

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018839.D
 Acq On : 16 Jul 2024 18:36
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 17 01:59:44 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)

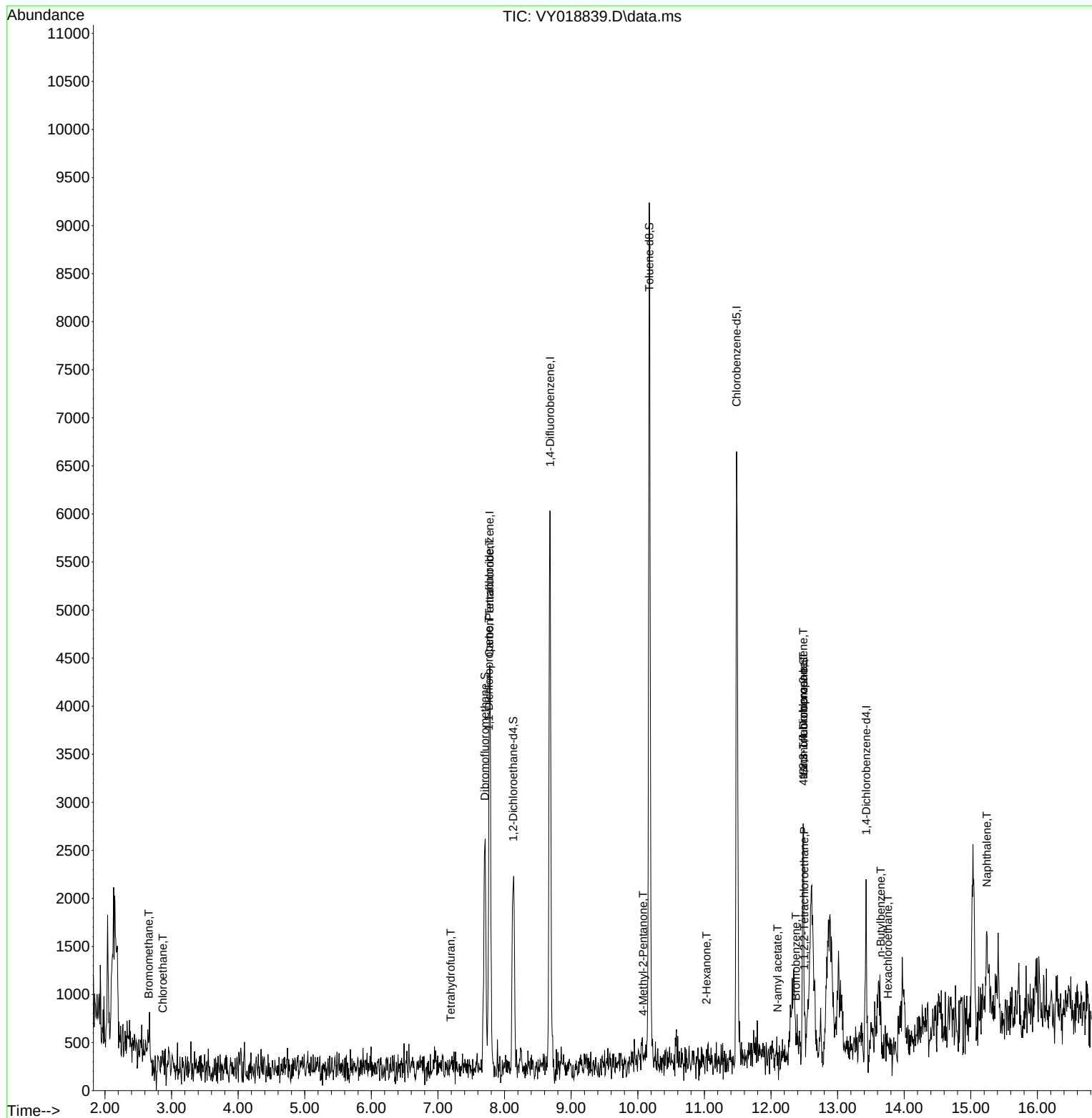
Internal Standards						
1) Pentafluorobenzene	7.777	168	3889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	5685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	4227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	2009	52.497	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.000%	
35) Dibromofluoromethane	7.704	113	1679	47.155	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.300%	
50) Toluene-d8	10.173	98	5985	44.367	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.740%	
62) 4-Bromofluorobenzene	12.489	95	1016	22.054	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 44.100%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	169	4.241	ug/l #	46
6) Chloroethane	2.869	64	82	2.179	ug/l #	42
29) Tetrahydrofuran	7.192	42	23	3.794	ug/l #	26
36) 1,1-Dichloropropene	7.765	75	168	3.419	ug/l #	40
38) Carbon Tetrachloride	7.771	117	192	3.244	ug/l #	13
51) 4-Methyl-2-Pentanone	10.081	43	38	1.831	ug/l #	31
59) 2-Hexanone	11.032	43	33	2.273	ug/l #	19
74) N-amyl acetate	12.099	43	20	2.340	ug/l #	37
75) 1,1,2,2-Tetrachloroethane	12.502	83	19	2.884	ug/l #	26
76) 1,2,3-Trichloropropane	12.483	75	487	108.895	ug/l #	100
77) Bromobenzene	12.374	156	86	8.620	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.483	75	487	243.714	ug/l #	16
89) n-Butylbenzene	13.648	91	60	1.711	ug/l #	33
90) Hexachloroethane	13.757	117	26	3.614	ug/l #	12
95) Naphthalene	15.239	128	1114	62.850	ug/l #	81

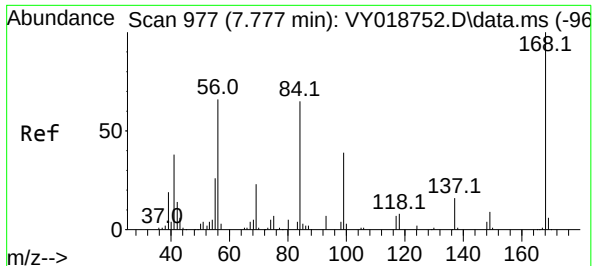
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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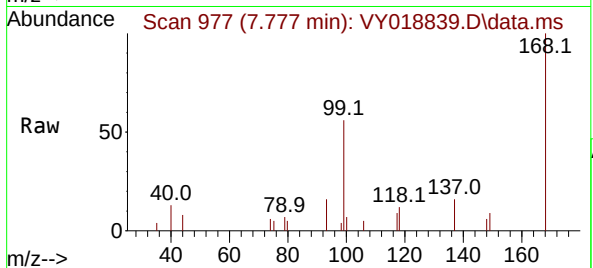
Quant Time: Jul 17 01:59:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration



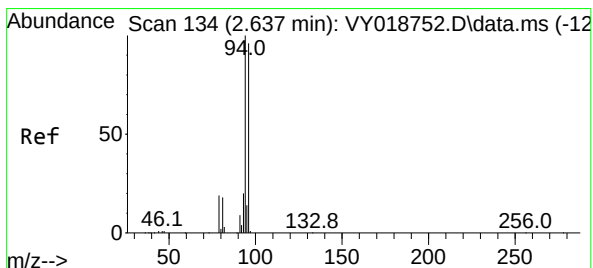
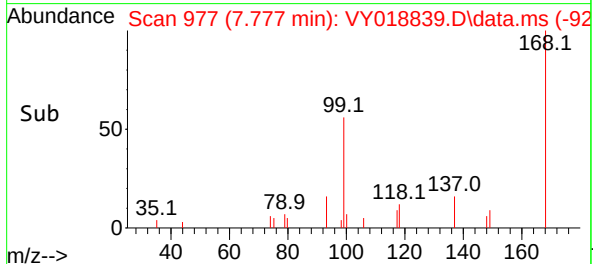
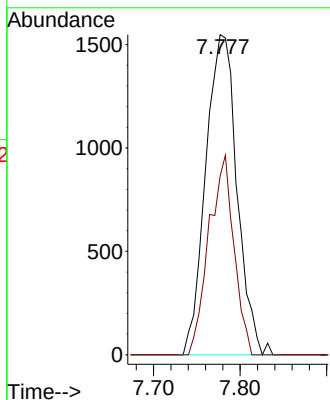


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Instrument :
MSVOA_Y
ClientSampleId :

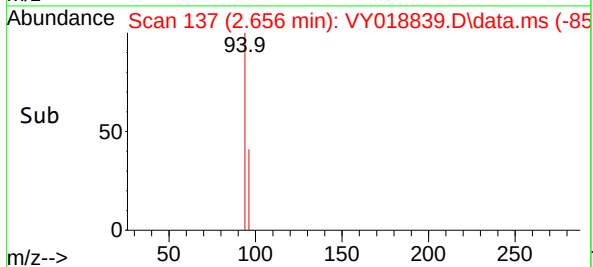
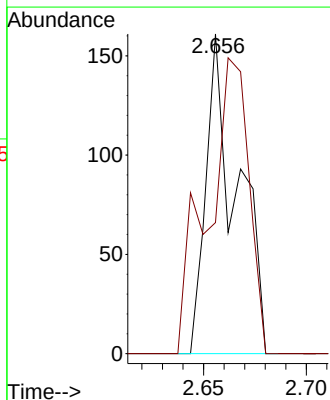
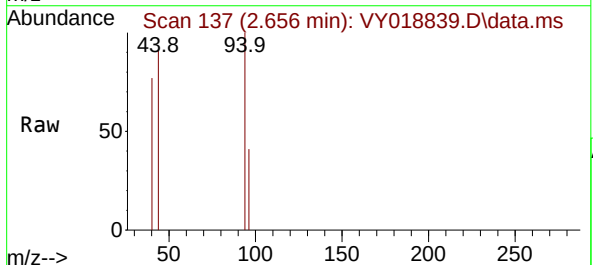


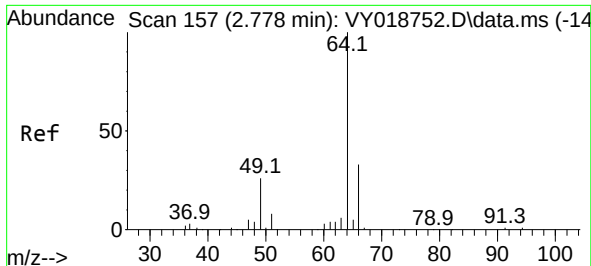
Tgt Ion:168 Resp: 3889
Ion Ratio Lower Upper
168 100
99 55.8 39.1 58.7



#5
Bromomethane
Concen: 4.241 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 41.0 74.1 111.1#

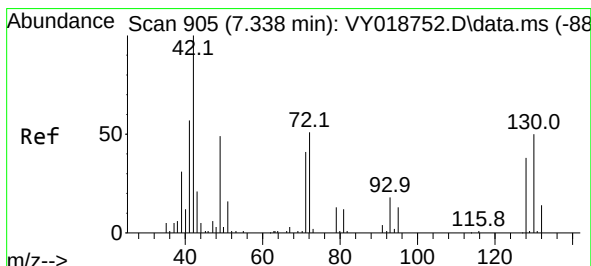
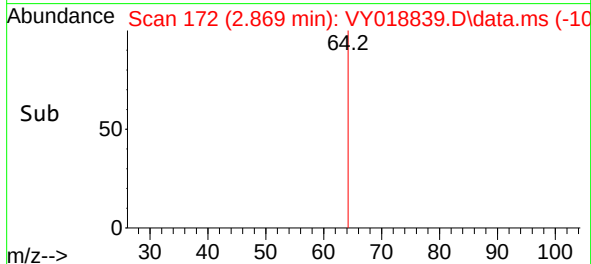
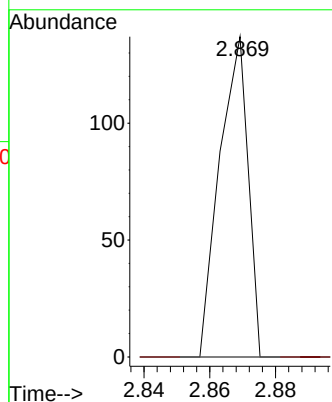
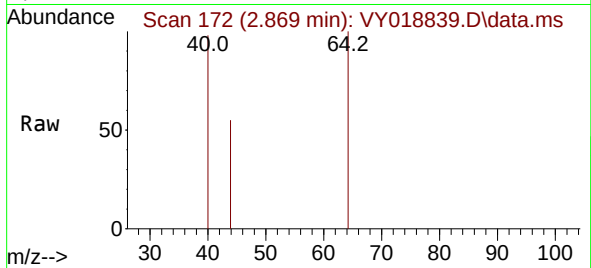




#6
Chloroethane
Concen: 2.179 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.092 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

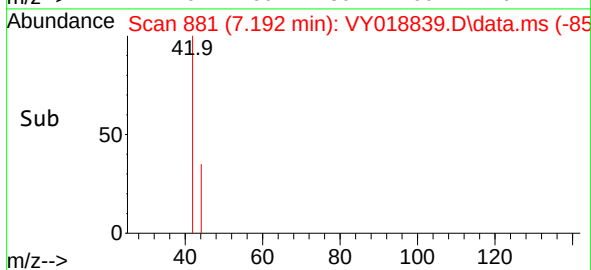
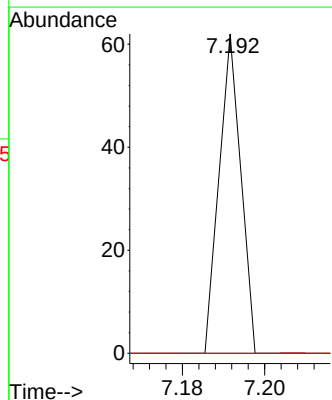
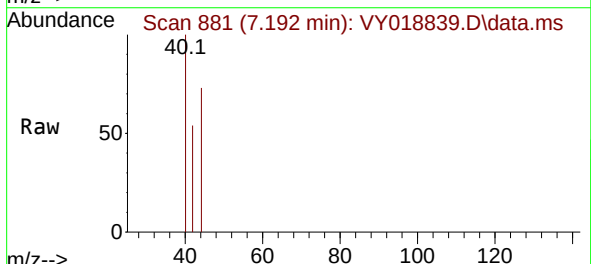
Instrument :
MSVOA_Y
ClientSampleId :

