

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020038.D
 Acq On : 28 Oct 2024 14:16
 Operator : SY/MD
 Sample : P4574-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 01:58:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

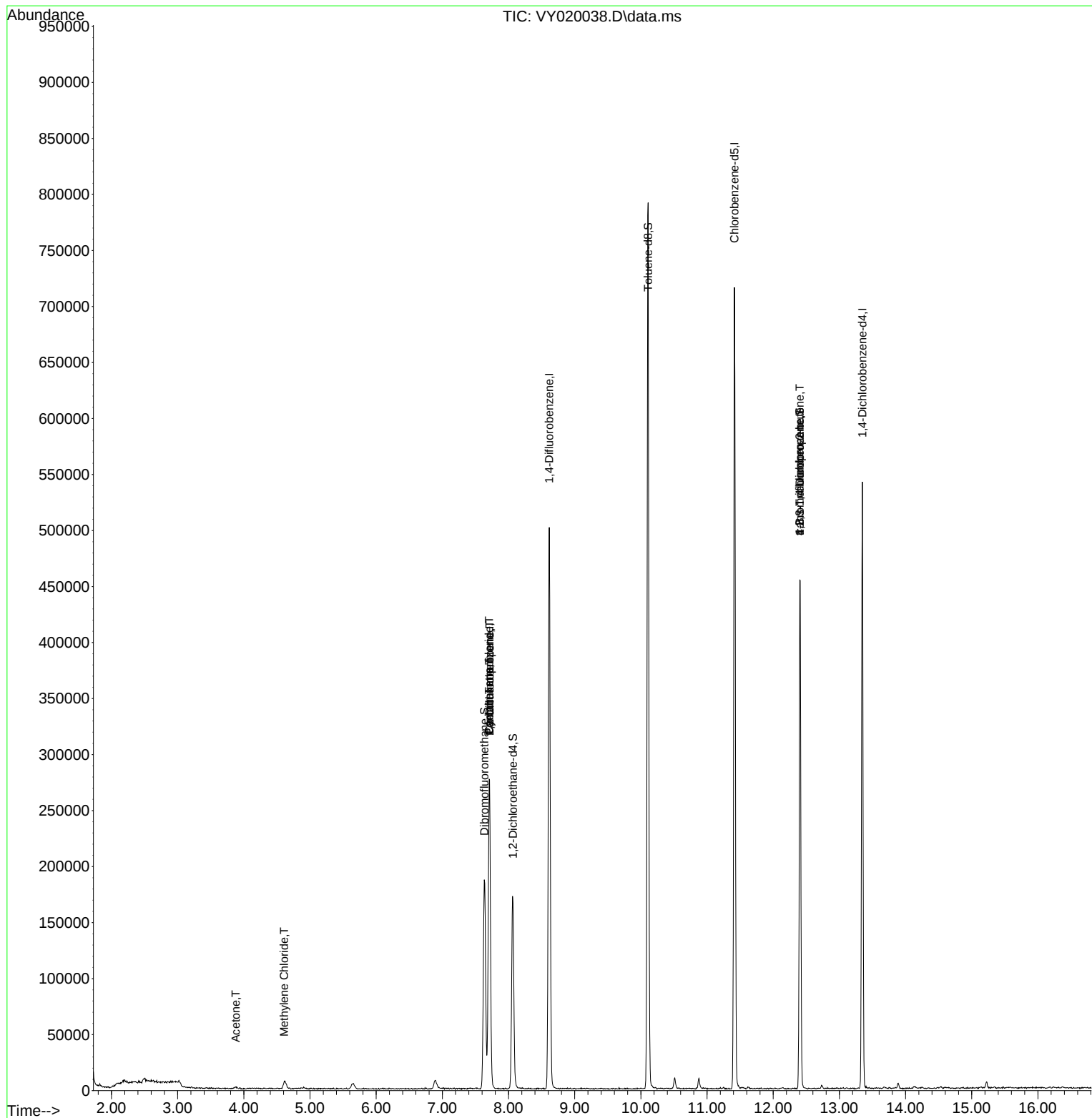
Internal Standards						
1) Pentafluorobenzene	7.713	168	195248	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	398098	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	346273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	117047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	134499	55.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.900%	
35) Dibromofluoromethane	7.634	113	131773	50.161	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.320%	
50) Toluene-d8	10.109	98	489414	50.449	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.900%	
62) 4-Bromofluorobenzene	12.402	95	139672	39.846	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 79.700%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.872	59	363	Below Cal	#	88
16) Acetone	3.879	43	2521	4.028	ug/l #	56
20) Methylene Chloride	4.610	84	4212	1.032	ug/l	94
31) Cyclohexane	7.707	56	5708	1.421	ug/l #	51
36) 1,1-Dichloropropene	7.713	75	20273	5.357	ug/l #	47
38) Carbon Tetrachloride	7.707	117	21827	5.380	ug/l #	18
76) 1,2,3-Trichloropropane	12.402	75	80935	35.297	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	80935	142.474	ug/l #	16

