

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017229.D
 Acq On : 05 Feb 2024 15:17
 Operator : SY/MD
 Sample : P1367-09
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-7-5-7D

Quant Time: Feb 06 01:00:40 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)

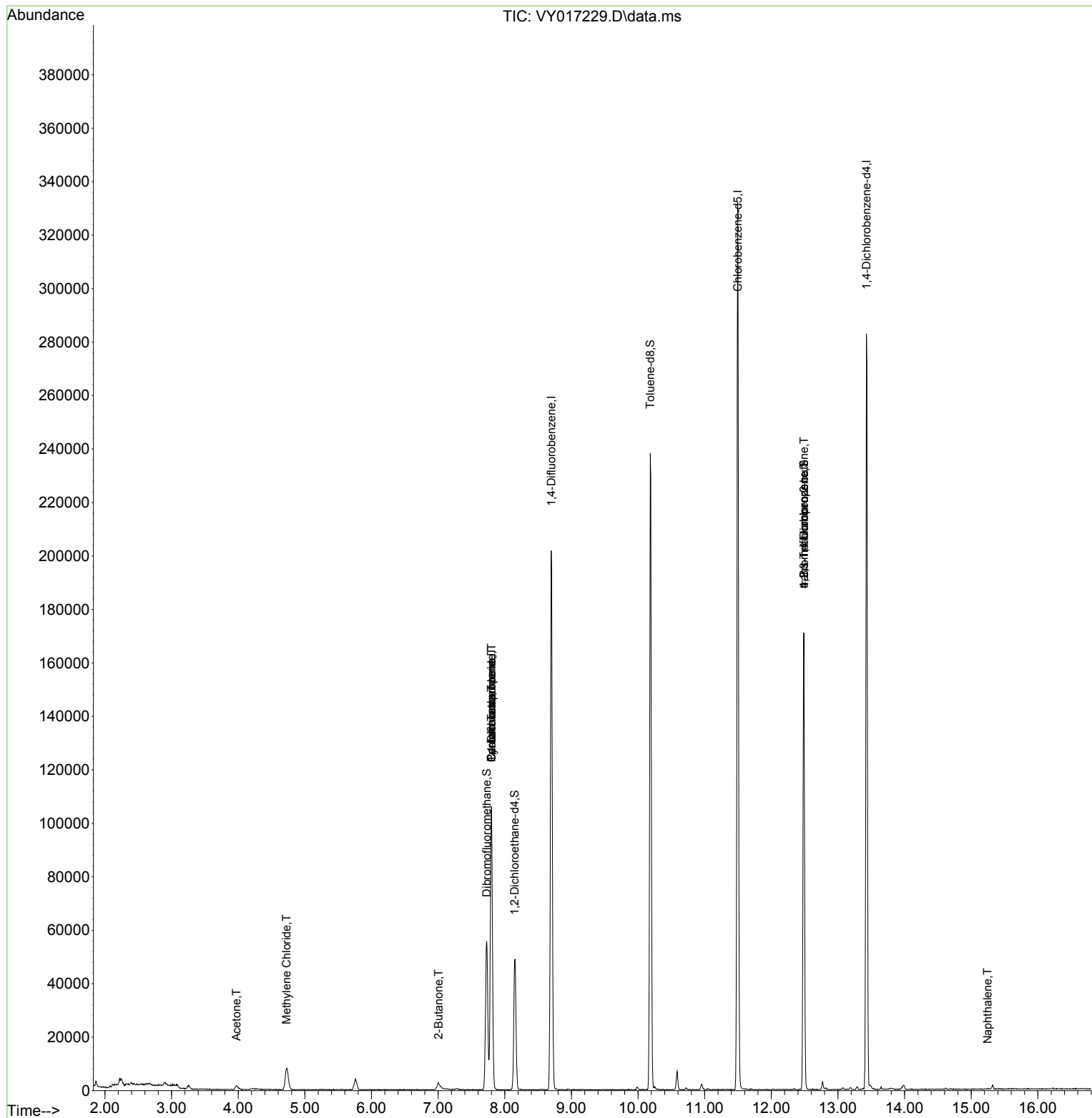
Internal Standards						
1) Pentafluorobenzene	7.801	168	80152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	173739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178644	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37464	52.322	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.640%	
35) Dibromofluoromethane	7.728	113	40941	43.643	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 87.280%	
50) Toluene-d8	10.185	98	155256	45.457	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.920%	
62) 4-Bromofluorobenzene	12.489	95	51670	46.181	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.360%	
Target Compounds						
11) Tert butyl alcohol	4.985	59	42	Below Cal	#	75
16) Acetone	3.973	43	2961	14.070	ug/l	100
20) Methylene Chloride	4.722	84	6079	3.817	ug/l	97
25) 2-Butanone	7.009	43	418	1.494	ug/l #	71
31) Cyclohexane	7.801	56	1833	1.270	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	6737	4.163	ug/l #	49
38) Carbon Tetrachloride	7.801	117	8143	5.256	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	27173	41.475	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	27173	86.179	ug/l #	12
95) Naphthalene	15.245	128	402	3.622	ug/l #	69