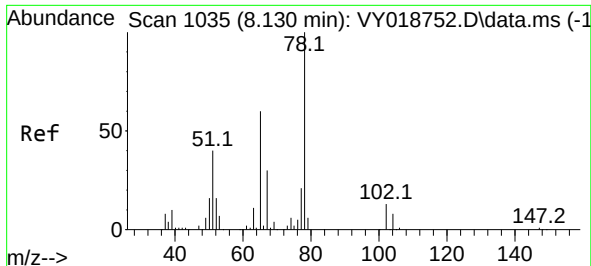
Tgt Ion: 64 Resp: 82
Ion Ratio Lower Upper
64 100
66 0.0 26.1 39.1#



#29
Tetrahydrofuran
Concen: 3.794 ug/l
RT: 7.192 min Scan# 881
Delta R.T. -0.146 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Tgt Ion: 42 Resp: 23
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#





#33

1,2-Dichloroethane-d4

Concen: 52.497 ug/l

RT: 8.130 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY018839.D

Acq: 16 Jul 2024 18:36

Instrument :

MSVOA_Y

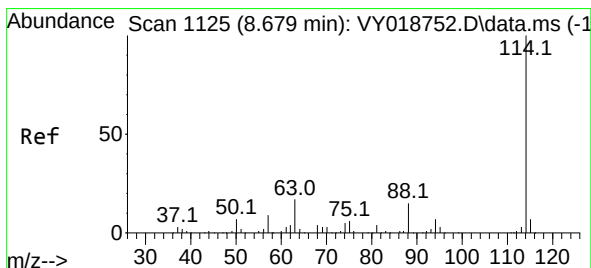
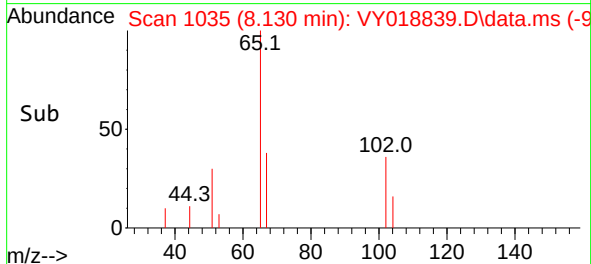
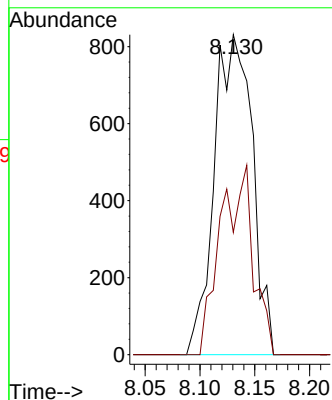
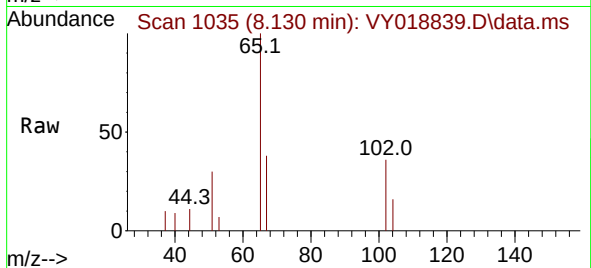
ClientSampleId :

Tgt Ion: 65 Resp: 2009

Ion Ratio Lower Upper

65 100

67 25.9 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: VY018839.D

Acq: 16 Jul 2024 18:36

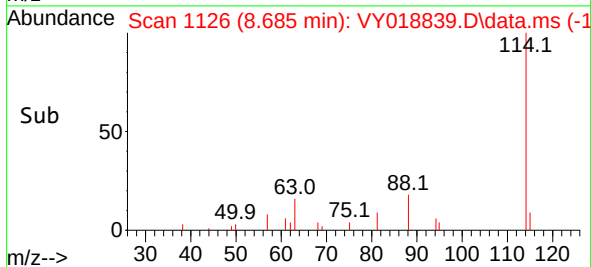
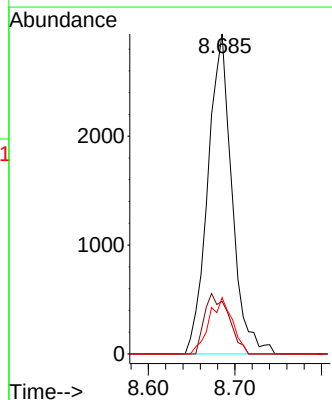
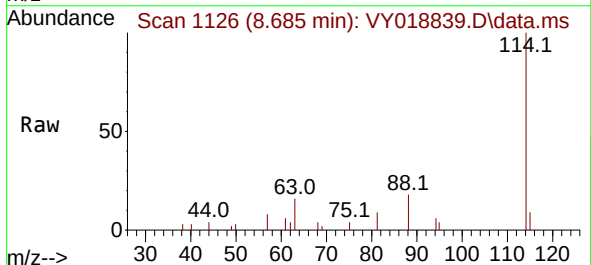
Tgt Ion: 114 Resp: 5685

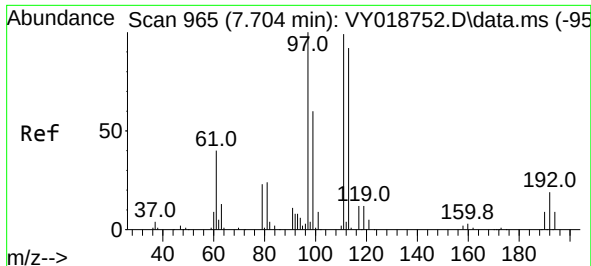
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 17.6 0.0 27.2

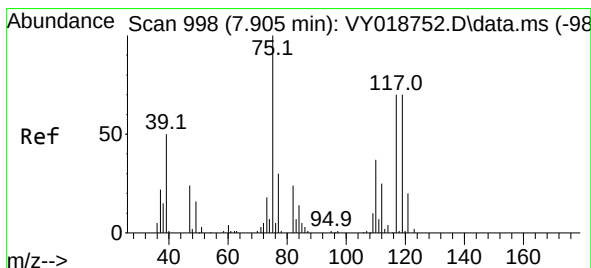
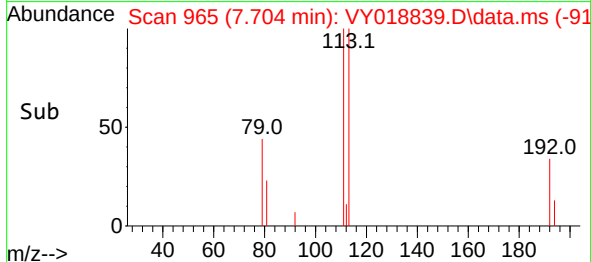
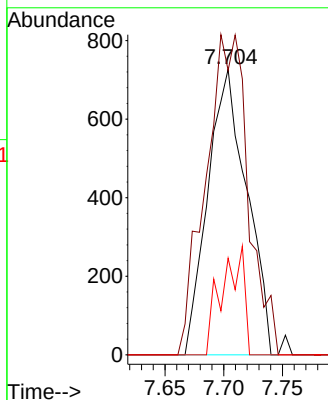
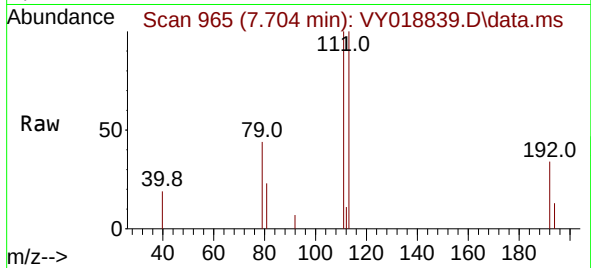




