

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071224\
 Data File : VY018805.D
 Acq On : 12 Jul 2024 18:18
 Operator : SY/MD
 Sample : P3207-07
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 12 23:43:29 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)

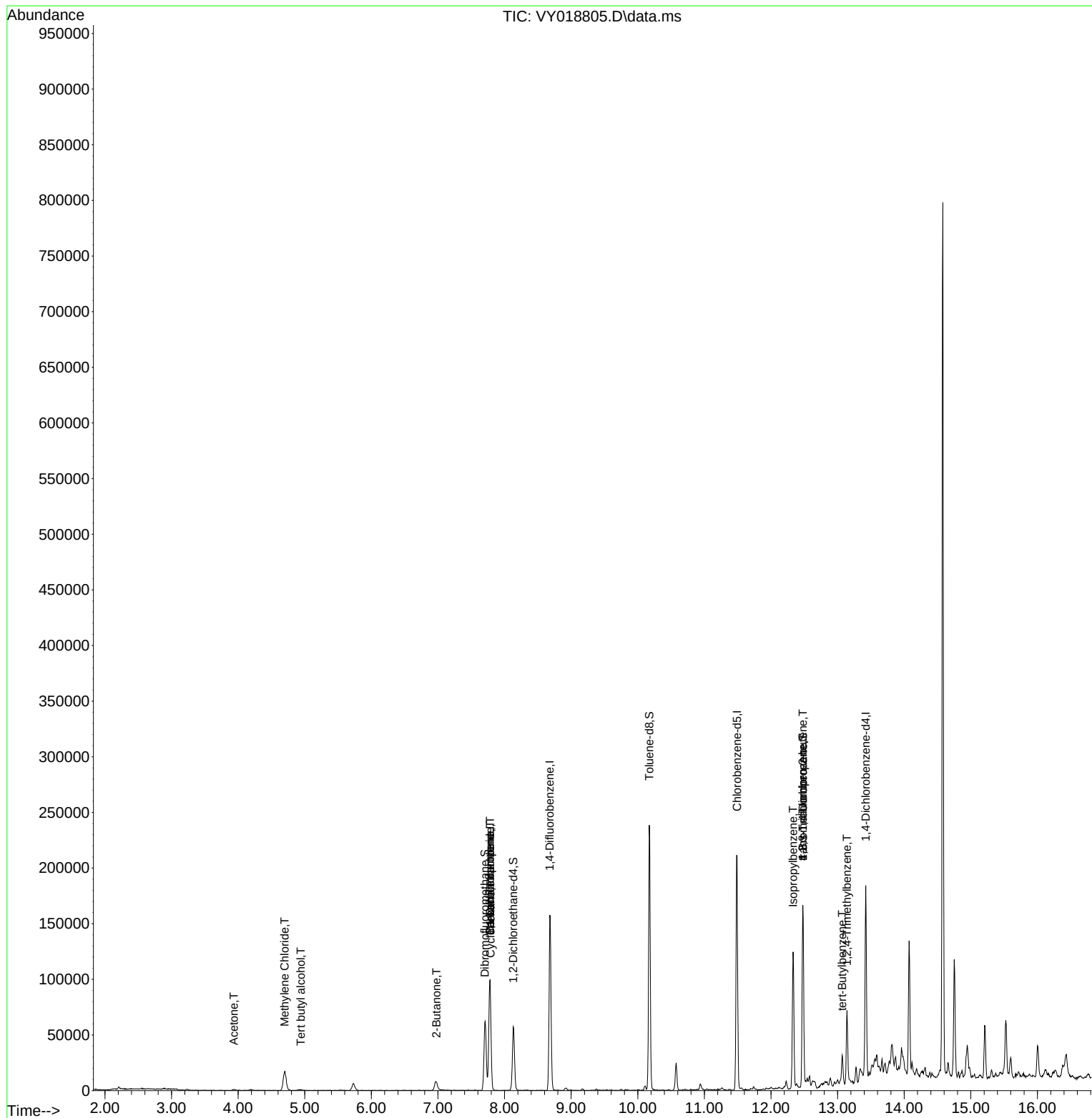
Internal Standards						
1) Pentafluorobenzene	7.783	168	79880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	139410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	118689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	42177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	44029	56.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.020%	
35) Dibromofluoromethane	7.704	113	44312	50.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.500%	
50) Toluene-d8	10.173	98	152464	46.089	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.180%	
62) 4-Bromofluorobenzene	12.477	95	45834	40.572	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.140%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	343	4.308	ug/l #	88
16) Acetone	3.936	43	1081	7.460	ug/l #	70
20) Methylene Chloride	4.698	84	13434	12.662	ug/l	94
25) 2-Butanone	6.978	43	637	3.136	ug/l #	41
31) Cyclohexane	7.789	56	1659	1.374	ug/l #	54
36) 1,1-Dichloropropene	7.783	75	5806	4.818	ug/l #	48
38) Carbon Tetrachloride	7.783	117	7967	5.490	ug/l #	18
73) Isopropylbenzene	12.331	105	5227	1.693	ug/l #	63
76) 1,2,3-Trichloropropane	12.477	75	26065	78.904	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	26065	176.592	ug/l #	16
83) tert-Butylbenzene	13.069	119	10793	4.629	ug/l	93
84) 1,2,4-Trimethylbenzene	13.142	105	3046	1.214	ug/l #	48

