

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018392.D
 Acq On : 29 May 2024 12:17
 Operator : SY/MD
 Sample : VY0529SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 30 04:00:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

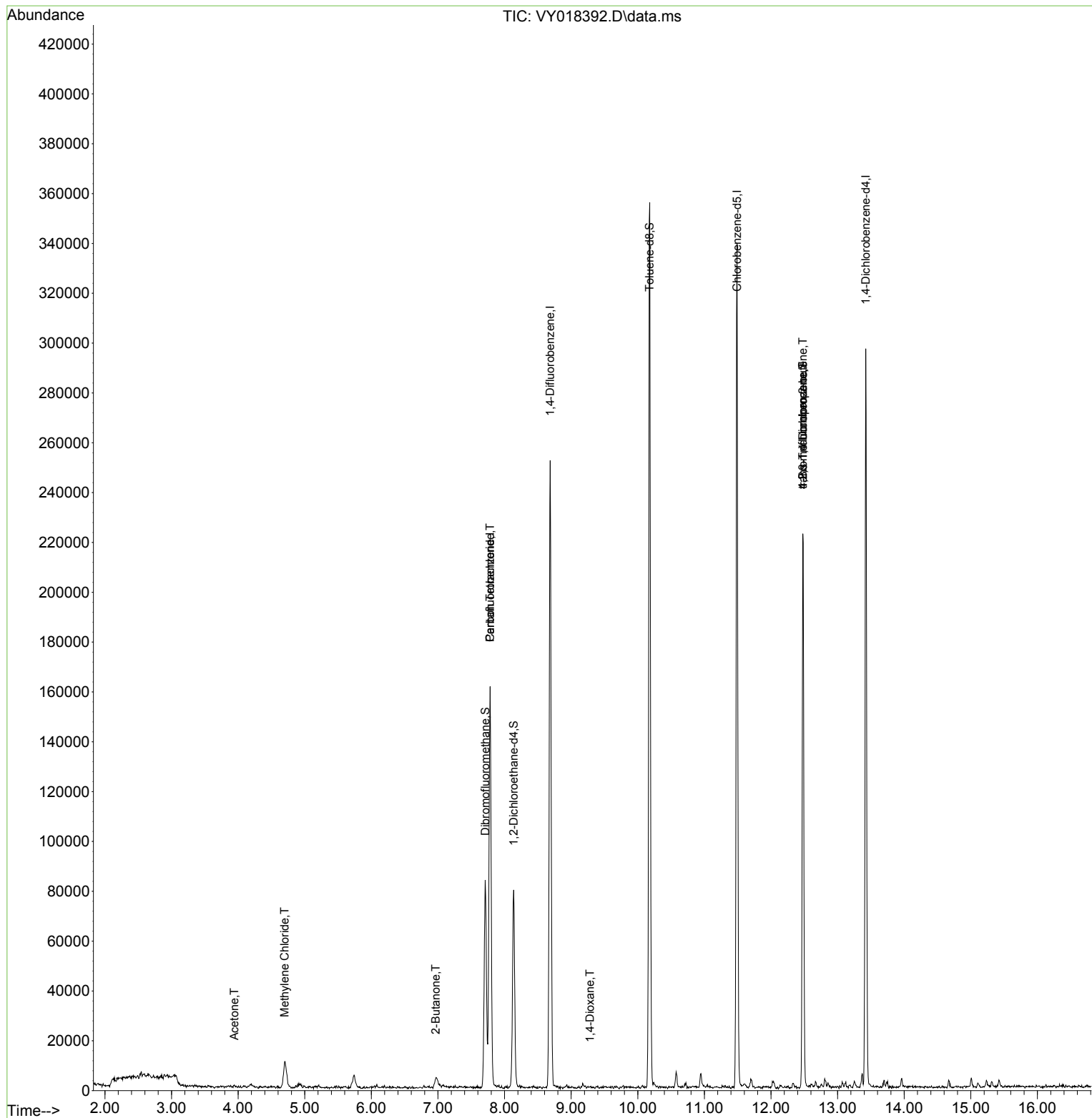
Internal Standards						
1) Pentafluorobenzene	7.783	168	116743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	213393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	57011	51.545	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 103.100%		
35) Dibromofluoromethane	7.710	113	58112	46.699	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 93.400%		
50) Toluene-d8	10.179	98	234648	48.364	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 96.720%		
62) 4-Bromofluorobenzene	12.477	95	68494	45.689	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 91.380%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	539	Below Cal	#	84
13) Acrolein	3.717	56	139	Below Cal	#	81
16) Acetone	3.942	43	1355	5.956	ug/l #	66
20) Methylene Chloride	4.698	84	8156	1.535	ug/l #	86
25) 2-Butanone	6.966	43	385	1.068	ug/l #	41
31) Cyclohexane	7.777	56	2978	Below Cal	#	30
38) Carbon Tetrachloride	7.783	117	12739	6.892	ug/l #	18
49) 1,4-Dioxane	9.283	88	25	2.654	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	37354	57.387	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	37354	118.074	ug/l #	16

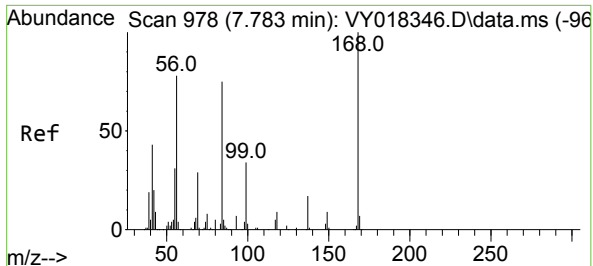
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
Data File : VY018392.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

