

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
 Data File : VY018149.D
 Acq On : 03 May 2024 17:44
 Operator : SY/MD
 Sample : P2386-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 03:01:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

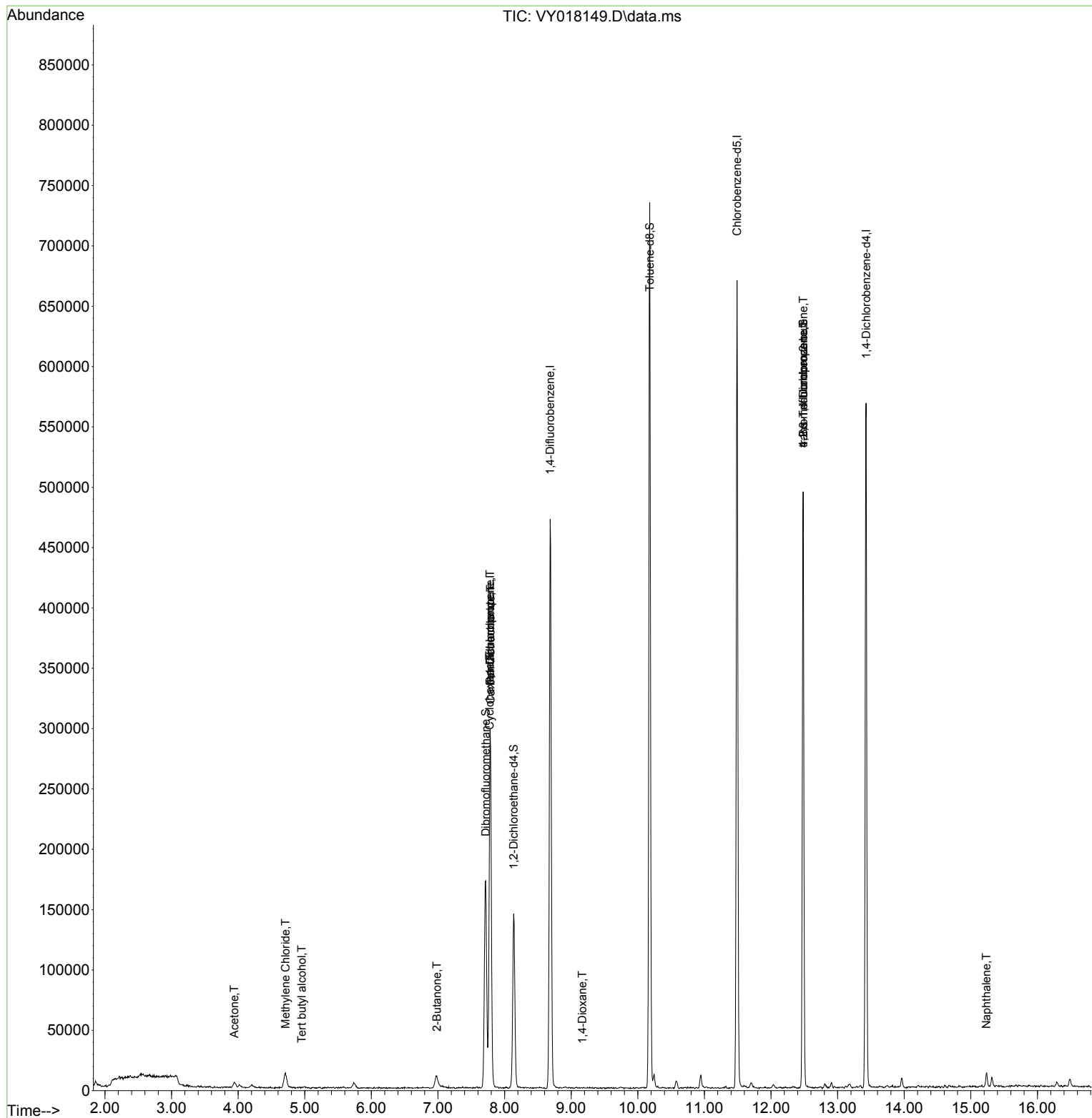
Internal Standards						
1) Pentafluorobenzene	7.783	168	244016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	440170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	383988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154230	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105356	54.775	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.560%	
35) Dibromofluoromethane	7.716	113	126586	50.043	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.080%	
50) Toluene-d8	10.179	98	487593	49.376	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.760%	
62) 4-Bromofluorobenzene	12.483	95	152971	45.012	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	573	3.655	ug/l #	88
16) Acetone	3.942	43	7266	19.830	ug/l #	82
20) Methylene Chloride	4.710	84	10283	4.005	ug/l	91
25) 2-Butanone	6.984	43	1687	2.959	ug/l #	76
31) Cyclohexane	7.777	56	4786	1.299	ug/l #	16
36) 1,1-Dichloropropene	7.783	75	16532	4.896	ug/l #	48
38) Carbon Tetrachloride	7.789	117	22437	5.854	ug/l #	16
49) 1,4-Dioxane	9.167	88	30	1.879	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	73427	56.728	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73427	103.345	ug/l #	16
95) Naphthalene	15.233	128	8902	1.882	ug/l #	94

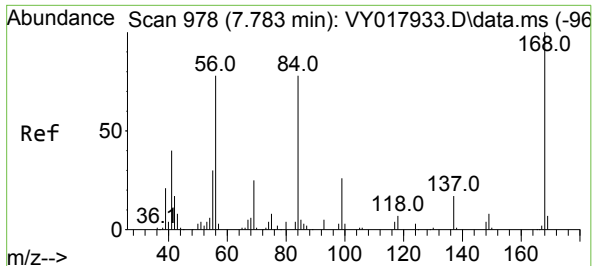
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050324\
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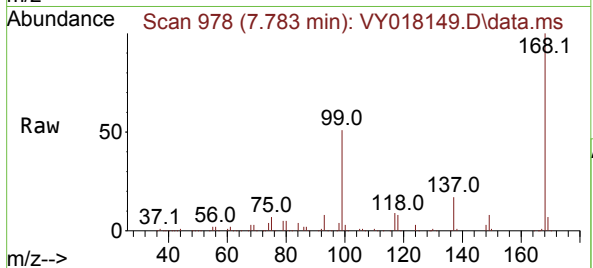
Quant Time: May 06 03:01:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration



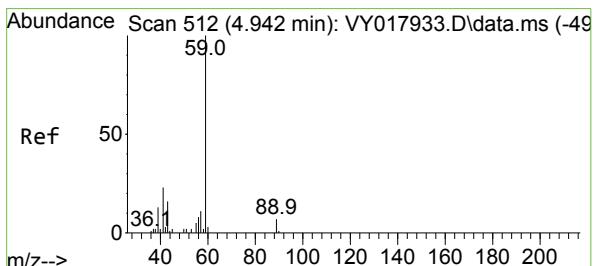
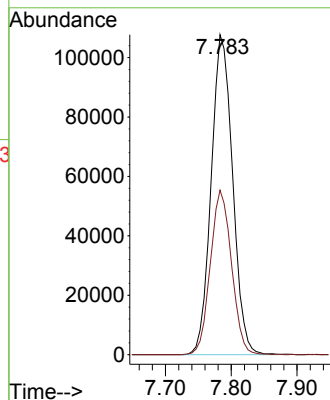
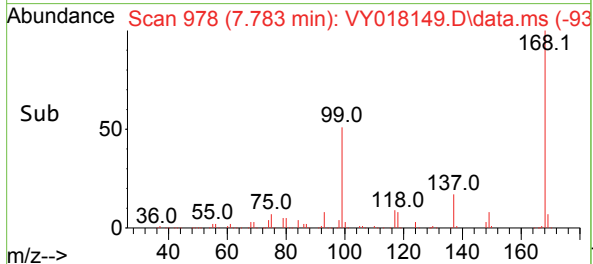


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

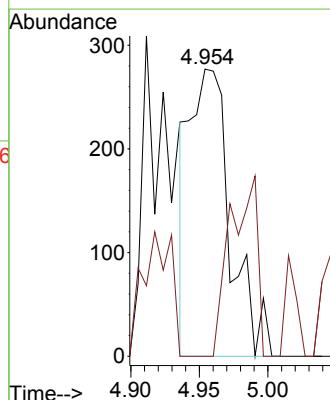
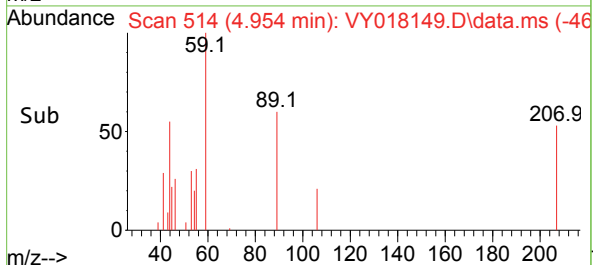
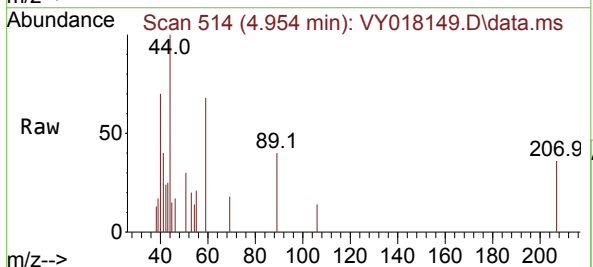


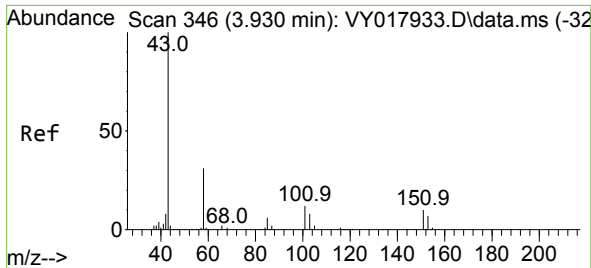
Tgt Ion:168 Resp: 244016
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.655 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

Tgt Ion: 59 Resp: 573
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 19.830 ug/l

RT: 3.942 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018149.D

Acq: 03 May 2024 17:44

Instrument :

MSVOA_Y

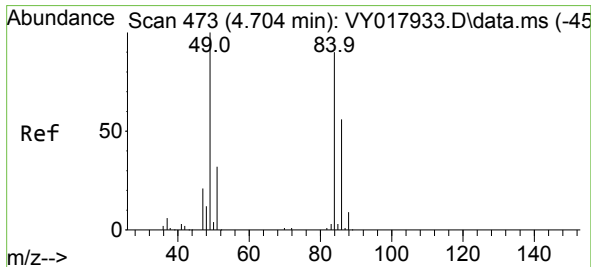
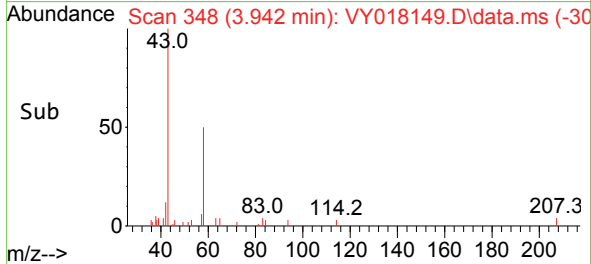
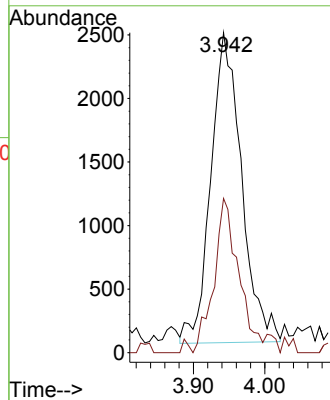
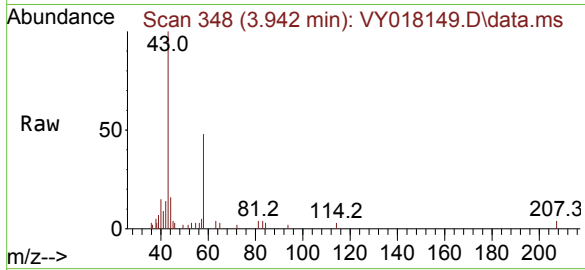
ClientSampleId :

