

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018849.D
 Acq On : 17 Jul 2024 16:05
 Operator : SY/MD
 Sample : P3193-01
 Misc : 6.71g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 18 01:28:35 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)

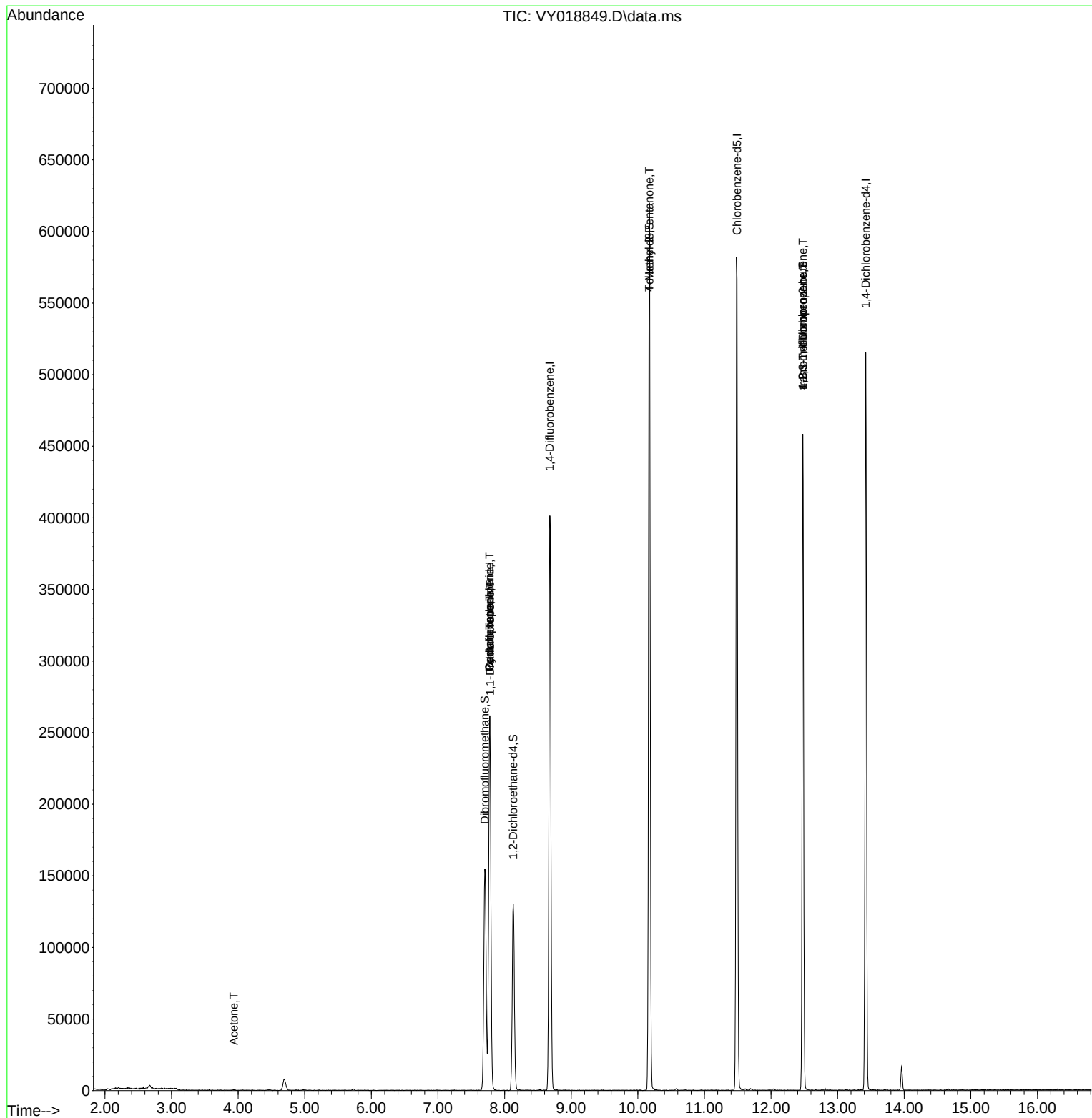
Internal Standards						
1) Pentafluorobenzene	7.777	168	206454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	355544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	318590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	129966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	99649	49.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.100%
35) Dibromofluoromethane	7.704	113	108618	48.777	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.560%
50) Toluene-d8	10.173	98	397793	47.151	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.477	95	129635	44.994	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.980%
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	481	1.284	ug/l #	58
20) Methylene Chloride	4.698	84	6009	Below Cal		95
31) Cyclohexane	7.777	56	4072	1.305	ug/l #	24
36) 1,1-Dichloropropene	7.783	75	14866	4.837	ug/l #	50
38) Carbon Tetrachloride	7.777	117	20717	5.597	ug/l #	15
51) 4-Methyl-2-Pentanone	10.173	43	1661	1.280	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	70966	69.717	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	70966	156.030	ug/l #	16

