

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071024\
 Data File : VY018763.D
 Acq On : 10 Jul 2024 13:06
 Operator : SY/MD
 Sample : P3183-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 11 02:23:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

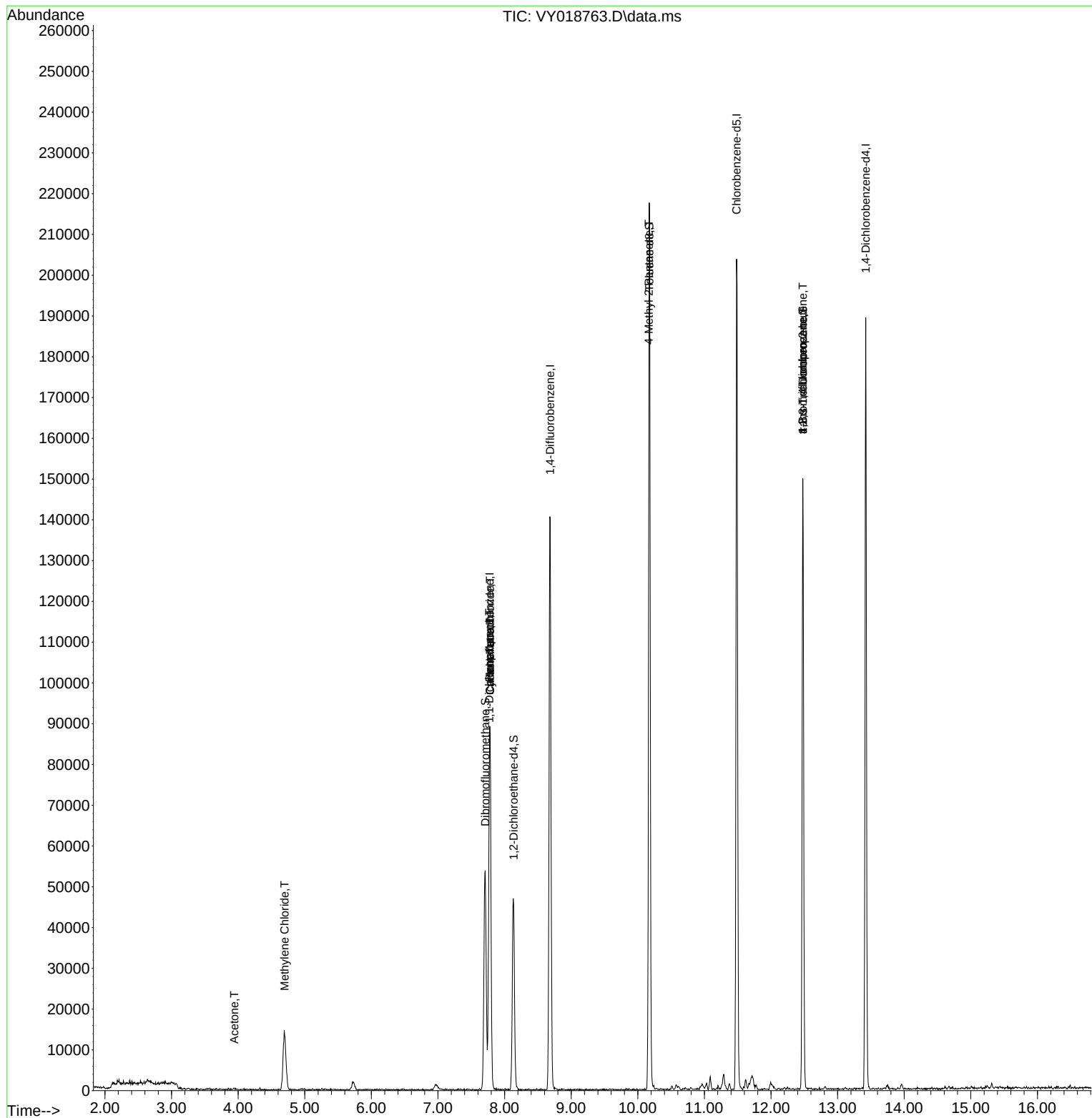
Internal Standards						
1) Pentafluorobenzene	7.777	168	72914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	125039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	112710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38085	53.081	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.160%			
35) Dibromofluoromethane	7.710	113	37867	48.352	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.700%			
50) Toluene-d8	10.173	98	139449	47.000	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.000%			
62) 4-Bromofluorobenzene	12.477	95	45549	44.953	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 89.900%			
Target Compounds					Qvalue	
16) Acetone	3.942	43	456	3.447	ug/l #	71
20) Methylene Chloride	4.698	84	10941	10.704	ug/l	91
31) Cyclohexane	7.783	56	1742	1.580	ug/l #	43
36) 1,1-Dichloropropene	7.771	75	5049	4.672	ug/l #	49
38) Carbon Tetrachloride	7.783	117	6988	5.368	ug/l #	17
51) 4-Methyl-2-Pentanone	10.167	43	680	1.490	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	24989	67.568	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	24989	151.221	ug/l #	16

