

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031224\
 Data File : VY017638.D
 Acq On : 12 Mar 2024 12:15
 Operator : SY/MD
 Sample : VY0312SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBL01

Quant Time: Mar 13 04:08:10 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)

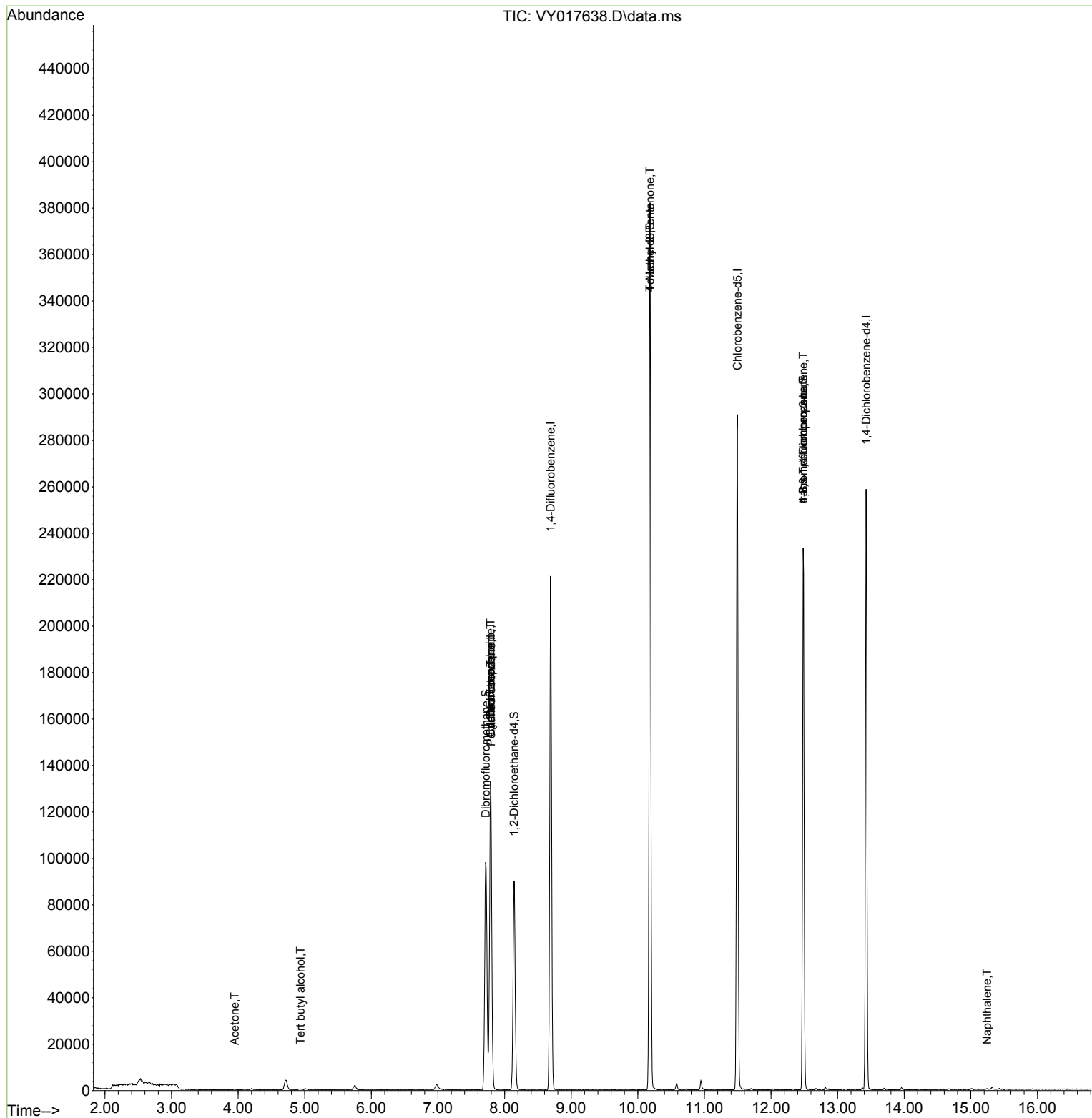
Internal Standards						
1) Pentafluorobenzene	7.795	168	105781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	163987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67164	66.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.000%
35) Dibromofluoromethane	7.716	113	71655	54.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.460%
50) Toluene-d8	10.185	98	252089	54.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.120%
62) 4-Bromofluorobenzene	12.483	95	69147	47.622	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	115	1.350	ug/l #	88
16) Acetone	3.948	43	334	1.718	ug/l #	36
20) Methylene Chloride	4.710	84	3613	Below Cal		92
31) Cyclohexane	7.789	56	2358	1.445	ug/l #	16
36) 1,1-Dichloropropene	7.789	75	8162	4.578	ug/l #	48
38) Carbon Tetrachloride	7.789	117	10133	5.671	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	923	1.338	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	36976	60.196	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	36976	138.316	ug/l #	16
95) Naphthalene	15.245	128	539	4.160	ug/l #	69

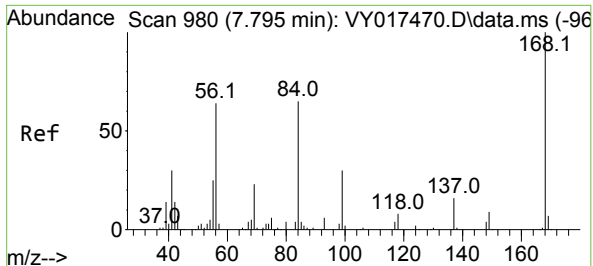
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031224\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