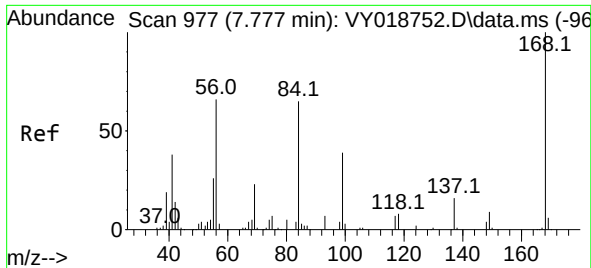
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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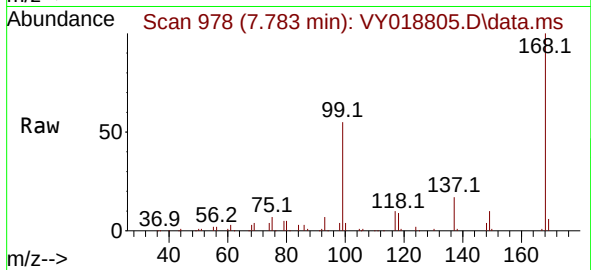
Quant Time: Jul 12 23:43:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
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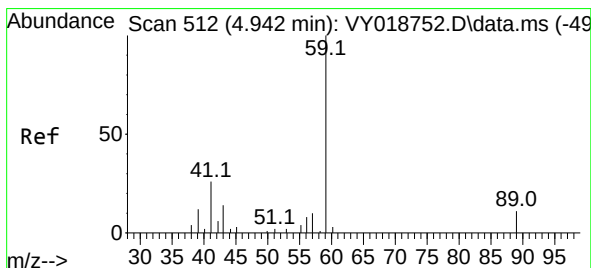
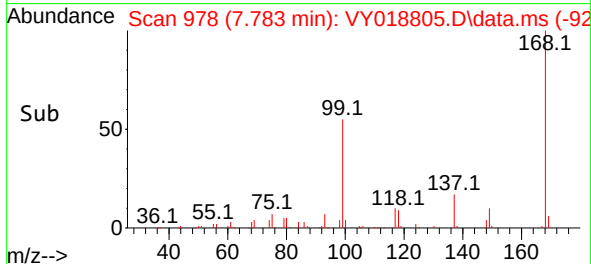
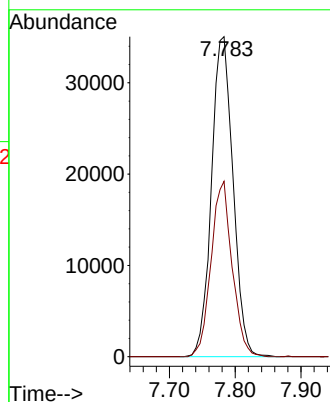


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

Instrument :
MSVOA_Y
ClientSampleId :

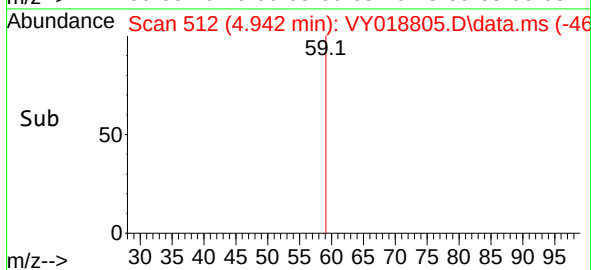
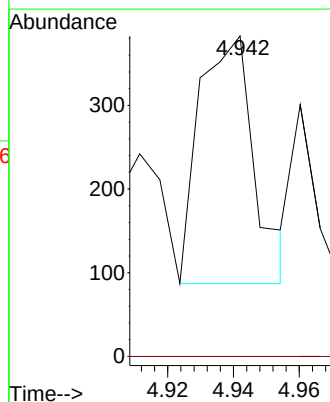
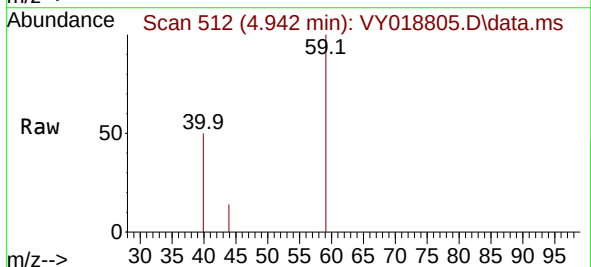


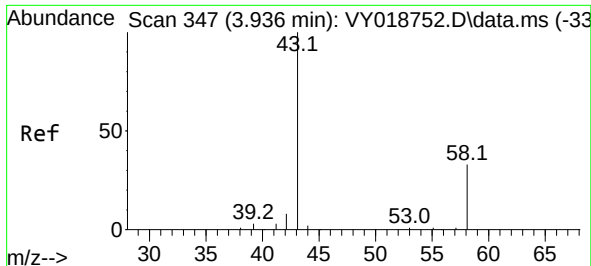
Tgt Ion:168 Resp: 79880
Ion Ratio Lower Upper
168 100
99 54.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 4.308 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

Tgt Ion: 59 Resp: 343
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 7.460 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018805.D

Acq: 12 Jul 2024 18:18

Instrument :

MSVOA_Y

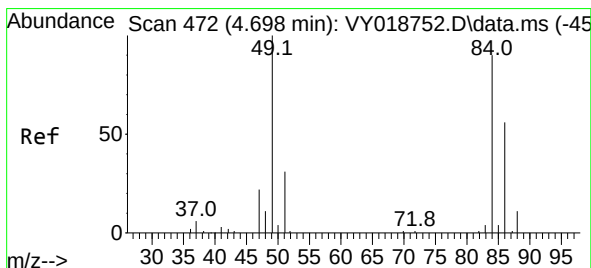
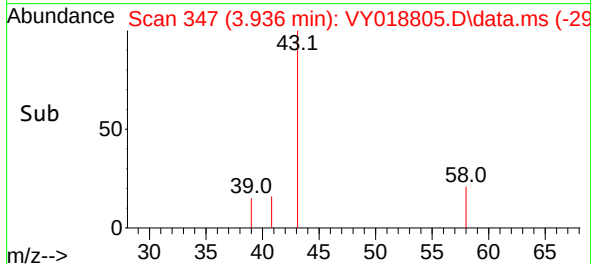
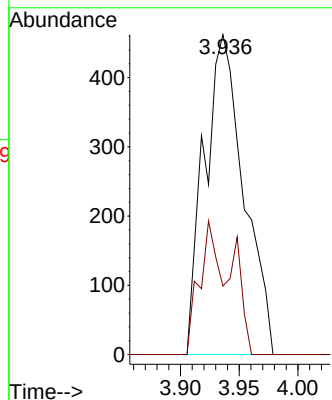
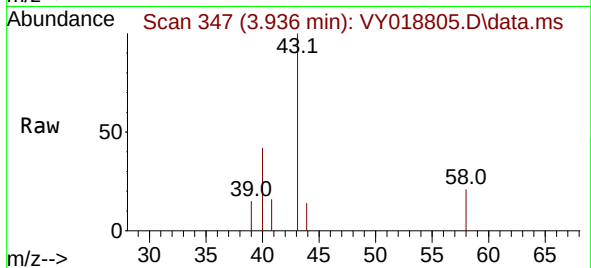
ClientSampleId :

