

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020137.D
 Acq On : 04 Nov 2024 13:03
 Operator : SY/MD
 Sample : P4643-07
 Misc : 3.90g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 05 00:30:35 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)

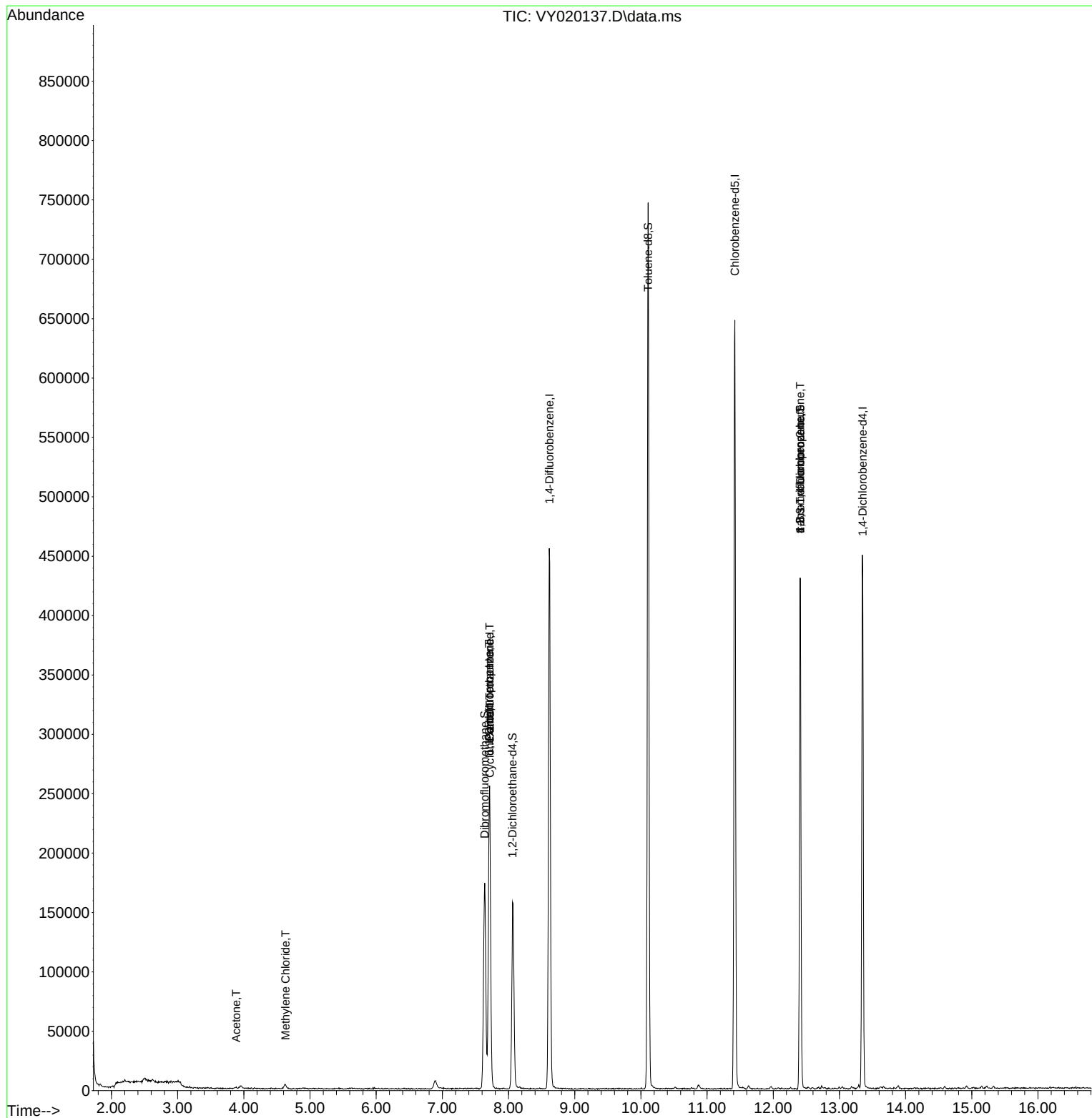
Internal Standards						
1) Pentafluorobenzene	7.713	168	179360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	366381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	321525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	102468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121269	54.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.340%	
35) Dibromofluoromethane	7.640	113	121600	52.202	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.400%	
50) Toluene-d8	10.109	98	452557	48.808	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	12.408	95	127240	42.248	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 84.500%	
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	1369	2.630	ug/l	# 66
20) Methylene Chloride	4.629	84	2363	1.010	ug/l	# 80
31) Cyclohexane	7.719	56	5589	1.376	ug/l	# 48
36) 1,1-Dichloropropene	7.707	75	17314	4.812	ug/l	# 40
38) Carbon Tetrachloride	7.713	117	19368	5.352	ug/l	# 16
76) 1,2,3-Trichloropropane	12.408	75	74158	77.205	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.408	75	74158	166.066	ug/l	# 16

