

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031424\
 Data File : VY017656.D
 Acq On : 14 Mar 2024 10:31
 Operator : SY/MD
 Sample : VY0314SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBL01

Quant Time: Mar 15 03:55:01 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)

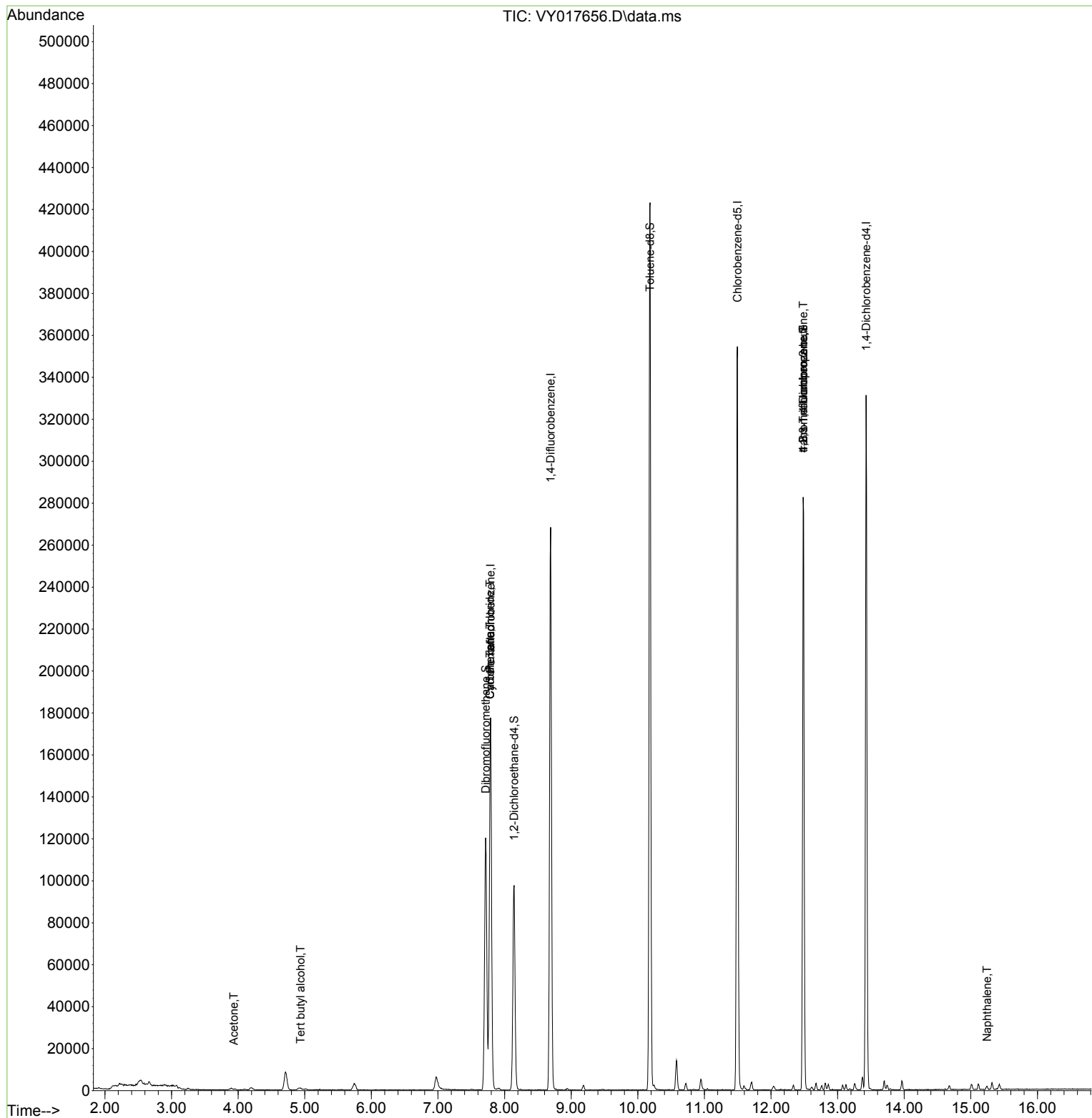
Internal Standards						
1) Pentafluorobenzene	7.789	168	146474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	249034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	213565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88766	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	72297	52.080	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.160%	
35) Dibromofluoromethane	7.716	113	86335	49.751	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.500%	
50) Toluene-d8	10.185	98	295590	48.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.440%	
62) 4-Bromofluorobenzene	12.483	95	84303	44.211	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.420%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.936	59	1303	11.050	ug/l #	88
16) Acetone	3.936	43	683	2.537	ug/l	90
20) Methylene Chloride	4.710	84	7232	Below Cal		97
31) Cyclohexane	7.783	56	2773	1.227	ug/l #	10
38) Carbon Tetrachloride	7.783	117	13277	5.658	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	41263	48.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	41263	112.416	ug/l #	16
95) Naphthalene	15.245	128	1668	4.468	ug/l	96

