

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018833.D
 Acq On : 16 Jul 2024 15:30
 Operator : SY/MD
 Sample : P3246-14
 Misc : 7.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 17 01:57:08 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)

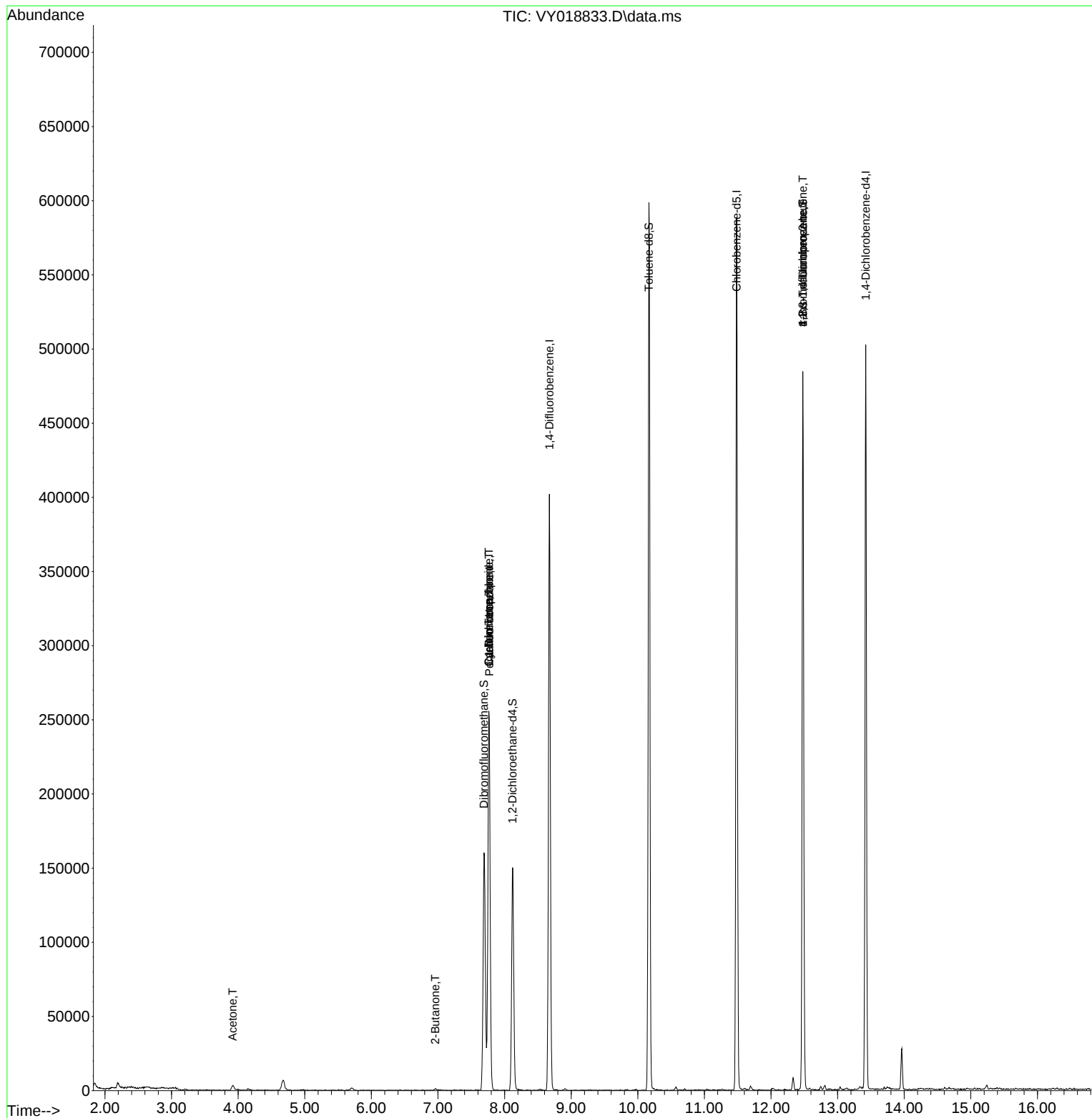
Internal Standards						
1) Pentafluorobenzene	7.771	168	201604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.673	114	345960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	313042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.118	65	114733	57.834	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.660%	
35) Dibromofluoromethane	7.691	113	110406	50.953	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.900%	
50) Toluene-d8	10.167	98	394888	48.103	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.200%	
62) 4-Bromofluorobenzene	12.477	95	130010	46.375	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.740%	
Target Compounds						
					Qvalue	
16) Acetone	3.918	43	5269	14.406	ug/l #	85
20) Methylene Chloride	4.674	84	5217	Below Cal	#	85
25) 2-Butanone	6.960	43	987	1.925	ug/l #	78
31) Cyclohexane	7.765	56	4182	1.372	ug/l #	1
36) 1,1-Dichloropropene	7.765	75	14484	4.844	ug/l #	51
38) Carbon Tetrachloride	7.765	117	19823	5.504	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	71801	72.113	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	71801	161.394	ug/l #	16

