

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018160.D
 Acq On : 06 May 2024 13:47
 Operator : SY/MD
 Sample : P2386-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 06 23:47:02 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)

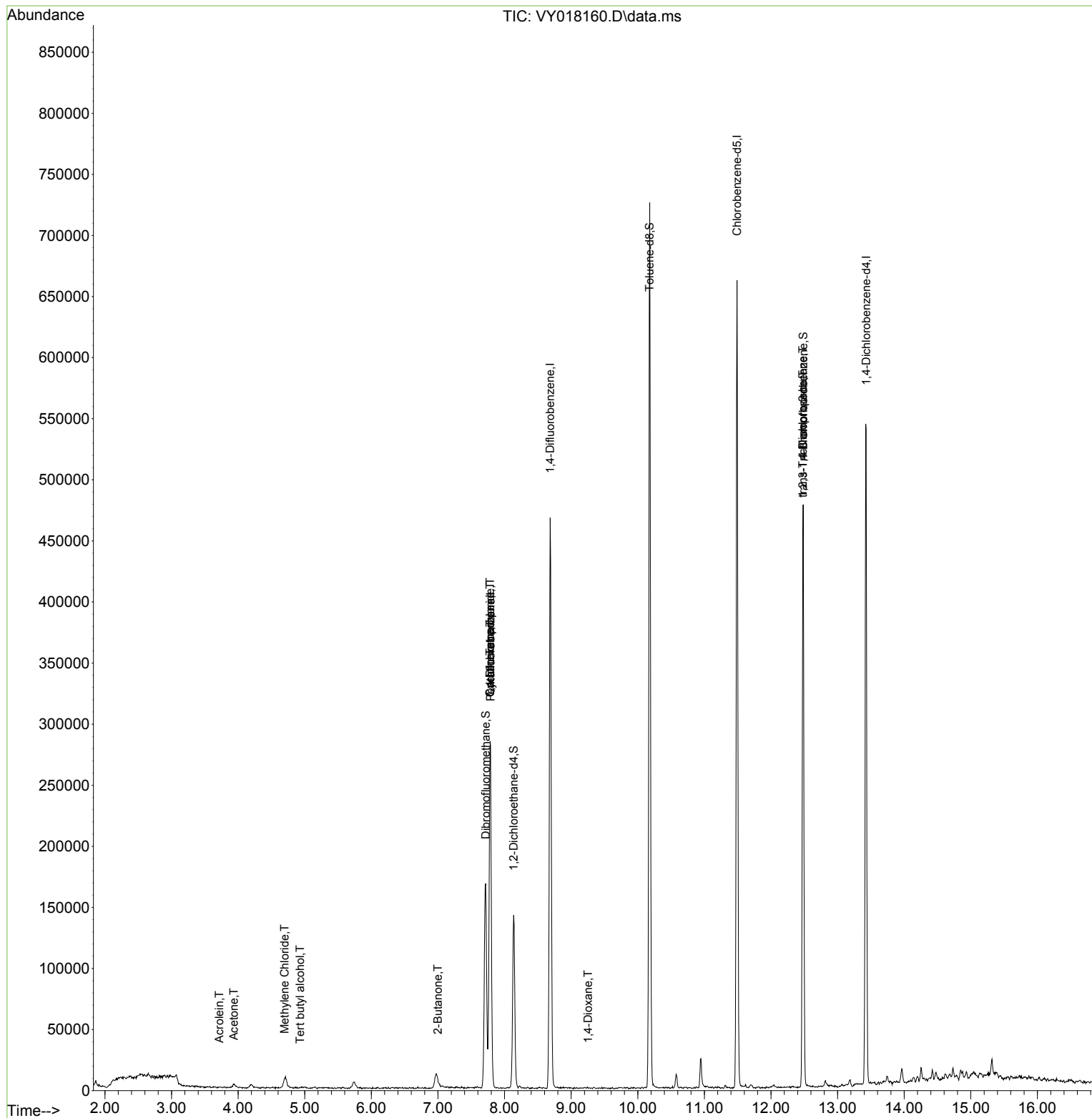
Internal Standards						
1) Pentafluorobenzene	7.789	168	234361	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	429956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	101973	55.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.400%
35) Dibromofluoromethane	7.716	113	123252	49.883	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.760%
50) Toluene-d8	10.179	98	475741	49.320	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.483	95	147414	44.408	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	712	4.729	ug/l	99
13) Acrolein	3.717	56	319	1.424	ug/l #	43
16) Acetone	3.936	43	4994	14.191	ug/l #	81
20) Methylene Chloride	4.698	84	7216	2.926	ug/l	96
25) 2-Butanone	6.997	43	1154	2.108	ug/l #	41
31) Cyclohexane	7.783	56	4763	1.346	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	16612	5.037	ug/l #	48
38) Carbon Tetrachloride	7.783	117	22147	5.916	ug/l #	17
49) 1,4-Dioxane	9.252	88	23	1.475	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	72152	58.467	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	72152	106.513	ug/l #	16

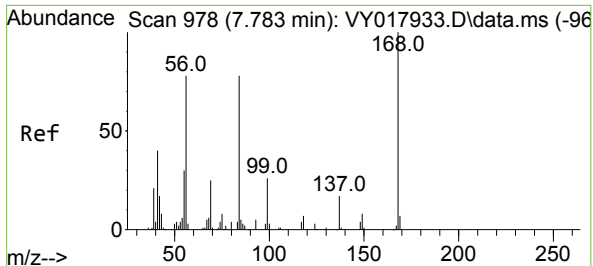
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

