

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022824\
 Data File : VW028075.D
 Acq On : 28 Feb 2024 13:03
 Operator : SY/MD
 Sample : P1601-04
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 28 23:30:05 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	235797	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	216429	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	110721	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	42125	15.253	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.000%
7) Chloroethane-d5	2.899	69	42498	20.288	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.160%
11) 1,1-Dichloroethene-d2	4.021	65	20783	17.587	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.360%
21) 2-Butanone-d5	7.075	46	29423	68.567	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.140%#
24) Chloroform-d	7.648	84	124320	22.548	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	8.301	65	63993	25.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	8.270	84	239924	20.720	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.880%
36) 1,2-Dichloropropane-d6	9.270	67	69869	22.254	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.000%
41) Toluene-d8	10.325	98	232493	20.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.920%
43) trans-1,3-Dichloroprop...	10.575	79	28819	22.320	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.280%
47) 2-Hexanone-d5	10.922	63	27723	64.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	68737	29.292	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.160%
66) 1,2-Dichlorobenzene-d4	13.848	152	91370	24.279	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.120%
Target Compounds						
					Qvalue	
3) Chloromethane	2.222	50	2460	1.103	ug/L	89
5) Vinyl chloride	2.375	62	3323	1.099	ug/L	86
6) Bromomethane	2.789	94	2634	1.233	ug/L	92
8) Chloroethane	2.936	64	2065	1.209	ug/L	94
9) Trichlorofluoromethane	3.265	101	1891	0.688	ug/L	95
12) 1,1-Dichloroethene	4.045	96	3506	1.361	ug/L #	1
14) Carbon disulfide	4.399	76	8206	1.076	ug/L	100
15) Methyl Acetate	4.685	43	937	1.349	ug/L #	79
16) Methylene chloride	4.929	84	6388	2.167	ug/L	93
17) trans-1,2-Dichloroethene	5.417	96	1317	0.476	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	2181	0.665	ug/L #	88
19) 1,1-Dichloroethane	6.216	63	5282	1.175	ug/L	95
20) cis-1,2-Dichloroethene	7.173	96	3439	1.177	ug/L	97
22) 2-Butanone	7.191	43	1338	2.778	ug/L	77
23) Bromochloromethane	7.520	128	1667	1.284	ug/L	91
25) Chloroform	7.679	83	6594	1.364	ug/L	94
27) 1,2-Dichloroethane	8.398	62	3893	1.447	ug/L	100
29) Cyclohexane	7.959	56	3866	1.002	ug/L	97
30) 1,1,1-Trichloroethane	7.862	97	2237	0.535	ug/L #	7

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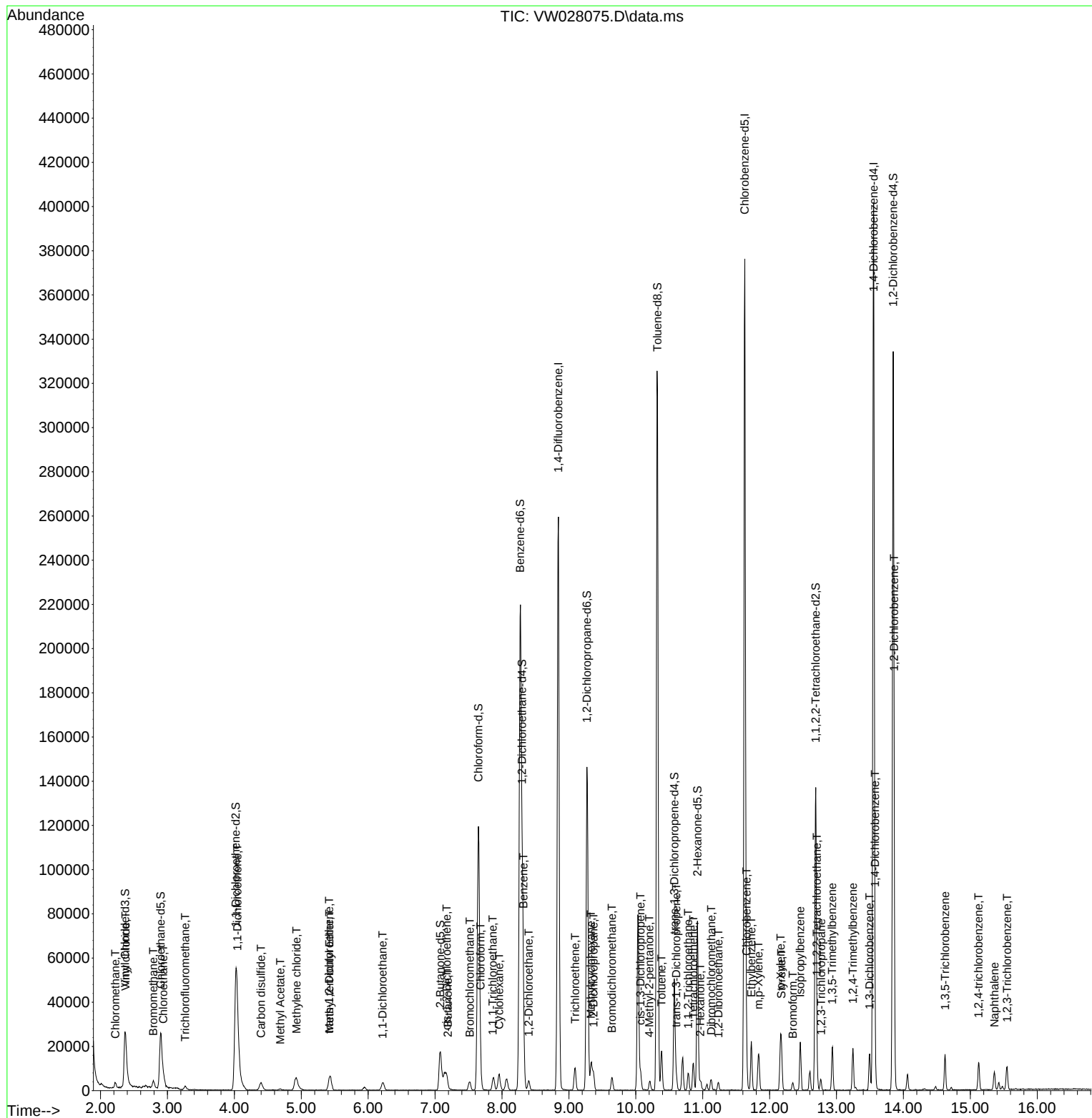
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) Benzene	8.319	78	13156	1.217	ug/L	100
34) Trichloroethene	9.093	95	3487	1.124	ug/L	96
35) Methylcyclohexane	9.331	83	5325	1.043	ug/L	100
37) 1,2-Dichloropropane	9.367	63	3048	1.200	ug/L #	88
38) Bromodichloromethane	9.642	83	4279	1.262	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	4425	1.087	ug/L	93
40) 4-Methyl-2-pentanone	10.203	43	2719	2.836	ug/L	98
42) Toluene	10.386	91	13873	1.145	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	5064	1.567	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	2707	1.346	ug/L	93
46) Tetrachloroethene	10.861	164	2971	1.138	ug/L	93
48) 2-Hexanone	10.965	43	2221	3.058	ug/L	96
49) Dibromochloromethane	11.129	129	3097	1.351	ug/L	95
50) 1,2-Dibromoethane	11.233	107	2521	1.343	ug/L #	96
51) Chlorobenzene	11.654	112	9485	1.177	ug/L	97
52) Ethylbenzene	11.727	91	15090	1.104	ug/L	99
53) m,p-Xylene	11.837	106	5907	1.102	ug/L	79
54) o-Xylene	12.166	106	5002	0.995	ug/L	89
55) Styrene	12.178	104	8941	1.068	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	3247	1.508	ug/L #	83
59) Bromoform	12.349	173	1625	1.243	ug/L #	94
60) Isopropylbenzene	12.458	105	13572	0.982	ug/L	98
61) 1,2,3-Trichloropropane	12.769	75	2306	1.561	ug/L	91
62) 1,3,5-Trimethylbenzene	12.934	105	10675	0.965	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	10296	0.951	ug/L	94
64) 1,3-Dichlorobenzene	13.495	146	7575	1.193	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	7950	1.231	ug/L	88
67) 1,2-Dichlorobenzene	13.861	146	6983	1.245	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.623	180	5353	1.174	ug/L	99
70) 1,2,4-trichlorobenzene	15.123	180	4335	1.177	ug/L	91
71) Naphthalene	15.360	128	7404	1.294	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	3757	1.223	ug/L	97

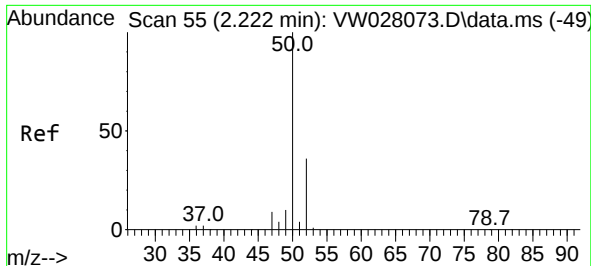
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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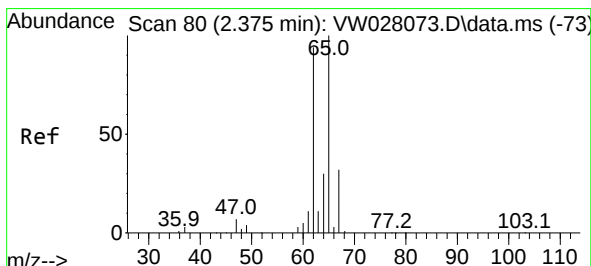
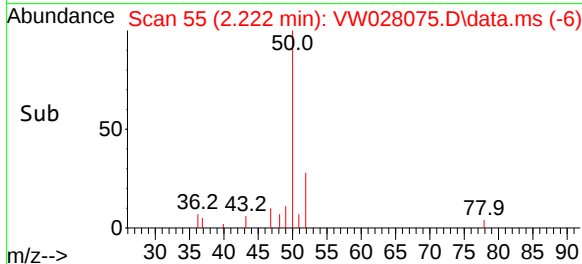
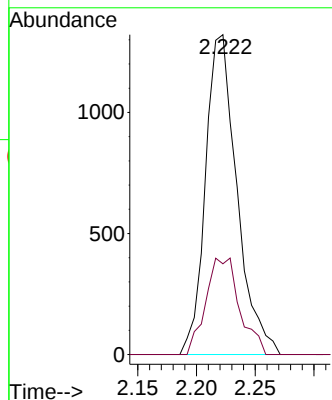
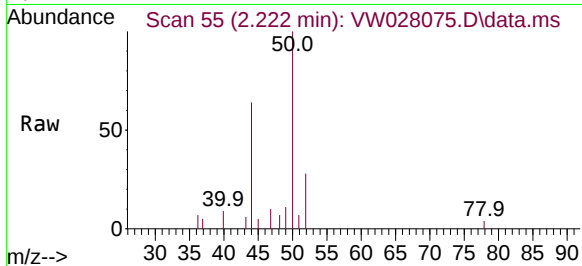




#3
Chloromethane
Concen: 1.103 ug/L
RT: 2.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

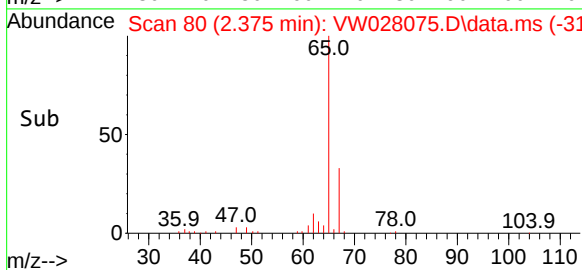
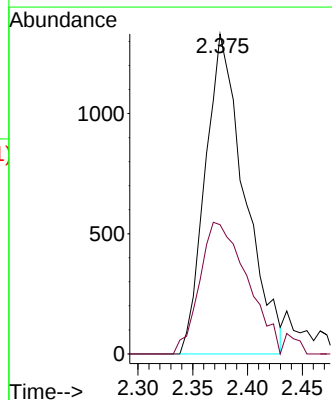
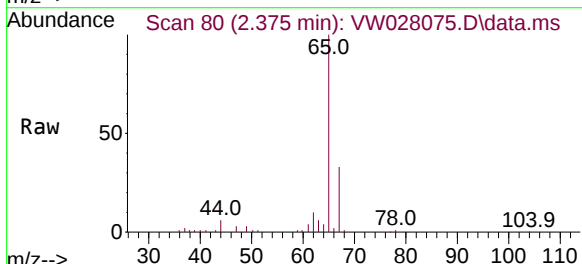
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MSVOA_W
ClientSampleId :

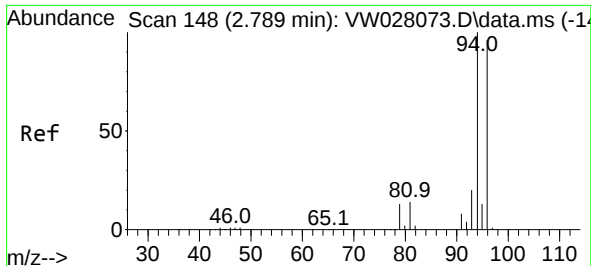
Tgt Ion: 50 Resp: 2460
Ion Ratio Lower Upper
50 100
52 28.4 24.3 45.1



#5
Vinyl chloride
Concen: 1.099 ug/L
RT: 2.375 min Scan# 80
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

Tgt Ion: 62 Resp: 3323
Ion Ratio Lower Upper
62 100
64 40.4 23.0 42.6

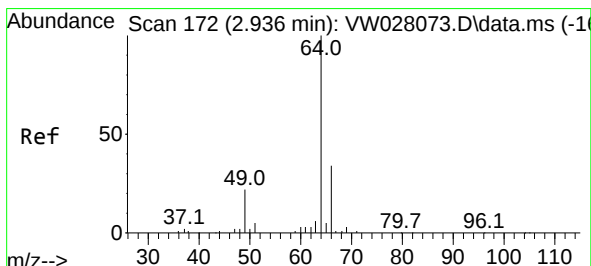
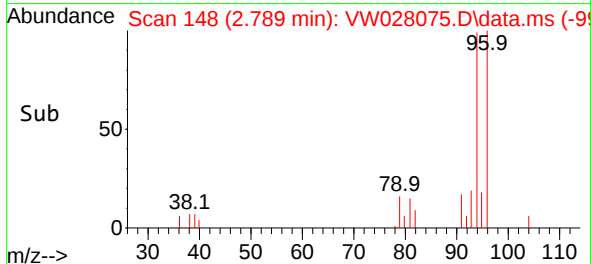
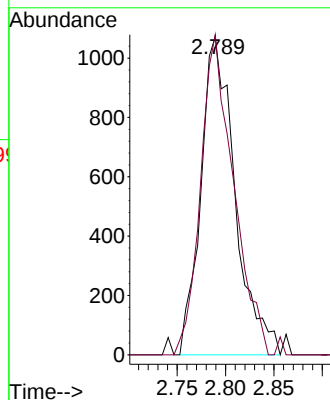
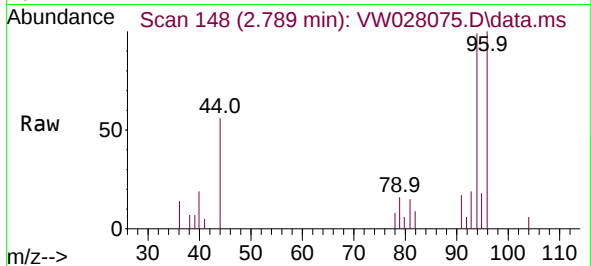




#6
Bromomethane
Concen: 1.233 ug/L
RT: 2.789 min Scan# 148
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