Tgt Ion: 43 Resp: 1081

Ion Ratio Lower Upper

43 100

58 21.4 31.7 47.5#



#20

Methylene Chloride

Concen: 12.662 ug/l

RT: 4.698 min Scan# 472

Delta R.T. 0.000 min

Lab File: VY018805.D

Acq: 12 Jul 2024 18:18

Tgt Ion: 84 Resp: 13434

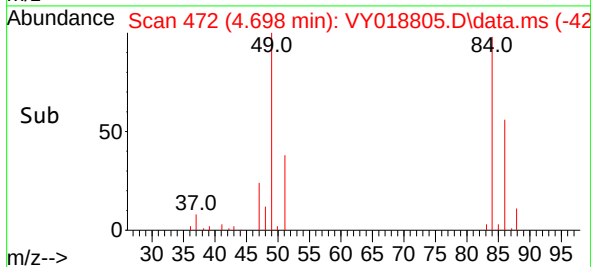
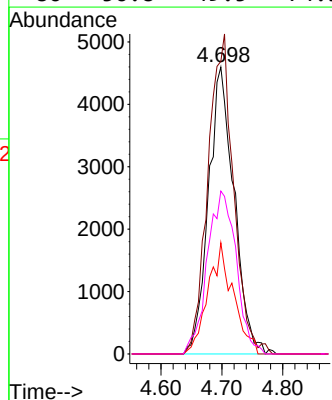
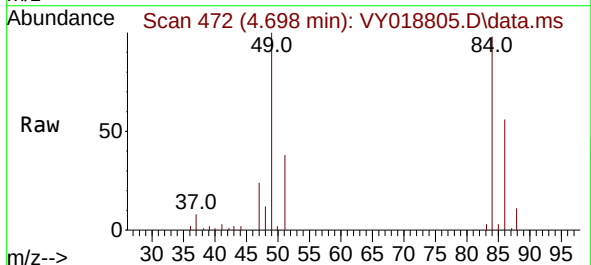
Ion Ratio Lower Upper

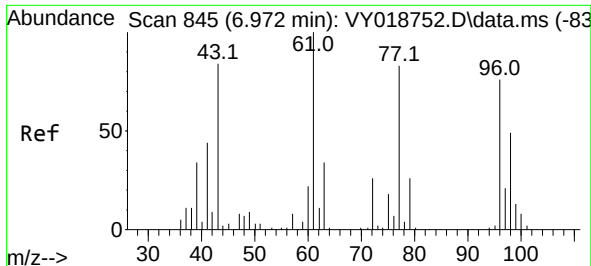
84 100

49 102.0 84.4 126.6

51 38.8 26.0 39.0

86 56.8 49.5 74.3

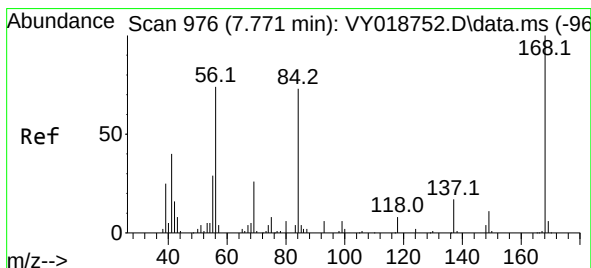
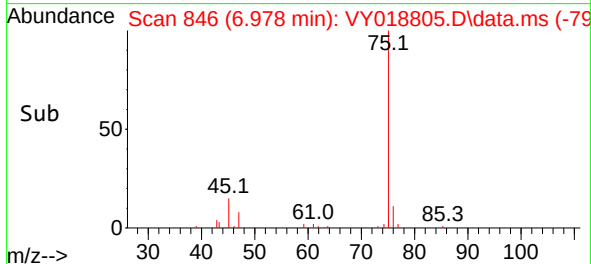
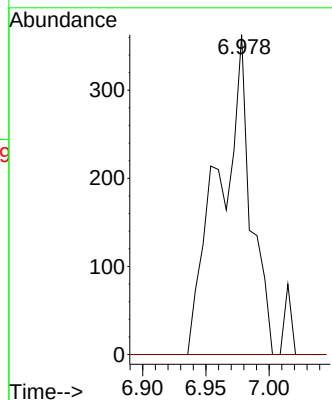
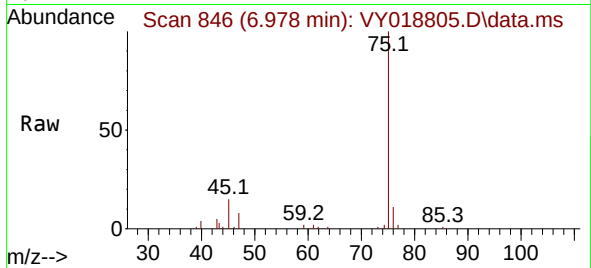




#25
2-Butanone
Concen: 3.136 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

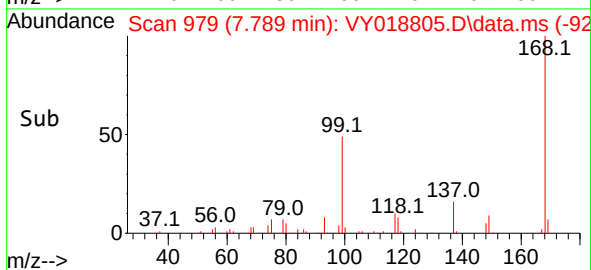
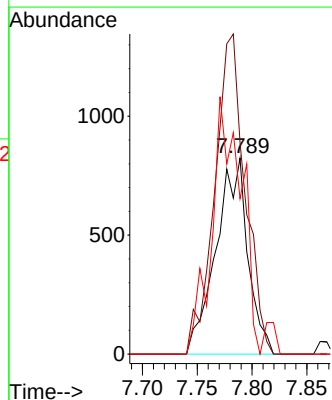
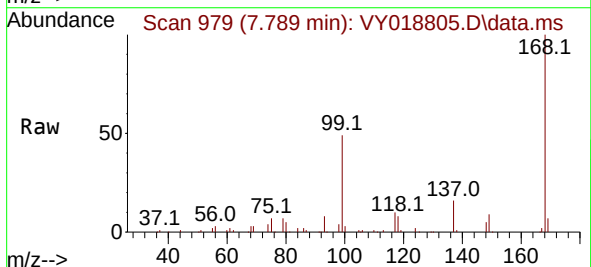
Instrument :
MSVOA_Y
ClientSampleId :