#35
Dibromofluoromethane
Concen: 47.155 ug/l
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

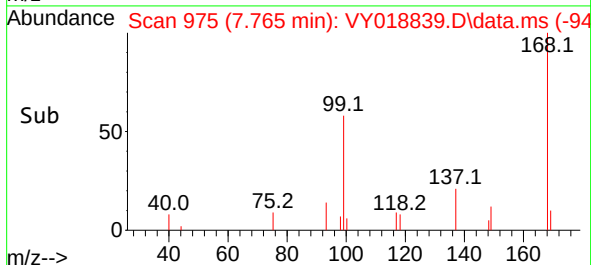
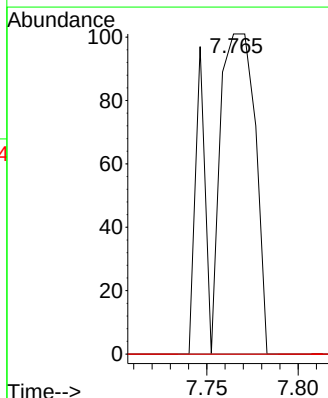
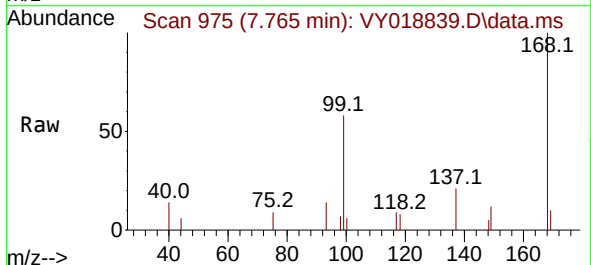
Instrument :
MSVOA_Y
ClientSampleId :

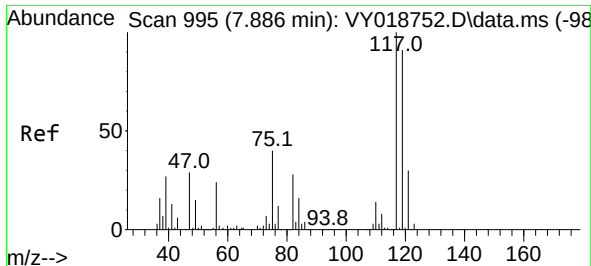
Tgt Ion:113 Resp: 1679
Ion Ratio Lower Upper
113 100
111 122.6 82.2 123.4
192 21.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 3.419 ug/l
RT: 7.765 min Scan# 975
Delta R.T. -0.140 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

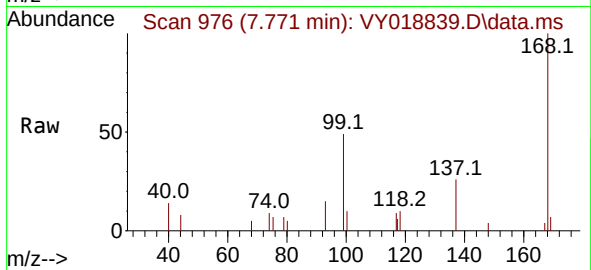
Tgt Ion: 75 Resp: 168
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



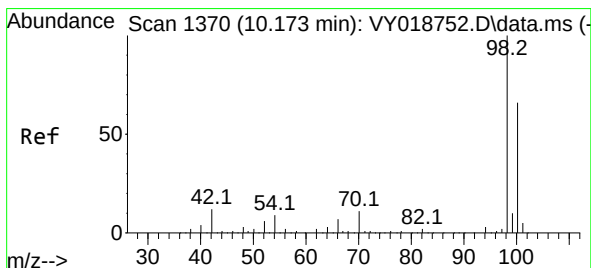
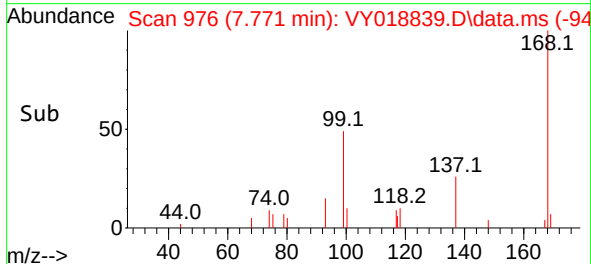
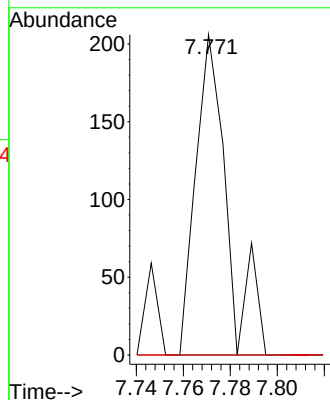


#38
Carbon Tetrachloride
Concen: 3.244 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Instrument :
MSVOA_Y
ClientSampleId :

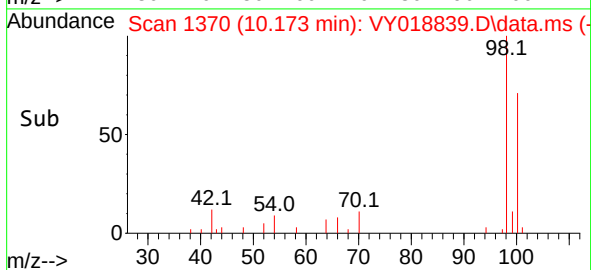
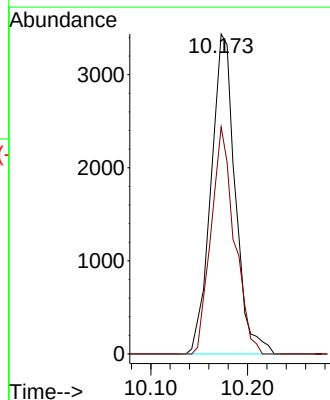
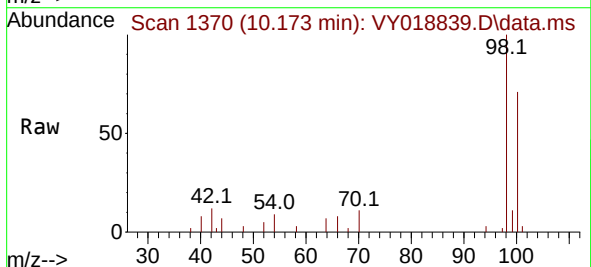


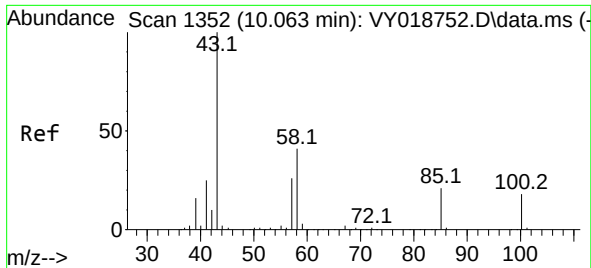
Tgt Ion:117 Resp: 192
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.367 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

