

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
 Data File : VY013899.D
 Acq On : 26 May 2023 17:33
 Operator : KP/MD
 Sample : 02945-04
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB17B

Quant Time: May 29 04:35:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

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

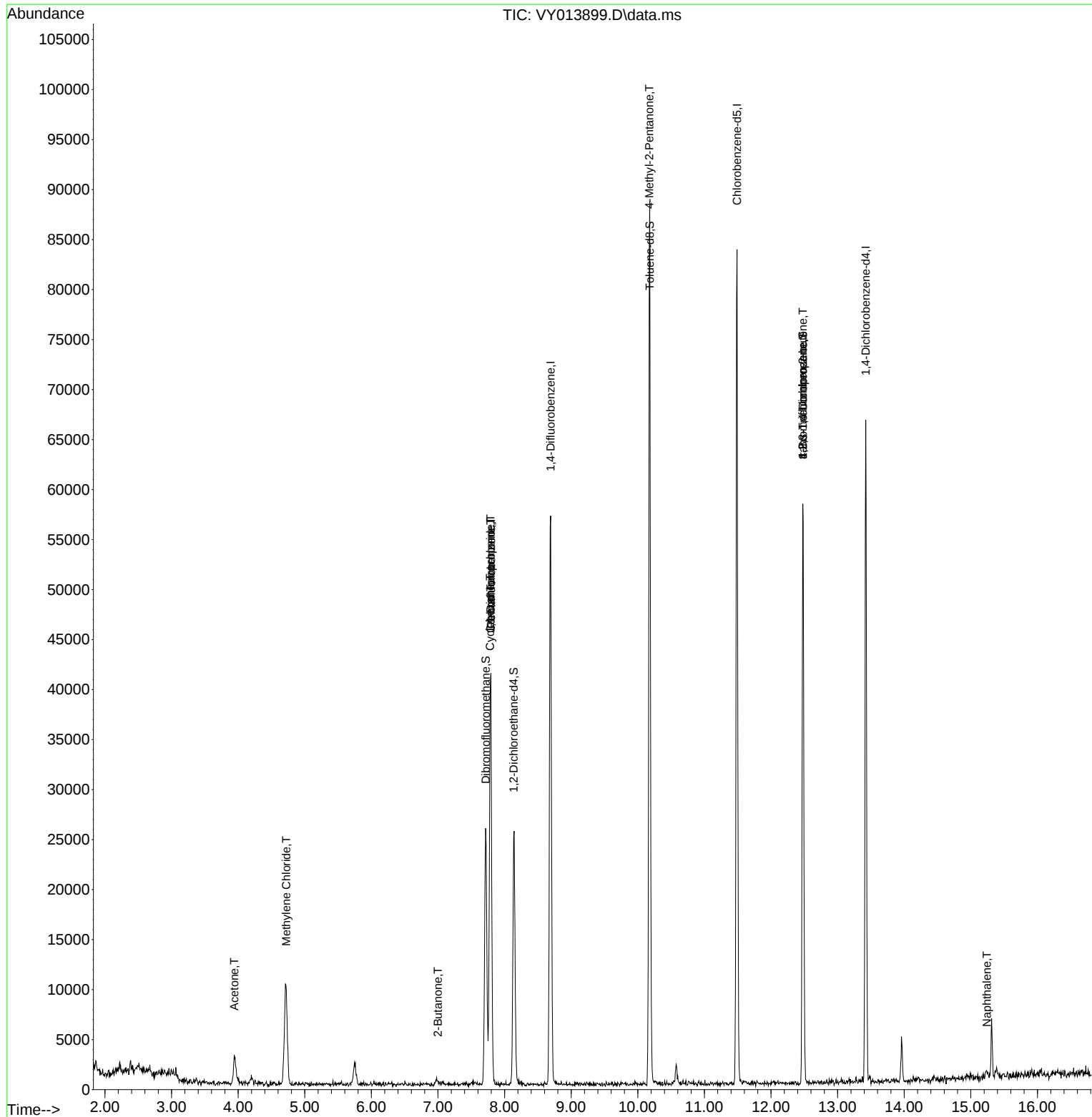
Internal Standards						
1) Pentafluorobenzene	7.795	168	32793	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	48755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	45155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	16848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	21034	55.443	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery	= 110.880%		
35) Dibromofluoromethane	7.716	113	17188	54.589	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 109.180%		
50) Toluene-d8	10.179	98	56725	47.402	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 94.800%		
62) 4-Bromofluorobenzene	12.477	95	15423	38.773	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 77.540%		
Target Compounds						Qvalue
16) Acetone	3.942	43	5191	46.101	ug/l	# 82
20) Methylene Chloride	4.722	84	7106	16.075	ug/l	# 88
25) 2-Butanone	6.996	43	322	2.344	ug/l	# 49
31) Cyclohexane	7.783	56	727	1.247	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	2609	5.440	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	3389	6.214	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.172	43	290	1.021	ug/l	# 1
76) 1,2,3-Trichloropropane	12.477	75	9052	45.565	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	9052	98.908	ug/l	# 10
95) Naphthalene	15.239	128	735	5.478	ug/l	# 77

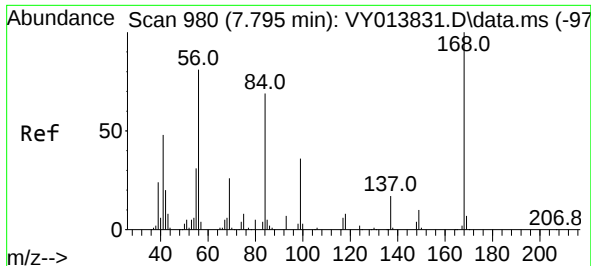
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052623\
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Quant Time: May 29 04:35:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

