

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031224\
 Data File : VY017639.D
 Acq On : 12 Mar 2024 13:22
 Operator : SY/MD
 Sample : VY0312SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBL02

Quant Time: Mar 13 04:08:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

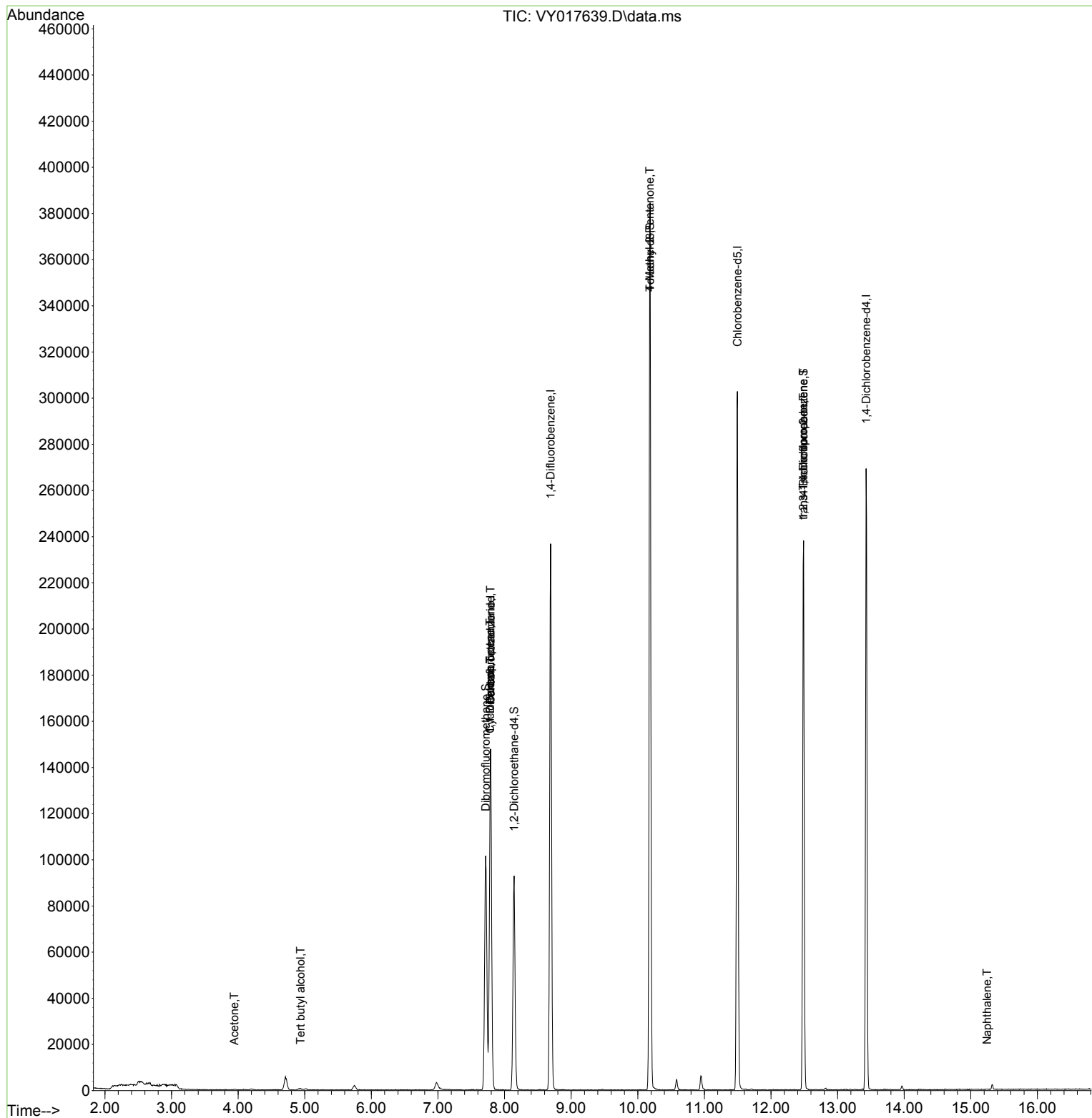
Internal Standards						
1) Pentafluorobenzene	7.789	168	119177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	209373	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	177918	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	66647	59.007	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.020%	
35) Dibromofluoromethane	7.716	113	72788	49.890	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.780%	
50) Toluene-d8	10.185	98	259470	50.865	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.740%	
62) 4-Bromofluorobenzene	12.489	95	70544	44.003	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	892	9.297	ug/l #	88
16) Acetone	3.942	43	378	1.725	ug/l	90
20) Methylene Chloride	4.710	84	4353	Below Cal		97
31) Cyclohexane	7.783	56	2483	1.351	ug/l #	21
36) 1,1-Dichloropropene	7.783	75	8962	4.553	ug/l #	47
38) Carbon Tetrachloride	7.789	117	11316	5.736	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	996	1.308	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	36683	55.293	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36683	127.052	ug/l #	16
95) Naphthalene	15.245	128	271	4.029	ug/l #	69

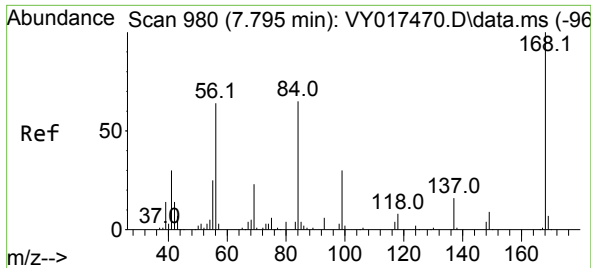
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031224\
Data File : VY017639.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL02

