

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071824\
 Data File : VY018870.D
 Acq On : 18 Jul 2024 17:21
 Operator : SY/MD
 Sample : P3294-19
 Misc : 6.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 19 01:42:44 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)

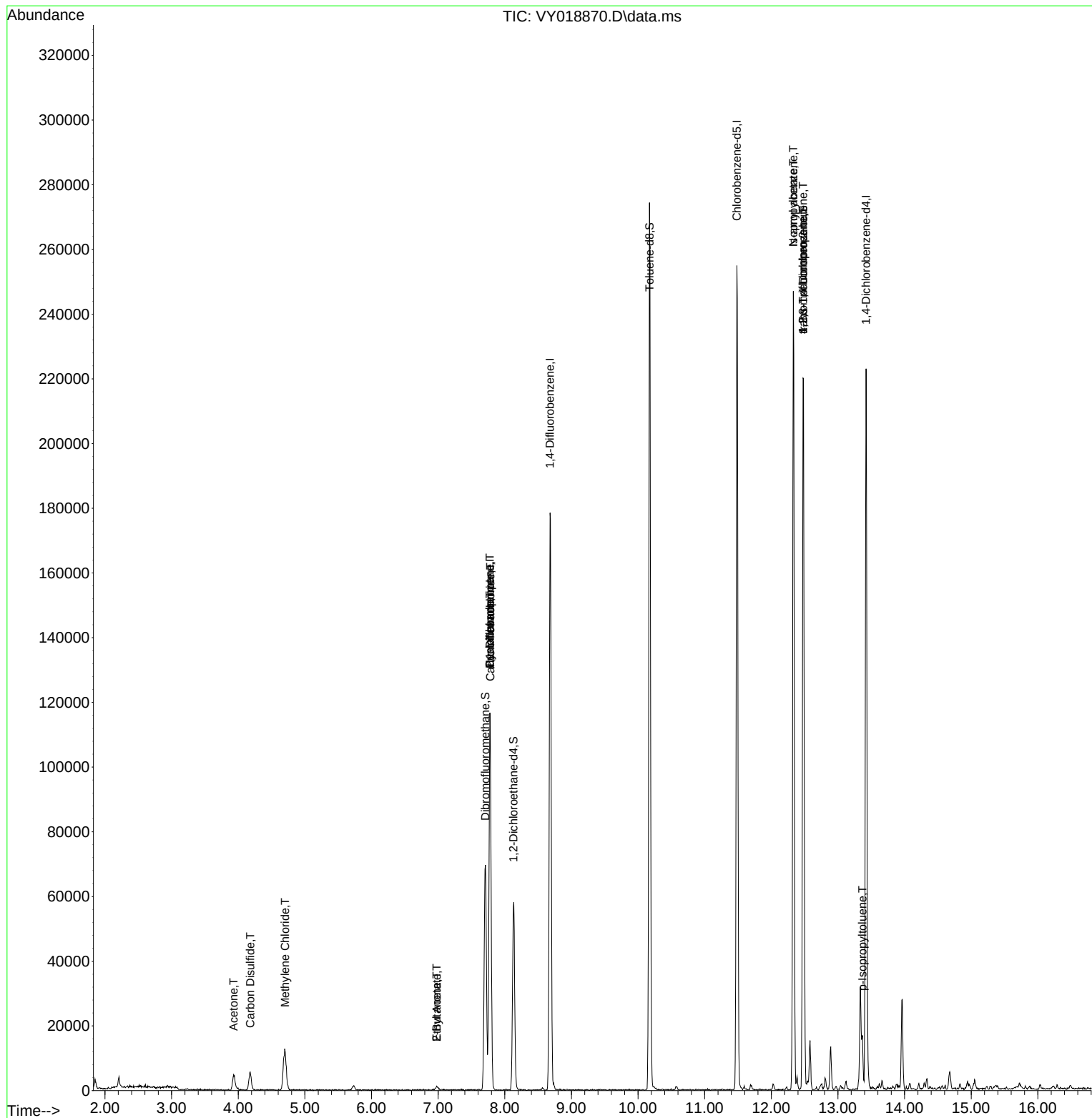
Internal Standards						
1) Pentafluorobenzene	7.777	168	90837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	156921	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	142092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	46557	52.086	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.180%	
35) Dibromofluoromethane	7.710	113	48198	49.040	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.080%	
50) Toluene-d8	10.173	98	178068	47.822	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.640%	
62) 4-Bromofluorobenzene	12.477	95	59090	46.469	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.930	43	8736	53.012	ug/l #	77
17) Carbon Disulfide	4.180	76	11129	4.529	ug/l	98
20) Methylene Chloride	4.704	84	9779	6.122	ug/l	96
25) 2-Butanone	6.978	43	1367	5.918	ug/l	91
31) Cyclohexane	7.777	56	1877	1.367	ug/l #	35
36) 1,1-Dichloropropene	7.777	75	6351	4.682	ug/l #	49
37) Ethyl Acetate	6.978	43	1367	2.425	ug/l #	67
38) Carbon Tetrachloride	7.783	117	9065	5.549	ug/l #	17
73) Isopropylbenzene	12.331	105	10183	2.445	ug/l #	60
74) N-amyl acetate	12.331	43	4130	4.849	ug/l #	3
76) 1,2,3-Trichloropropane	12.477	75	32689	73.342	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32689	164.144	ug/l #	16
86) p-Isopropyltoluene	13.367	119	8750	2.270	ug/l	93