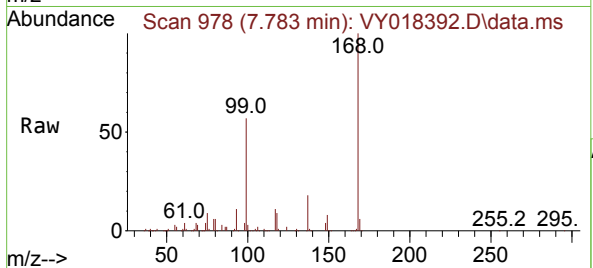
Quant Time: May 30 04:00:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration



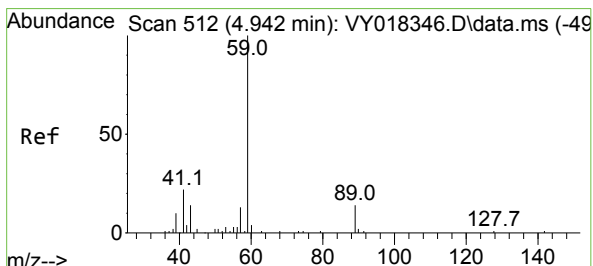
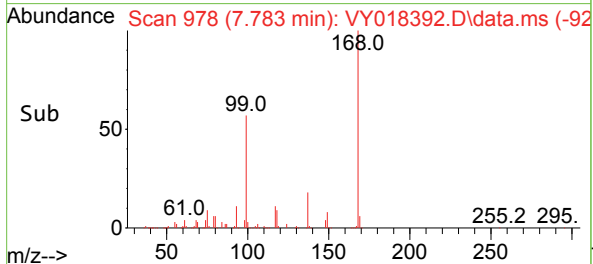
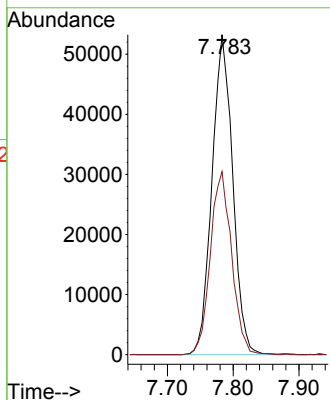


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

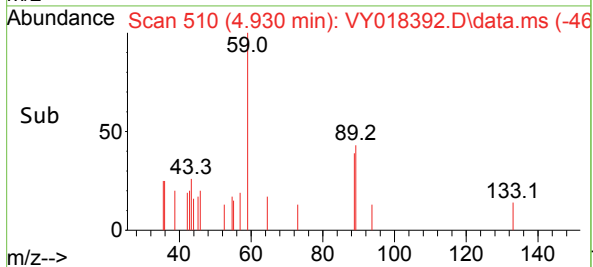
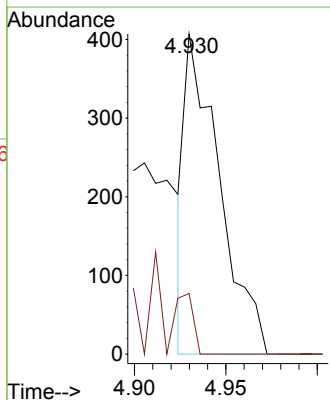
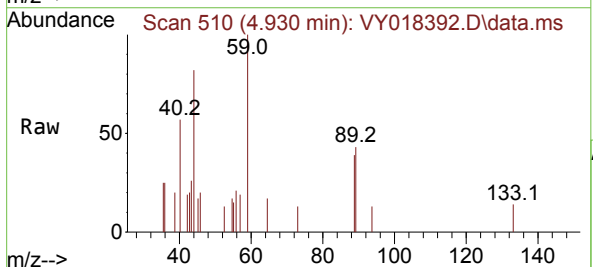


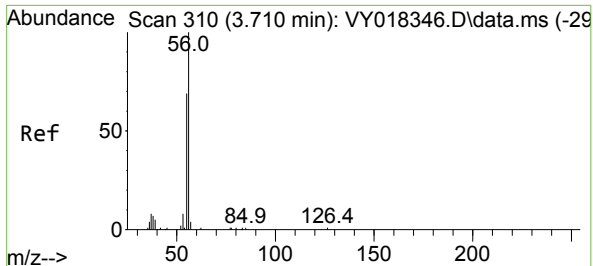
Tgt Ion:168 Resp: 116743
Ion Ratio Lower Upper
168 100
99 57.2 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

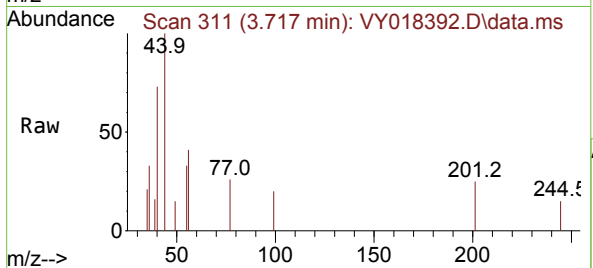
Tgt Ion: 59 Resp: 539
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.6#



