

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017777.D
 Acq On : 27 Mar 2024 13:25
 Operator : SY/MD
 Sample : VY0327SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBL01

Quant Time: Mar 28 02:15:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

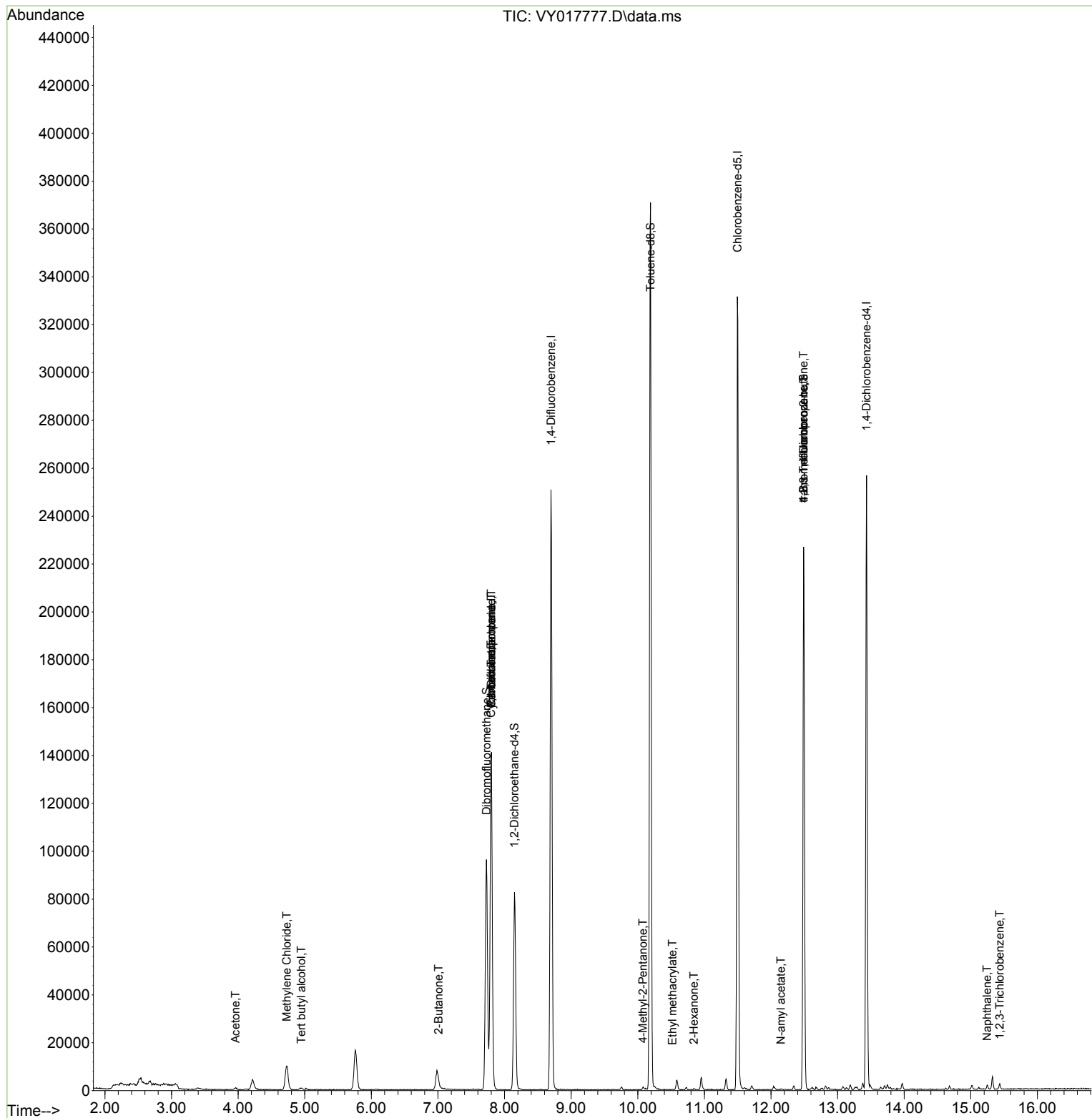
Internal Standards						
1) Pentafluorobenzene	7.801	168	110844	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	212628	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	180113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	62895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62963	65.203	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 130.400%			
35) Dibromofluoromethane	7.728	113	67229	52.895	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.780%			
50) Toluene-d8	10.191	98	245880	50.547	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.100%			
62) 4-Bromofluorobenzene	12.489	95	62257	42.622	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.240%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.948	59	431	6.710	ug/l #	88
16) Acetone	3.960	43	1175	6.957	ug/l	88
20) Methylene Chloride	4.729	84	7632	6.213	ug/l	93
25) 2-Butanone	7.009	43	614	10.042	ug/l #	41
31) Cyclohexane	7.795	56	2782	1.457	ug/l #	48
36) 1,1-Dichloropropene	7.801	75	9438	4.807	ug/l #	48
38) Carbon Tetrachloride	7.801	117	10879	5.291	ug/l #	15
51) 4-Methyl-2-Pentanone	10.075	43	875	6.706	ug/l #	85
56) Ethyl methacrylate	10.520	69	42	1.327	ug/l #	87
59) 2-Hexanone	10.843	43	387	10.144	ug/l	76
74) N-amyl acetate	12.148	43	335	2.642	ug/l #	54
76) 1,2,3-Trichloropropane	12.489	75	33924	58.409	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	33924	134.967	ug/l #	16
95) Naphthalene	15.245	128	1786	3.649	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.434	180	853	1.175	ug/l	95

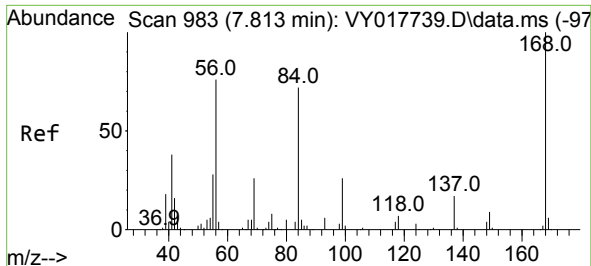
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
Data File : VY017777.D
Acq On : 27 Mar 2024 13:25
Operator : SY/MD
Sample : VY0327SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

Quant Time: Mar 28 02:15:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 23 04:03:52 2024
Response via : Initial Calibration

