

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
 Data File : VY018232.D
 Acq On : 10 May 2024 14:32
 Operator : SY/MD
 Sample : P2432-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 11 01:01:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

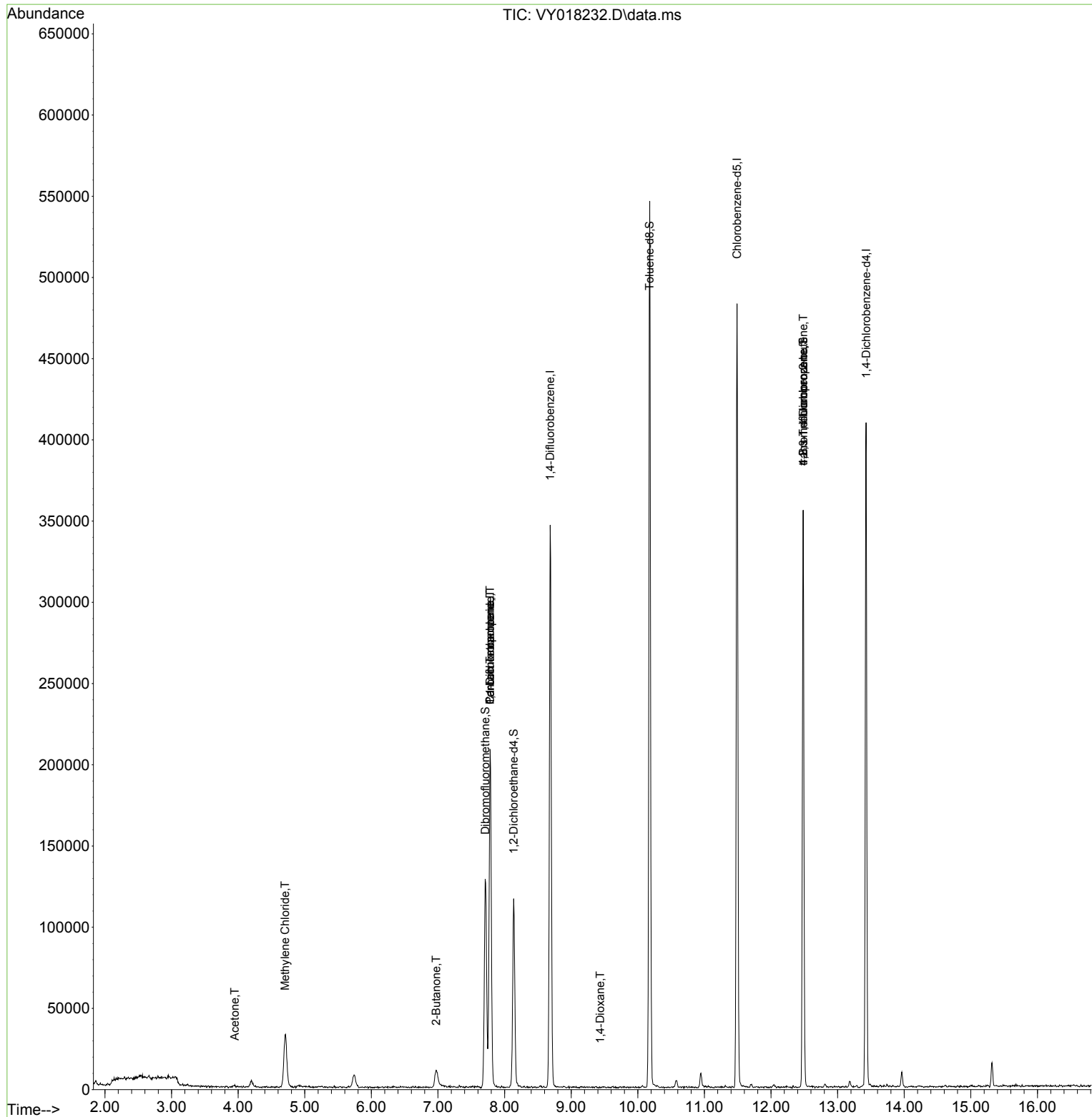
Internal Standards						
1) Pentafluorobenzene	7.783	168	163317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	315220	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	281730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82634	68.777	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.560%			
35) Dibromofluoromethane	7.710	113	93430	56.398	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.800%			
50) Toluene-d8	10.179	98	360904	55.284	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.560%			
62) 4-Bromofluorobenzene	12.483	95	109414	51.899	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.800%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	729	Below Cal	#	78
13) Acrolein	3.692	56	66	Below Cal	#	1
16) Acetone	3.948	43	1572	6.556	ug/l #	81
20) Methylene Chloride	4.704	84	26341	15.543	ug/l	94
25) 2-Butanone	6.972	43	548	1.430	ug/l #	41
31) Cyclohexane	7.777	56	3505	Below Cal	#	17
36) 1,1-Dichloropropene	7.783	75	12908	5.435	ug/l #	48
38) Carbon Tetrachloride	7.783	117	15791	6.085	ug/l #	16
49) 1,4-Dioxane	9.435	88	58	4.551	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	53798	63.771	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53798	122.865	ug/l #	16

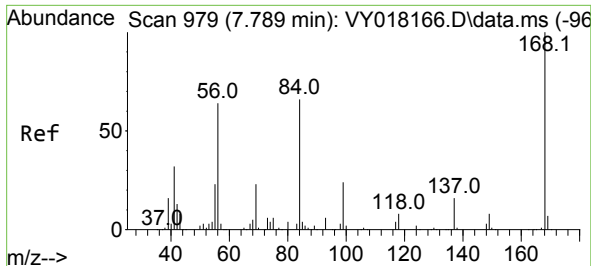
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051024\
Data File : VY018232.D
Acq On : 10 May 2024 14:32
Operator : SY/MD
Sample : P2432-03
Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 11 01:01:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