Quant Time: Mar 13 04:08:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
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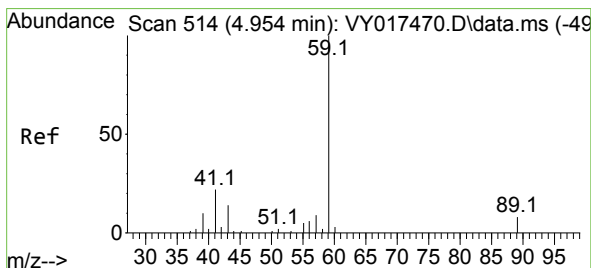
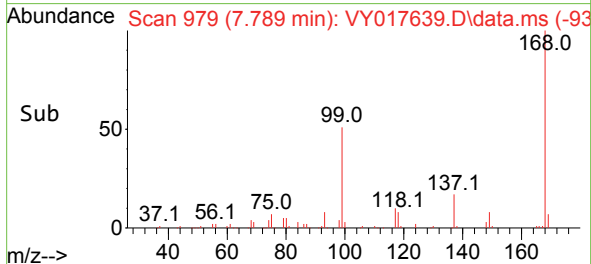
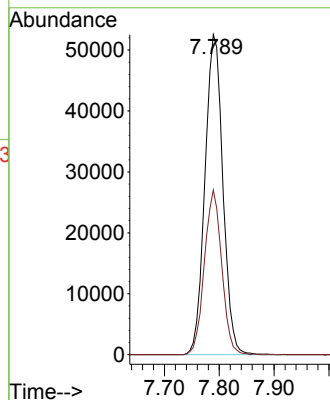
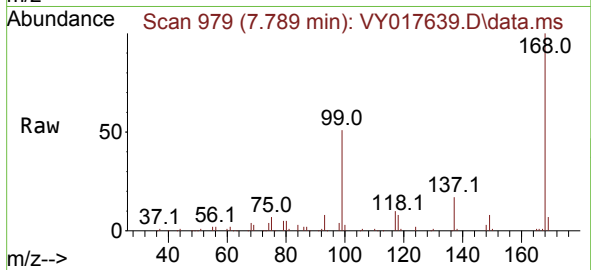




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

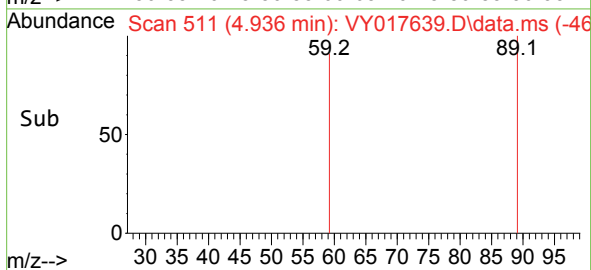
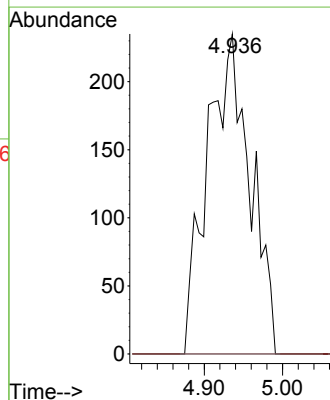
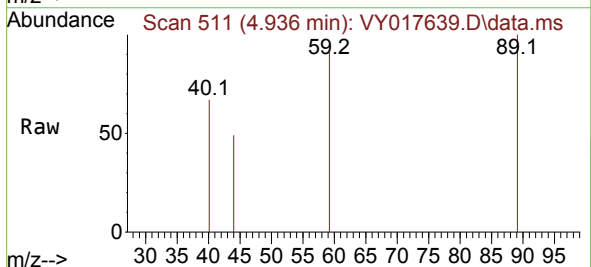
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL02

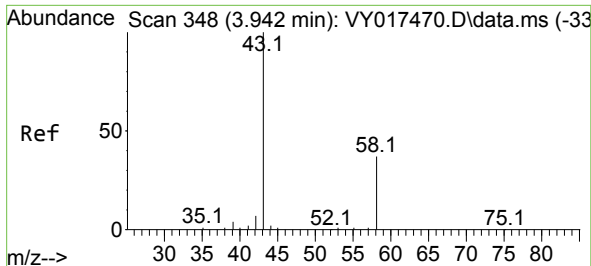
Tgt Ion:168 Resp: 119177
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 9.297 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