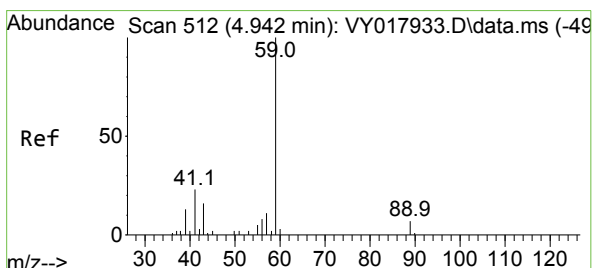
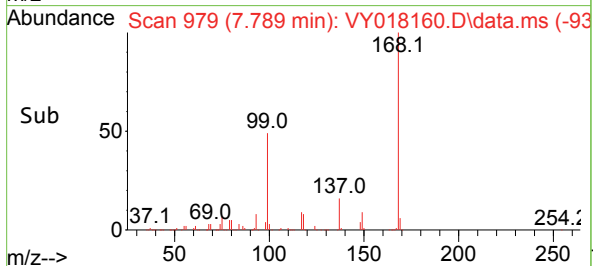
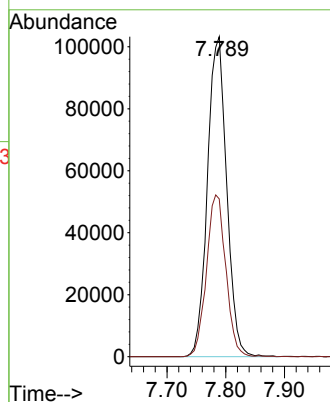
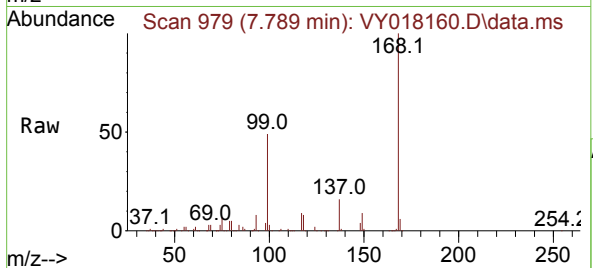




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

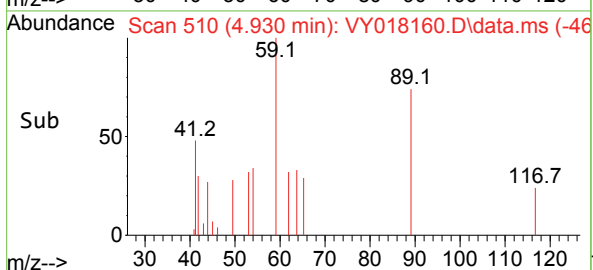
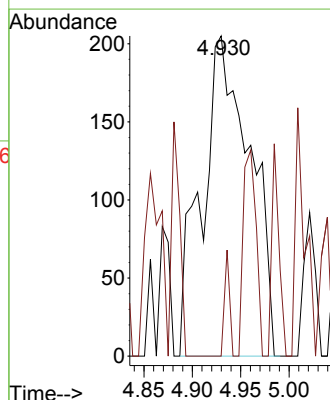
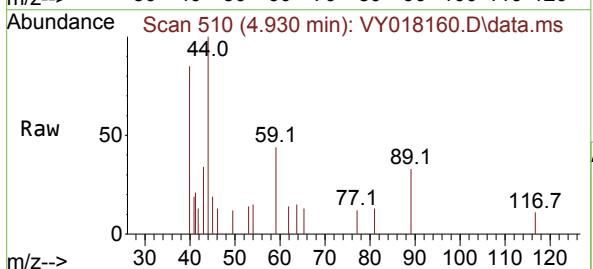
Instrument :
MSVOA_Y
ClientSampleId :

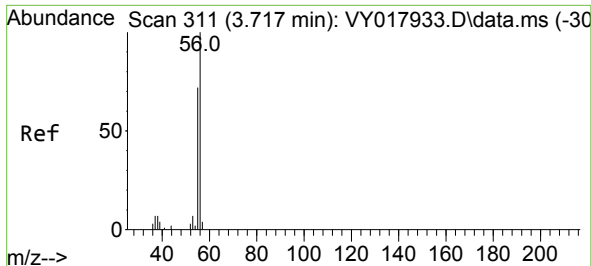
Tgt Ion:168 Resp: 234361
Ion Ratio Lower Upper
168 100
99 49.3 39.1 58.7



#11
Tert butyl alcohol
Concen: 4.729 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

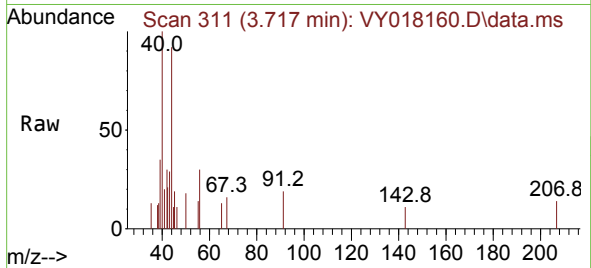
Tgt Ion: 59 Resp: 712
Ion Ratio Lower Upper
59 100
57 3.5 3.0 4.6



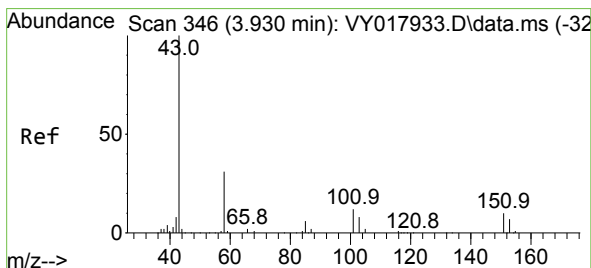
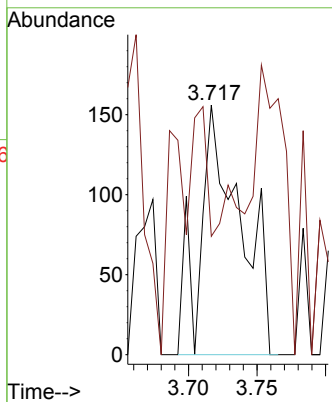
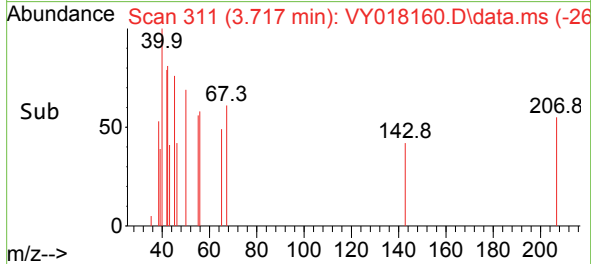