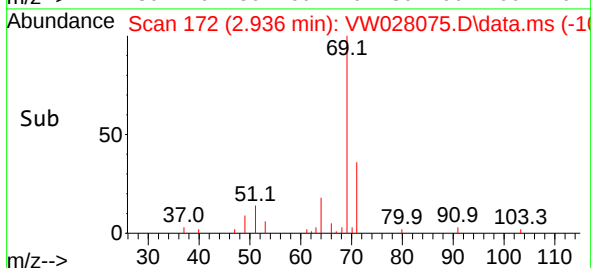
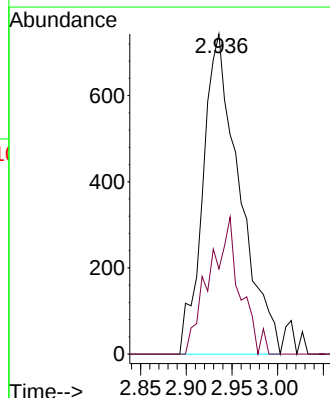
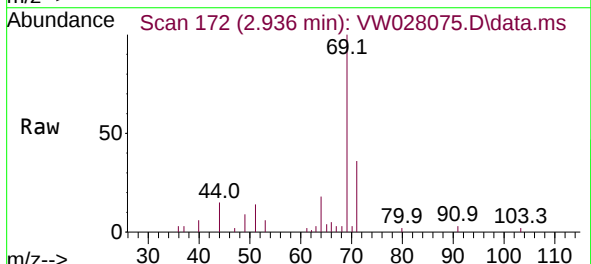
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ClientSampleId :

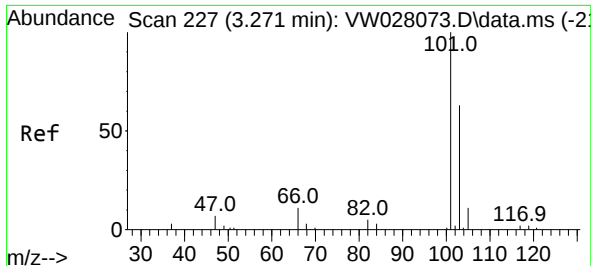
Tgt Ion: 94 Resp: 2634
Ion Ratio Lower Upper
94 100
96 100.7 65.3 121.3



#8
Chloroethane
Concen: 1.209 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

Tgt Ion: 64 Resp: 2065
Ion Ratio Lower Upper
64 100
66 26.6 20.9 38.7

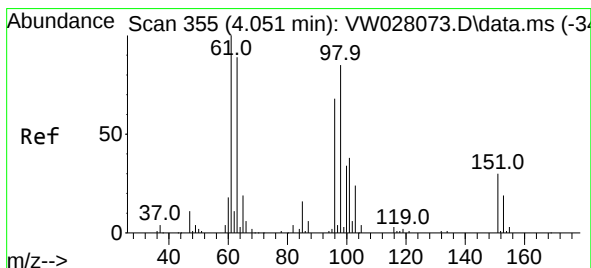
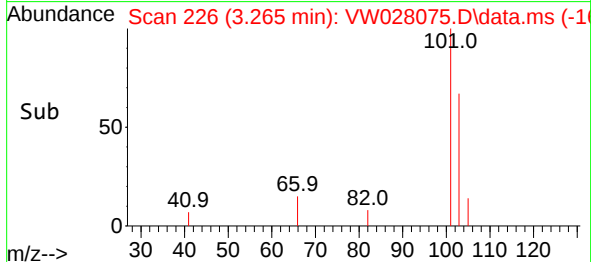
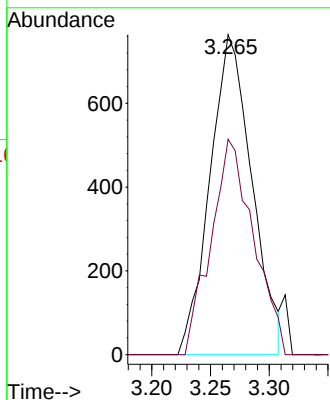
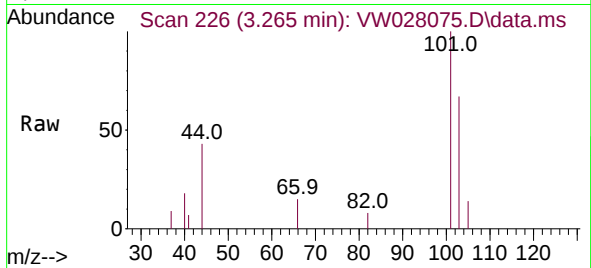




#9
 Trichlorofluoromethane
 Concen: 0.688 ug/L
 RT: 3.265 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW028075.D
 Acq: 28 Feb 2024 13:03

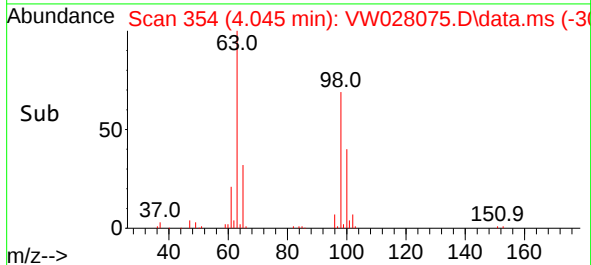
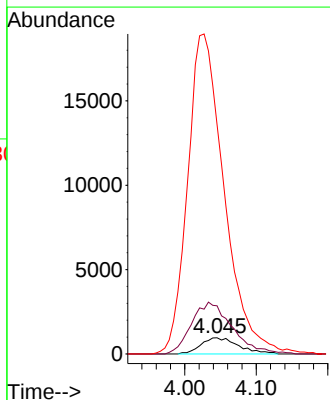
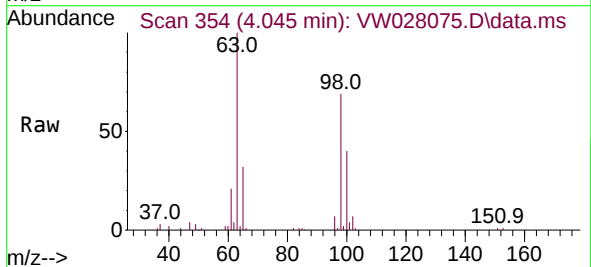
Instrument :
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 ClientSampleId :

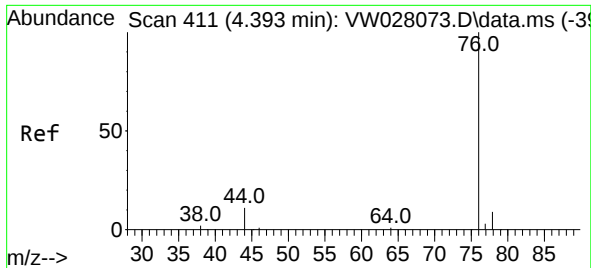
Tgt Ion:101 Resp: 1891
 Ion Ratio Lower Upper
 101 100
 103 68.6 51.6 77.4



#12
 1,1-Dichloroethene
 Concen: 1.361 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028075.D
 Acq: 28 Feb 2024 13:03

Tgt Ion: 96 Resp: 3506
 Ion Ratio Lower Upper
 96 100
 61 297.7 107.4 199.4#
 63 1415.8 86.0 159.6#

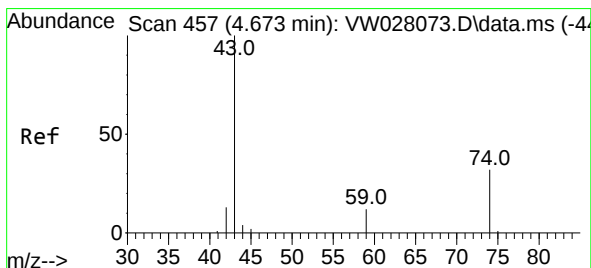
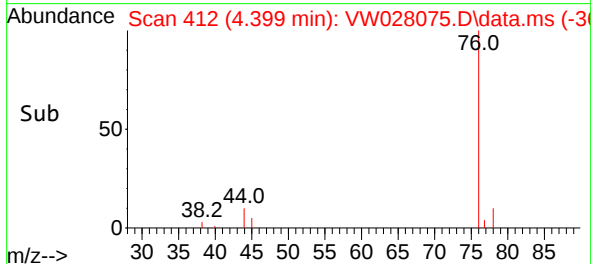
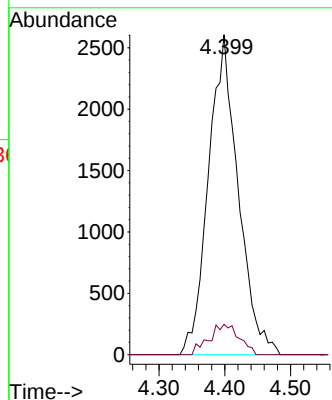
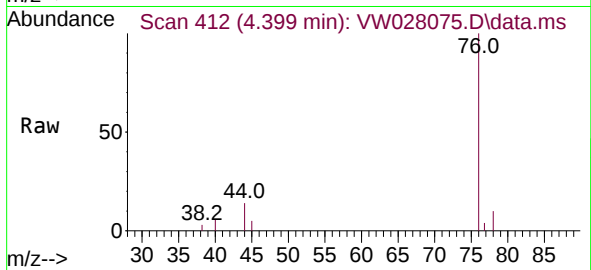




#14
Carbon disulfide
Concen: 1.076 ug/L
RT: 4.399 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

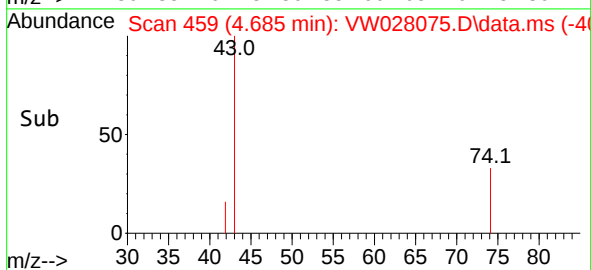
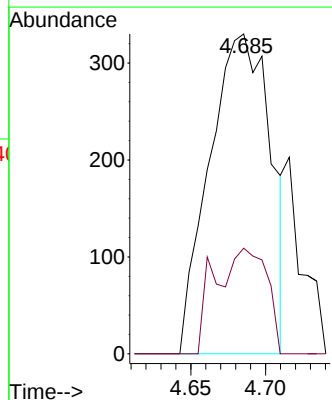
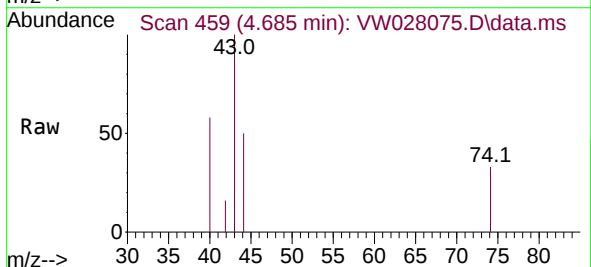
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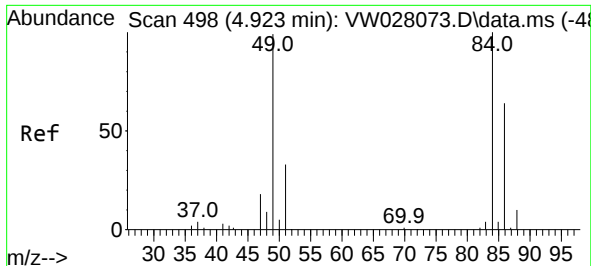
Tgt Ion: 76 Resp: 8206
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#15
Methyl Acetate
Concen: 1.349 ug/L
RT: 4.685 min Scan# 459
Delta R.T. 0.012 min
Lab File: VW028075.D
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Tgt Ion: 43 Resp: 937
Ion Ratio Lower Upper
43 100
74 18.6 24.2 36.2#

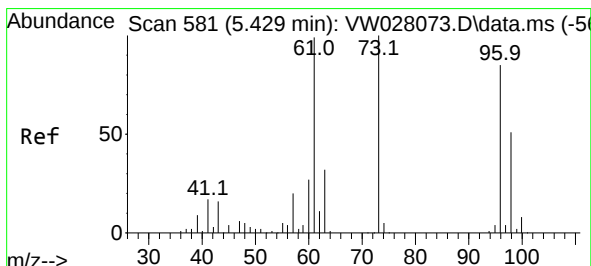
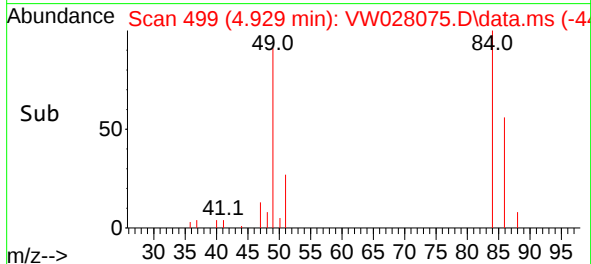
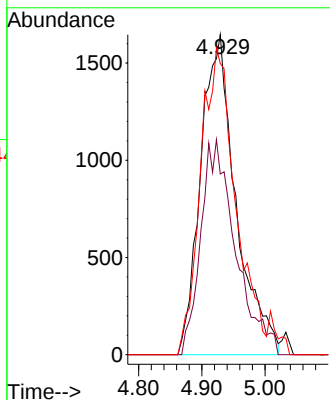
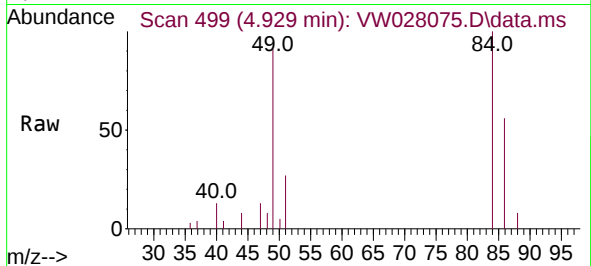




#16
Methylene chloride
Concen: 2.167 ug/L
RT: 4.929 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

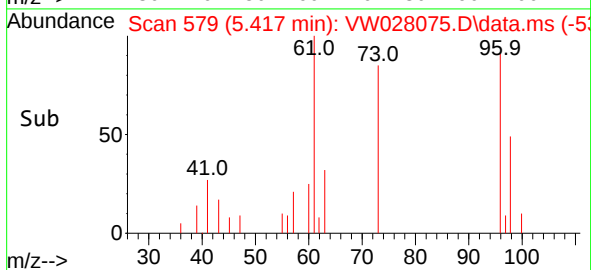
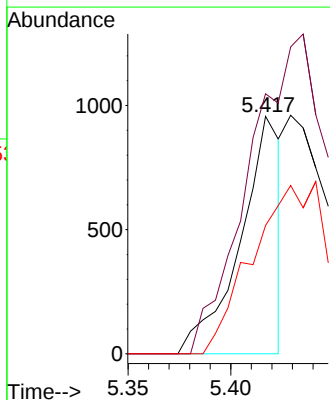
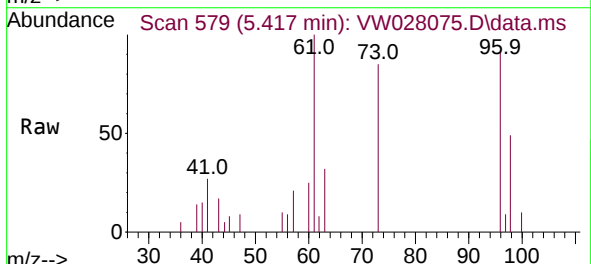
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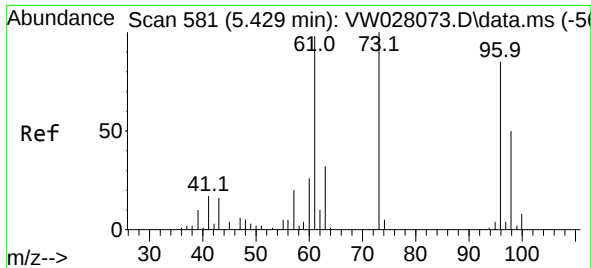
Tgt Ion: 84	Resp: 6388		
Ion Ratio	Lower	Upper	
84	100		
86	56.4	45.4	84.4
49	91.0	66.3	123.1