Tgt Ion: 59 Resp: 892
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

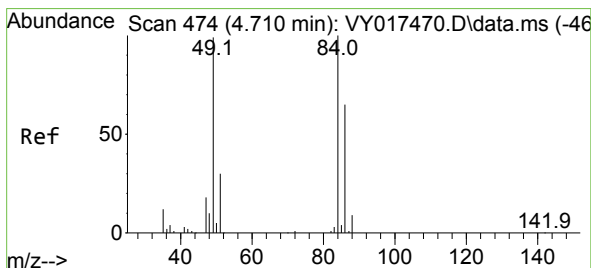
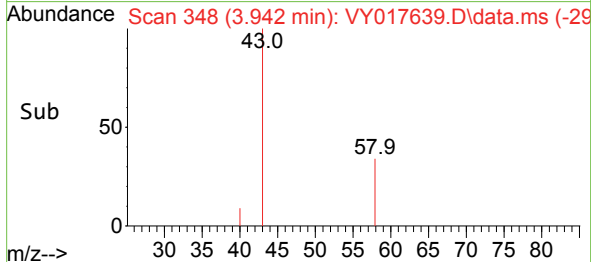
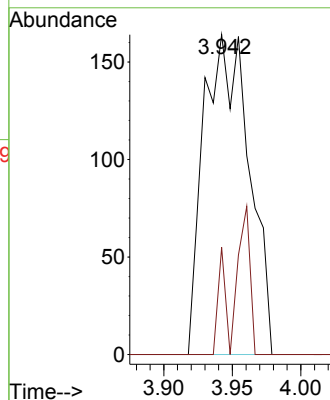
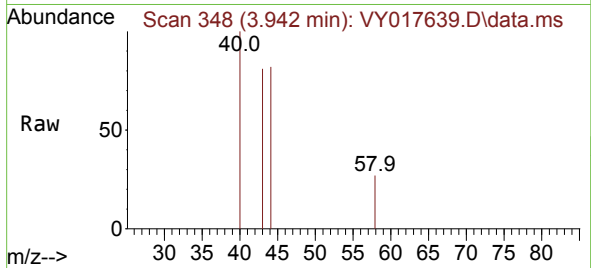




#16
Acetone
Concen: 1.725 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

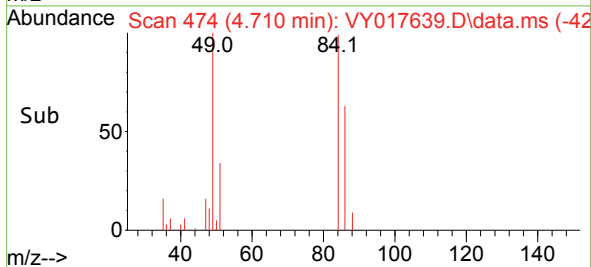
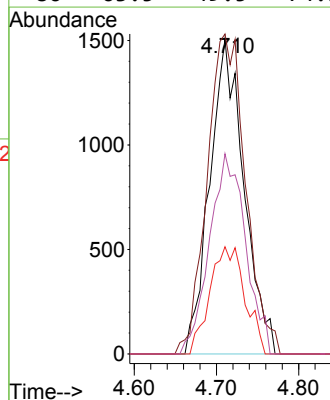
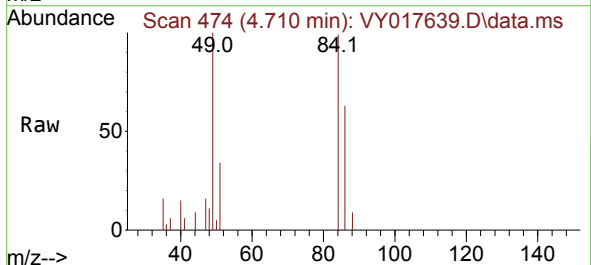
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL02

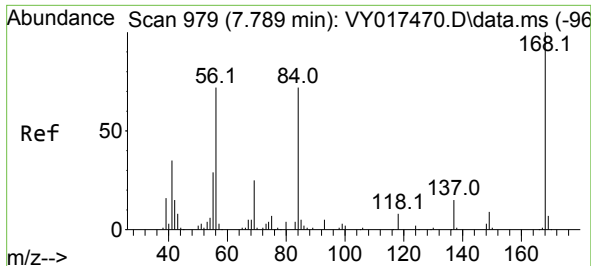
Tgt Ion: 43 Resp: 378
Ion Ratio Lower Upper
43 100
58 33.5 31.7 47.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

Tgt Ion: 84 Resp: 4353
Ion Ratio Lower Upper
84 100
49 101.5 84.4 126.6
51 34.0 26.0 39.0
86 63.5 49.5 74.3

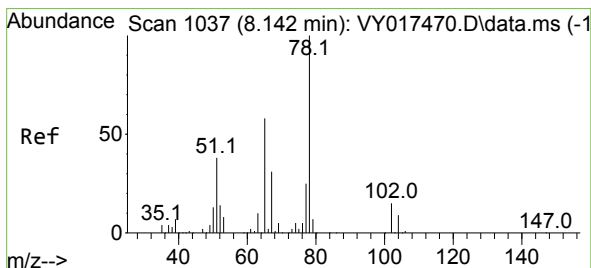
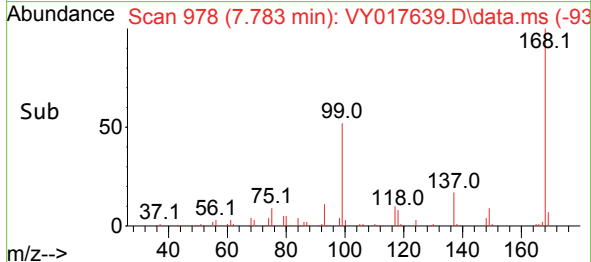
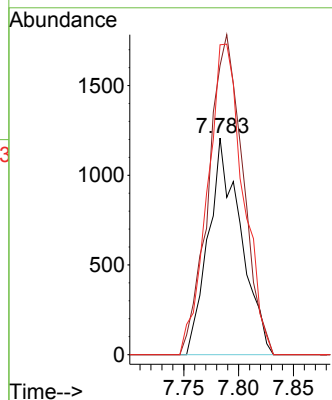
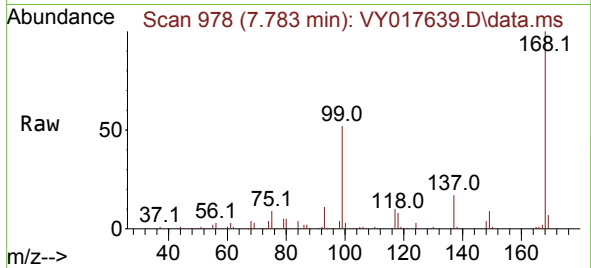