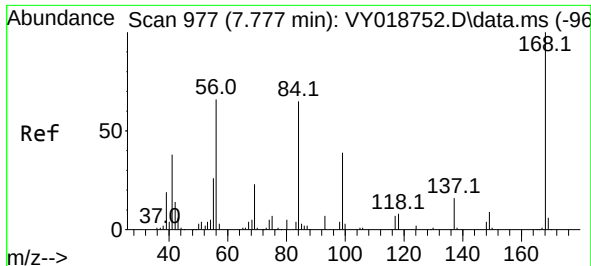
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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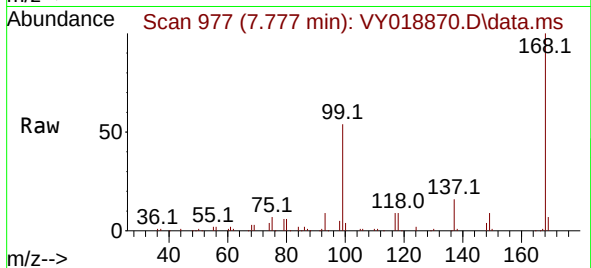
Quant Time: Jul 19 01:42:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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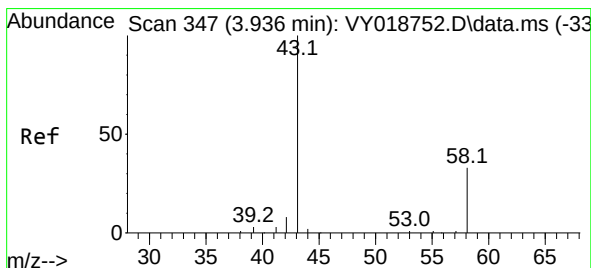
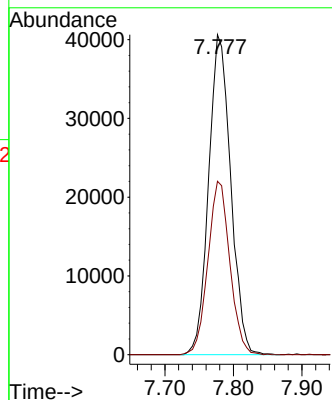
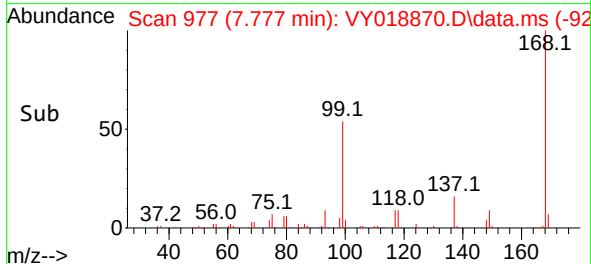


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

Instrument :
MSVOA_Y
ClientSampleId :

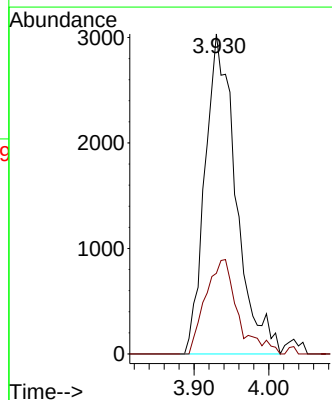
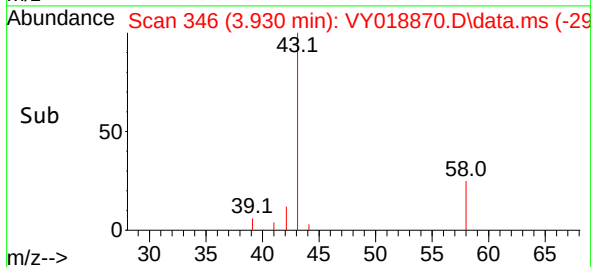
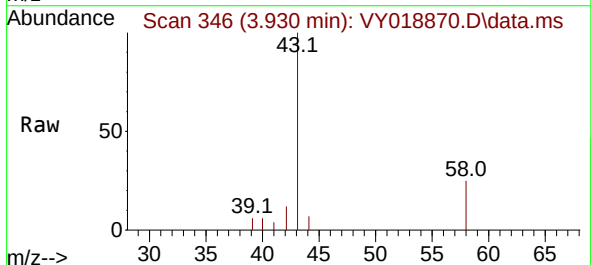


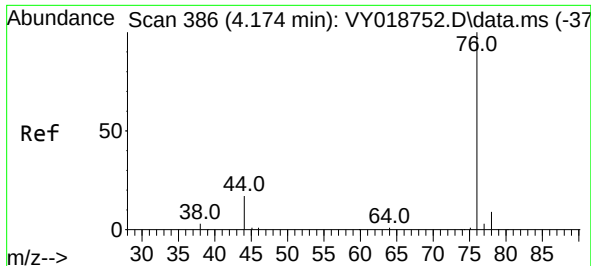
Tgt Ion:168 Resp: 90837
Ion Ratio Lower Upper
168 100
99 54.2 39.1 58.7



#16
Acetone
Concen: 53.012 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

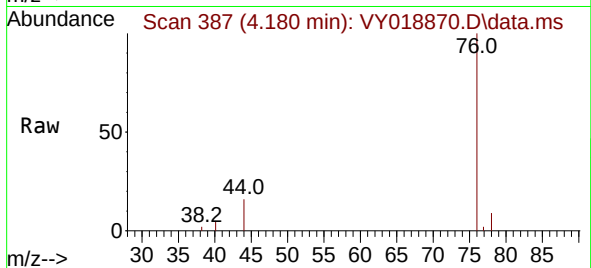
Tgt Ion: 43 Resp: 8736
Ion Ratio Lower Upper
43 100
58 25.2 31.7 47.5#



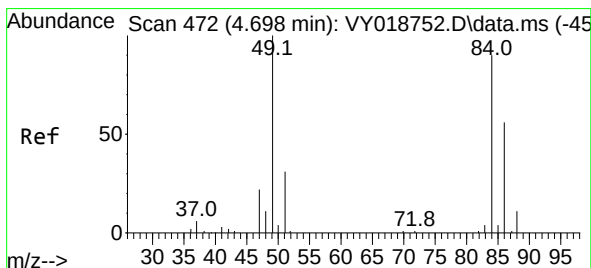
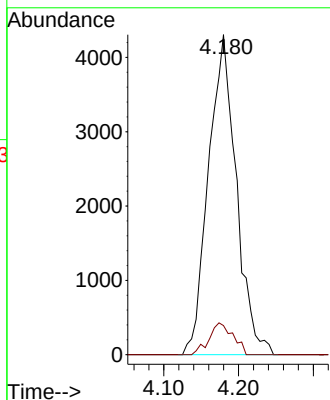
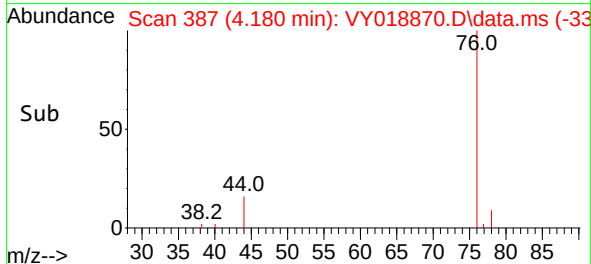


#17
Carbon Disulfide
Concen: 4.529 ug/l
RT: 4.180 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

Instrument :
MSVOA_Y
ClientSampleId :

