

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018311.D
 Acq On : 17 May 2024 16:22
 Operator : SY/MD
 Sample : P2513-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15

Quant Time: May 18 00:52:09 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)

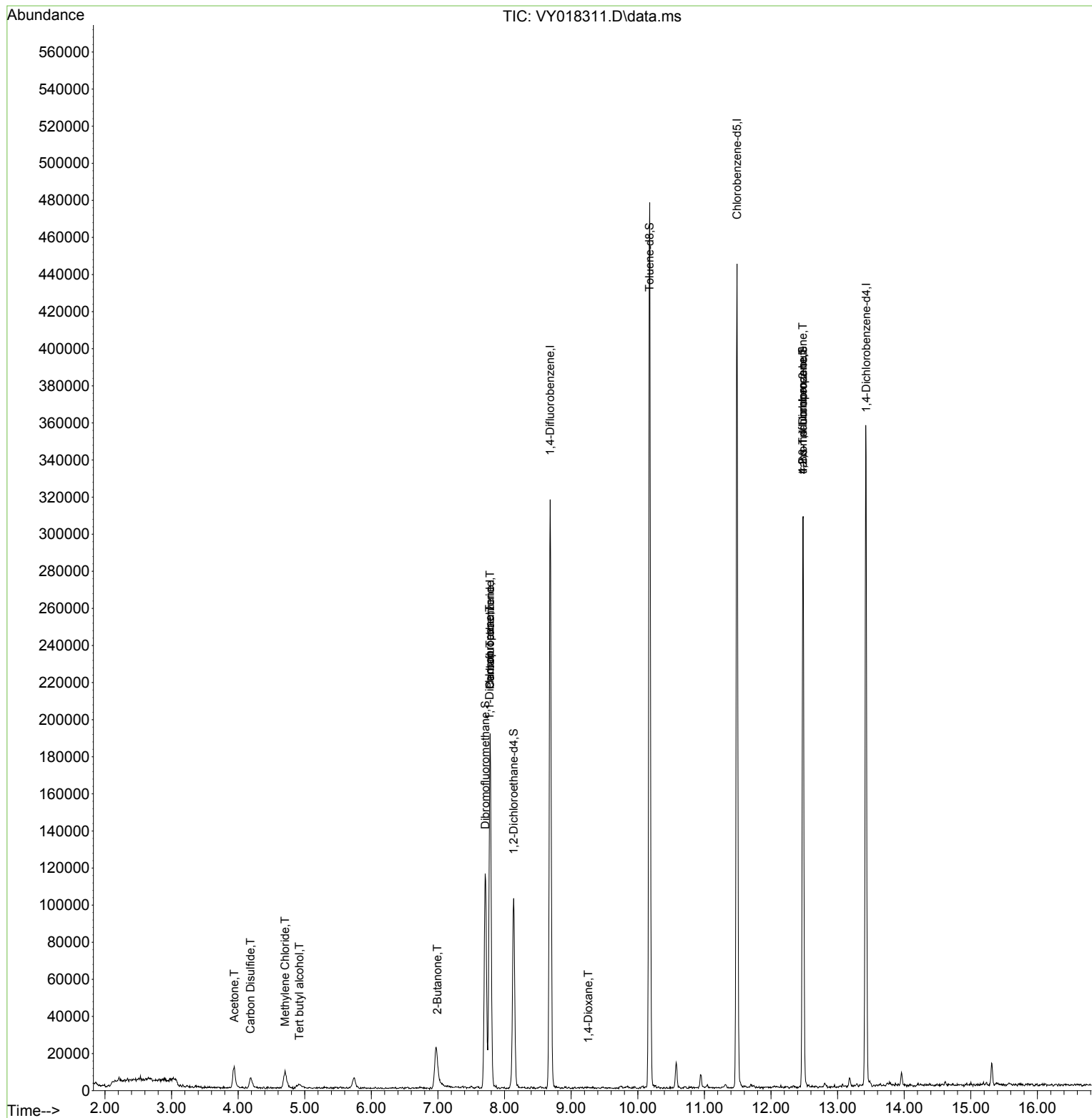
Internal Standards						
1) Pentafluorobenzene	7.783	168	143996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	280294	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92816	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	74371	70.205	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 140.420%			
35) Dibromofluoromethane	7.710	113	84486	57.354	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.700%			
50) Toluene-d8	10.179	98	320800	55.264	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 110.520%			
62) 4-Bromofluorobenzene	12.477	95	96425	51.437	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.880%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.918	59	2651	17.460	ug/l #	88
13) Acrolein	3.704	56	22	Below Cal	#	1
16) Acetone	3.942	43	19339	91.480	ug/l	97
17) Carbon Disulfide	4.186	76	5554	1.465	ug/l #	92
20) Methylene Chloride	4.704	84	7074	4.734	ug/l #	87
25) 2-Butanone	6.990	43	2669	7.898	ug/l #	80
31) Cyclohexane	7.783	56	3308	Below Cal	#	37
36) 1,1-Dichloropropene	7.777	75	11461	5.427	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14572	6.315	ug/l #	16
49) 1,4-Dioxane	9.258	88	55	4.853	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	48347	65.076	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	48347	125.379	ug/l #	16

