

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018868.D
 Acq On : 18 Jul 2024 16:32
 Operator : SY/MD
 Sample : P3294-05
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 19 01:41:30 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)

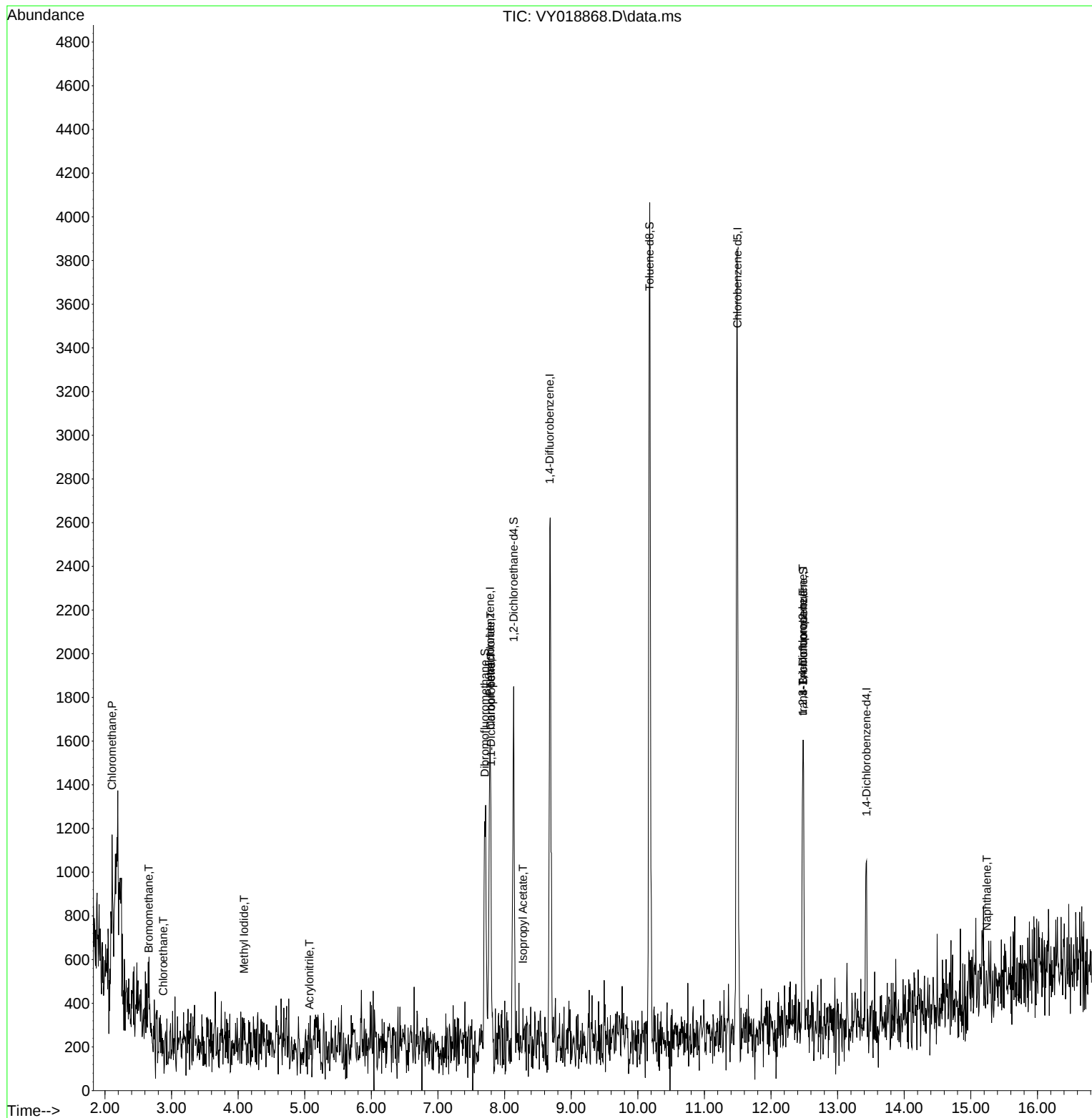
Internal Standards						
1) Pentafluorobenzene	7.783	168	1634	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.679	114	2434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	2294	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	242	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	1090	67.791	ug/l	0.00
Spiked Amount	50.000	Range 50	- 163	Recovery	=	135.580%
35) Dibromofluoromethane	7.704	113	800	52.477	ug/l	0.00
Spiked Amount	50.000	Range 54	- 147	Recovery	=	104.960%
50) Toluene-d8	10.179	98	2899	50.194	ug/l	0.00
Spiked Amount	50.000	Range 58	- 134	Recovery	=	100.380%
62) 4-Bromofluorobenzene	12.483	95	561	28.443	ug/l	0.00
Spiked Amount	50.000	Range 30	- 143	Recovery	=	56.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	90	4.326	ug/l #	43
5) Bromomethane	2.656	94	71	4.241	ug/l #	1
6) Chloroethane	2.875	64	50	3.162	ug/l #	42
10) Methyl Iodide	4.088	142	62	3.528	ug/l #	42
15) Acrylonitrile	5.070	53	24	7.848	ug/l #	18
36) 1,1-Dichloropropene	7.795	75	35	1.664	ug/l #	40
38) Carbon Tetrachloride	7.789	117	50	1.973	ug/l #	13
43) Isopropyl Acetate	8.277	43	23	1.322	ug/l #	47
76) 1,2,3-Trichloropropane	12.477	75	410	216.314	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	410	484.124	ug/l #	16
95) Naphthalene	15.239	128	62	8.253	ug/l #	69

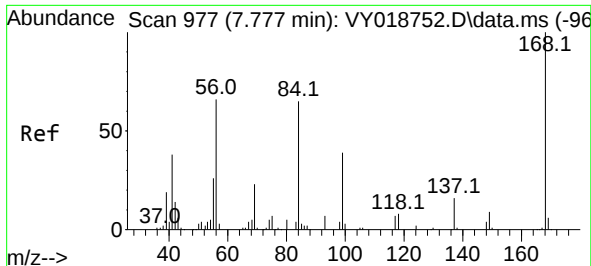
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
Data File : VY018868.D
Acq On : 18 Jul 2024 16:32
Operator : SY/MD
Sample : P3294-05
Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

