

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020524\
 Data File : VY017222.D
 Acq On : 05 Feb 2024 12:33
 Operator : SY/MD
 Sample : P1366-01
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EB-2-6-8

Quant Time: Feb 06 01:13:05 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)

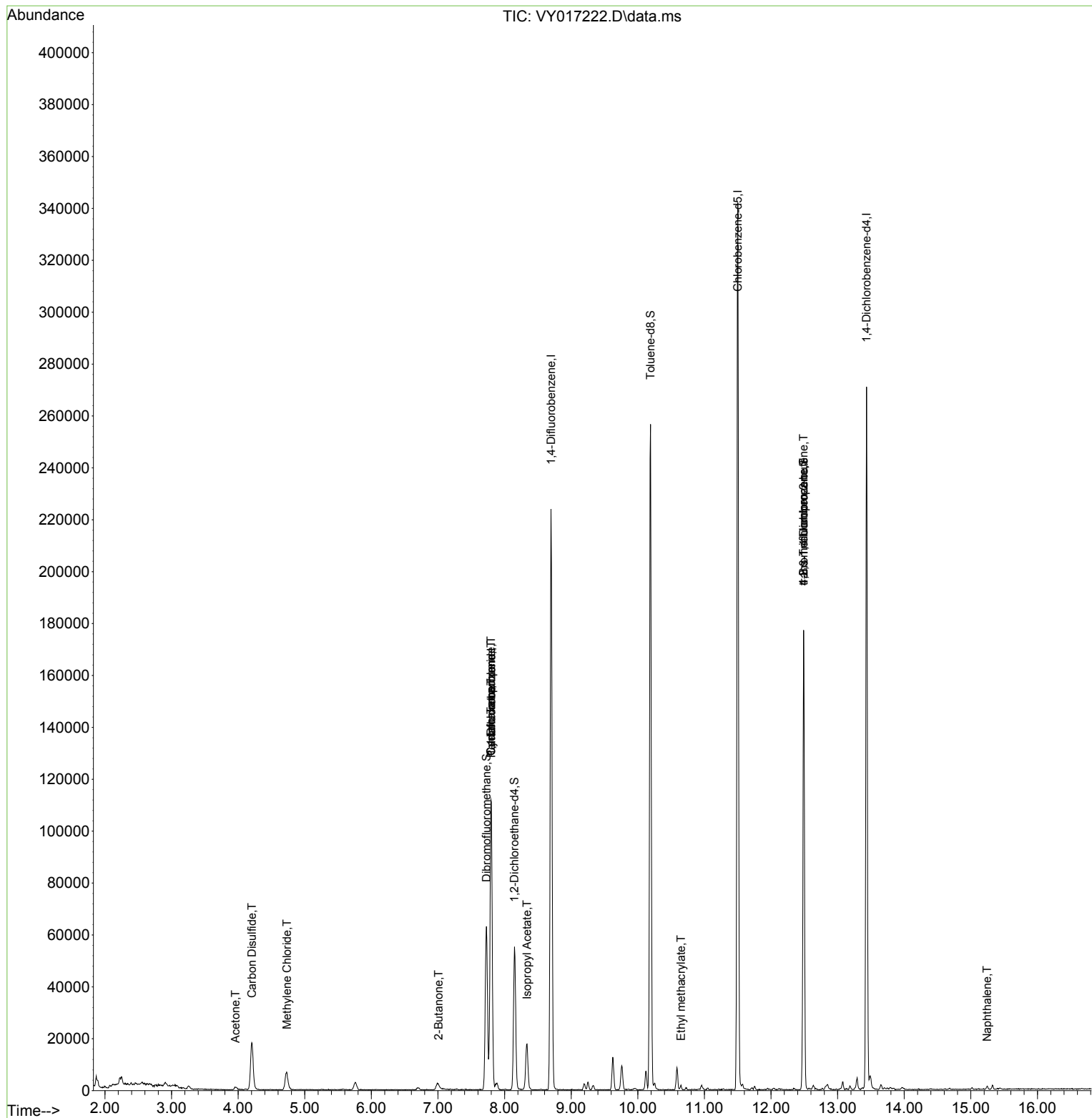
Internal Standards						
1) Pentafluorobenzene	7.801	168	89134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	190667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	186034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	41965	52.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.400%
35) Dibromofluoromethane	7.728	113	46187	44.864	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.720%
50) Toluene-d8	10.191	98	169535	45.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.460%
62) 4-Bromofluorobenzene	12.489	95	53101	43.247	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	23	Below Cal	#	75
16) Acetone	3.960	43	1972	8.426	ug/l #	84
17) Carbon Disulfide	4.204	76	37881	13.735	ug/l	98
20) Methylene Chloride	4.734	84	5144	2.004	ug/l	83
25) 2-Butanone	7.008	43	601	1.932	ug/l #	48
31) Cyclohexane	7.795	56	2044	1.274	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7202	4.056	ug/l #	50
38) Carbon Tetrachloride	7.795	117	8507	5.003	ug/l #	16
43) Isopropyl Acetate	8.337	43	3371	2.312	ug/l #	51
56) Ethyl methacrylate	10.648	69	97	3.079	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	27436	43.493	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	27436	90.373	ug/l #	13
95) Naphthalene	15.245	128	1291	4.090	ug/l #	93

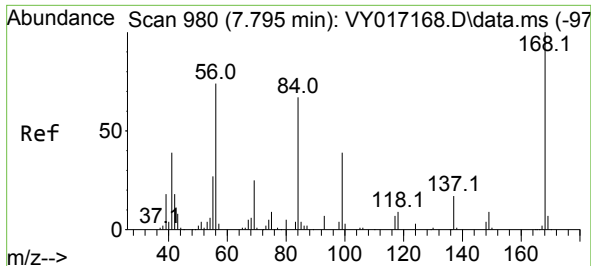
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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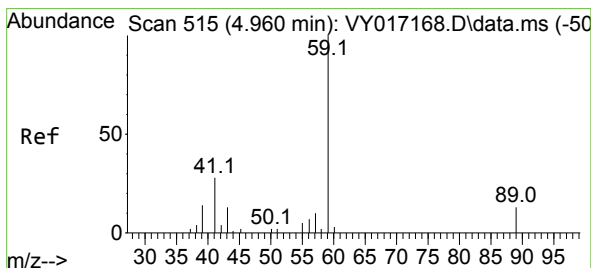
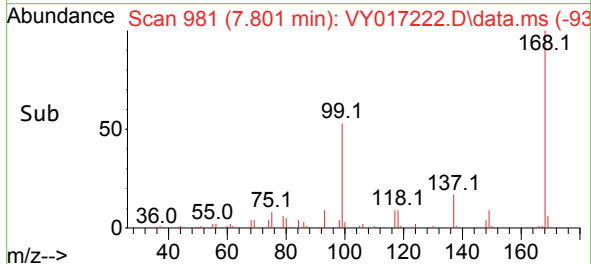
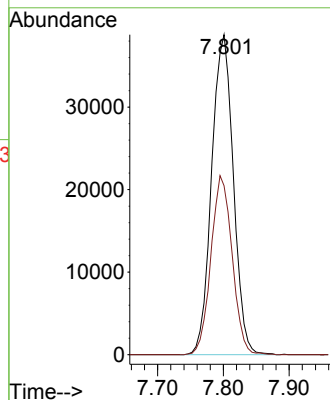
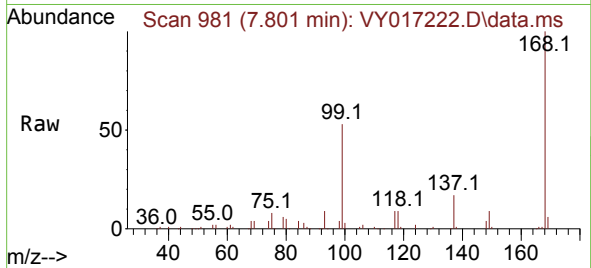




