

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020117.D
 Acq On : 01 Nov 2024 14:23
 Operator : SY/MD
 Sample : P4611-13
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 16:03:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

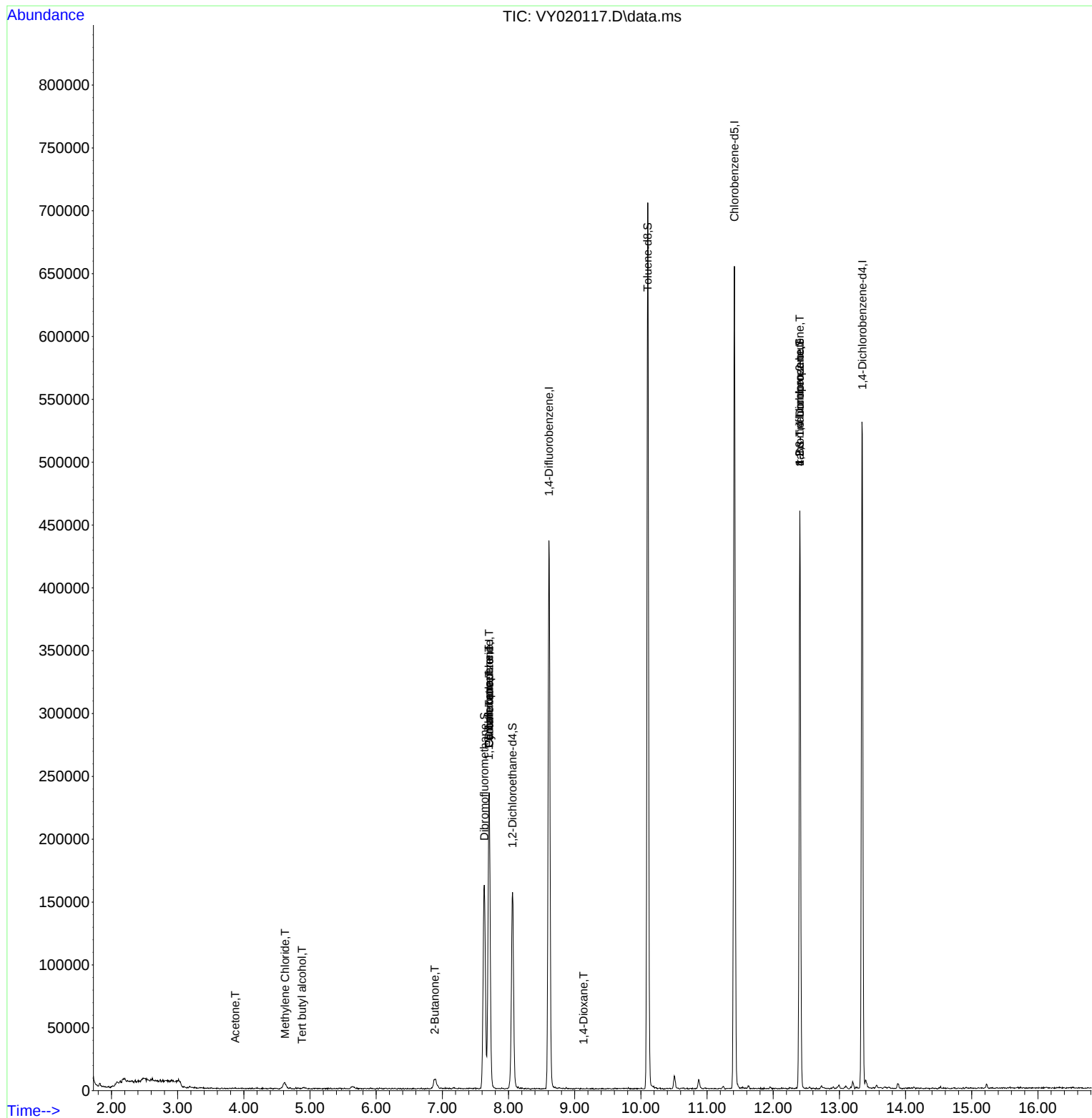
Internal Standards						
1) Pentafluorobenzene	7.707	168	163466	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	343691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	321051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	121068	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	119967	58.803	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.600%	
35) Dibromofluoromethane	7.634	113	116779	53.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.880%	
50) Toluene-d8	10.103	98	430500	49.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.980%	
62) 4-Bromofluorobenzene	12.401	95	133514	47.258	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 94.520%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.878	59	241	1.642	ug/l	# 88
16) Acetone	3.872	43	664	1.400	ug/l	95
20) Methylene Chloride	4.622	84	3209	1.506	ug/l	# 90
25) 2-Butanone	6.884	43	873	1.357	ug/l	# 41
31) Cyclohexane	7.707	56	5282	1.427	ug/l	# 53
36) 1,1-Dichloropropene	7.701	75	16896	5.005	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	19169	5.647	ug/l	# 18
49) 1,4-Dioxane	9.134	88	20	1.521	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	80035	70.523	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	80035	151.691	ug/l	# 16

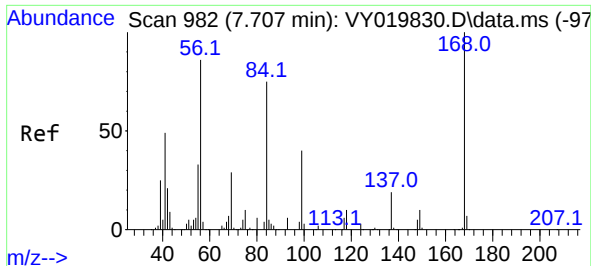
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
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MSVOA_Y
ClientSampleId :

