

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018867.D
 Acq On : 18 Jul 2024 16:08
 Operator : SY/MD
 Sample : P3294-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 19 01:41:10 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)

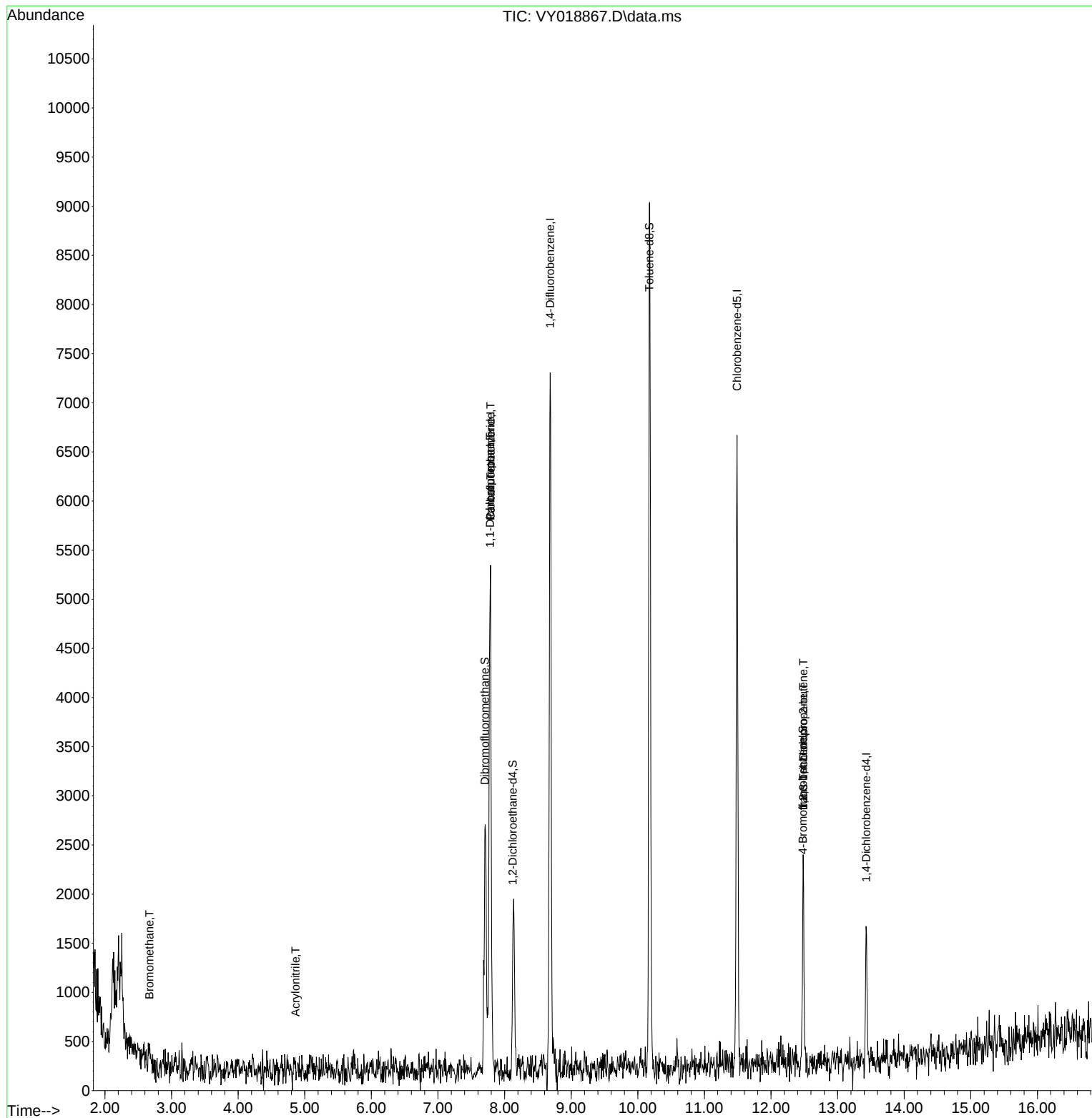
Internal Standards						
1) Pentafluorobenzene	7.789	168	4549	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.685	114	6884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	1523	34.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.040%
35) Dibromofluoromethane	7.704	113	2135	49.518	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.040%
50) Toluene-d8	10.173	98	6594	40.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.740%
62) 4-Bromofluorobenzene	12.477	95	841	15.076	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	30.160%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	80	1.716	ug/l #	3
15) Acrylonitrile	4.863	53	19	2.232	ug/l #	18
20) Methylene Chloride	4.704	84	84	Below Cal	#	51
36) 1,1-Dichloropropene	7.783	75	328	5.512	ug/l #	40
38) Carbon Tetrachloride	7.789	117	341	4.758	ug/l #	13
76) 1,2,3-Trichloropropane	12.483	75	433	114.224	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	433	255.641	ug/l #	16

