

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102824\
 Data File : VY020037.D
 Acq On : 28 Oct 2024 13:52
 Operator : SY/MD
 Sample : P4575-01
 Misc : 5.8g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 29 01:57:49 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)

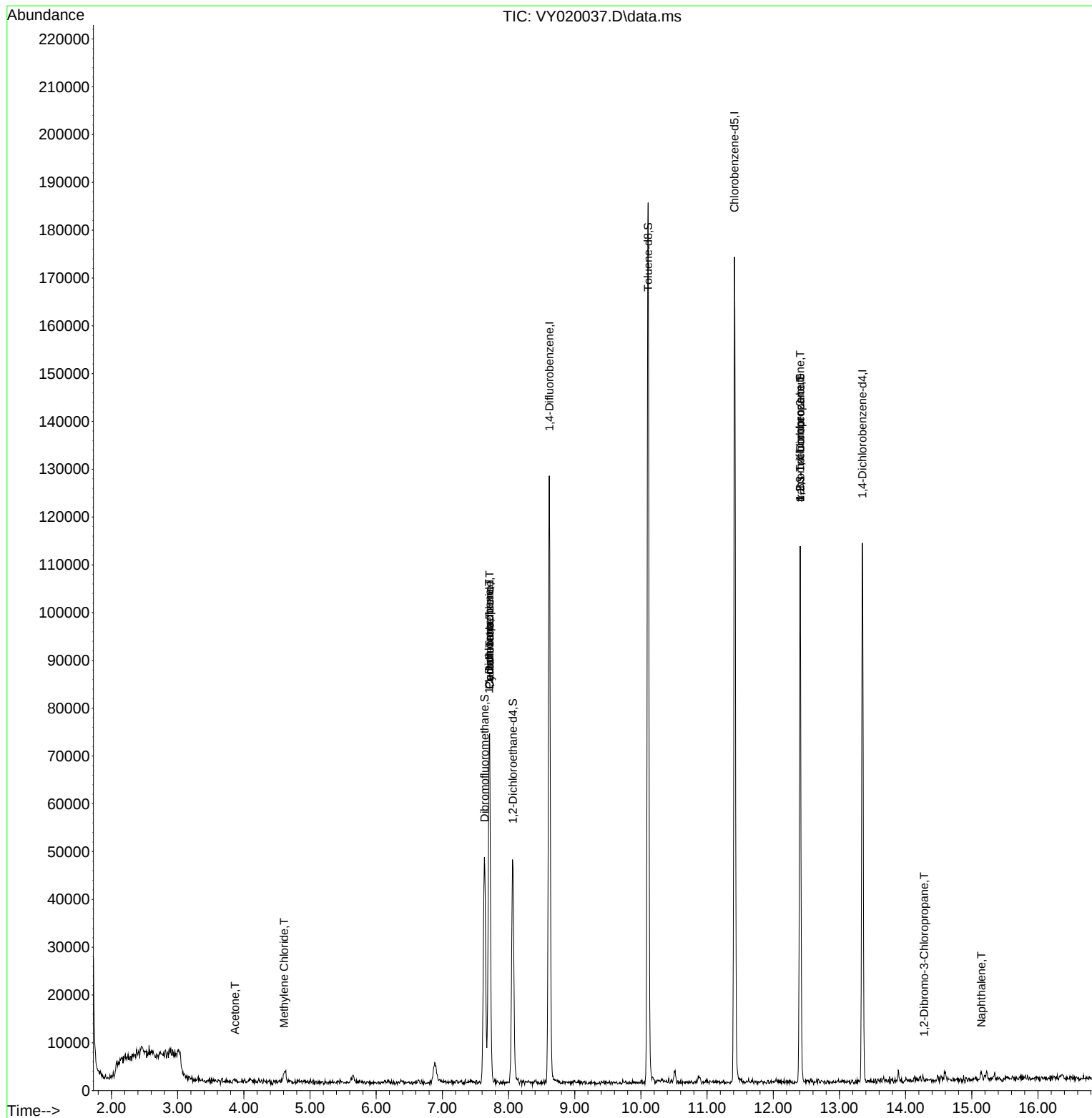
Internal Standards						
1) Pentafluorobenzene	7.713	168	51719	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	100003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	85701	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	25540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	36574	57.433	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.860%	
35) Dibromofluoromethane	7.640	113	33842	51.283	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.560%	
50) Toluene-d8	10.109	98	118373	48.574	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.140%	
62) 4-Bromofluorobenzene	12.408	95	31864	36.187	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 72.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.824	59	167	Below Cal	#	88
16) Acetone	3.866	43	1049	6.328	ug/l #	36
20) Methylene Chloride	4.610	84	1691	1.986	ug/l #	74
31) Cyclohexane	7.713	56	1904	1.789	ug/l #	83
36) 1,1-Dichloropropene	7.707	75	5432	5.714	ug/l #	44
38) Carbon Tetrachloride	7.713	117	6033	5.919	ug/l #	19
76) 1,2,3-Trichloropropane	12.408	75	18590	37.156	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	18590	149.975	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.279	75	63	1.034	ug/l #	1
95) Naphthalene	15.145	128	1411	1.649	ug/l #	76

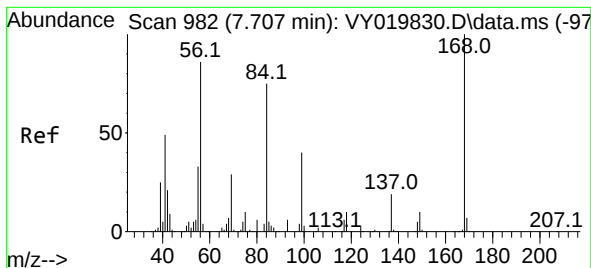
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY020037.D