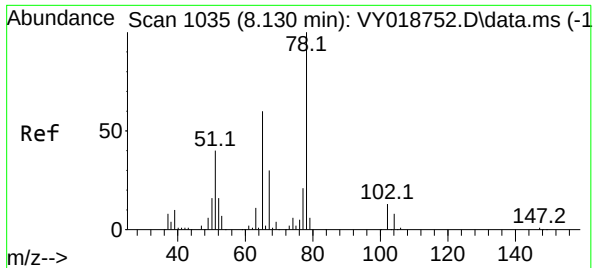
Tgt Ion: 43 Resp: 637
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.374 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.018 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

Tgt Ion: 56 Resp: 1659
Ion Ratio Lower Upper
56 100
69 107.9 28.7 43.1#
84 79.4 77.7 116.5

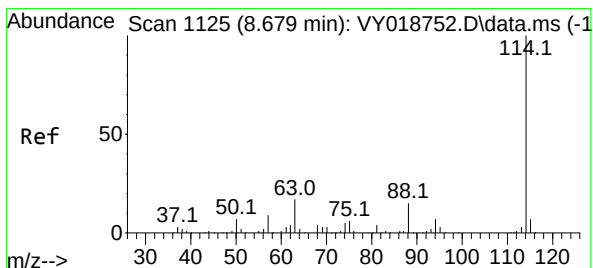
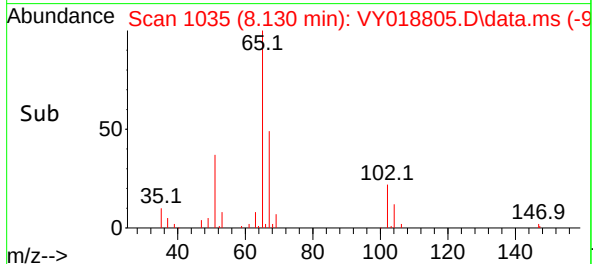
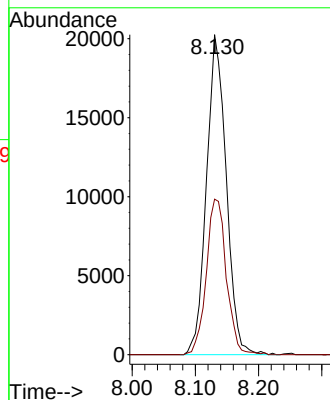
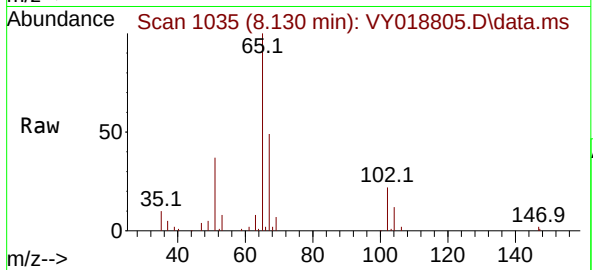




#33
 1,2-Dichloroethane-d4
 Concen: 56.014 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY018805.D
 Acq: 12 Jul 2024 18:18

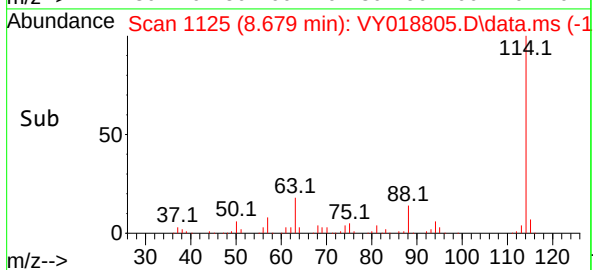
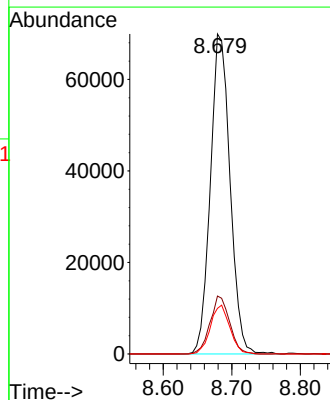
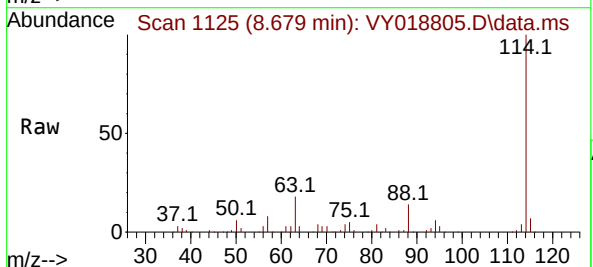
Instrument :
 MSVOA_Y
 ClientSampleId :

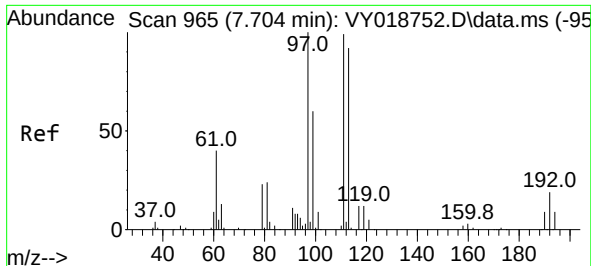
Tgt Ion: 65 Resp: 44029
 Ion Ratio Lower Upper
 65 100
 67 49.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VY018805.D
 Acq: 12 Jul 2024 18:18

Tgt Ion: 114 Resp: 139410
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.0
 88 14.2 0.0 27.2