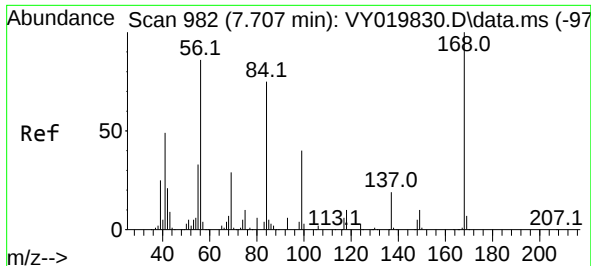
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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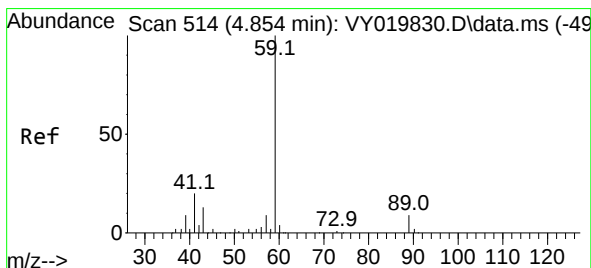
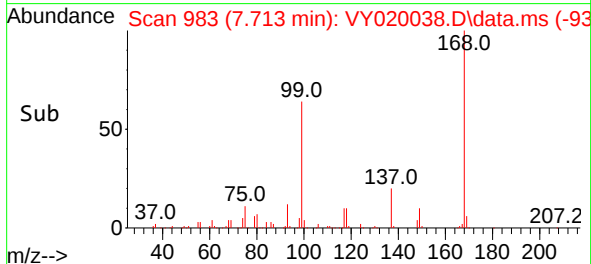
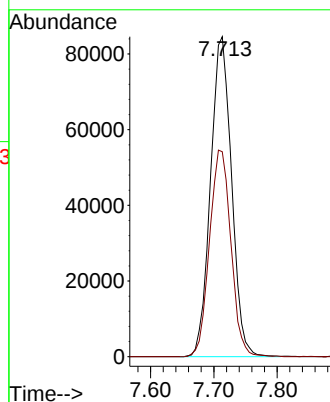
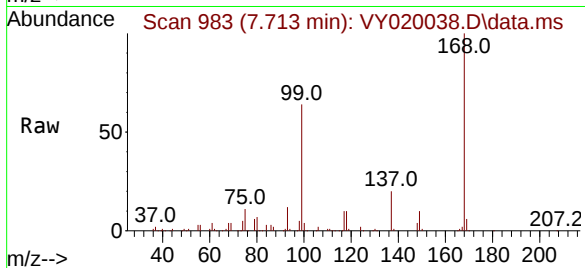




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16

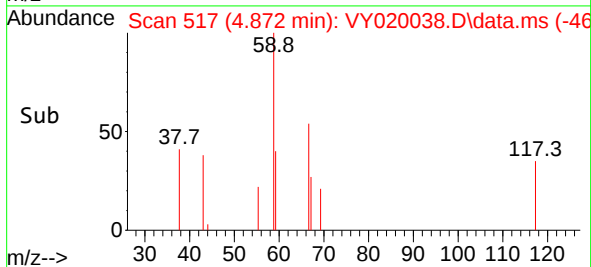
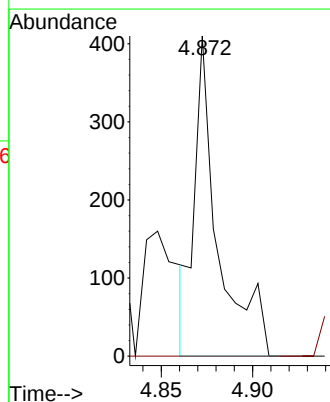
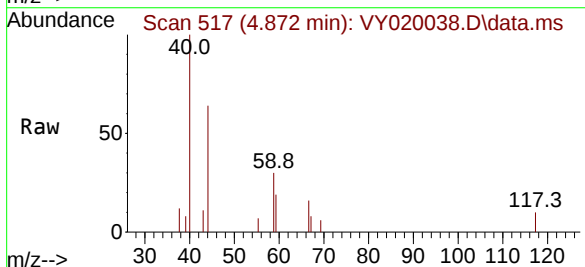
Instrument :
MSVOA_Y
ClientSampleId :

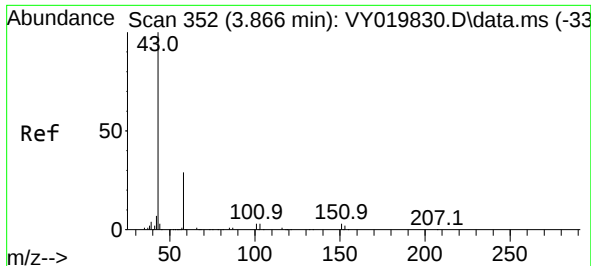
Tgt Ion:168 Resp: 195248
Ion Ratio Lower Upper
168 100
99 64.0 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.872 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16