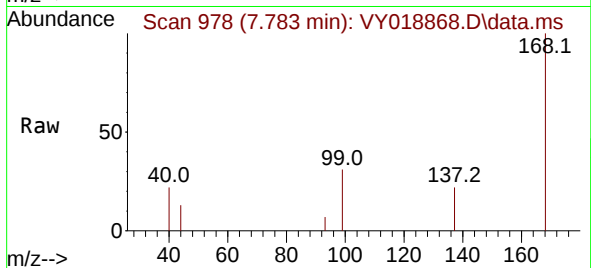
Quant Time: Jul 19 01:41:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



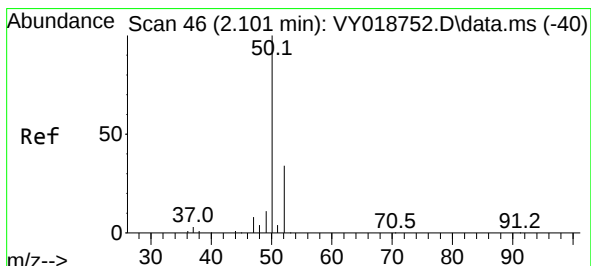
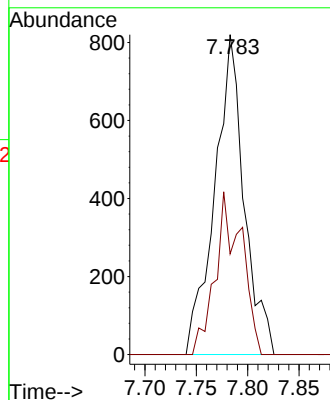
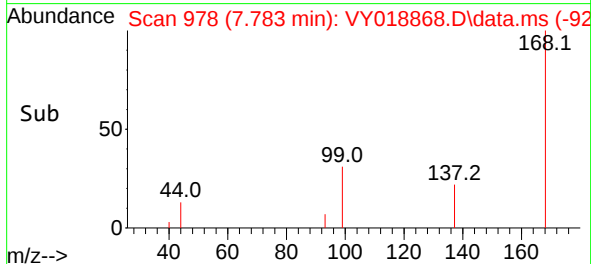


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

Instrument :
MSVOA_Y
ClientSampleId :

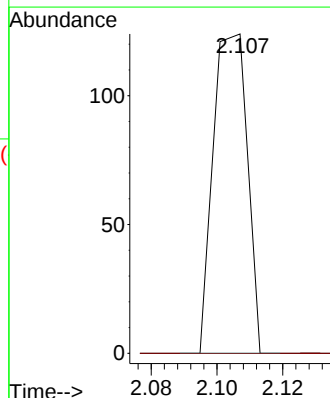
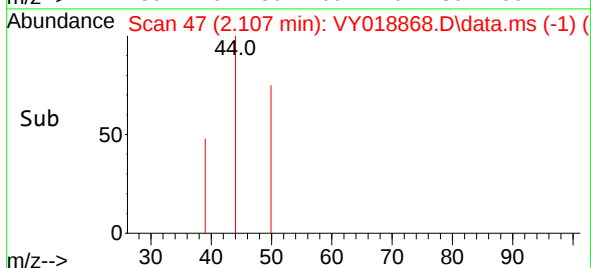
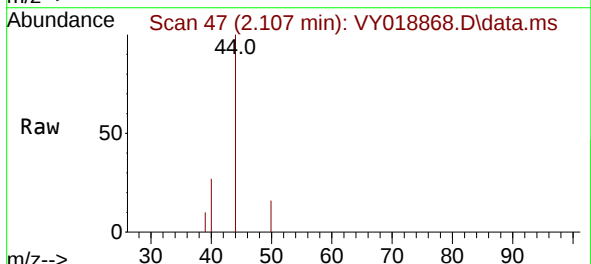


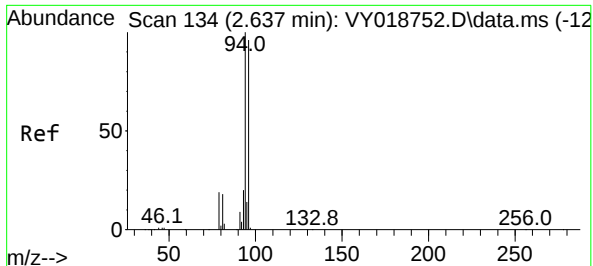
Tgt Ion:168 Resp: 1634
Ion Ratio Lower Upper
168 100
99 31.5 39.1 58.7#



#3
Chloromethane
Concen: 4.326 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.006 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

Tgt Ion: 50 Resp: 90
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

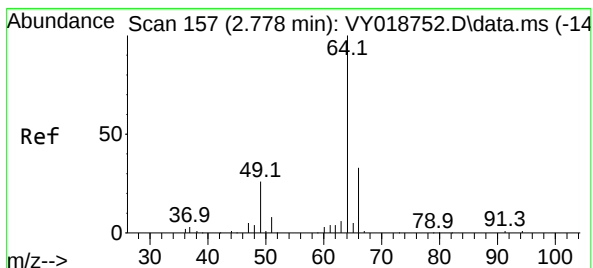
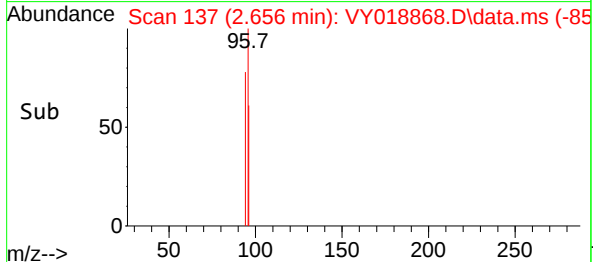
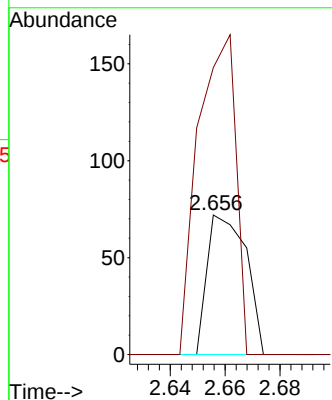
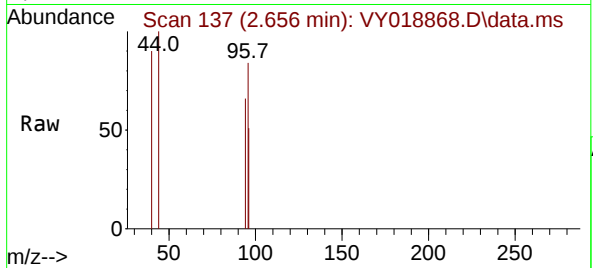