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

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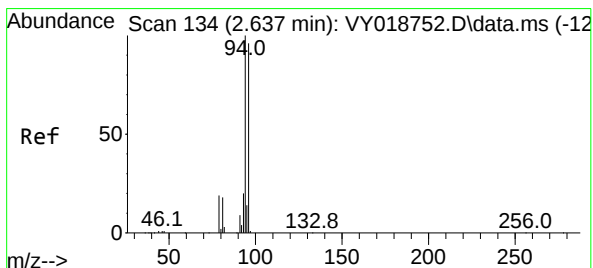
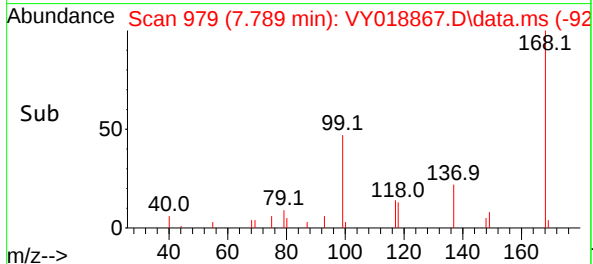
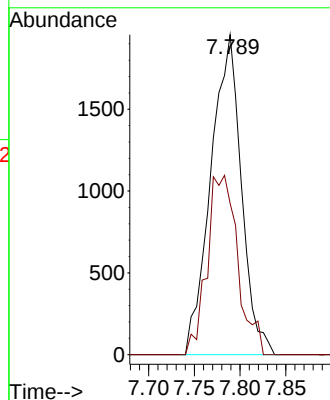
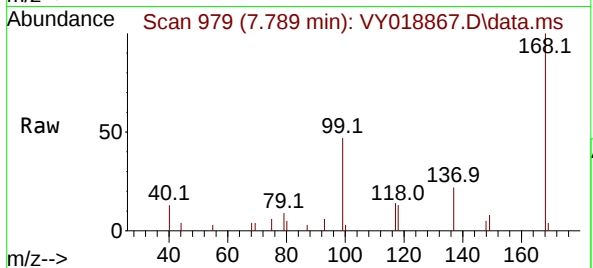




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

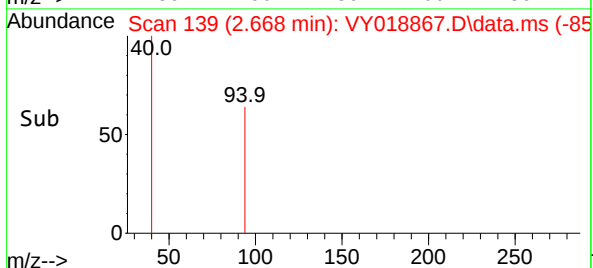
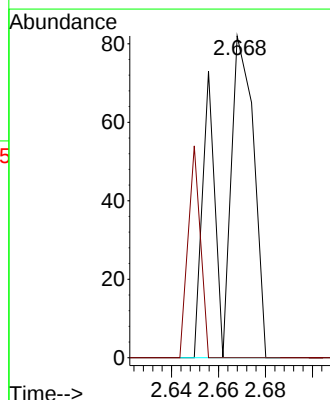
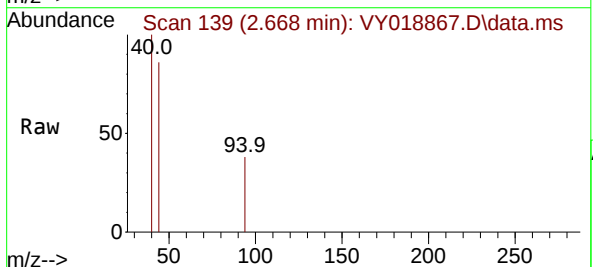
Instrument :
MSVOA_Y
ClientSampleId :

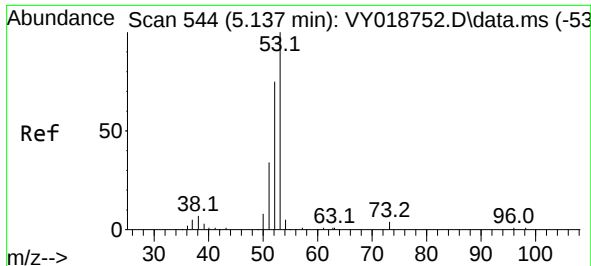
Tgt Ion:168 Resp: 4549
Ion Ratio Lower Upper
168 100
99 47.3 39.1 58.7



#5
Bromomethane
Concen: 1.716 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.031 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

