

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017477.D
 Acq On : 26 Feb 2024 13:03
 Operator : SY/MD
 Sample : VY0226SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBL01

Quant Time: Feb 27 01:50:52 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)

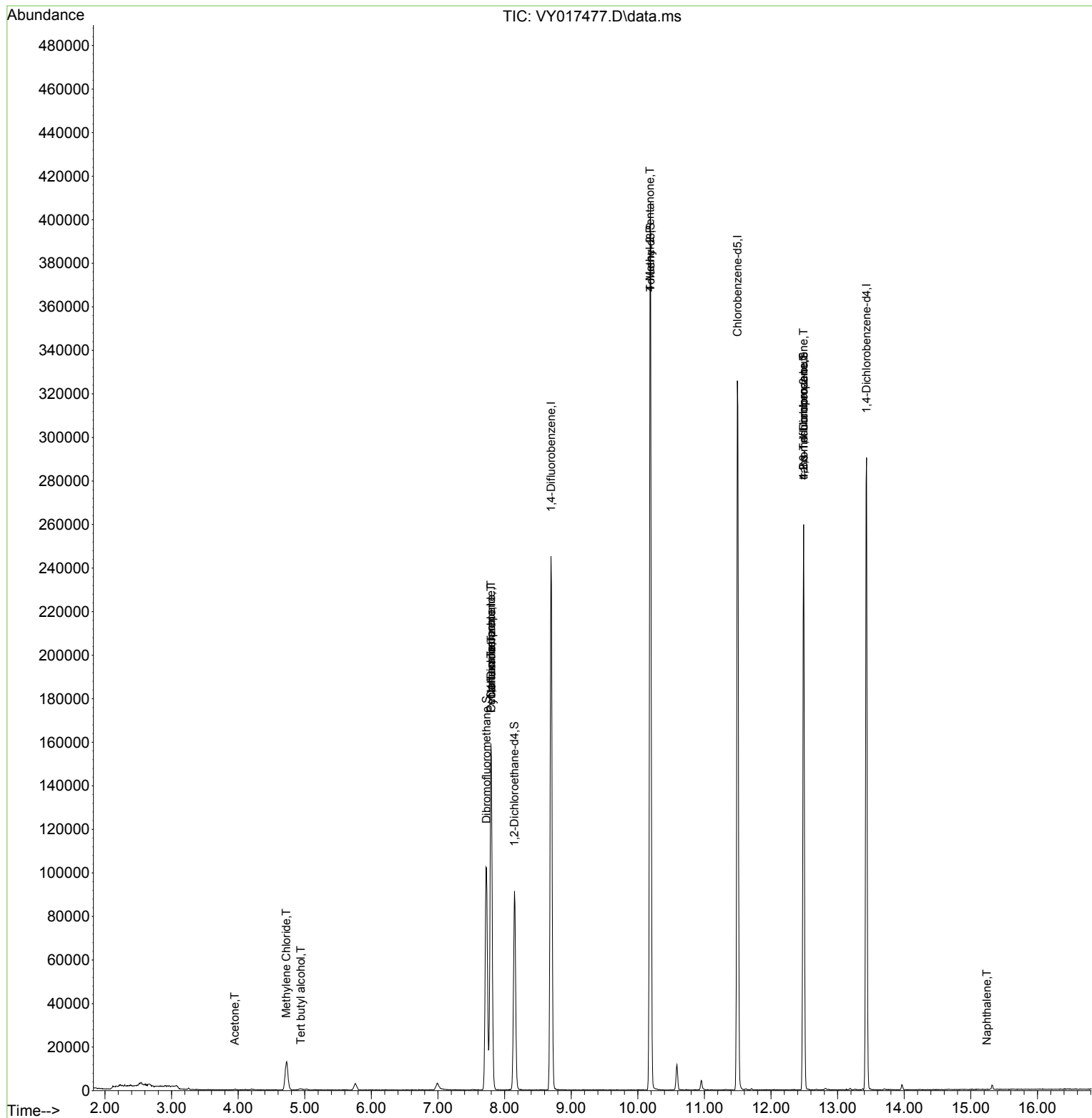
Internal Standards						
1) Pentafluorobenzene	7.801	168	130309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	222702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	189511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	67561	54.706	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.420%			
35) Dibromofluoromethane	7.728	113	75563	48.692	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.380%			
50) Toluene-d8	10.191	98	276640	50.985	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.980%			
62) 4-Bromofluorobenzene	12.489	95	75287	44.151	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 88.300%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	612	5.834	ug/l #	88
16) Acetone	3.948	43	490	2.046	ug/l	100
20) Methylene Chloride	4.722	84	10556	2.272	ug/l	93
31) Cyclohexane	7.801	56	2327	1.158	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9239	4.413	ug/l #	47
38) Carbon Tetrachloride	7.795	117	12216	5.821	ug/l #	18
51) 4-Methyl-2-Pentanone	10.185	43	914	1.129	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	38141	51.025	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	38141	117.243	ug/l #	16
95) Naphthalene	15.238	128	101	3.952	ug/l #	69