#5
Bromomethane
Concen: 4.241 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

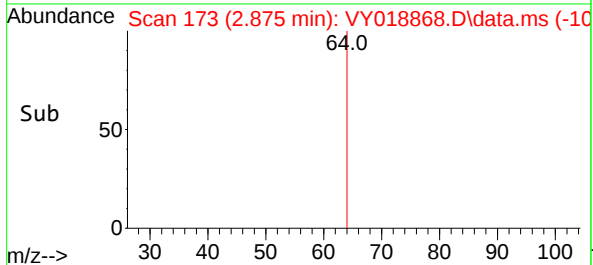
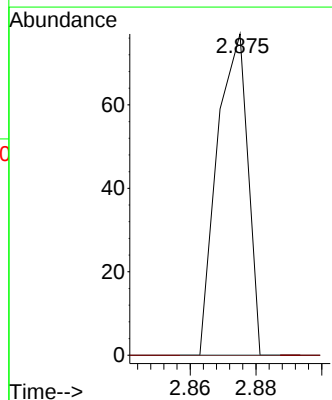
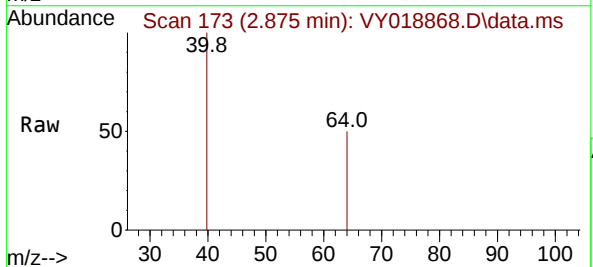
Instrument :
MSVOA_Y
ClientSampleId :

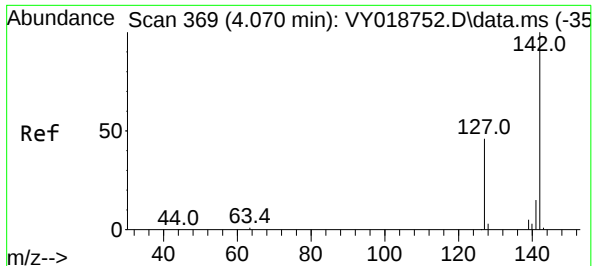
Tgt Ion: 94 Resp: 71
Ion Ratio Lower Upper
94 100
96 205.6 74.1 111.1#



#6
Chloroethane
Concen: 3.162 ug/l
RT: 2.875 min Scan# 173
Delta R.T. 0.098 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

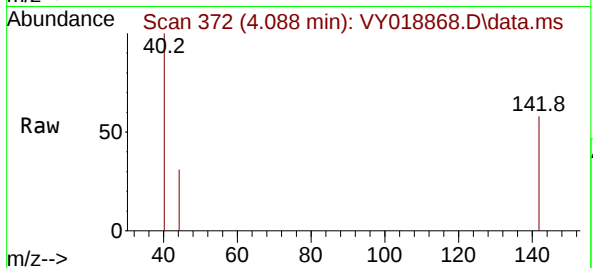
Tgt Ion: 64 Resp: 50
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



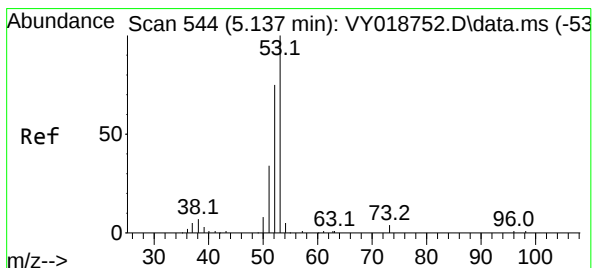
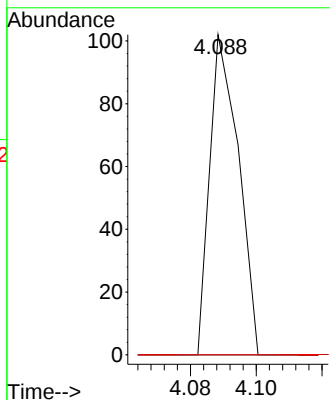
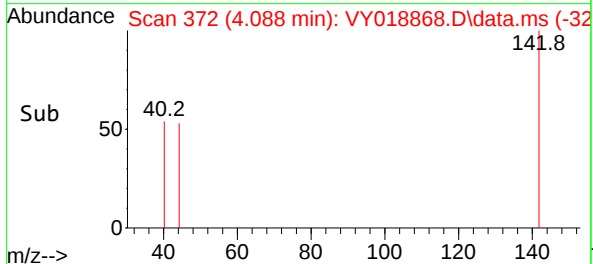


#10
Methyl Iodide
Concen: 3.528 ug/l
RT: 4.088 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

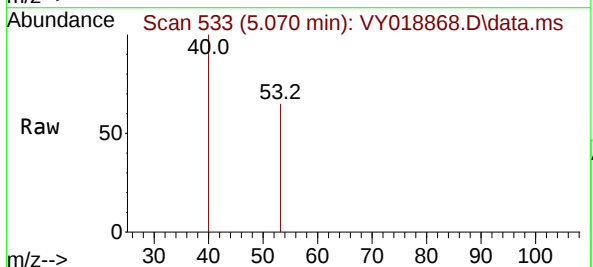
Instrument :
MSVOA_Y
ClientSampleId :