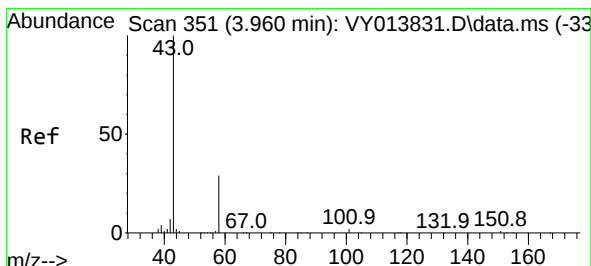
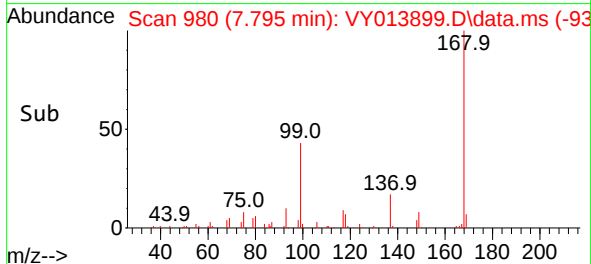
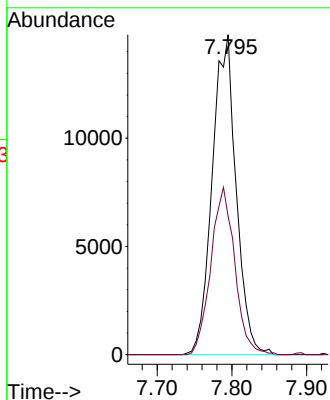
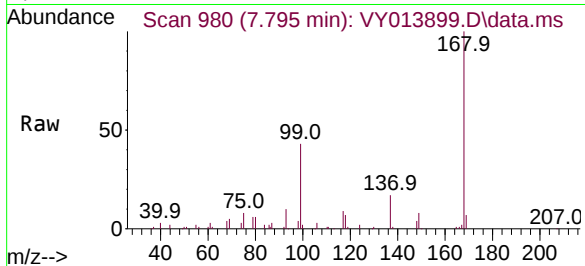




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

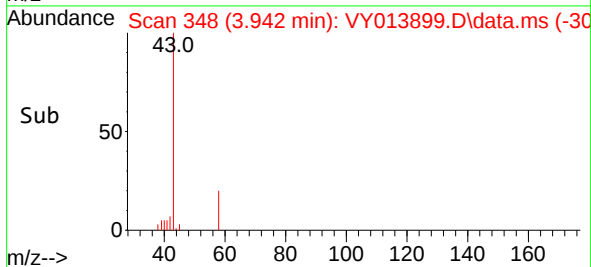
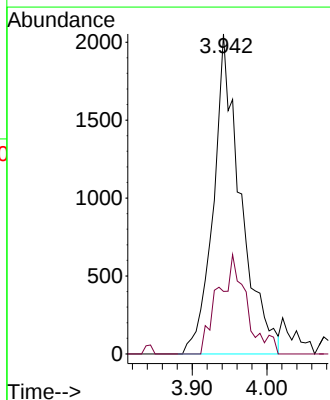
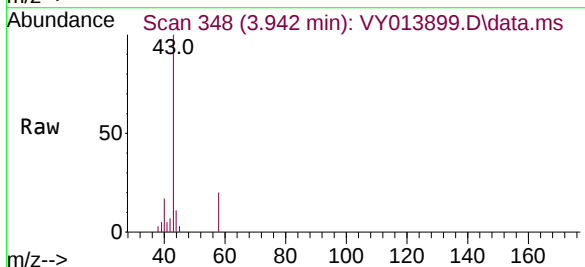
Instrument :
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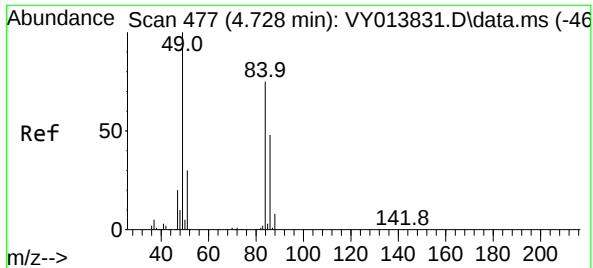
Tgt Ion:168 Resp: 32793
Ion Ratio Lower Upper
168 100
99 43.2 43.4 65.2#



#16
Acetone
Concen: 46.101 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.018 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

