

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018319.D
 Acq On : 17 May 2024 19:32
 Operator : SY/MD
 Sample : P2482-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-01-229RE

Quant Time: May 18 00:55:39 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)

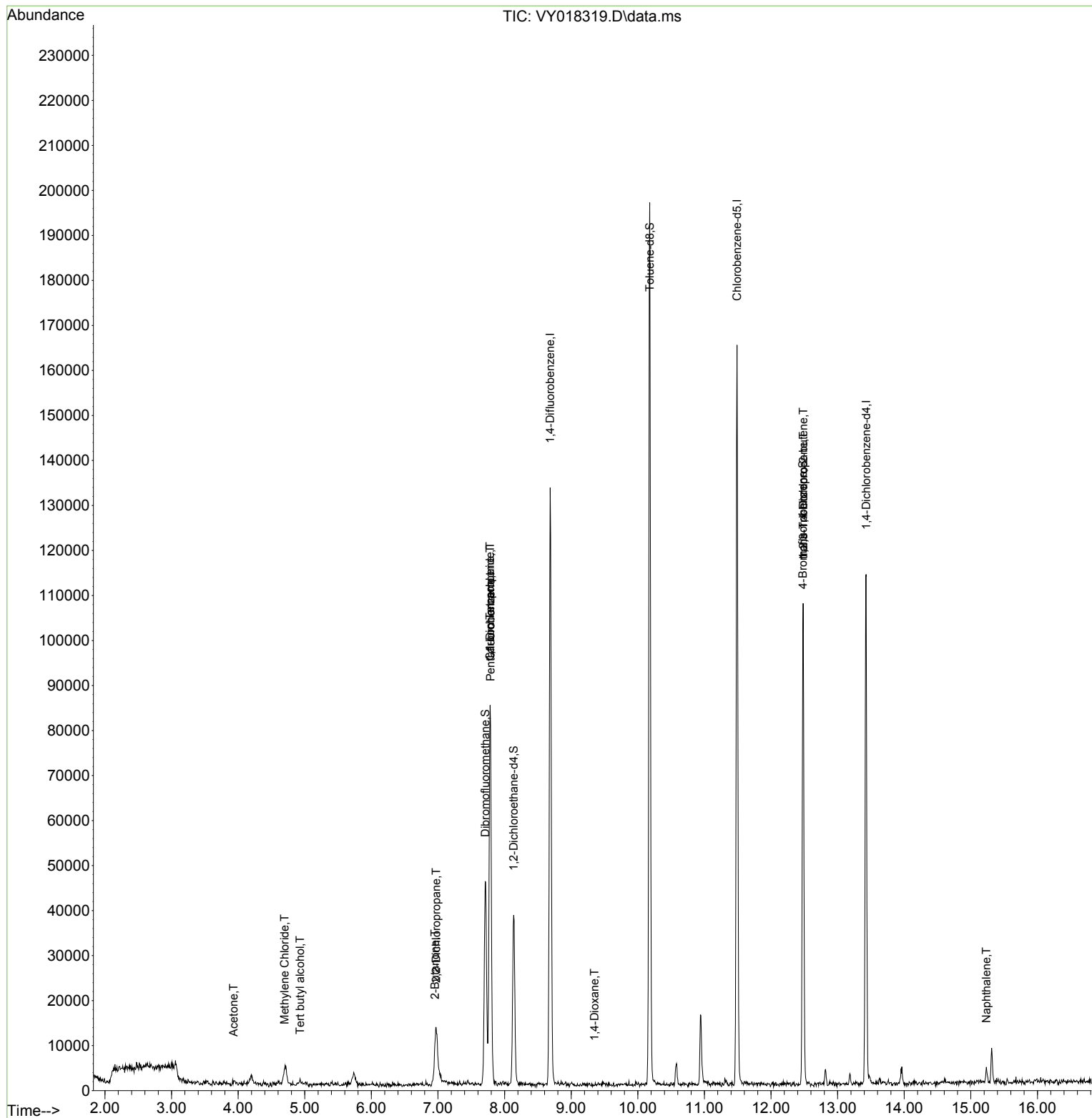
Internal Standards						
1) Pentafluorobenzene	7.789	168	64149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	116566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	92837	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	29761	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	28833	61.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.200%
35) Dibromofluoromethane	7.710	113	32286	52.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.400%
50) Toluene-d8	10.179	98	130793	54.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.360%
62) 4-Bromofluorobenzene	12.477	95	33696	43.222	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.440%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	980	12.374	ug/l #	69
13) Acrolein	3.698	56	35	Below Cal	#	15
16) Acetone	3.930	43	1298	13.783	ug/l #	80
20) Methylene Chloride	4.698	84	2914	4.378	ug/l	94
25) 2-Butanone	6.954	43	440	2.923	ug/l #	41
26) 2,2-Dichloropropane	6.972	77	1108	1.187	ug/l #	51
31) Cyclohexane	7.783	56	1649	Below Cal	#	49
36) 1,1-Dichloropropene	7.783	75	5926	6.748	ug/l #	47
38) Carbon Tetrachloride	7.783	117	6927	7.219	ug/l #	17
49) 1,4-Dioxane	9.350	88	55	11.670	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	17160	72.035	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17160	138.787	ug/l #	17
95) Naphthalene	15.233	128	2373	2.707	ug/l #	93

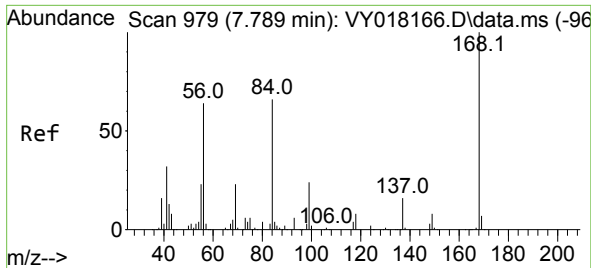
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
Data File : VY018319.D
Acq On : 17 May 2024 19:32
Operator : SY/MD
Sample : P2482-01
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
B-01-229RE

Quant Time: May 18 00:55:39 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