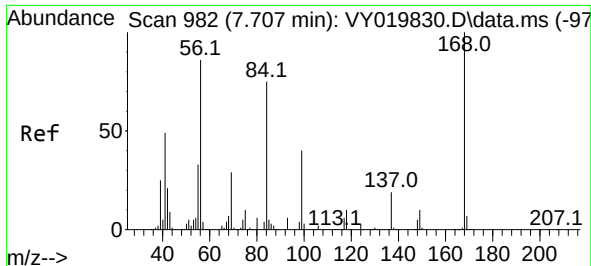
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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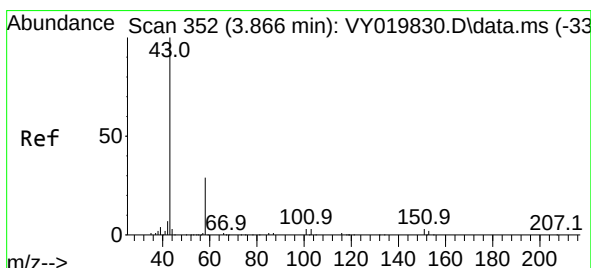
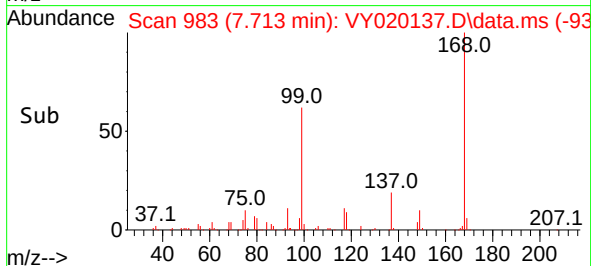
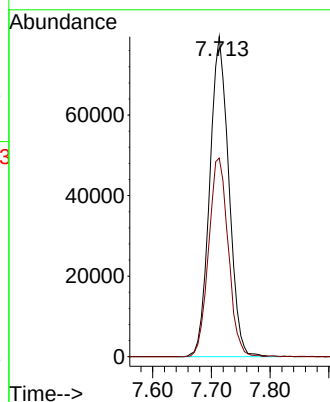
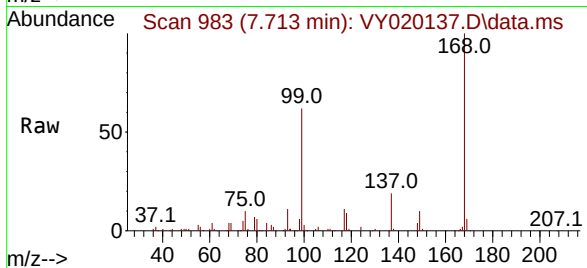




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

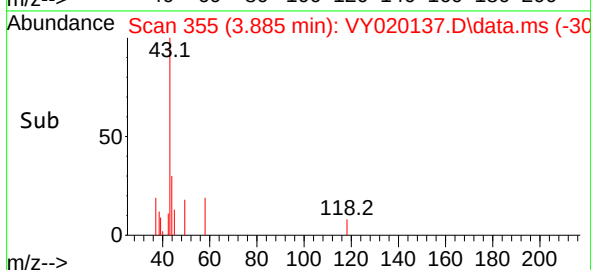
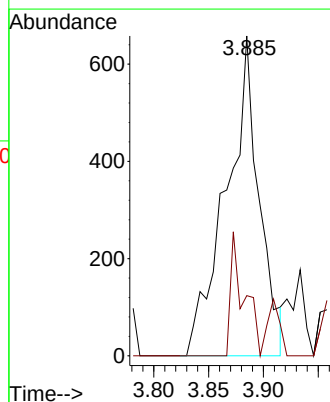
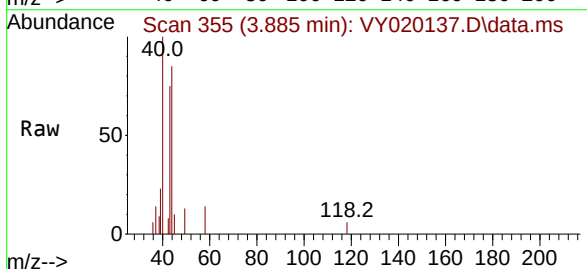
Instrument :
MSVOA_Y
ClientSampleId :

