

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020061.D
 Acq On : 29 Oct 2024 15:12
 Operator : SY/MD
 Sample : P4597-04
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:25:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

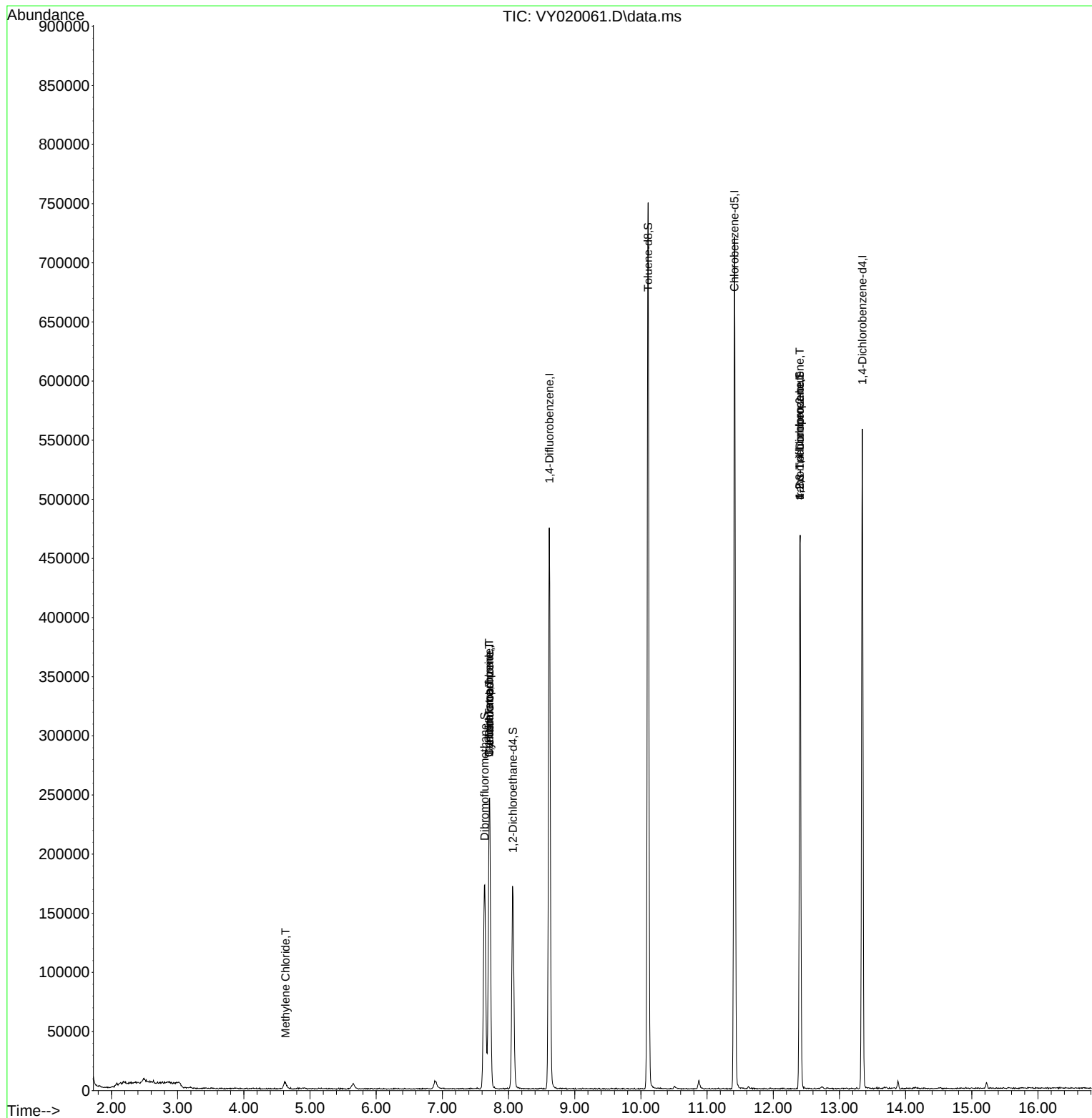
Internal Standards						
1) Pentafluorobenzene	7.713	168	174360	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	371140	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	342691	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	122674	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	128260	59.742	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 119.480%		
35) Dibromofluoromethane	7.640	113	121981	49.806	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 99.620%		
50) Toluene-d8	10.109	98	460566	50.924	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 101.840%		
62) 4-Bromofluorobenzene	12.401	95	141473	43.291	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery	= 86.580%		
Target Compounds						
11) Tert butyl alcohol	4.848	59	408	Below Cal	#	88
20) Methylene Chloride	4.628	84	3761	1.032	ug/l #	82
31) Cyclohexane	7.707	56	5181	1.444	ug/l #	42
36) 1,1-Dichloropropene	7.707	75	18413	5.219	ug/l #	48
38) Carbon Tetrachloride	7.707	117	20522	5.425	ug/l #	17
76) 1,2,3-Trichloropropane	12.401	75	81361	33.856	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	81361	136.654	ug/l #	16