#13
Acrolein
Concen: 1.424 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

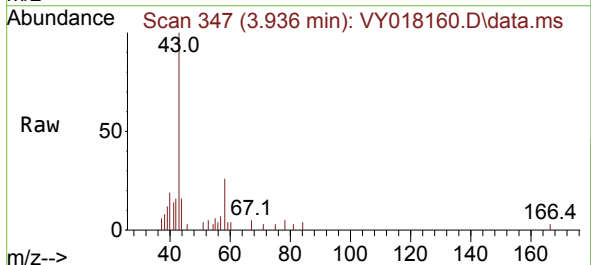
Instrument :
MSVOA_Y
ClientSampleId :



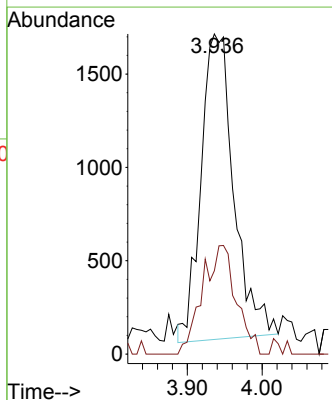
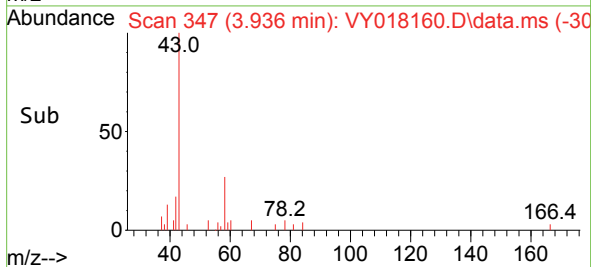
Tgt Ion: 56 Resp: 319
Ion Ratio Lower Upper
56 100
55 23.2 55.7 83.5#

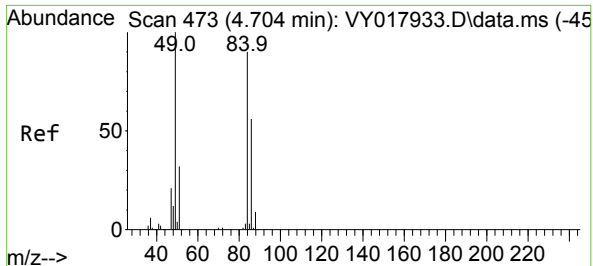


#16
Acetone
Concen: 14.191 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.012 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47



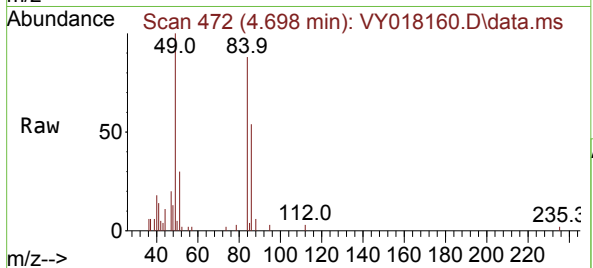
Tgt Ion: 43 Resp: 4994
Ion Ratio Lower Upper
43 100
58 27.8 31.7 47.5#



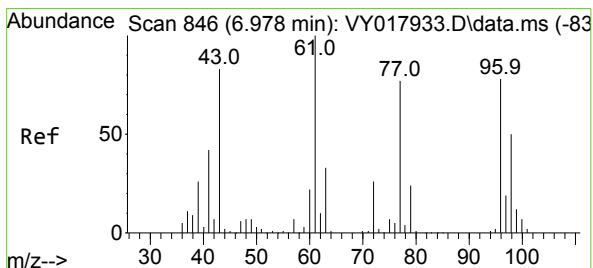
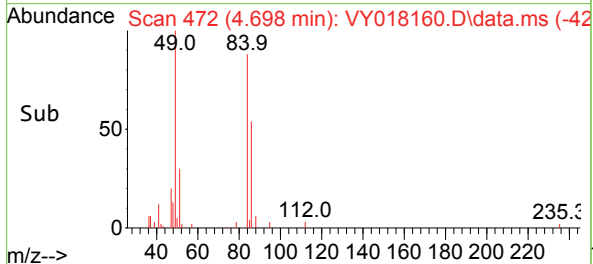
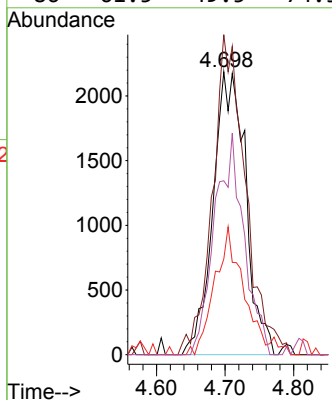


#20
Methylene Chloride
Concen: 2.926 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :

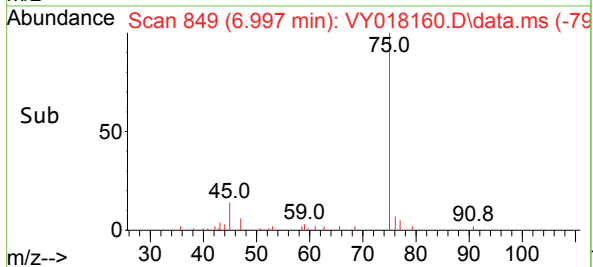
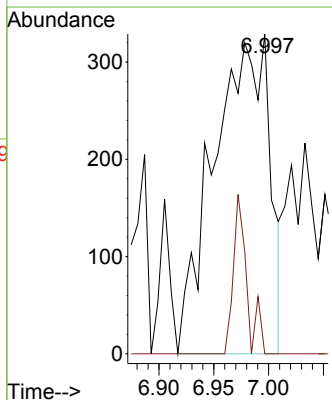
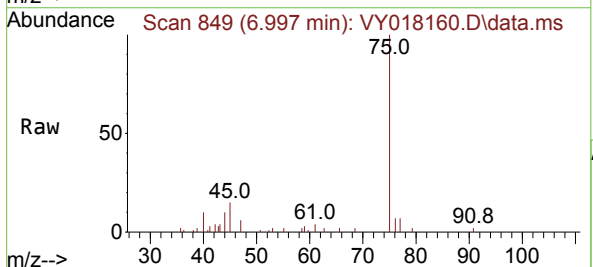