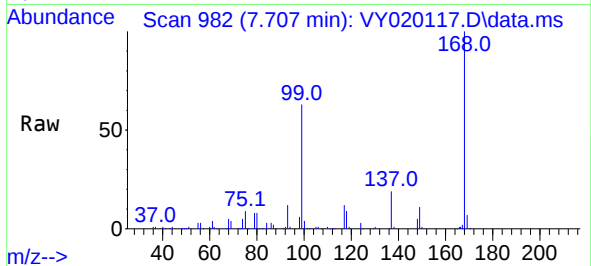
Quant Time: Nov 01 16:03:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 15:23:13 2024
Response via : Initial Calibration



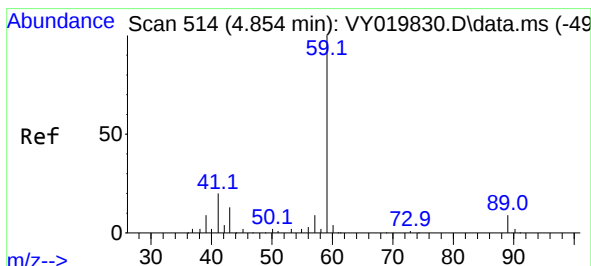
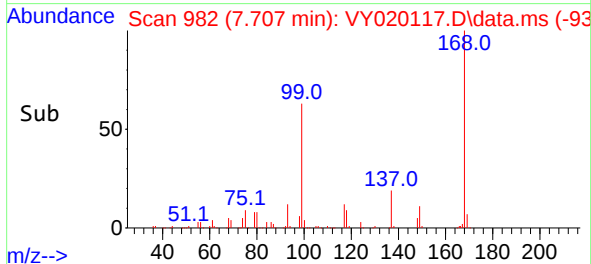
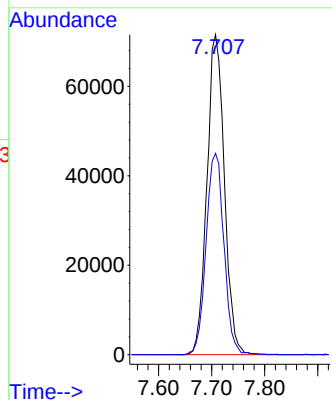


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

Instrument :
MSVOA_Y
ClientSampleId :

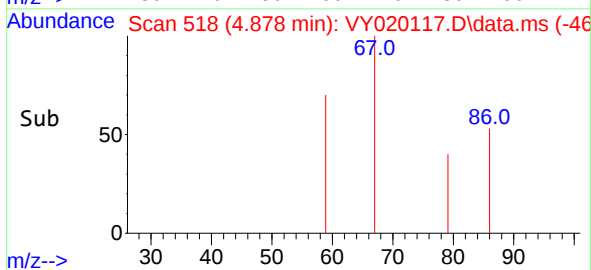
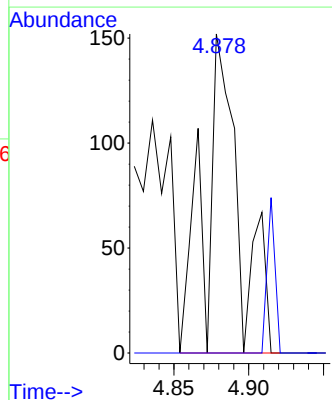
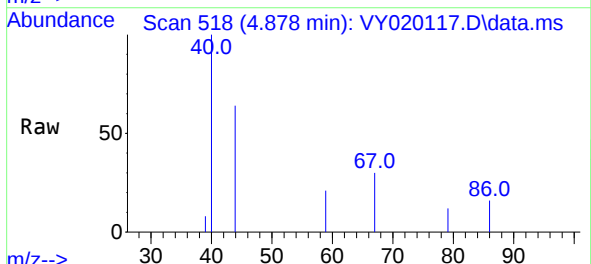


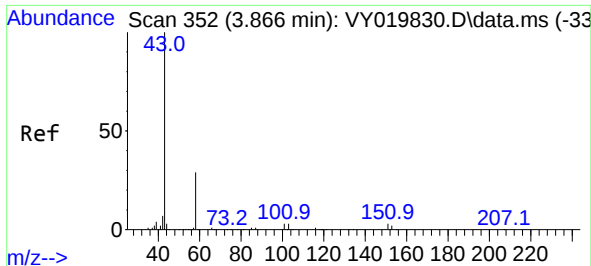
Tgt Ion:168 Resp: 163466
Ion Ratio Lower Upper
168 100
99 62.9 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.642 ug/l
RT: 4.878 min Scan# 518
Delta R.T. 0.018 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