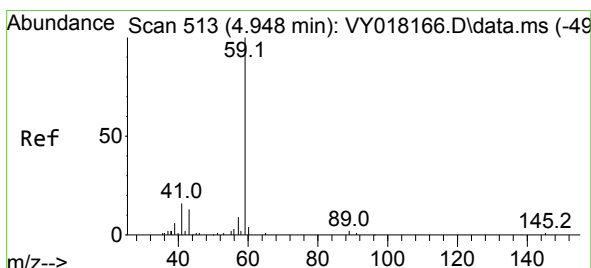
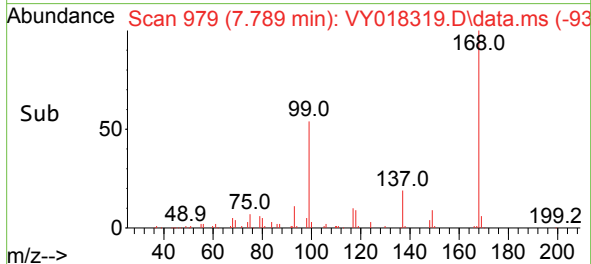
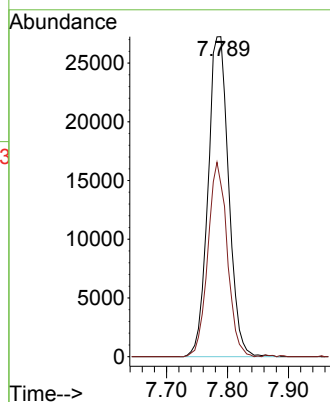
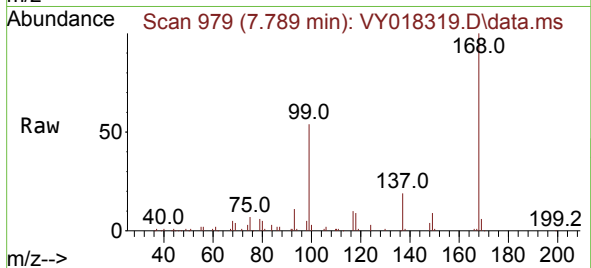




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

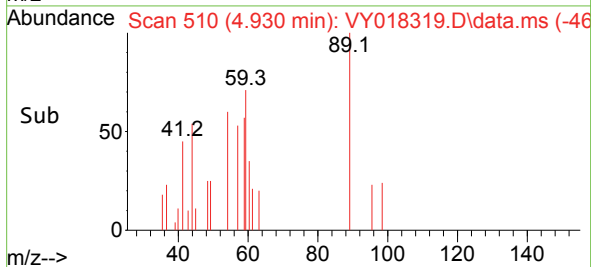
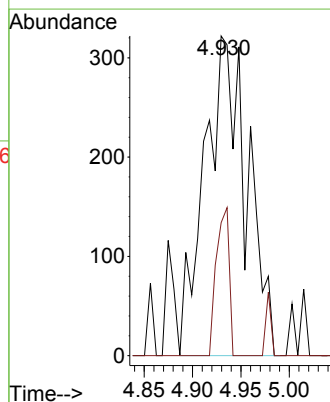
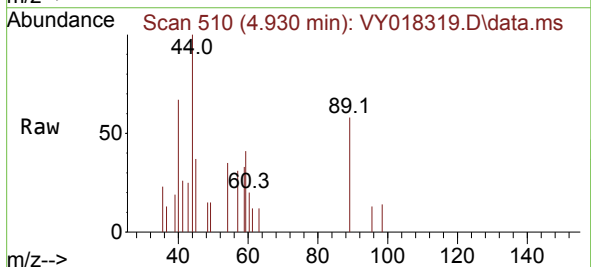
Instrument :
MSVOA_Y
ClientSampleId :
B-01-229RE

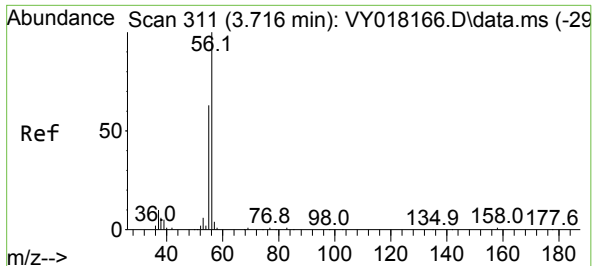
Tgt Ion:168 Resp: 64149
Ion Ratio Lower Upper
168 100
99 53.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 12.374 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

Tgt Ion: 59 Resp: 980
Ion Ratio Lower Upper
59 100
57 14.0 3.0 4.6#

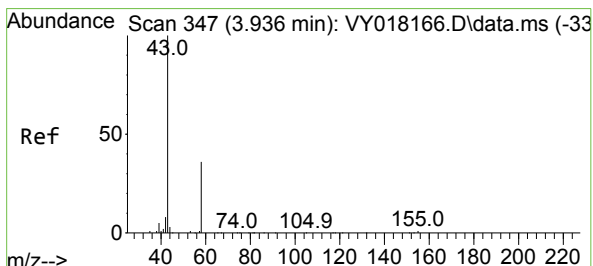
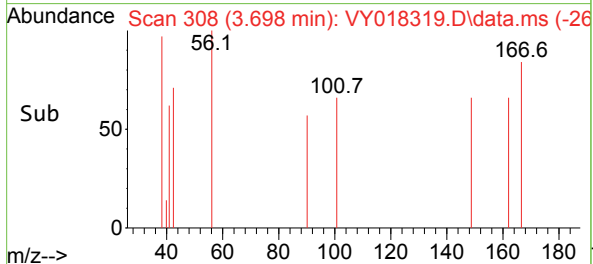
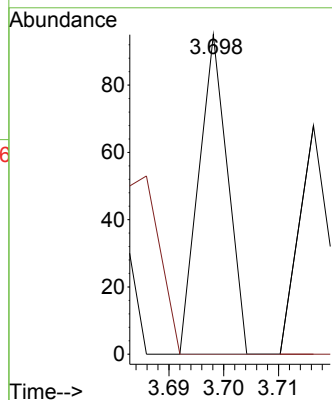
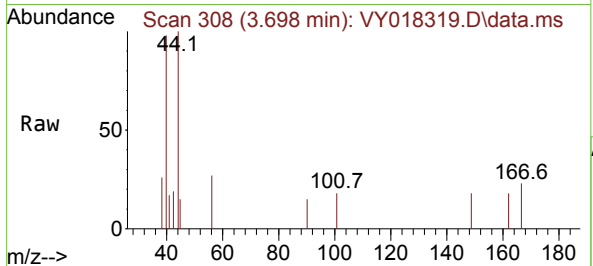