Quant Time: Mar 13 04:08:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

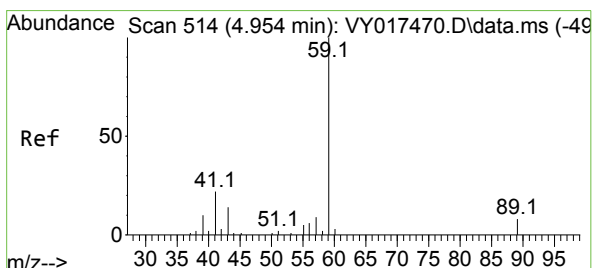
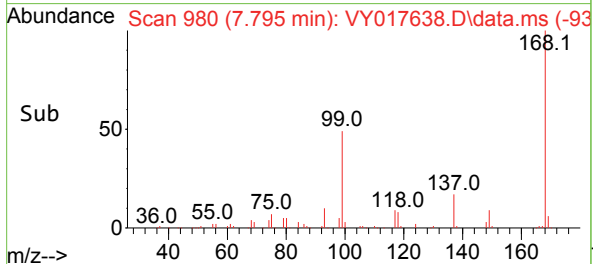
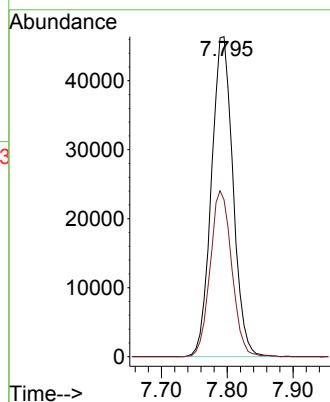
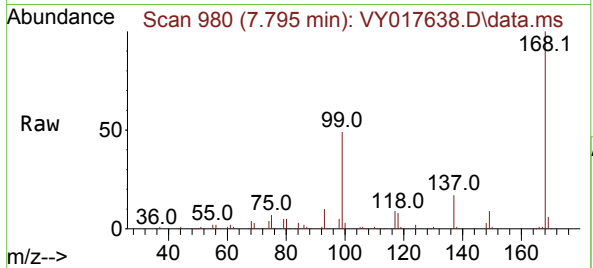




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

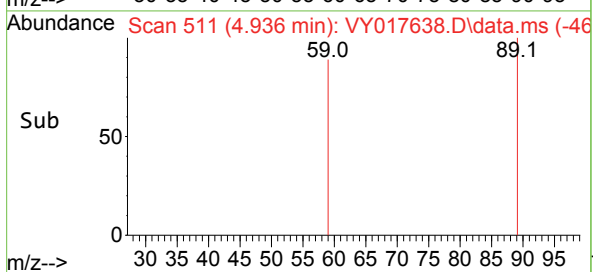
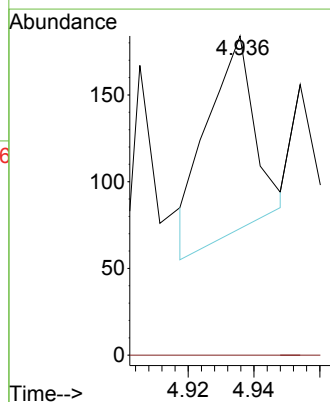
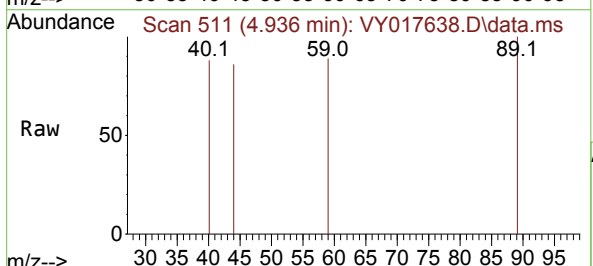
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

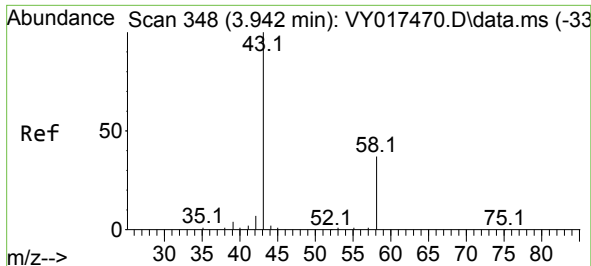
Tgt Ion:168 Resp: 105781
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#11
Tert butyl alcohol
Concen: 1.350 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

Tgt Ion: 59 Resp: 115
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 1.718 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017638.D

