

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051624\
 Data File : VY018294.D
 Acq On : 16 May 2024 18:46
 Operator : SY/MD
 Sample : P2513-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14

Quant Time: May 17 01:18:46 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)

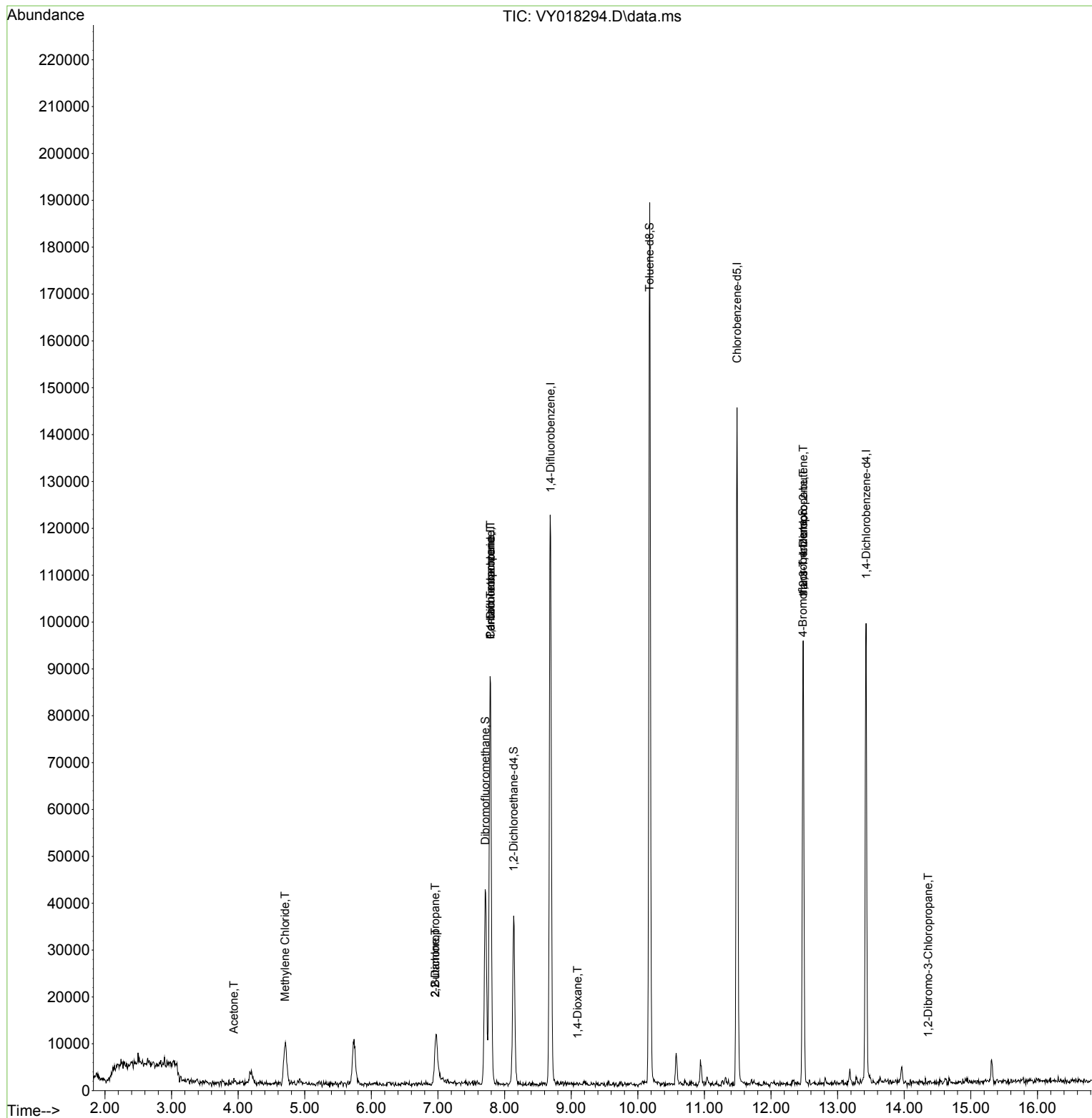
Internal Standards						
1) Pentafluorobenzene	7.789	168	65887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	111506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	81599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23948	49.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.820%
35) Dibromofluoromethane	7.710	113	29738	50.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.179	98	122307	52.963	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.920%
62) 4-Bromofluorobenzene	12.477	95	28814	38.637	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	460	Below Cal	#	88
13) Acrolein	3.704	56	57	Below Cal	#	60
16) Acetone	3.936	43	1415	14.629	ug/l #	78
20) Methylene Chloride	4.704	84	6710	9.814	ug/l	90
25) 2-Butanone	6.960	43	586	3.790	ug/l #	41
26) 2,2-Dichloropropane	6.960	77	1241	1.295	ug/l #	51
31) Cyclohexane	7.789	56	1723	Below Cal	#	36
36) 1,1-Dichloropropene	7.789	75	5857	6.972	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7259	7.908	ug/l #	14
49) 1,4-Dioxane	9.094	88	49	10.869	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	14862	72.275	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14862	139.249	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.361	75	49	1.171	ug/l #	1