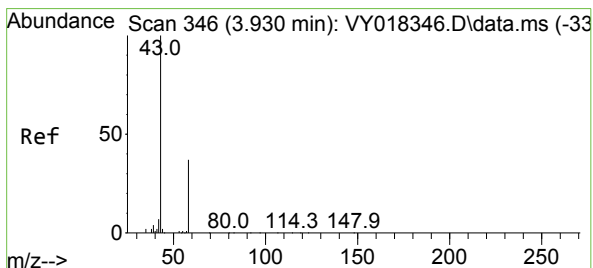
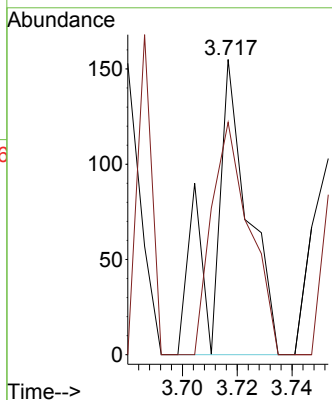
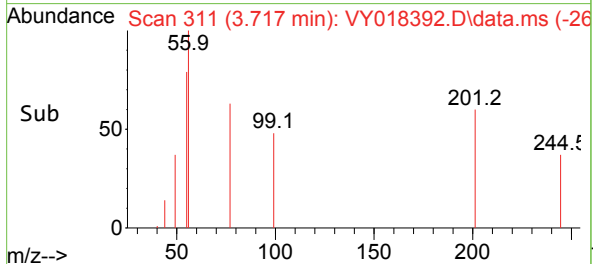


#13
Acrolein
Concen: Below Cal
RT: 3.717 min Scan# 310
Delta R.T. 0.007 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

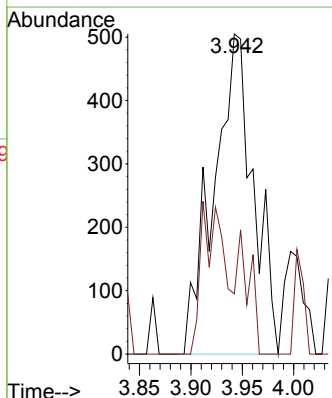
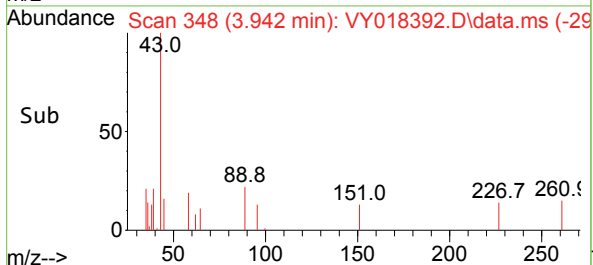
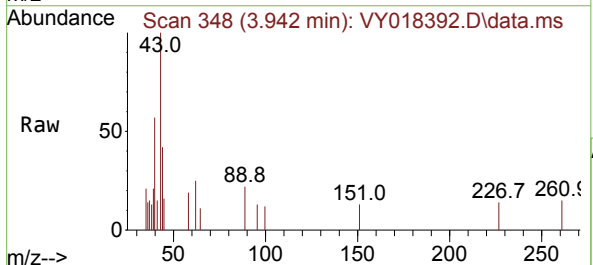


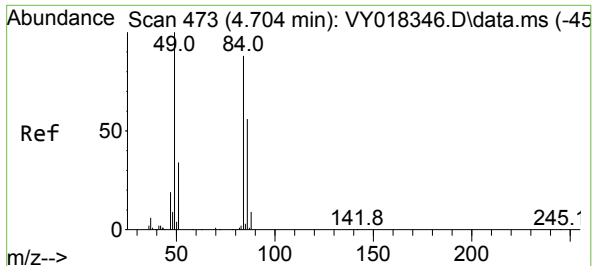
Tgt Ion: 56 Resp: 139
Ion Ratio Lower Upper
56 100
55 84.9 55.7 83.5#



#16
Acetone
Concen: 5.956 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.012 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

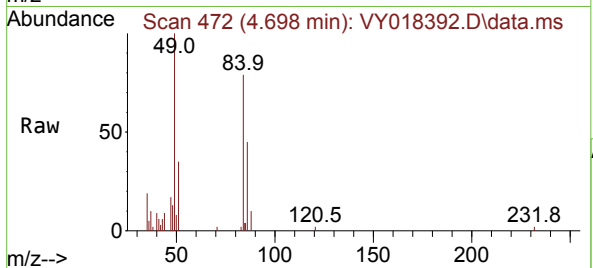
Tgt Ion: 43 Resp: 1355
Ion Ratio Lower Upper
43 100
58 18.8 31.7 47.5#



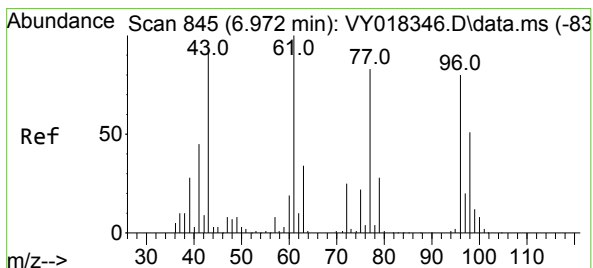
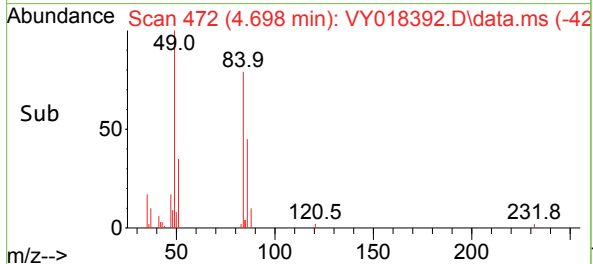
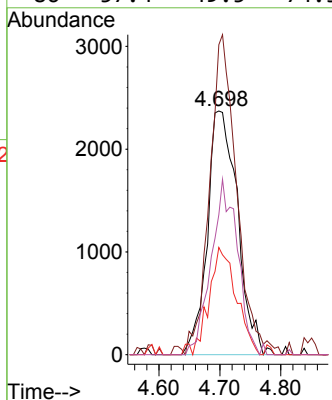