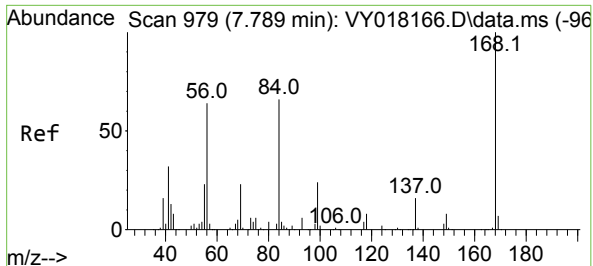
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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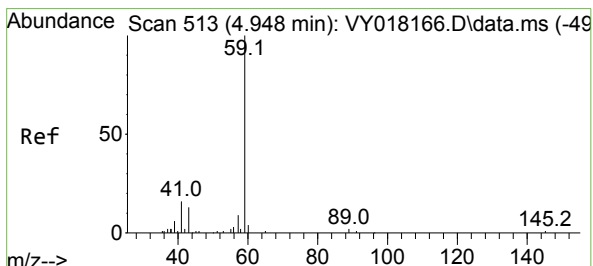
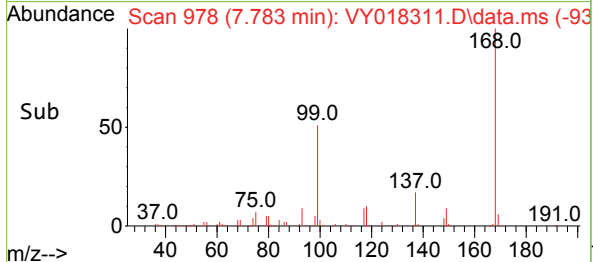
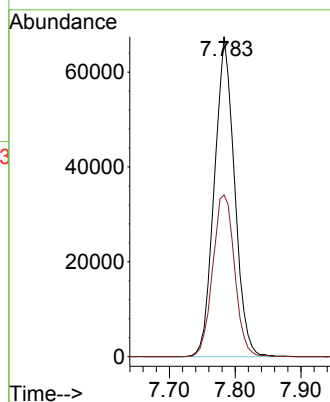
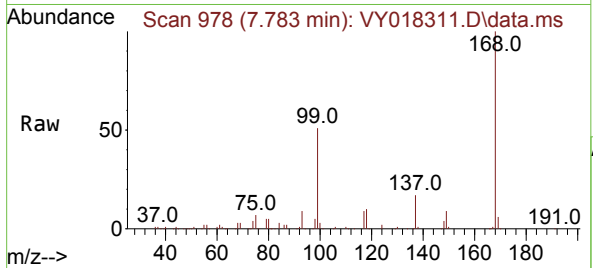




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

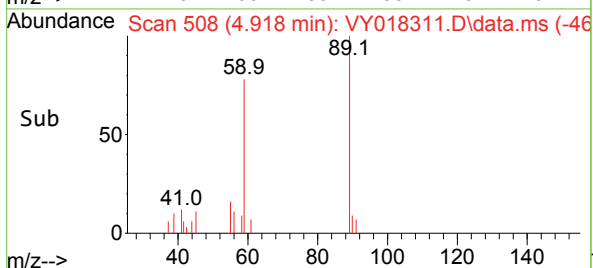
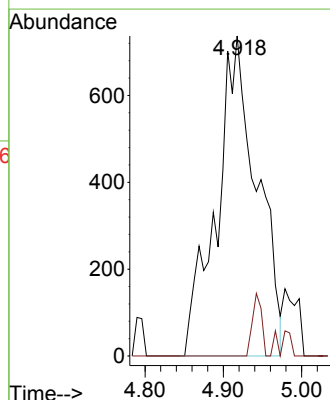
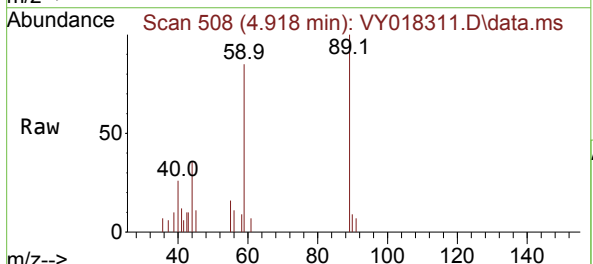
Instrument :
MSVOA_Y
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TP-15

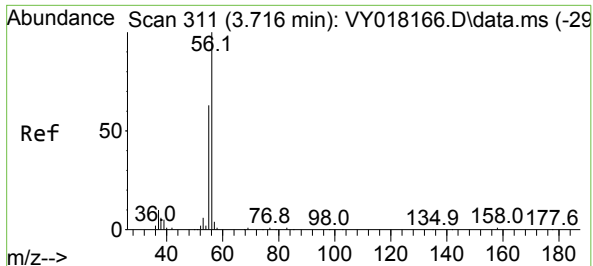
Tgt Ion:168 Resp: 143996
Ion Ratio Lower Upper
168 100
99 50.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 17.460 ug/l
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

Tgt Ion: 59 Resp: 2651
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

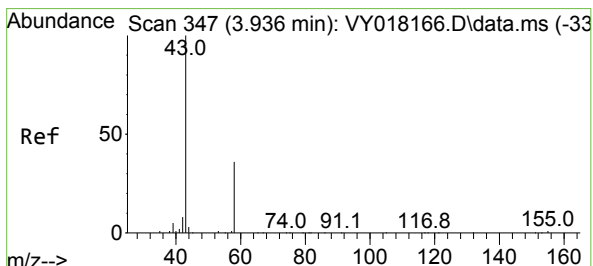
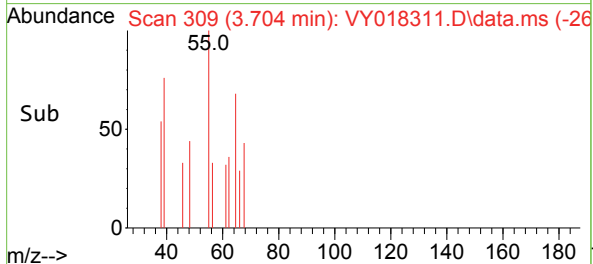
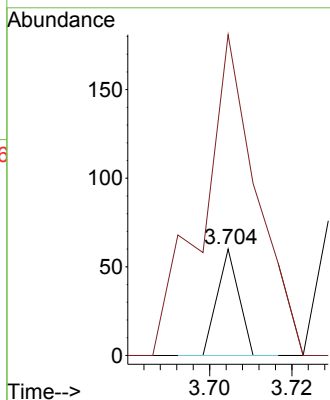
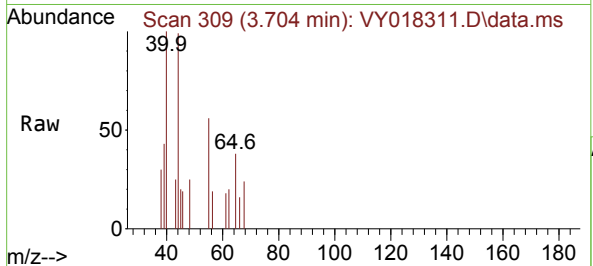




