

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020355.D
 Acq On : 20 Nov 2024 13:30
 Operator : SY/MD
 Sample : P4916-03
 Misc : 3.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 00:46:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

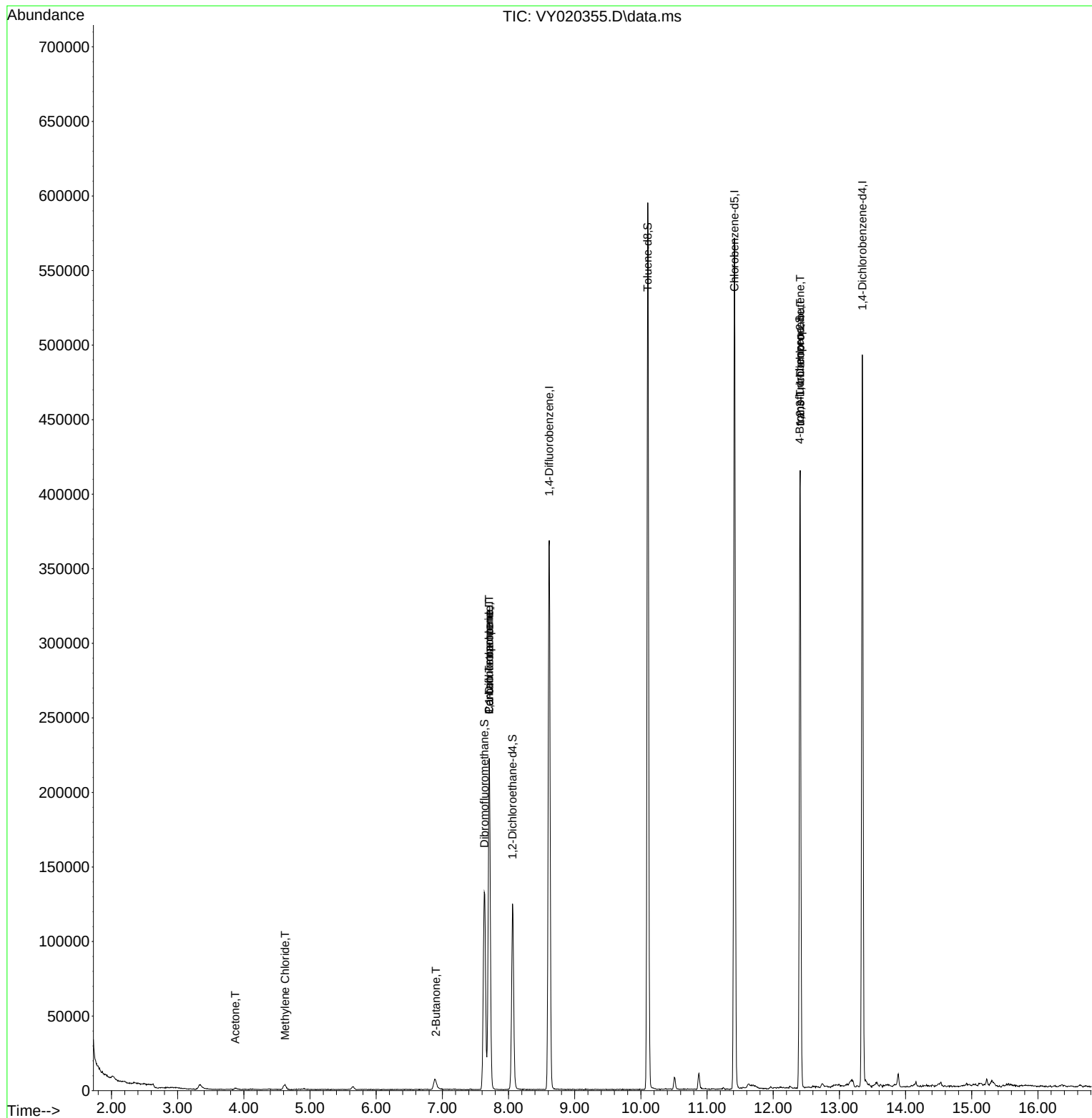
Internal Standards						
1) Pentafluorobenzene	7.707	168	160275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	310002	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	289428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	117815	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	98673	53.587	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.180%	
35) Dibromofluoromethane	7.634	113	96259	48.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.840%	
50) Toluene-d8	10.103	98	380673	48.614	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.220%	
62) 4-Bromofluorobenzene	12.401	95	130847	51.980	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 103.960%	
Target Compounds						Qvalue
3) Chloromethane	2.074	50	170	Below Cal	#	41
16) Acetone	3.872	43	1665	3.772	ug/l	99
20) Methylene Chloride	4.622	84	2349	1.257	ug/l	91
25) 2-Butanone	6.902	43	878	1.545	ug/l #	50
36) 1,1-Dichloropropene	7.707	75	13564	4.468	ug/l #	51
38) Carbon Tetrachloride	7.707	117	17912	5.650	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	71476	64.367	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	71476	126.125	ug/l #	9