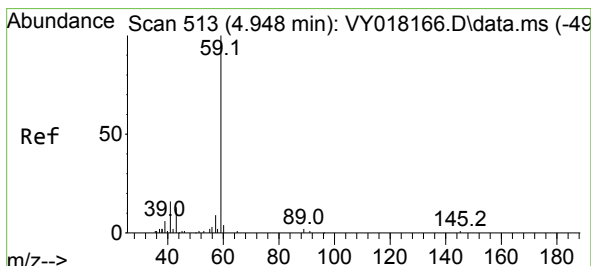
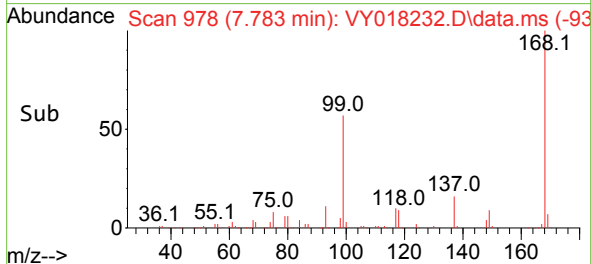
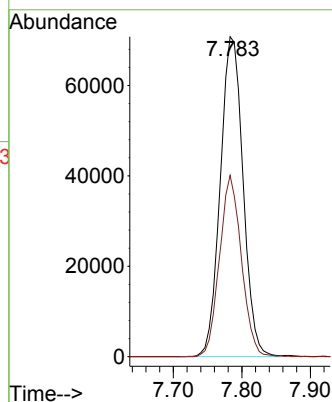
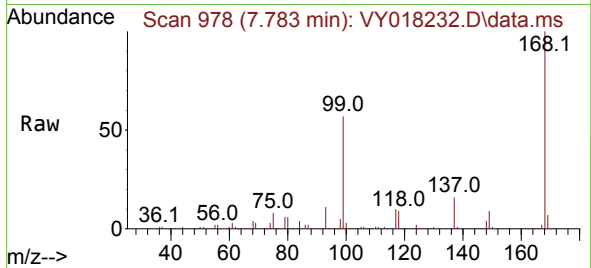




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

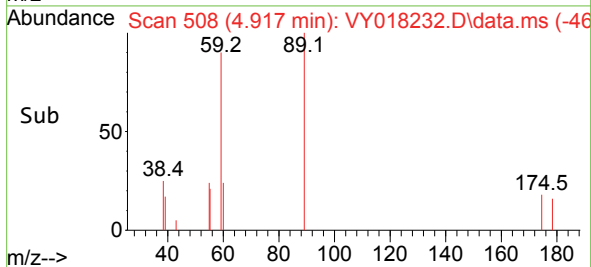
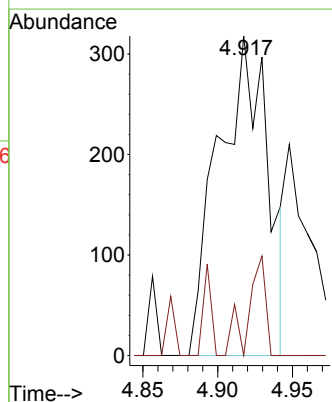
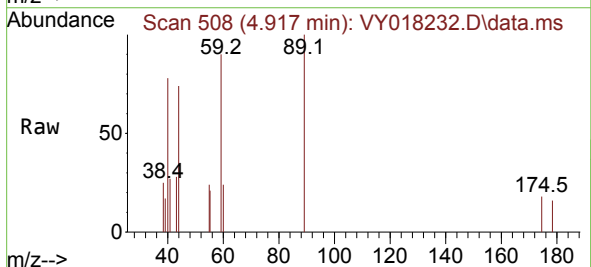
Instrument :
MSVOA_Y
ClientSampleId :

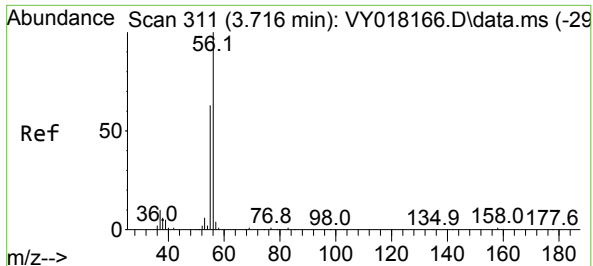
Tgt Ion:168 Resp: 163317
Ion Ratio Lower Upper
168 100
99 56.7 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

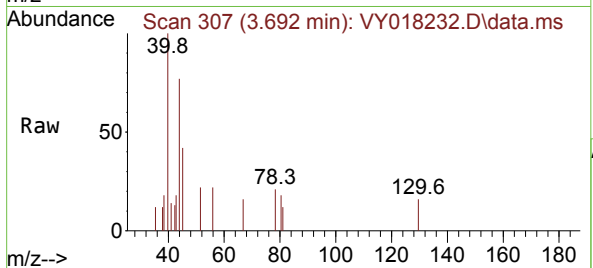
Tgt Ion: 59 Resp: 729
Ion Ratio Lower Upper
59 100
57 11.1 3.0 4.6#



