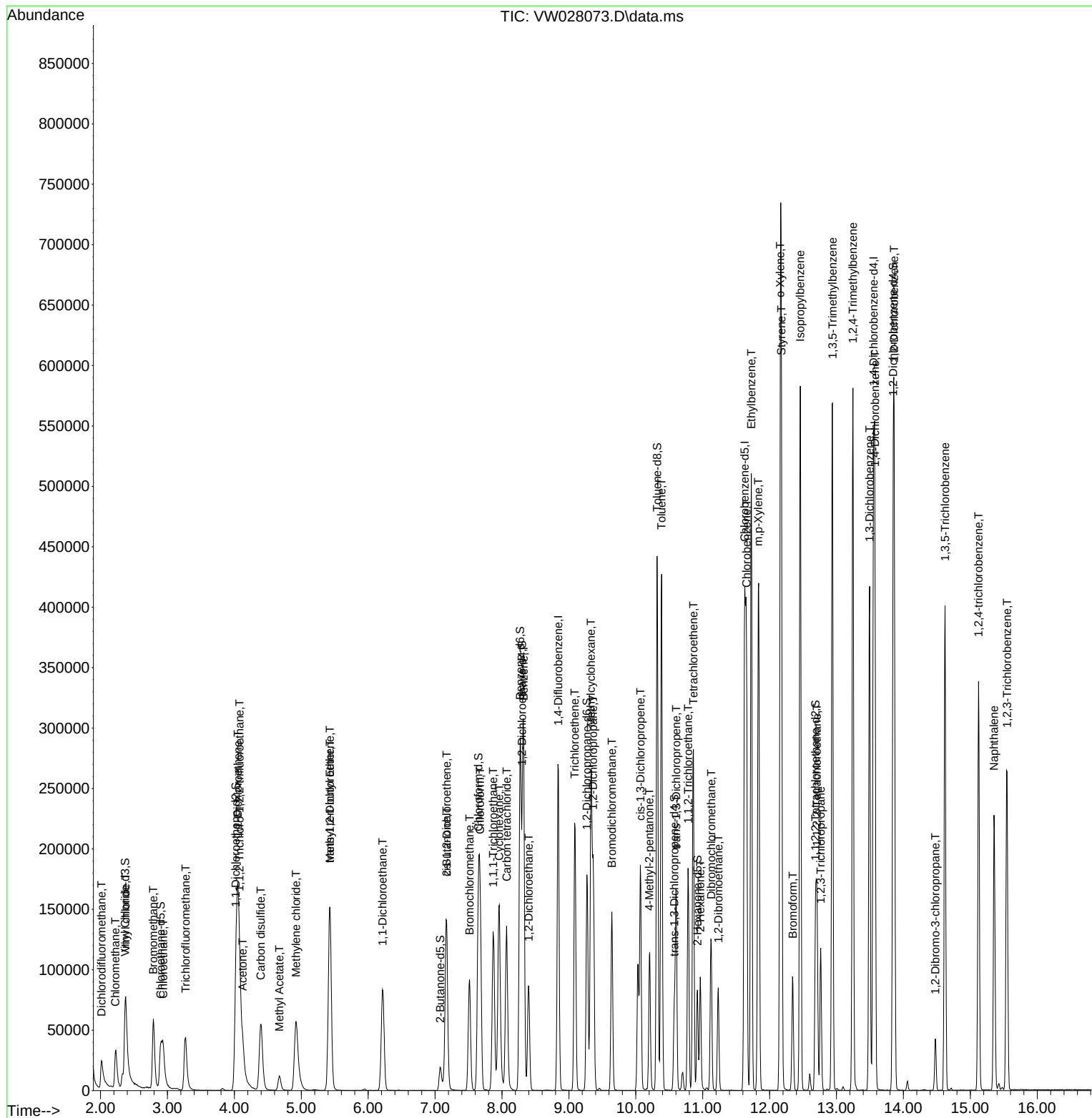
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	82634	29.216	ug/L	98
29) Cyclohexane	7.959	56	88947	21.506	ug/L	96
30) 1,1,1-Trichloroethane	7.868	97	114614	25.587	ug/L	99
31) Carbon tetrachloride	8.069	117	108168	26.102	ug/L	99
33) Benzene	8.325	78	281347	24.276	ug/L	100
34) Trichloroethene	9.087	95	79337	23.846	ug/L	92
35) Methylcyclohexane	9.331	83	123223	22.507	ug/L	99
37) 1,2-Dichloropropane	9.361	63	68479	25.144	ug/L	99
38) Bromodichloromethane	9.642	83	100578	27.667	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	116239	26.629	ug/L	100
40) 4-Methyl-2-pentanone	10.203	43	66951	65.132	ug/L	99
42) Toluene	10.386	91	326101	25.095	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	96866	27.958	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	59237	27.480	ug/L	96
46) Tetrachloroethene	10.861	164	63569	22.707	ug/L	86
48) 2-Hexanone	10.965	43	52003	66.792	ug/L	99
49) Dibromochloromethane	11.129	129	70789	28.804	ug/L	97
50) 1,2-Dibromoethane	11.233	107	56243	27.952	ug/L	92
51) Chlorobenzene	11.654	112	219229	25.366	ug/L	97
52) Ethylbenzene	11.727	91	369881	25.246	ug/L	98
53) m,p-Xylene	11.831	106	144890	25.217	ug/L	98
54) o-Xylene	12.160	106	136908	25.406	ug/L	98
55) Styrene	12.178	104	239117	26.640	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	70426	30.509	ug/L	95
59) Bromoform	12.349	173	43782	29.796	ug/L	99
60) Isopropylbenzene	12.458	105	390766	25.139	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	49722	29.927	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	319523	25.687	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	322516	26.496	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	180613	25.294	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	187816	25.869	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	169217	26.830	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	10877	32.974	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	127648	24.895	ug/L	95
70) 1,2,4-trichlorobenzene	15.123	180	111107	26.833	ug/L	97
71) Naphthalene	15.354	128	196904	30.602	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	98375	28.476	ug/L	99

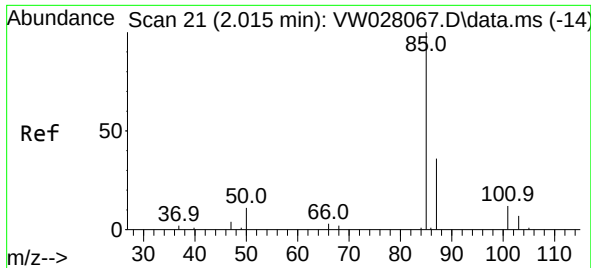
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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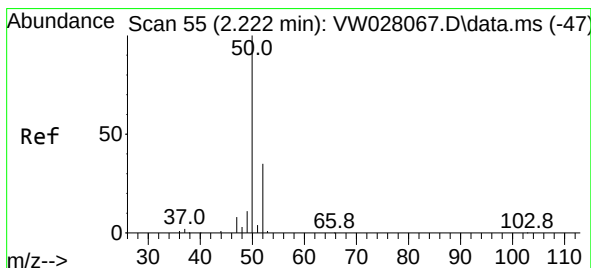
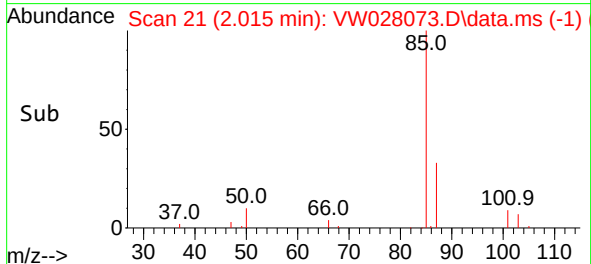
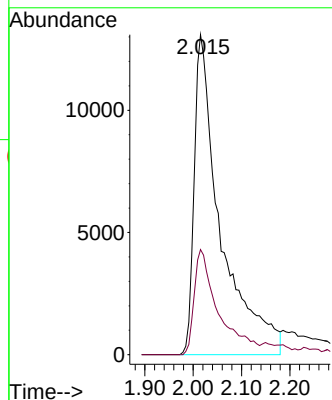
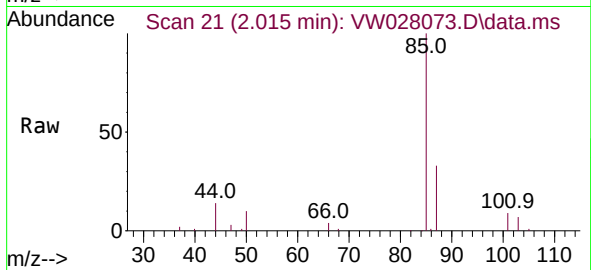




#2
 Dichlorodifluoromethane
 Concen: 23.207 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028073.D
 Acq: 28 Feb 2024 11:14

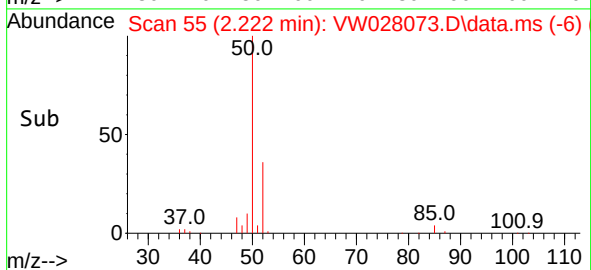
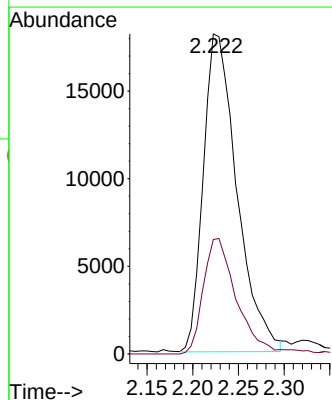
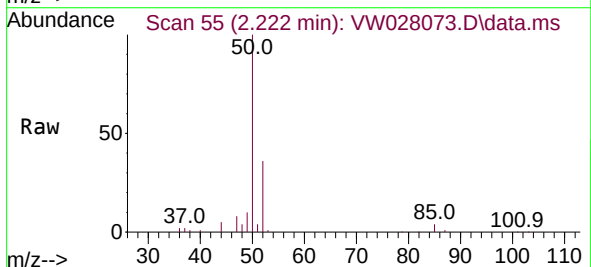
Instrument :
 MSVOA_W
 ClientSampleId :

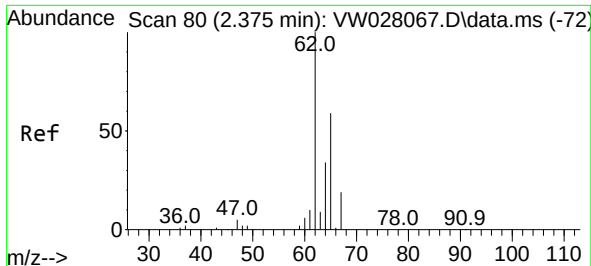
Tgt Ion: 85 Resp: 49524
 Ion Ratio Lower Upper
 85 100
 87 27.8 25.3 37.9



#3
 Chloromethane
 Concen: 19.833 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW028073.D
 Acq: 28 Feb 2024 11:14

Tgt Ion: 50 Resp: 46481
 Ion Ratio Lower Upper
 50 100
 52 35.7 24.3 45.1

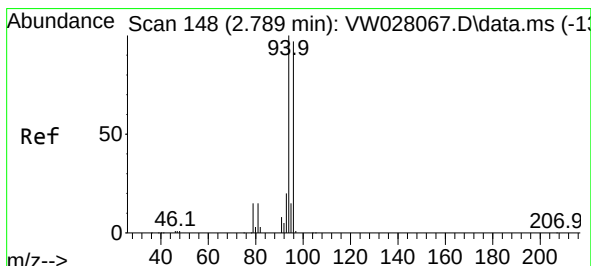
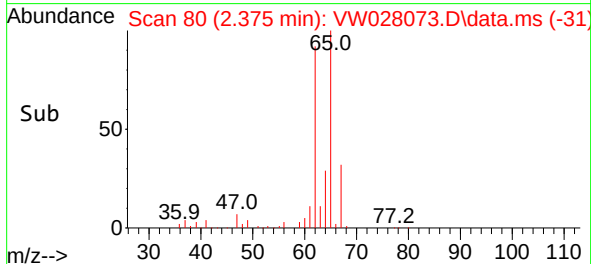
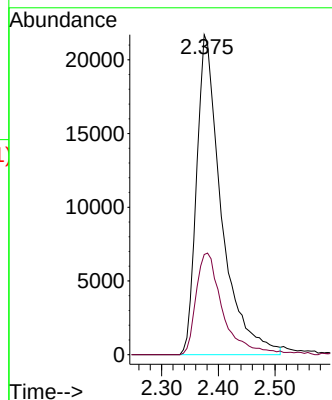
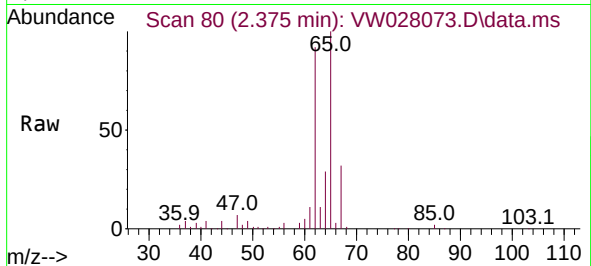




#5
 Vinyl chloride
 Concen: 20.751 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW028073.D
 Acq: 28 Feb 2024 11:14

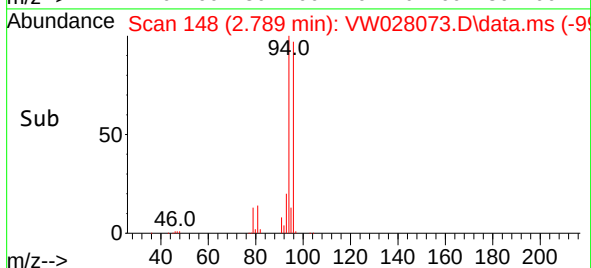
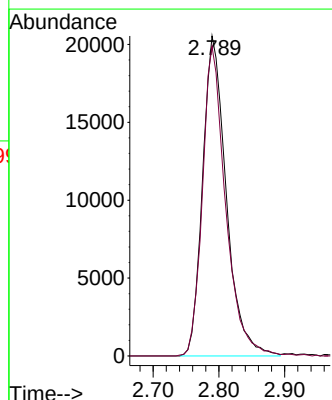
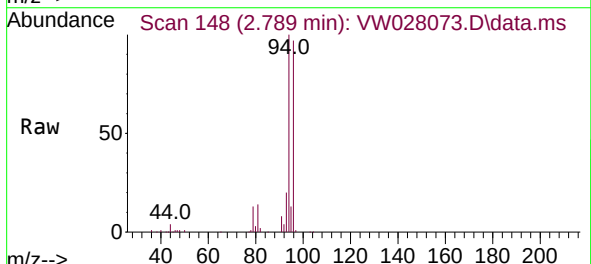
Instrument :
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 ClientSampleId :

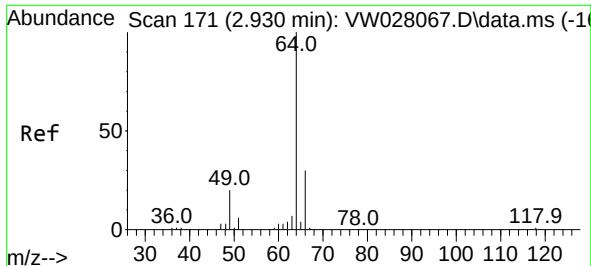
Tgt Ion: 62 Resp: 65914
 Ion Ratio Lower Upper
 62 100
 64 31.3 23.0 42.6



#6
 Bromomethane
 Concen: 22.892 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW028073.D
 Acq: 28 Feb 2024 11:14