Acq: 12 Mar 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

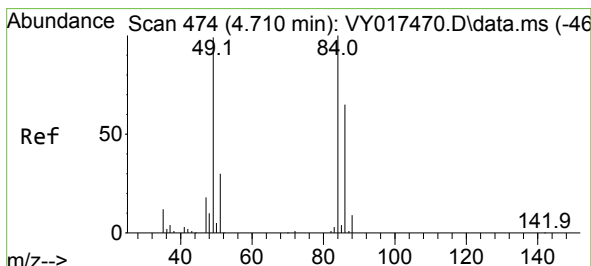
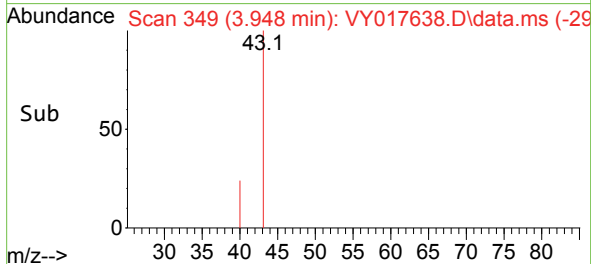
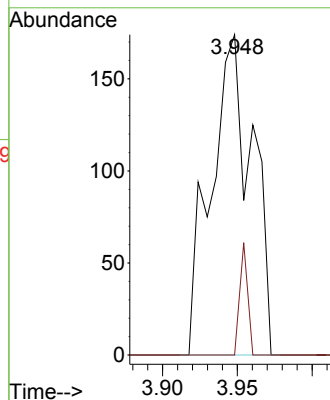
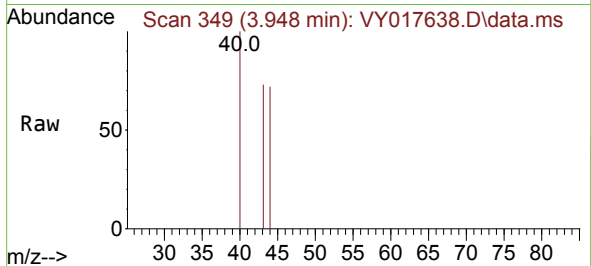
VY0312SBL01

Tgt Ion: 43 Resp: 334

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY017638.D

Acq: 12 Mar 2024 12:15

Tgt Ion: 84 Resp: 3613

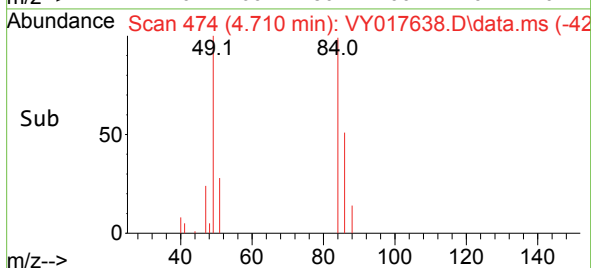
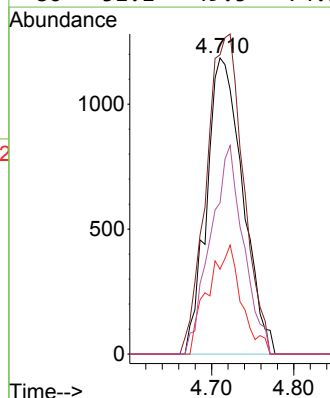
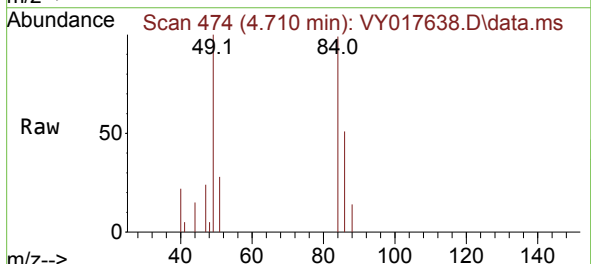
Ion Ratio Lower Upper

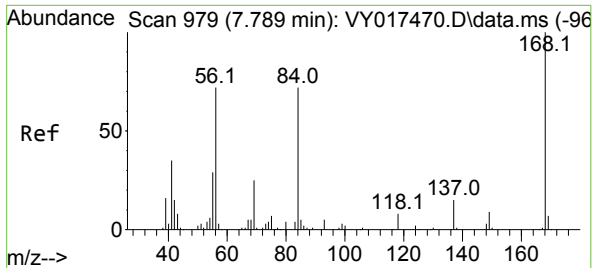
84 100

49 101.1 84.4 126.6

51 28.7 26.0 39.0

86 51.1 49.5 74.3

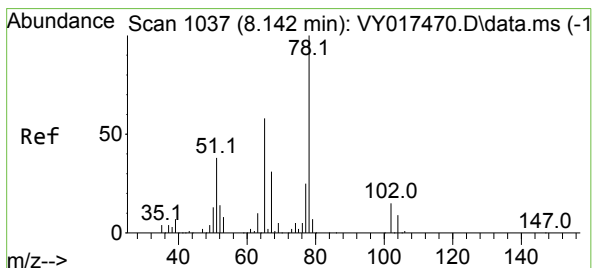
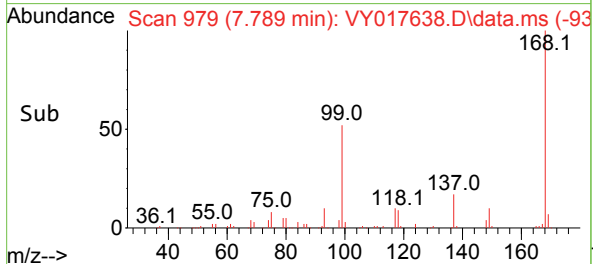
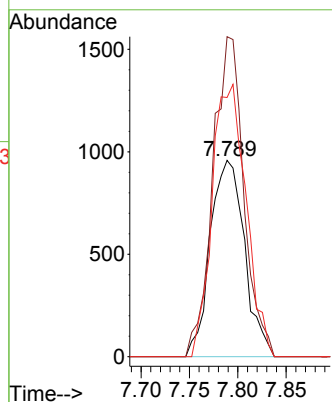
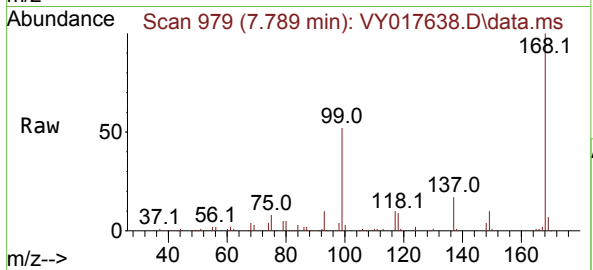