Tgt Ion: 59 Resp: 363
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

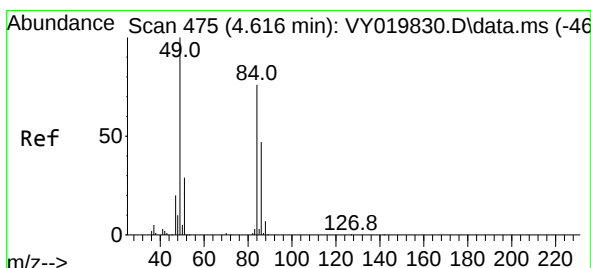
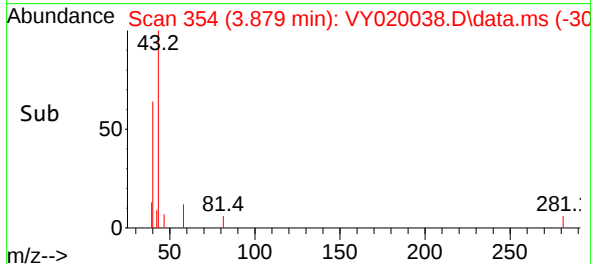
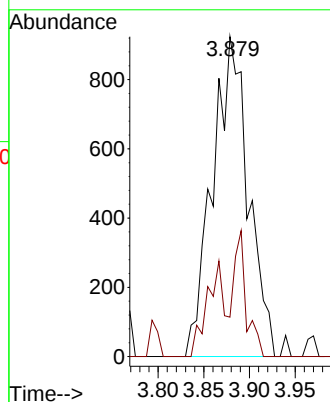
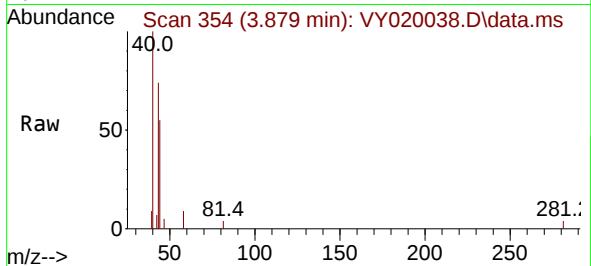




#16
Acetone
Concen: 4.028 ug/l
RT: 3.879 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16

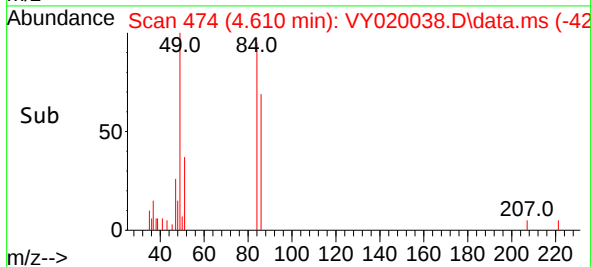
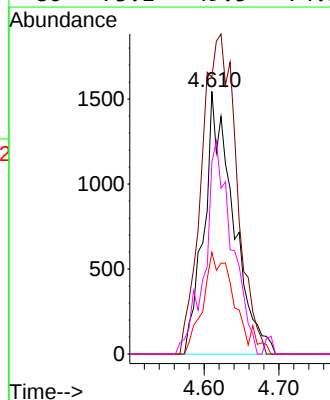
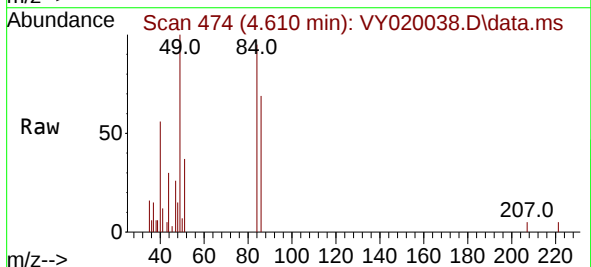
Instrument :
MSVOA_Y
ClientSampleId :

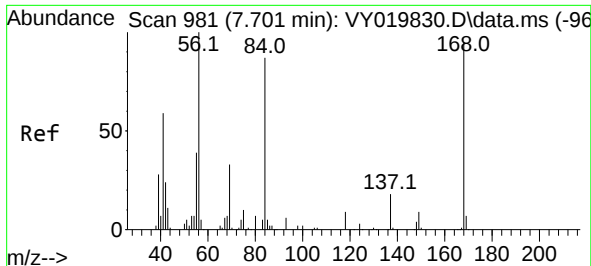
Tgt Ion: 43 Resp: 2521
Ion Ratio Lower Upper
43 100
58 12.3 31.7 47.5#



#20
Methylene Chloride
Concen: 1.032 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16

