

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
 Data File : VY017553.D
 Acq On : 01 Mar 2024 16:13
 Operator : SY/MD
 Sample : P1620-21
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3RE

Quant Time: Mar 02 00:20:18 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)

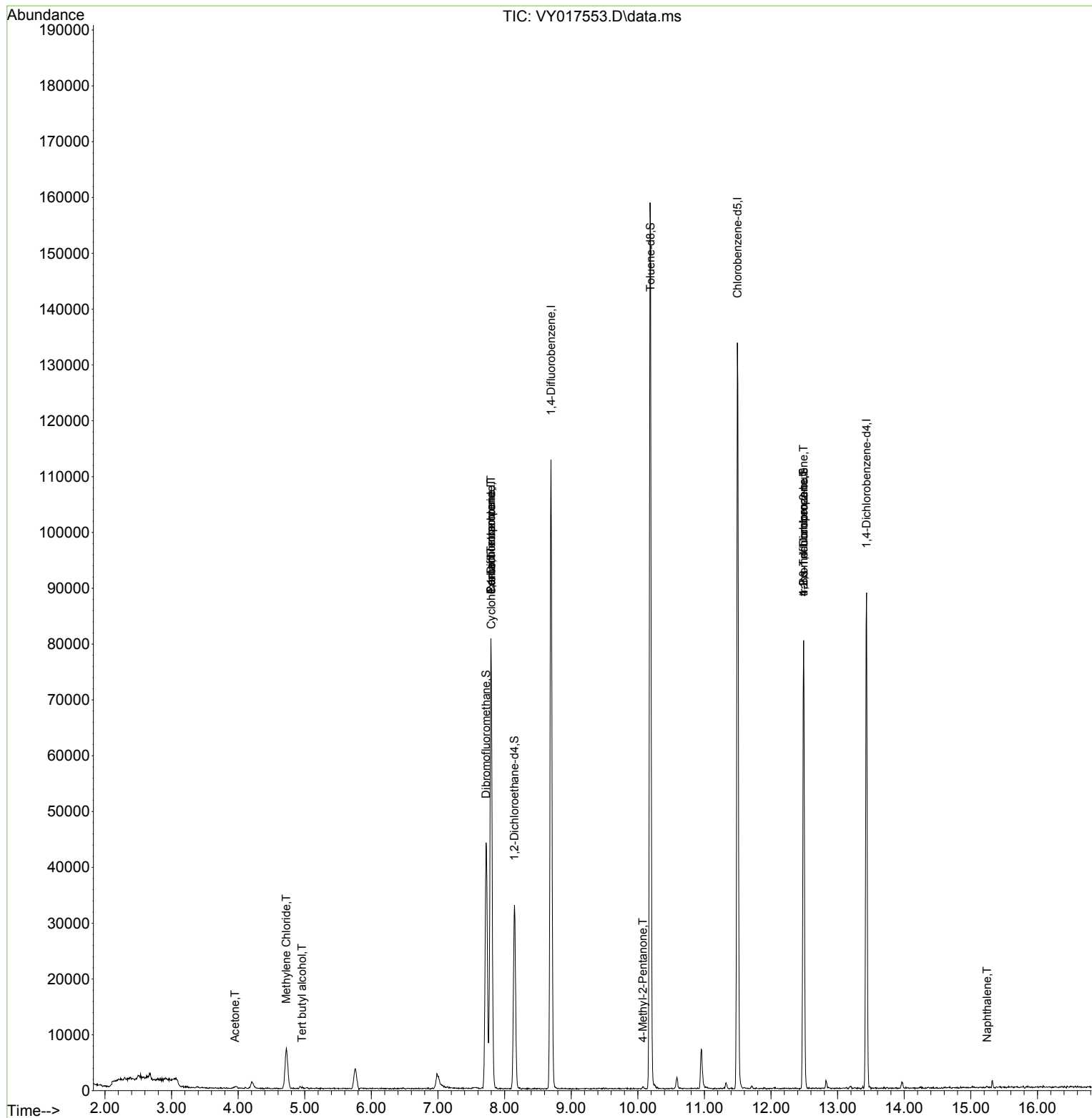
Internal Standards						
1) Pentafluorobenzene	7.795	168	65604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	100582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	77880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	25403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	24794	39.878	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.760%		
35) Dibromofluoromethane	7.722	113	31991	45.644	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.280%		
50) Toluene-d8	10.191	98	112122	45.754	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	91.500%		
62) 4-Bromofluorobenzene	12.489	95	24197	31.419	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	62.840%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	176	3.332	ug/l #	88
16) Acetone	3.954	43	701	5.813	ug/l #	73
20) Methylene Chloride	4.722	84	5770	2.994	ug/l	97
31) Cyclohexane	7.801	56	1230	1.216	ug/l #	7
36) 1,1-Dichloropropene	7.795	75	4951	5.236	ug/l #	47
38) Carbon Tetrachloride	7.795	117	6201	6.543	ug/l #	19
51) 4-Methyl-2-Pentanone	10.075	43	379	1.036	ug/l #	52
76) 1,2,3-Trichloropropane	12.489	75	12326	51.067	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	12326	117.341	ug/l #	16
95) Naphthalene	15.245	128	180	4.123	ug/l #	69

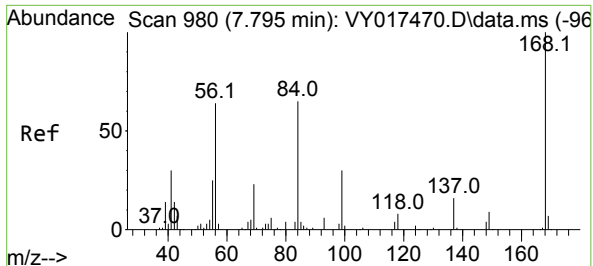
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030124\
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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

