

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019875.D
 Acq On : 11 Oct 2024 16:34
 Operator : SY/MD
 Sample : P4385-11
 Misc : 5.66g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:49:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

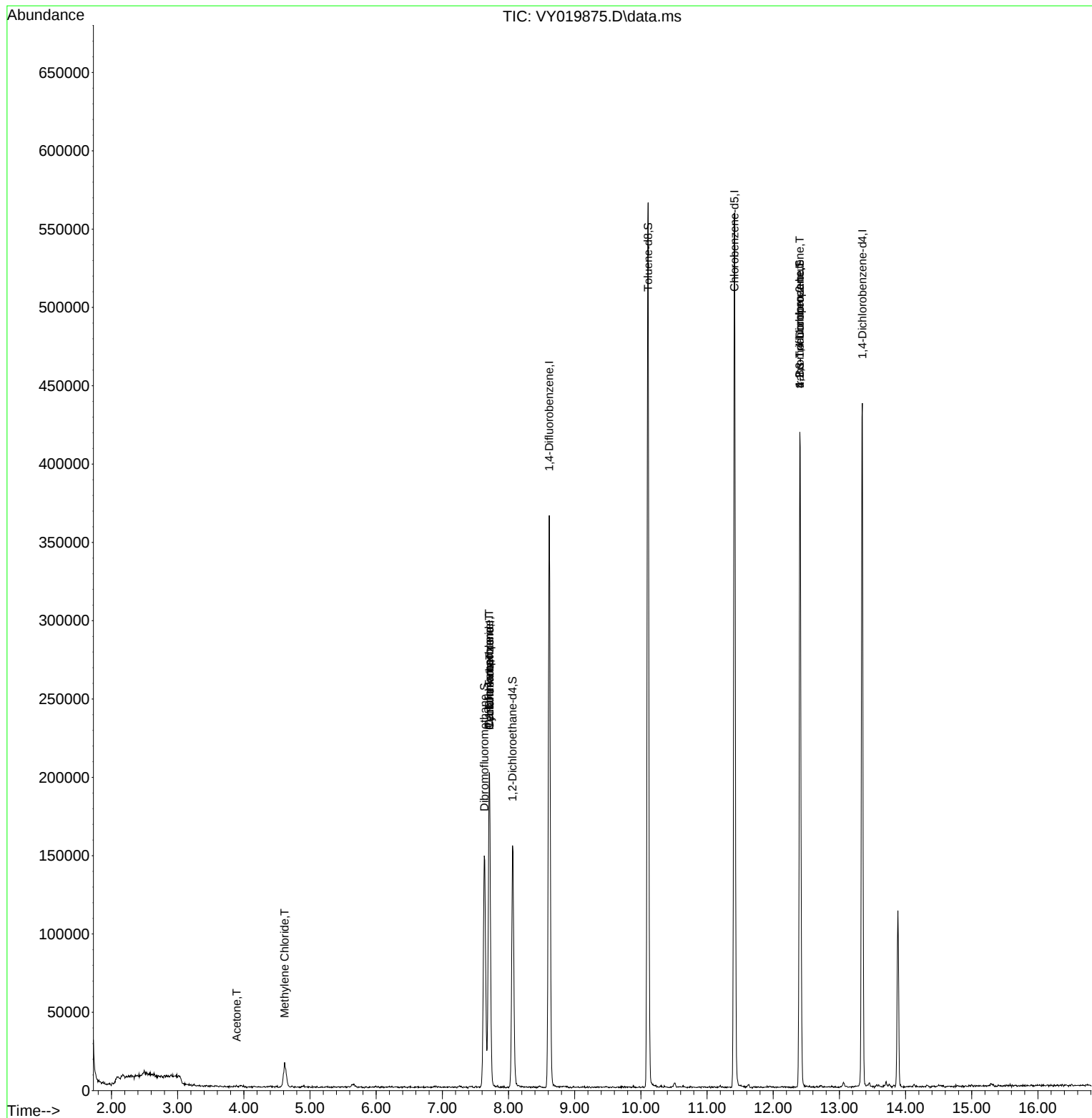
Internal Standards						
1) Pentafluorobenzene	7.713	168	142729	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	292139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	274324	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	101209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	121941	69.387	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 138.780%			
35) Dibromofluoromethane	7.634	113	104277	54.091	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.180%			
50) Toluene-d8	10.109	98	357165	50.170	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.340%			
62) 4-Bromofluorobenzene	12.402	95	119894	46.609	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 93.220%			
Target Compounds						Qvalue
16) Acetone	3.891	43	552	1.207	ug/l	# 77
20) Methylene Chloride	4.616	84	10408	5.439	ug/l	97
31) Cyclohexane	7.713	56	3861	1.315	ug/l	# 8
36) 1,1-Dichloropropene	7.707	75	14192	5.110	ug/l	# 48
38) Carbon Tetrachloride	7.707	117	15911	5.344	ug/l	# 17
76) 1,2,3-Trichloropropane	12.402	75	68162	34.379	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	68162	138.766	ug/l	# 16