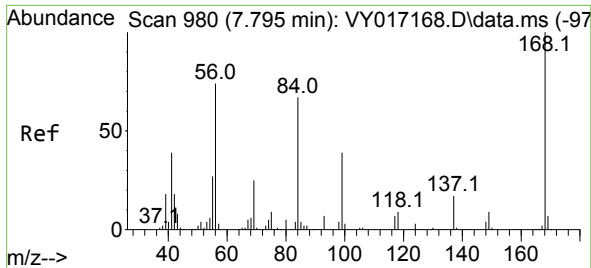
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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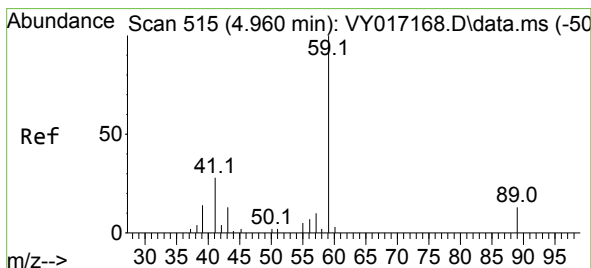
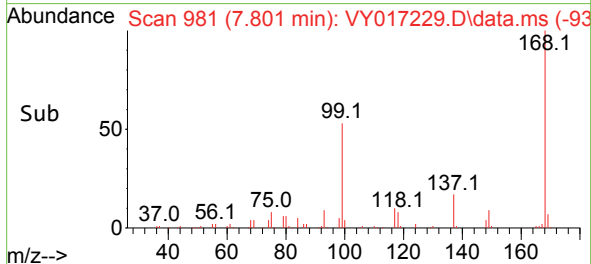
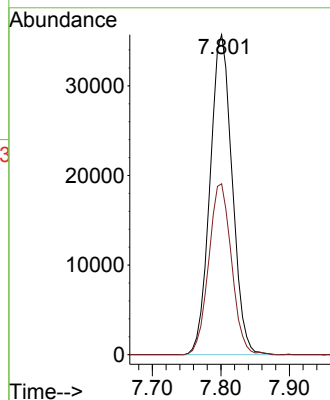
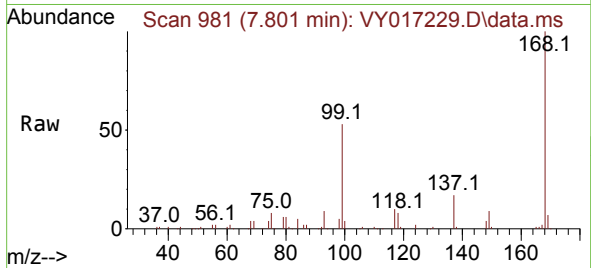




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

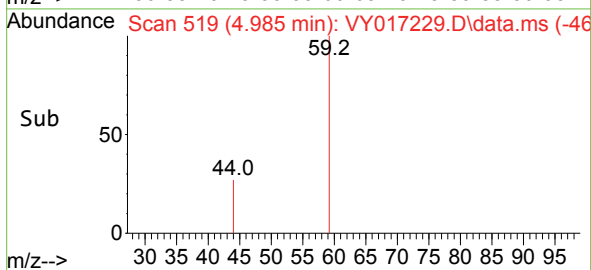
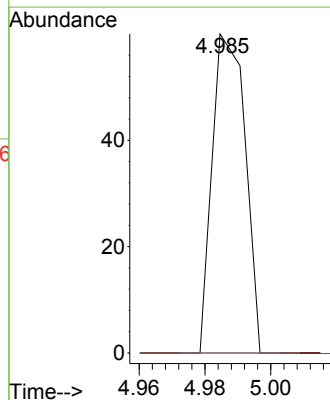
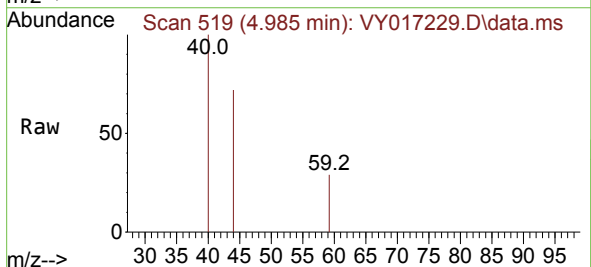
Instrument :
MSVOA_Y
ClientSampleId :
EB-7-5-7D

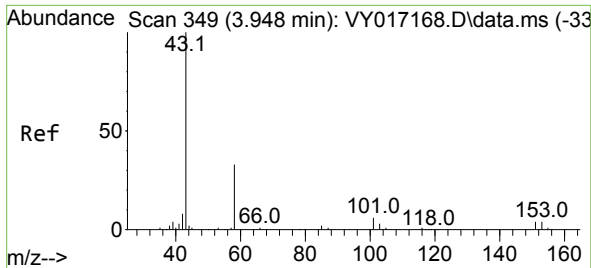
Tgt Ion:168 Resp: 80152
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.985 min Scan# 519
Delta R.T. 0.025 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 14.070 ug/l

