

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017181.D
 Acq On : 02 Feb 2024 14:04
 Operator : SY/MD
 Sample : P1341-01
 Misc : 4.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Feb 02 22:29:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

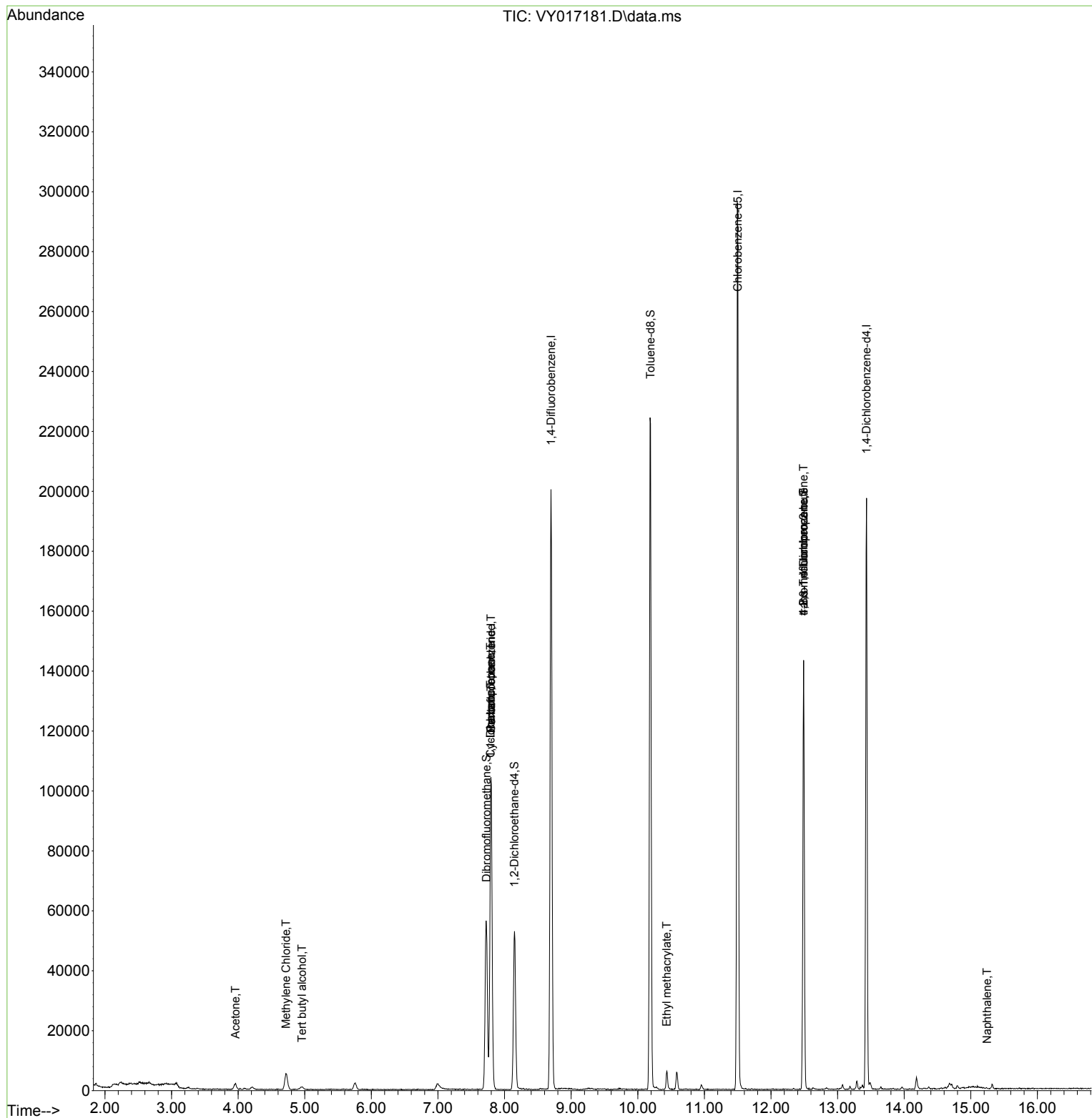
Internal Standards						
1) Pentafluorobenzene	7.795	168	79942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	172805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	163188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	48342	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	40747	57.056	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.120%			
35) Dibromofluoromethane	7.728	113	41498	44.476	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.960%			
50) Toluene-d8	10.191	98	149974	44.148	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 88.300%			
62) 4-Bromofluorobenzene	12.489	95	42814	38.473	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 76.940%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.960	59	1573	10.360	ug/l #	75
16) Acetone	3.960	43	3453	16.451	ug/l	93
20) Methylene Chloride	4.716	84	4209	1.498	ug/l	94
31) Cyclohexane	7.789	56	1896	1.317	ug/l #	16
36) 1,1-Dichloropropene	7.789	75	7509	4.666	ug/l #	50
38) Carbon Tetrachloride	7.795	117	8261	5.361	ug/l #	18
56) Ethyl methacrylate	10.435	69	1447	4.223	ug/l #	27
76) 1,2,3-Trichloropropane	12.489	75	23225	52.052	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	23225	108.157	ug/l #	12
95) Naphthalene	15.245	128	314	3.652	ug/l #	69