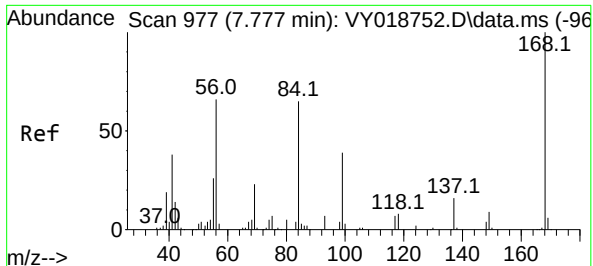
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 18 01:28:35 2024
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Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration

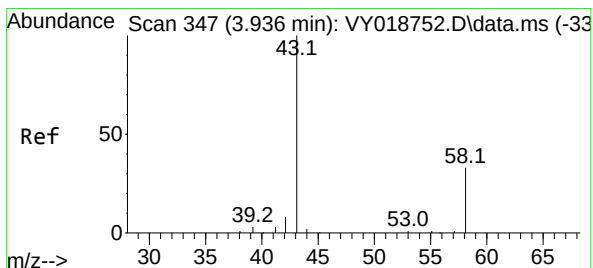
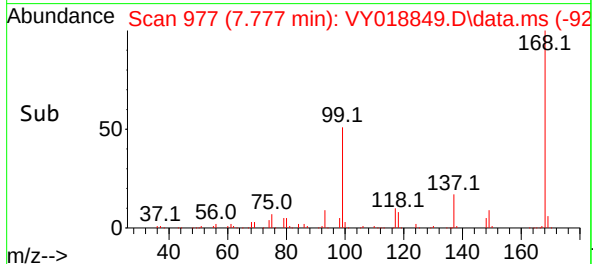
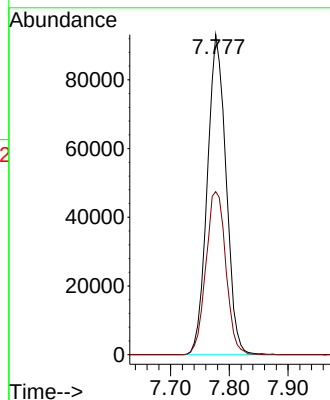
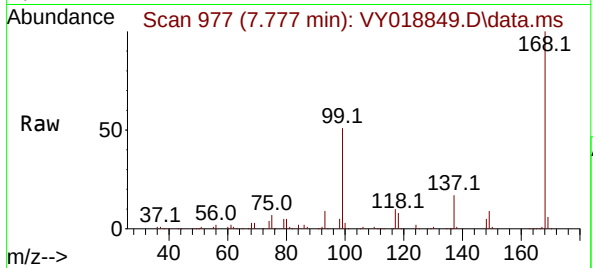




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

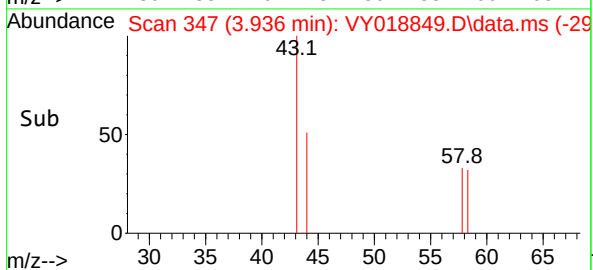
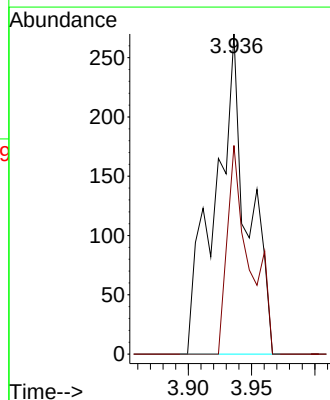
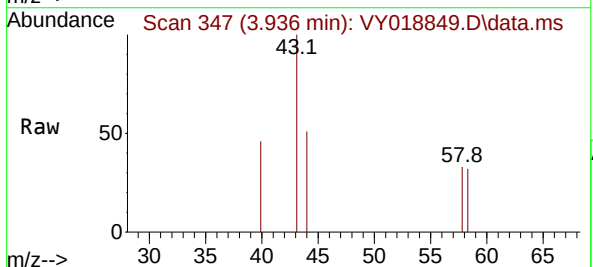
Instrument :
MSVOA_Y
ClientSampleId :

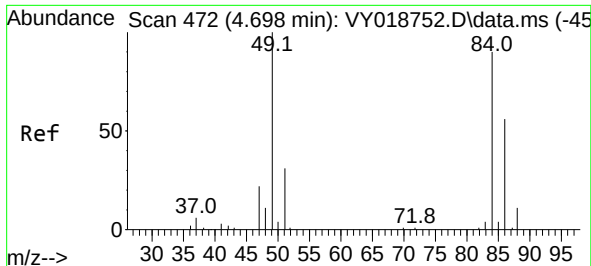
Tgt Ion:168 Resp: 206454
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7