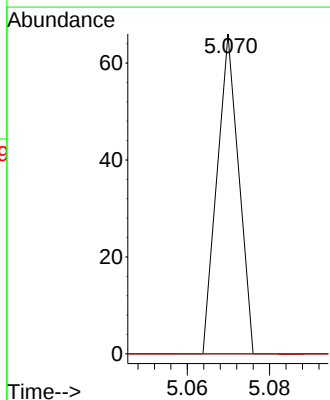
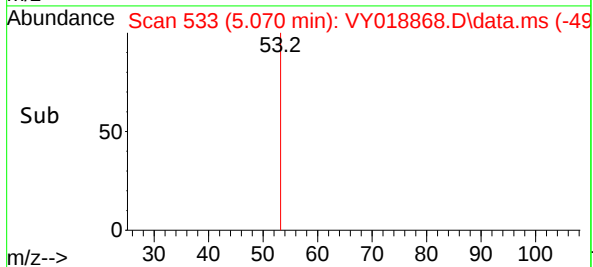
Tgt Ion:142 Resp: 62
Ion Ratio Lower Upper
142 100
127 0.0 32.8 49.2#
141 0.0 11.4 17.2#

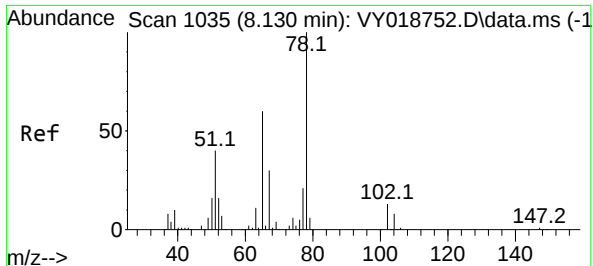


#15
Acrylonitrile
Concen: 7.848 ug/l
RT: 5.070 min Scan# 533
Delta R.T. -0.067 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32



Tgt Ion: 53 Resp: 24
Ion Ratio Lower Upper
53 100
52 0.0 64.7 97.1#
51 0.0 28.4 42.6#





#33

1,2-Dichloroethane-d4

Concen: 67.791 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY018868.D

Acq: 18 Jul 2024 16:32

Instrument :

MSVOA_Y

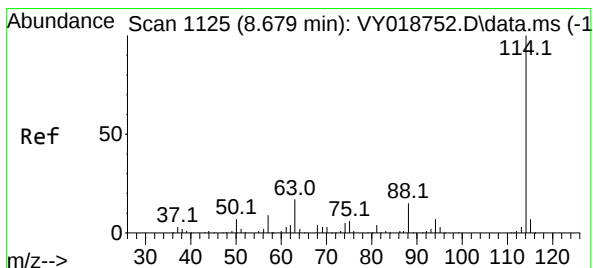
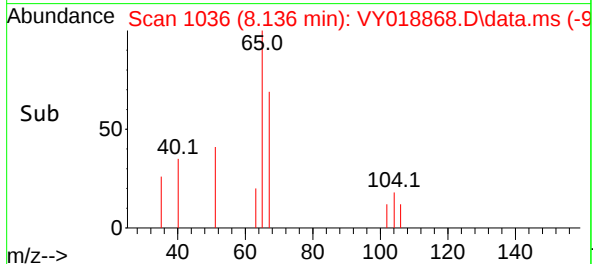
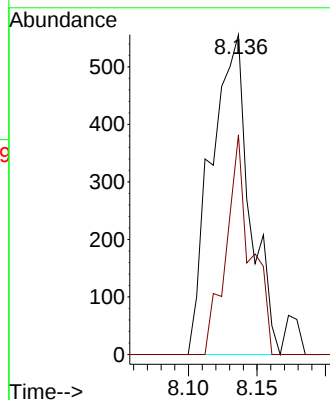
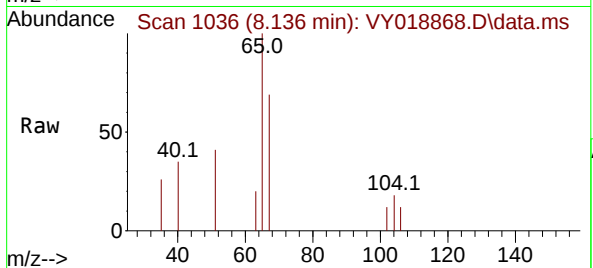
ClientSampleId :

Tgt Ion: 65 Resp: 1090

Ion Ratio Lower Upper

65 100

67 44.3 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: VY018868.D

Acq: 18 Jul 2024 16:32

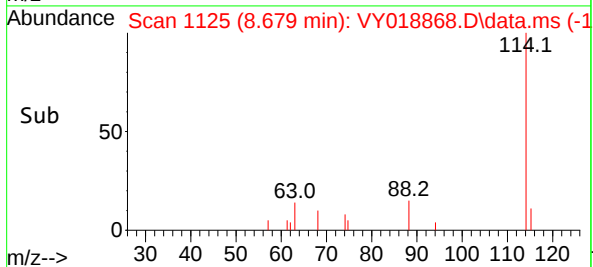
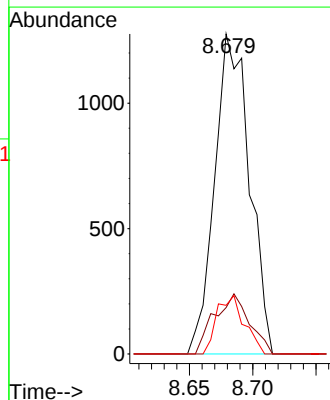
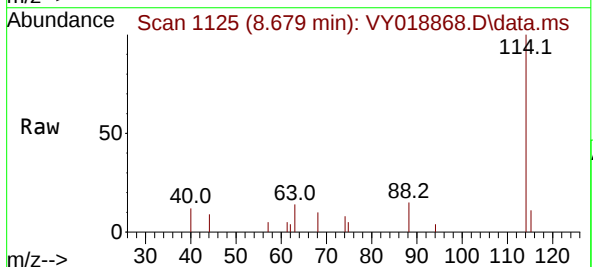
Tgt Ion: 114 Resp: 2434