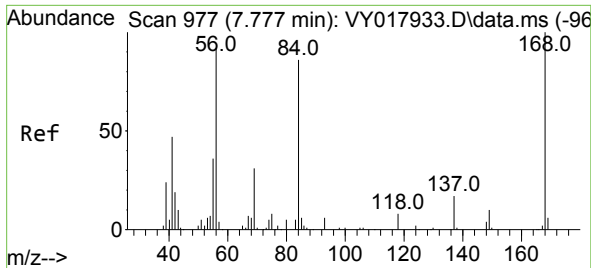
Tgt Ion:	84	Resp:	7216
Ion	Ratio	Lower	Upper
84	100		
49	113.1	84.4	126.6
51	33.8	26.0	39.0
86	61.5	49.5	74.3



#25
2-Butanone
Concen: 2.108 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.013 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

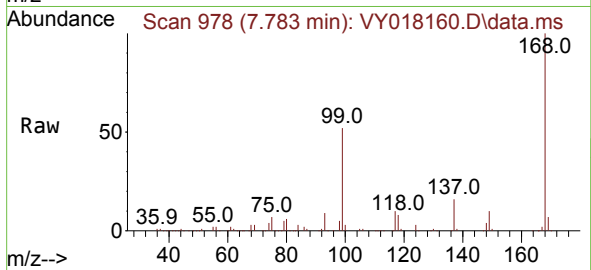
Tgt Ion:	43	Resp:	1154
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



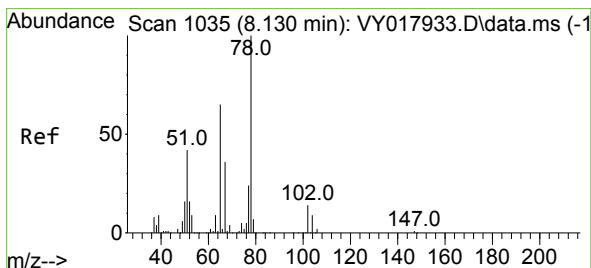
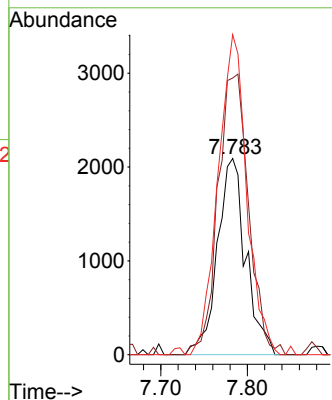
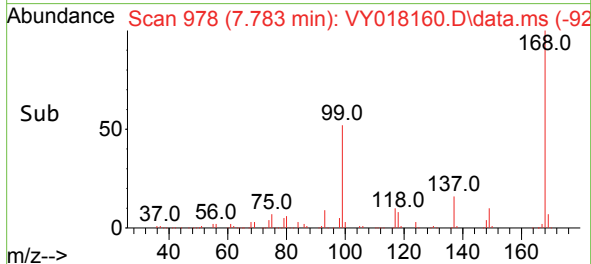


#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :

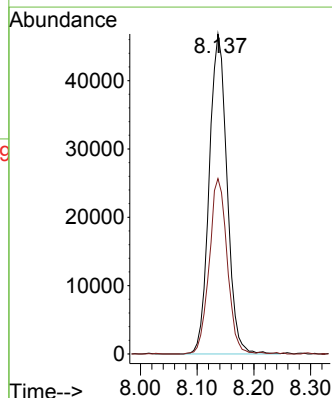
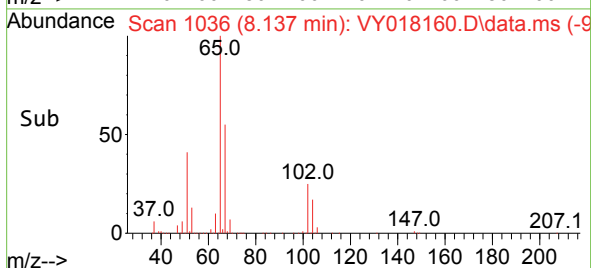
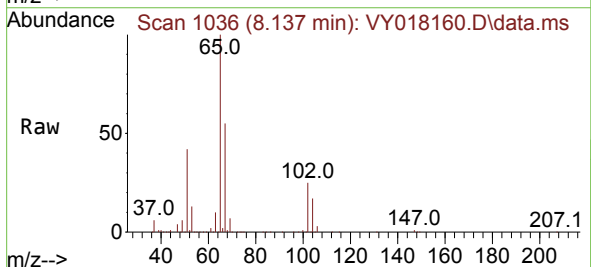


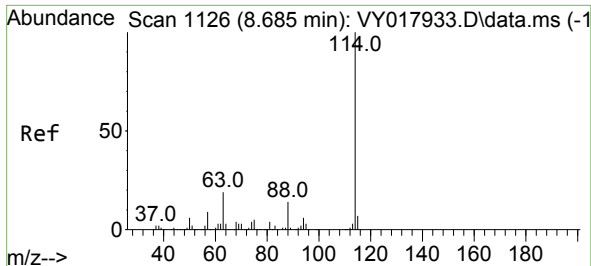
Tgt Ion: 56 Resp: 4763
Ion Ratio Lower Upper
56 100
69 141.0 28.7 43.1#
84 163.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 55.201 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