Tgt Ion: 94 Resp: 51380
 Ion Ratio Lower Upper
 94 100
 96 96.7 65.3 121.3

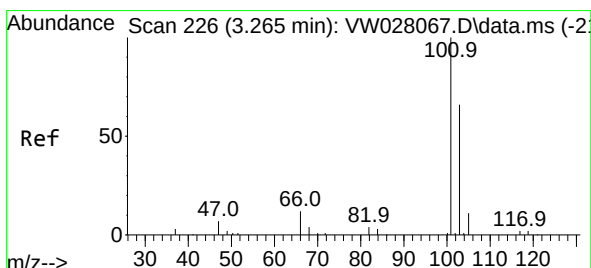
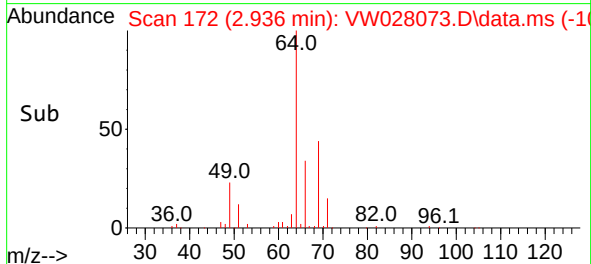
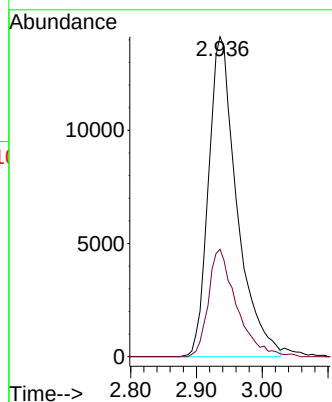
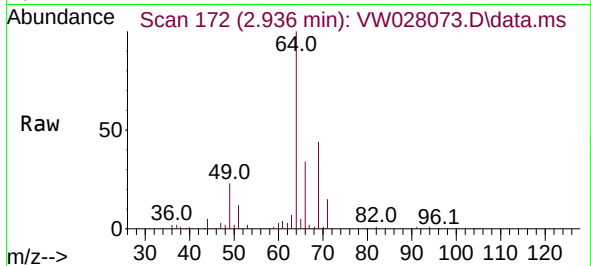




#8
Chloroethane
Concen: 23.595 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

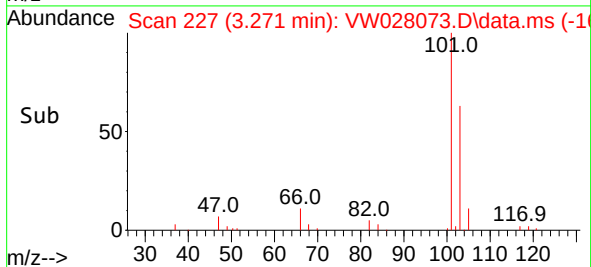
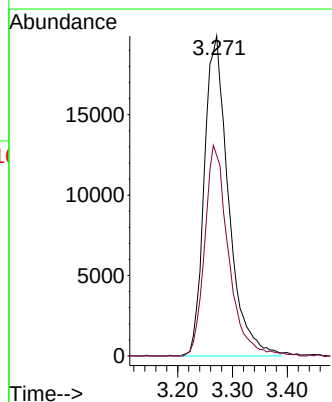
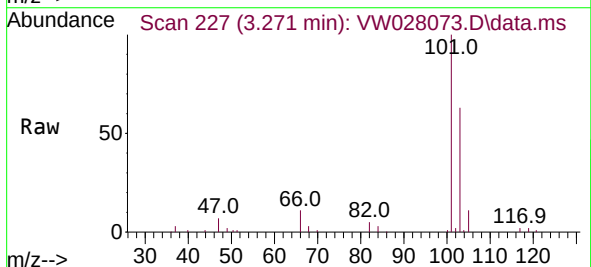
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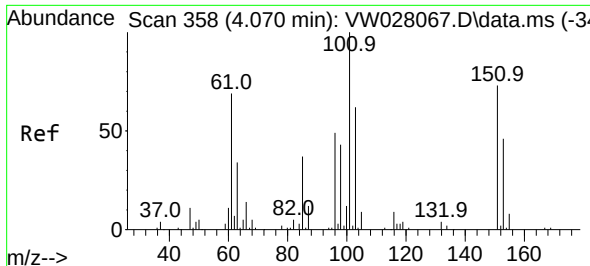
Tgt Ion: 64 Resp: 42347
Ion Ratio Lower Upper
64 100
66 33.6 20.9 38.7



#9
Trichlorofluoromethane
Concen: 21.130 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion: 101 Resp: 60998
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4

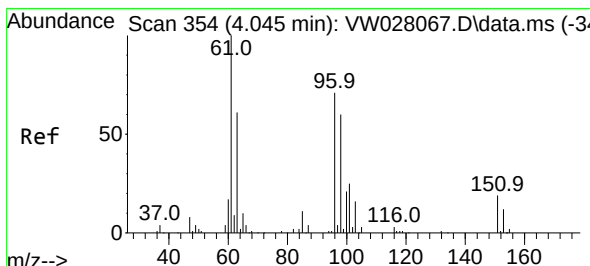
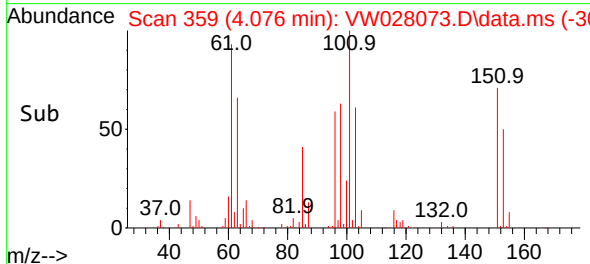
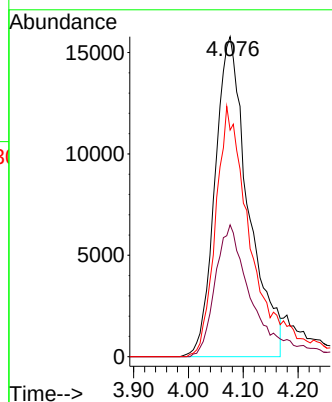
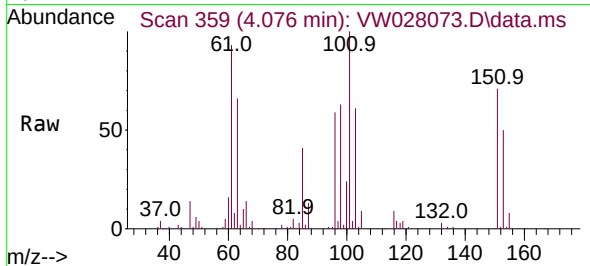




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.952 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW028073.D
 Acq: 28 Feb 2024 11:14

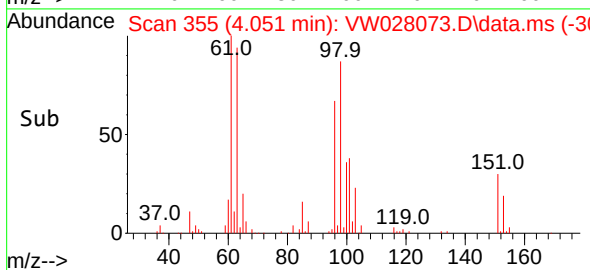
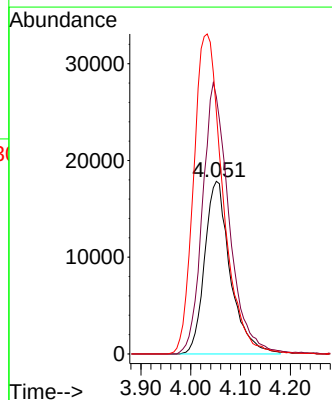
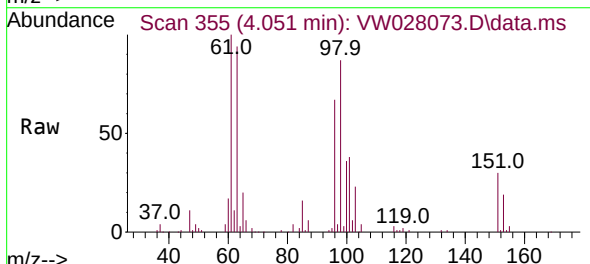
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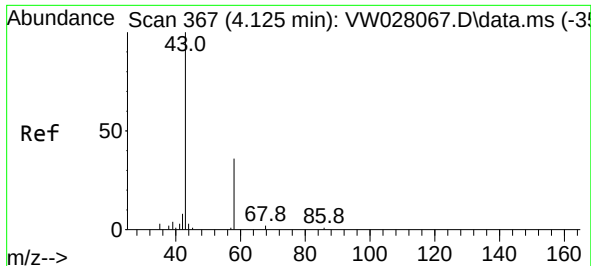
Tgt Ion:101 Resp: 66786
 Ion Ratio Lower Upper
 101 100
 85 40.2 33.8 50.6
 151 74.4 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 23.568 ug/L
 RT: 4.051 min Scan# 355
 Delta R.T. 0.006 min
 Lab File: VW028073.D
 Acq: 28 Feb 2024 11:14

Tgt Ion: 96 Resp: 63795
 Ion Ratio Lower Upper
 96 100
 61 149.0 107.4 199.4
 63 140.4 86.0 159.6





#13

Acetone

Concen: 62.075 ug/L

RT: 4.125 min Scan# 30

Delta R.T. 0.000 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

Instrument :

MSVOA_W

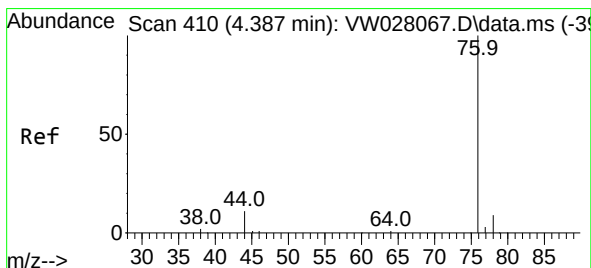
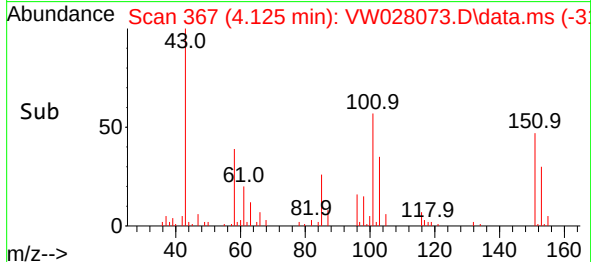
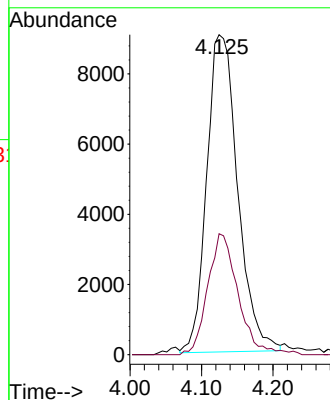
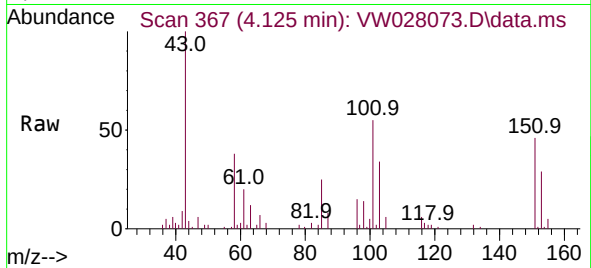
ClientSampleId :

Tgt Ion: 43 Resp: 27221

Ion Ratio Lower Upper

43 100

58 36.8 0.0 66.0



#14

Carbon disulfide

Concen: 19.059 ug/L

RT: 4.393 min Scan# 411

Delta R.T. 0.006 min

Lab File: VW028073.D

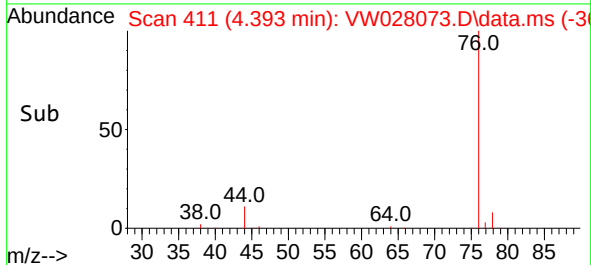
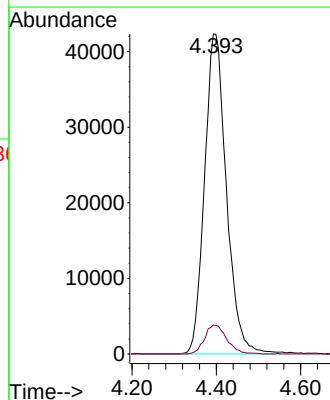
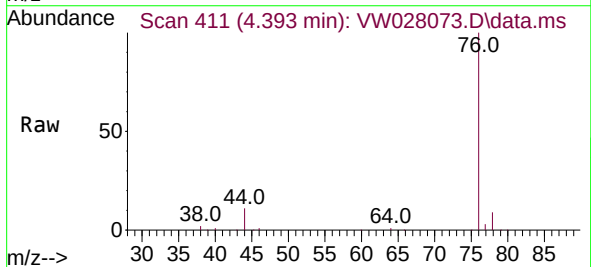
Acq: 28 Feb 2024 11:14

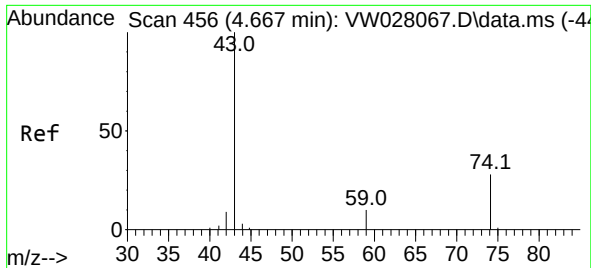
Tgt Ion: 76 Resp: 152733

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

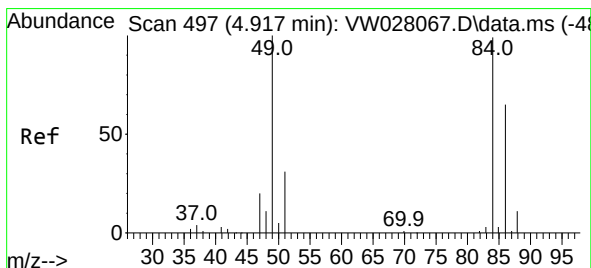
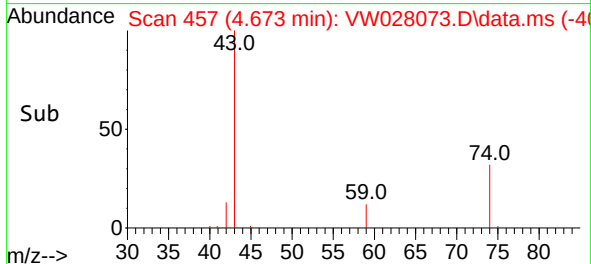
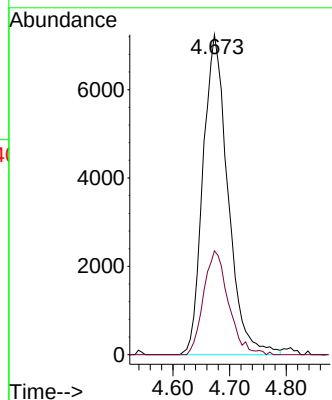
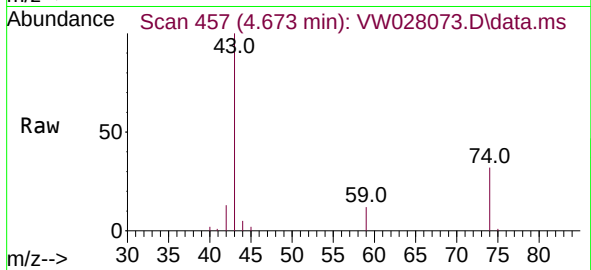




#15
Methyl Acetate
Concen: 30.332 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

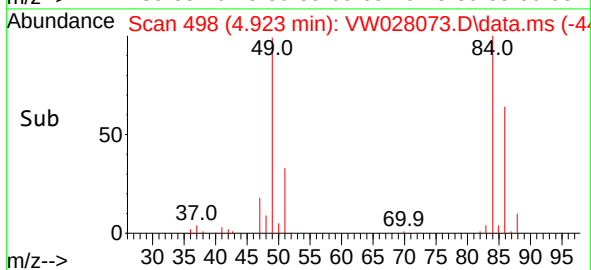
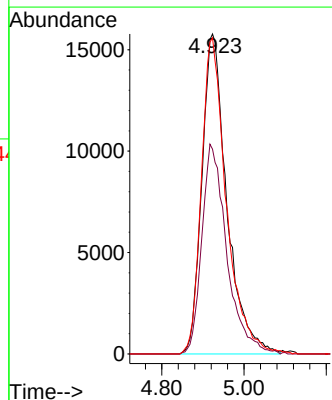
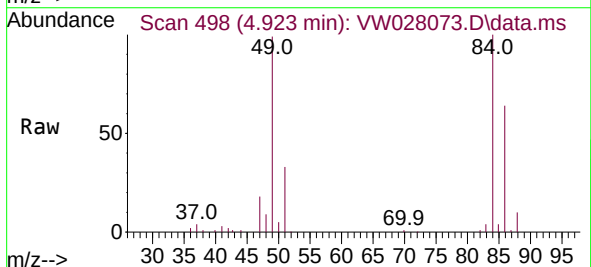
Instrument :
MSVOA_W
ClientSampleId :