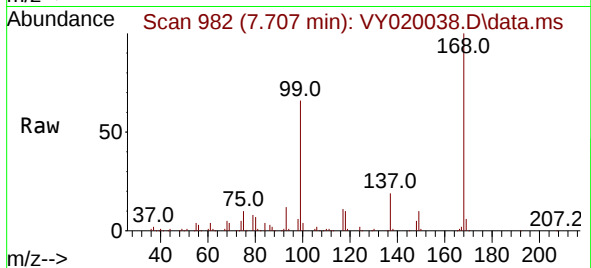
Tgt Ion: 84 Resp: 4212
Ion Ratio Lower Upper
84 100
49 105.4 84.4 126.6
51 38.7 26.0 39.0
86 73.1 49.5 74.3



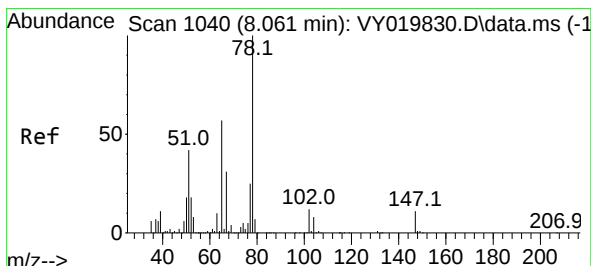
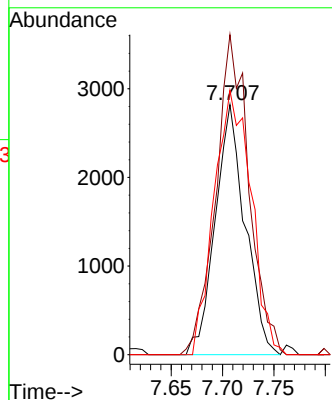
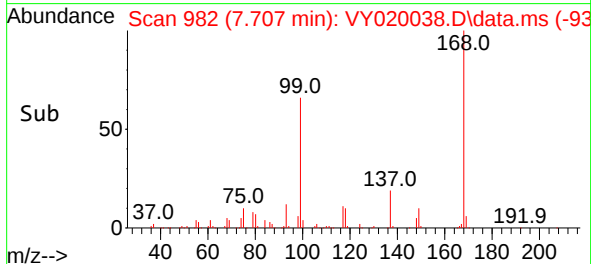


#31
Cyclohexane
Concen: 1.421 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16

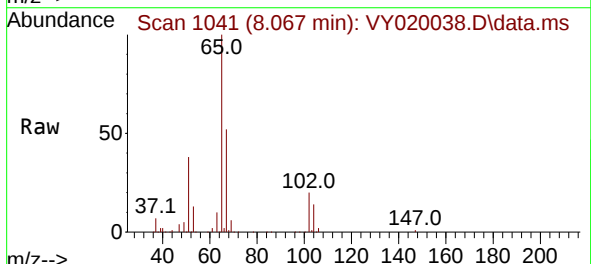
Instrument :
MSVOA_Y
ClientSampleId :



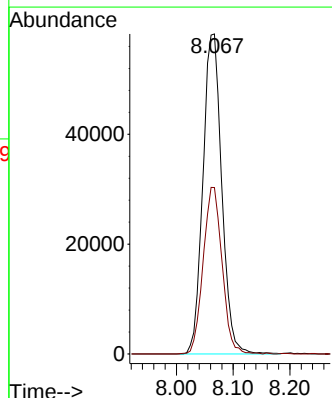
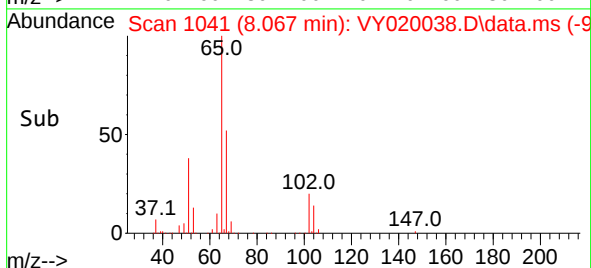
Tgt Ion: 56 Resp: 5708
Ion Ratio Lower Upper
56 100
69 127.9 28.7 43.1#
84 105.7 77.7 116.5



#33
1,2-Dichloroethane-d4
Concen: 55.946 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16



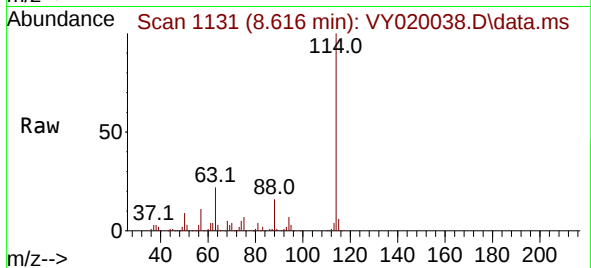
Tgt Ion: 65 Resp: 134499
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6



