

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019879.D
 Acq On : 11 Oct 2024 18:08
 Operator : SY/MD
 Sample : P4385-19
 Misc : 5.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:50:56 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)

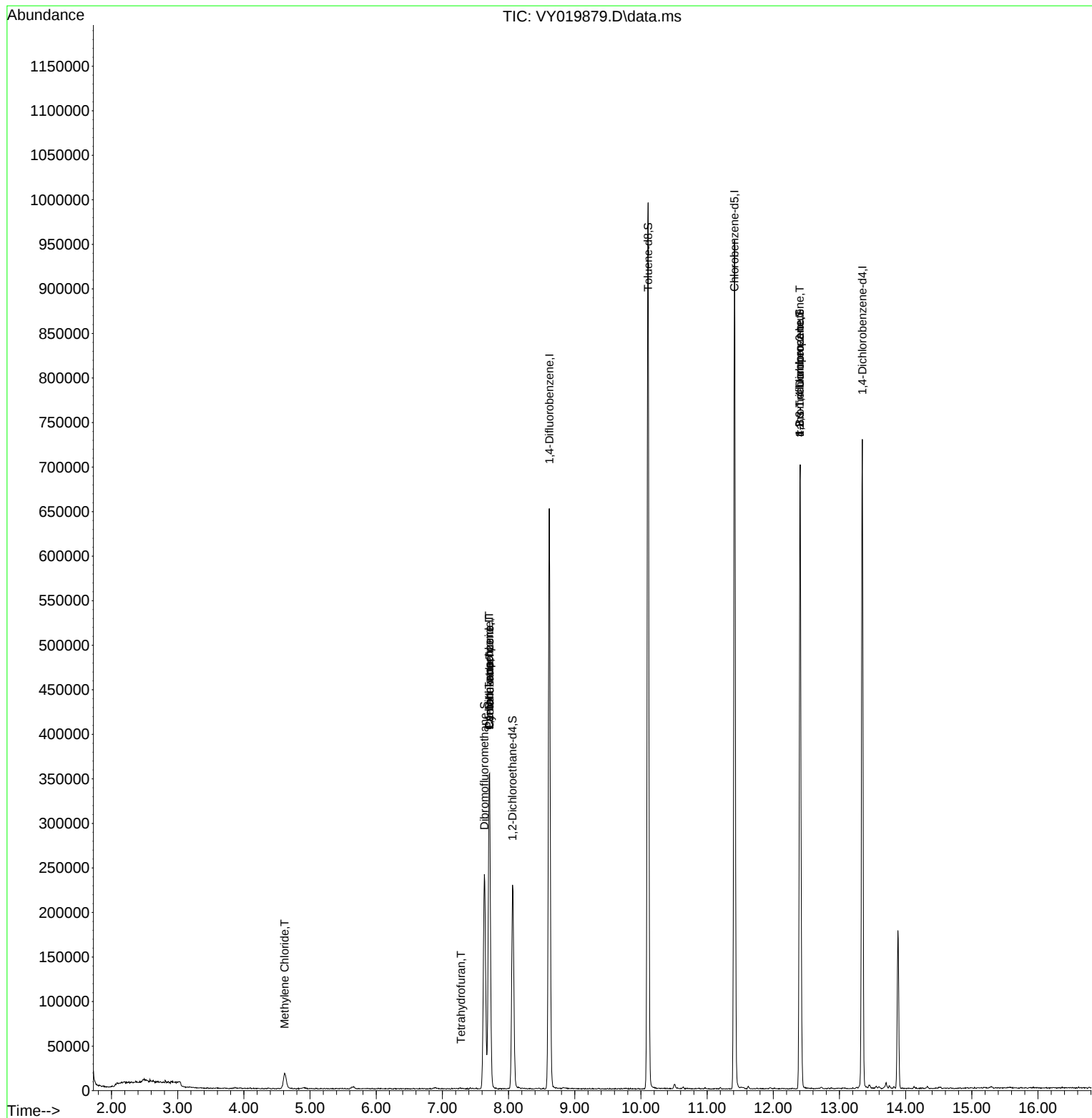
Internal Standards						
1) Pentafluorobenzene	7.713	168	251214	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	513613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	467887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	170163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	183501	59.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.640%	
35) Dibromofluoromethane	7.634	113	170527	50.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.620%	
50) Toluene-d8	10.109	98	631729	50.473	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	12.401	95	196785	43.513	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.020%	
Target Compounds						
						Qvalue
20) Methylene Chloride	4.616	84	11947	3.262	ug/l	# 76
29) Tetrahydrofuran	7.280	42	810	1.316	ug/l	# 48
31) Cyclohexane	7.713	56	7515	1.454	ug/l	# 51
36) 1,1-Dichloropropene	7.707	75	23570	4.827	ug/l	# 50
38) Carbon Tetrachloride	7.707	117	28864	5.514	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	115191	34.556	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	115191	139.480	ug/l	# 16

