

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017227.D
 Acq On : 05 Feb 2024 14:30
 Operator : SY/MD
 Sample : P1367-13
 Misc : 5.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-5-6-8

Quant Time: Feb 06 00:59:48 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)

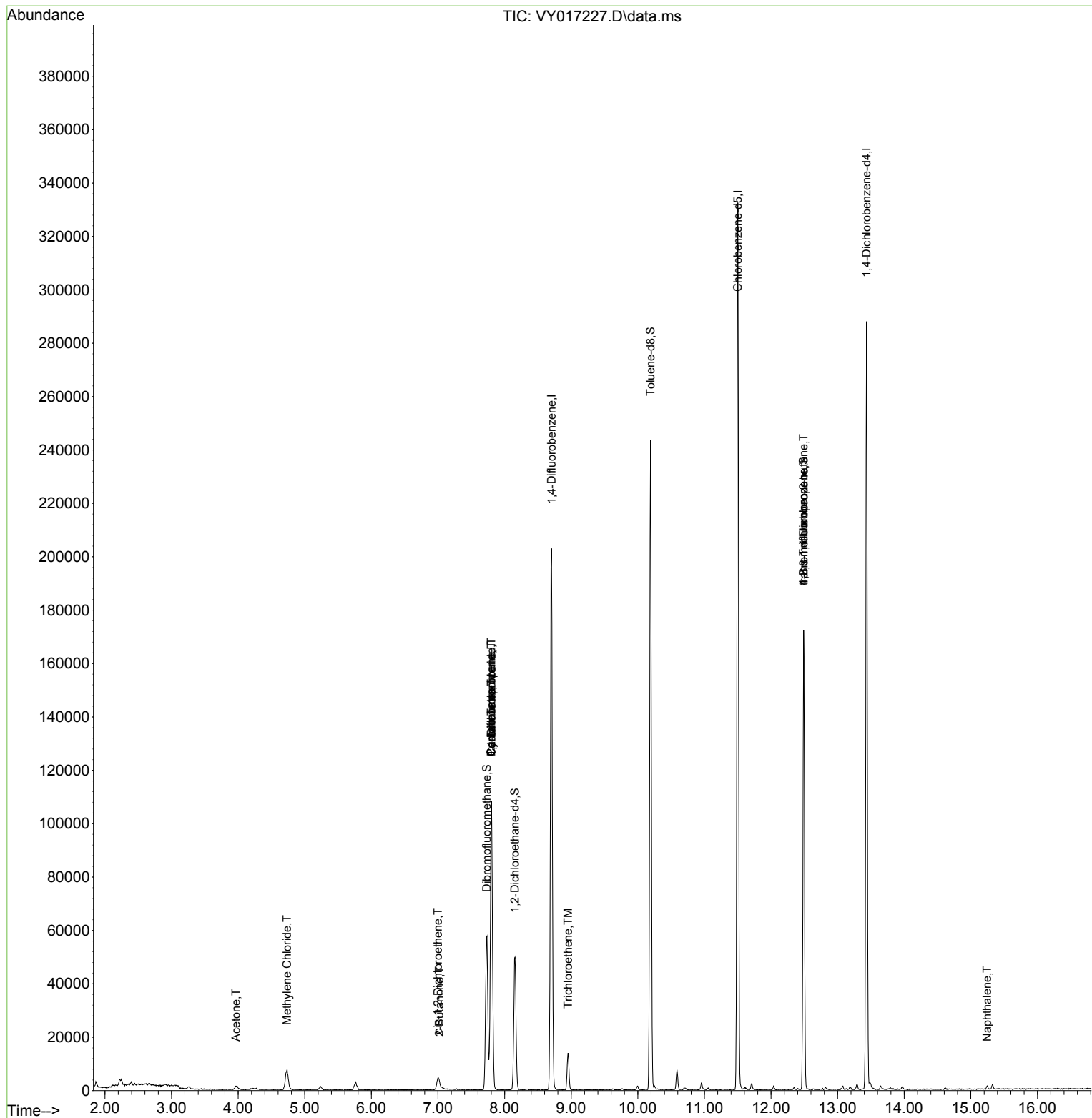
Internal Standards						
1) Pentafluorobenzene	7.801	168	82703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	176040	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	180598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	38934	52.698	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.400%			
35) Dibromofluoromethane	7.734	113	42099	44.291	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 88.580%			
50) Toluene-d8	10.191	98	155405	44.906	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 89.820%			
62) 4-Bromofluorobenzene	12.489	95	53457	47.154	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.300%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	112	Below Cal	#	75
16) Acetone	3.966	43	2859	13.166	ug/l	98
20) Methylene Chloride	4.734	84	5818	3.267	ug/l	88
25) 2-Butanone	7.020	43	715	2.477	ug/l #	48
27) cis-1,2-Dichloroethene	6.996	96	1397	1.370	ug/l	98
31) Cyclohexane	7.801	56	1921	1.290	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6936	4.230	ug/l #	48
38) Carbon Tetrachloride	7.801	117	8391	5.345	ug/l #	16
44) Trichloroethene	8.953	130	5021	4.225	ug/l	91
76) 1,2,3-Trichloropropane	12.489	75	27757	42.036	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	27757	87.346	ug/l #	12
95) Naphthalene	15.245	128	1311	4.070	ug/l #	91