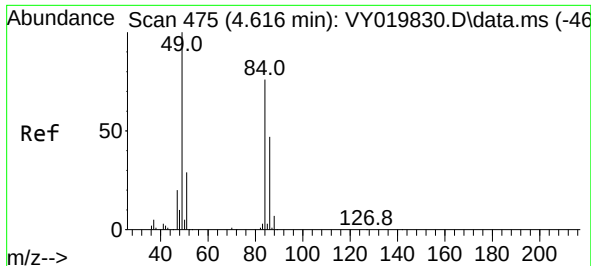
Tgt Ion:168 Resp: 179360
Ion Ratio Lower Upper
168 100
99 62.1 39.1 58.7#



#16
Acetone
Concen: 2.630 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.013 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

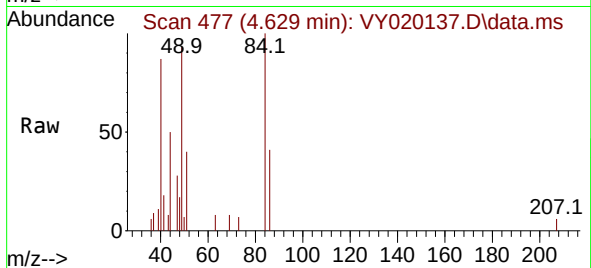
Tgt Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
58 18.8 31.7 47.5#



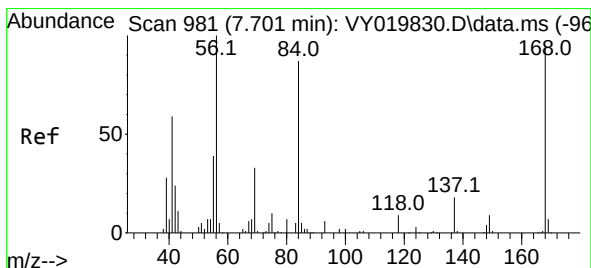
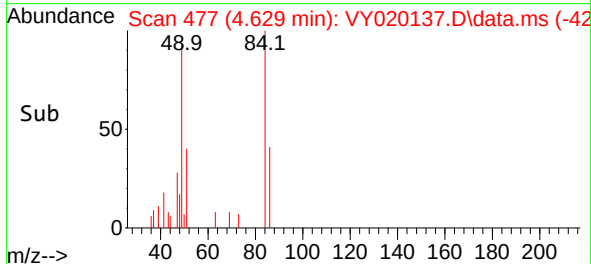
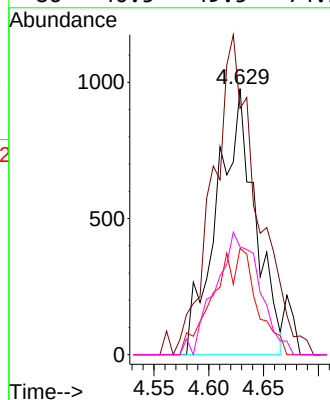


#20
Methylene Chloride
Concen: 1.010 ug/l
RT: 4.629 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :

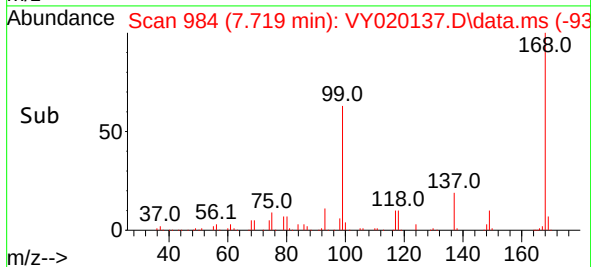
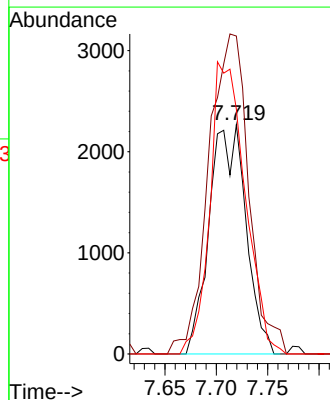
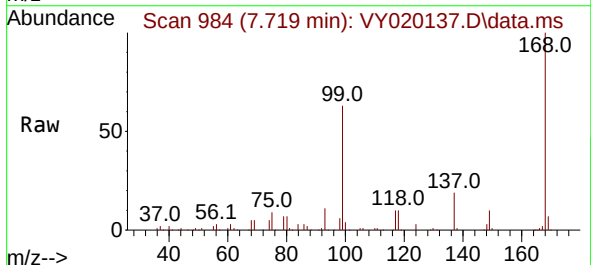


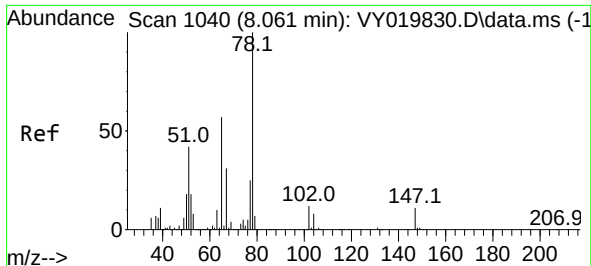
Tgt Ion:	84	Resp:	2363
Ion	Ratio	Lower	Upper
84	100		
49	87.0	84.4	126.6
51	39.9	26.0	39.0#
86	40.5	49.5	74.3#