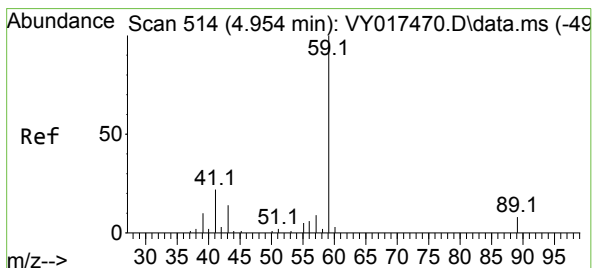
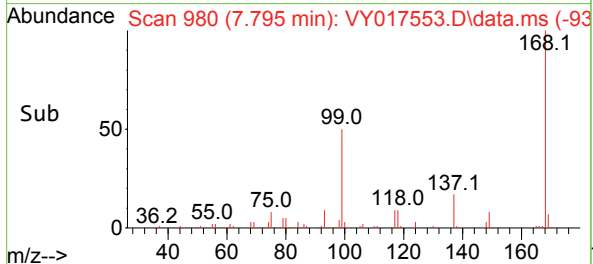
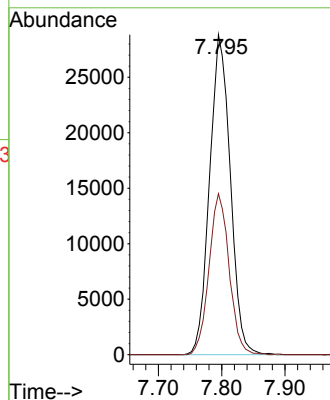
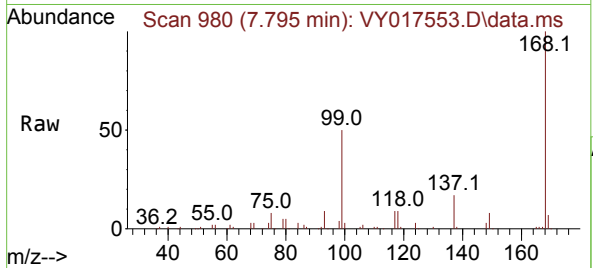




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.000 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

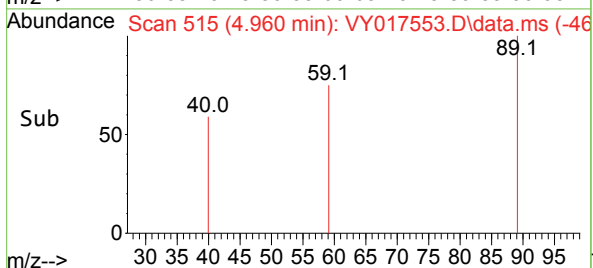
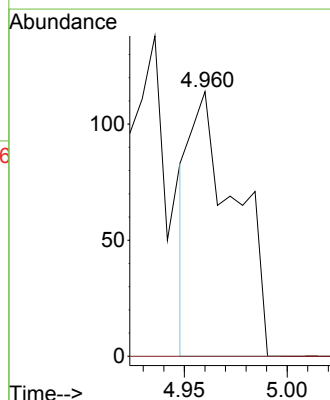
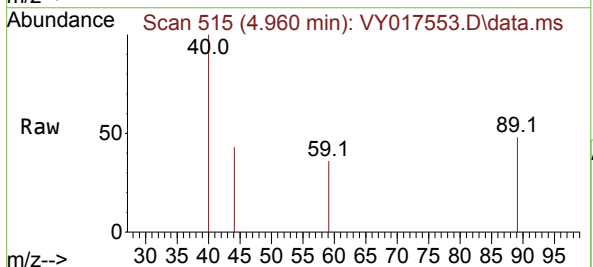
Instrument :
MSVOA_Y
ClientSampleId :
SP-3RE

Tgt Ion:168 Resp: 65604
Ion Ratio Lower Upper
168 100
99 50.3 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.332 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

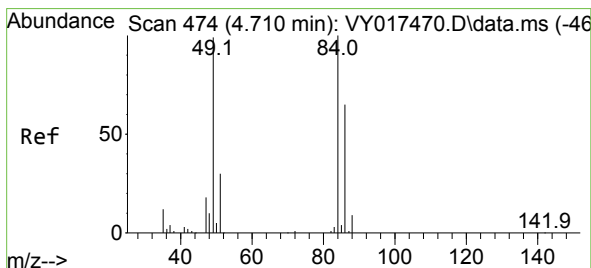
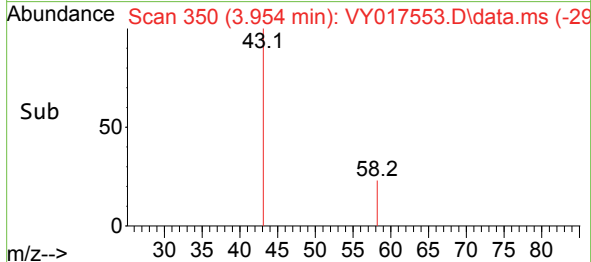
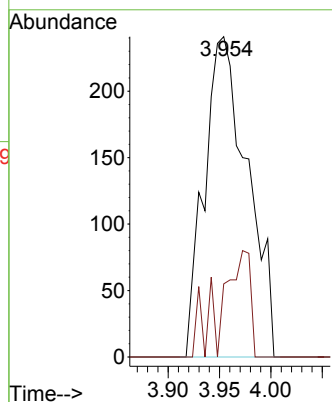
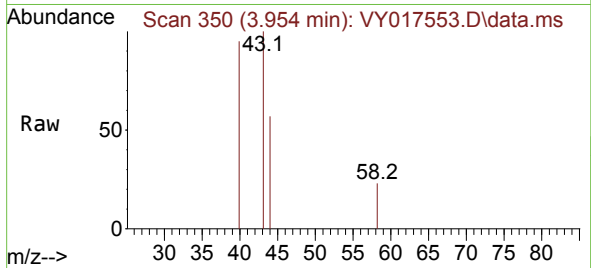