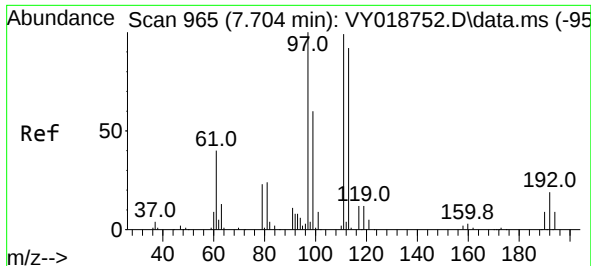
Ion Ratio Lower Upper

114 100

63 14.5 0.0 35.0

88 15.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 52.477 ug/l

RT: 7.704 min Scan# 91

Delta R.T. -0.000 min

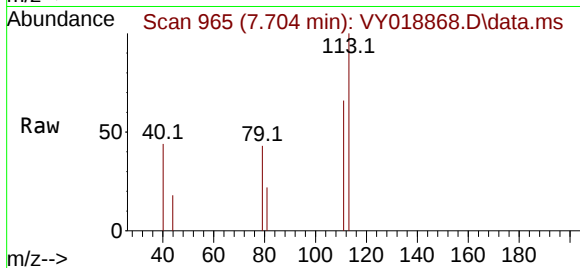
Lab File: VY018868.D

Acq: 18 Jul 2024 16:32

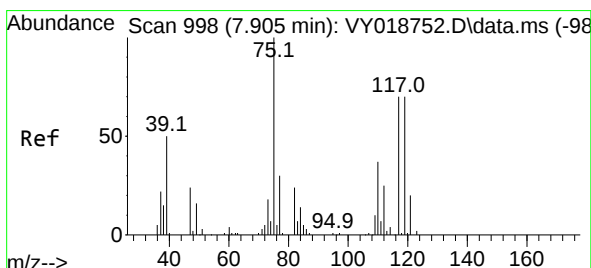
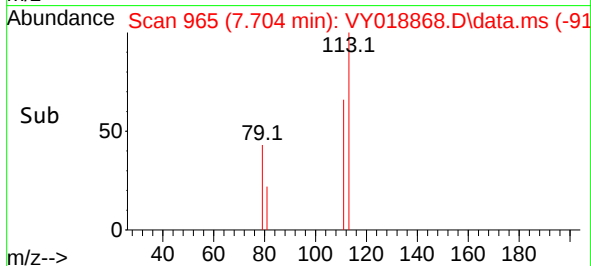
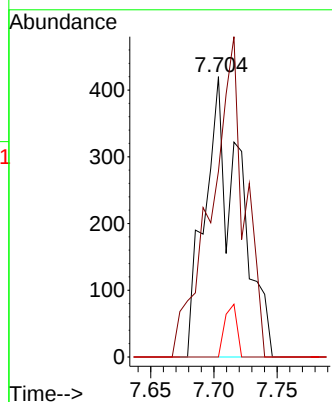
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	800
Ion	Ratio	Lower	Upper
113	100		
111	109.5	82.2	123.4
192	6.5	15.9	23.9#



#36

1,1-Dichloropropene

Concen: 1.664 ug/l

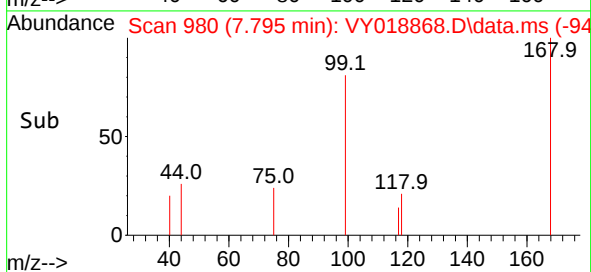
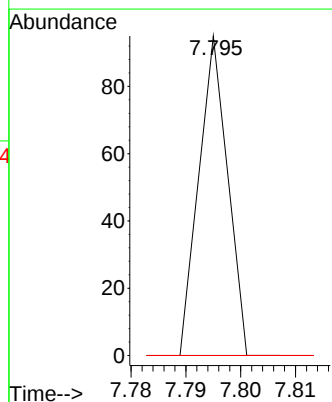
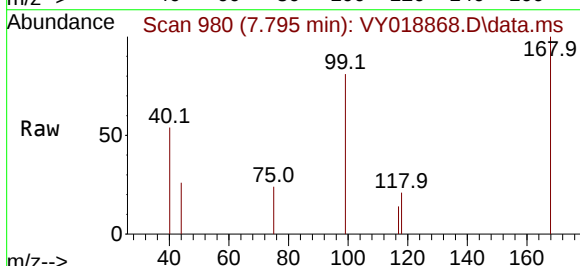
RT: 7.795 min Scan# 980

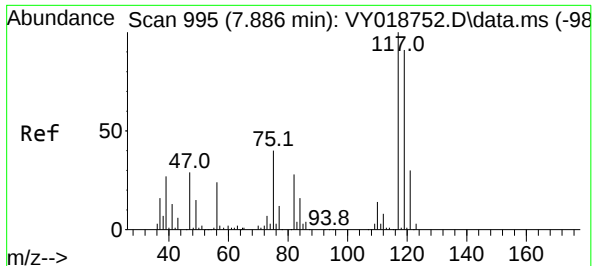
Delta R.T. -0.110 min

Lab File: VY018868.D

Acq: 18 Jul 2024 16:32

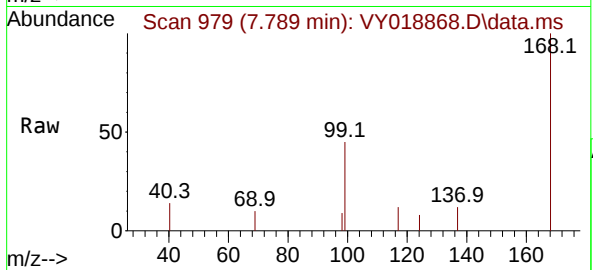
Tgt Ion:	75	Resp:	35
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.0	57.0#
77	0.0	25.3	37.9#