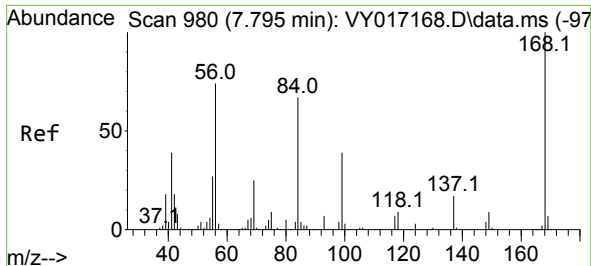
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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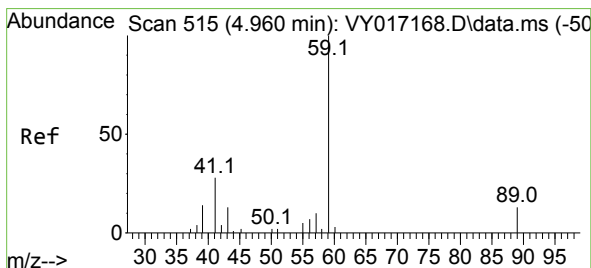
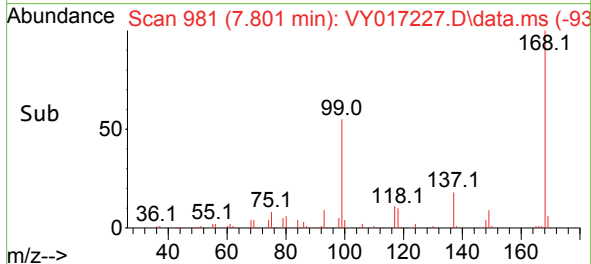
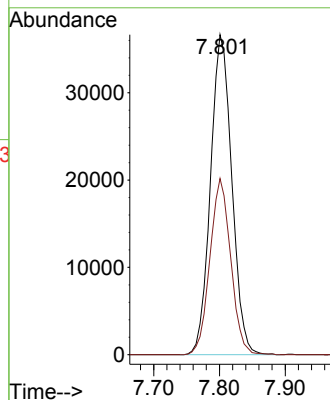
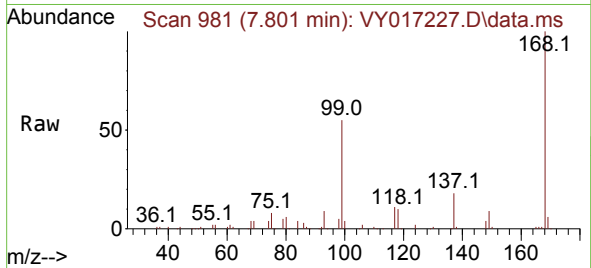




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

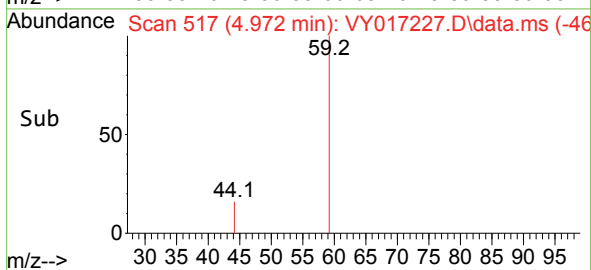
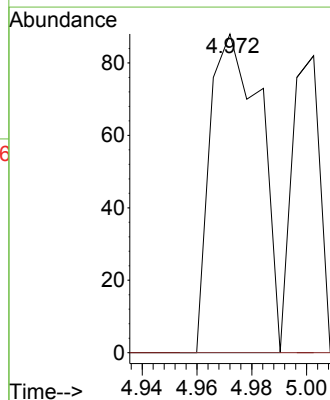
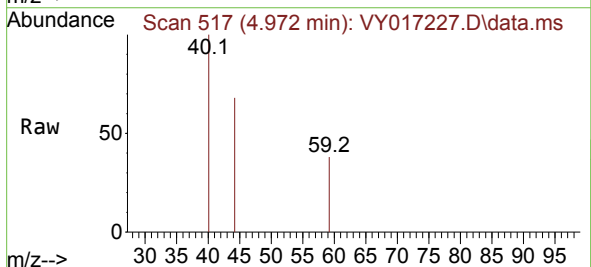
Instrument :
MSVOA_Y
ClientSampleId :
EB-5-6-8

Tgt Ion:168 Resp: 82703
Ion Ratio Lower Upper
168 100
99 55.0 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

Tgt Ion: 59 Resp: 112
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 13.166 ug/l

RT: 3.966 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY017227.D

Acq: 05 Feb 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

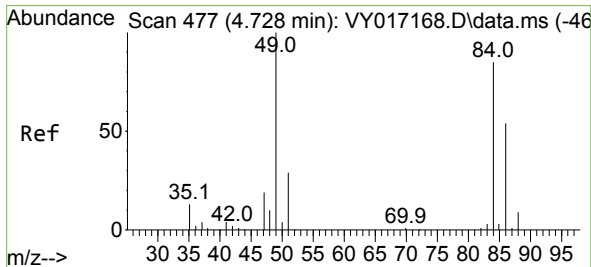
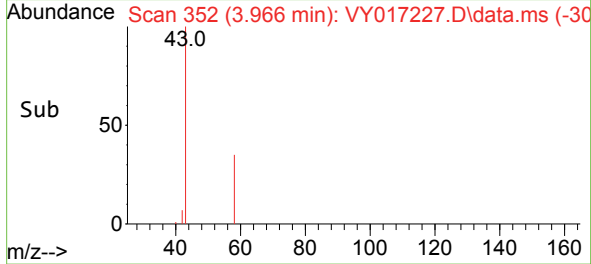
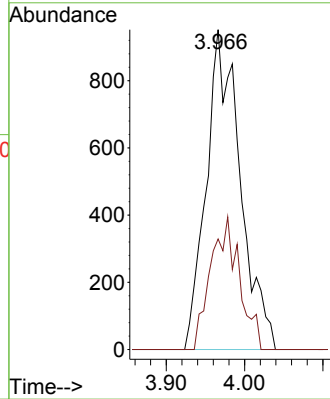
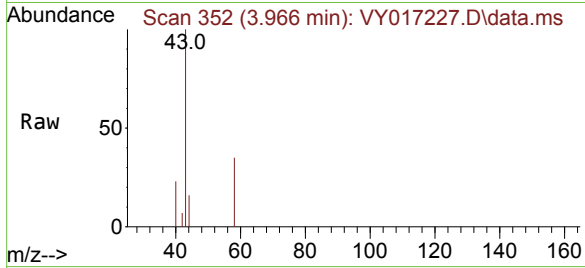
EB-5-6-8