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

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QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

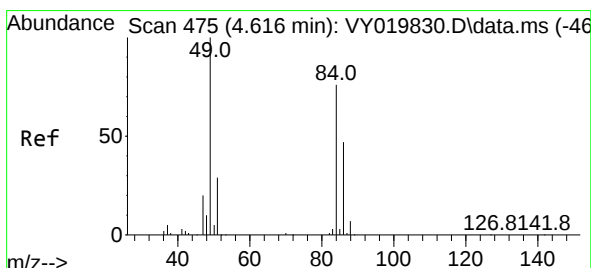
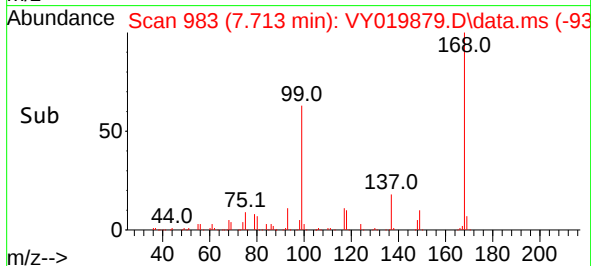
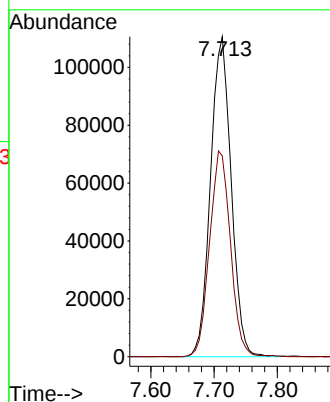
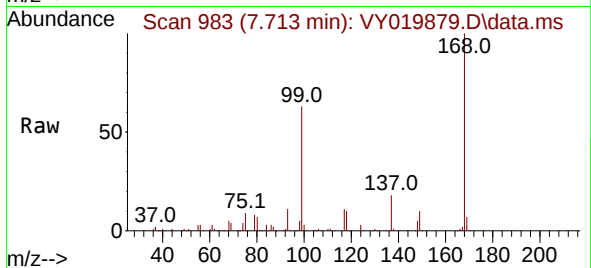




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019879.D
Acq: 11 Oct 2024 18:08

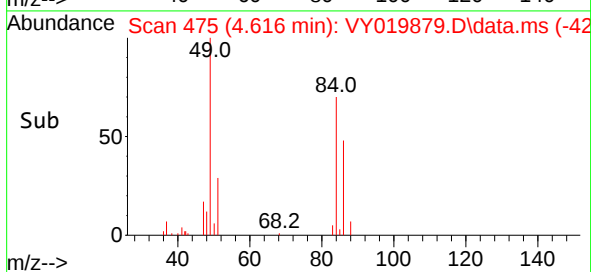
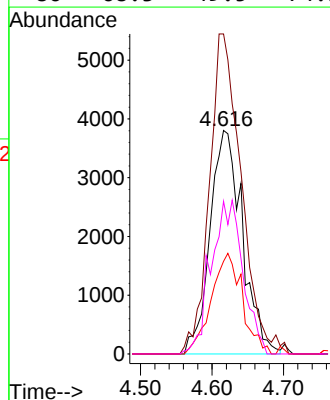
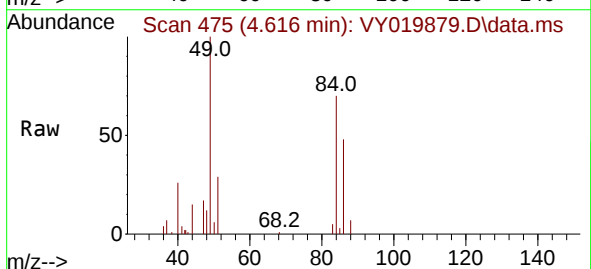
Instrument :
MSVOA_Y
ClientSampleId :

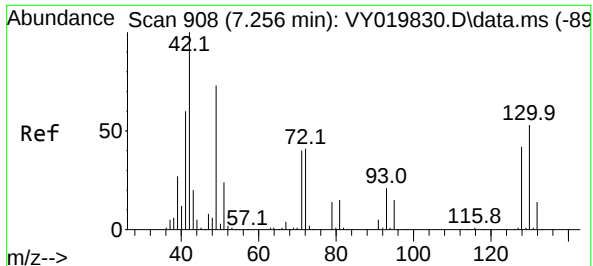
Tgt Ion:168 Resp: 251214
Ion Ratio Lower Upper
168 100
99 62.7 39.1 58.7#



#20
Methylene Chloride
Concen: 3.262 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019879.D
Acq: 11 Oct 2024 18:08

Tgt Ion: 84 Resp: 11947
Ion Ratio Lower Upper
84 100
49 143.2 84.4 126.6#
51 41.5 26.0 39.0#
86 68.3 49.5 74.3