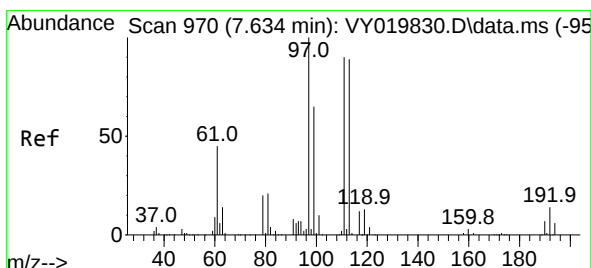
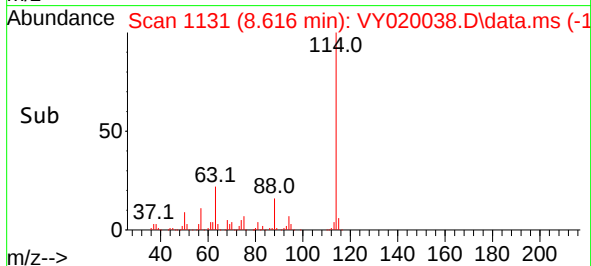
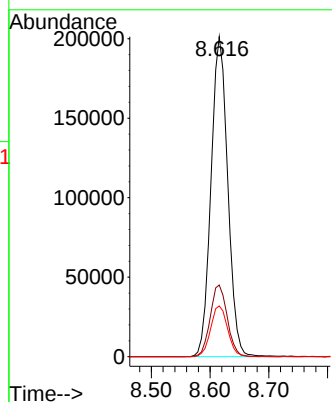


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

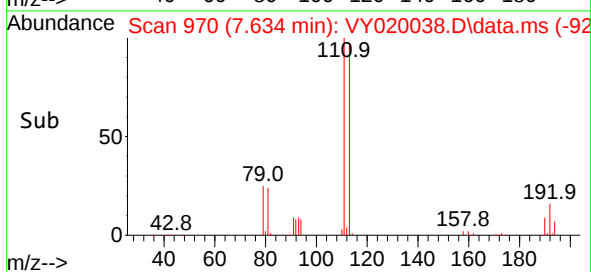
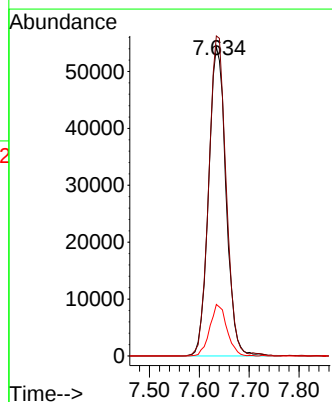
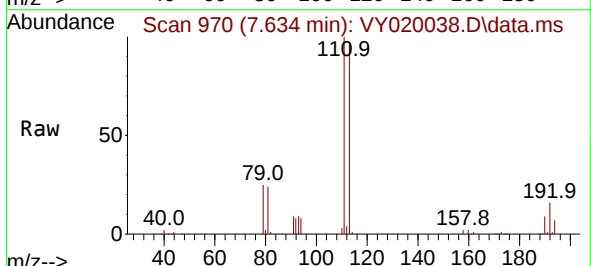


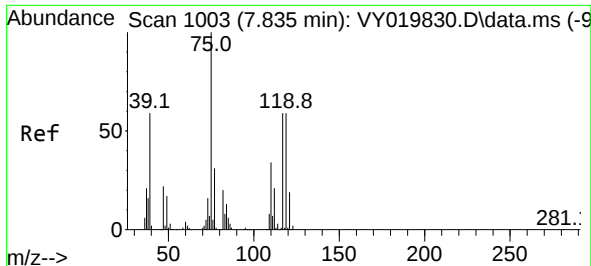
Tgt Ion:114 Resp: 398098
Ion Ratio Lower Upper
114 100
63 22.4 0.0 35.0
88 15.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.161 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16

Tgt Ion:113 Resp: 131773
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 16.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.357 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY020038.D

Acq: 28 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :

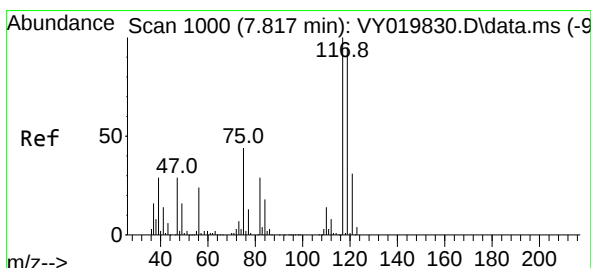
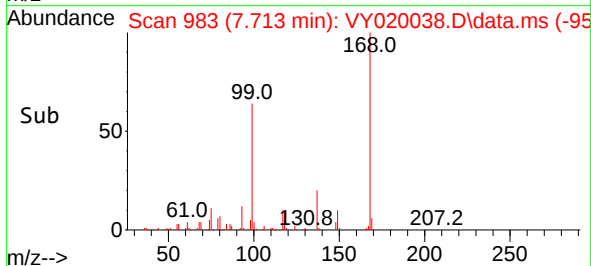
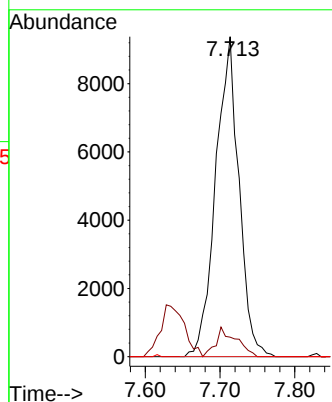
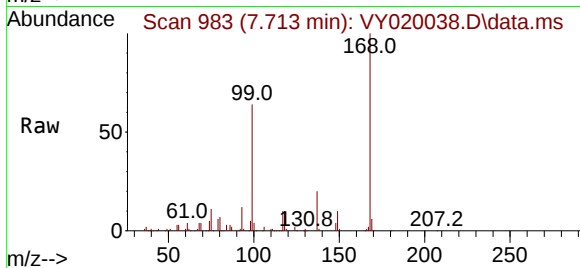
Tgt Ion: 75 Resp: 20273