#31
Cyclohexane
Concen: 1.376 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.019 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

Tgt Ion:	56	Resp:	5589
Ion	Ratio	Lower	Upper
56	100		
69	132.4	28.7	43.1#
84	106.8	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 54.173 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY020137.D

Acq: 04 Nov 2024 13:03

Instrument :

MSVOA_Y

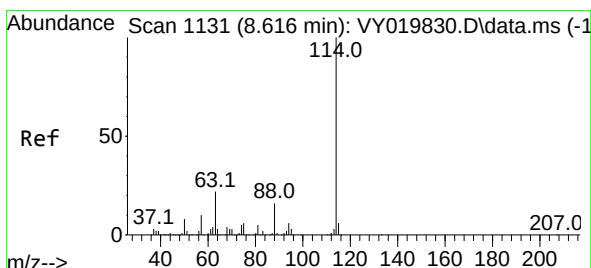
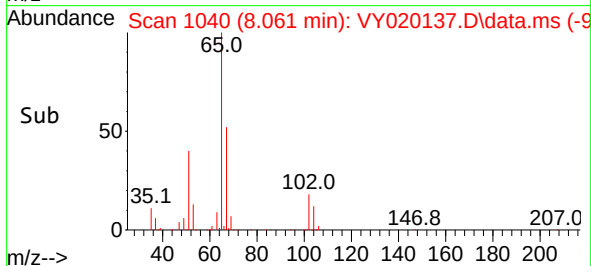
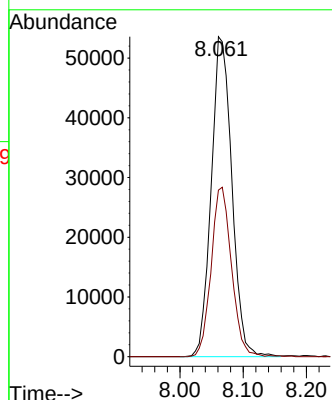
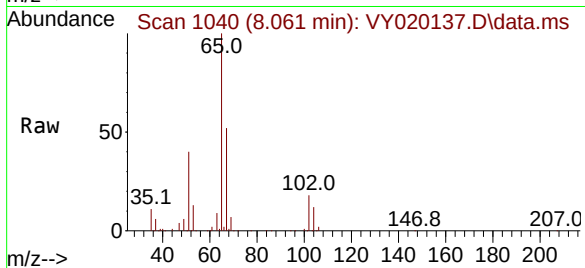
ClientSampleId :

Tgt Ion: 65 Resp: 121269

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: VY020137.D

Acq: 04 Nov 2024 13:03

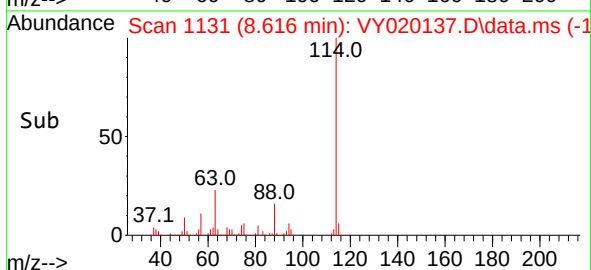
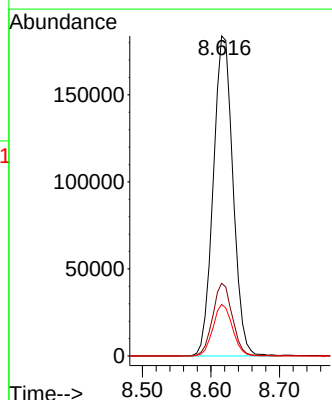
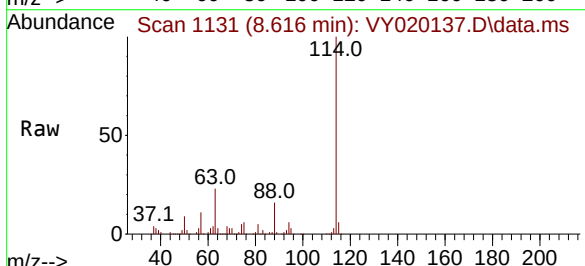
Tgt Ion: 114 Resp: 366381

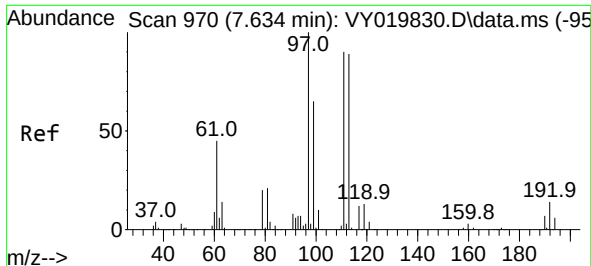
Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