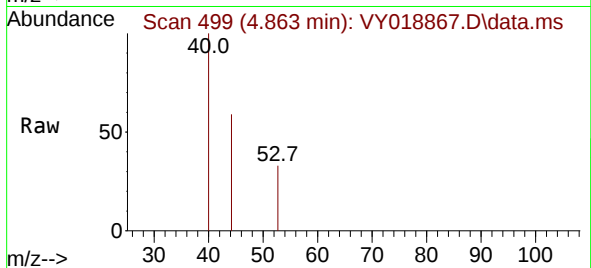
Tgt Ion: 94 Resp: 80
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#



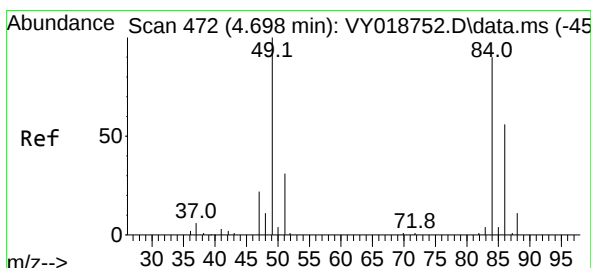
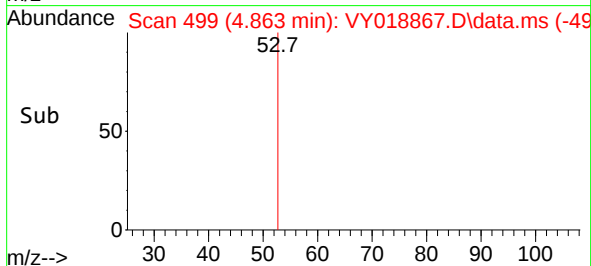
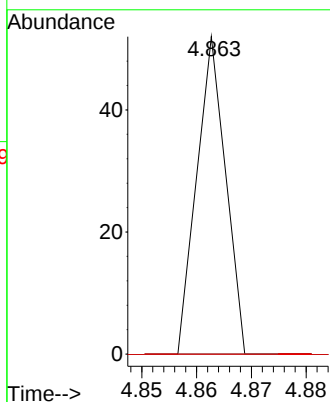


#15
Acrylonitrile
Concen: 2.232 ug/l
RT: 4.863 min Scan# 499
Delta R.T. -0.274 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

Instrument :
MSVOA_Y
ClientSampleId :

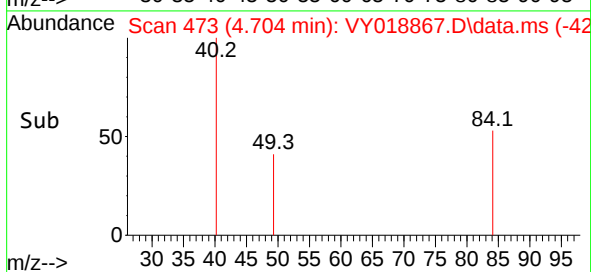
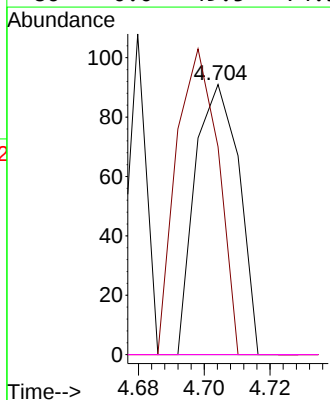
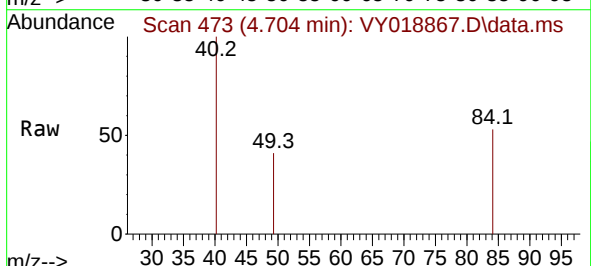


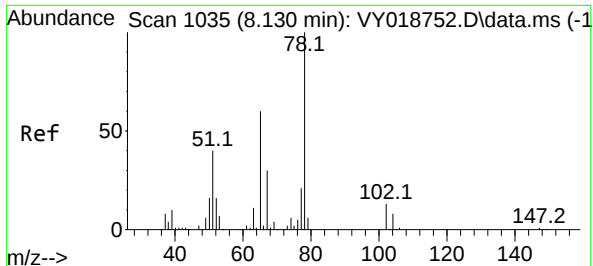
Tgt Ion: 53	Resp:	19
Ion	Ratio	Lower Upper
53	100	
52	0.0	64.7 97.1#
51	0.0	28.4 42.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

Tgt Ion: 84	Resp:	84
Ion	Ratio	Lower Upper
84	100	
49	76.9	84.4 126.6#
51	0.0	26.0 39.0#
86	0.0	49.5 74.3#