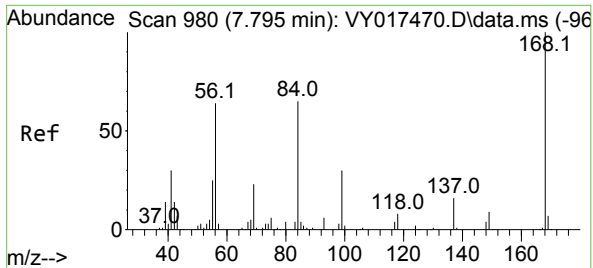
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : SW846 8260
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Response via : Initial Calibration

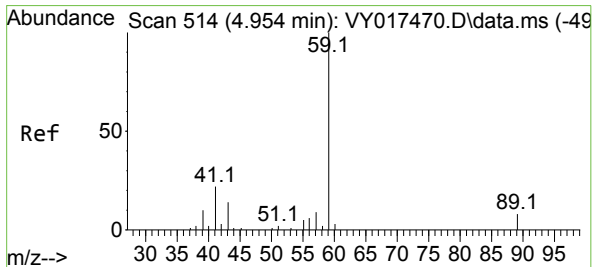
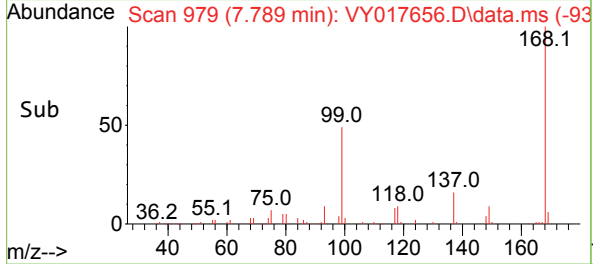
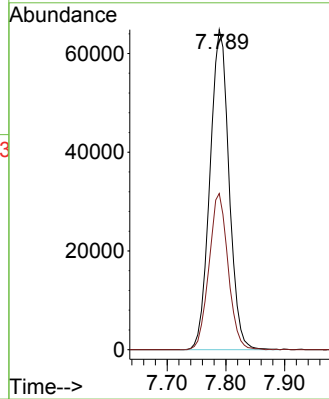
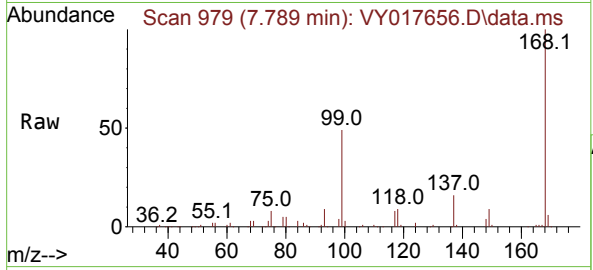




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017656.D
Acq: 14 Mar 2024 10:31

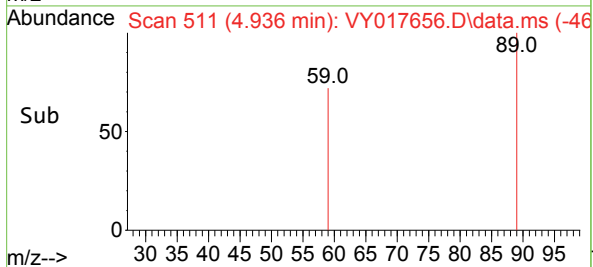
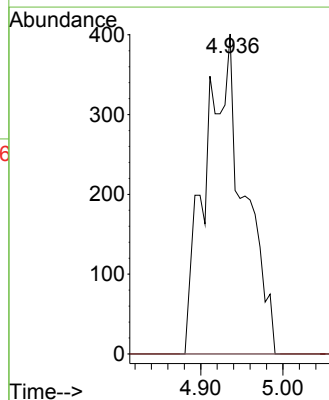
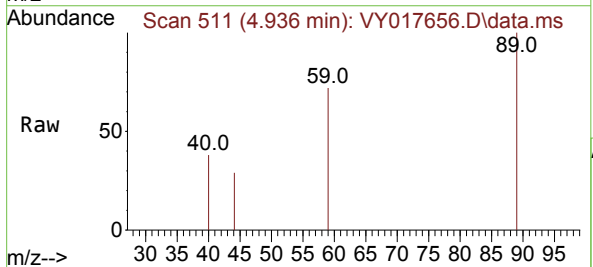
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

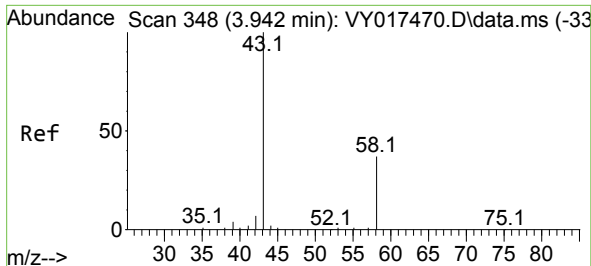
Tgt Ion:168 Resp: 146474
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#11
Tert butyl alcohol
Concen: 11.050 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY017656.D
Acq: 14 Mar 2024 10:31

Tgt Ion: 59 Resp: 1303
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.537 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY017656.D