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

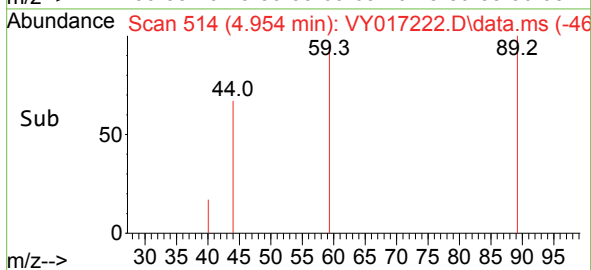
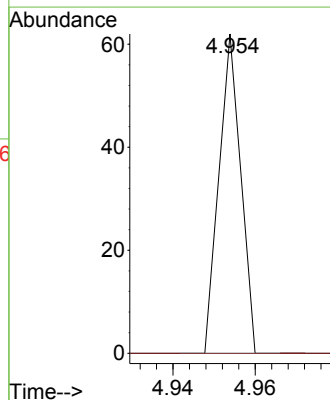
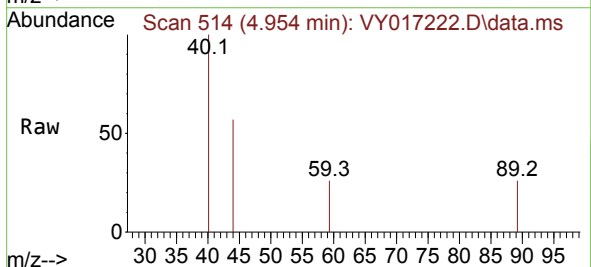
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-6-8

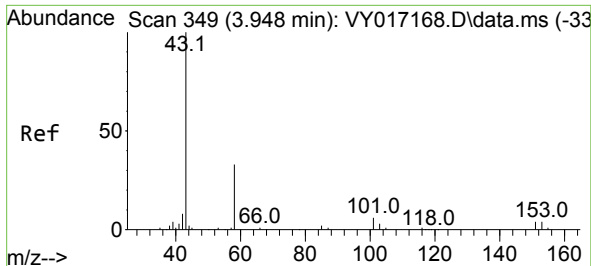
Tgt Ion:168 Resp: 89134
Ion Ratio Lower Upper
168 100
99 52.8 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

Tgt Ion: 59 Resp: 23
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#





#16

Acetone

Concen: 8.426 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY017222.D

Acq: 05 Feb 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

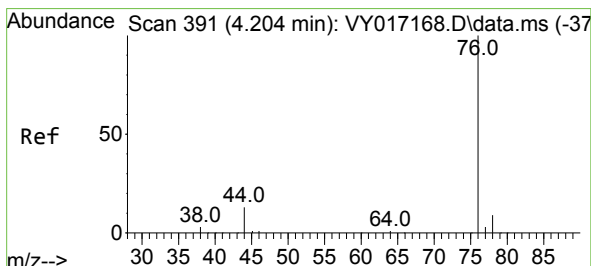
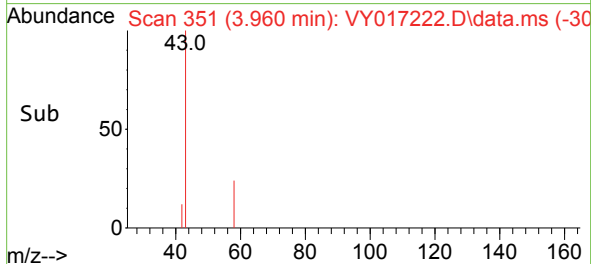
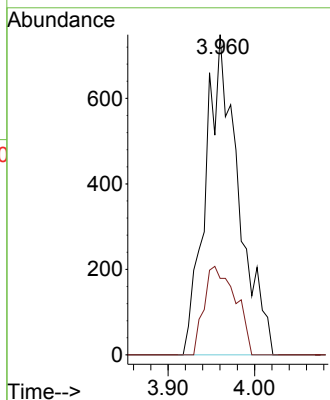
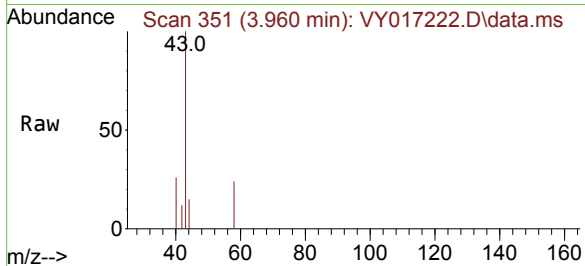
EB-2-6-8