#16
Acetone
Concen: 1.284 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

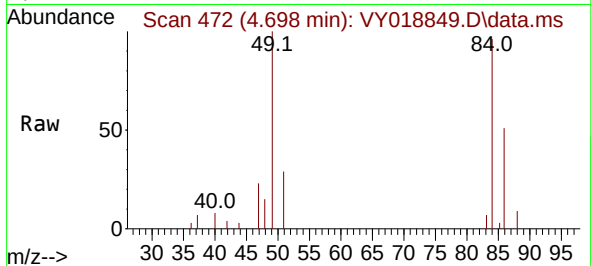
Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 65.2 31.7 47.5#



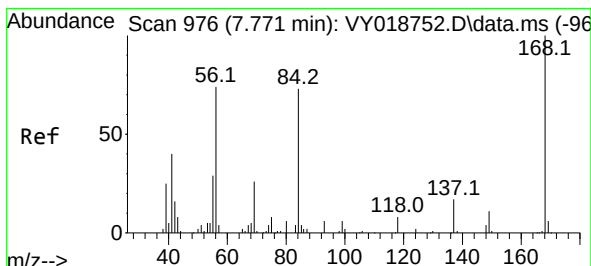
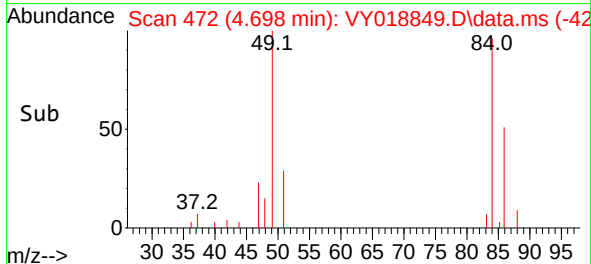
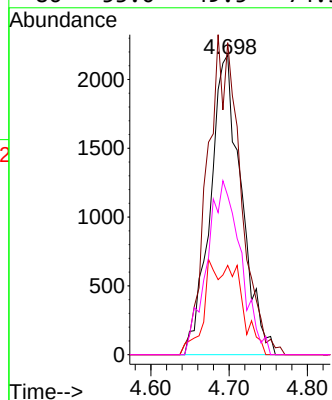


#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

Instrument :
MSVOA_Y
ClientSampleId :

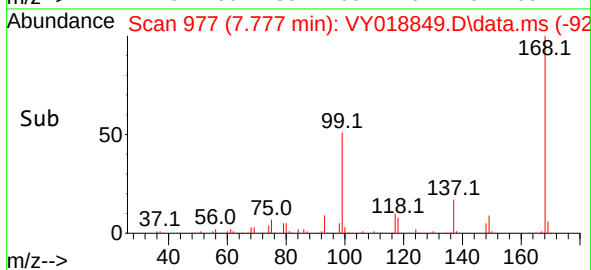
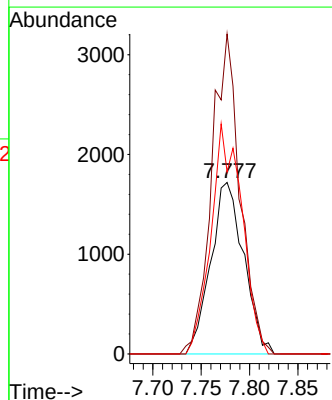
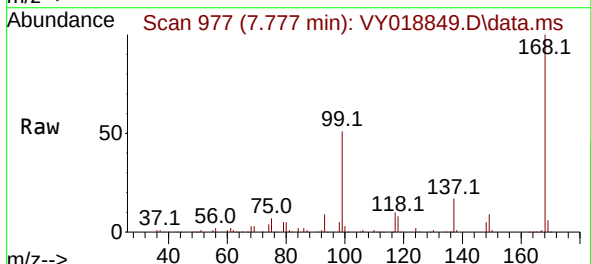


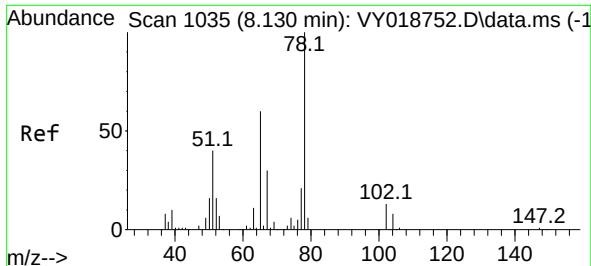
Tgt Ion:	84	Resp:	6009
Ion	Ratio	Lower	Upper
84	100		
49	104.0	84.4	126.6
51	29.8	26.0	39.0
86	53.0	49.5	74.3



#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

Tgt Ion:	56	Resp:	4072
Ion	Ratio	Lower	Upper
56	100		
69	186.6	28.7	43.1#
84	106.1	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 49.051 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018849.D

Acq: 17 Jul 2024 16:05

Instrument :