Tgt Ion: 43 Resp: 7266

Ion Ratio Lower Upper

43 100

58 50.4 31.7 47.5#



#20

Methylene Chloride

Concen: 4.005 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY018149.D

Acq: 03 May 2024 17:44

Tgt Ion: 84 Resp: 10283

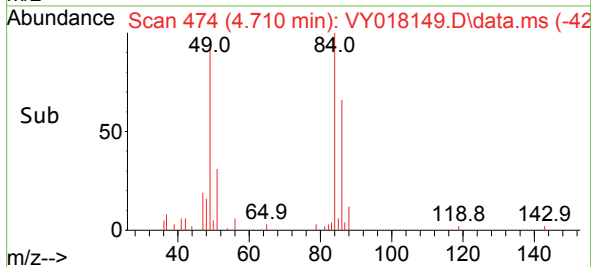
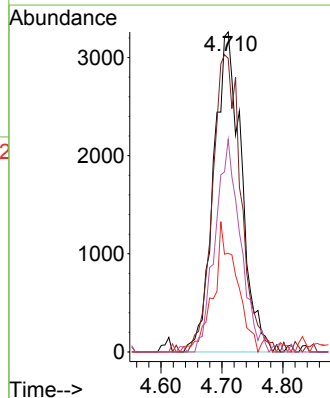
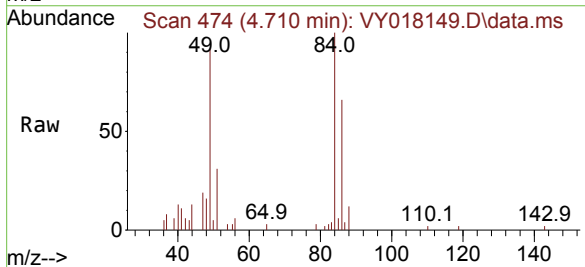
Ion Ratio Lower Upper

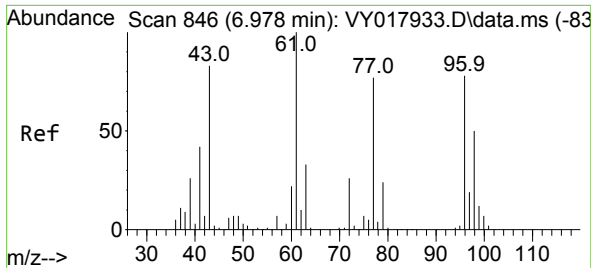
84 100

49 91.7 84.4 126.6

51 30.9 26.0 39.0

86 64.8 49.5 74.3

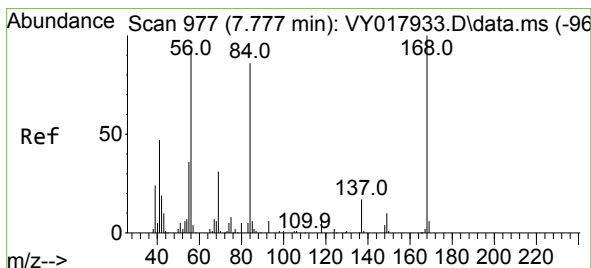
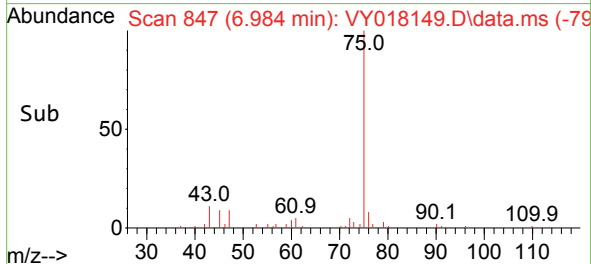
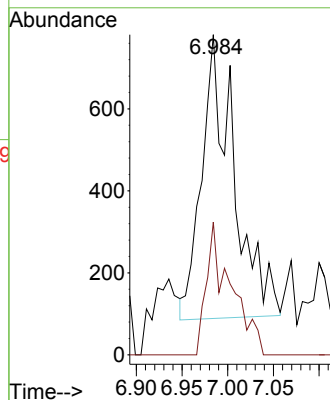
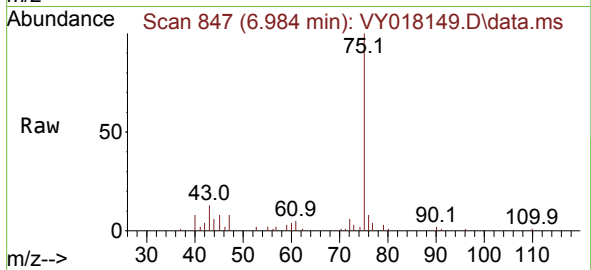




#25
2-Butanone
Concen: 2.959 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