#29

Tetrahydrofuran

Concen: 1.316 ug/l

RT: 7.280 min Scan# 912

Delta R.T. 0.018 min

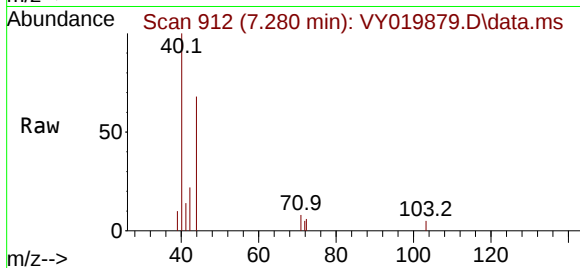
Lab File: VY019879.D

Acq: 11 Oct 2024 18:08

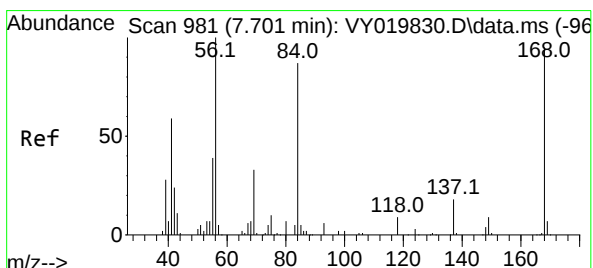
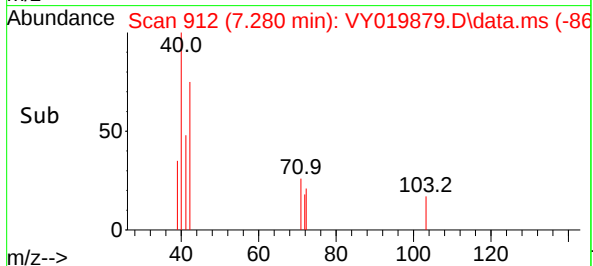
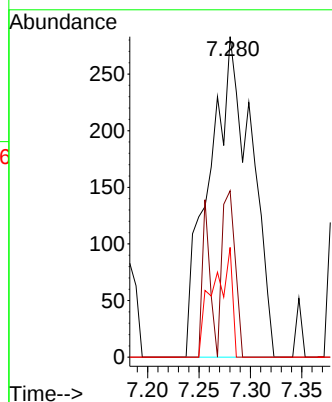
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	810
Ion	Ratio	Lower	Upper
42	100		
72	16.0	43.0	64.4#
71	15.3	40.8	61.2#



#31

Cyclohexane

Concen: 1.454 ug/l

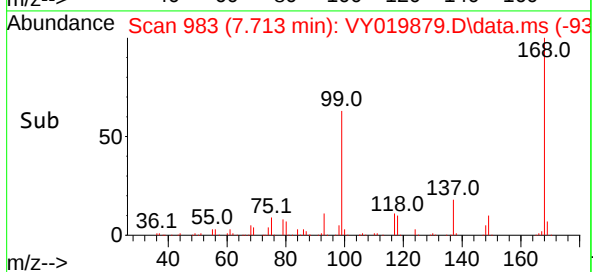
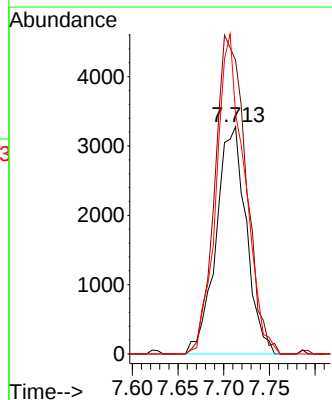
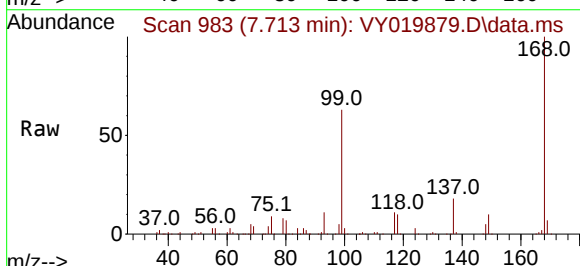
RT: 7.713 min Scan# 983

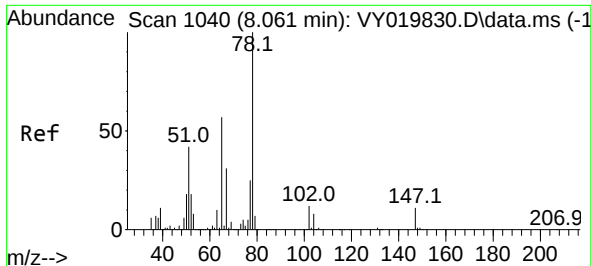
Delta R.T. 0.012 min

Lab File: VY019879.D

Acq: 11 Oct 2024 18:08

Tgt Ion:	56	Resp:	7515
Ion	Ratio	Lower	Upper
56	100		
69	129.4	28.7	43.1#
84	105.5	77.7	116.5