RT: 3.973 min Scan# 3

Delta R.T. 0.025 min

Lab File: VY017229.D

Acq: 05 Feb 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

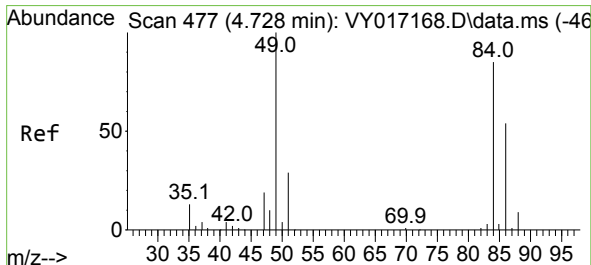
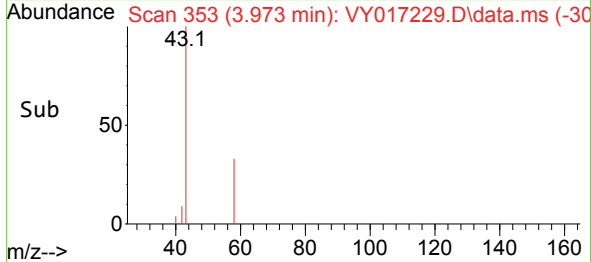
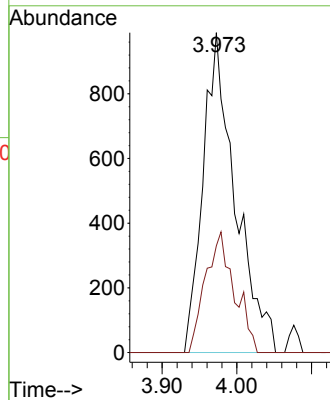
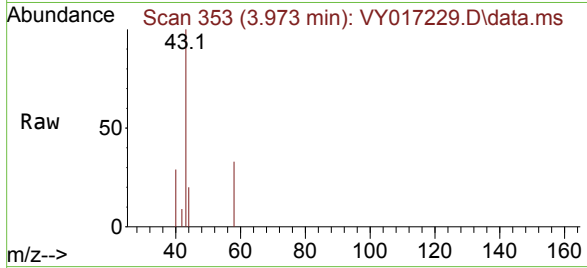
EB-7-5-7D

Tgt Ion: 43 Resp: 2961

Ion Ratio Lower Upper

43 100

58 33.4 26.6 39.8



#20

Methylene Chloride

Concen: 3.817 ug/l

RT: 4.722 min Scan# 476

Delta R.T. -0.006 min

Lab File: VY017229.D

Acq: 05 Feb 2024 15:17

Tgt Ion: 84 Resp: 6079

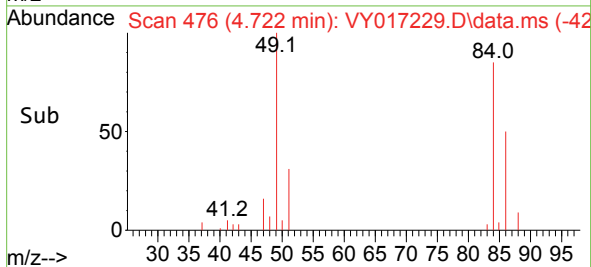
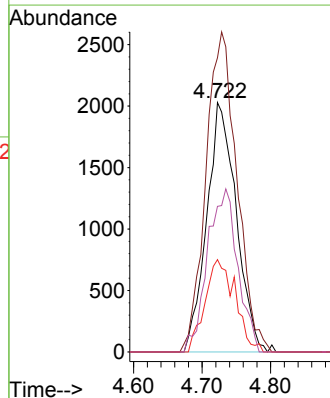
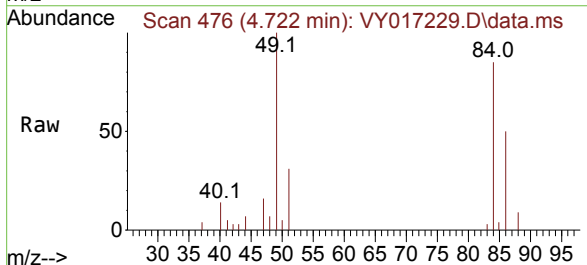
Ion Ratio Lower Upper

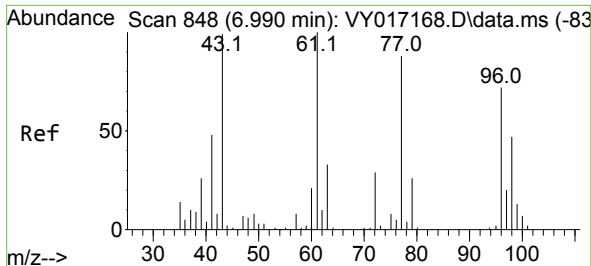
84 100

49 117.9 95.2 142.8

51 37.0 29.9 44.9

86 58.4 52.2 78.4

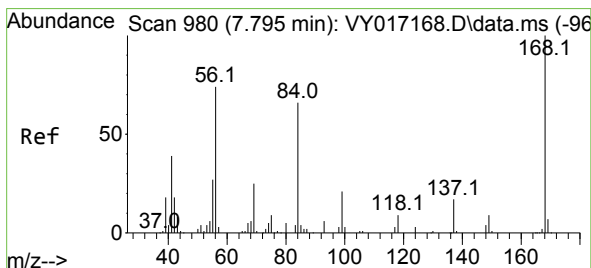
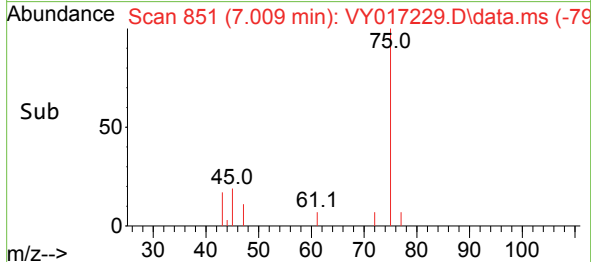
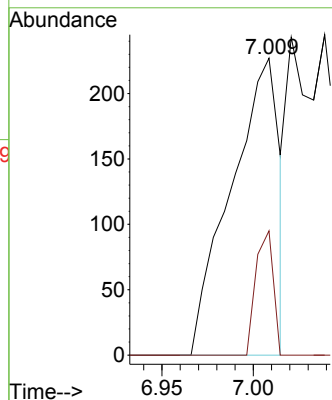
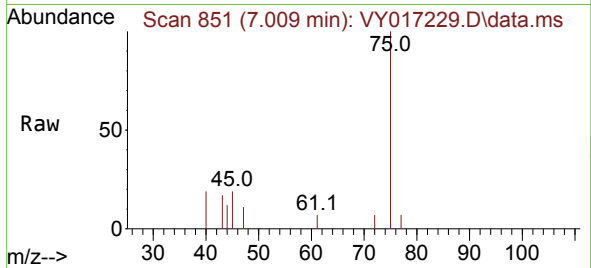