#16
Acetone
Concen: 5.813 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

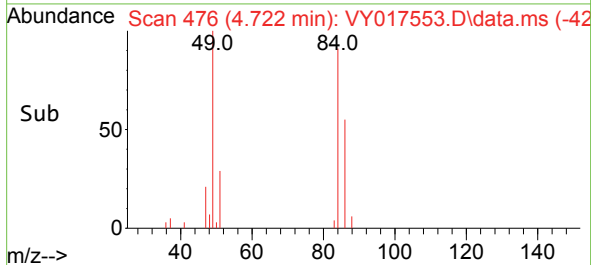
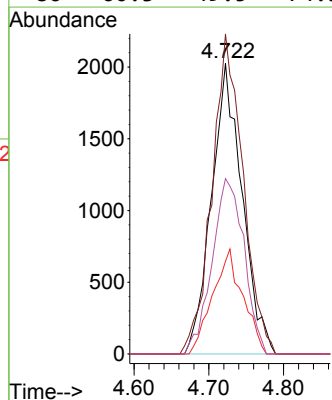
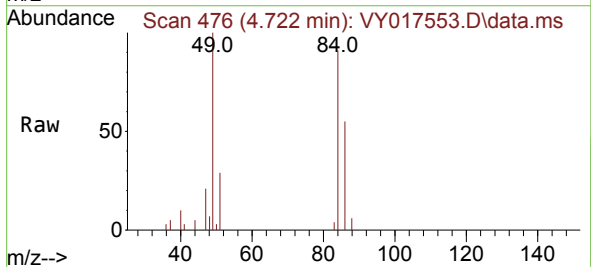
Instrument :
MSVOA_Y
ClientSampleId :
SP-3RE

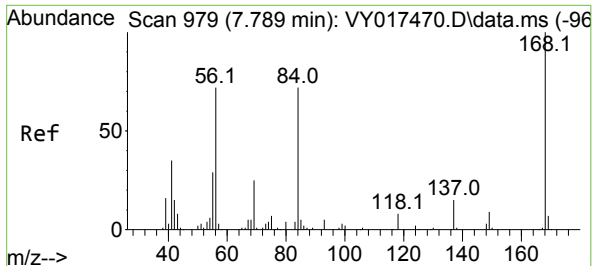
Tgt Ion: 43 Resp: 701
Ion Ratio Lower Upper
43 100
58 22.8 31.7 47.5#



#20
Methylene Chloride
Concen: 2.994 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

Tgt Ion: 84 Resp: 5770
Ion Ratio Lower Upper
84 100
49 110.1 84.4 126.6
51 31.9 26.0 39.0
86 60.3 49.5 74.3

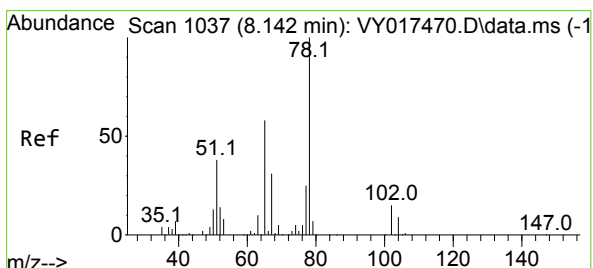
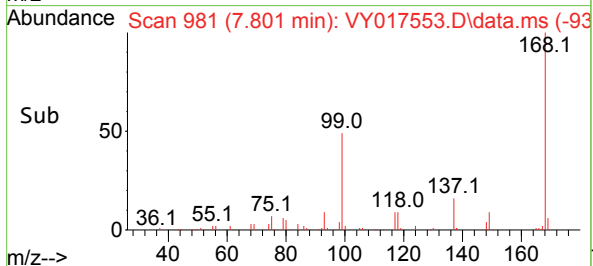
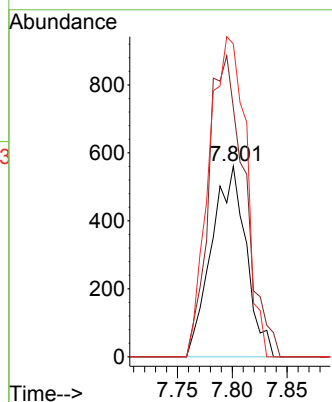
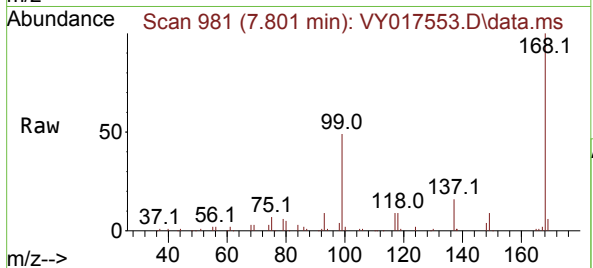




#31
Cyclohexane
Concen: 1.216 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