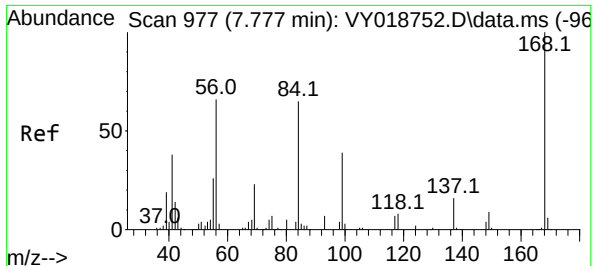
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration

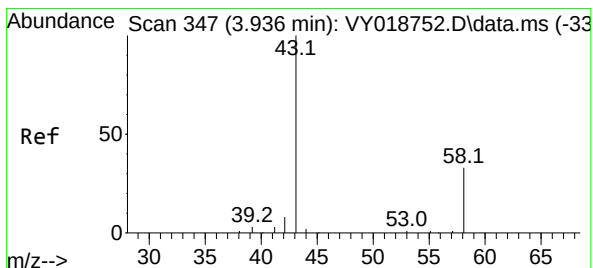
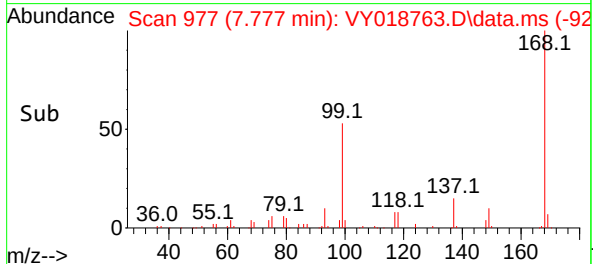
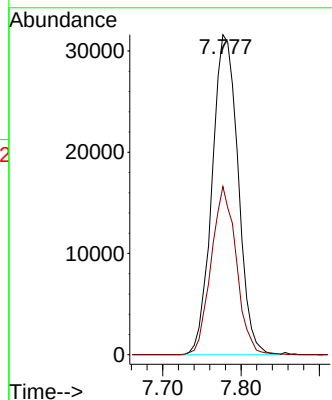
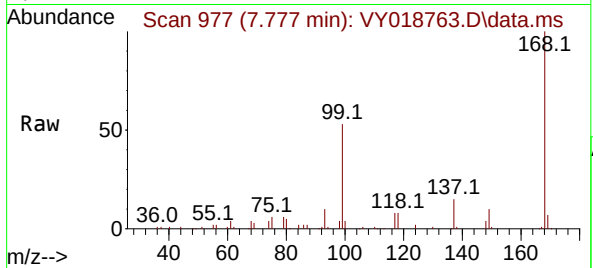




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

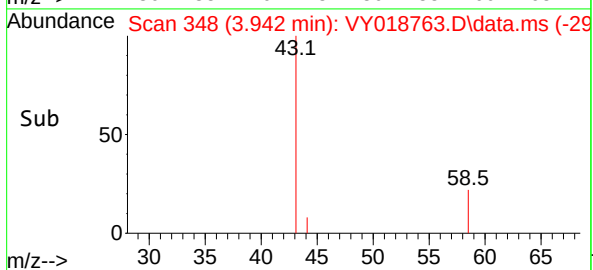
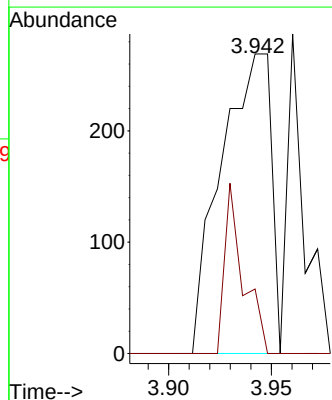
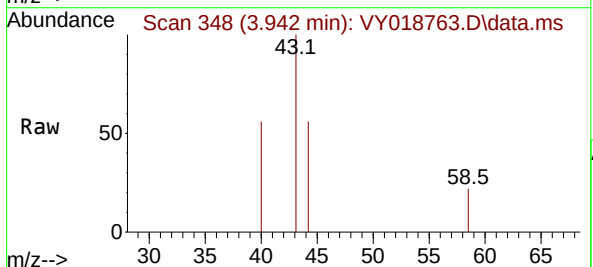
Instrument :
MSVOA_Y
ClientSampleId :

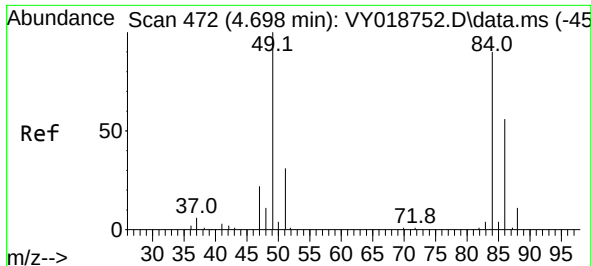
Tgt Ion:168 Resp: 72914
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#16
Acetone
Concen: 3.447 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