Ion Ratio Lower Upper

75 100

110 8.0 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.380 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY020038.D

Acq: 28 Oct 2024 14:16

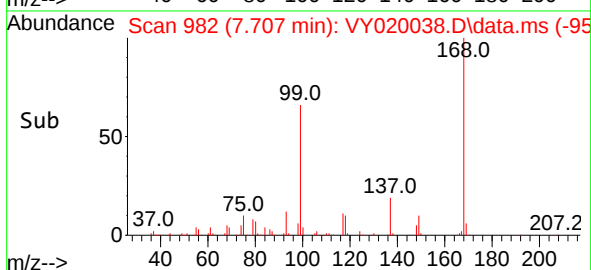
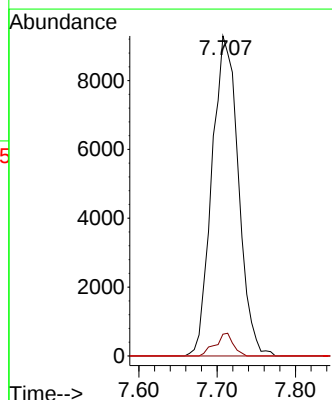
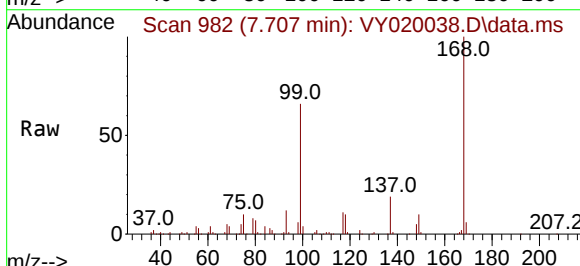
Tgt Ion: 117 Resp: 21827

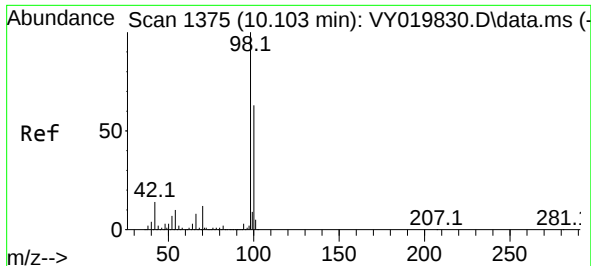
Ion Ratio Lower Upper

117 100

119 6.8 75.8 113.6#

121 0.0 24.0 36.0#

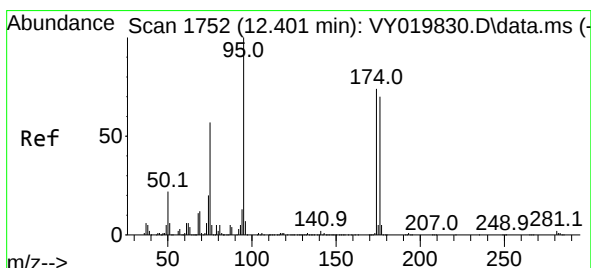
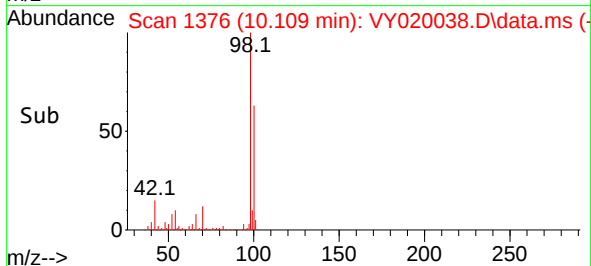
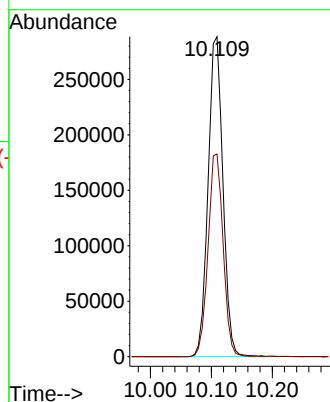
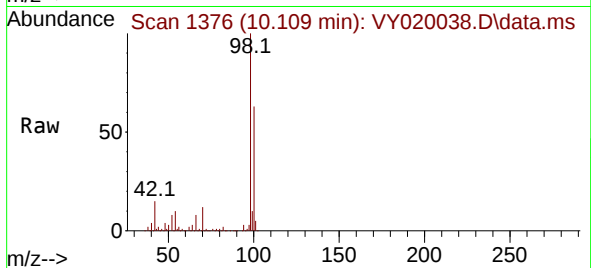