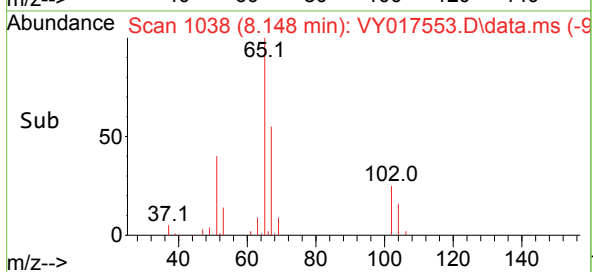
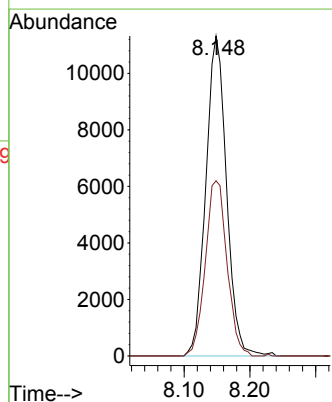
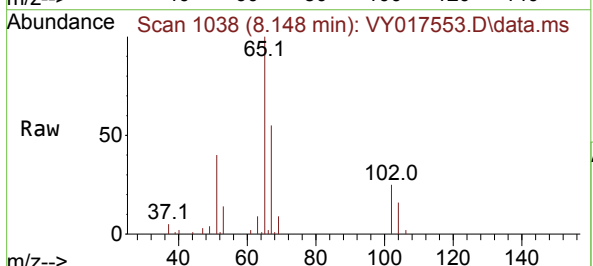
Instrument :
MSVOA_Y
ClientSampleId :
SP-3RE

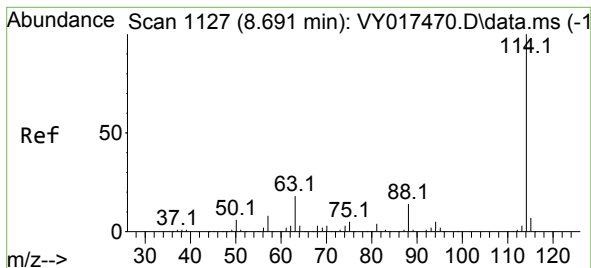
Tgt Ion: 56 Resp: 1230
Ion Ratio Lower Upper
56 100
69 130.7 28.7 43.1#
84 164.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 39.878 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

Tgt Ion: 65 Resp: 24794
Ion Ratio Lower Upper
65 100
67 57.3 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: VY017553.D

Acq: 01 Mar 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :

SP-3RE

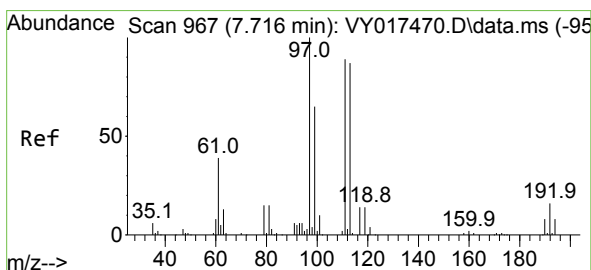
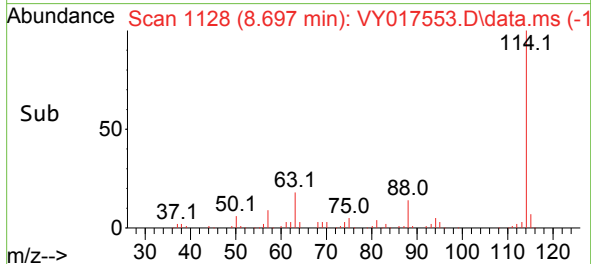
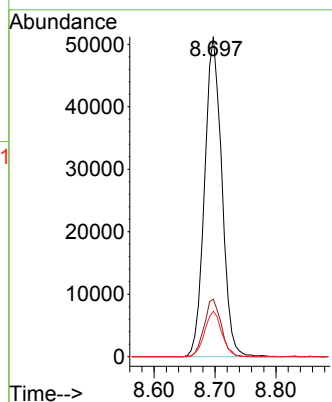
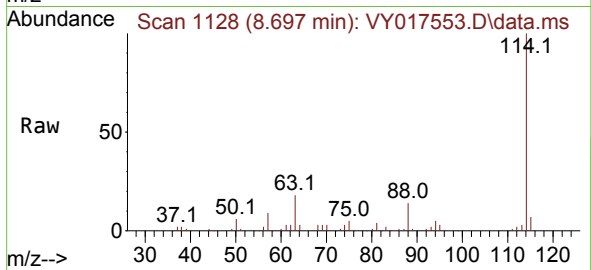
Tgt Ion:114 Resp: 100582

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.644 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017553.D

Acq: 01 Mar 2024 16:13

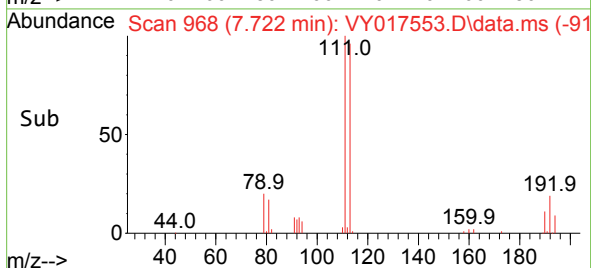
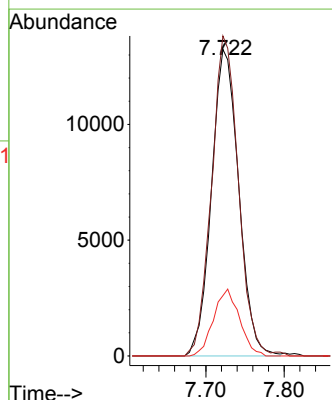
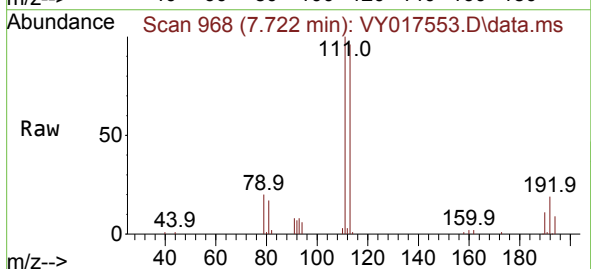
Tgt Ion:113 Resp: 31991