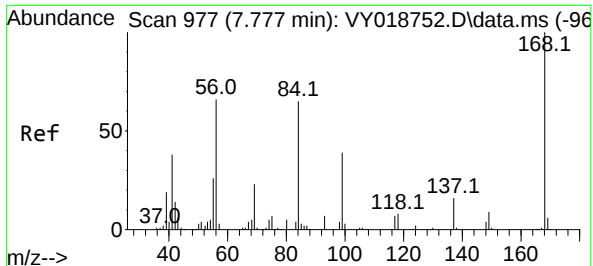
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 17 01:57:08 2024
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Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration

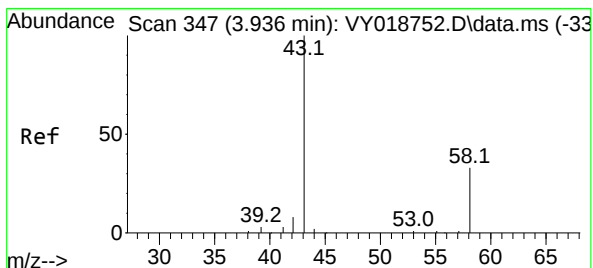
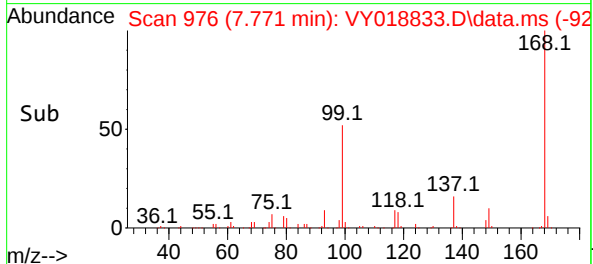
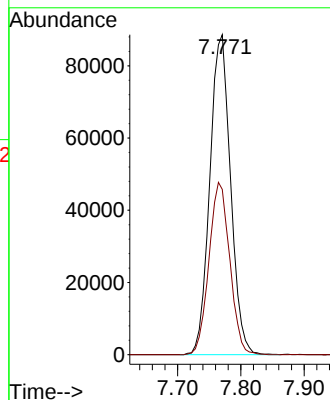
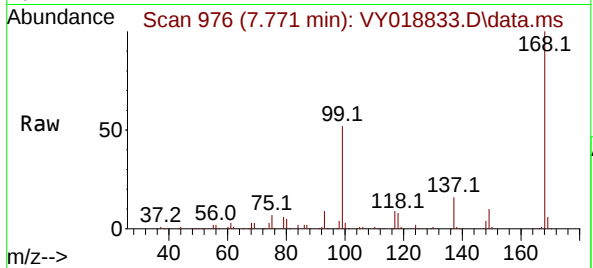




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

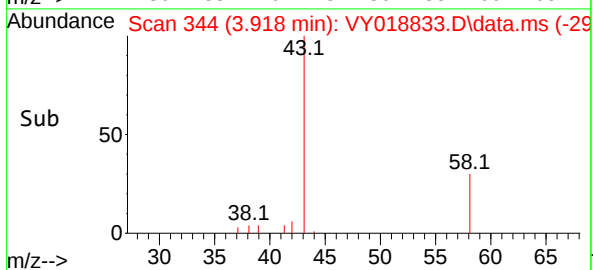
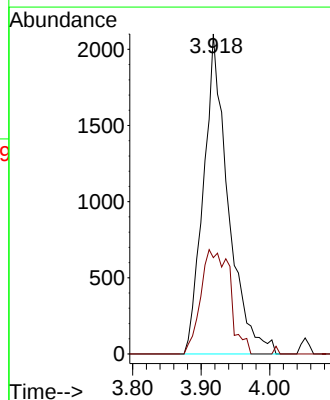
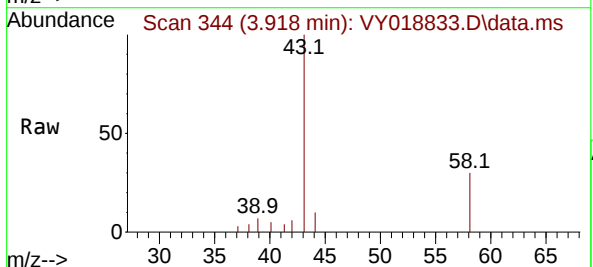
Instrument :
MSVOA_Y
ClientSampleId :

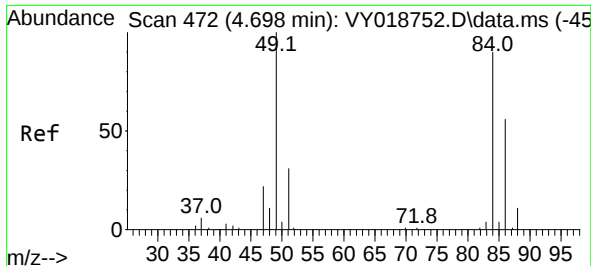
Tgt Ion:168 Resp: 201604
Ion Ratio Lower Upper
168 100
99 51.7 39.1 58.7



#16
Acetone
Concen: 14.406 ug/l
RT: 3.918 min Scan# 344
Delta R.T. -0.018 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