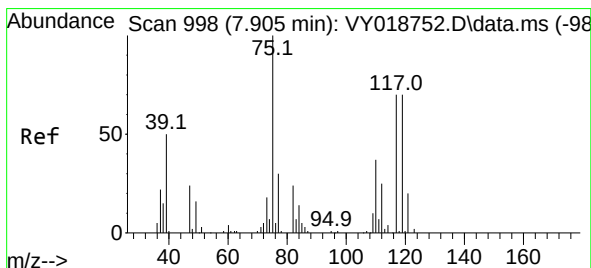
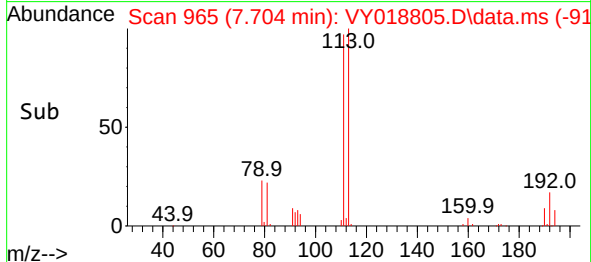
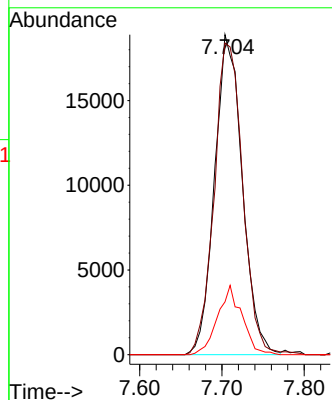
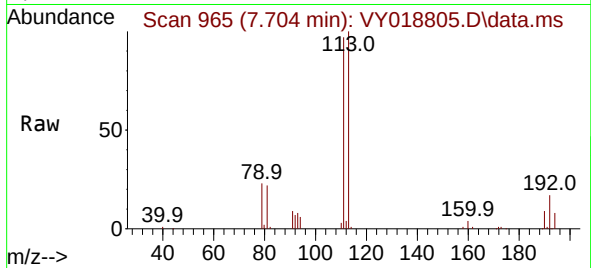




#35
Dibromofluoromethane
Concen: 50.749 ug/l
RT: 7.704 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

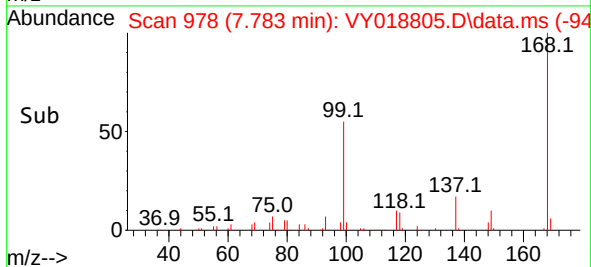
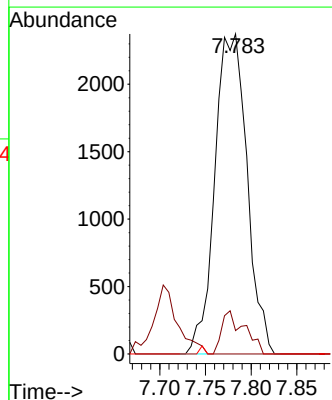
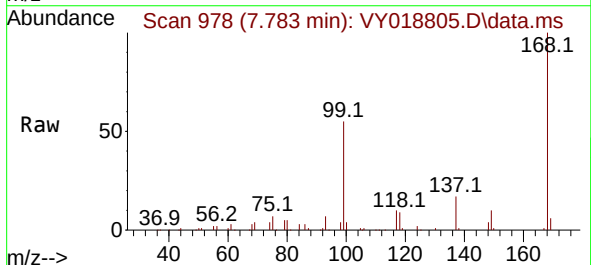
Instrument :
MSVOA_Y
ClientSampleId :

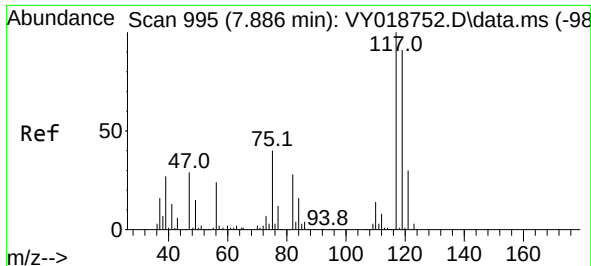
Tgt Ion:113 Resp: 44312
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.818 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

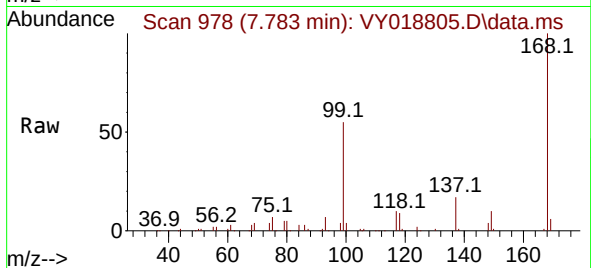
Tgt Ion: 75 Resp: 5806
Ion Ratio Lower Upper
75 100
110 9.5 19.0 57.0#
77 0.0 25.3 37.9#



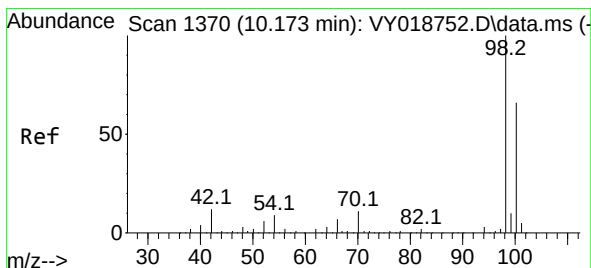
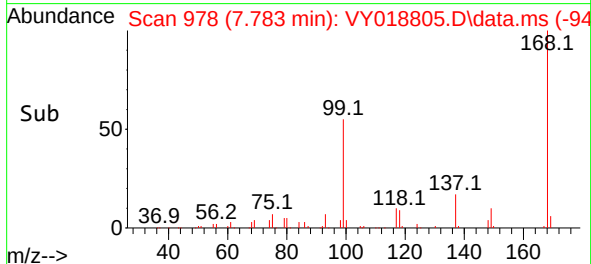
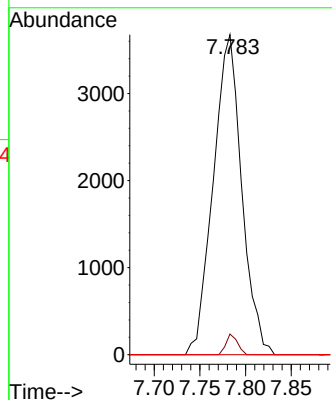


#38
Carbon Tetrachloride
Concen: 5.490 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

Instrument :
MSVOA_Y
ClientSampleId :