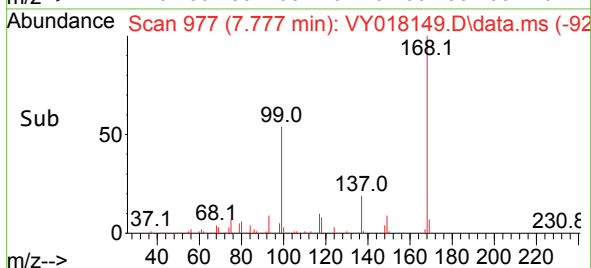
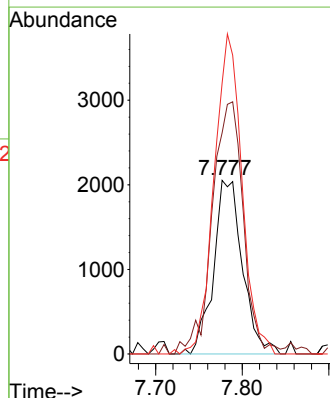
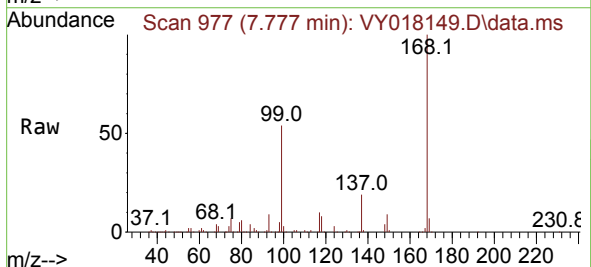
Instrument :
MSVOA_Y
ClientSampleId :

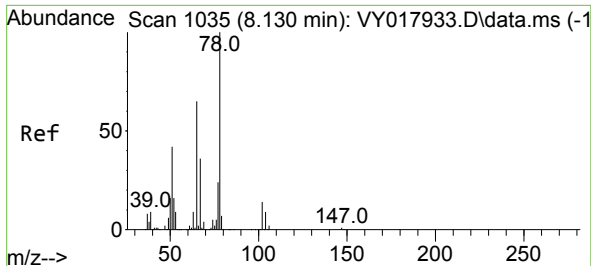
Tgt Ion: 43 Resp: 1687
Ion Ratio Lower Upper
43 100
72 47.8 27.3 40.9#



#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

Tgt Ion: 56 Resp: 4786
Ion Ratio Lower Upper
56 100
69 124.6 28.7 43.1#
84 156.0 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 54.775 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018149.D

Acq: 03 May 2024 17:44

Instrument :

MSVOA_Y

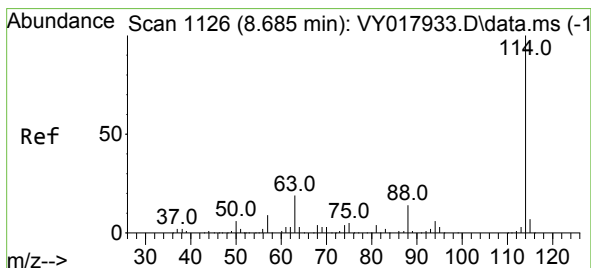
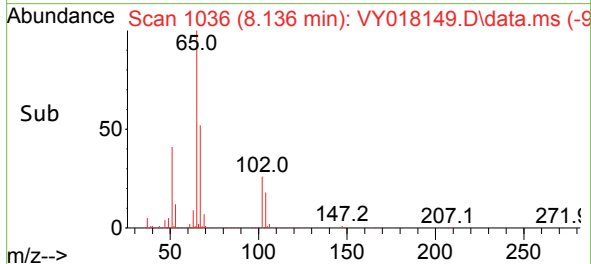
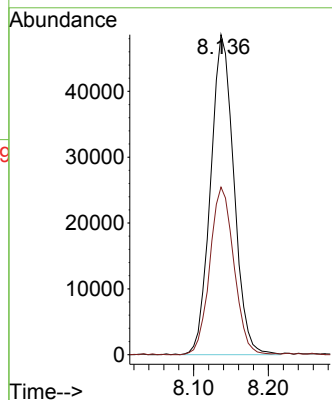
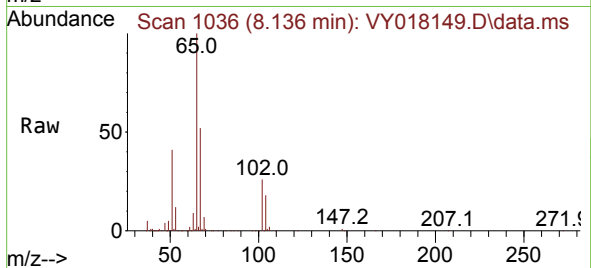
ClientSampleId :

Tgt Ion: 65 Resp: 105356

Ion Ratio Lower Upper

65 100

67 54.0 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: VY018149.D

Acq: 03 May 2024 17:44

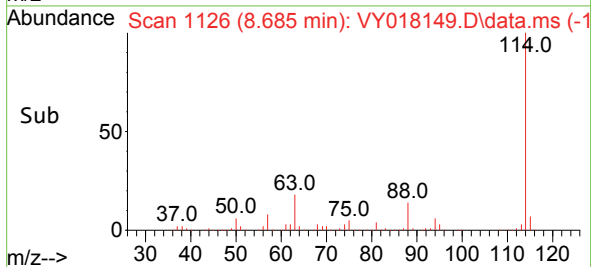
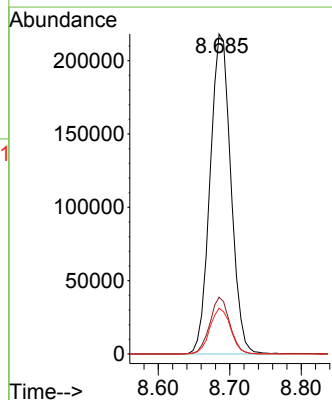
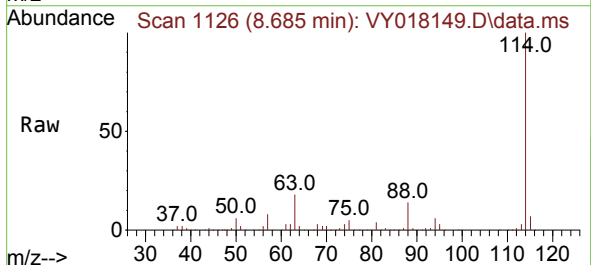
Tgt Ion: 114 Resp: 440170