MSVOA_Y

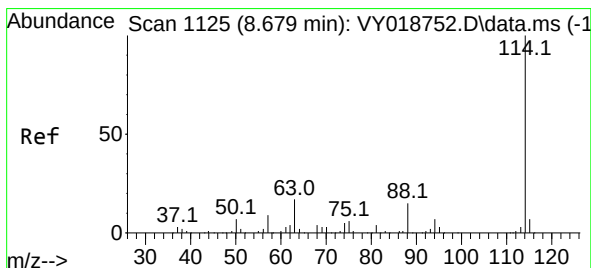
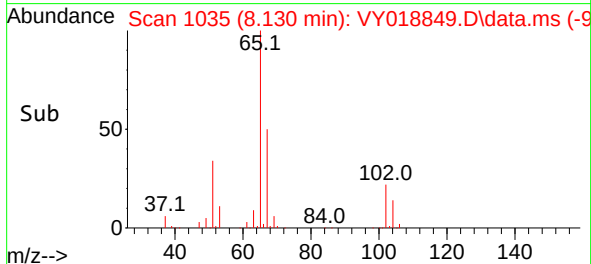
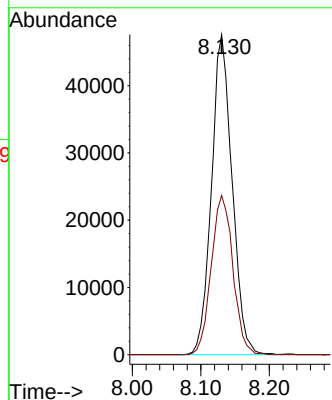
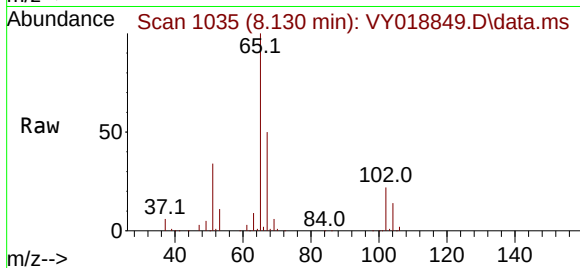
ClientSampleId :

Tgt Ion: 65 Resp: 99649

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018849.D

Acq: 17 Jul 2024 16:05

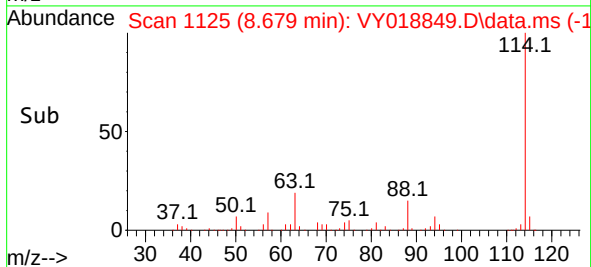
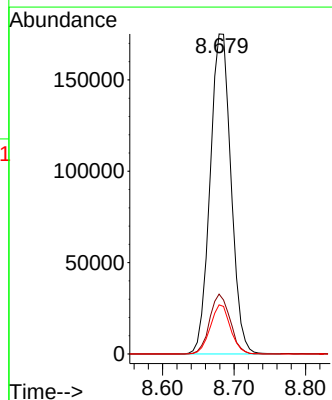
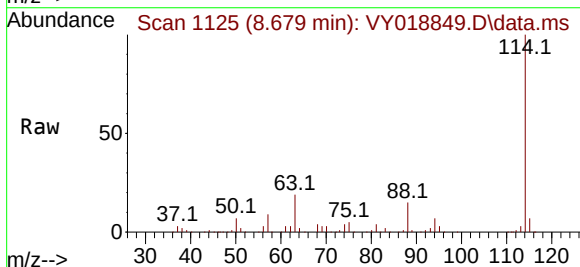
Tgt Ion: 114 Resp: 355544

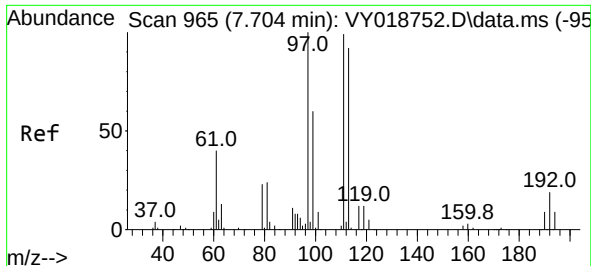
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.0