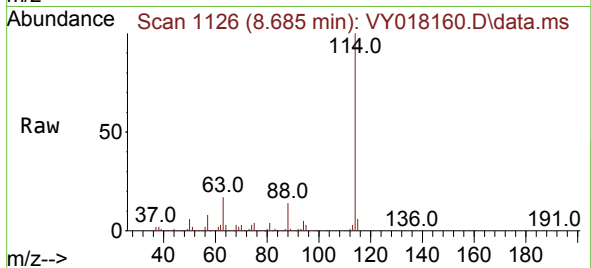
Tgt Ion: 65 Resp: 101973
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6



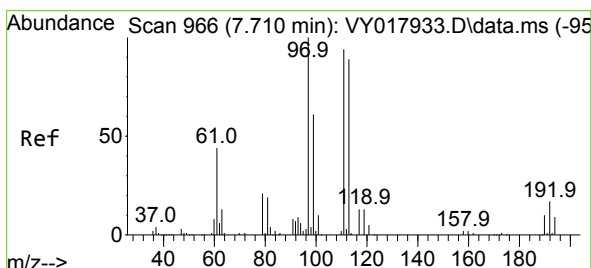
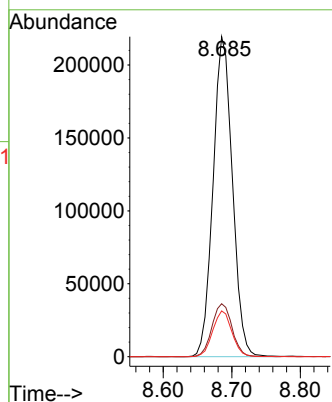
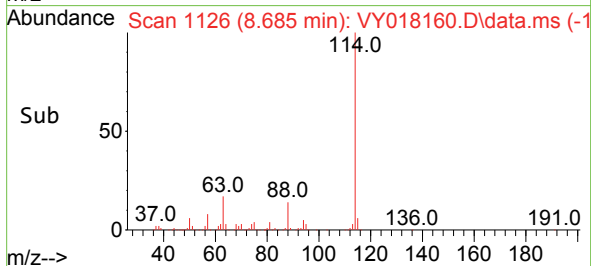


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :

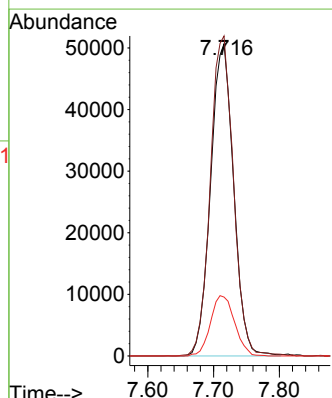
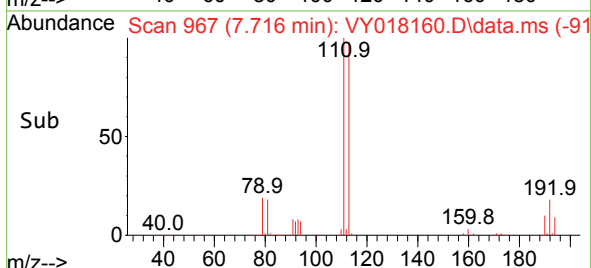
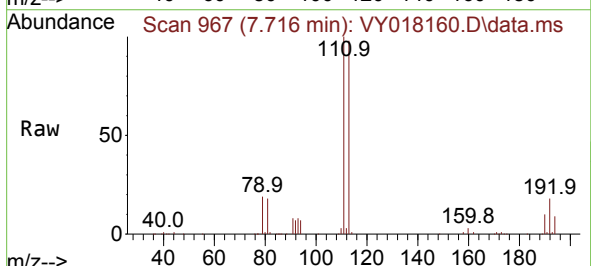


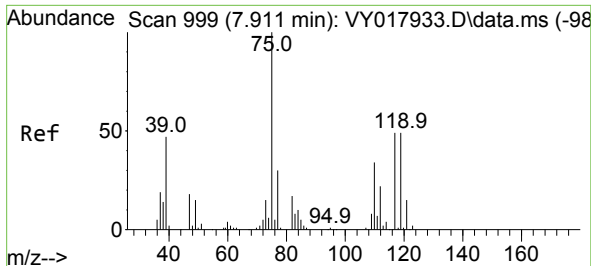
Tgt Ion:114 Resp: 429956
Ion Ratio Lower Upper
114 100
63 16.6 0.0 35.0
88 14.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.883 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

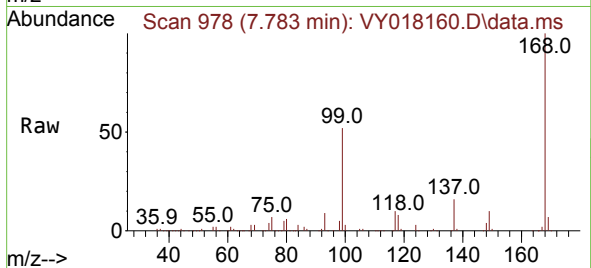
Tgt Ion:113 Resp: 123252
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 20.3 15.9 23.9