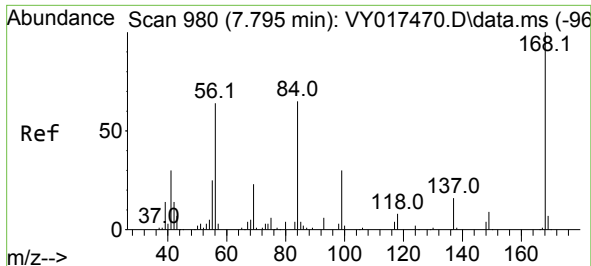
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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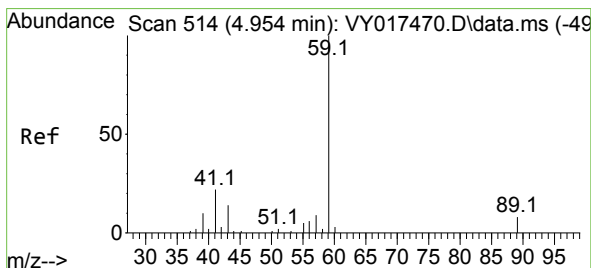
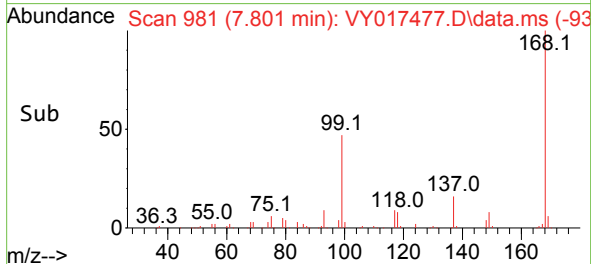
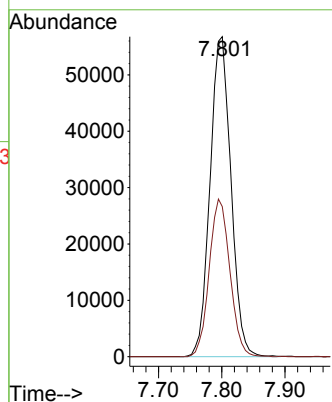
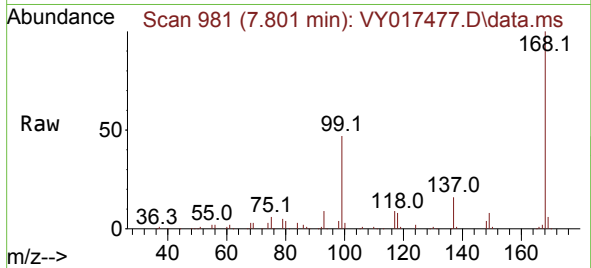




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

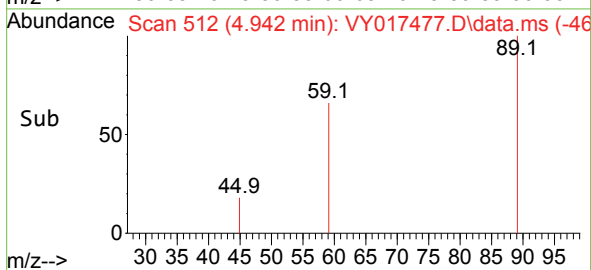
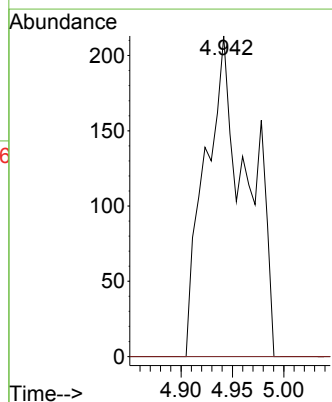
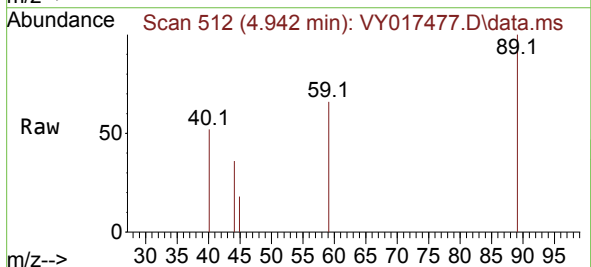
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

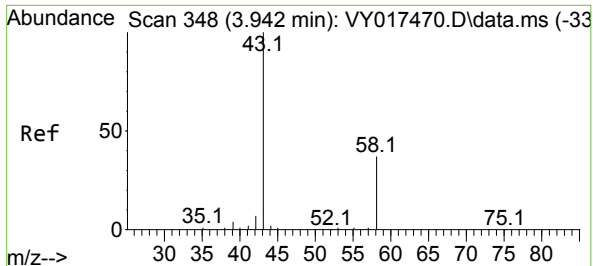
Tgt Ion:168 Resp: 130309
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 5.834 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.012 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

Tgt Ion: 59 Resp: 612
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.046 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY017477.D