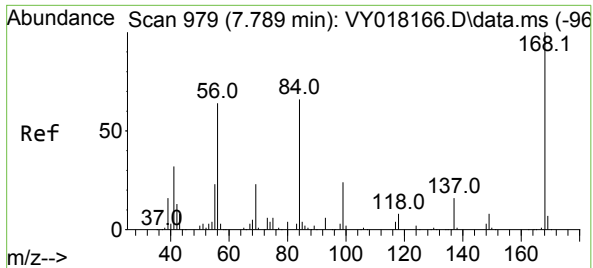
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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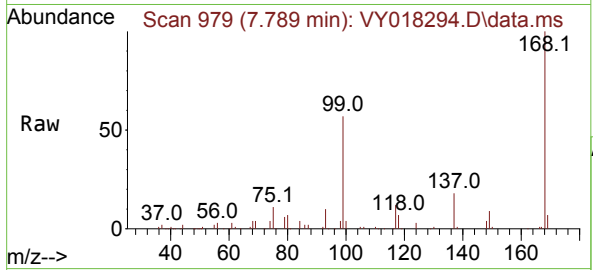
Quant Time: May 17 01:18:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
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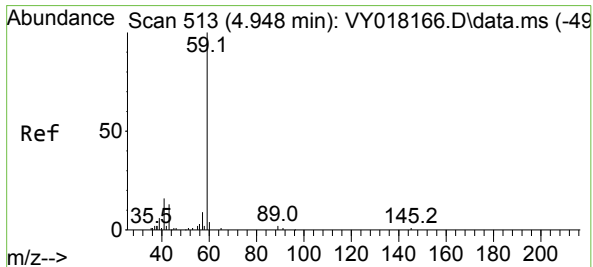
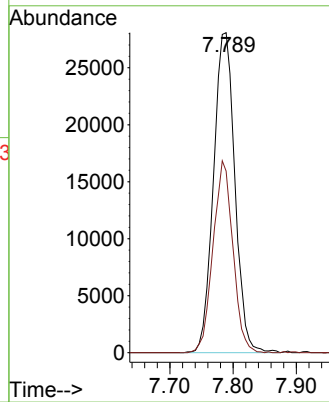
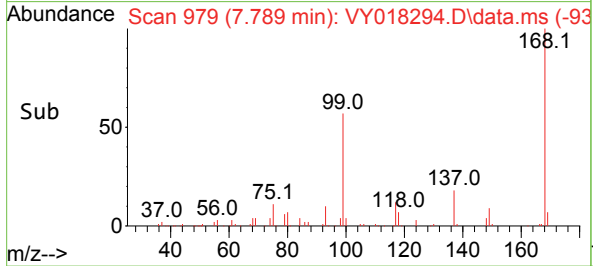


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-14

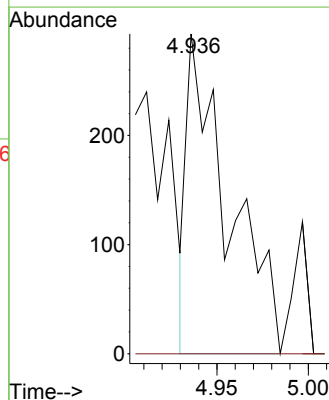
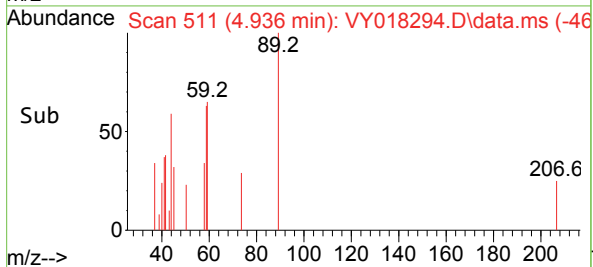
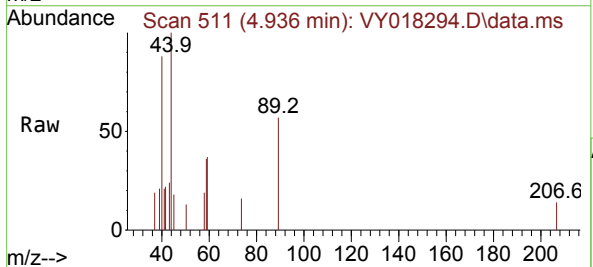


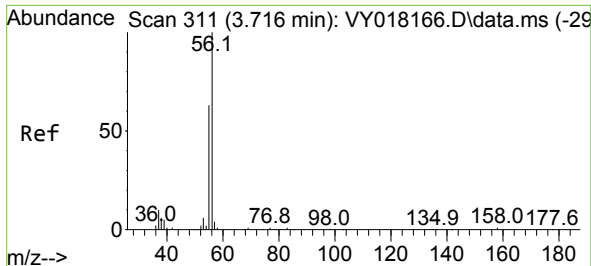
Tgt Ion:168 Resp: 65887
Ion Ratio Lower Upper
168 100
99 56.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Tgt Ion: 59 Resp: 460
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

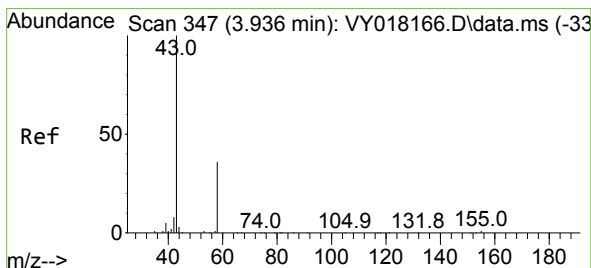
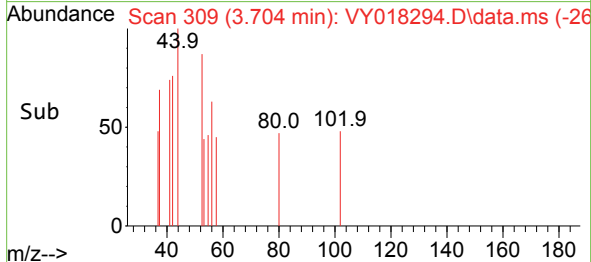
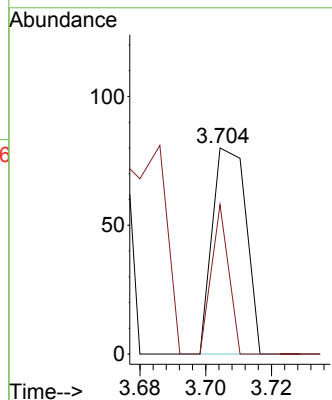
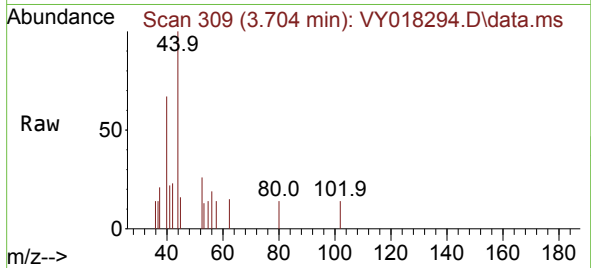




#13
Acrolein
Concen: Below Cal
RT: 3.704 min Scan# 309
Delta R.T. -0.012 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