Tgt Ion: 43 Resp: 1972

Ion Ratio Lower Upper

43 100

58 23.9 26.6 39.8#



#17

Carbon Disulfide

Concen: 13.735 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY017222.D

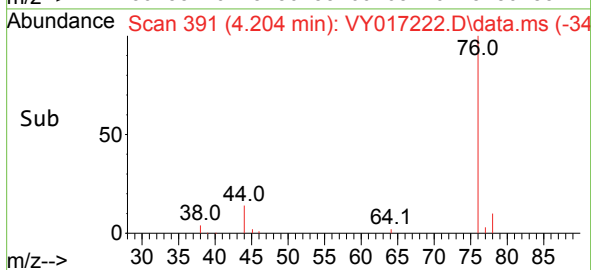
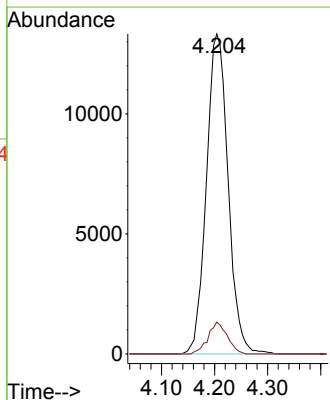
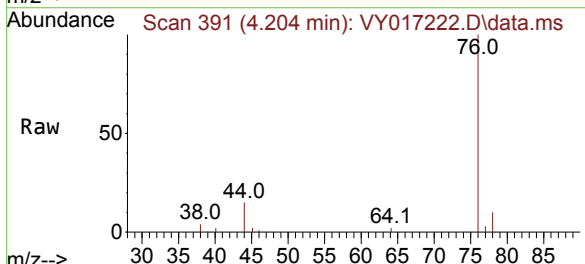
Acq: 05 Feb 2024 12:33

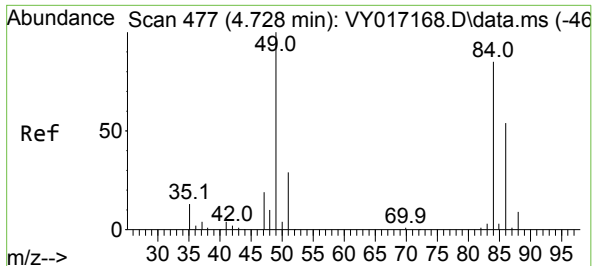
Tgt Ion: 76 Resp: 37881

Ion Ratio Lower Upper

76 100

78 10.0 7.4 11.0





#20

Methylene Chloride

Concen: 2.004 ug/l

RT: 4.734 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017222.D

Acq: 05 Feb 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

EB-2-6-8

Tgt Ion: 84 Resp: 5144

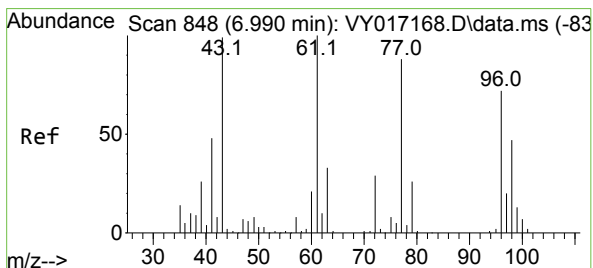
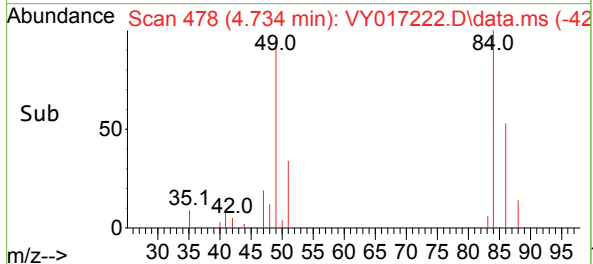
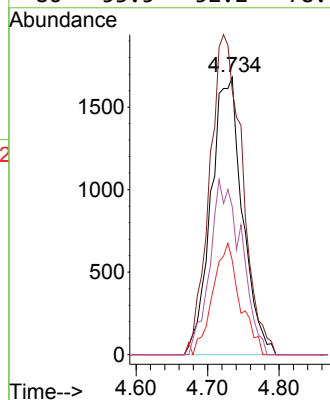
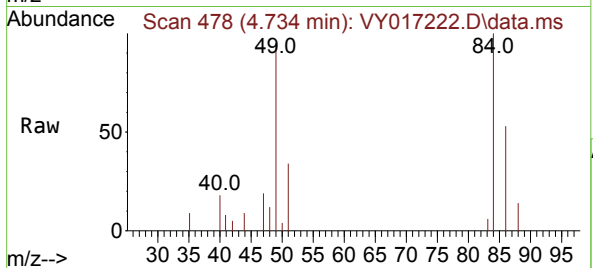
Ion Ratio Lower Upper

84 100

49 95.4 95.2 142.8

51 34.0 29.9 44.9

86 53.5 52.2 78.4



#25

2-Butanone

Concen: 1.932 ug/l

RT: 7.008 min Scan# 851

Delta R.T. 0.018 min

Lab File: VY017222.D

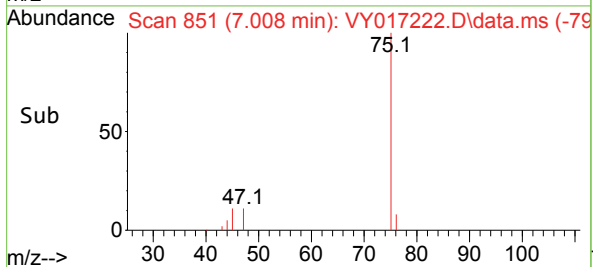
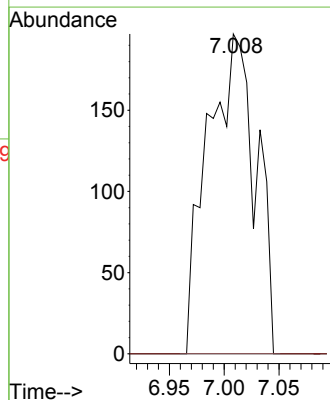
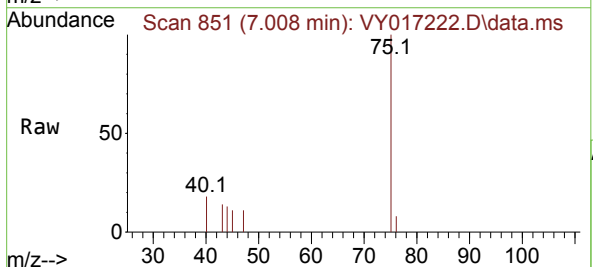
Acq: 05 Feb 2024 12:33