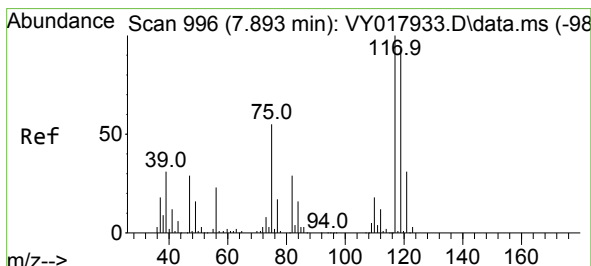
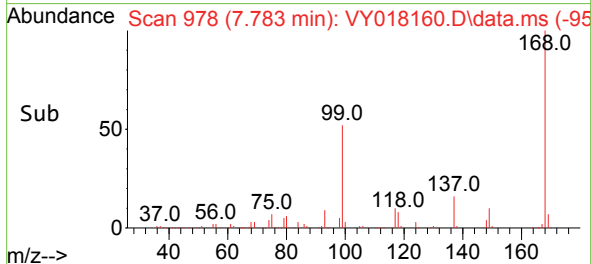
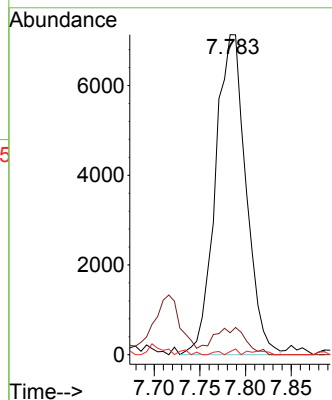


#36
1,1-Dichloropropene
Concen: 5.037 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :

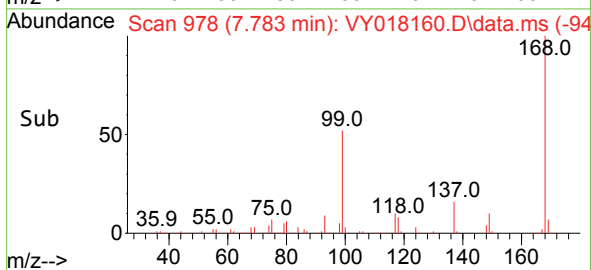
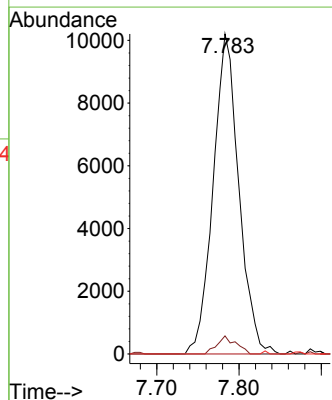
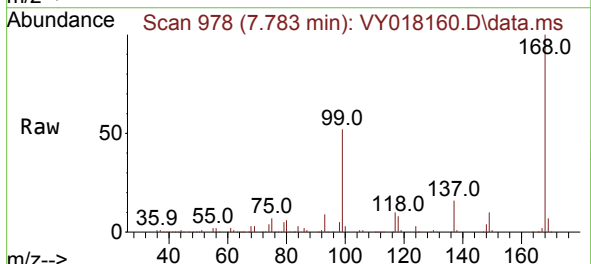


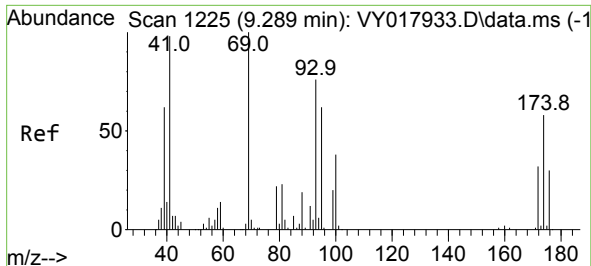
Tgt Ion: 75 Resp: 16612
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.4 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.916 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.122 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

Tgt Ion: 117 Resp: 22147
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.475 ug/l

RT: 9.252 min Scan# 1219

Delta R.T. -0.049 min

Lab File: VY018160.D

Acq: 06 May 2024 13:47

Instrument :

MSVOA_Y

ClientSampleId :

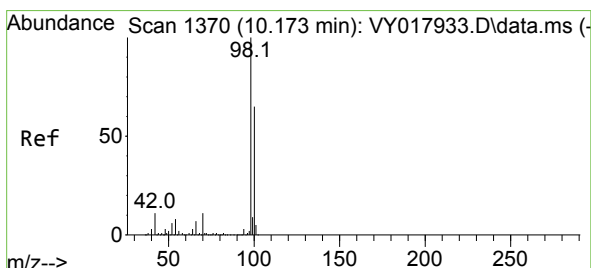
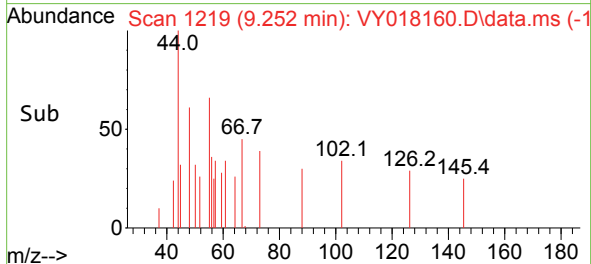
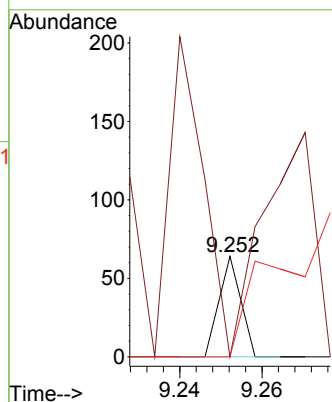
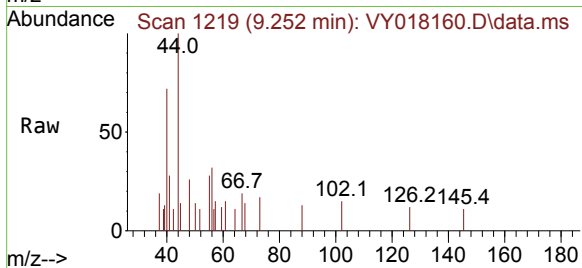
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 504.3 0.0 0.0#