#17
trans-1,2-Dichloroethene
Concen: 0.476 ug/L
RT: 5.417 min Scan# 579
Delta R.T. -0.012 min
Lab File: VW028075.D
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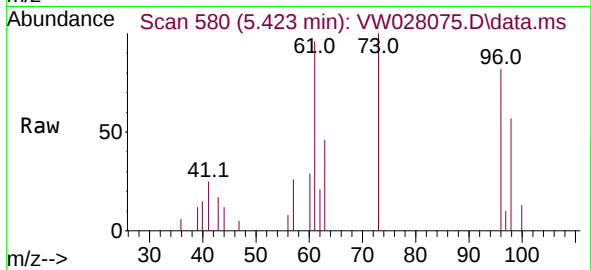
Tgt Ion: 96	Resp: 1317		
Ion Ratio	Lower	Upper	
96	100		
61	109.5	80.1	148.7
98	54.1	43.8	81.4



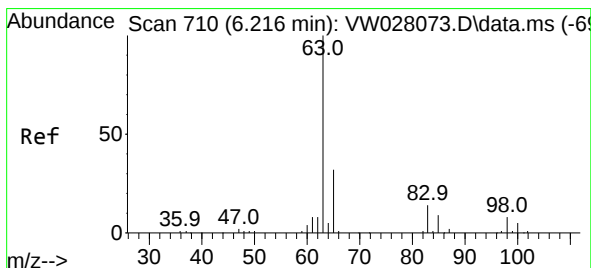
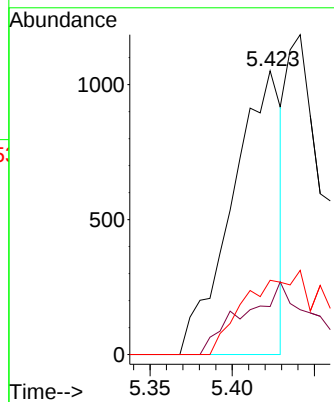
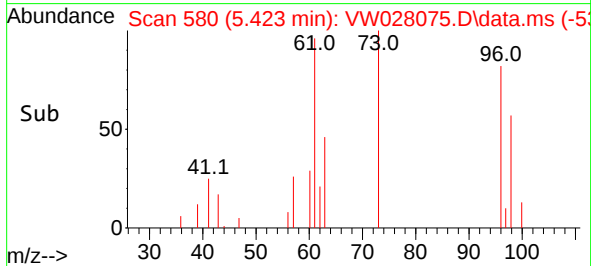


#18
Methyl tert-butyl Ether
Concen: 0.665 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

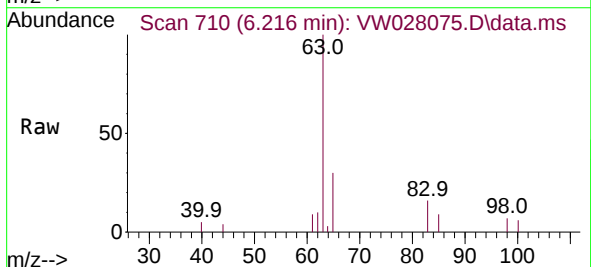
Instrument :
MSVOA_W
ClientSampleId :



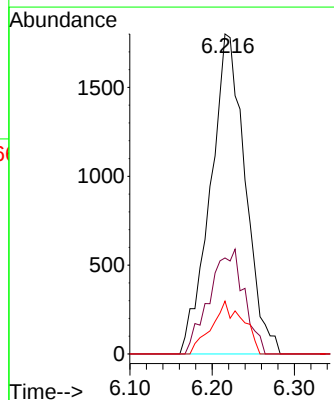
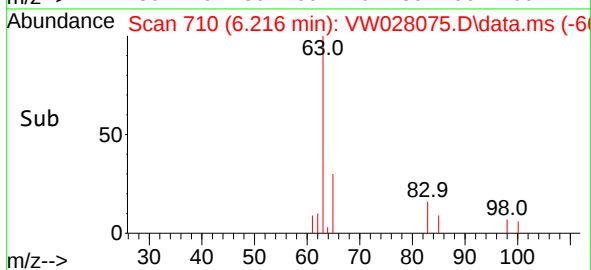
Tgt Ion: 73 Resp: 2181
Ion Ratio Lower Upper
73 100
43 20.0 13.4 20.0
57 27.4 16.3 24.5#

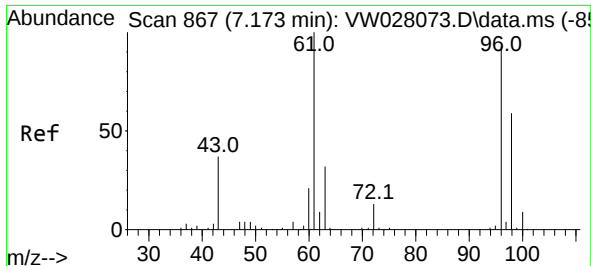


#19
1,1-Dichloroethane
Concen: 1.175 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03



Tgt Ion: 63 Resp: 5282
Ion Ratio Lower Upper
63 100
65 30.0 23.1 42.9
83 16.5 9.9 18.3



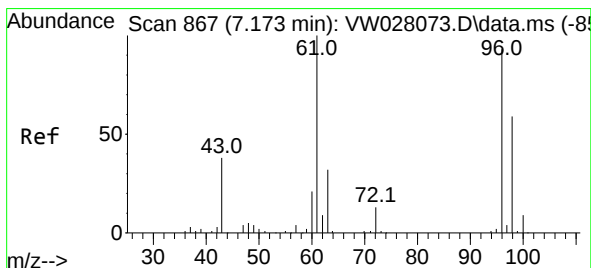
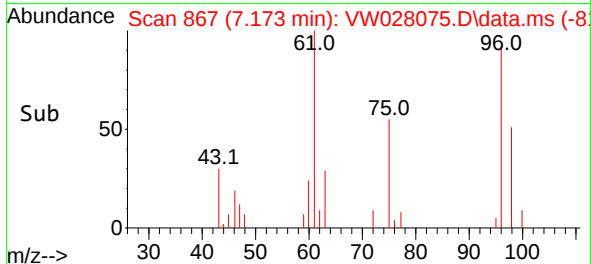
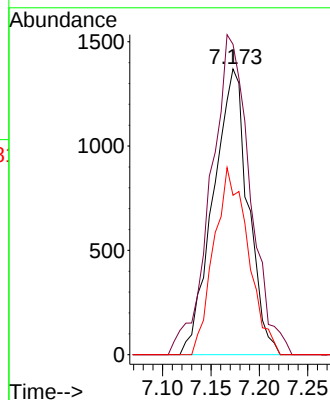
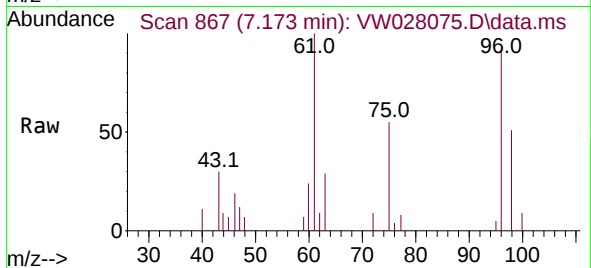


#20
 cis-1,2-Dichloroethene
 Concen: 1.177 ug/L
 RT: 7.173 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028075.D
 Acq: 28 Feb 2024 13:03

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 3439

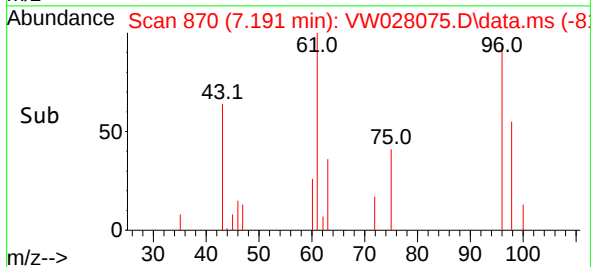
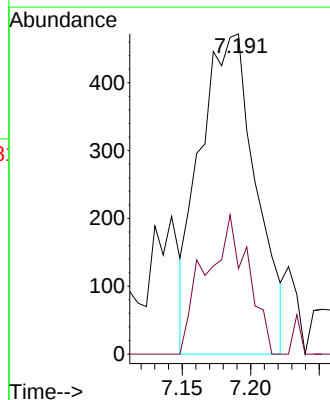
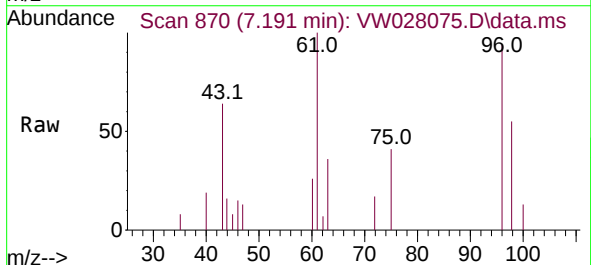
Ion	Ratio	Lower	Upper
96	100		
61	108.6	76.3	141.7
98	55.8	42.9	79.7

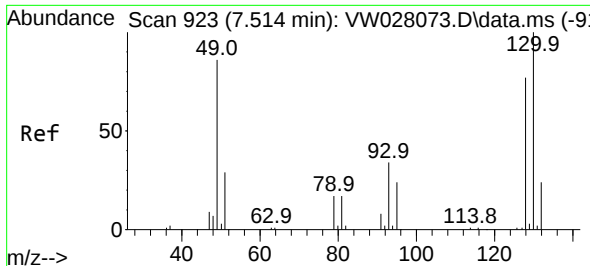


#22
 2-Butanone
 Concen: 2.778 ug/L
 RT: 7.191 min Scan# 870
 Delta R.T. 0.018 min
 Lab File: VW028075.D
 Acq: 28 Feb 2024 13:03

Tgt Ion: 43 Resp: 1338

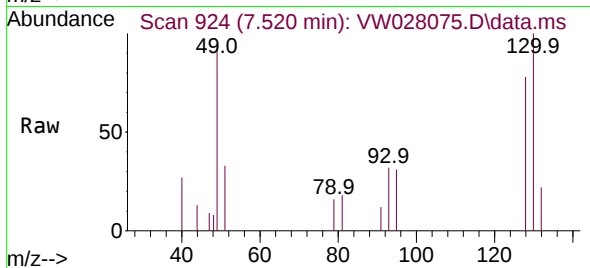
Ion	Ratio	Lower	Upper
43	100		
72	20.9	17.0	50.9



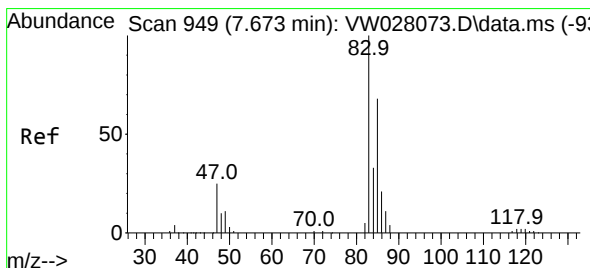
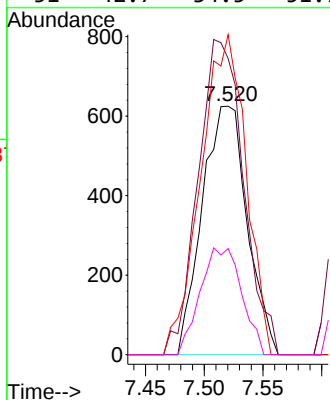
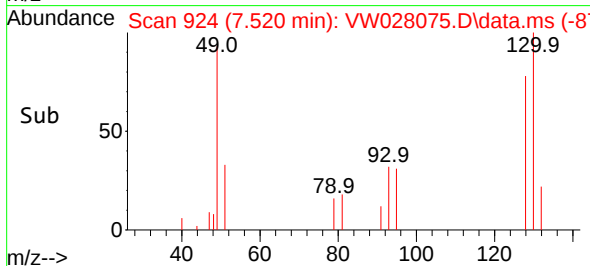


#23
Bromochloromethane
Concen: 1.284 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

Instrument :
MSVOA_W
ClientSampleId :

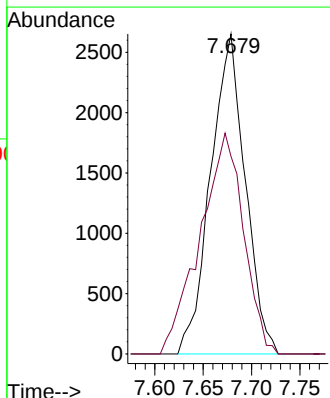
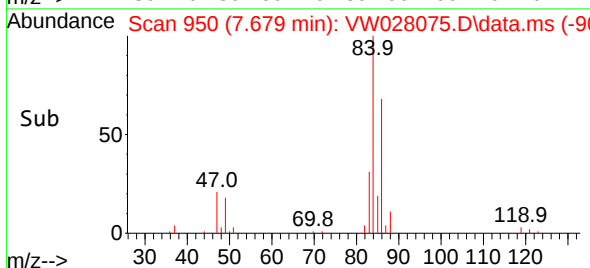
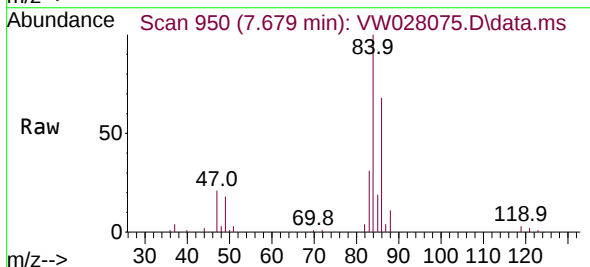


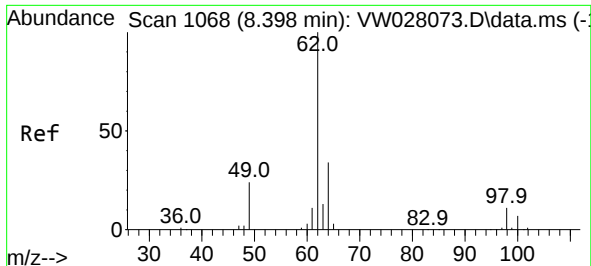
Tgt Ion:	128	Resp:	1667
Ion	Ratio	Lower	Upper
128	100		
49	119.2	93.2	173.2
130	128.8	97.4	180.8
51	42.7	34.5	51.7



#25
Chloroform
Concen: 1.364 ug/L
RT: 7.679 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

Tgt Ion:	83	Resp:	6594
Ion	Ratio	Lower	Upper
83	100		
85	61.8	46.6	86.6





#27

1,2-Dichloroethane

Concen: 1.447 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

Instrument :