Tgt Ion: 43 Resp: 5191
Ion Ratio Lower Upper
43 100
58 19.5 23.3 34.9#

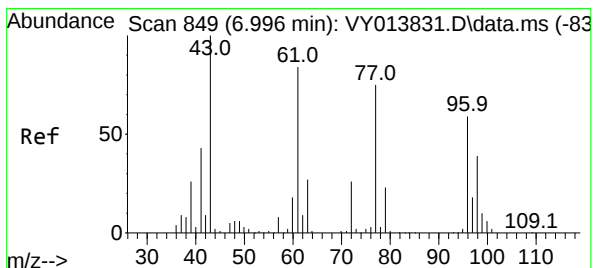
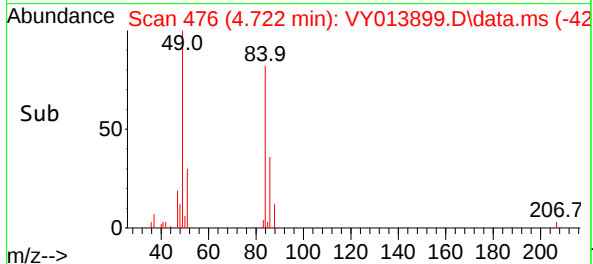
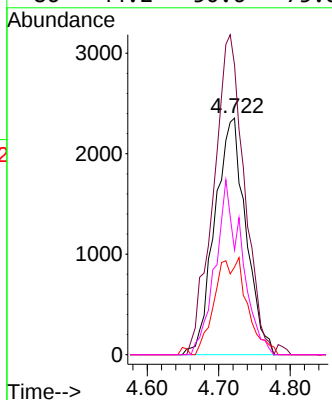
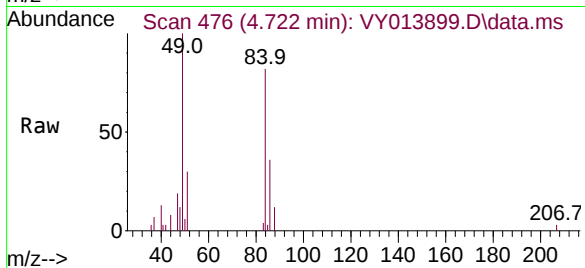




#20
Methylene Chloride
Concen: 16.075 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

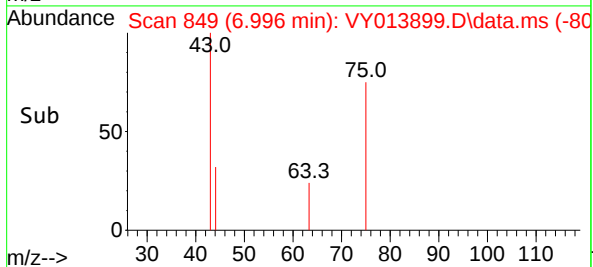
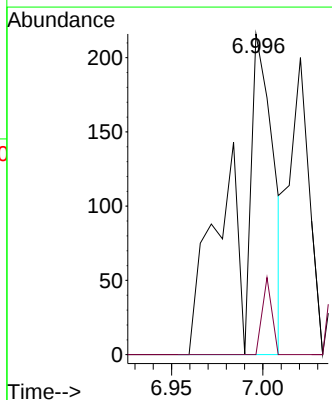
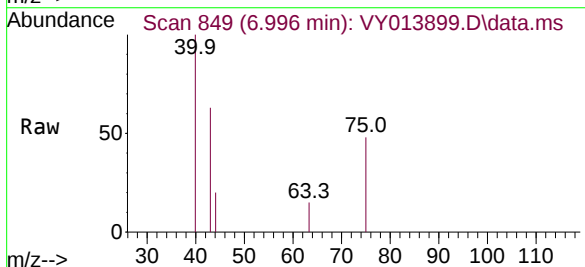
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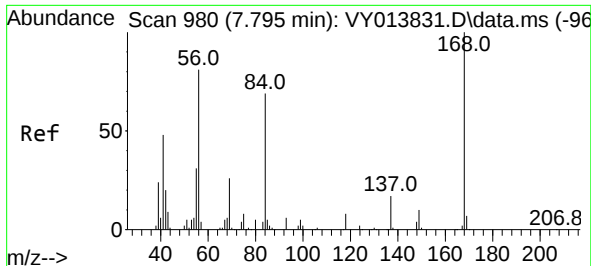
Tgt Ion:	84	Resp:	7106
Ion	Ratio	Lower	Upper
84	100		
49	122.4	106.2	159.2
51	37.0	31.4	47.0
86	44.2	50.6	75.8



#25
2-Butanone
Concen: 2.344 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

Tgt Ion:	43	Resp:	322
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7

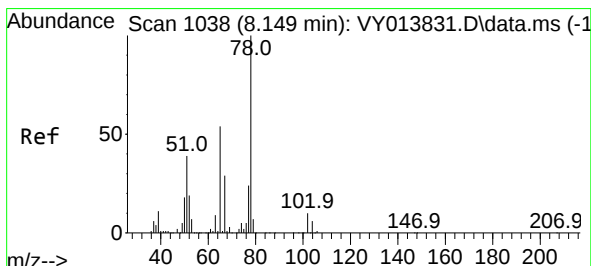
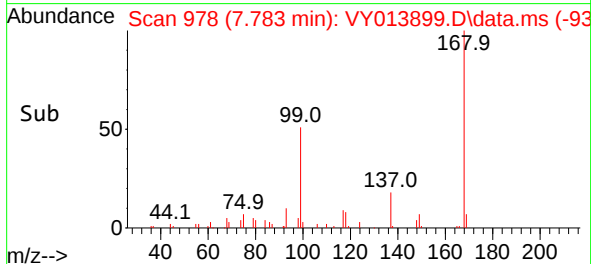
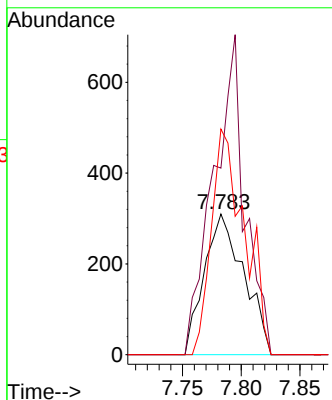
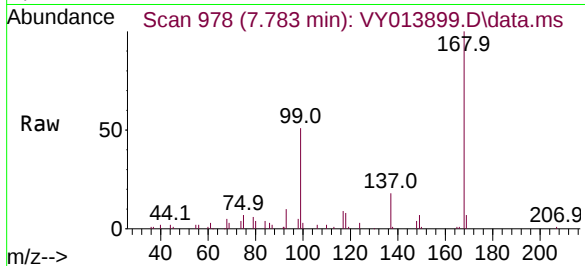