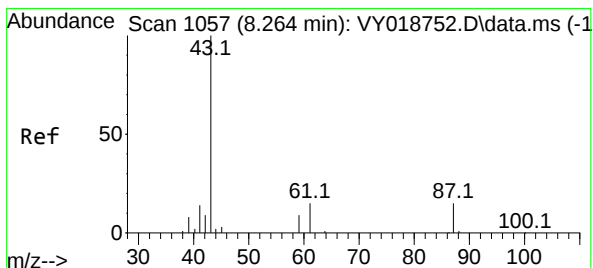
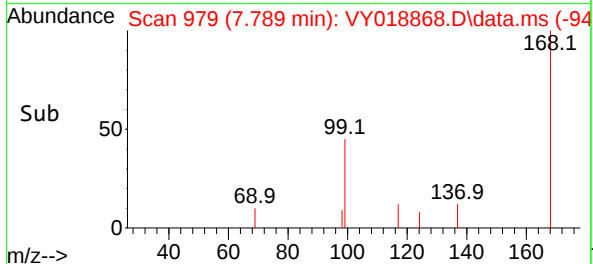
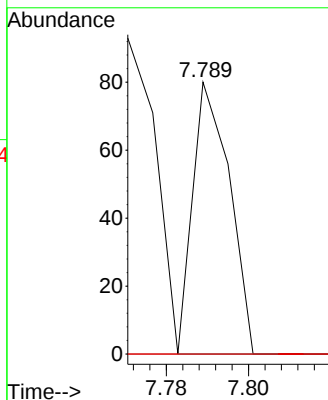


#38
Carbon Tetrachloride
Concen: 1.973 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

Instrument :
MSVOA_Y
ClientSampleId :

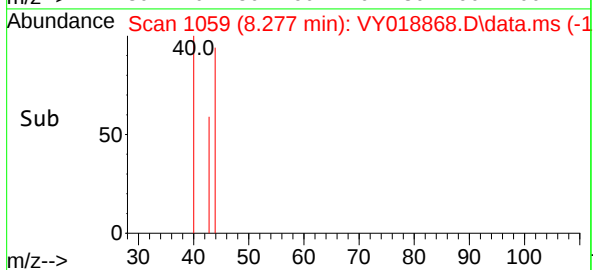
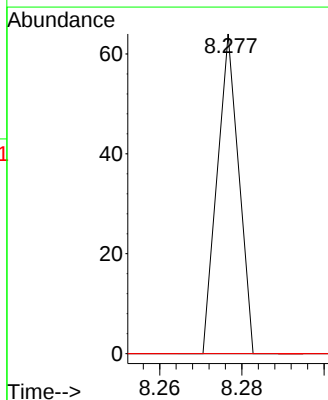
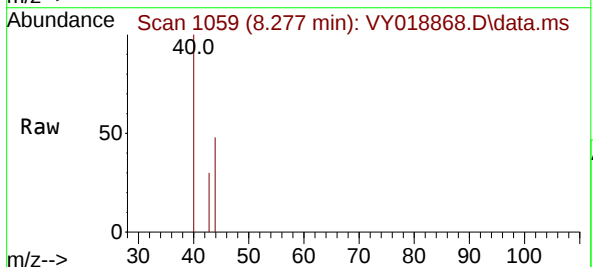


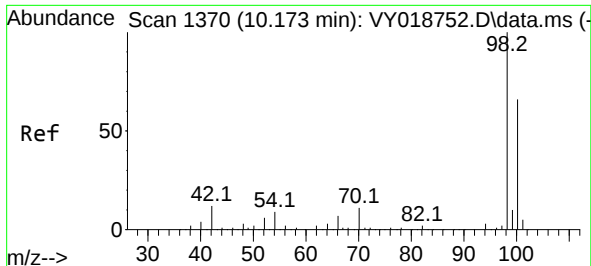
Tgt Ion:117 Resp: 50
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#43
Isopropyl Acetate
Concen: 1.322 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

Tgt Ion: 43 Resp: 23
Ion Ratio Lower Upper
43 100
61 0.0 27.9 41.9#
87 0.0 13.1 19.7#

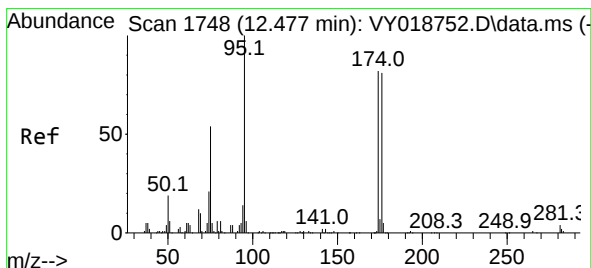
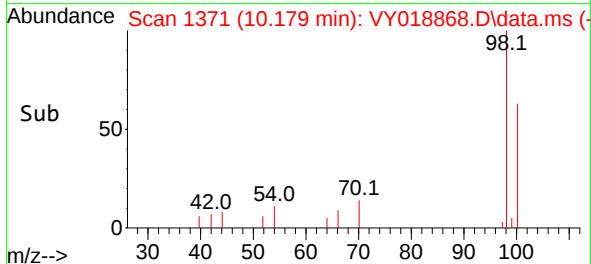
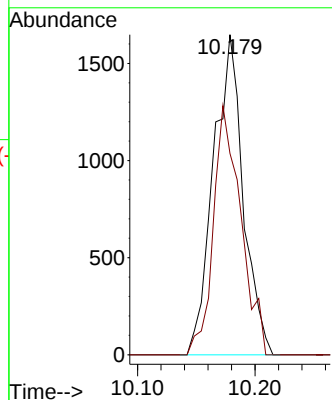
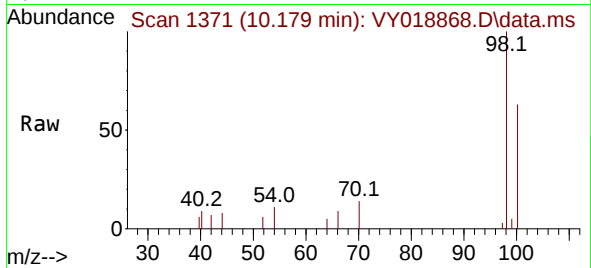