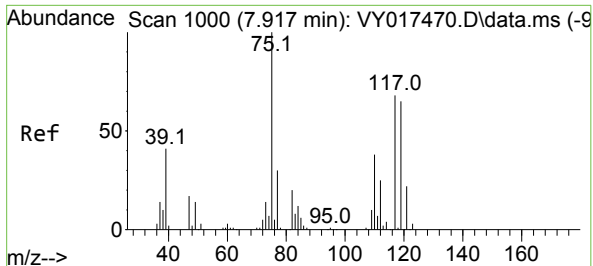
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 20.8 15.9 23.9

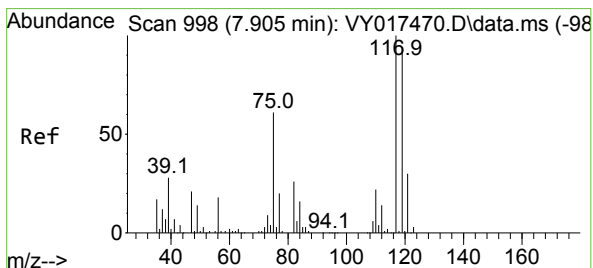
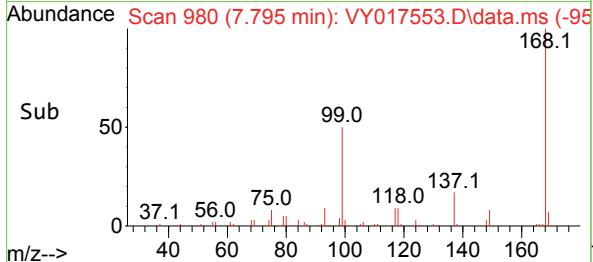
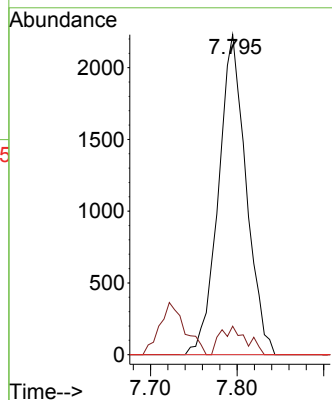
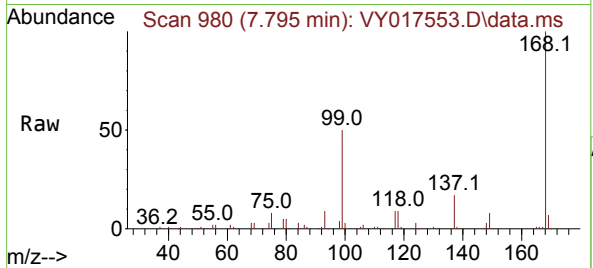




#36
1,1-Dichloropropene
Concen: 5.236 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

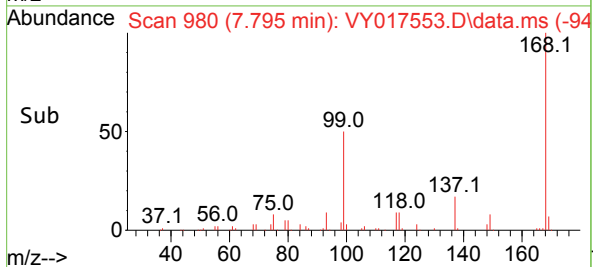
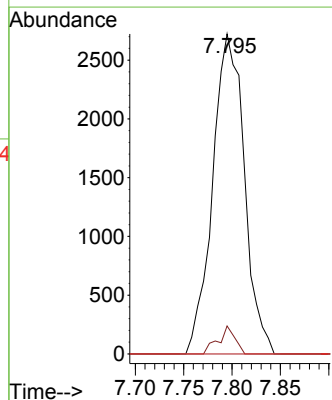
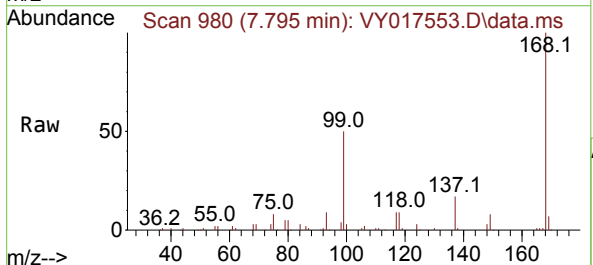
Instrument :
MSVOA_Y
ClientSampleId :
SP-3RE

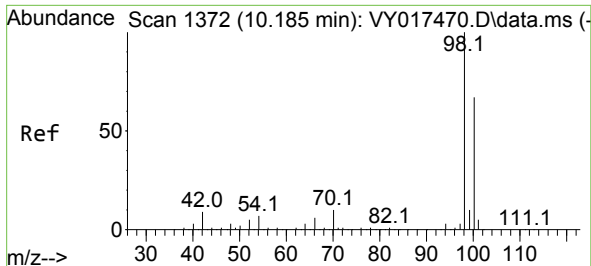
Tgt Ion: 75 Resp: 4951
Ion Ratio Lower Upper
75 100
110 8.3 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.543 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