Acq: 28 Oct 2024 13:52

Instrument :

MSVOA_Y

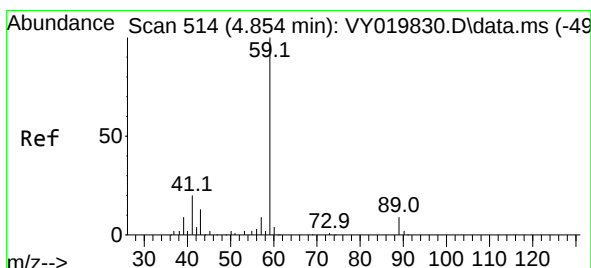
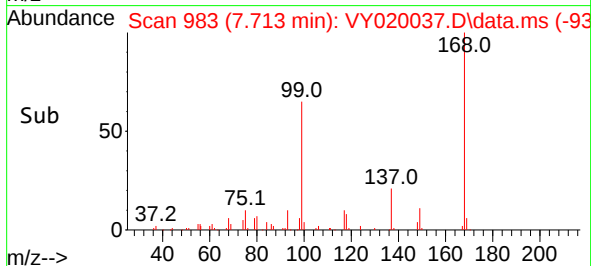
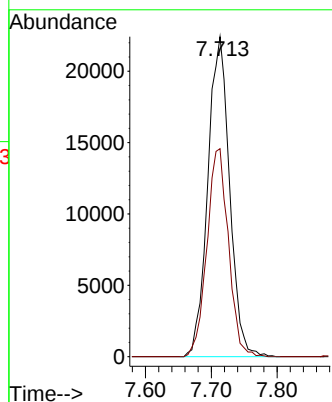
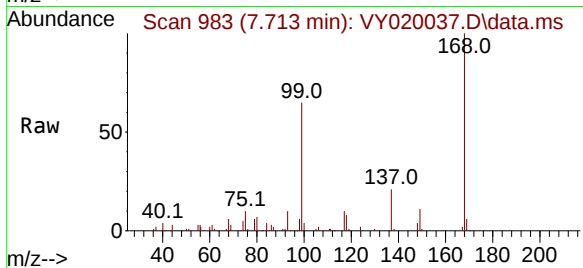
ClientSampleId :

Tgt Ion:168 Resp: 51719

Ion Ratio Lower Upper

168 100

99 65.0 39.1 58.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.824 min Scan# 509

Delta R.T. -0.037 min

Lab File: VY020037.D

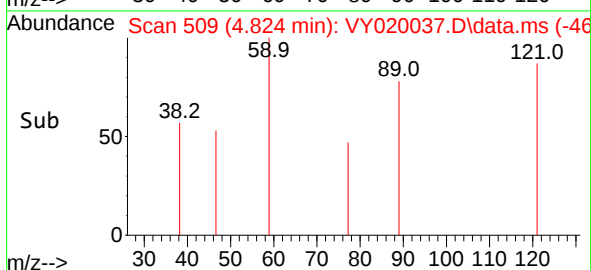
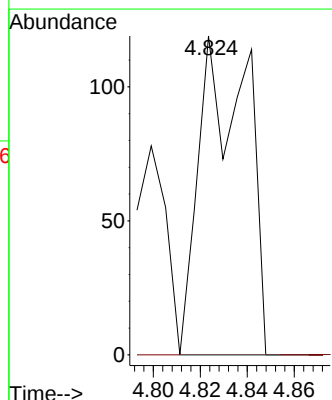
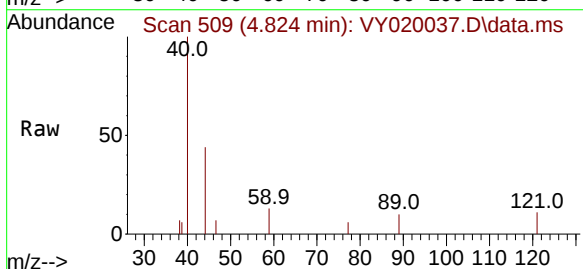
Acq: 28 Oct 2024 13:52

Tgt Ion: 59 Resp: 167

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#

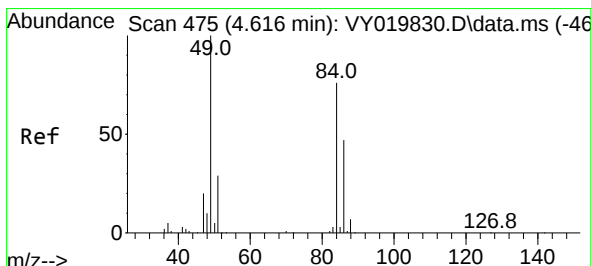
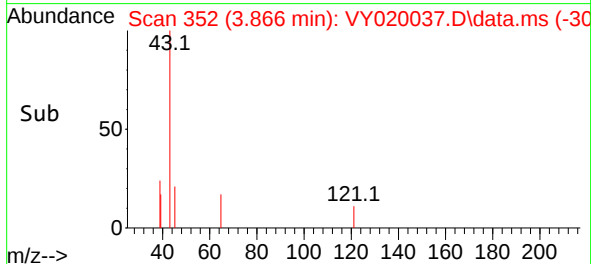
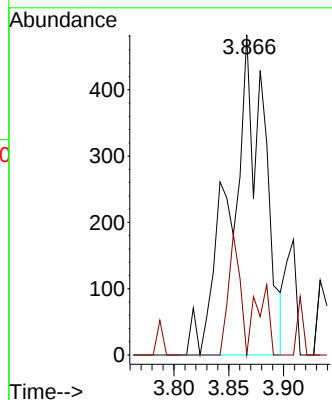
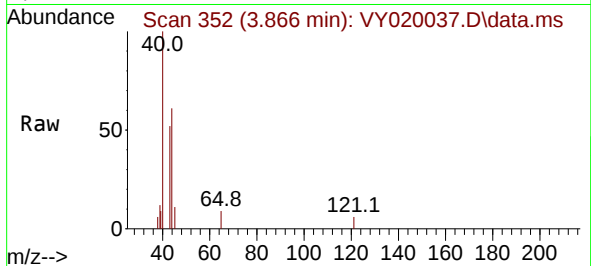