#50
Toluene-d8
Concen: 50.194 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

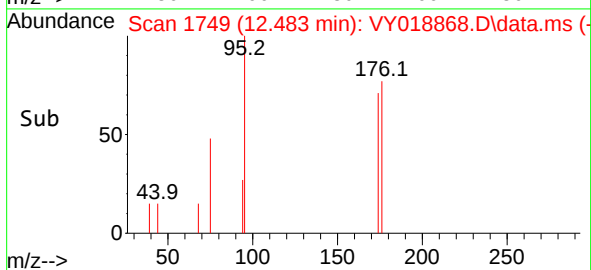
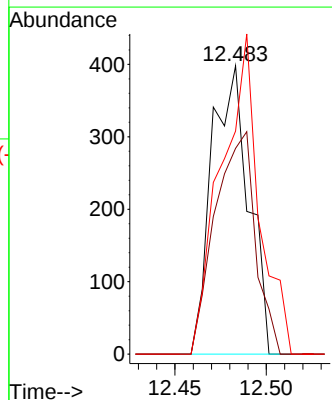
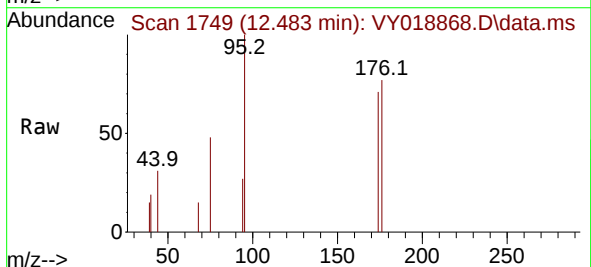
Instrument :
MSVOA_Y
ClientSampleId :

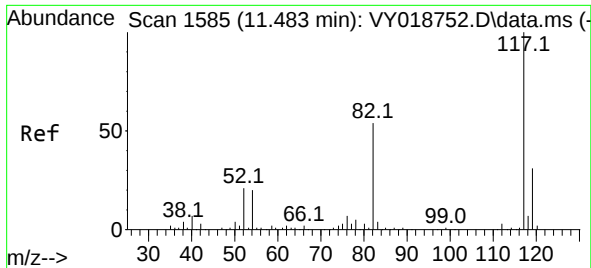
Tgt Ion: 98 Resp: 2899
Ion Ratio Lower Upper
98 100
100 71.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 28.443 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

Tgt Ion: 95 Resp: 561
Ion Ratio Lower Upper
95 100
174 83.4 0.0 175.6
176 113.5 0.0 171.4

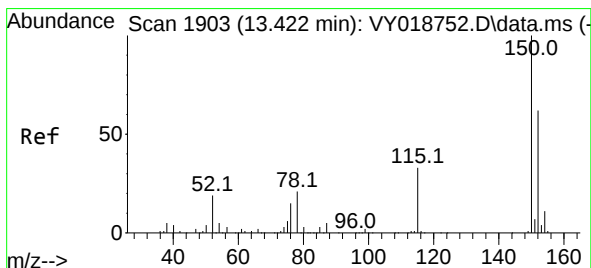
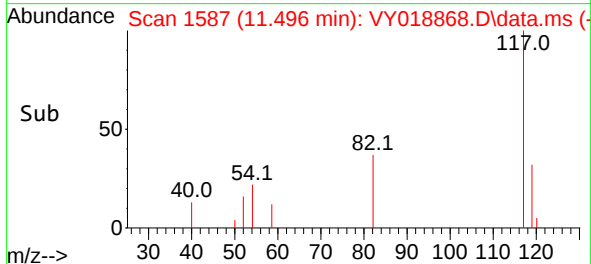
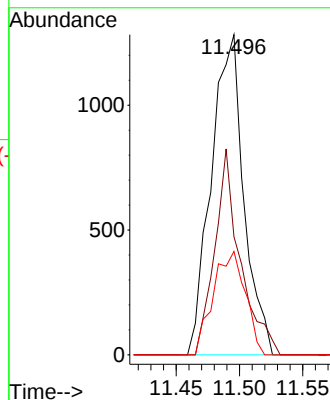
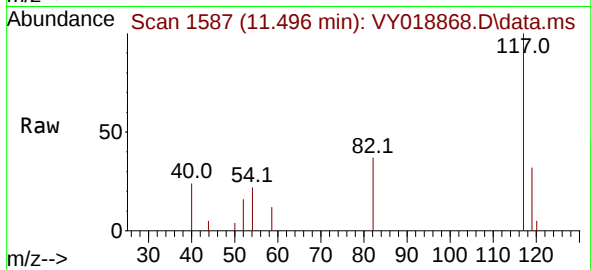




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

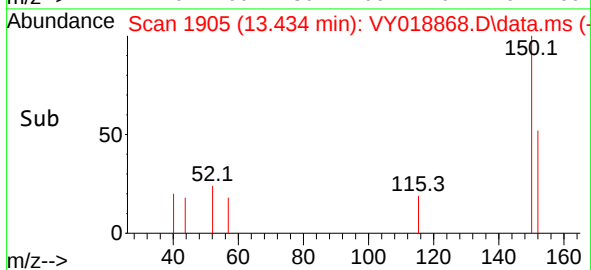
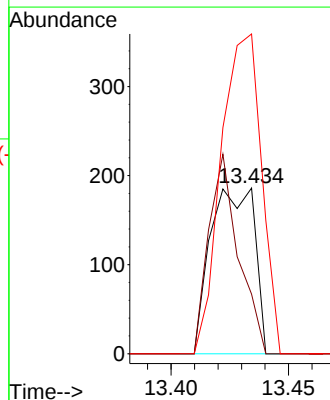
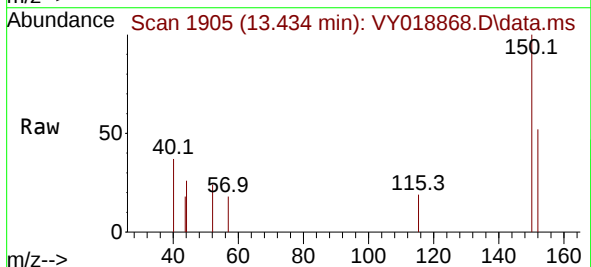
Instrument :
MSVOA_Y
ClientSampleId :