#13
Acrolein
Concen: Below Cal
RT: 3.698 min Scan# 308
Delta R.T. -0.018 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

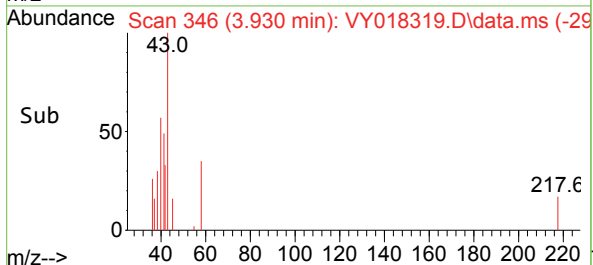
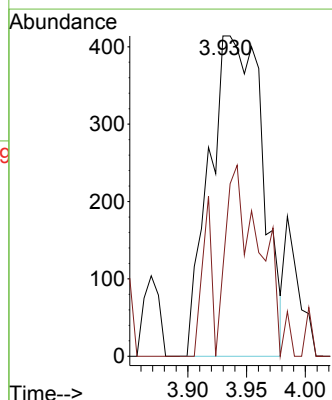
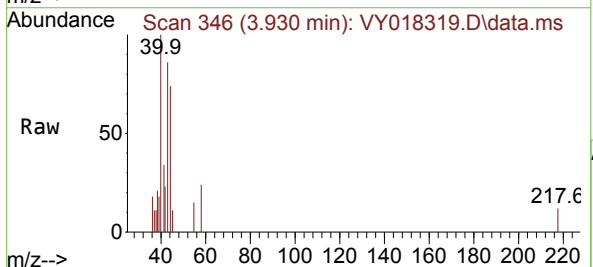
Instrument :
MSVOA_Y
ClientSampleId :
B-01-229RE

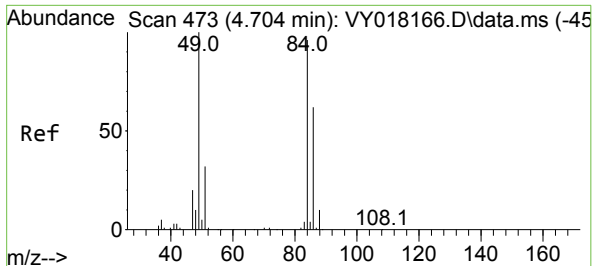
Tgt Ion: 56 Resp: 35
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 13.783 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

Tgt Ion: 43 Resp: 1298
Ion Ratio Lower Upper
43 100
58 27.5 31.7 47.5#

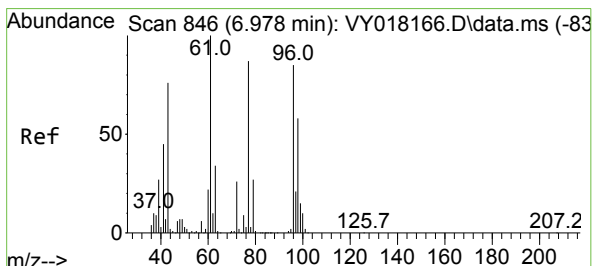
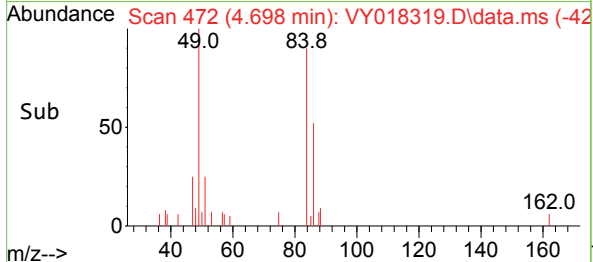
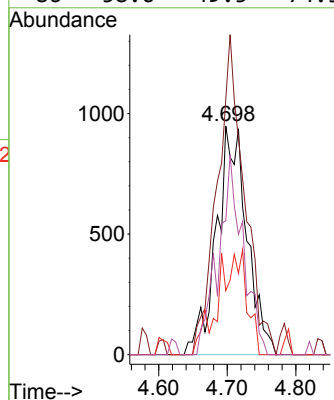
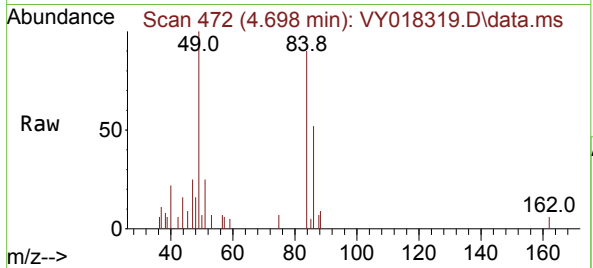




#20
Methylene Chloride
Concen: 4.378 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

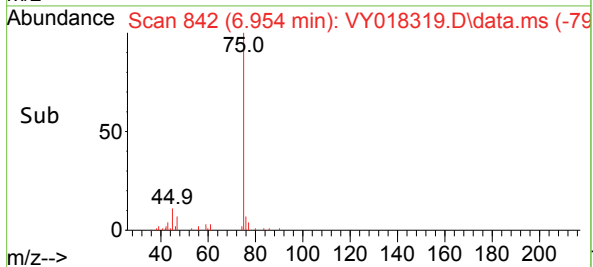
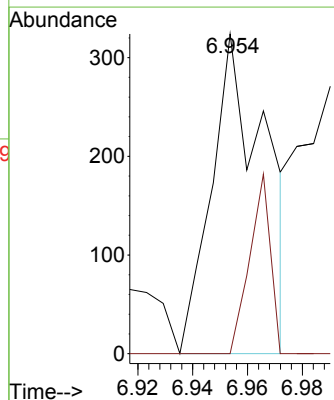
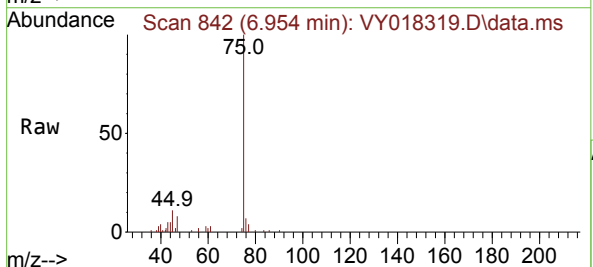
Instrument :
MSVOA_Y
ClientSampleId :
B-01-229RE