Acq: 26 Feb 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

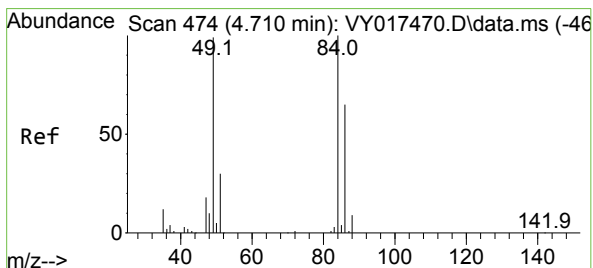
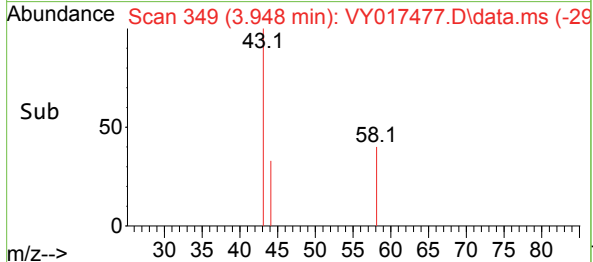
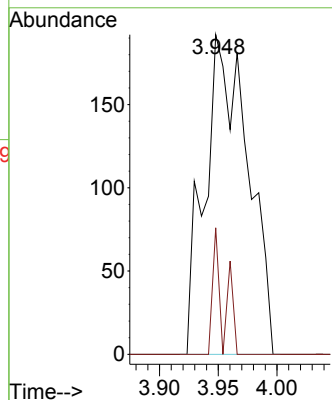
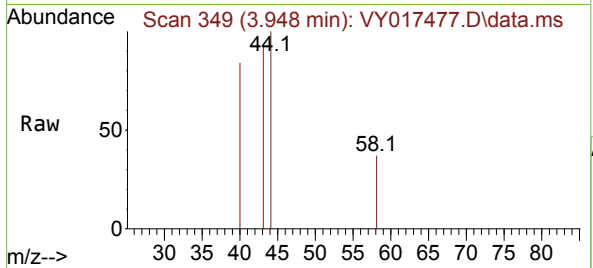
VY0226SBL01

Tgt Ion: 43 Resp: 490

Ion Ratio Lower Upper

43 100

58 39.6 31.7 47.5



#20

Methylene Chloride

Concen: 2.272 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY017477.D

Acq: 26 Feb 2024 13:03

Tgt Ion: 84 Resp: 10556

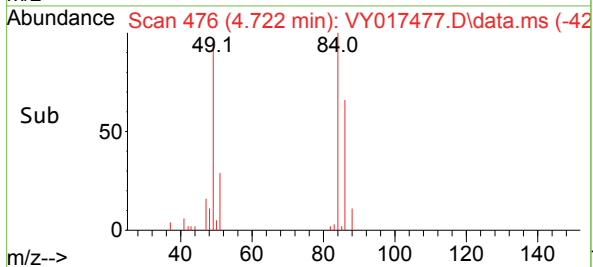
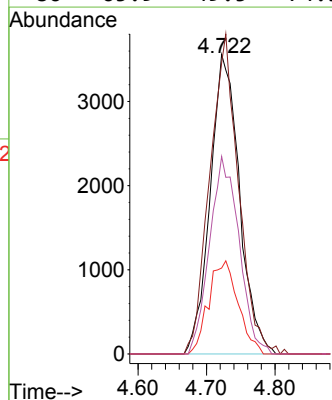
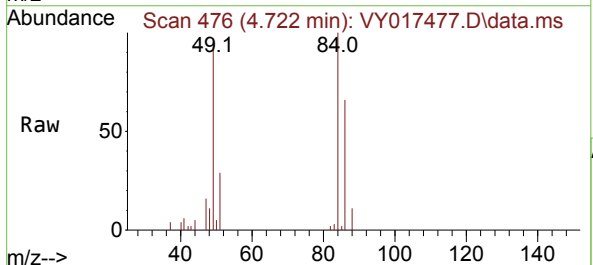
Ion Ratio Lower Upper

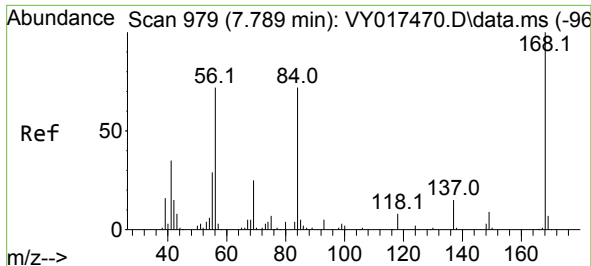
84 100

49 97.2 84.4 126.6

51 28.7 26.0 39.0

86 65.9 49.5 74.3

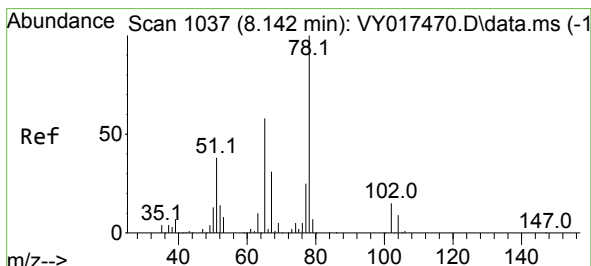
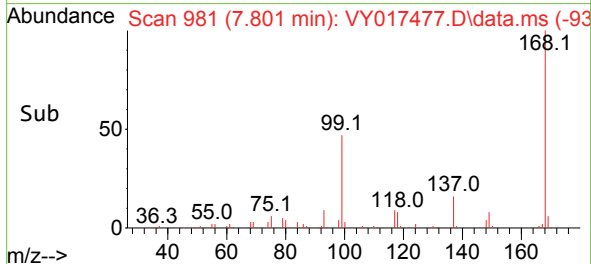
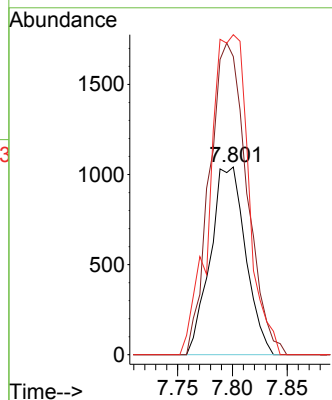
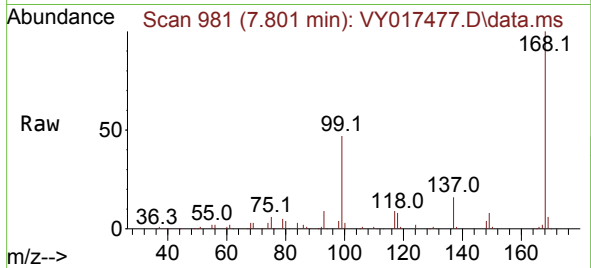