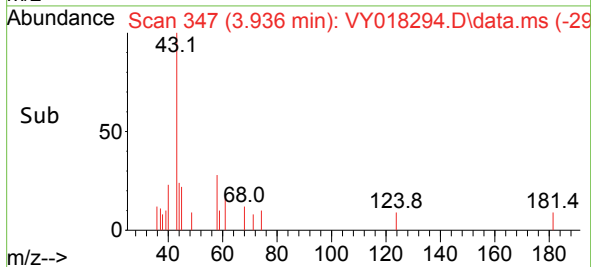
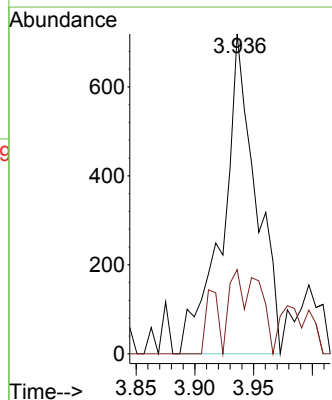
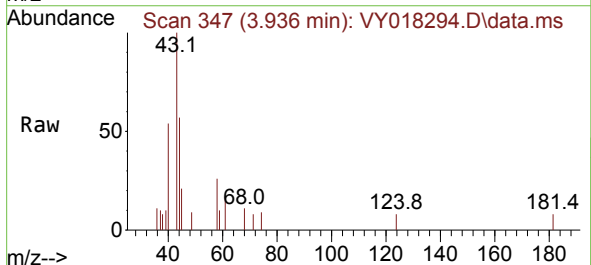
Instrument :
MSVOA_Y
ClientSampleId :
TP-14

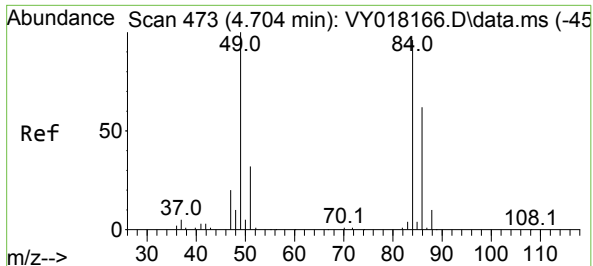
Tgt Ion: 56 Resp: 57
Ion Ratio Lower Upper
56 100
55 36.8 55.7 83.5#



#16
Acetone
Concen: 14.629 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Tgt Ion: 43 Resp: 1415
Ion Ratio Lower Upper
43 100
58 26.3 31.7 47.5#

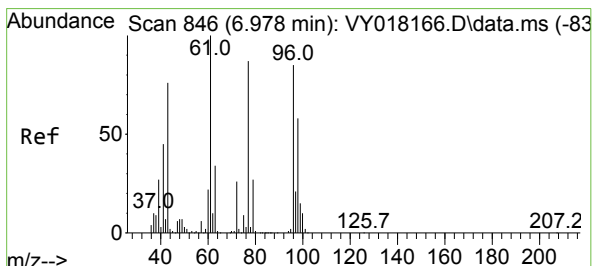
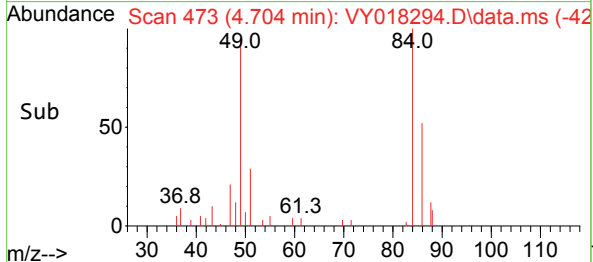
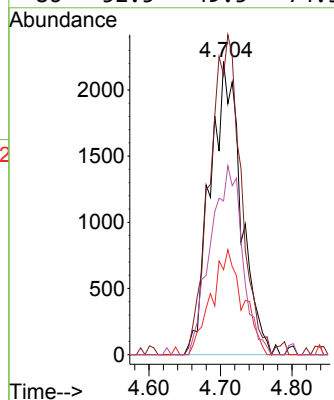
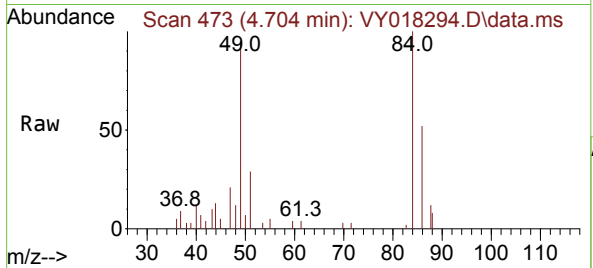




#20
Methylene Chloride
Concen: 9.814 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

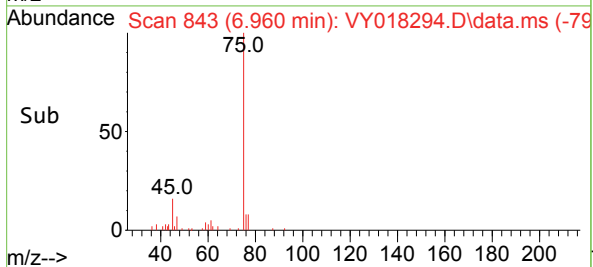
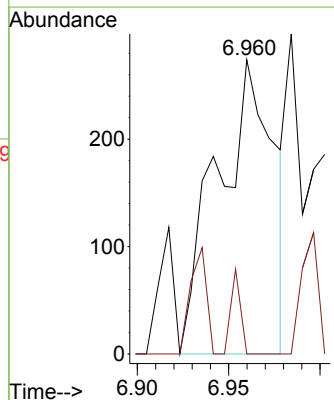
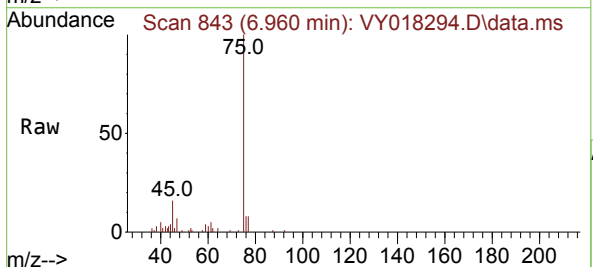
Instrument :
MSVOA_Y
ClientSampleId :
TP-14