Tgt Ion: 43 Resp: 2859

Ion Ratio Lower Upper

43 100

58 34.6 26.6 39.8



#20

Methylene Chloride

Concen: 3.267 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.006 min

Lab File: VY017227.D

Acq: 05 Feb 2024 14:30

Tgt Ion: 84 Resp: 5818

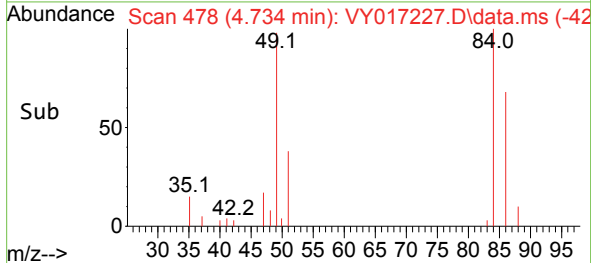
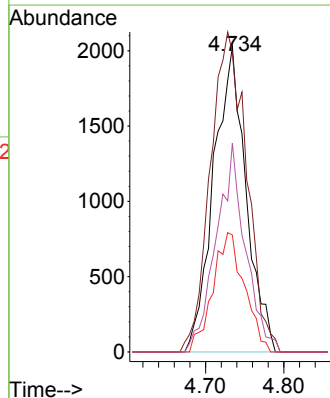
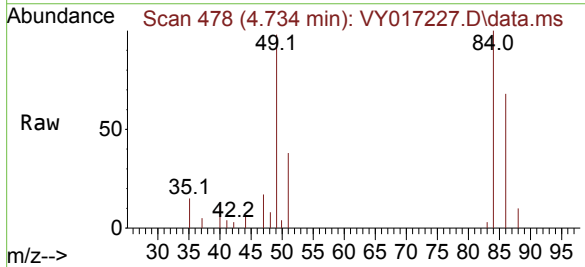
Ion Ratio Lower Upper

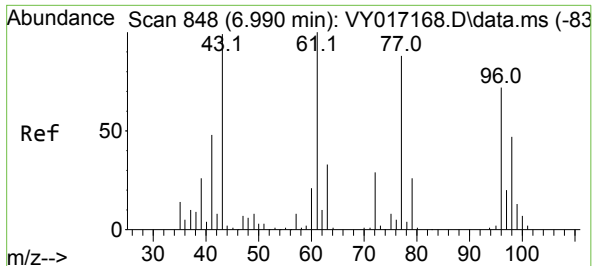
84 100

49 98.0 95.2 142.8

51 38.3 29.9 44.9

86 68.4 52.2 78.4





#25

2-Butanone

Concen: 2.477 ug/l

RT: 7.020 min Scan# 81

Delta R.T. 0.030 min

Lab File: VY017227.D

Acq: 05 Feb 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

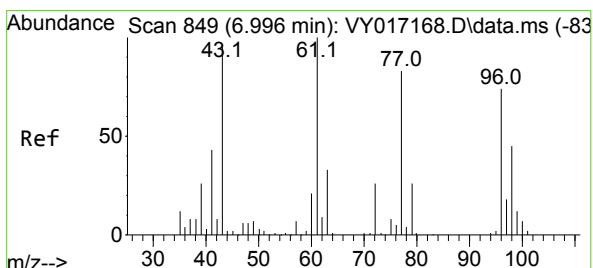
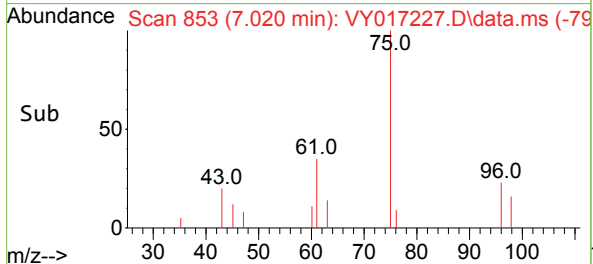
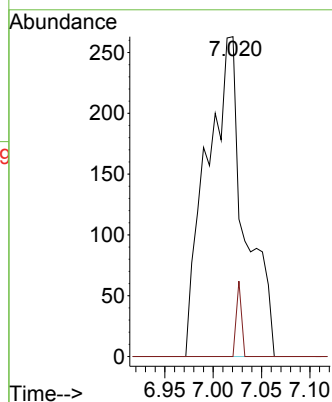
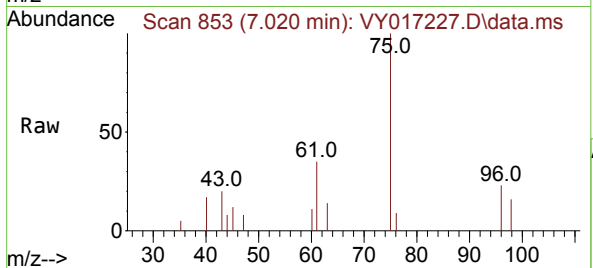
EB-5-6-8

Tgt Ion: 43 Resp: 715

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#27

cis-1,2-Dichloroethene

Concen: 1.370 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY017227.D

Acq: 05 Feb 2024 14:30

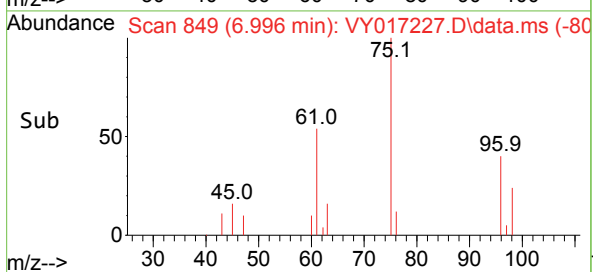
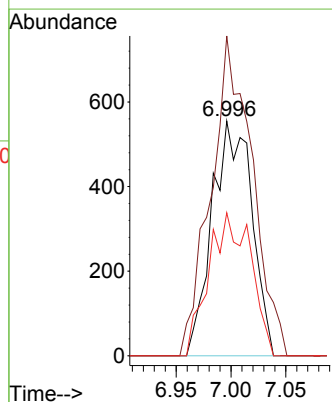
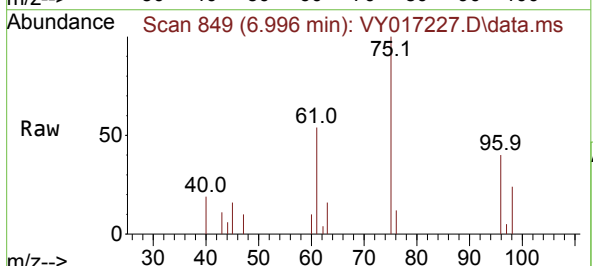
Tgt Ion: 96 Resp: 1397