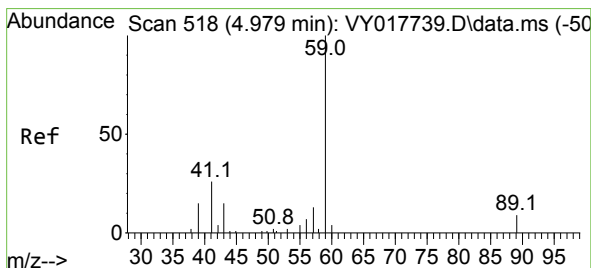
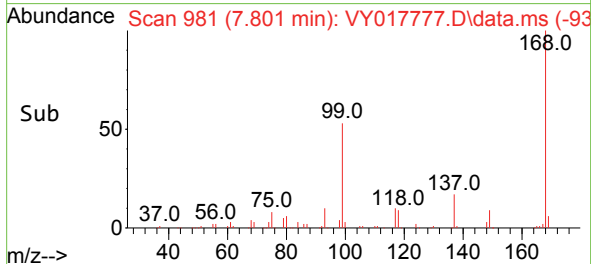
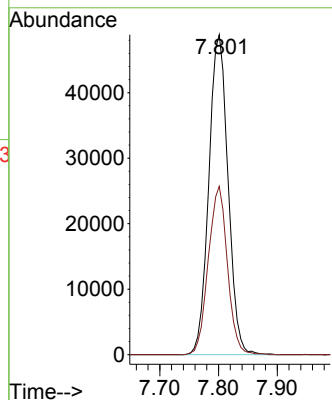
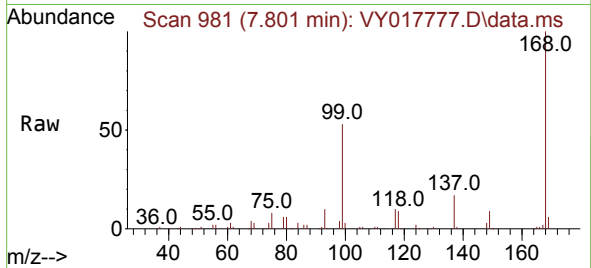




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

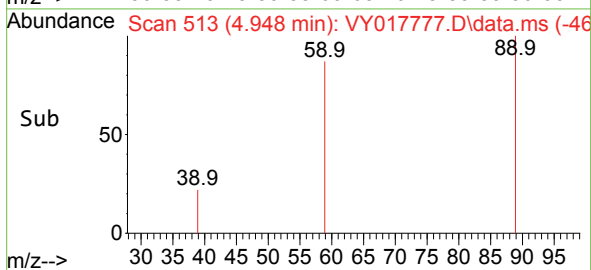
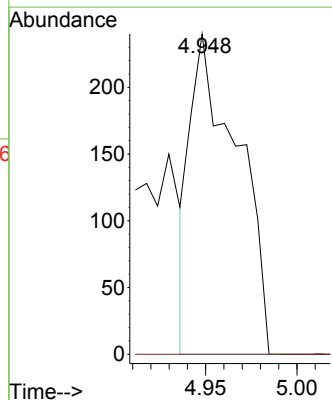
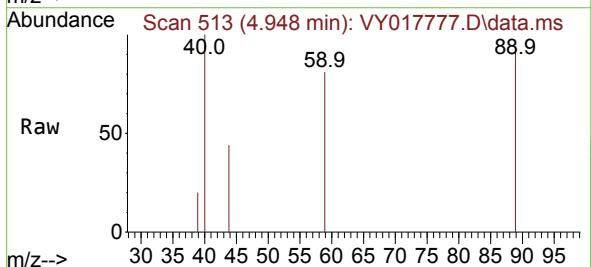
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

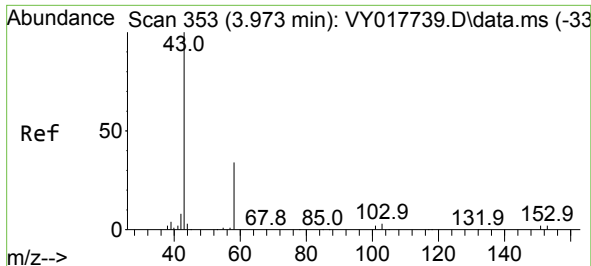
Tgt Ion:168 Resp: 110844
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#11
Tert butyl alcohol
Concen: 6.710 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.030 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

Tgt Ion: 59 Resp: 431
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 6.957 ug/l

RT: 3.960 min Scan# 31

Delta R.T. -0.012 min

Lab File: VY017777.D

Acq: 27 Mar 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

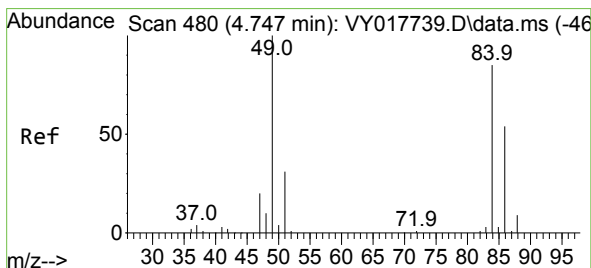
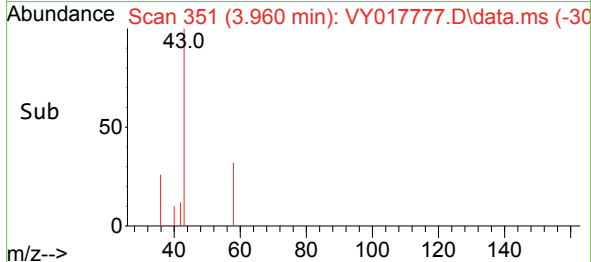
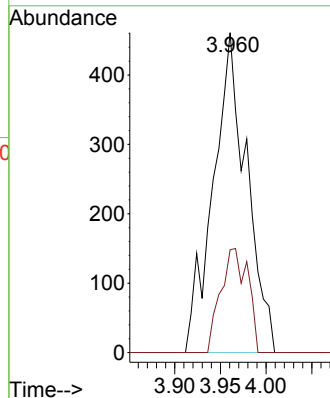
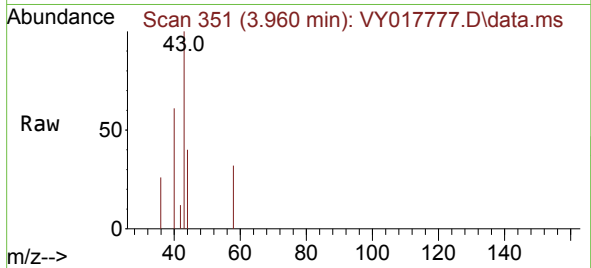
VY0327SBL01

Tgt Ion: 43 Resp: 1175

Ion Ratio Lower Upper

43 100

58 32.1 31.7 47.5



#20

Methylene Chloride

Concen: 6.213 ug/l

RT: 4.729 min Scan# 477

Delta R.T. -0.018 min

Lab File: VY017777.D

Acq: 27 Mar 2024 13:25

Tgt Ion: 84 Resp: 7632

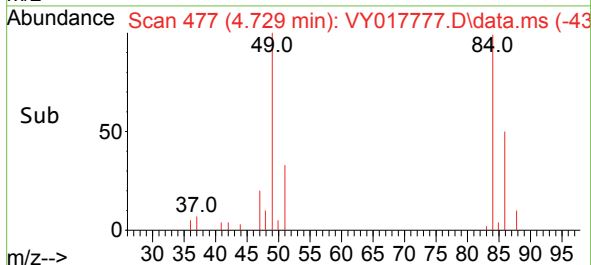
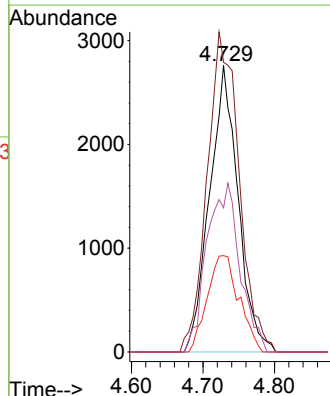
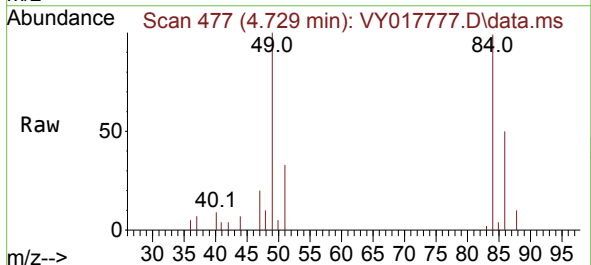
Ion Ratio Lower Upper