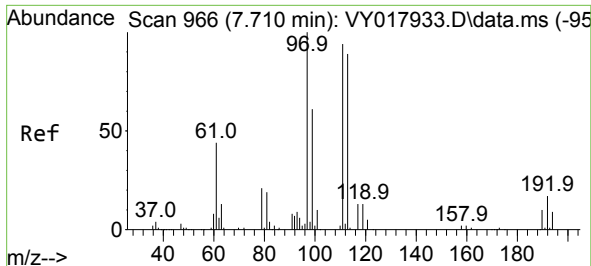
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

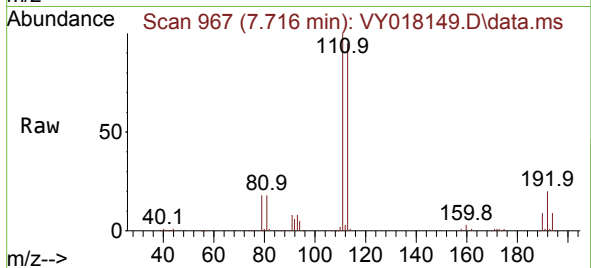
88 14.3 0.0 27.2



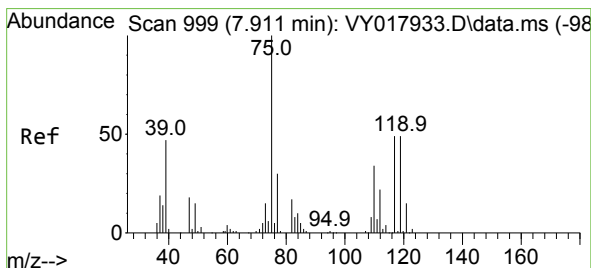
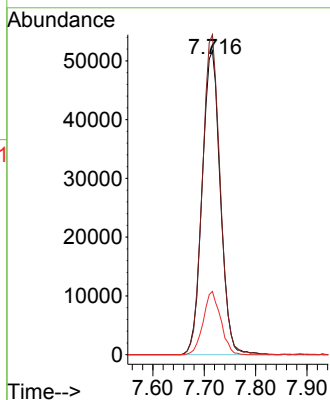
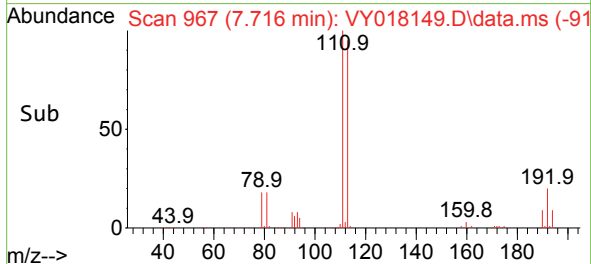


#35
Dibromofluoromethane
Concen: 50.043 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

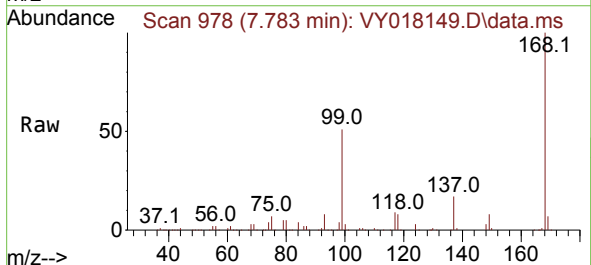
Instrument :
MSVOA_Y
ClientSampleId :



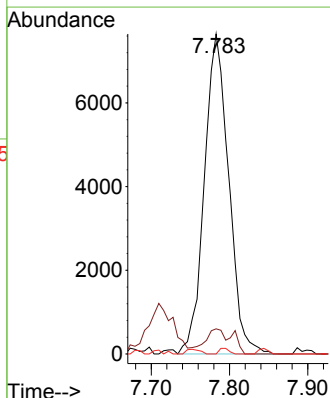
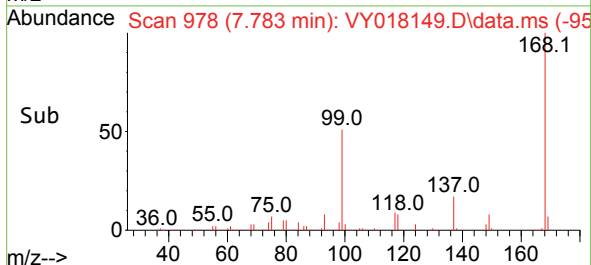
Tgt Ion:113 Resp: 126586
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 20.0 15.9 23.9

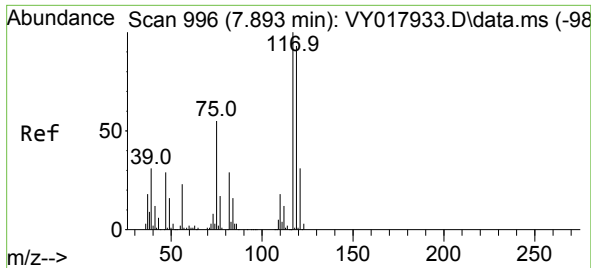


#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44



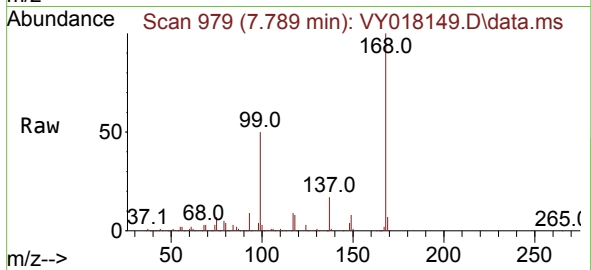
Tgt Ion: 75 Resp: 16532
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.7 25.3 37.9#