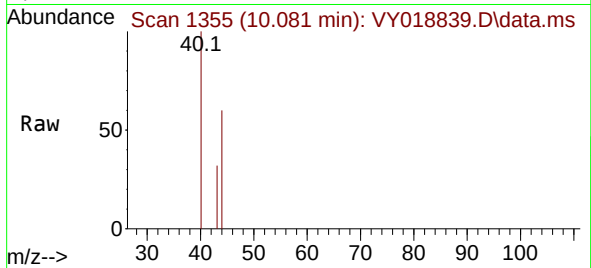
Tgt Ion: 98 Resp: 5985
Ion Ratio Lower Upper
98 100
100 68.5 52.0 78.0



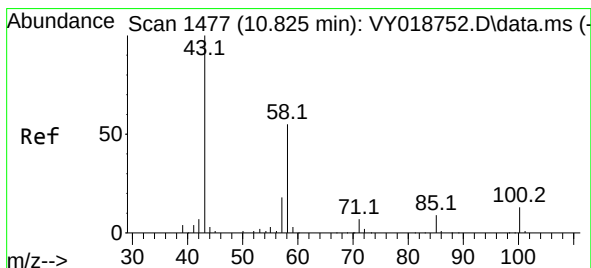
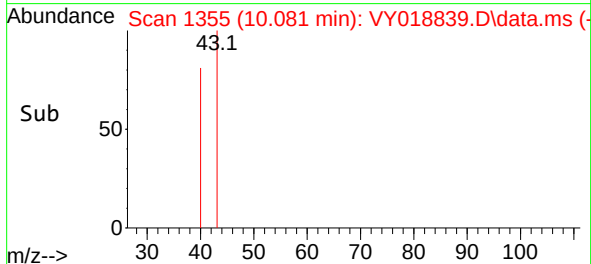
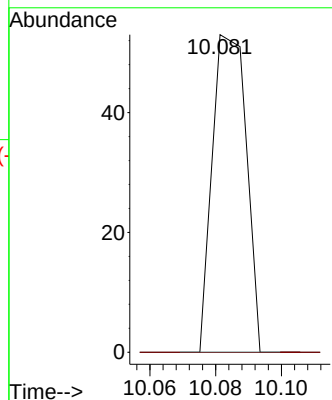


#51
4-Methyl-2-Pentanone
Concen: 1.831 ug/l
RT: 10.081 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Instrument :
MSVOA_Y
ClientSampleId :

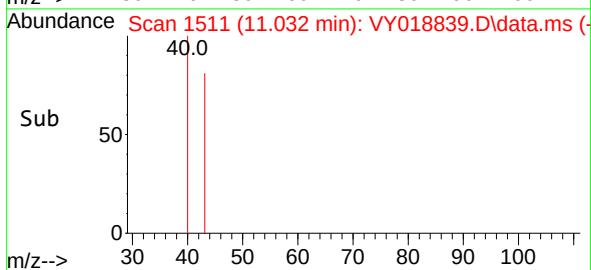
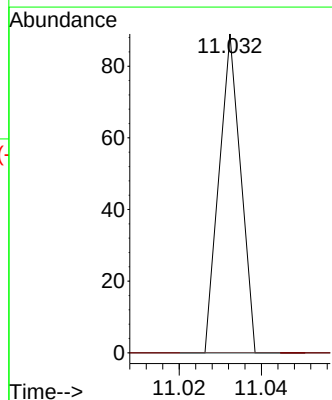
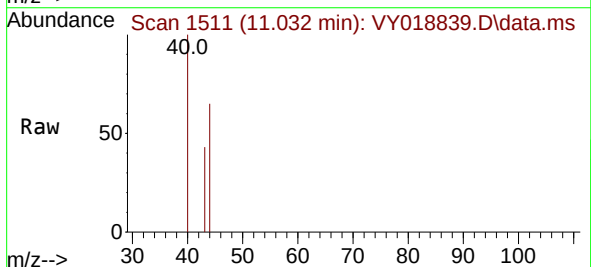


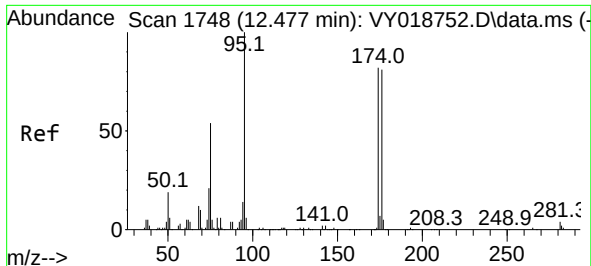
Tgt Ion: 43 Resp: 38
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#



#59
2-Hexanone
Concen: 2.273 ug/l
RT: 11.032 min Scan# 1511
Delta R.T. 0.207 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Tgt Ion: 43 Resp: 33
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#

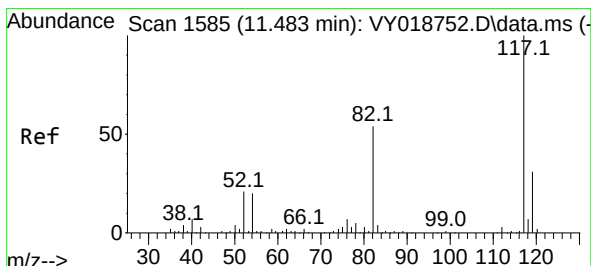
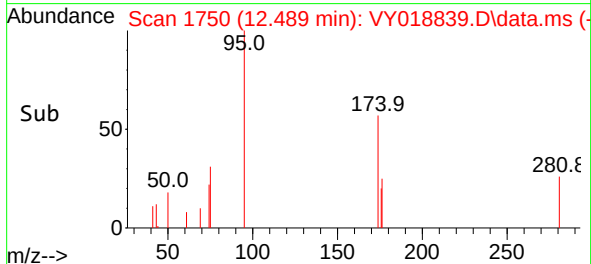
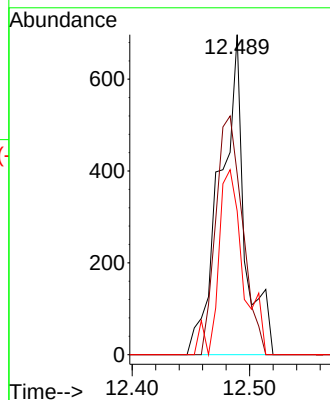
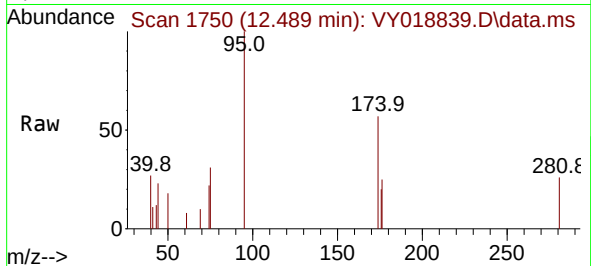




#62
4-Bromofluorobenzene
Concen: 22.054 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