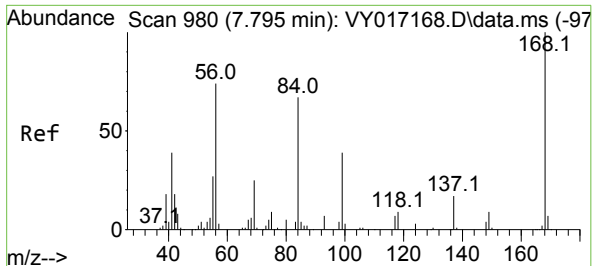
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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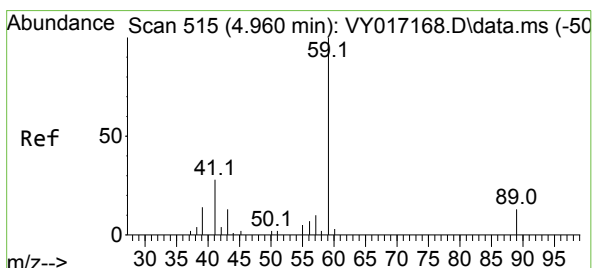
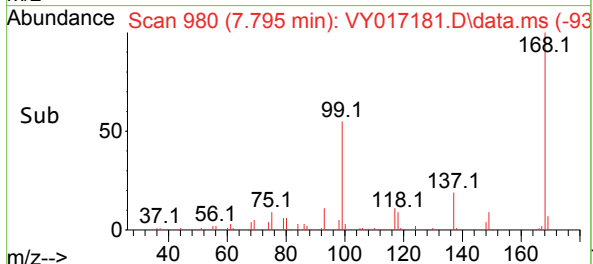
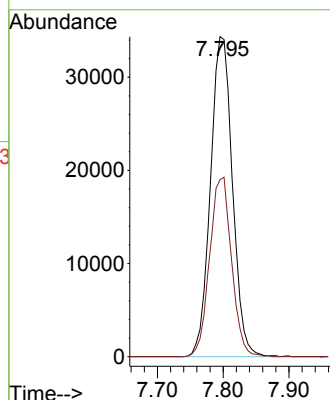
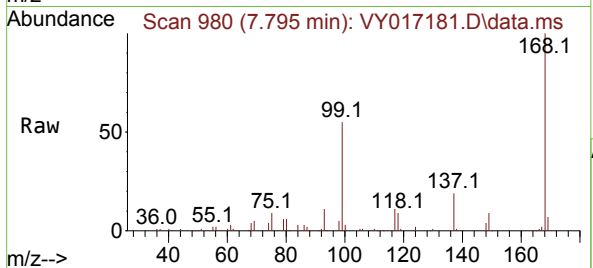




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

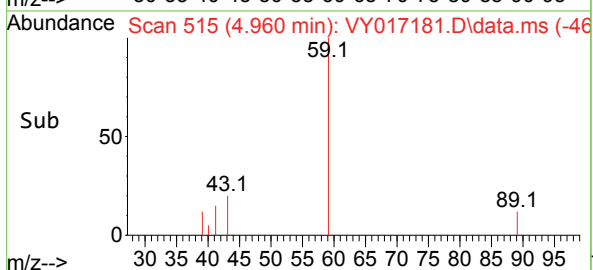
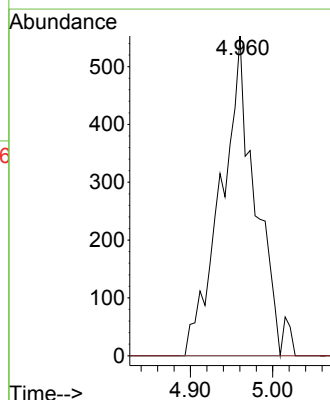
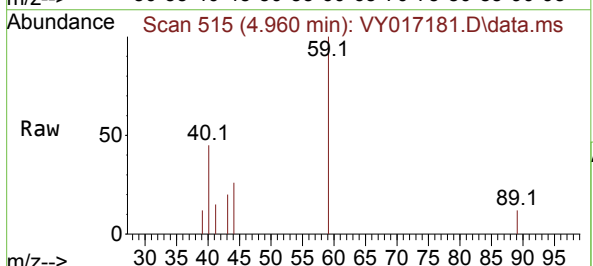
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

Tgt Ion:168 Resp: 79942
Ion Ratio Lower Upper
168 100
99 55.3 44.2 66.4



#11
Tert butyl alcohol
Concen: 10.360 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

Tgt Ion: 59 Resp: 1573
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 16.451 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.013 min

Lab File: VY017181.D

Acq: 02 Feb 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

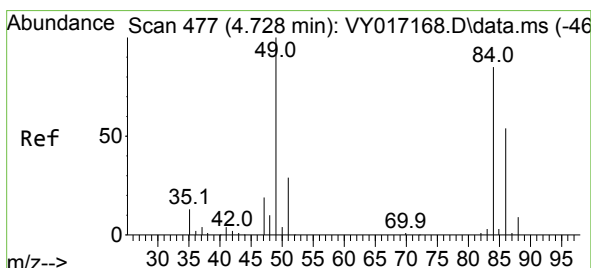
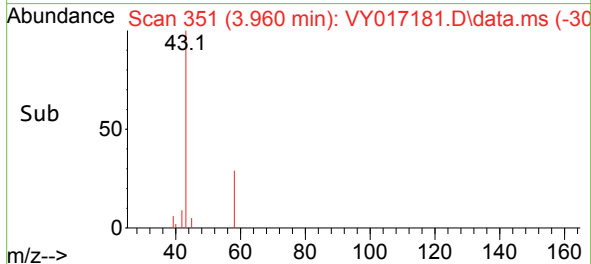
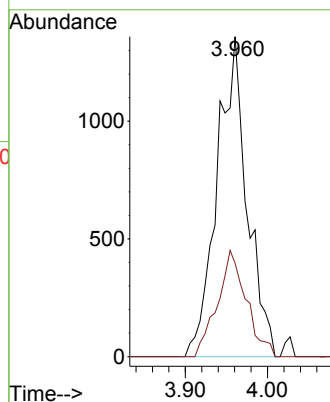
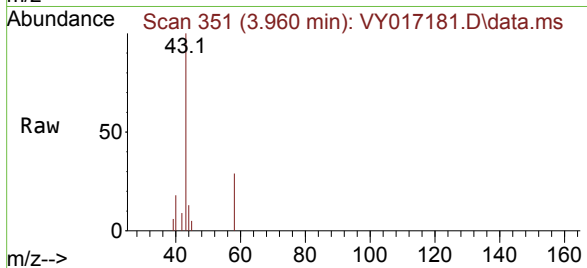
COMP-1