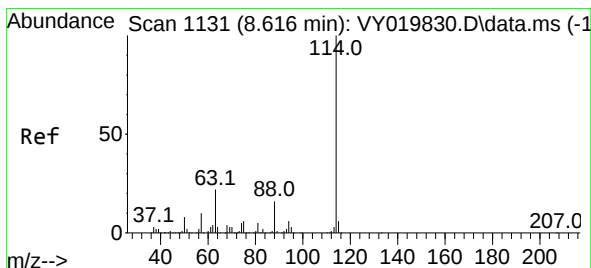
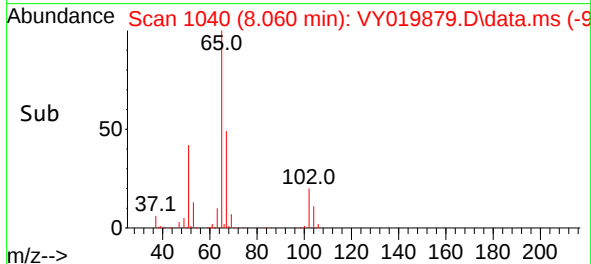
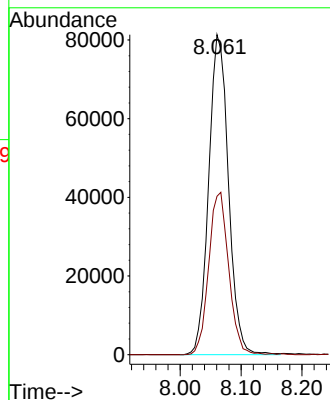
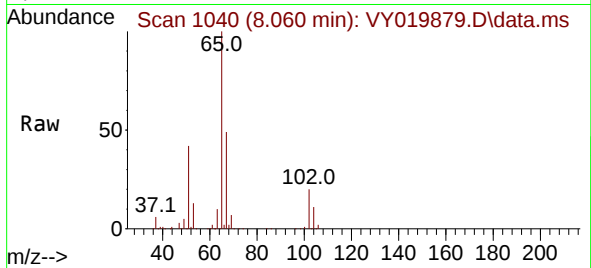




#33
 1,2-Dichloroethane-d4
 Concen: 59.324 ug/l
 RT: 8.060 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY019879.D
 Acq: 11 Oct 2024 18:08

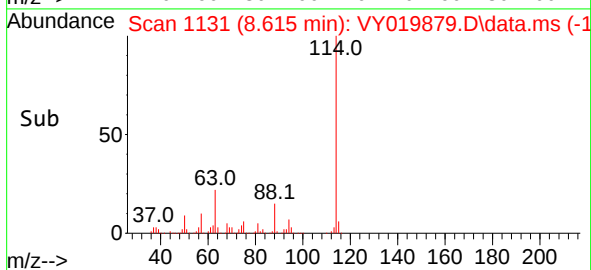
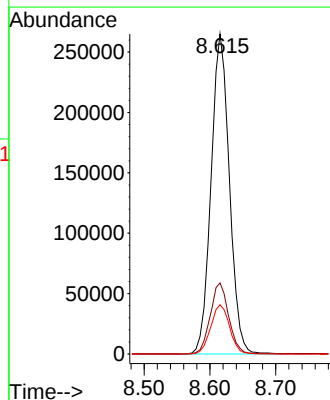
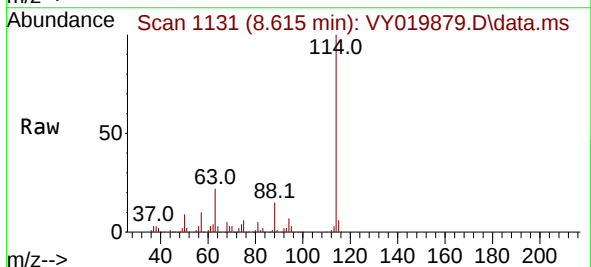
Instrument :
 MSVOA_Y
 ClientSampleId :

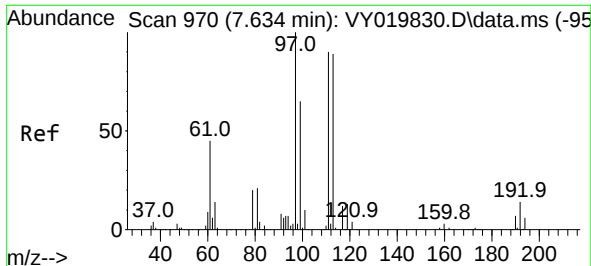
Tgt Ion: 65 Resp: 183501
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.615 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019879.D
 Acq: 11 Oct 2024 18:08