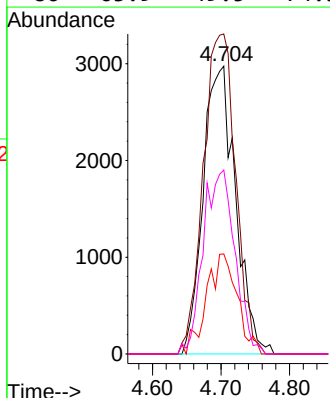
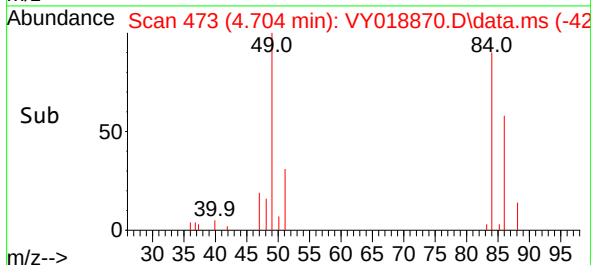
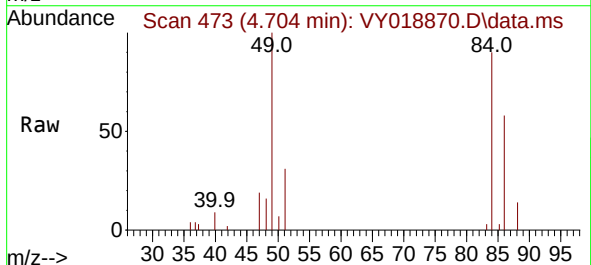


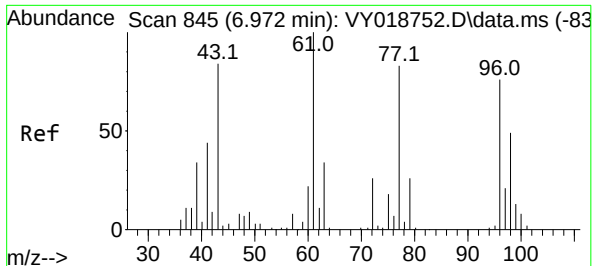
Tgt Ion: 76 Resp: 11129
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#20
Methylene Chloride
Concen: 6.122 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

Tgt Ion: 84 Resp: 9779
Ion Ratio Lower Upper
84 100
49 111.2 84.4 126.6
51 34.7 26.0 39.0
86 63.9 49.5 74.3

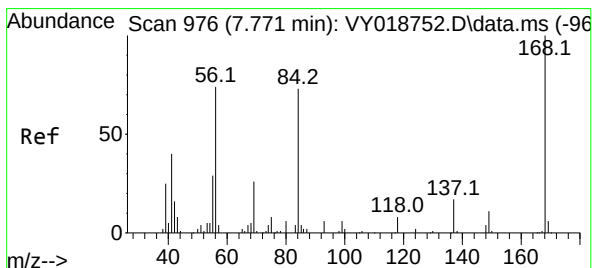
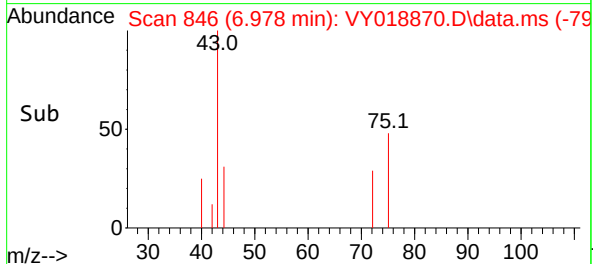
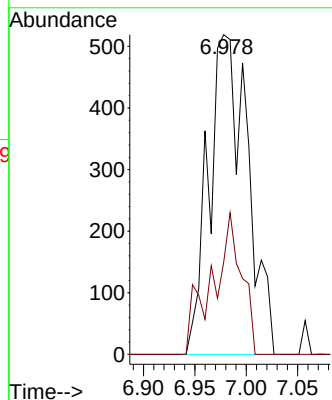
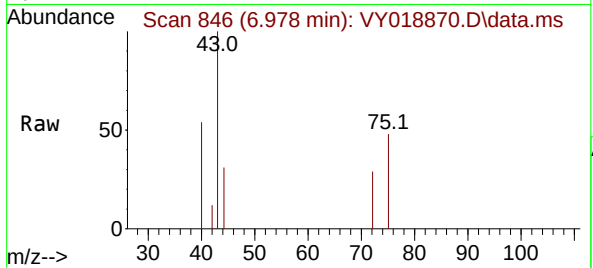




#25
2-Butanone
Concen: 5.918 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

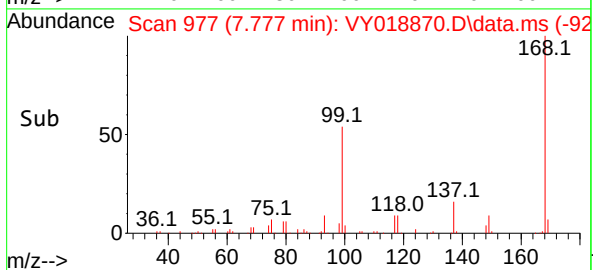
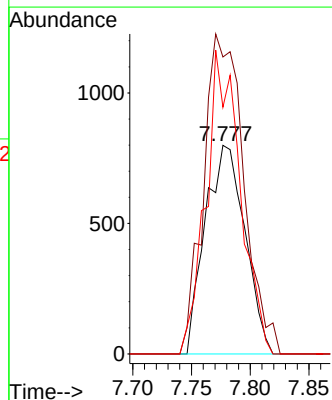
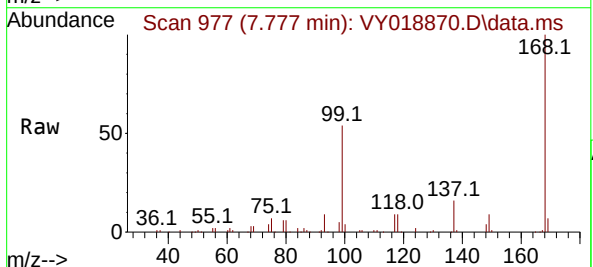
Instrument :
MSVOA_Y
ClientSampleId :

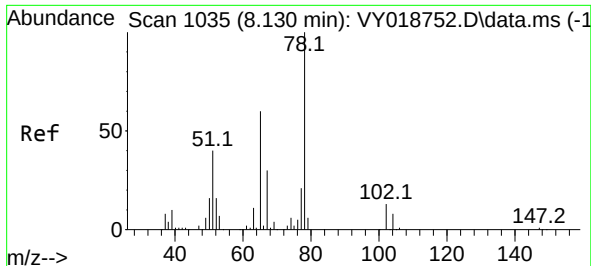
Tgt Ion: 43 Resp: 1367
Ion Ratio Lower Upper
43 100
72 28.9 27.3 40.9



#31
Cyclohexane
Concen: 1.367 ug/l
RT: 7.777 min Scan# 977
Delta R.T. 0.006 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