Tgt Ion: 59 Resp: 241
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

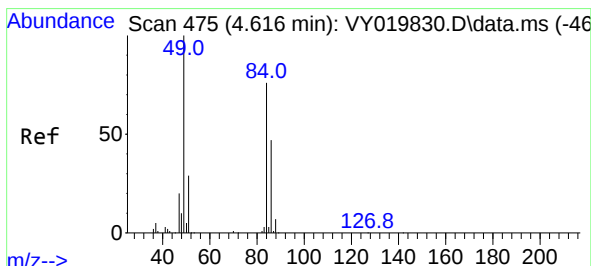
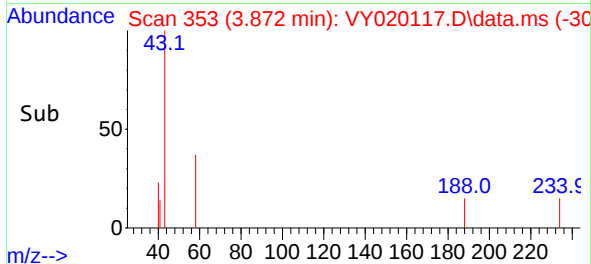
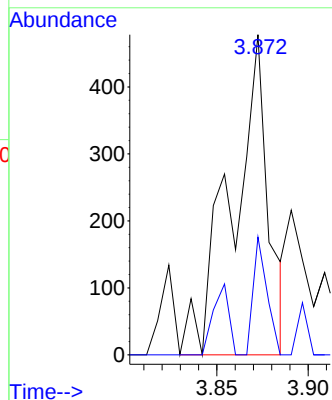
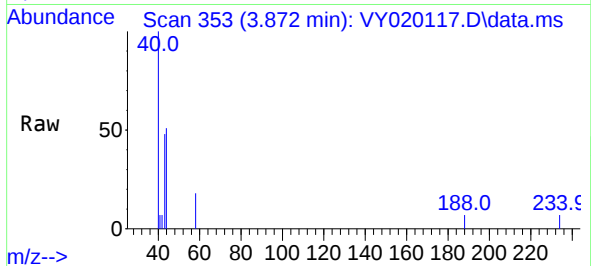




#16
Acetone
Concen: 1.400 ug/l
RT: 3.872 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

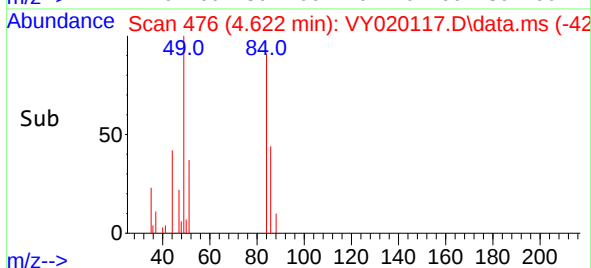
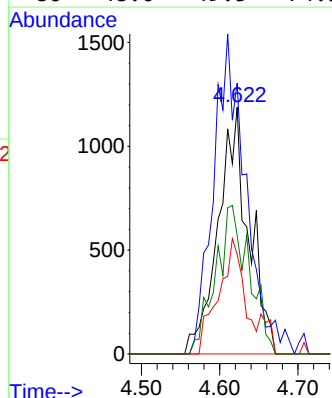
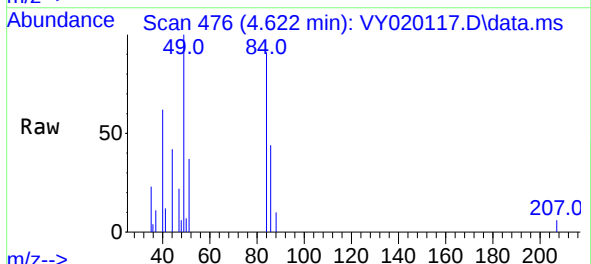
Instrument :
MSVOA_Y
ClientSampleId :

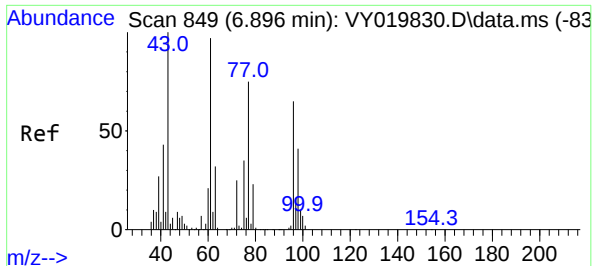
Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
58 36.8 31.7 47.5



#20
Methylene Chloride
Concen: 1.506 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

Tgt Ion: 84 Resp: 3209
Ion Ratio Lower Upper
84 100
49 109.7 84.4 126.6
51 40.4 26.0 39.0#
86 48.0 49.5 74.3#

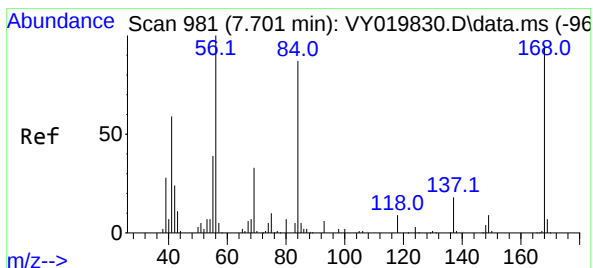
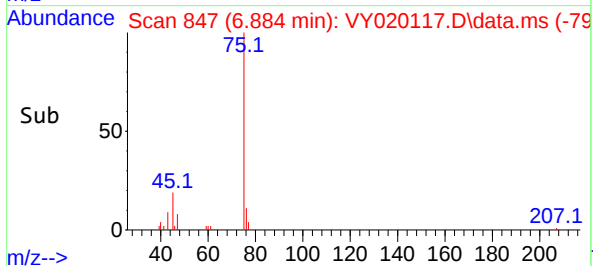
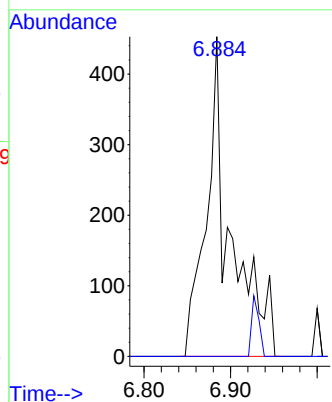
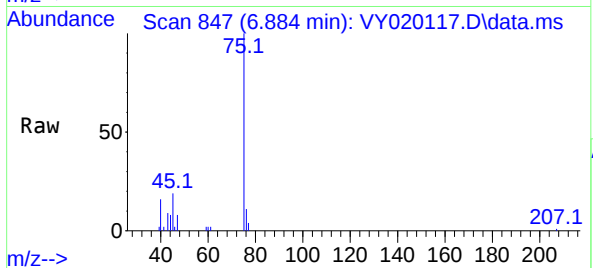