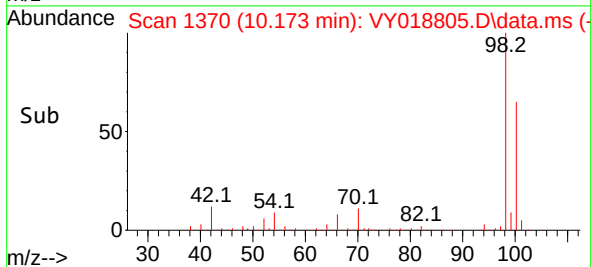
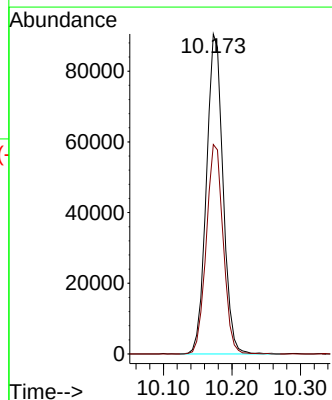
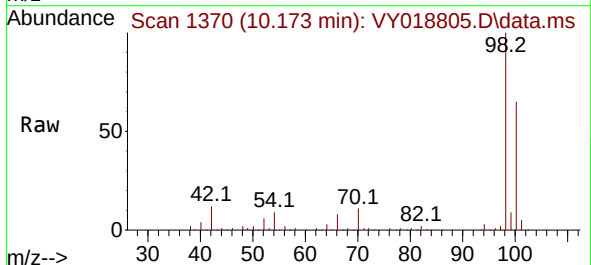


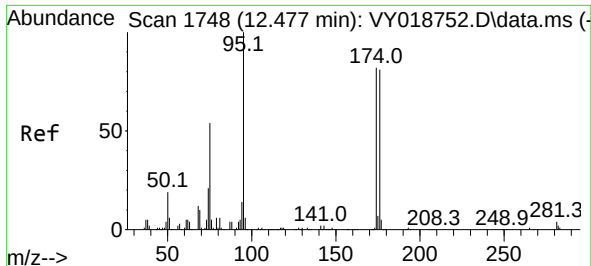
Tgt Ion:117 Resp: 7967
Ion Ratio Lower Upper
117 100
119 6.5 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.089 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.000 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

Tgt Ion: 98 Resp: 152464
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0

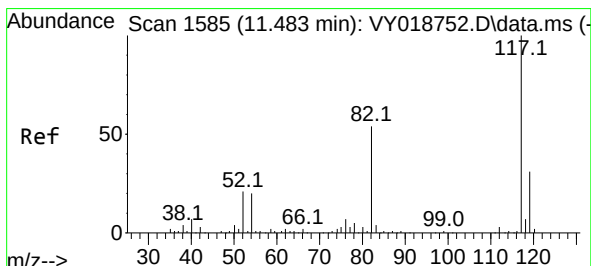
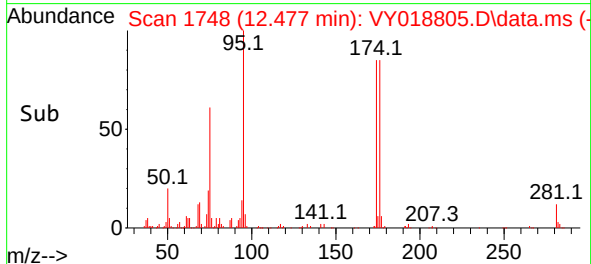
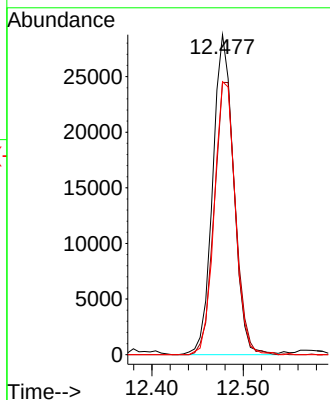
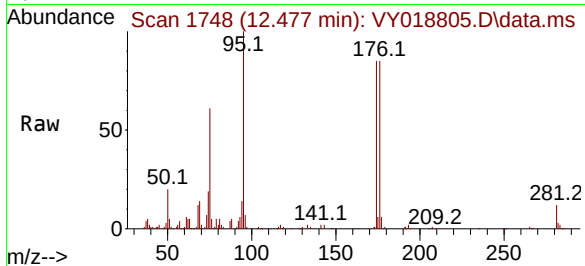




#62
4-Bromofluorobenzene
Concen: 40.572 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

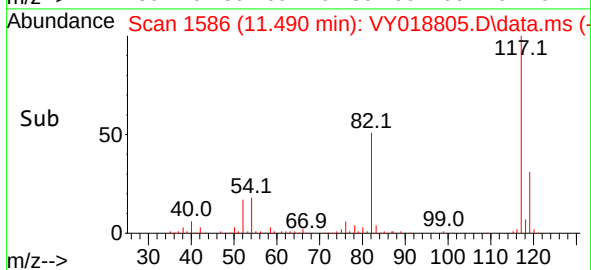
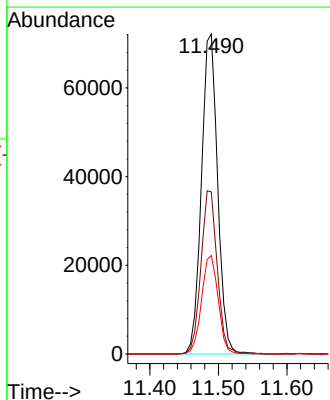
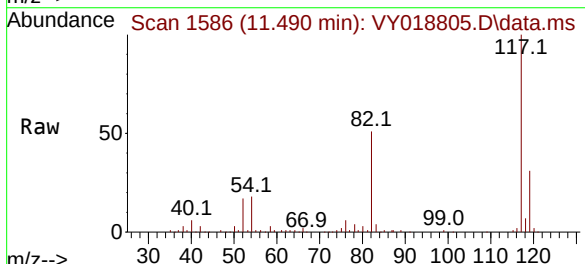
Instrument :
MSVOA_Y
ClientSampleId :