Tgt Ion: 56 Resp: 1877
Ion Ratio Lower Upper
56 100
69 142.4 28.7 43.1#
84 118.3 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 52.086 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VY018870.D

Acq: 18 Jul 2024 17:21

Instrument :

MSVOA_Y

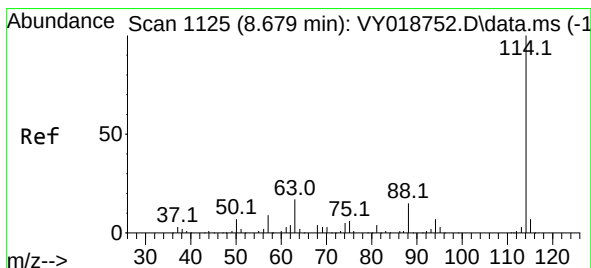
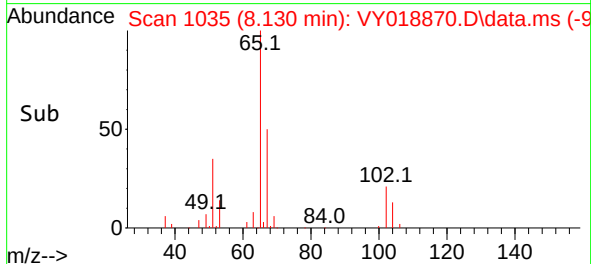
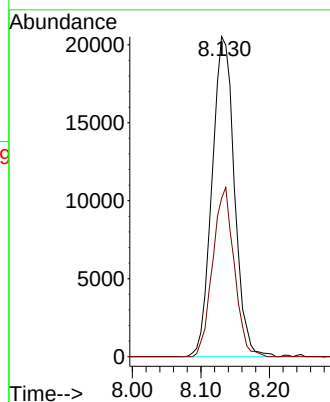
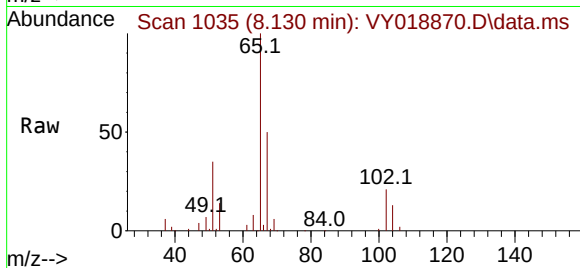
ClientSampleId :

Tgt Ion: 65 Resp: 46557

Ion Ratio Lower Upper

65 100

67 50.9 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: VY018870.D

Acq: 18 Jul 2024 17:21

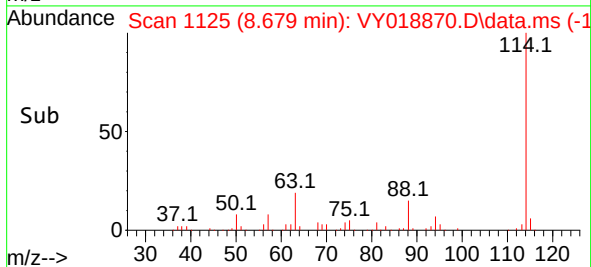
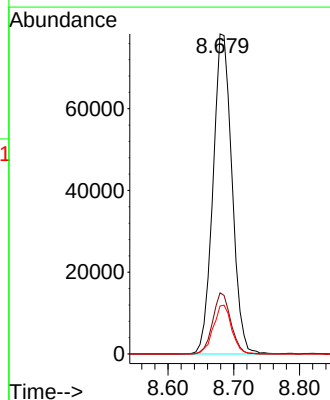
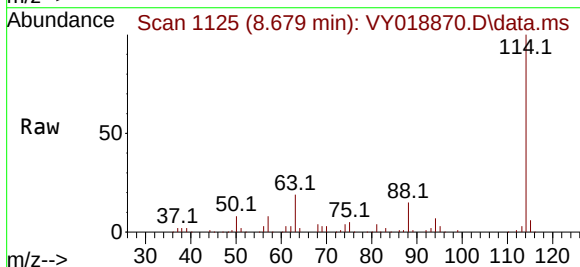
Tgt Ion: 114 Resp: 156921

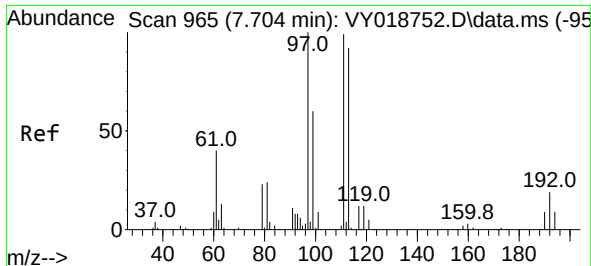
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

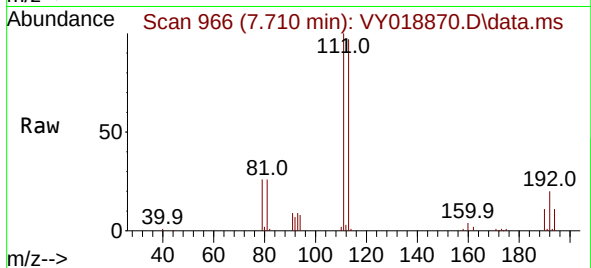
88 15.0 0.0 27.2



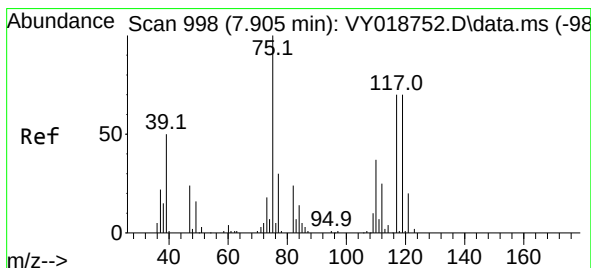
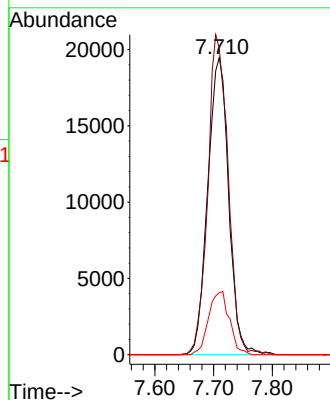
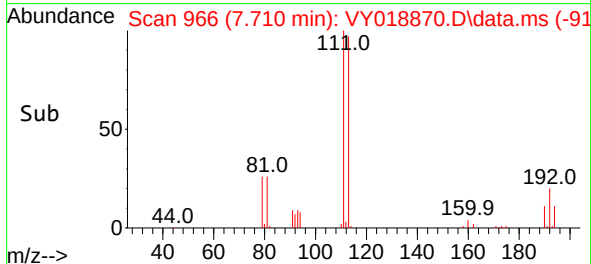