#25
2-Butanone
Concen: 1.357 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

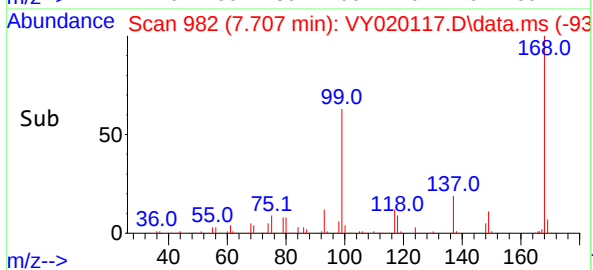
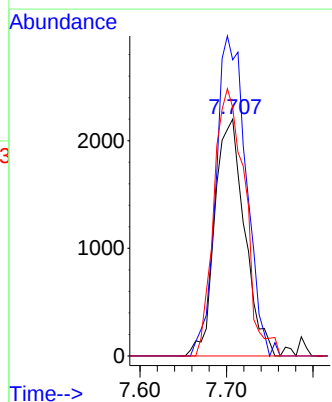
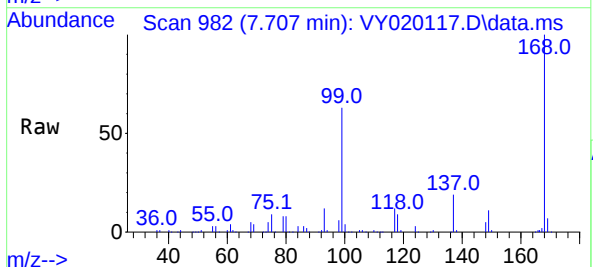
Instrument :
MSVOA_Y
ClientSampleId :

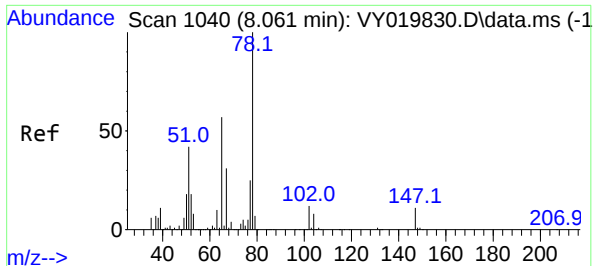
Tgt Ion: 43 Resp: 873
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

Tgt Ion: 56 Resp: 5282
Ion Ratio Lower Upper
56 100
69 125.1 28.7 43.1#
84 105.0 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 58.803 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY020117.D

Acq: 01 Nov 2024 14:23

Instrument :

MSVOA_Y

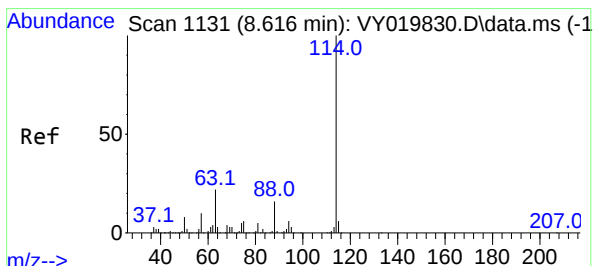
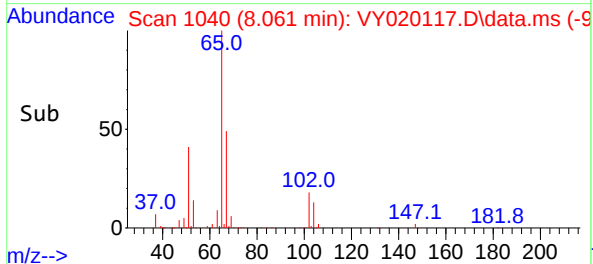
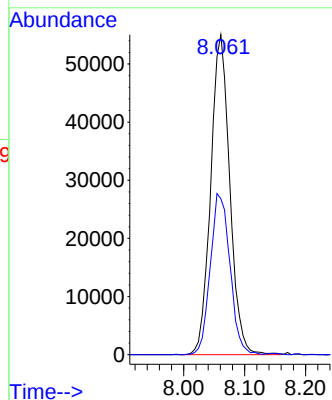
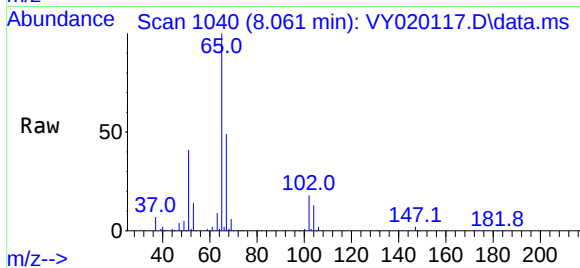
ClientSampleId :