#13
Acrolein
Concen: Below Cal
RT: 3.704 min Scan# 309
Delta R.T. -0.012 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

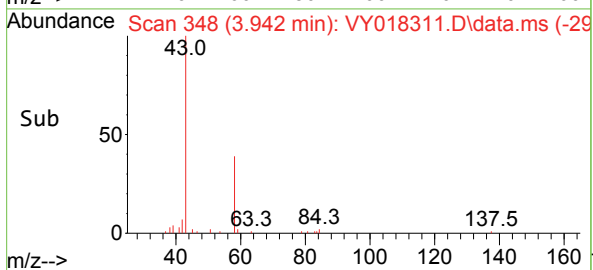
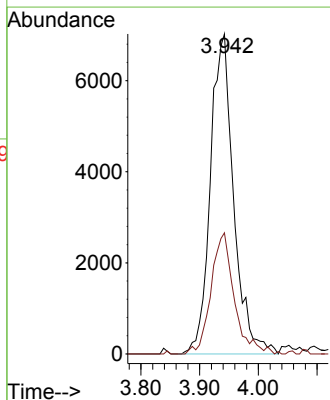
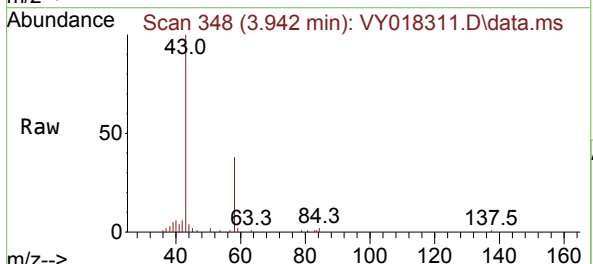
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

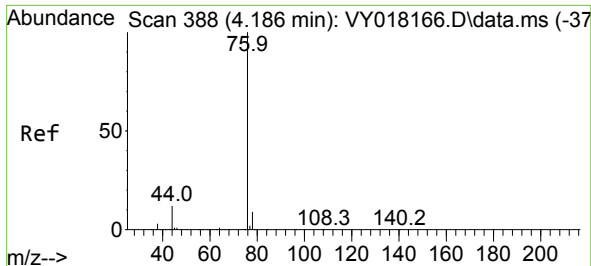
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 759.1 55.7 83.5#



#16
Acetone
Concen: 91.480 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

Tgt Ion: 43 Resp: 19339
Ion Ratio Lower Upper
43 100
58 37.9 31.7 47.5





#17

Carbon Disulfide

Concen: 1.465 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY018311.D

Acq: 17 May 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

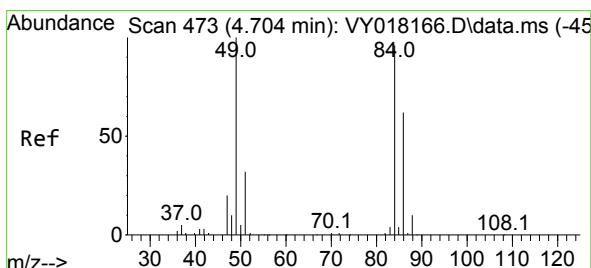
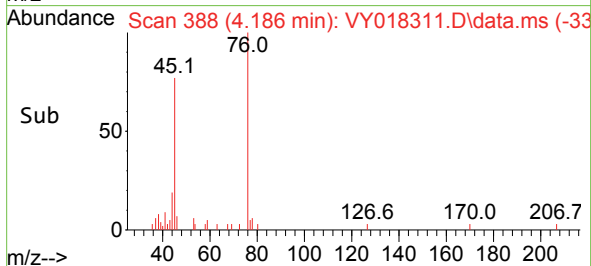
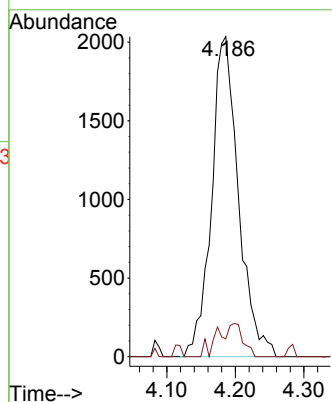
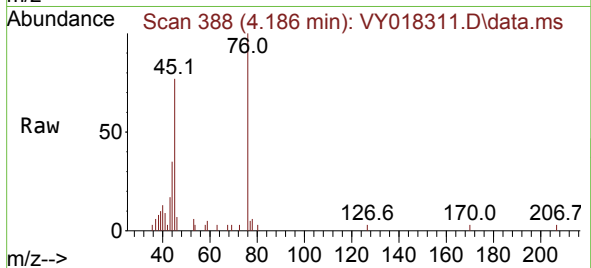
TP-15