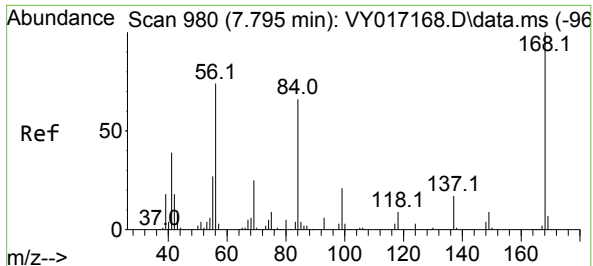
Ion Ratio Lower Upper

96 100

61 141.4 0.0 278.8

98 64.4 0.0 127.0

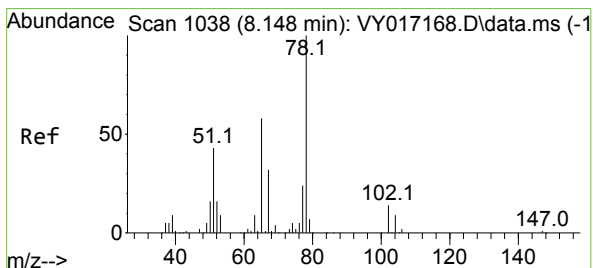
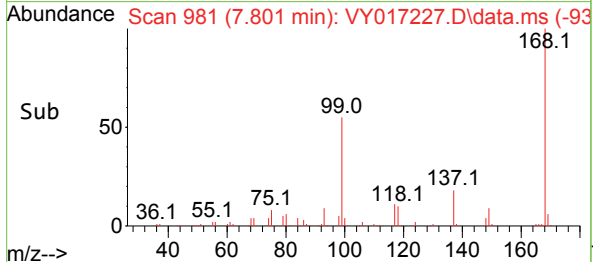
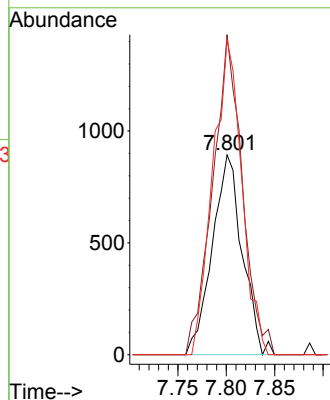
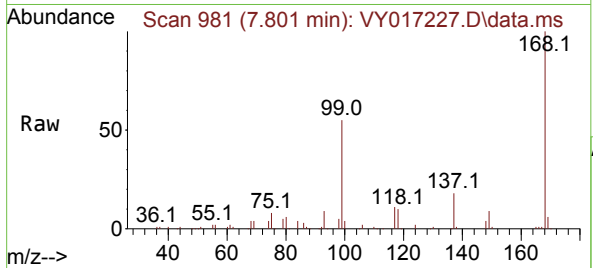




#31
Cyclohexane
Concen: 1.290 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

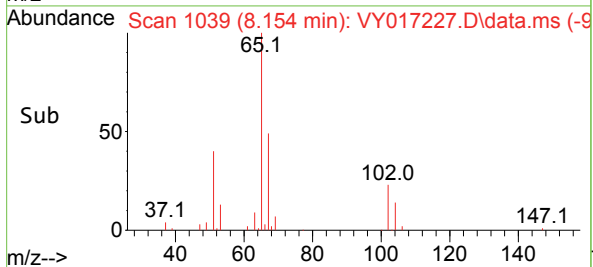
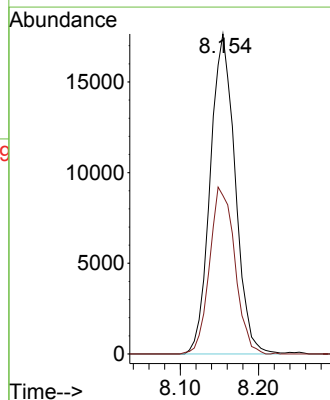
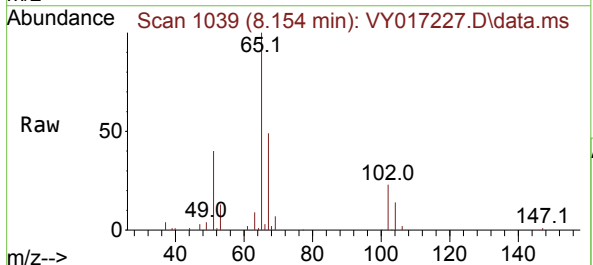
Instrument :
MSVOA_Y
ClientSampleId :
EB-5-6-8

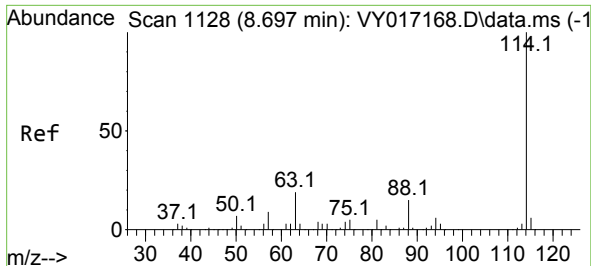
Tgt Ion: 56 Resp: 1921
Ion Ratio Lower Upper
56 100
69 160.2 27.0 40.6#
84 157.7 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 52.698 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

Tgt Ion: 65 Resp: 38934
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017227.D