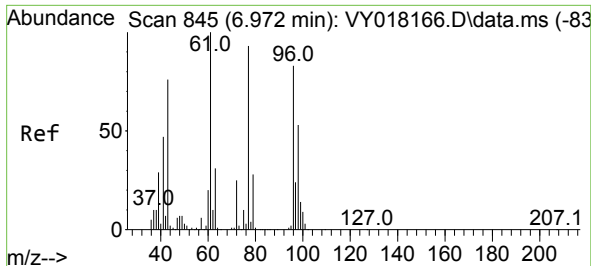
Tgt Ion:	84	Resp:	2914
Ion	Ratio	Lower	Upper
84	100		
49	111.7	84.4	126.6
51	28.0	26.0	39.0
86	58.6	49.5	74.3



#25
2-Butanone
Concen: 2.923 ug/l
RT: 6.954 min Scan# 842
Delta R.T. -0.024 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

Tgt Ion:	43	Resp:	440
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#





#26

2,2-Dichloropropane

Concen: 1.187 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018319.D

Acq: 17 May 2024 19:32

Instrument :

MSVOA_Y

ClientSampleId :

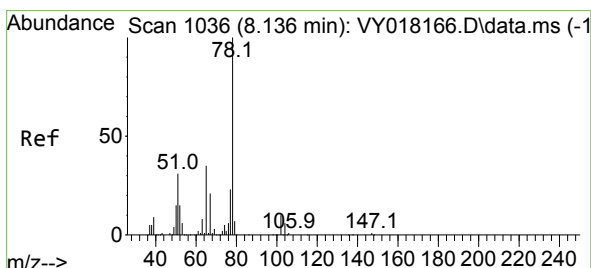
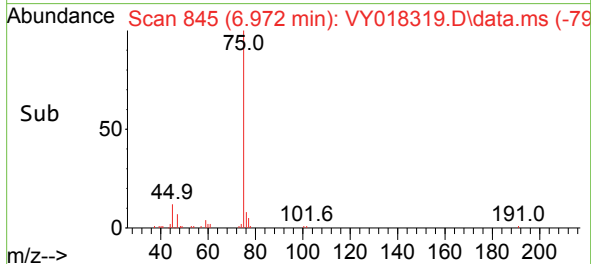
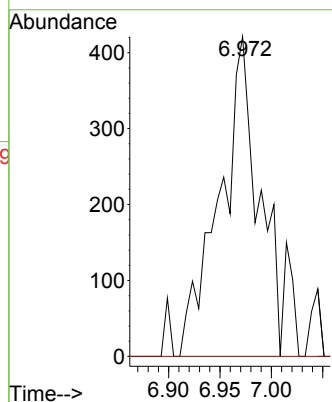
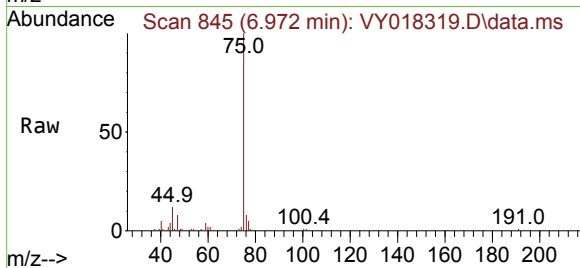
B-01-229RE

Tgt Ion: 77 Resp: 1108

Ion Ratio Lower Upper

77 100

97 0.0 12.0 36.1#



#33

1,2-Dichloroethane-d4

Concen: 61.097 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018319.D

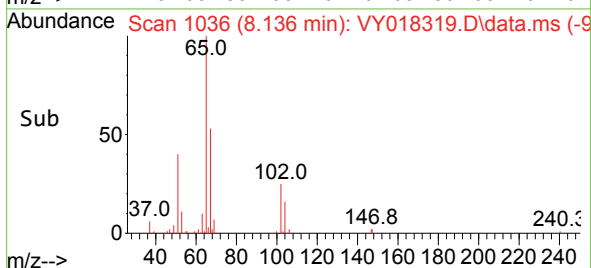
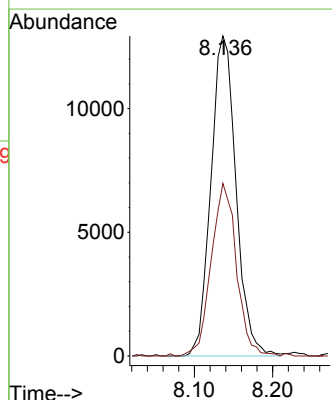
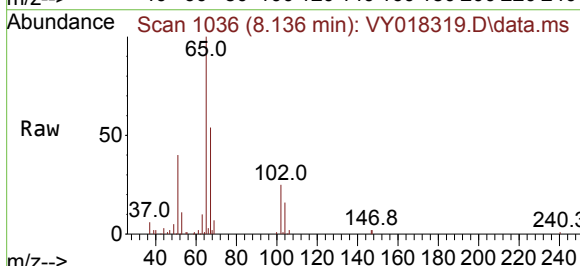
Acq: 17 May 2024 19:32

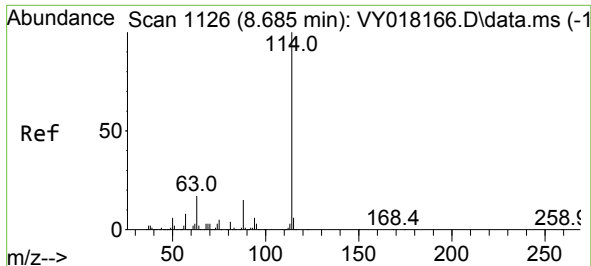
Tgt Ion: 65 Resp: 28833

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. -0.000 min

Lab File: VY018319.D

Acq: 17 May 2024 19:32

Instrument :

MSVOA_Y

ClientSampleId :