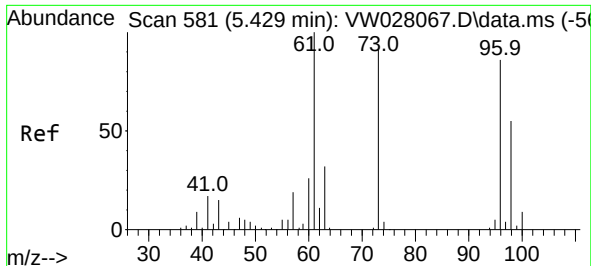
Tgt Ion: 43 Resp: 22143
Ion Ratio Lower Upper
43 100
74 32.0 24.2 36.2



#16
Methylene chloride
Concen: 21.481 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

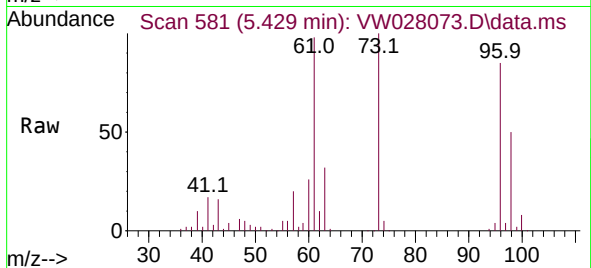
Tgt Ion: 84 Resp: 66534
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.4
49 98.8 66.3 123.1



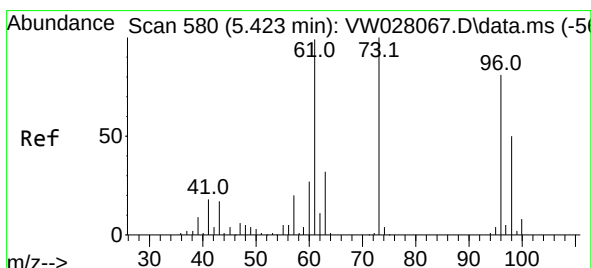
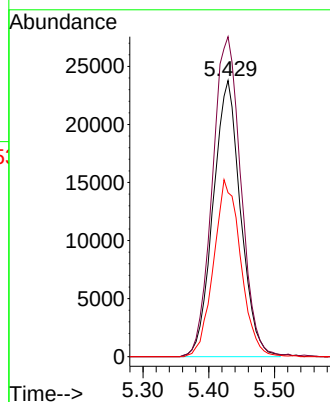
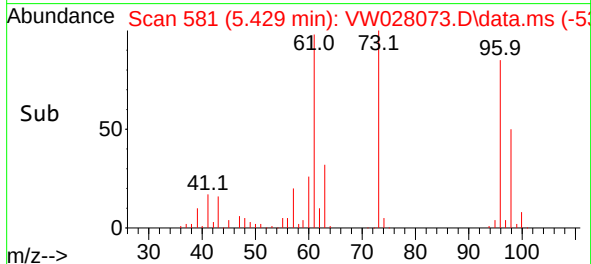


#17
trans-1,2-Dichloroethene
Concen: 23.773 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

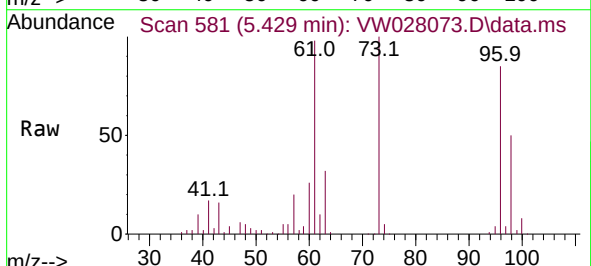
Instrument :
MSVOA_W
ClientSampleId :



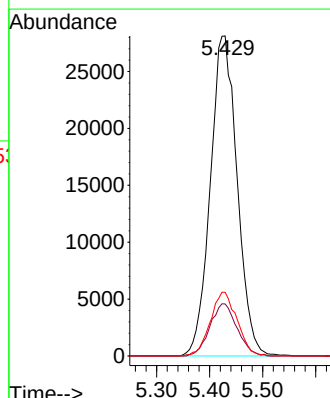
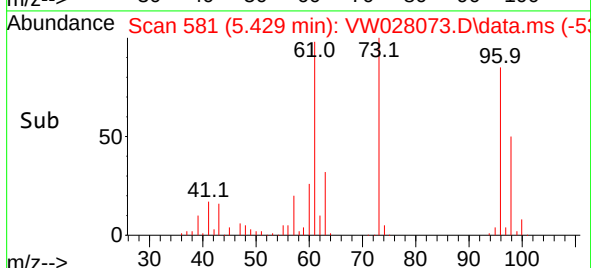
Tgt Ion:	96	Resp:	69139
Ion	Ratio	Lower	Upper
96	100		
61	115.9	80.1	148.7
98	59.4	43.8	81.4

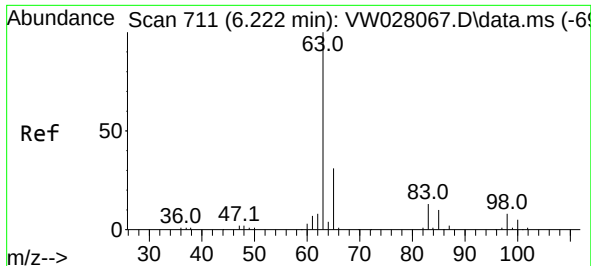


#18
Methyl tert-butyl Ether
Concen: 28.709 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.006 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14



Tgt Ion:	73	Resp:	98981
Ion	Ratio	Lower	Upper
73	100		
43	16.4	13.4	20.0
57	19.8	16.3	24.5

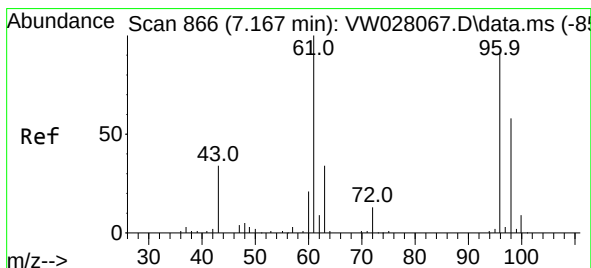
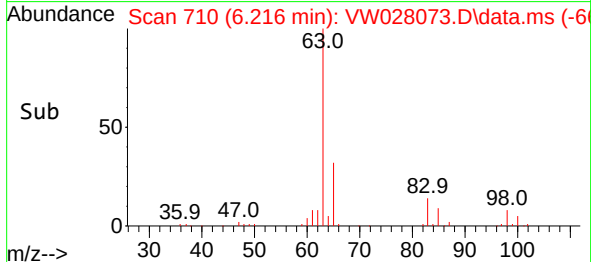
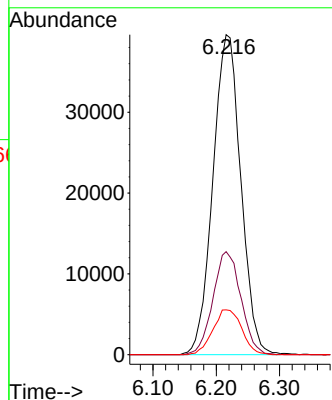
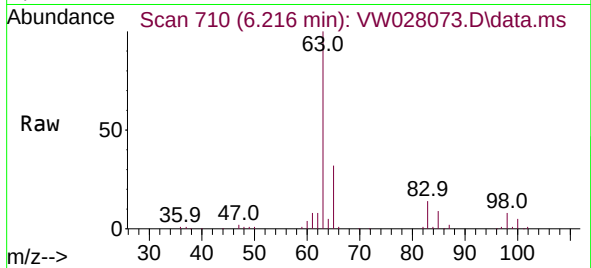




#19
 1,1-Dichloroethane
 Concen: 25.668 ug/L
 RT: 6.216 min Scan# 711
 Delta R.T. -0.006 min
 Lab File: VW028073.D
 Acq: 28 Feb 2024 11:14

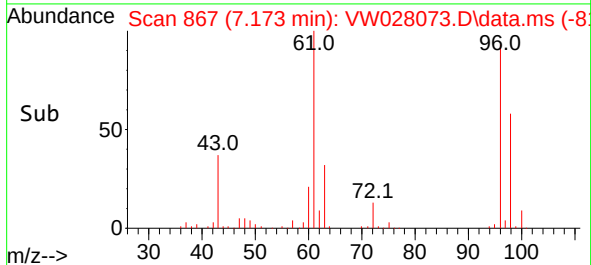
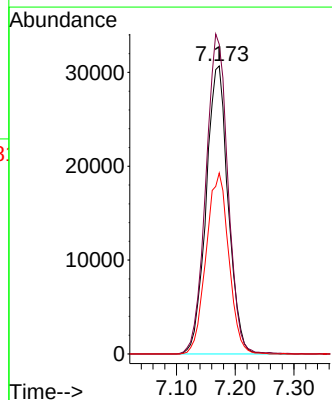
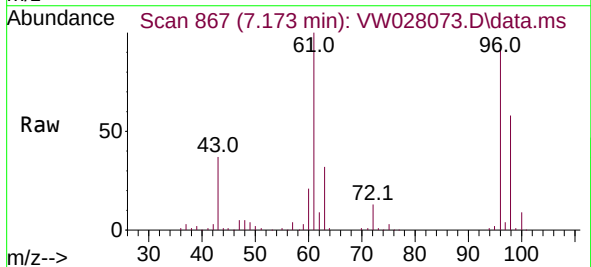
Instrument :
 MSVOA_W
 ClientSampleId :

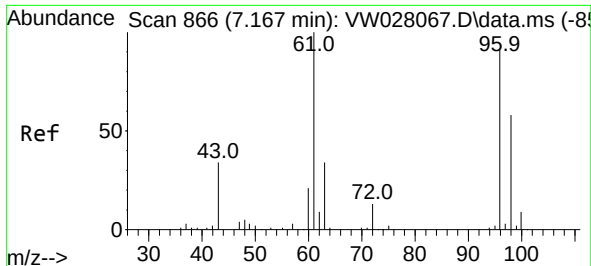
Tgt Ion: 63 Resp: 121270
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.1 42.9
 83 14.0 9.9 18.3



#20
 cis-1,2-Dichloroethene
 Concen: 26.046 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW028073.D
 Acq: 28 Feb 2024 11:14

Tgt Ion: 96 Resp: 79989
 Ion Ratio Lower Upper
 96 100
 61 107.5 76.3 141.7
 98 62.8 42.9 79.7

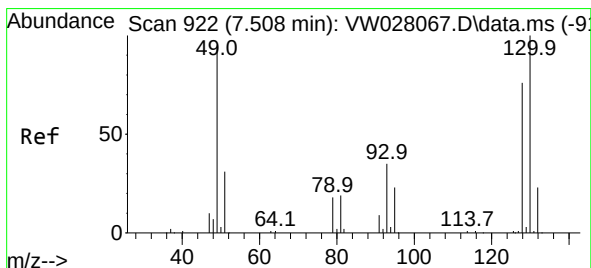
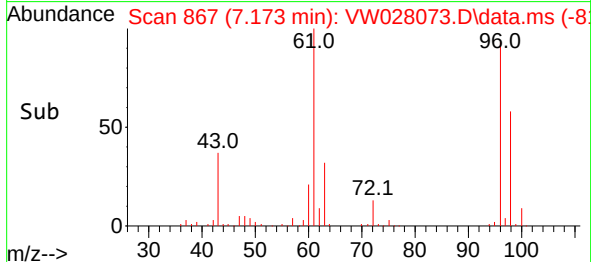
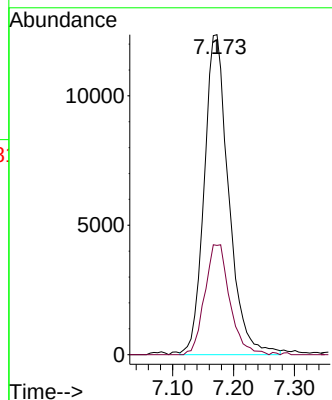
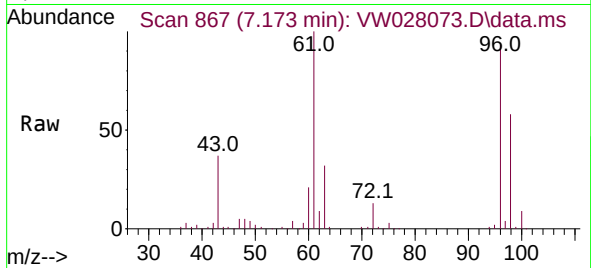




#22
2-Butanone
Concen: 68.410 ug/L
RT: 7.173 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

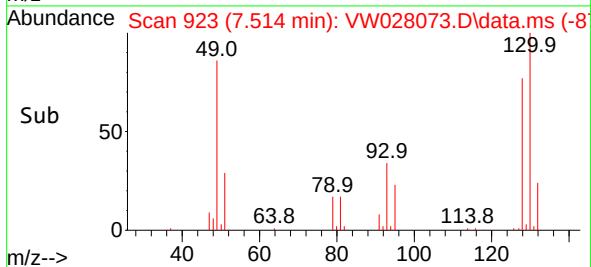
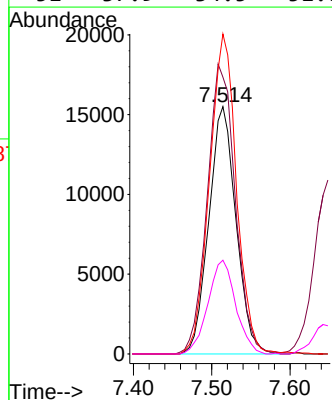
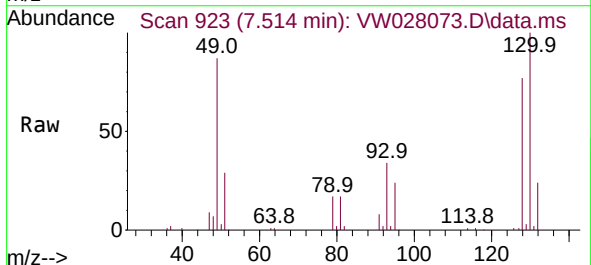
Instrument :
MSVOA_W
ClientSampleId :

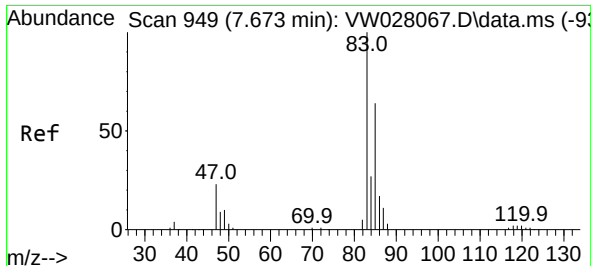
Tgt Ion: 43 Resp: 34629
Ion Ratio Lower Upper
43 100
72 34.8 17.0 50.9



#23
Bromochloromethane
Concen: 27.431 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.006 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion: 128 Resp: 37420
Ion Ratio Lower Upper
128 100
49 111.9 93.2 173.2
130 129.4 97.4 180.8
51 37.9 34.5 51.7

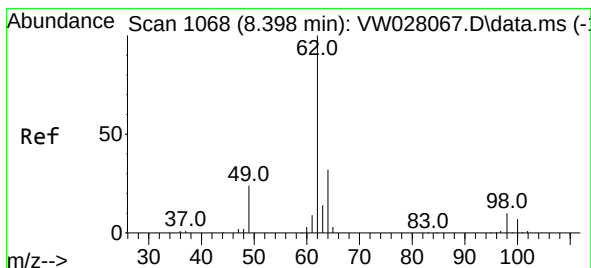
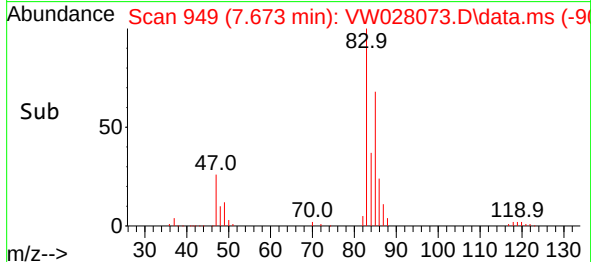
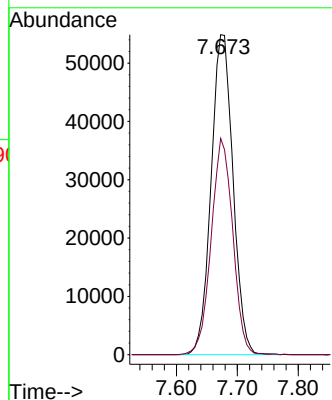
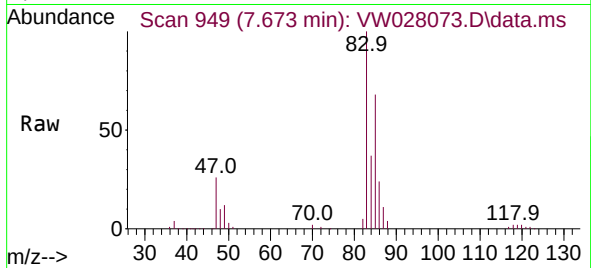