MSVOA_W

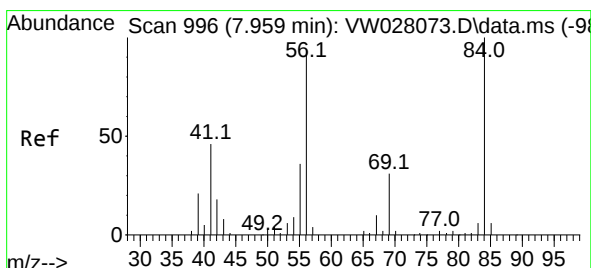
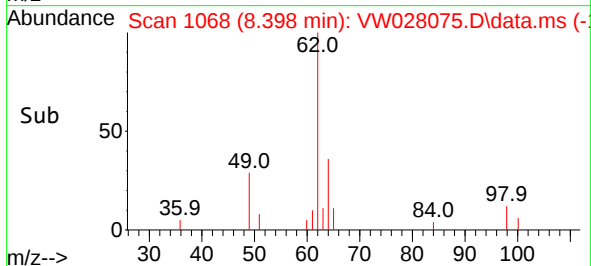
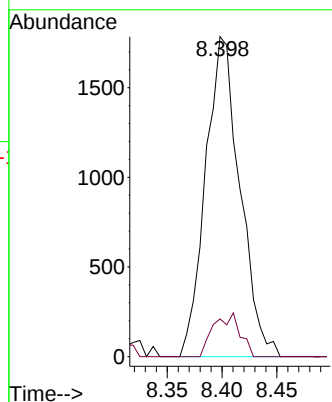
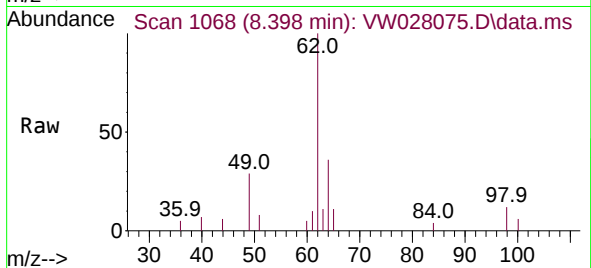
ClientSampleId :

Tgt Ion: 62 Resp: 3893

Ion Ratio Lower Upper

62 100

98 11.8 9.4 14.2



#29

Cyclohexane

Concen: 1.002 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

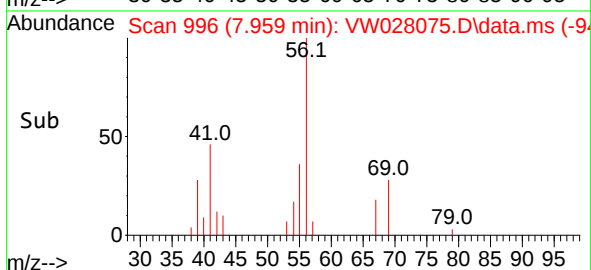
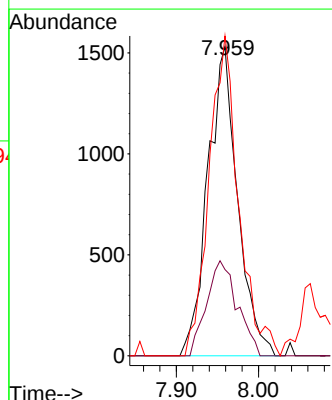
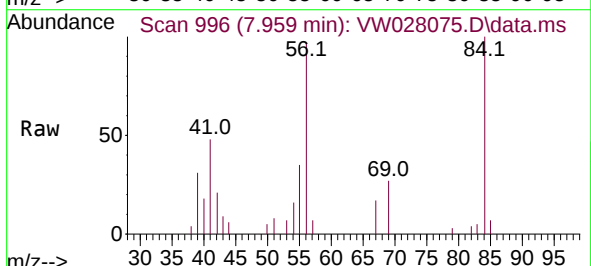
Tgt Ion: 56 Resp: 3866

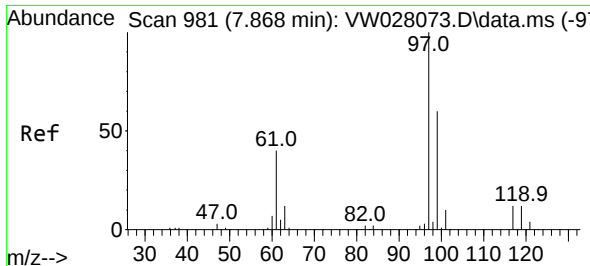
Ion Ratio Lower Upper

56 100

69 31.7 26.3 39.5

84 99.0 81.6 122.4

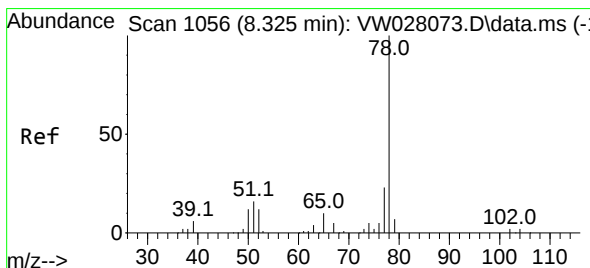
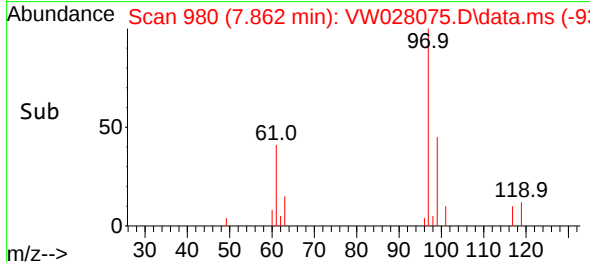
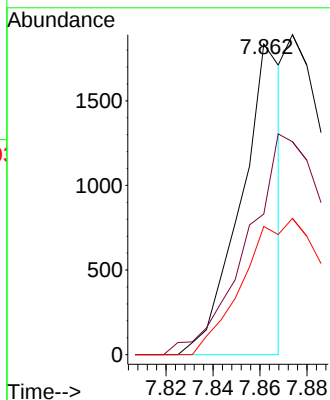
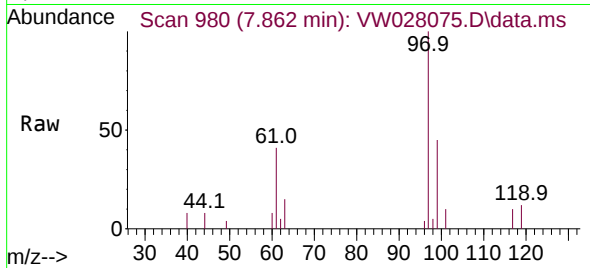




#30
1,1,1-Trichloroethane
Concen: 0.535 ug/L
RT: 7.862 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

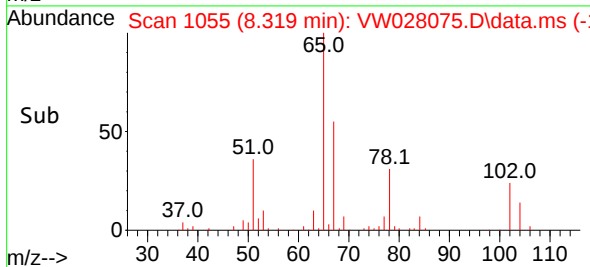
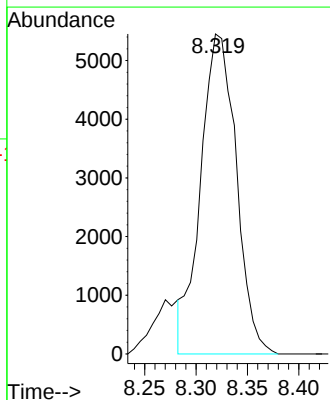
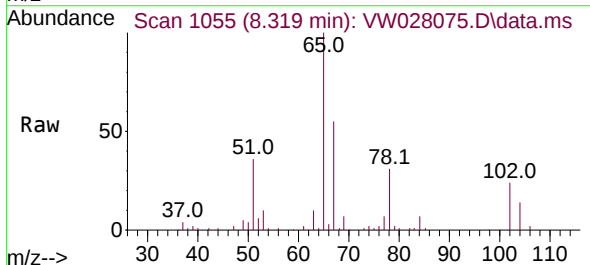
Instrument :
MSVOA_W
ClientSampleId :

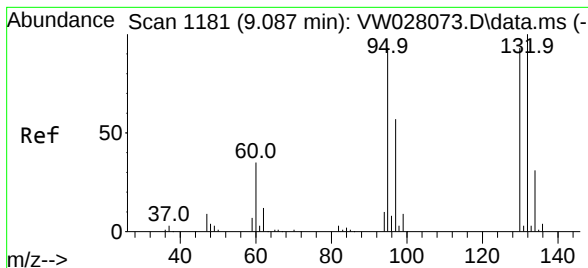
Tgt Ion: 97 Resp: 2237
Ion Ratio Lower Upper
97 100
99 144.7 51.4 77.0#
61 89.9 32.9 49.3#



#33
Benzene
Concen: 1.217 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

Tgt Ion: 78 Resp: 13156





#34

Trichloroethene

Concen: 1.124 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

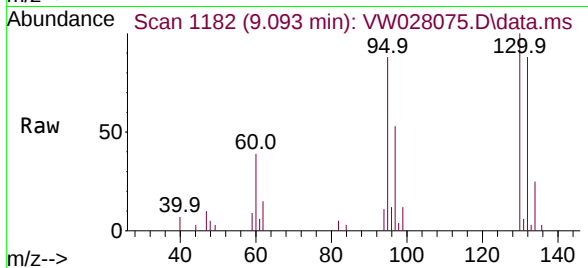
Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 3487

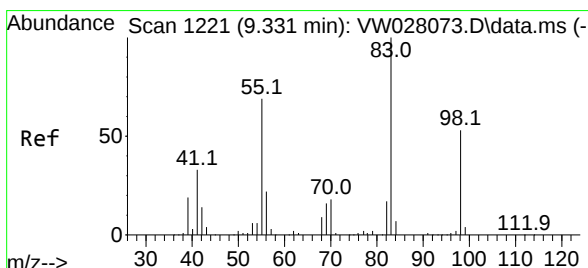
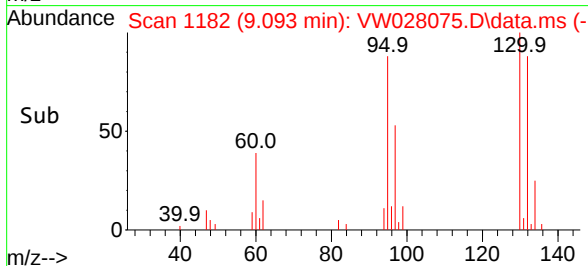
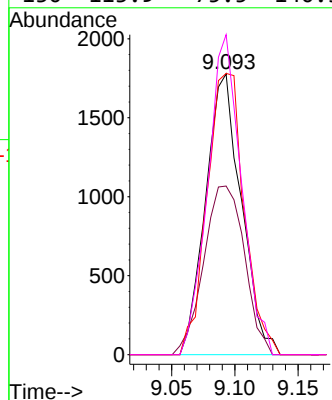
Ion Ratio Lower Upper

95 100

97 60.1 44.3 82.3

132 100.2 68.0 126.2

130 113.9 75.5 140.3



#35

Methylcyclohexane

Concen: 1.043 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

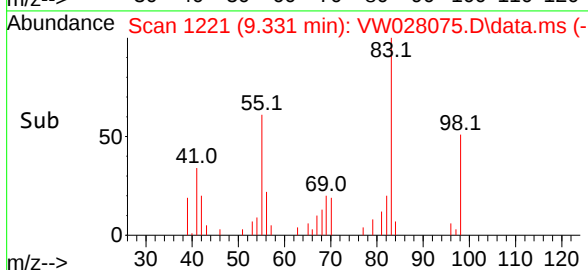
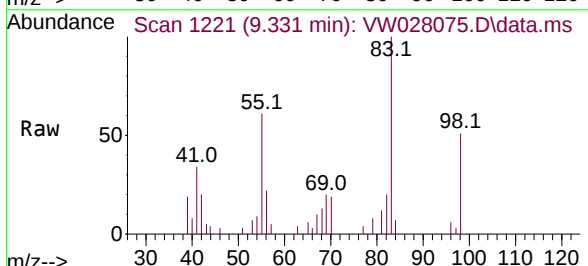
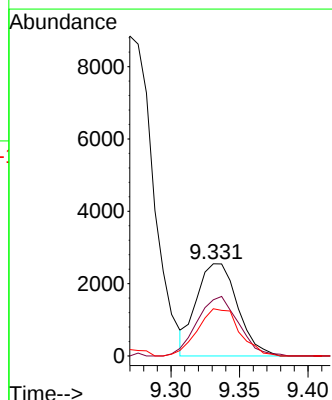
Tgt Ion: 83 Resp: 5325

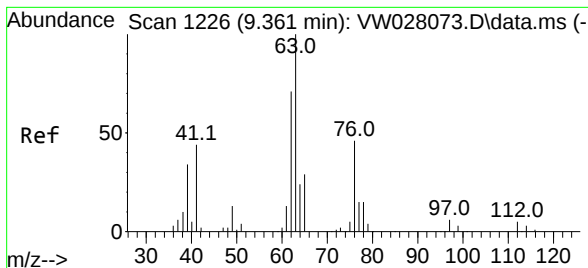
Ion Ratio Lower Upper

83 100

55 64.8 52.3 78.5

98 52.3 41.9 62.9





#37

1,2-Dichloropropane

Concen: 1.200 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

Instrument :

MSVOA_W

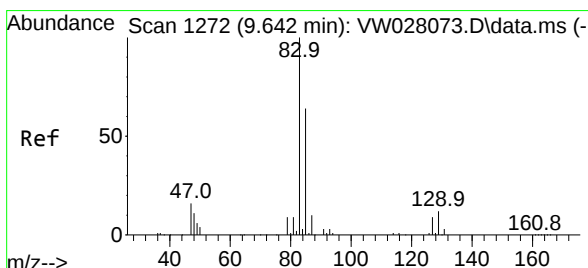
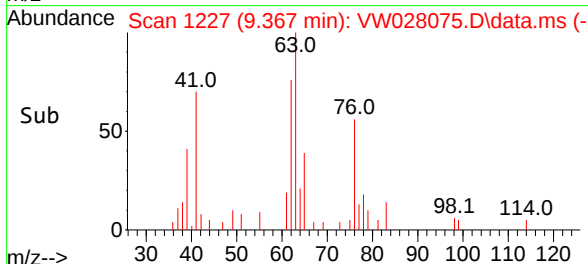
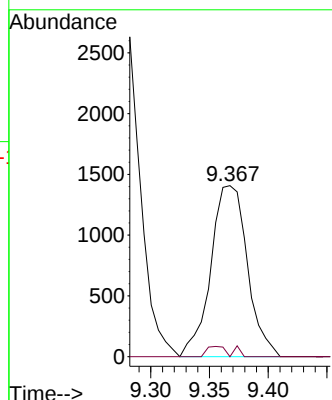
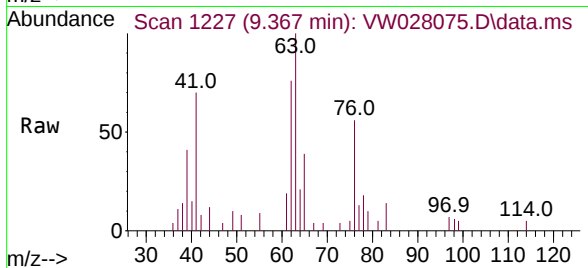
ClientSampleId :