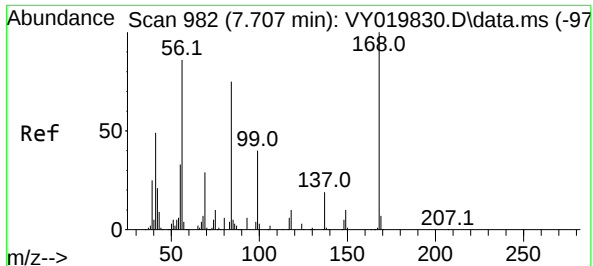
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY0101124\
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Quant Title : SW846 8260
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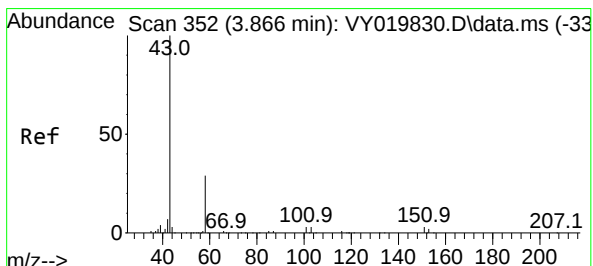
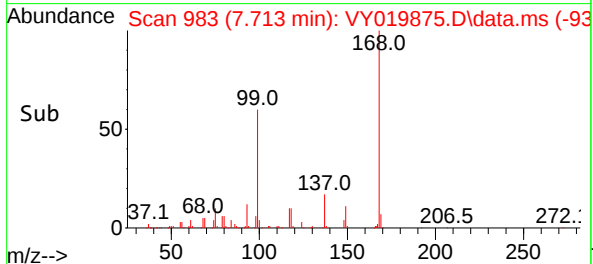
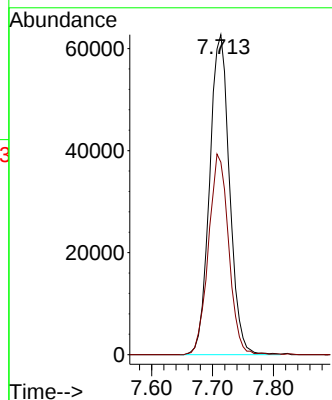
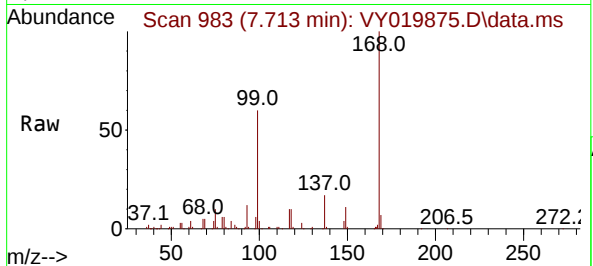




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

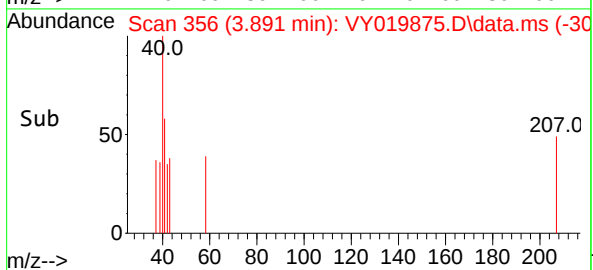
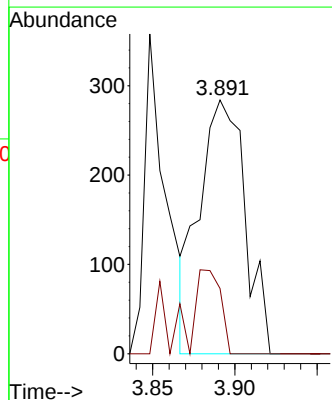
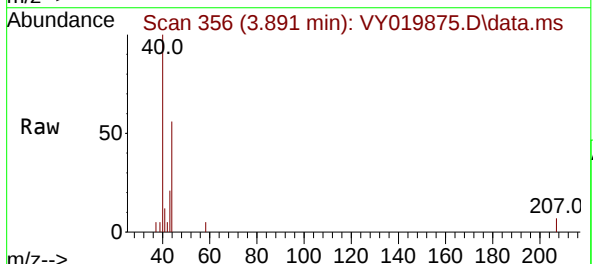
Instrument :
MSVOA_Y
ClientSampleId :