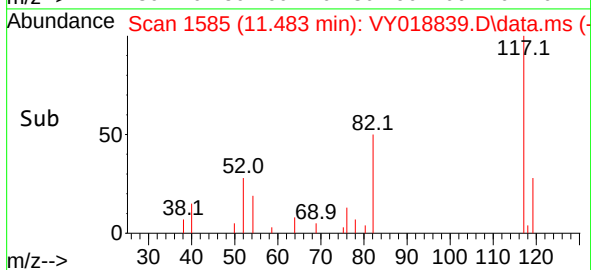
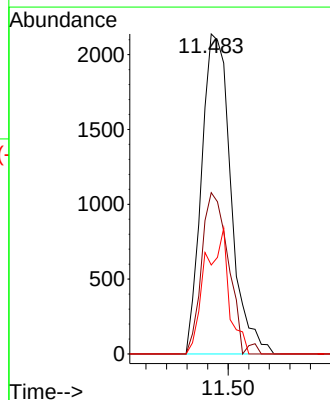
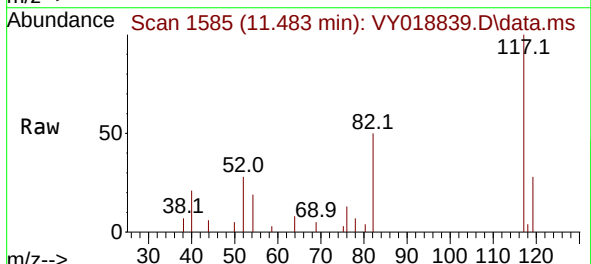
Instrument :
MSVOA_Y
ClientSampleId :

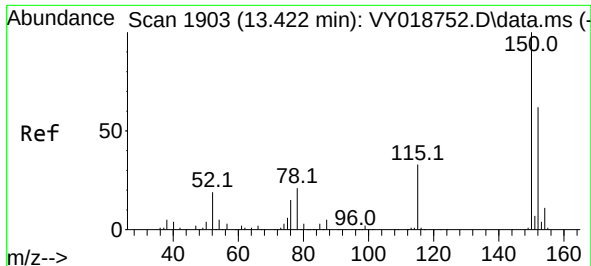
Tgt Ion: 95 Resp: 1016
Ion Ratio Lower Upper
95 100
174 80.4 0.0 175.6
176 58.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

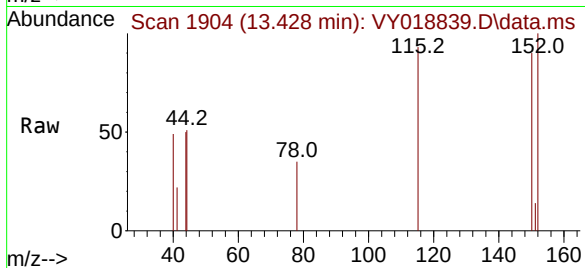
Tgt Ion: 117 Resp: 4227
Ion Ratio Lower Upper
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82 50.4 42.4 63.6
119 27.8 25.9 38.9



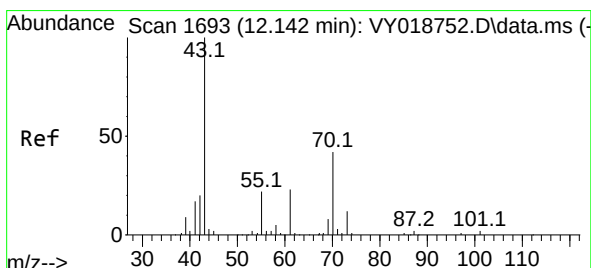
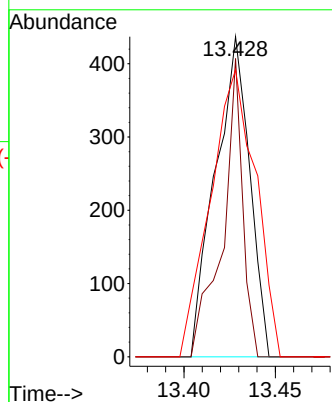
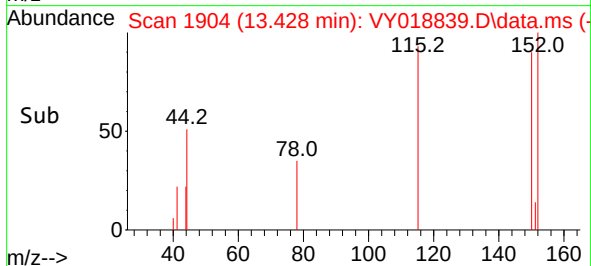


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

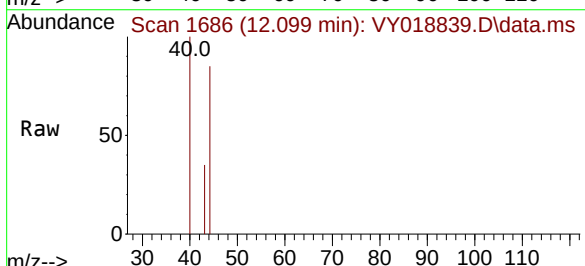
Instrument :
MSVOA_Y
ClientSampleId :



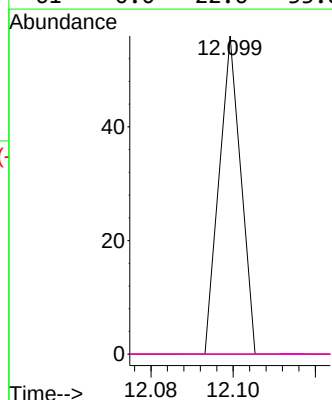
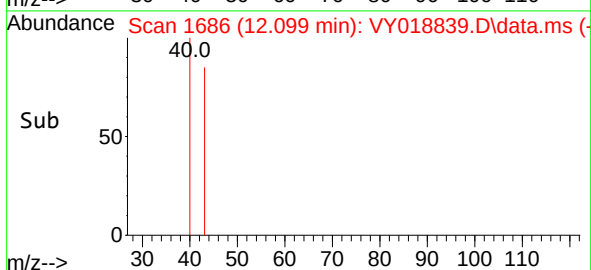
Tgt Ion:152 Resp: 571
Ion Ratio Lower Upper
152 100
115 54.3 28.2 84.7
150 117.7 0.0 345.6

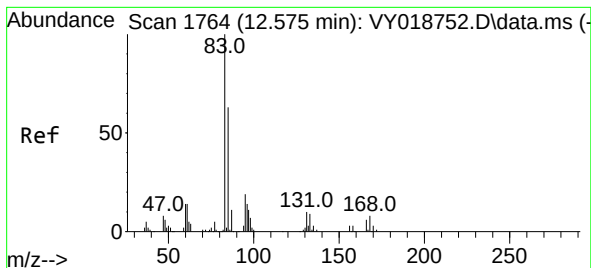


#74
N-ethyl acetate
Concen: 2.340 ug/l
RT: 12.099 min Scan# 1686
Delta R.T. -0.043 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36



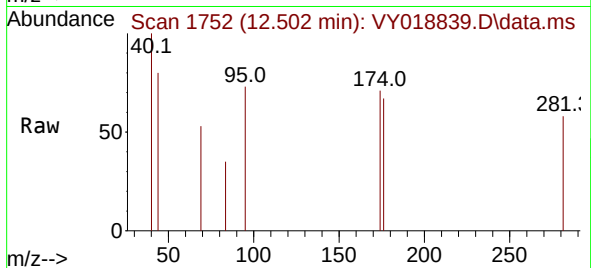
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
70 0.0 41.4 62.2#
55 0.0 23.3 34.9#
61 0.0 22.6 33.8#