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

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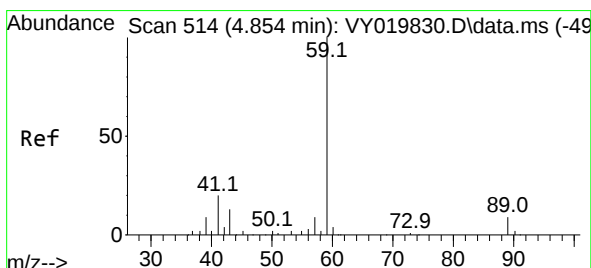
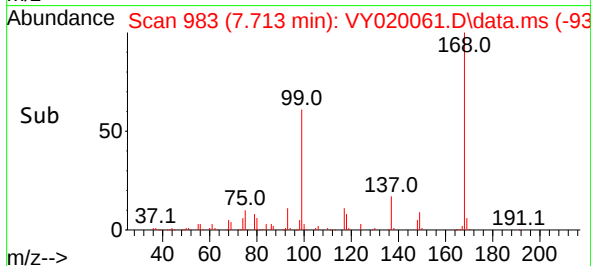
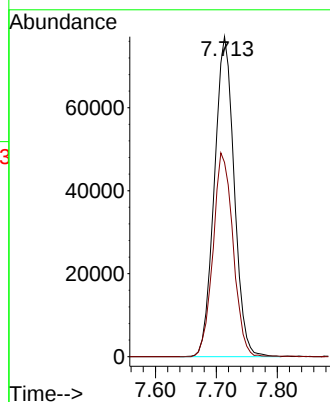
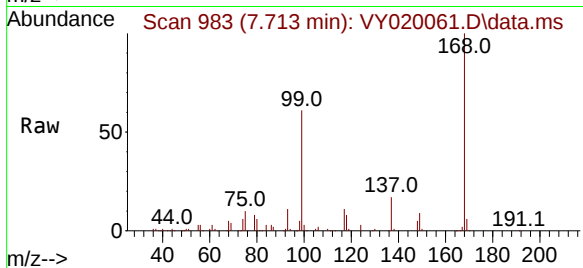




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

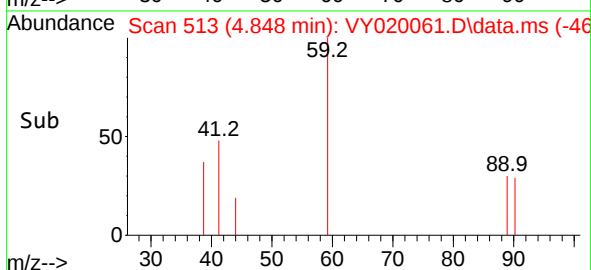
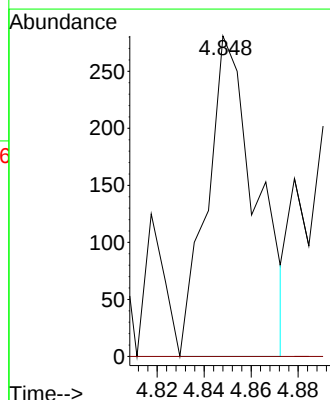
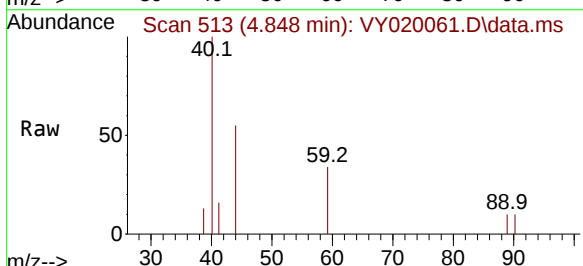
Instrument :
MSVOA_Y
ClientSampleId :

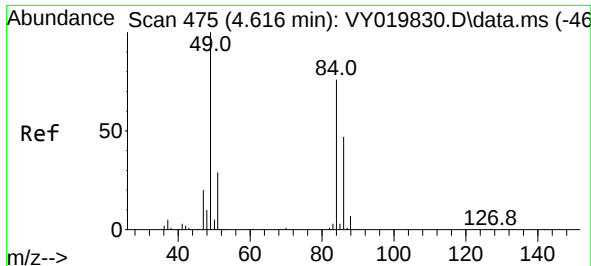
Tgt Ion:168 Resp: 174360
Ion Ratio Lower Upper
168 100
99 60.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