Tgt Ion: 114 Resp: 513613
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.0
 88 15.4 0.0 27.2

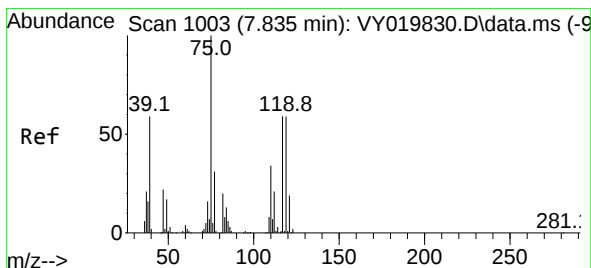
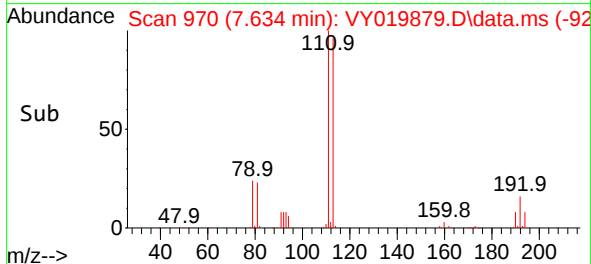
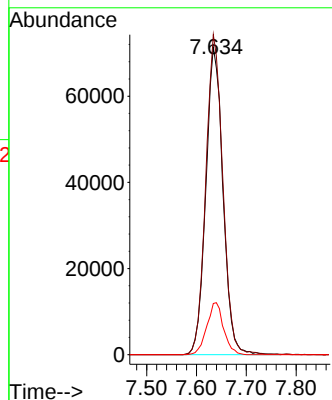
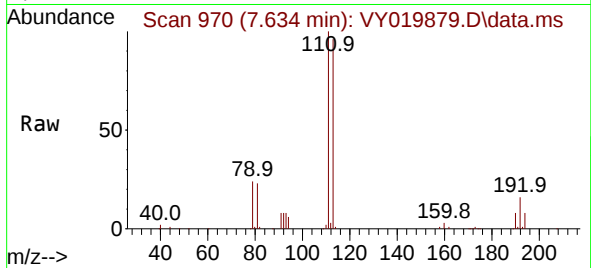




#35
Dibromofluoromethane
Concen: 50.314 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019879.D
Acq: 11 Oct 2024 18:08

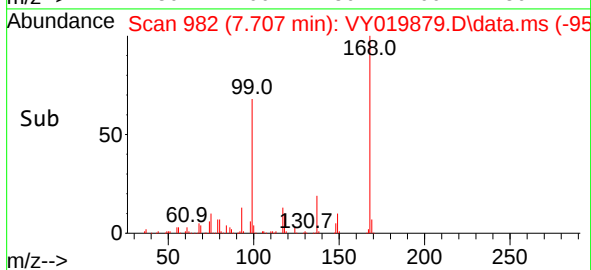
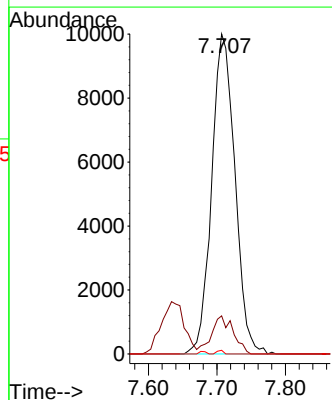
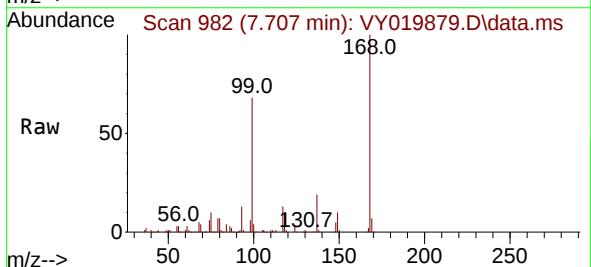
Instrument :
MSVOA_Y
ClientSampleId :

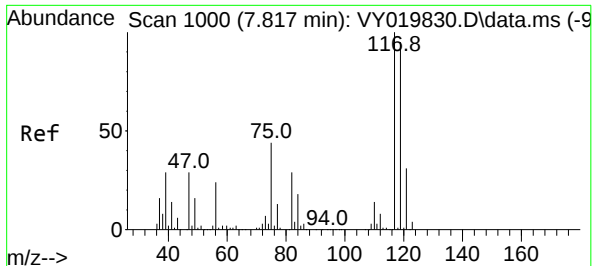
Tgt Ion:113 Resp: 170527
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 16.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.827 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019879.D
Acq: 11 Oct 2024 18:08