#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

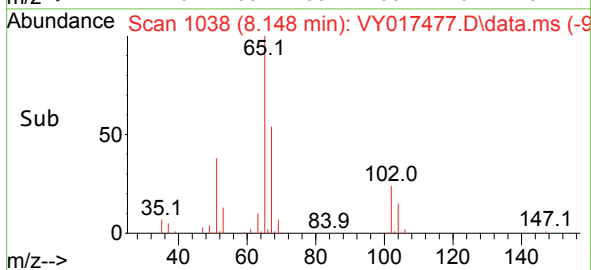
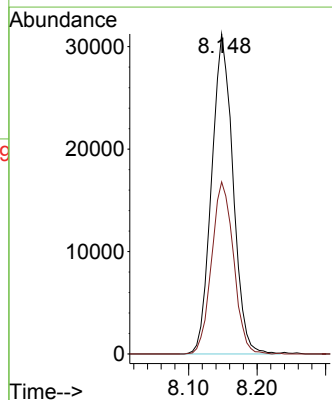
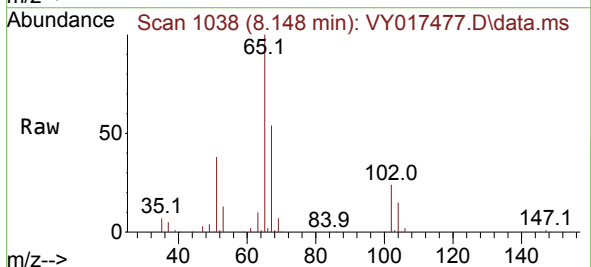
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

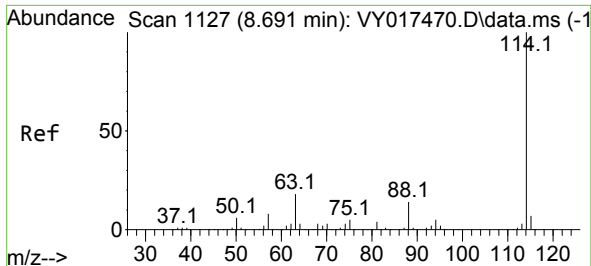
Tgt Ion: 56 Resp: 2327
Ion Ratio Lower Upper
56 100
69 158.7 28.7 43.1#
84 170.4 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 54.706 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

Tgt Ion: 65 Resp: 67561
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017477.D

Acq: 26 Feb 2024 13:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0226SBL01

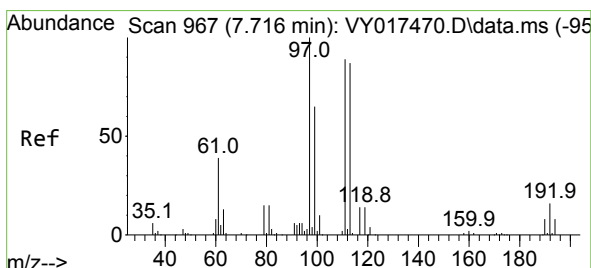
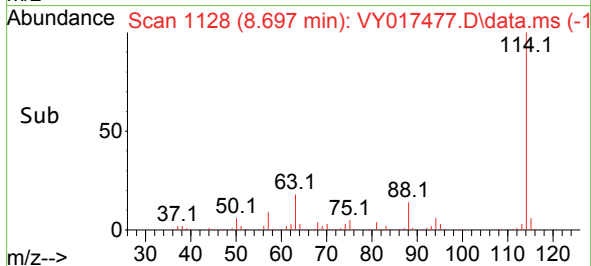
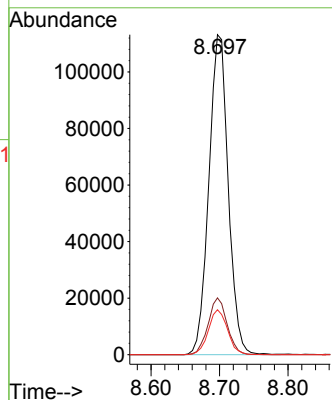
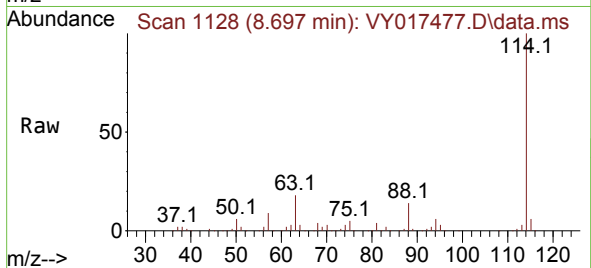
Tgt Ion:114 Resp: 222702

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 14.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.692 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017477.D