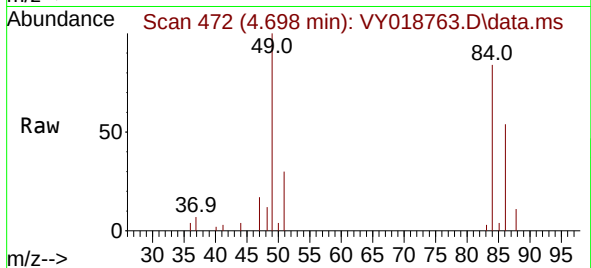
Tgt Ion: 43 Resp: 456
Ion Ratio Lower Upper
43 100
58 21.6 31.7 47.5#



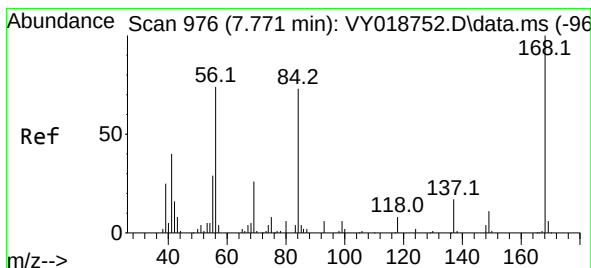
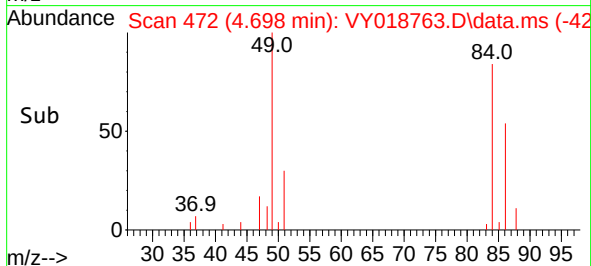
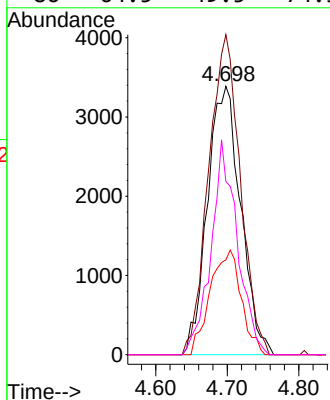


#20
Methylene Chloride
Concen: 10.704 ug/l
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

Instrument :
MSVOA_Y
ClientSampleId :

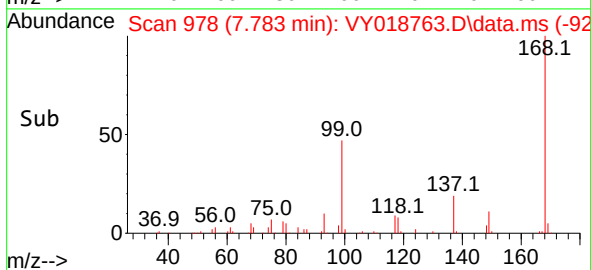
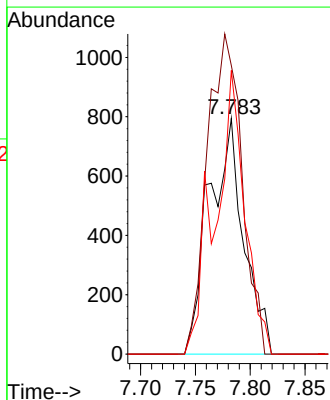
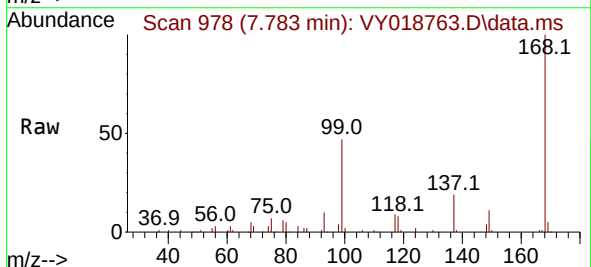


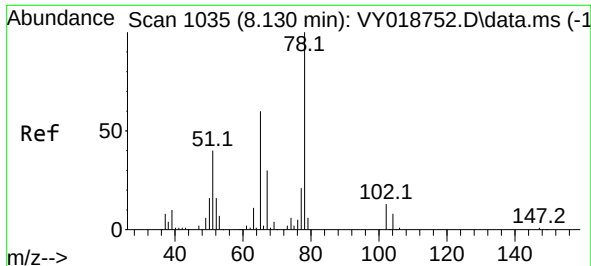
Tgt Ion: 84	Resp: 10941
Ion Ratio	Lower Upper
84 100	
49 119.3	84.4 126.6
51 35.3	26.0 39.0
86 64.5	49.5 74.3



#31
Cyclohexane
Concen: 1.580 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

Tgt Ion: 56	Resp: 1742		
Ion Ratio	Lower	Upper	
56	100		
69	122.5	28.7	43.1#
84	120.4	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 53.081 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY018763.D

Acq: 10 Jul 2024 13:06

Instrument :