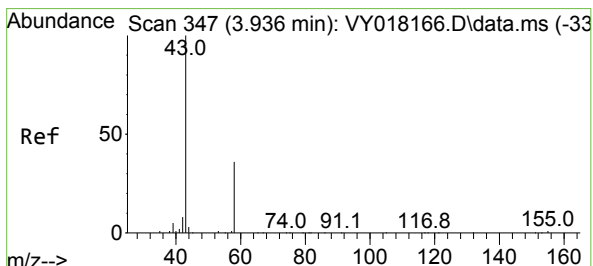
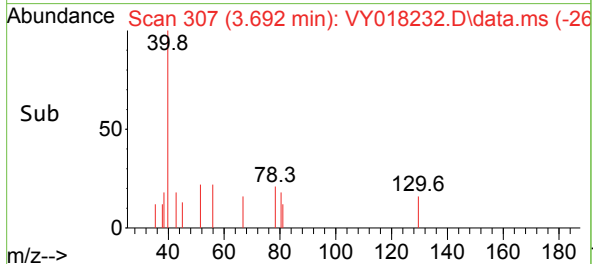
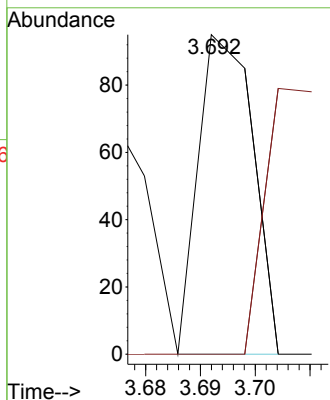


#13
Acrolein
Concen: Below Cal
RT: 3.692 min Scan# 307
Delta R.T. -0.024 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :

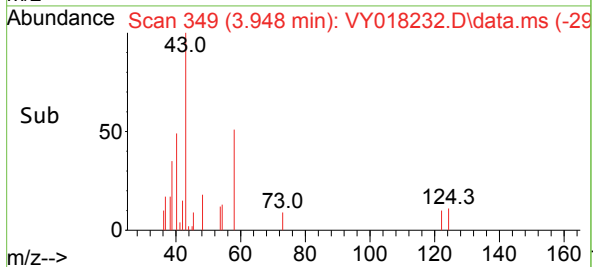
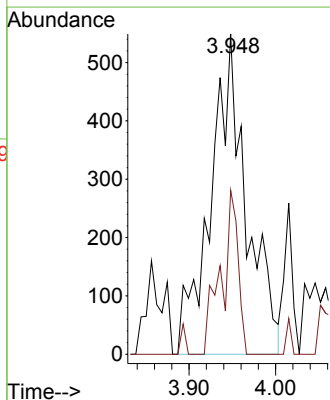
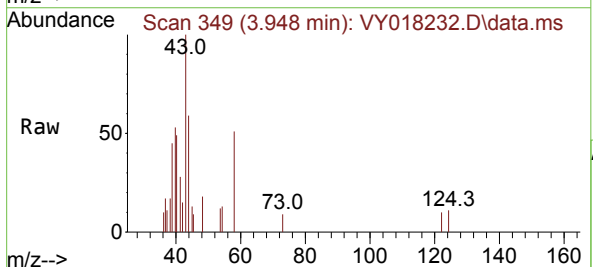


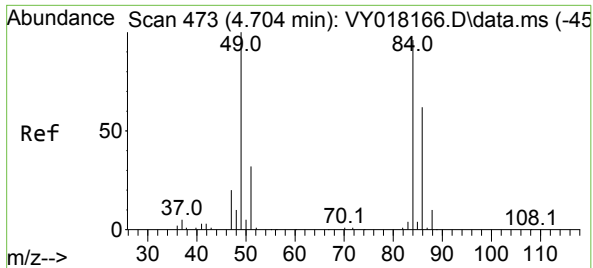
Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 157.6 55.7 83.5#



#16
Acetone
Concen: 6.556 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

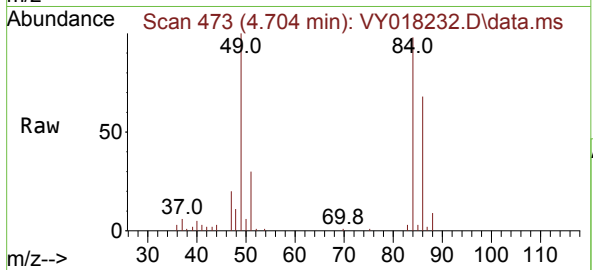
Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
58 51.2 31.7 47.5#



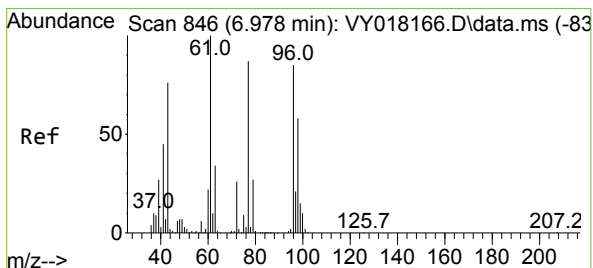
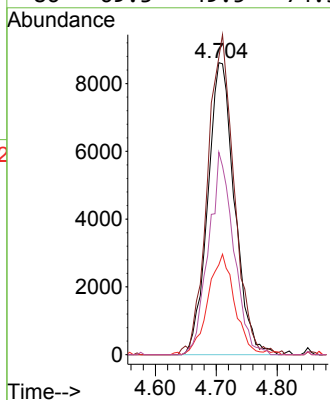


#20
Methylene Chloride
Concen: 15.543 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :

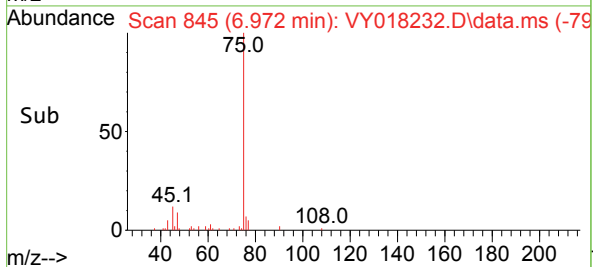
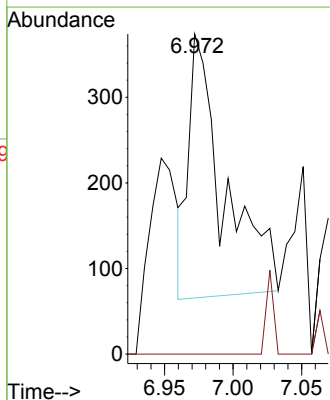
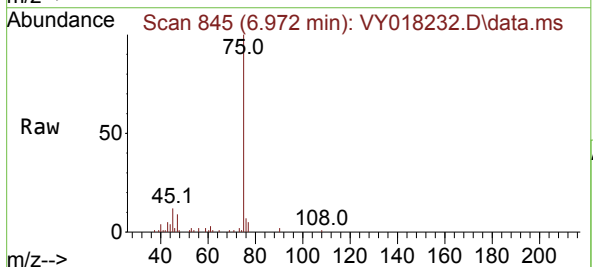


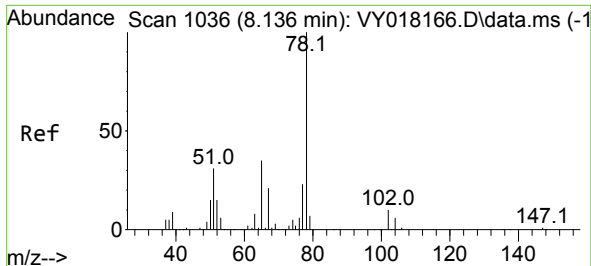
Tgt Ion:	84	Resp:	26341
Ion	Ratio	Lower	Upper
84	100		
49	101.8	84.4	126.6
51	30.0	26.0	39.0
86	69.3	49.5	74.3



#25
2-Butanone
Concen: 1.430 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

Tgt Ion:	43	Resp:	548
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

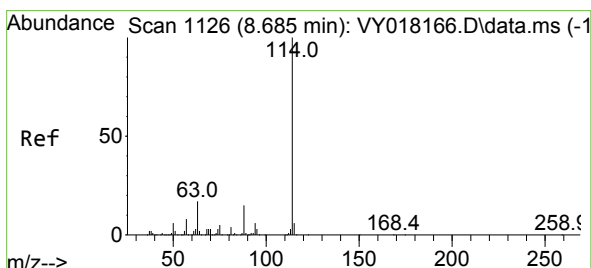
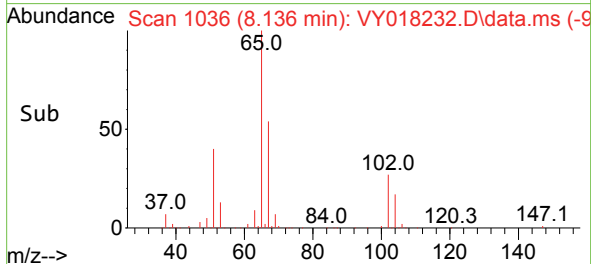
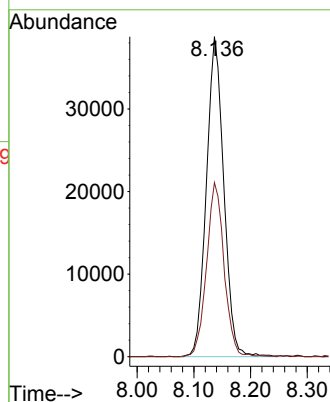
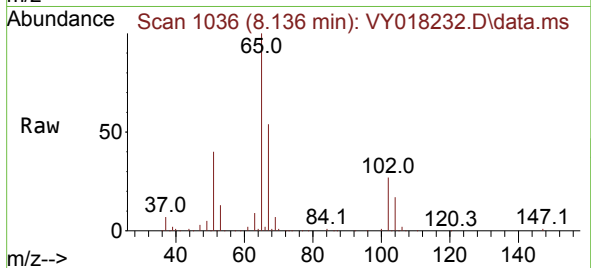




#33
1,2-Dichloroethane-d4
Concen: 68.777 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

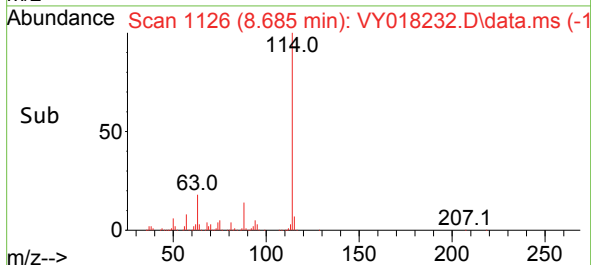
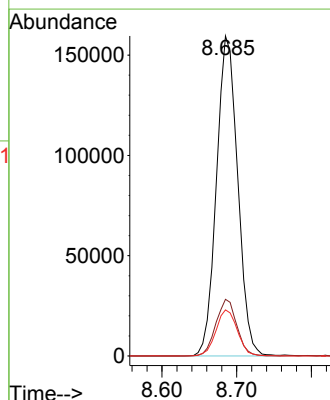
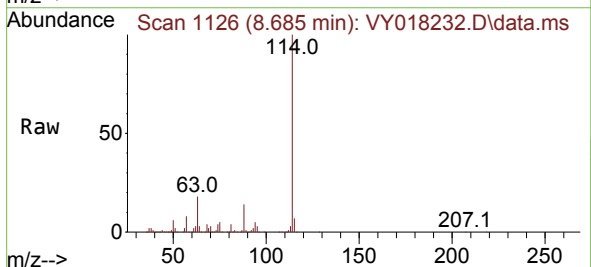
Instrument :
MSVOA_Y
ClientSampleId :