#35
Dibromofluoromethane
Concen: 49.040 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

Instrument :
MSVOA_Y
ClientSampleId :

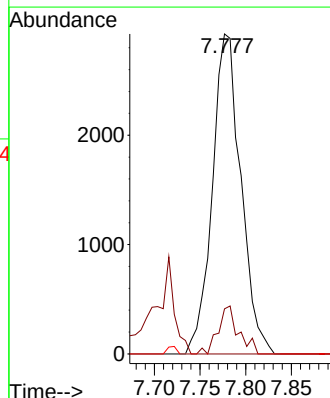
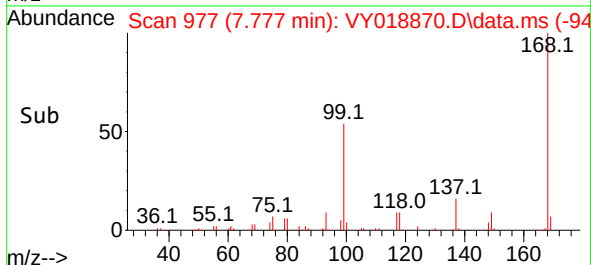
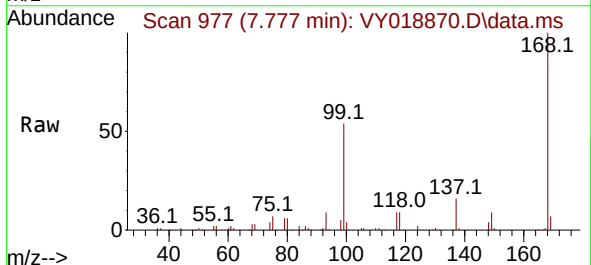


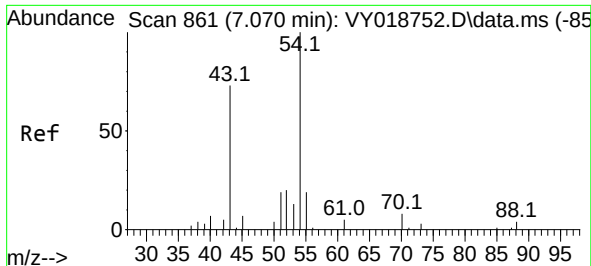
Tgt Ion:113 Resp: 48198
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.4
192 21.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.682 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

Tgt Ion: 75 Resp: 6351
Ion Ratio Lower Upper
75 100
110 10.7 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.425 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.091 min

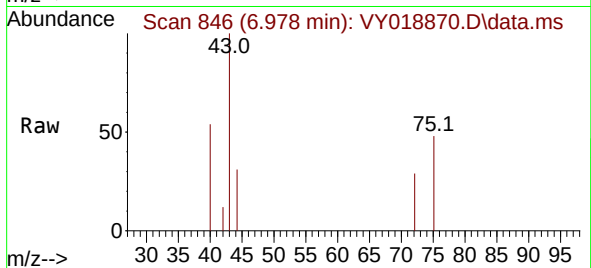
Lab File: VY018870.D

Acq: 18 Jul 2024 17:21

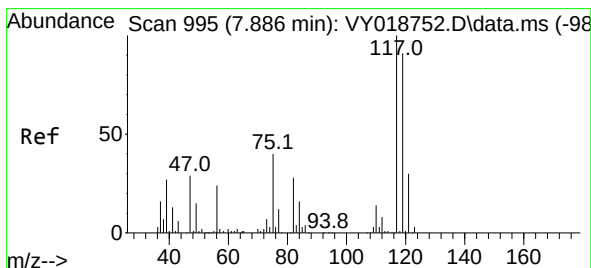
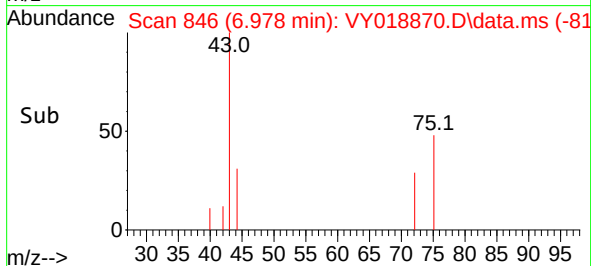
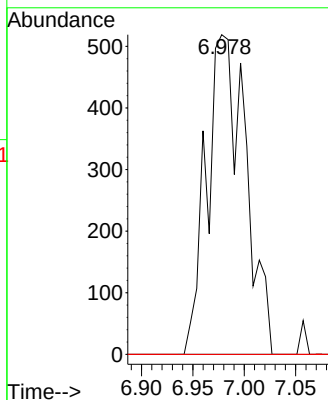
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	1367
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.6	19.0#
70	0.0	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 5.549 ug/l

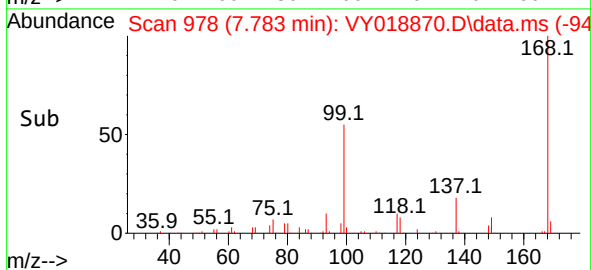
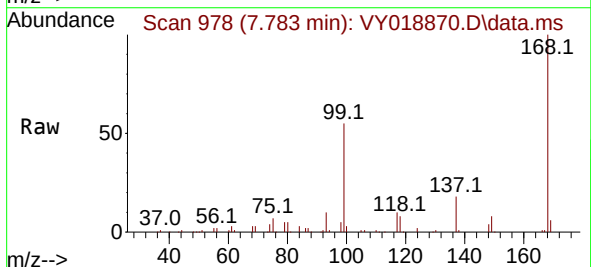
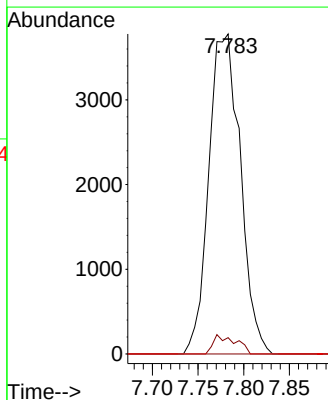
RT: 7.783 min Scan# 978