B-01-229RE

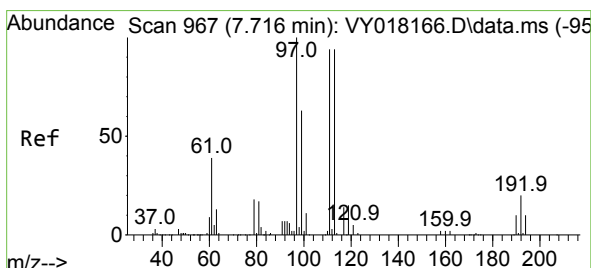
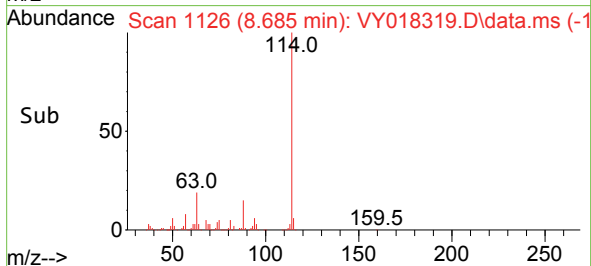
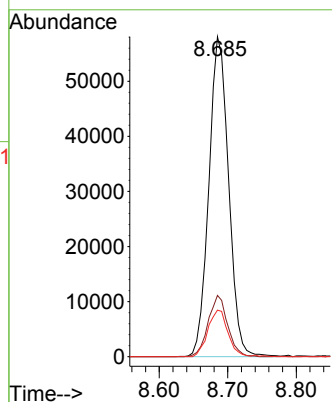
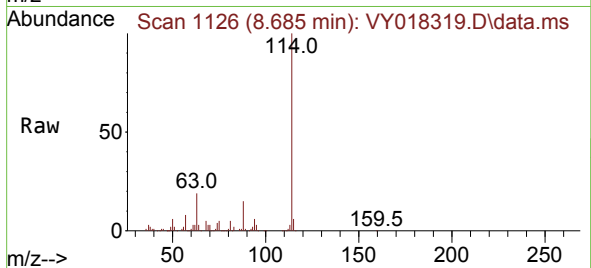
Tgt Ion:114 Resp: 116566

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 14.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.703 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018319.D

Acq: 17 May 2024 19:32

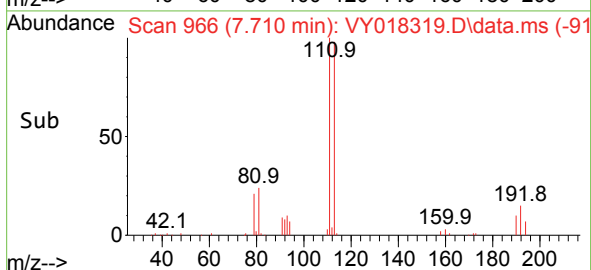
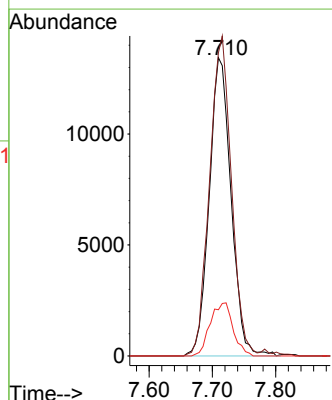
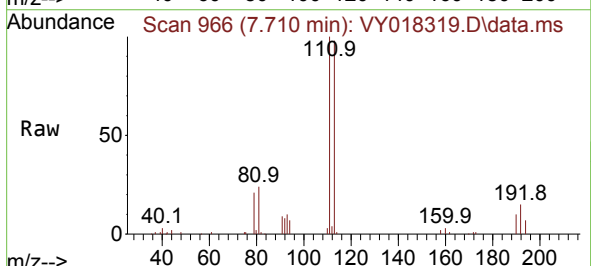
Tgt Ion:113 Resp: 32286

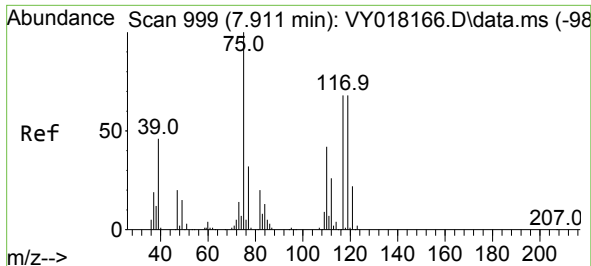
Ion Ratio Lower Upper

113 100

111 106.9 82.2 123.4

192 18.6 15.9 23.9

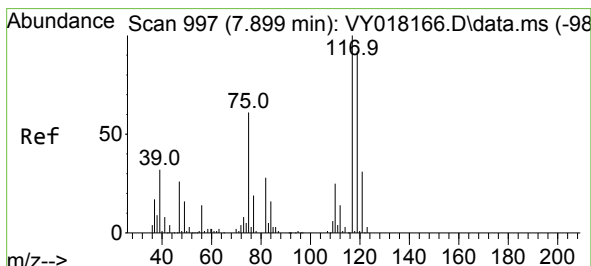
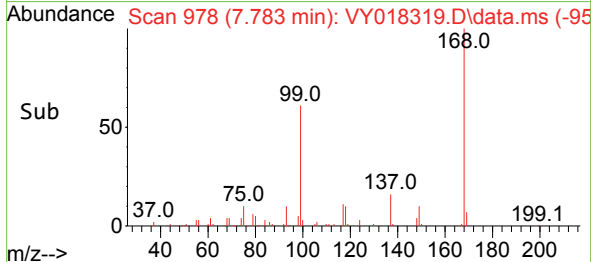
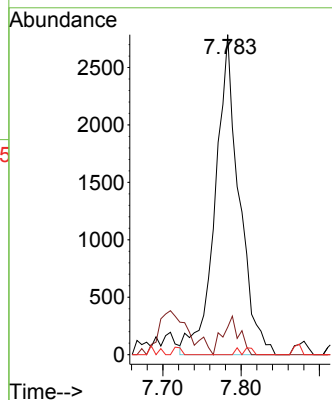
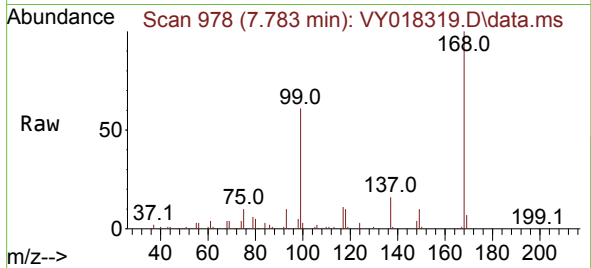




#36
 1,1-Dichloropropene
 Concen: 6.748 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY018319.D
 Acq: 17 May 2024 19:32