Tgt Ion: 63 Resp: 3048

Ion Ratio Lower Upper

63 100

112 1.1 4.2 6.2#



#38

Bromodichloromethane

Concen: 1.262 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

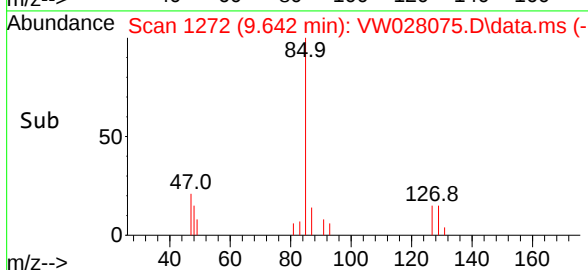
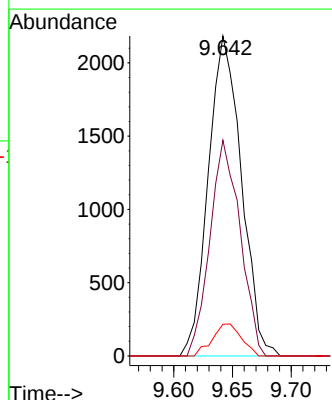
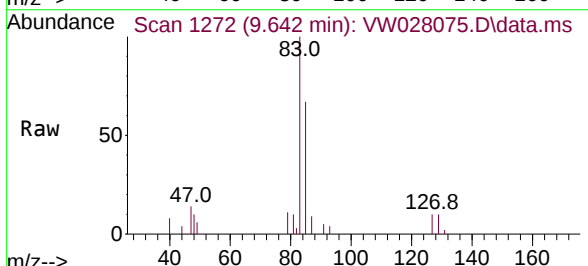
Tgt Ion: 83 Resp: 4279

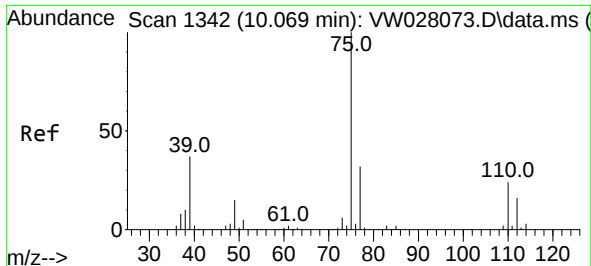
Ion Ratio Lower Upper

83 100

85 67.4 44.7 83.1

127 9.9 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 1.087 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

Instrument :

MSVOA_W

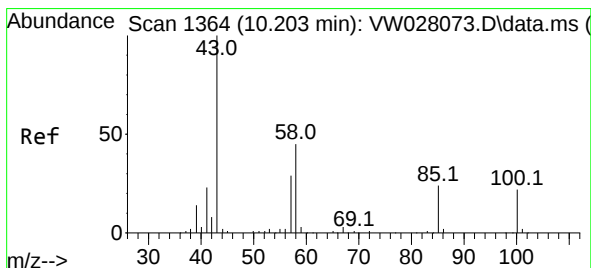
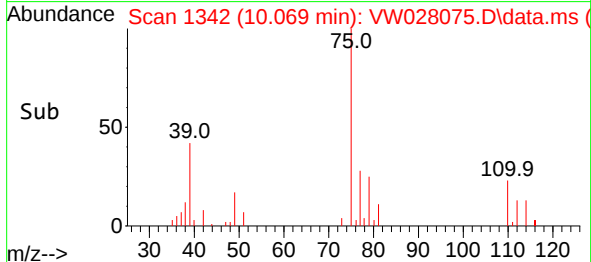
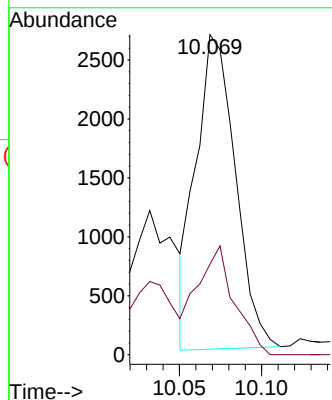
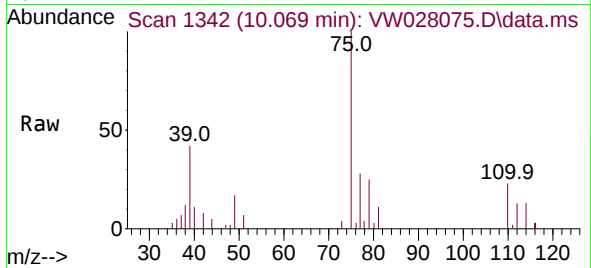
ClientSampleId :

Tgt Ion: 75 Resp: 4425

Ion Ratio Lower Upper

75 100

77 28.3 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 2.836 ug/L

RT: 10.203 min Scan# 1364

Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

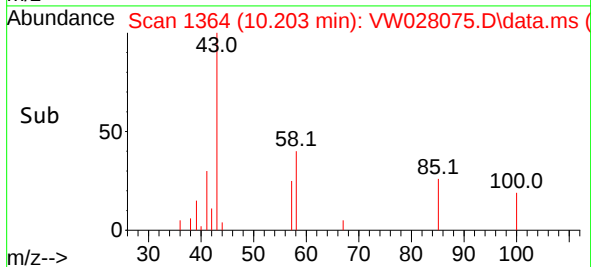
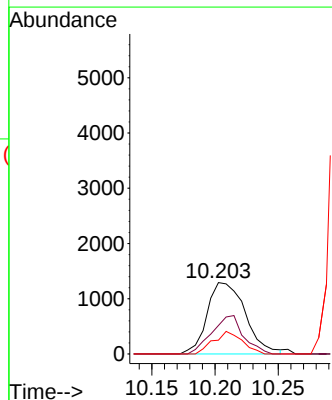
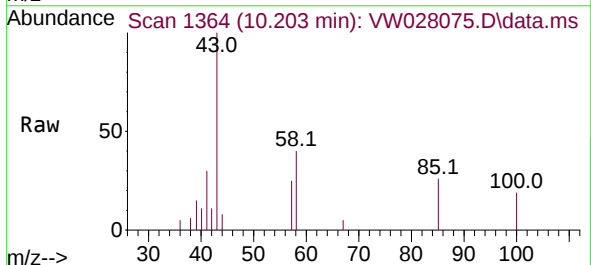
Tgt Ion: 43 Resp: 2719

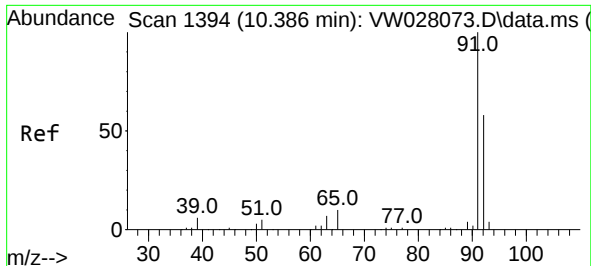
Ion Ratio Lower Upper

43 100

58 44.3 36.7 55.1

100 23.8 18.4 27.6





#42

Toluene

Concen: 1.145 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

Instrument :

MSVOA_W

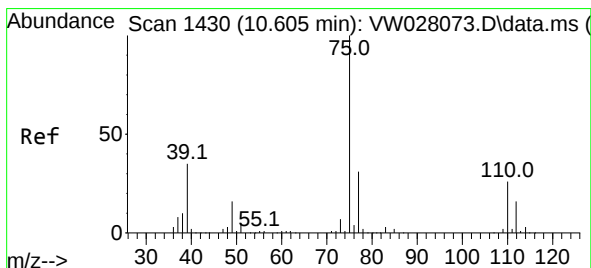
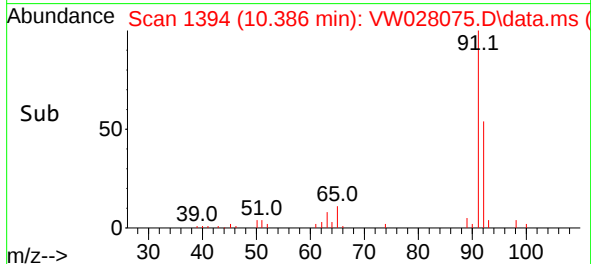
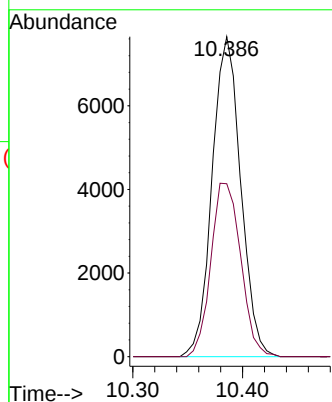
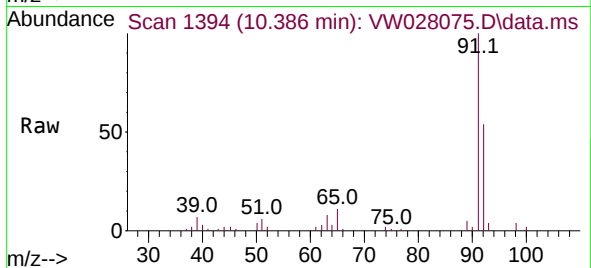
ClientSampleId :

Tgt Ion: 91 Resp: 13873

Ion Ratio Lower Upper

91 100

92 54.0 38.8 72.0



#44

trans-1,3-Dichloropropene

Concen: 1.567 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028075.D

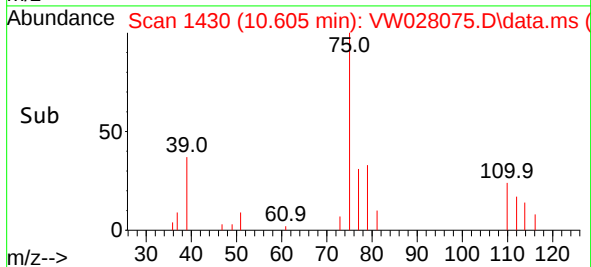
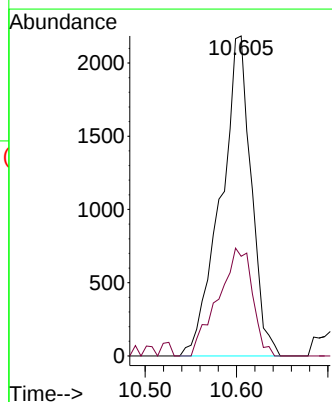
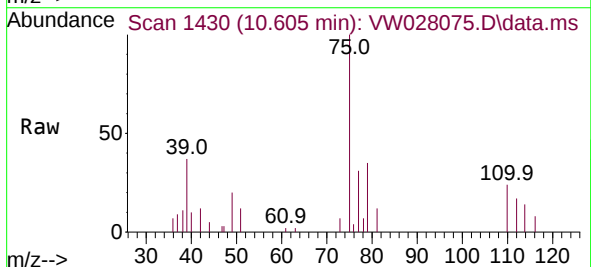
Acq: 28 Feb 2024 13:03

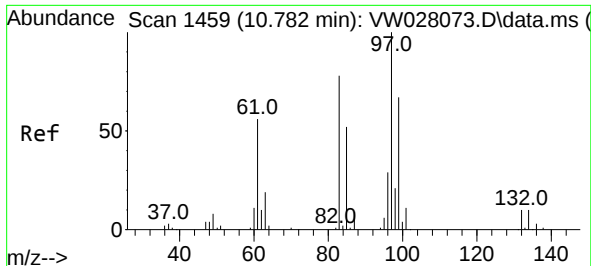
Tgt Ion: 75 Resp: 5064

Ion Ratio Lower Upper

75 100

77 31.1 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 1.346 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 2707

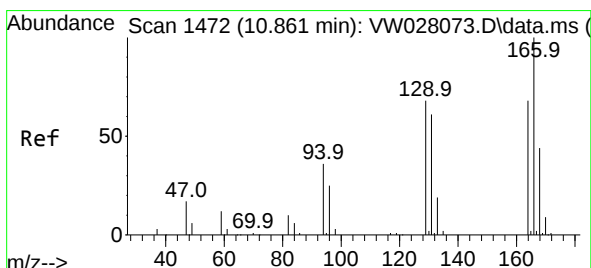
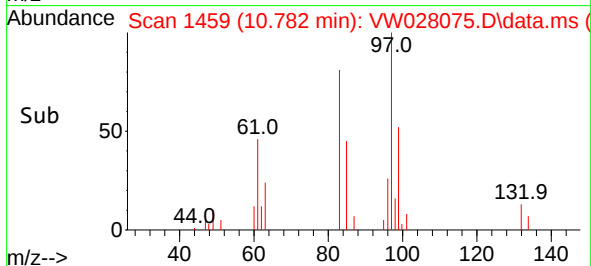
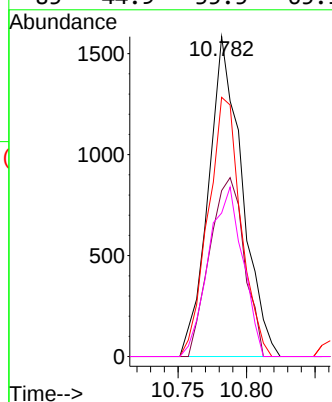
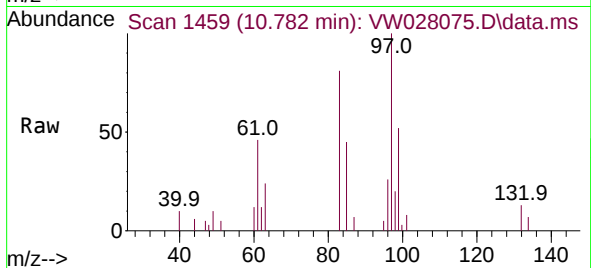
Ion Ratio Lower Upper

97 100

99 51.9 43.3 80.5

83 81.1 57.2 106.2

85 44.9 35.5 65.9



#46

Tetrachloroethene

Concen: 1.138 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

Tgt Ion:164 Resp: 2971

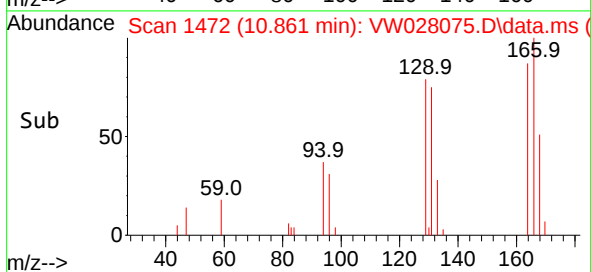
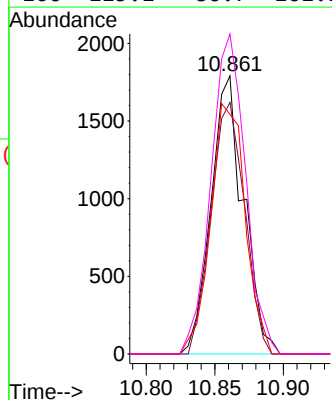
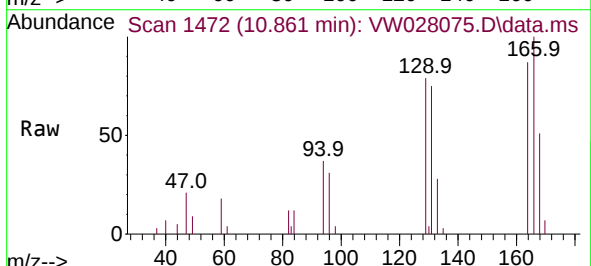
Ion Ratio Lower Upper