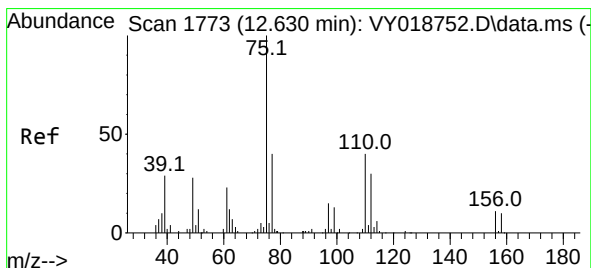
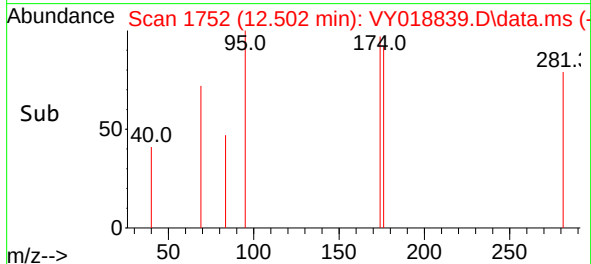
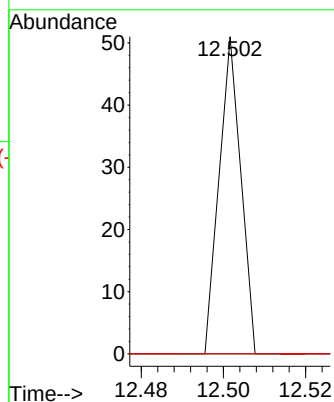


#75
1,1,2,2-Tetrachloroethane
Concen: 2.884 ug/l
RT: 12.502 min Scan# 1749
Delta R.T. -0.073 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Instrument :
MSVOA_Y
ClientSampleId :

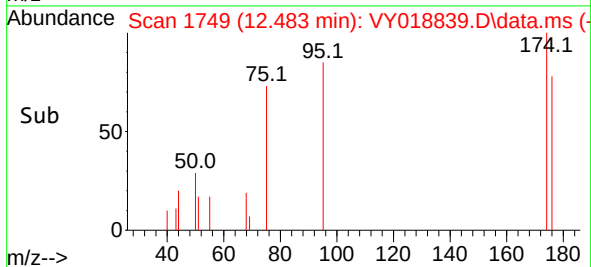
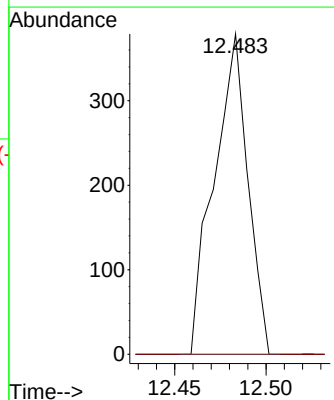
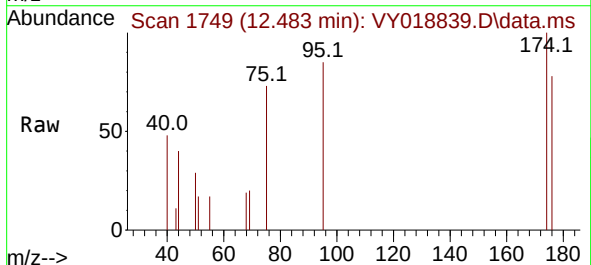


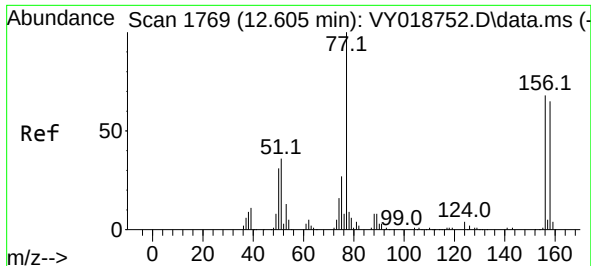
Tgt Ion: 83 Resp: 19
Ion Ratio Lower Upper
83 100
131 0.0 5.0 14.9#
85 0.0 32.0 96.0#



#76
1,2,3-Trichloropropane
Concen: 108.895 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Tgt Ion: 75 Resp: 487
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

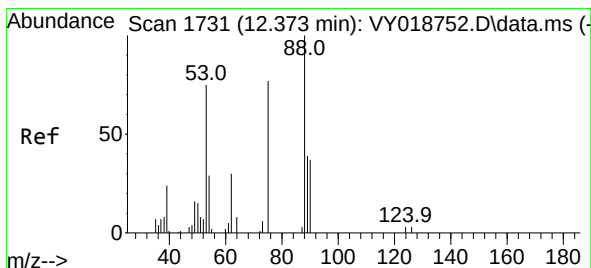
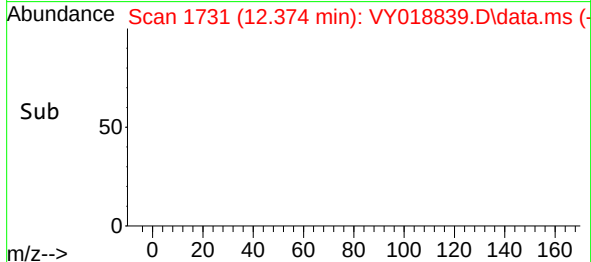
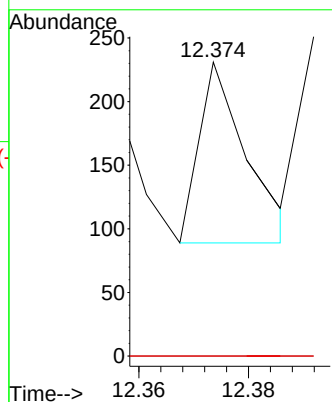
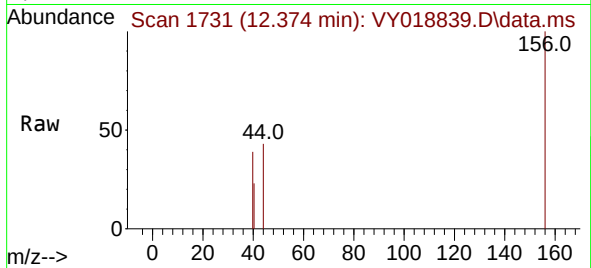




#77
Bromobenzene
Concen: 8.620 ug/l
RT: 12.374 min Scan# 1749
Delta R.T. -0.232 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

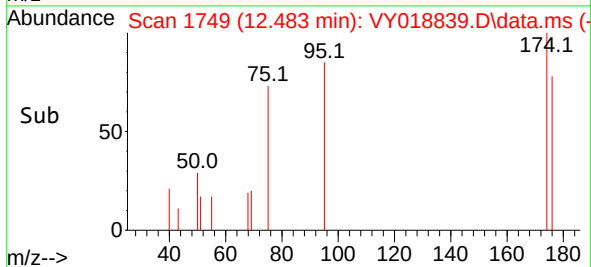
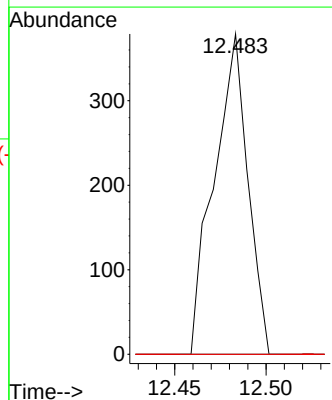
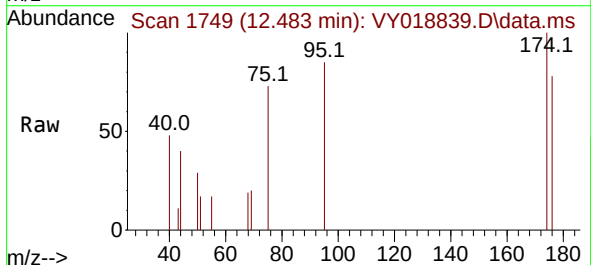
Instrument :
MSVOA_Y
ClientSampleId :