#31
Cyclohexane
Concen: 1.445 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

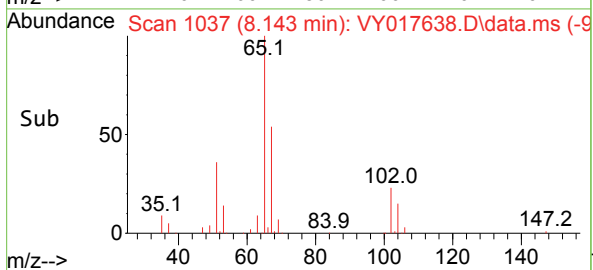
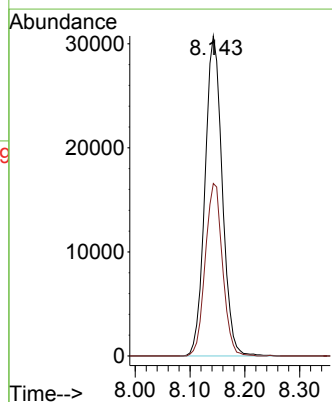
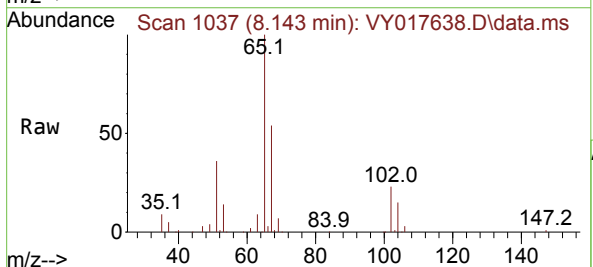
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

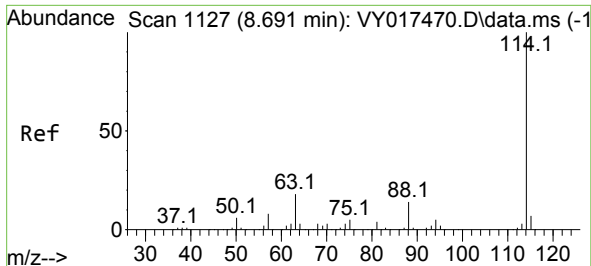
Tgt Ion: 56 Resp: 2358
Ion Ratio Lower Upper
56 100
69 163.0 28.7 43.1#
84 132.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 66.995 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

Tgt Ion: 65 Resp: 67164
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6

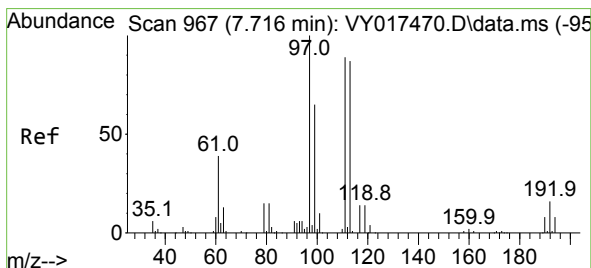
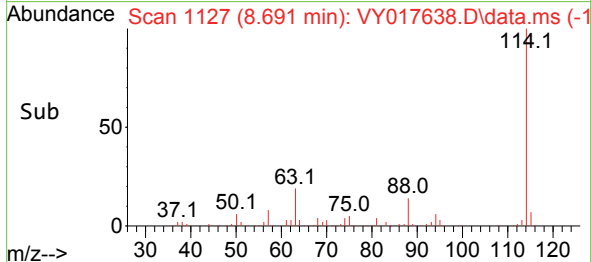
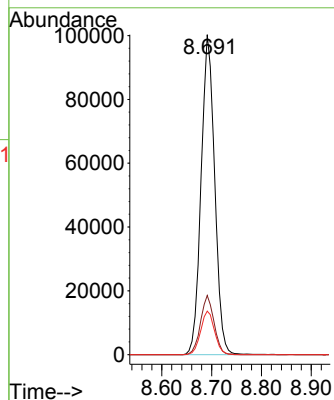
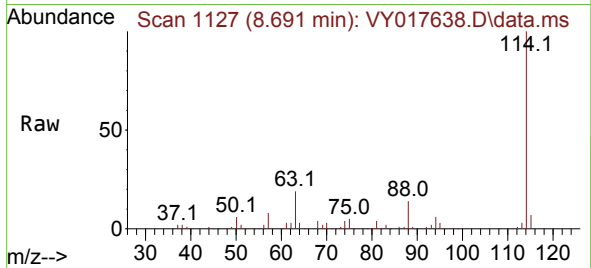