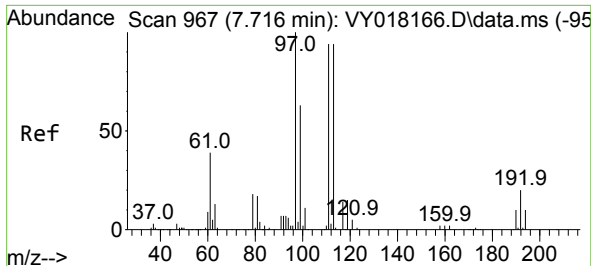
Tgt Ion: 65 Resp: 82634
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

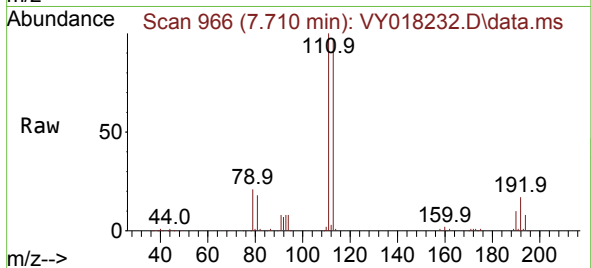
Tgt Ion: 114 Resp: 315220
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 14.4 0.0 27.2



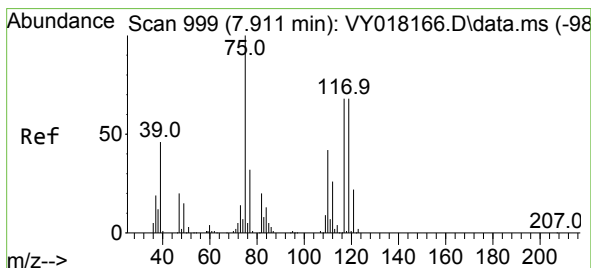
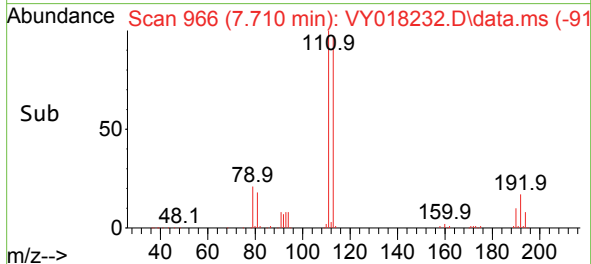
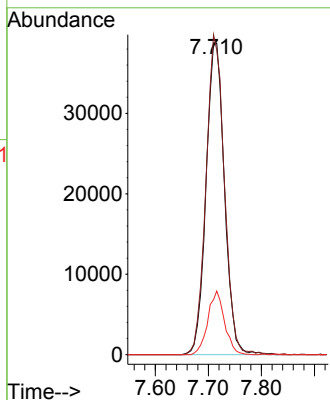


#35
Dibromofluoromethane
Concen: 56.398 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :

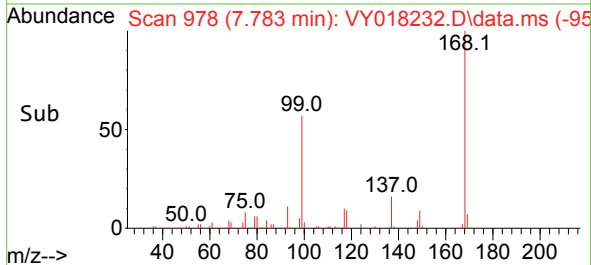
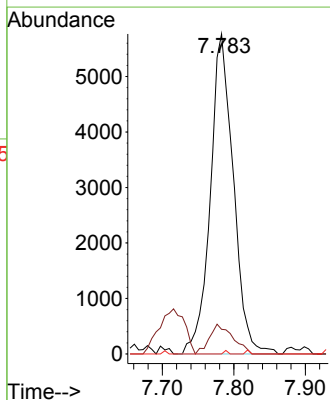
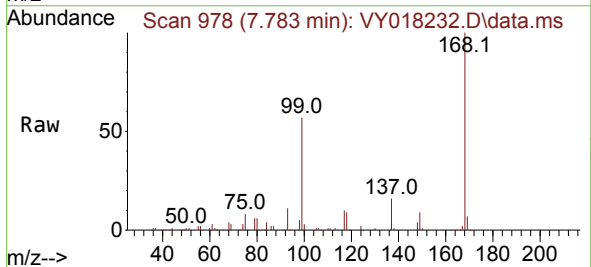


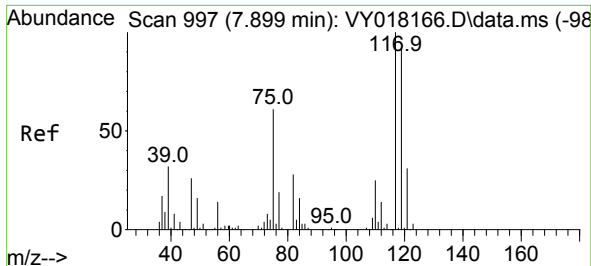
Tgt Ion:113 Resp: 93430
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.435 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