#33

1,2-Dichloroethane-d4

Concen: 34.024 ug/l

RT: 8.124 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VY018867.D

Acq: 18 Jul 2024 16:08

Instrument :

MSVOA_Y

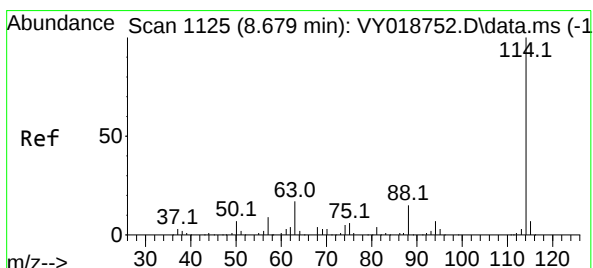
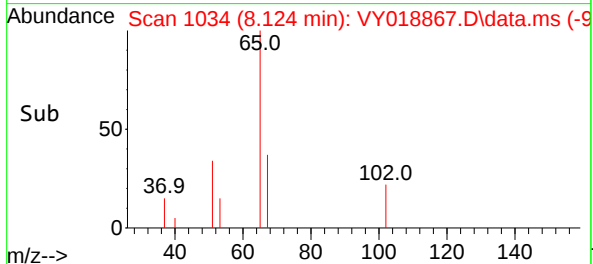
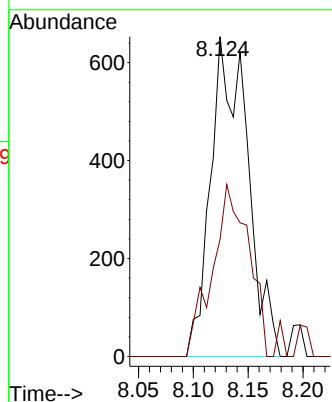
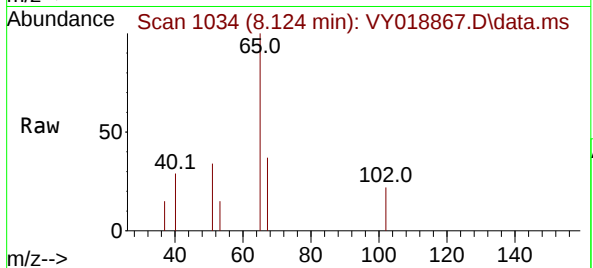
ClientSampleId :

Tgt Ion: 65 Resp: 1523

Ion Ratio Lower Upper

65 100

67 53.5 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: VY018867.D

Acq: 18 Jul 2024 16:08

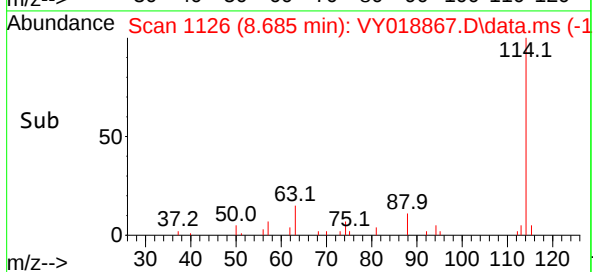
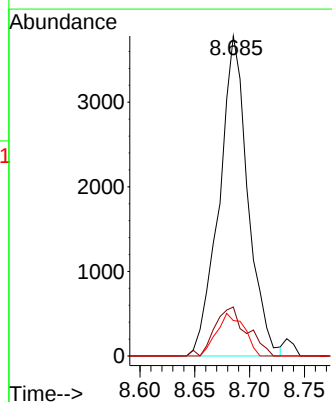
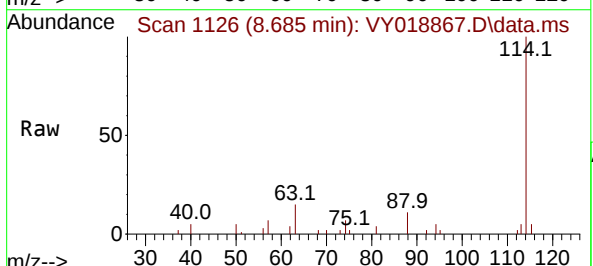
Tgt Ion:114 Resp: 6884