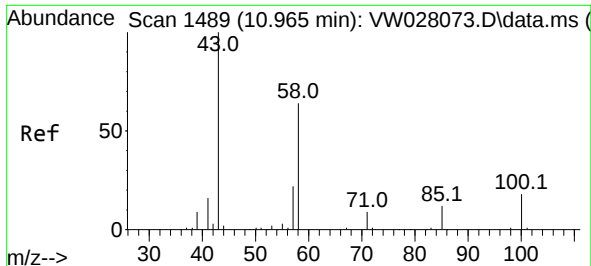
164 100

129 90.5 59.4 110.2

131 86.2 65.0 120.6

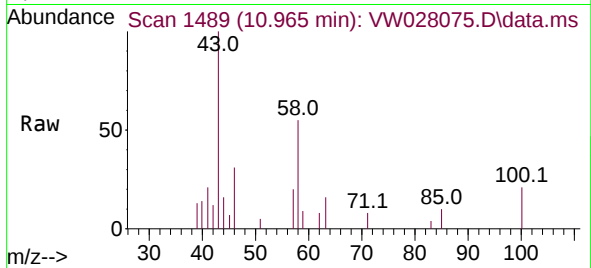
166 115.1 86.7 161.1





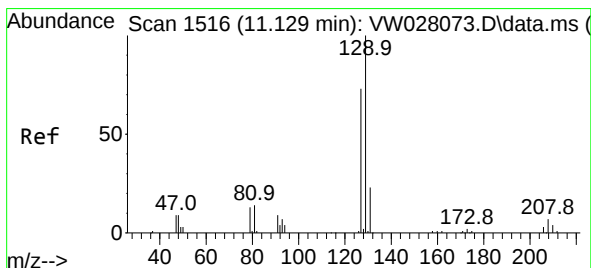
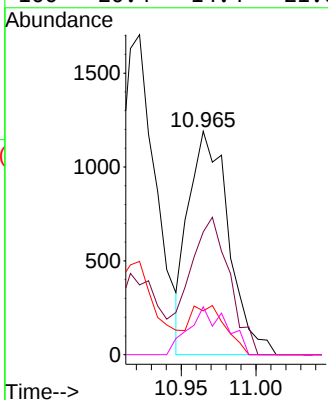
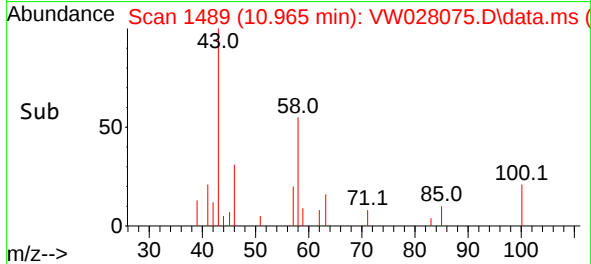
#48
2-Hexanone
Concen: 3.058 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 2221

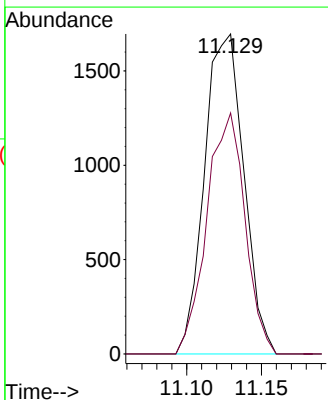
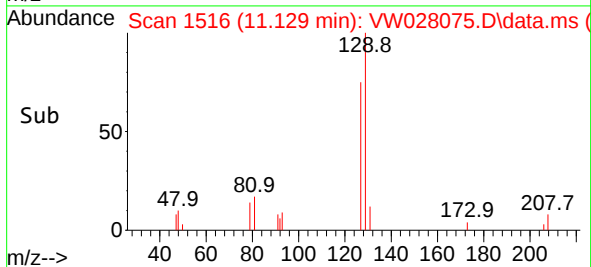
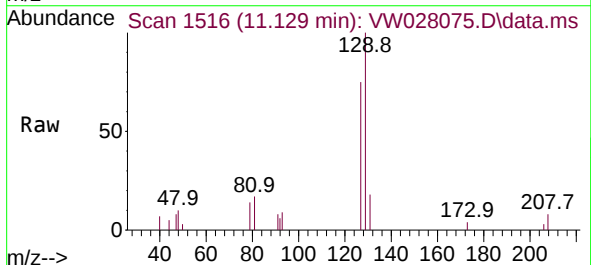
Ion	Ratio	Lower	Upper
43	100		
58	62.0	51.4	77.2
57	18.2	17.4	26.2
100	20.4	14.4	21.6

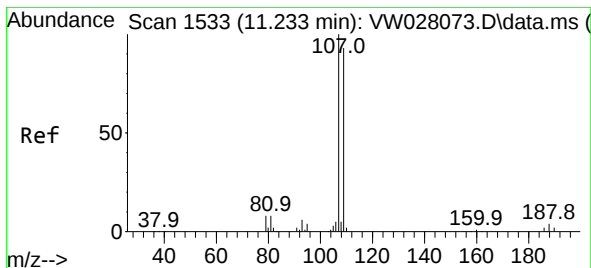


#49
Dibromochloromethane
Concen: 1.351 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

Tgt Ion: 129 Resp: 3097

Ion	Ratio	Lower	Upper
129	100		
127	75.3	49.6	92.0

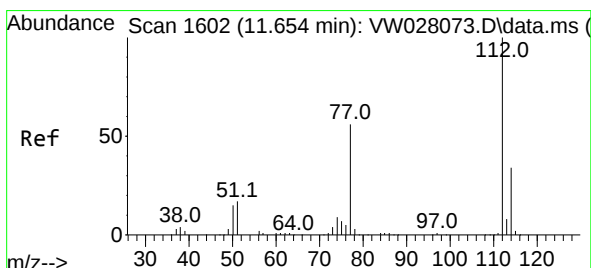
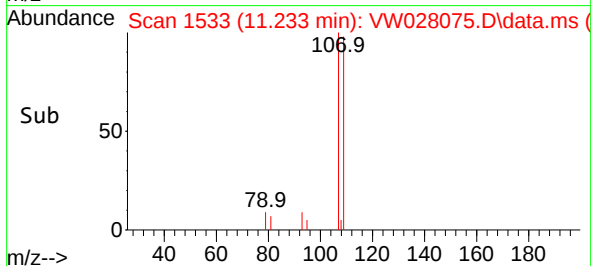
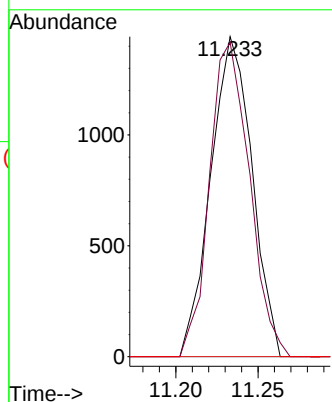
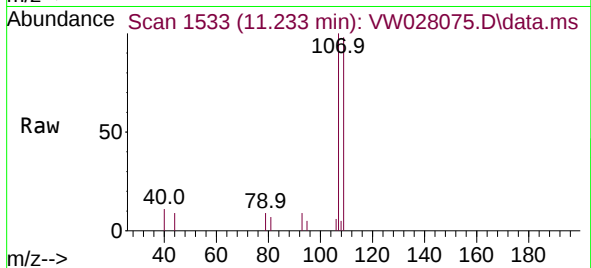




#50
1,2-Dibromoethane
Concen: 1.343 ug/L
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

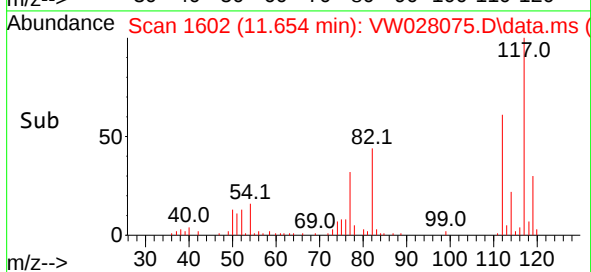
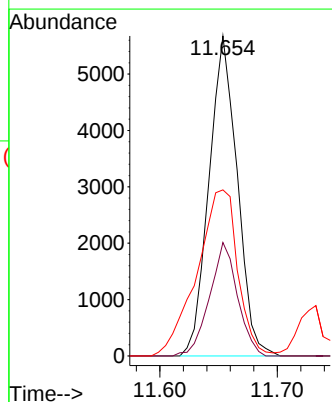
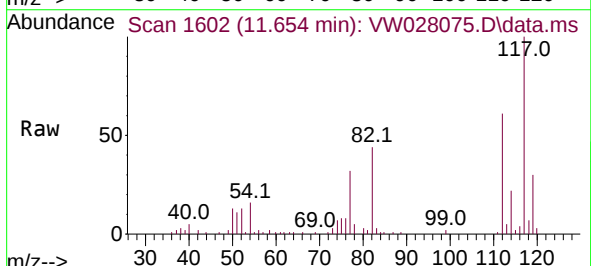
Instrument :
MSVOA_W
ClientSampleId :

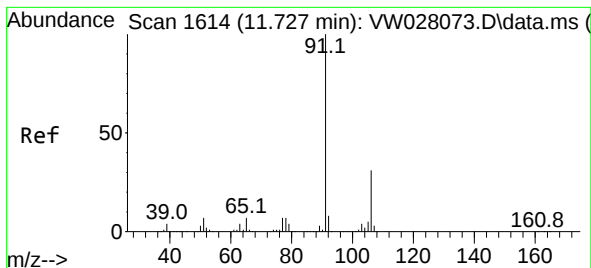
Tgt Ion:107 Resp: 2521
Ion Ratio Lower Upper
107 100
109 98.3 71.2 132.2
188 0.0 3.1 4.7#



#51
Chlorobenzene
Concen: 1.177 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

Tgt Ion:112 Resp: 9485
Ion Ratio Lower Upper
112 100
114 35.5 22.7 42.3
77 51.9 42.6 64.0

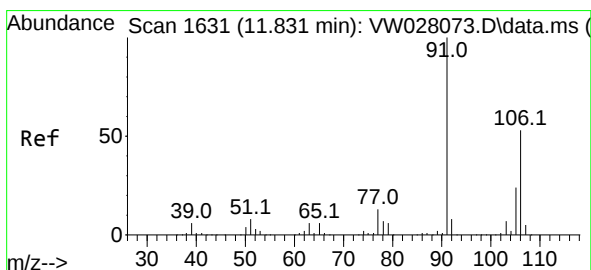
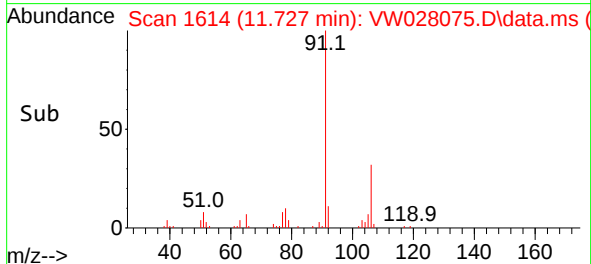
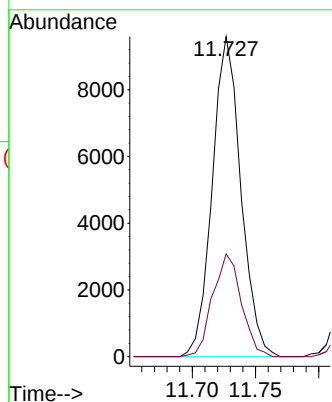
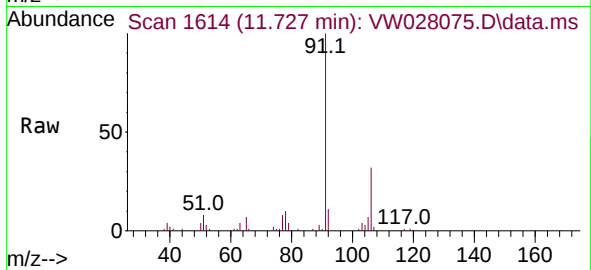




#52
Ethylbenzene
Concen: 1.104 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

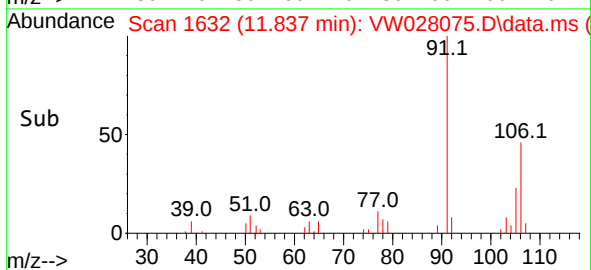
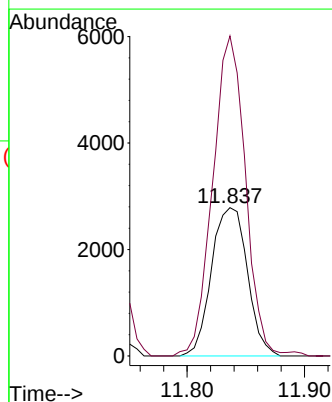
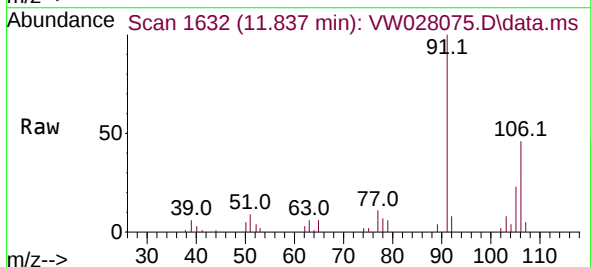
Instrument :
MSVOA_W
ClientSampleId :

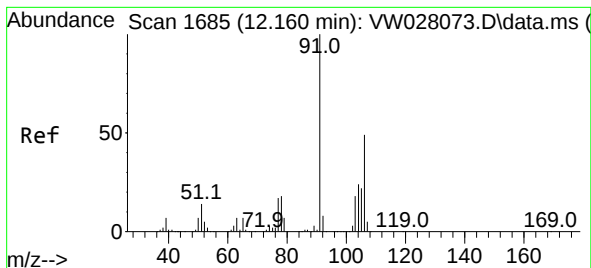
Tgt Ion: 91 Resp: 15090
Ion Ratio Lower Upper
91 100
106 32.1 22.8 42.4



#53
m,p-Xylene
Concen: 1.102 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

Tgt Ion:106 Resp: 5907
Ion Ratio Lower Upper
106 100
91 215.8 130.0 241.4





#54

o-Xylene

Concen: 0.995 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

Instrument :

MSVOA_W

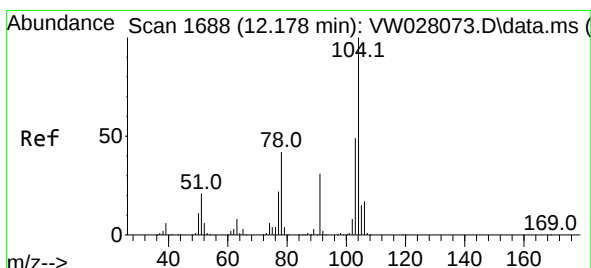
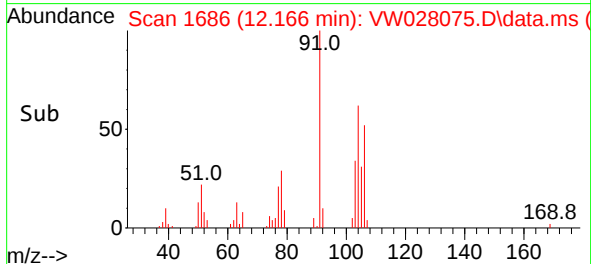
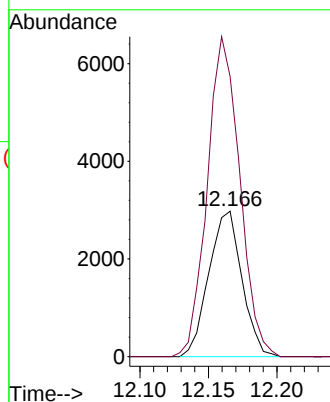
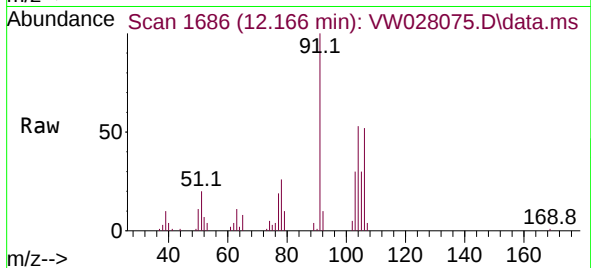
ClientSampleId :