58 0.0 49.3 73.9#



#50

Toluene-d8

Concen: 49.320 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018160.D

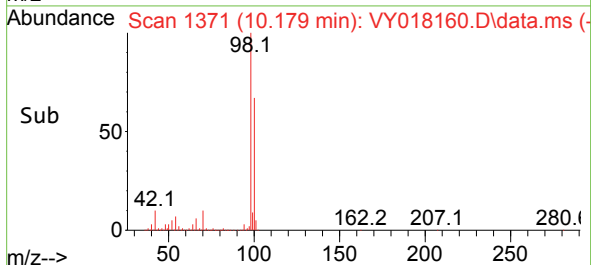
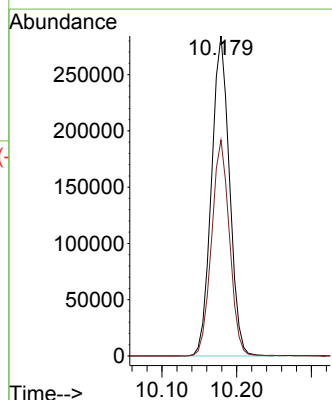
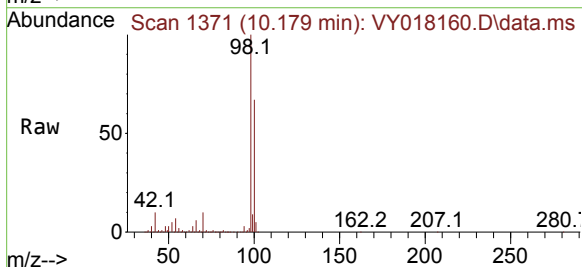
Acq: 06 May 2024 13:47

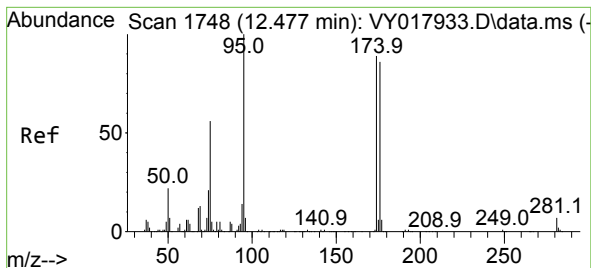
Tgt Ion: 98 Resp: 475741

Ion Ratio Lower Upper

98 100

100 67.0 52.0 78.0

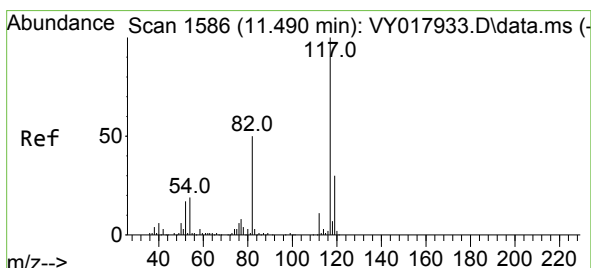
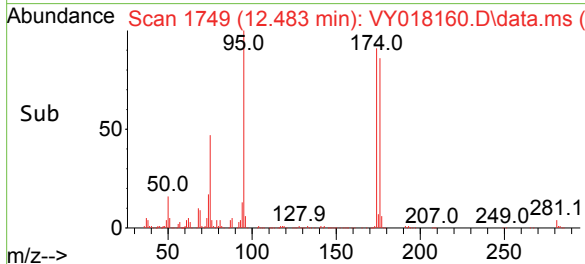
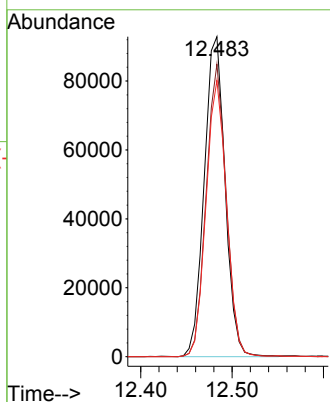
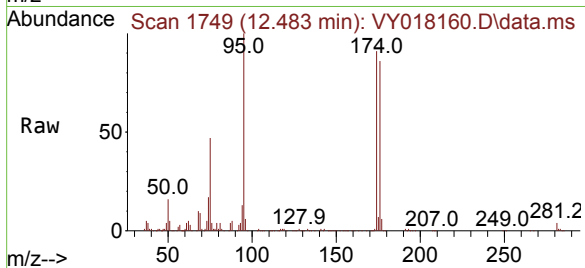




#62
4-Bromofluorobenzene
Concen: 44.408 ug/l
RT: 12.483 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

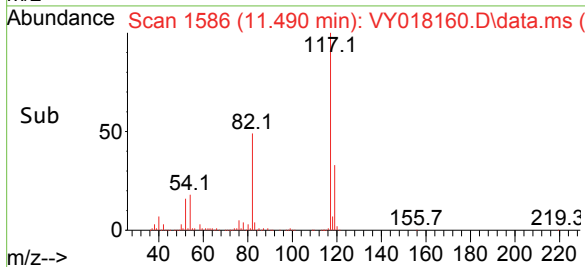
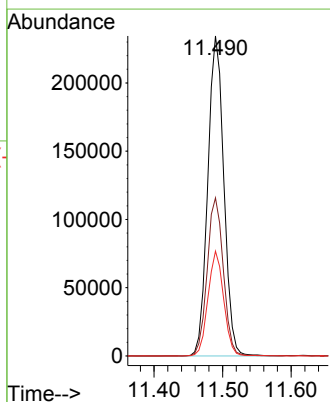
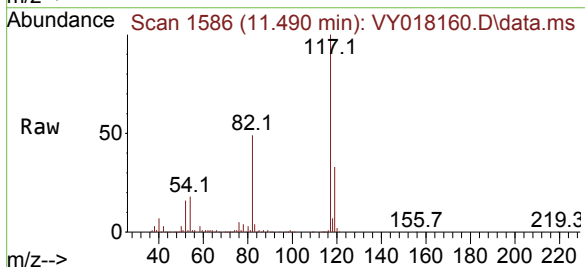
Instrument :
MSVOA_Y
ClientSampleId :