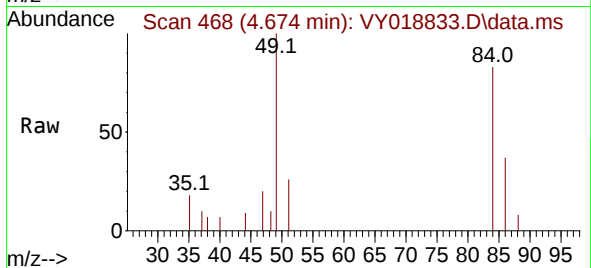
Tgt Ion: 43 Resp: 5269
Ion Ratio Lower Upper
43 100
58 30.1 31.7 47.5#



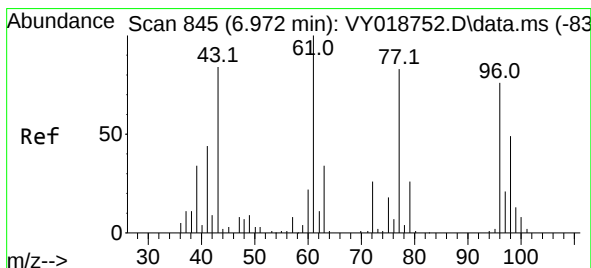
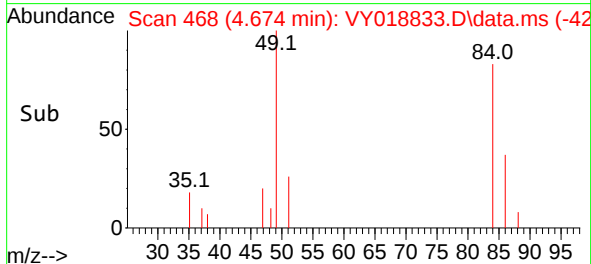
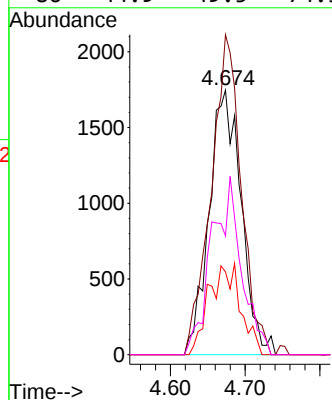


#20
Methylene Chloride
Concen: Below Cal
RT: 4.674 min Scan# 41
Delta R.T. -0.024 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

Instrument :
MSVOA_Y
ClientSampleId :

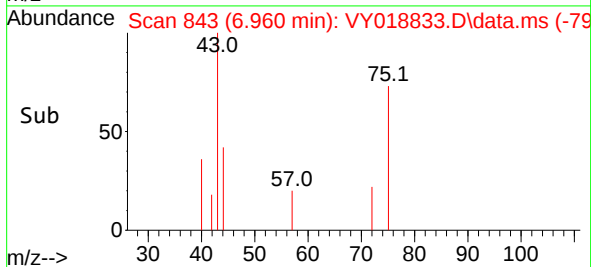
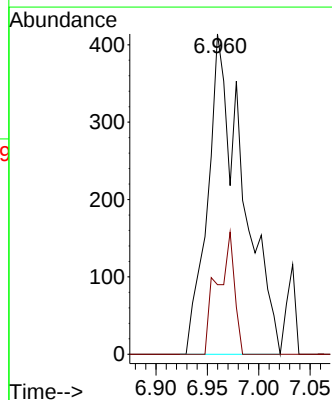
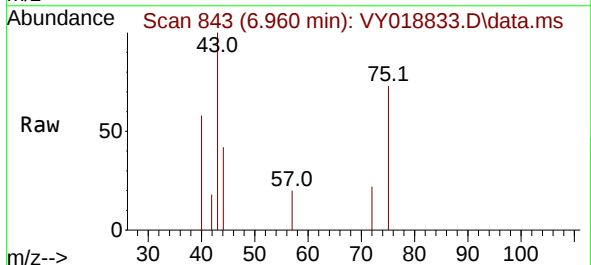


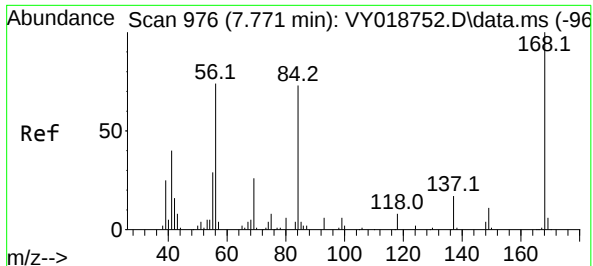
Tgt Ion:	84	Resp:	5217
Ion	Ratio	Lower	Upper
84	100		
49	121.0	84.4	126.6
51	31.3	26.0	39.0
86	44.9	49.5	74.3#



#25
2-Butanone
Concen: 1.925 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.012 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