#20
Methylene Chloride
Concen: 1.535 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

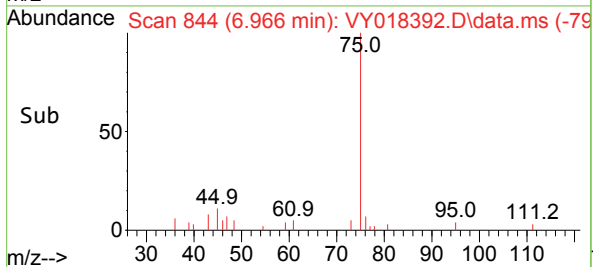
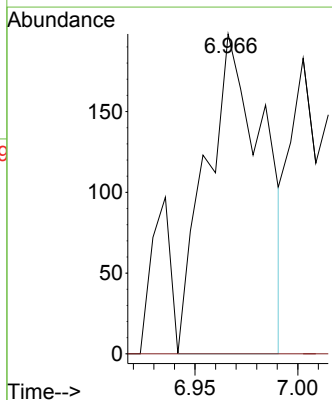
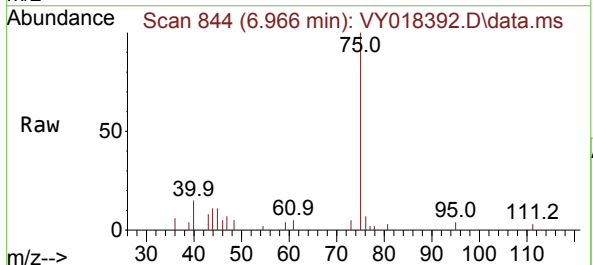


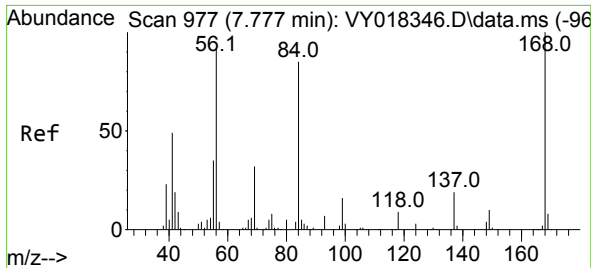
Tgt Ion:	84	Resp:	8156
Ion	Ratio	Lower	Upper
84	100		
49	123.8	84.4	126.6
51	44.0	26.0	39.0#
86	57.4	49.5	74.3



#25
2-Butanone
Concen: 1.068 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

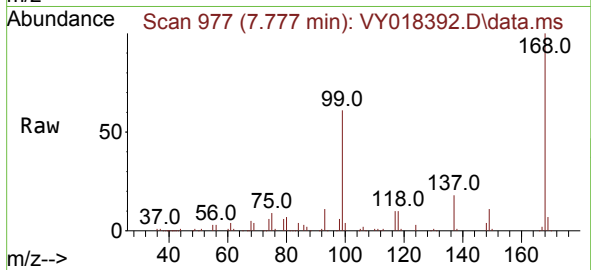
Tgt Ion:	43	Resp:	385
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



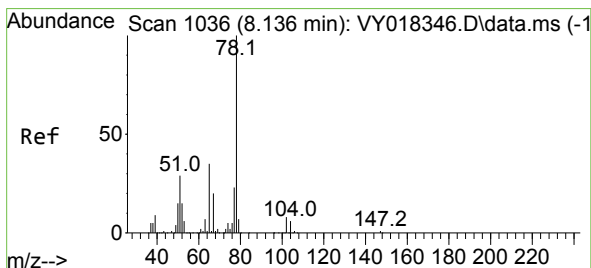
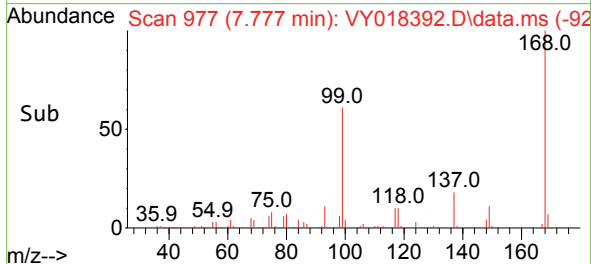
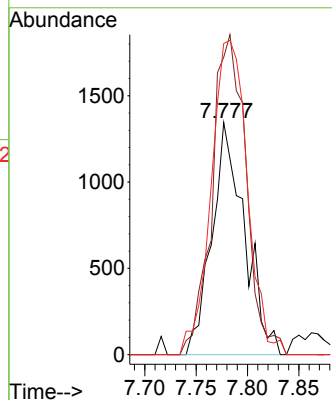


#31
Cyclohexane
Concen: Below Cal
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