#16
Acetone
Concen: 6.328 ug/l
RT: 3.866 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

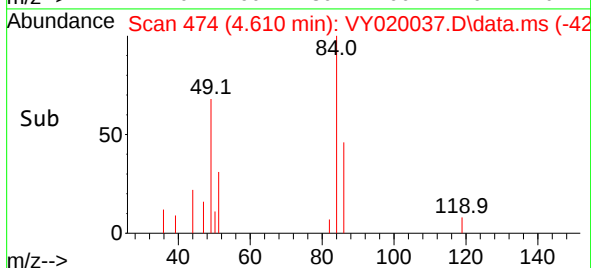
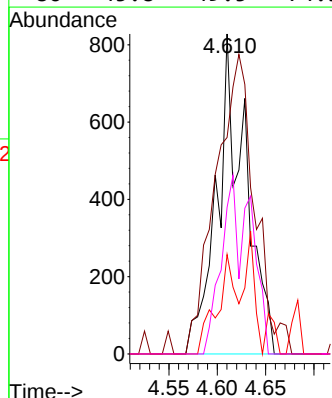
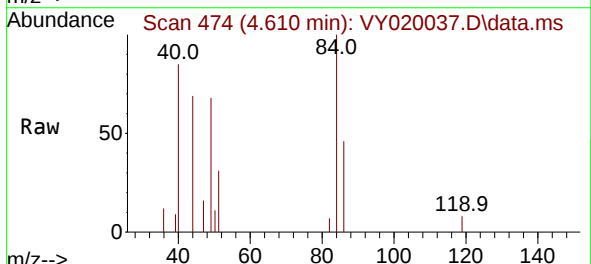
Instrument :
MSVOA_Y
ClientSampleId :

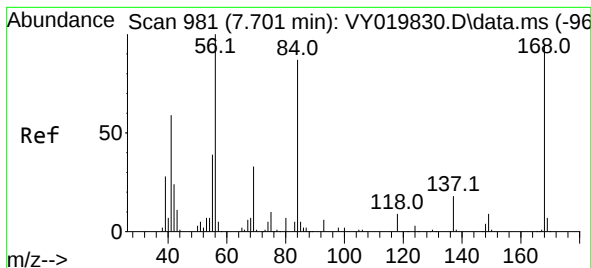
Tgt Ion: 43 Resp: 1049
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#20
Methylene Chloride
Concen: 1.986 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

Tgt Ion: 84 Resp: 1691
Ion Ratio Lower Upper
84 100
49 67.6 84.4 126.6#
51 31.0 26.0 39.0
86 45.8 49.5 74.3#





#31

Cyclohexane

Concen: 1.789 ug/l

RT: 7.713 min Scan# 981

Delta R.T. 0.012 min

Lab File: VY020037.D

Acq: 28 Oct 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

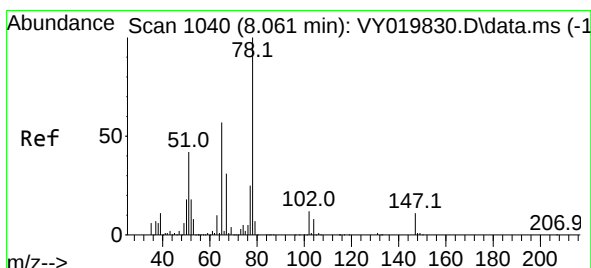
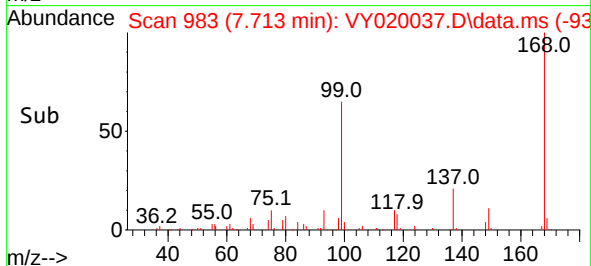
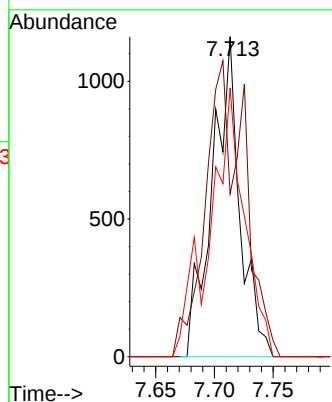
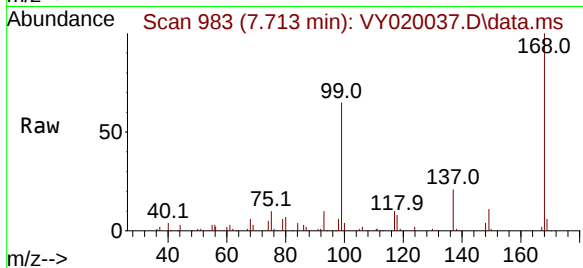
Tgt Ion: 56 Resp: 1904