#31
Cyclohexane
Concen: 1.247 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

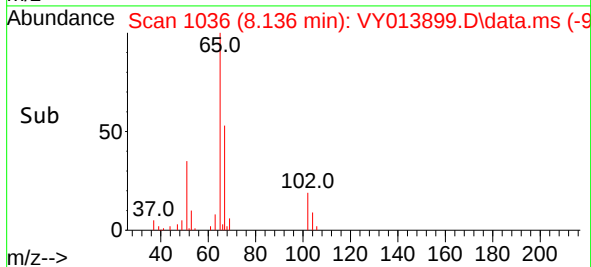
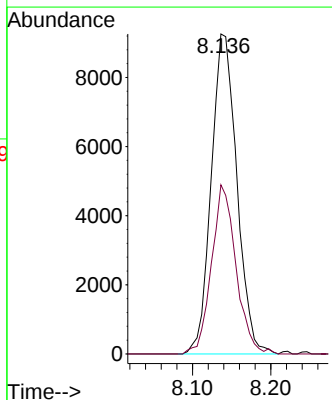
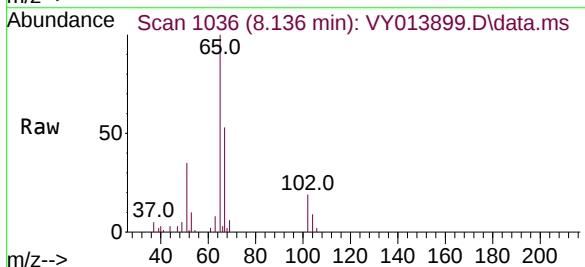
Instrument :
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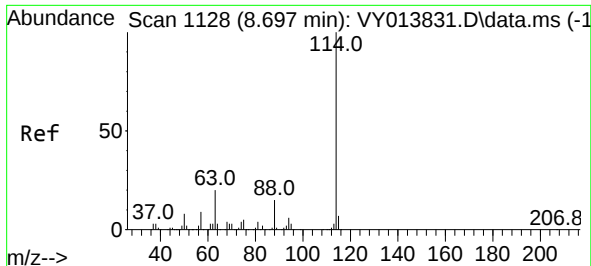
Tgt Ion: 56 Resp: 727
Ion Ratio Lower Upper
56 100
69 132.6 25.8 38.8#
84 160.3 68.2 102.2#



#33
1,2-Dichloroethane-d4
Concen: 55.443 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

Tgt Ion: 65 Resp: 21034
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.4

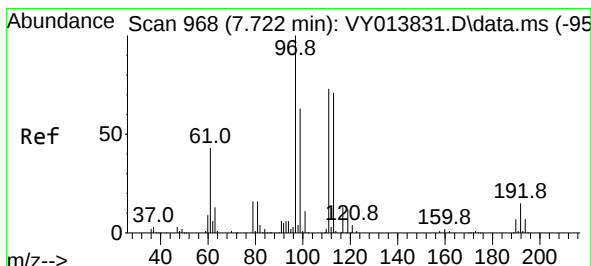
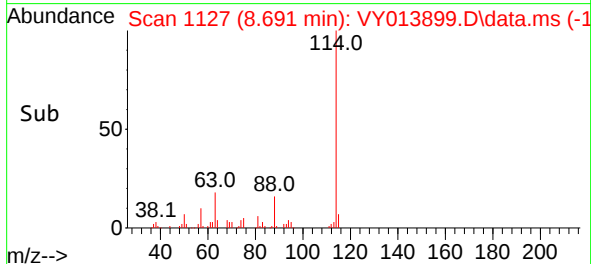
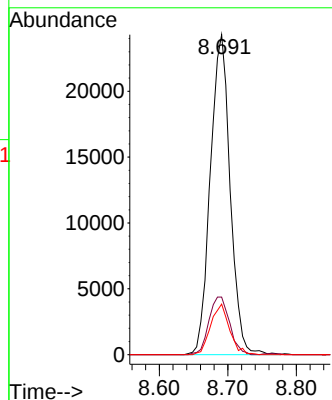
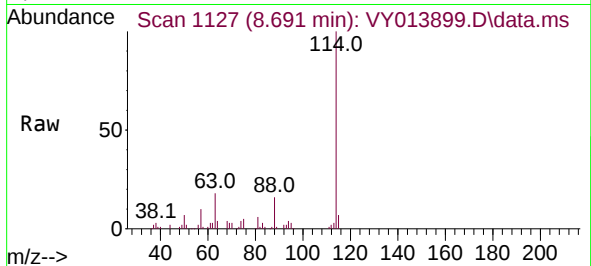