#50
Toluene-d8
Concen: 50.449 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16

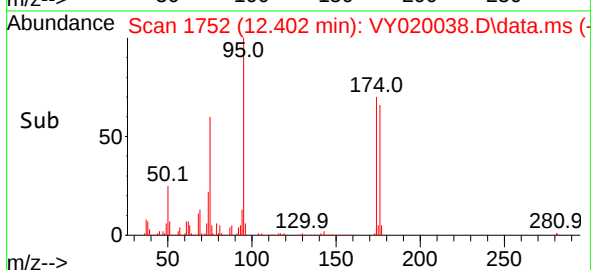
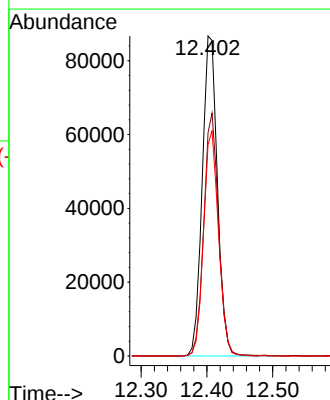
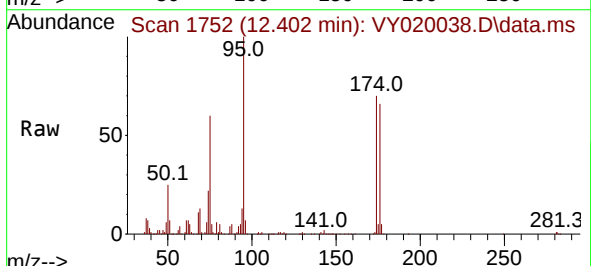
Instrument :
MSVOA_Y
ClientSampleId :

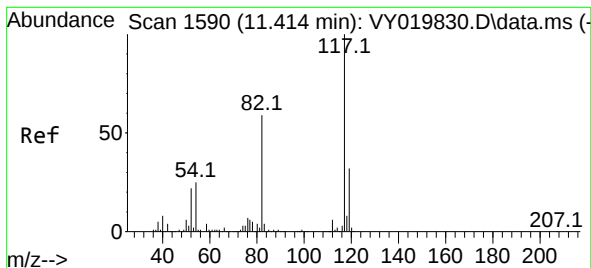
Tgt Ion: 98 Resp: 489414
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.846 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16

Tgt Ion: 95 Resp: 139672
Ion Ratio Lower Upper
95 100
174 73.4 0.0 175.6
176 69.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

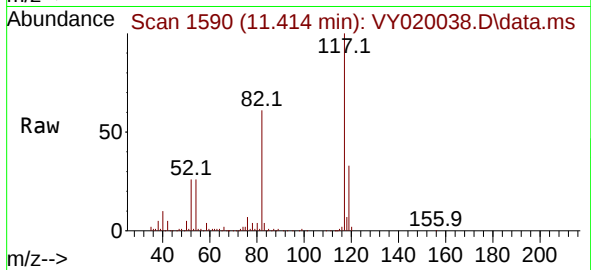
Lab File: VY020038.D

Acq: 28 Oct 2024 14:16

Instrument :

MSVOA_Y

ClientSampleId :



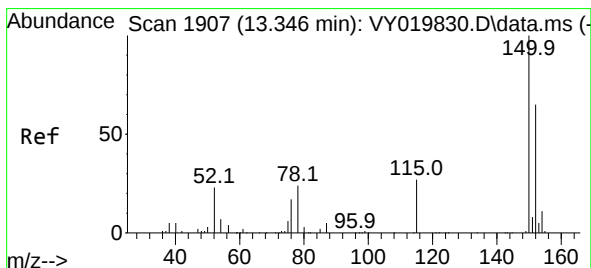
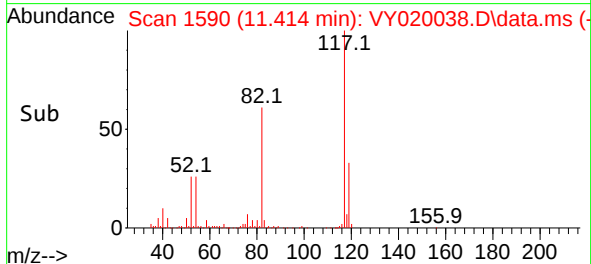
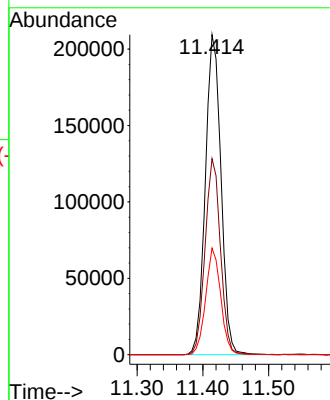
Tgt Ion:117 Resp: 346273