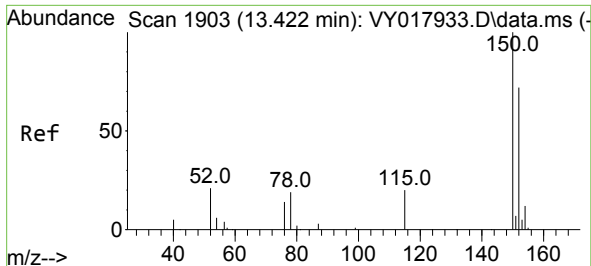
Tgt Ion: 95 Resp: 147414
Ion Ratio Lower Upper
95 100
174 88.0 0.0 175.6
176 84.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY018160.D
Acq: 06 May 2024 13:47

Tgt Ion: 117 Resp: 381401
Ion Ratio Lower Upper
117 100
82 49.4 42.4 63.6
119 32.7 25.9 38.9

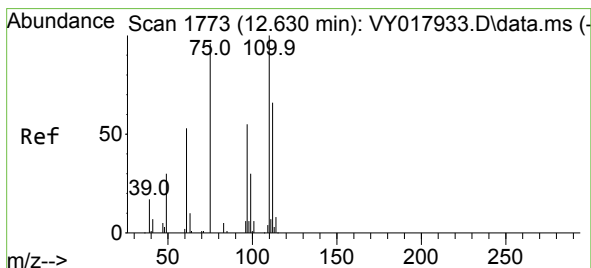
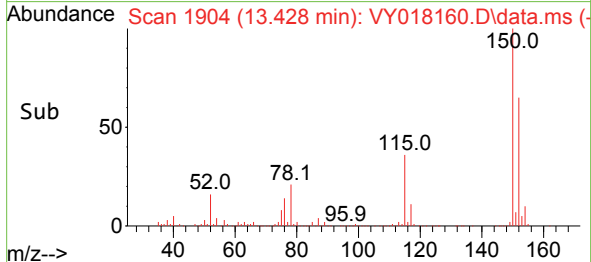
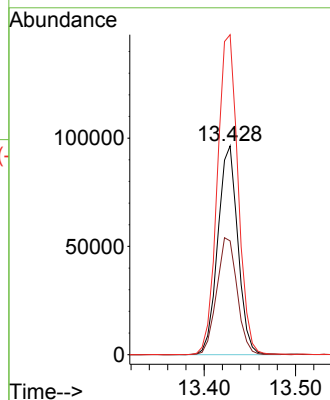
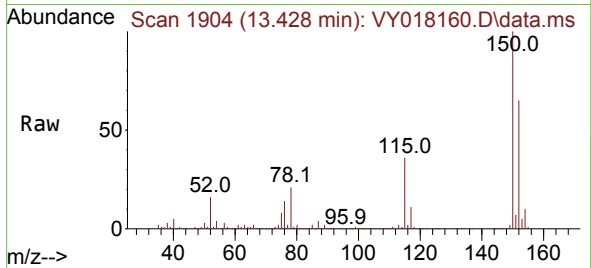




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY018160.D
 Acq: 06 May 2024 13:47

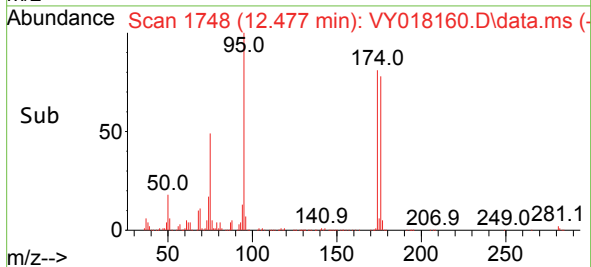
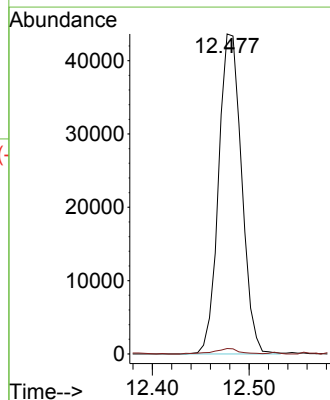
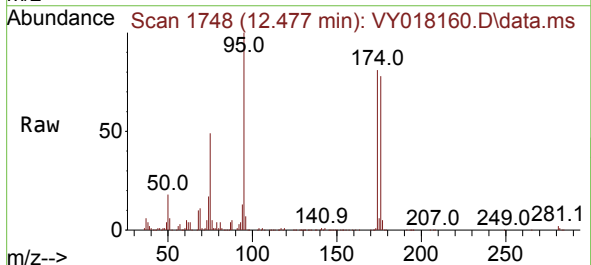
Instrument :
 MSVOA_Y
 ClientSampleId :

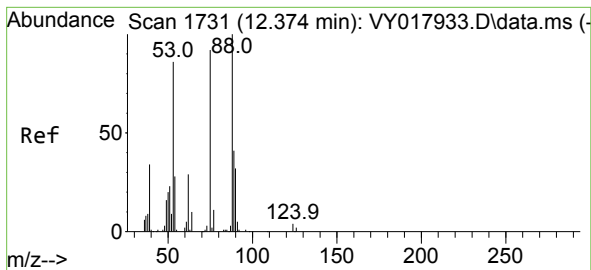
Tgt Ion:152 Resp: 147044
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 158.6 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 58.467 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.159 min
 Lab File: VY018160.D
 Acq: 06 May 2024 13:47

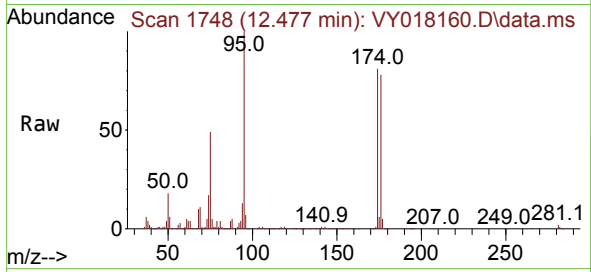
Tgt Ion: 75 Resp: 72152
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.513 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018160.D
 Acq: 06 May 2024 13:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	72152
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