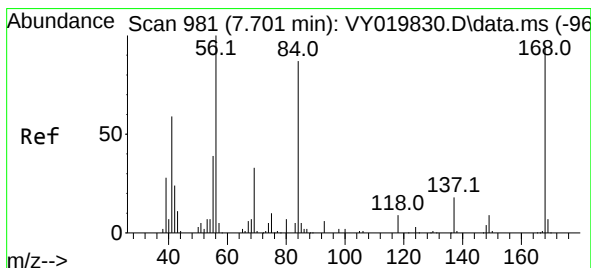
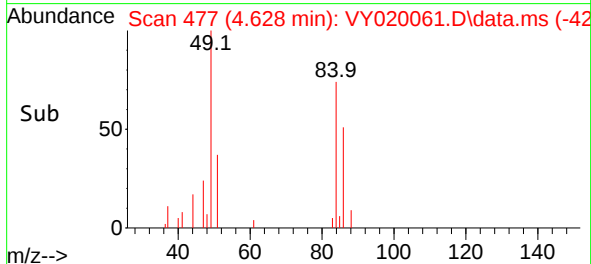
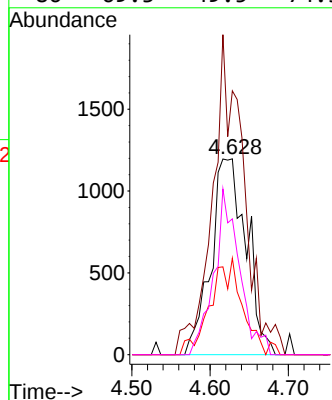
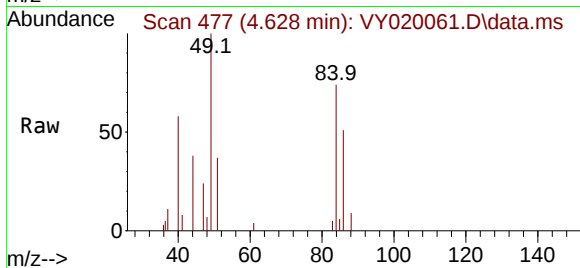




#20
Methylene Chloride
Concen: 1.032 ug/l
RT: 4.628 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

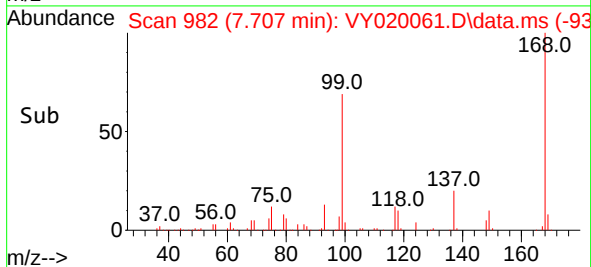
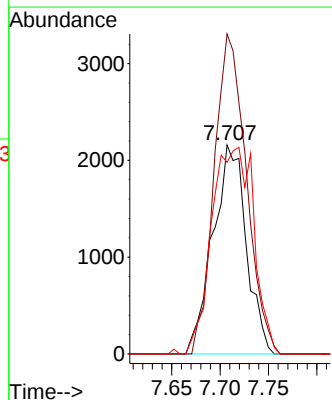
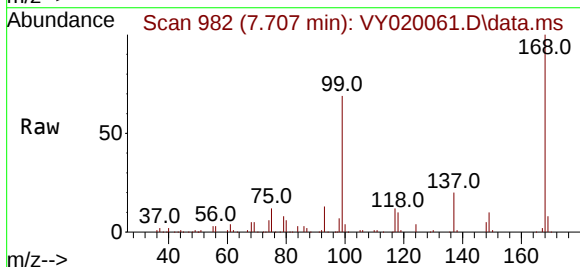
Instrument :
MSVOA_Y
ClientSampleId :

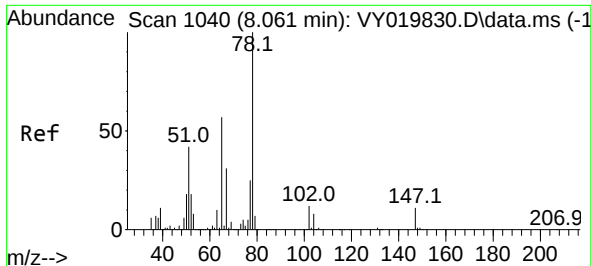
Tgt Ion:	84	Resp:	3761
Ion	Ratio	Lower	Upper
84	100		
49	125.7	84.4	126.6
51	49.3	26.0	39.0#
86	69.3	49.5	74.3



#31
Cyclohexane
Concen: 1.444 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

Tgt Ion:	56	Resp:	5181
Ion	Ratio	Lower	Upper
56	100		
69	153.2	28.7	43.1#
84	91.7	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 59.742 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.006 min