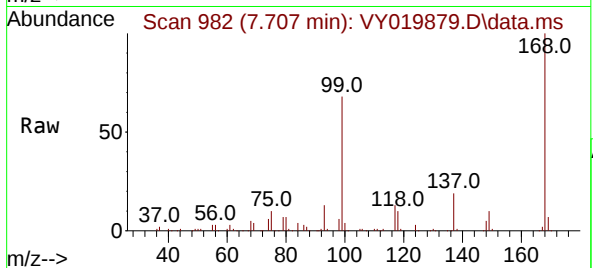
Tgt Ion: 75 Resp: 23570
Ion Ratio Lower Upper
75 100
110 11.2 19.0 57.0#
77 0.3 25.3 37.9#



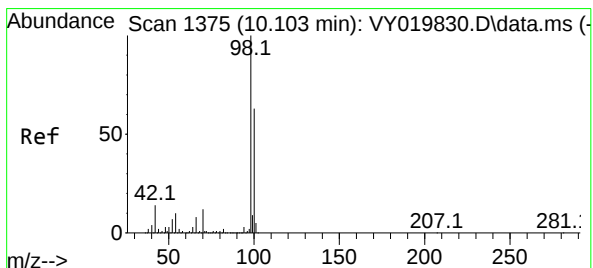
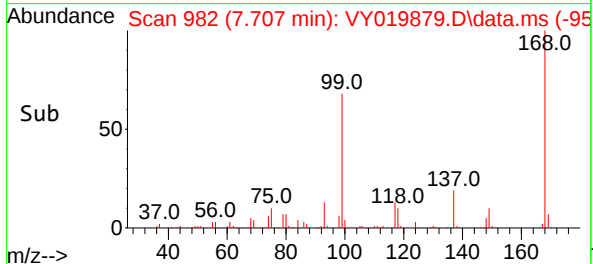
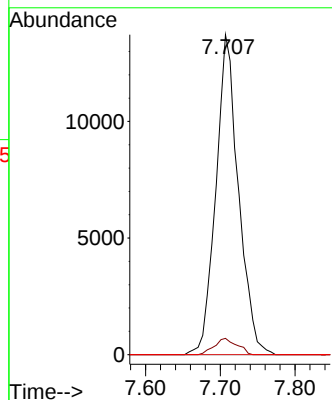


#38
Carbon Tetrachloride
Concen: 5.514 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019879.D
Acq: 11 Oct 2024 18:08

Instrument :
MSVOA_Y
ClientSampleId :

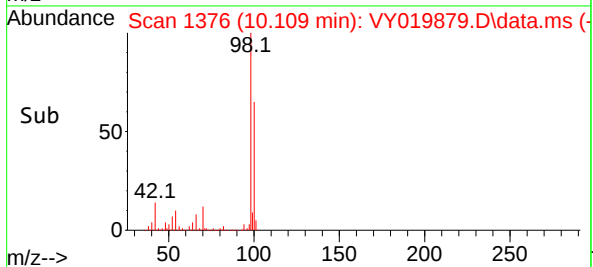
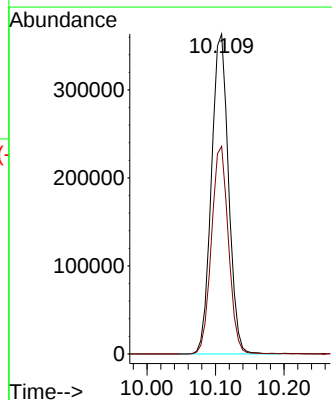
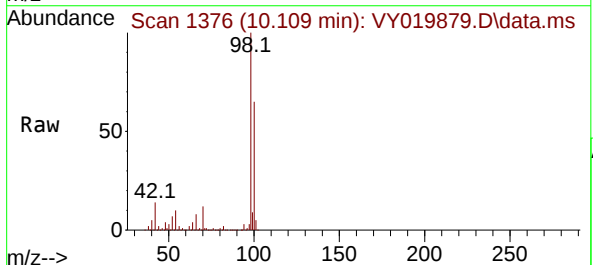


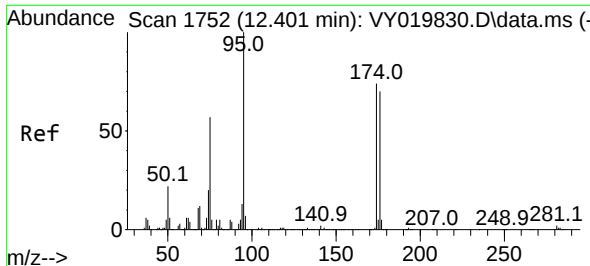
Tgt Ion:117 Resp: 28864
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.473 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019879.D
Acq: 11 Oct 2024 18:08