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

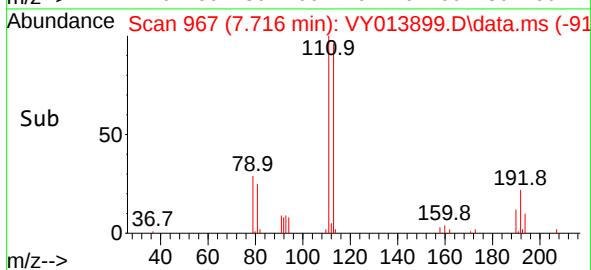
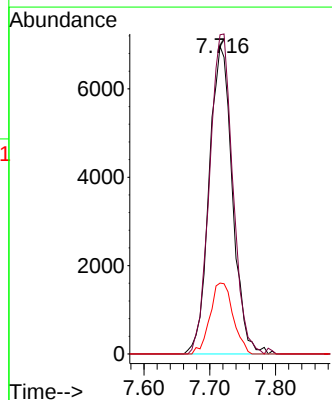
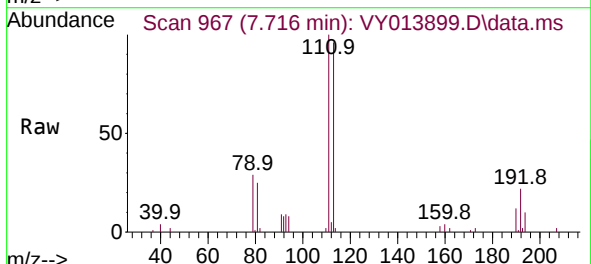
Instrument :
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ClientSampleId :
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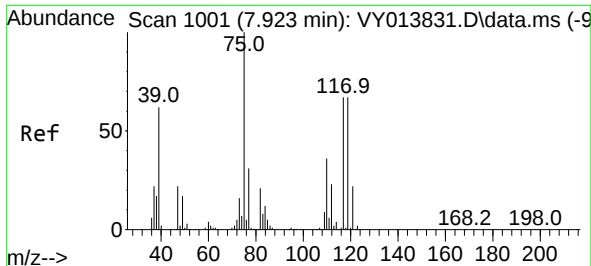
Tgt Ion:114	Resp:	48755
Ion Ratio	Lower	Upper
114	100	
63	18.0	0.0 40.2
88	15.8	0.0 30.0



#35
Dibromofluoromethane
Concen: 54.589 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

Tgt Ion:113	Resp:	17188
Ion Ratio	Lower	Upper
113	100	
111	103.7	80.4 120.6
192	22.8	16.6 25.0

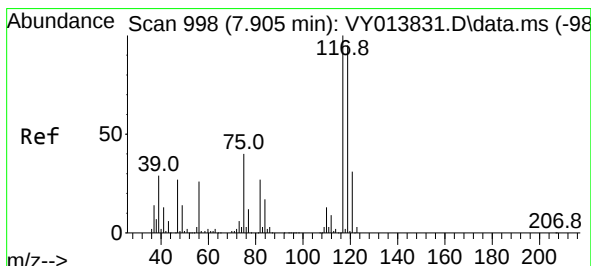
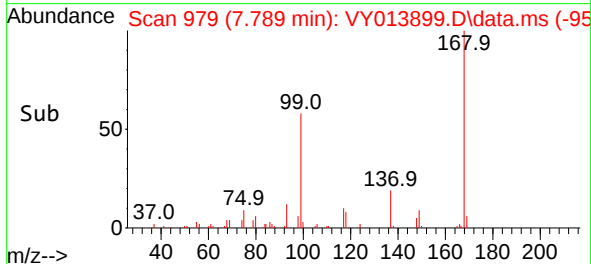
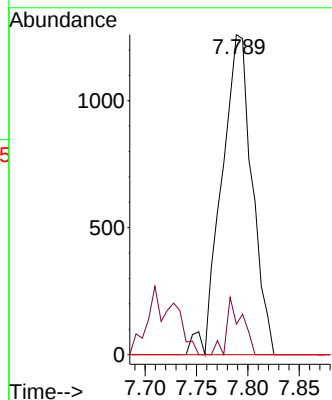
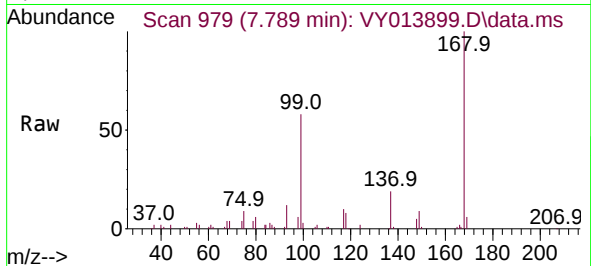




#36
1,1-Dichloropropene
Concen: 5.440 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

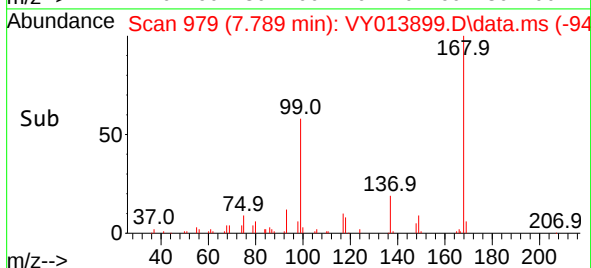
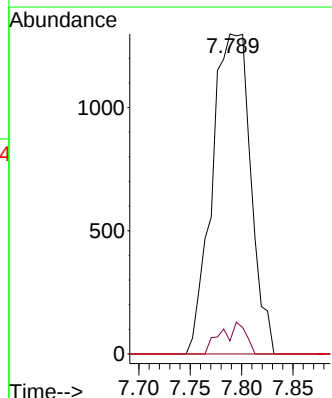
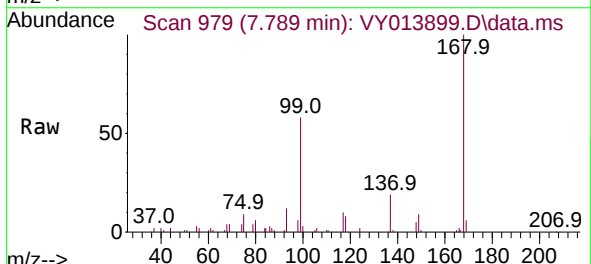
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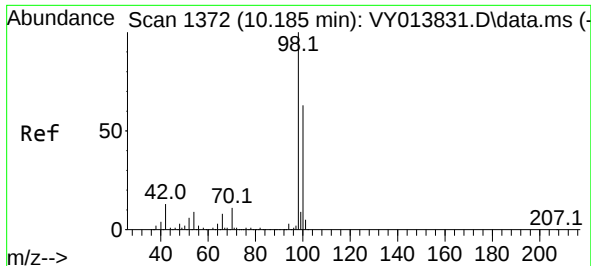
Tgt Ion: 75 Resp: 2609
Ion Ratio Lower Upper
75 100
110 9.1 17.5 52.6#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.214 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