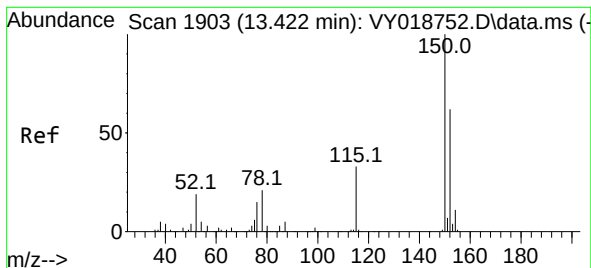
Tgt Ion: 95 Resp: 45834
Ion Ratio Lower Upper
95 100
174 86.8 0.0 175.6
176 85.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

Tgt Ion: 117 Resp: 118689
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 30.7 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: VY018805.D

Acq: 12 Jul 2024 18:18

Instrument :

MSVOA_Y

ClientSampleId :

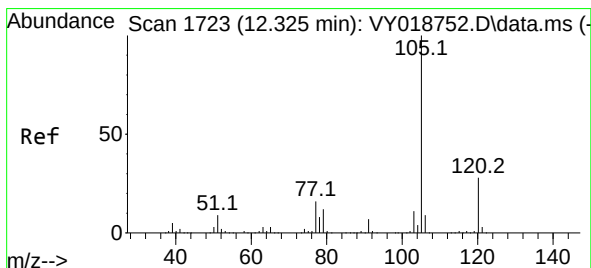
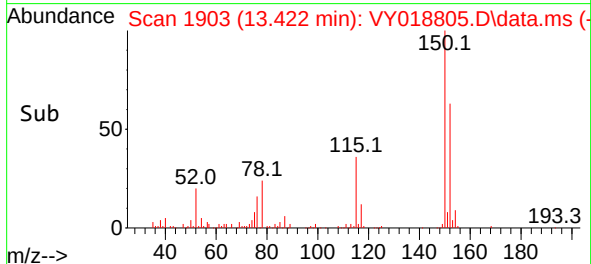
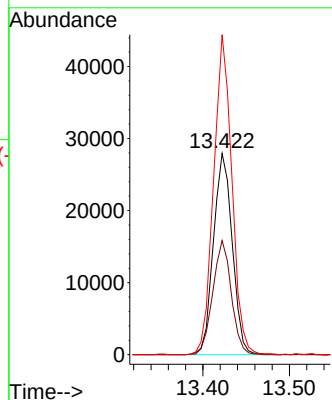
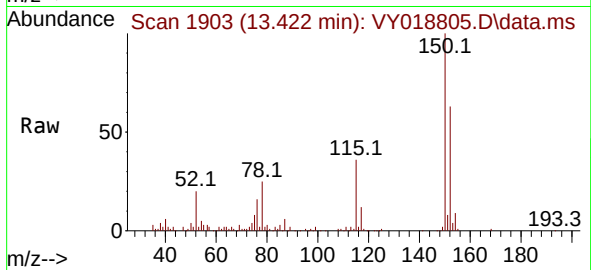
Tgt Ion:152 Resp: 42177

Ion Ratio Lower Upper

152 100

115 55.8 28.2 84.7

150 154.4 0.0 345.6



#73

Isopropylbenzene

Concen: 1.693 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.006 min

Lab File: VY018805.D

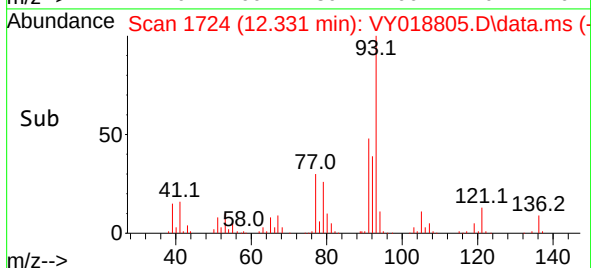
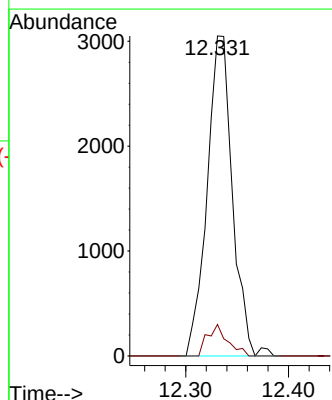
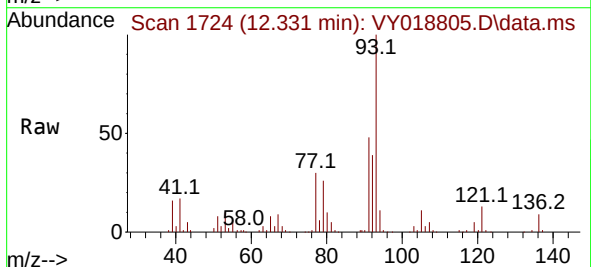
Acq: 12 Jul 2024 18:18