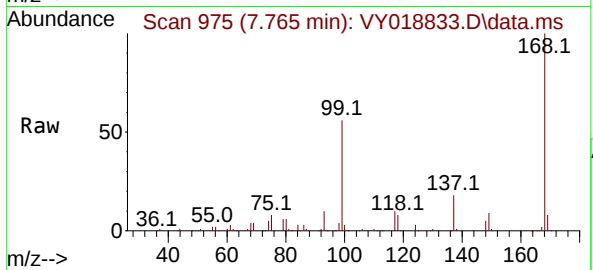
Tgt Ion:	43	Resp:	987
Ion	Ratio	Lower	Upper
43	100		
72	21.7	27.3	40.9#



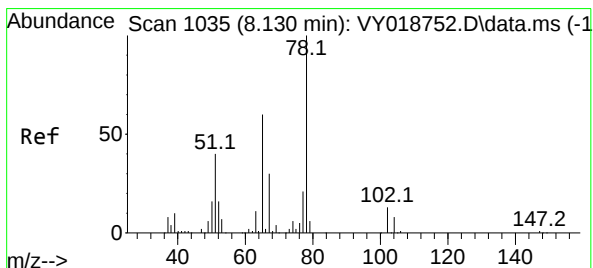
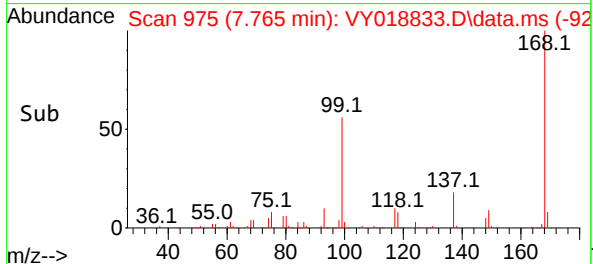
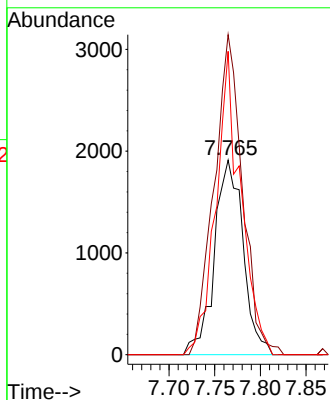


#31
Cyclohexane
Concen: 1.372 ug/l
RT: 7.765 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

Instrument :
MSVOA_Y
ClientSampleId :

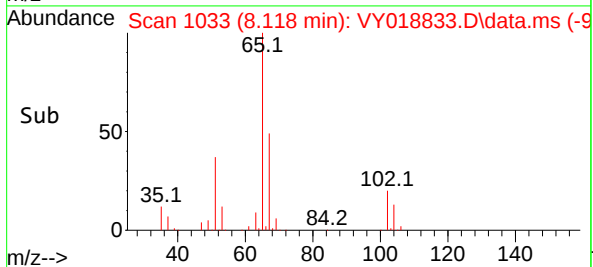
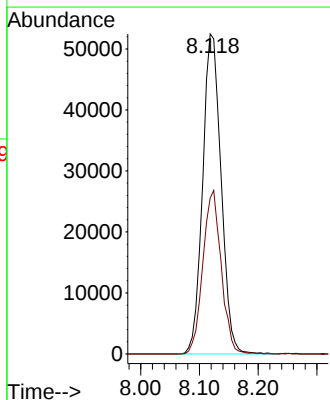
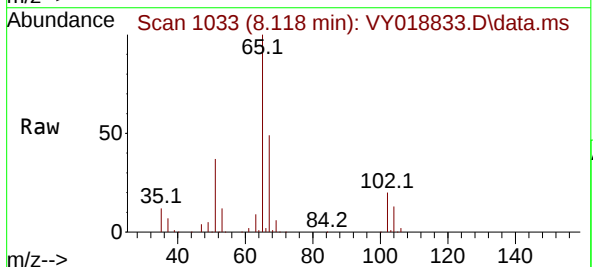


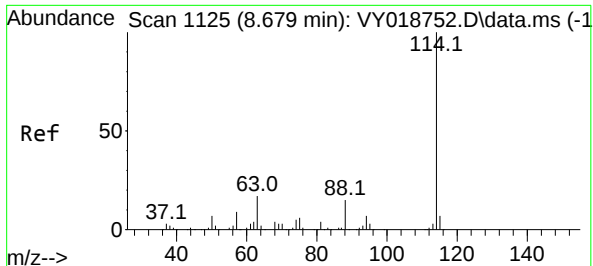
Tgt Ion: 56 Resp: 4182
Ion Ratio Lower Upper
56 100
69 164.4 28.7 43.1#
84 155.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.834 ug/l
RT: 8.118 min Scan# 1033
Delta R.T. -0.012 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

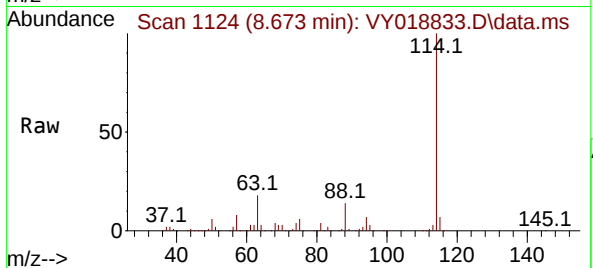
Tgt Ion: 65 Resp: 114733
Ion Ratio Lower Upper
65 100
67 50.7 0.0 109.6