#25
Chloroform
Concen: 26.951 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

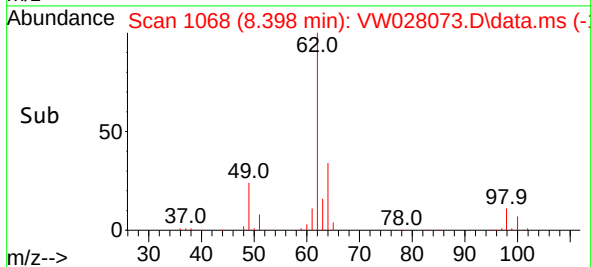
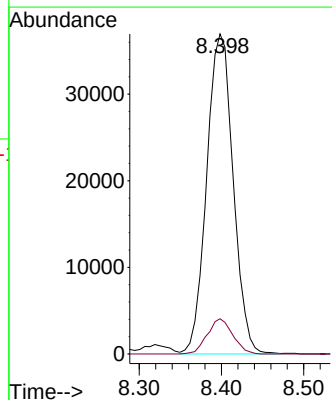
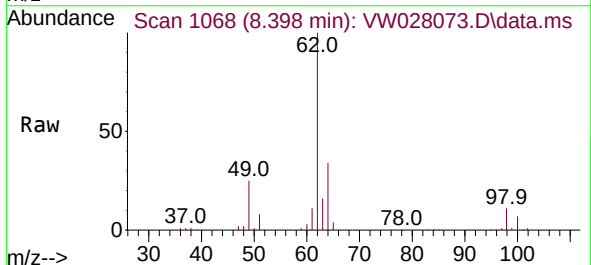
Instrument :
MSVOA_W
ClientSampleId :

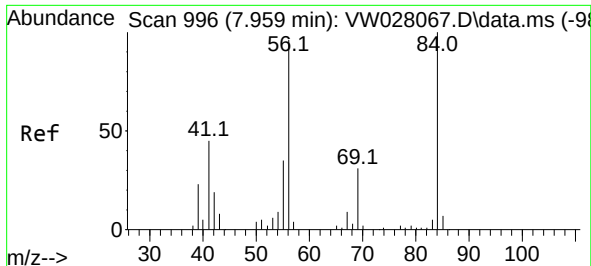
Tgt Ion: 83 Resp: 136886
Ion Ratio Lower Upper
83 100
85 67.6 46.6 86.6



#27
1,2-Dichloroethane
Concen: 29.216 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion: 62 Resp: 82634
Ion Ratio Lower Upper
62 100
98 11.0 9.4 14.2





#29

Cyclohexane

Concen: 21.506 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

Instrument :

MSVOA_W

ClientSampleId :

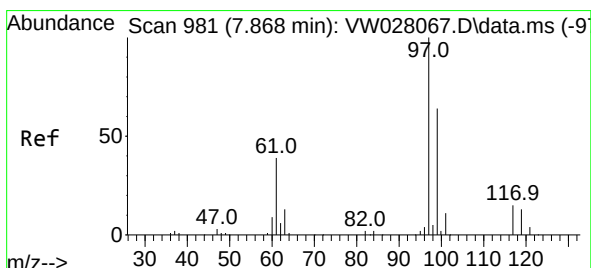
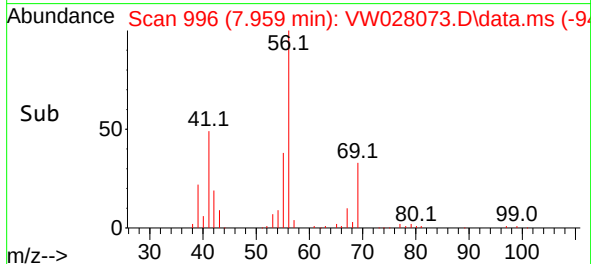
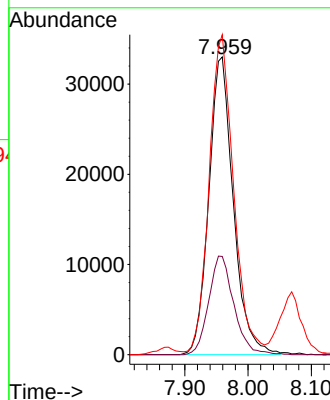
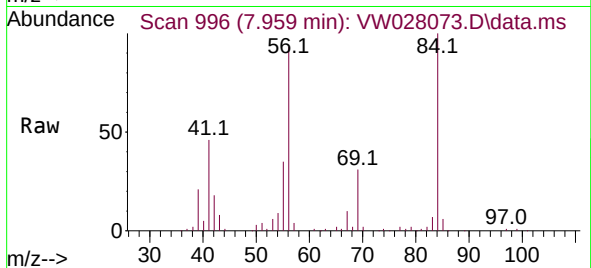
Tgt Ion: 56 Resp: 88947

Ion Ratio Lower Upper

56 100

69 33.9 26.3 39.5

84 107.4 81.6 122.4



#30

1,1,1-Trichloroethane

Concen: 25.587 ug/L

RT: 7.868 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

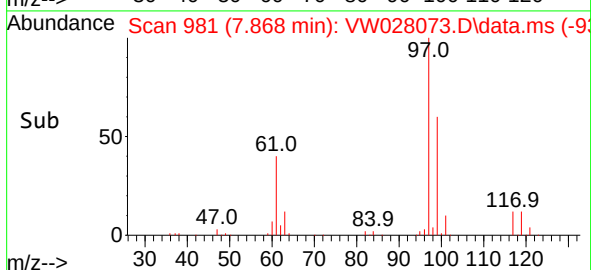
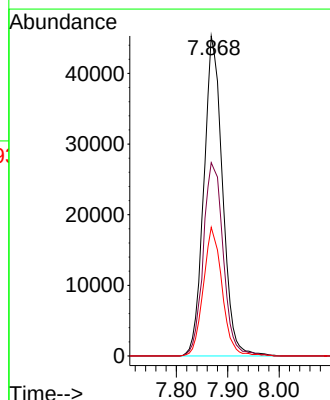
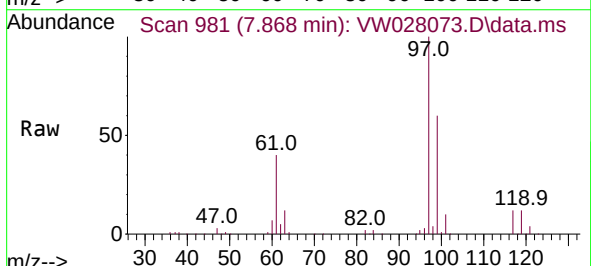
Tgt Ion: 97 Resp: 114614

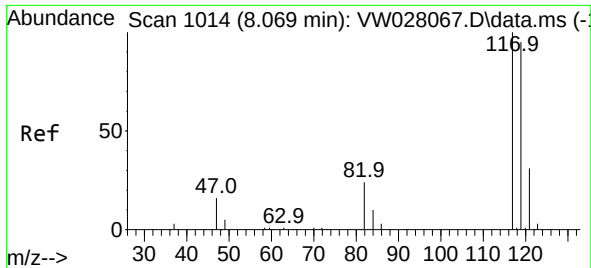
Ion Ratio Lower Upper

97 100

99 64.6 51.4 77.0

61 39.8 32.9 49.3

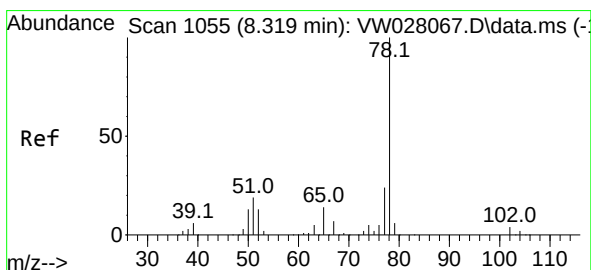
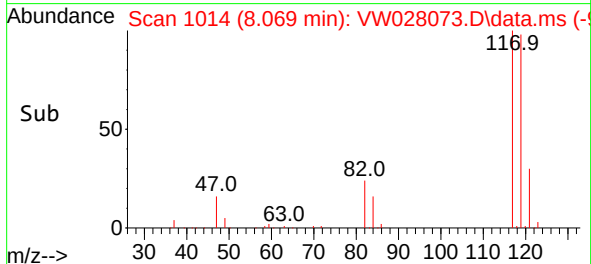
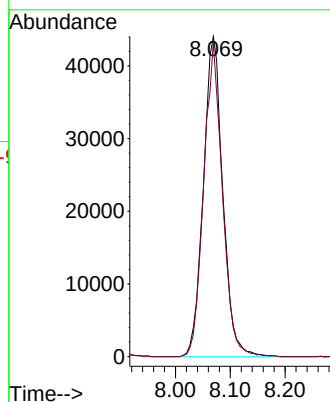
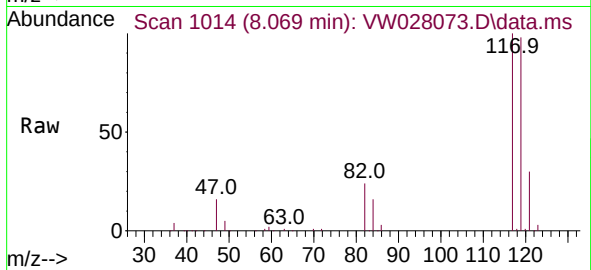




#31
Carbon tetrachloride
Concen: 26.102 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

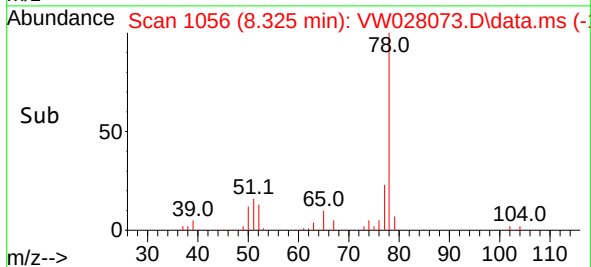
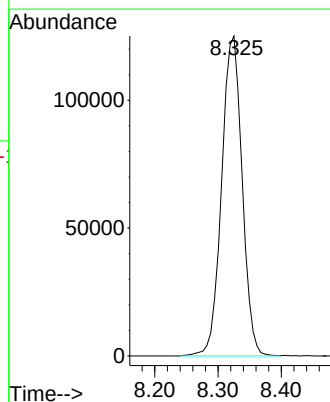
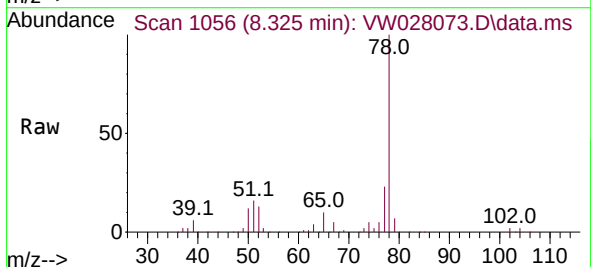
Instrument :
MSVOA_W
ClientSampleId :

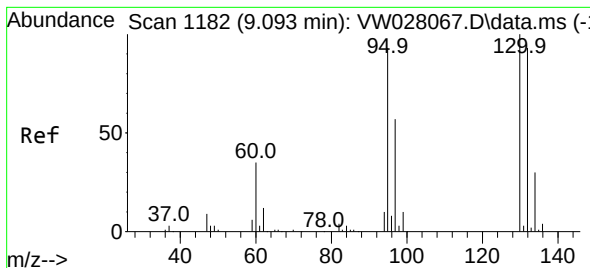
Tgt Ion:117 Resp: 108168
Ion Ratio Lower Upper
117 100
119 94.6 76.5 114.7



#33
Benzene
Concen: 24.276 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion: 78 Resp: 281347





#34

Trichloroethene

Concen: 23.846 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 79337

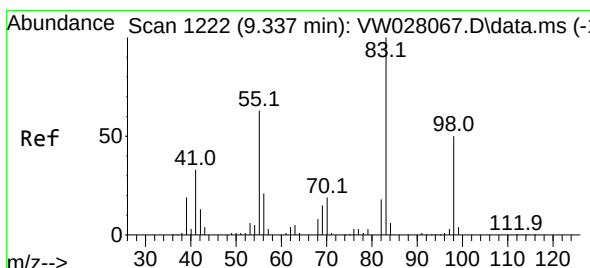
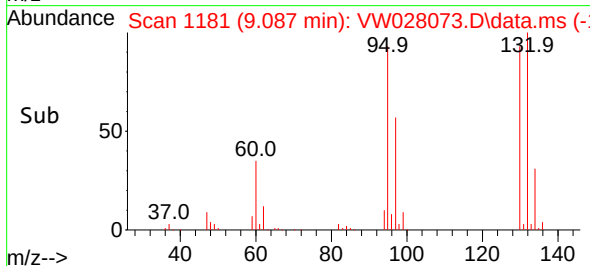
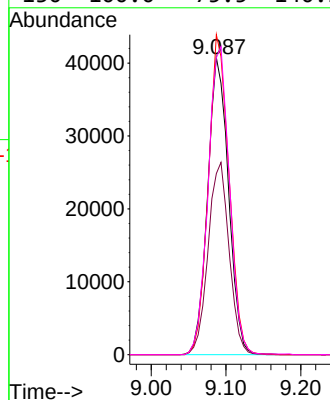
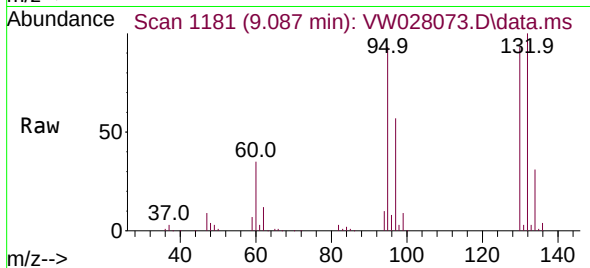
Ion Ratio Lower Upper

95 100

97 61.0 44.3 82.3

132 107.7 68.0 126.2

130 100.0 75.5 140.3



#35

Methylcyclohexane

Concen: 22.507 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

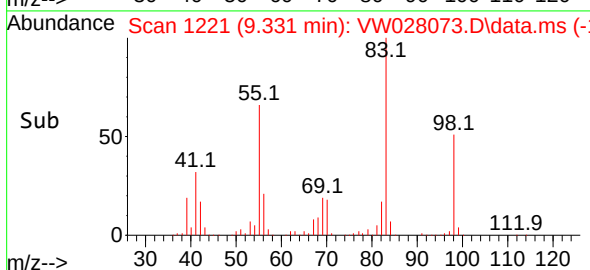
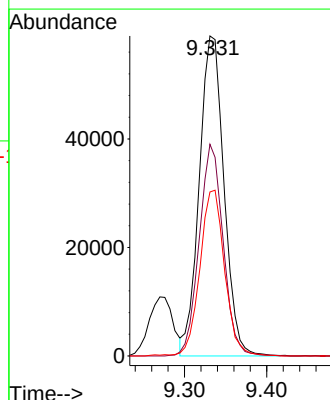
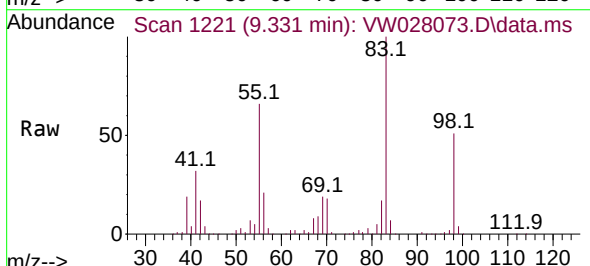
Tgt Ion: 83 Resp: 123223

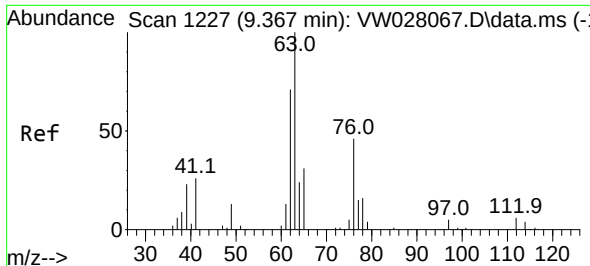
Ion Ratio Lower Upper

83 100

55 64.1 52.3 78.5

98 51.8 41.9 62.9





#37

1,2-Dichloropropane

Concen: 25.144 ug/L

RT: 9.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

Instrument :