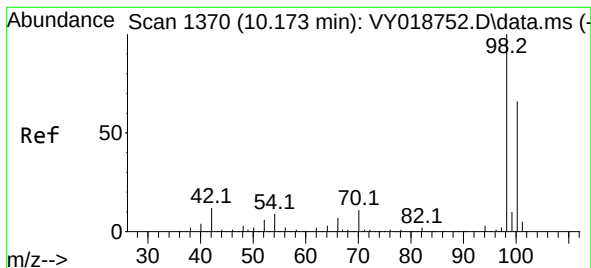
Delta R.T. -0.104 min

Lab File: VY018870.D

Acq: 18 Jul 2024 17:21

Tgt Ion:	117	Resp:	9065
Ion	Ratio	Lower	Upper
117	100		
119	5.1	75.8	113.6#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 47.822 ug/l

RT: 10.173 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018870.D

Acq: 18 Jul 2024 17:21

Instrument :

MSVOA_Y

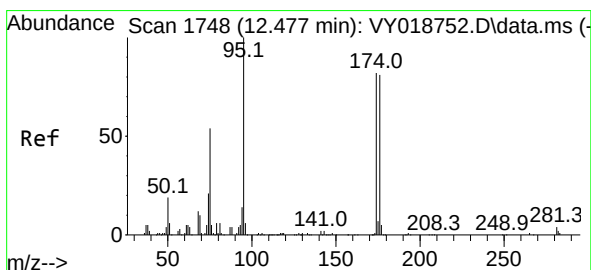
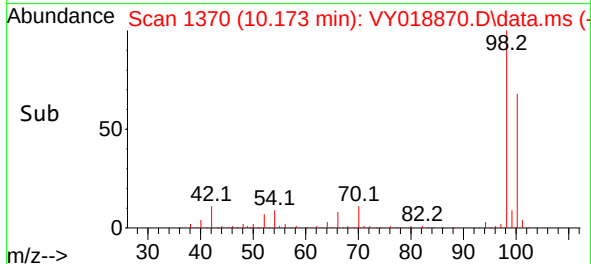
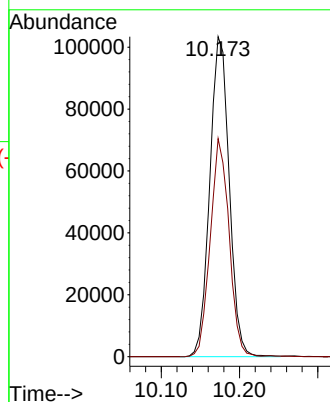
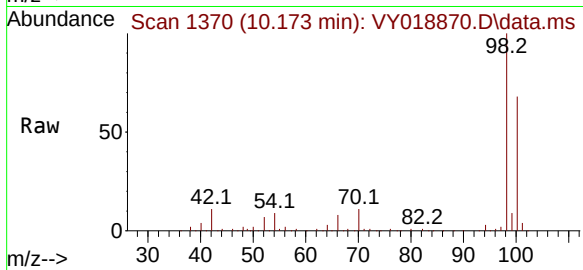
ClientSampleId :

Tgt Ion: 98 Resp: 178068

Ion Ratio Lower Upper

98 100

100 66.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.469 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018870.D

Acq: 18 Jul 2024 17:21

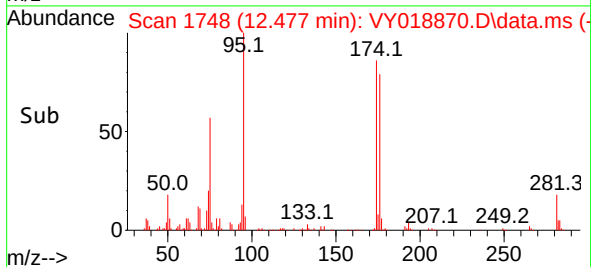
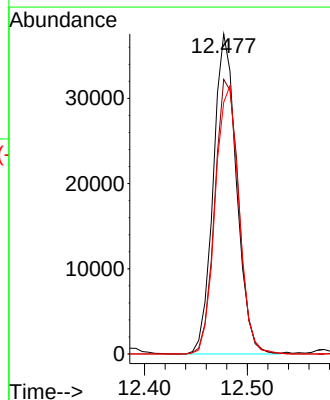
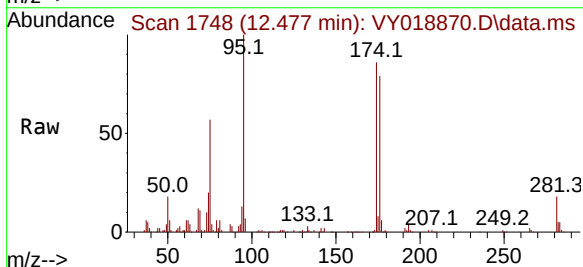
Tgt Ion: 95 Resp: 59090

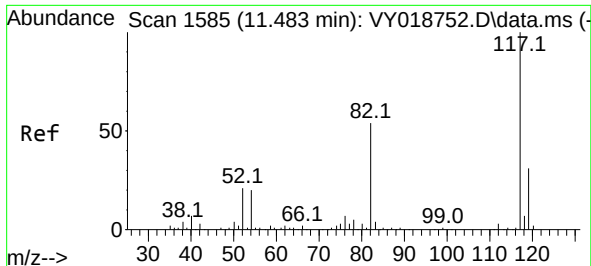
Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.6

176 85.3 0.0 171.4

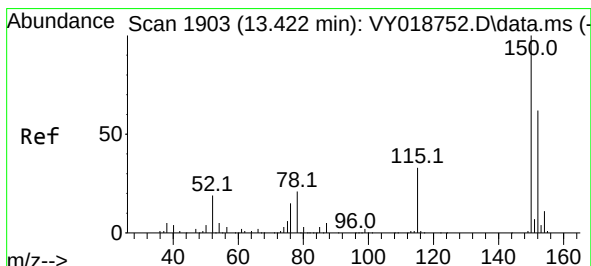
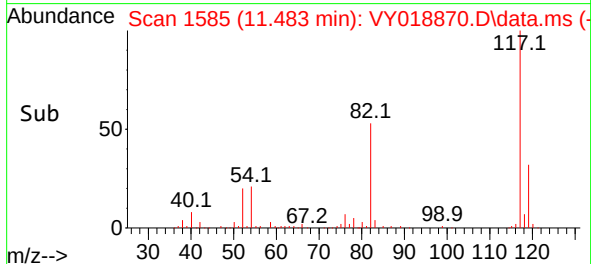
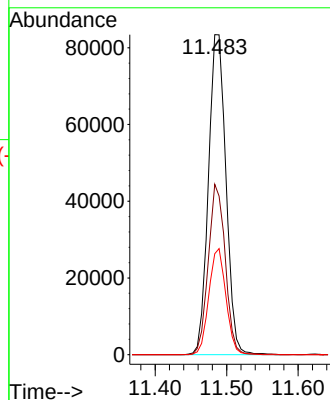
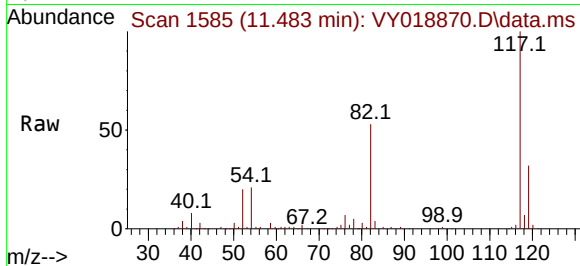