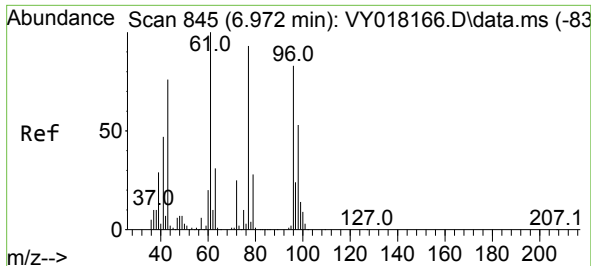
Tgt Ion:	84	Resp:	6710
Ion	Ratio	Lower	Upper
84	100		
49	95.3	84.4	126.6
51	29.0	26.0	39.0
86	52.5	49.5	74.3



#25
2-Butanone
Concen: 3.790 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Tgt Ion:	43	Resp:	586
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

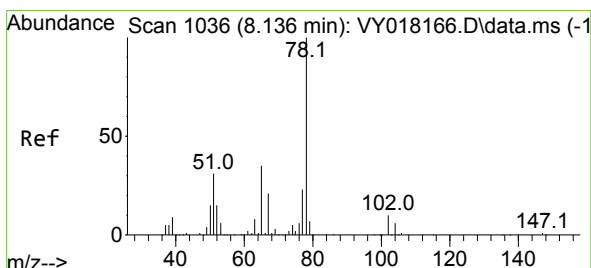
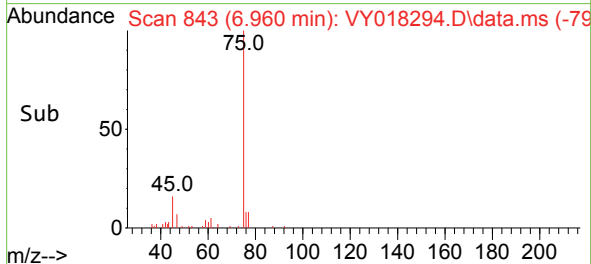
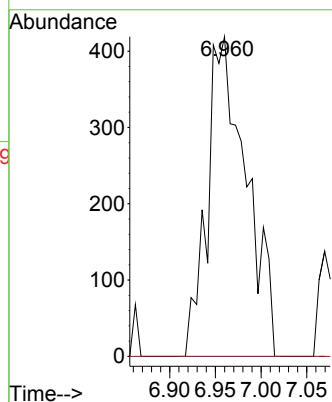
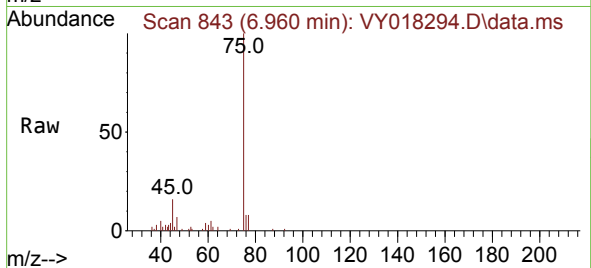




#26
2,2-Dichloropropane
Concen: 1.295 ug/l
RT: 6.960 min Scan# 845
Delta R.T. -0.012 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

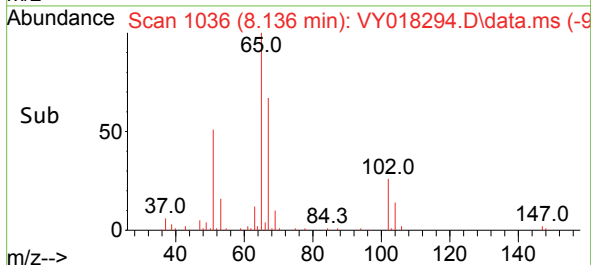
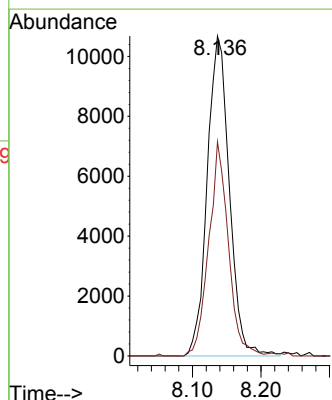
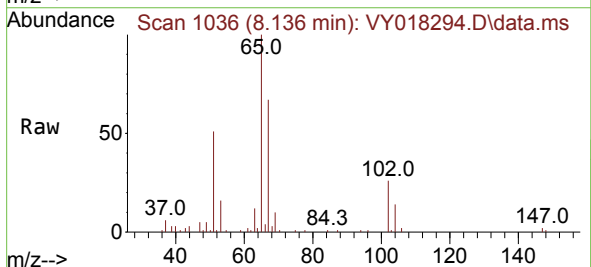
Instrument :
MSVOA_Y
ClientSampleId :
TP-14

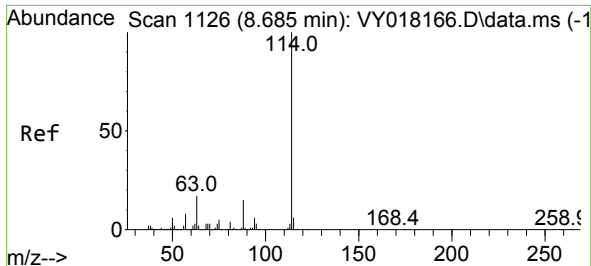
Tgt Ion: 77 Resp: 1241
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



#33
1,2-Dichloroethane-d4
Concen: 49.407 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Tgt Ion: 65 Resp: 23948
Ion Ratio Lower Upper
65 100
67 59.3 0.0 109.6