Lab File: VY020061.D

Acq: 29 Oct 2024 15:12

Instrument :

MSVOA_Y

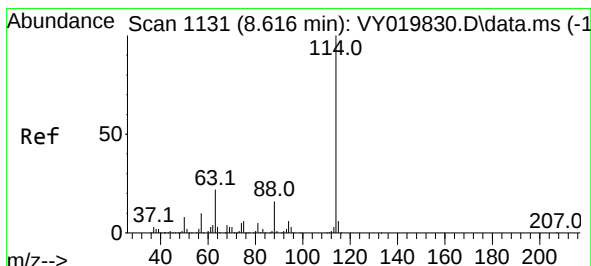
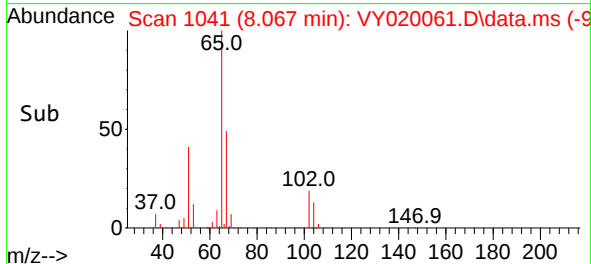
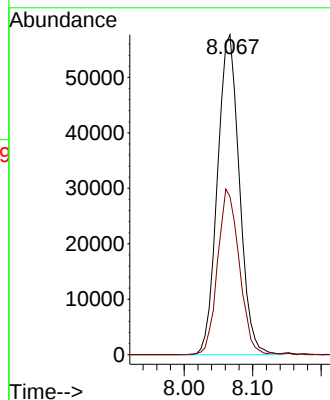
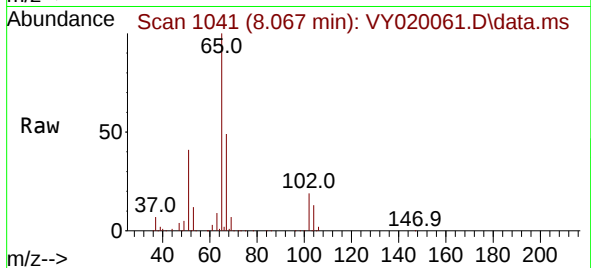
ClientSampleId :

Tgt Ion: 65 Resp: 128260

Ion Ratio Lower Upper

65 100

67 51.1 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: VY020061.D

Acq: 29 Oct 2024 15:12

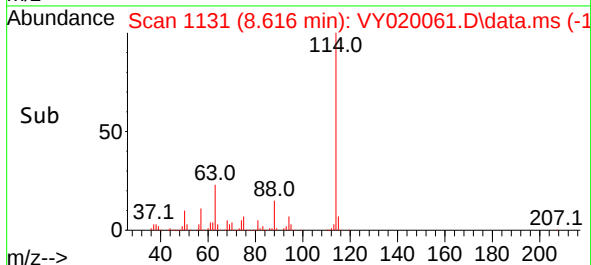
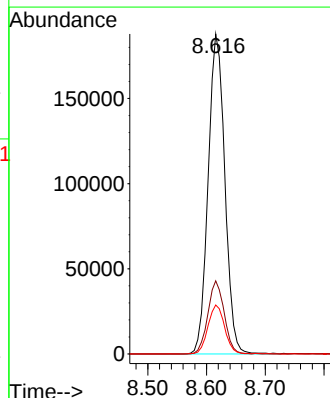
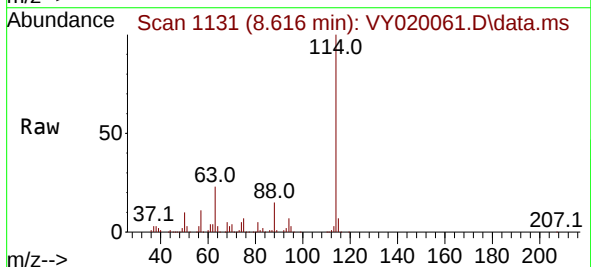
Tgt Ion: 114 Resp: 371140