#31
Cyclohexane
Concen: 1.351 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

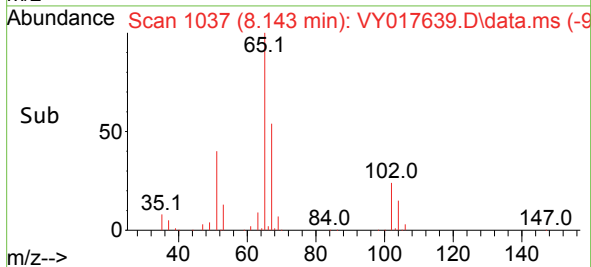
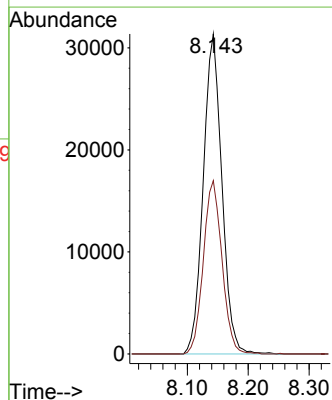
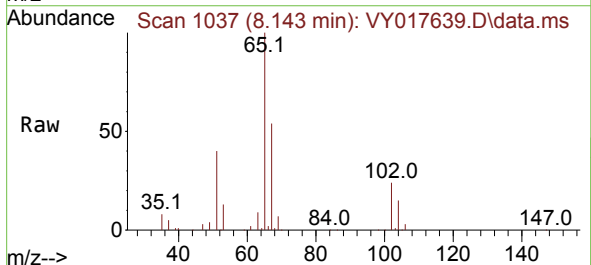
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL02

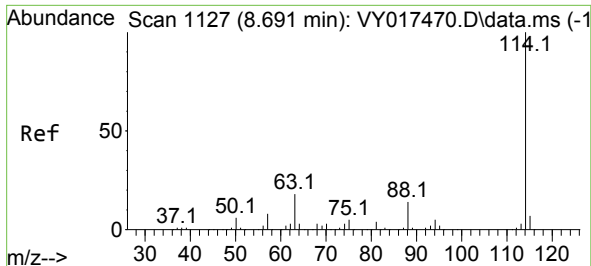
Tgt Ion: 56 Resp: 2483
Ion Ratio Lower Upper
56 100
69 133.4 28.7 43.1#
84 143.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 59.007 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

Tgt Ion: 65 Resp: 66647
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.6

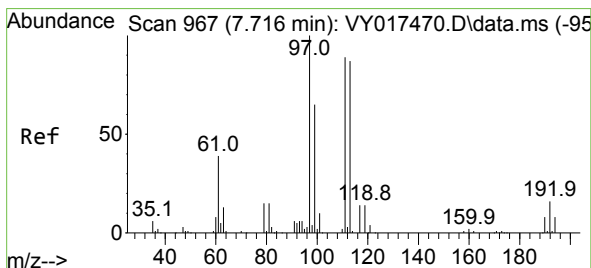
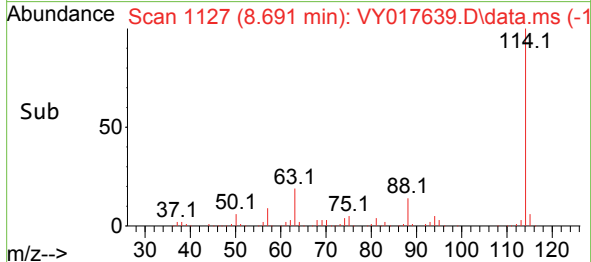
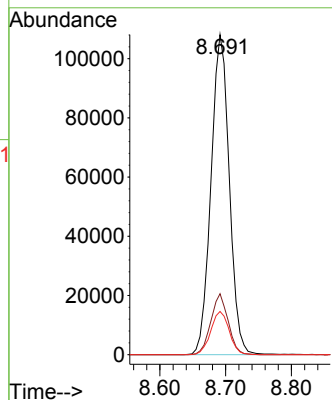
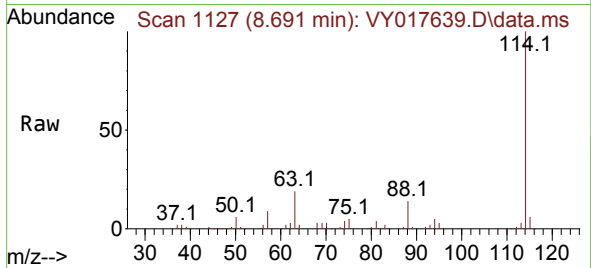