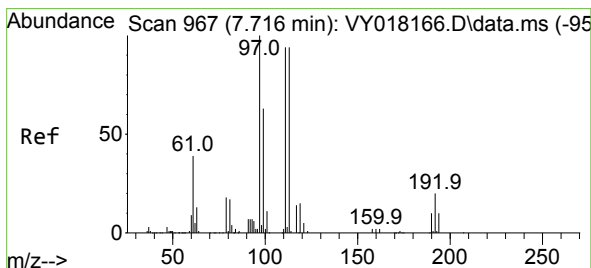
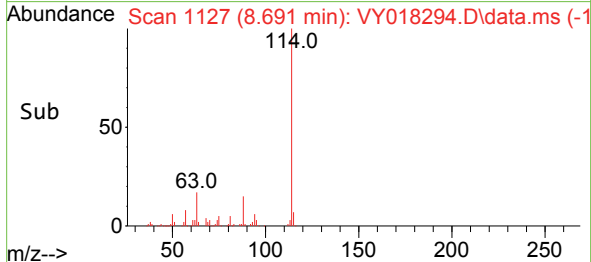
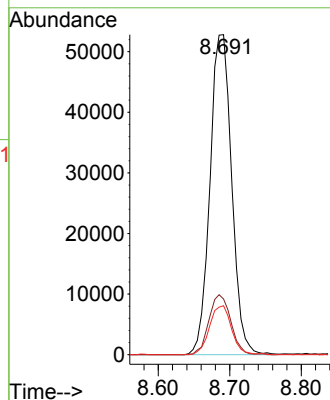
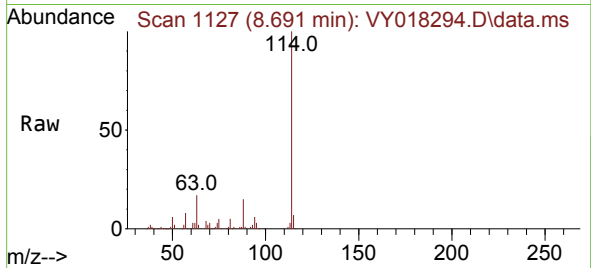




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

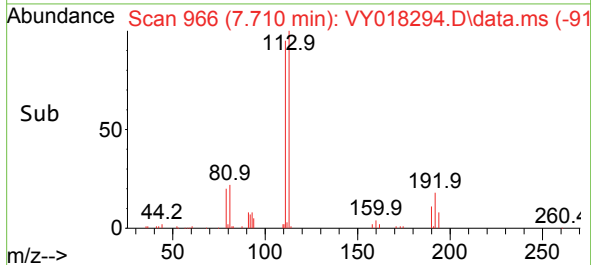
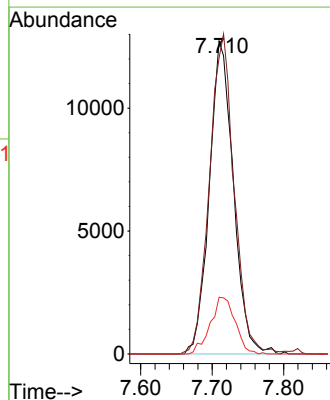
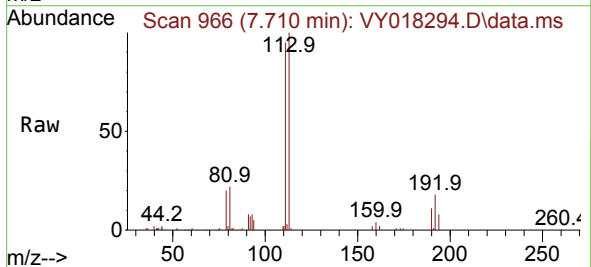
Instrument :
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ClientSampleId :
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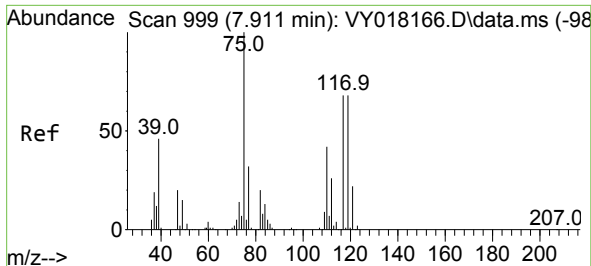
Tgt Ion:114 Resp: 111506
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 15.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.746 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Tgt Ion:113 Resp: 29738
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.4
192 18.7 15.9 23.9

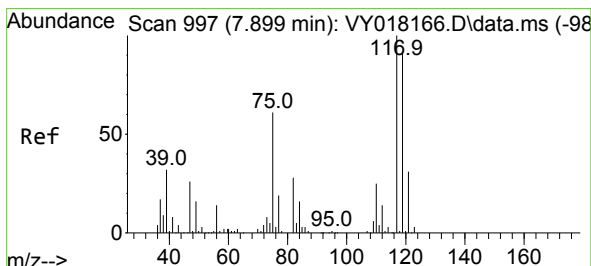
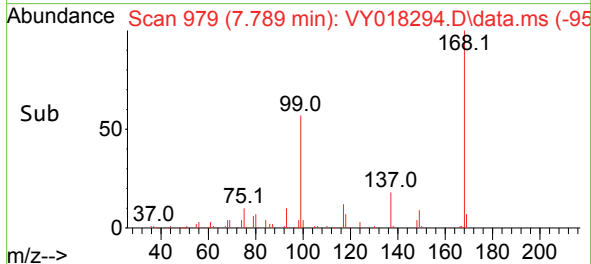
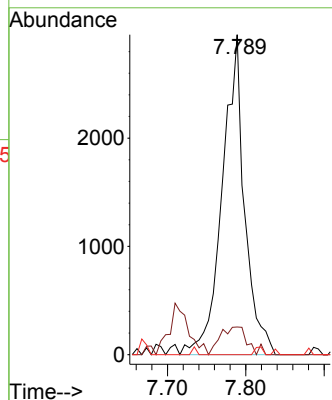
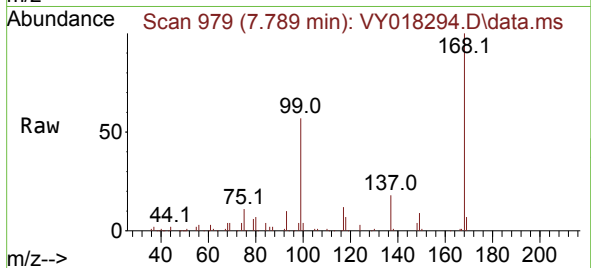




#36
1,1-Dichloropropene
Concen: 6.972 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