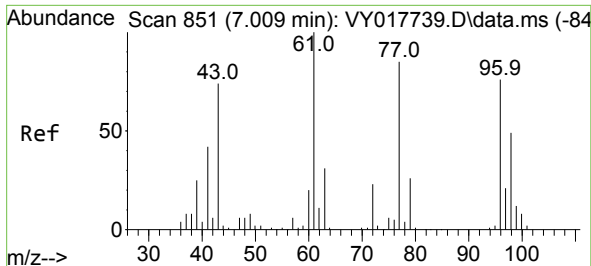
84 100

49 101.1 84.4 126.6

51 33.6 26.0 39.0

86 50.3 49.5 74.3

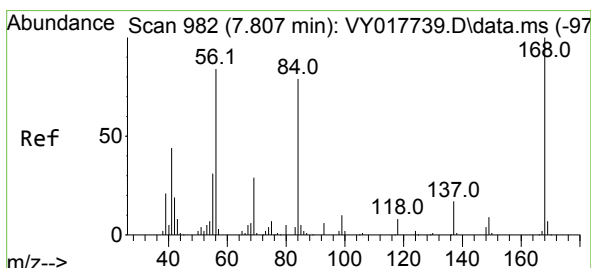
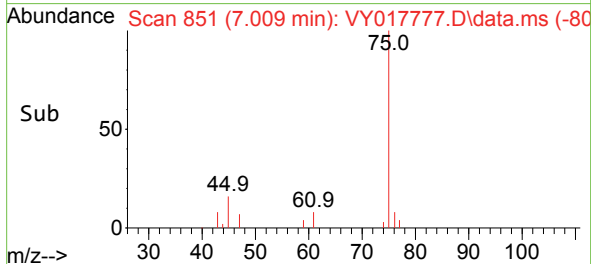
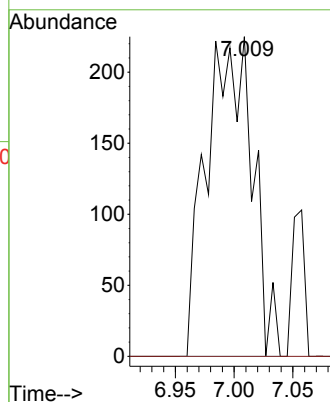
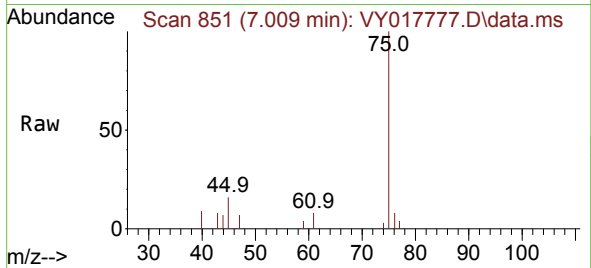




#25
2-Butanone
Concen: 10.042 ug/l
RT: 7.009 min Scan# 81
Delta R.T. -0.000 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

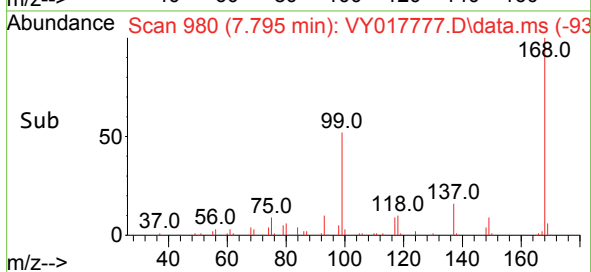
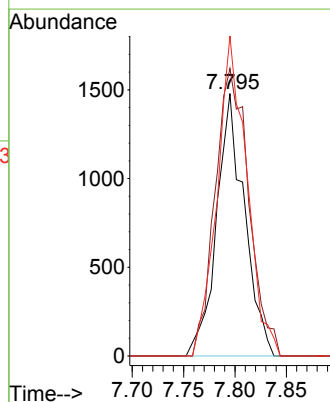
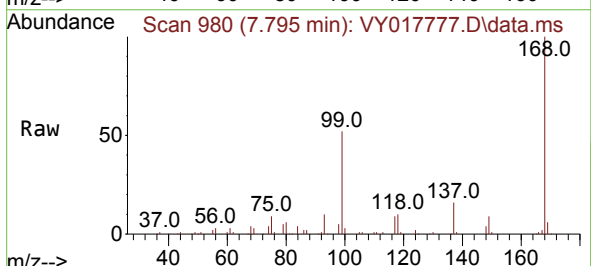
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

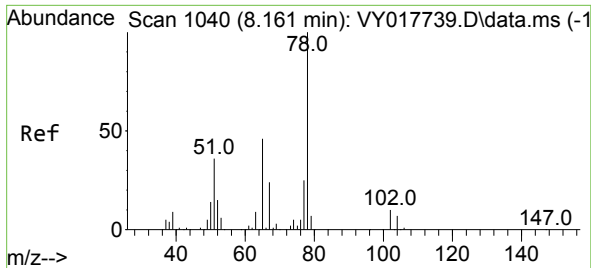
Tgt Ion: 43 Resp: 614
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.457 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.012 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

Tgt Ion: 56 Resp: 2782
Ion Ratio Lower Upper
56 100
69 109.6 28.7 43.1#
84 122.0 77.7 116.5#

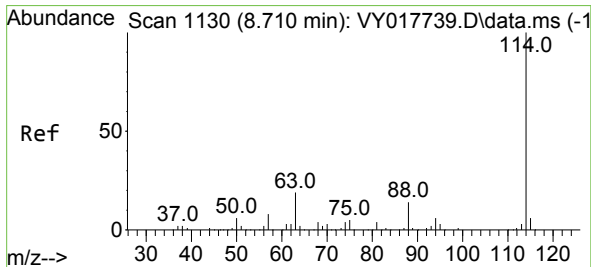
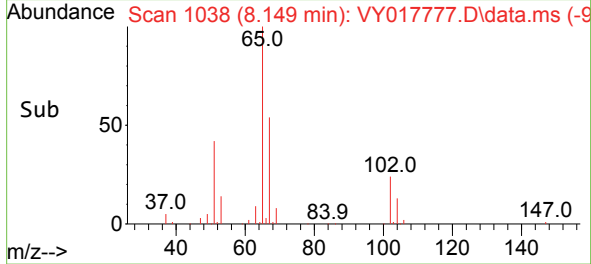
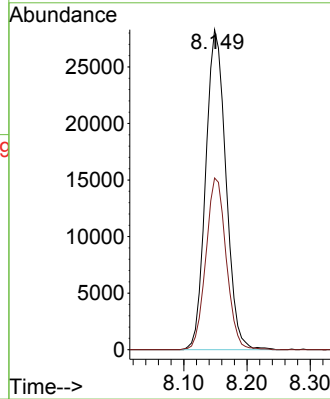
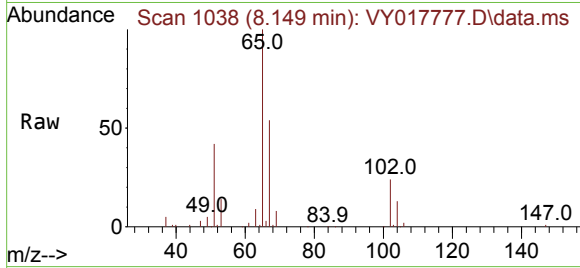