MSVOA_Y

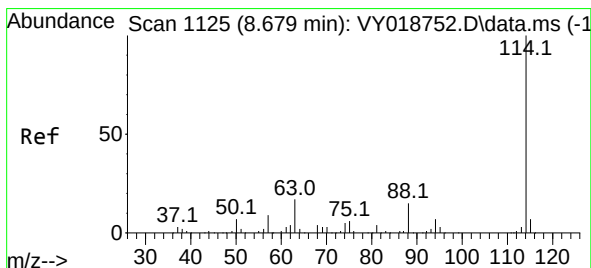
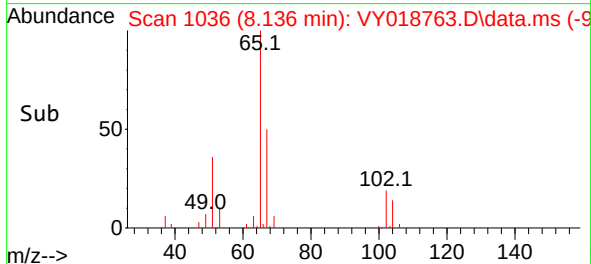
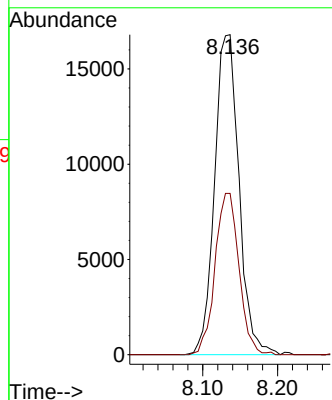
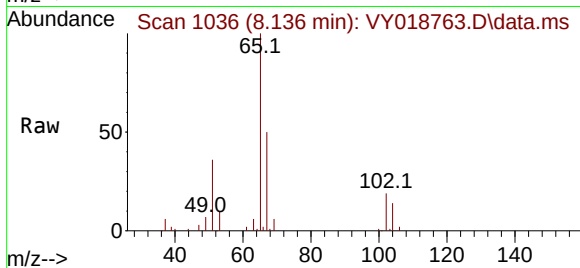
ClientSampleId :

Tgt Ion: 65 Resp: 38085

Ion Ratio Lower Upper

65 100

67 49.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY018763.D

Acq: 10 Jul 2024 13:06

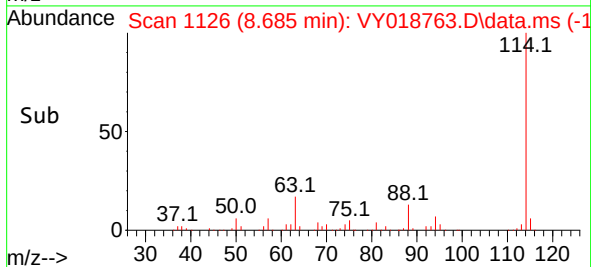
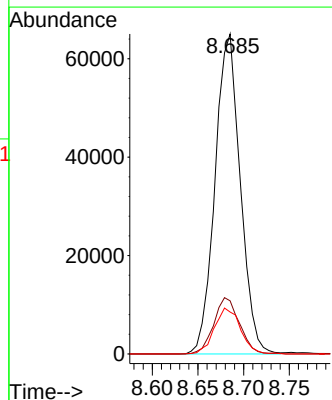
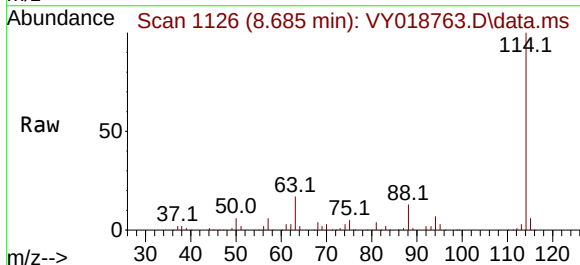
Tgt Ion: 114 Resp: 125039

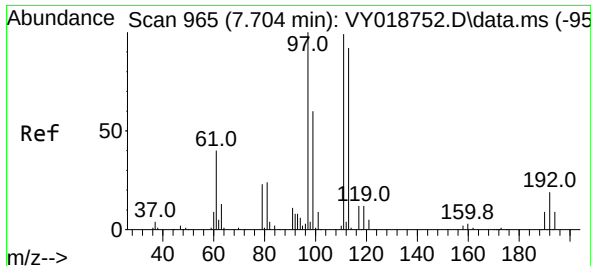
Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.1 0.0 27.2