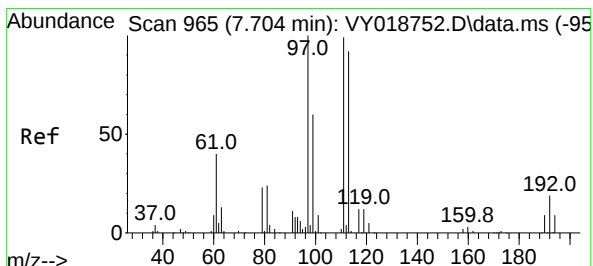
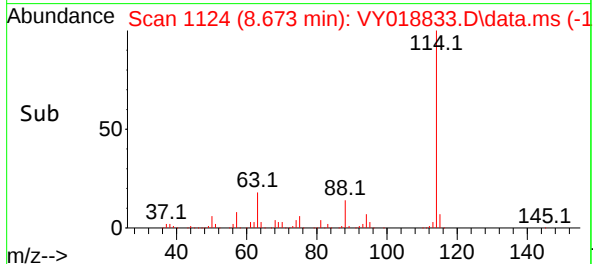
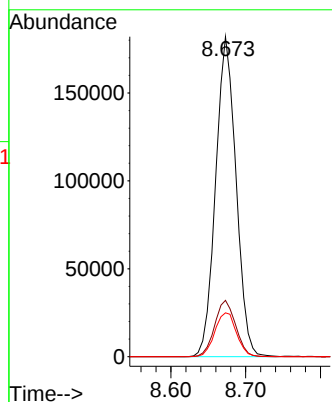


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.673 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

Instrument :
MSVOA_Y
ClientSampleId :

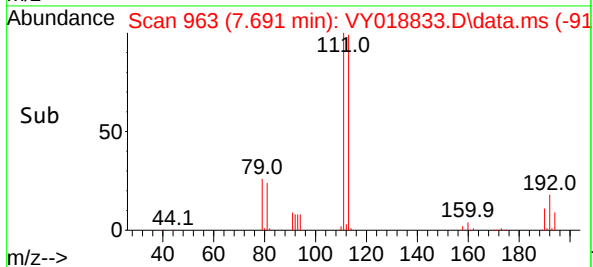
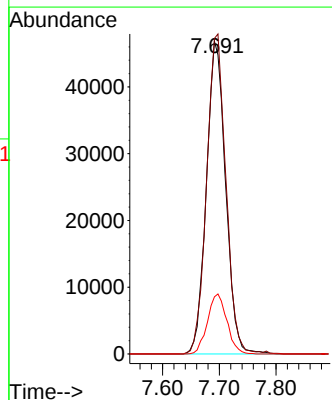
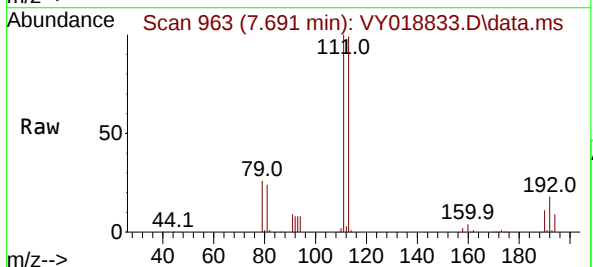


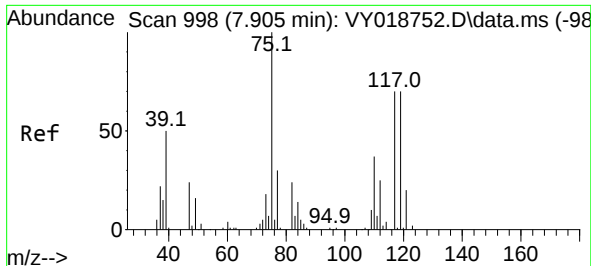
Tgt Ion:114 Resp: 345960
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.0
88 13.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.953 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.012 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

Tgt Ion:113 Resp: 110406
Ion Ratio Lower Upper
113 100
111 102.7 82.2 123.4
192 19.3 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.844 ug/l

RT: 7.765 min Scan# 91

Delta R.T. -0.140 min

Lab File: VY018833.D

Acq: 16 Jul 2024 15:30

Instrument :

MSVOA_Y

ClientSampleId :