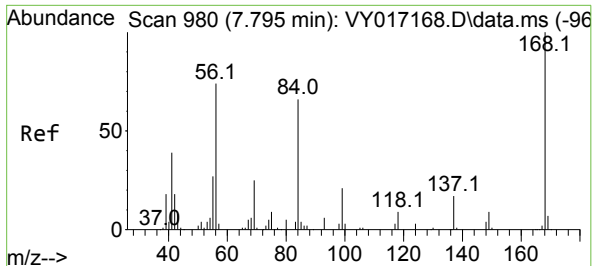
Tgt Ion: 43 Resp: 601

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#

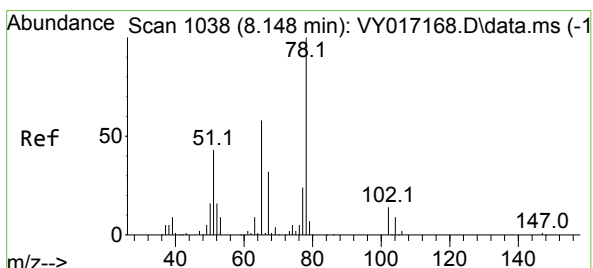
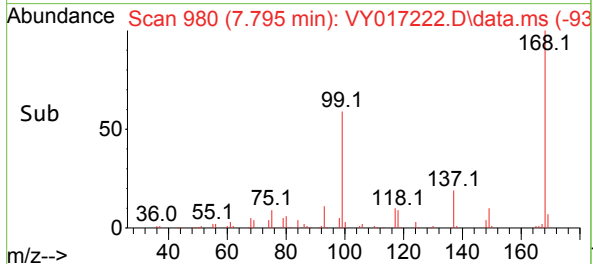
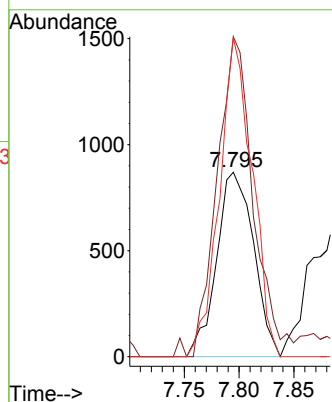
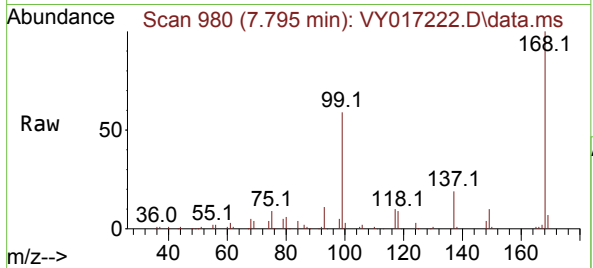




#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

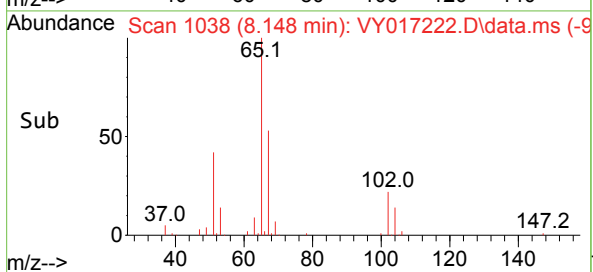
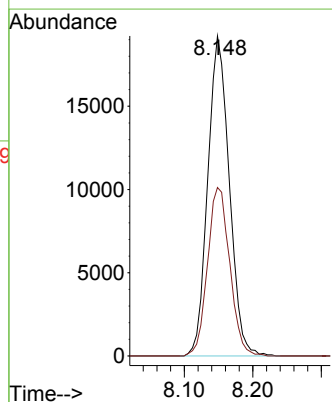
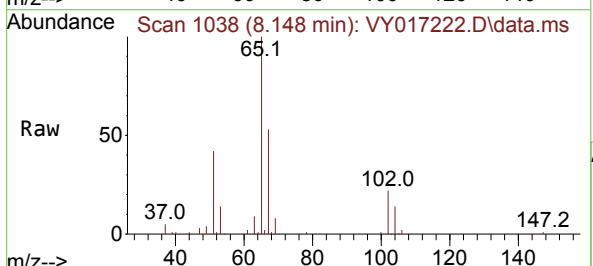
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-6-8

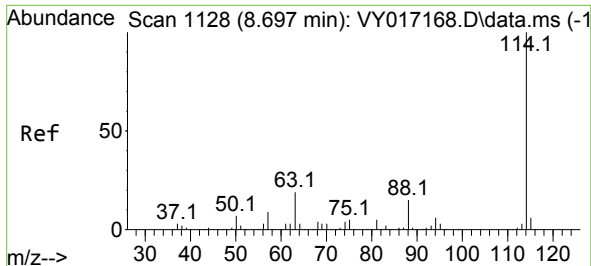
Tgt Ion: 56 Resp: 2044
Ion Ratio Lower Upper
56 100
69 164.3 27.0 40.6#
84 172.9 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 52.702 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

Tgt Ion: 65 Resp: 41965
Ion Ratio Lower Upper
65 100
67 54.4 0.0 109.0

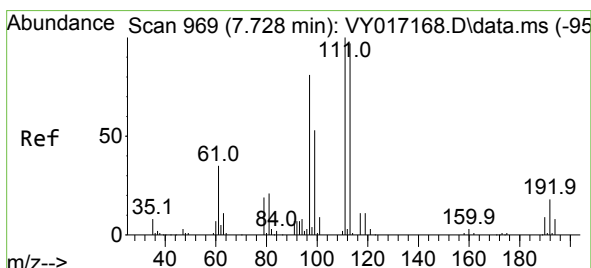
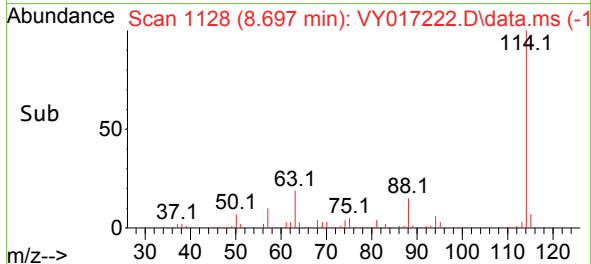
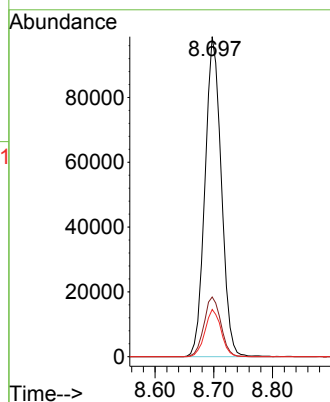
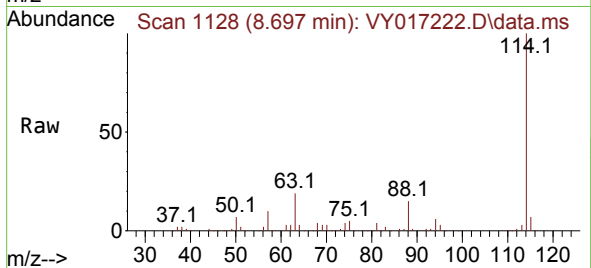