Acq: 14 Mar 2024 10:31

Instrument :

MSVOA_Y

ClientSampleId :

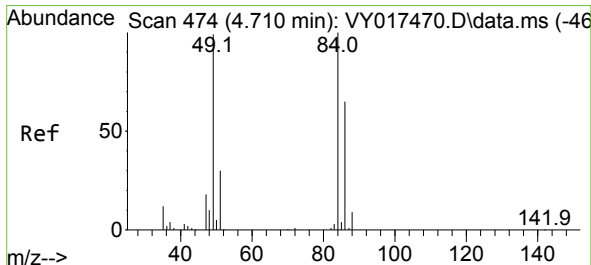
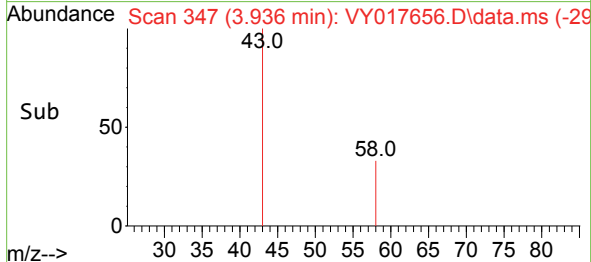
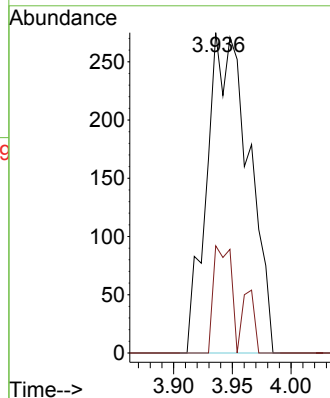
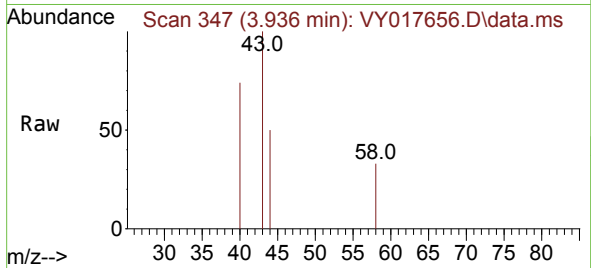
VY0314SBL01

Tgt Ion: 43 Resp: 683

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: VY017656.D

Acq: 14 Mar 2024 10:31

Tgt Ion: 84 Resp: 7232

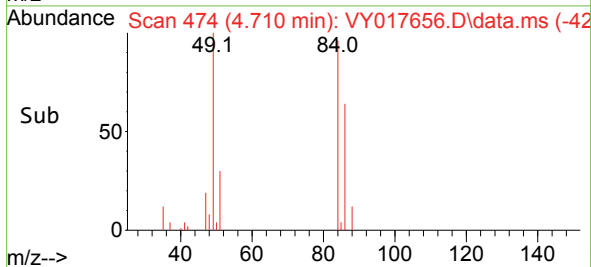
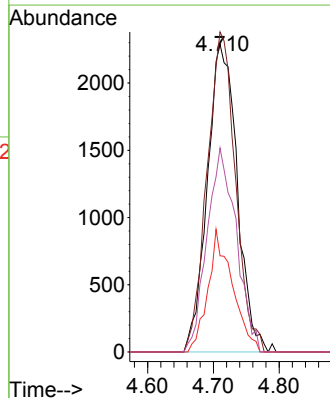
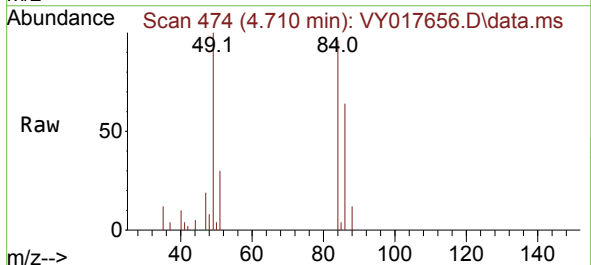
Ion Ratio Lower Upper