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

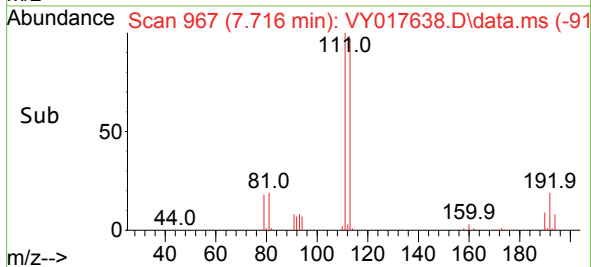
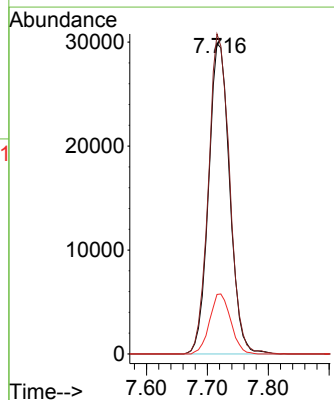
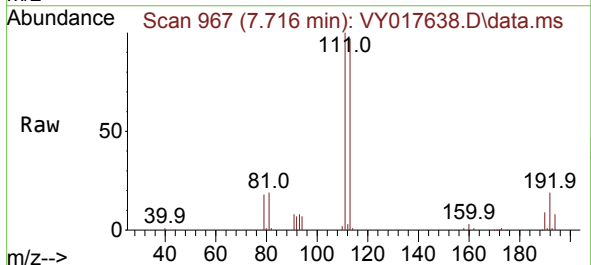
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

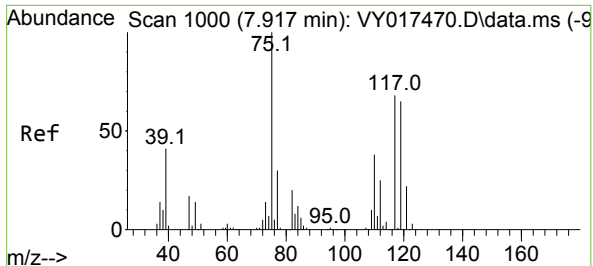
Tgt Ion:114 Resp: 189634
Ion Ratio Lower Upper
114 100
63 18.5 0.0 35.0
88 13.6 0.0 27.2



#35
Dibromofluoromethane
Concen: 54.225 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

Tgt Ion:113 Resp: 71655
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 19.3 15.9 23.9

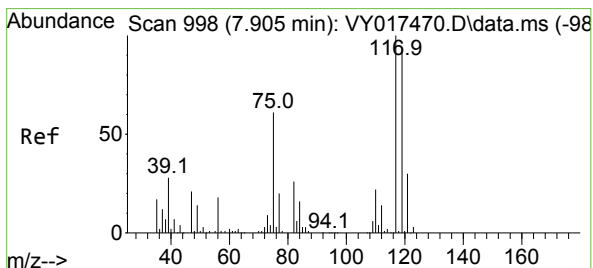
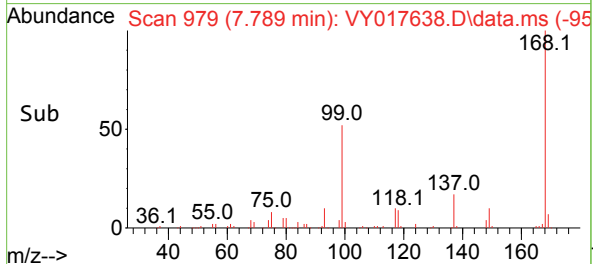
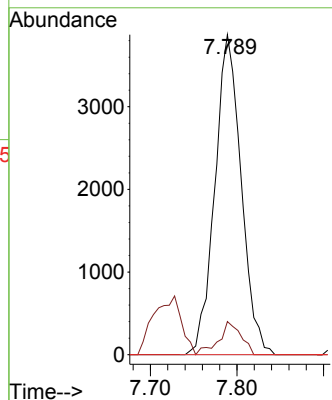
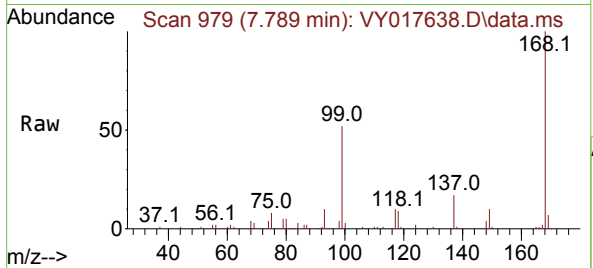




#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

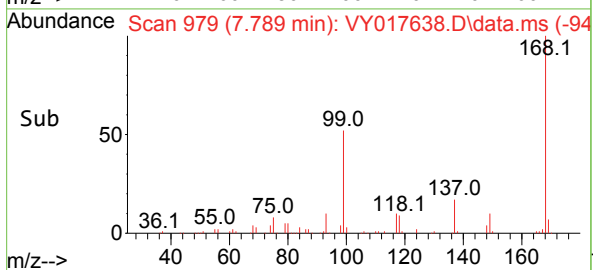
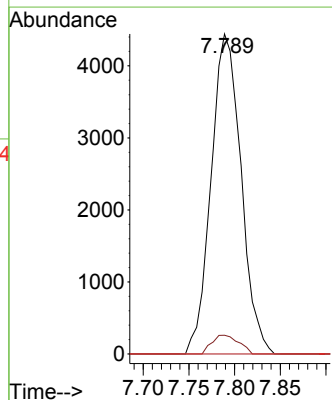
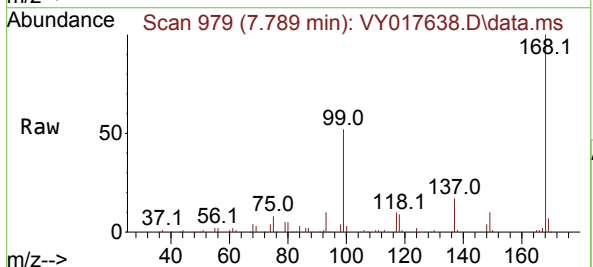
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