#25
2-Butanone
Concen: 1.494 ug/l
RT: 7.009 min Scan# 81
Delta R.T. 0.019 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

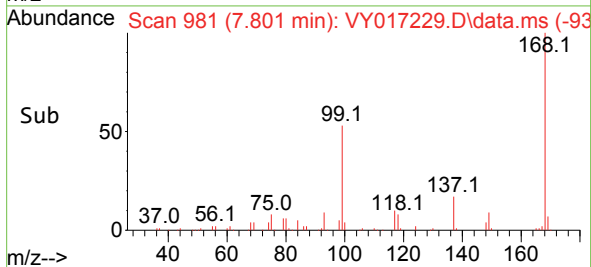
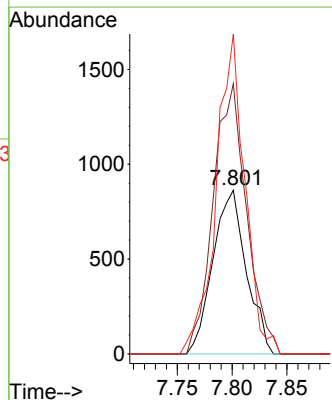
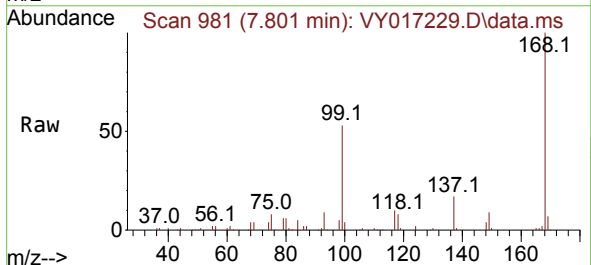
Instrument :
MSVOA_Y
ClientSampleId :
EB-7-5-7D

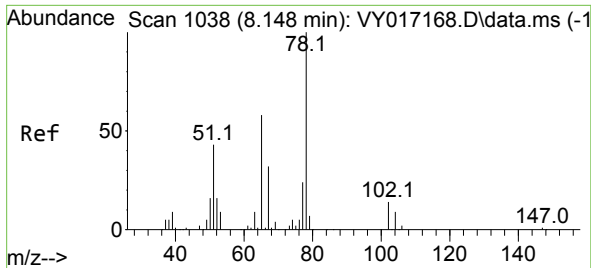
Tgt Ion: 43 Resp: 418
Ion Ratio Lower Upper
43 100
72 41.9 21.4 32.2#



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

Tgt Ion: 56 Resp: 1833
Ion Ratio Lower Upper
56 100
69 165.1 27.0 40.6#
84 195.5 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 52.322 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY017229.D

Acq: 05 Feb 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

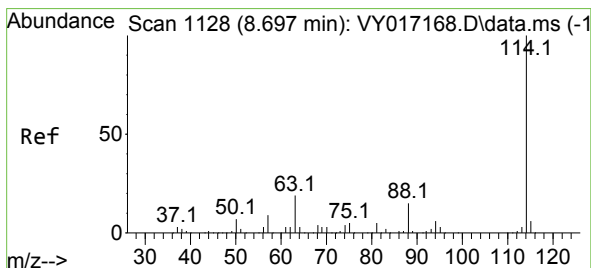
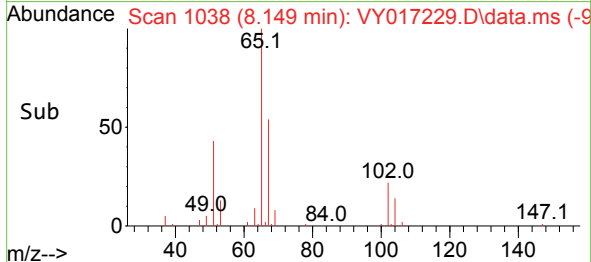
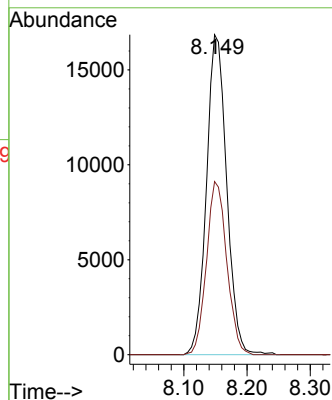
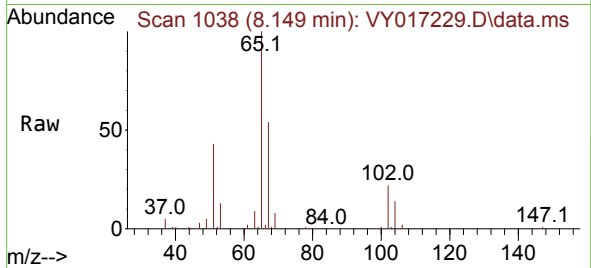
EB-7-5-7D