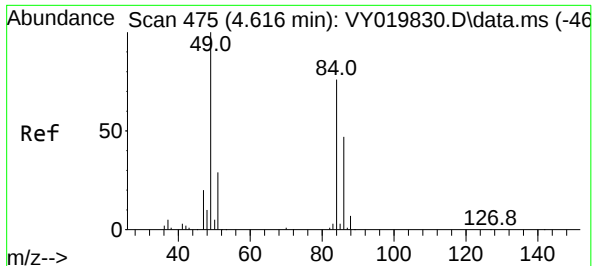
Tgt Ion:168 Resp: 142729
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#



#16
Acetone
Concen: 1.207 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.019 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

Tgt Ion: 43 Resp: 552
Ion Ratio Lower Upper
43 100
58 25.7 31.7 47.5#

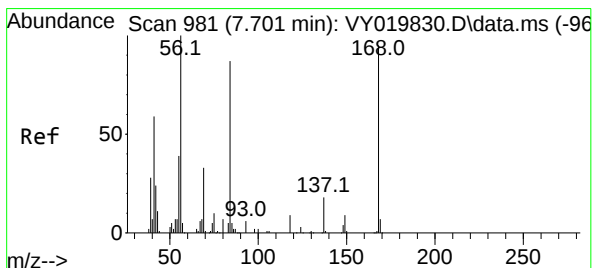
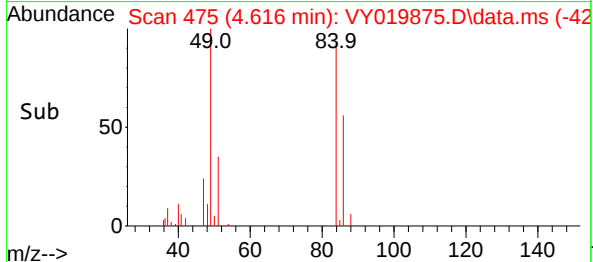
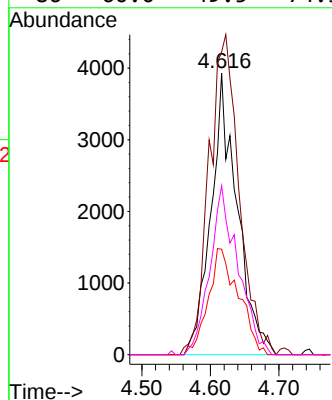
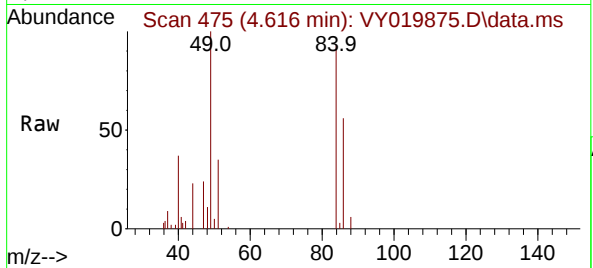




#20
Methylene Chloride
Concen: 5.439 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

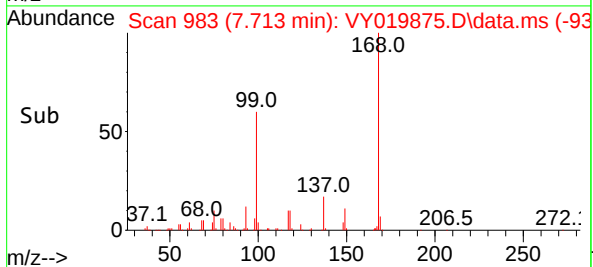
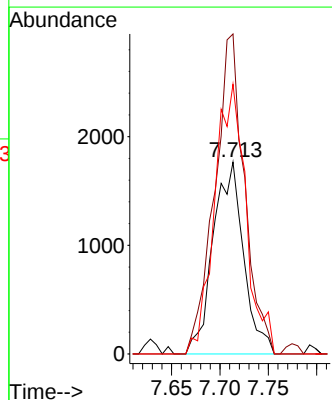
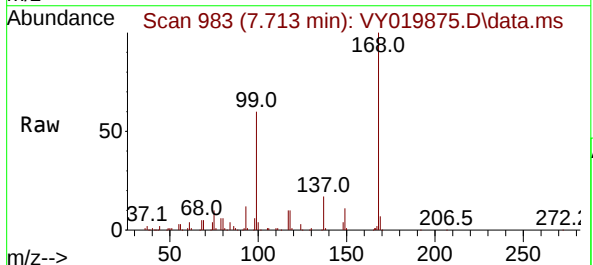
Instrument :
MSVOA_Y
ClientSampleId :

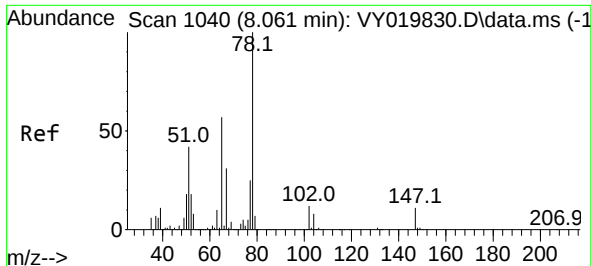
Tgt Ion:	84	Resp:	10408
Ion	Ratio	Lower	Upper
84	100		
49	107.6	84.4	126.6
51	37.5	26.0	39.0
86	60.0	49.5	74.3