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

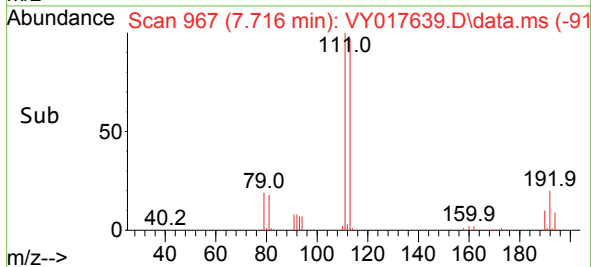
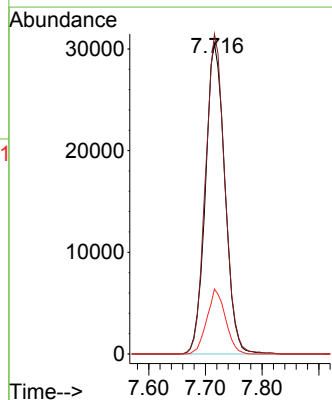
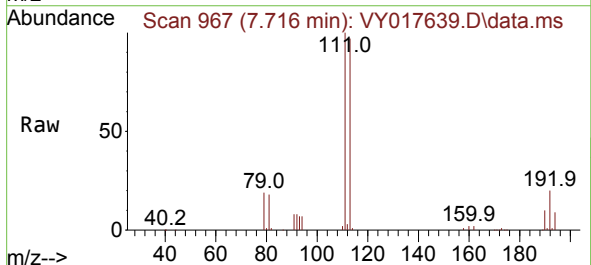
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL02

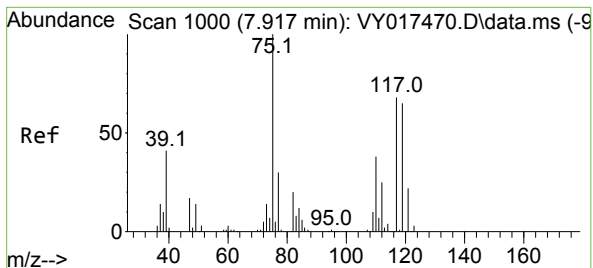
Tgt Ion:114 Resp: 209373
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.0
88 13.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.890 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

Tgt Ion:113 Resp: 72788
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.0 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.553 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY017639.D

Acq: 12 Mar 2024 13:22

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBL02

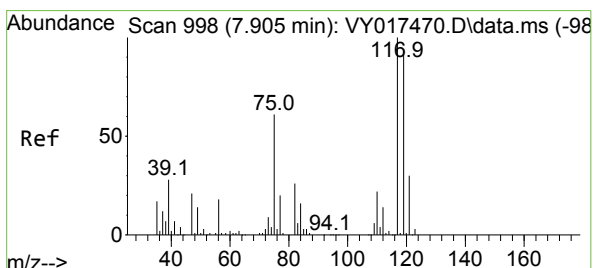
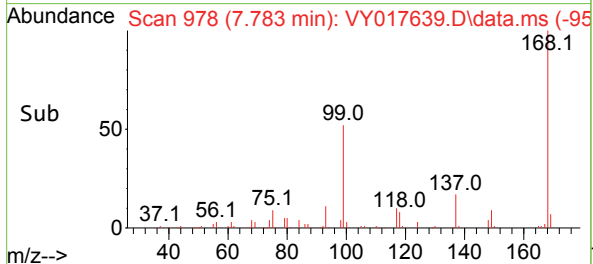
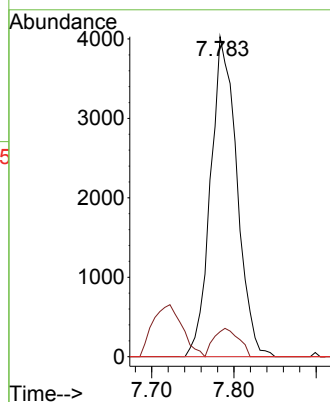
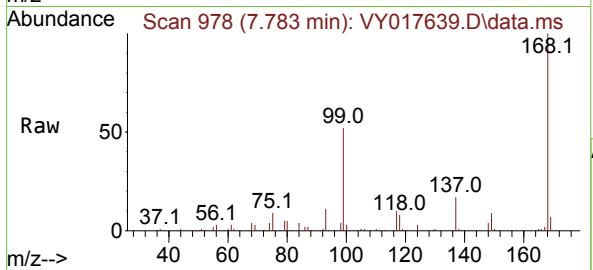
Tgt Ion: 75 Resp: 8962

Ion Ratio Lower Upper

75 100

110 8.3 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.736 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY017639.D

Acq: 12 Mar 2024 13:22

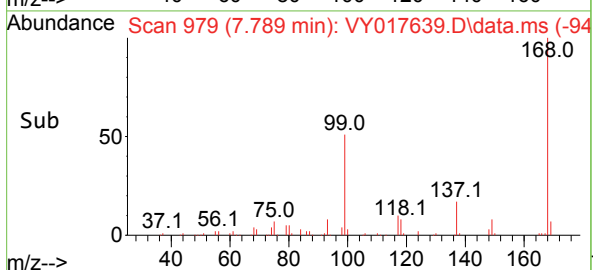
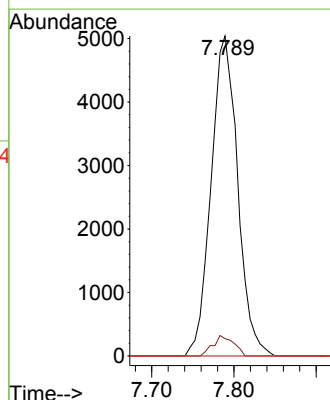
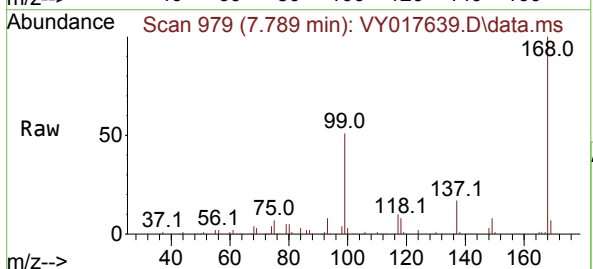
Tgt Ion: 117 Resp: 11316