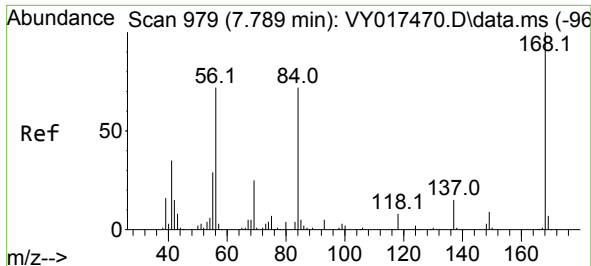
84 100

49 104.0 84.4 126.6

51 31.3 26.0 39.0

86 66.3 49.5 74.3

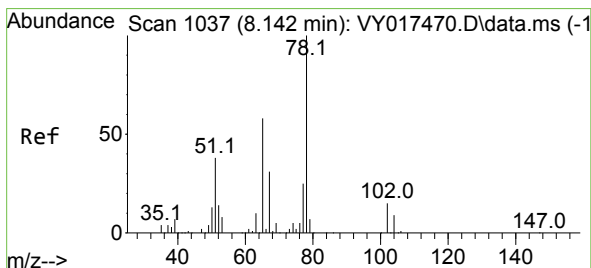
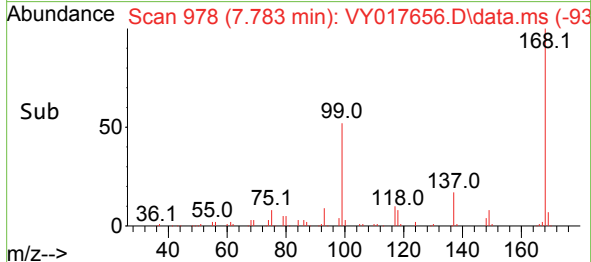
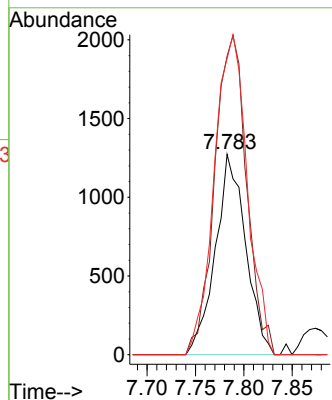
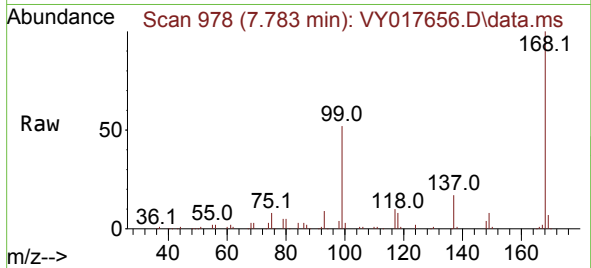




#31
Cyclohexane
Concen: 1.227 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017656.D
Acq: 14 Mar 2024 10:31

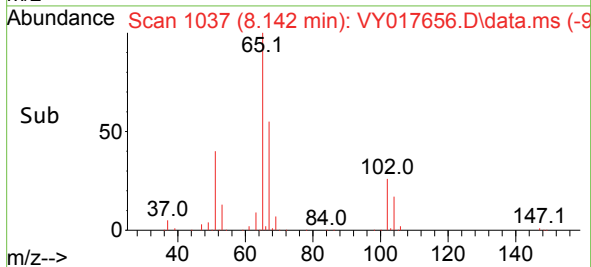
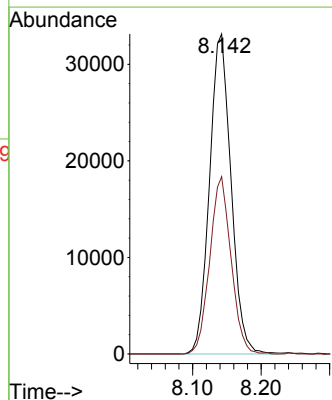
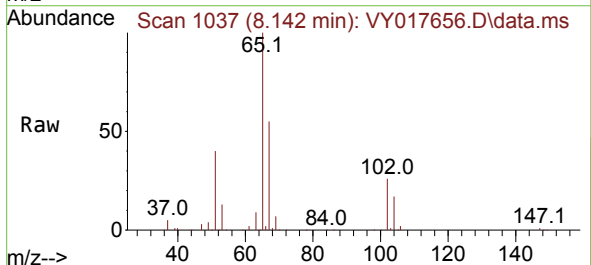
Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

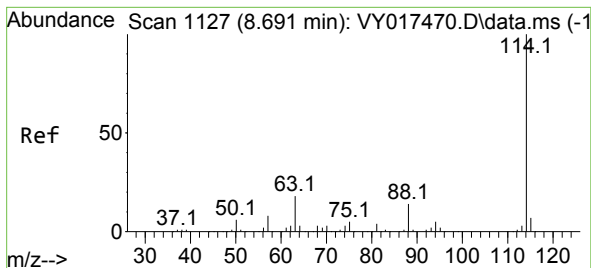
Tgt Ion: 56 Resp: 2773
Ion Ratio Lower Upper
56 100
69 149.1 28.7 43.1#
84 147.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 52.080 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY017656.D
Acq: 14 Mar 2024 10:31

Tgt Ion: 65 Resp: 72297
Ion Ratio Lower Upper
65 100
67 54.8 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: VY017656.D