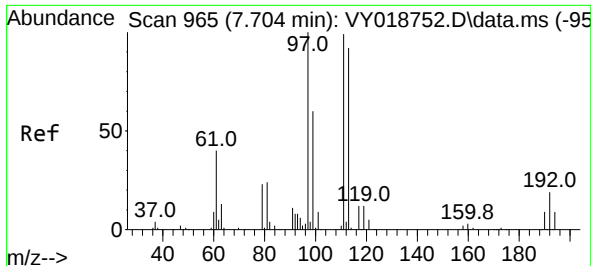
Ion Ratio Lower Upper

114 100

63 15.3 0.0 35.0

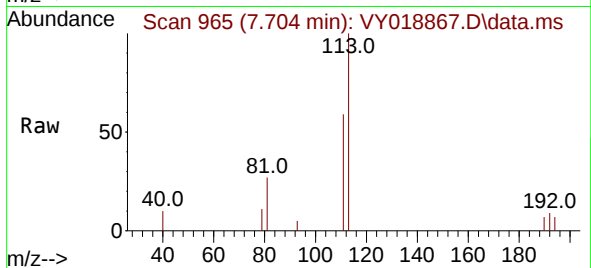
88 11.0 0.0 27.2



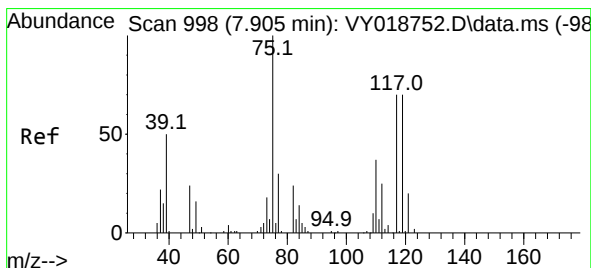
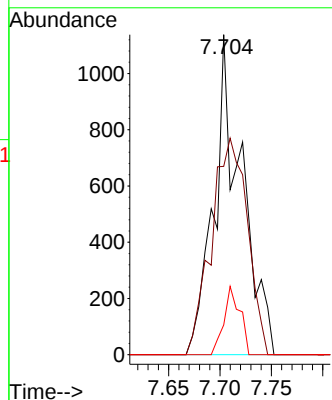
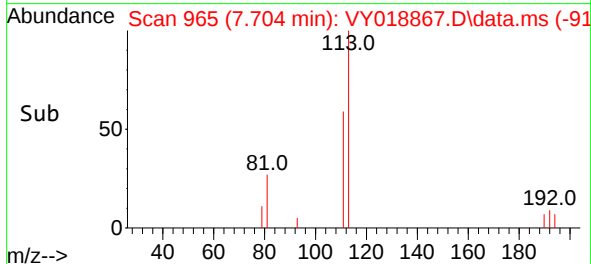


#35
Dibromofluoromethane
Concen: 49.518 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

Instrument :
MSVOA_Y
ClientSampleId :

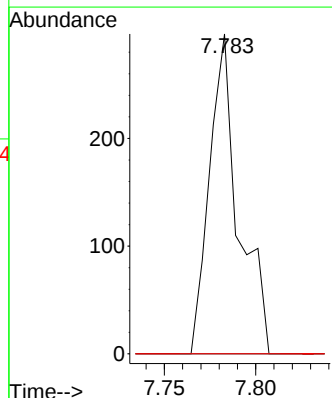
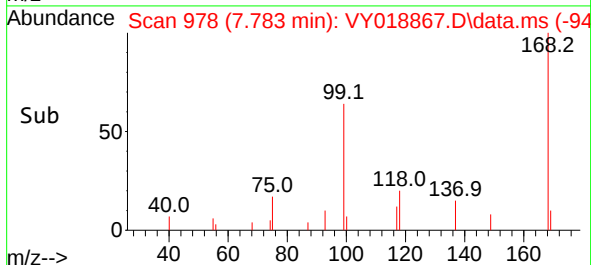
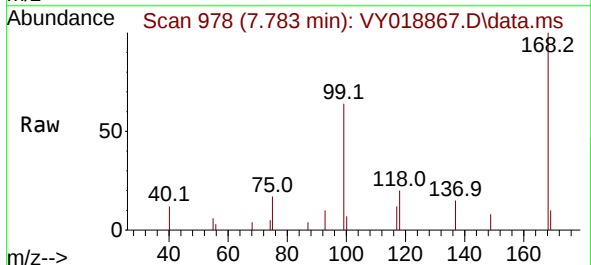


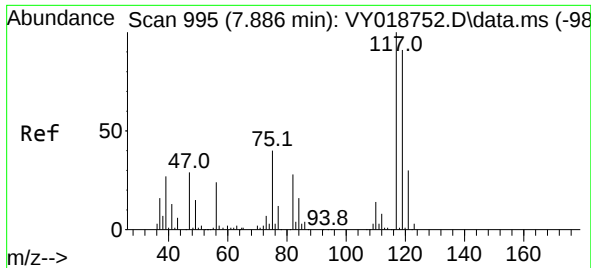
Tgt Ion:113 Resp: 2135
Ion Ratio Lower Upper
113 100
111 87.8 82.2 123.4
192 12.3 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 5.512 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