MSVOA_W

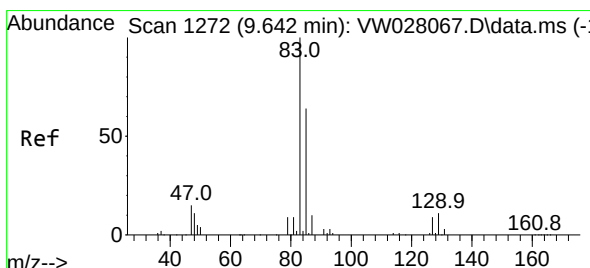
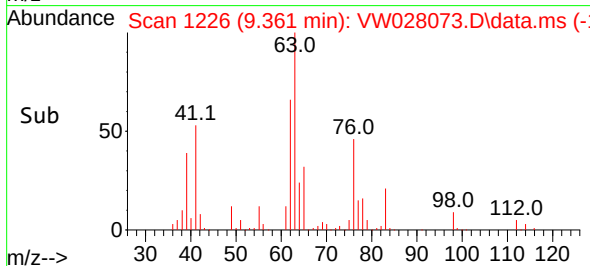
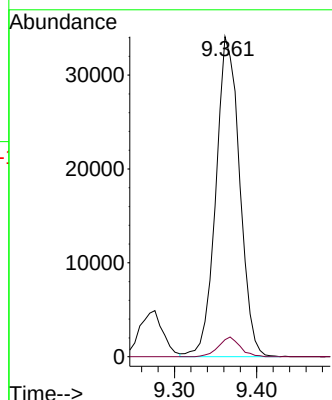
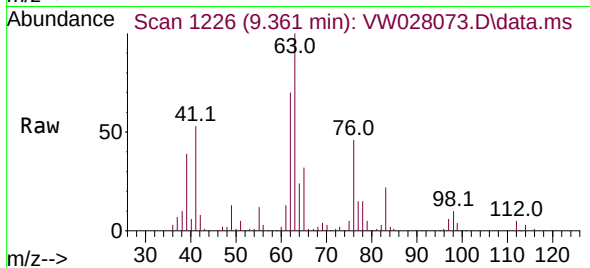
ClientSampleId :

Tgt Ion: 63 Resp: 68479

Ion Ratio Lower Upper

63 100

112 5.5 4.2 6.2



#38

Bromodichloromethane

Concen: 27.667 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

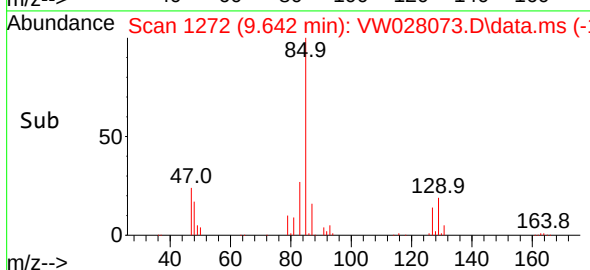
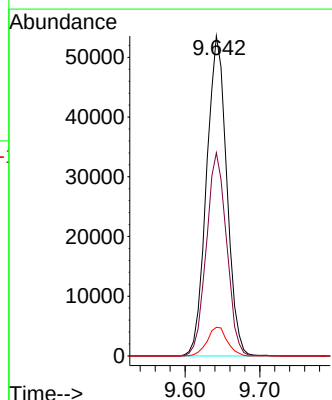
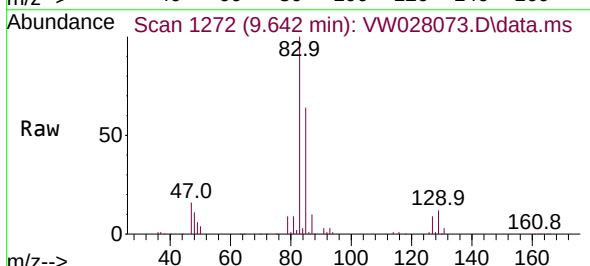
Tgt Ion: 83 Resp: 100578

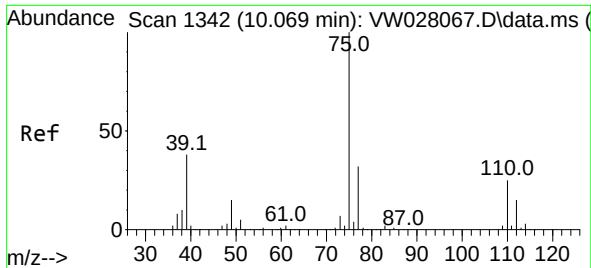
Ion Ratio Lower Upper

83 100

85 63.5 44.7 83.1

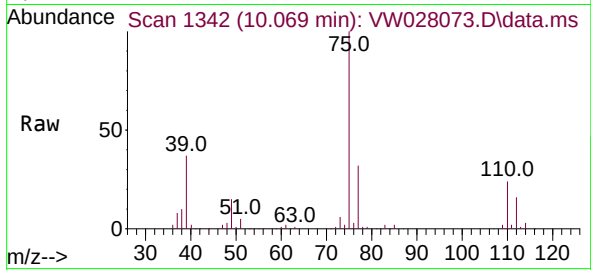
127 9.0 7.1 10.7



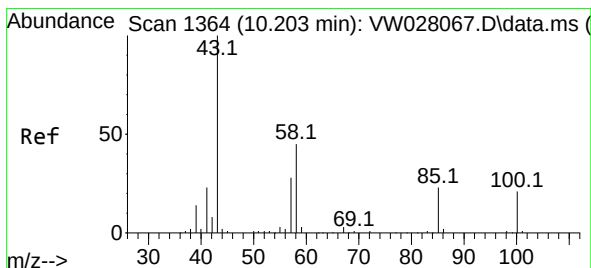
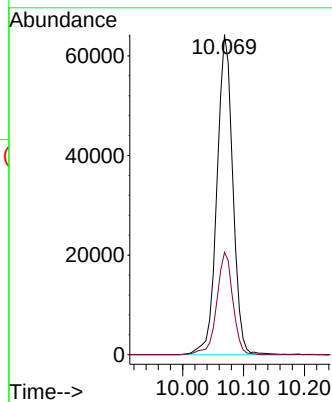
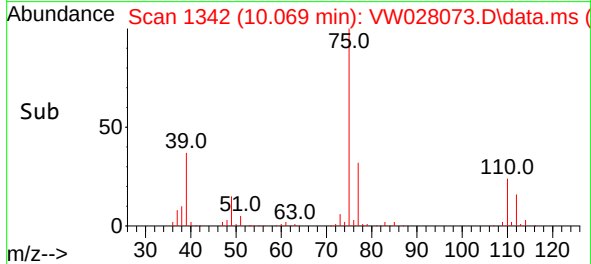


#39
cis-1,3-Dichloropropene
Concen: 26.629 ug/L
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

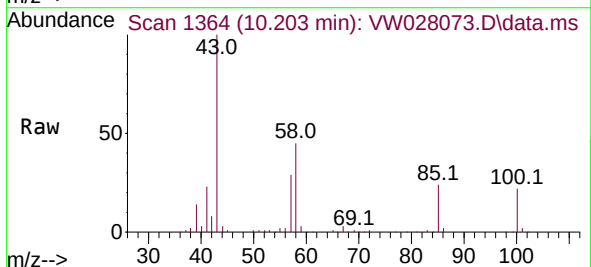
Instrument :
MSVOA_W
ClientSampleId :



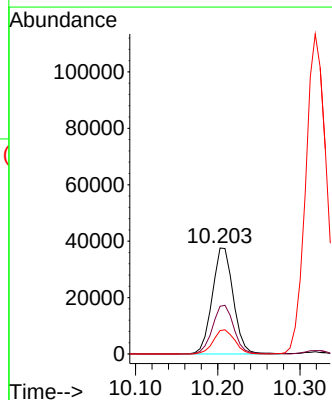
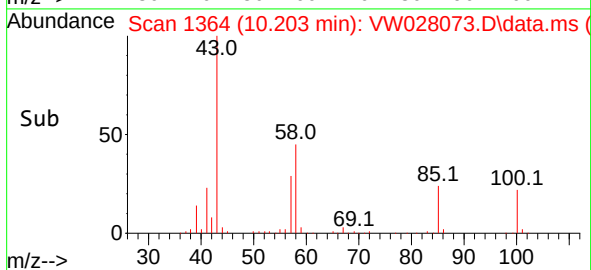
Tgt Ion: 75 Resp: 116239
Ion Ratio Lower Upper
75 100
77 32.0 22.4 41.6

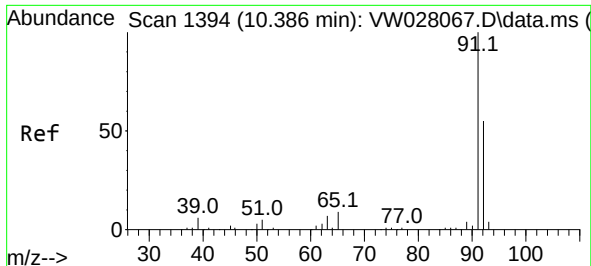


#40
4-Methyl-2-pentanone
Concen: 65.132 ug/L
RT: 10.203 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14



Tgt Ion: 43 Resp: 66951
Ion Ratio Lower Upper
43 100
58 46.4 36.7 55.1
100 23.0 18.4 27.6

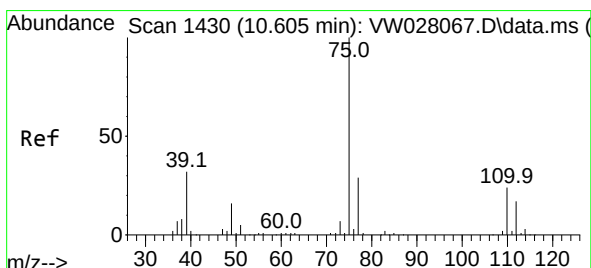
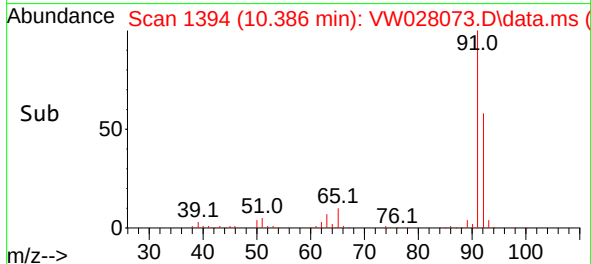
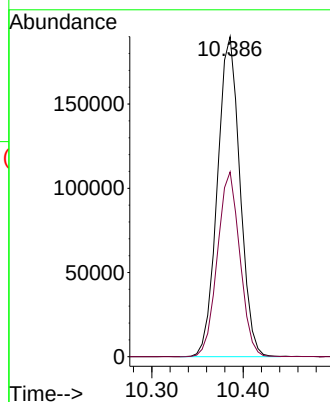
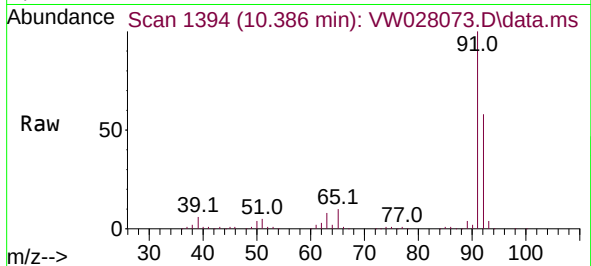




#42
Toluene
Concen: 25.095 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

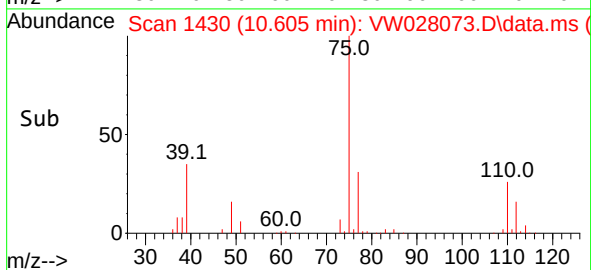
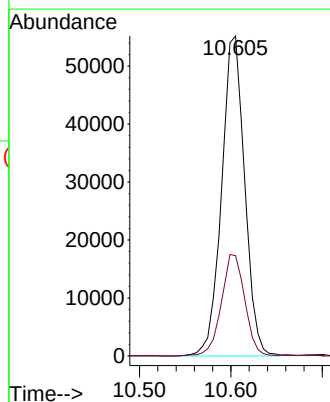
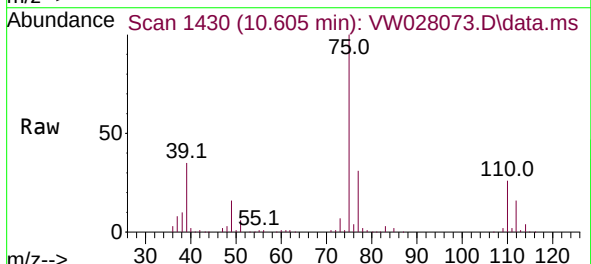
Instrument :
MSVOA_W
ClientSampleId :

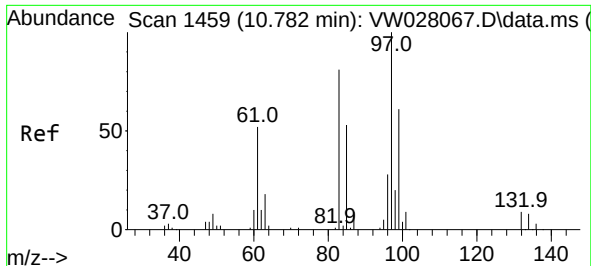
Tgt Ion: 91 Resp: 326101
Ion Ratio Lower Upper
91 100
92 57.8 38.8 72.0



#44
trans-1,3-Dichloropropene
Concen: 27.958 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion: 75 Resp: 96866
Ion Ratio Lower Upper
75 100
77 31.3 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 27.480 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 59237

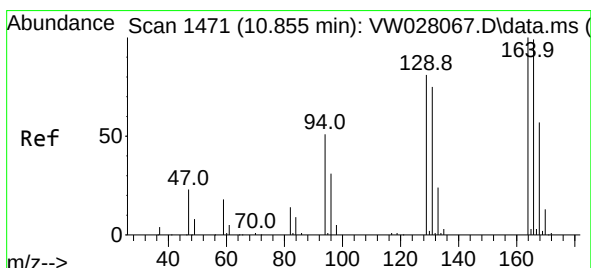
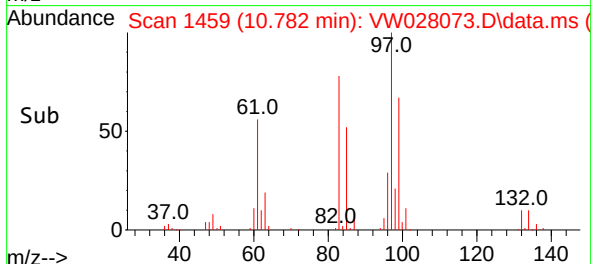
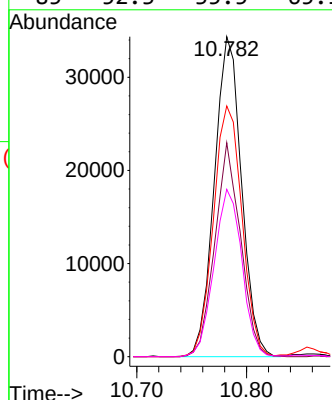
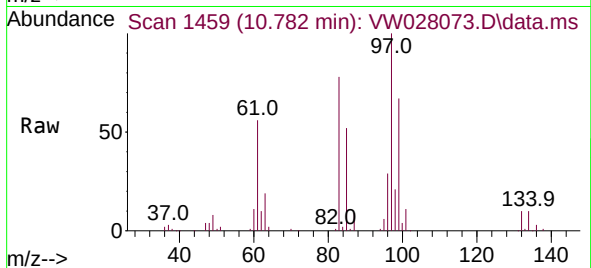
Ion Ratio Lower Upper