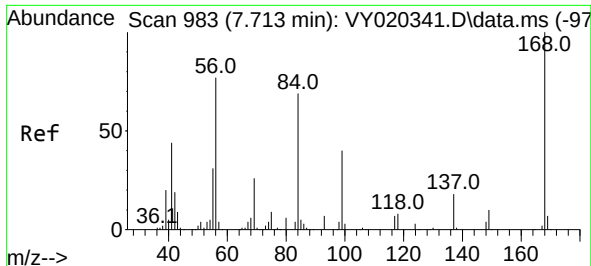
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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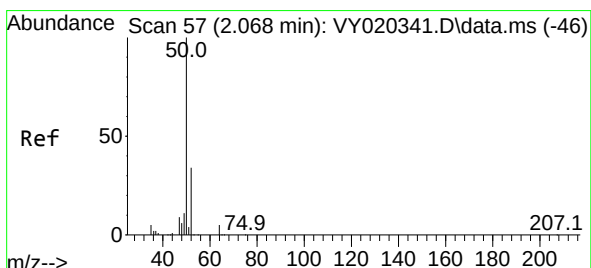
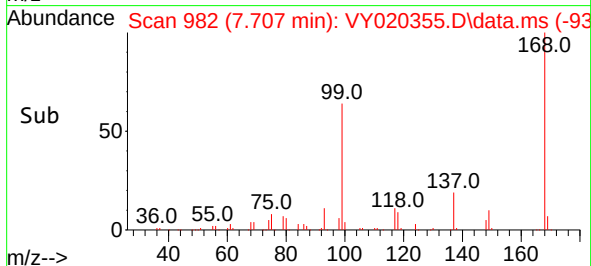
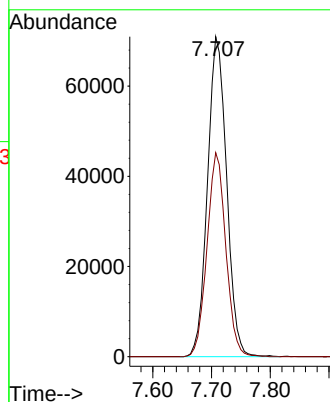
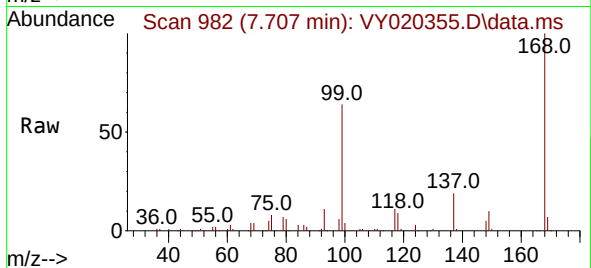




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

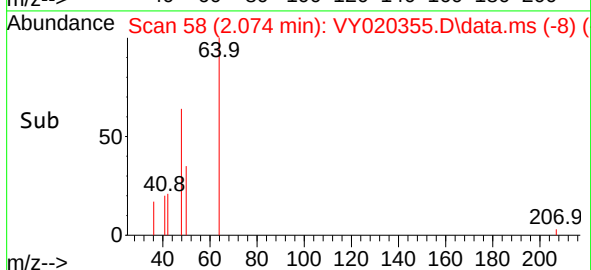
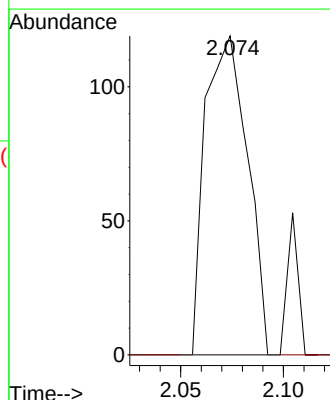
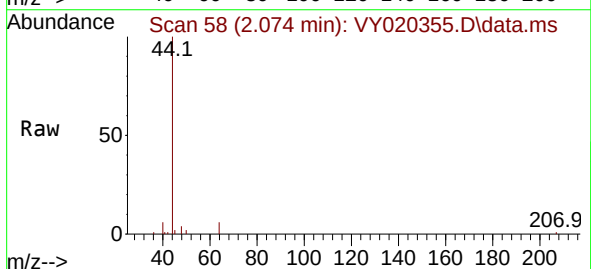
Instrument :
MSVOA_Y
ClientSampleId :

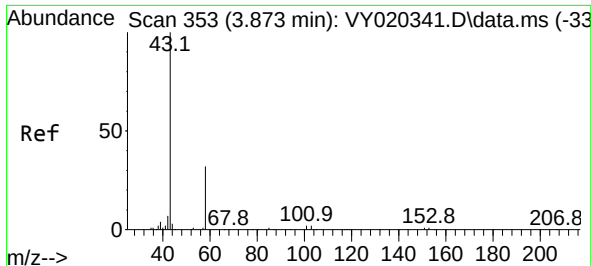
Tgt Ion:168 Resp: 160275
Ion Ratio Lower Upper
168 100
99 63.7 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.074 min Scan# 58
Delta R.T. 0.006 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