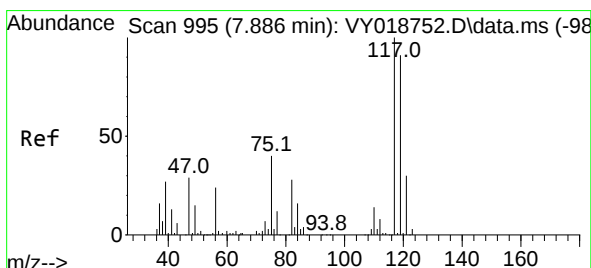
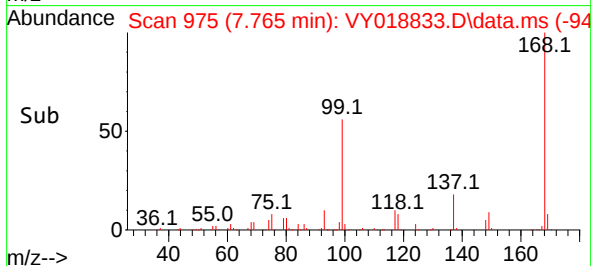
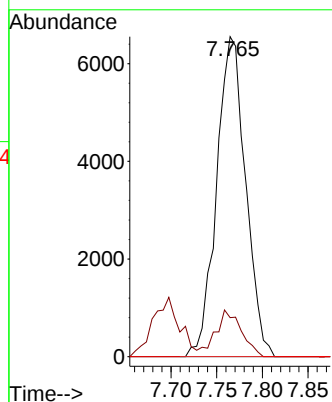
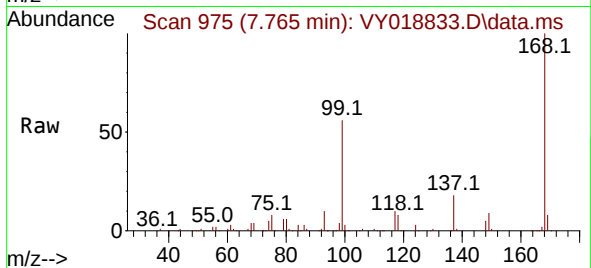
Tgt Ion: 75 Resp: 14484

Ion Ratio Lower Upper

75 100

110 12.9 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.504 ug/l

RT: 7.765 min Scan# 975

Delta R.T. -0.122 min

Lab File: VY018833.D

Acq: 16 Jul 2024 15:30

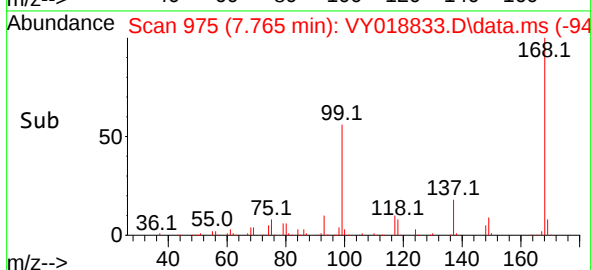
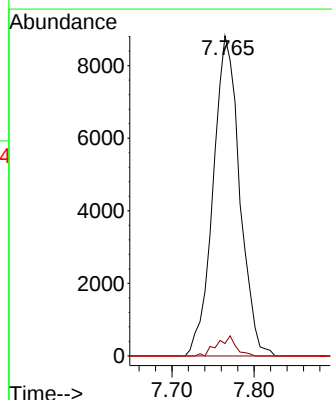
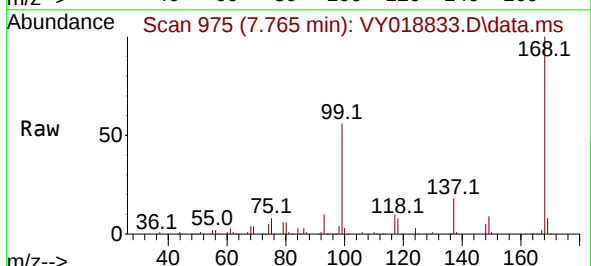
Tgt Ion:117 Resp: 19823

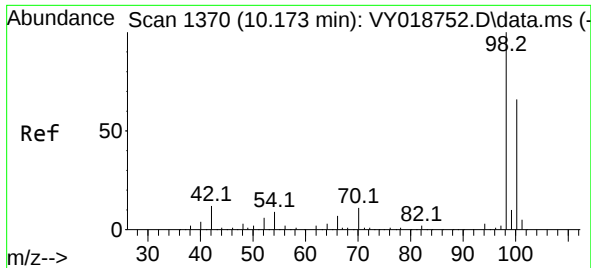
Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.6#

121 0.0 24.0 36.0#

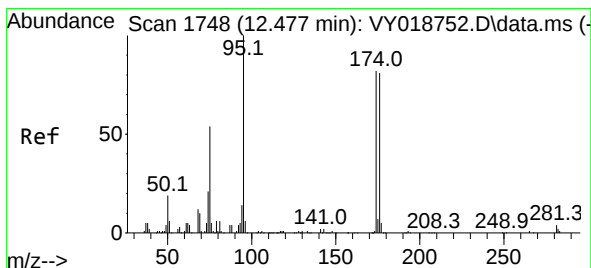
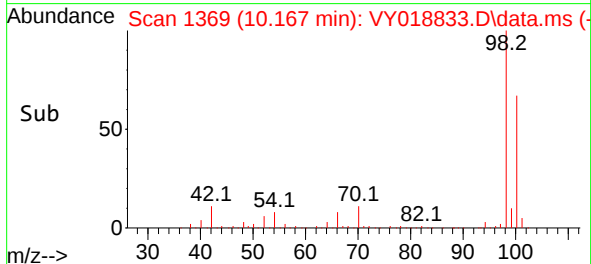
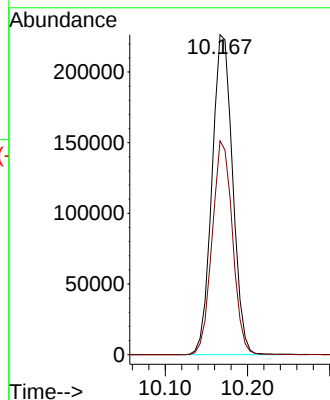
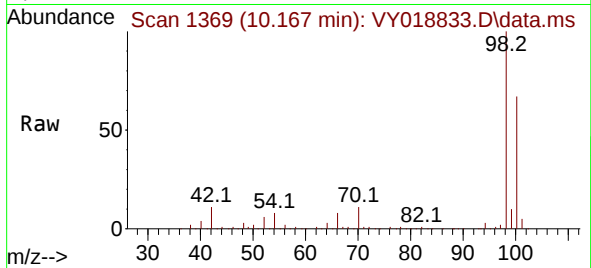