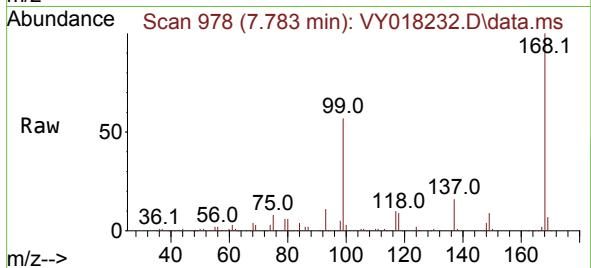
Tgt Ion: 75 Resp: 12908
Ion Ratio Lower Upper
75 100
110 9.4 19.0 57.0#
77 0.2 25.3 37.9#



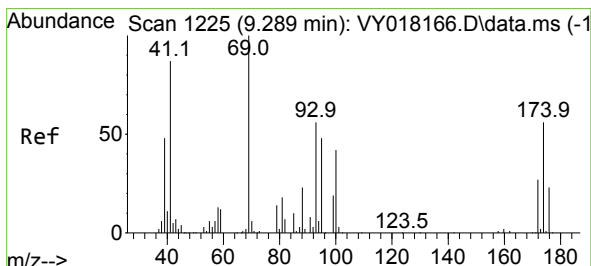
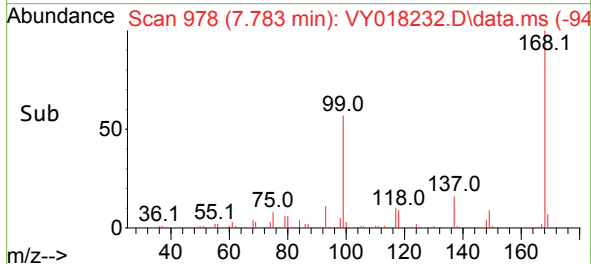
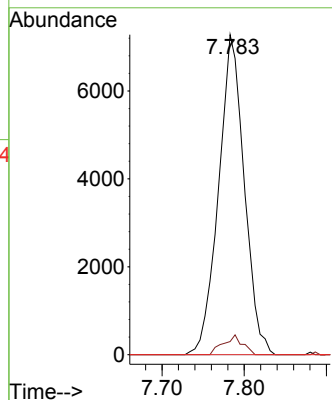


#38
Carbon Tetrachloride
Concen: 6.085 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

Instrument :
MSVOA_Y
ClientSampleId :

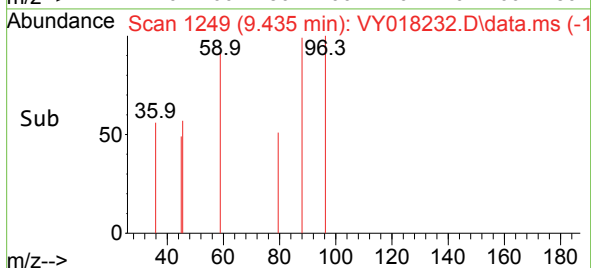
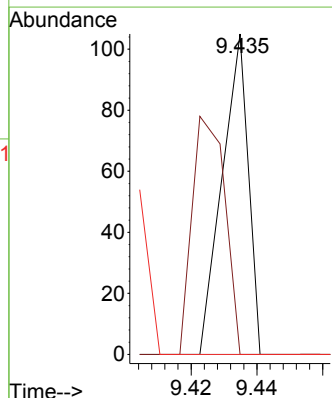
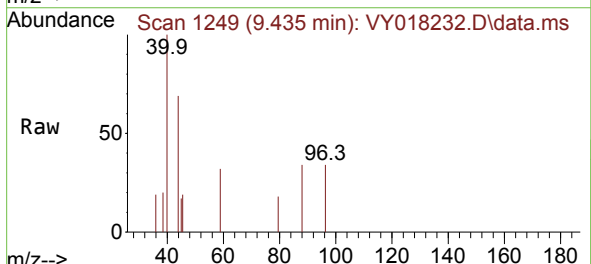


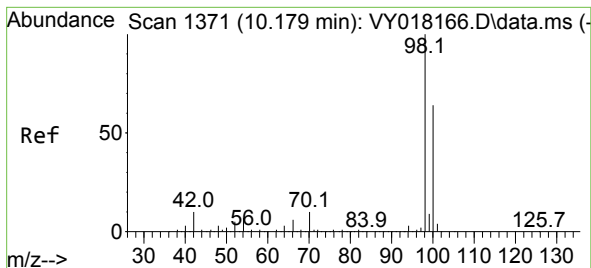
Tgt Ion:117 Resp: 15791
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 4.551 ug/l
RT: 9.435 min Scan# 1249
Delta R.T. 0.146 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

Tgt Ion: 88 Resp: 58
Ion Ratio Lower Upper
88 100
43 93.1 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 55.284 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018232.D

Acq: 10 May 2024 14:32

Instrument :