Tgt Ion: 43 Resp: 3453

Ion Ratio Lower Upper

43 100

58 29.2 26.6 39.8



#20

Methylene Chloride

Concen: 1.498 ug/l

RT: 4.716 min Scan# 475

Delta R.T. -0.012 min

Lab File: VY017181.D

Acq: 02 Feb 2024 14:04

Tgt Ion: 84 Resp: 4209

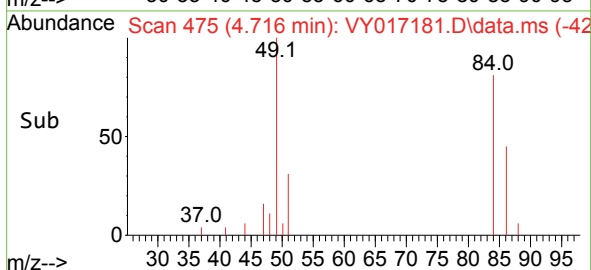
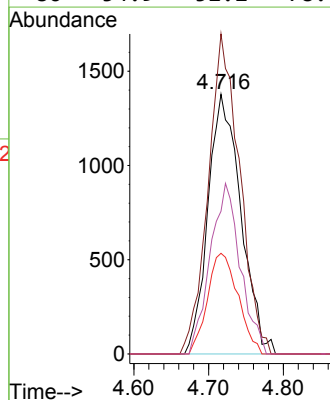
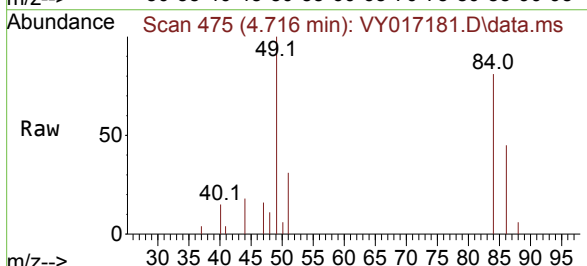
Ion Ratio Lower Upper

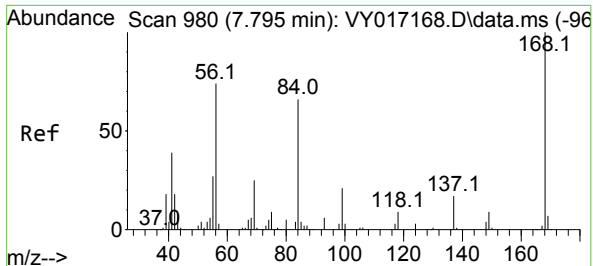
84 100

49 123.2 95.2 142.8

51 38.8 29.9 44.9

86 54.9 52.2 78.4

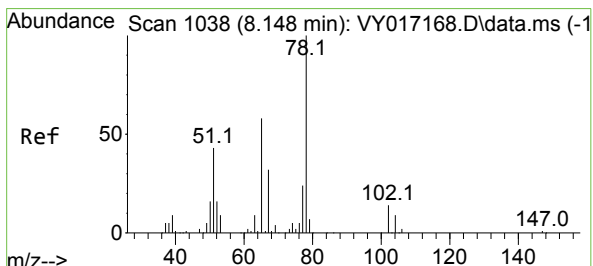
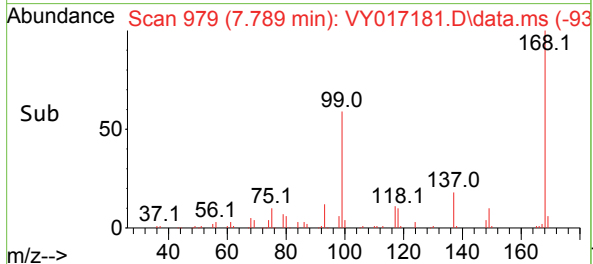
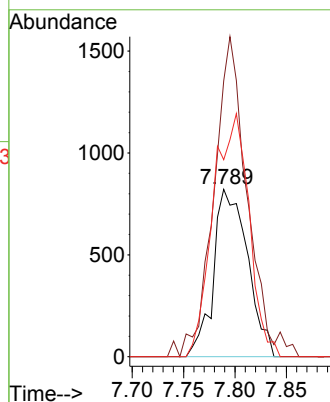
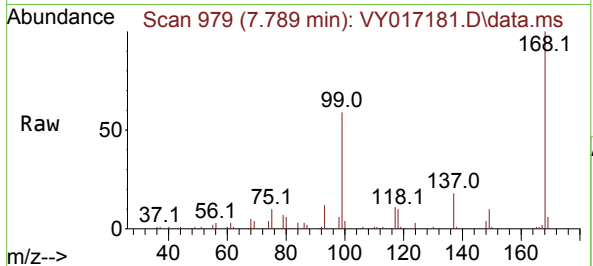




#31
Cyclohexane
Concen: 1.317 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