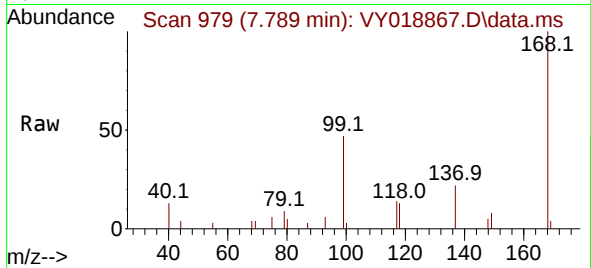
Tgt Ion: 75 Resp: 328
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



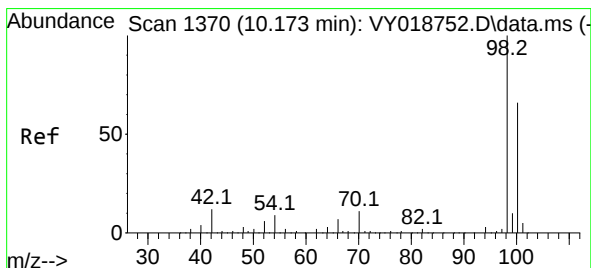
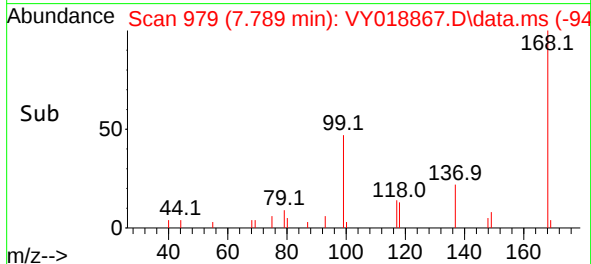
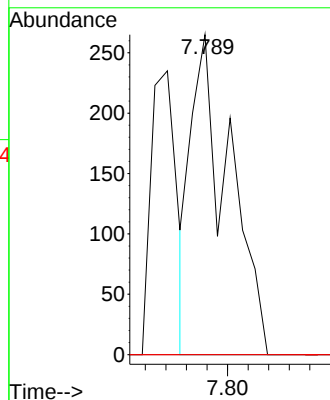


#38
Carbon Tetrachloride
Concen: 4.758 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

Instrument :
MSVOA_Y
ClientSampleId :

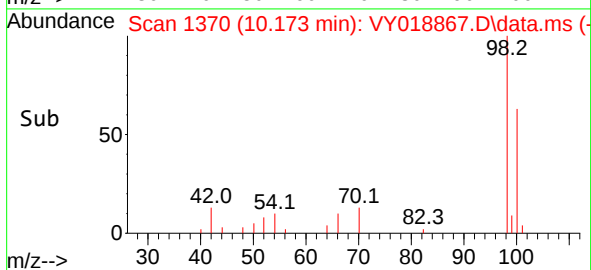
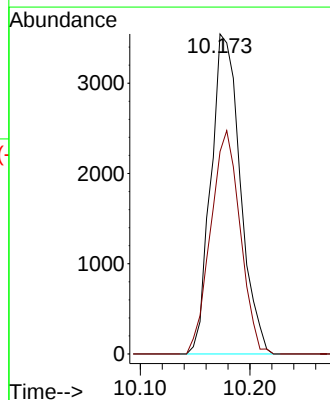
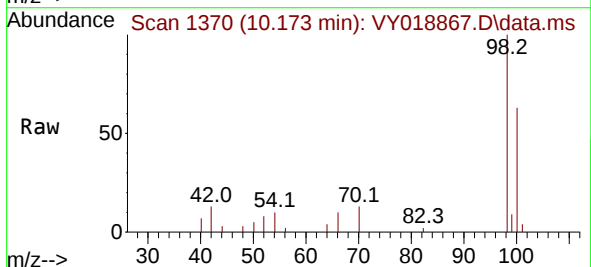


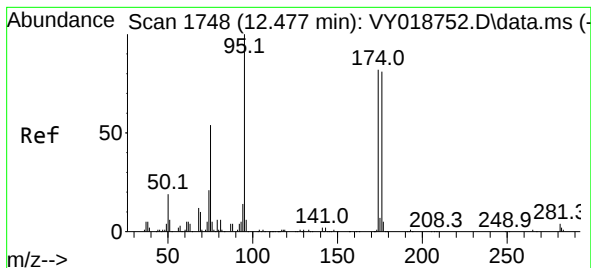
Tgt Ion:117 Resp: 341
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 40.368 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