Tgt Ion: 65 Resp: 119967

Ion Ratio Lower Upper

65 100

67 51.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY020117.D

Acq: 01 Nov 2024 14:23

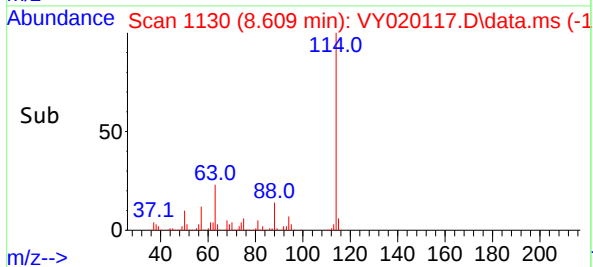
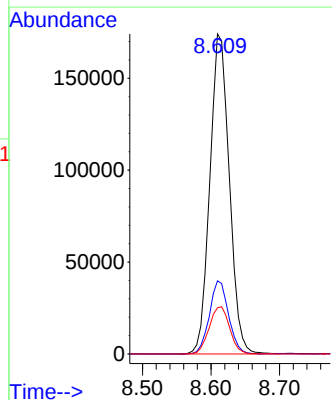
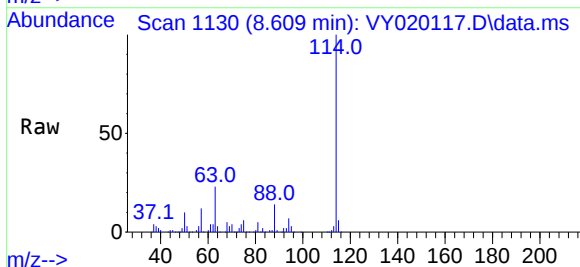
Tgt Ion: 114 Resp: 343691

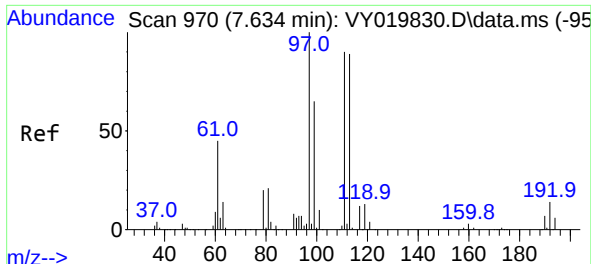
Ion Ratio Lower Upper

114 100

63 22.9 0.0 35.0

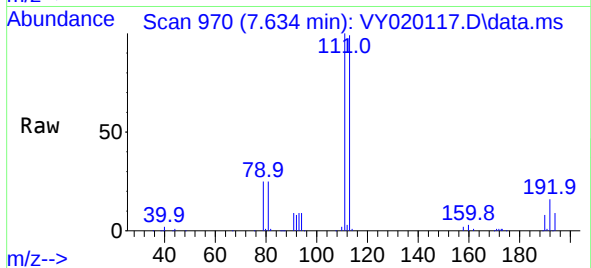
88 14.5 0.0 27.2



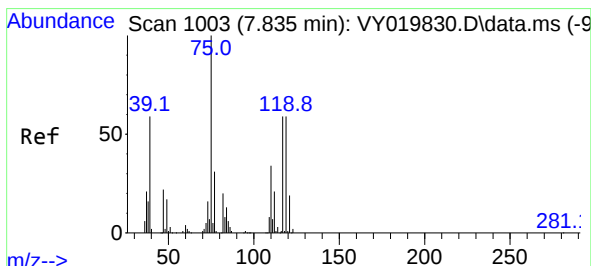
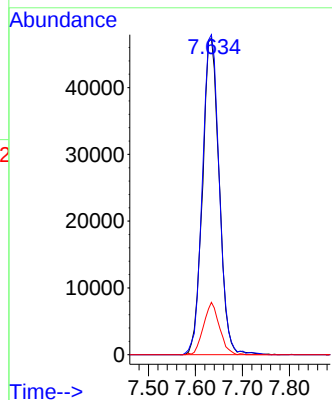
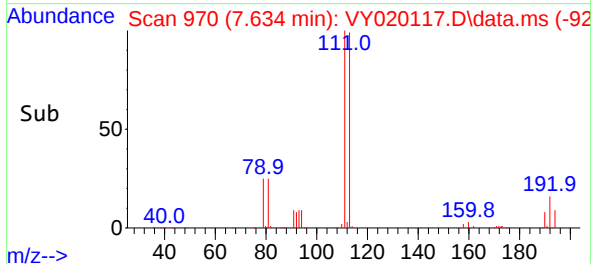


#35
Dibromofluoromethane
Concen: 53.442 ug/l
RT: 7.634 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

Instrument :
MSVOA_Y
ClientSampleId :

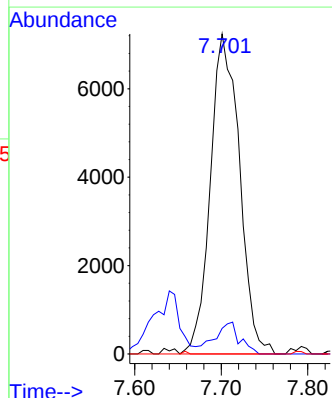
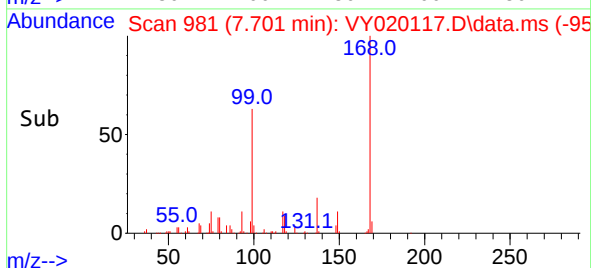
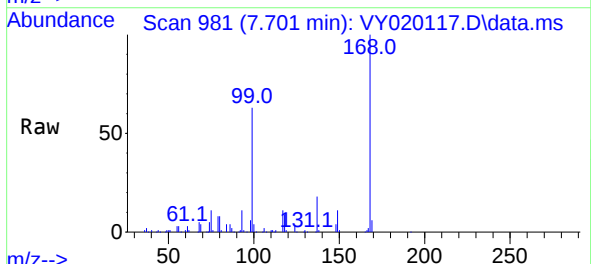