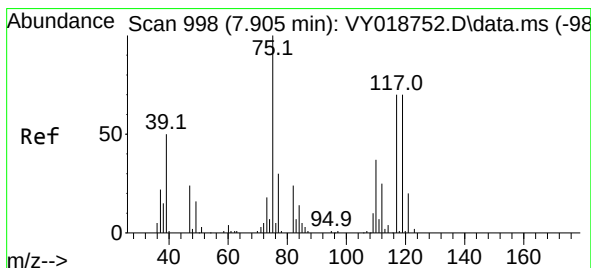
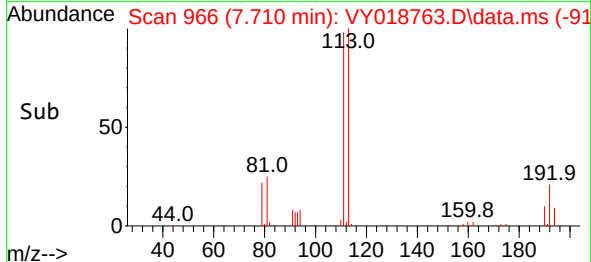
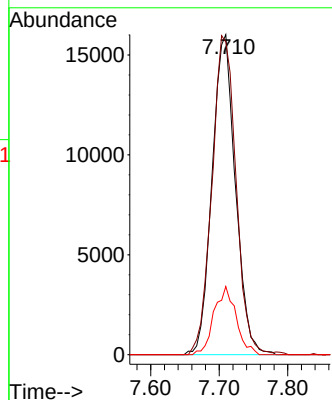
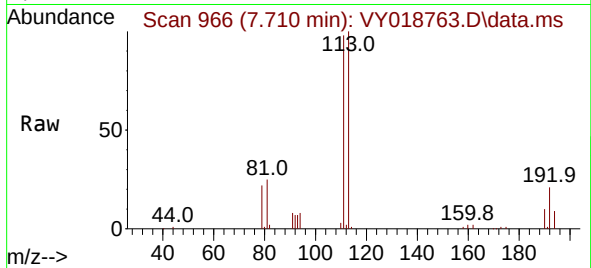




#35
Dibromofluoromethane
Concen: 48.352 ug/l
RT: 7.710 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

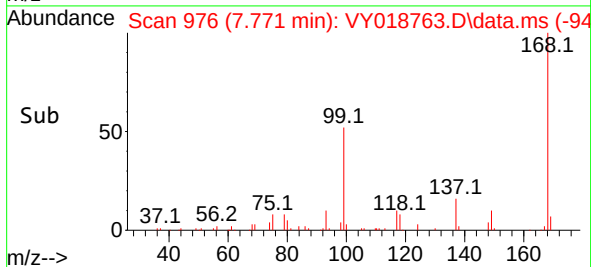
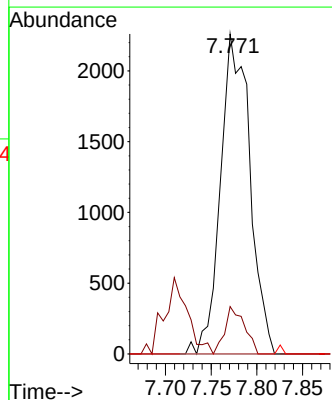
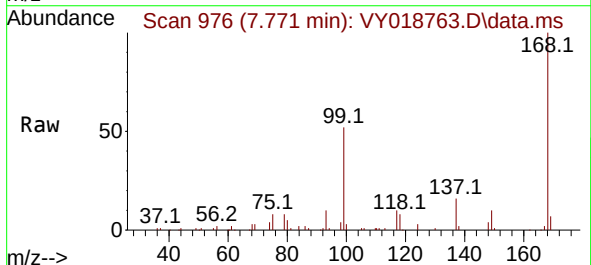
Instrument :
MSVOA_Y
ClientSampleId :

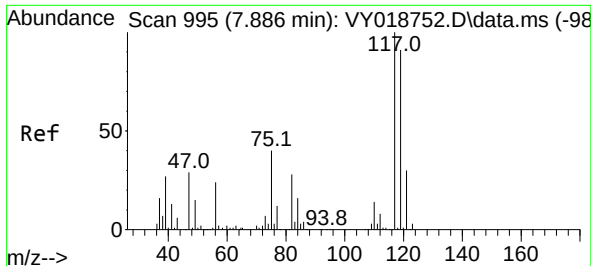
Tgt Ion:113 Resp: 37867
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.134 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

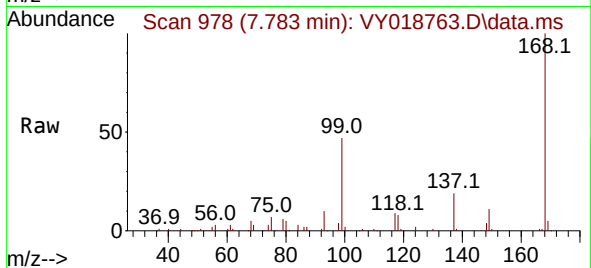
Tgt Ion: 75 Resp: 5049
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.0 25.3 37.9#