Tgt Ion: 76 Resp: 5554

Ion Ratio Lower Upper

76 100

78 5.6 6.8 10.2#



#20

Methylene Chloride

Concen: 4.734 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018311.D

Acq: 17 May 2024 16:22

Tgt Ion: 84 Resp: 7074

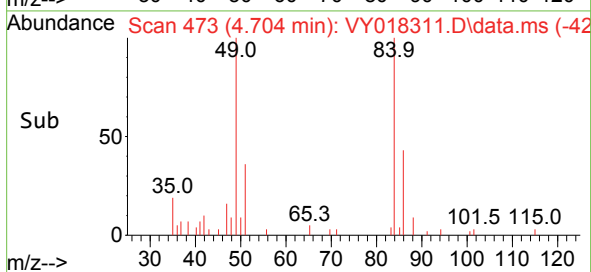
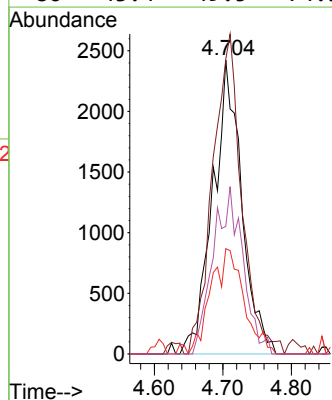
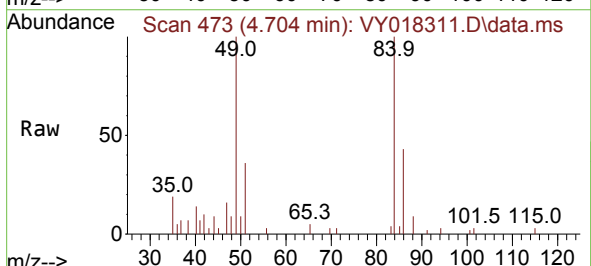
Ion Ratio Lower Upper

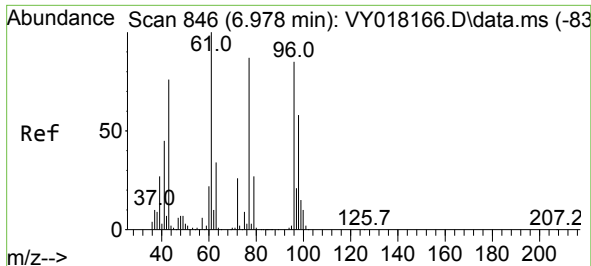
84 100

49 96.6 84.4 126.6

51 35.8 26.0 39.0

86 43.4 49.5 74.3#

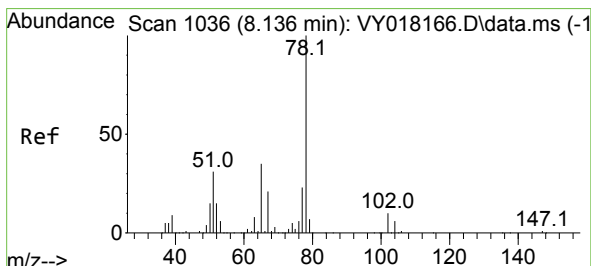
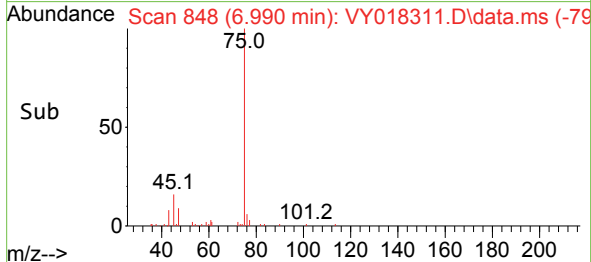
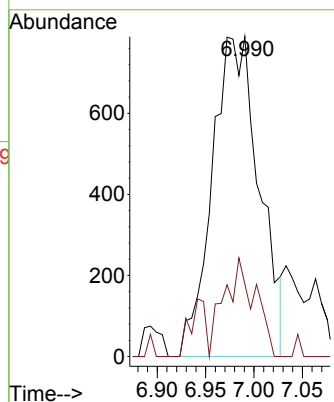
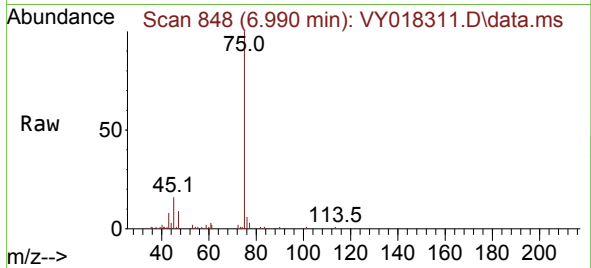




#25
2-Butanone
Concen: 7.898 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

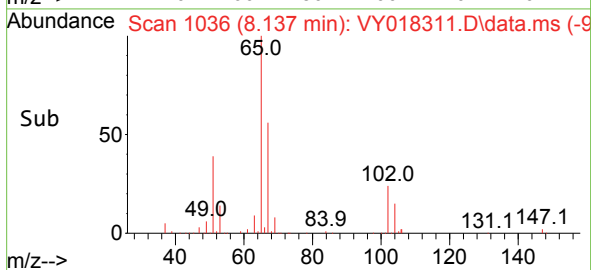
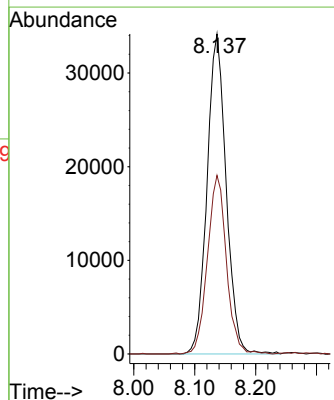
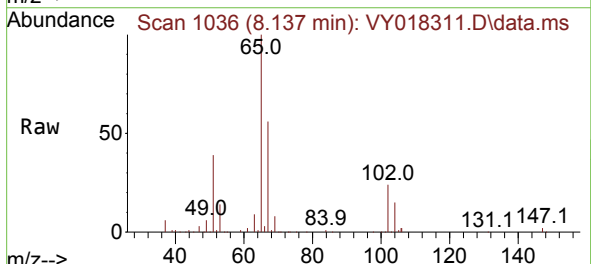
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

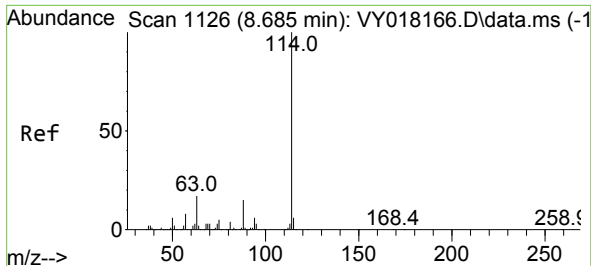
Tgt Ion: 43 Resp: 2669
Ion Ratio Lower Upper
43 100
72 22.7 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 70.205 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