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

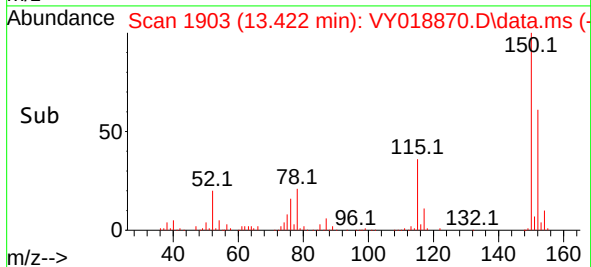
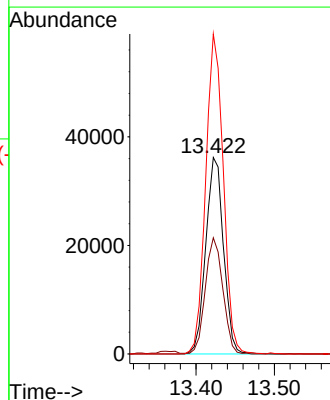
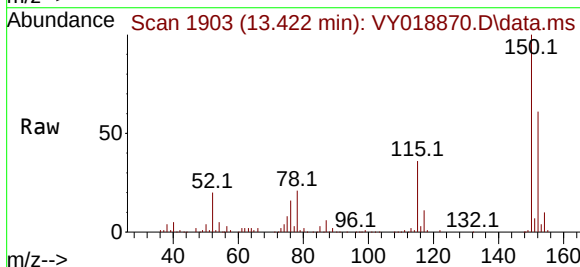
Instrument :
MSVOA_Y
ClientSampleId :

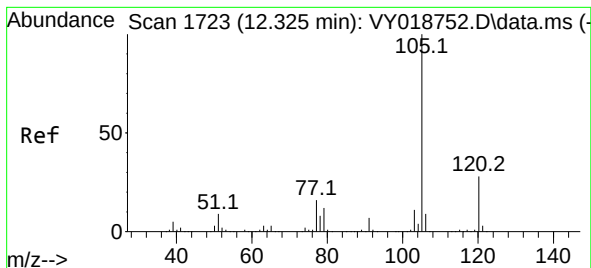
Tgt Ion:117 Resp: 142092
Ion Ratio Lower Upper
117 100
82 53.3 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

Tgt Ion:152 Resp: 56907
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 161.0 0.0 345.6





#73

Isopropylbenzene

Concen: 2.445 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY018870.D

Acq: 18 Jul 2024 17:21

Instrument :

MSVOA_Y

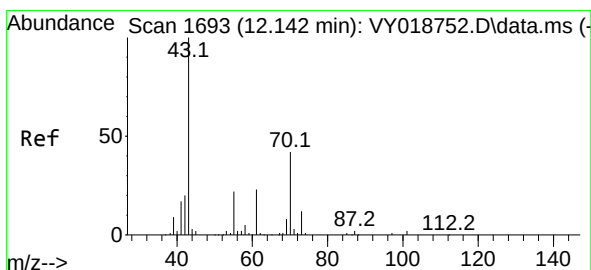
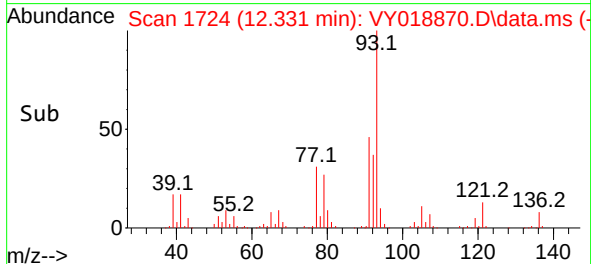
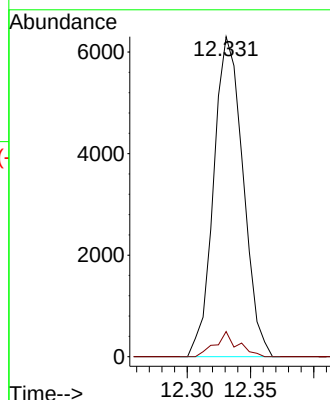
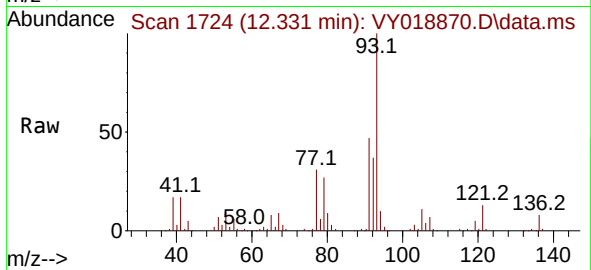
ClientSampleId :

Tgt Ion:105 Resp: 10183

Ion Ratio Lower Upper

105 100

120 6.0 13.4 40.1#



#74

N-amy1 acetate

Concen: 4.849 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.189 min

Lab File: VY018870.D

Acq: 18 Jul 2024 17:21

Tgt Ion: 43 Resp: 4130

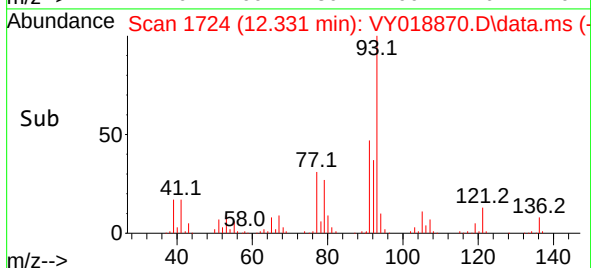
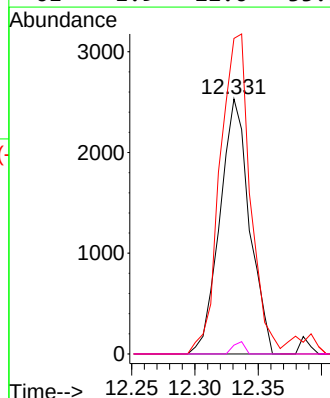
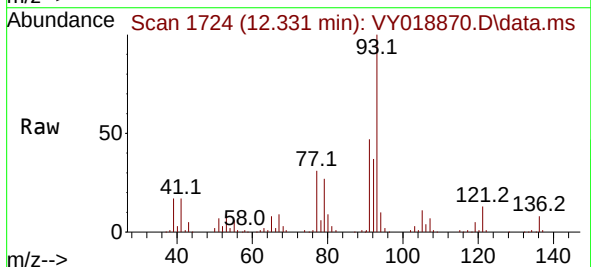
Ion Ratio Lower Upper