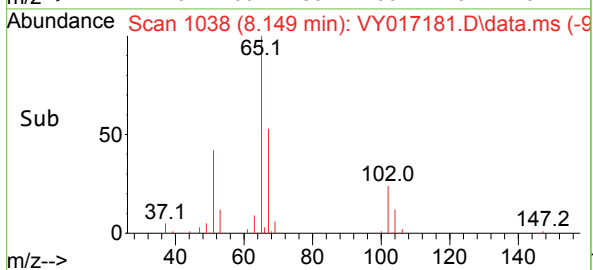
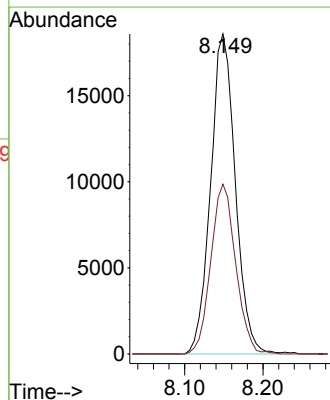
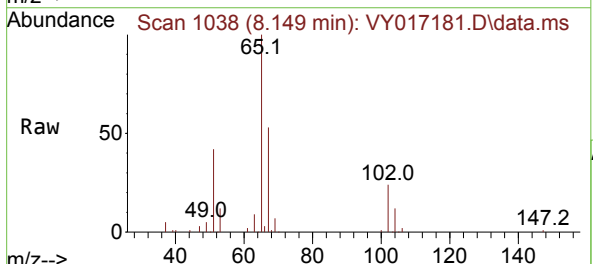
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

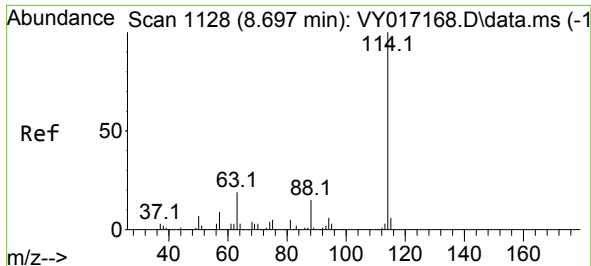
Tgt Ion: 56 Resp: 1896
Ion Ratio Lower Upper
56 100
69 164.7 27.0 40.6#
84 117.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 57.056 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

Tgt Ion: 65 Resp: 40747
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY017181.D

Acq: 02 Feb 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

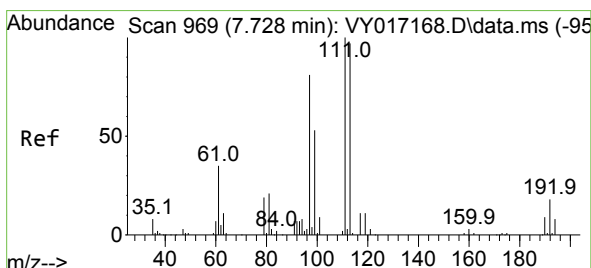
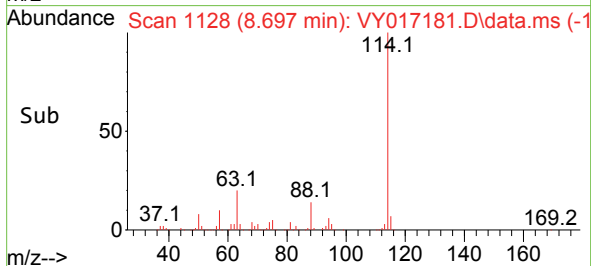
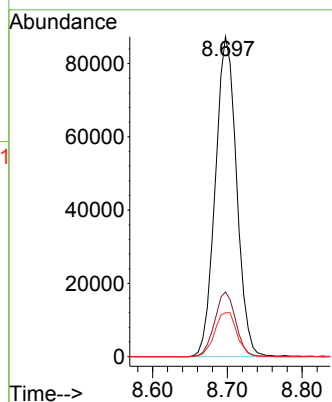
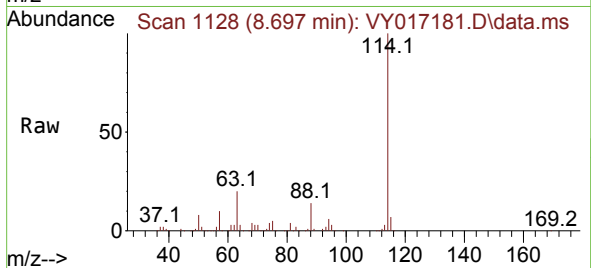
Tgt Ion:114 Resp: 172805

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 13.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.476 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY017181.D

Acq: 02 Feb 2024 14:04

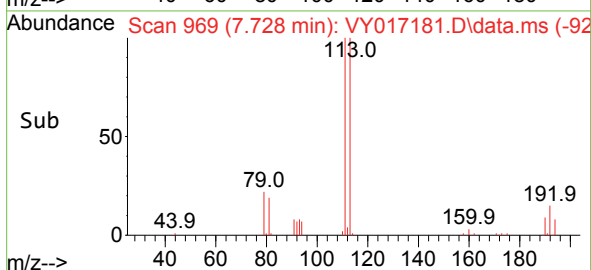
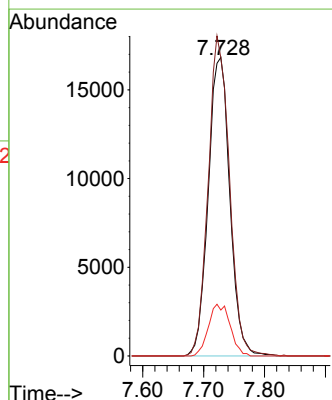
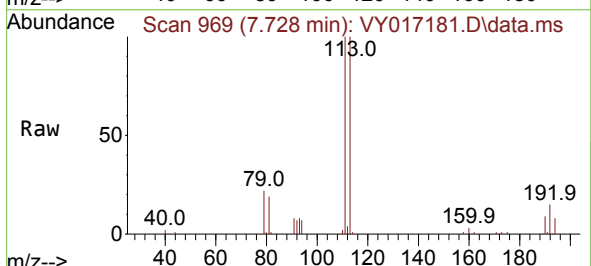
Tgt Ion:113 Resp: 41498