#33
1,2-Dichloroethane-d4
Concen: 65.203 ug/l
RT: 8.149 min Scan# 110
Delta R.T. -0.012 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

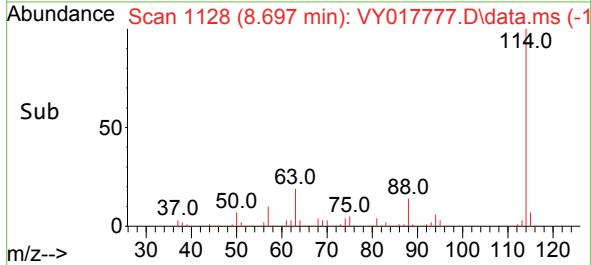
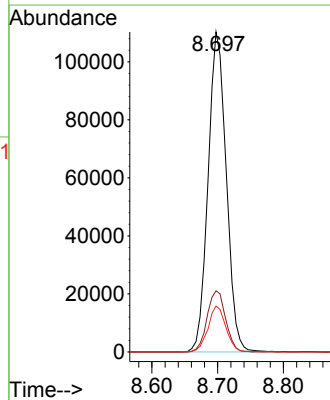
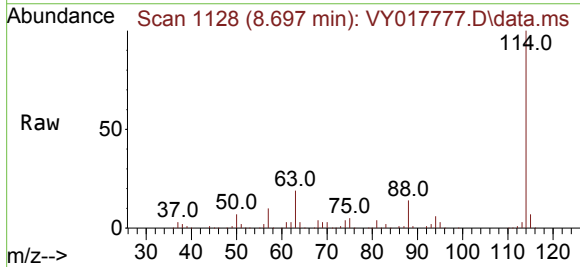
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

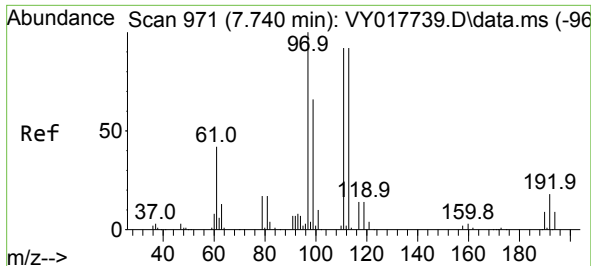
Tgt Ion: 65 Resp: 62963
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.012 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

Tgt Ion: 114 Resp: 212628
Ion Ratio Lower Upper
114 100
63 19.1 0.0 35.0
88 14.4 0.0 27.2

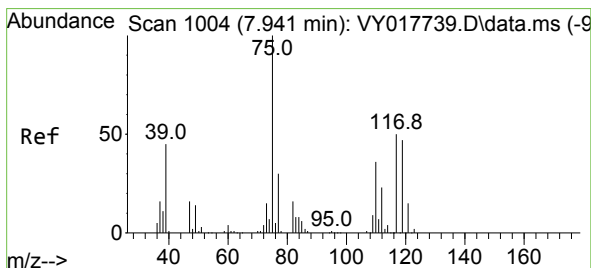
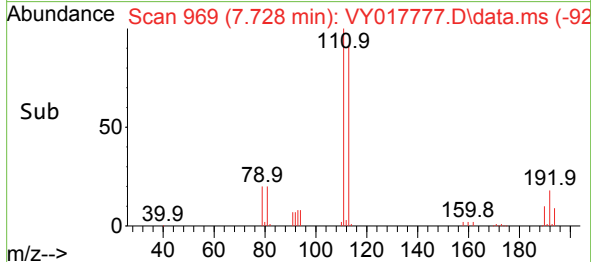
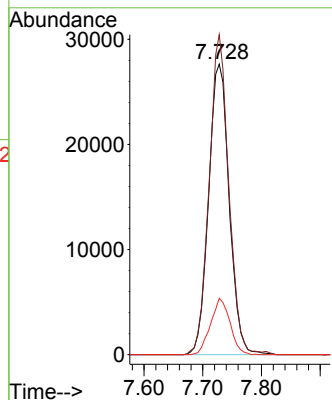
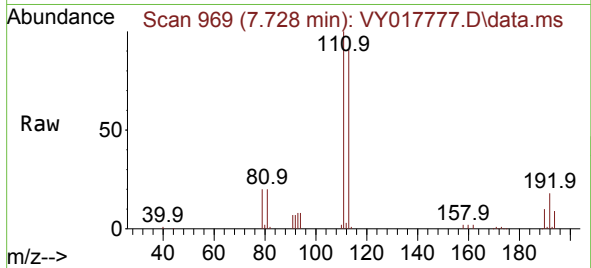




#35
Dibromofluoromethane
Concen: 52.895 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.012 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

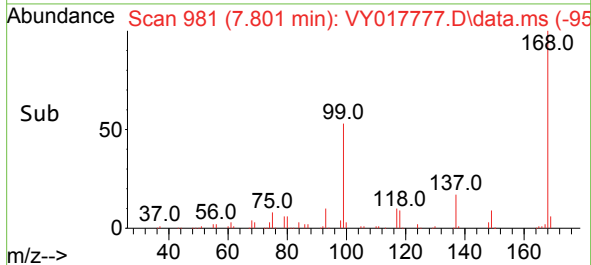
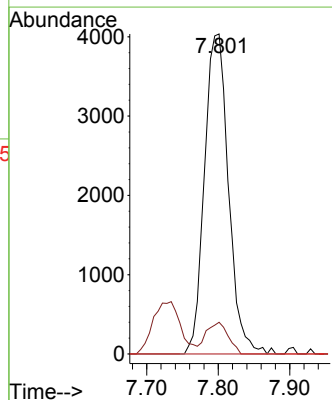
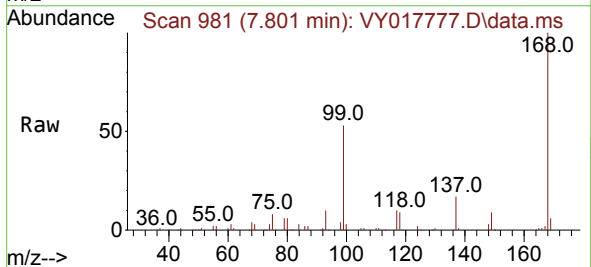
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

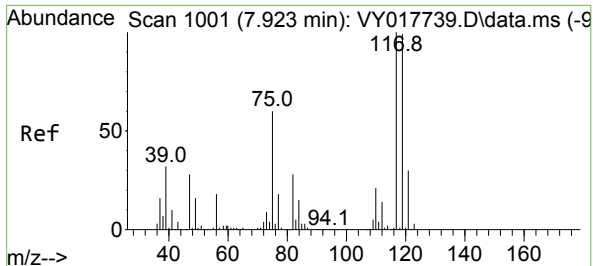
Tgt Ion:113 Resp: 67229
Ion Ratio Lower Upper
113 100
111 105.3 82.2 123.4
192 18.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.807 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