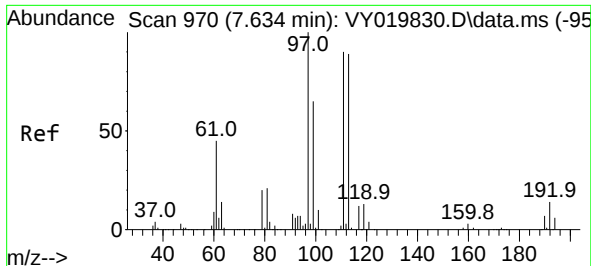
Ion Ratio Lower Upper

114 100

63 22.8 0.0 35.0

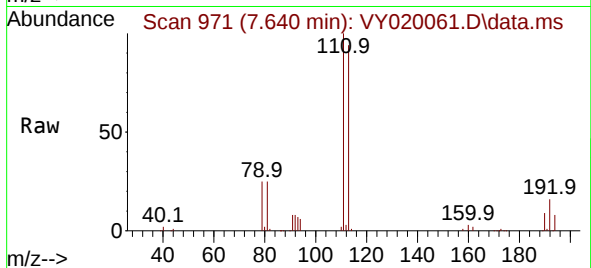
88 15.3 0.0 27.2



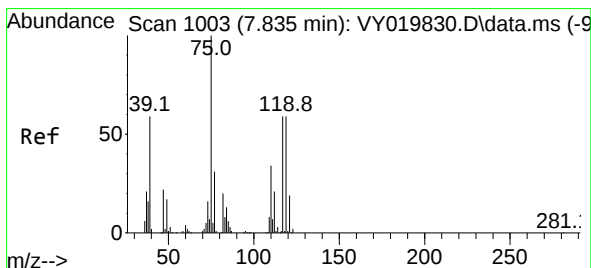
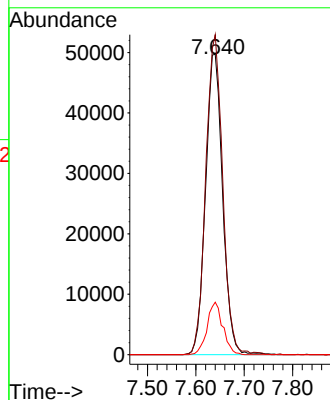
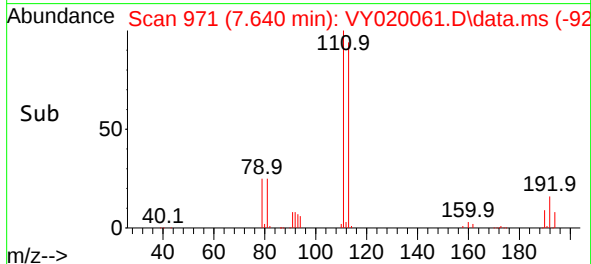


#35
Dibromofluoromethane
Concen: 49.806 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

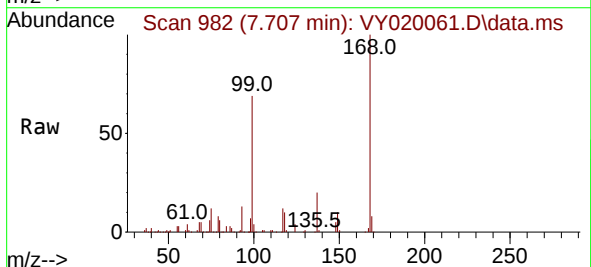
Instrument :
MSVOA_Y
ClientSampleId :



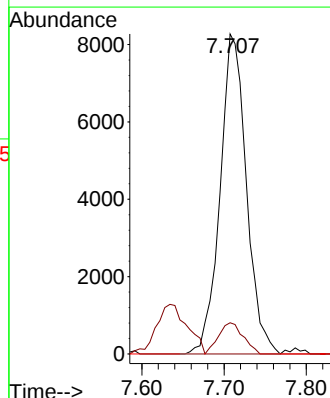
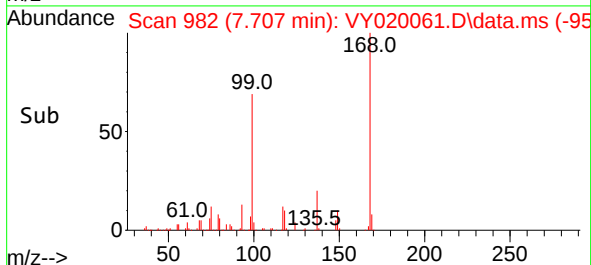
Tgt Ion:113 Resp: 121981
Ion Ratio Lower Upper
113 100
111 105.2 82.2 123.4
192 16.1 15.9 23.9

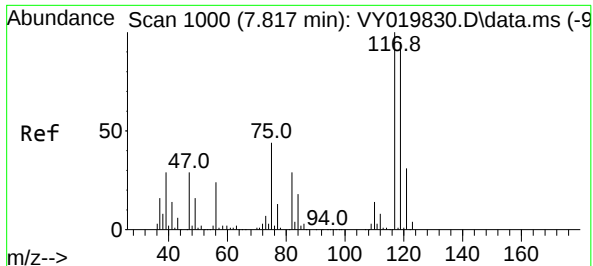


#36
1,1-Dichloropropene
Concen: 5.219 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12