Acq: 26 Feb 2024 13:03

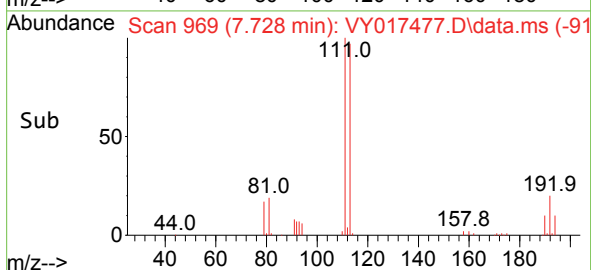
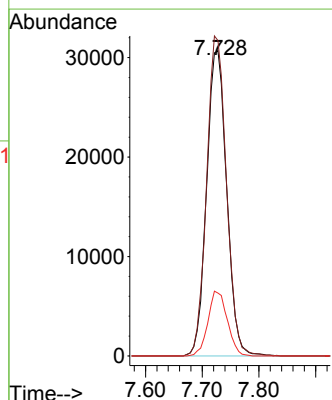
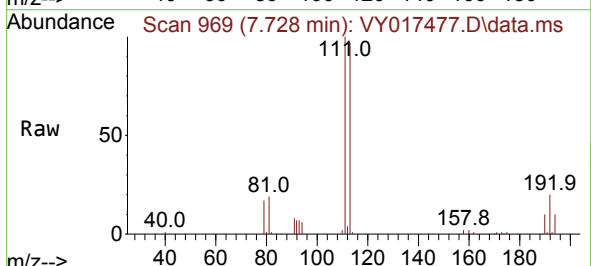
Tgt Ion:113 Resp: 75563

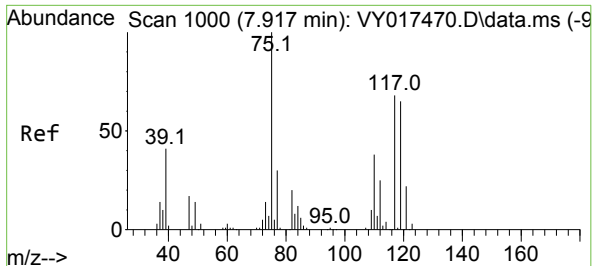
Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

192 20.4 15.9 23.9

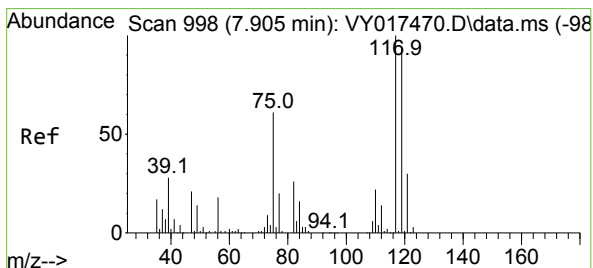
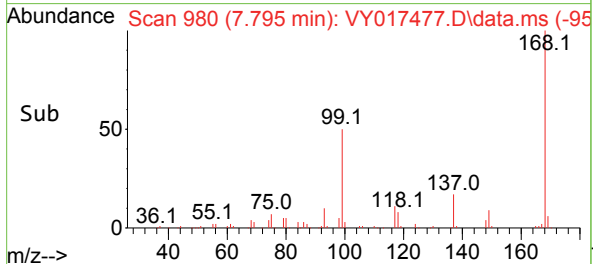
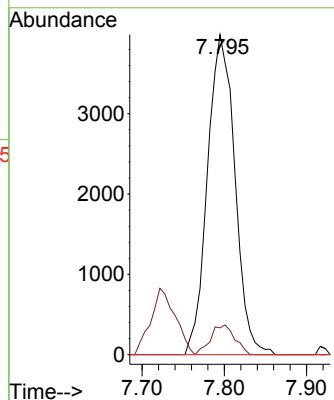
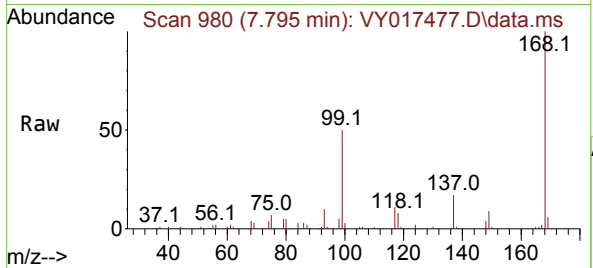




#36
1,1-Dichloropropene
Concen: 4.413 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

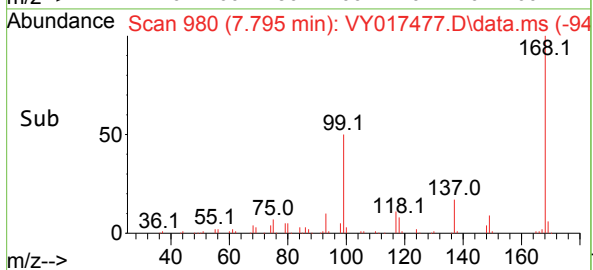
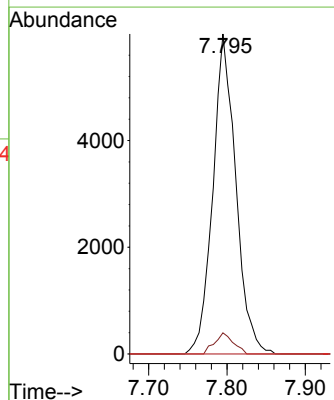
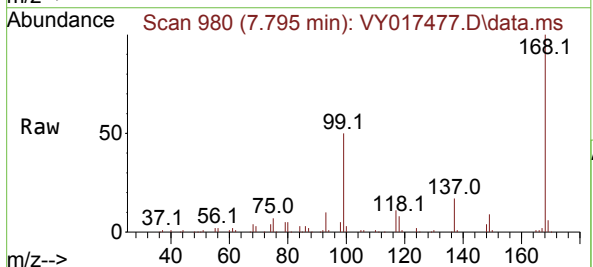
Instrument :
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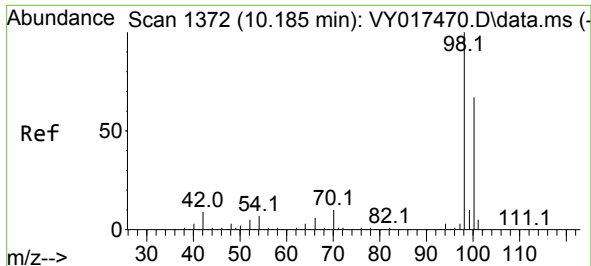
Tgt Ion: 75 Resp: 9239
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.821 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