Tgt Ion: 75 Resp: 9438
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#

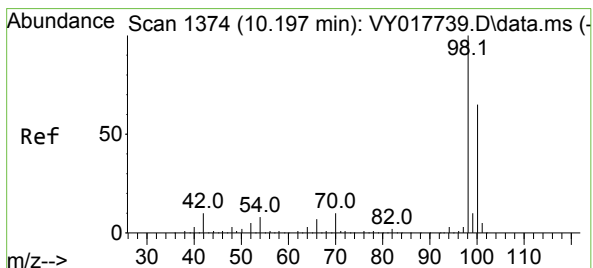
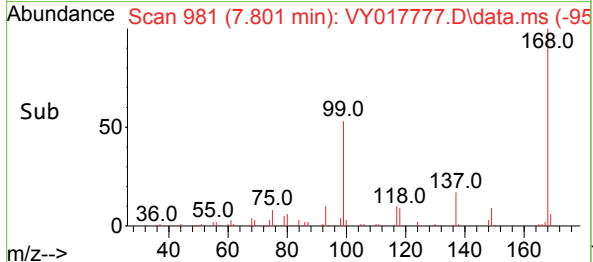
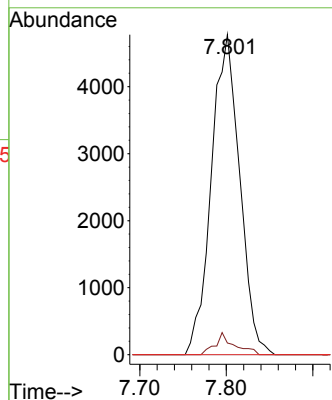
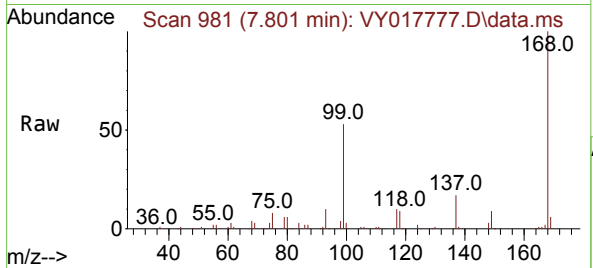




#38
Carbon Tetrachloride
Concen: 5.291 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

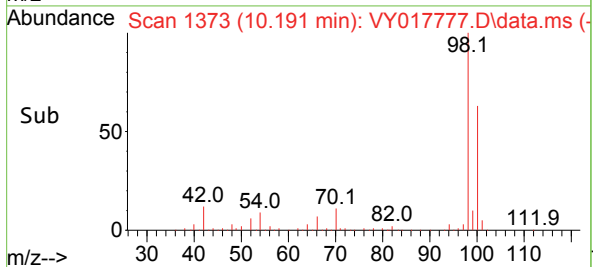
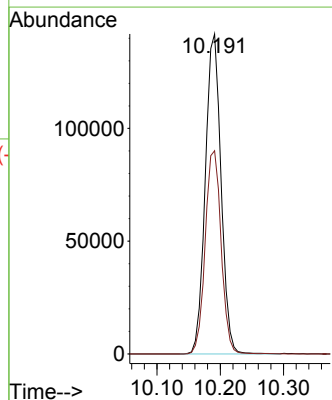
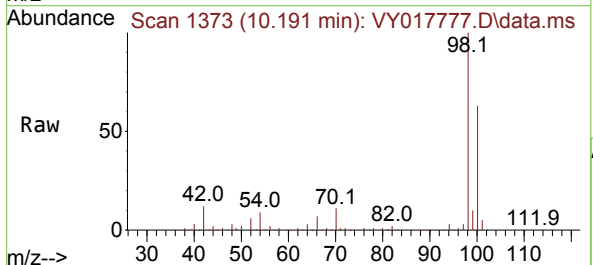
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

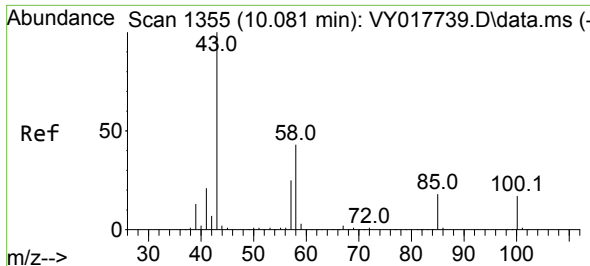
Tgt Ion:117 Resp: 10879
Ion Ratio Lower Upper
117 100
119 3.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.547 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. -0.006 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

Tgt Ion: 98 Resp: 245880
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 6.706 ug/l

RT: 10.075 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017777.D

Acq: 27 Mar 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

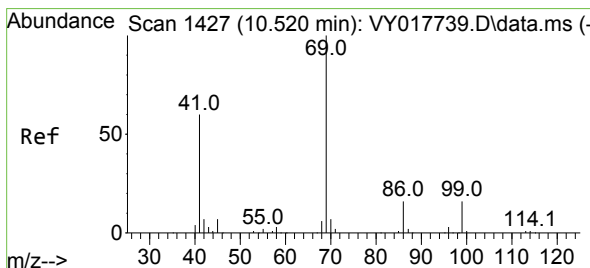
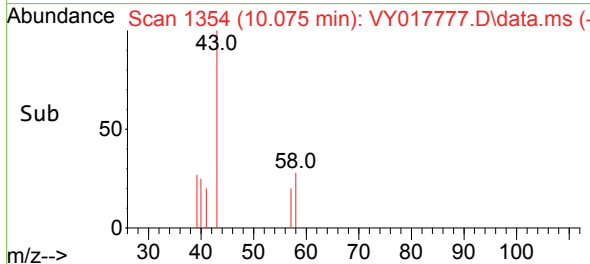
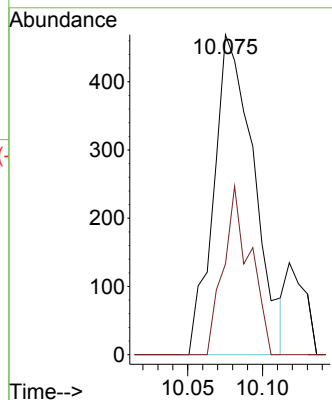
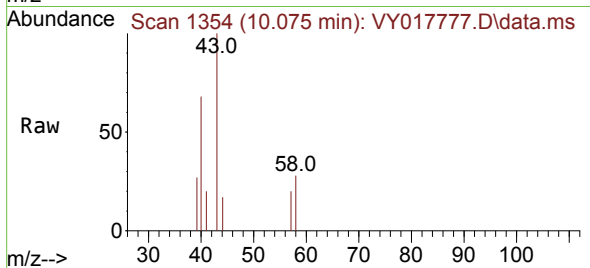
VY0327SBL01