Tgt Ion: 98 Resp: 6594
Ion Ratio Lower Upper
98 100
100 70.3 52.0 78.0

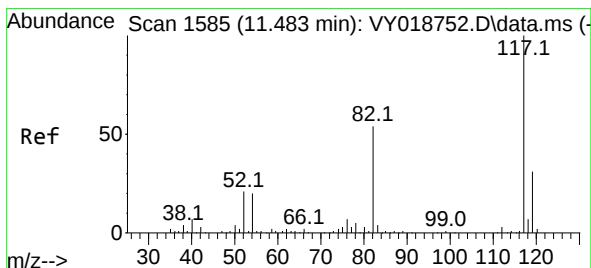
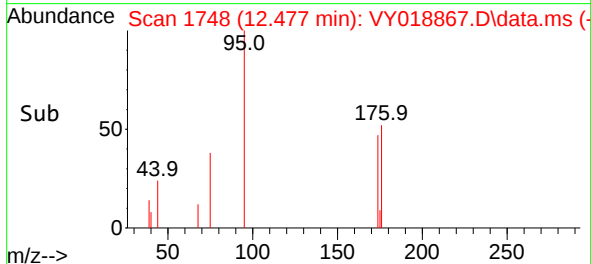
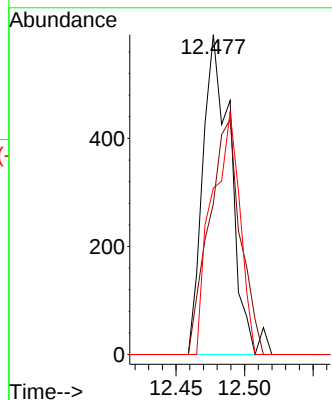
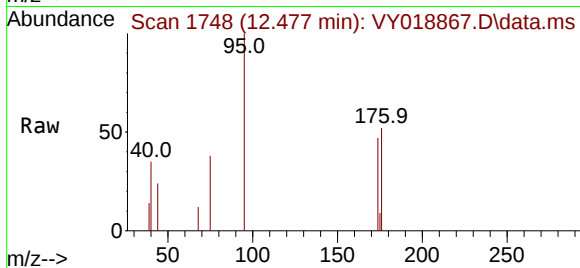




#62
4-Bromofluorobenzene
Concen: 15.076 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

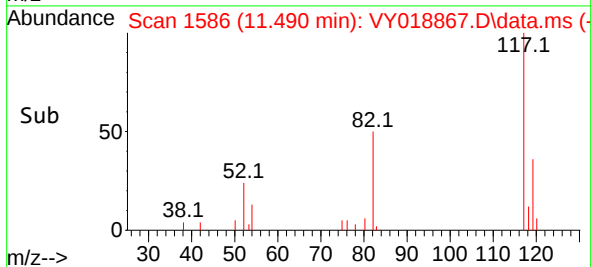
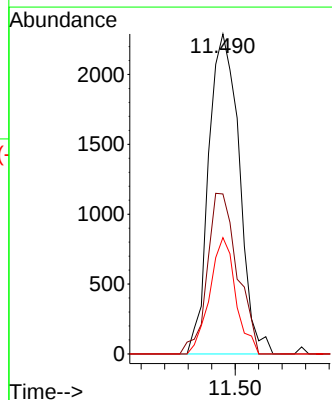
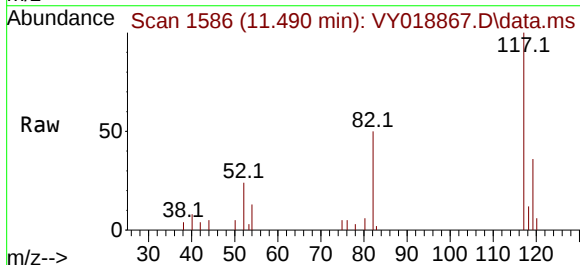
Instrument :
MSVOA_Y
ClientSampleId :

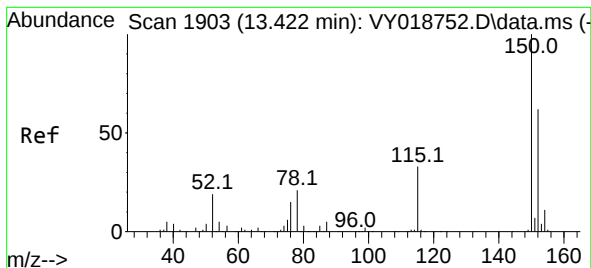
Tgt Ion: 95 Resp: 841
Ion Ratio Lower Upper
95 100
174 82.5 0.0 175.6
176 75.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018867.D
Acq: 18 Jul 2024 16:08

Tgt Ion: 117 Resp: 4126
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 36.3 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY018867.D

Acq: 18 Jul 2024 16:08

Instrument :

MSVOA_Y

ClientSampleId :