Tgt Ion: 50 Resp: 170
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

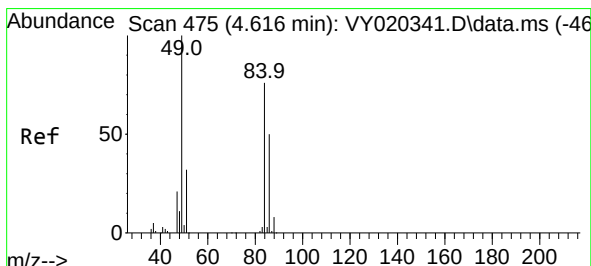
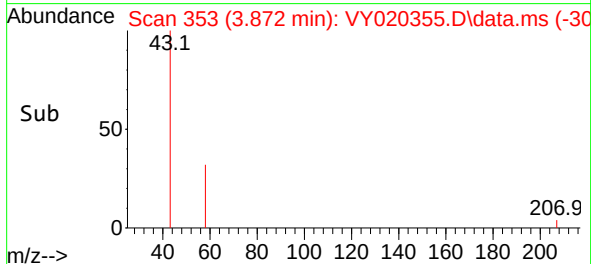
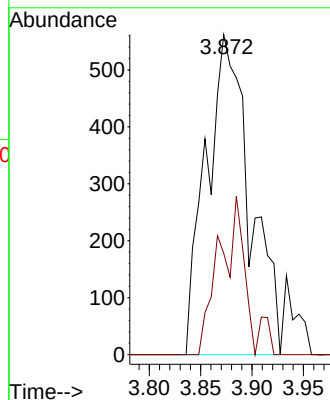
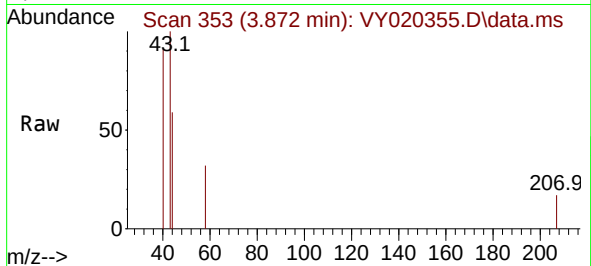




#16
Acetone
Concen: 3.772 ug/l
RT: 3.872 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

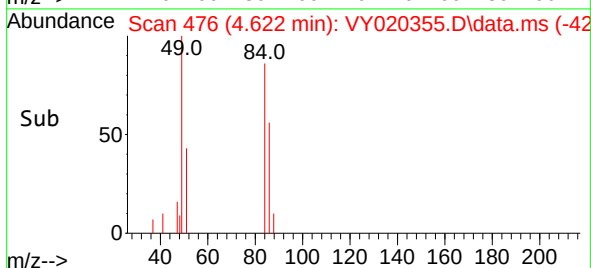
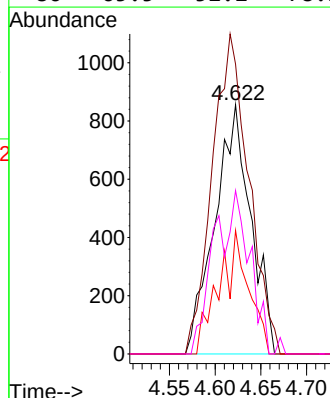
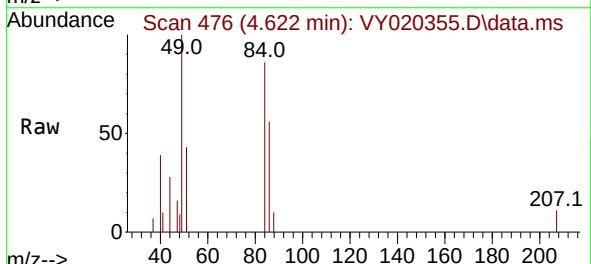
Instrument :
MSVOA_Y
ClientSampleId :

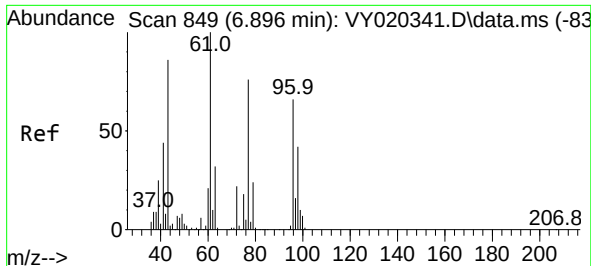
Tgt Ion: 43 Resp: 1665
Ion Ratio Lower Upper
43 100
58 31.7 25.7 38.5



#20
Methylene Chloride
Concen: 1.257 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

Tgt Ion: 84 Resp: 2349
Ion Ratio Lower Upper
84 100
49 116.2 104.7 157.1
51 49.5 33.4 50.0
86 65.5 52.2 78.2