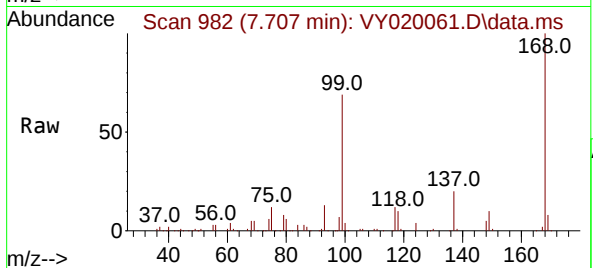
Tgt Ion: 75 Resp: 18413
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#



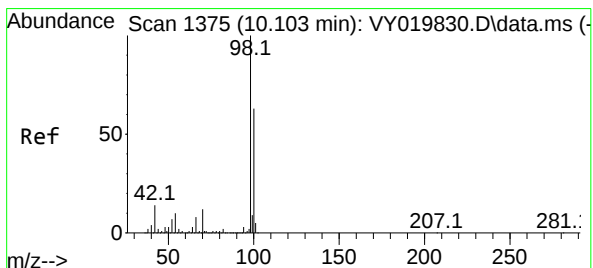
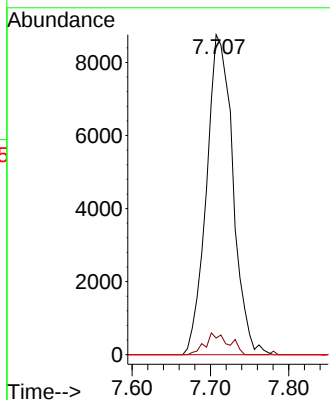
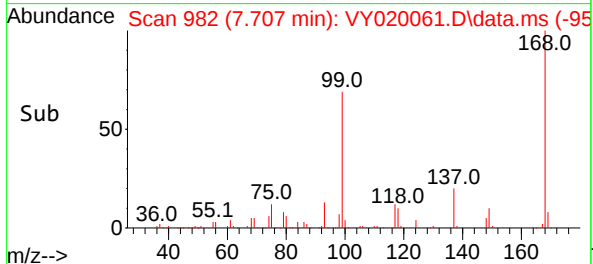


#38
Carbon Tetrachloride
Concen: 5.425 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

Instrument :
MSVOA_Y
ClientSampleId :

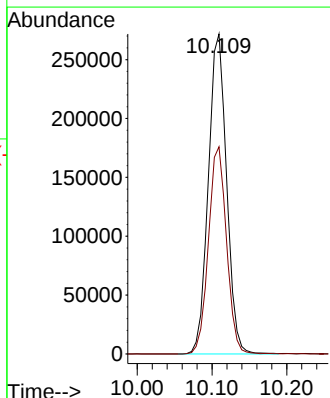
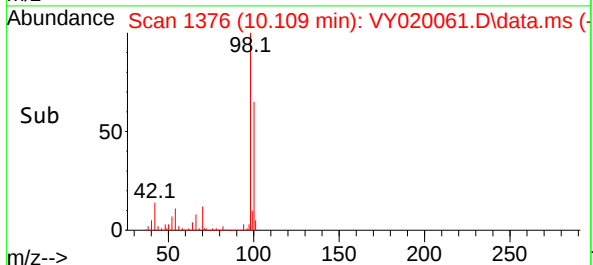
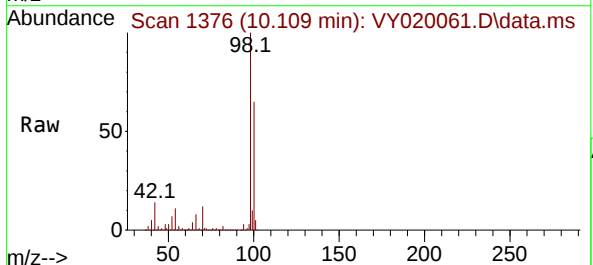


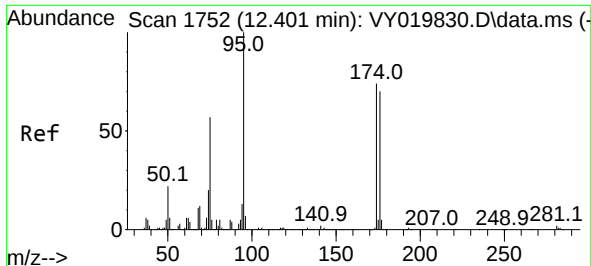
Tgt Ion:117 Resp: 20522
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.924 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