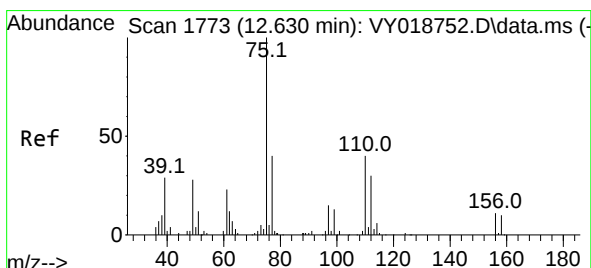
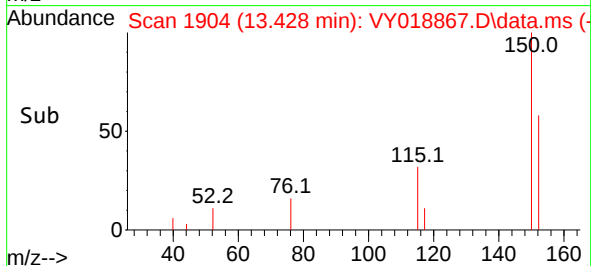
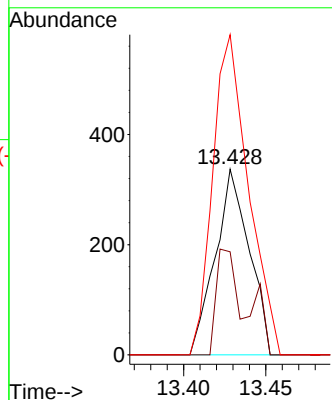
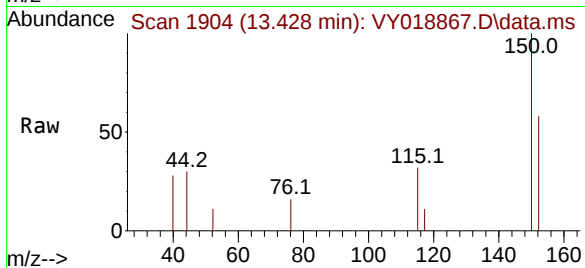
Tgt Ion:152 Resp: 484

Ion Ratio Lower Upper

152 100

115 48.6 28.2 84.7

150 181.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 114.224 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY018867.D

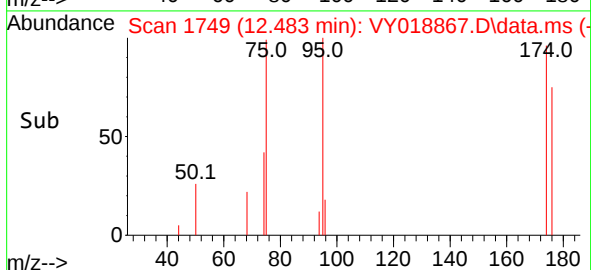
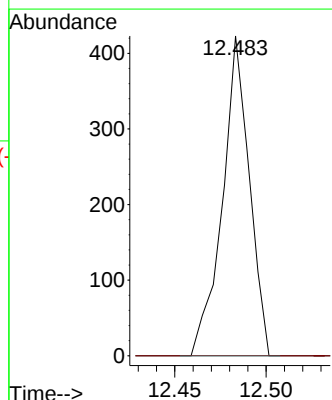
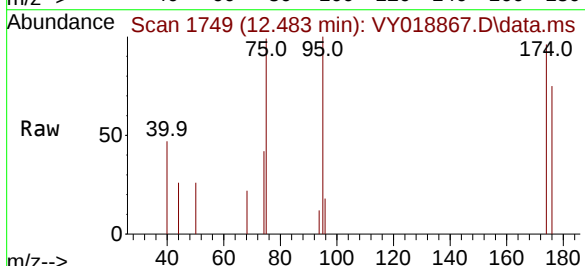
Acq: 18 Jul 2024 16:08

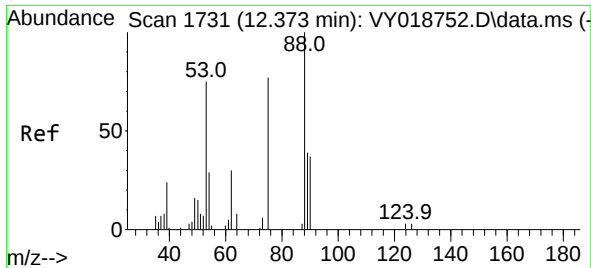
Tgt Ion: 75 Resp: 433

Ion Ratio Lower Upper

75 100

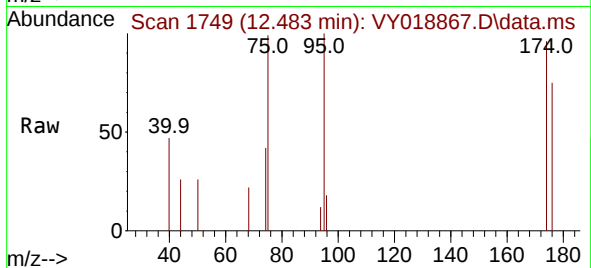
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 255.641 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY018867.D
 Acq: 18 Jul 2024 16:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 433
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