88 16.1 0.0 27.2

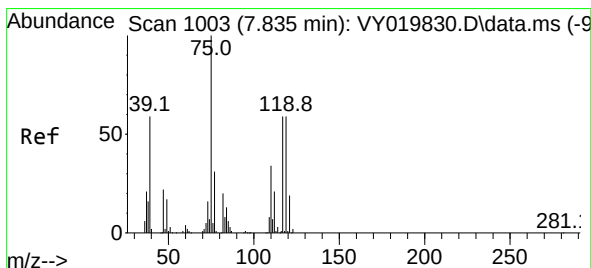
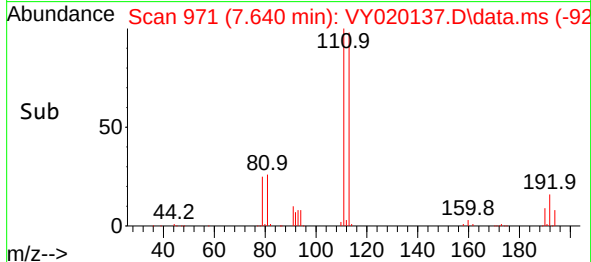
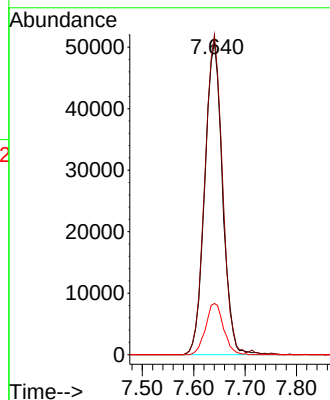
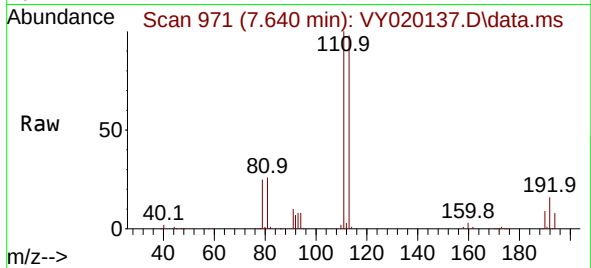




#35
Dibromofluoromethane
Concen: 52.202 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

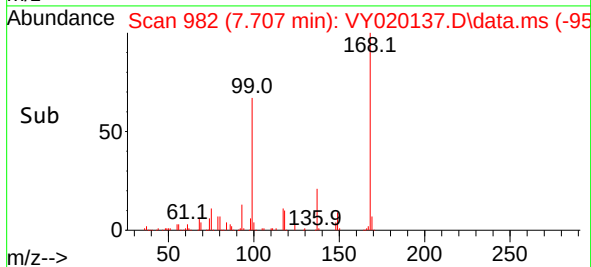
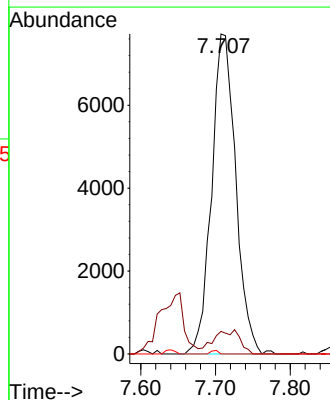
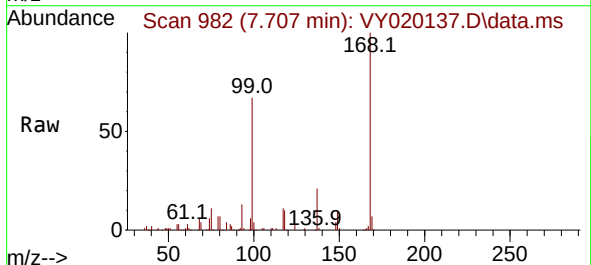
Instrument :
MSVOA_Y
ClientSampleId :

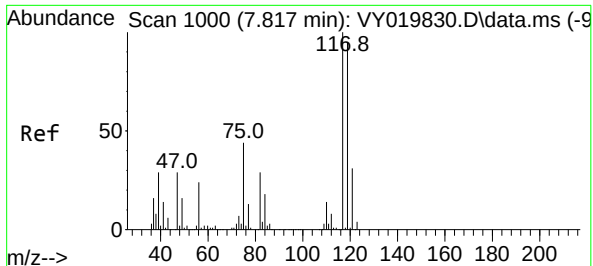
Tgt Ion:113 Resp: 121600
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 16.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.812 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