Acq: 14 Mar 2024 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0314SBL01

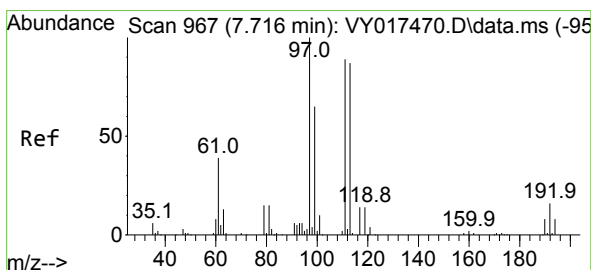
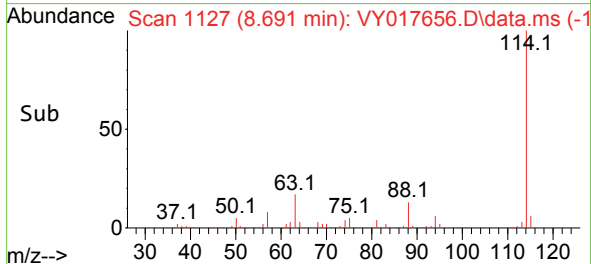
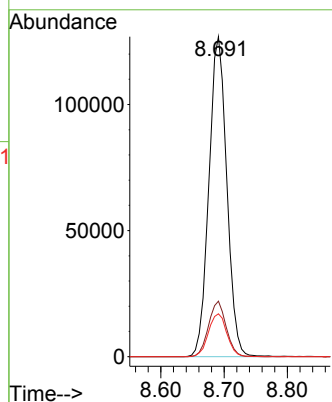
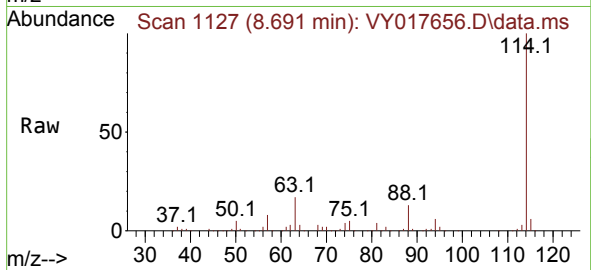
Tgt Ion:114 Resp: 249034

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.751 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY017656.D

Acq: 14 Mar 2024 10:31

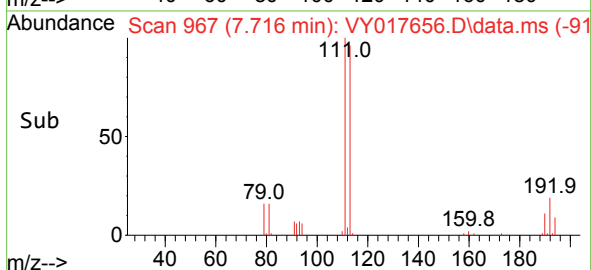
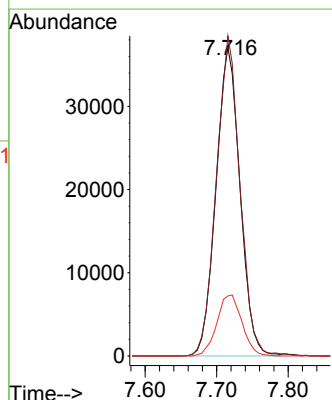
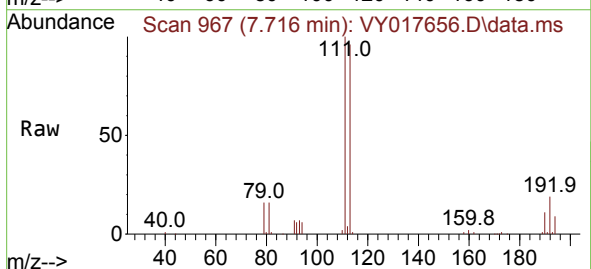
Tgt Ion:113 Resp: 86335

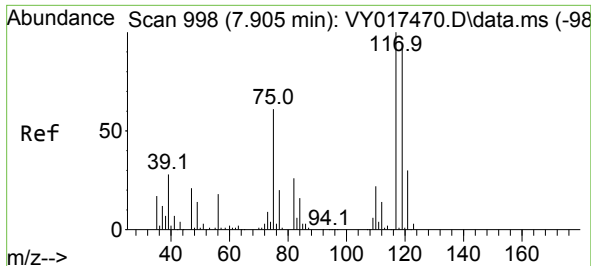
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.4