Acq: 05 Feb 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

EB-5-6-8

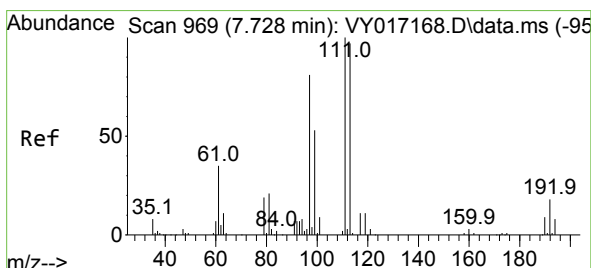
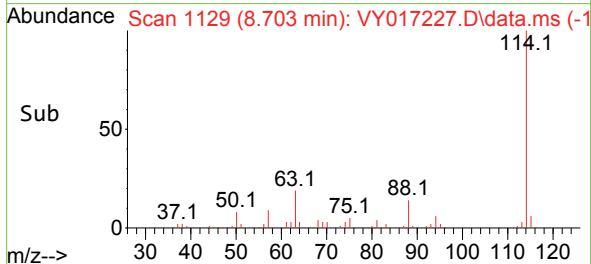
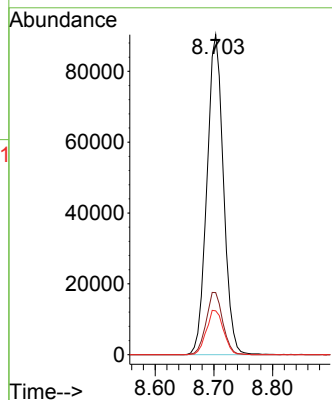
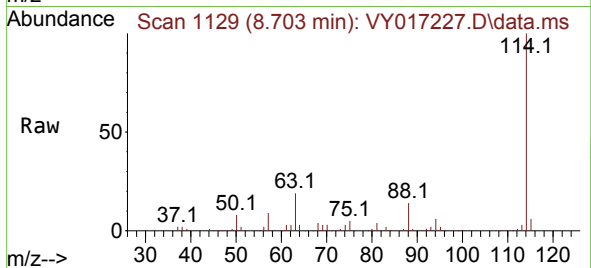
Tgt Ion:114 Resp: 176040

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 13.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 44.291 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017227.D

Acq: 05 Feb 2024 14:30

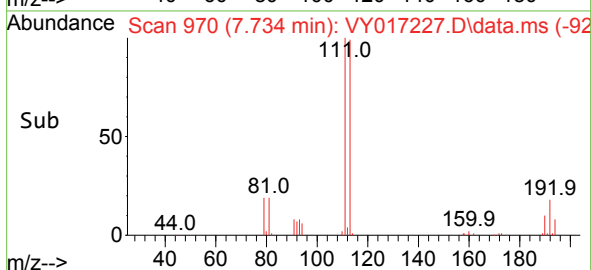
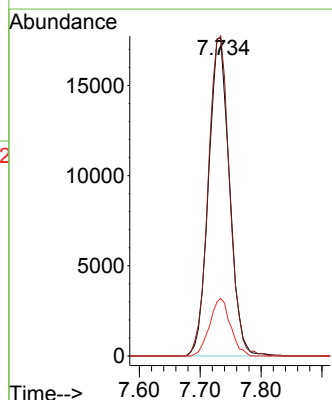
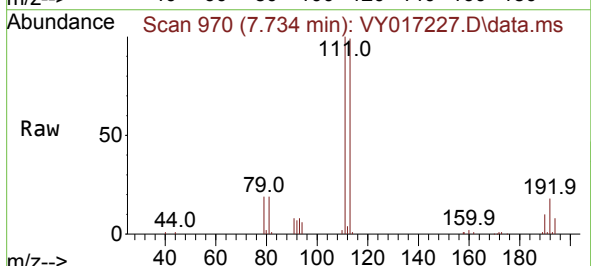
Tgt Ion:113 Resp: 42099

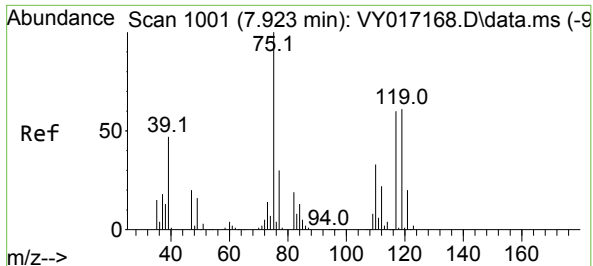
Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.9 14.5 21.7

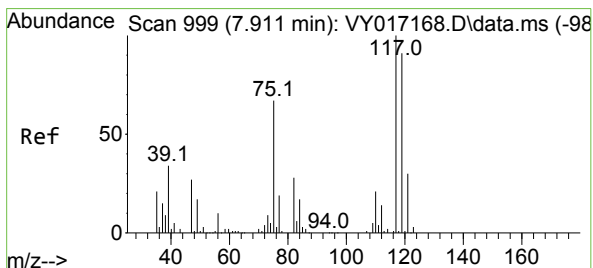
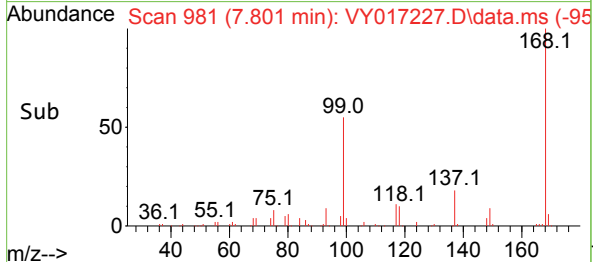
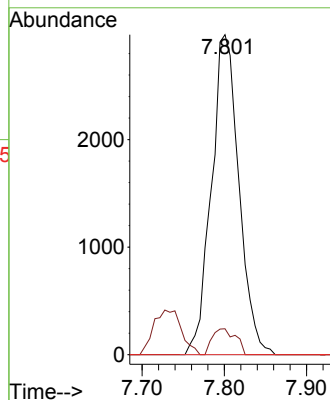
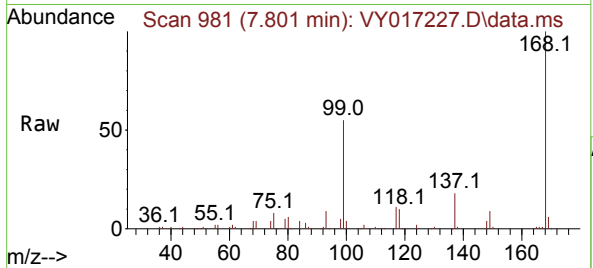




#36
1,1-Dichloropropene
Concen: 4.230 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