Ion Ratio Lower Upper

56 100

69 50.9 28.7 43.1#

84 84.0 77.7 116.5



#33

1,2-Dichloroethane-d4

Concen: 57.433 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY020037.D

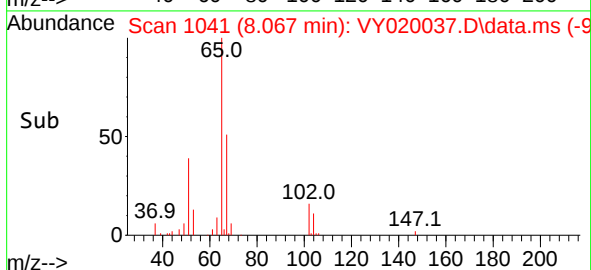
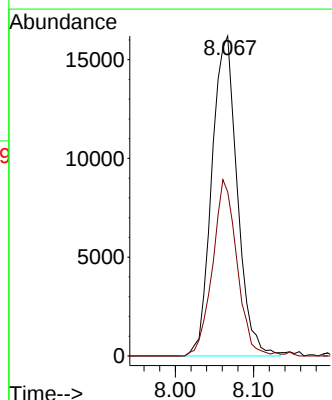
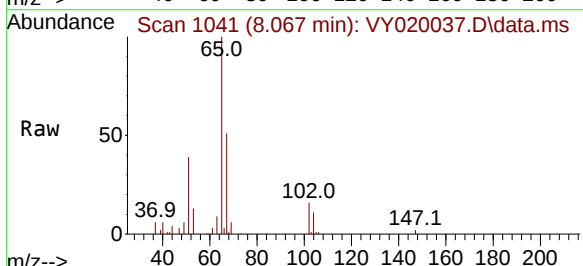
Acq: 28 Oct 2024 13:52

Tgt Ion: 65 Resp: 36574

Ion Ratio Lower Upper

65 100

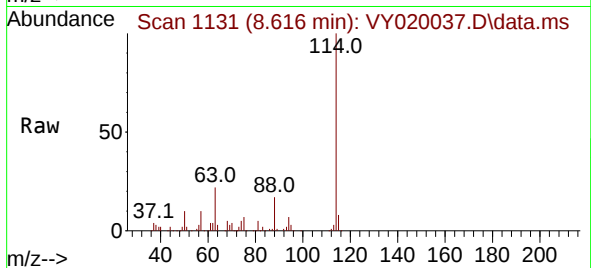
67 53.1 0.0 109.6



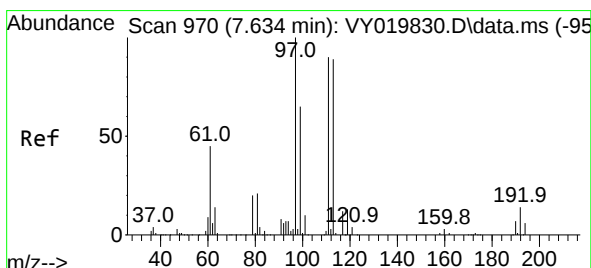
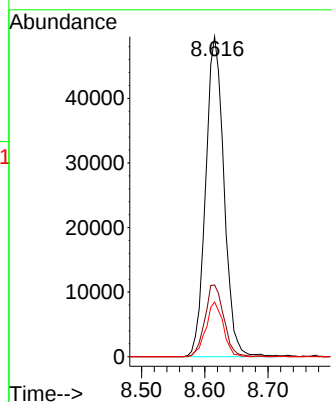
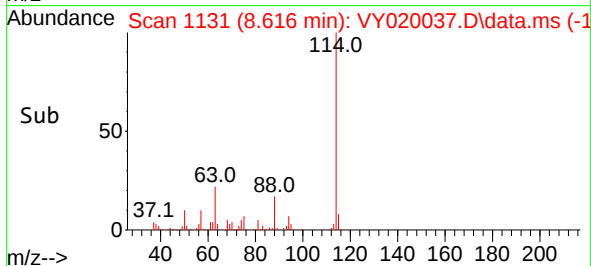


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

Instrument :
MSVOA_Y
ClientSampleId :

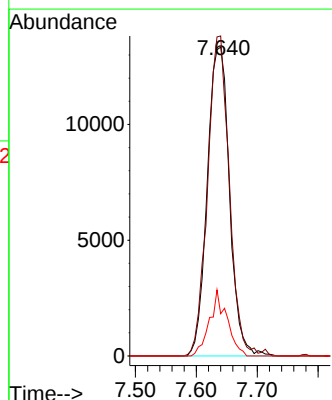
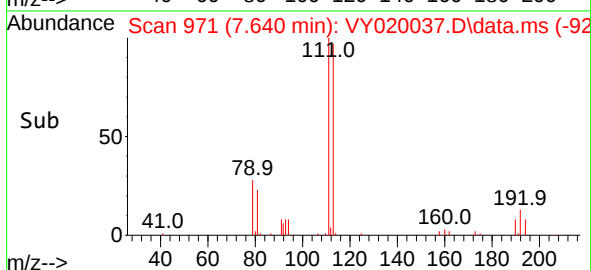
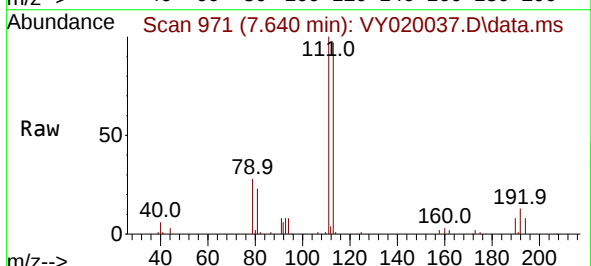