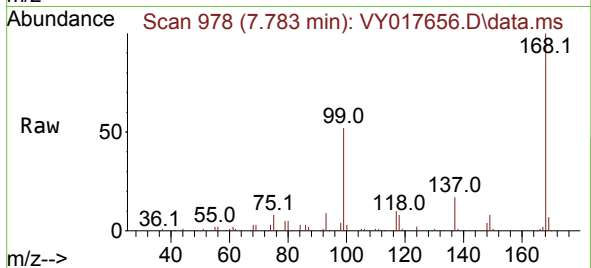
192 20.7 15.9 23.9



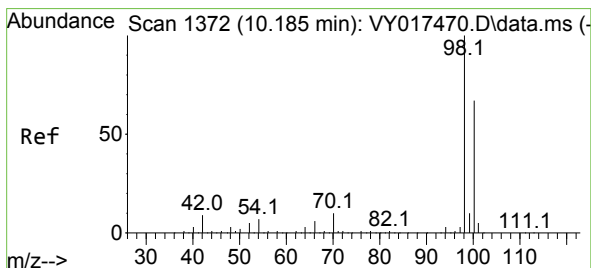
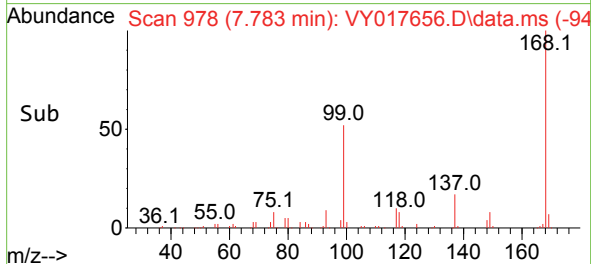
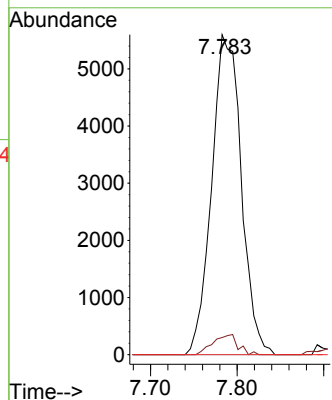


#38
Carbon Tetrachloride
Concen: 5.658 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017656.D
Acq: 14 Mar 2024 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

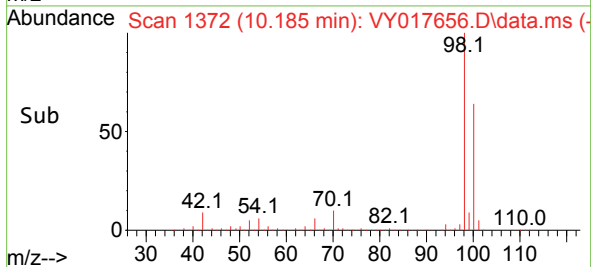
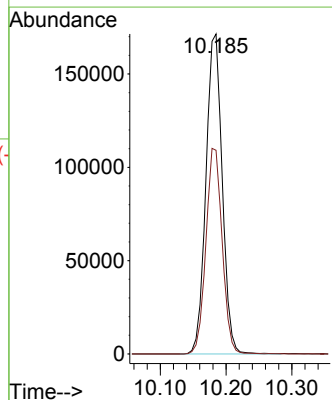
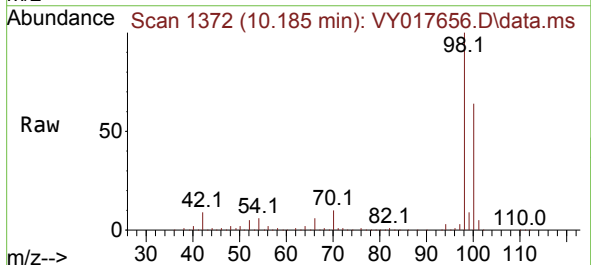


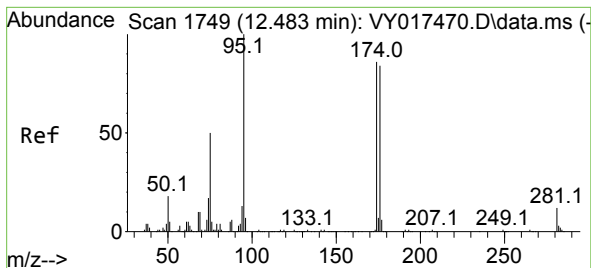
Tgt Ion:117 Resp: 13277
Ion Ratio Lower Upper
117 100
119 5.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.718 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY017656.D
Acq: 14 Mar 2024 10:31

Tgt Ion: 98 Resp: 295590
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

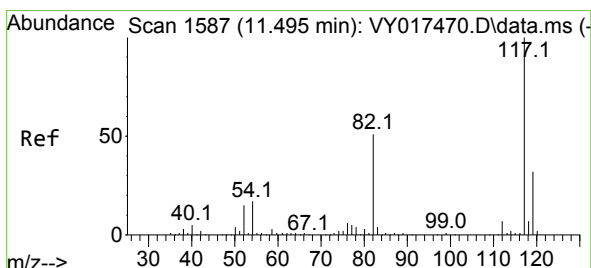
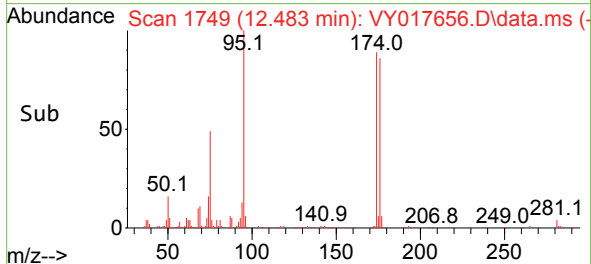
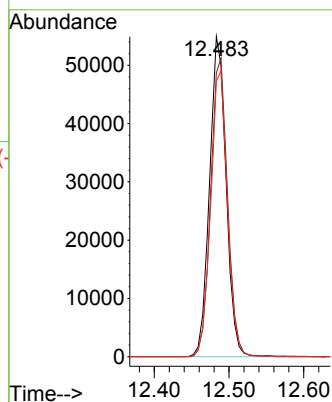
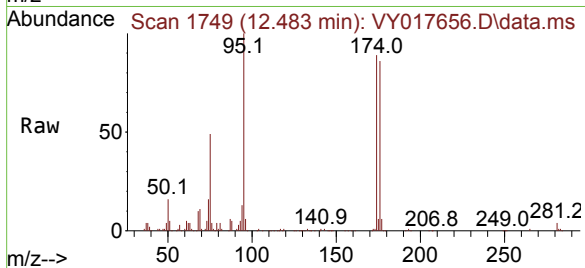