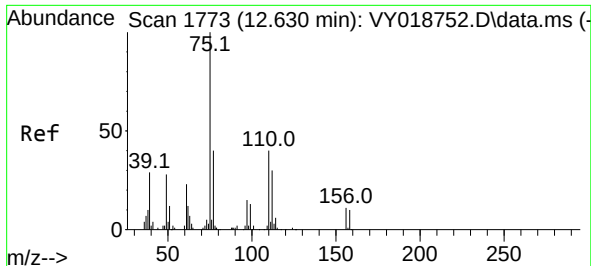
Tgt Ion:105 Resp: 5227

Ion Ratio Lower Upper

105 100

120 7.8 13.4 40.1#

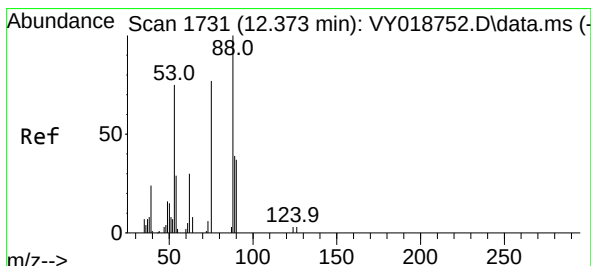
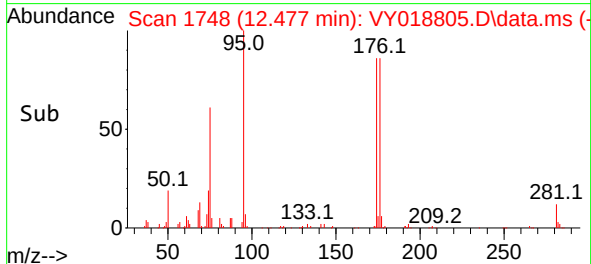
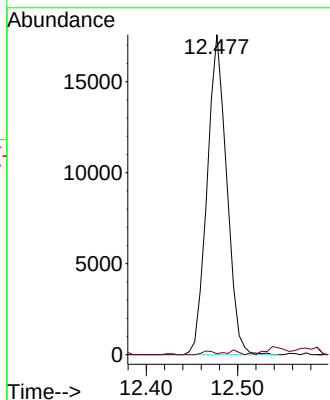
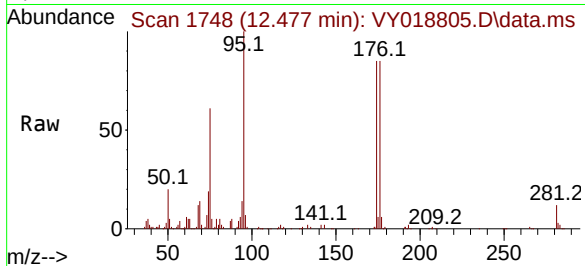




#76
1,2,3-Trichloropropane
Concen: 78.904 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

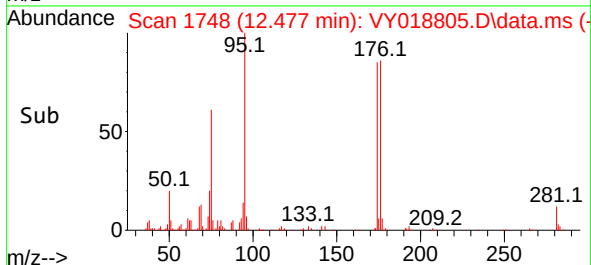
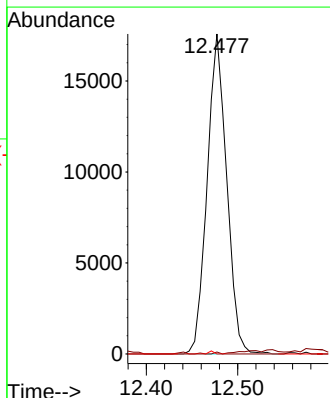
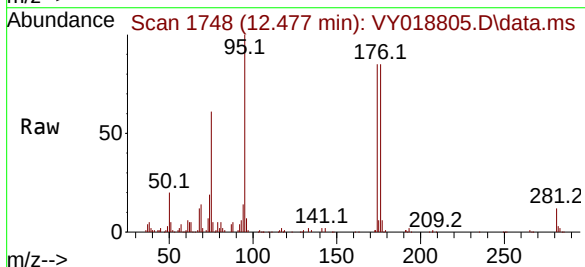
Instrument :
MSVOA_Y
ClientSampleId :

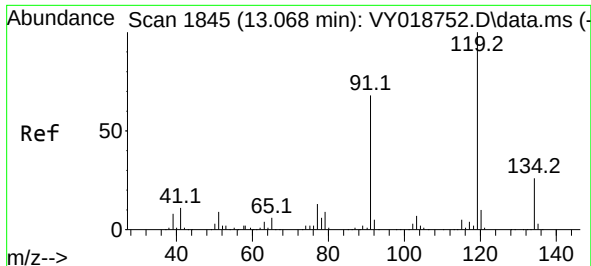
Tgt Ion: 75 Resp: 26065
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 176.592 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018805.D
Acq: 12 Jul 2024 18:18

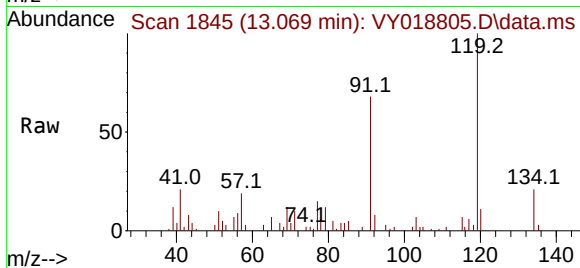
Tgt Ion: 75 Resp: 26065
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#



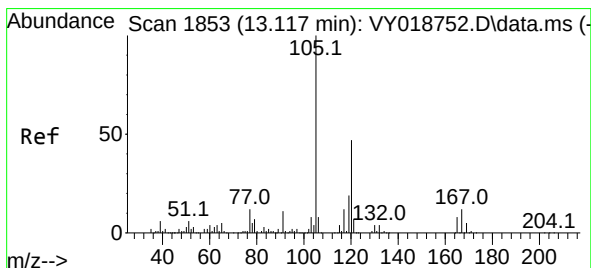
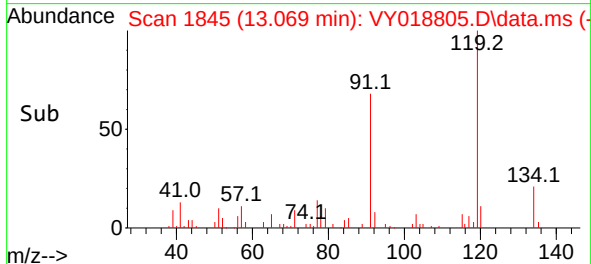
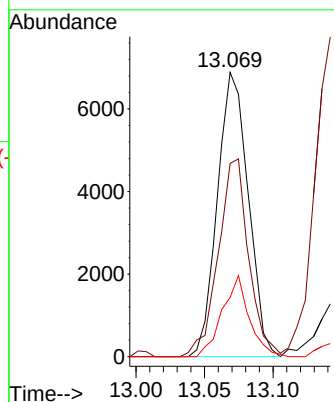


#83
 tert-Butylbenzene
 Concen: 4.629 ug/l
 RT: 13.069 min Scan# 119
 Delta R.T. 0.000 min
 Lab File: VY018805.D
 Acq: 12 Jul 2024 18:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:119 Resp: 10793
 Ion Ratio Lower Upper
 119 100
 91 68.6 31.3 93.8
 134 24.7 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.214 ug/l
 RT: 13.142 min Scan# 1857
 Delta R.T. 0.024 min
 Lab File: VY018805.D
 Acq: 12 Jul 2024 18:18

Tgt Ion:105 Resp: 3046
 Ion Ratio Lower Upper
 105 100
 120 11.6 23.2 69.6#