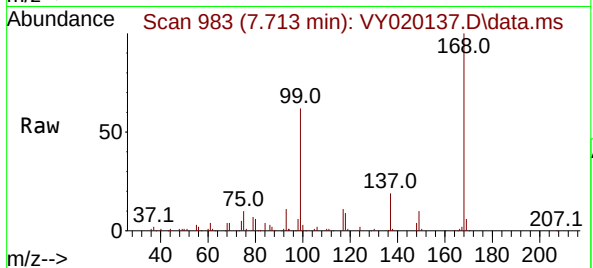
Tgt Ion: 75 Resp: 17314
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.3 25.3 37.9#



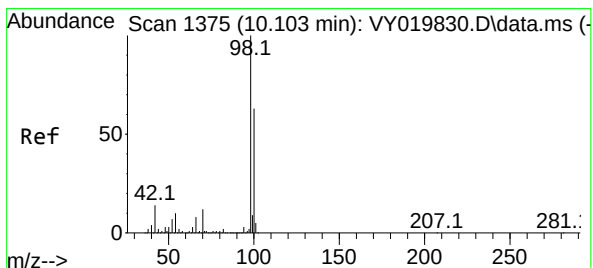
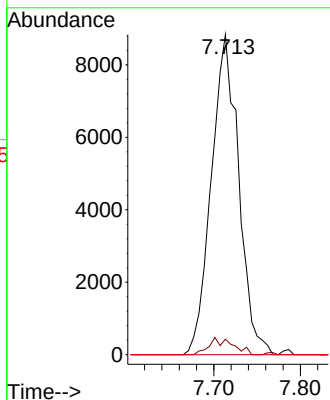
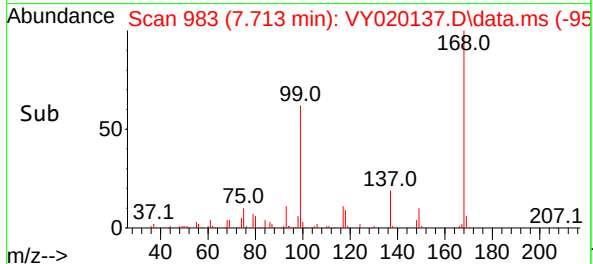


#38
Carbon Tetrachloride
Concen: 5.352 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :

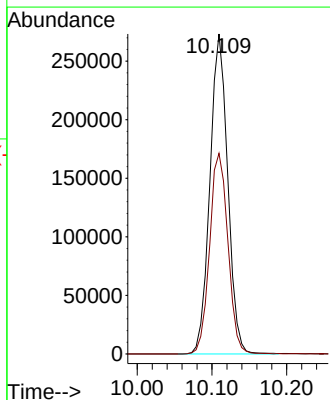
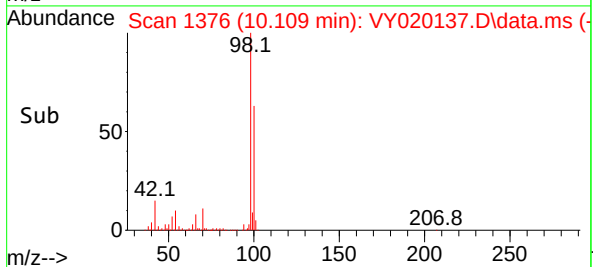
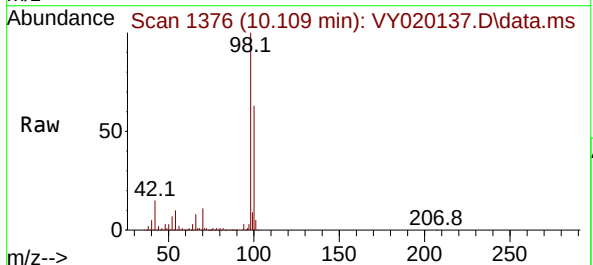


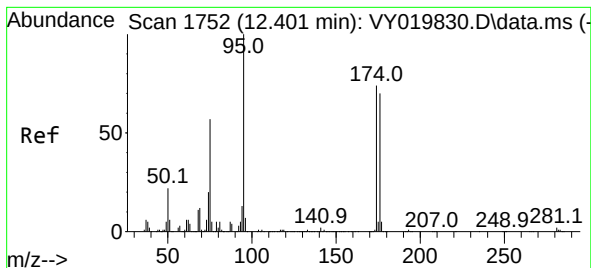
Tgt Ion:117 Resp: 19368
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.808 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