Tgt Ion: 65 Resp: 74371
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

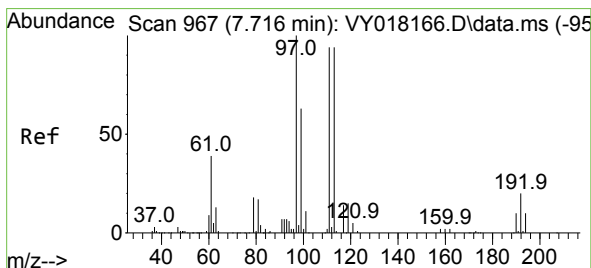
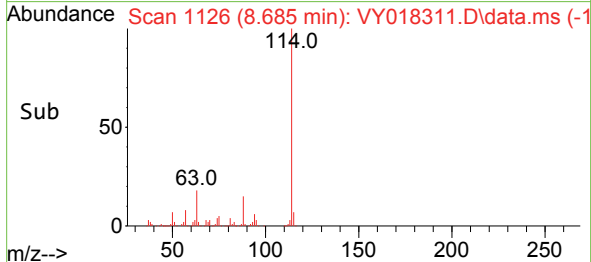
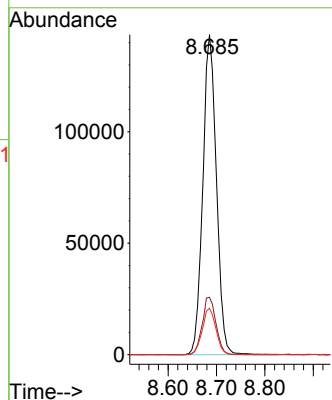
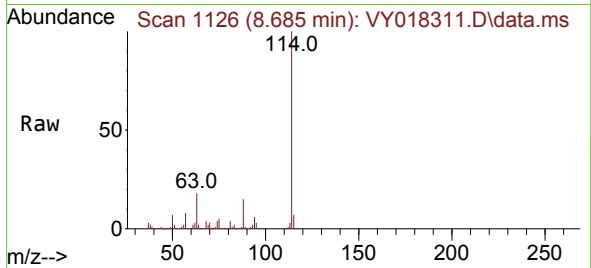




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

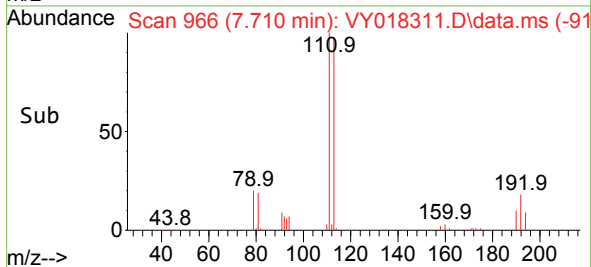
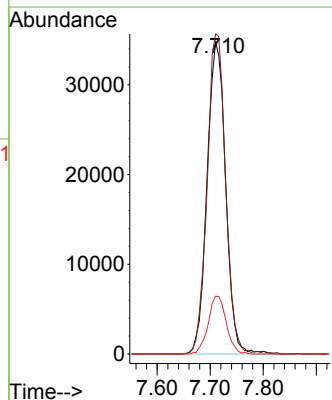
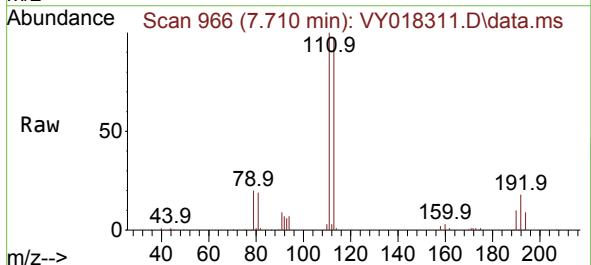
Instrument :
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ClientSampleId :
TP-15

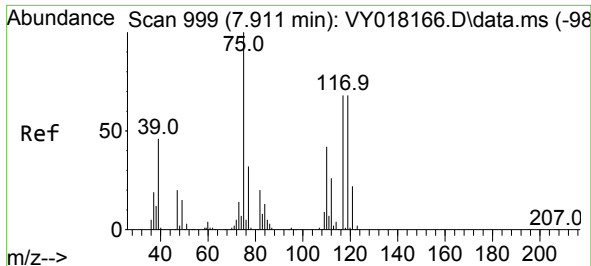
Tgt Ion:114 Resp: 280294
Ion Ratio Lower Upper
114 100
63 17.9 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.354 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

Tgt Ion:113 Resp: 84486
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.4
192 18.1 15.9 23.9