#50
Toluene-d8
Concen: 48.103 ug/l
RT: 10.167 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

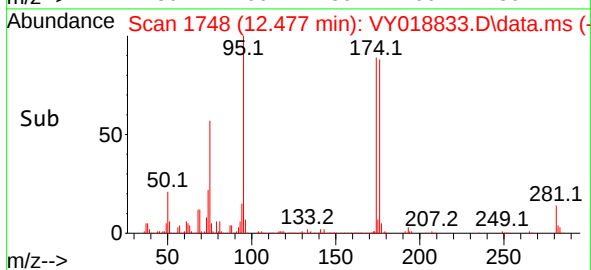
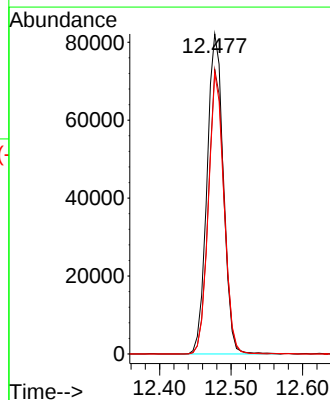
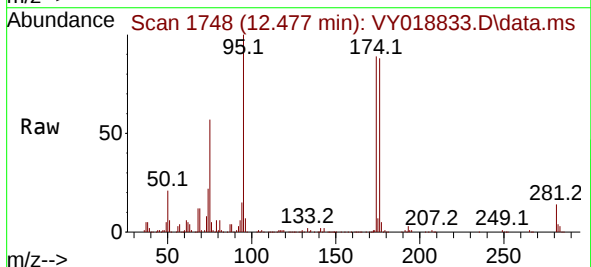
Instrument :
MSVOA_Y
ClientSampleId :

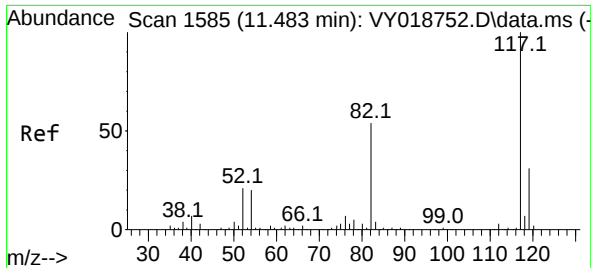
Tgt Ion: 98 Resp: 394888
Ion Ratio Lower Upper
98 100
100 65.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.375 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

Tgt Ion: 95 Resp: 130010
Ion Ratio Lower Upper
95 100
174 85.6 0.0 175.6
176 83.6 0.0 171.4

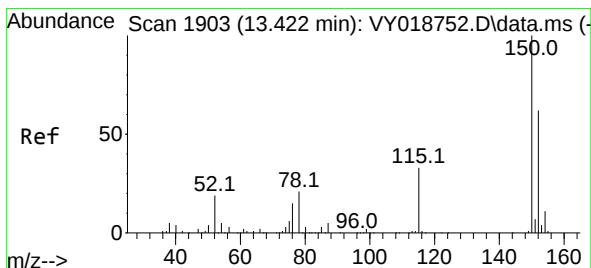
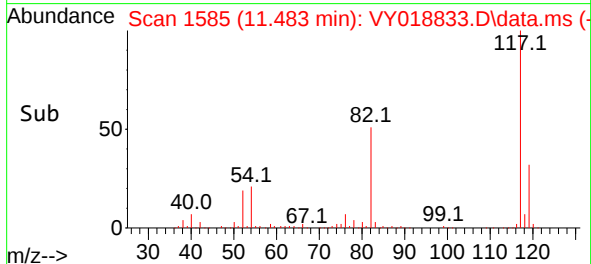
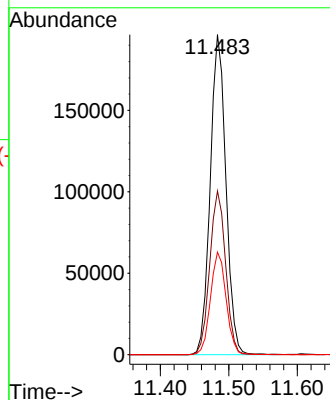
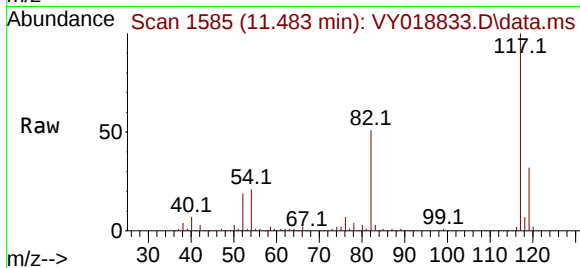