Tgt Ion: 117 Resp: 3389
Ion Ratio Lower Upper
117 100
119 4.1 75.6 113.4#
121 0.0 24.8 37.2#

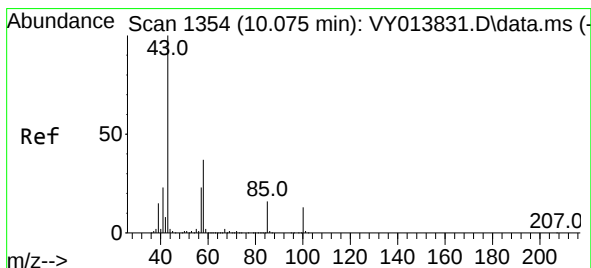
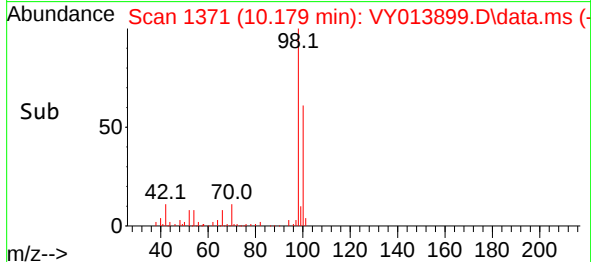
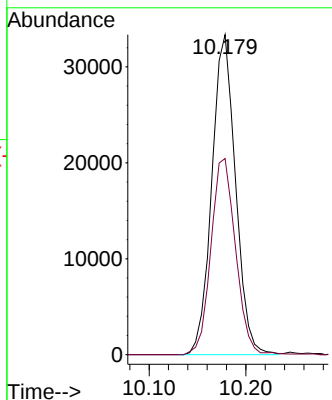
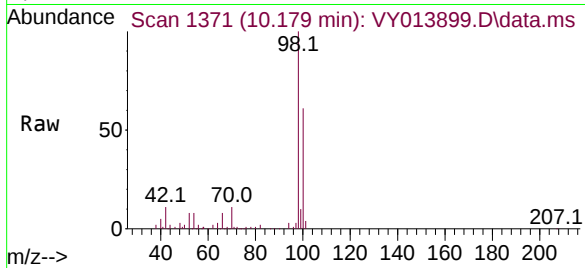




#50
Toluene-d8
Concen: 47.402 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

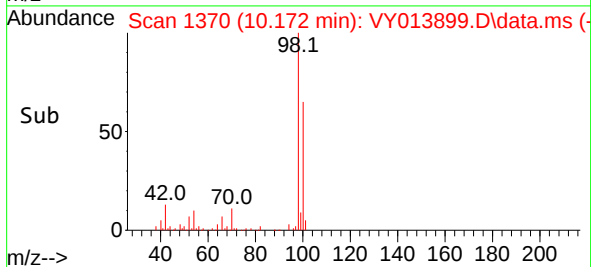
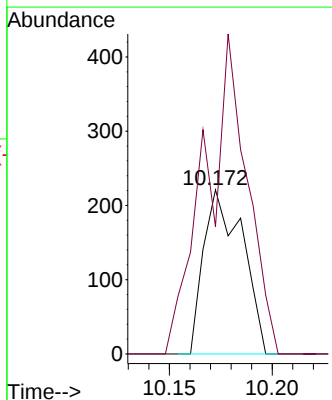
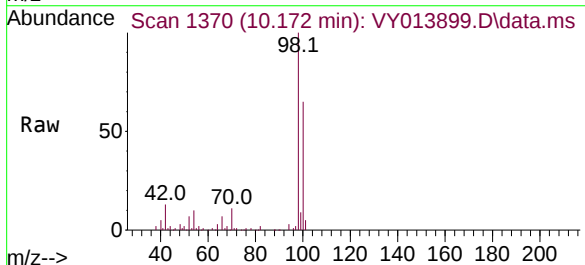
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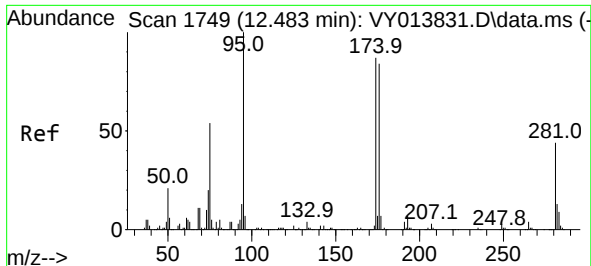
Tgt Ion: 98 Resp: 56725
Ion Ratio Lower Upper
98 100
100 63.8 50.8 76.2



#51
4-Methyl-2-Pentanone
Concen: 1.021 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. 0.097 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
58 210.7 29.1 43.7#