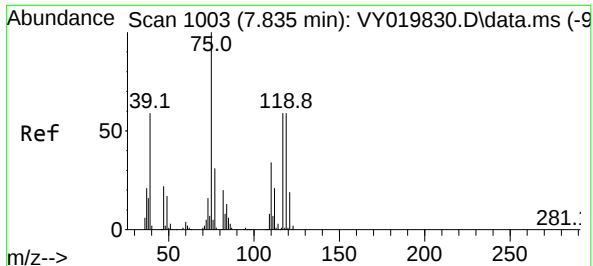
Tgt Ion:114 Resp: 100003
Ion Ratio Lower Upper
114 100
63 22.4 0.0 35.0
88 17.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.283 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

Tgt Ion:113 Resp: 33842
Ion Ratio Lower Upper
113 100
111 100.9 82.2 123.4
192 16.8 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.714 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

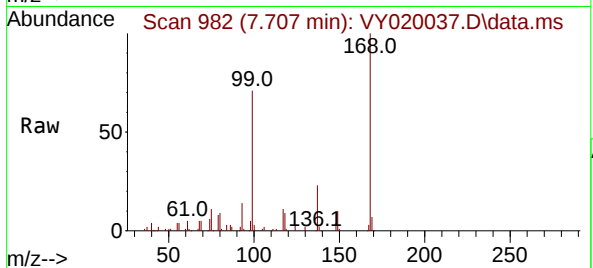
Lab File: VY020037.D

Acq: 28 Oct 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :



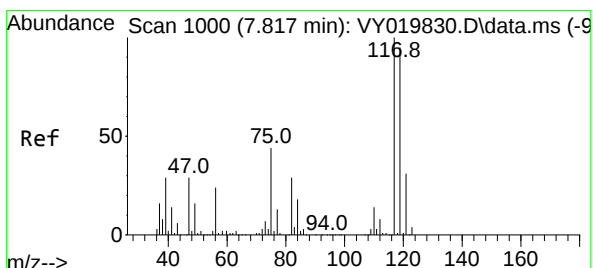
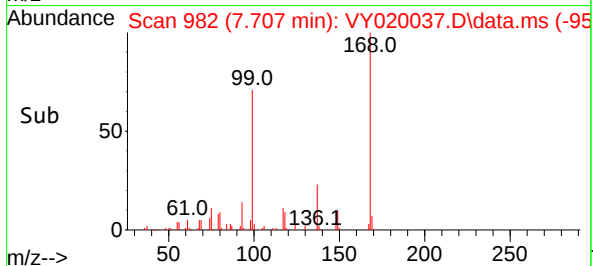
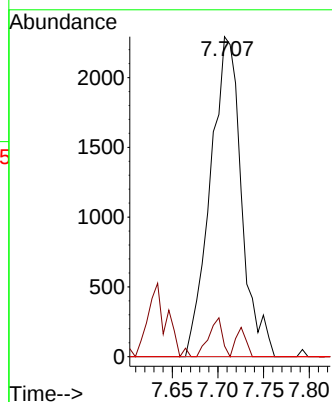
Tgt Ion: 75 Resp: 5432

Ion Ratio Lower Upper

75 100

110 5.2 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.919 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020037.D

Acq: 28 Oct 2024 13:52

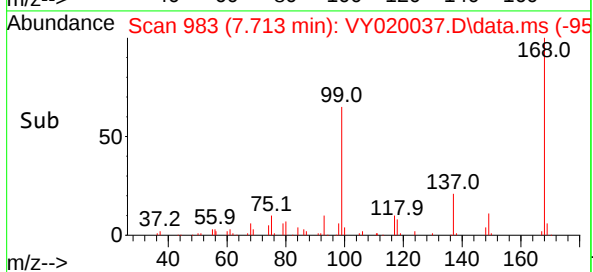
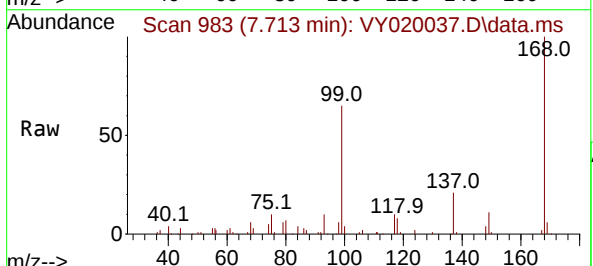
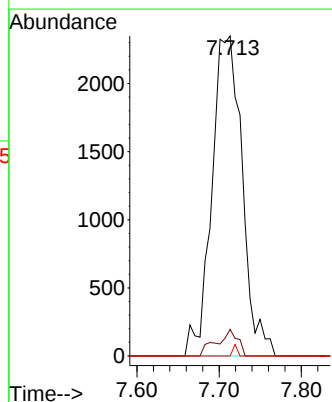
Tgt Ion: 117 Resp: 6033