97 100

99 66.9 43.3 80.5

83 78.4 57.2 106.2

85 52.3 35.5 65.9



#46

Tetrachloroethene

Concen: 22.707 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

Tgt Ion:164 Resp: 63569

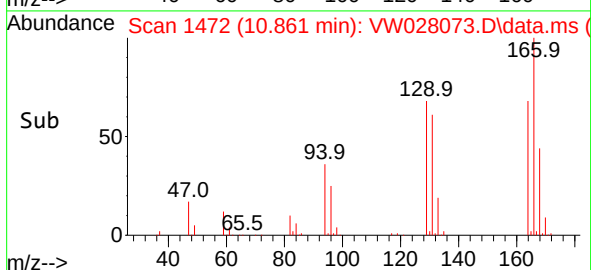
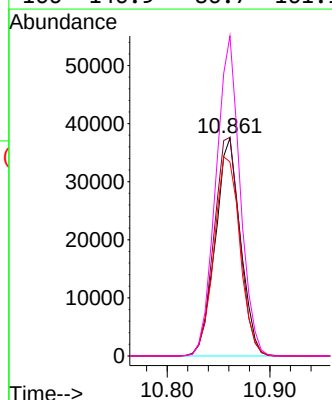
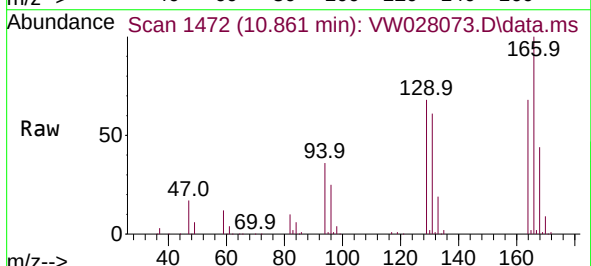
Ion Ratio Lower Upper

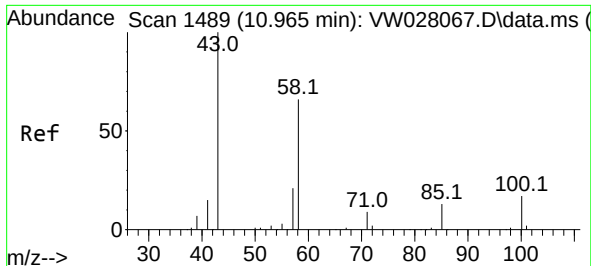
164 100

129 100.4 59.4 110.2

131 89.1 65.0 120.6

166 146.9 86.7 161.1

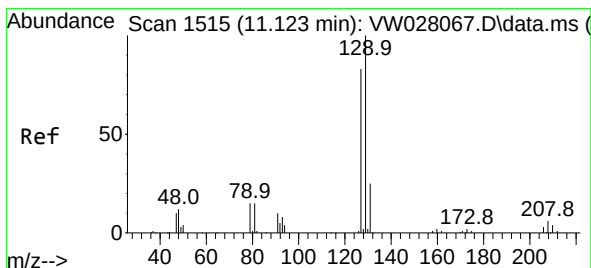
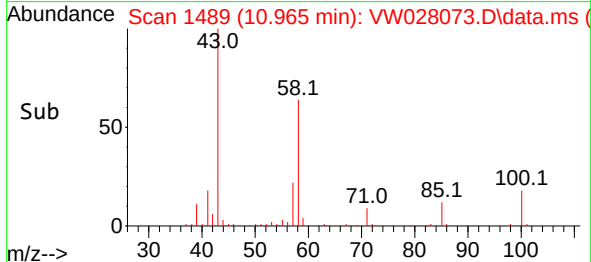
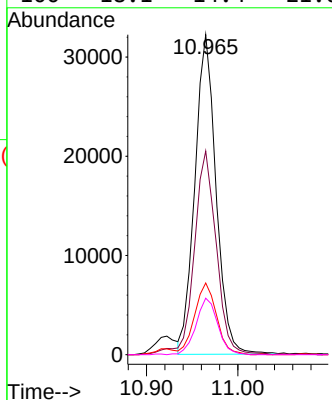
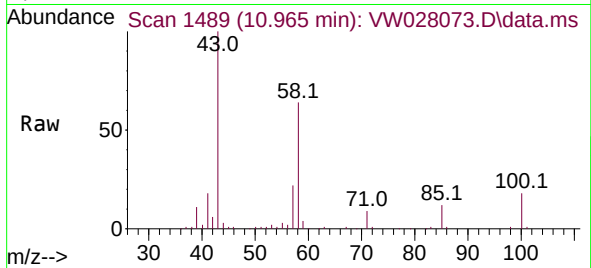




#48
2-Hexanone
Concen: 66.792 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

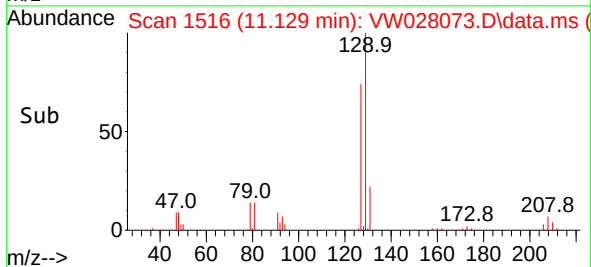
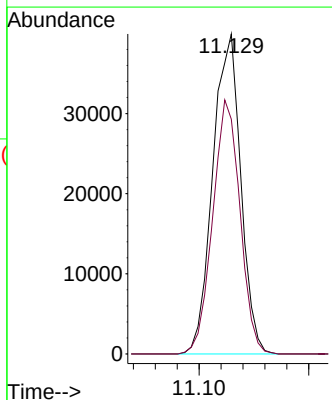
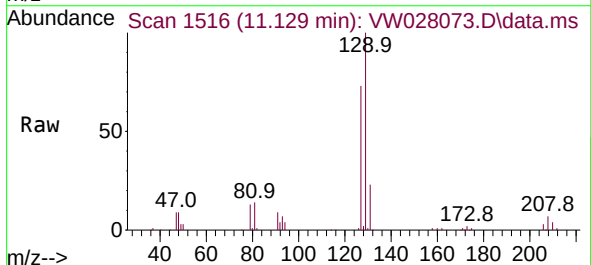
Instrument :
MSVOA_W
ClientSampleId :

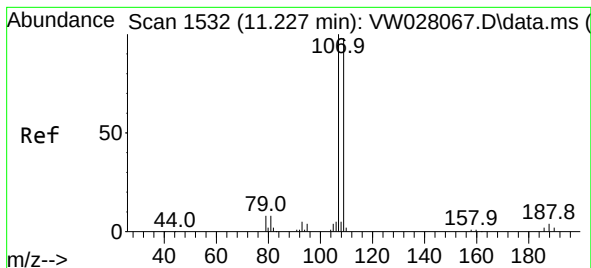
Tgt Ion: 43	Resp: 52003
Ion Ratio	Lower Upper
43 100	
58 64.6	51.4 77.2
57 23.2	17.4 26.2
100 18.1	14.4 21.6



#49
Dibromochloromethane
Concen: 28.804 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion:129	Resp: 70789		
Ion Ratio	Lower	Upper	
129 100			
127 73.4	49.6	92.0	





#50

1,2-Dibromoethane

Concen: 27.952 ug/L

RT: 11.233 min Scan# 1

Delta R.T. 0.006 min

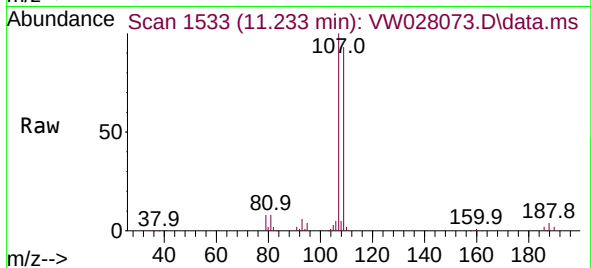
Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

Instrument :

MSVOA_W

ClientSampleId :



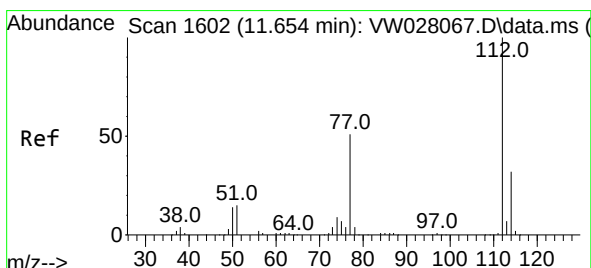
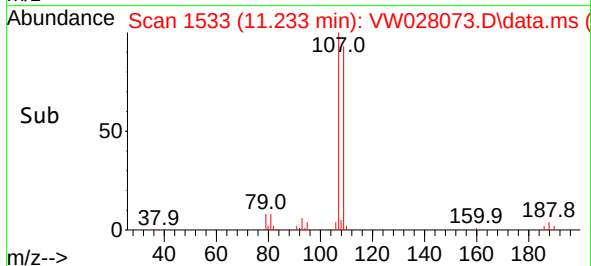
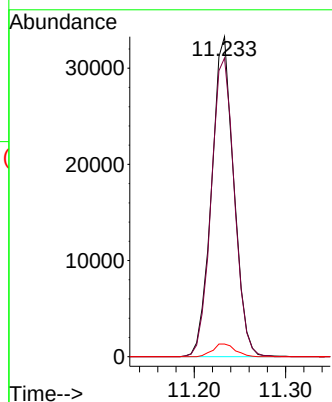
Tgt Ion:107 Resp: 56243

Ion Ratio Lower Upper

107 100

109 93.3 71.2 132.2

188 3.9 3.1 4.7



#51

Chlorobenzene

Concen: 25.366 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

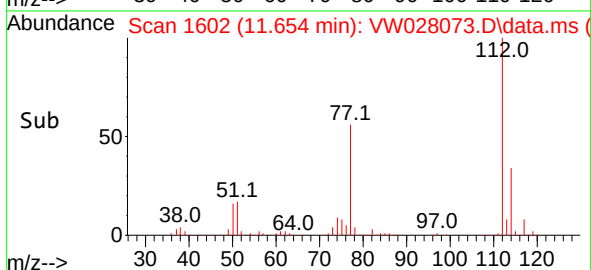
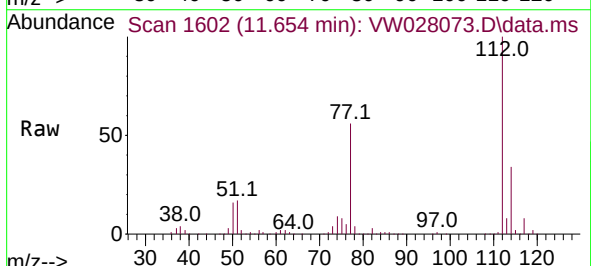
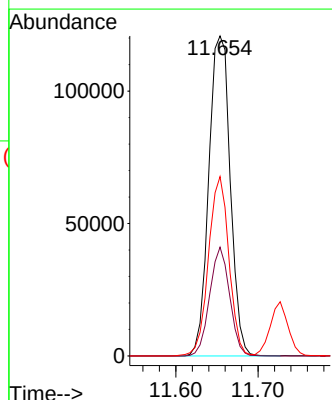
Tgt Ion:112 Resp: 219229

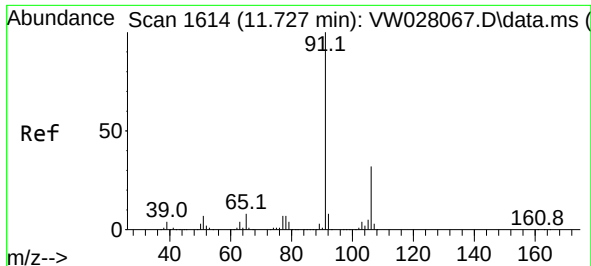
Ion Ratio Lower Upper

112 100

114 34.0 22.7 42.3

77 56.0 42.6 64.0

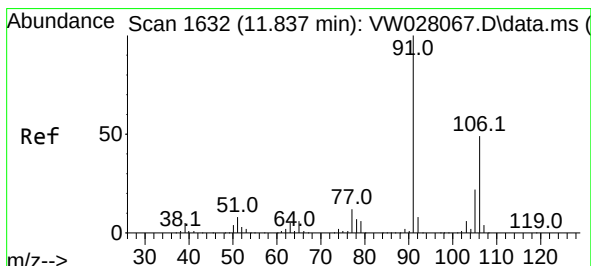
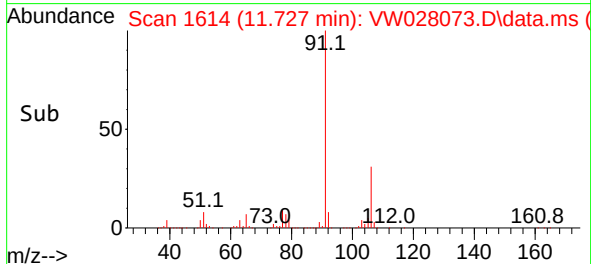
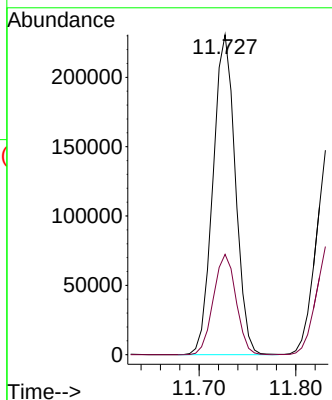
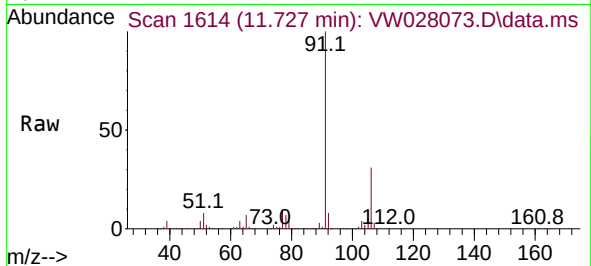




#52
Ethylbenzene
Concen: 25.246 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

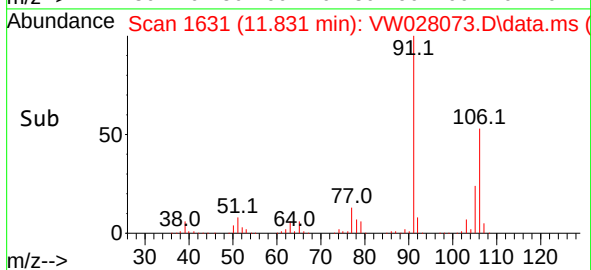
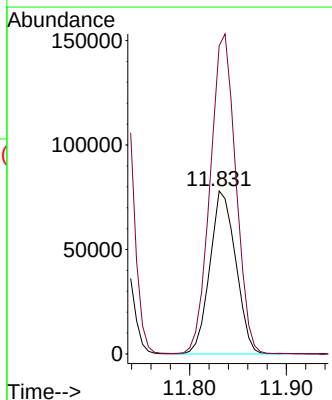
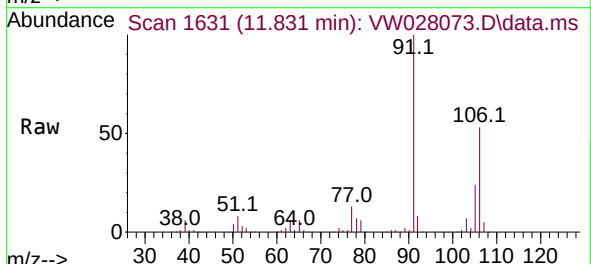
Instrument :
MSVOA_W
ClientSampleId :

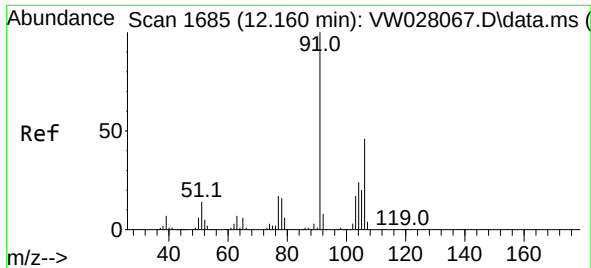
Tgt Ion: 91 Resp: 369881
Ion Ratio Lower Upper
91 100
106 31.4 22.8 42.4



#53
m,p-Xylene
Concen: 25.217 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion:106 Resp: 144890
Ion Ratio Lower Upper
106 100
91 189.0 130.0 241.4

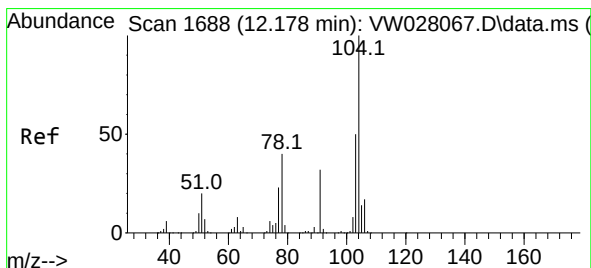
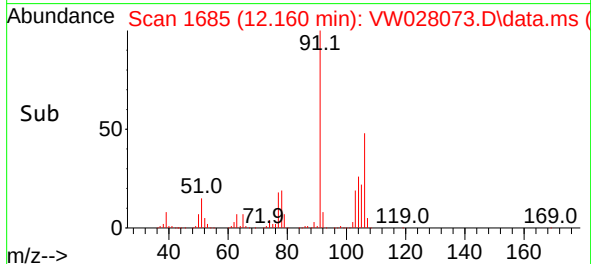
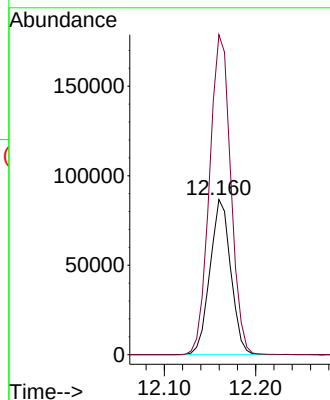
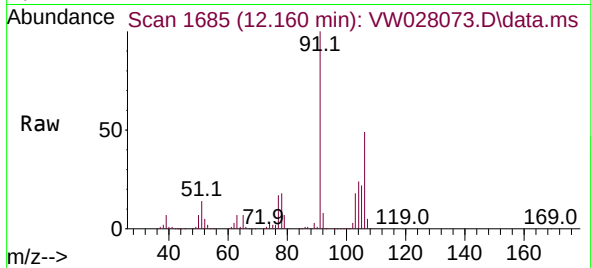