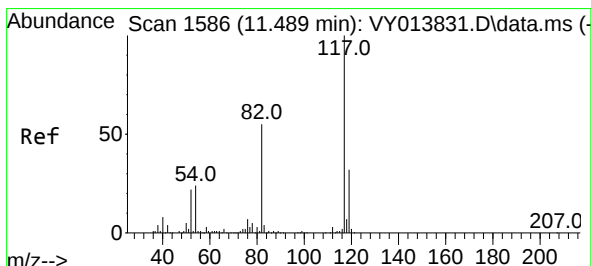
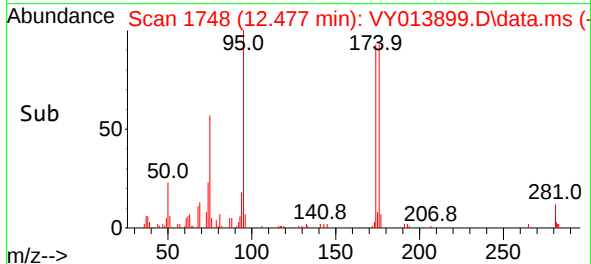
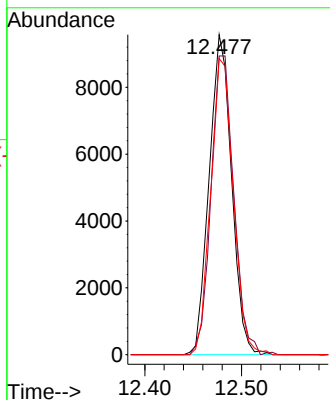
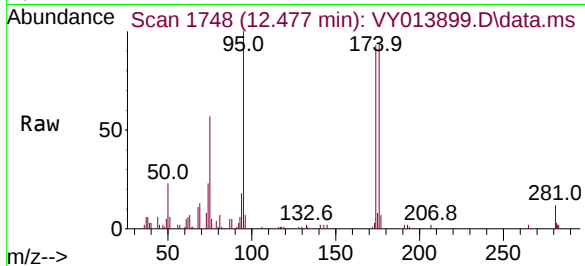




#62
4-Bromofluorobenzene
Concen: 38.773 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

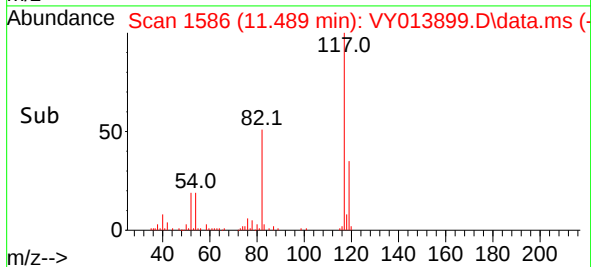
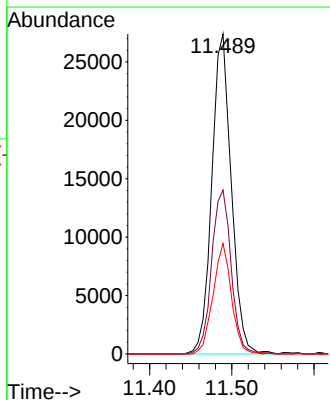
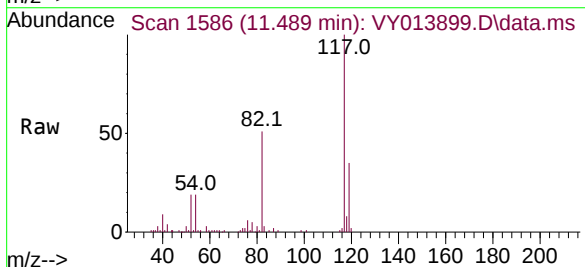
Instrument :
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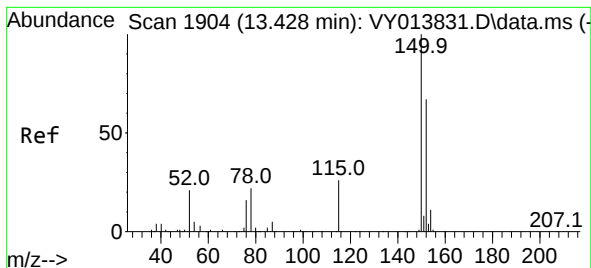
Tgt Ion: 95 Resp: 15423
Ion Ratio Lower Upper
95 100
174 94.8 0.0 176.0
176 93.2 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

Tgt Ion: 117 Resp: 45155
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.4
119 34.5 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY013899.D

Acq: 26 May 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

SB17B

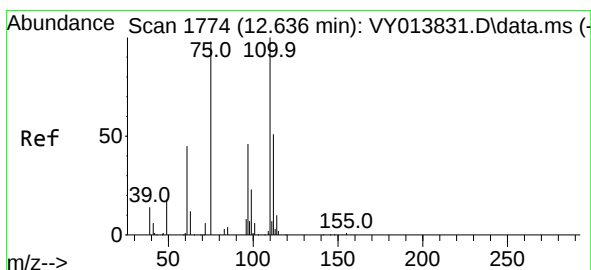
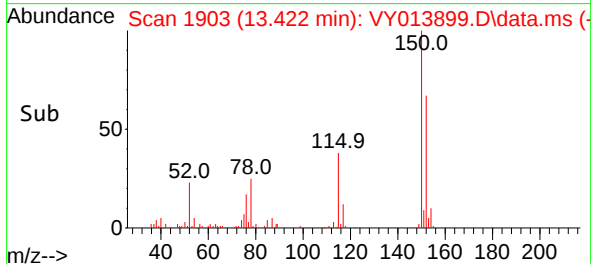
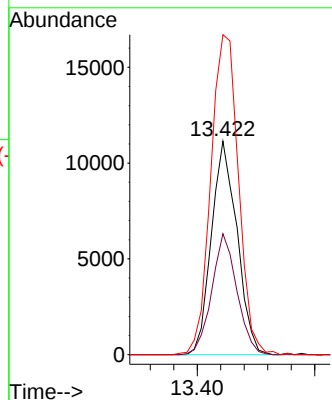
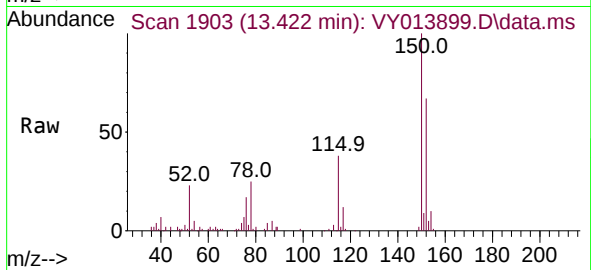
Tgt Ion:152 Resp: 16848

Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 162.5 0.0 353.4



#76

1,2,3-Trichloropropane

Concen: 45.565 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY013899.D

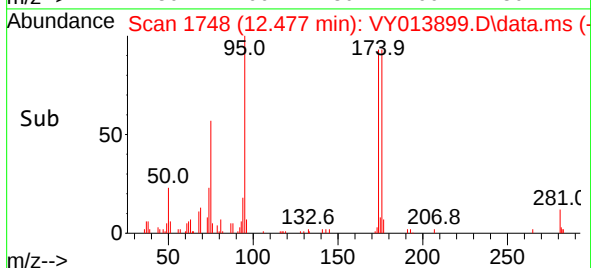
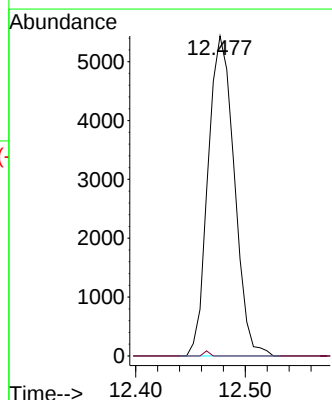
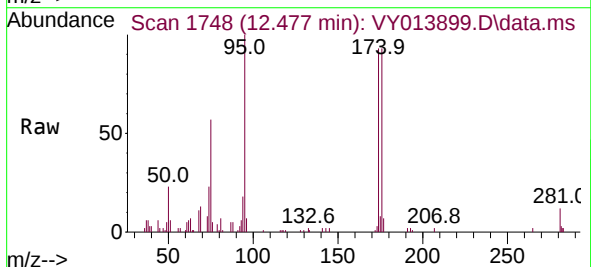
Acq: 26 May 2023 17:33

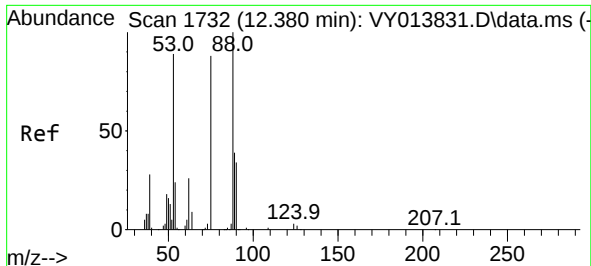
Tgt Ion: 75 Resp: 9052

Ion Ratio Lower Upper

75 100

77 0.3 0.0 0.0#

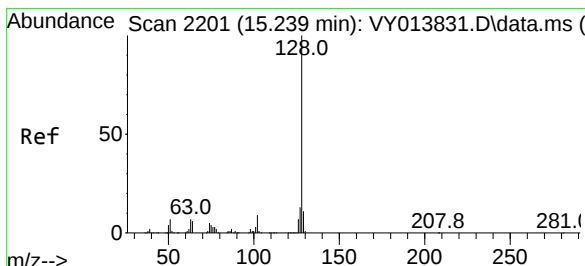
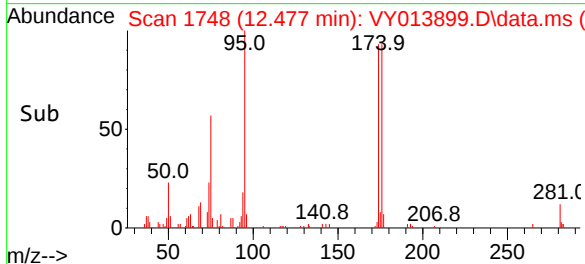
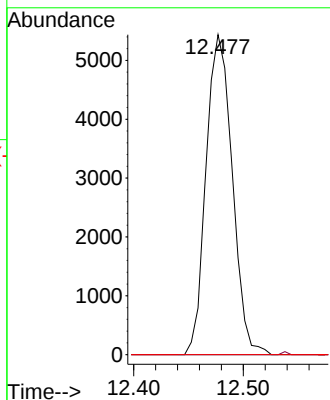
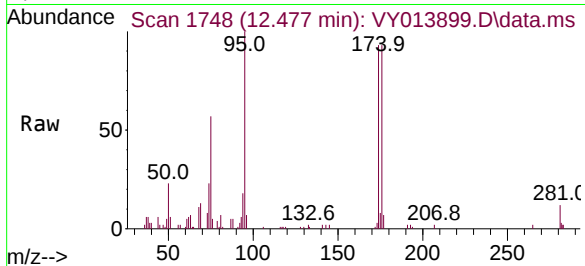




#81
trans-1,4-Dichloro-2-butene
Concen: 98.908 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

Instrument :
MSVOA_Y
ClientSampleId :
SB17B

Tgt Ion: 75 Resp: 9052
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.0 36.4 54.6#



#95
Naphthalene
Concen: 5.478 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013899.D
Acq: 26 May 2023 17:33

Tgt Ion: 128 Resp: 735
Ion Ratio Lower Upper
128 100
127 6.5 10.7 16.1#
129 0.0 9.0 13.4#