Tgt Ion: 98 Resp: 460566
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

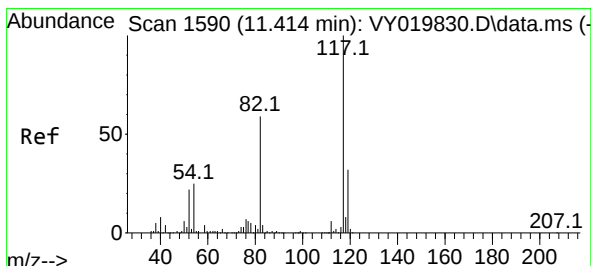
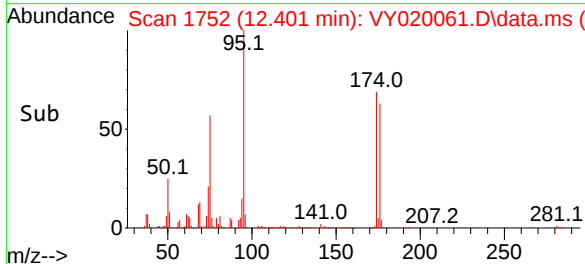
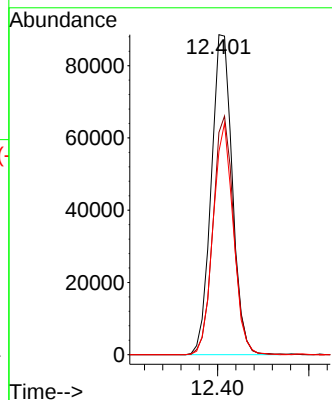
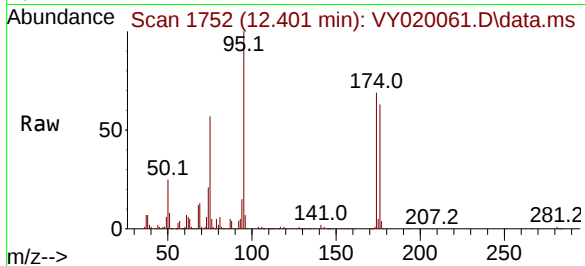




#62
4-Bromofluorobenzene
Concen: 43.291 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

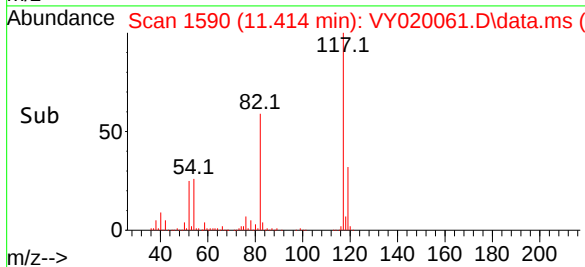
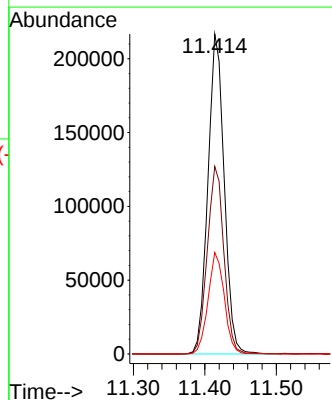
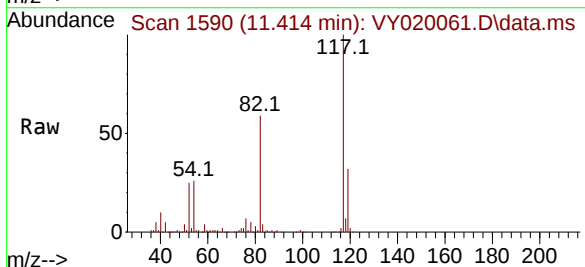
Instrument :
MSVOA_Y
ClientSampleId :

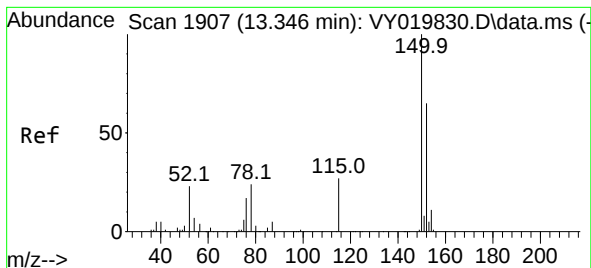
Tgt Ion: 95 Resp: 141473
Ion Ratio Lower Upper
95 100
174 73.3 0.0 175.6
176 69.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020061.D
Acq: 29 Oct 2024 15:12

Tgt Ion: 117 Resp: 342691
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 31.7 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: VY020061.D

Acq: 29 Oct 2024 15:12

Instrument :

MSVOA_Y

ClientSampleId :