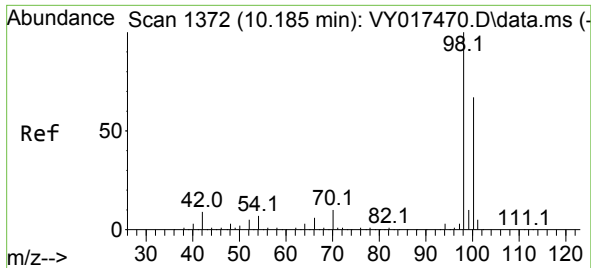
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.6#

121 0.0 24.0 36.0#

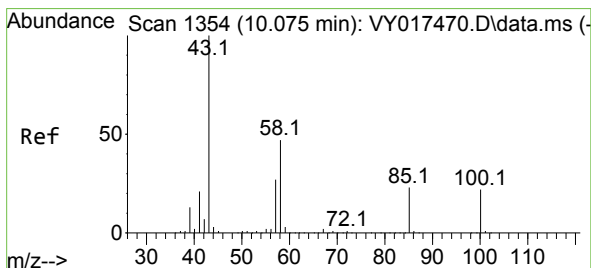
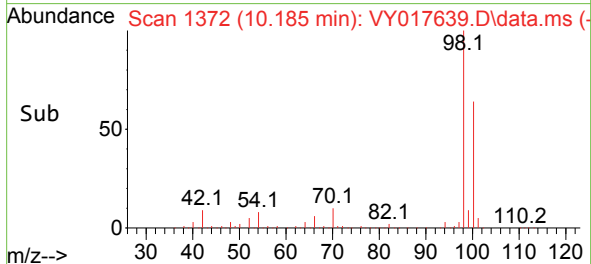
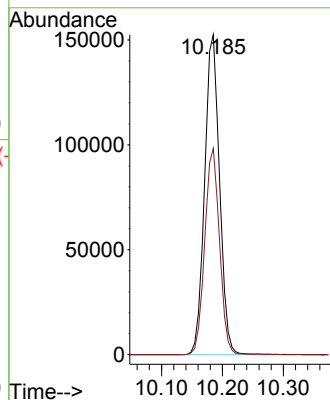
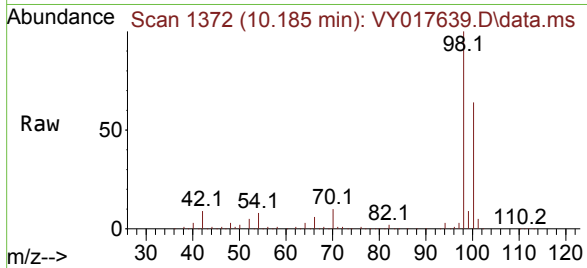




#50
Toluene-d8
Concen: 50.865 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

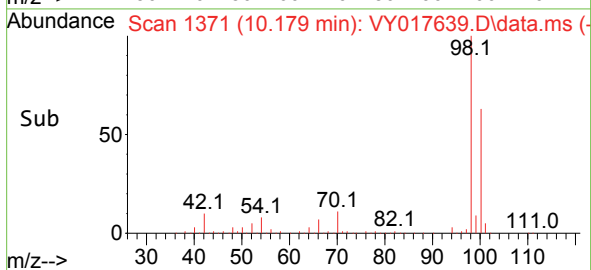
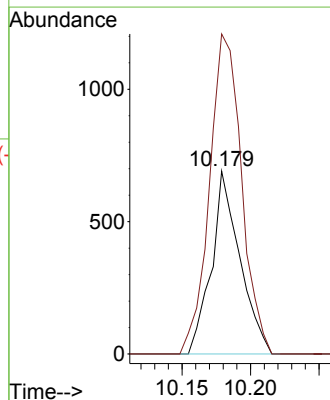
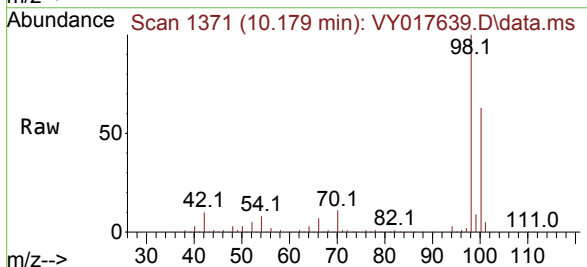
Instrument :
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VY0312SBL02

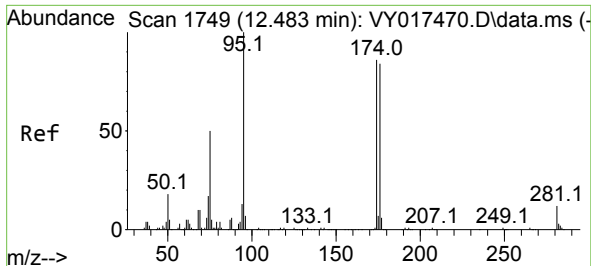
Tgt Ion: 98 Resp: 259470
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.308 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 197.7 35.7 53.5#