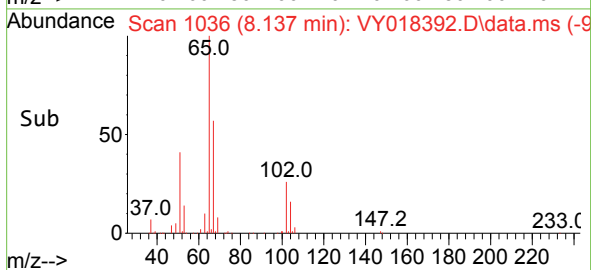
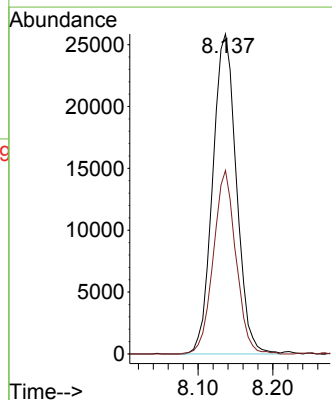
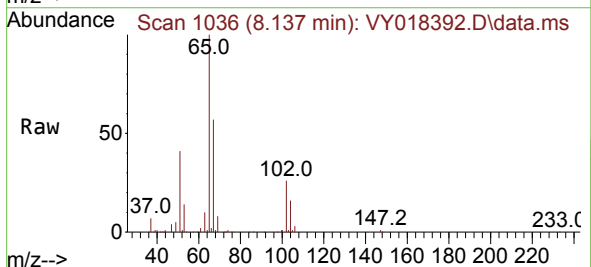


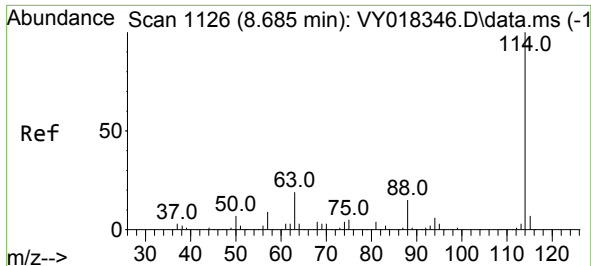
Tgt Ion: 56 Resp: 2978
Ion Ratio Lower Upper
56 100
69 128.1 28.7 43.1#
84 134.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 51.545 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Tgt Ion: 65 Resp: 57011
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.6

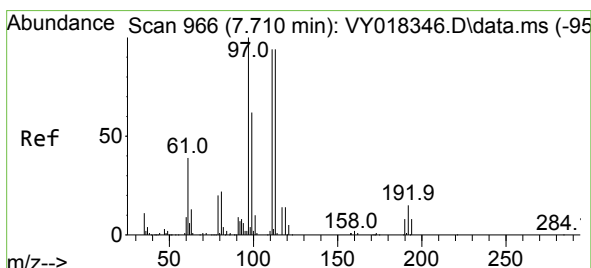
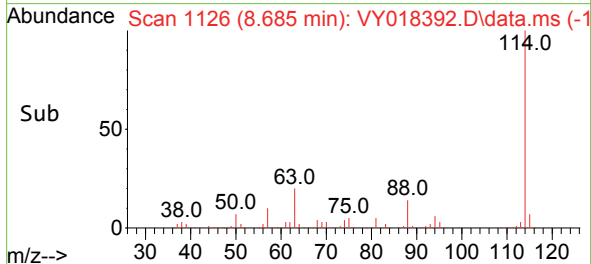
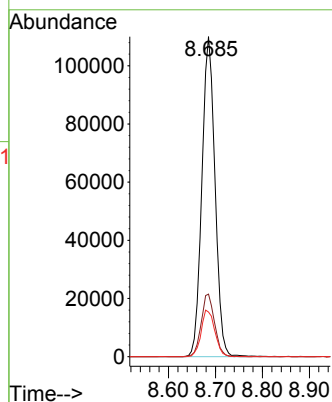
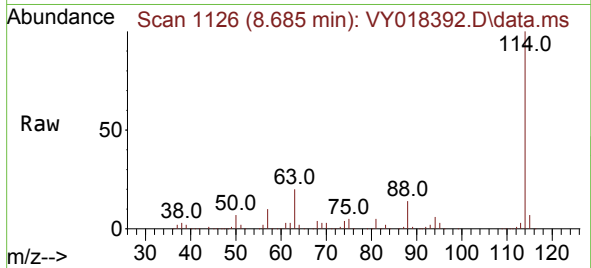




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

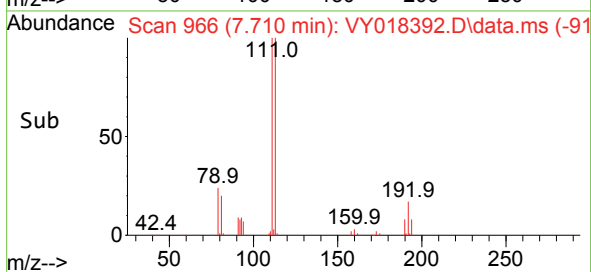
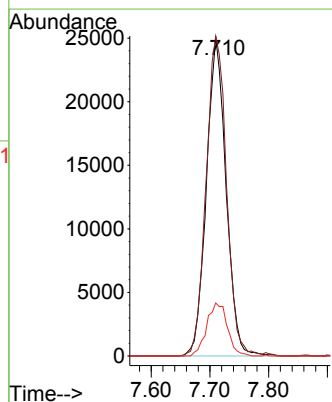
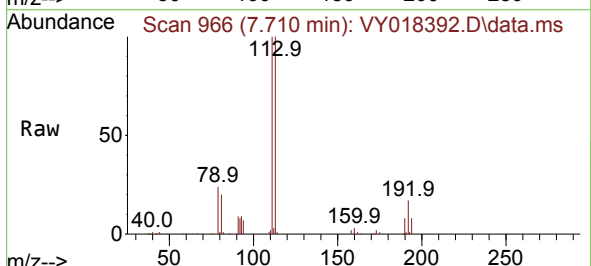
Instrument :
MSVOA_Y
ClientSampleId :