MSVOA_Y

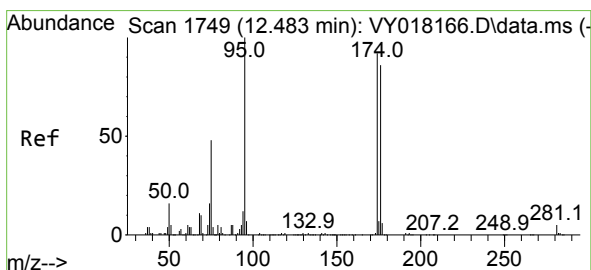
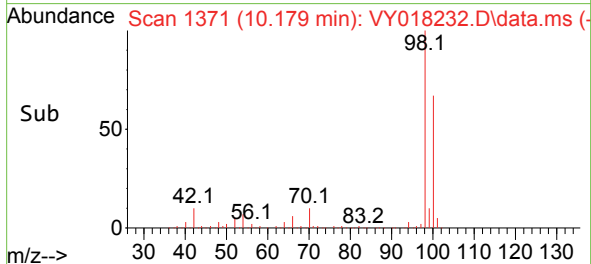
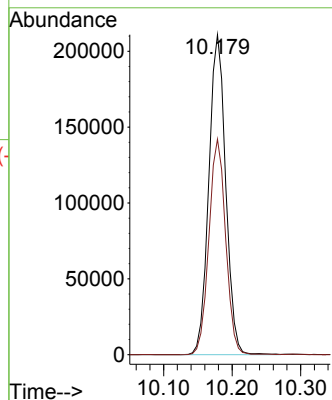
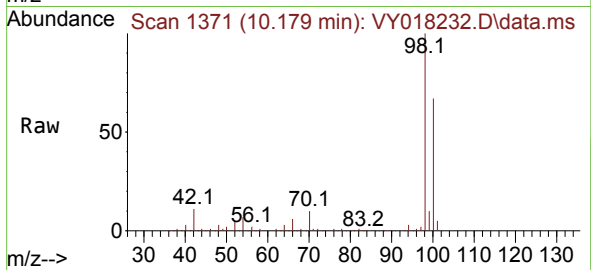
ClientSampleId :

Tgt Ion: 98 Resp: 360904

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.899 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY018232.D

Acq: 10 May 2024 14:32

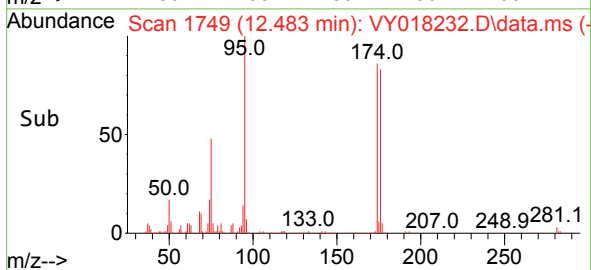
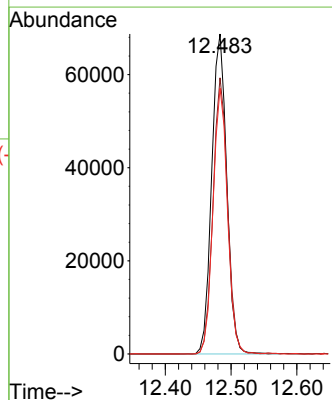
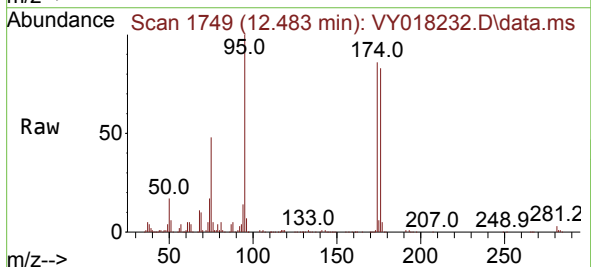
Tgt Ion: 95 Resp: 109414

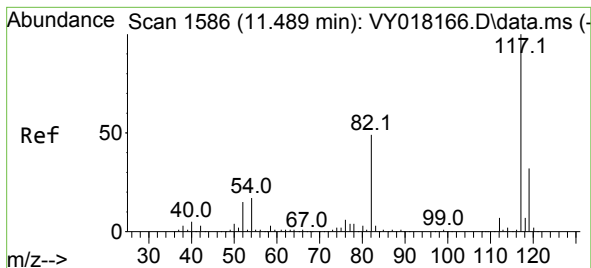
Ion Ratio Lower Upper

95 100

174 83.9 0.0 175.6

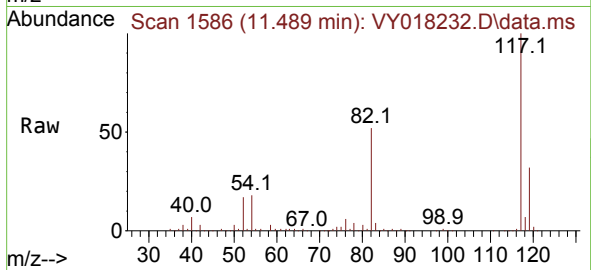
176 80.0 0.0 171.4



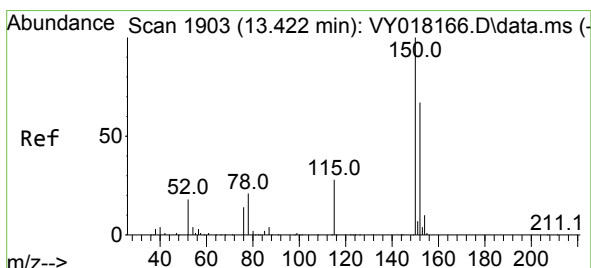
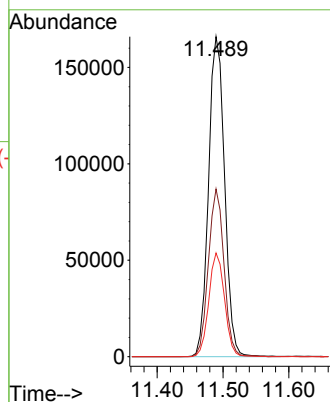
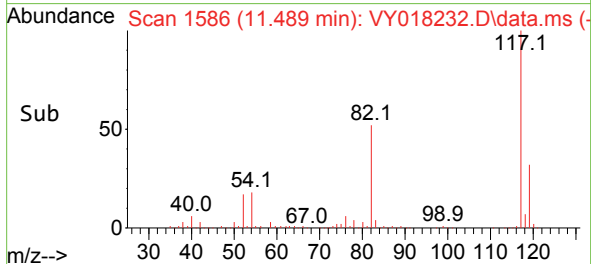