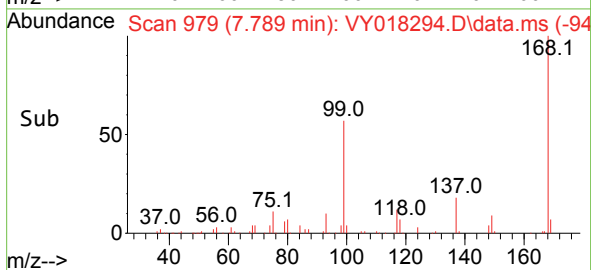
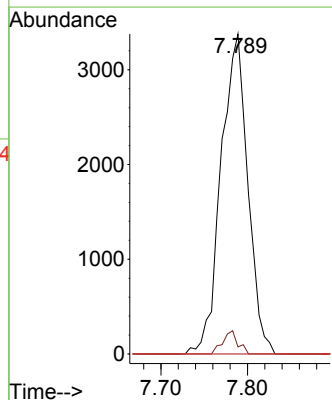
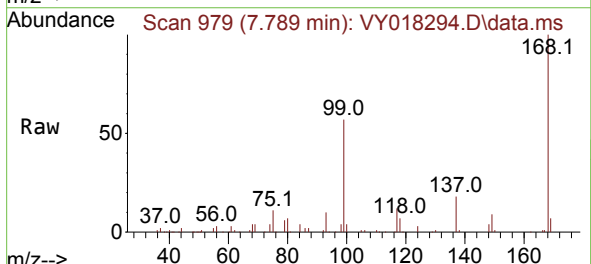
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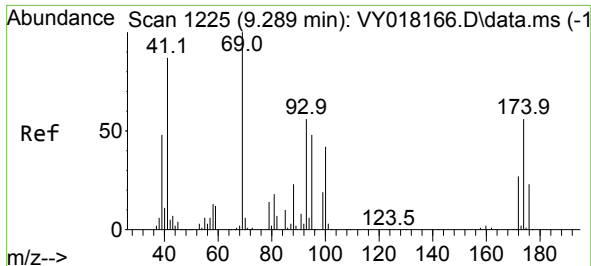
Tgt Ion: 75 Resp: 5857
Ion Ratio Lower Upper
75 100
110 10.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.908 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

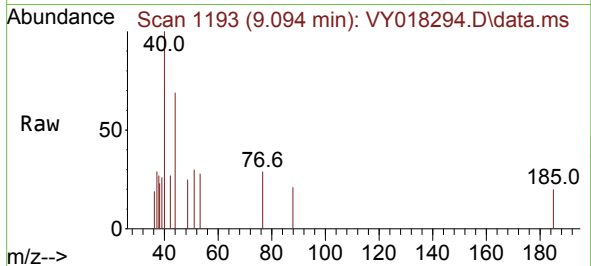
Tgt Ion: 117 Resp: 7259
Ion Ratio Lower Upper
117 100
119 2.2 75.8 113.6#
121 0.0 24.0 36.0#



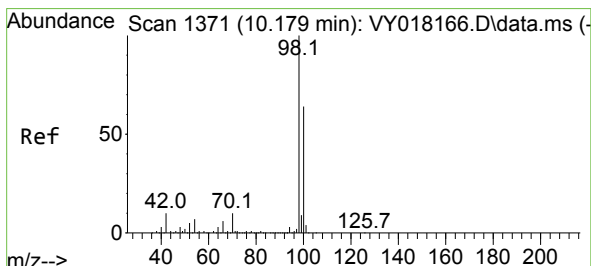
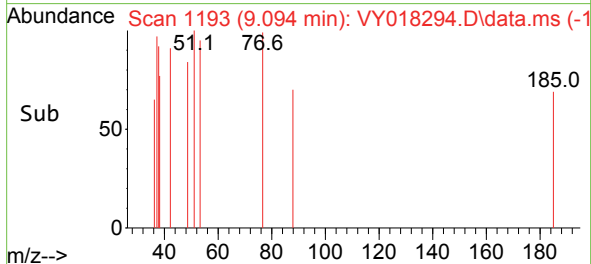
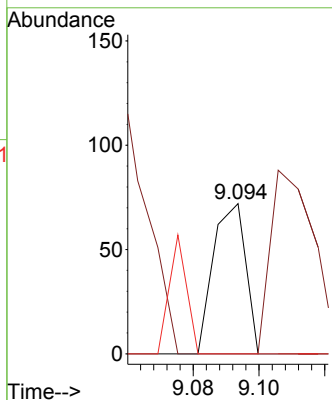


#49
1,4-Dioxane
Concen: 10.869 ug/l
RT: 9.094 min Scan# 1193
Delta R.T. -0.195 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Instrument :
MSVOA_Y
ClientSampleId :
TP-14

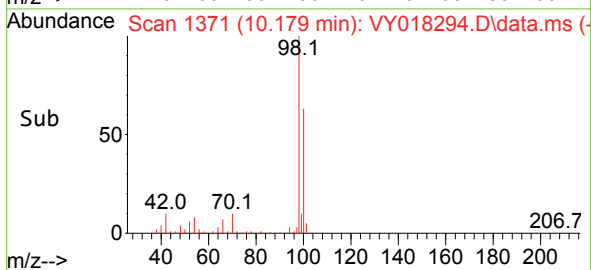
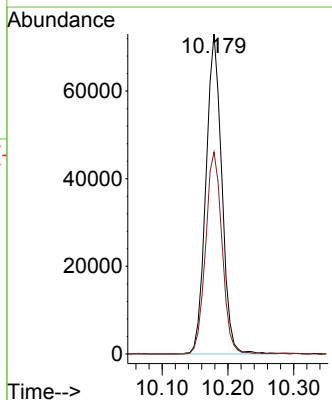
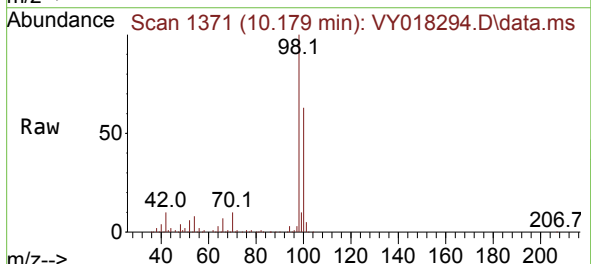