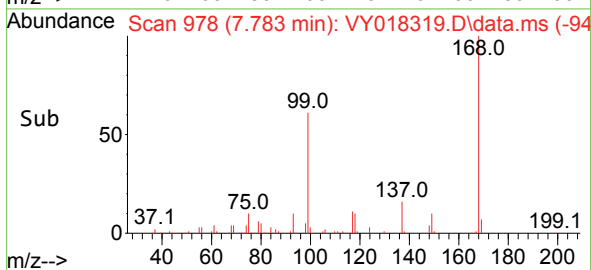
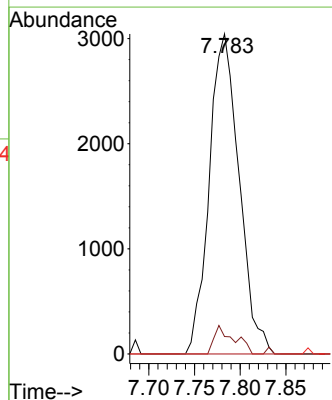
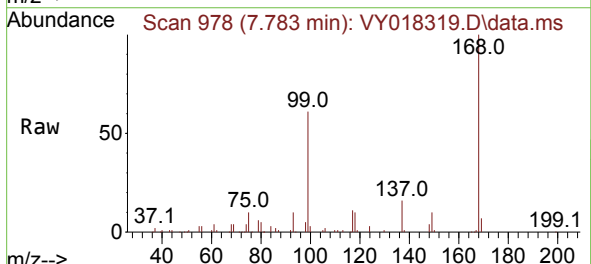
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-01-229RE

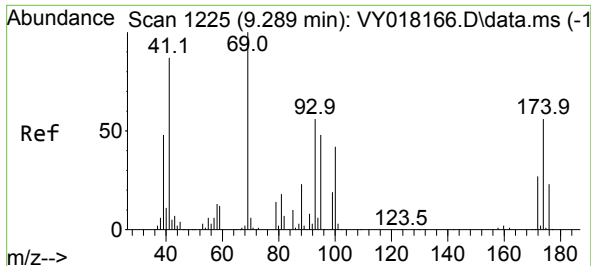
Tgt Ion: 75 Resp: 5926
 Ion Ratio Lower Upper
 75 100
 110 8.3 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 7.219 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY018319.D
 Acq: 17 May 2024 19:32

Tgt Ion: 117 Resp: 6927
 Ion Ratio Lower Upper
 117 100
 119 5.5 75.8 113.6#
 121 0.0 24.0 36.0#

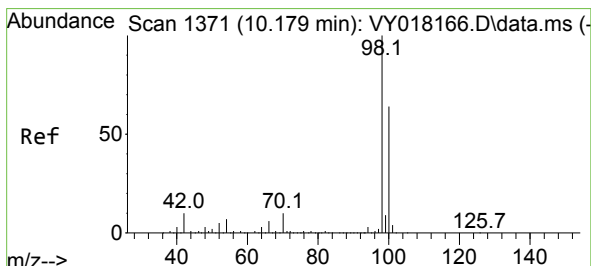
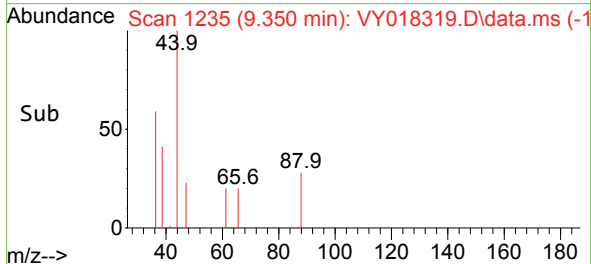
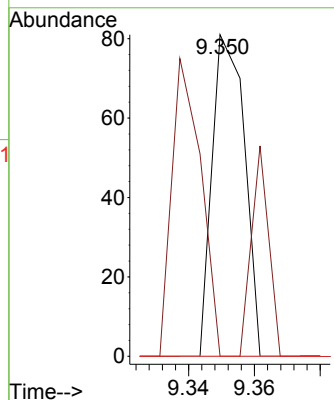
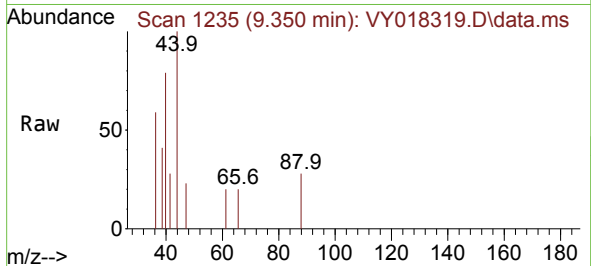




#49
1,4-Dioxane
Concen: 11.670 ug/l
RT: 9.350 min Scan# 1235
Delta R.T. 0.061 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

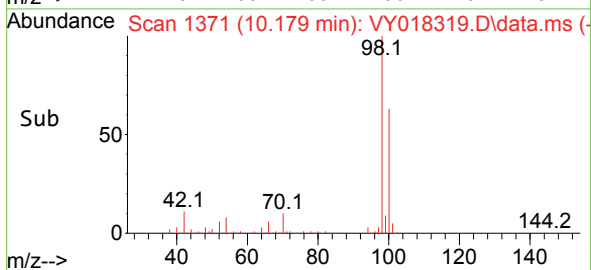
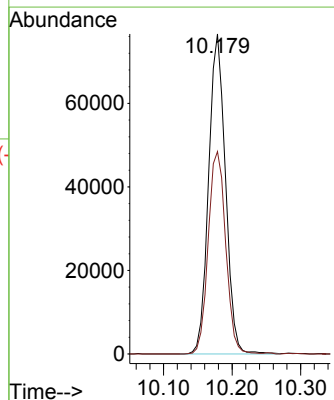
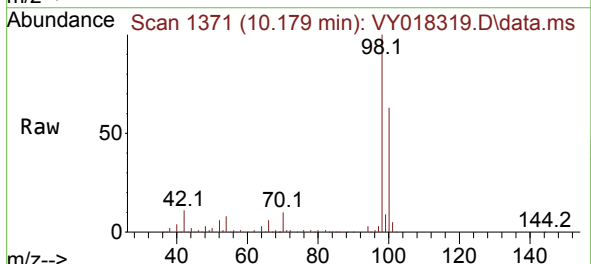
Instrument :
MSVOA_Y
ClientSampleId :
B-01-229RE