#62
4-Bromofluorobenzene
Concen: 44.211 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY017656.D
Acq: 14 Mar 2024 10:31

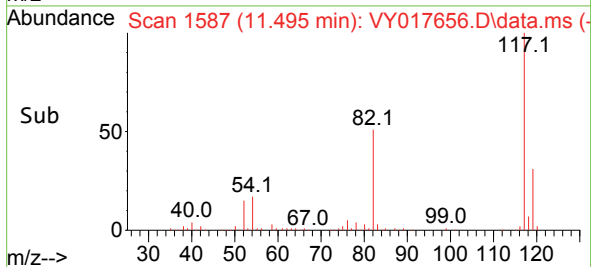
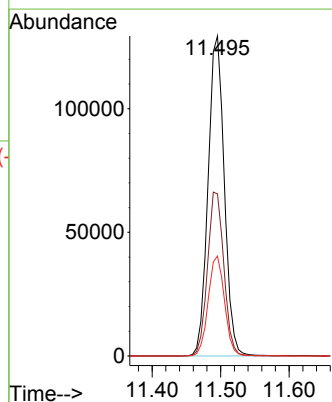
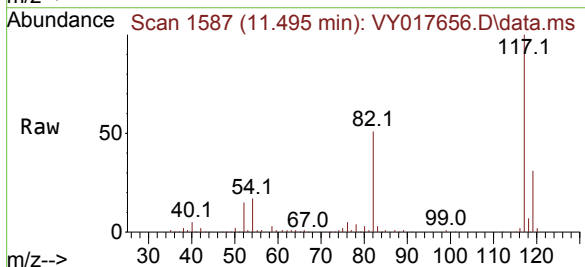
Instrument :
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ClientSampleId :
VY0314SBL01

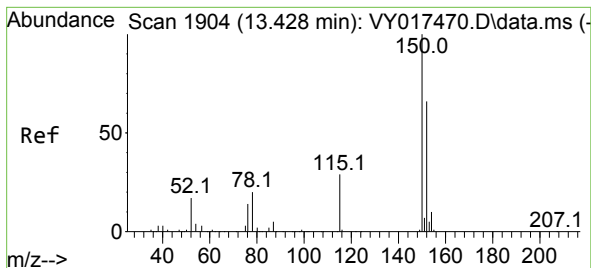
Tgt Ion: 95 Resp: 84303
Ion Ratio Lower Upper
95 100
174 95.1 0.0 175.6
176 90.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017656.D
Acq: 14 Mar 2024 10:31

Tgt Ion: 117 Resp: 213565
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 31.3 25.9 38.9

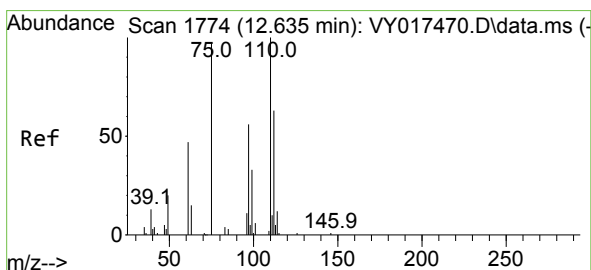
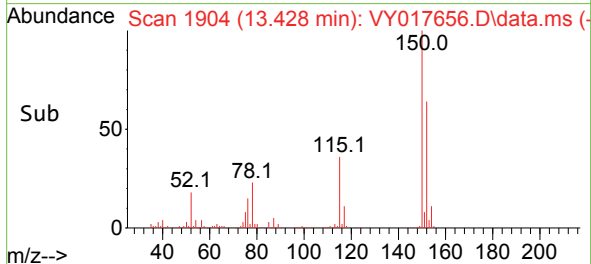
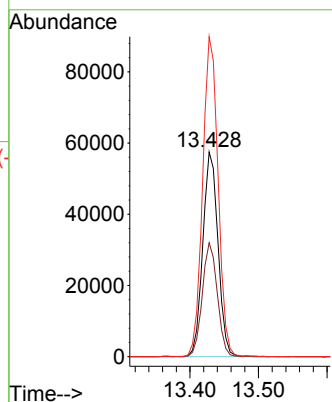
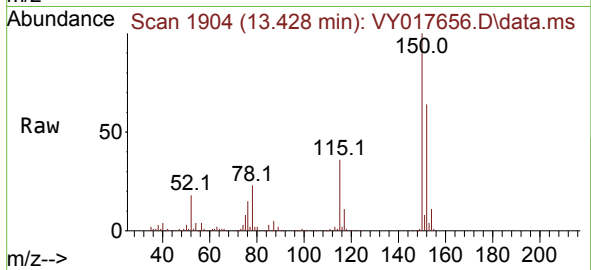