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

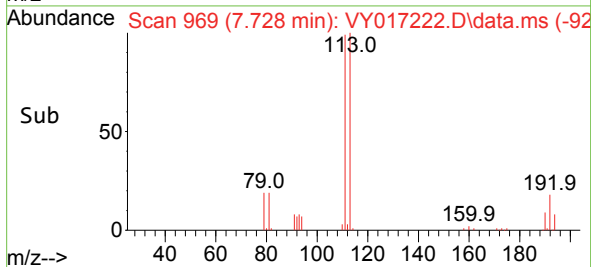
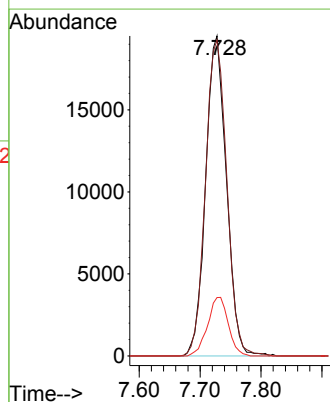
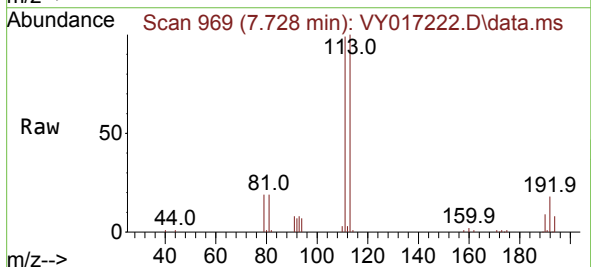
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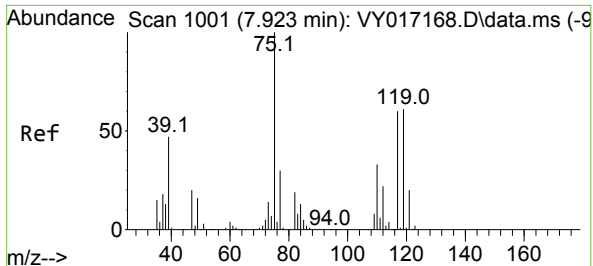
Tgt Ion:114 Resp: 190667
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.4
88 14.8 0.0 29.0



#35
Dibromofluoromethane
Concen: 44.864 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

Tgt Ion:113 Resp: 46187
Ion Ratio Lower Upper
113 100
111 101.6 83.8 125.6
192 18.3 14.5 21.7

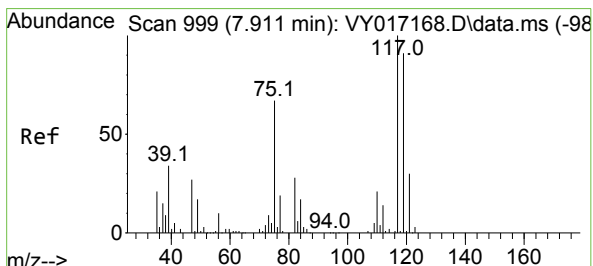
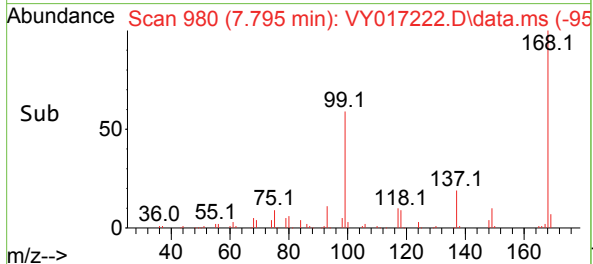
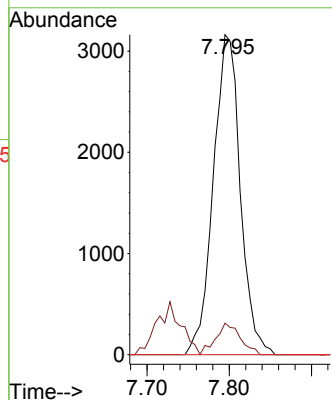
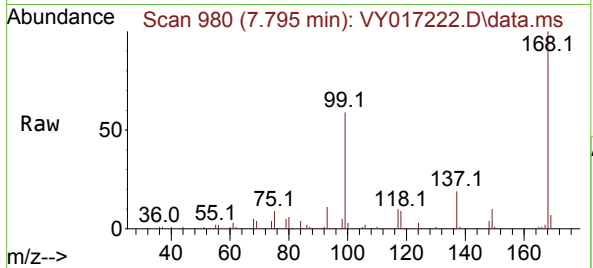




#36
1,1-Dichloropropene
Concen: 4.056 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

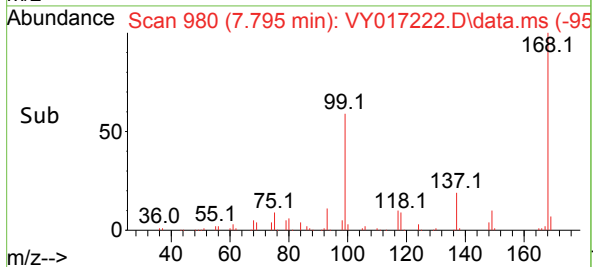
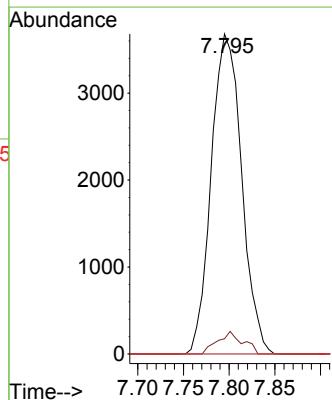
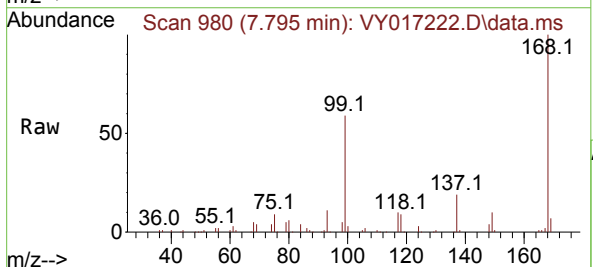
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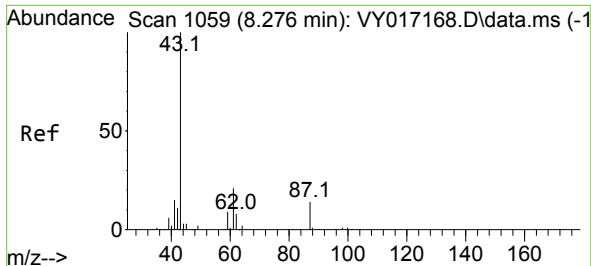
Tgt Ion: 75 Resp: 7202
Ion Ratio Lower Upper
75 100
110 8.9 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.003 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