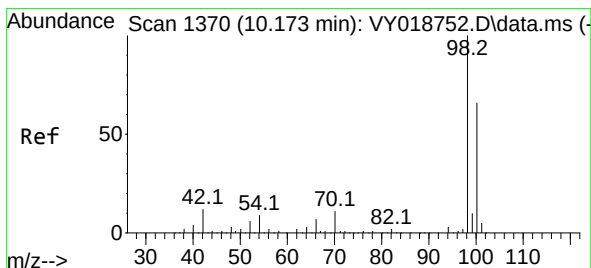
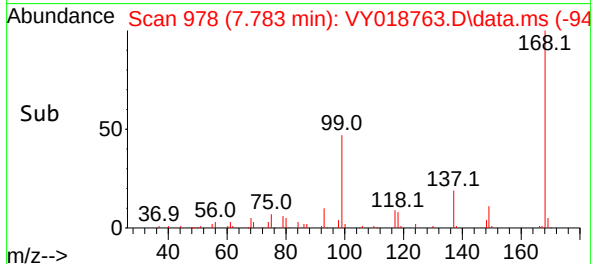
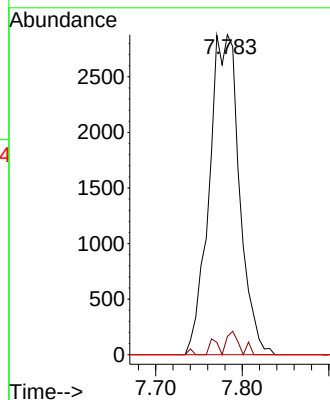


#38
Carbon Tetrachloride
Concen: 5.368 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

Instrument :
MSVOA_Y
ClientSampleId :

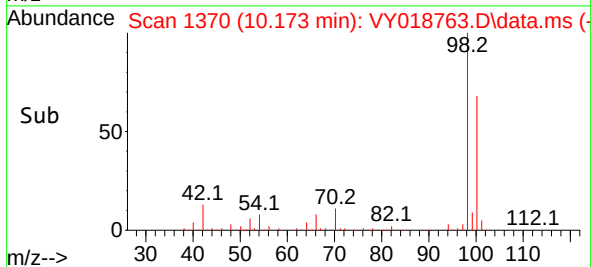
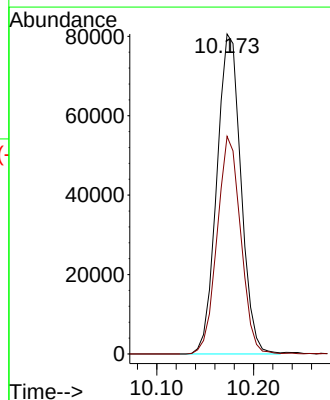
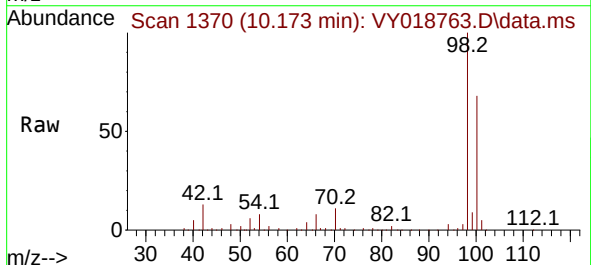


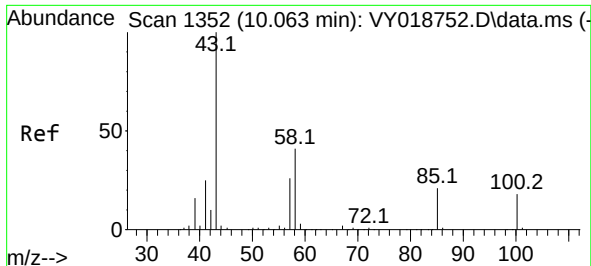
Tgt Ion:117 Resp: 6988
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.000 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

Tgt Ion: 98 Resp: 139449
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0

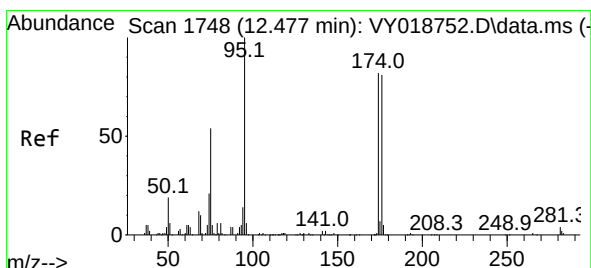
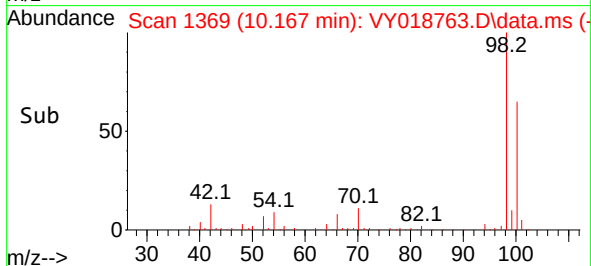
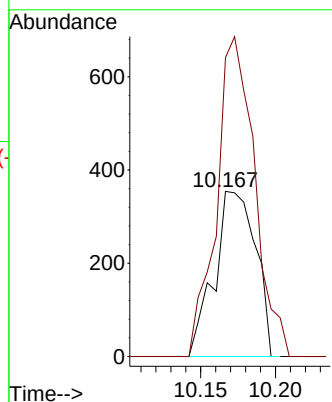
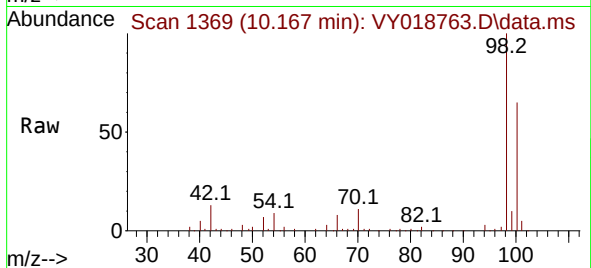