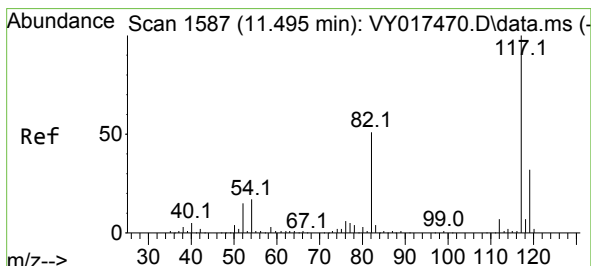
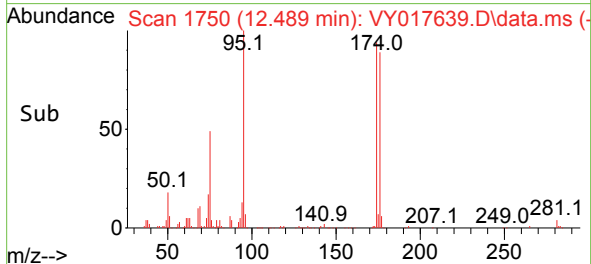
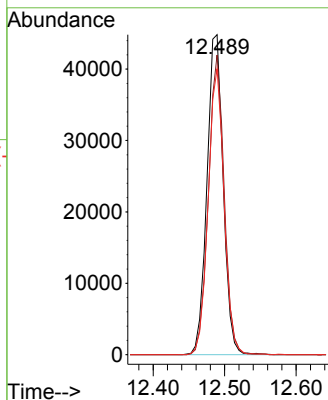
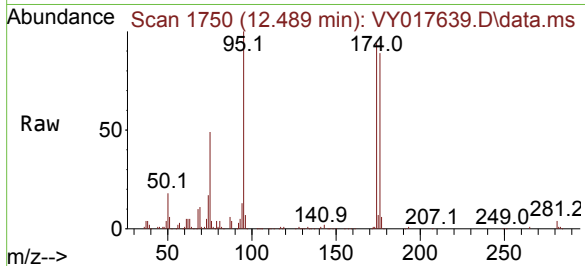




#62
4-Bromofluorobenzene
Concen: 44.003 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

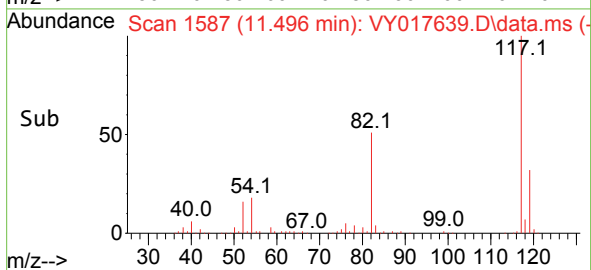
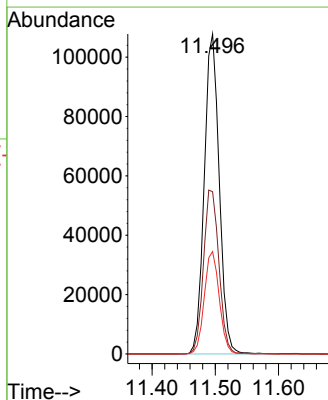
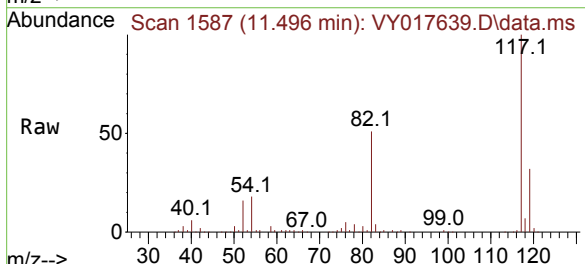
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL02

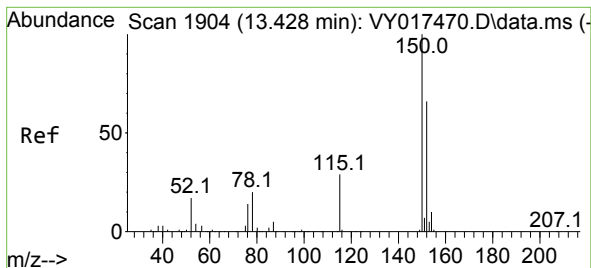
Tgt Ion: 95 Resp: 70544
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.6
176 87.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

Tgt Ion: 117 Resp: 177918
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 32.0 25.9 38.9

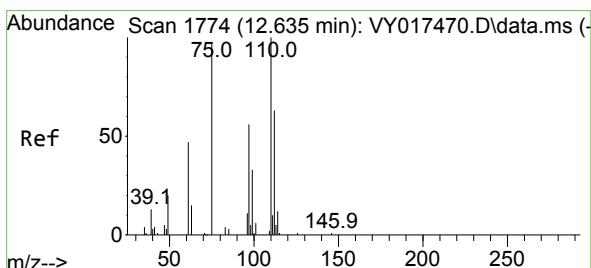
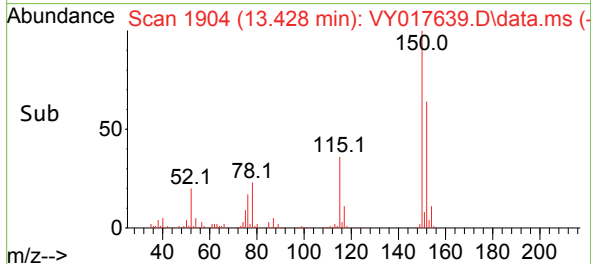
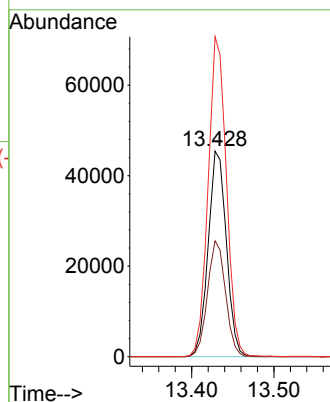
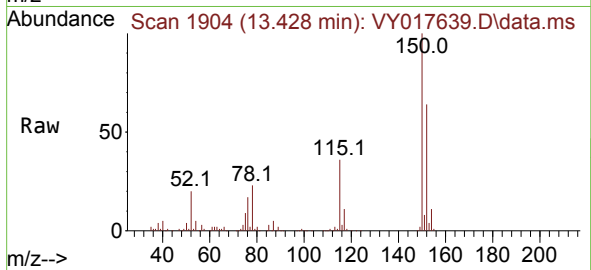