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32

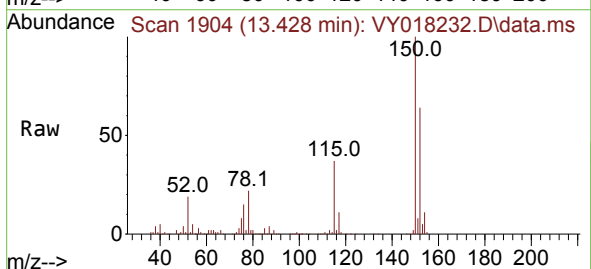
Instrument :
MSVOA_Y
ClientSampleId :



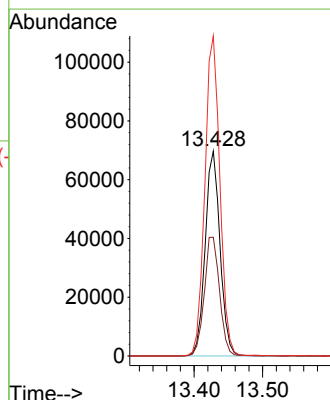
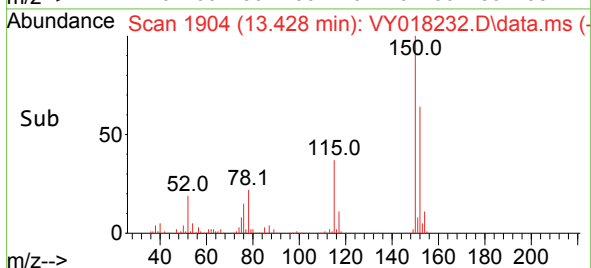
Tgt Ion:117 Resp: 281730
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 32.4 25.9 38.9

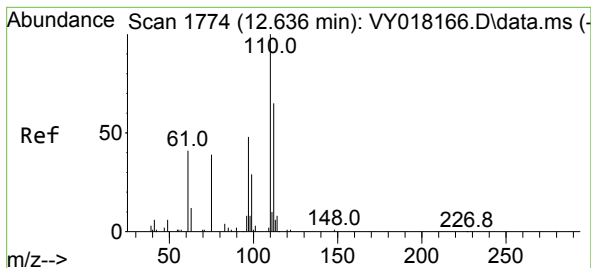


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018232.D
Acq: 10 May 2024 14:32



Tgt Ion:152 Resp: 105394
Ion Ratio Lower Upper
152 100
115 59.6 28.2 84.7
150 157.7 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 63.771 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

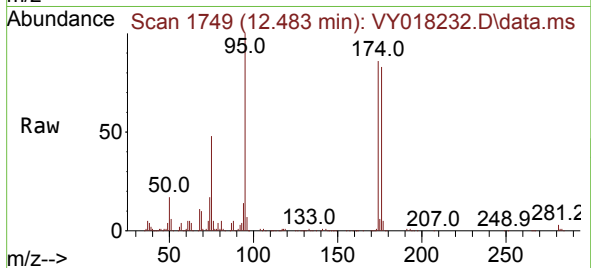
Lab File: VY018232.D

Acq: 10 May 2024 14:32

Instrument :

MSVOA_Y

ClientSampleId :

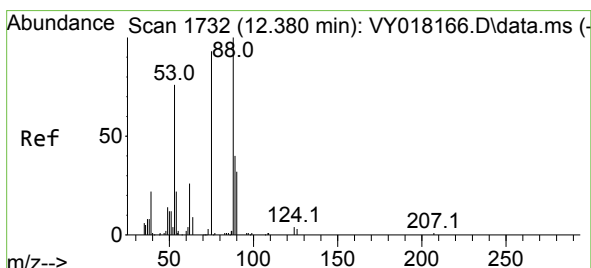
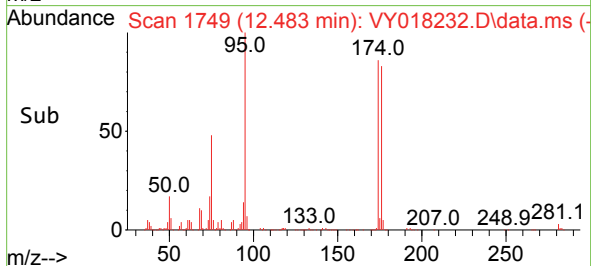
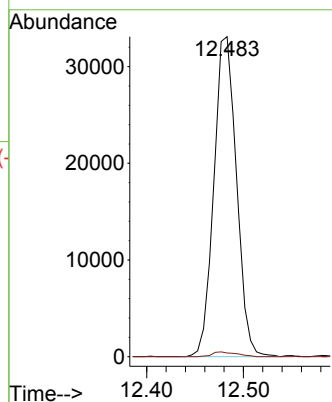


Tgt Ion: 75 Resp: 53798

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 122.865 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018232.D

Acq: 10 May 2024 14:32

Tgt Ion: 75 Resp: 53798

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.0 35.8 53.6#