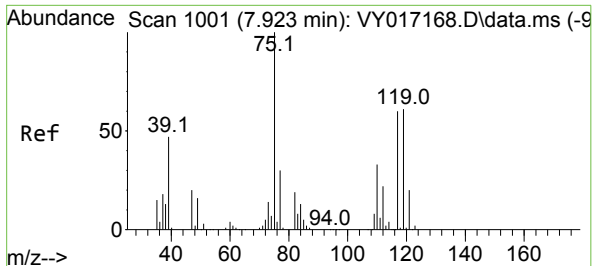
Ion Ratio Lower Upper

113 100

111 105.5 83.8 125.6

192 17.5 14.5 21.7

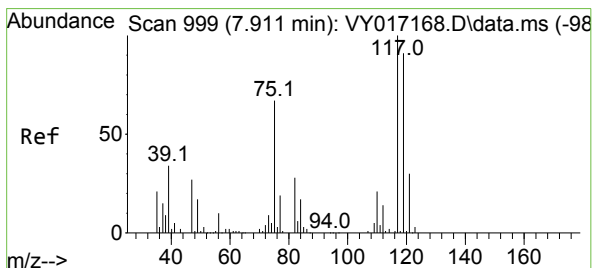
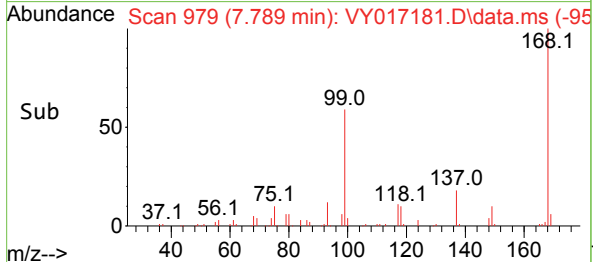
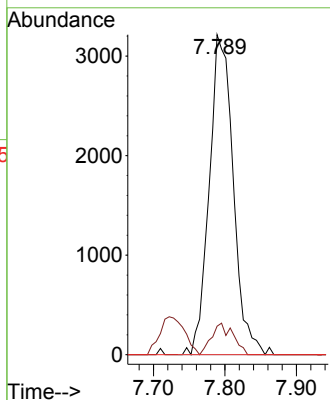
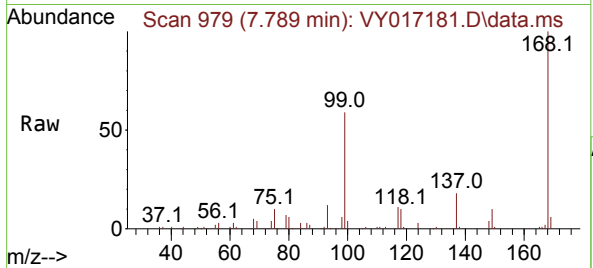




#36
 1,1-Dichloropropene
 Concen: 4.666 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY017181.D
 Acq: 02 Feb 2024 14:04

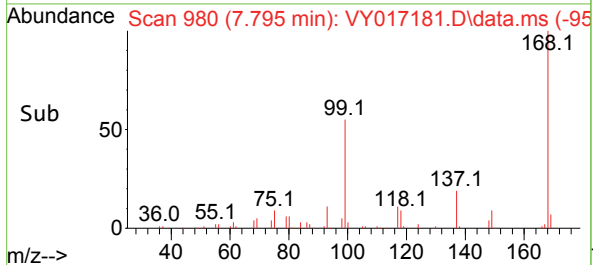
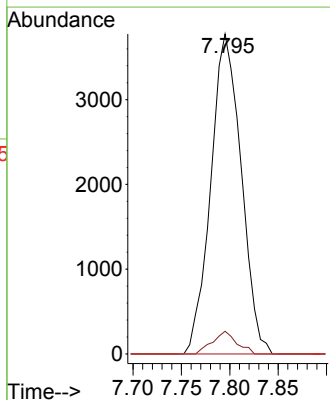
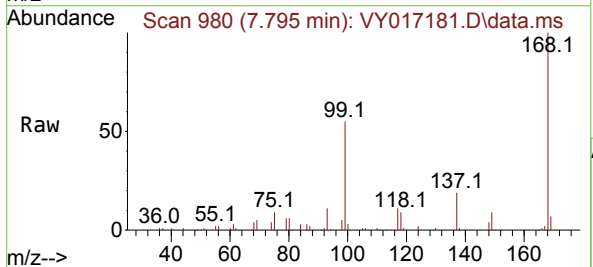
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

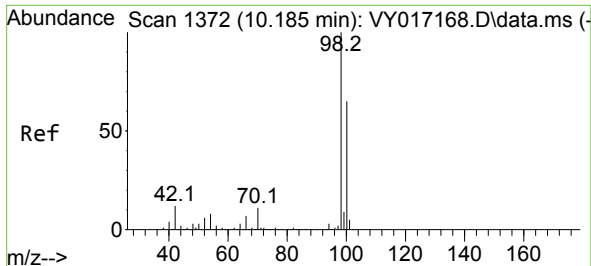
Tgt Ion: 75 Resp: 7509
 Ion Ratio Lower Upper
 75 100
 110 8.8 17.4 52.3#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.361 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.115 min
 Lab File: VY017181.D
 Acq: 02 Feb 2024 14:04