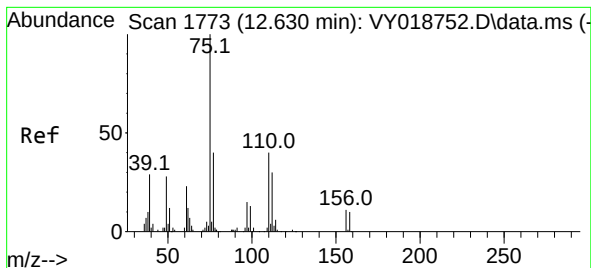
43 100

70 0.0 41.4 62.2#

55 128.4 23.3 34.9#

61 1.9 22.6 33.8#

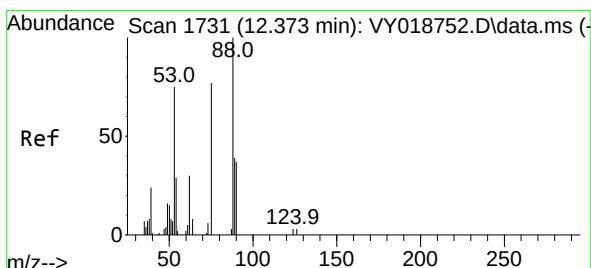
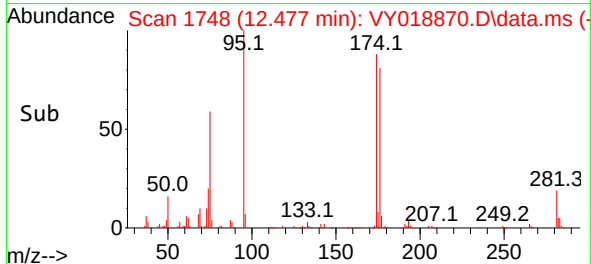
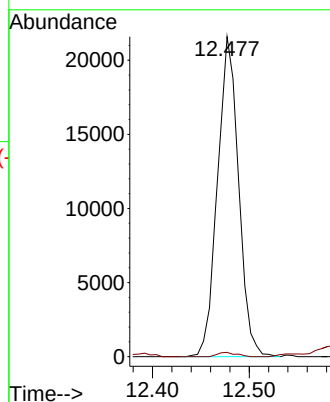
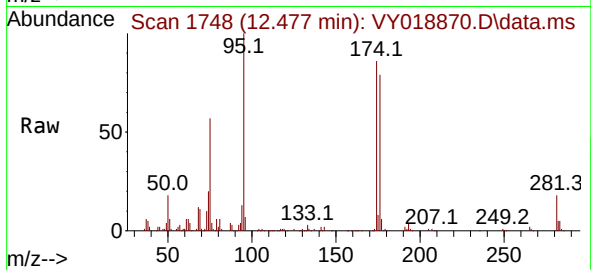




#76
1,2,3-Trichloropropane
Concen: 73.342 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

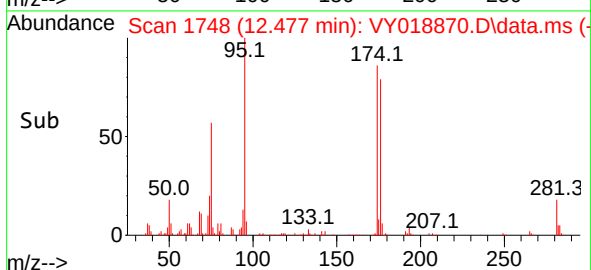
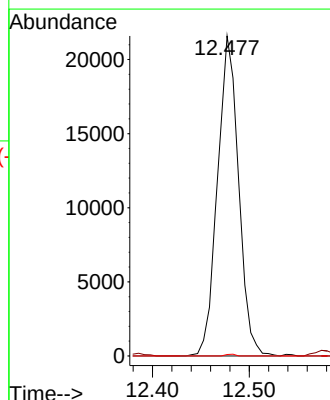
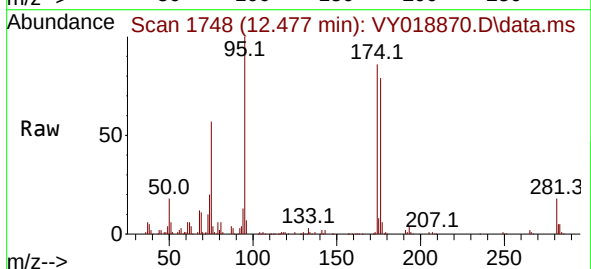
Instrument :
MSVOA_Y
ClientSampleId :

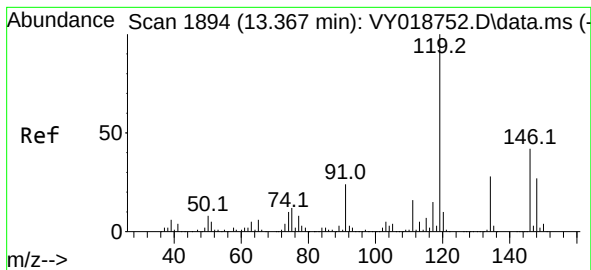
Tgt Ion: 75 Resp: 32689
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 164.144 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018870.D
Acq: 18 Jul 2024 17:21

Tgt Ion: 75 Resp: 32689
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#





#86

p-Isopropyltoluene

Concen: 2.270 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.000 min

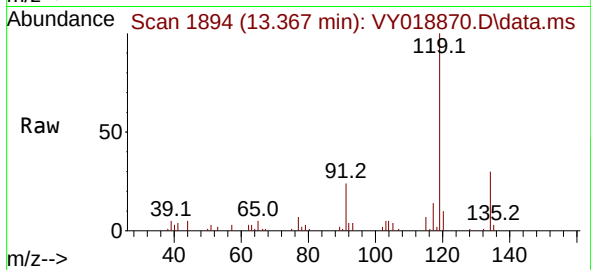
Lab File: VY018870.D

Acq: 18 Jul 2024 17:21

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:119 Resp: 8750

Ion Ratio Lower Upper

119 100

134 31.9 13.1 39.3

91 22.5 10.7 32.1