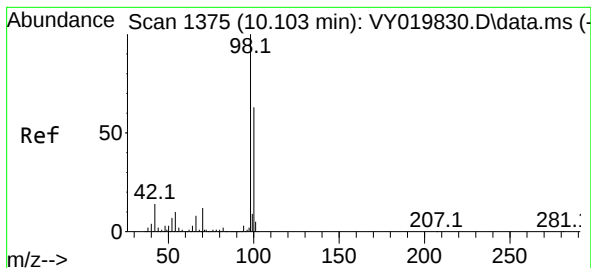
Ion Ratio Lower Upper

117 100

119 8.3 75.8 113.6#

121 0.0 24.0 36.0#

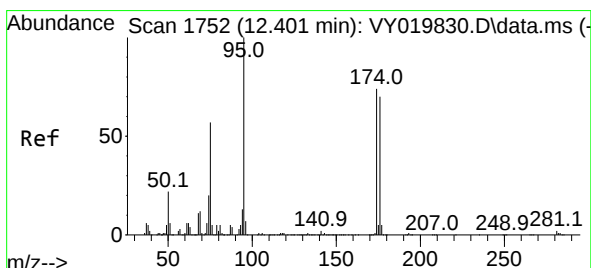
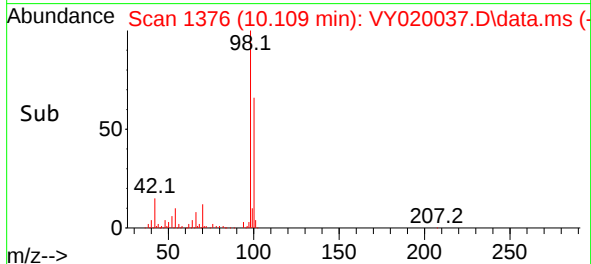
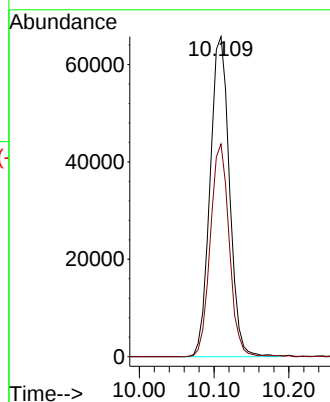
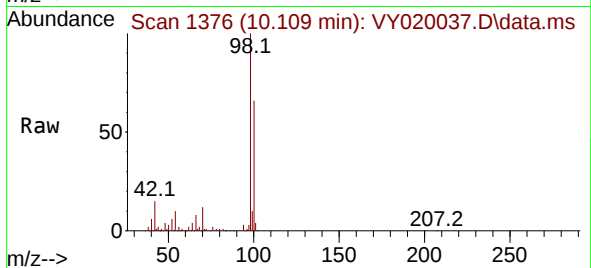




#50
Toluene-d8
Concen: 48.574 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

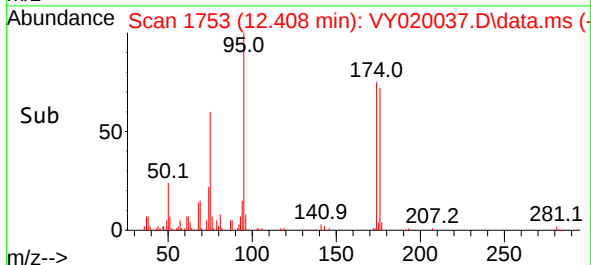
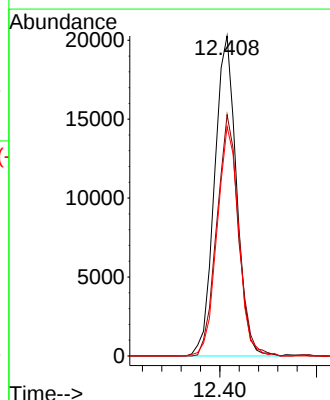
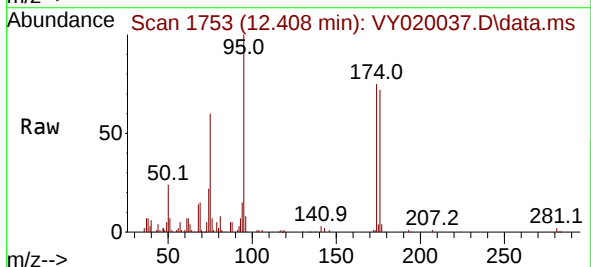
Instrument :
MSVOA_Y
ClientSampleId :

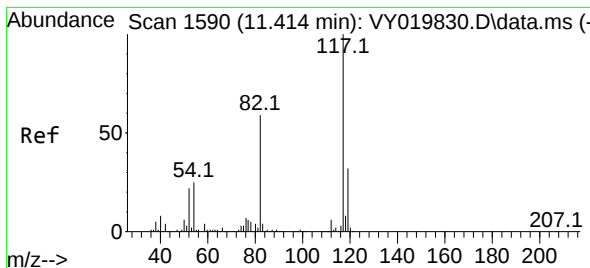
Tgt Ion: 98 Resp: 118373
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 36.187 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

Tgt Ion: 95 Resp: 31864
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 70.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 117

Delta R.T. -0.006 min

Lab File: VY020037.D

Acq: 28 Oct 2024 13:52

Instrument :

MSVOA_Y

ClientSampleId :