Tgt Ion: 98 Resp: 631729
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

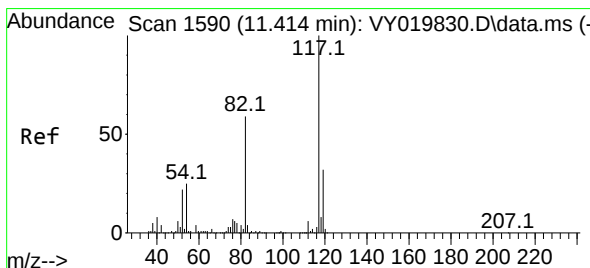
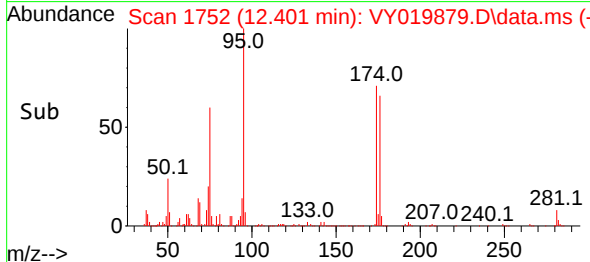
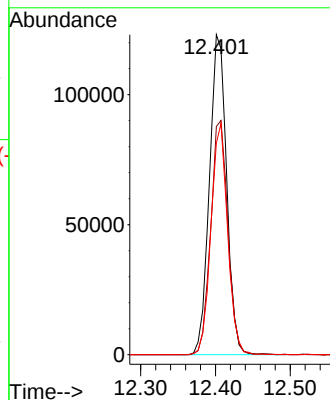
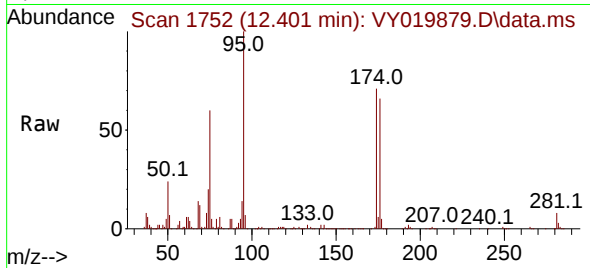




#62
4-Bromofluorobenzene
Concen: 43.513 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019879.D
Acq: 11 Oct 2024 18:08

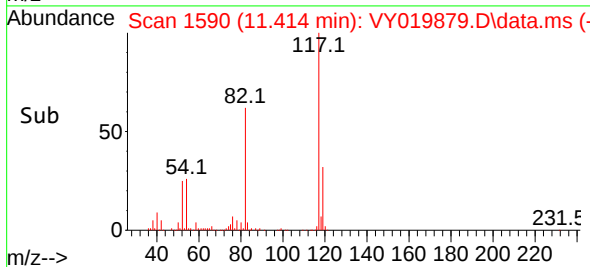
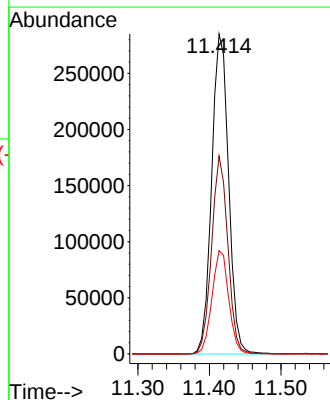
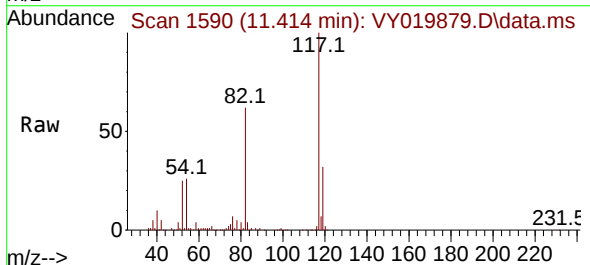
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MSVOA_Y
ClientSampleId :

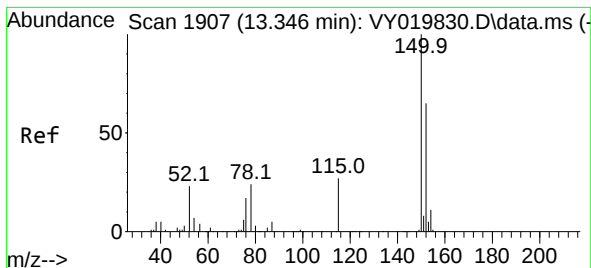
Tgt Ion: 95 Resp: 196785
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 70.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019879.D
Acq: 11 Oct 2024 18:08

Tgt Ion: 117 Resp: 467887
Ion Ratio Lower Upper
117 100
82 61.8 42.4 63.6
119 32.3 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: VY019879.D

Acq: 11 Oct 2024 18:08

Instrument :

MSVOA_Y

ClientSampleId :