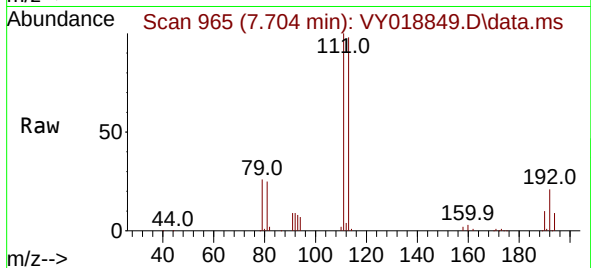
88 15.4 0.0 27.2



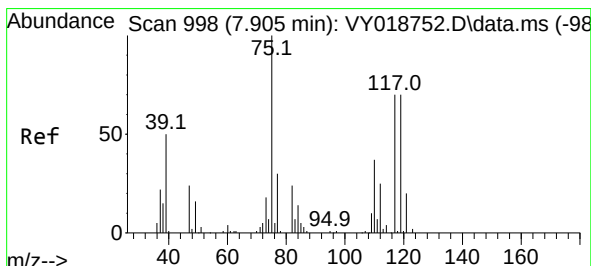
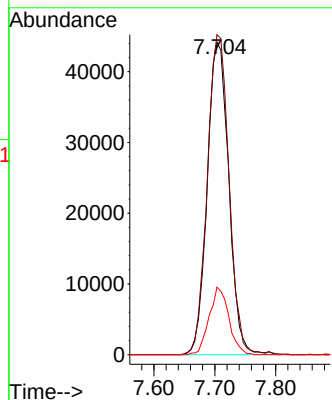
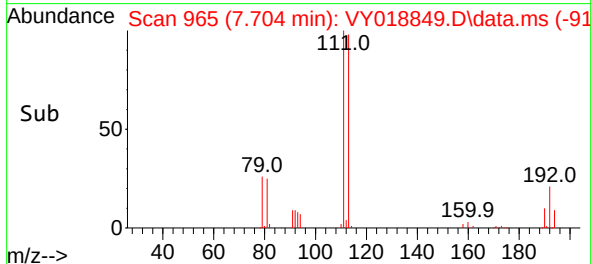


#35
Dibromofluoromethane
Concen: 48.777 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

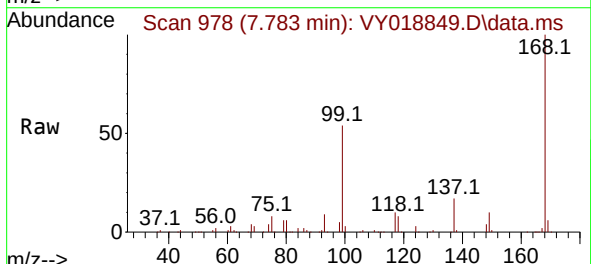
Instrument :
MSVOA_Y
ClientSampleId :



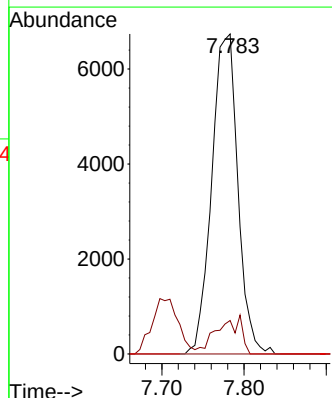
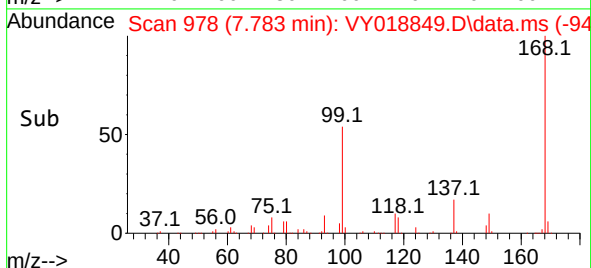
Tgt Ion:113 Resp: 108618
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.8 15.9 23.9

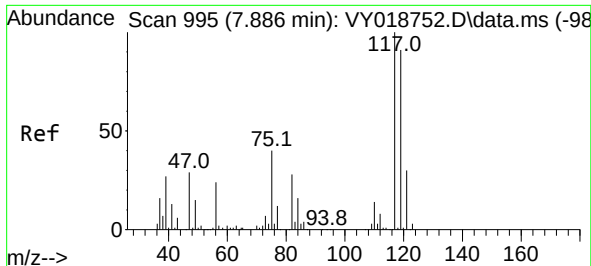


#36
1,1-Dichloropropene
Concen: 4.837 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05



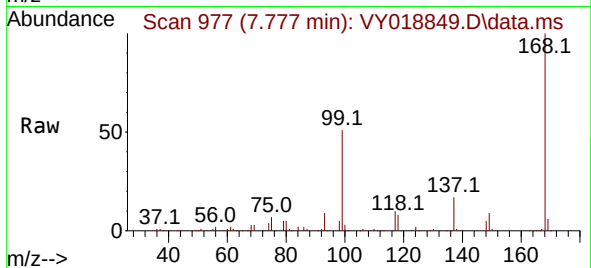
Tgt Ion: 75 Resp: 14866
Ion Ratio Lower Upper
75 100
110 11.1 19.0 57.0#
77 0.0 25.3 37.9#