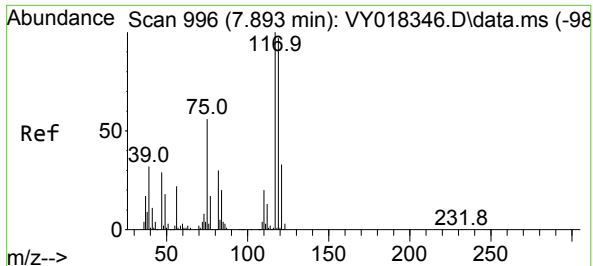
Tgt Ion:114 Resp: 213393
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.0
88 14.0 0.0 27.2



#35
Dibromofluoromethane
Concen: 46.699 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

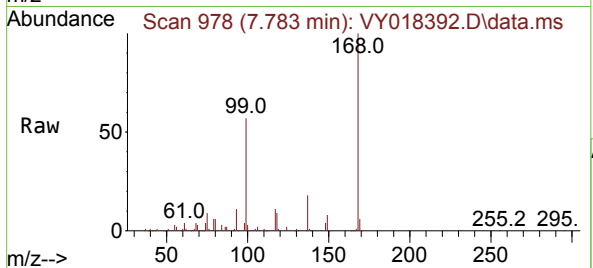
Tgt Ion:113 Resp: 58112
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 17.5 15.9 23.9



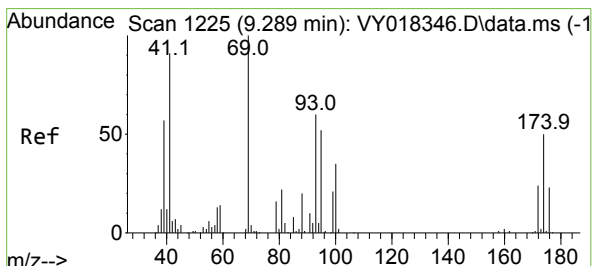
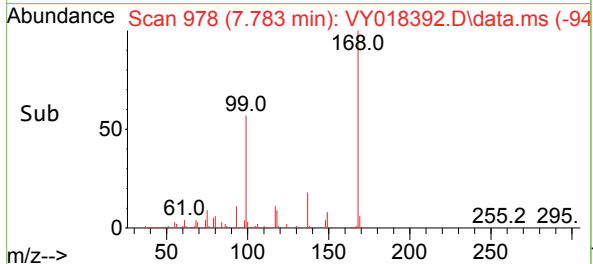
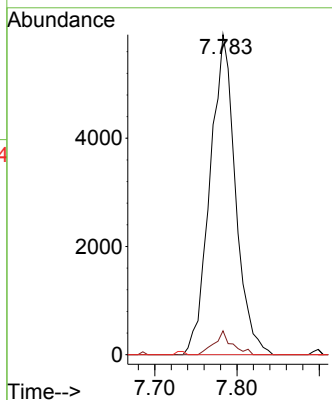


#38
Carbon Tetrachloride
Concen: 6.892 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

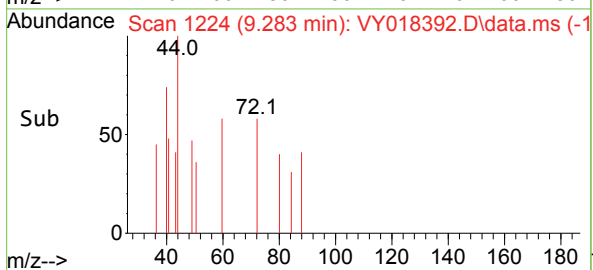
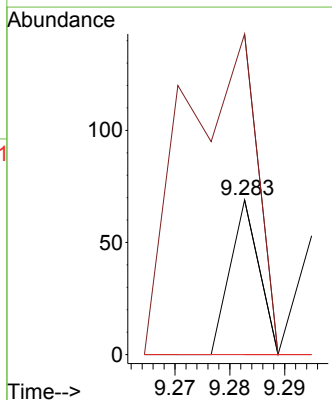
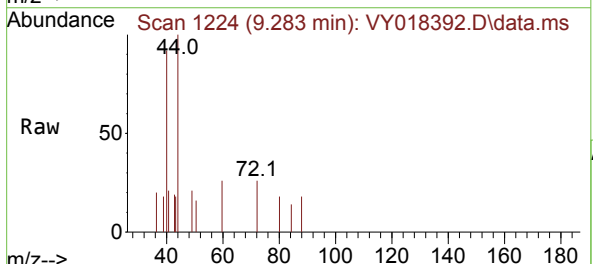


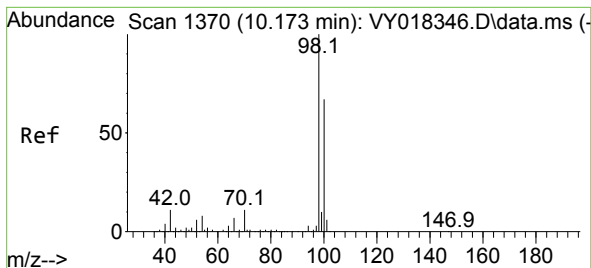
Tgt Ion:117 Resp: 12739
Ion Ratio Lower Upper
117 100
119 7.5 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.654 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 524.0 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 48.364 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018392.D

Acq: 29 May 2024 12:17

Instrument :