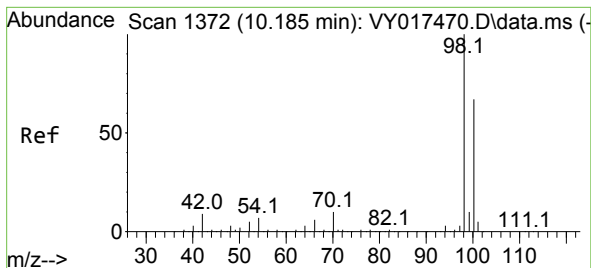
Tgt Ion: 75 Resp: 8162
Ion Ratio Lower Upper
75 100
110 8.7 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.671 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

Tgt Ion: 117 Resp: 10133
Ion Ratio Lower Upper
117 100
119 5.9 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 54.562 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.000 min

Lab File: VY017638.D

Acq: 12 Mar 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

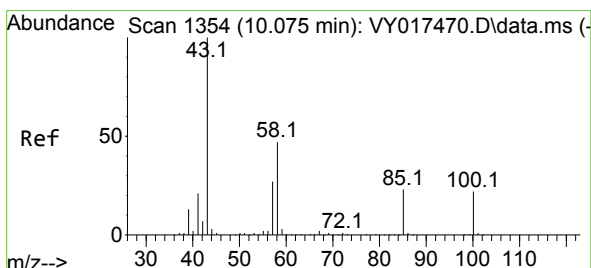
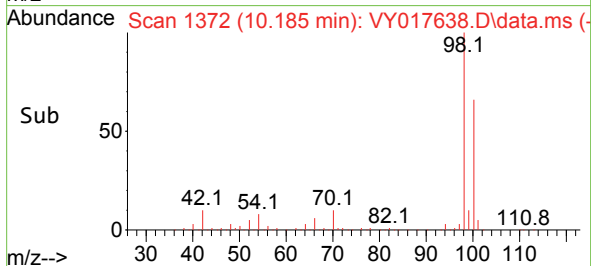
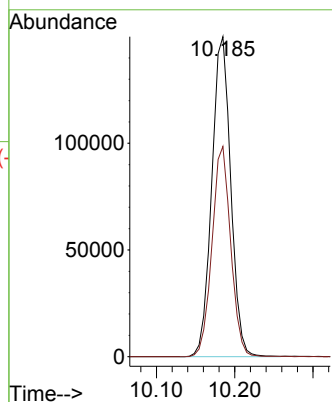
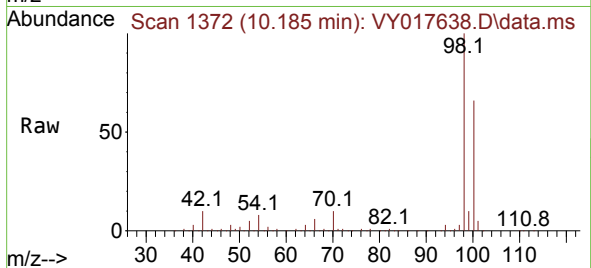
VY0312SBL01

Tgt Ion: 98 Resp: 252089

Ion Ratio Lower Upper

98 100

100 64.7 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.338 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.110 min

Lab File: VY017638.D

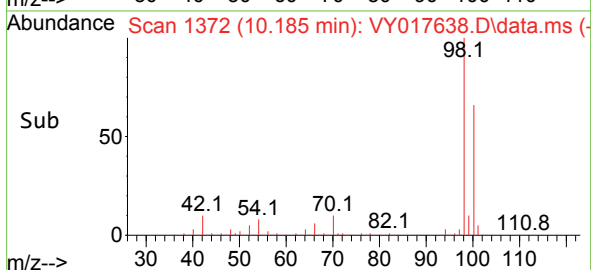
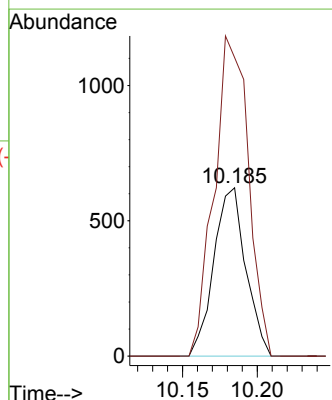
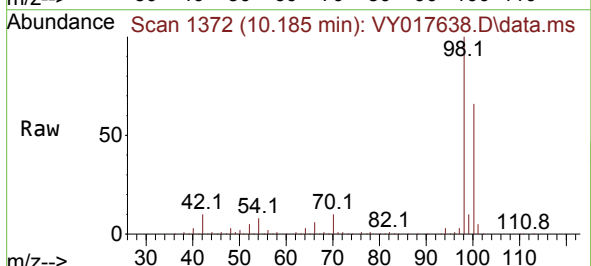
Acq: 12 Mar 2024 12:15