Tgt Ion: 117 Resp: 6201
Ion Ratio Lower Upper
117 100
119 8.7 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 45.754 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017553.D

Acq: 01 Mar 2024 16:13

Instrument :

MSVOA_Y

ClientSampleId :

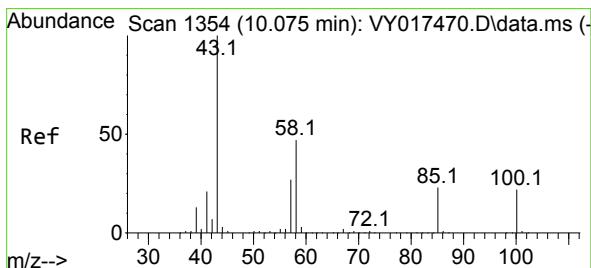
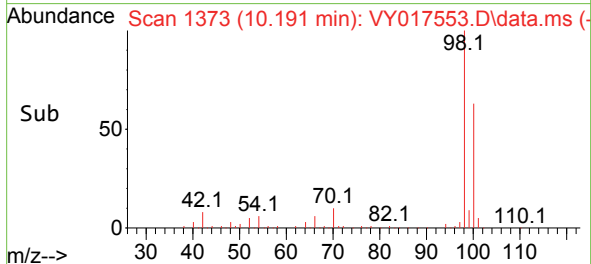
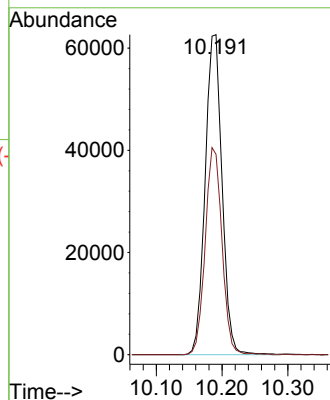
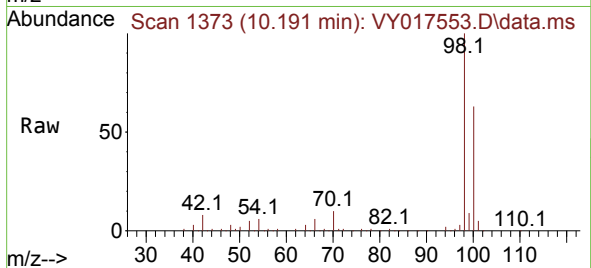
SP-3RE

Tgt Ion: 98 Resp: 112122

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.036 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.000 min

Lab File: VY017553.D

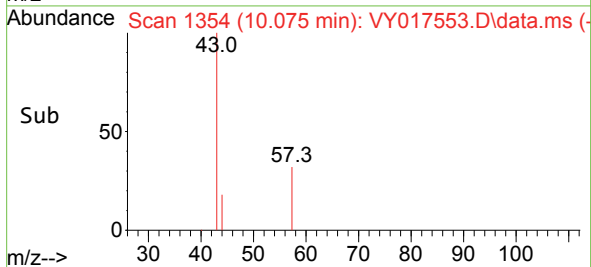
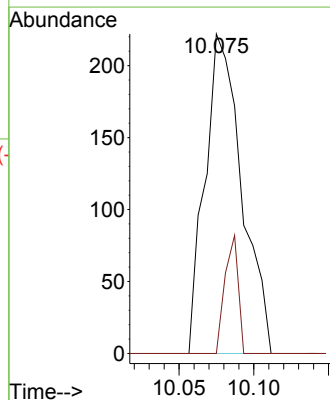
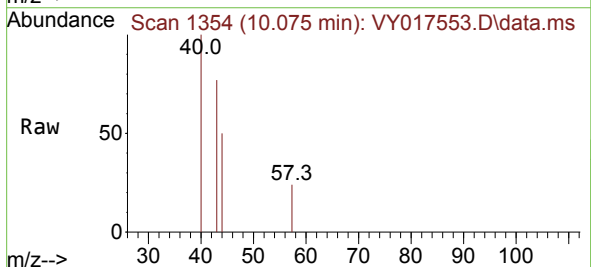
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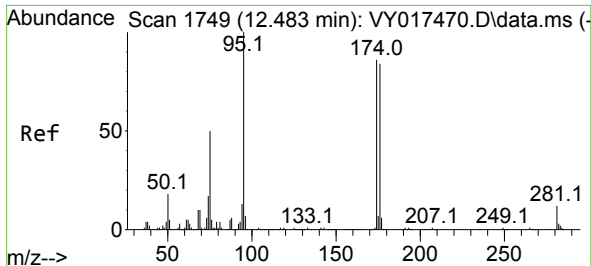
Tgt Ion: 43 Resp: 379