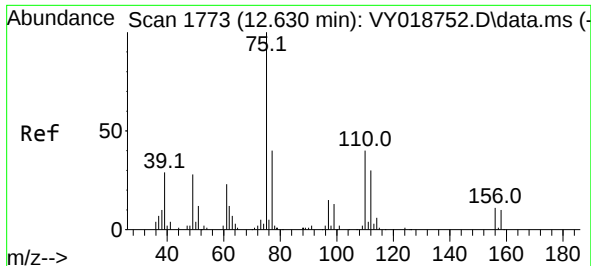
Tgt Ion:117 Resp: 2294
Ion Ratio Lower Upper
117 100
82 36.9 42.4 63.6#
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.012 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

Tgt Ion:152 Resp: 242
Ion Ratio Lower Upper
152 100
115 81.4 28.2 84.7
150 177.7 0.0 345.6

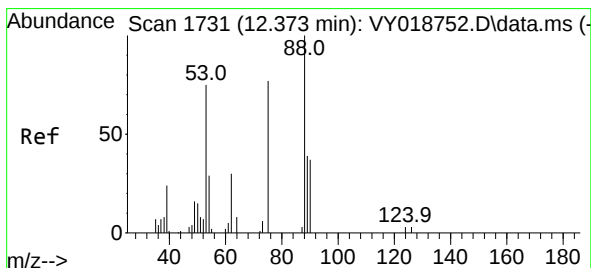
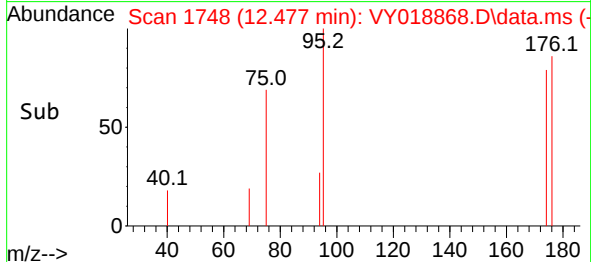
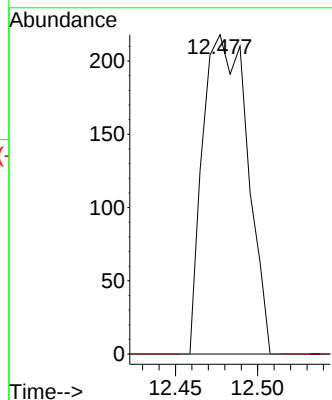
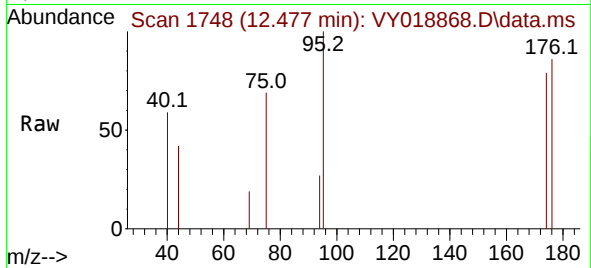




#76
1,2,3-Trichloropropane
Concen: 216.314 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

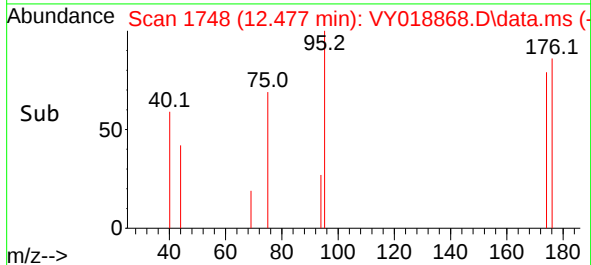
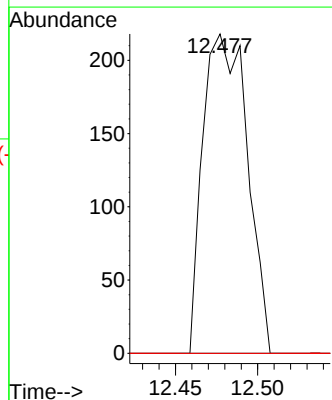
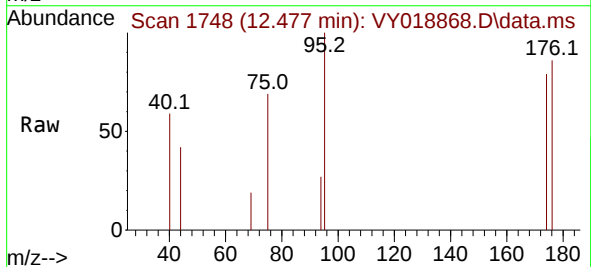
Instrument :
MSVOA_Y
ClientSampleId :

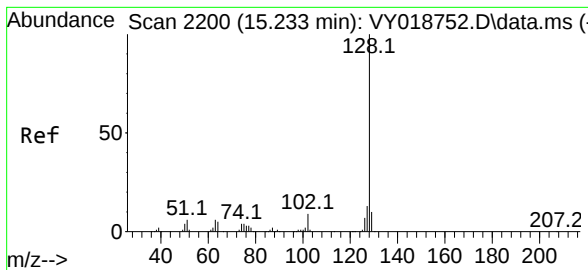
Tgt Ion: 75 Resp: 410
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 484.124 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018868.D
Acq: 18 Jul 2024 16:32

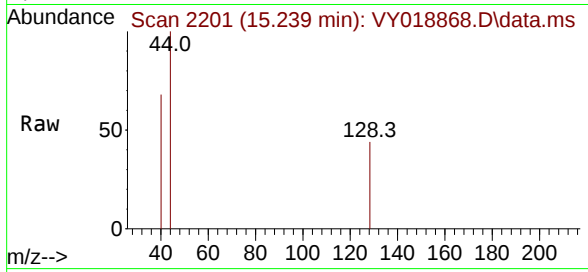
Tgt Ion: 75 Resp: 410
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 8.253 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY018868.D
 Acq: 18 Jul 2024 16:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	62
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