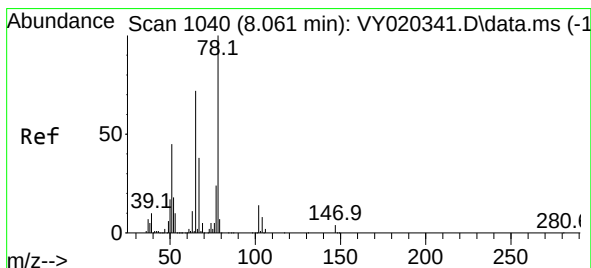
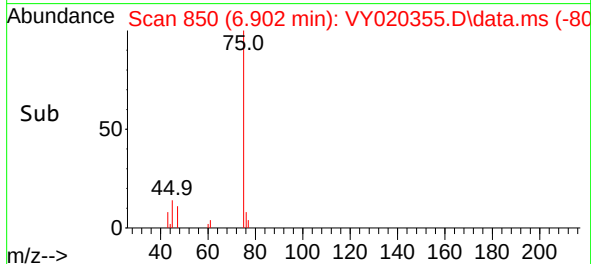
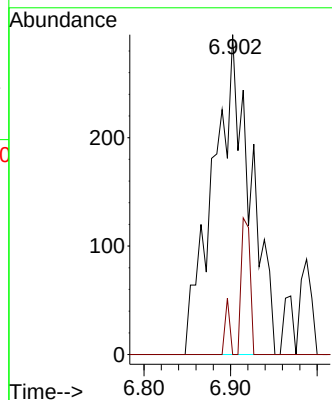
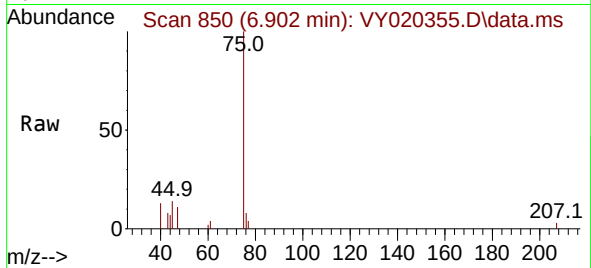




#25
2-Butanone
Concen: 1.545 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

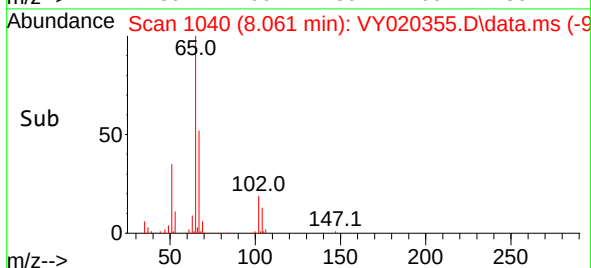
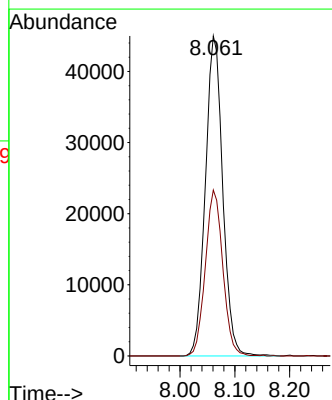
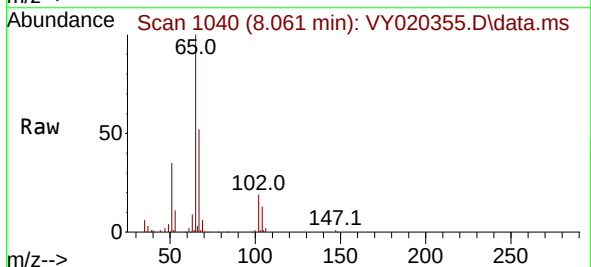
Instrument :
MSVOA_Y
ClientSampleId :

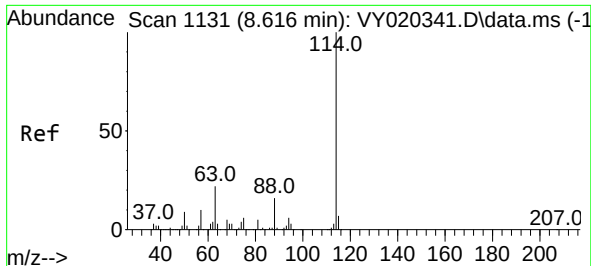
Tgt Ion: 43 Resp: 878
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#33
1,2-Dichloroethane-d4
Concen: 53.587 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

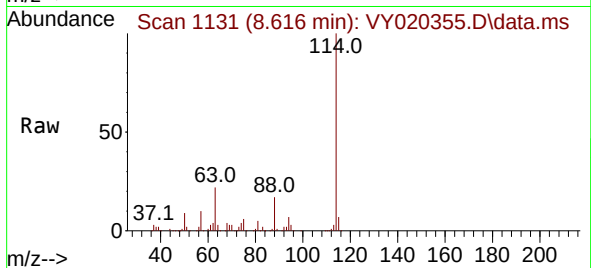
Tgt Ion: 65 Resp: 98673
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.8