Ion Ratio Lower Upper

43 100

58 13.2 35.7 53.5#

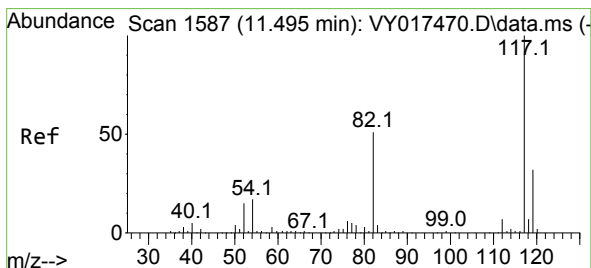
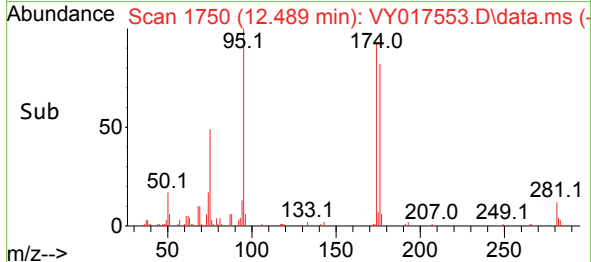
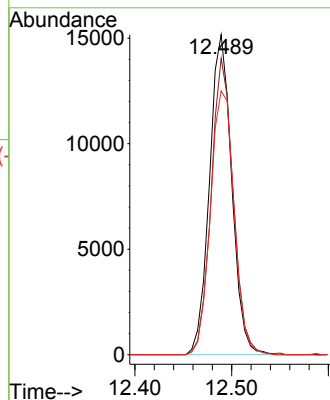
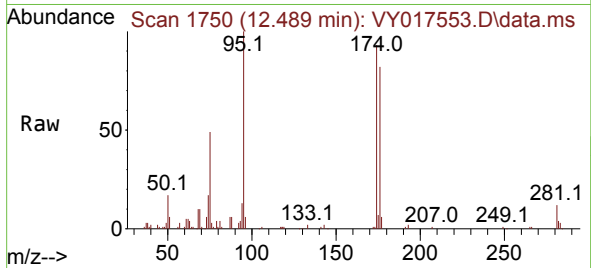




#62
4-Bromofluorobenzene
Concen: 31.419 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

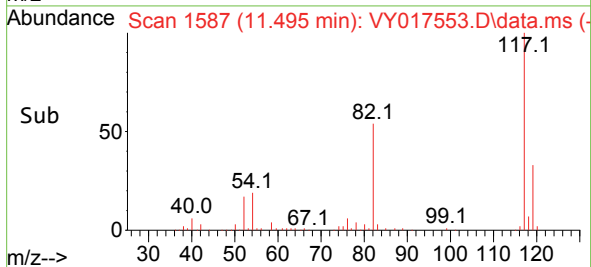
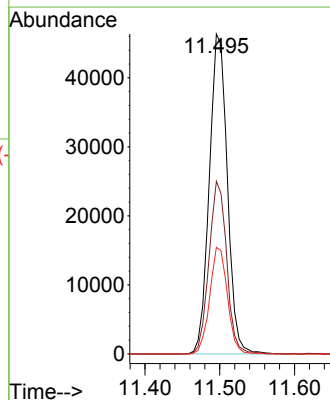
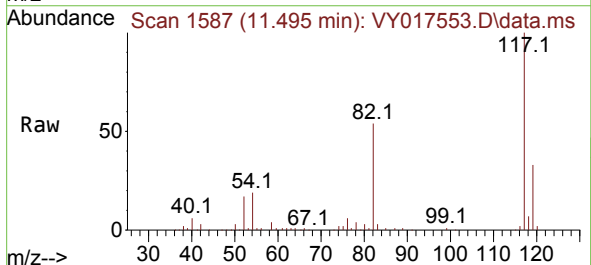
Instrument :
MSVOA_Y
ClientSampleId :
SP-3RE

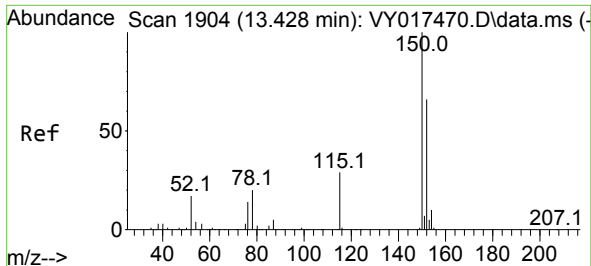
Tgt Ion: 95 Resp: 24197
Ion Ratio Lower Upper
95 100
174 92.2 0.0 175.6
176 87.8 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

Tgt Ion: 117 Resp: 77880
Ion Ratio Lower Upper
117 100
82 54.0 42.4 63.6
119 33.3 25.9 38.9

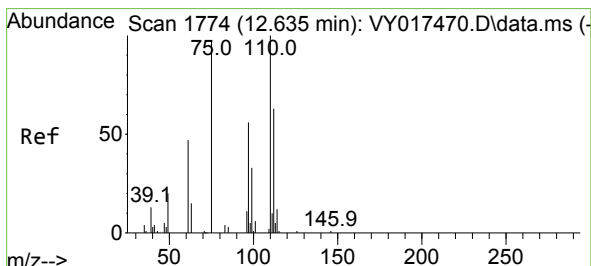
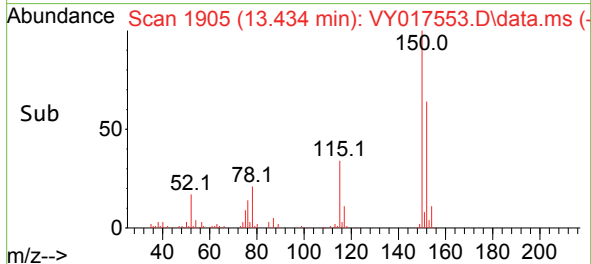
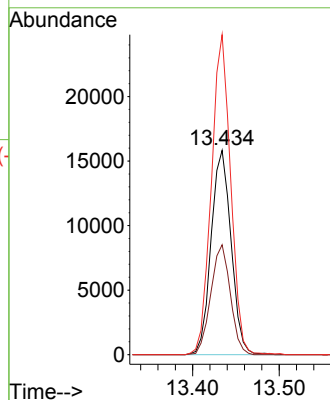
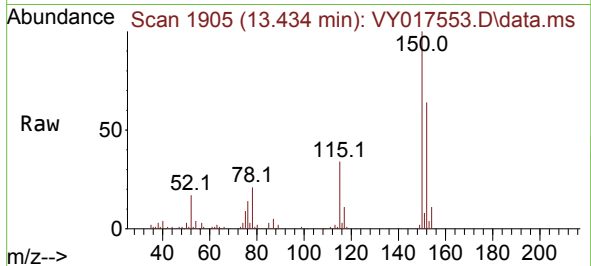