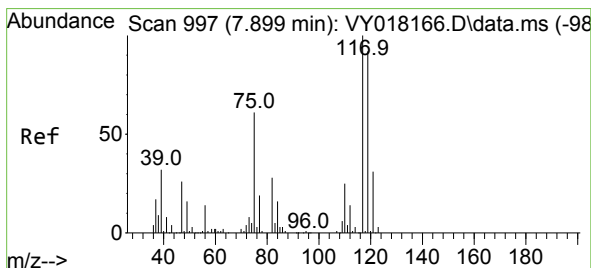
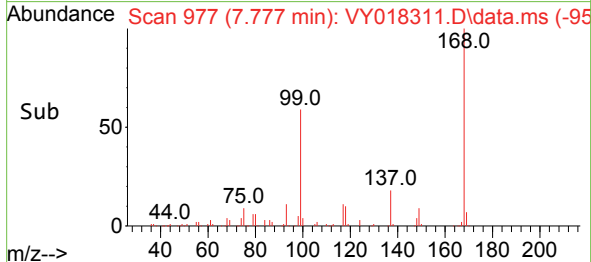
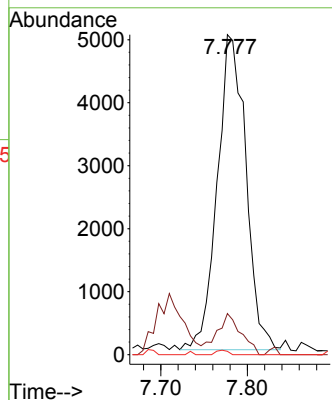
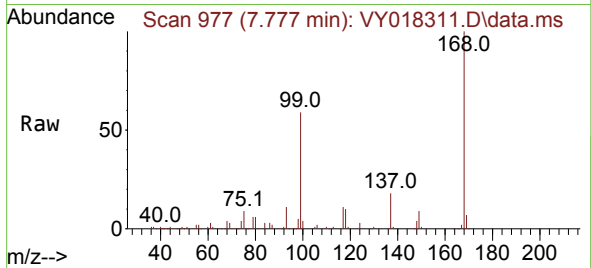




#36
 1,1-Dichloropropene
 Concen: 5.427 ug/l
 RT: 7.777 min Scan# 911
 Delta R.T. -0.134 min
 Lab File: VY018311.D
 Acq: 17 May 2024 16:22

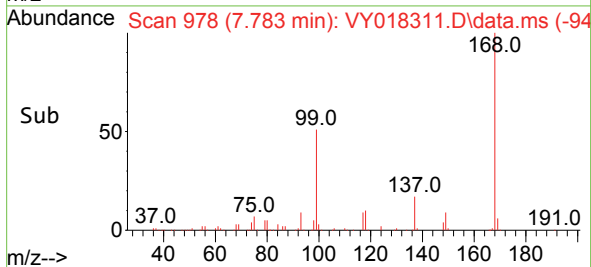
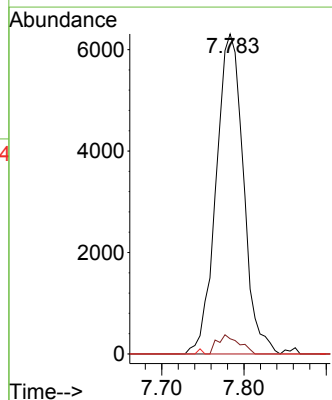
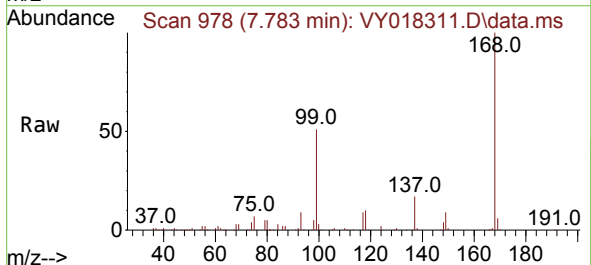
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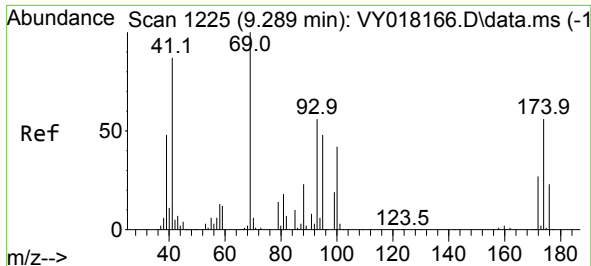
Tgt Ion: 75 Resp: 11461
 Ion Ratio Lower Upper
 75 100
 110 11.1 19.0 57.0#
 77 0.6 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.315 ug/l
 RT: 7.783 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY018311.D
 Acq: 17 May 2024 16:22

Tgt Ion: 117 Resp: 14572
 Ion Ratio Lower Upper
 117 100
 119 4.8 75.8 113.6#
 121 0.0 24.0 36.0#

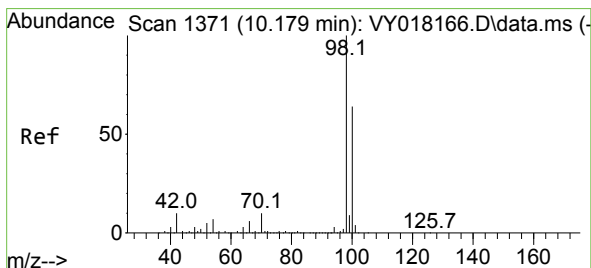
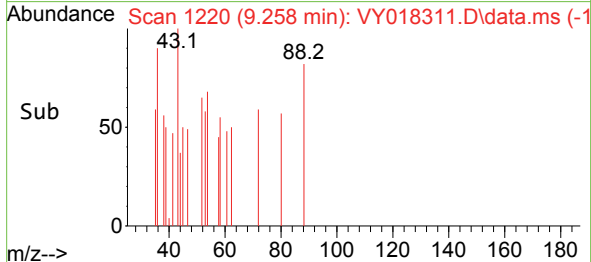
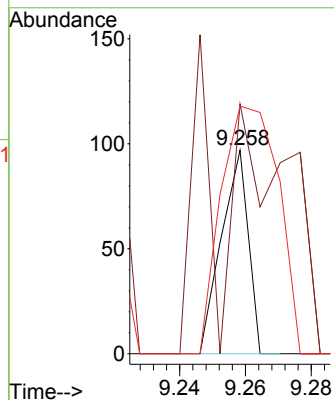
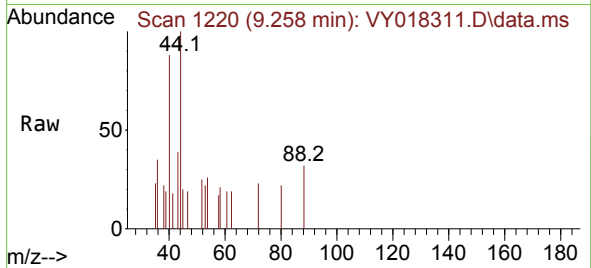