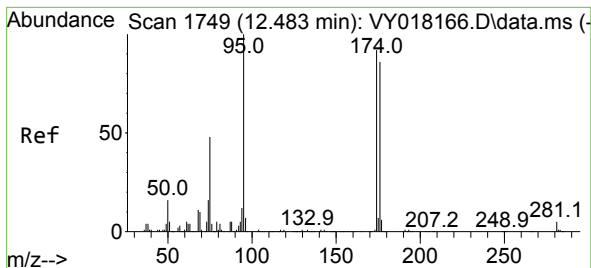
Tgt Ion: 88 Resp: 49
Ion Ratio Lower Upper
88 100
43 163.3 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 52.963 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Tgt Ion: 98 Resp: 122307
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

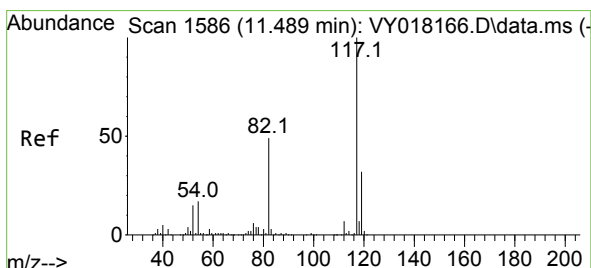
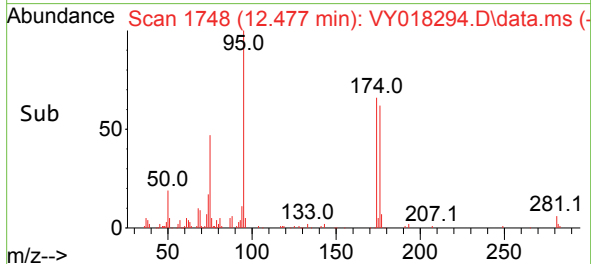
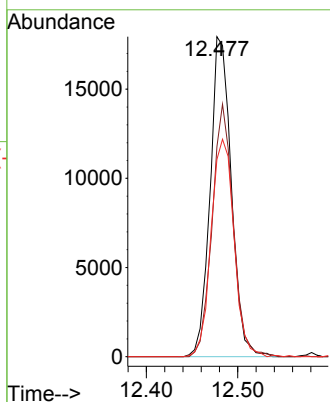
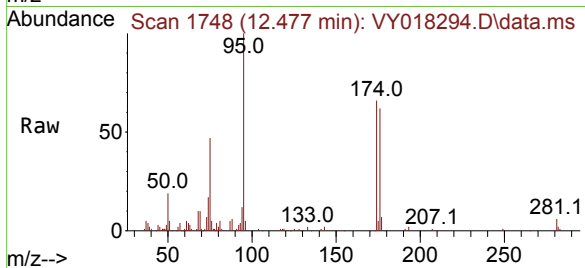




#62
4-Bromofluorobenzene
Concen: 38.637 ug/l
RT: 12.477 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

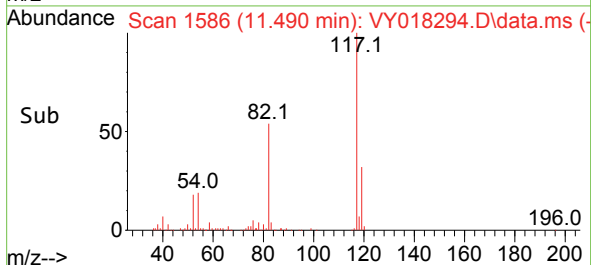
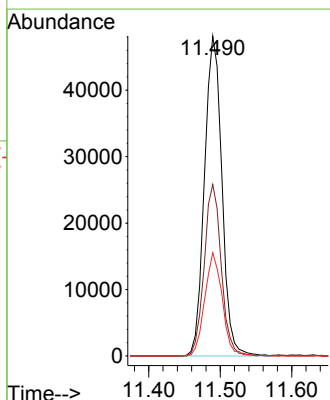
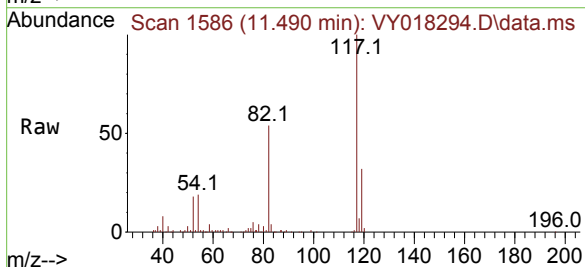
Instrument :
MSVOA_Y
ClientSampleId :
TP-14

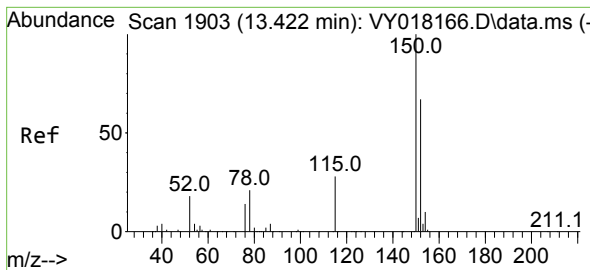
Tgt Ion: 95 Resp: 28814
Ion Ratio Lower Upper
95 100
174 78.7 0.0 175.6
176 73.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018294.D
Acq: 16 May 2024 18:46

Tgt Ion: 117 Resp: 81599
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.3 25.9 38.9