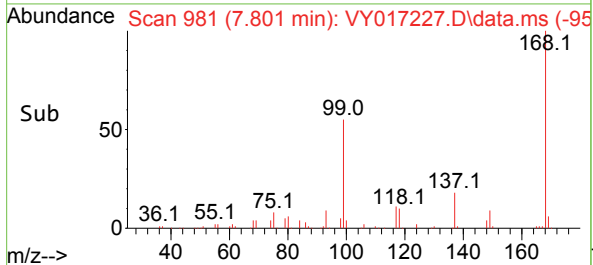
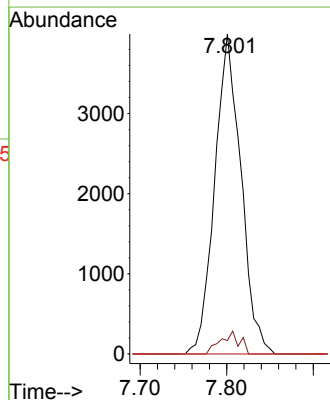
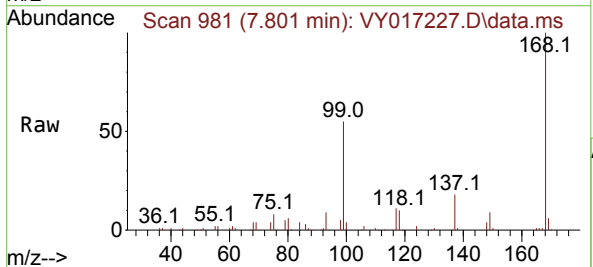
Instrument :
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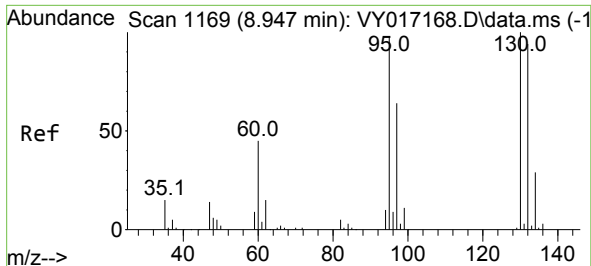
Tgt Ion: 75 Resp: 6936
Ion Ratio Lower Upper
75 100
110 6.9 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.345 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

Tgt Ion: 117 Resp: 8391
Ion Ratio Lower Upper
117 100
119 4.2 76.0 114.0#
121 0.0 24.2 36.2#

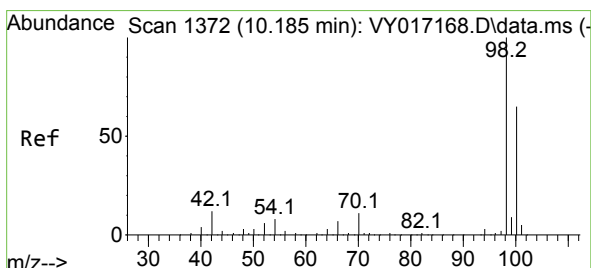
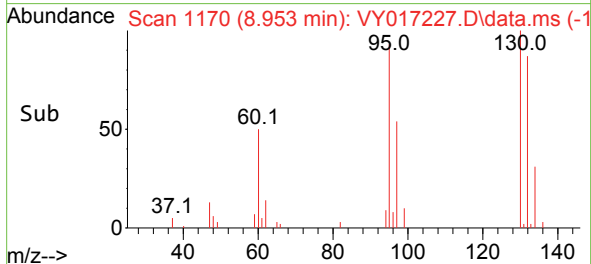
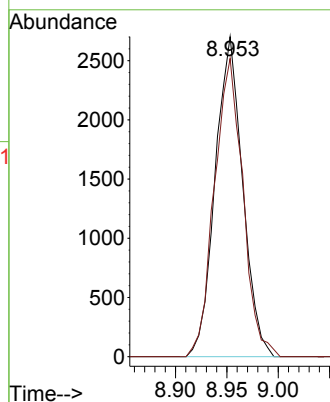
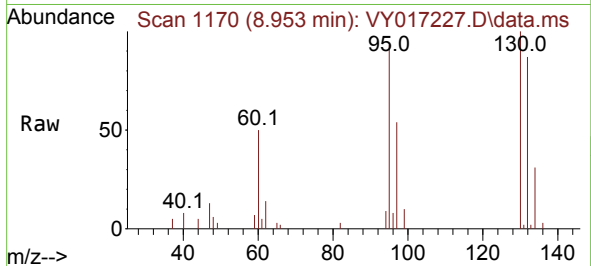




#44
Trichloroethene
Concen: 4.225 ug/l
RT: 8.953 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

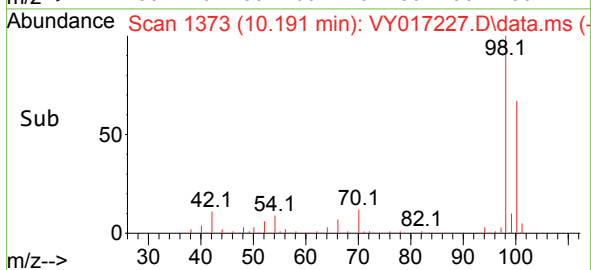
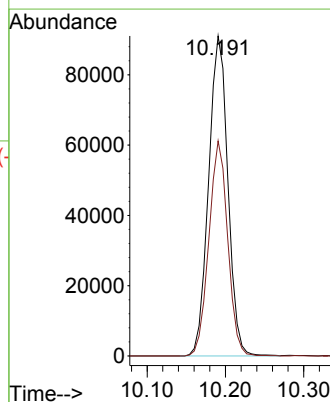
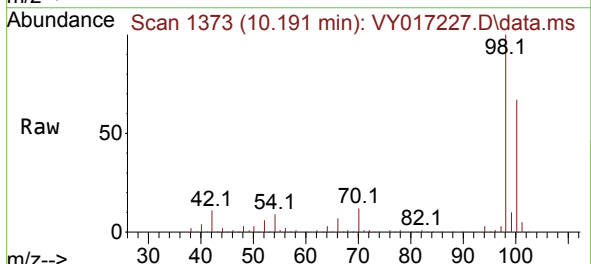
Instrument :
MSVOA_Y
ClientSampleId :
EB-5-6-8