#49
1,4-Dioxane
Concen: 4.853 ug/l
RT: 9.258 min Scan# 11
Delta R.T. -0.030 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

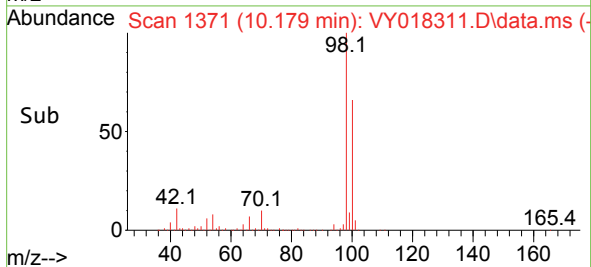
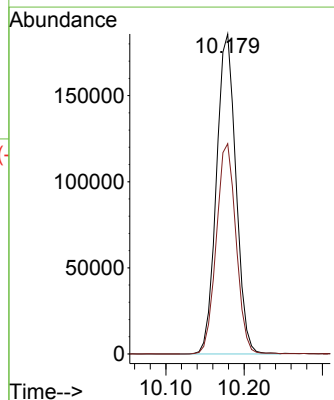
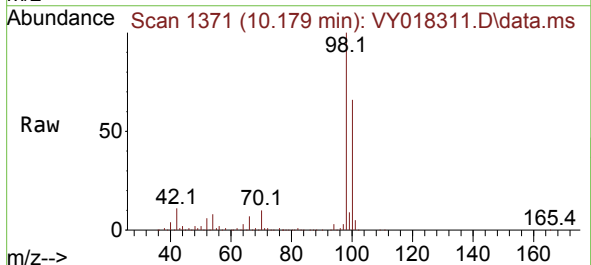
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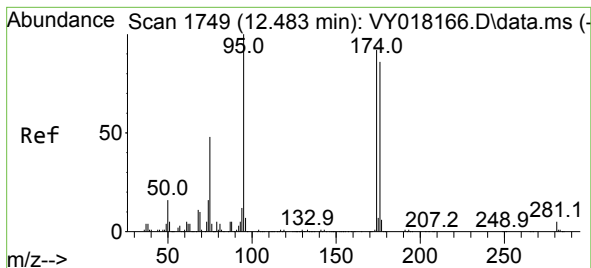
Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 249.1 0.0 0.0#
58 260.0 49.3 73.9#



#50
Toluene-d8
Concen: 55.264 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

Tgt Ion: 98 Resp: 320800
Ion Ratio Lower Upper
98 100
100 66.6 52.0 78.0

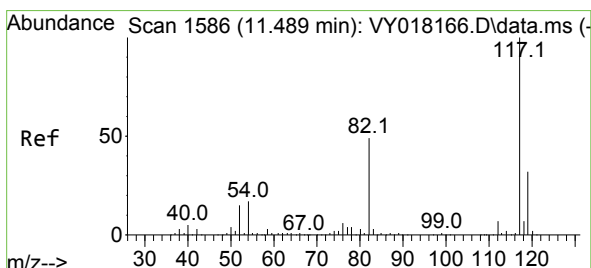
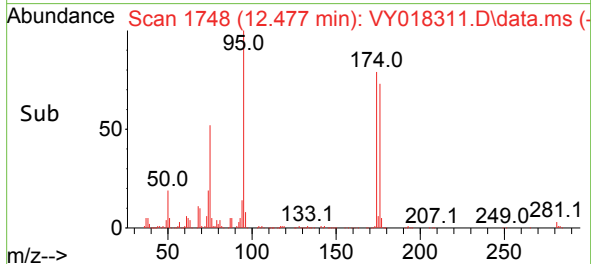
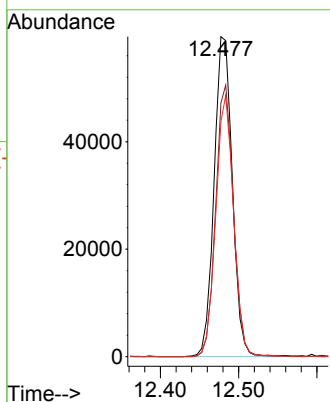
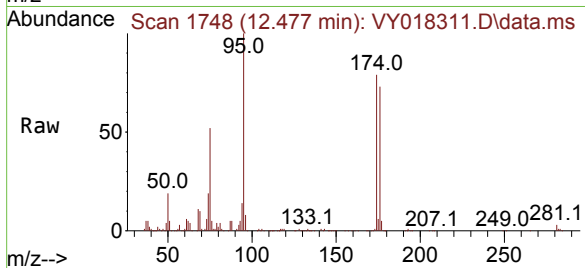




#62
4-Bromofluorobenzene
Concen: 51.437 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

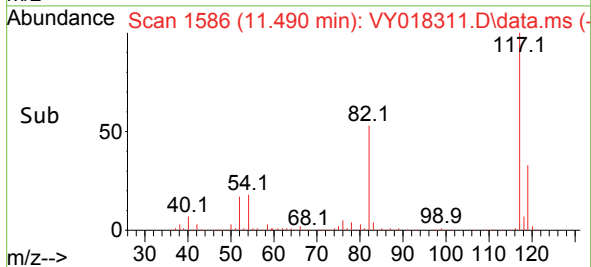
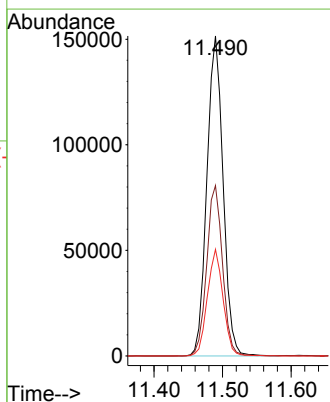
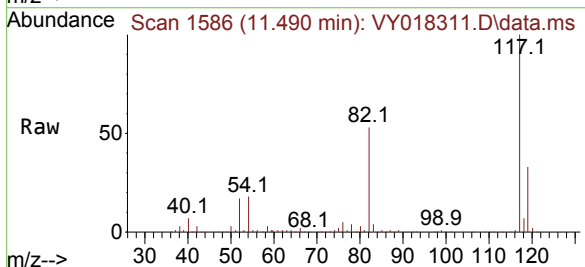
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