Tgt Ion:106 Resp: 5002

Ion Ratio Lower Upper

106 100

91 192.6 146.4 272.0



#55

Styrene

Concen: 1.068 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW028075.D

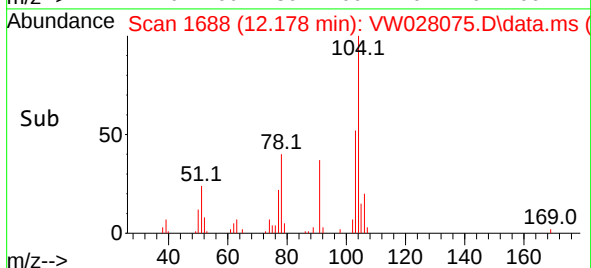
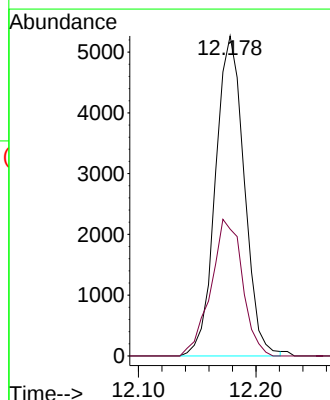
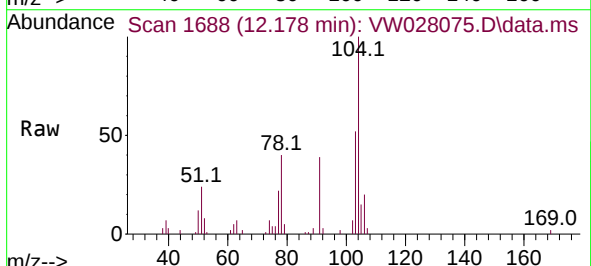
Acq: 28 Feb 2024 13:03

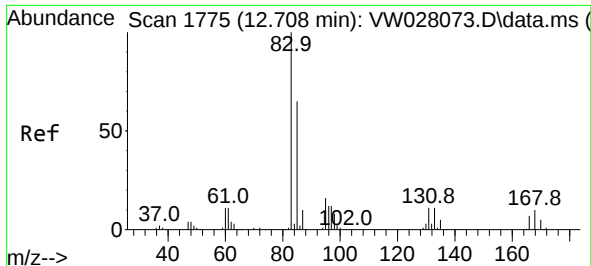
Tgt Ion:104 Resp: 8941

Ion Ratio Lower Upper

104 100

78 39.7 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 1.508 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW028075.D

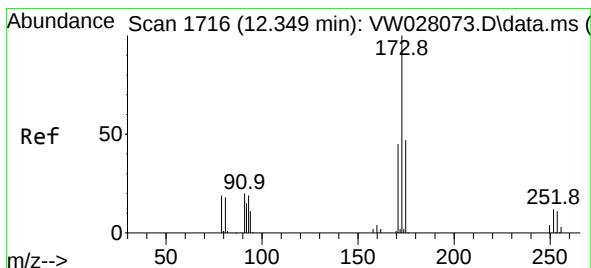
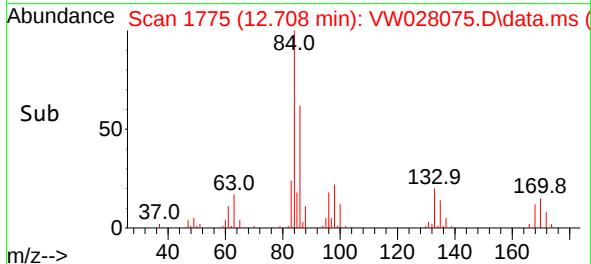
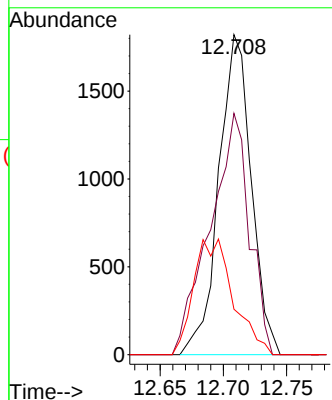
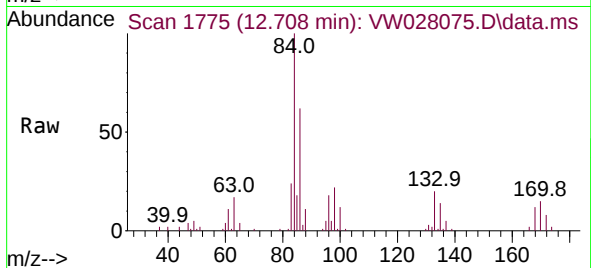
Acq: 28 Feb 2024 13:03

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp:	3247
Ion Ratio	Lower	Upper
83	100	
85	75.4	42.9 79.7
131	14.2	8.7 13.1#



#59

Bromoform

Concen: 1.243 ug/L

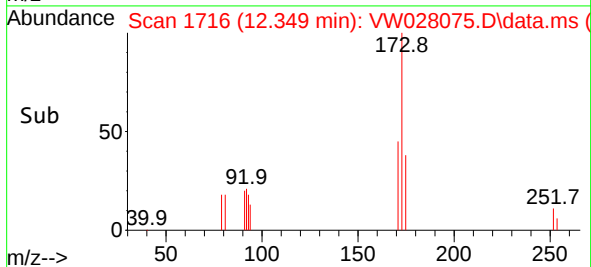
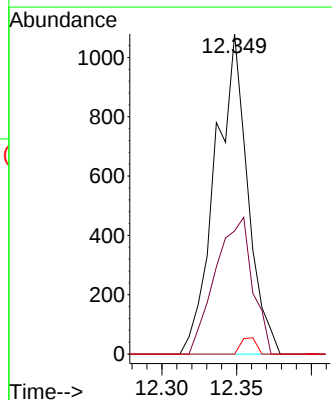
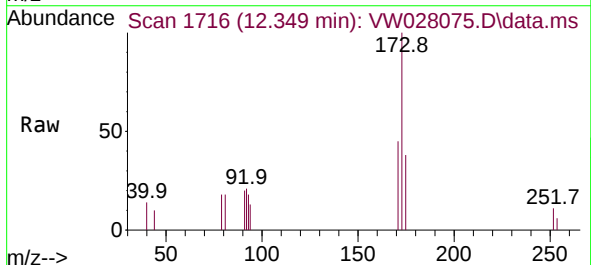
RT: 12.349 min Scan# 1716

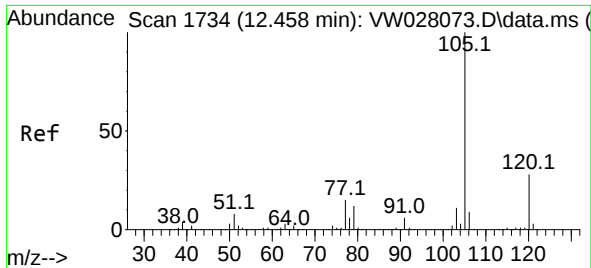
Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

Tgt Ion: 173	Resp:	1625
Ion Ratio	Lower	Upper
173	100	
175	48.9	37.8 56.8
254	2.4	8.4 12.6#

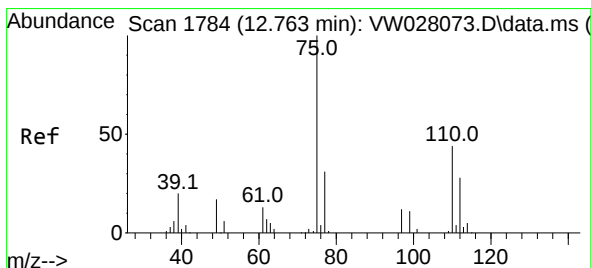
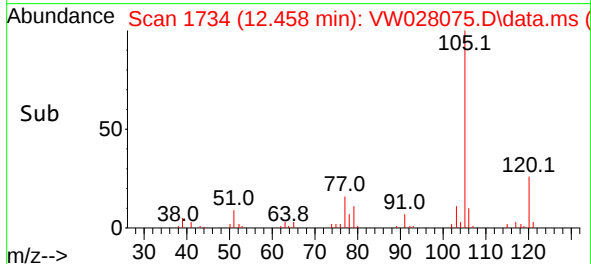
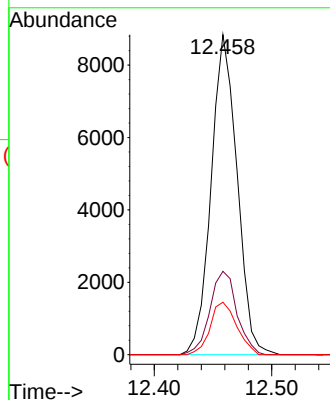
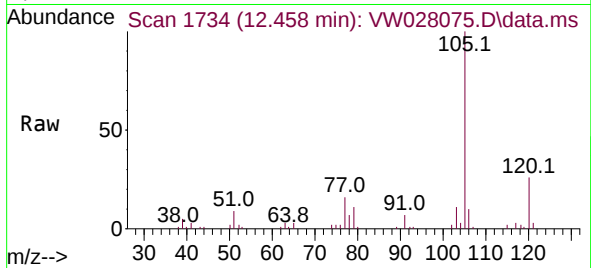




#60
Isopropylbenzene
Concen: 0.982 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

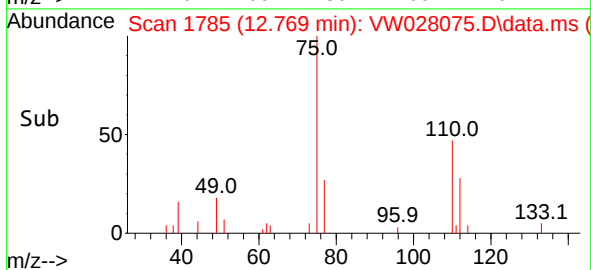
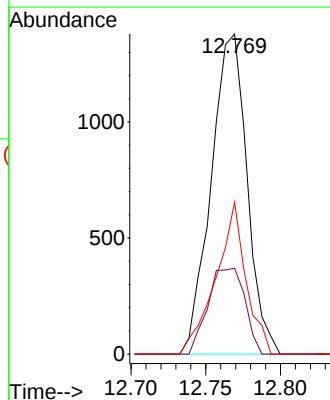
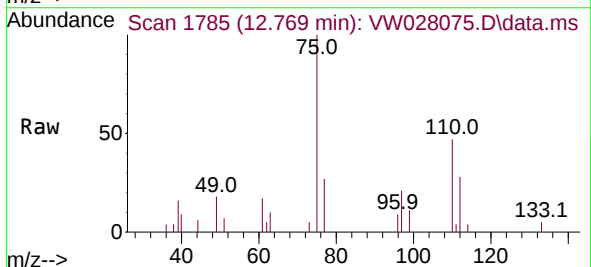
Instrument :
MSVOA_W
ClientSampleId :

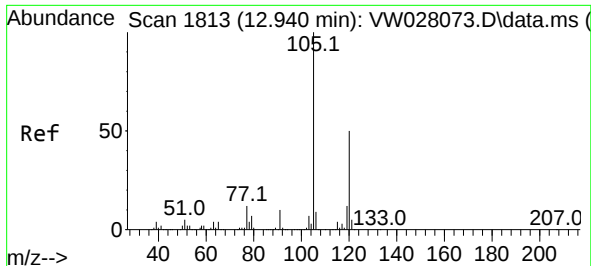
Tgt Ion:105 Resp: 13572
Ion Ratio Lower Upper
105 100
120 27.1 22.2 33.2
77 16.8 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 1.561 ug/L
RT: 12.769 min Scan# 1785
Delta R.T. 0.006 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

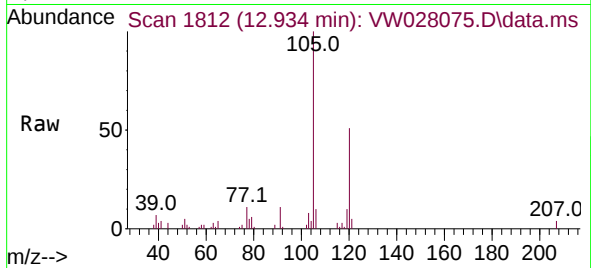
Tgt Ion: 75 Resp: 2306
Ion Ratio Lower Upper
75 100
77 27.5 26.5 39.7
110 39.8 35.8 53.8



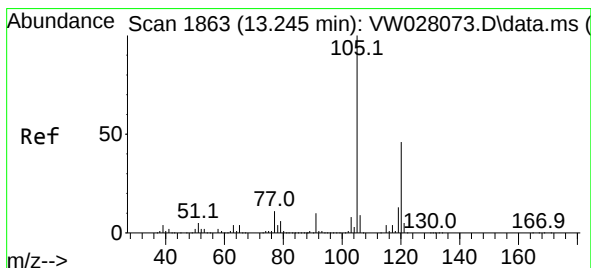
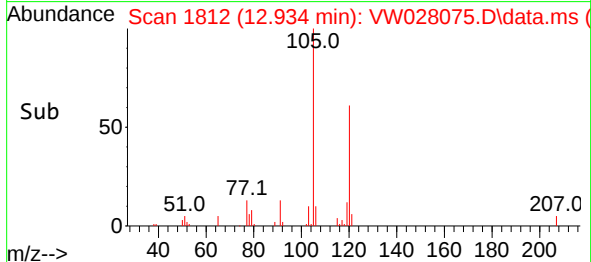
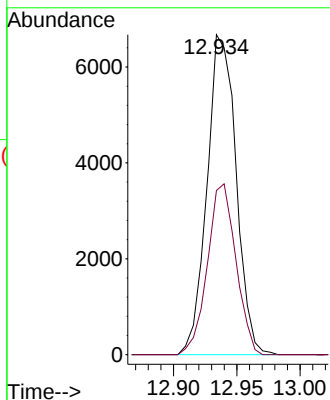


#62
1,3,5-Trimethylbenzene
Concen: 0.965 ug/L
RT: 12.934 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

Instrument :
MSVOA_W
ClientSampleId :

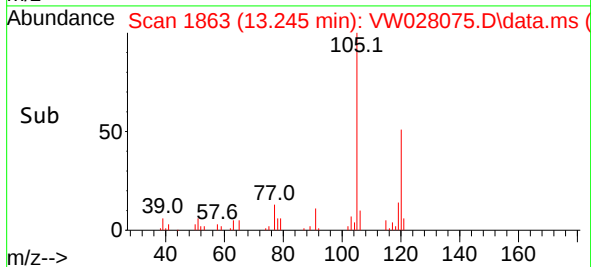
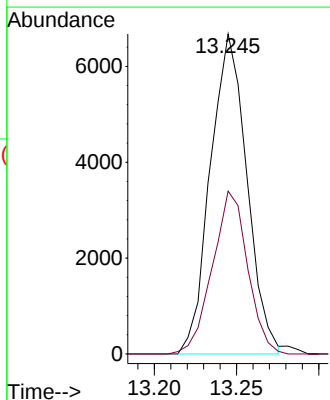
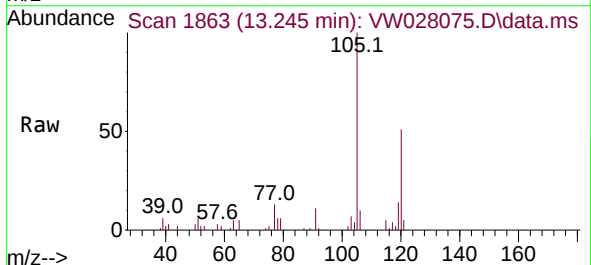