Tgt Ion: 117 Resp: 8261
 Ion Ratio Lower Upper
 117 100
 119 7.1 76.0 114.0#
 121 0.0 24.2 36.2#

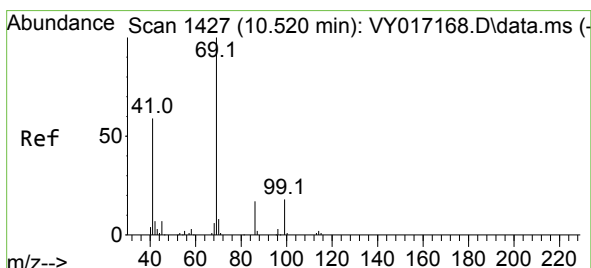
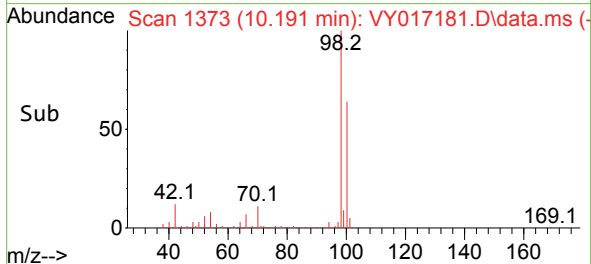
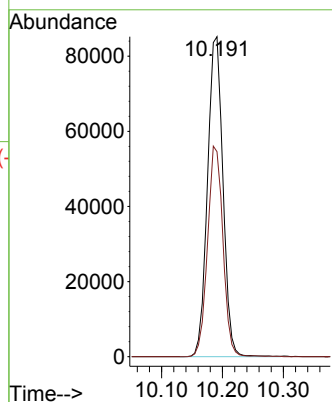
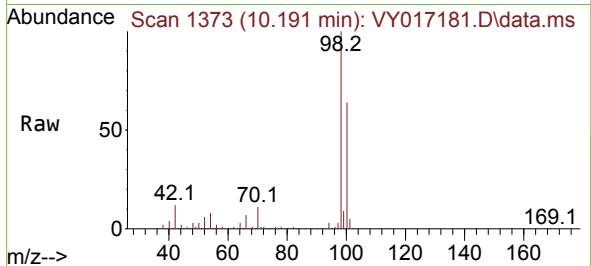




#50
Toluene-d8
Concen: 44.148 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

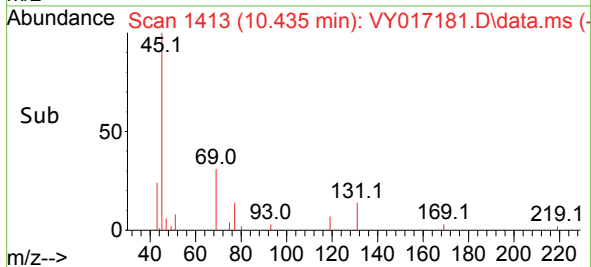
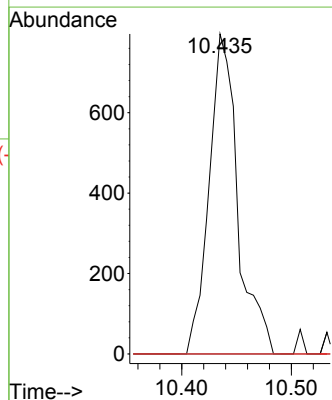
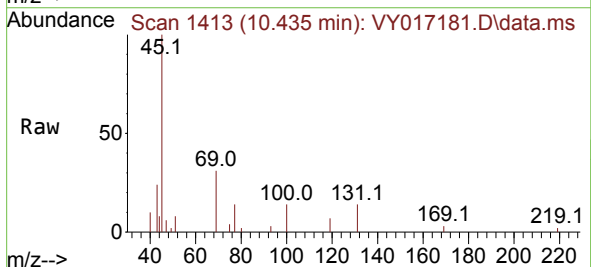
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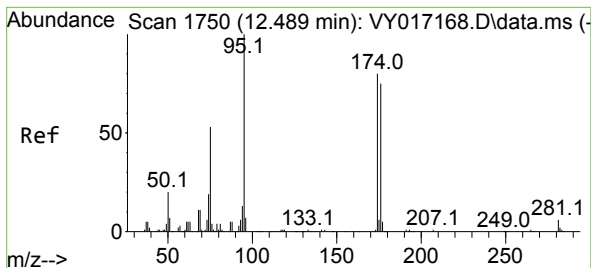
Tgt Ion: 98 Resp: 149974
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#56
Ethyl methacrylate
Concen: 4.223 ug/l
RT: 10.435 min Scan# 1413
Delta R.T. -0.085 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

Tgt Ion: 69 Resp: 1447
Ion Ratio Lower Upper
69 100
41 0.0 49.2 73.8#
39 0.0 26.8 40.2#