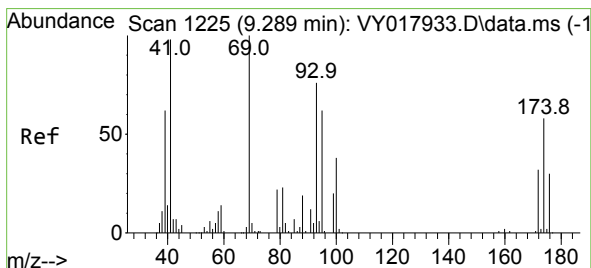
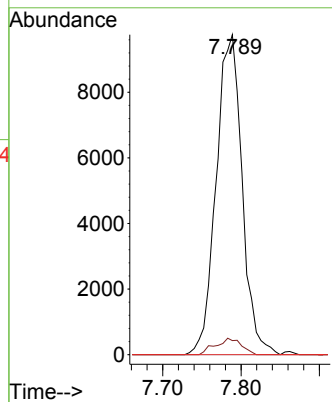
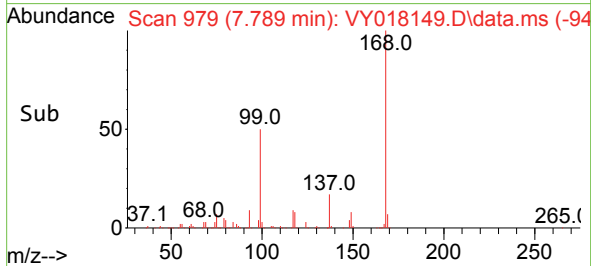


#38
Carbon Tetrachloride
Concen: 5.854 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

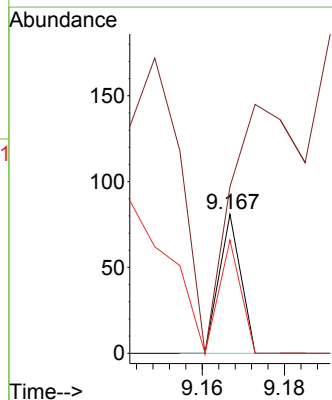
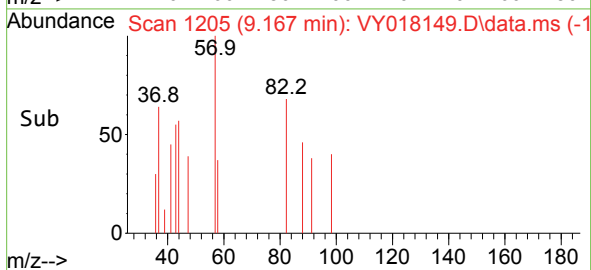
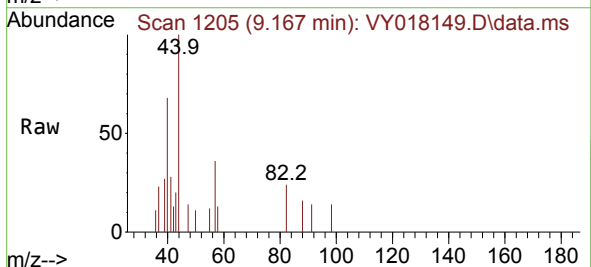


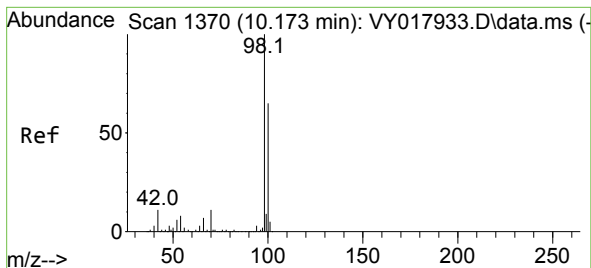
Tgt Ion:117 Resp: 22437
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.879 ug/l
RT: 9.167 min Scan# 1205
Delta R.T. -0.134 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

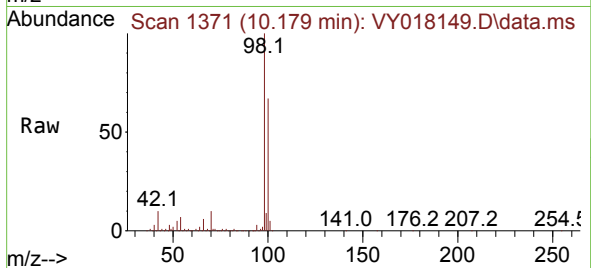
Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#



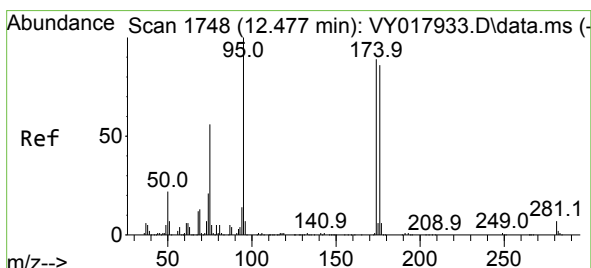
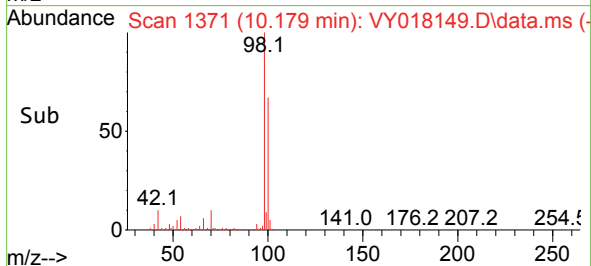
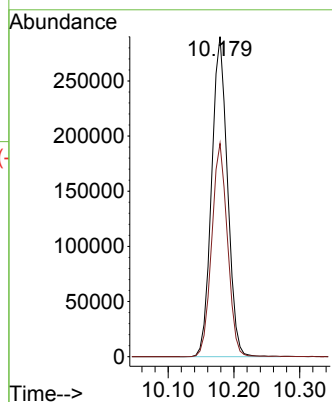


#50
Toluene-d8
Concen: 49.376 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :

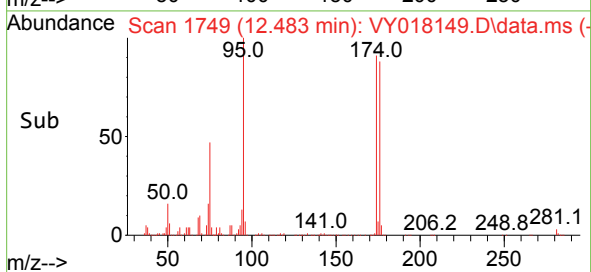
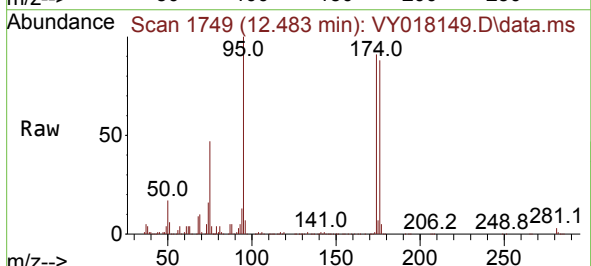
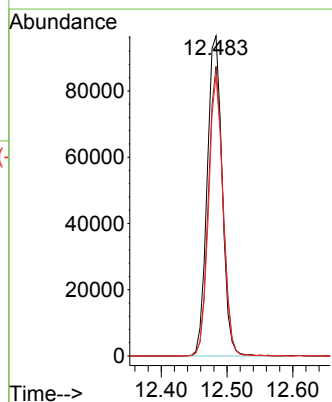


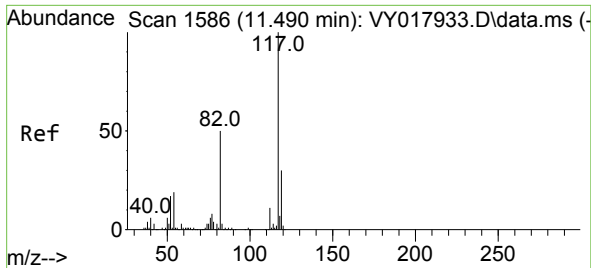
Tgt Ion: 98 Resp: 487593
Ion Ratio Lower Upper
98 100
100 66.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.012 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

Tgt Ion: 95 Resp: 152971
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 84.2 0.0 171.4

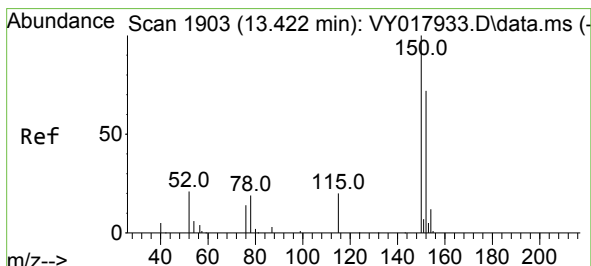
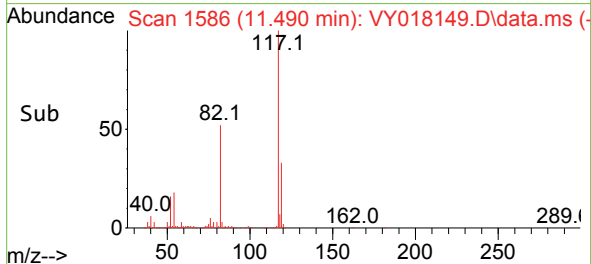
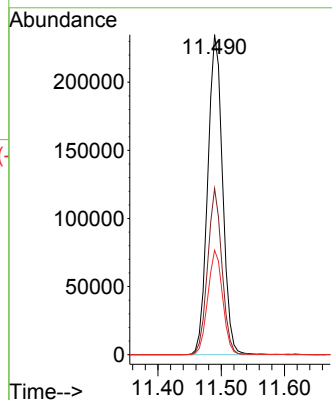
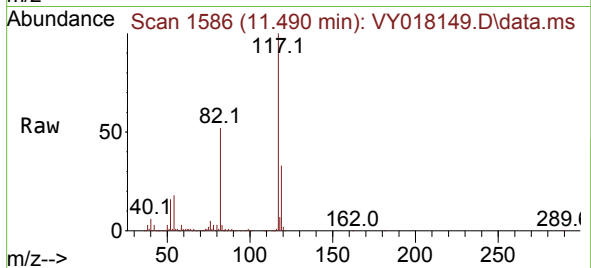




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

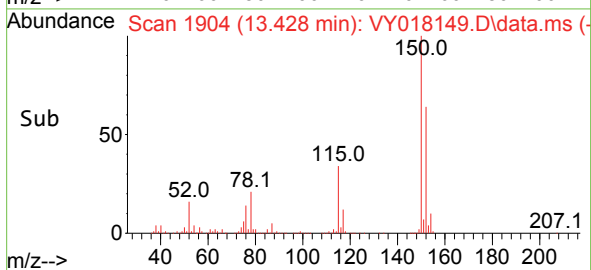
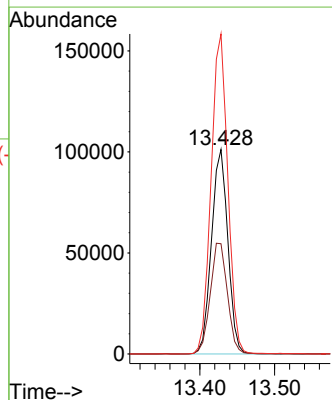
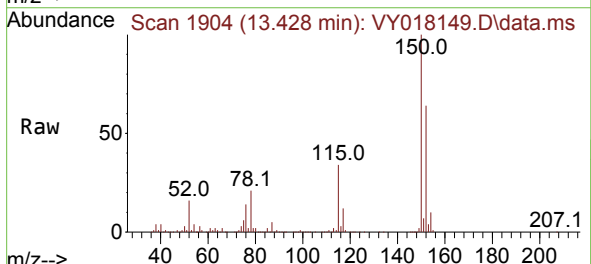
Instrument :
MSVOA_Y
ClientSampleId :