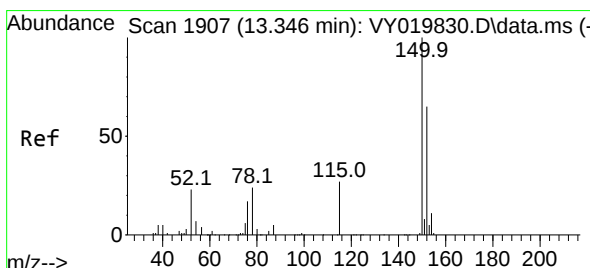
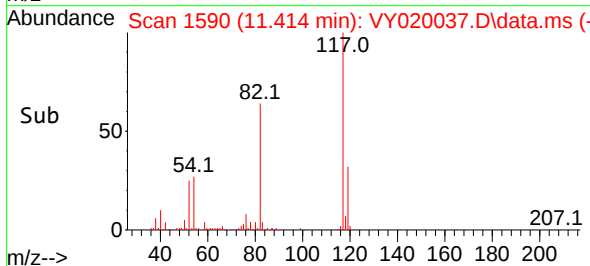
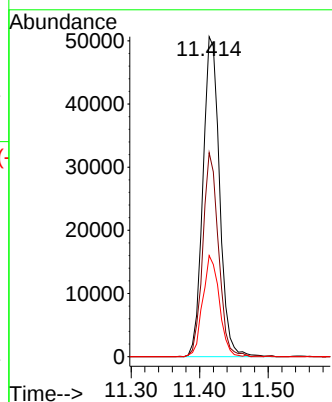
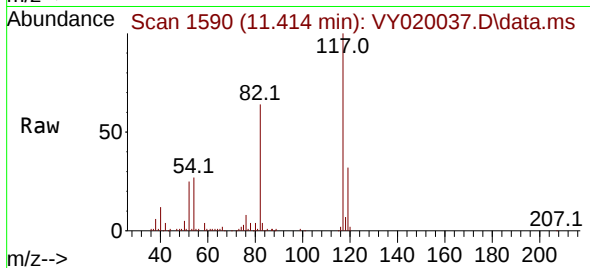
Tgt Ion:117 Resp: 85701

Ion Ratio Lower Upper

117 100

82 63.8 42.4 63.6#

119 31.6 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020037.D

Acq: 28 Oct 2024 13:52

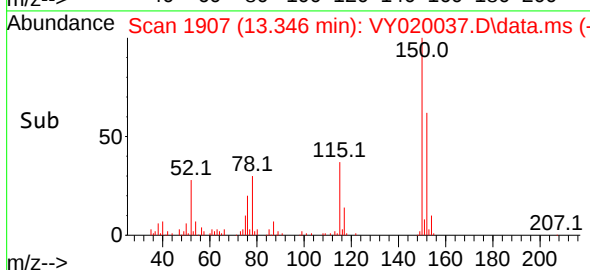
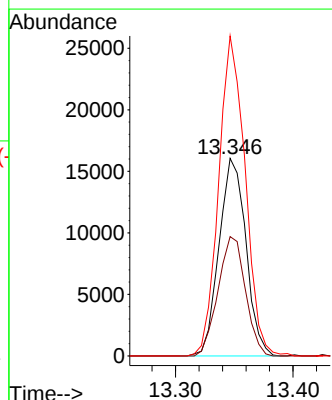
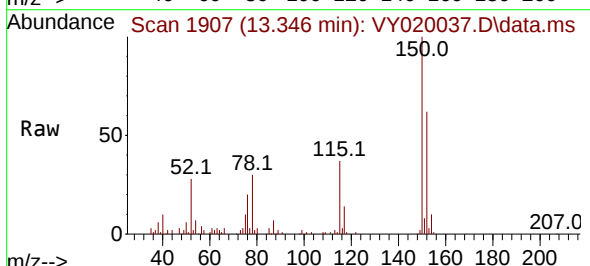
Tgt Ion:152 Resp: 25540

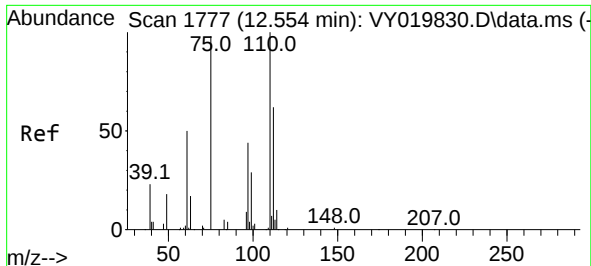
Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 159.4 0.0 345.6

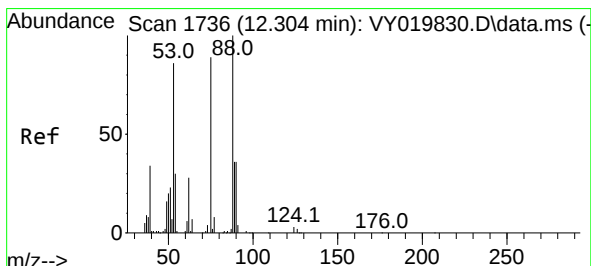
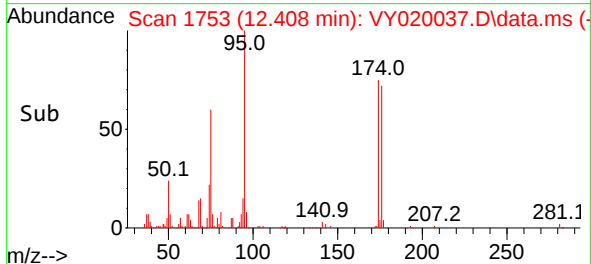
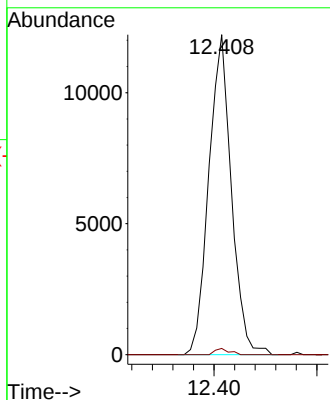
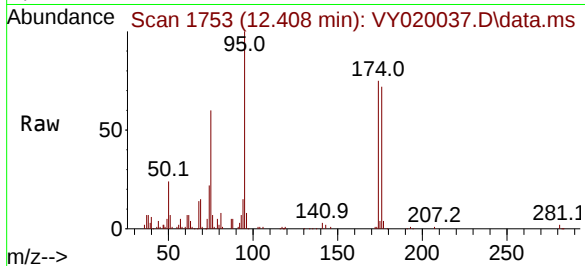