Tgt Ion: 98 Resp: 452557
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0

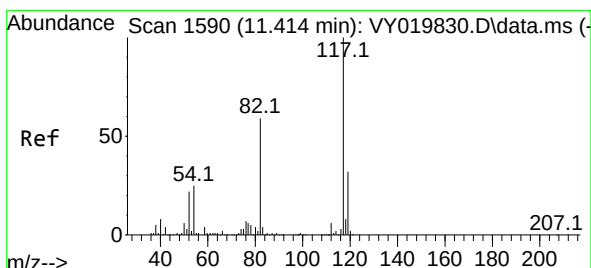
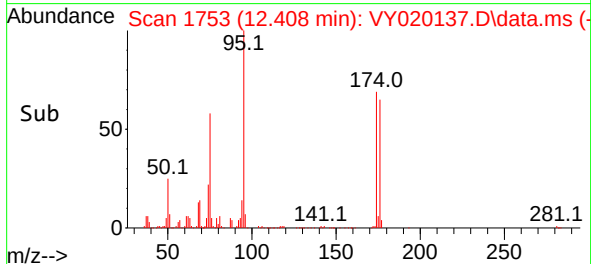
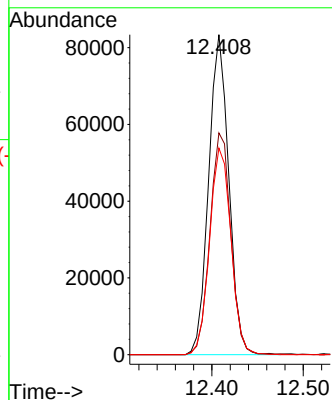
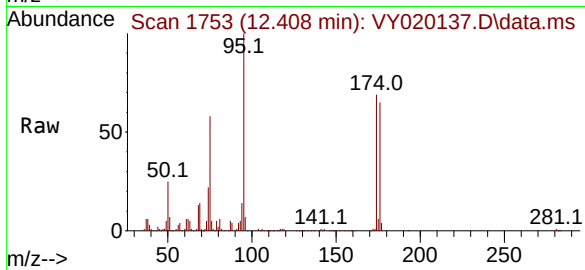




#62
4-Bromofluorobenzene
Concen: 42.248 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

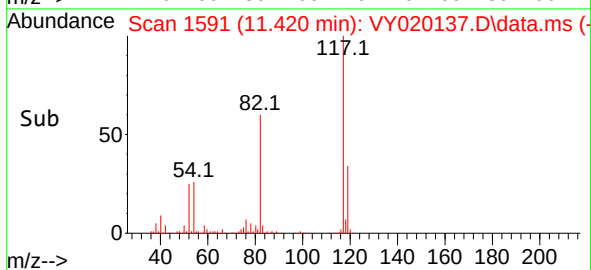
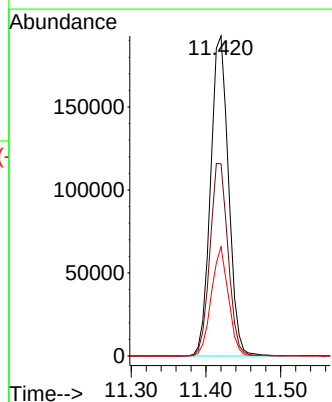
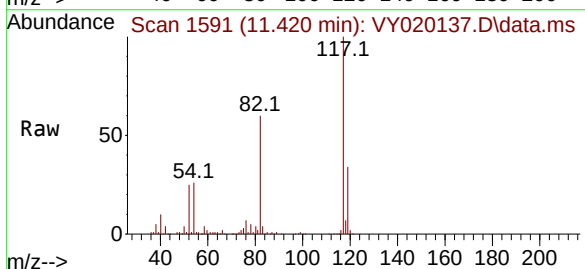
Instrument :
MSVOA_Y
ClientSampleId :

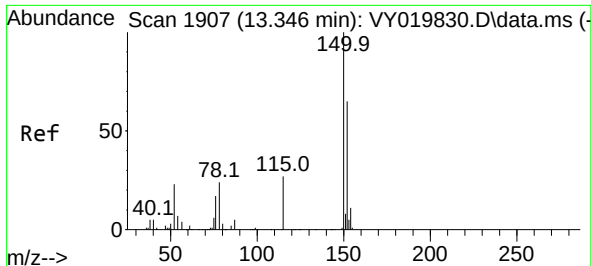
Tgt Ion: 95 Resp: 127240
Ion Ratio Lower Upper
95 100
174 72.2 0.0 175.6
176 68.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

Tgt Ion: 117 Resp: 321525
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 34.1 25.9 38.9