Ion Ratio Lower Upper

117 100

82 61.2 42.4 63.6

119 33.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020038.D

Acq: 28 Oct 2024 14:16

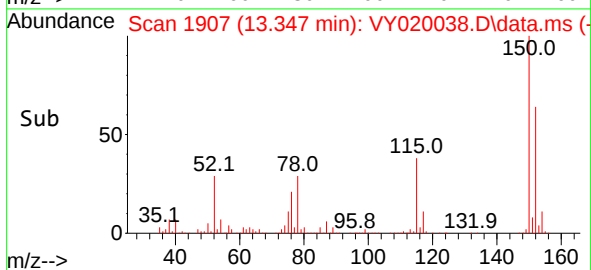
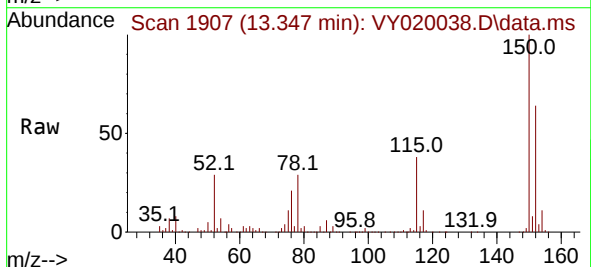
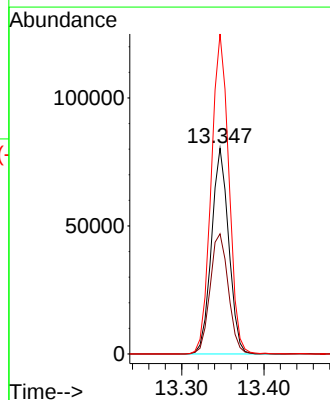
Tgt Ion:152 Resp: 117047

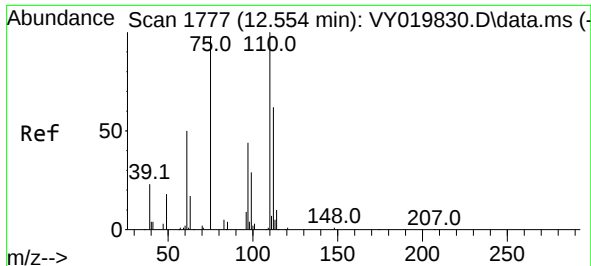
Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 159.3 0.0 345.6

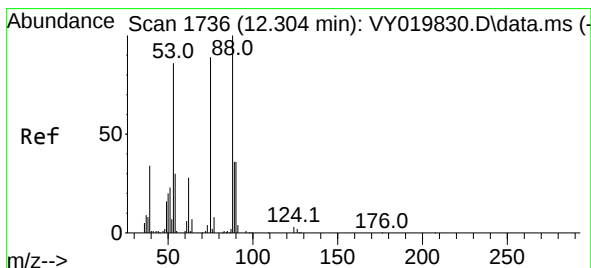
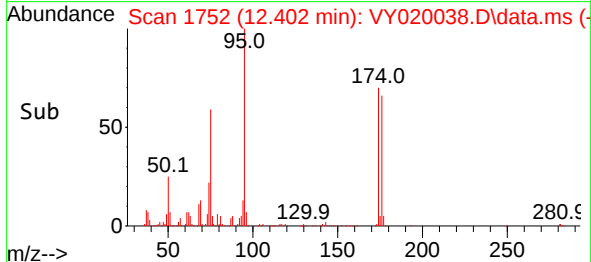
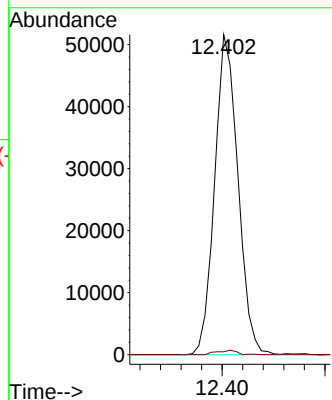
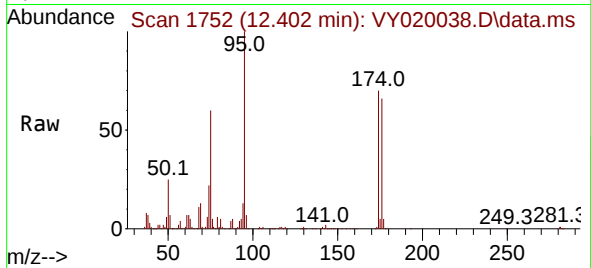




#76
1,2,3-Trichloropropane
Concen: 35.297 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80935
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.474 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020038.D
Acq: 28 Oct 2024 14:16

Tgt Ion: 75 Resp: 80935
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#