#51
4-Methyl-2-Pentanone
Concen: 1.490 ug/l
RT: 10.167 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

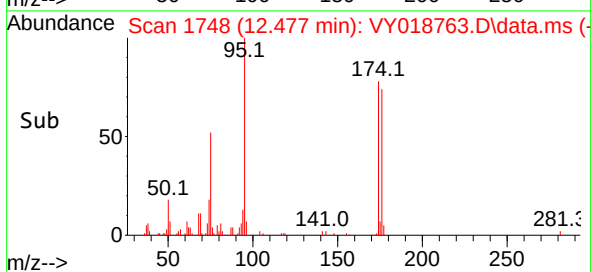
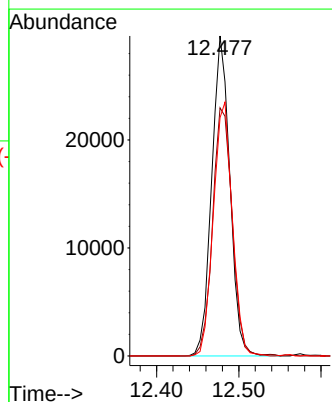
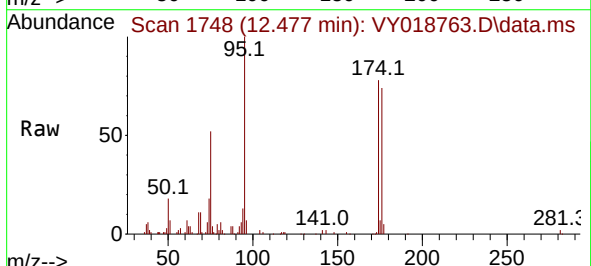
Instrument :
MSVOA_Y
ClientSampleId :

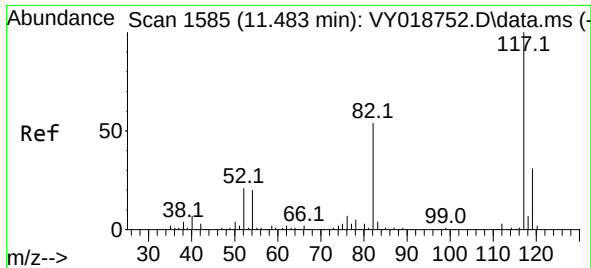
Tgt Ion: 43 Resp: 680
Ion Ratio Lower Upper
43 100
58 178.2 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 44.953 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

Tgt Ion: 95 Resp: 45549
Ion Ratio Lower Upper
95 100
174 83.2 0.0 175.6
176 82.5 0.0 171.4

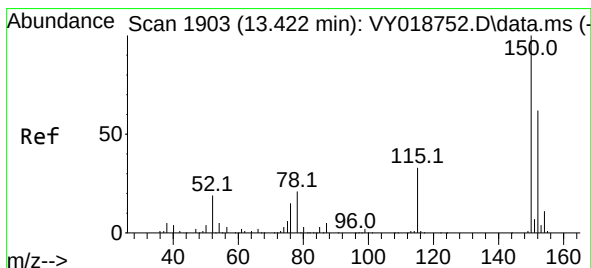
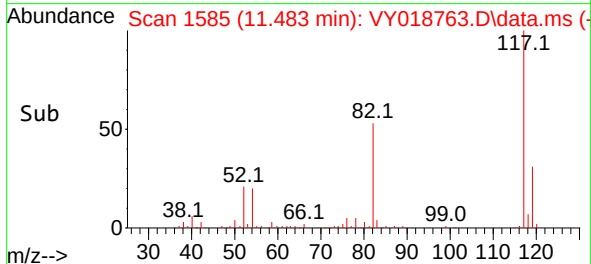
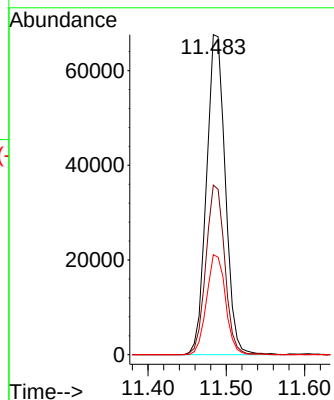
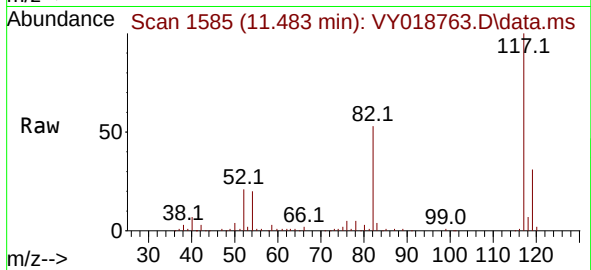