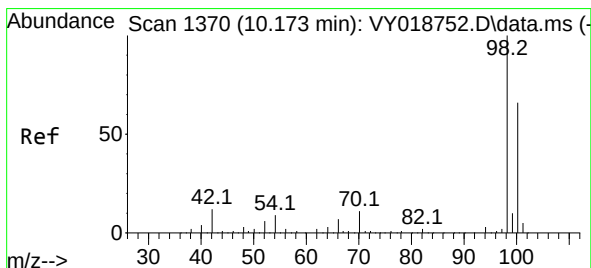
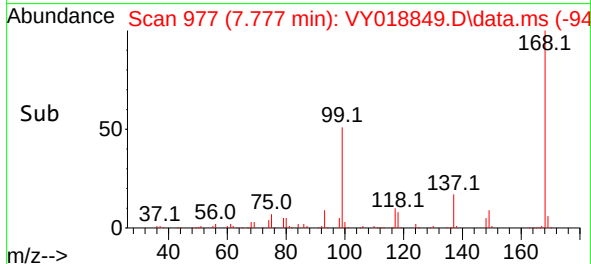
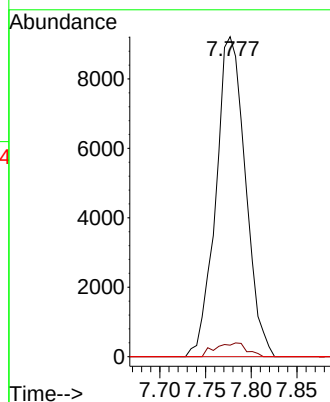


#38
Carbon Tetrachloride
Concen: 5.597 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

Instrument :
MSVOA_Y
ClientSampleId :

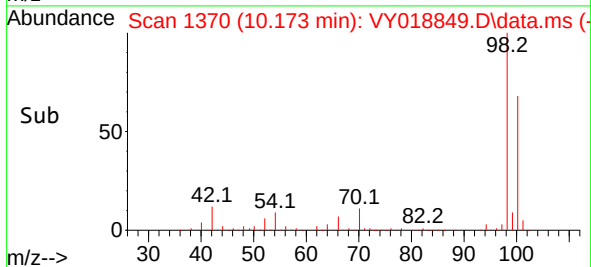
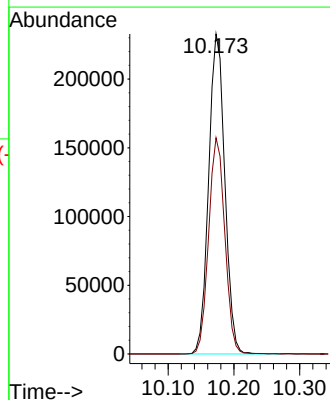
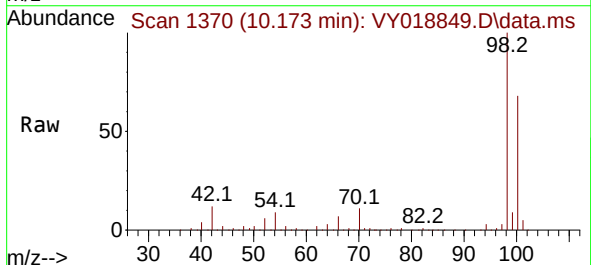


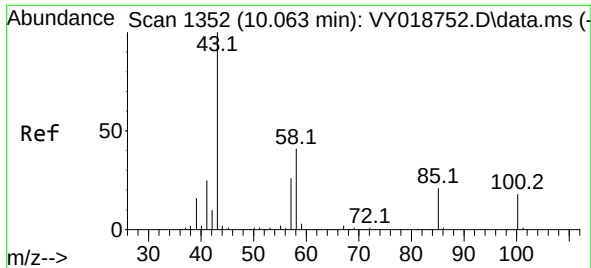
Tgt Ion:117 Resp: 20717
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.151 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

Tgt Ion: 98 Resp: 397793
Ion Ratio Lower Upper
98 100
100 67.7 52.0 78.0

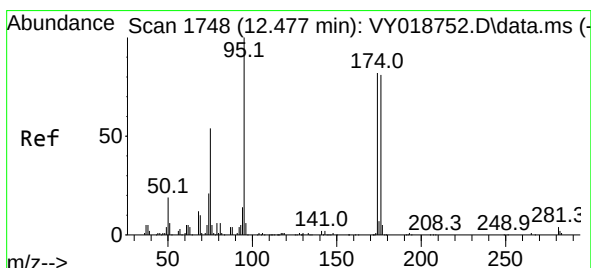
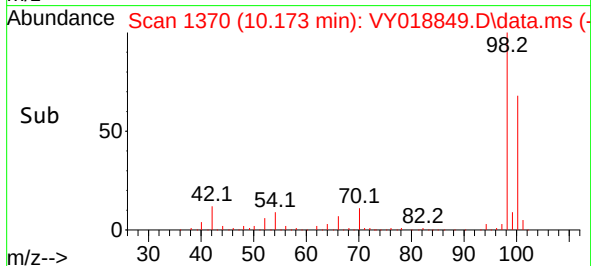
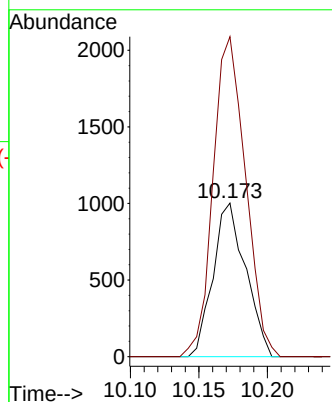
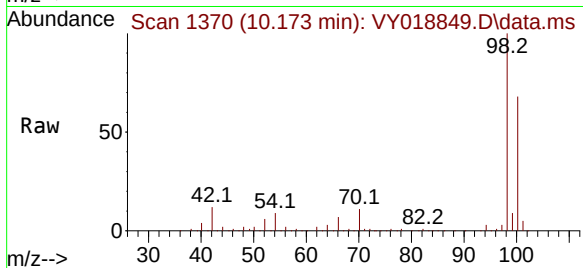