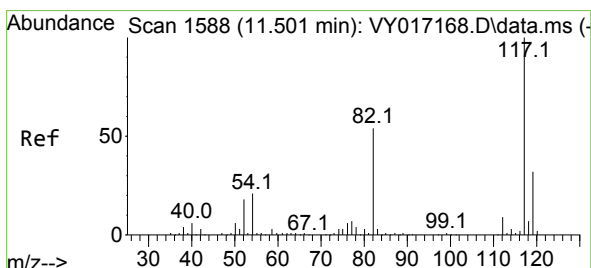
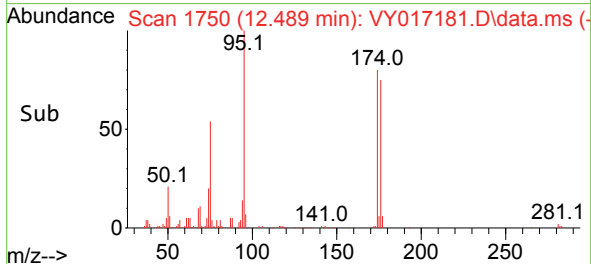
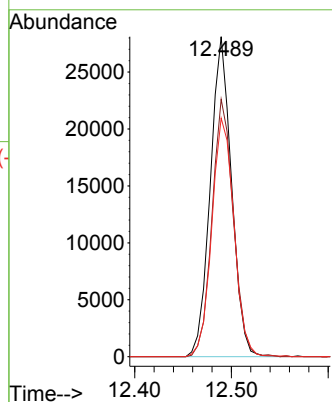
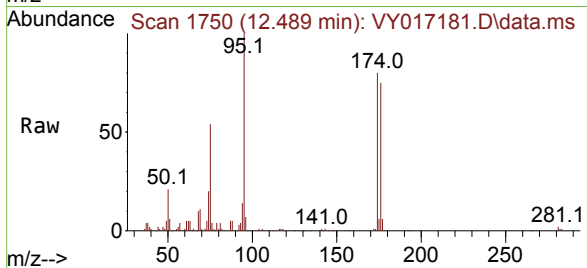




#62
4-Bromofluorobenzene
Concen: 38.473 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

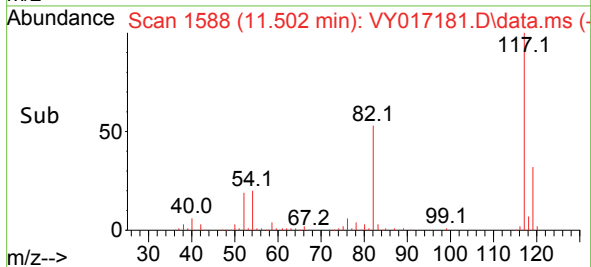
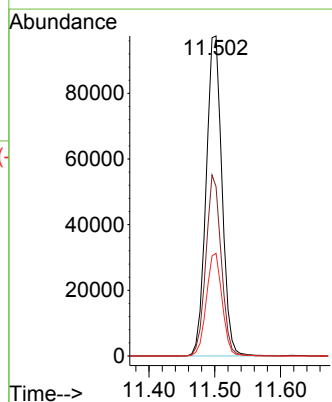
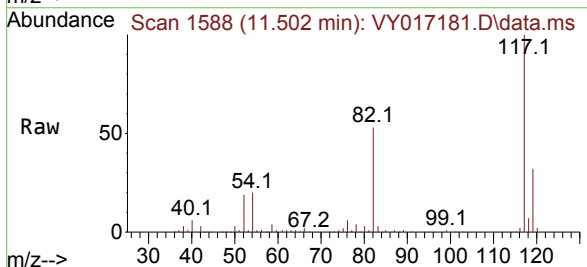
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

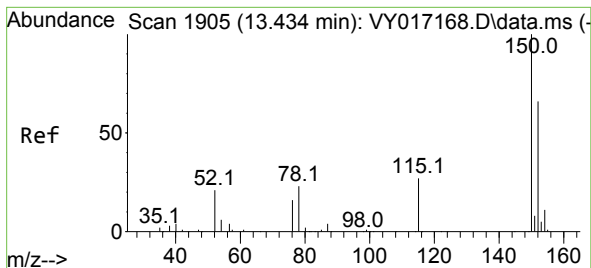
Tgt Ion: 95 Resp: 42814
Ion Ratio Lower Upper
95 100
174 80.8 0.0 160.0
176 77.9 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

Tgt Ion: 117 Resp: 163188
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.8
119 32.1 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017181.D

Acq: 02 Feb 2024 14:04

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

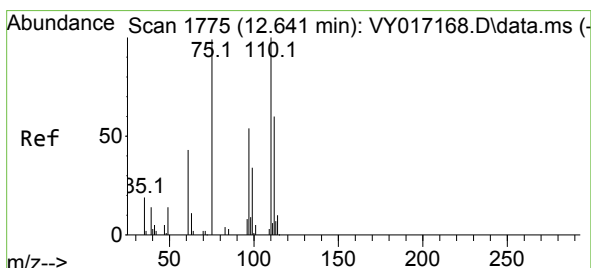
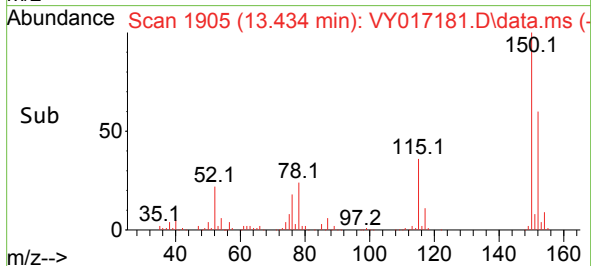
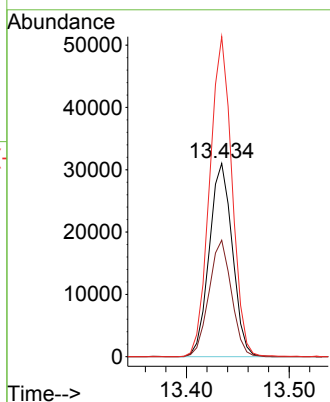
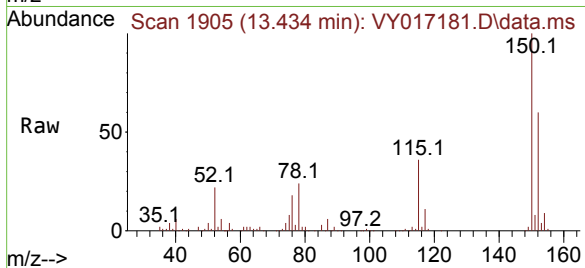
Tgt Ion:152 Resp: 48342