#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.013 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

Tgt Ion:	56	Resp:	3861
Ion	Ratio	Lower	Upper
56	100		
69	166.9	28.7	43.1#
84	140.6	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 69.387 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019875.D

Acq: 11 Oct 2024 16:34

Instrument :

MSVOA_Y

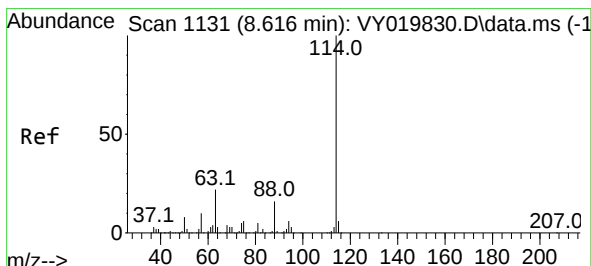
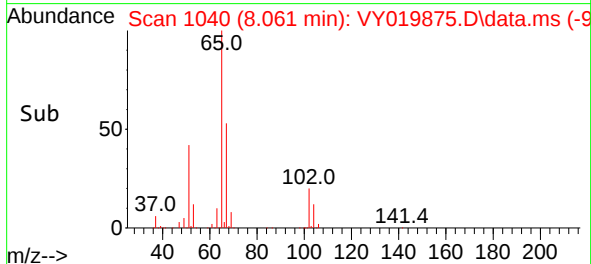
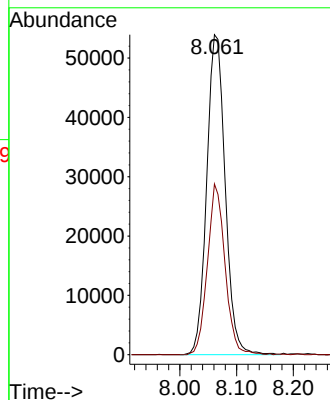
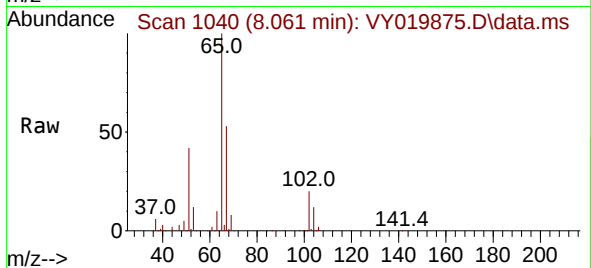
ClientSampleId :

Tgt Ion: 65 Resp: 121941

Ion Ratio Lower Upper

65 100

67 50.9 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: VY019875.D

Acq: 11 Oct 2024 16:34

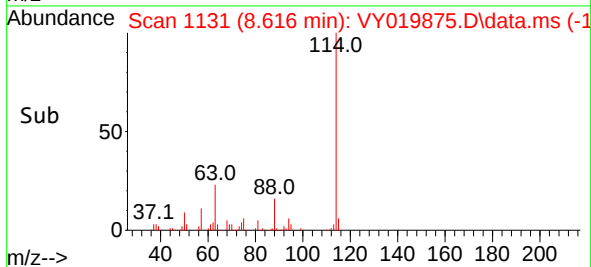
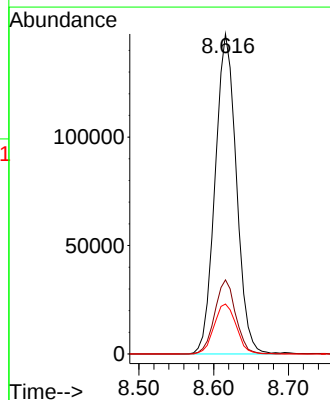
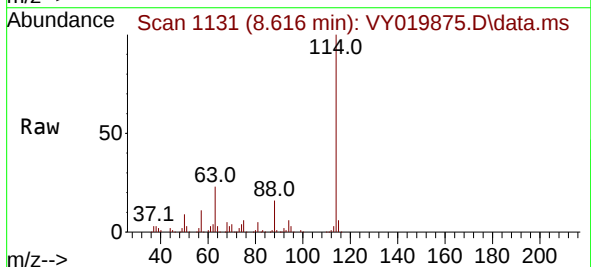
Tgt Ion: 114 Resp: 292139