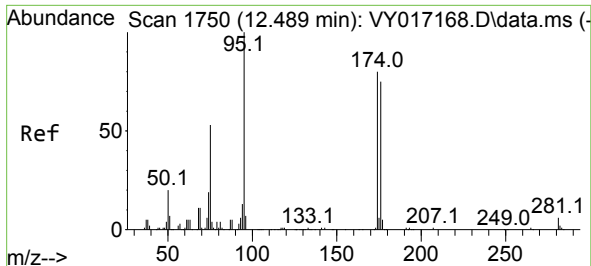
Tgt Ion:130 Resp: 5021
Ion Ratio Lower Upper
130 100
95 93.2 0.0 203.8



#50
Toluene-d8
Concen: 44.906 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

Tgt Ion: 98 Resp: 155405
Ion Ratio Lower Upper
98 100
100 65.7 52.3 78.5

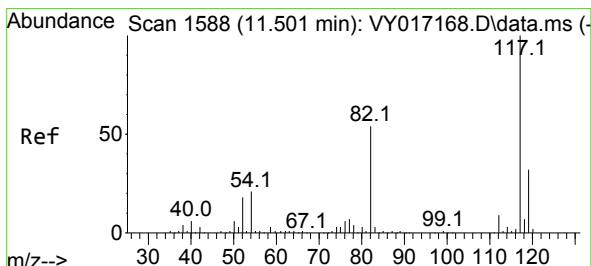
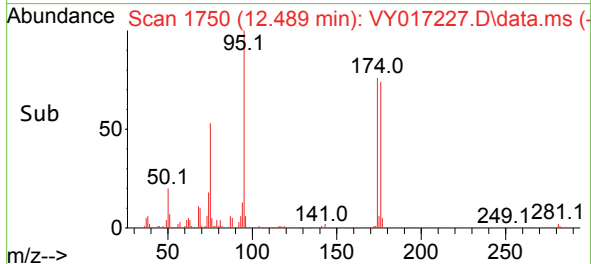
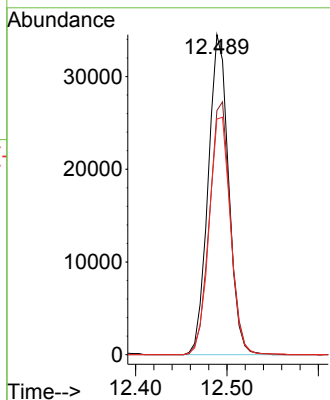
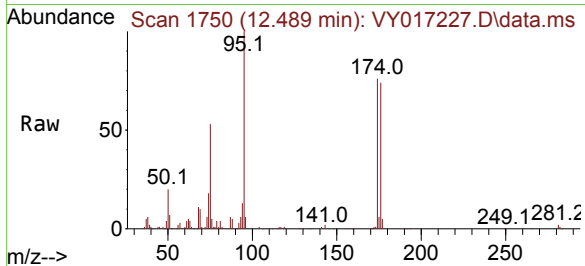




#62
4-Bromofluorobenzene
Concen: 47.154 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

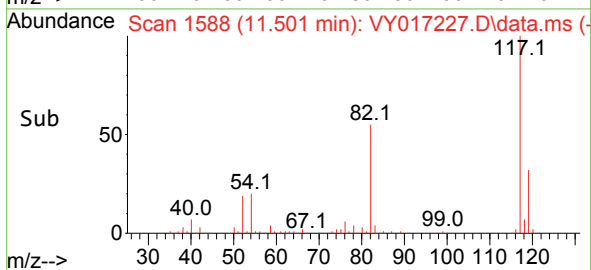
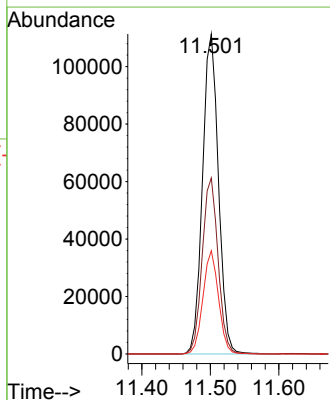
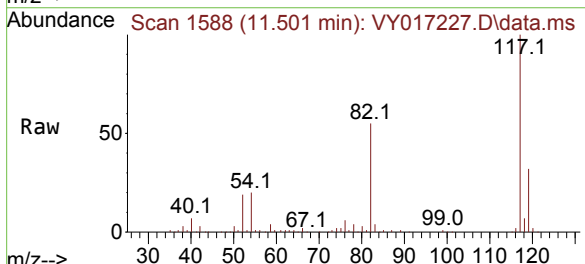
Instrument :
MSVOA_Y
ClientSampleId :
EB-5-6-8

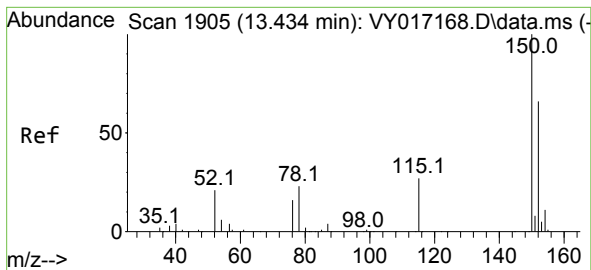
Tgt Ion:	95	Resp:	53457
Ion	Ratio	Lower	Upper
95	100		
174	81.2	0.0	160.0
176	77.9	0.0	151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

Tgt Ion:	117	Resp:	180598
Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.8	65.8
119	32.3	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: VY017227.D

Acq: 05 Feb 2024 14:30

Instrument :

MSVOA_Y

ClientSampleId :