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017639.D
 Acq: 12 Mar 2024 13:22

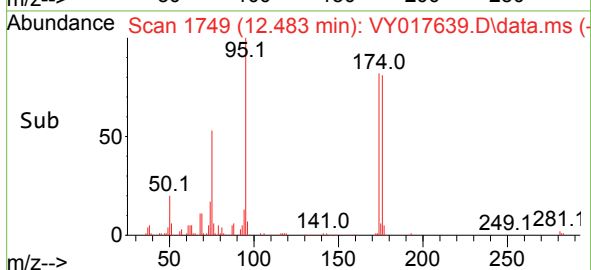
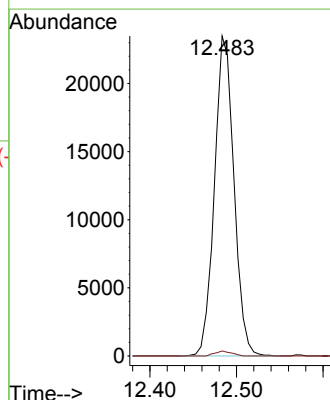
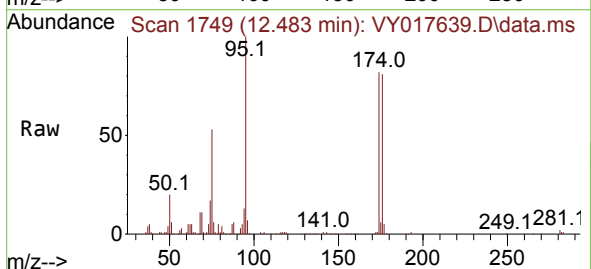
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 MSVOA_Y
 ClientSampleId :
 VY0312SBL02

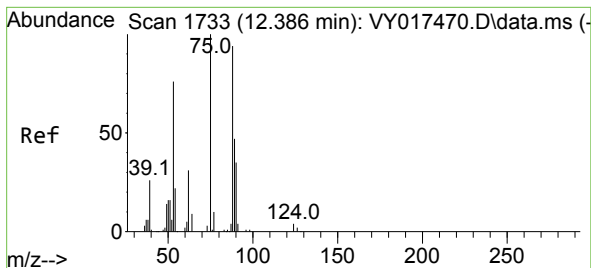
Tgt Ion:152 Resp: 69823
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 156.0 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 55.293 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017639.D
 Acq: 12 Mar 2024 13:22

Tgt Ion: 75 Resp: 36683
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

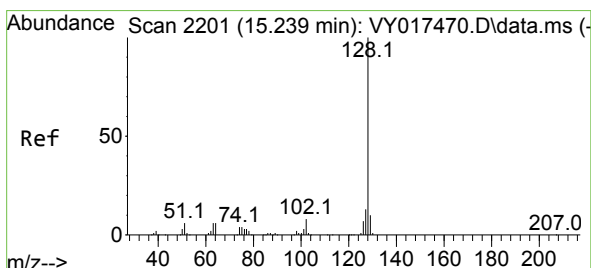
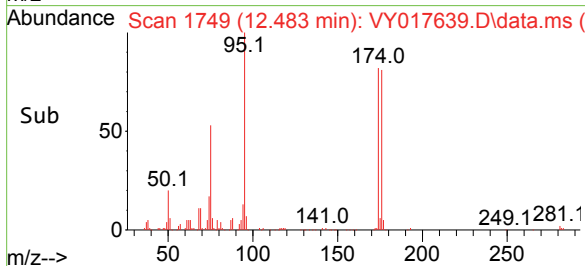
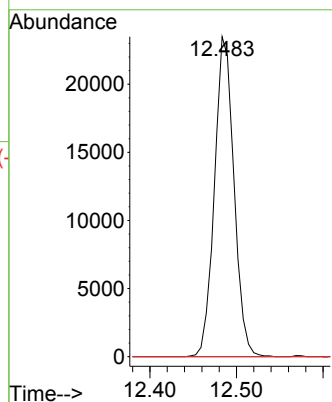
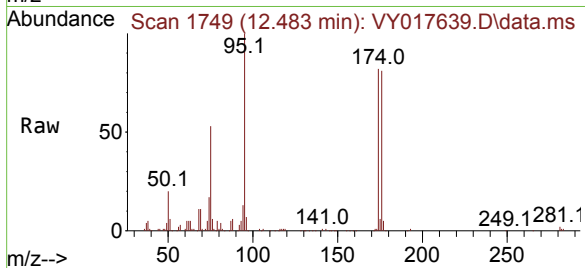




#81
trans-1,4-Dichloro-2-butene
Concen: 127.052 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL02

Tgt Ion: 75 Resp: 36683
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.029 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017639.D
Acq: 12 Mar 2024 13:22

Tgt Ion:128 Resp: 271
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