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

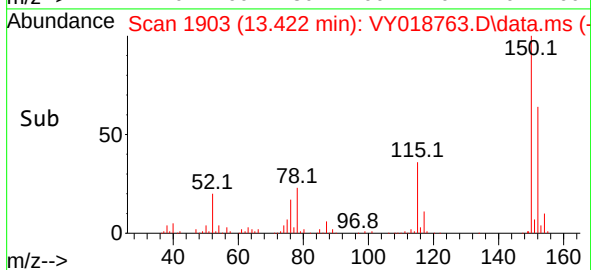
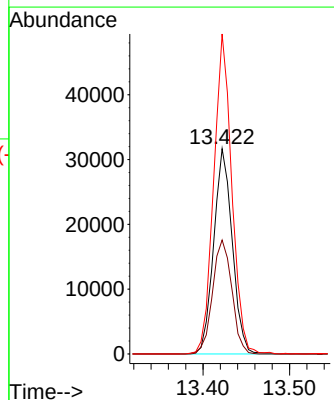
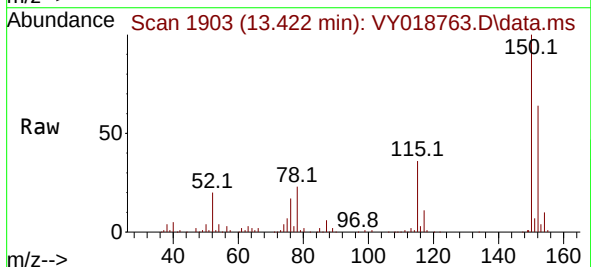
Instrument :
MSVOA_Y
ClientSampleId :

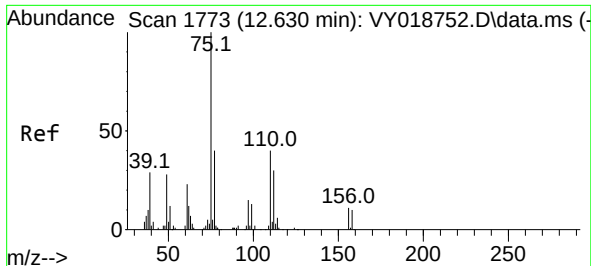
Tgt Ion:117 Resp: 112710
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 31.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

Tgt Ion:152 Resp: 47220
Ion Ratio Lower Upper
152 100
115 57.2 28.2 84.7
150 152.0 0.0 345.6

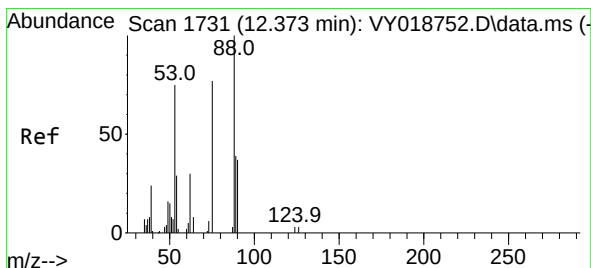
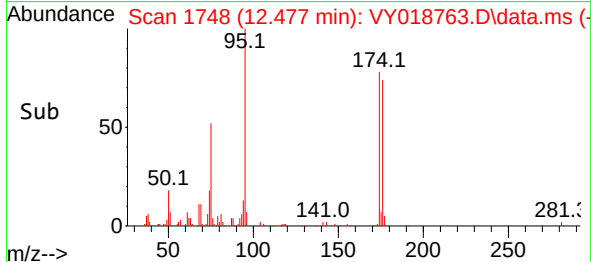
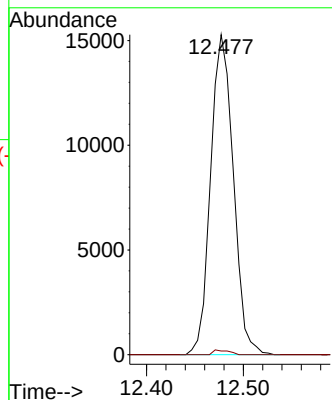
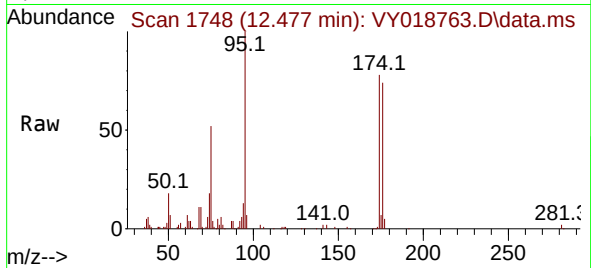




#76
1,2,3-Trichloropropane
Concen: 67.568 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 24989
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 151.221 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018763.D
Acq: 10 Jul 2024 13:06

Tgt Ion: 75 Resp: 24989
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