EB-5-6-8

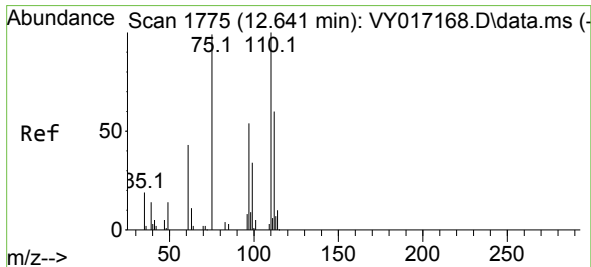
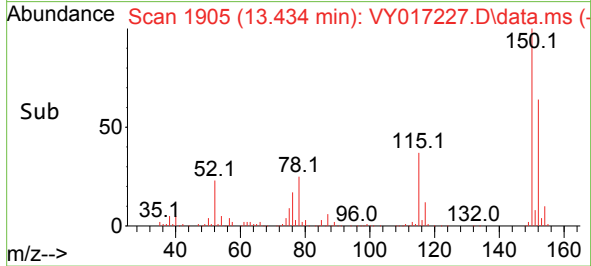
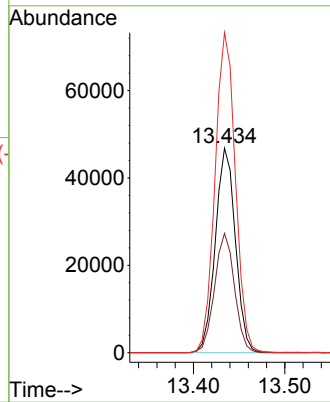
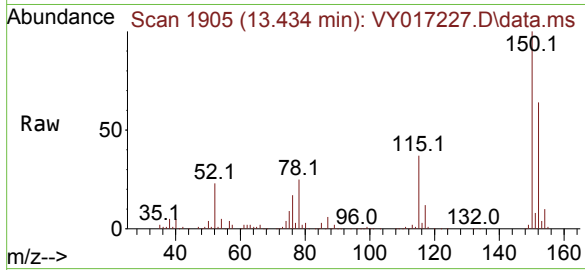
Tgt Ion:152 Resp: 71541

Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 158.6 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 42.036 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017227.D

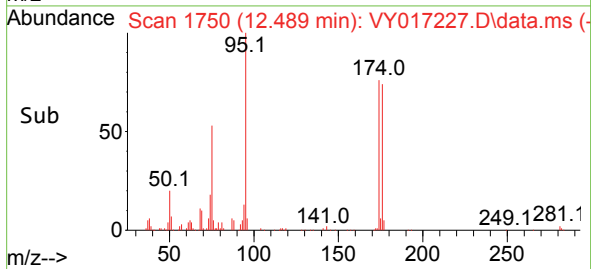
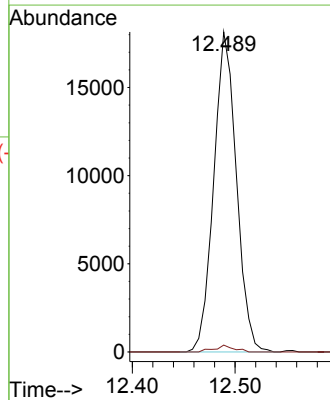
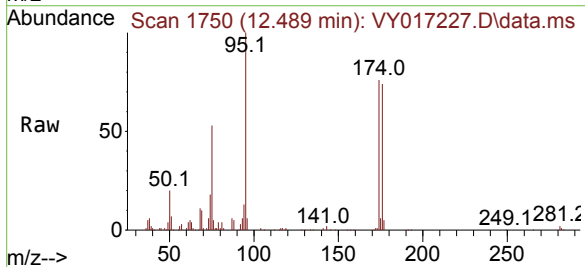
Acq: 05 Feb 2024 14:30

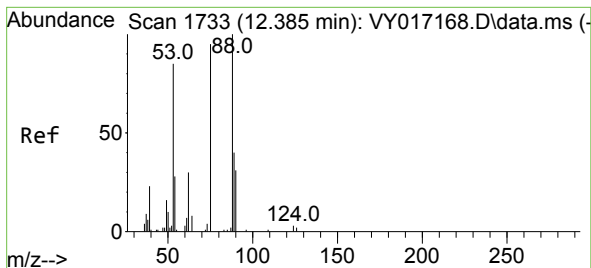
Tgt Ion: 75 Resp: 27757

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#

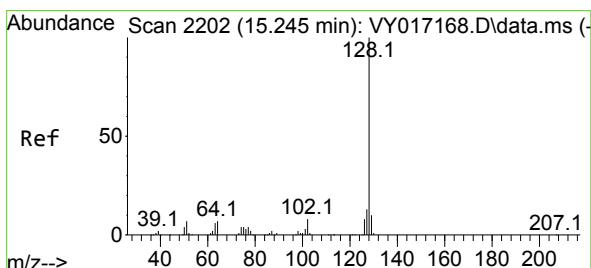
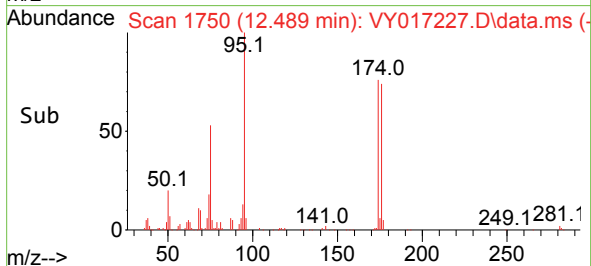
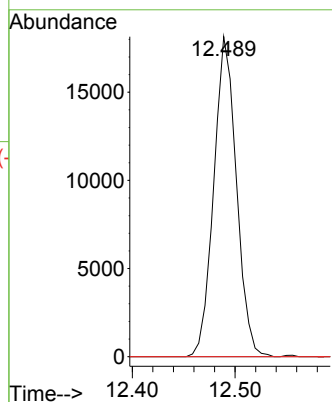
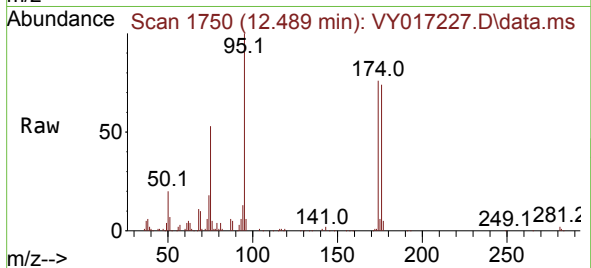




#81
trans-1,4-Dichloro-2-butene
Concen: 87.346 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

Instrument :
MSVOA_Y
ClientSampleId :
EB-5-6-8

Tgt Ion: 75 Resp: 27757
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 4.070 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017227.D
Acq: 05 Feb 2024 14:30

Tgt Ion: 128 Resp: 1311
Ion Ratio Lower Upper
128 100
127 8.6 10.2 15.4#
129 8.4 8.6 12.8#