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY017656.D
 Acq: 14 Mar 2024 10:31

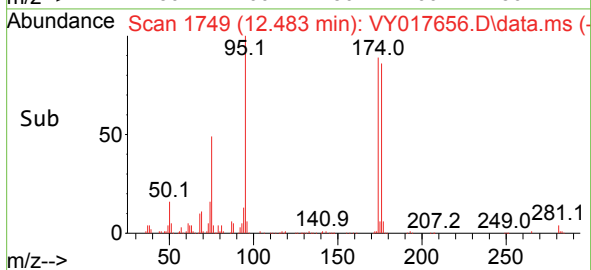
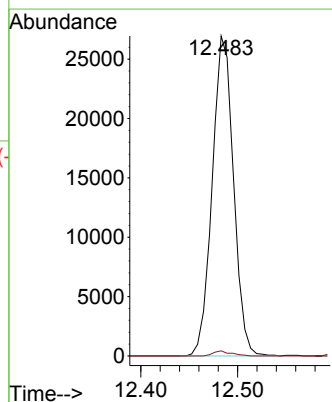
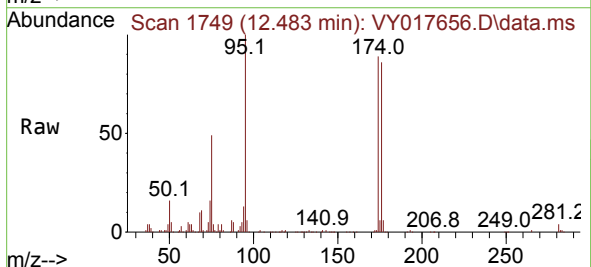
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0314SBL01

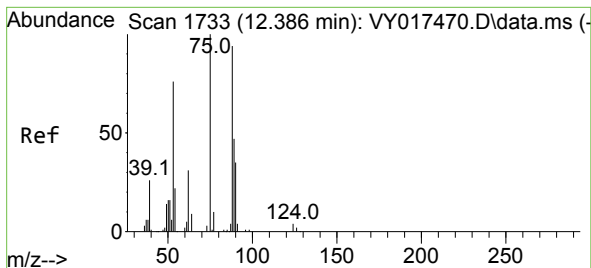
Tgt Ion:152 Resp: 88766
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.2 84.7
 150 159.0 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 48.924 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY017656.D
 Acq: 14 Mar 2024 10:31

Tgt Ion: 75 Resp: 41263
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

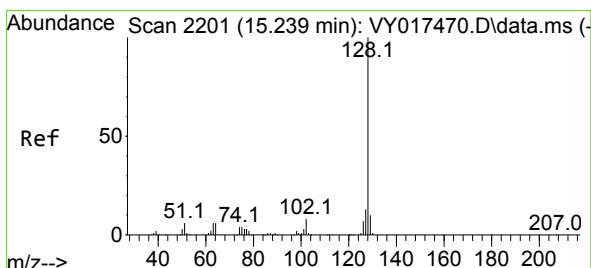
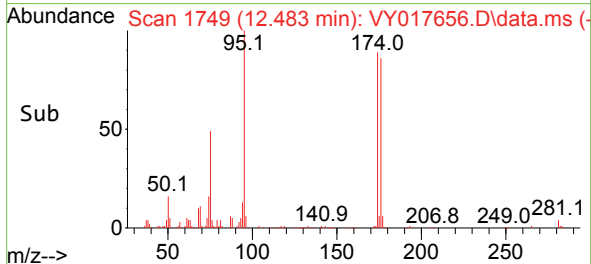
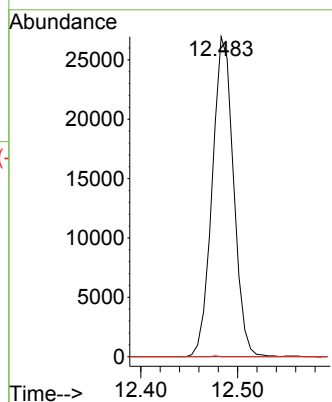
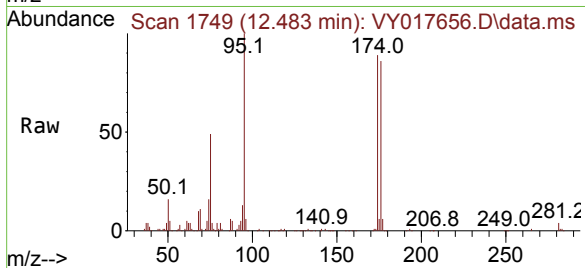




#81
trans-1,4-Dichloro-2-butene
Concen: 112.416 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017656.D
Acq: 14 Mar 2024 10:31

Instrument :
MSVOA_Y
ClientSampleId :
VY0314SBL01

Tgt Ion: 75 Resp: 41263
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#



#95
Naphthalene
Concen: 4.468 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017656.D
Acq: 14 Mar 2024 10:31

Tgt Ion: 128 Resp: 1668
Ion Ratio Lower Upper
128 100
127 15.2 10.6 16.0
129 9.7 8.6 13.0