Tgt Ion: 117 Resp: 12216
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.0 36.0#

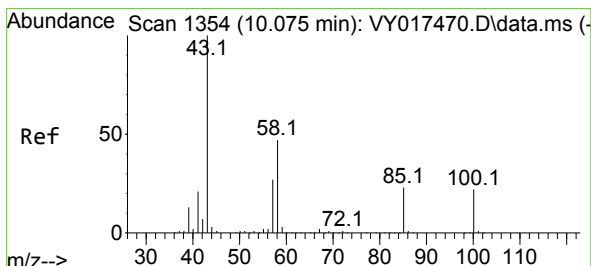
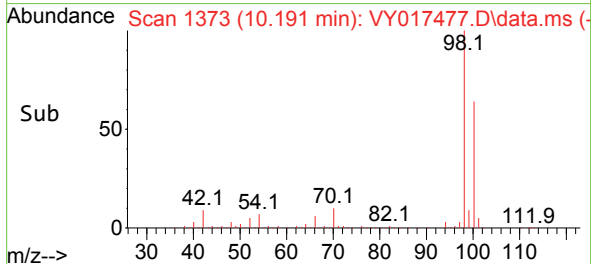
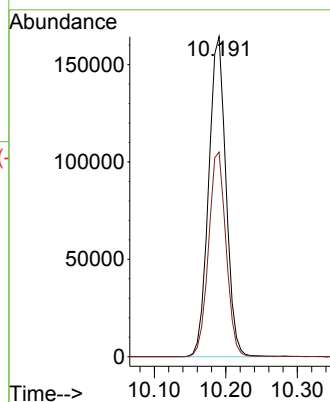
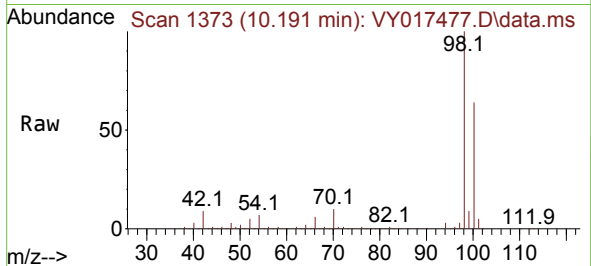




#50
Toluene-d8
Concen: 50.985 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

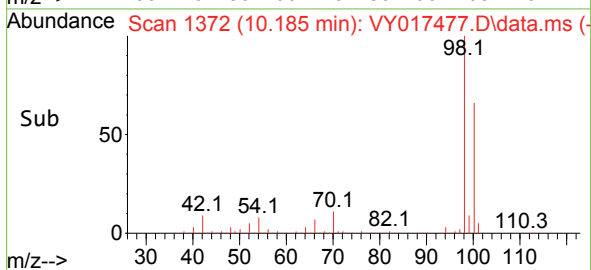
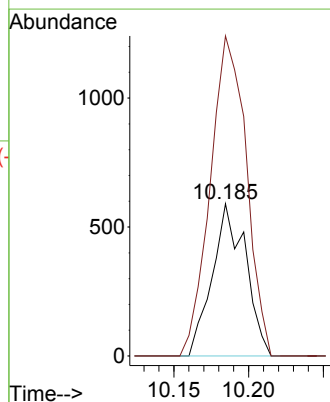
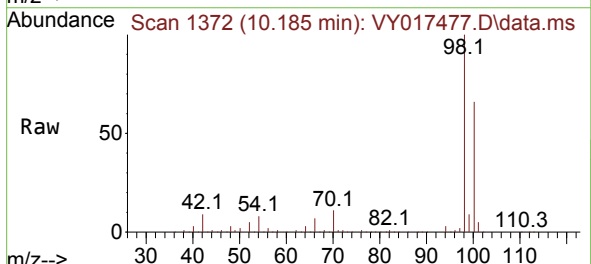
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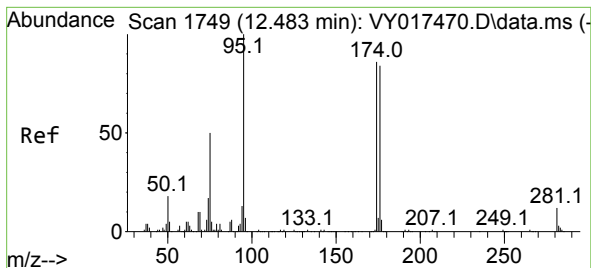
Tgt Ion: 98 Resp: 276640
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.129 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