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

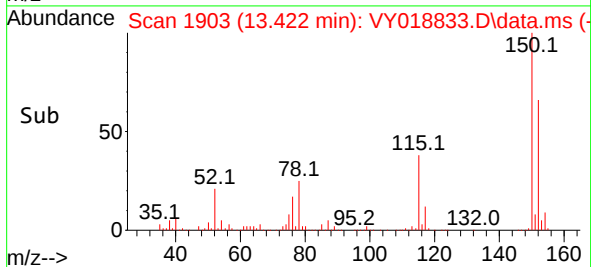
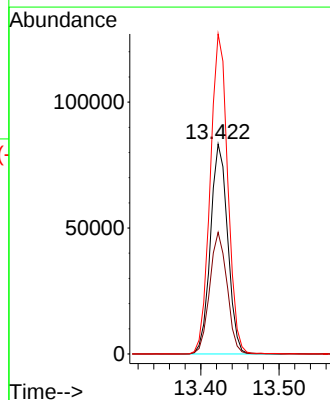
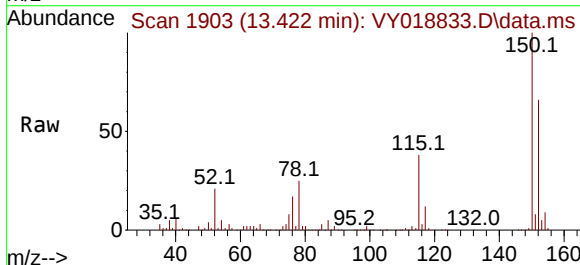
Instrument :
MSVOA_Y
ClientSampleId :

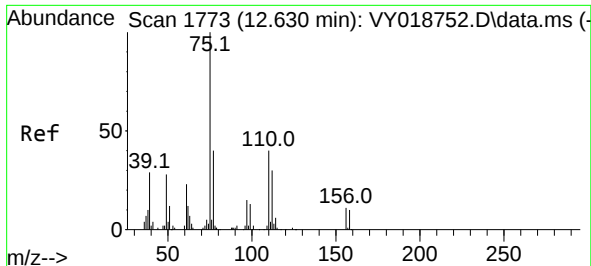
Tgt Ion:117 Resp: 313042
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 32.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

Tgt Ion:152 Resp: 127125
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 155.0 0.0 345.6

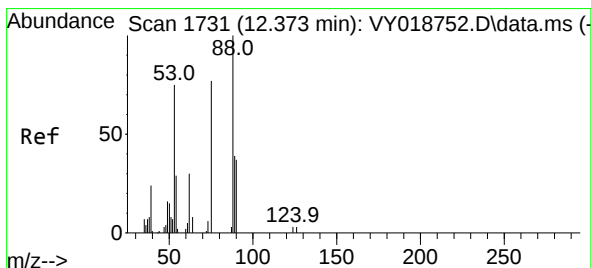
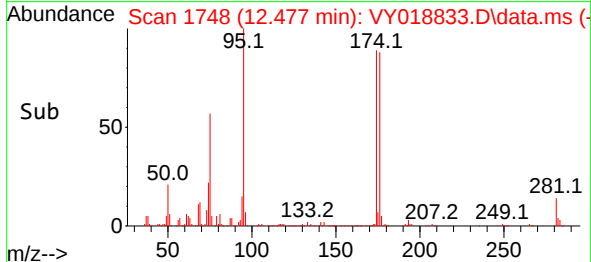
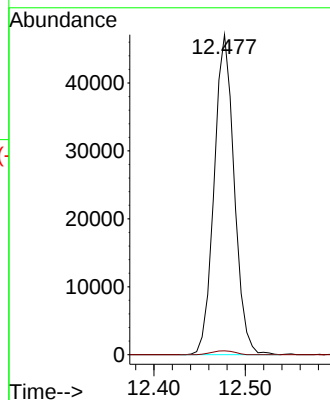
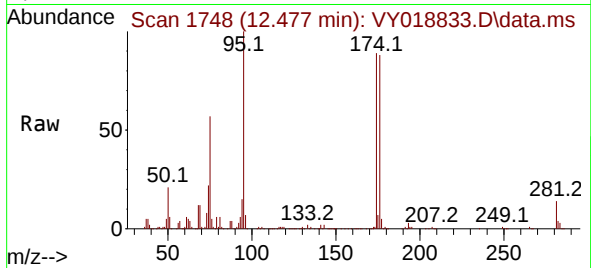




#76
1,2,3-Trichloropropane
Concen: 72.113 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 71801
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 161.394 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018833.D
Acq: 16 Jul 2024 15:30

Tgt Ion: 75 Resp: 71801
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