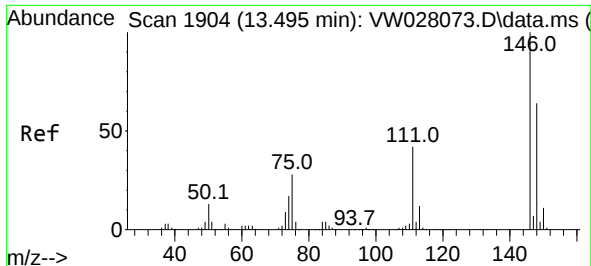
Tgt Ion:105 Resp: 10675
Ion Ratio Lower Upper
105 100
120 52.3 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 0.951 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

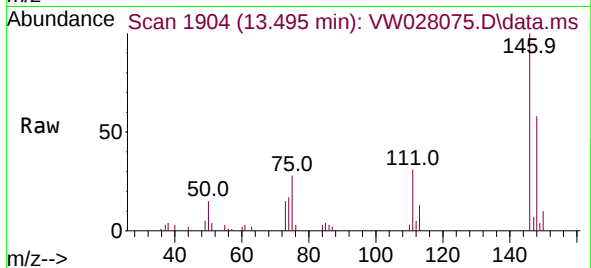
Tgt Ion:105 Resp: 10296
Ion Ratio Lower Upper
105 100
120 49.1 36.4 54.6



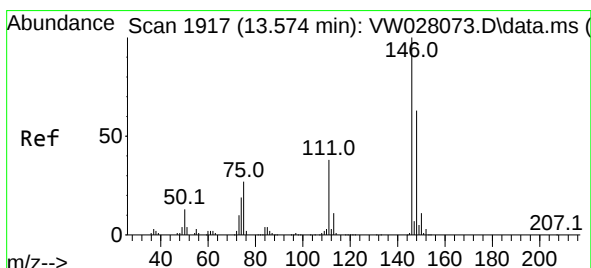
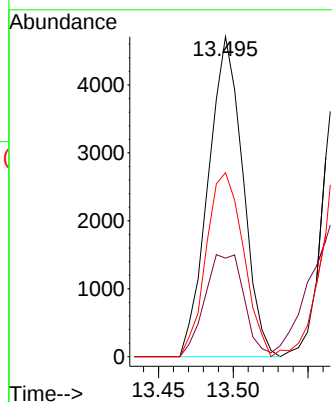
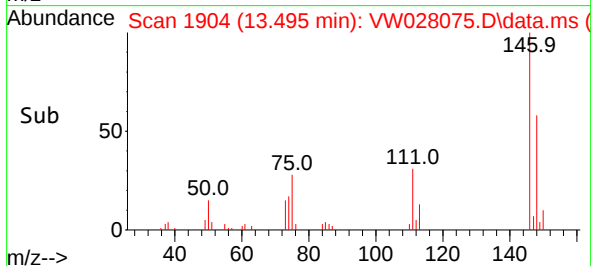


#64
1,3-Dichlorobenzene
Concen: 1.193 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

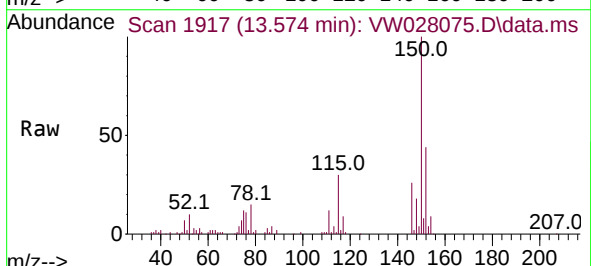
Instrument :
MSVOA_W
ClientSampleId :



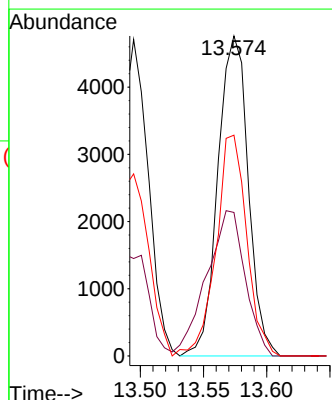
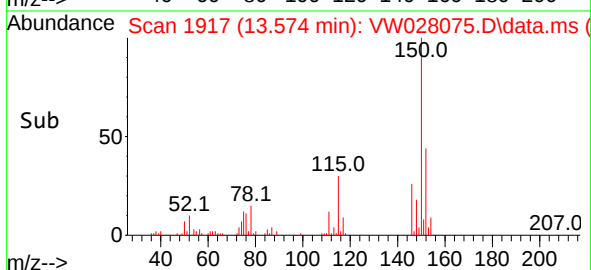
Tgt Ion:146 Resp: 7575
Ion Ratio Lower Upper
146 100
111 30.8 26.9 49.9
148 57.5 41.2 76.6

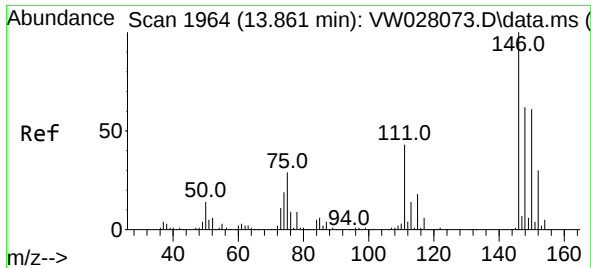


#65
1,4-Dichlorobenzene
Concen: 1.231 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03



Tgt Ion:146 Resp: 7950
Ion Ratio Lower Upper
146 100
111 44.8 24.1 44.8
148 69.0 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 1.245 ug/L

RT: 13.861 min Scan# 1964

Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

Instrument :

MSVOA_W

ClientSampleId :

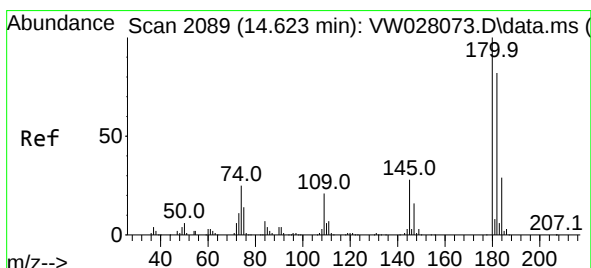
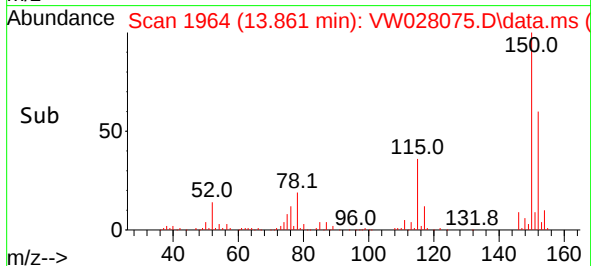
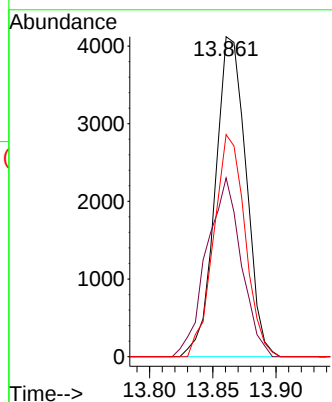
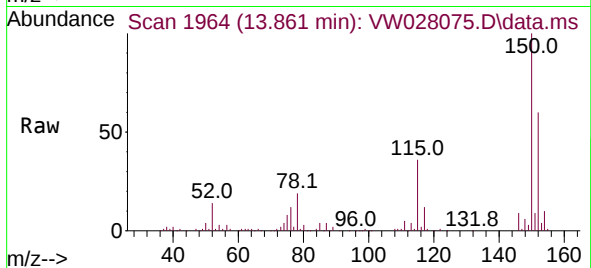
Tgt Ion:146 Resp: 6983

Ion Ratio Lower Upper

146 100

111 55.8 30.6 46.0#

148 69.4 48.6 72.8



#69

1,3,5-Trichlorobenzene

Concen: 1.174 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028075.D

Acq: 28 Feb 2024 13:03

Tgt Ion:180 Resp: 5353

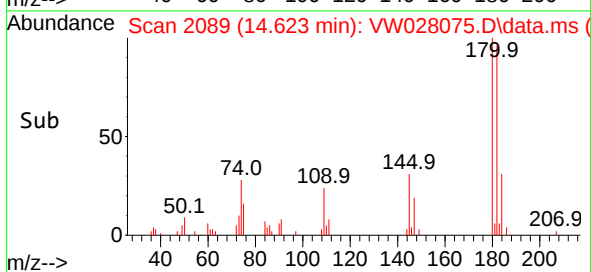
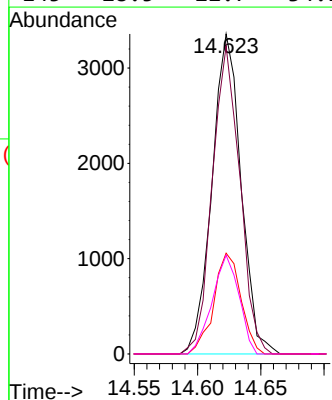
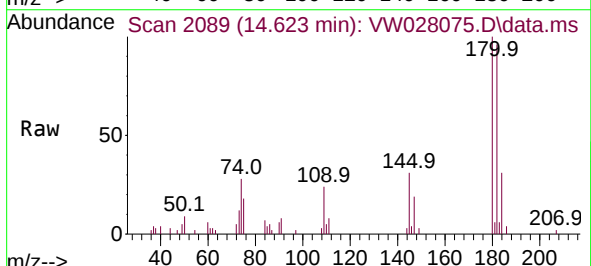
Ion Ratio Lower Upper

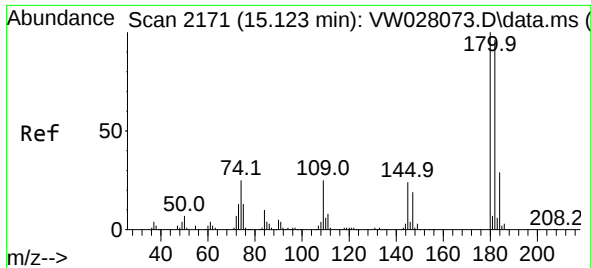
180 100

182 91.2 72.1 108.1

184 29.5 24.4 36.6

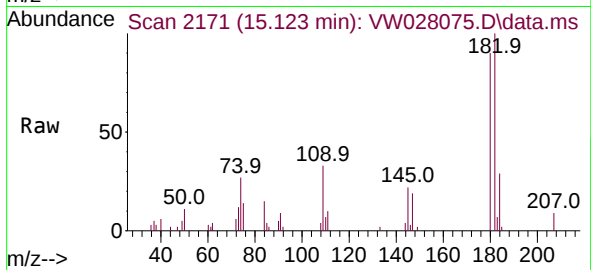
145 28.5 22.7 34.1



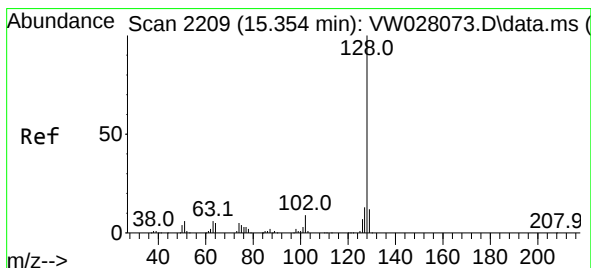
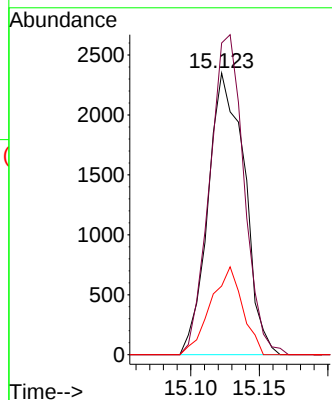
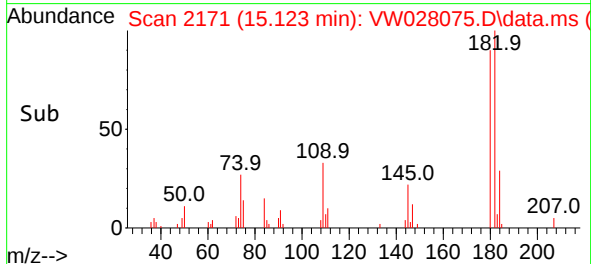


#70
1,2,4-trichlorobenzene
Concen: 1.177 ug/L
RT: 15.123 min Scan# 2171
Delta R.T. -0.000 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03

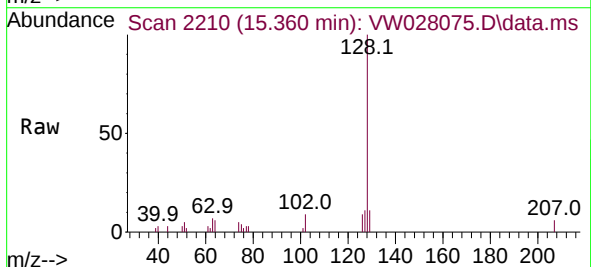
Instrument :
MSVOA_W
ClientSampleId :



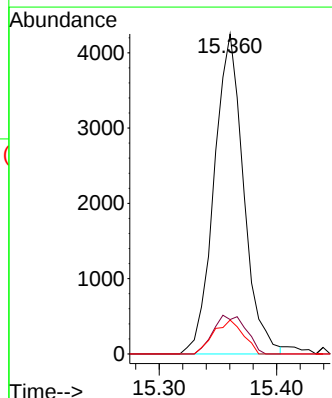
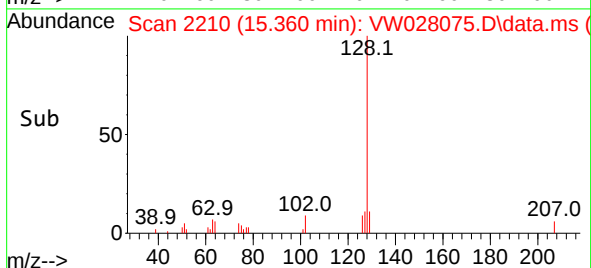
Tgt Ion:180 Resp: 4335
Ion Ratio Lower Upper
180 100
182 107.1 77.0 115.6
145 27.5 23.4 35.0

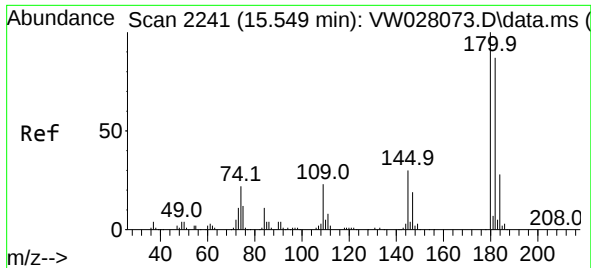


#71
Naphthalene
Concen: 1.294 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW028075.D
Acq: 28 Feb 2024 13:03



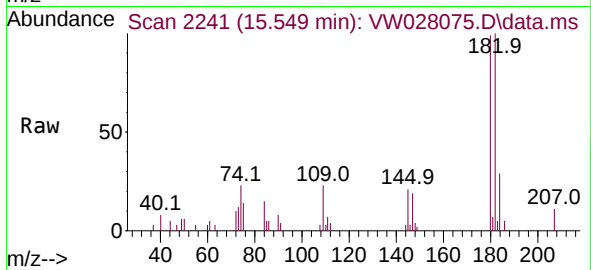
Tgt Ion:128 Resp: 7404
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.6 8.4 12.6





#72
 1,2,3-Trichlorobenzene
 Concen: 1.223 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW028075.D
 Acq: 28 Feb 2024 13:03

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	3757
Ion Ratio	Lower	Upper	
180	100		
182	99.0	76.5	114.7
145	33.4	25.8	38.8