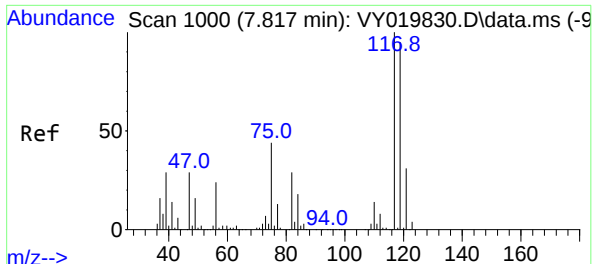
Tgt Ion:113 Resp: 116779
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 15.7 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 5.005 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

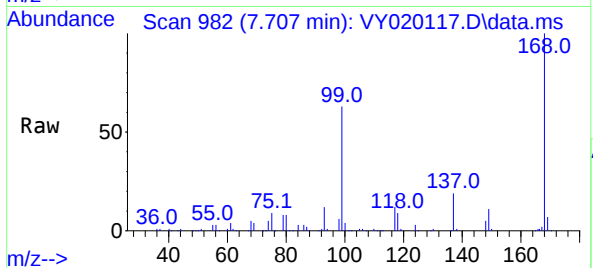
Tgt Ion: 75 Resp: 16896
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



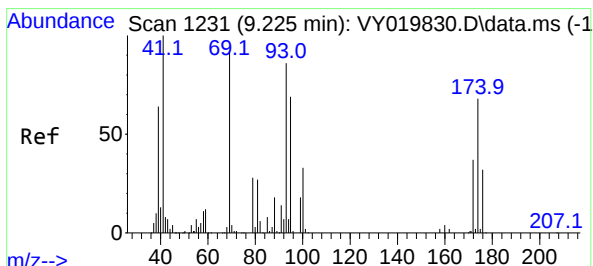
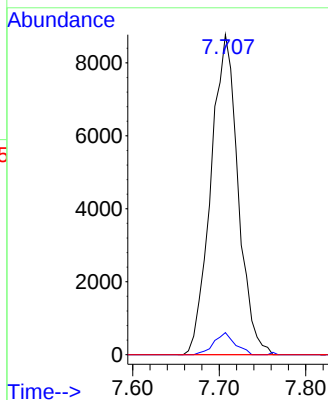
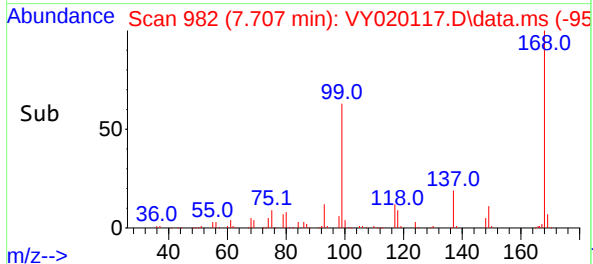


#38
Carbon Tetrachloride
Concen: 5.647 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

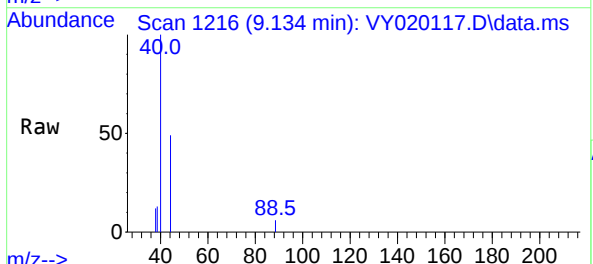
Instrument :
MSVOA_Y
ClientSampleId :



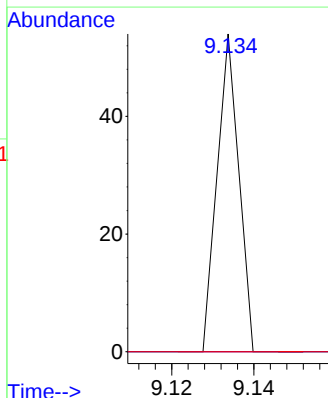
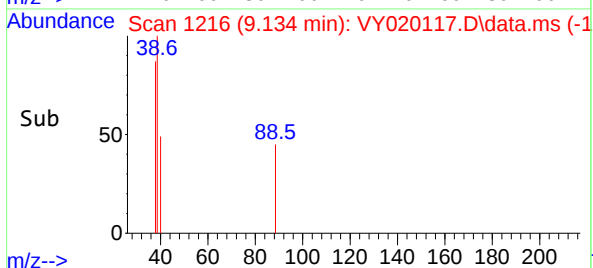
Tgt Ion:117 Resp: 19169
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.0 36.0#

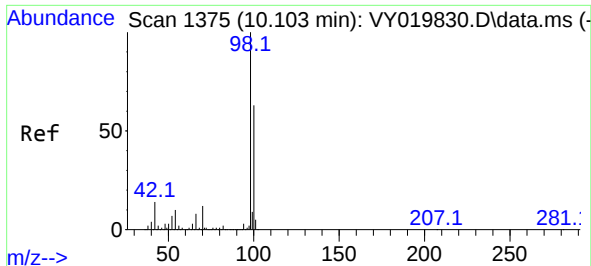


#49
1,4-Dioxane
Concen: 1.521 ug/l
RT: 9.134 min Scan# 1216
Delta R.T. -0.097 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23



Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

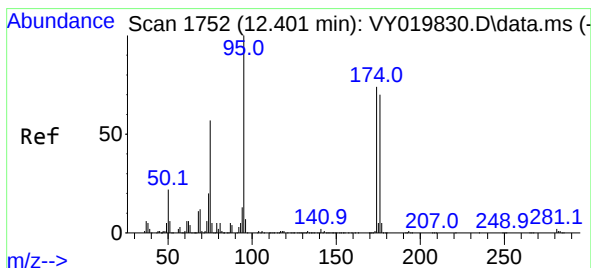
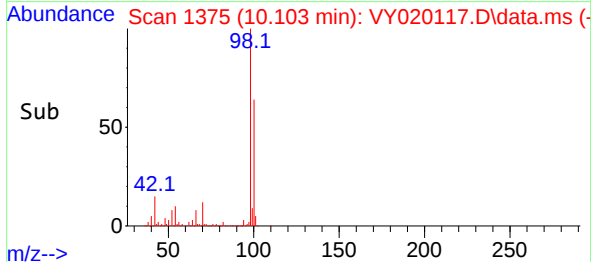
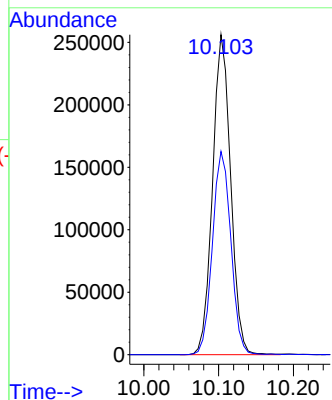
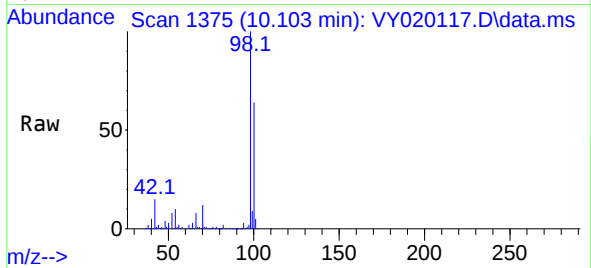




#50
Toluene-d8
Concen: 49.494 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

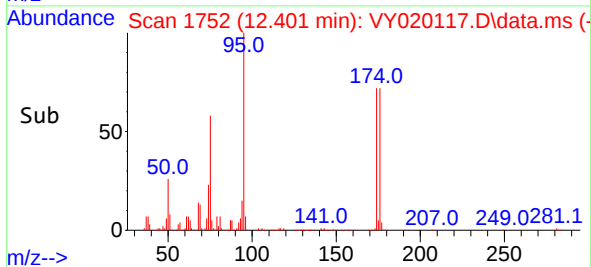
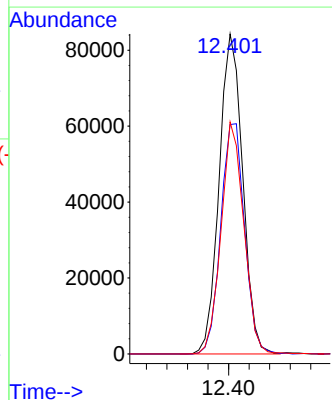
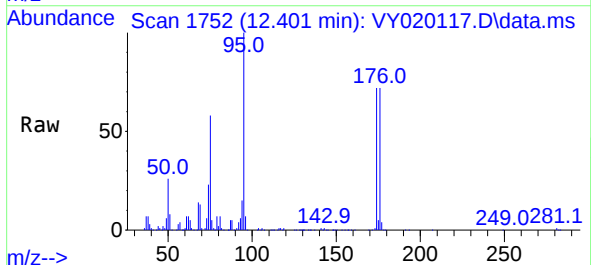
Instrument :
MSVOA_Y
ClientSampleId :

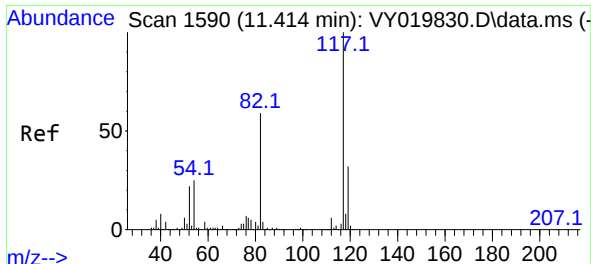
Tgt Ion: 98 Resp: 430500
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.258 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

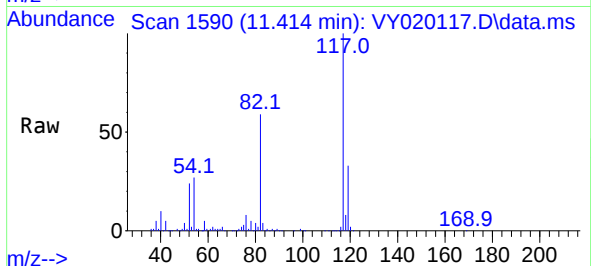
Tgt Ion: 95 Resp: 133514
Ion Ratio Lower Upper
95 100
174 73.1 0.0 175.6
176 70.3 0.0 171.4



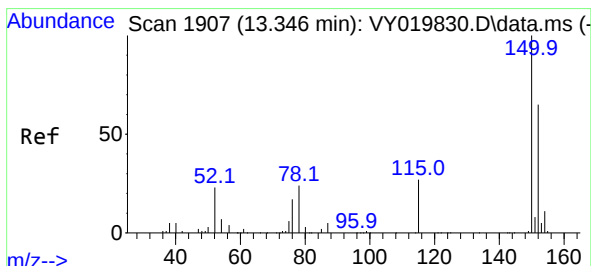
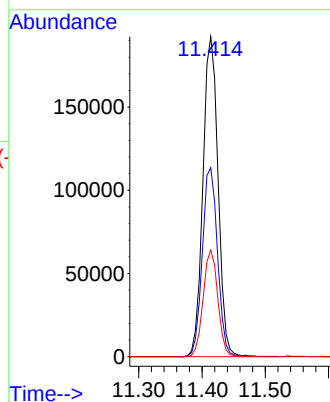
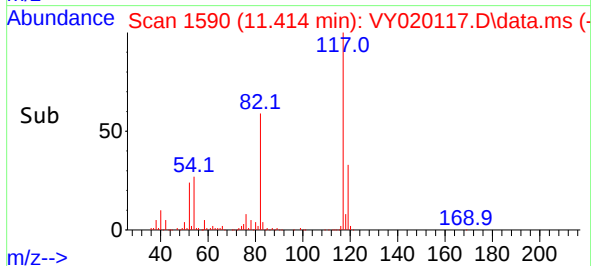