Tgt Ion: 117 Resp: 8507
Ion Ratio Lower Upper
117 100
119 4.8 76.0 114.0#
121 0.0 24.2 36.2#

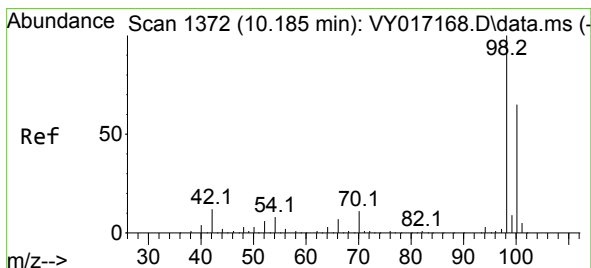
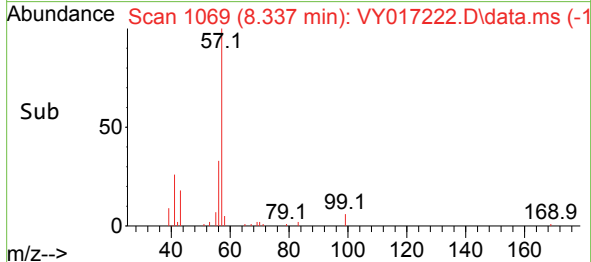
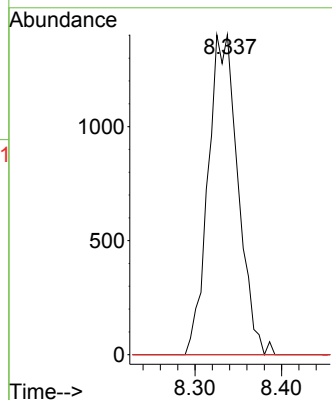
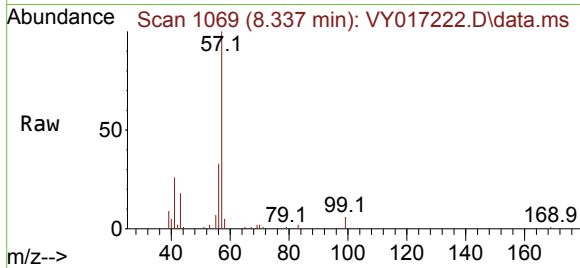




#43
Isopropyl Acetate
Concen: 2.312 ug/l
RT: 8.337 min Scan# 1069
Delta R.T. 0.061 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

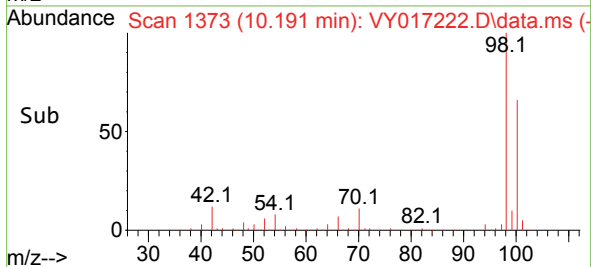
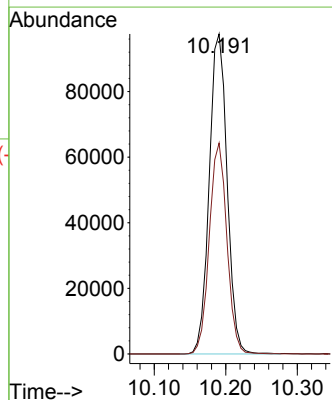
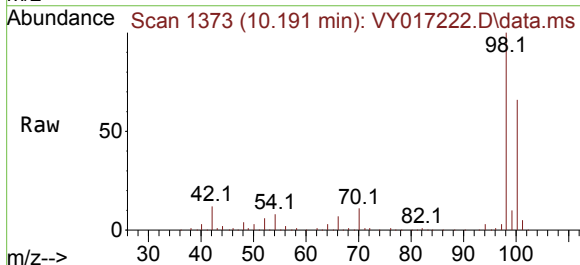
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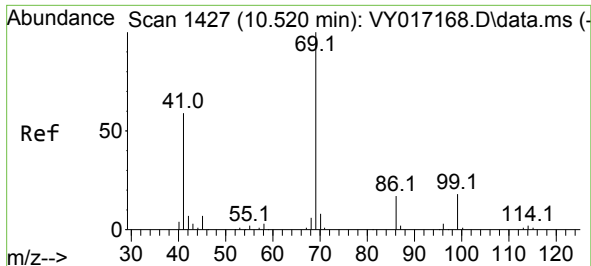
Tgt Ion: 43 Resp: 3371
Ion Ratio Lower Upper
43 100
61 0.0 24.8 37.2#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 45.230 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

Tgt Ion: 98 Resp: 169535
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

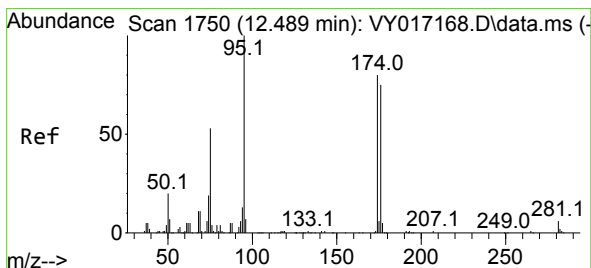
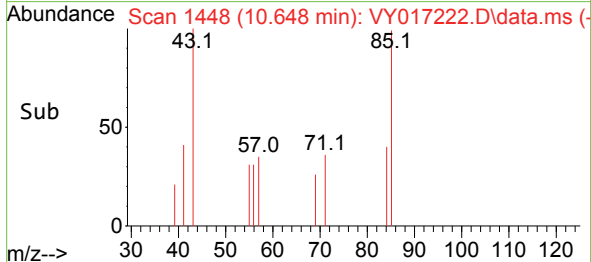
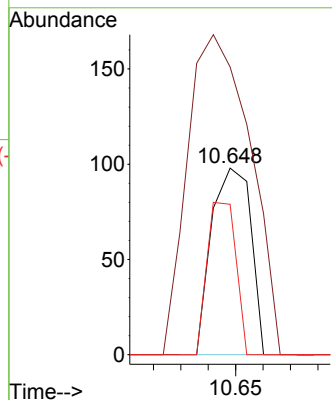
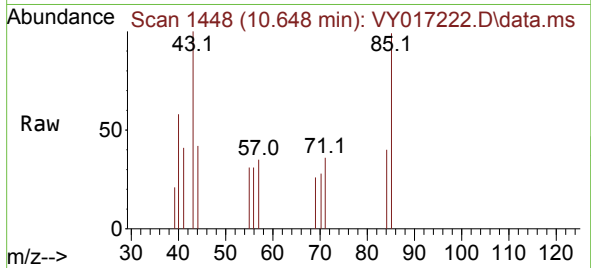