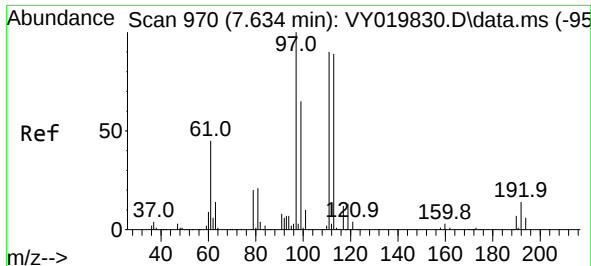
Ion Ratio Lower Upper

114 100

63 23.2 0.0 35.0

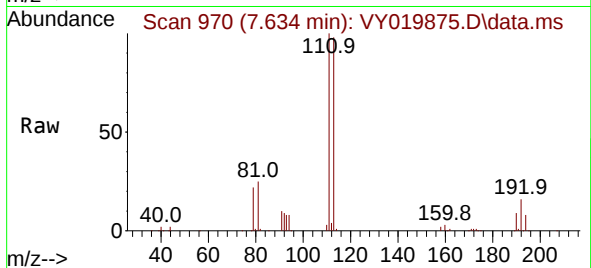
88 15.6 0.0 27.2



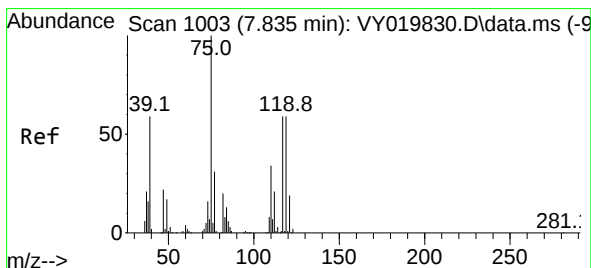
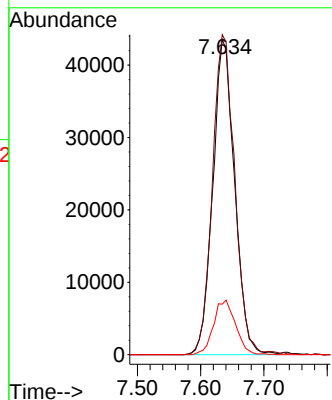
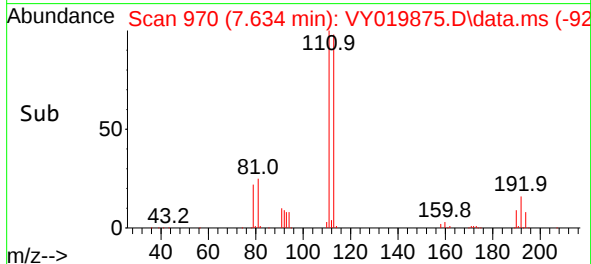


#35
Dibromofluoromethane
Concen: 54.091 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

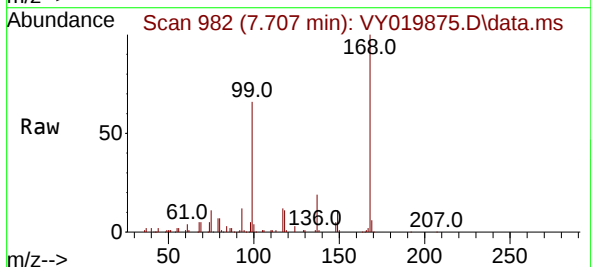
Instrument :
MSVOA_Y
ClientSampleId :



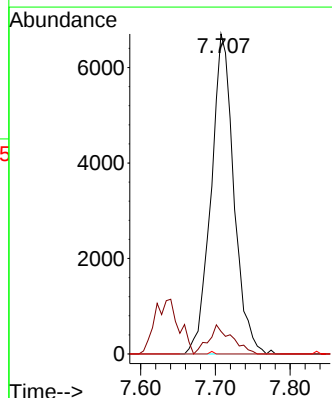
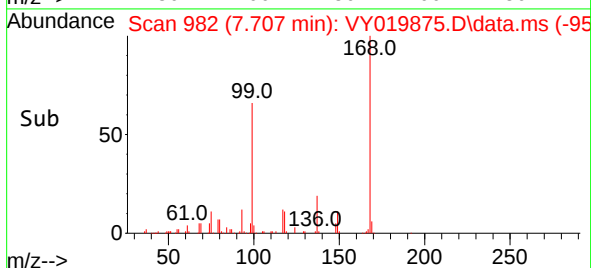
Tgt Ion:113 Resp: 104277
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 17.5 15.9 23.9

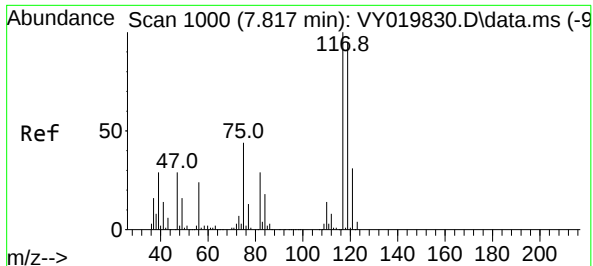


#36
1,1-Dichloropropene
Concen: 5.110 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34