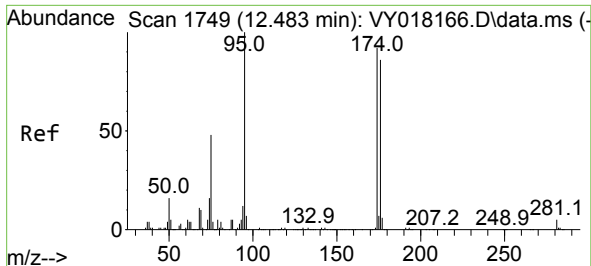
Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 83.6 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 54.180 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

Tgt Ion: 98 Resp: 130793
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

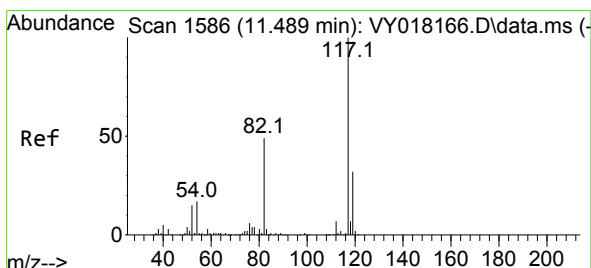
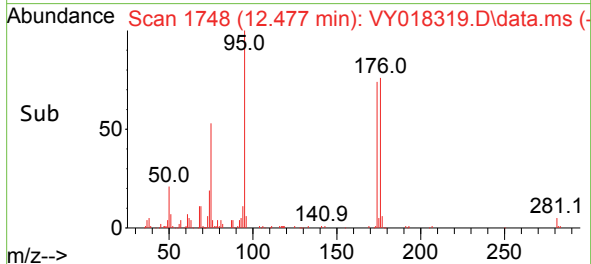
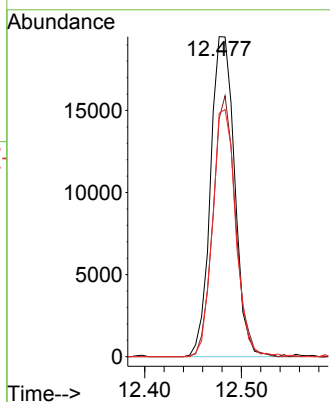
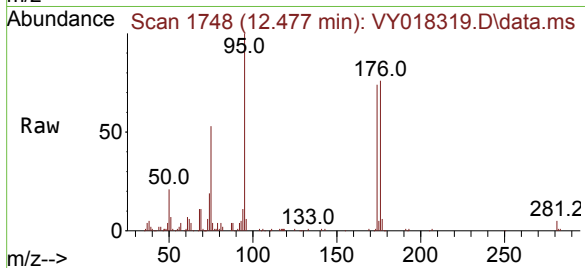




#62
4-Bromofluorobenzene
Concen: 43.222 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

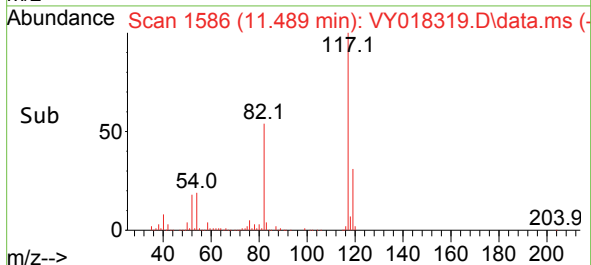
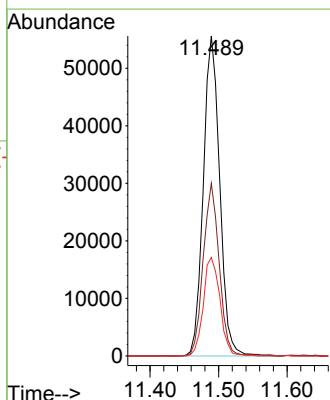
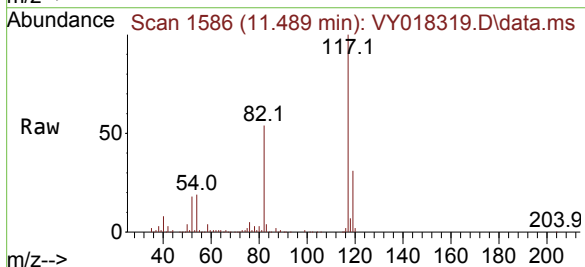
Instrument :
MSVOA_Y
ClientSampleId :
B-01-229RE

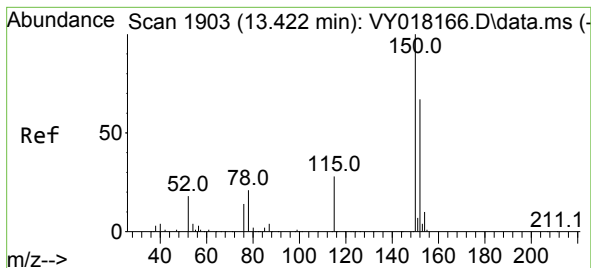
Tgt Ion: 95 Resp: 33696
Ion Ratio Lower Upper
95 100
174 76.1 0.0 175.6
176 74.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

Tgt Ion: 117 Resp: 92837
Ion Ratio Lower Upper
117 100
82 53.9 42.4 63.6
119 30.8 25.9 38.9