Tgt Ion: 65 Resp: 37464

Ion Ratio Lower Upper

65 100

67 54.3 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: VY017229.D

Acq: 05 Feb 2024 15:17

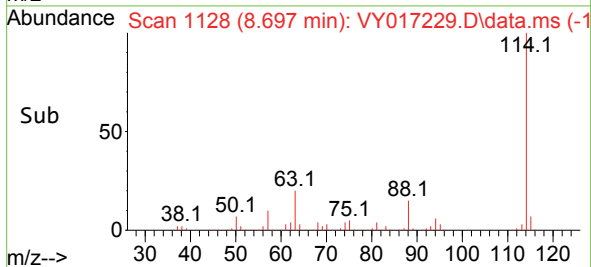
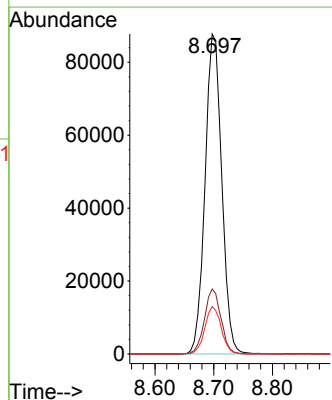
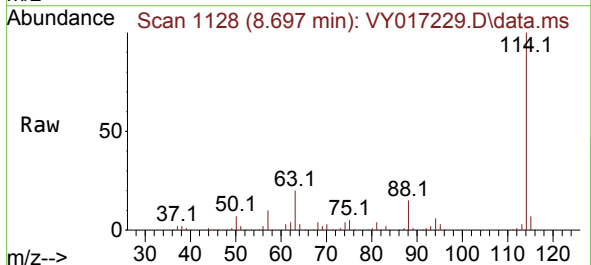
Tgt Ion: 114 Resp: 173739

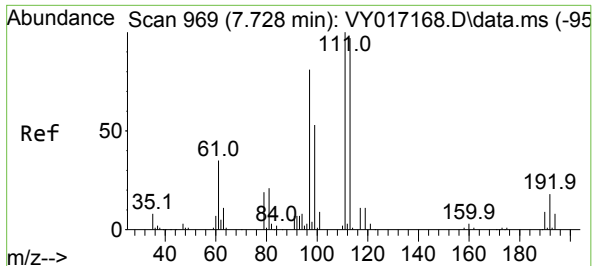
Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.8 0.0 29.0

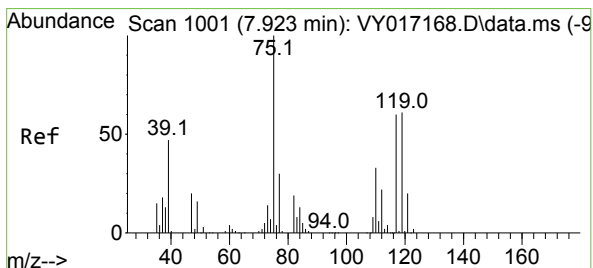
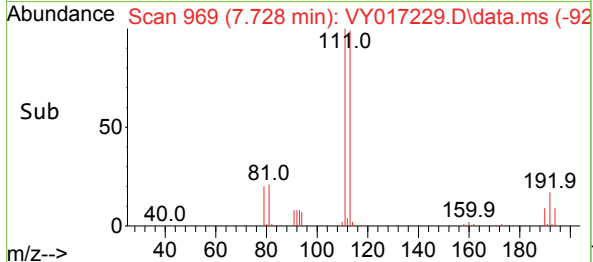
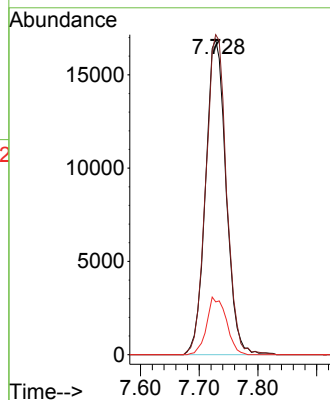
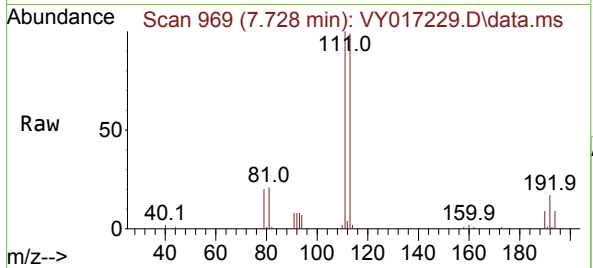




#35
Dibromofluoromethane
Concen: 43.643 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

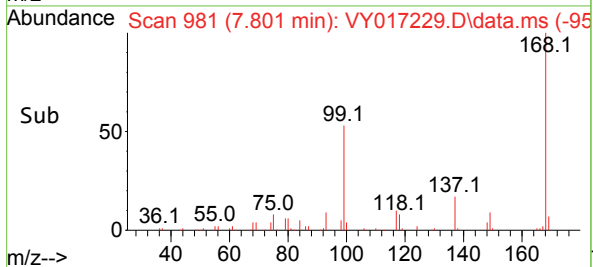
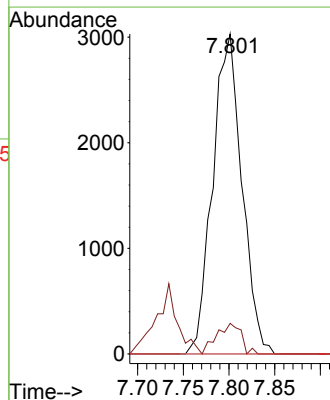
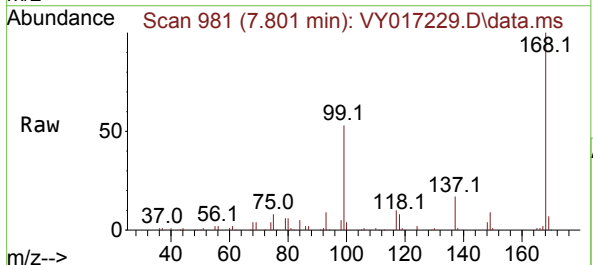
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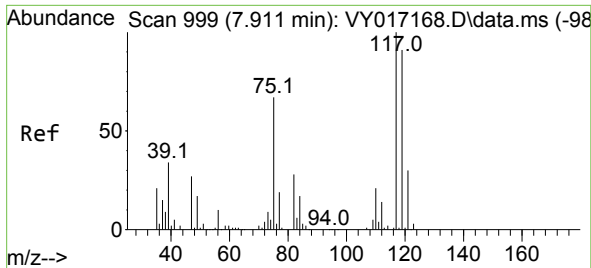
Tgt Ion:113 Resp: 40941
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.163 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