Tgt Ion: 43 Resp: 875

Ion Ratio Lower Upper

43 100

58 35.1 35.7 53.5#



#56

Ethyl methacrylate

Concen: 1.327 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017777.D

Acq: 27 Mar 2024 13:25

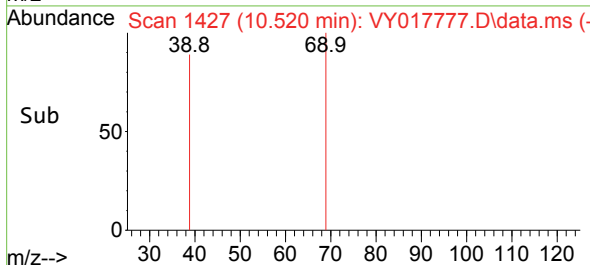
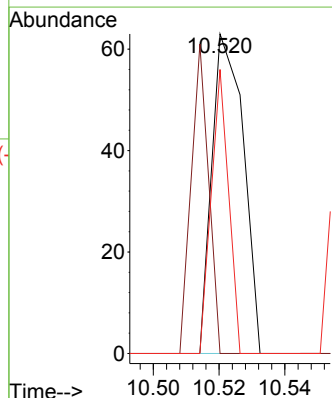
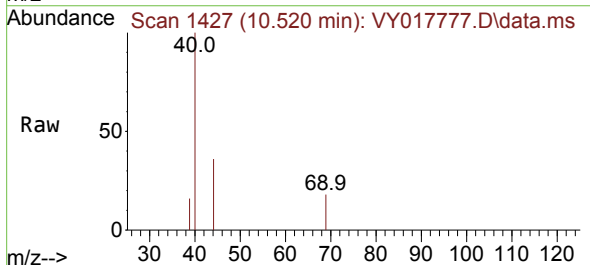
Tgt Ion: 69 Resp: 42

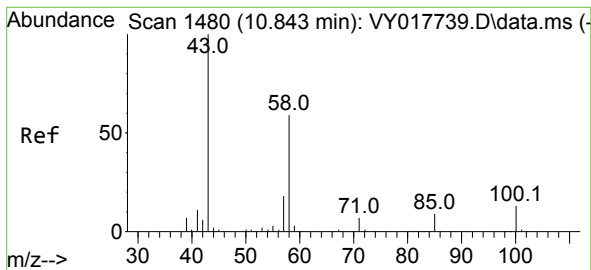
Ion Ratio Lower Upper

69 100

41 52.4 42.3 63.5

39 47.6 22.9 34.3#

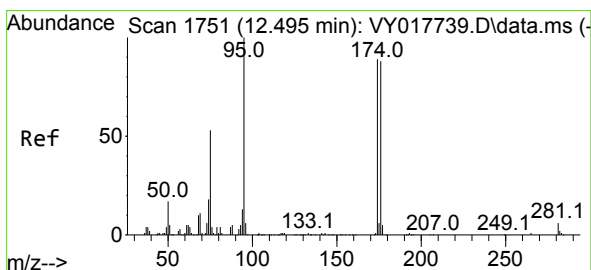
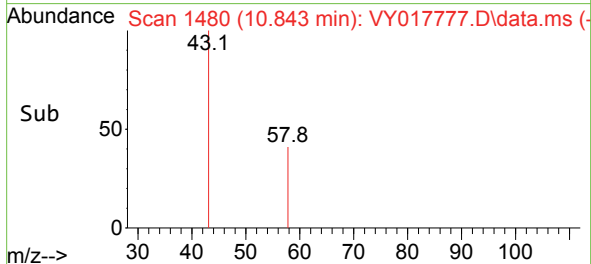
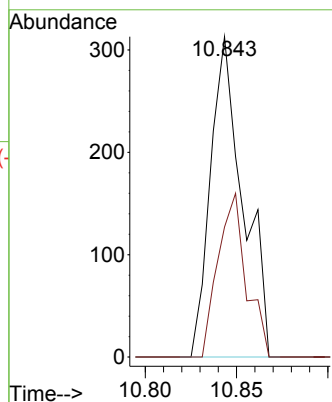
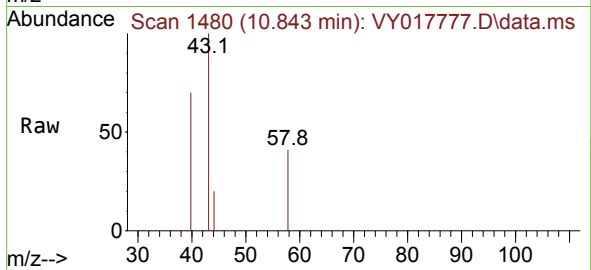




#59
2-Hexanone
Concen: 10.144 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

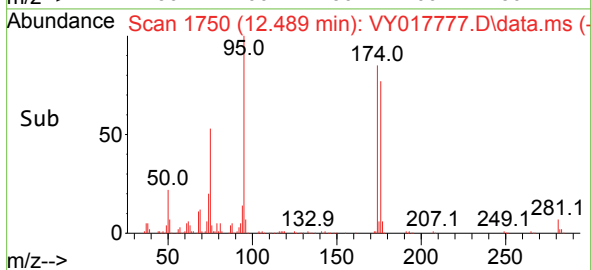
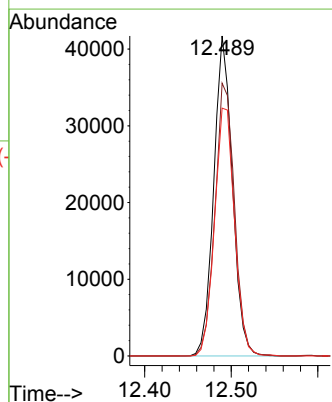
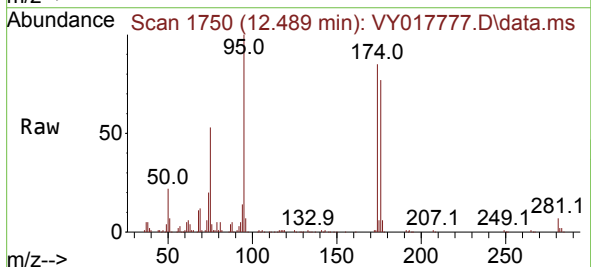
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

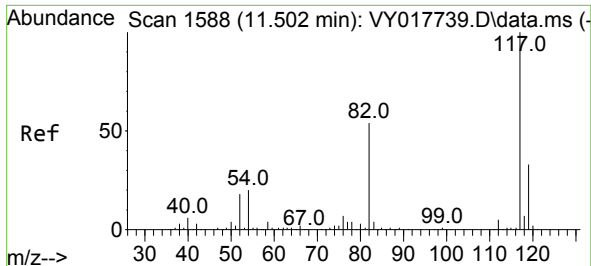
Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
58 44.4 31.4 94.0



#62
4-Bromofluorobenzene
Concen: 42.622 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

Tgt Ion: 95 Resp: 62257
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 83.2 0.0 171.4