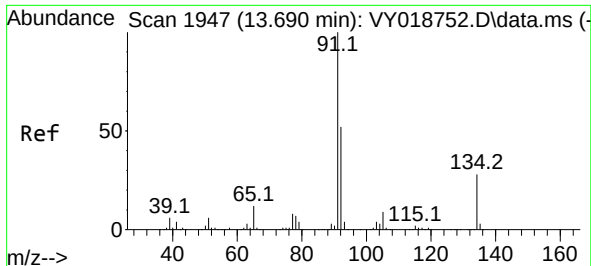
Tgt Ion:156 Resp: 86
Ion Ratio Lower Upper
156 100
77 0.0 87.1 261.3#
158 0.0 48.6 145.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 243.714 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Tgt Ion: 75 Resp: 487
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#





#89

n-Butylbenzene

Concen: 1.711 ug/l

RT: 13.648 min Scan# 1940

Delta R.T. -0.043 min

Lab File: VY018839.D

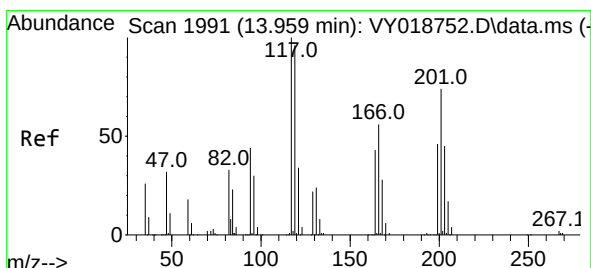
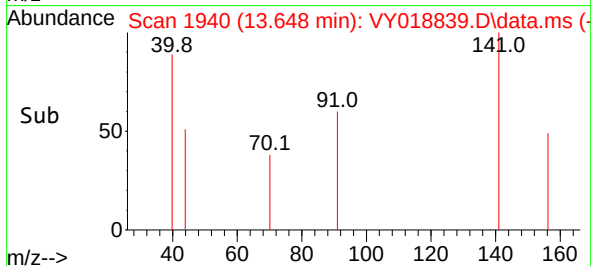
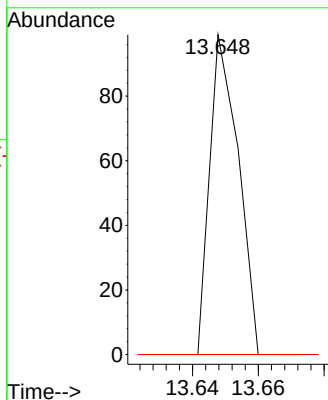
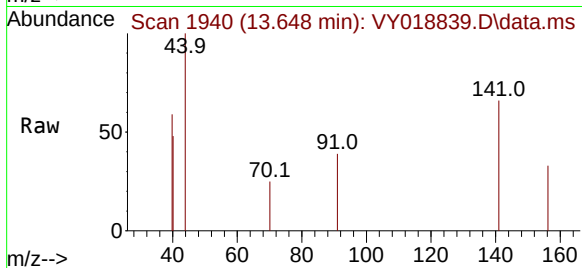
Acq: 16 Jul 2024 18:36

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91	Resp:	60
Ion Ratio	Lower	Upper
91	100	
92	0.0	26.6 79.7#
134	0.0	12.9 38.7#



#90

Hexachloroethane

Concen: 3.614 ug/l

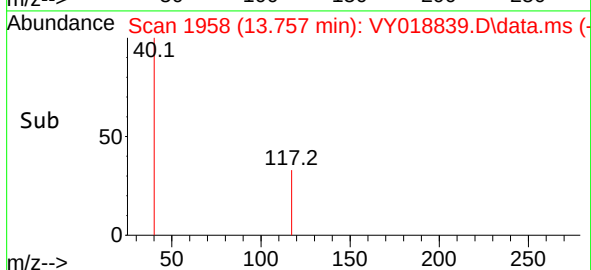
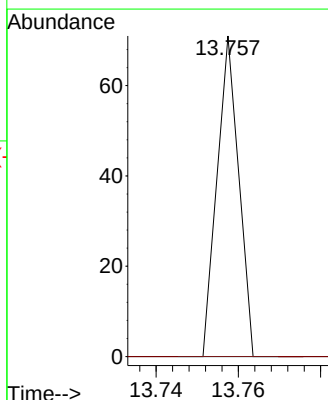
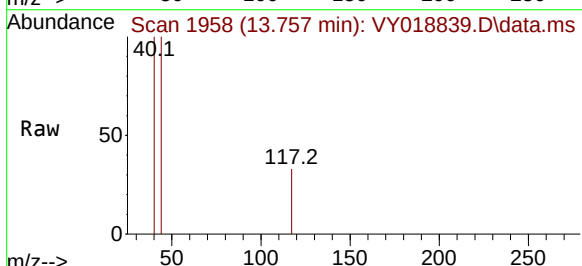
RT: 13.757 min Scan# 1958

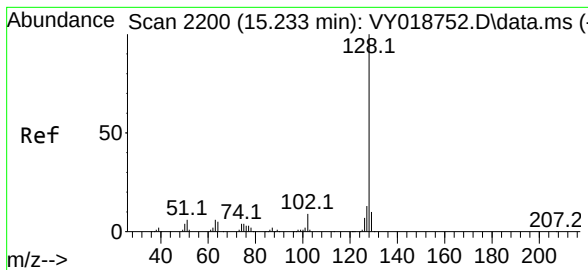
Delta R.T. -0.201 min

Lab File: VY018839.D

Acq: 16 Jul 2024 18:36

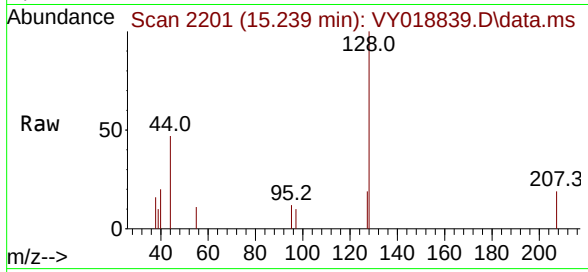
Tgt Ion: 117	Resp:	26
Ion Ratio	Lower	Upper
117	100	
201	0.0	37.4 112.2#





#95
Naphthalene
Concen: 62.850 ug/l
RT: 15.239 min Scan# 2114
Delta R.T. 0.006 min
Lab File: VY018839.D
Acq: 16 Jul 2024 18:36

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	128	Resp:	1114
Ion	Ratio	Lower	Upper
128	100		
127	8.5	10.6	16.0#
129	0.0	8.6	13.0#