#54
o-Xylene
Concen: 25.406 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

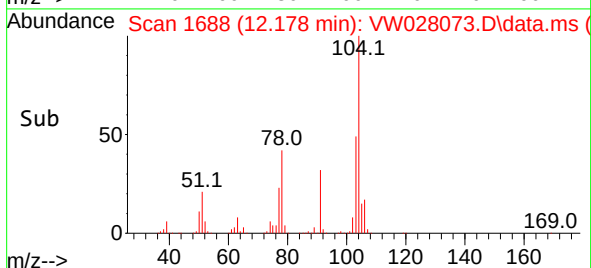
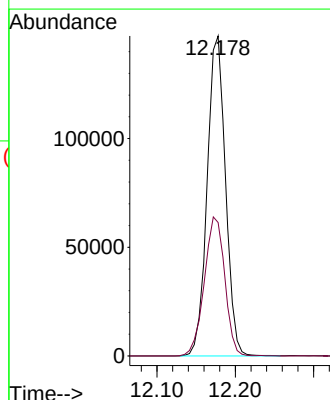
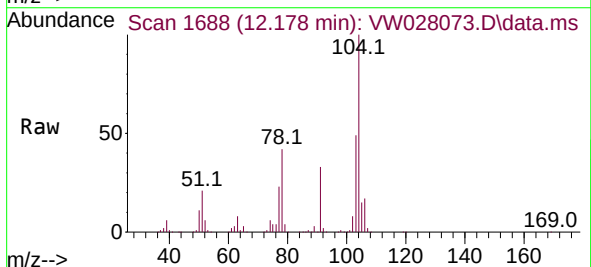
Instrument :
MSVOA_W
ClientSampleId :

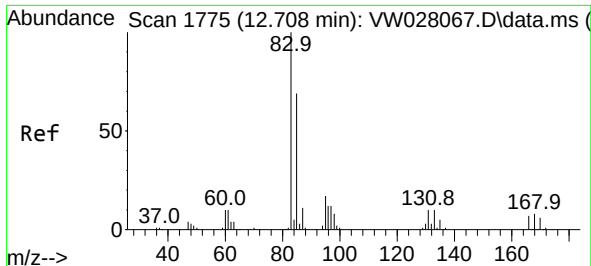
Tgt Ion:106 Resp: 136908
Ion Ratio Lower Upper
106 100
91 206.1 146.4 272.0



#55
Styrene
Concen: 26.640 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion:104 Resp: 239117
Ion Ratio Lower Upper
104 100
78 41.7 28.3 52.7

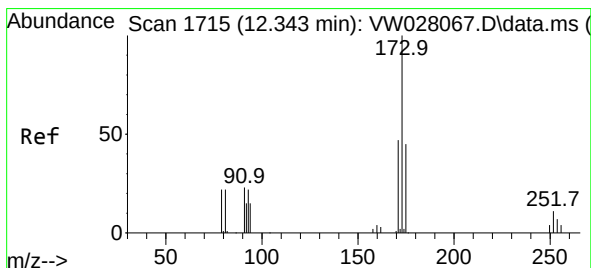
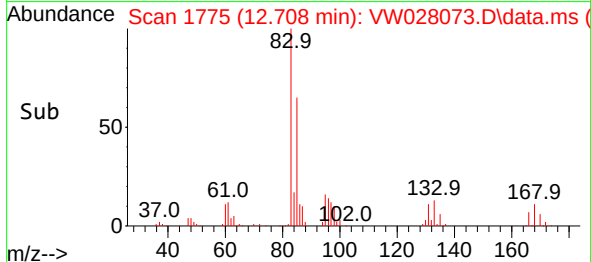
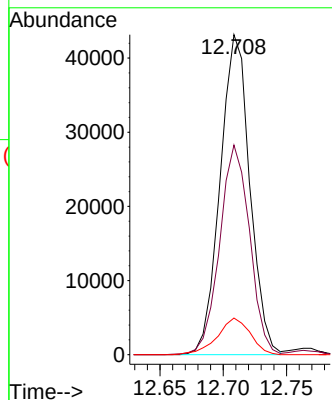
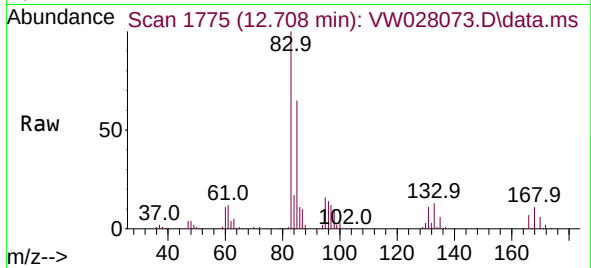




#57
1,1,2-Tetrachloroethane
Concen: 30.509 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

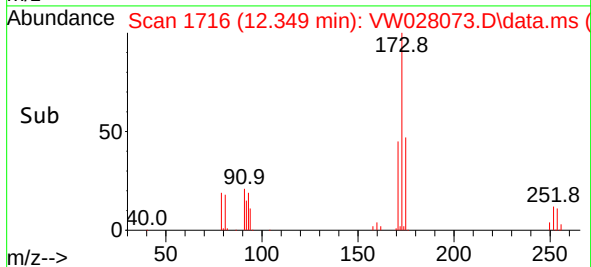
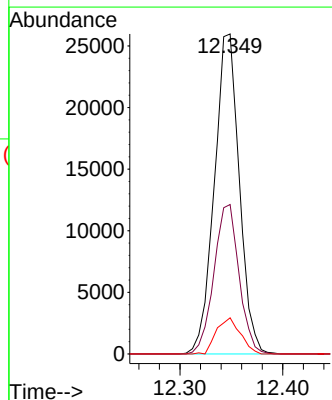
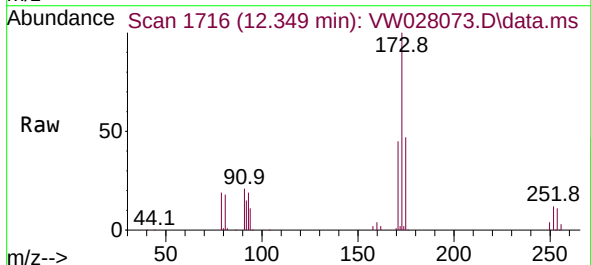
Instrument :
MSVOA_W
ClientSampleId :

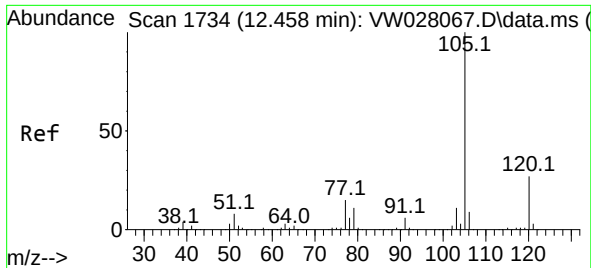
Tgt Ion: 83 Resp: 70426
Ion Ratio Lower Upper
83 100
85 65.5 42.9 79.7
131 11.4 8.7 13.1



#59
Bromoform
Concen: 29.796 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion:173 Resp: 43782
Ion Ratio Lower Upper
173 100
175 46.9 37.8 56.8
254 10.8 8.4 12.6

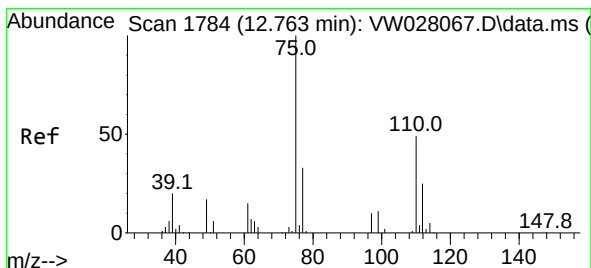
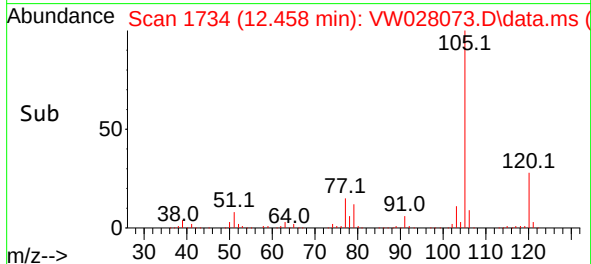
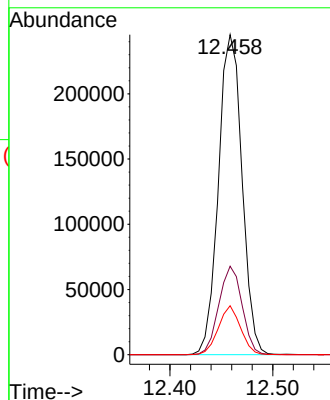
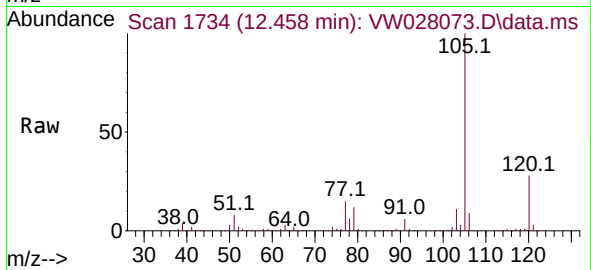




#60
Isopropylbenzene
Concen: 25.139 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

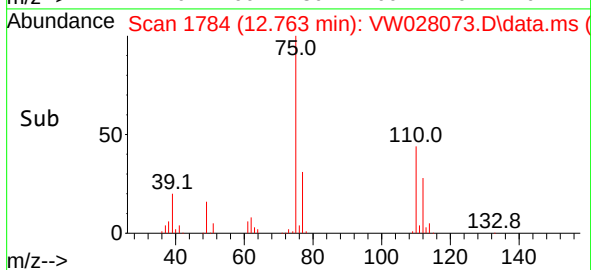
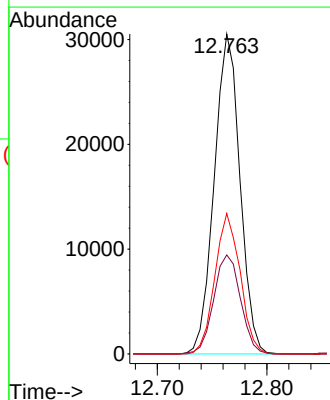
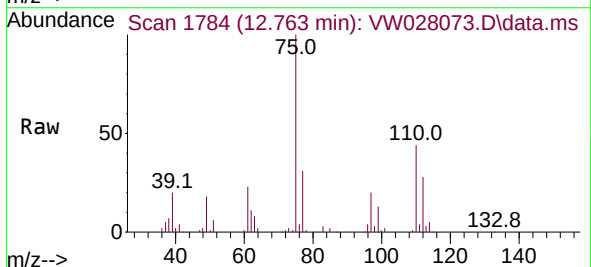
Instrument :
MSVOA_W
ClientSampleId :

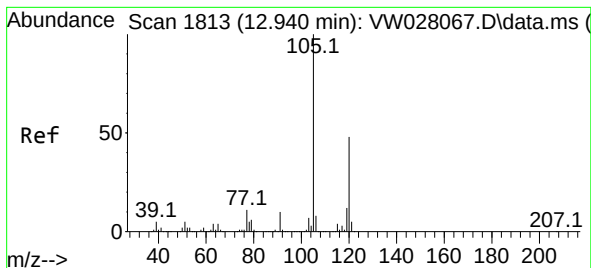
Tgt Ion:105 Resp: 390766
Ion Ratio Lower Upper
105 100
120 27.3 22.2 33.2
77 14.4 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 29.927 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion: 75 Resp: 49722
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7
110 43.2 35.8 53.8

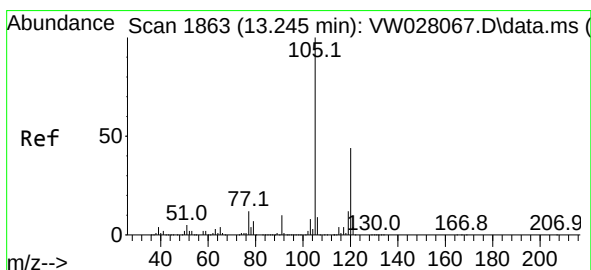
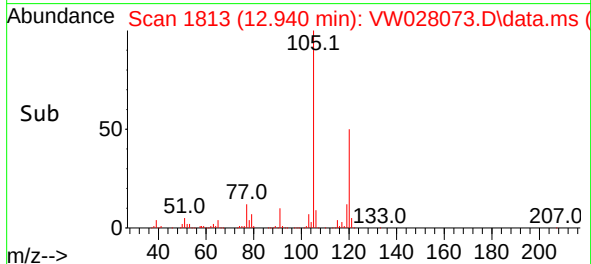
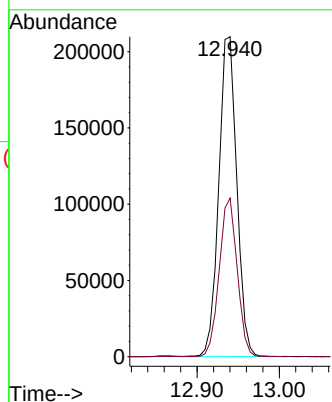
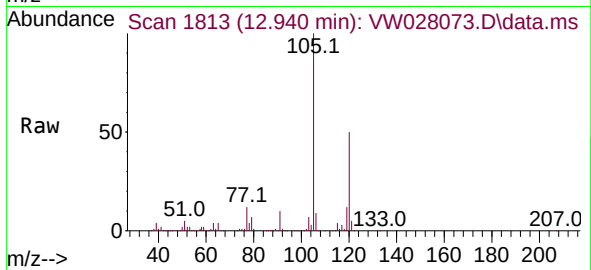




#62
1,3,5-Trimethylbenzene
Concen: 25.687 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

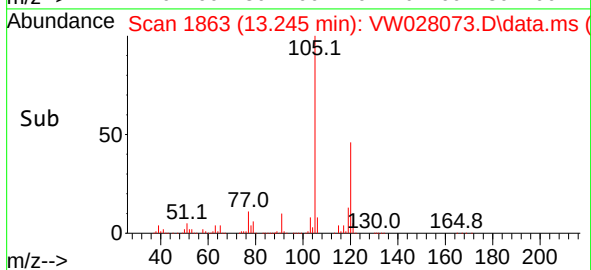
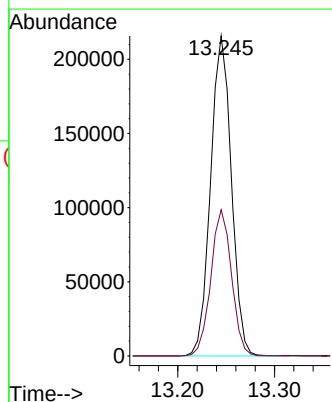
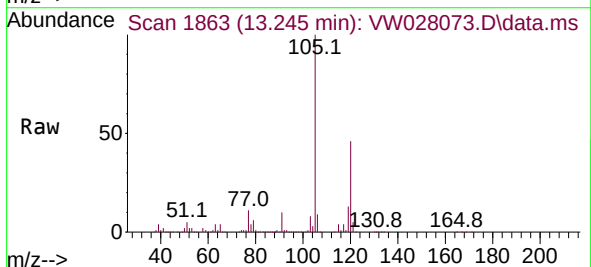
Instrument :
MSVOA_W
ClientSampleId :

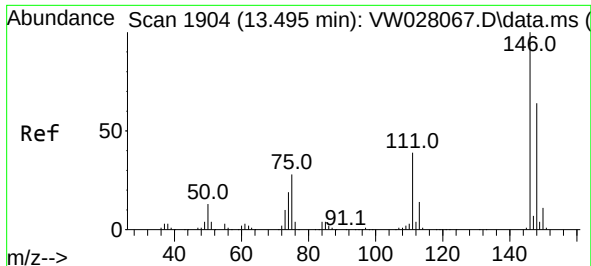
Tgt Ion:105 Resp: 319523
Ion Ratio Lower Upper
105 100
120 49.5 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 26.496 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion:105 Resp: 322516
Ion Ratio Lower Upper
105 100
120 45.5 36.4 54.6