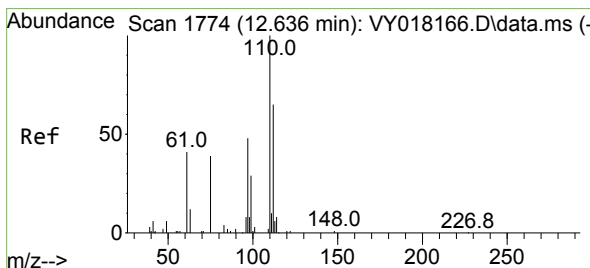
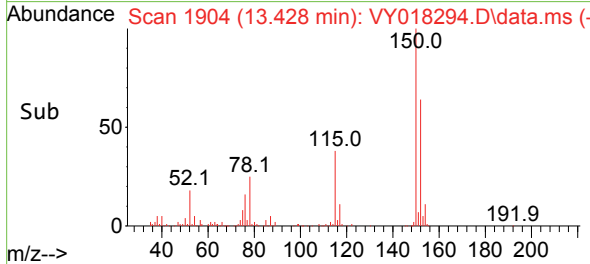
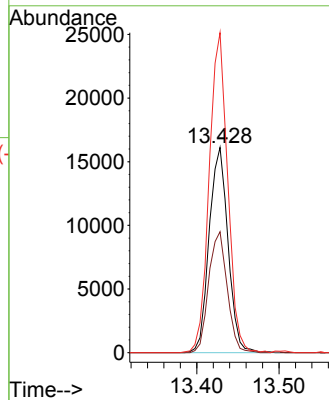
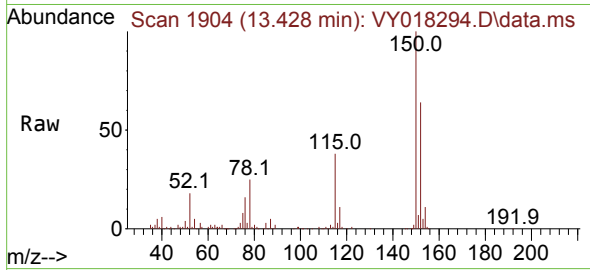




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY018294.D
 Acq: 16 May 2024 18:46

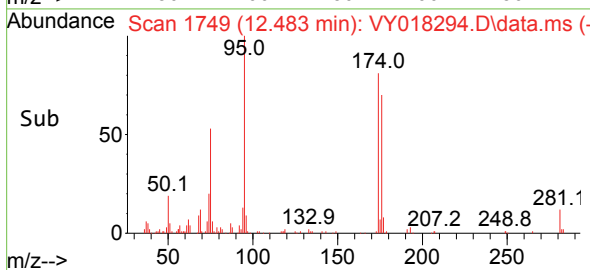
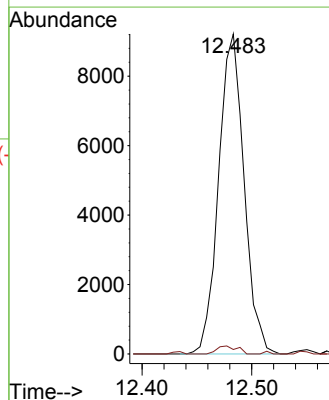
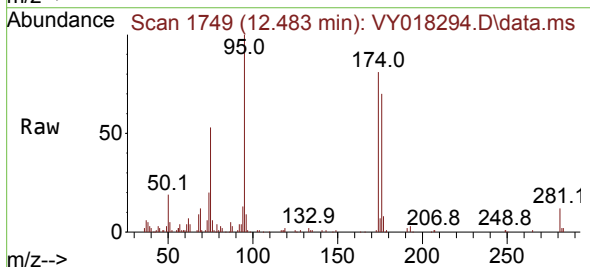
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14

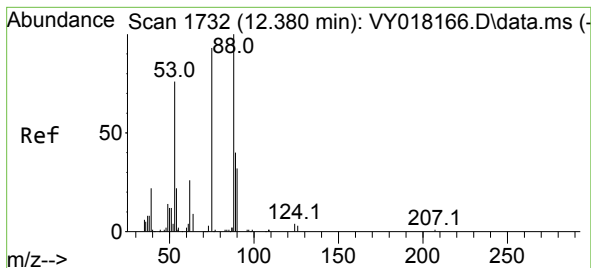
Tgt Ion:152 Resp: 25690
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 152.9 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 72.275 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY018294.D
 Acq: 16 May 2024 18:46

Tgt Ion: 75 Resp: 14862
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#

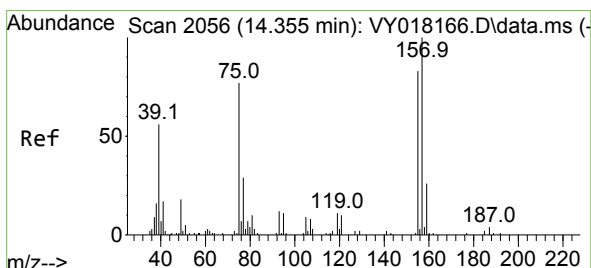
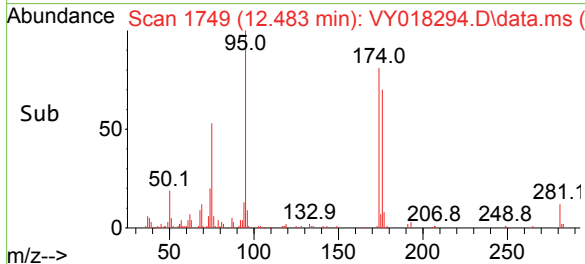
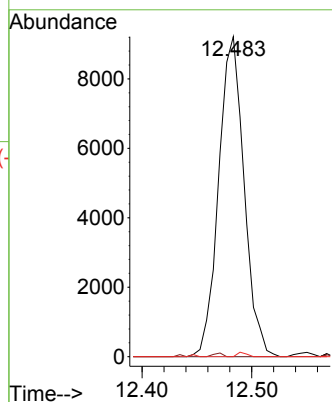
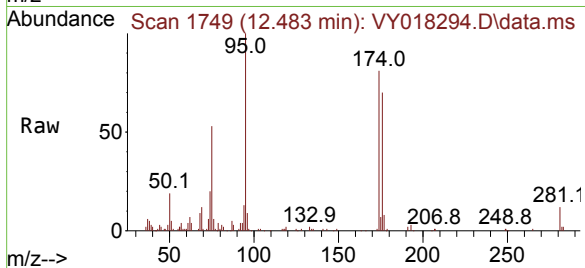




#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.249 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018294.D
 Acq: 16 May 2024 18:46

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-14

Tgt Ion: 75 Resp: 14862
 Ion Ratio Lower Upper
 75 100
 53 0.4 66.8 100.2#
 89 0.5 35.8 53.6#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.171 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY018294.D
 Acq: 16 May 2024 18:46

Tgt Ion: 75 Resp: 49
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#