#76
1,2,3-Trichloropropane
Concen: 37.156 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

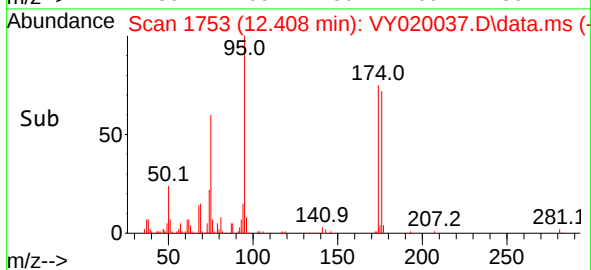
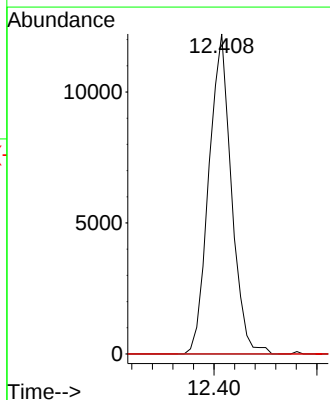
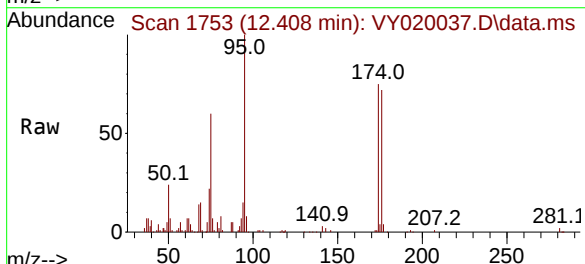
Instrument :
MSVOA_Y
ClientSampleId :

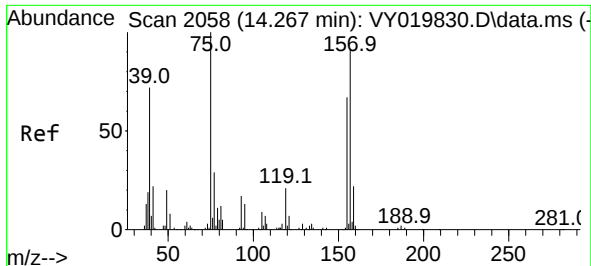
Tgt Ion: 75 Resp: 18590
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.975 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

Tgt Ion: 75 Resp: 18590
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

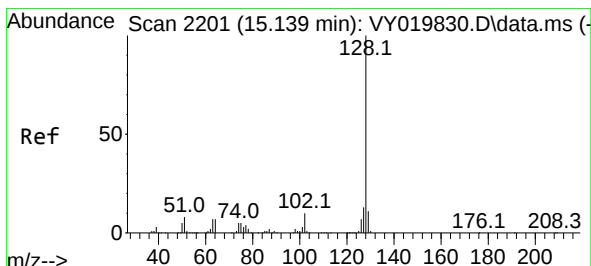
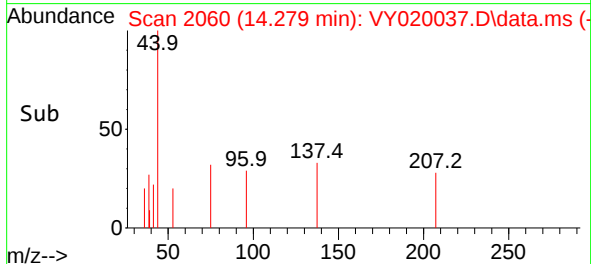
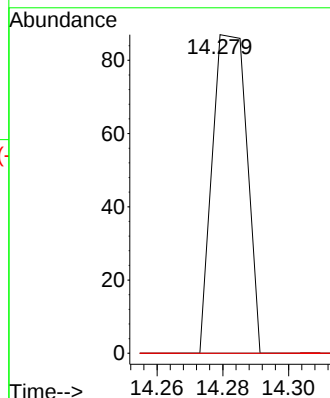
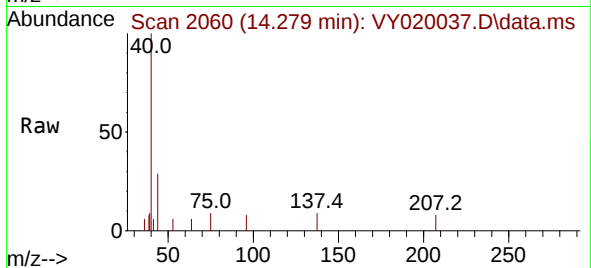




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.034 ug/l
RT: 14.279 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#



#95
Naphthalene
Concen: 1.649 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY020037.D
Acq: 28 Oct 2024 13:52

Tgt Ion: 128 Resp: 1411
Ion Ratio Lower Upper
128 100
127 5.0 10.6 16.0#
129 0.0 8.6 13.0#