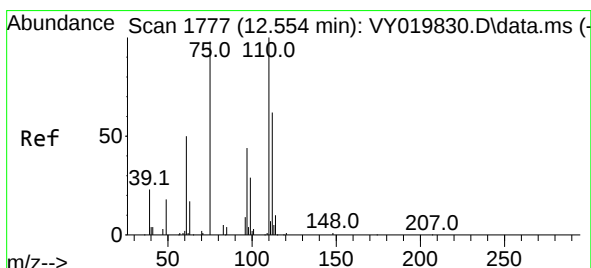
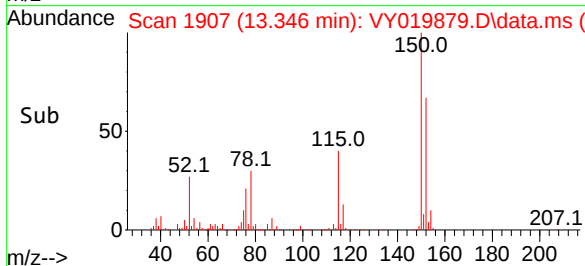
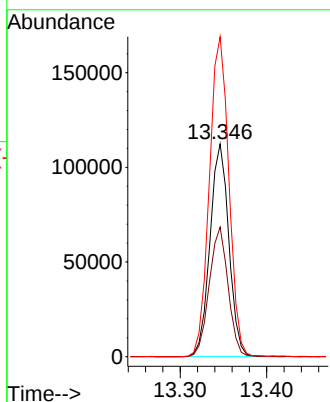
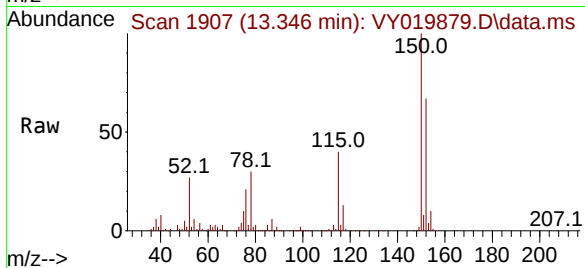
Tgt Ion:152 Resp: 170163

Ion Ratio Lower Upper

152 100

115 60.8 28.2 84.7

150 155.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 34.556 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.159 min

Lab File: VY019879.D

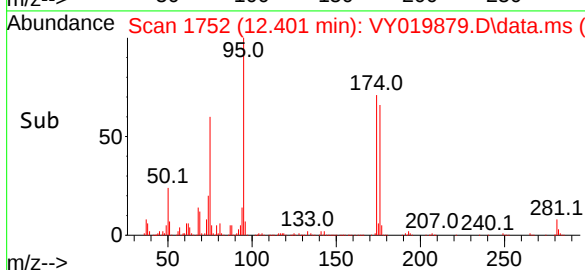
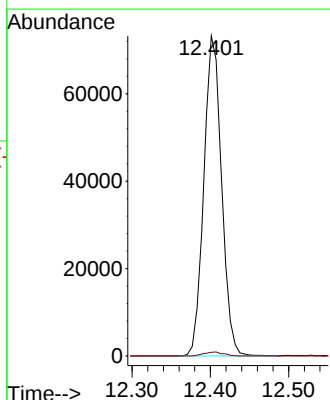
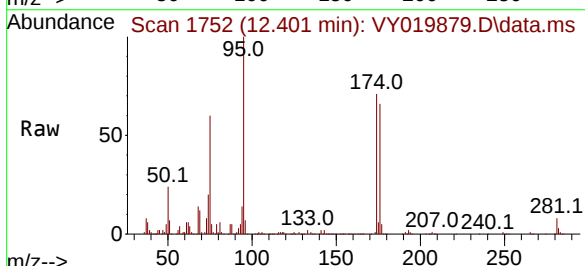
Acq: 11 Oct 2024 18:08

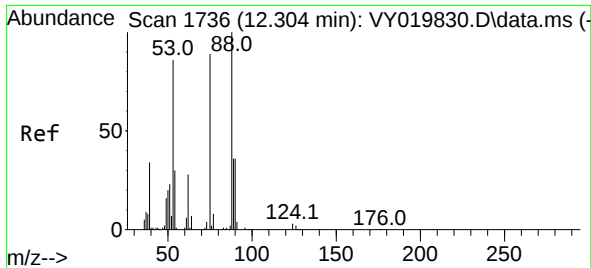
Tgt Ion: 75 Resp: 115191

Ion Ratio Lower Upper

75 100

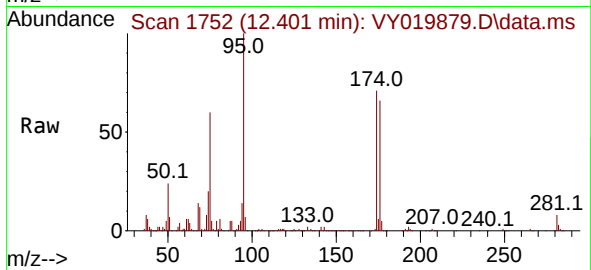
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.480 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY019879.D
 Acq: 11 Oct 2024 18:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 115191
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.3 35.8 53.6#