Tgt Ion: 75 Resp: 6737
Ion Ratio Lower Upper
75 100
110 8.0 17.4 52.3#
77 0.0 24.7 37.1#

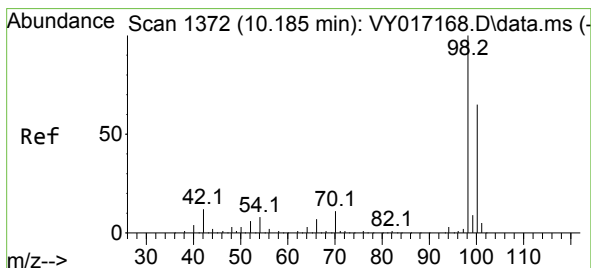
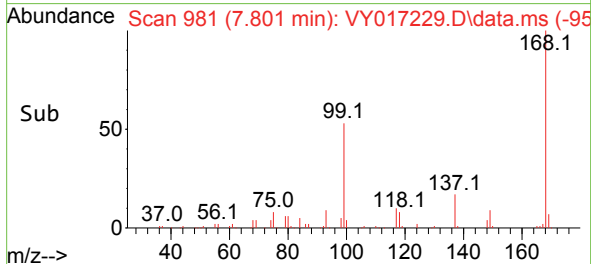
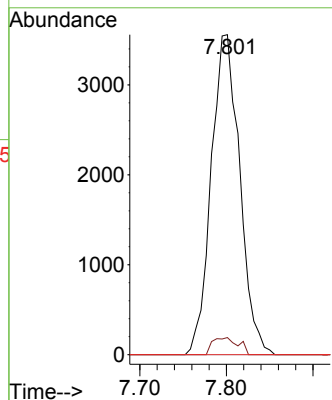
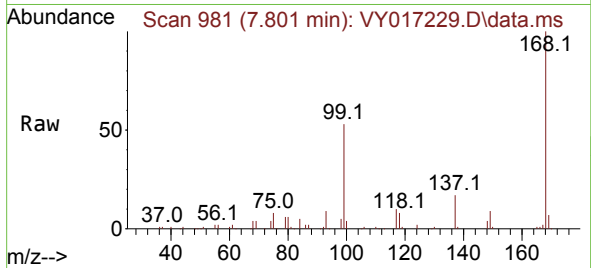




#38
Carbon Tetrachloride
Concen: 5.256 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

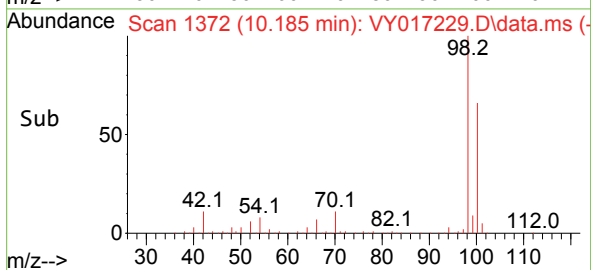
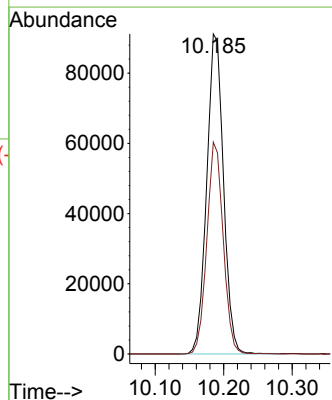
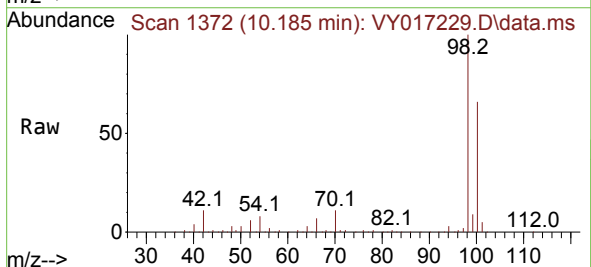
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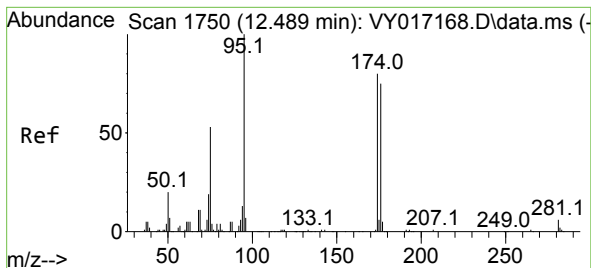
Tgt Ion:117 Resp: 8143
Ion Ratio Lower Upper
117 100
119 5.4 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.457 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

Tgt Ion: 98 Resp: 155256
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 46.181 ug/l