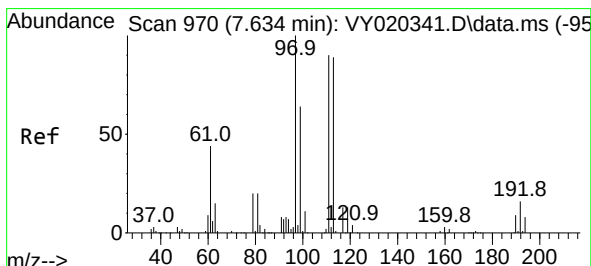
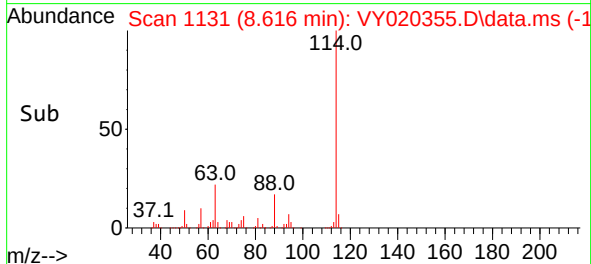
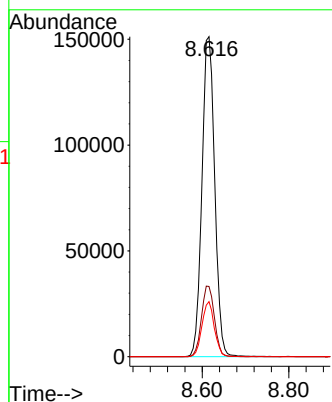


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

Instrument :
MSVOA_Y
ClientSampleId :

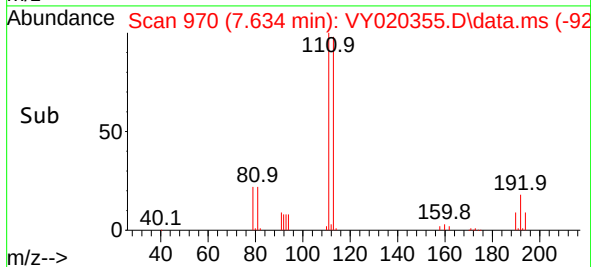
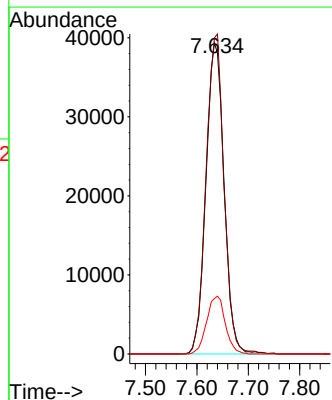
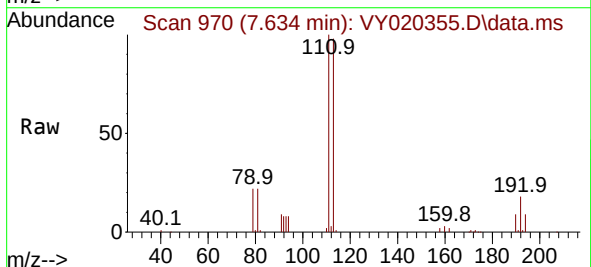


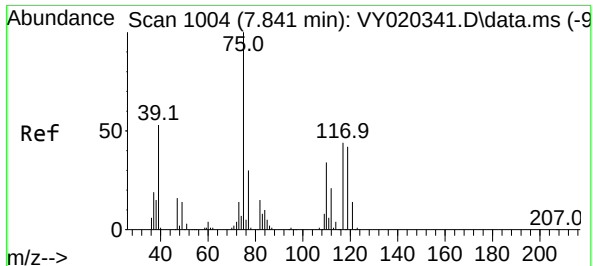
Tgt Ion:	114	Resp:	310002
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.8
88	17.2	0.0	32.0



#35
Dibromofluoromethane
Concen: 48.424 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

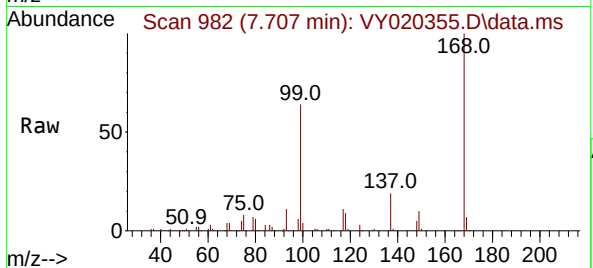
Tgt Ion:	113	Resp:	96259
Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.4	122.0
192	19.1	15.1	22.7



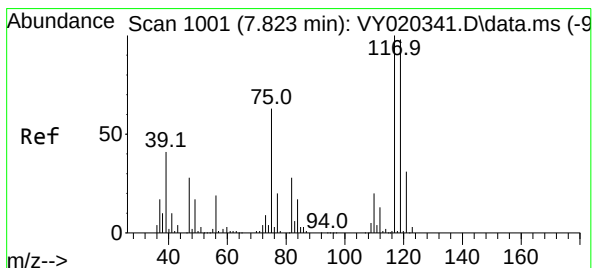
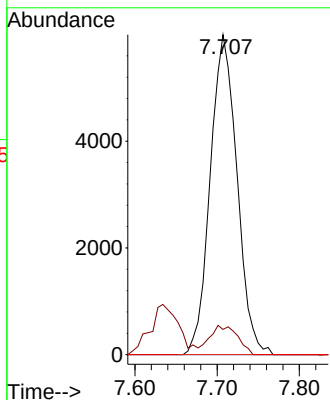
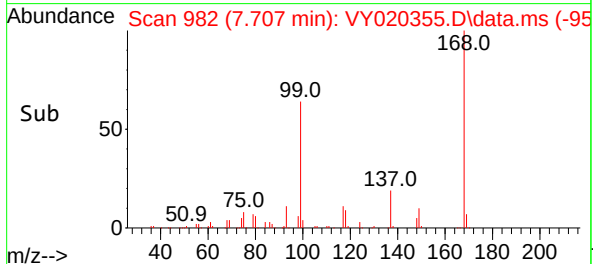