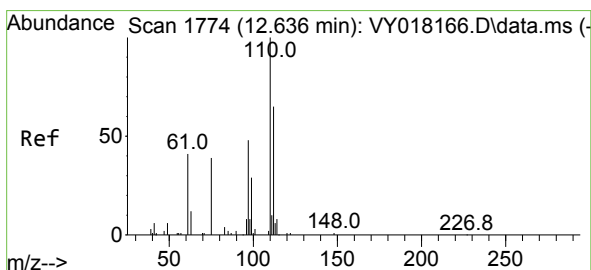
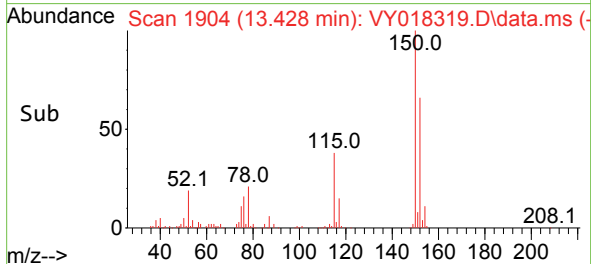
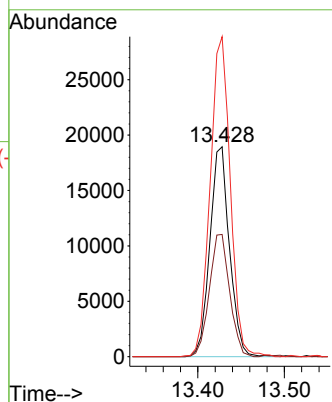
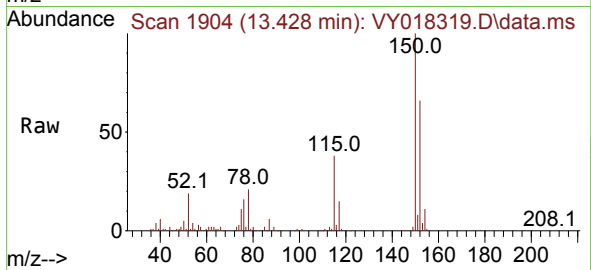




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

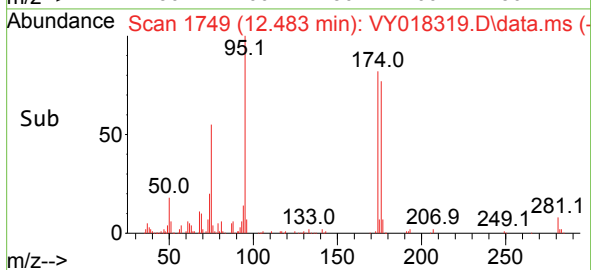
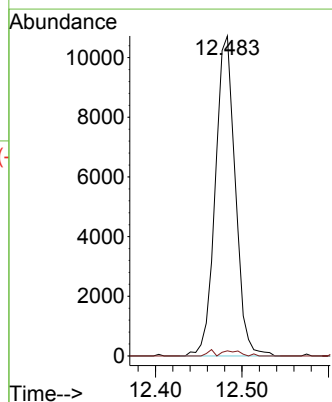
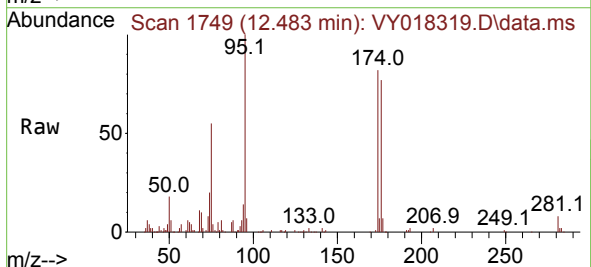
Instrument :
MSVOA_Y
ClientSampleId :
B-01-229RE

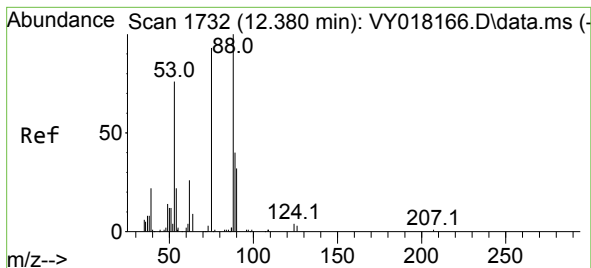
Tgt Ion:152 Resp: 29761
Ion Ratio Lower Upper
152 100
115 60.2 28.2 84.7
150 156.2 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 72.035 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

Tgt Ion: 75 Resp: 17160
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

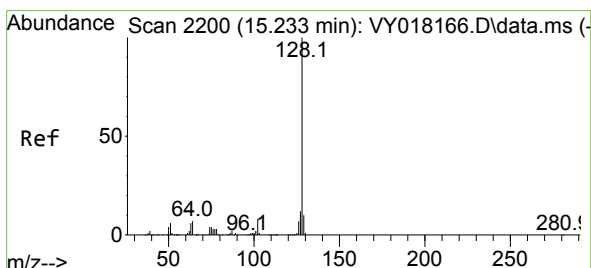
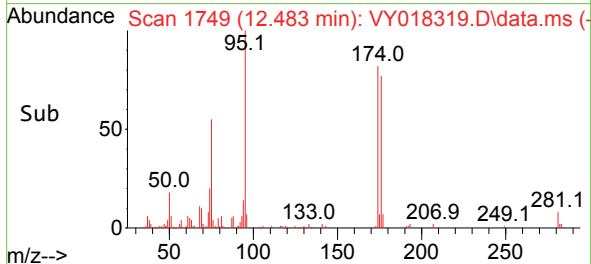
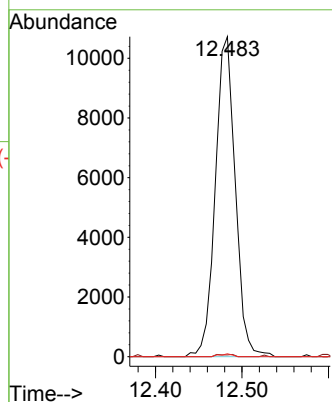
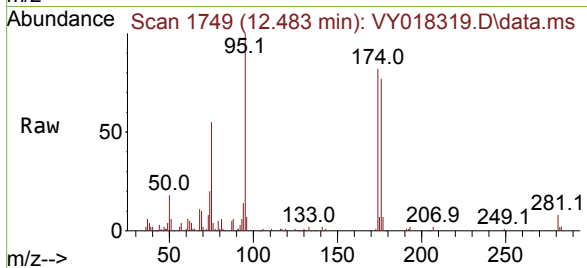




#81
trans-1,4-Dichloro-2-butene
Concen: 138.787 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

Instrument :
MSVOA_Y
ClientSampleId :
B-01-229RE

Tgt Ion: 75 Resp: 17160
Ion Ratio Lower Upper
75 100
53 0.6 66.8 100.2#
89 0.6 35.8 53.6#



#95
Naphthalene
Concen: 2.707 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY018319.D
Acq: 17 May 2024 19:32

Tgt Ion: 128 Resp: 2373
Ion Ratio Lower Upper
128 100
127 16.4 10.6 16.0#
129 8.9 8.6 13.0