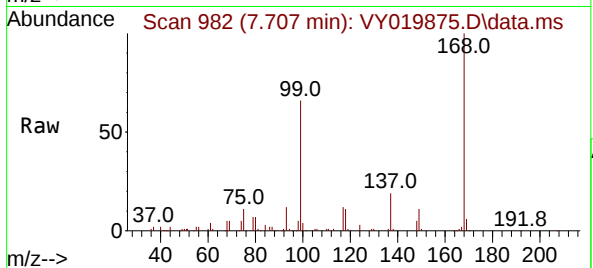
Tgt Ion: 75 Resp: 14192
Ion Ratio Lower Upper
75 100
110 9.2 19.0 57.0#
77 0.1 25.3 37.9#



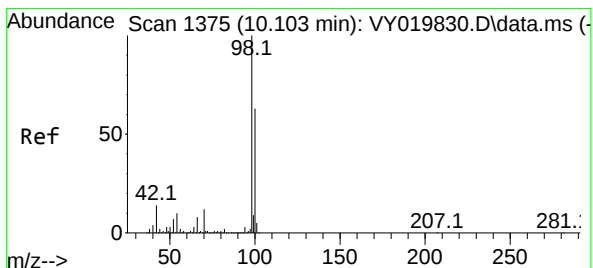
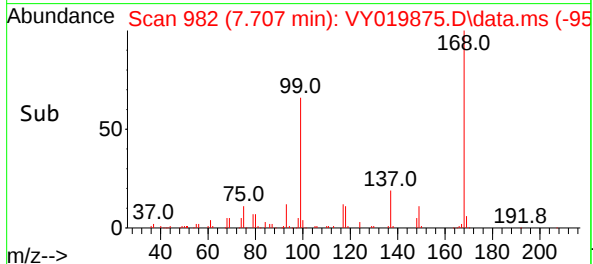
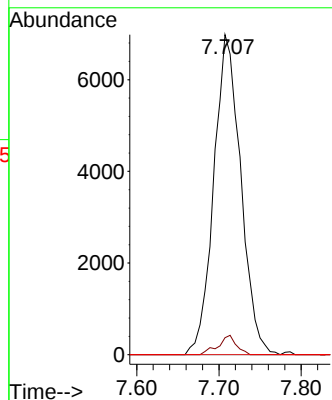


#38
Carbon Tetrachloride
Concen: 5.344 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

Instrument :
MSVOA_Y
ClientSampleId :

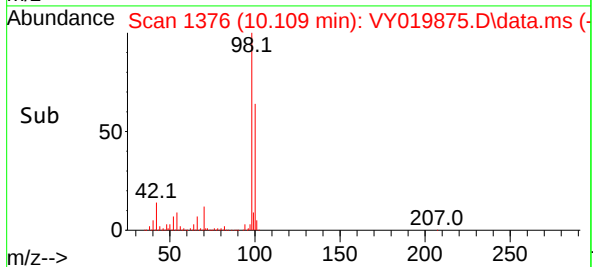
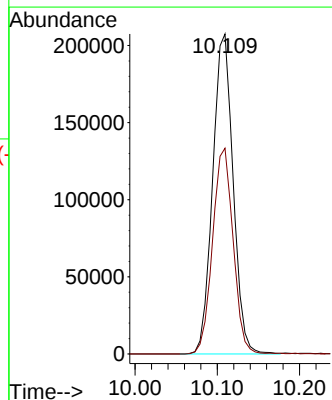
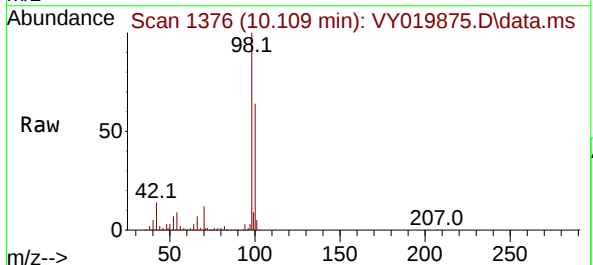


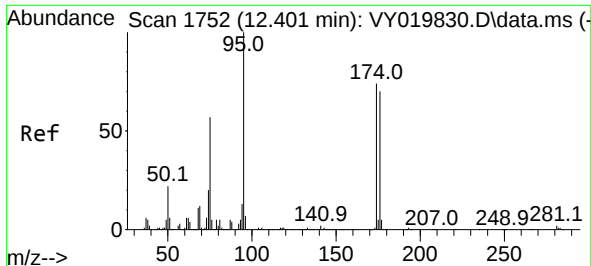
Tgt Ion:117 Resp: 15911
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.170 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