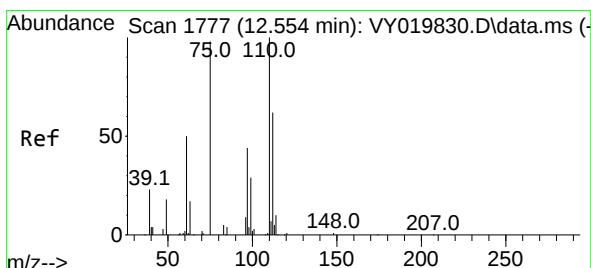
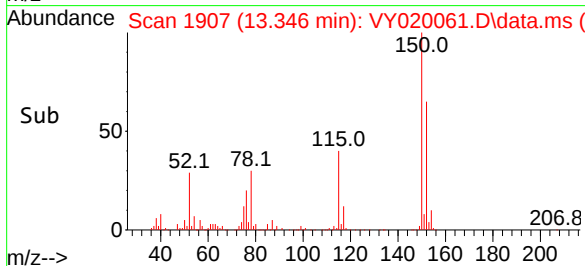
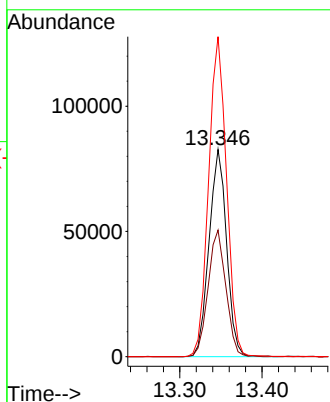
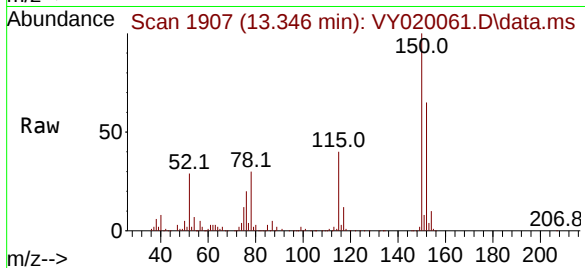
Tgt Ion:152 Resp: 122674

Ion Ratio Lower Upper

152 100

115 62.1 28.2 84.7

150 157.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 33.856 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY020061.D

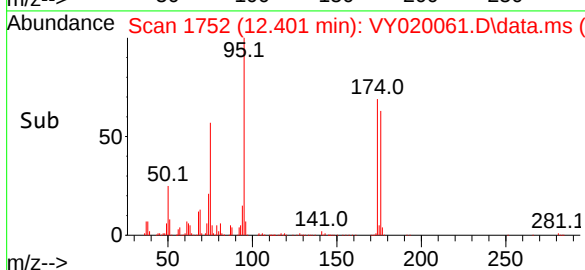
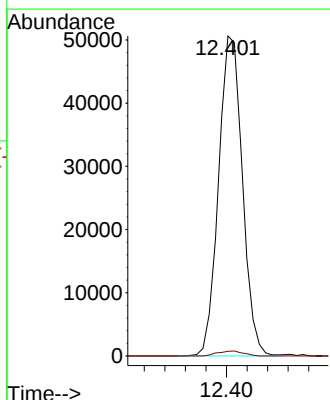
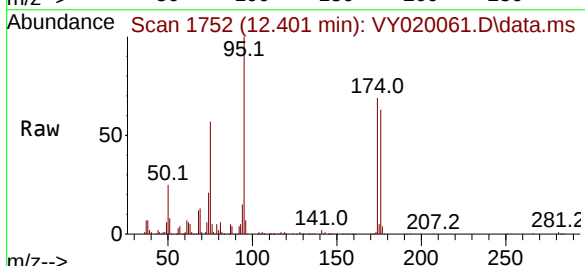
Acq: 29 Oct 2024 15:12

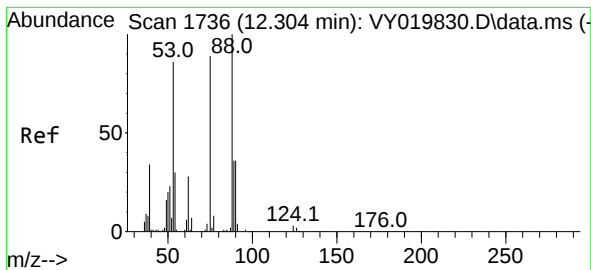
Tgt Ion: 75 Resp: 81361

Ion Ratio Lower Upper

75 100

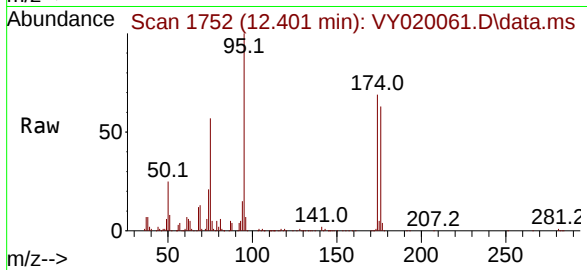
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.654 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020061.D
 Acq: 29 Oct 2024 15:12

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 81361
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