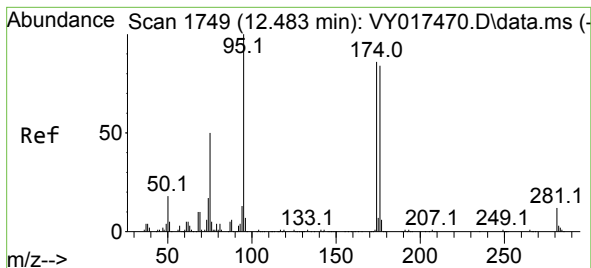
Tgt Ion: 43 Resp: 923

Ion Ratio Lower Upper

43 100

58 203.5 35.7 53.5#

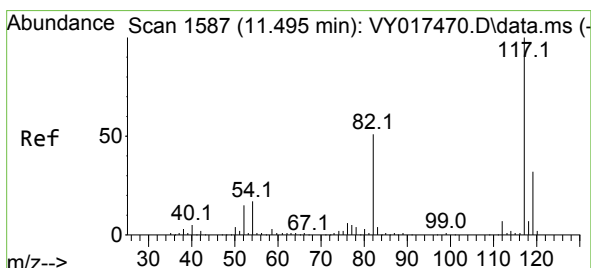
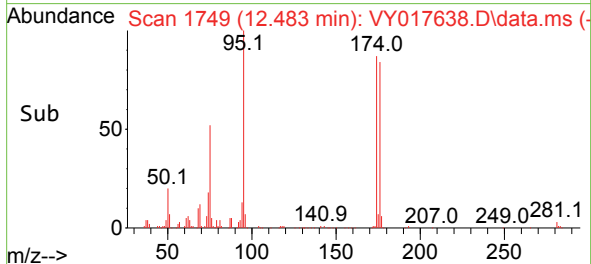
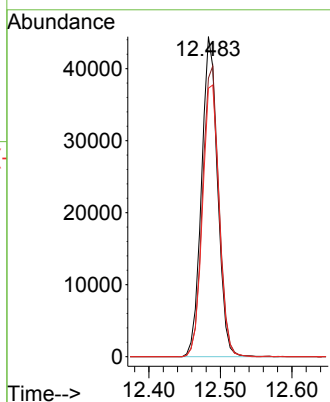
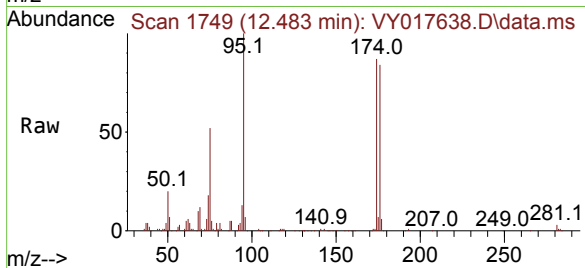




#62
4-Bromofluorobenzene
Concen: 47.622 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

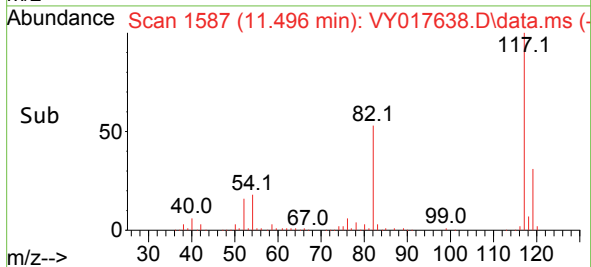
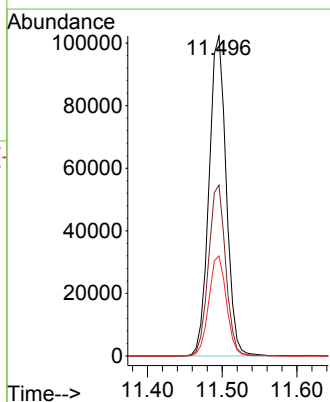
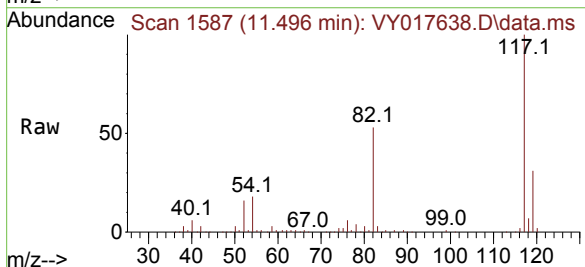
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

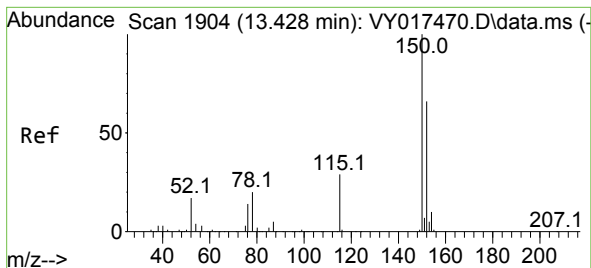
Tgt Ion: 95 Resp: 69147
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 88.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

Tgt Ion: 117 Resp: 163987
Ion Ratio Lower Upper
117 100
82 53.4 42.4 63.6
119 31.3 25.9 38.9

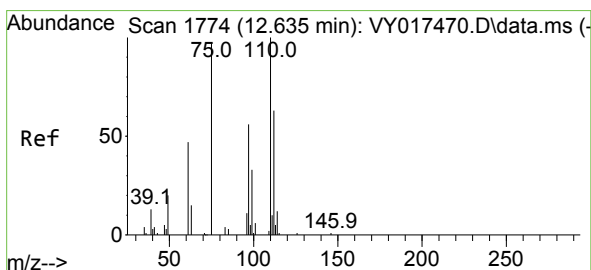
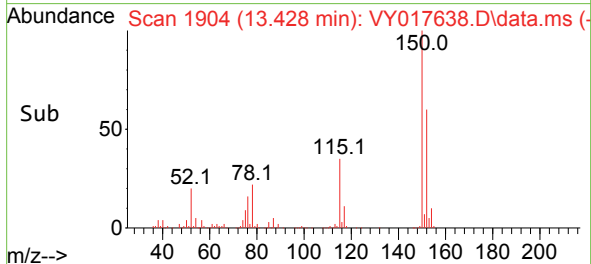
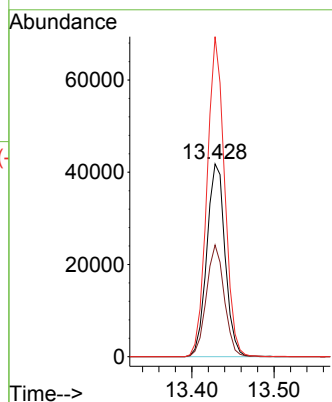
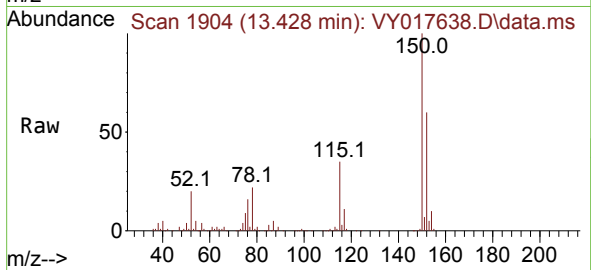