Tgt Ion: 43 Resp: 914
Ion Ratio Lower Upper
43 100
58 227.8 35.7 53.5#

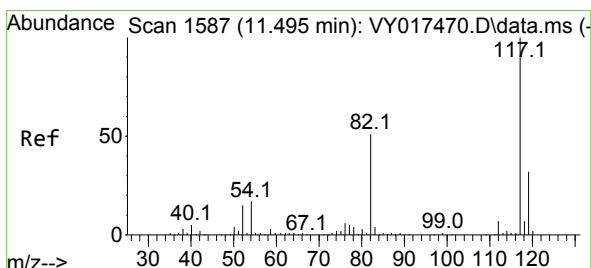
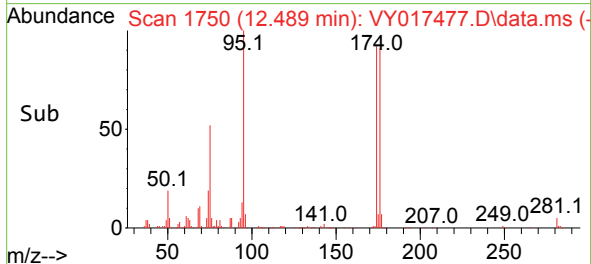
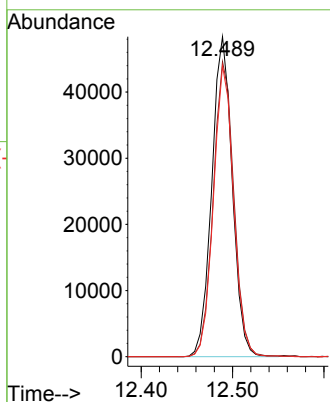
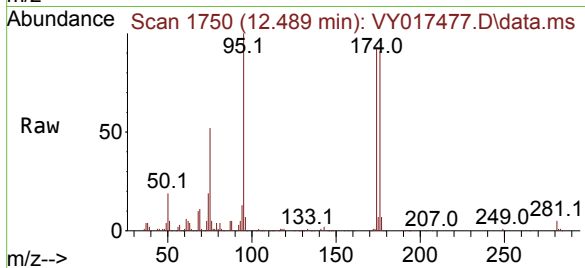




#62
4-Bromofluorobenzene
Concen: 44.151 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

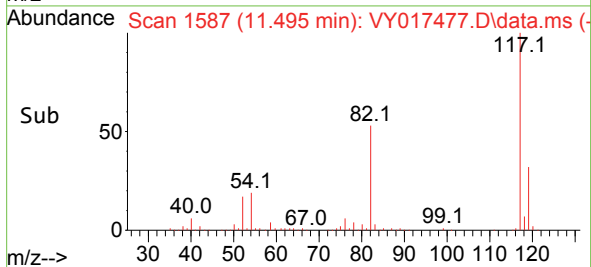
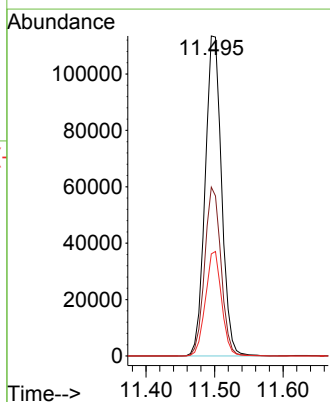
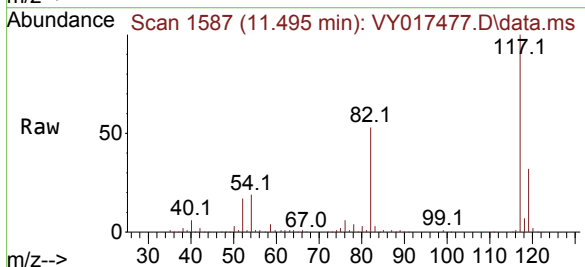
Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

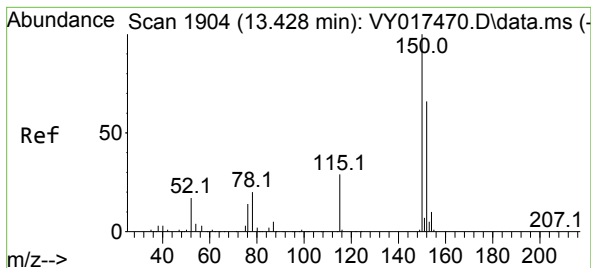
Tgt Ion: 95 Resp: 75287
Ion Ratio Lower Upper
95 100
174 93.0 0.0 175.6
176 89.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

Tgt Ion: 117 Resp: 189511
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 31.9 25.9 38.9

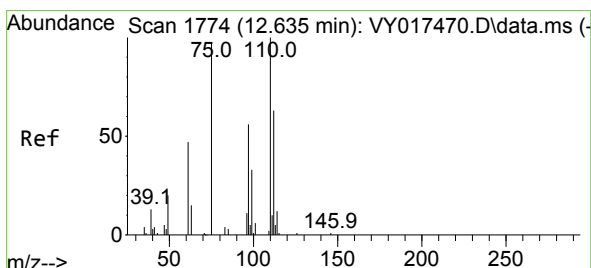
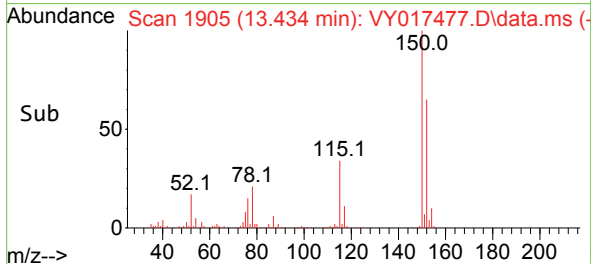
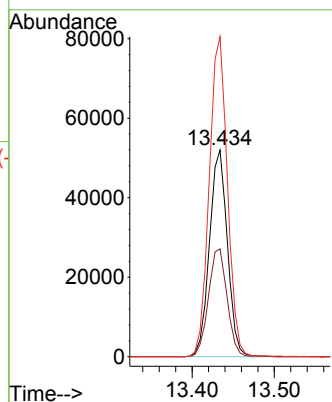
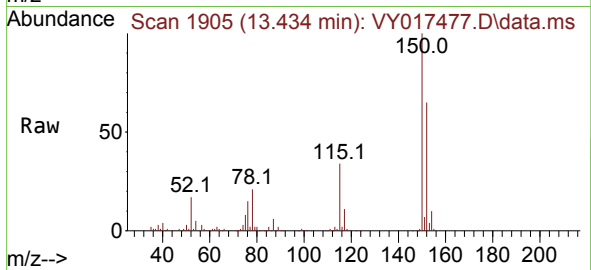