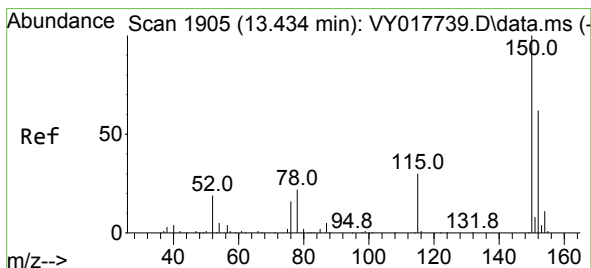
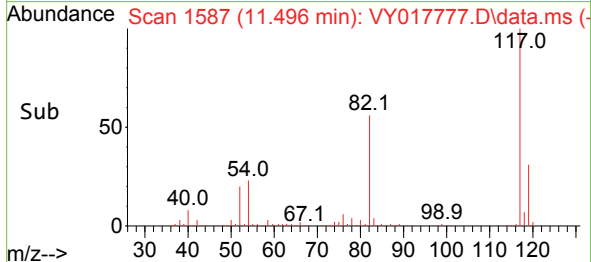
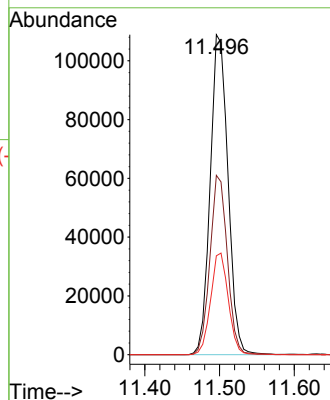
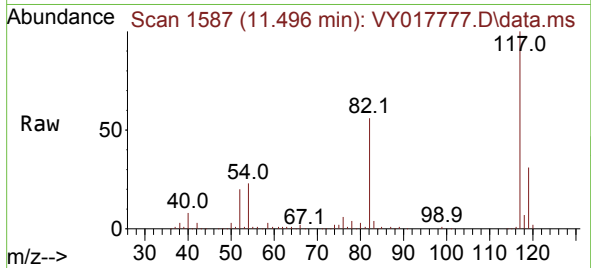




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

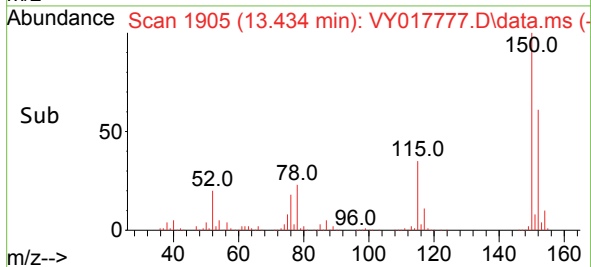
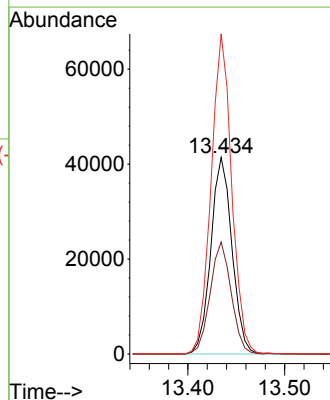
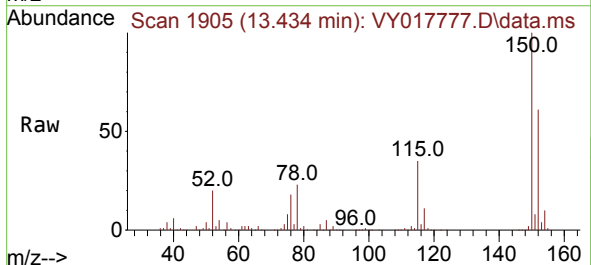
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

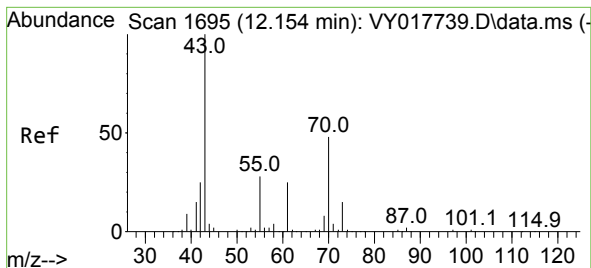
Tgt Ion:117 Resp: 180113
Ion Ratio Lower Upper
117 100
82 56.0 42.4 63.6
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

Tgt Ion:152 Resp: 62895
Ion Ratio Lower Upper
152 100
115 56.6 28.2 84.7
150 159.1 0.0 345.6





#74

N-amy1 acetate

Concen: 2.642 ug/l

RT: 12.148 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017777.D

Acq: 27 Mar 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBL01

Tgt Ion: 43 Resp: 335

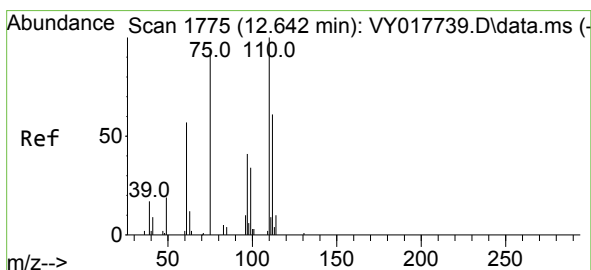
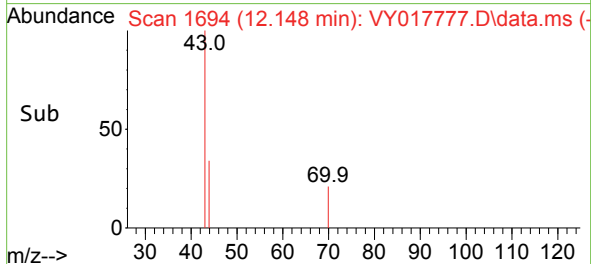
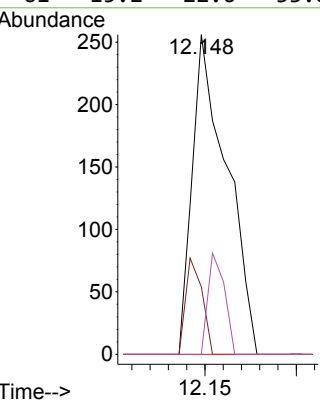
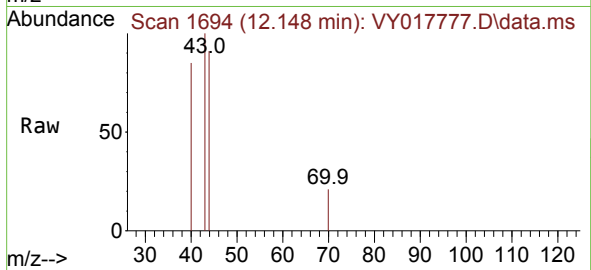
Ion Ratio Lower Upper