#56
Ethyl methacrylate
Concen: 3.079 ug/l
RT: 10.648 min Scan# 1427
Delta R.T. 0.128 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

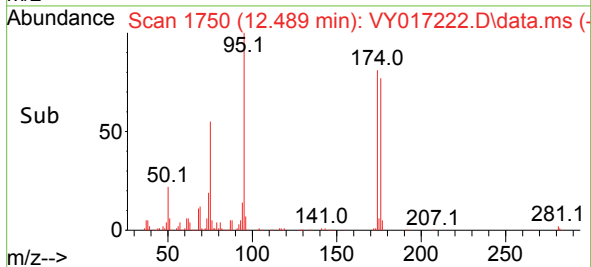
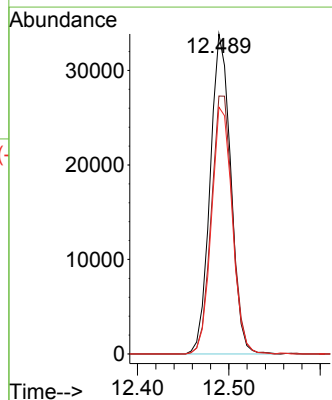
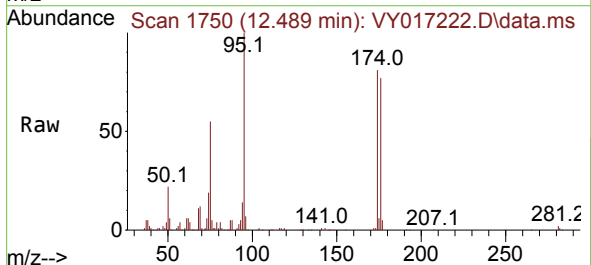
Instrument :
MSVOA_Y
ClientSampleId :
EB-2-6-8

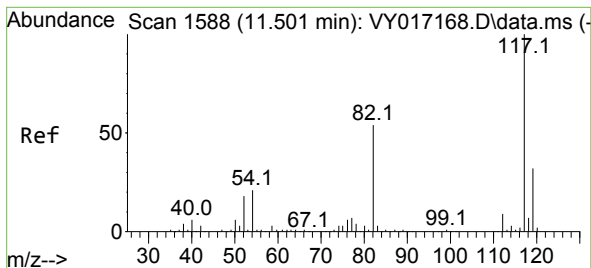
Tgt Ion:	69	Resp:	97
Ion	Ratio	Lower	Upper
69	100		
41	275.3	49.2	73.8#
39	59.8	26.8	40.2#



#62
4-Bromofluorobenzene
Concen: 43.247 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017222.D
Acq: 05 Feb 2024 12:33

Tgt Ion:	95	Resp:	53101
Ion	Ratio	Lower	Upper
95	100		
174	83.2	0.0	160.0
176	77.9	0.0	151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017222.D

Acq: 05 Feb 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

EB-2-6-8

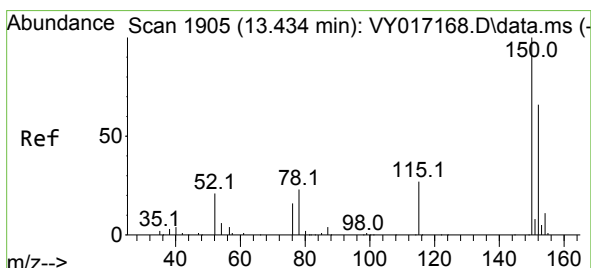
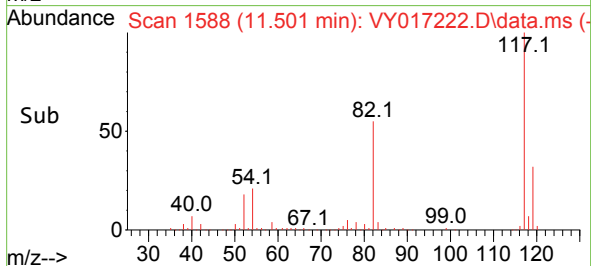
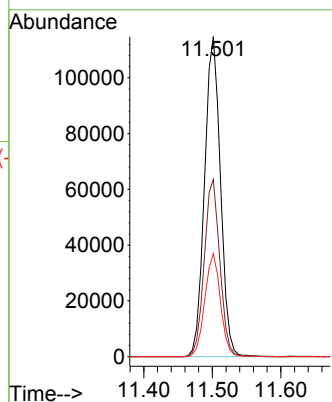
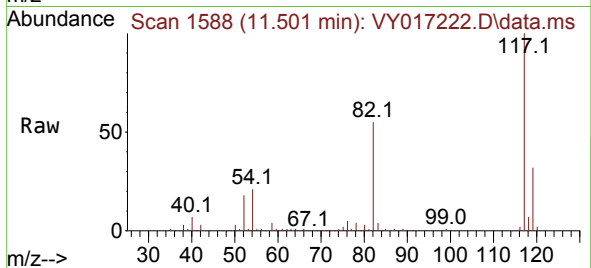
Tgt Ion:117 Resp: 186034

Ion Ratio Lower Upper

117 100

82 55.4 43.8 65.8

119 32.2 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: VY017222.D

Acq: 05 Feb 2024 12:33

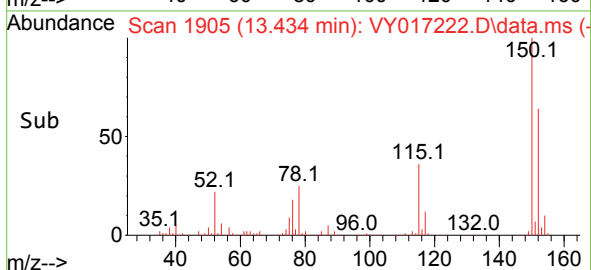
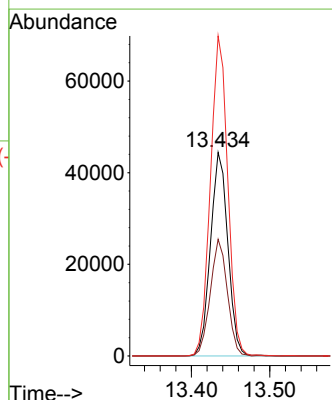
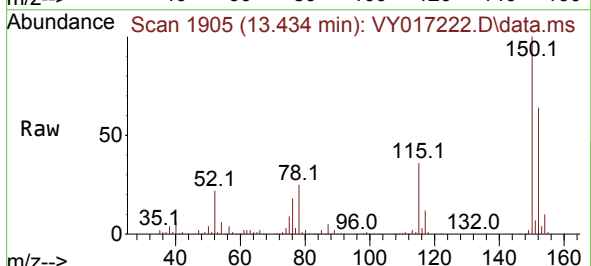
Tgt Ion:152 Resp: 68345