MSVOA_Y

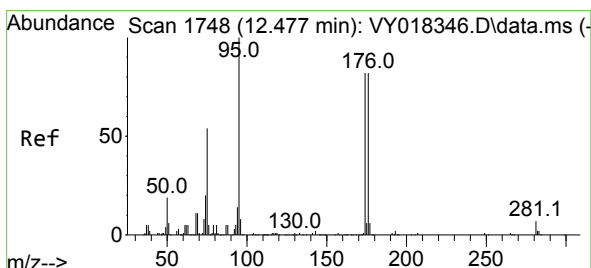
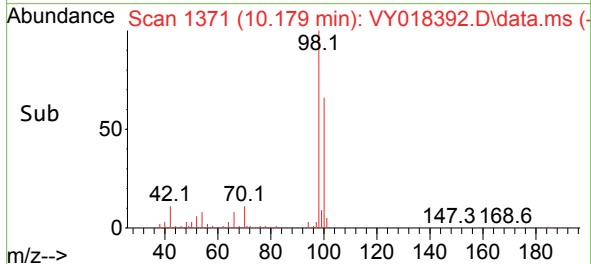
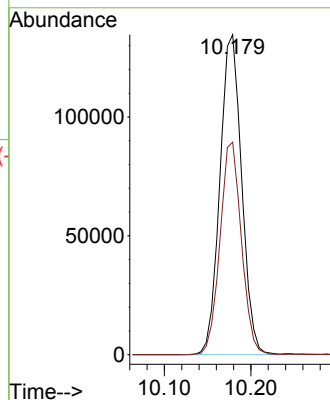
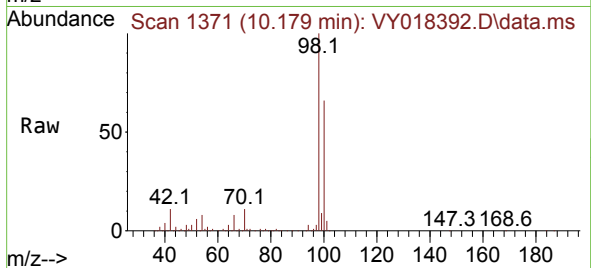
ClientSampleId :

Tgt Ion: 98 Resp: 234648

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.689 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018392.D

Acq: 29 May 2024 12:17

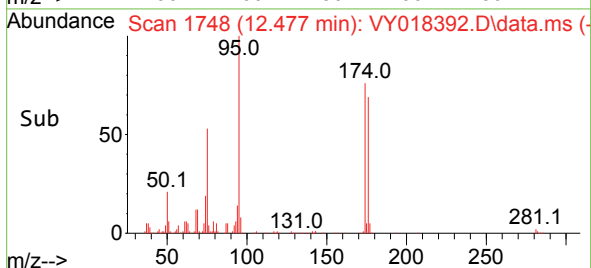
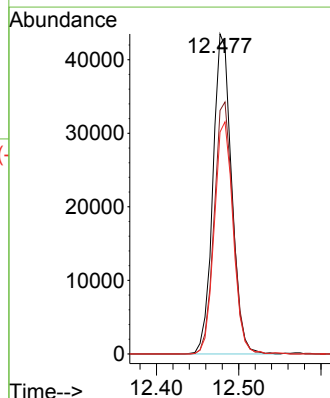
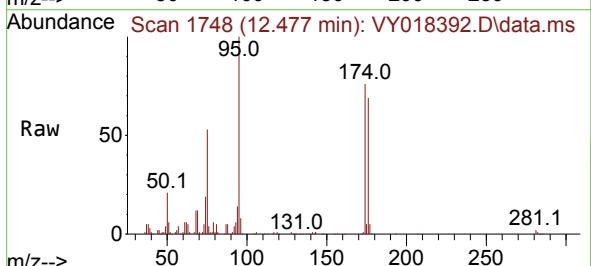
Tgt Ion: 95 Resp: 68494