RT: 12.489 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017229.D

Acq: 05 Feb 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

EB-7-5-7D

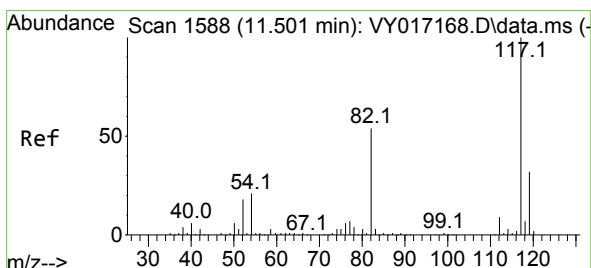
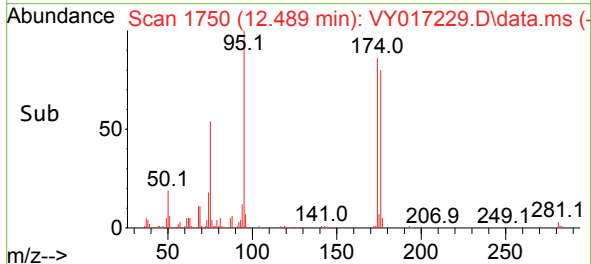
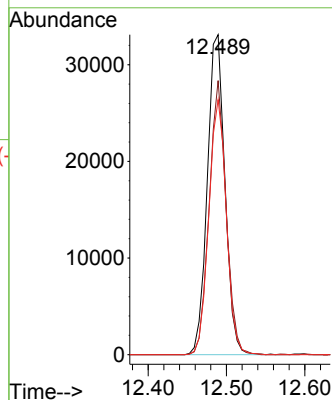
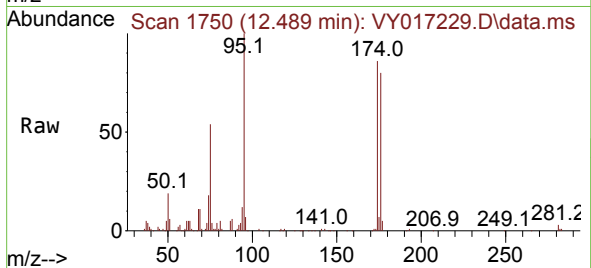
Tgt Ion: 95 Resp: 51670

Ion Ratio Lower Upper

95 100

174 82.2 0.0 160.0

176 79.3 0.0 151.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1587

Delta R.T. -0.006 min

Lab File: VY017229.D

Acq: 05 Feb 2024 15:17

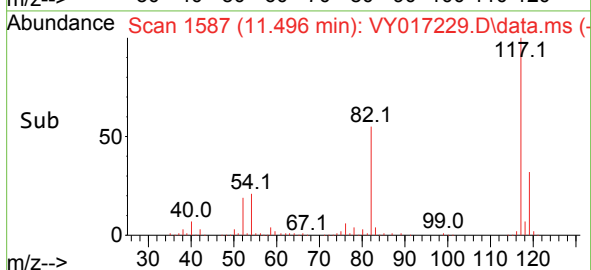
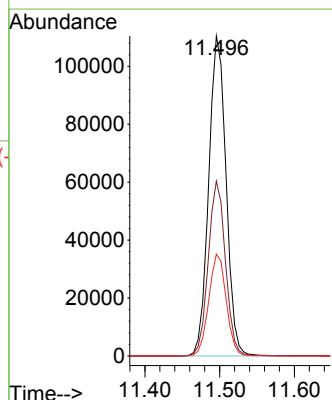
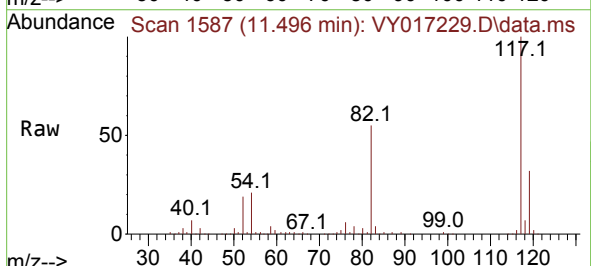
Tgt Ion: 117 Resp: 178644

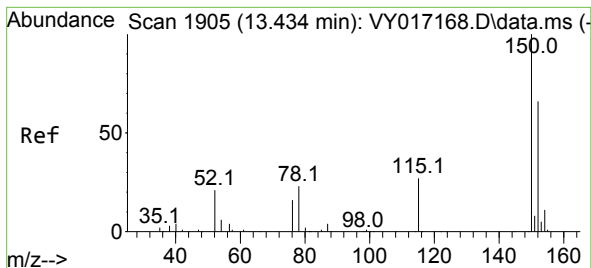
Ion Ratio Lower Upper

117 100

82 54.6 43.8 65.8

119 31.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017229.D

Acq: 05 Feb 2024 15:17

Instrument :

MSVOA_Y

ClientSampleId :

EB-7-5-7D

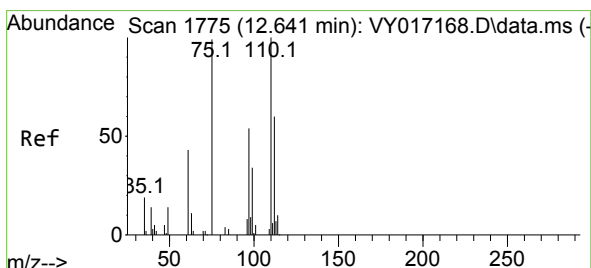
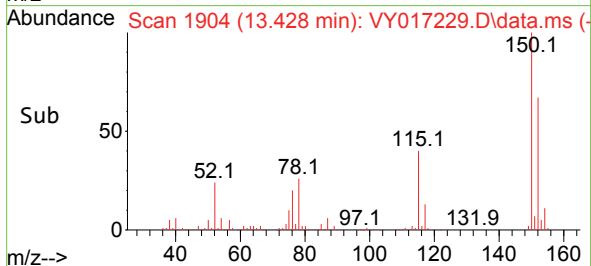
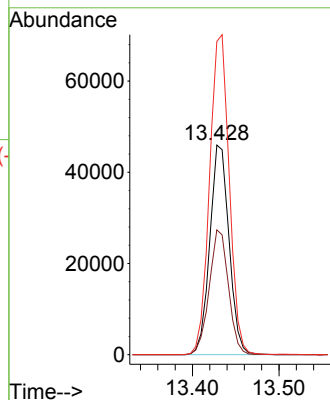
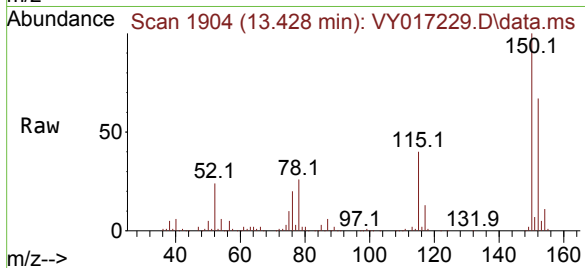
Tgt Ion:152 Resp: 70984