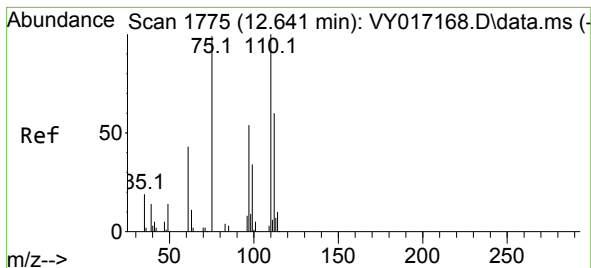
Ion Ratio Lower Upper

152 100

115 56.4 30.0 90.0

150 156.8 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 43.493 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY017222.D

Acq: 05 Feb 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

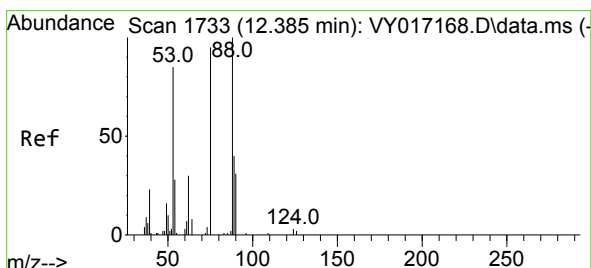
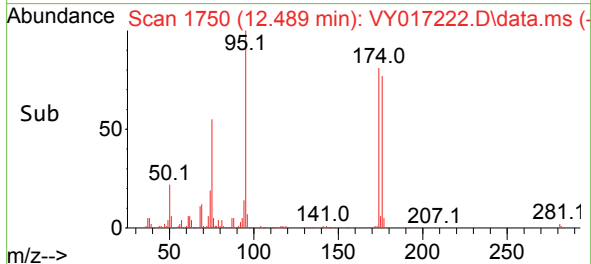
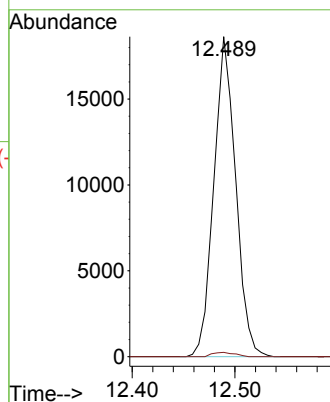
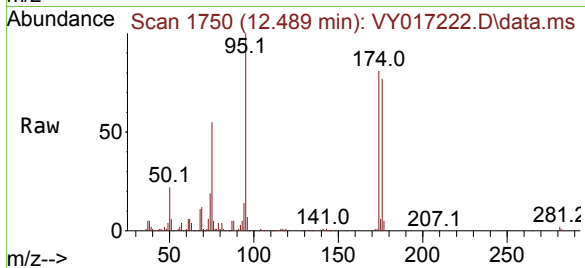
EB-2-6-8

Tgt Ion: 75 Resp: 27436

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 90.373 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017222.D

Acq: 05 Feb 2024 12:33

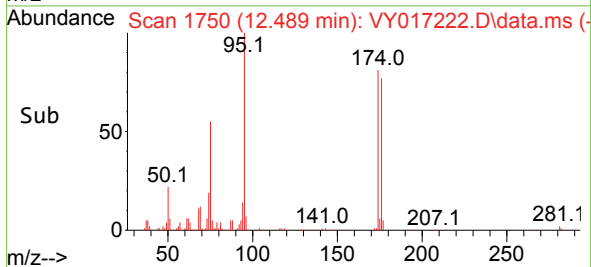
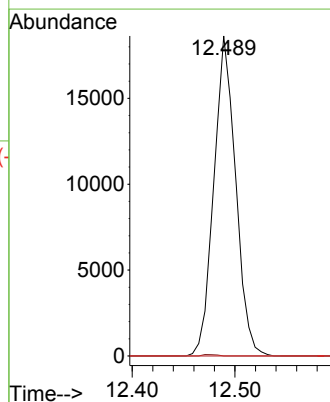
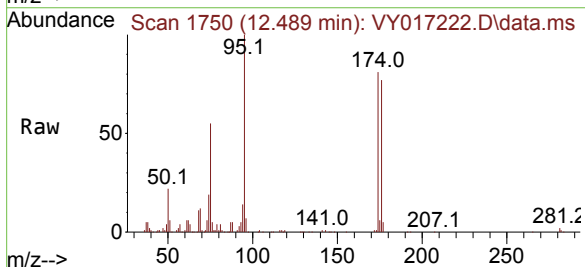
Tgt Ion: 75 Resp: 27436

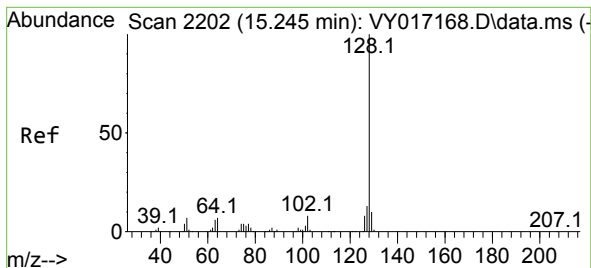
Ion Ratio Lower Upper

75 100

53 0.3 74.0 111.0#

89 0.0 36.5 54.7#





#95

Naphthalene

Concen: 4.090 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017222.D

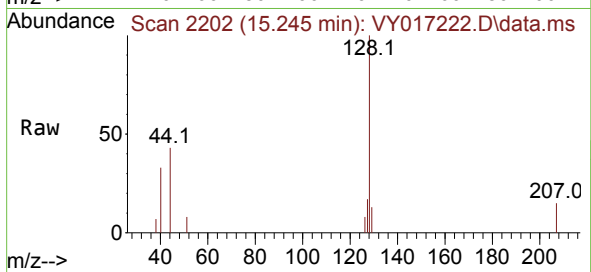
Acq: 05 Feb 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

EB-2-6-8



Tgt Ion:128 Resp: 1291

Ion Ratio Lower Upper

128 100

127 10.9 10.2 15.4

129 6.7 8.6 12.8#