#51
4-Methyl-2-Pentanone
Concen: 1.280 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

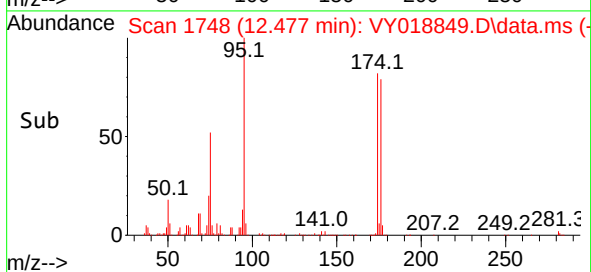
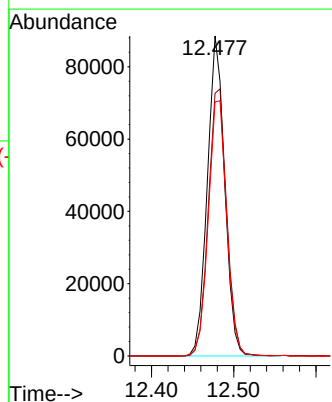
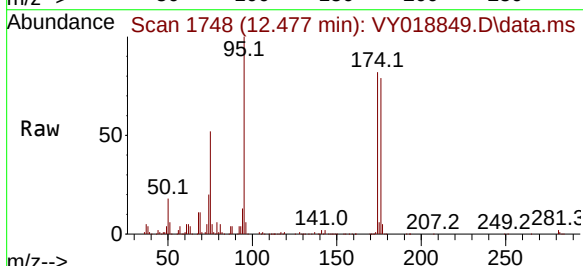
Instrument :
MSVOA_Y
ClientSampleId :

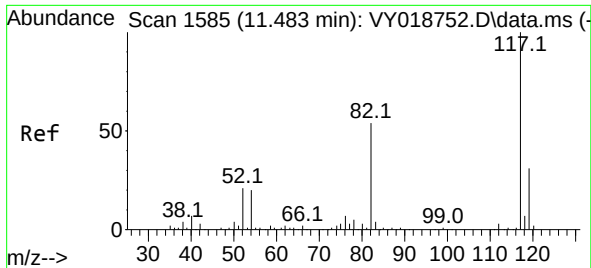
Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
58 206.8 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 44.994 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

Tgt Ion: 95 Resp: 129635
Ion Ratio Lower Upper
95 100
174 88.9 0.0 175.6
176 84.6 0.0 171.4

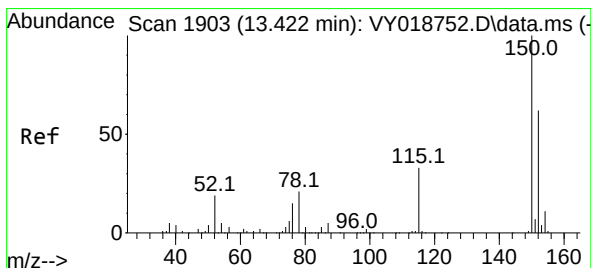
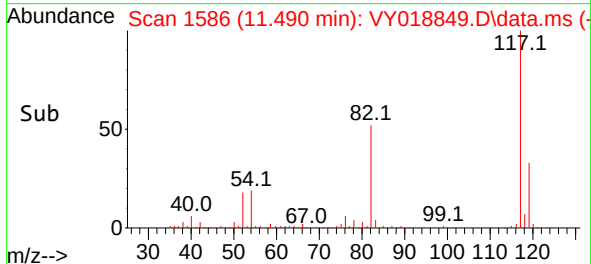
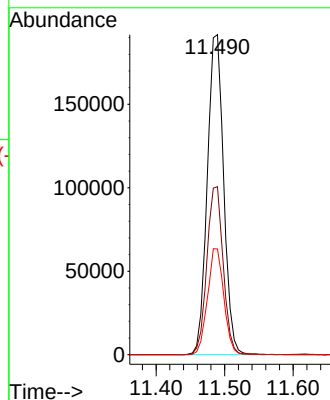
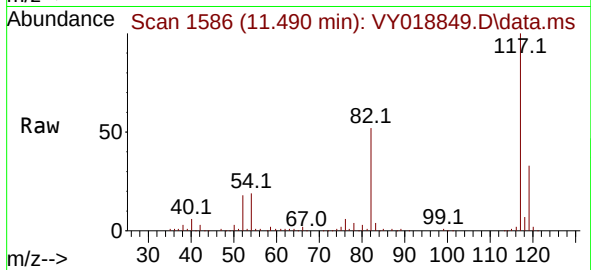