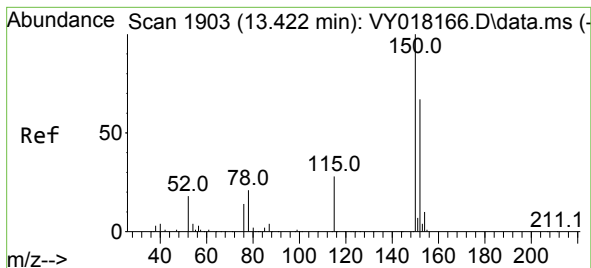
Tgt Ion: 95 Resp: 96425
Ion Ratio Lower Upper
95 100
174 82.8 0.0 175.6
176 79.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

Tgt Ion: 117 Resp: 249227
Ion Ratio Lower Upper
117 100
82 53.2 42.4 63.6
119 33.3 25.9 38.9

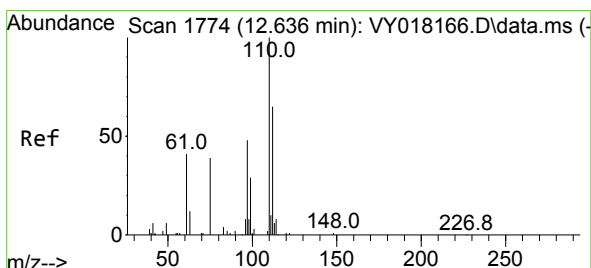
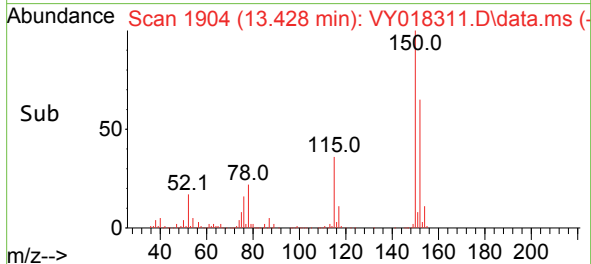
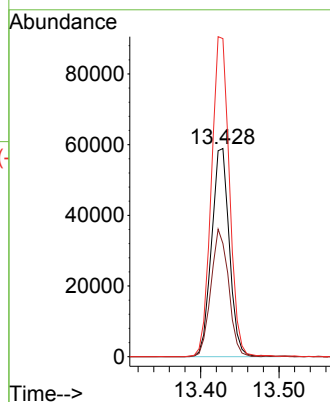
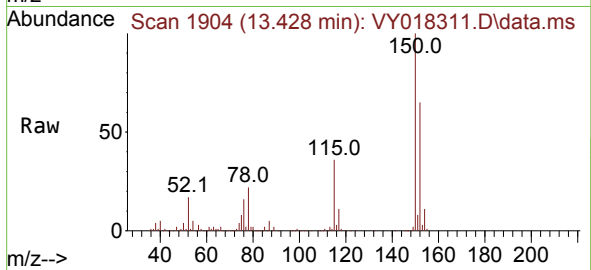




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

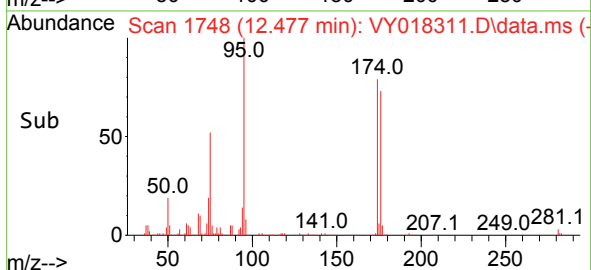
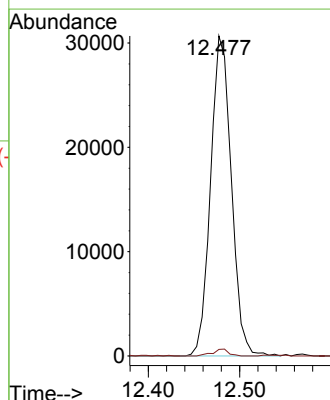
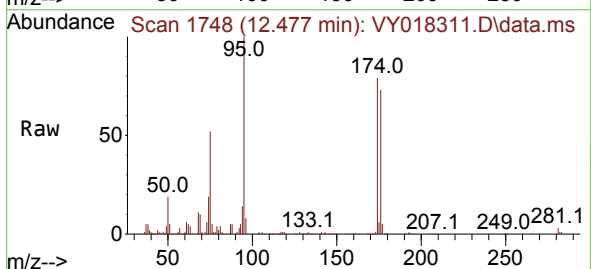
Instrument :
MSVOA_Y
ClientSampleId :
TP-15

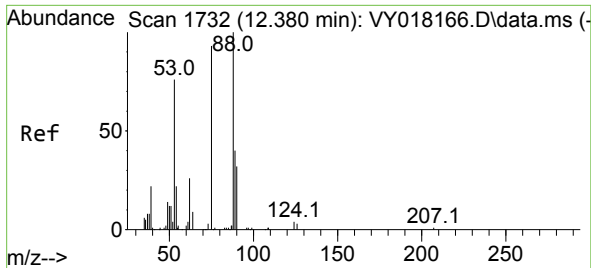
Tgt Ion:152 Resp: 92816
Ion Ratio Lower Upper
152 100
115 60.6 28.2 84.7
150 155.9 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 65.076 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY018311.D
Acq: 17 May 2024 16:22

Tgt Ion: 75 Resp: 48347
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.379 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018311.D
 Acq: 17 May 2024 16:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-15

Tgt Ion: 75 Resp: 48347
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