Tgt Ion: 98 Resp: 357165
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

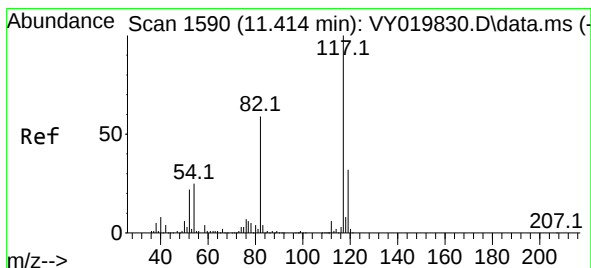
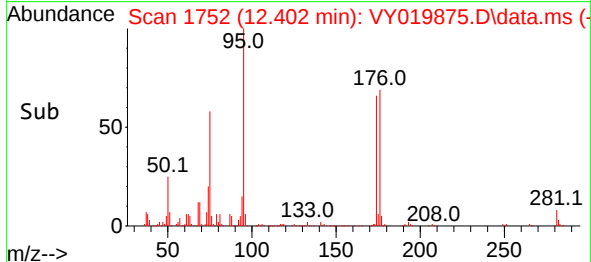
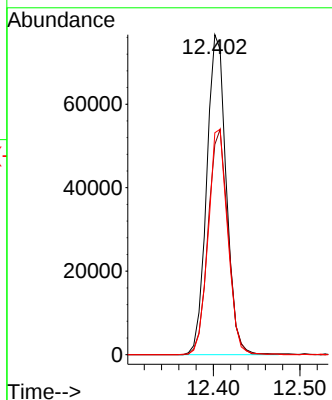
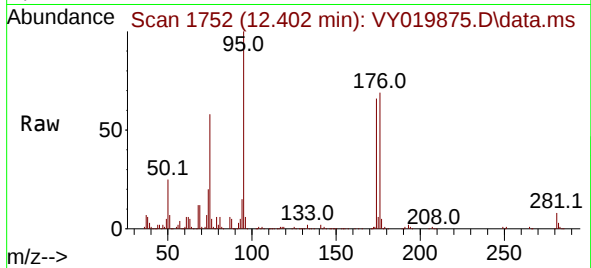




#62
4-Bromofluorobenzene
Concen: 46.609 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

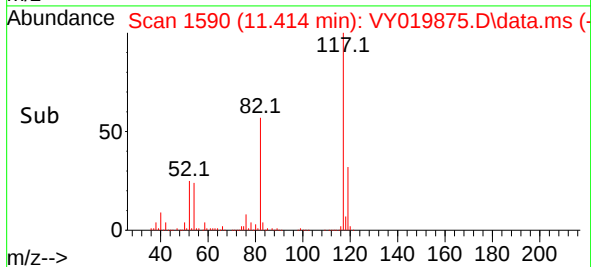
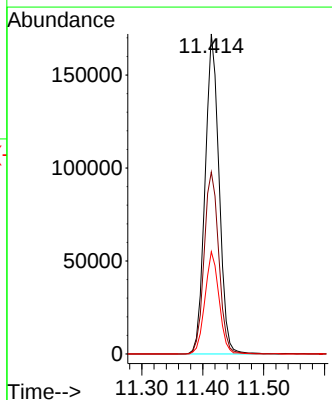
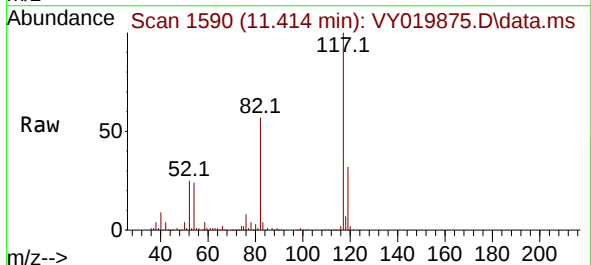
Instrument :
MSVOA_Y
ClientSampleId :

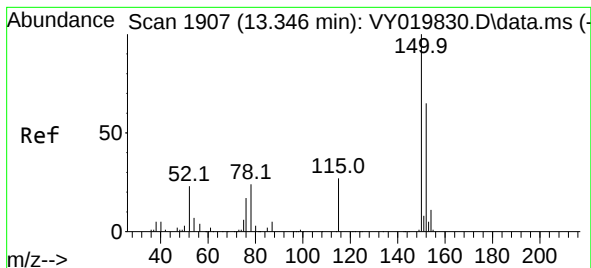
Tgt Ion: 95 Resp: 119894
Ion Ratio Lower Upper
95 100
174 71.7 0.0 175.6
176 70.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019875.D
Acq: 11 Oct 2024 16:34

Tgt Ion: 117 Resp: 274324
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 31.9 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: VY019875.D

Acq: 11 Oct 2024 16:34

Instrument :

MSVOA_Y

ClientSampleId :