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

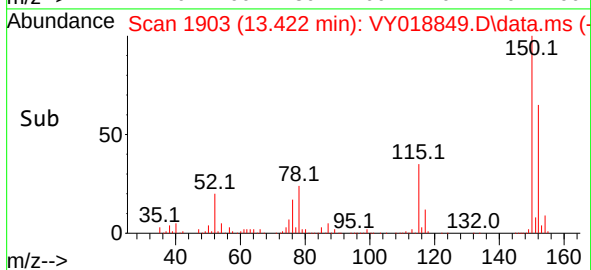
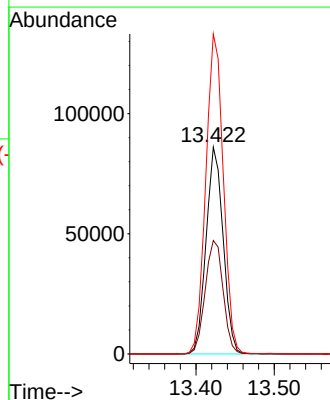
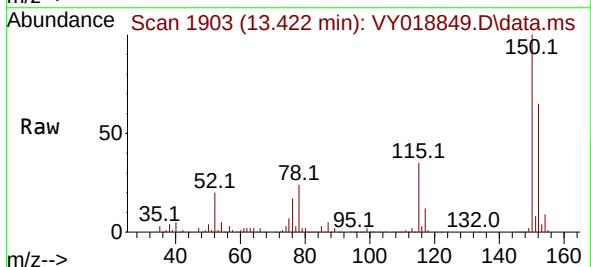
Instrument :
MSVOA_Y
ClientSampleId :

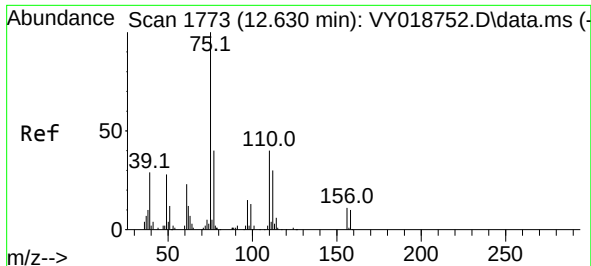
Tgt Ion:117 Resp: 318590
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 33.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

Tgt Ion:152 Resp: 129966
Ion Ratio Lower Upper
152 100
115 57.7 28.2 84.7
150 158.6 0.0 345.6

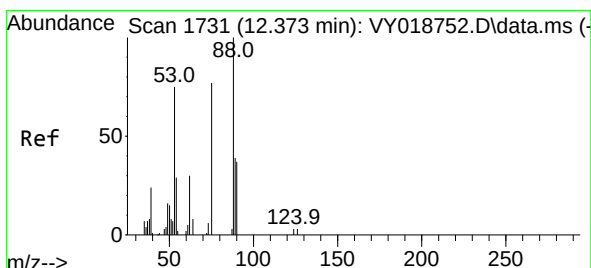
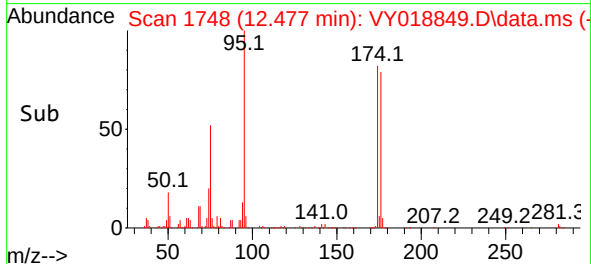
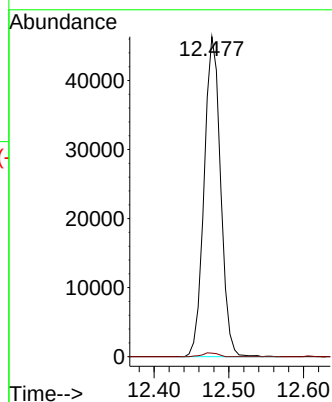
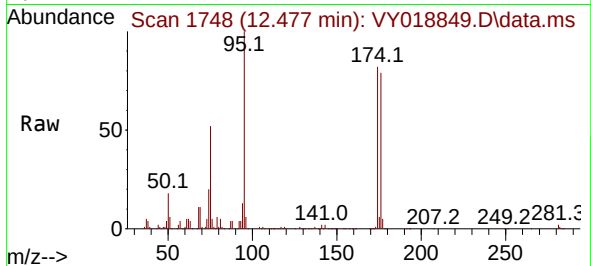




#76
1,2,3-Trichloropropane
Concen: 69.717 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 70966
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 156.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018849.D
Acq: 17 Jul 2024 16:05

Tgt Ion: 75 Resp: 70966
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