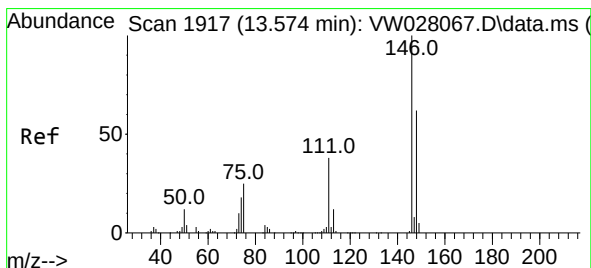
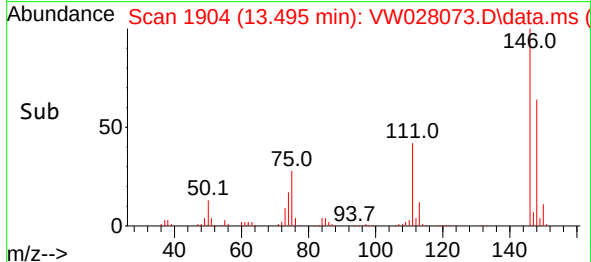
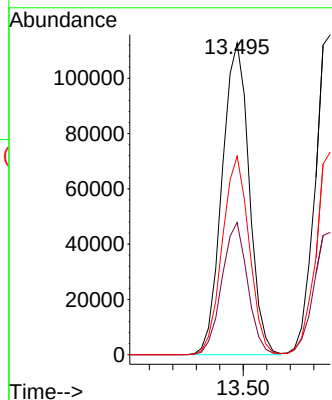
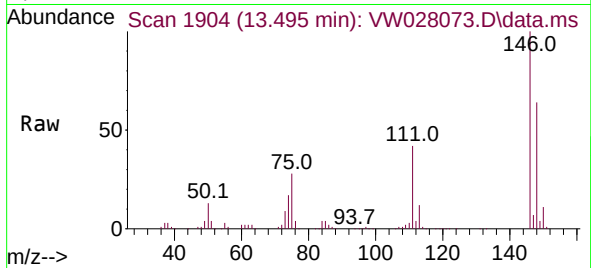




#64
1,3-Dichlorobenzene
Concen: 25.294 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

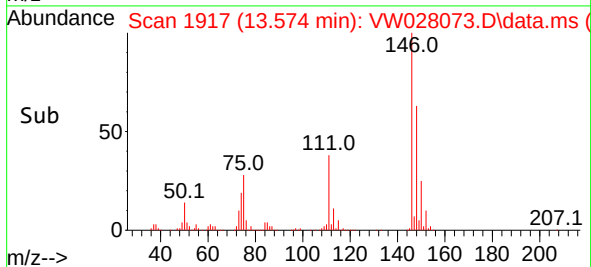
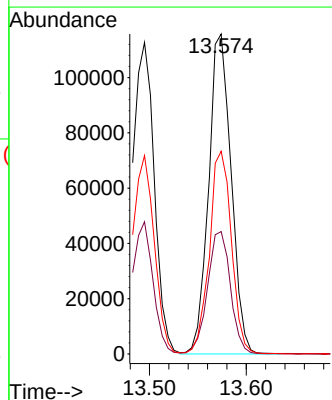
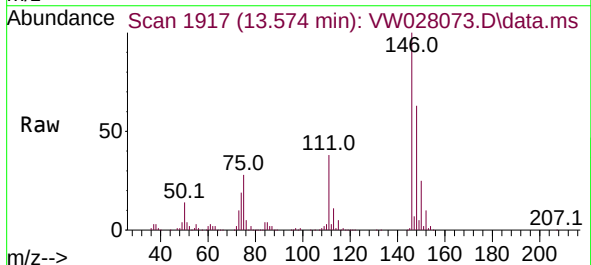
Instrument :
MSVOA_W
ClientSampleId :

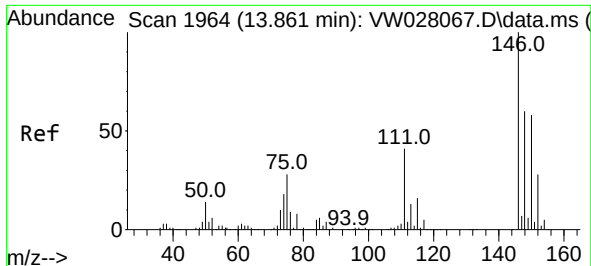
Tgt Ion:146 Resp: 180613
Ion Ratio Lower Upper
146 100
111 42.4 26.9 49.9
148 63.7 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 25.869 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

Tgt Ion:146 Resp: 187816
Ion Ratio Lower Upper
146 100
111 38.2 24.1 44.8
148 63.3 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 26.830 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

Instrument :

MSVOA_W

ClientSampleId :

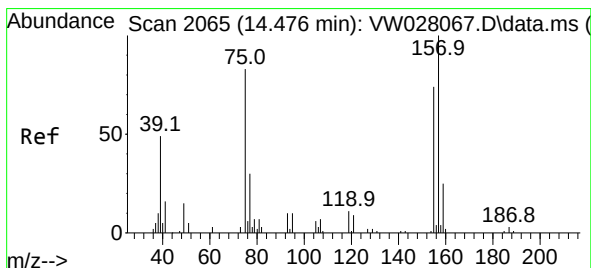
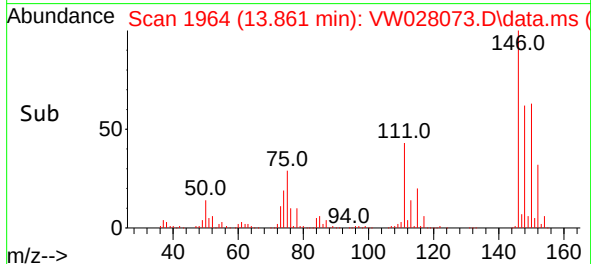
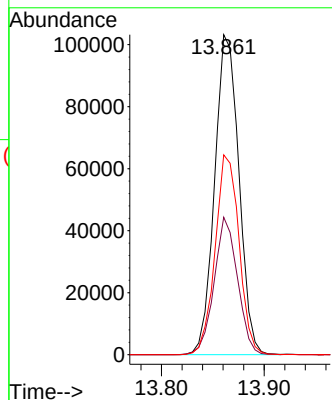
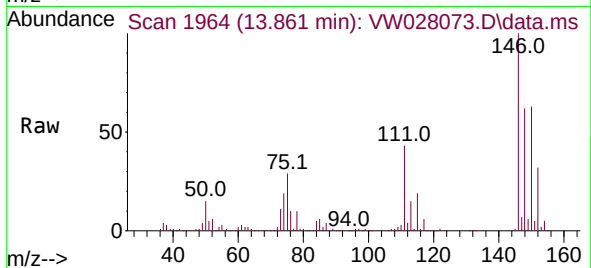
Tgt Ion:146 Resp: 169217

Ion Ratio Lower Upper

146 100

111 42.9 30.6 46.0

148 62.4 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 32.974 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

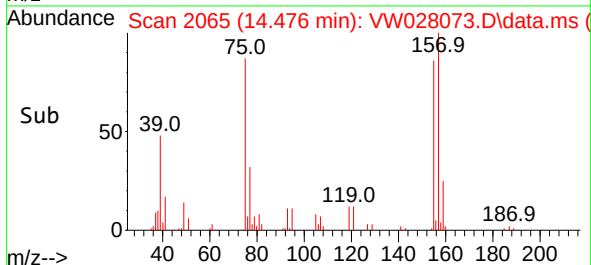
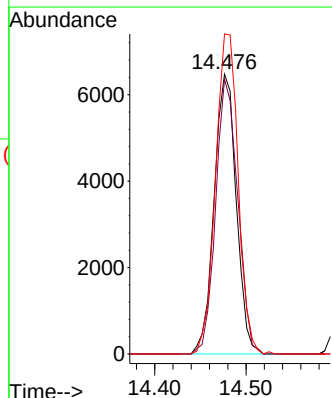
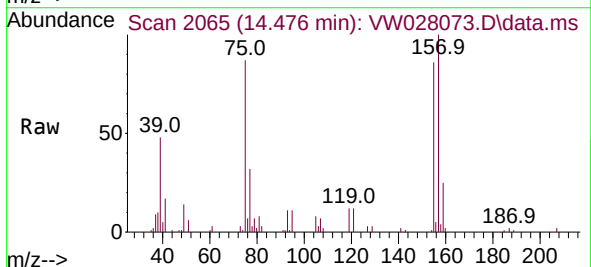
Tgt Ion: 75 Resp: 10877

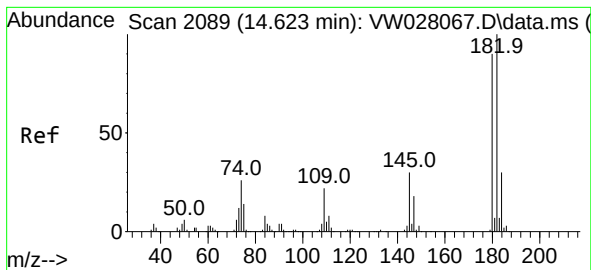
Ion Ratio Lower Upper

75 100

155 98.2 68.7 103.1

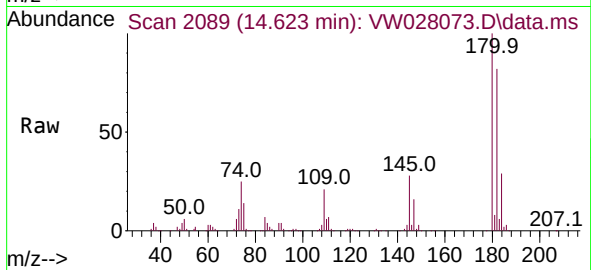
157 114.4 96.7 145.1



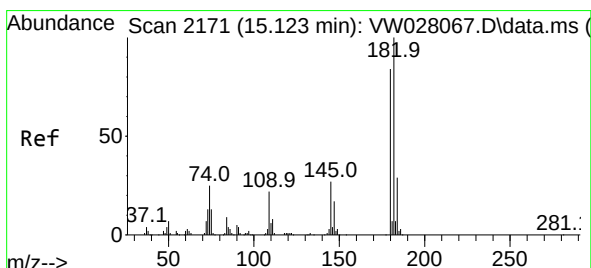
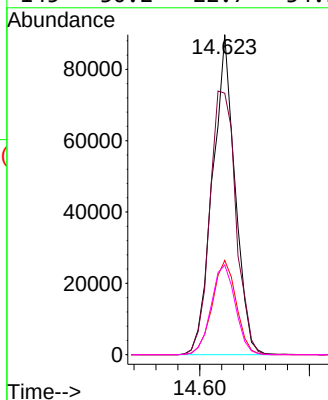
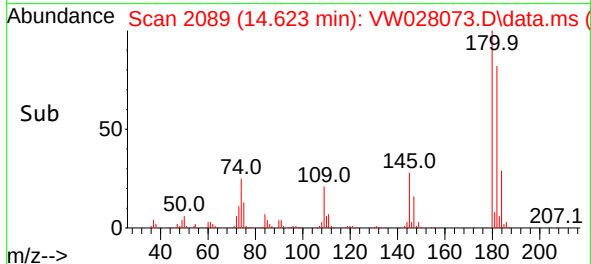


#69
1,3,5-Trichlorobenzene
Concen: 24.895 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14

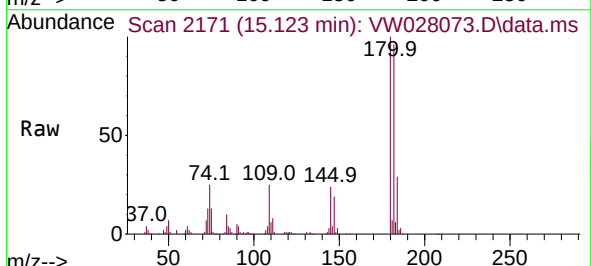
Instrument :
MSVOA_W
ClientSampleId :



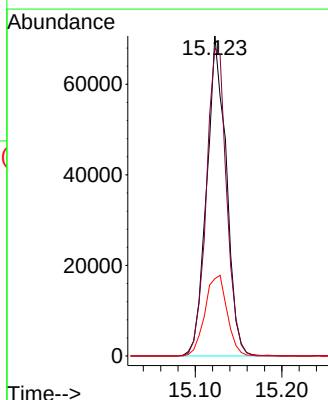
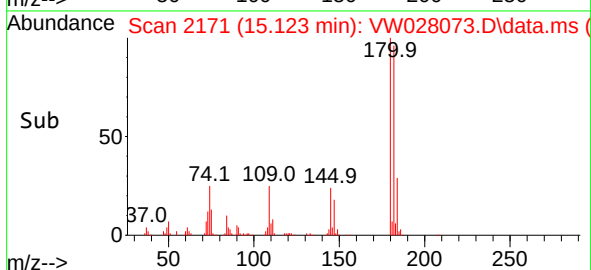
Tgt Ion:180 Resp: 127648
Ion Ratio Lower Upper
180 100
182 96.0 72.1 108.1
184 31.5 24.4 36.6
145 30.2 22.7 34.1

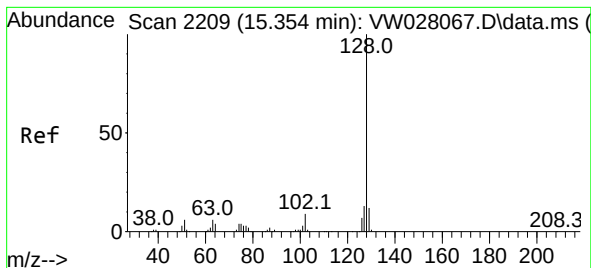


#70
1,2,4-trichlorobenzene
Concen: 26.833 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VW028073.D
Acq: 28 Feb 2024 11:14



Tgt Ion:180 Resp: 111107
Ion Ratio Lower Upper
180 100
182 99.4 77.0 115.6
145 28.4 23.4 35.0





#71

Naphthalene

Concen: 30.602 ug/L

RT: 15.354 min Scan# 2209

Delta R.T. 0.000 min

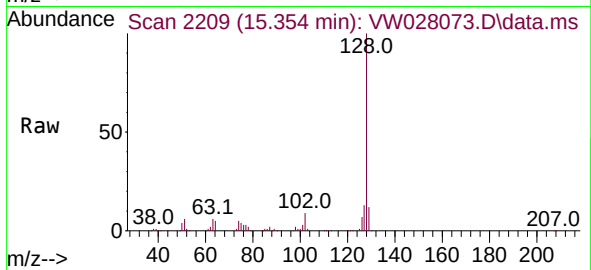
Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

Instrument :

MSVOA_W

ClientSampleId :



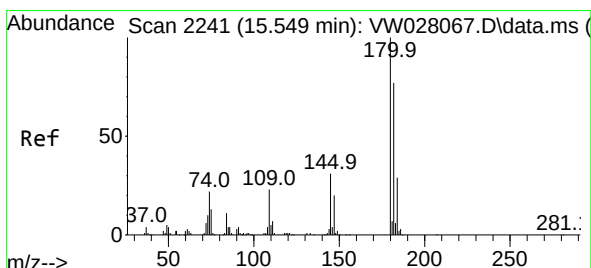
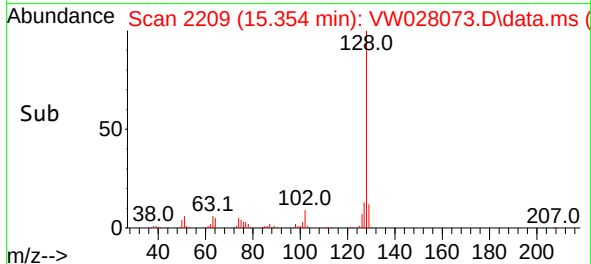
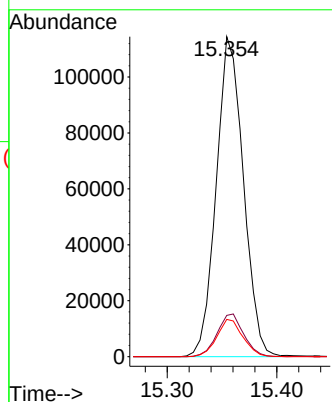
Tgt Ion:128 Resp: 196904

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 11.2 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 28.476 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW028073.D

Acq: 28 Feb 2024 11:14

Tgt Ion:180 Resp: 98375

Ion Ratio Lower Upper

180 100

182 94.3 76.5 114.7

145 32.1 25.8 38.8