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY017638.D
 Acq: 12 Mar 2024 12:15

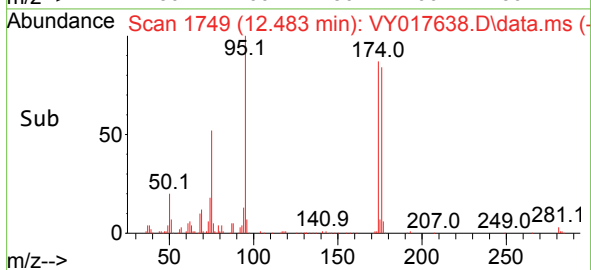
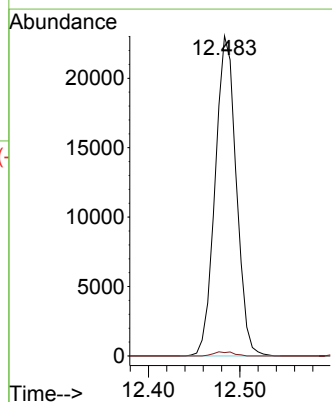
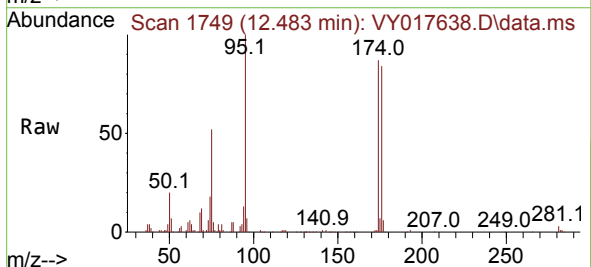
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBL01

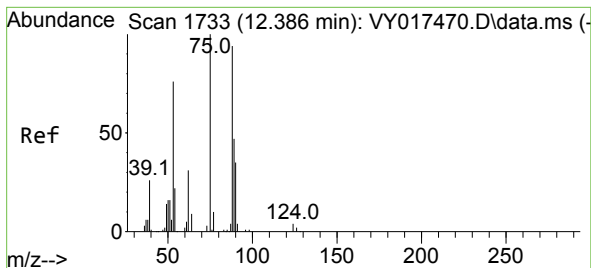
Tgt Ion:152 Resp: 64649
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 159.0 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 60.196 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017638.D
 Acq: 12 Mar 2024 12:15

Tgt Ion: 75 Resp: 36976
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

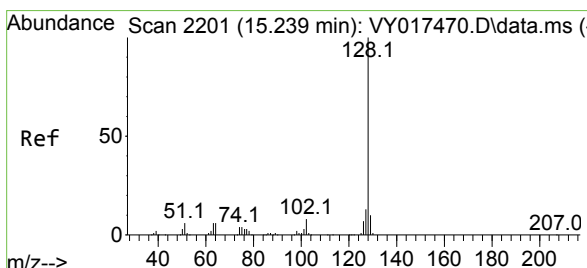
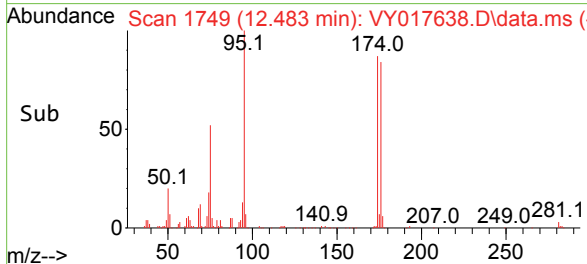
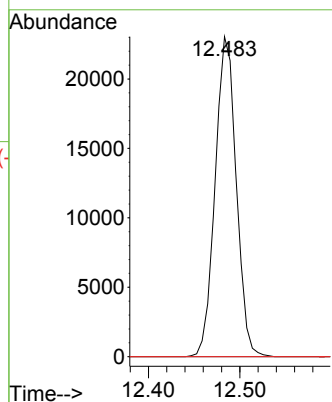
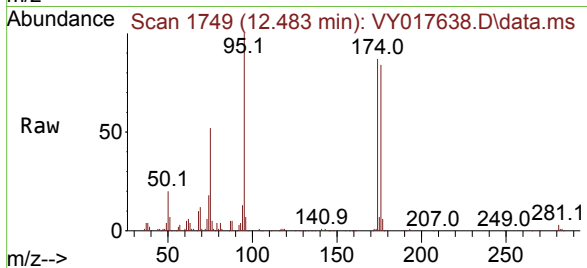




#81
trans-1,4-Dichloro-2-butene
Concen: 138.316 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

Tgt Ion: 75 Resp: 36976
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.160 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

Tgt Ion: 128 Resp: 539
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