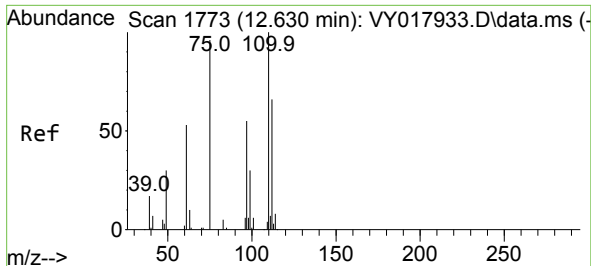
Tgt Ion:117 Resp: 383988
Ion Ratio Lower Upper
117 100
82 52.0 42.4 63.6
119 32.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

Tgt Ion:152 Resp: 154230
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.7
150 159.1 0.0 345.6

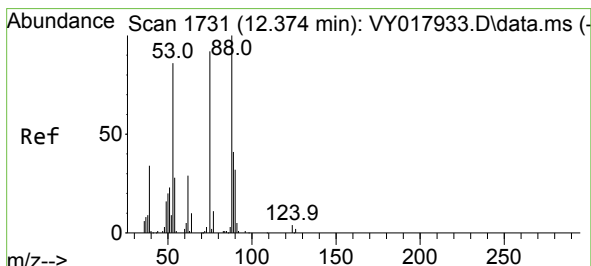
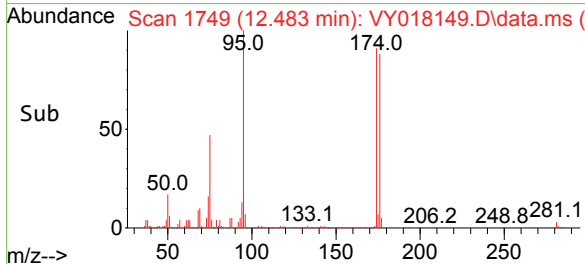
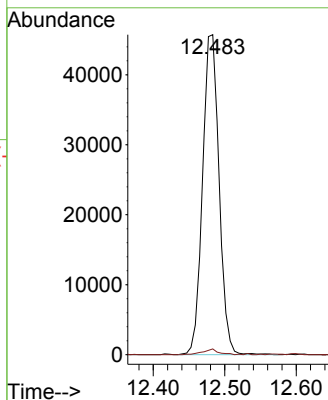
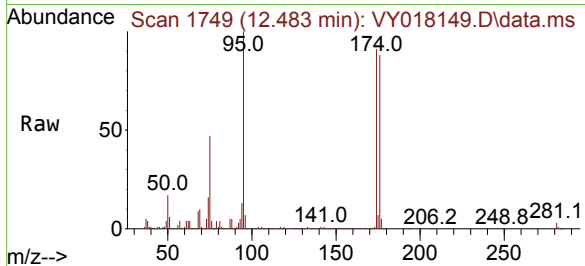




#76
1,2,3-Trichloropropane
Concen: 56.728 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

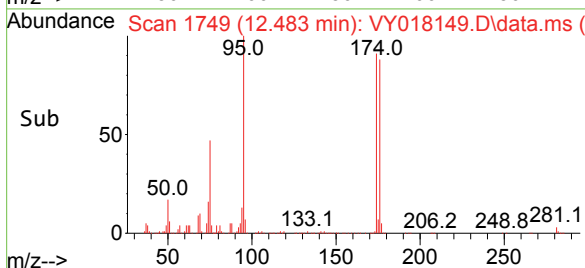
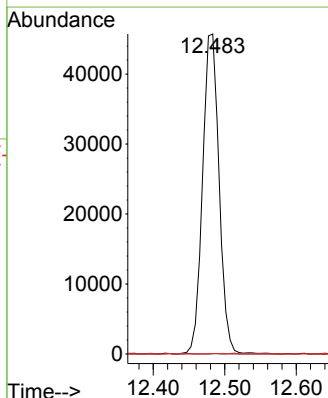
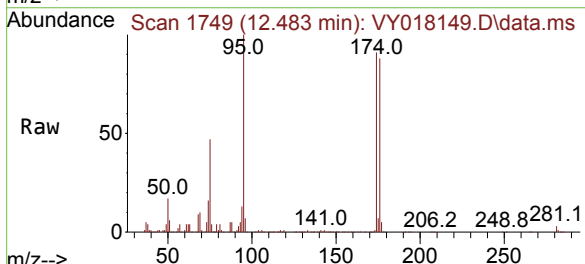
Instrument :
MSVOA_Y
ClientSampleId :

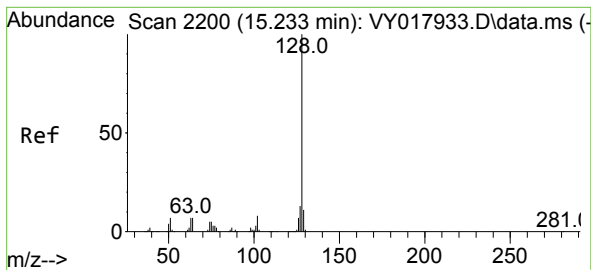
Tgt Ion: 75 Resp: 73427
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.345 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018149.D
Acq: 03 May 2024 17:44

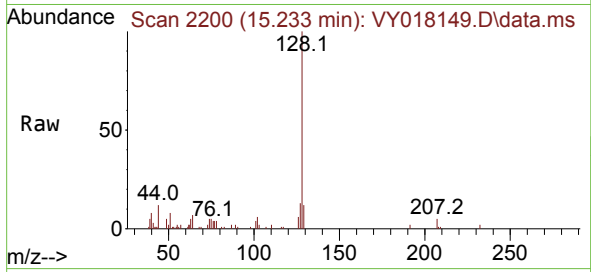
Tgt Ion: 75 Resp: 73427
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#





#95
 Naphthalene
 Concen: 1.882 ug/l
 RT: 15.233 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY018149.D
 Acq: 03 May 2024 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	128	Resp:	8902
Ion	Ratio	Lower	Upper
128	100		
127	16.5	10.6	16.0#
129	12.1	8.6	13.0