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 160.1 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 52.052 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017181.D

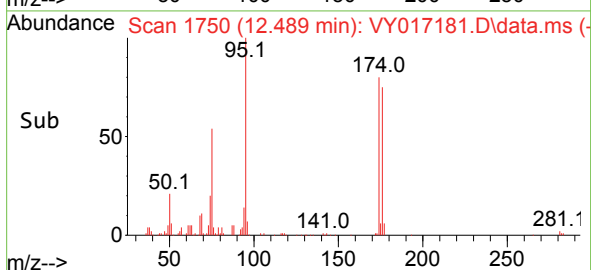
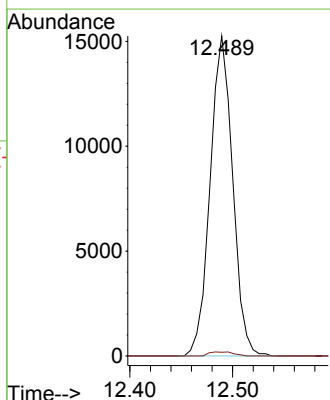
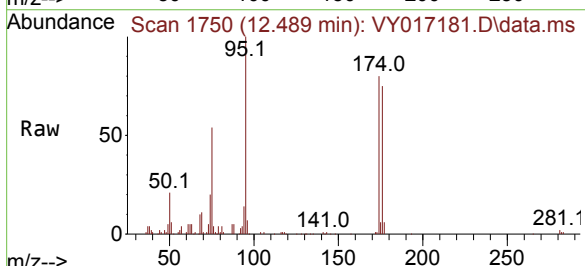
Acq: 02 Feb 2024 14:04

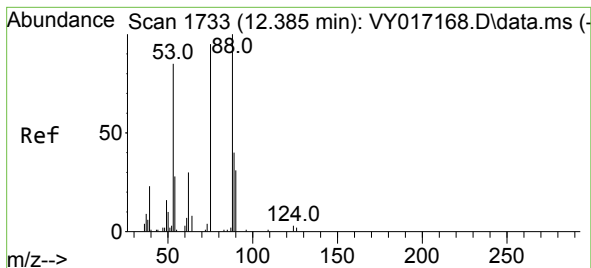
Tgt Ion: 75 Resp: 23225

Ion Ratio Lower Upper

75 100

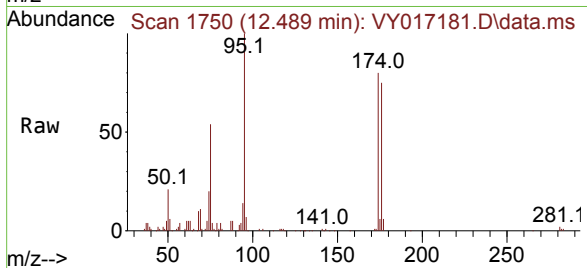
77 1.4 0.0 0.0#



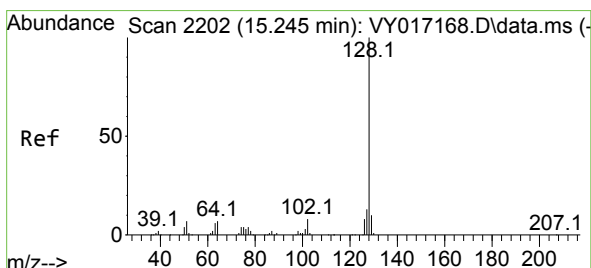
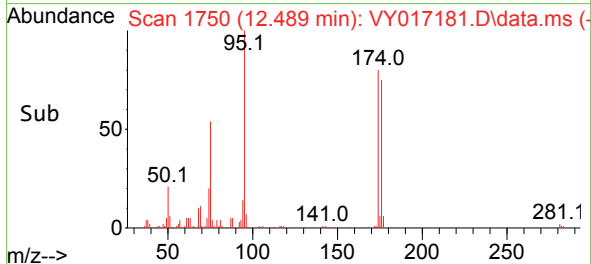
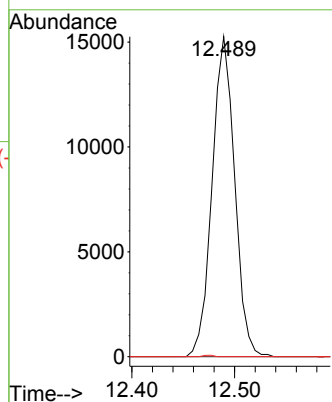


#81
trans-1,4-Dichloro-2-butene
Concen: 108.157 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

Instrument :
MSVOA_Y
ClientSampleId :
COMP-1



Tgt Ion: 75 Resp: 23225
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.2 36.5 54.7#



#95
Naphthalene
Concen: 3.652 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY017181.D
Acq: 02 Feb 2024 14:04

Tgt Ion:128 Resp: 314
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