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY017477.D
 Acq: 26 Feb 2024 13:03

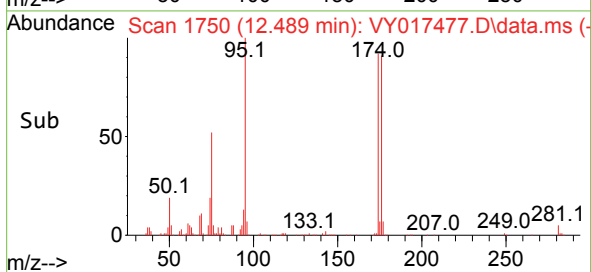
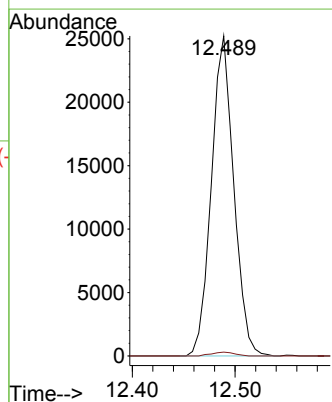
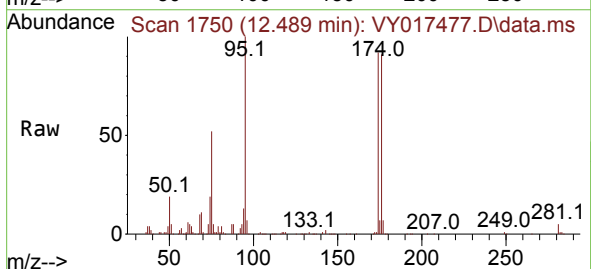
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBL01

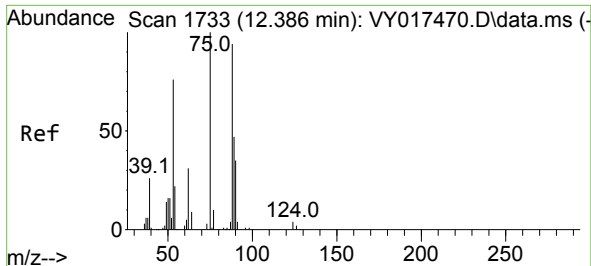
Tgt Ion:152 Resp: 78672
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 156.8 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 51.025 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.147 min
 Lab File: VY017477.D
 Acq: 26 Feb 2024 13:03

Tgt Ion: 75 Resp: 38141
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

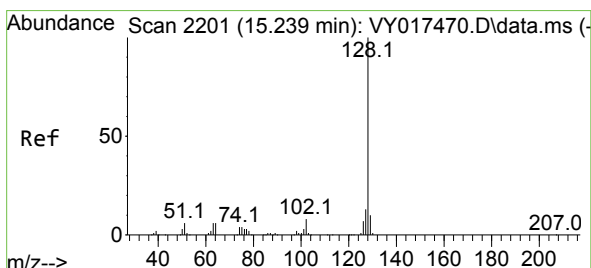
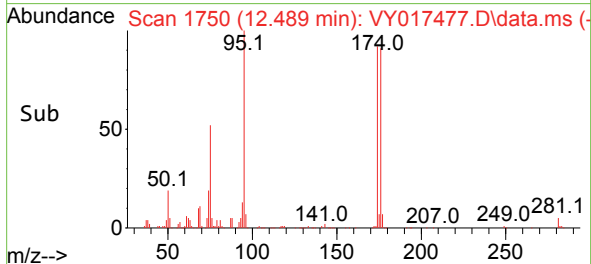
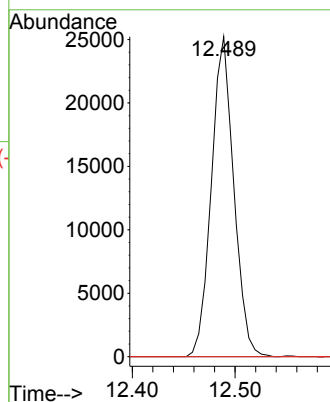
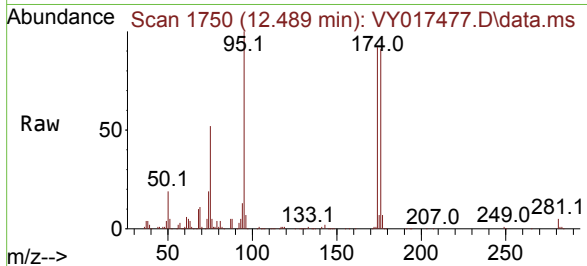




#81
trans-1,4-Dichloro-2-butene
Concen: 117.243 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :
VY0226SBL01

Tgt Ion: 75 Resp: 38141
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 3.952 ug/l
RT: 15.238 min Scan# 2201
Delta R.T. -0.001 min
Lab File: VY017477.D
Acq: 26 Feb 2024 13:03

Tgt Ion:128 Resp: 101
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