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

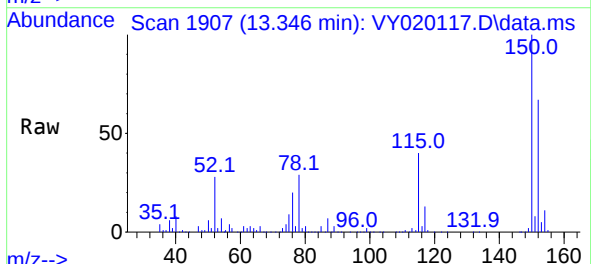
Instrument :
MSVOA_Y
ClientSampleId :



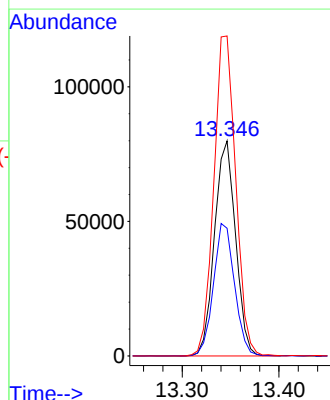
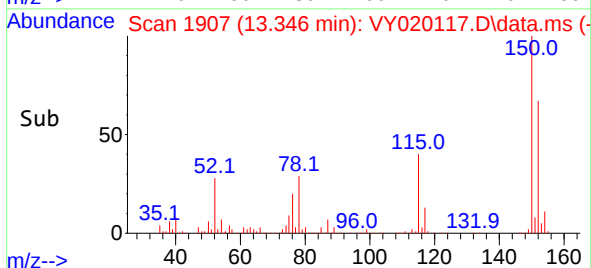
Tgt Ion:117 Resp: 321051
Ion Ratio Lower Upper
117 100
82 59.0 42.4 63.6
119 33.3 25.9 38.9

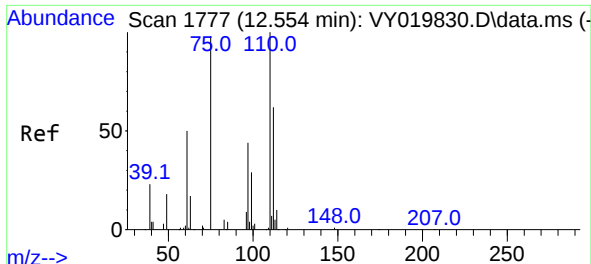


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23



Tgt Ion:152 Resp: 121068
Ion Ratio Lower Upper
152 100
115 61.8 28.2 84.7
150 154.5 0.0 345.6

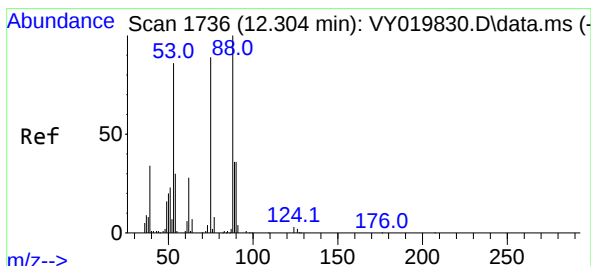
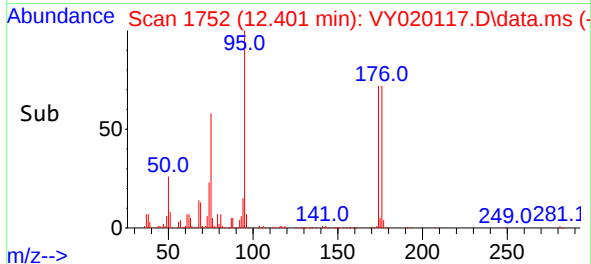
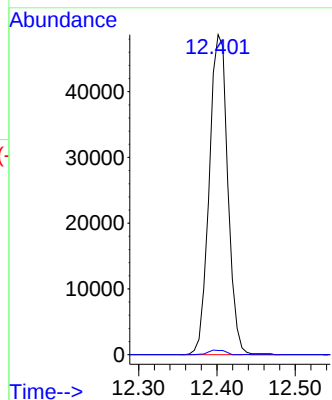
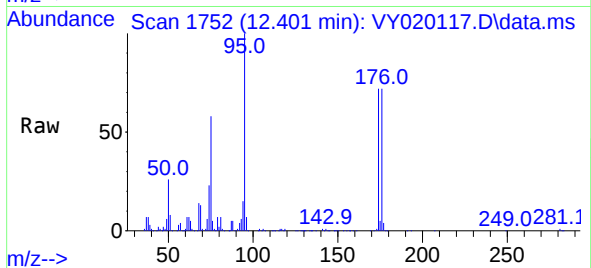




#76
1,2,3-Trichloropropane
Concen: 70.523 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80035
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.691 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020117.D
Acq: 01 Nov 2024 14:23

Tgt Ion: 75 Resp: 80035
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