Ion Ratio Lower Upper

152 100

115 59.6 30.0 90.0

150 155.6 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 41.475 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017229.D

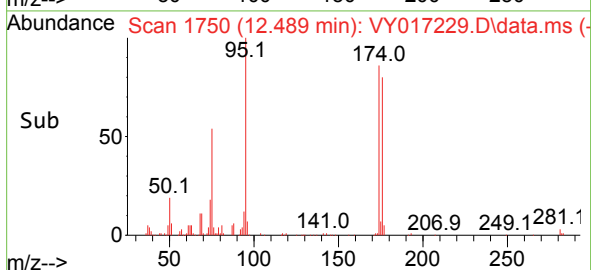
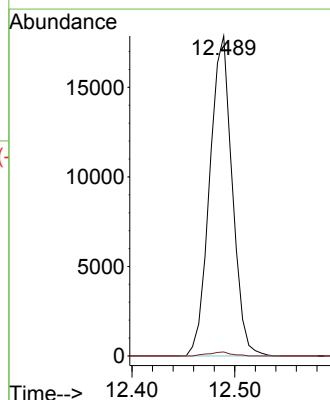
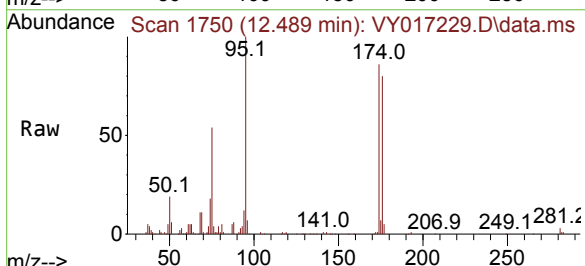
Acq: 05 Feb 2024 15:17

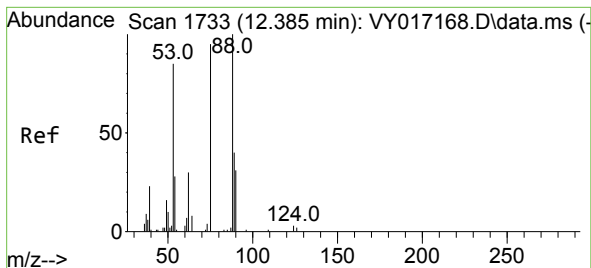
Tgt Ion: 75 Resp: 27173

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#

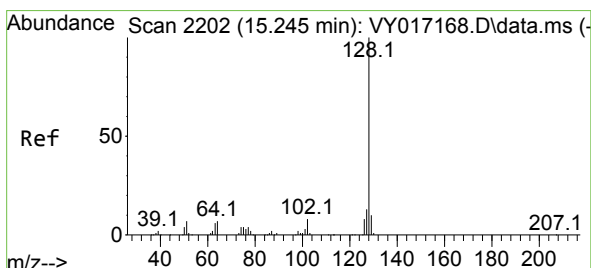
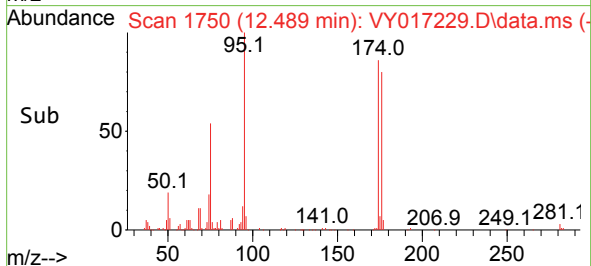
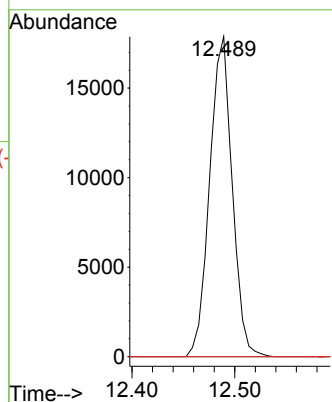
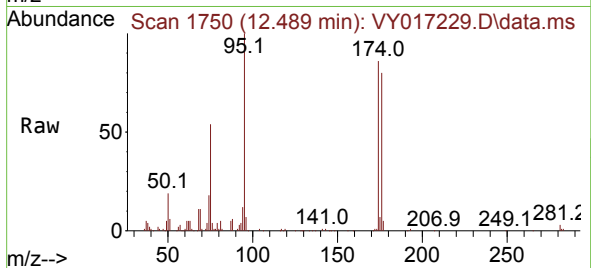




#81
trans-1,4-Dichloro-2-butene
Concen: 86.179 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

Instrument :
MSVOA_Y
ClientSampleId :
EB-7-5-7D

Tgt Ion: 75 Resp: 27173
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.622 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY017229.D
Acq: 05 Feb 2024 15:17

Tgt Ion: 128 Resp: 402
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