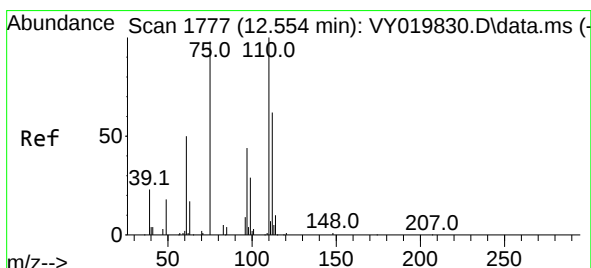
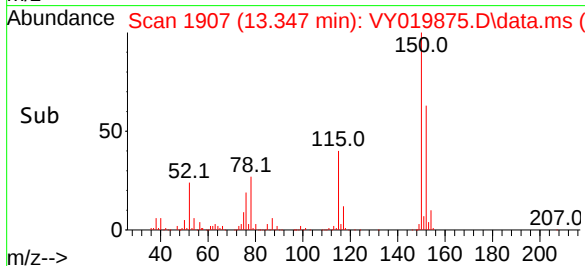
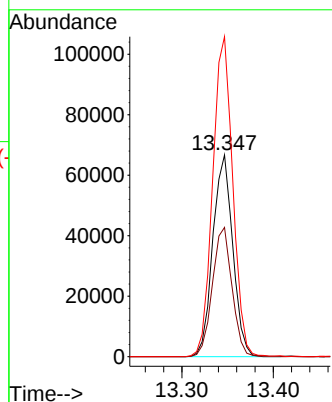
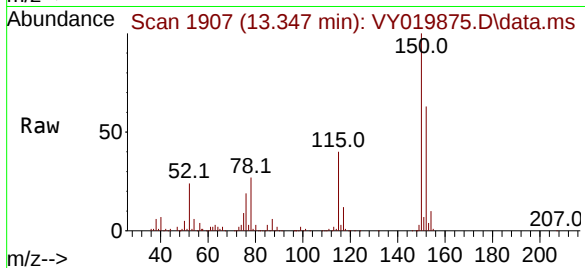
Tgt Ion:152 Resp: 101209

Ion Ratio Lower Upper

152 100

115 62.9 28.2 84.7

150 159.3 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 34.379 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019875.D

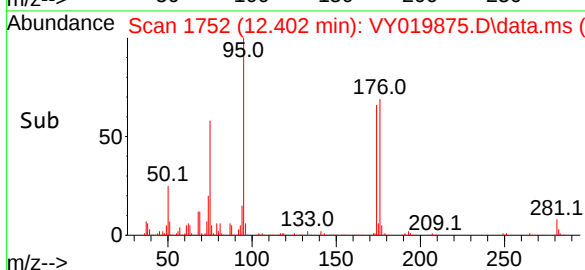
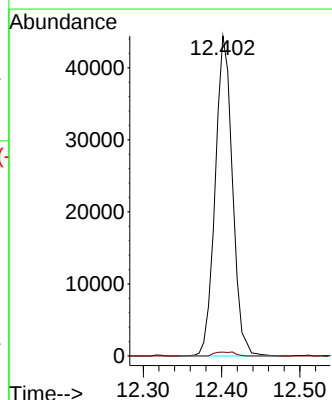
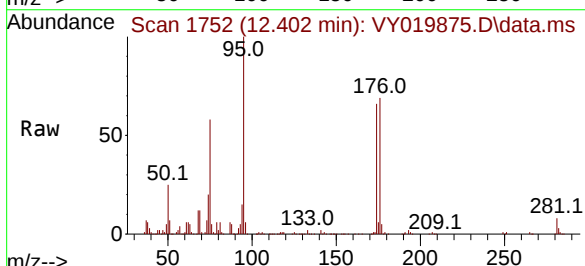
Acq: 11 Oct 2024 16:34

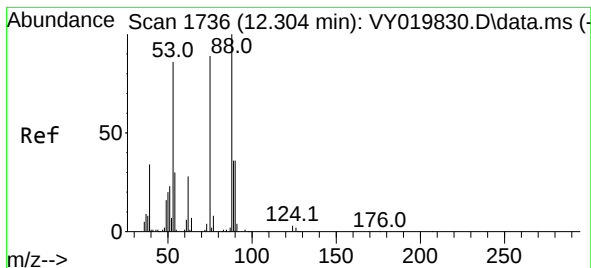
Tgt Ion: 75 Resp: 68162

Ion Ratio Lower Upper

75 100

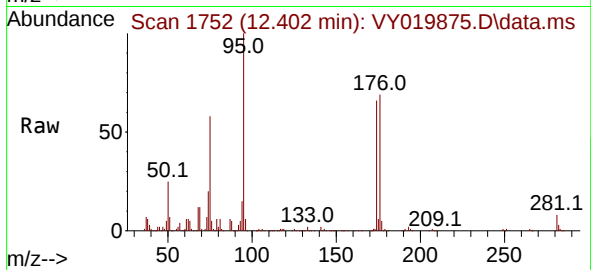
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 138.766 ug/l
 RT: 12.402 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019875.D
 Acq: 11 Oct 2024 16:34

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 68162
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.3 35.8 53.6#