#36
1,1-Dichloropropene
Concen: 4.468 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

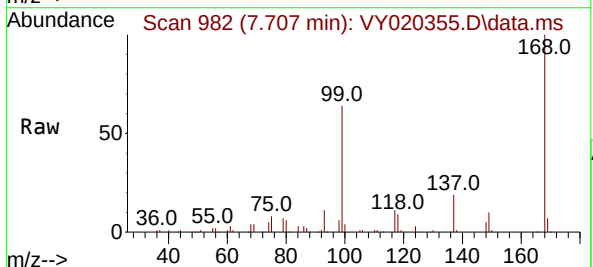
Instrument :
MSVOA_Y
ClientSampleId :



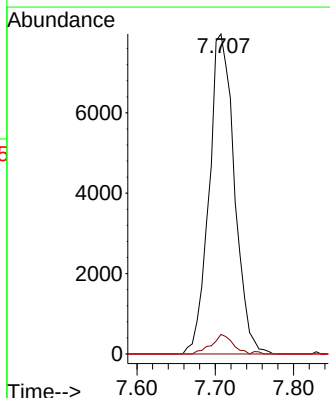
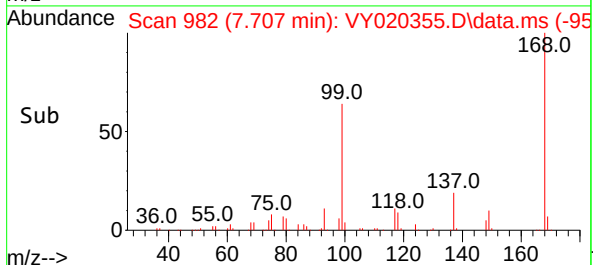
Tgt Ion: 75 Resp: 13564
Ion Ratio Lower Upper
75 100
110 9.5 16.7 50.0#
77 0.0 24.6 36.8#

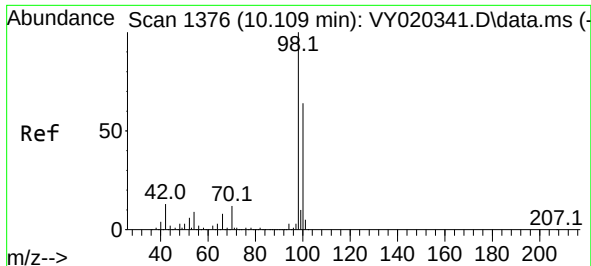


#38
Carbon Tetrachloride
Concen: 5.650 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30



Tgt Ion: 117 Resp: 17912
Ion Ratio Lower Upper
117 100
119 6.1 77.8 116.6#
121 0.0 24.6 37.0#

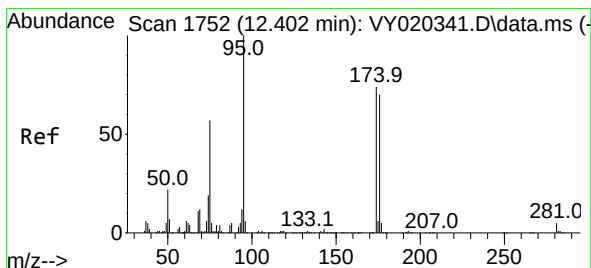
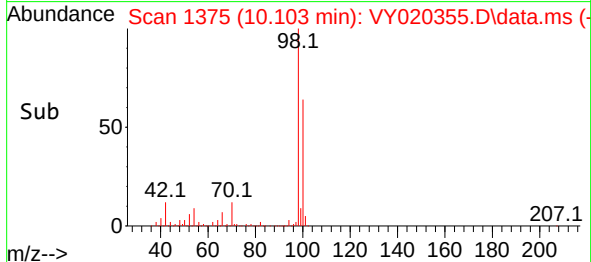
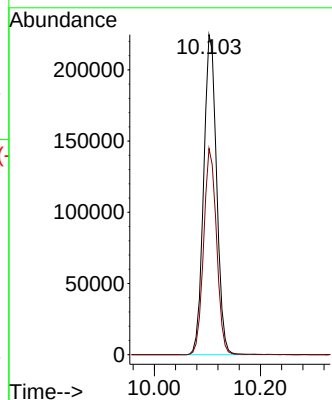
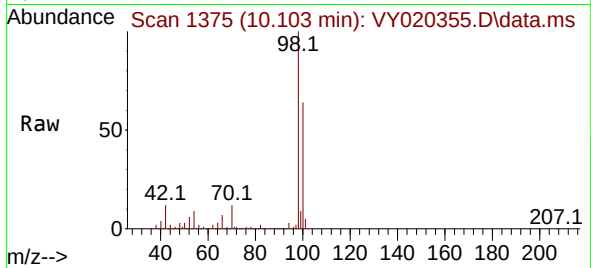