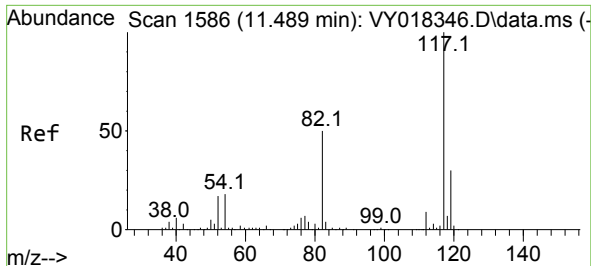
Ion Ratio Lower Upper

95 100

174 79.8 0.0 175.6

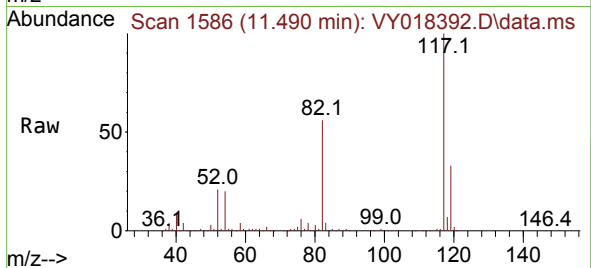
176 73.3 0.0 171.4



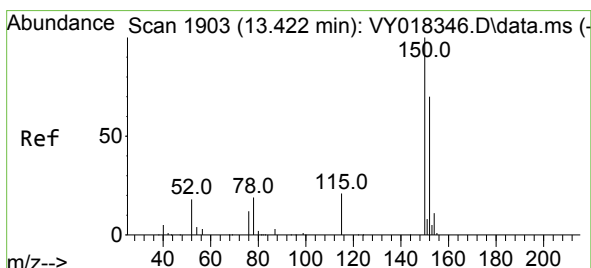
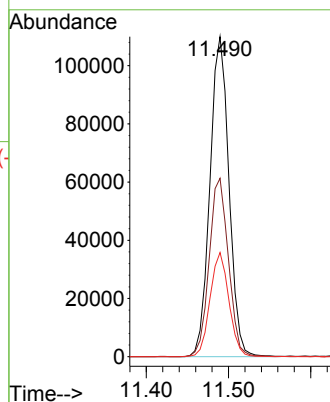
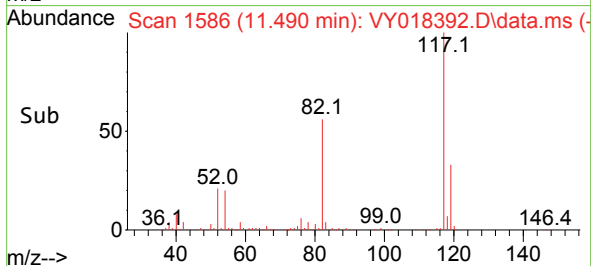


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

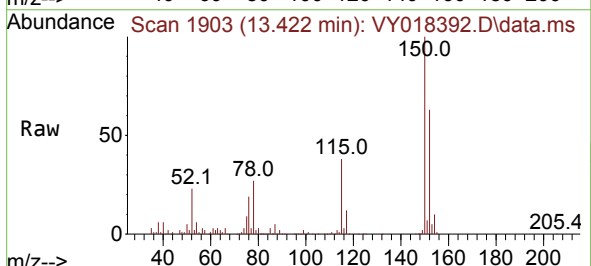
Instrument :
MSVOA_Y
ClientSampleId :



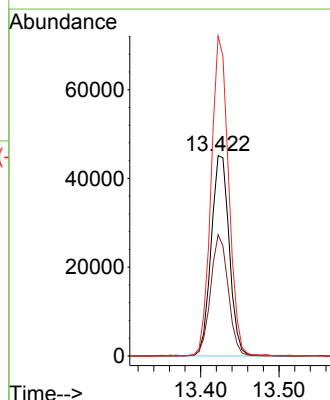
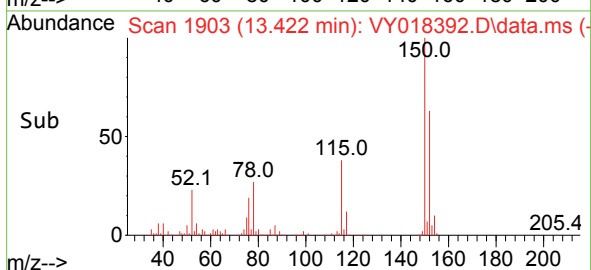
Tgt Ion:117 Resp: 176903
Ion Ratio Lower Upper
117 100
82 55.7 42.4 63.6
119 32.5 25.9 38.9

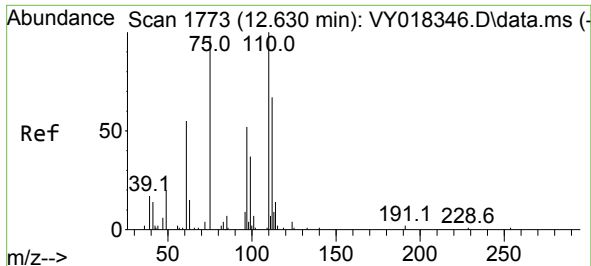


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17



Tgt Ion:152 Resp: 72422
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 154.7 0.0 345.6

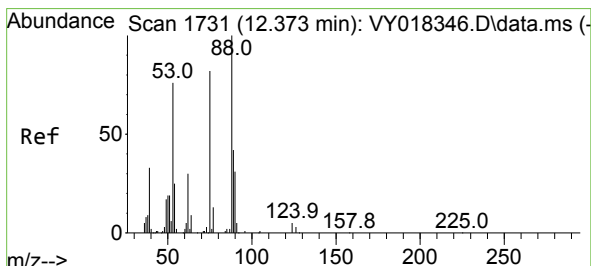
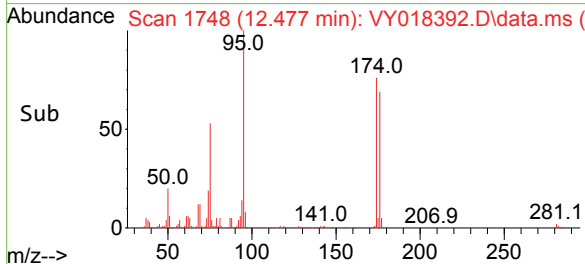
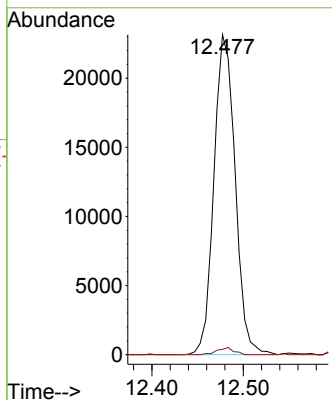
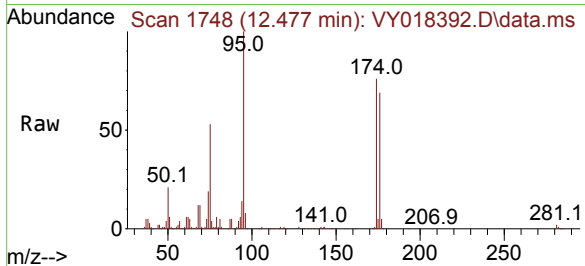




#76
1,2,3-Trichloropropane
Concen: 57.387 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37354
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.074 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018392.D
Acq: 29 May 2024 12:17

Tgt Ion: 75 Resp: 37354
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#