43 100

70 14.3 41.4 62.2#

55 0.0 23.3 34.9#

61 15.2 22.6 33.8#



#76

1,2,3-Trichloropropane

Concen: 58.409 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017777.D

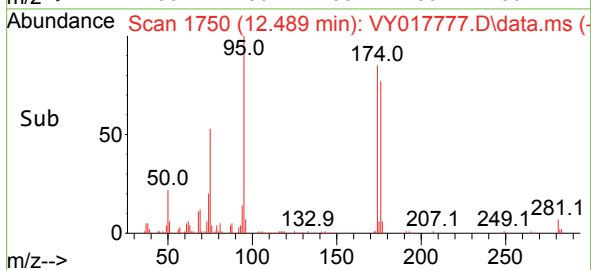
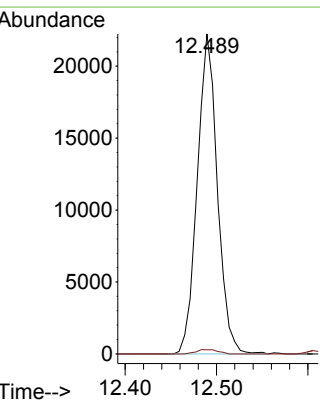
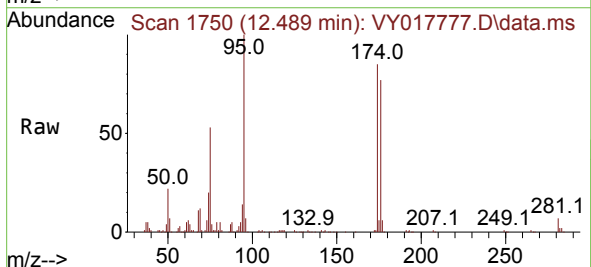
Acq: 27 Mar 2024 13:25

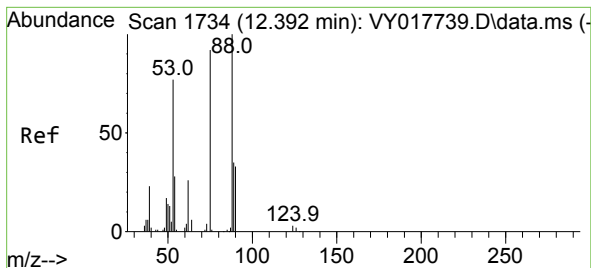
Tgt Ion: 75 Resp: 33924

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

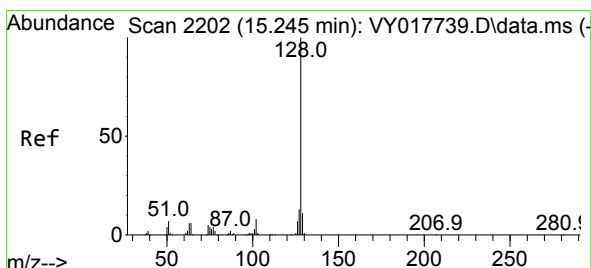
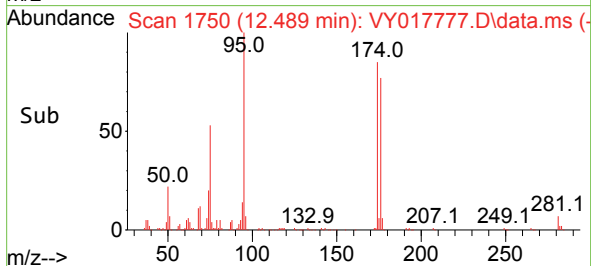
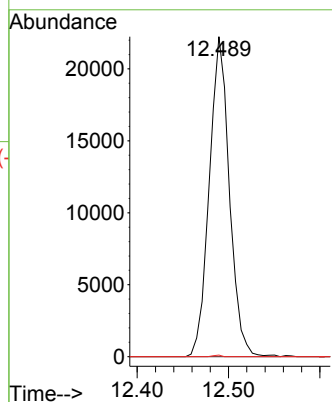
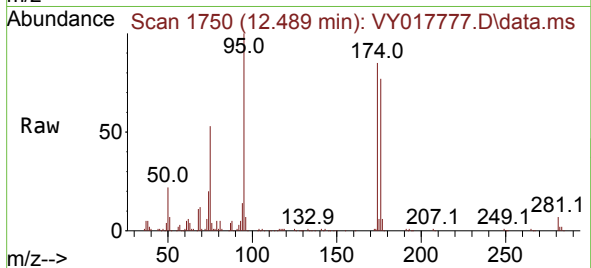




#81
trans-1,4-Dichloro-2-butene
Concen: 134.967 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.098 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

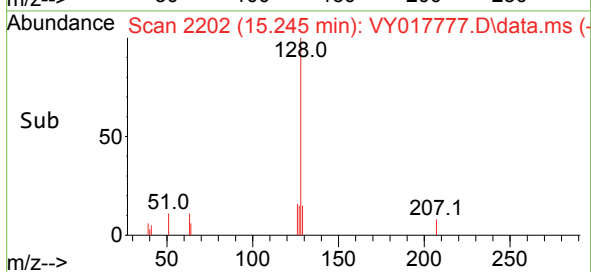
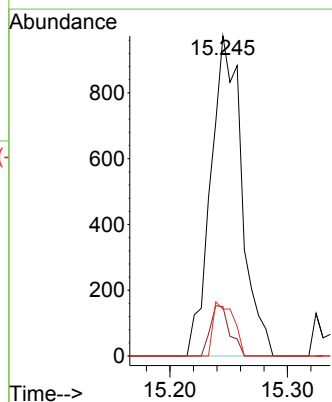
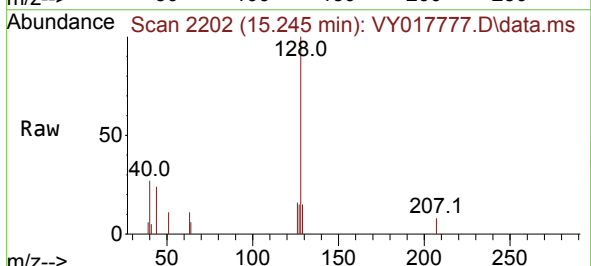
Instrument :
MSVOA_Y
ClientSampleId :
VY0327SBL01

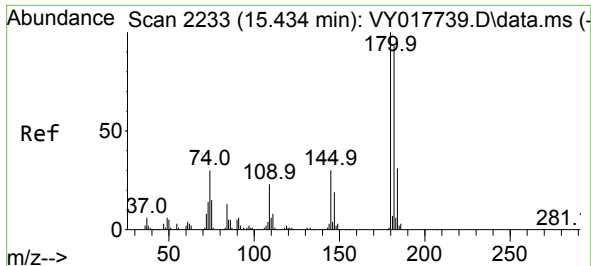
Tgt Ion: 75 Resp: 33924
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#



#95
Naphthalene
Concen: 3.649 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017777.D
Acq: 27 Mar 2024 13:25

Tgt Ion: 128 Resp: 1786
Ion Ratio Lower Upper
128 100
127 9.9 10.6 16.0#
129 11.0 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 1.175 ug/l

RT: 15.434 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY017777.D

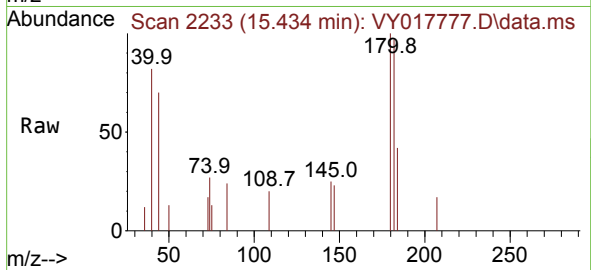
Acq: 27 Mar 2024 13:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0327SBL01



Tgt Ion:180 Resp: 853

Ion Ratio Lower Upper

180 100

182 91.0 47.6 142.9

145 33.4 15.4 46.1