#50
Toluene-d8
Concen: 48.614 ug/l
RT: 10.103 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

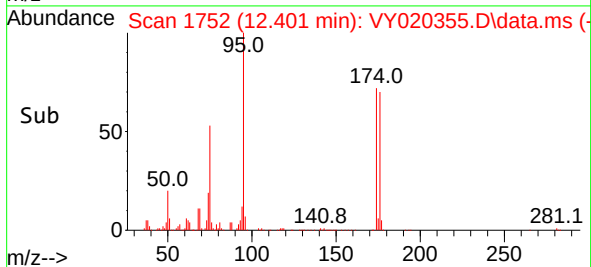
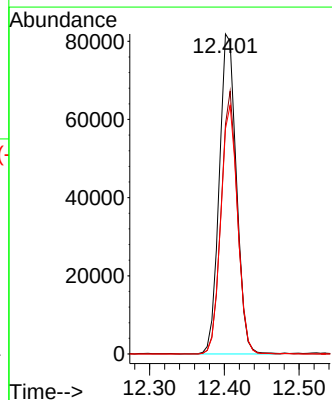
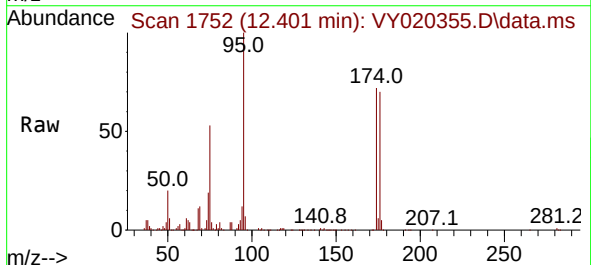
Instrument :
MSVOA_Y
ClientSampleId :

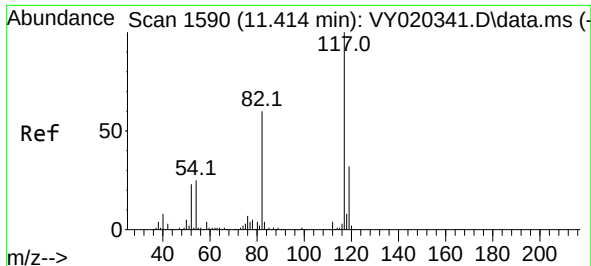
Tgt Ion: 98 Resp: 380673
Ion Ratio Lower Upper
98 100
100 64.2 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 51.980 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

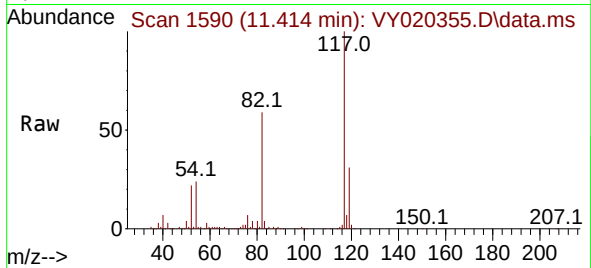
Tgt Ion: 95 Resp: 130847
Ion Ratio Lower Upper
95 100
174 77.9 0.0 156.8
176 76.0 0.0 152.0



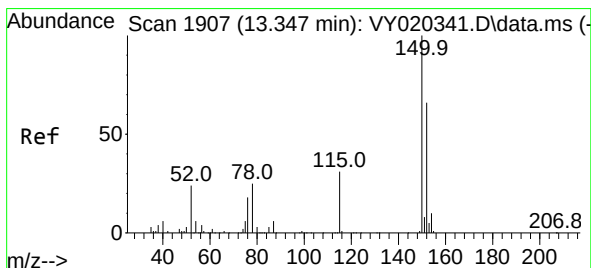
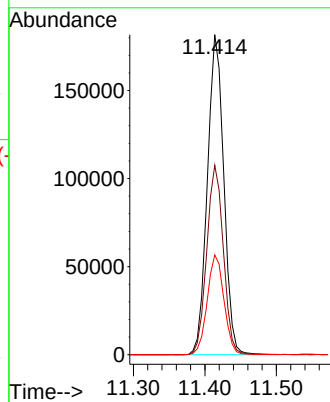
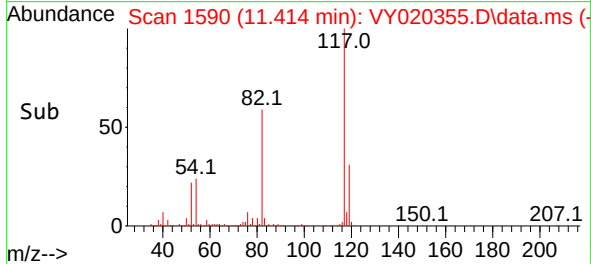