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY017553.D
 Acq: 01 Mar 2024 16:13

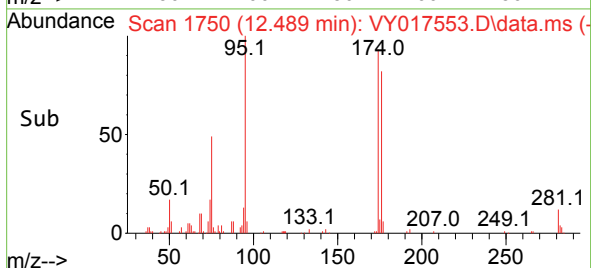
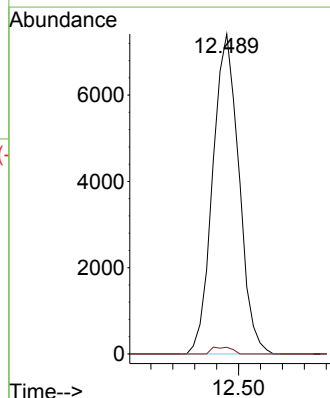
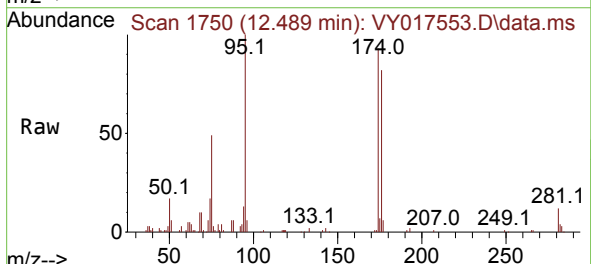
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-3RE

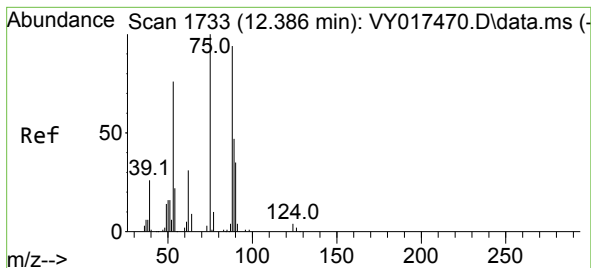
Tgt Ion:152 Resp: 25403
 Ion Ratio Lower Upper
 152 100
 115 52.5 28.2 84.7
 150 150.9 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 51.067 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY017553.D
 Acq: 01 Mar 2024 16:13

Tgt Ion: 75 Resp: 12326
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#

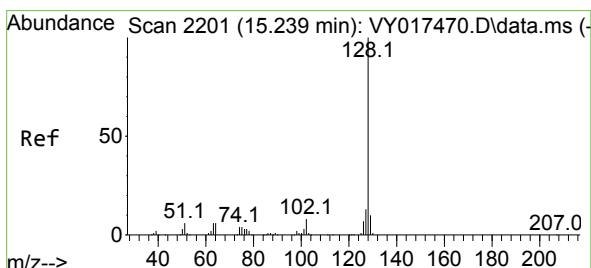
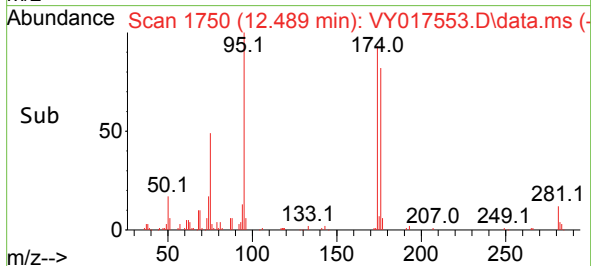
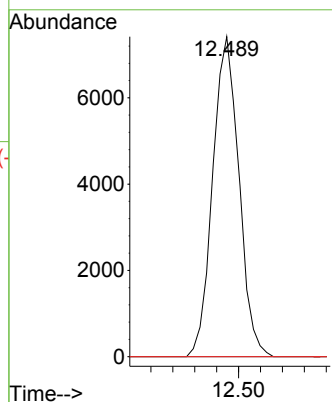
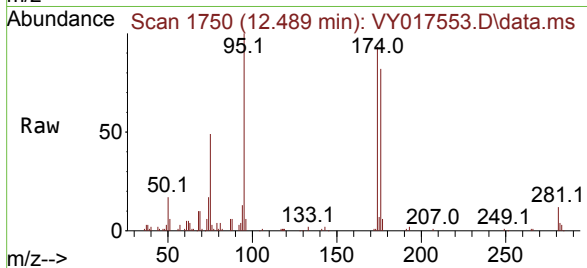




#81
trans-1,4-Dichloro-2-butene
Concen: 117.341 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

Instrument :
MSVOA_Y
ClientSampleId :
SP-3RE

Tgt Ion: 75 Resp: 12326
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.123 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017553.D
Acq: 01 Mar 2024 16:13

Tgt Ion:128 Resp: 180
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