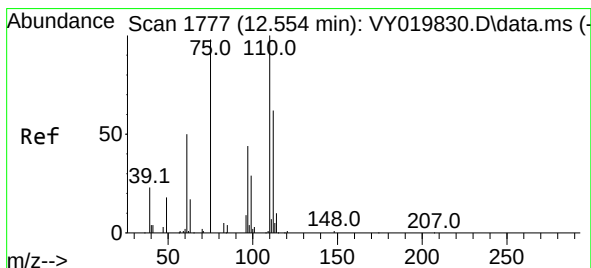
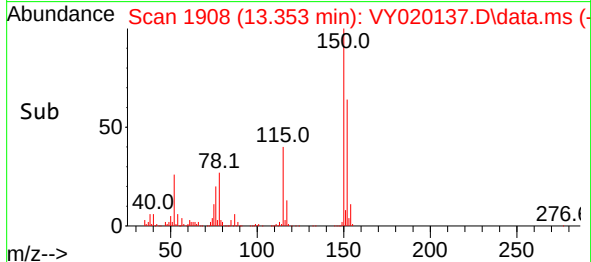
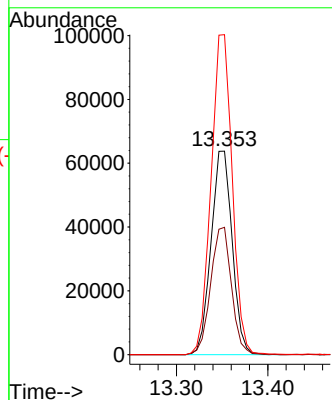
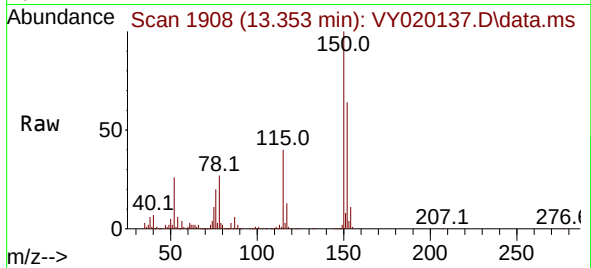




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.353 min Scan# 1907
 Delta R.T. 0.006 min
 Lab File: VY020137.D
 Acq: 04 Nov 2024 13:03

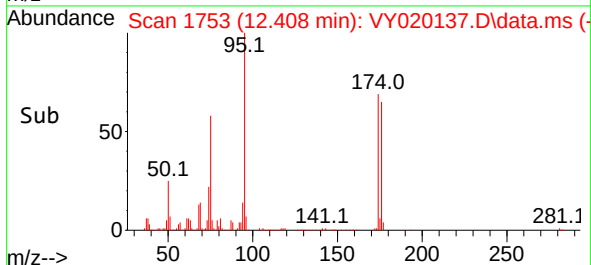
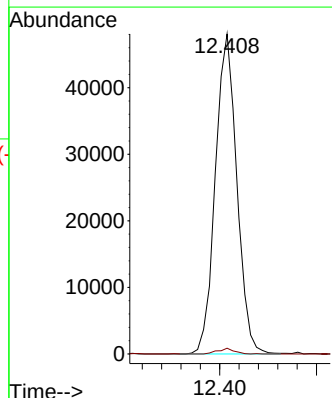
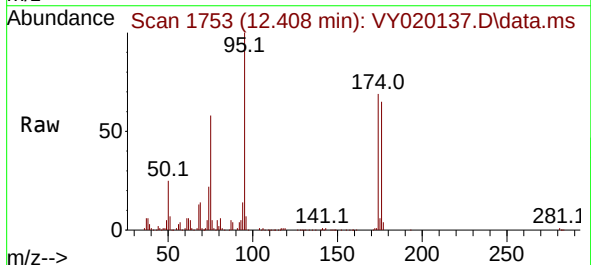
Instrument :
 MSVOA_Y
 ClientSampleId :

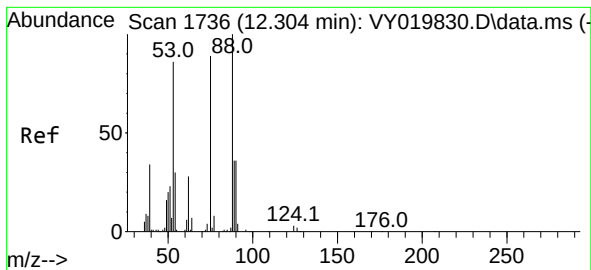
Tgt Ion:152 Resp: 102468
 Ion Ratio Lower Upper
 152 100
 115 61.6 28.2 84.7
 150 157.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 77.205 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020137.D
 Acq: 04 Nov 2024 13:03

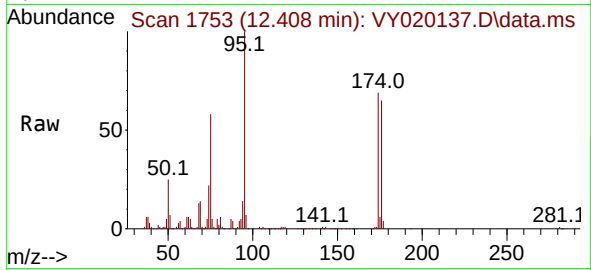
Tgt Ion: 75 Resp: 74158
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 166.066 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020137.D
Acq: 04 Nov 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 74158
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