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30

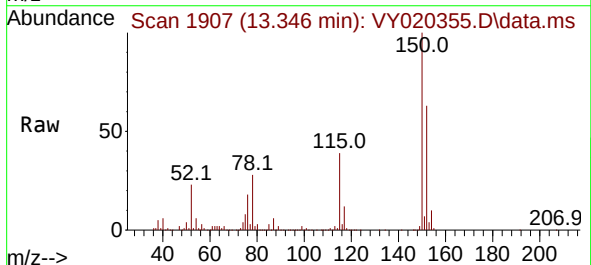
Instrument :
MSVOA_Y
ClientSampleId :



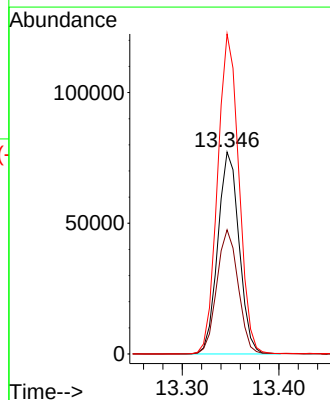
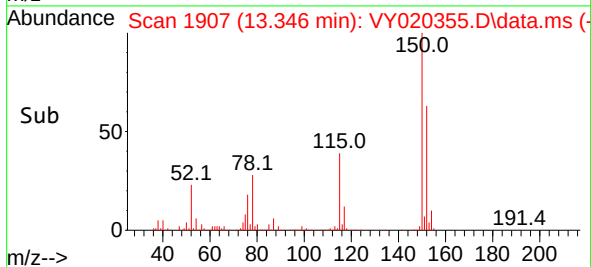
Tgt Ion:117 Resp: 289428
Ion Ratio Lower Upper
117 100
82 59.2 48.2 72.4
119 31.2 25.8 38.8

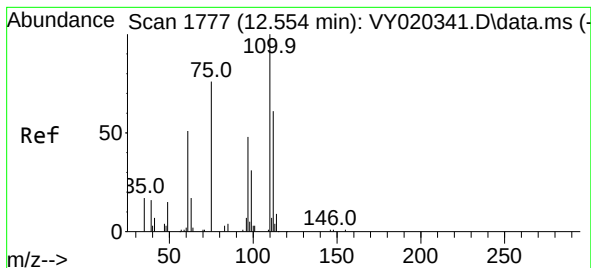


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY020355.D
Acq: 20 Nov 2024 13:30



Tgt Ion:152 Resp: 117815
Ion Ratio Lower Upper
152 100
115 62.0 30.0 90.0
150 158.6 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 64.367 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.147 min

Lab File: VY020355.D

Acq: 20 Nov 2024 13:30

Instrument :

MSVOA_Y

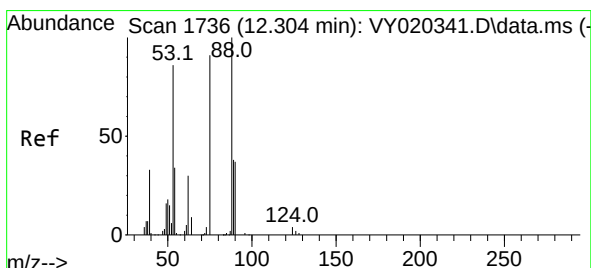
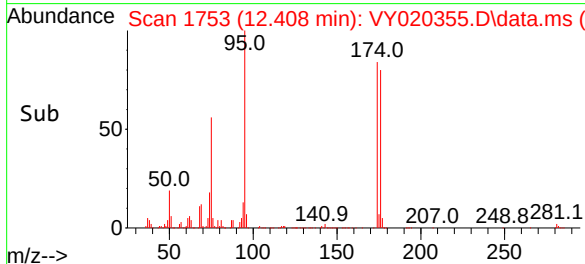
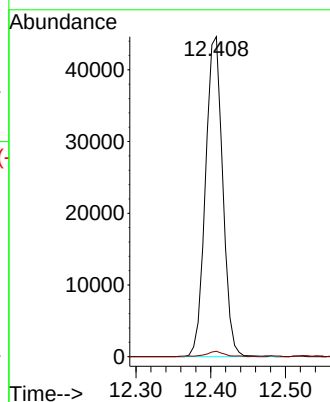
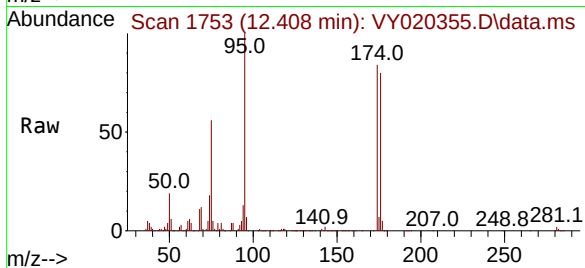
ClientSampleId :

Tgt Ion: 75 Resp: 71476

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 126.125 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.103 min

Lab File: VY020355.D

Acq: 20 Nov 2024 13:30

Tgt Ion: 75 Resp: 71476

Ion Ratio Lower Upper

75 100

53 0.1 81.1 121.7#

89 0.0 35.1 52.7#

