

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017532.D
 Acq On : 29 Feb 2024 16:53
 Operator : SY/MD
 Sample : P1621-03RE
 Misc : 5.2g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-022824-B

Quant Time: Mar 01 00:32:23 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)

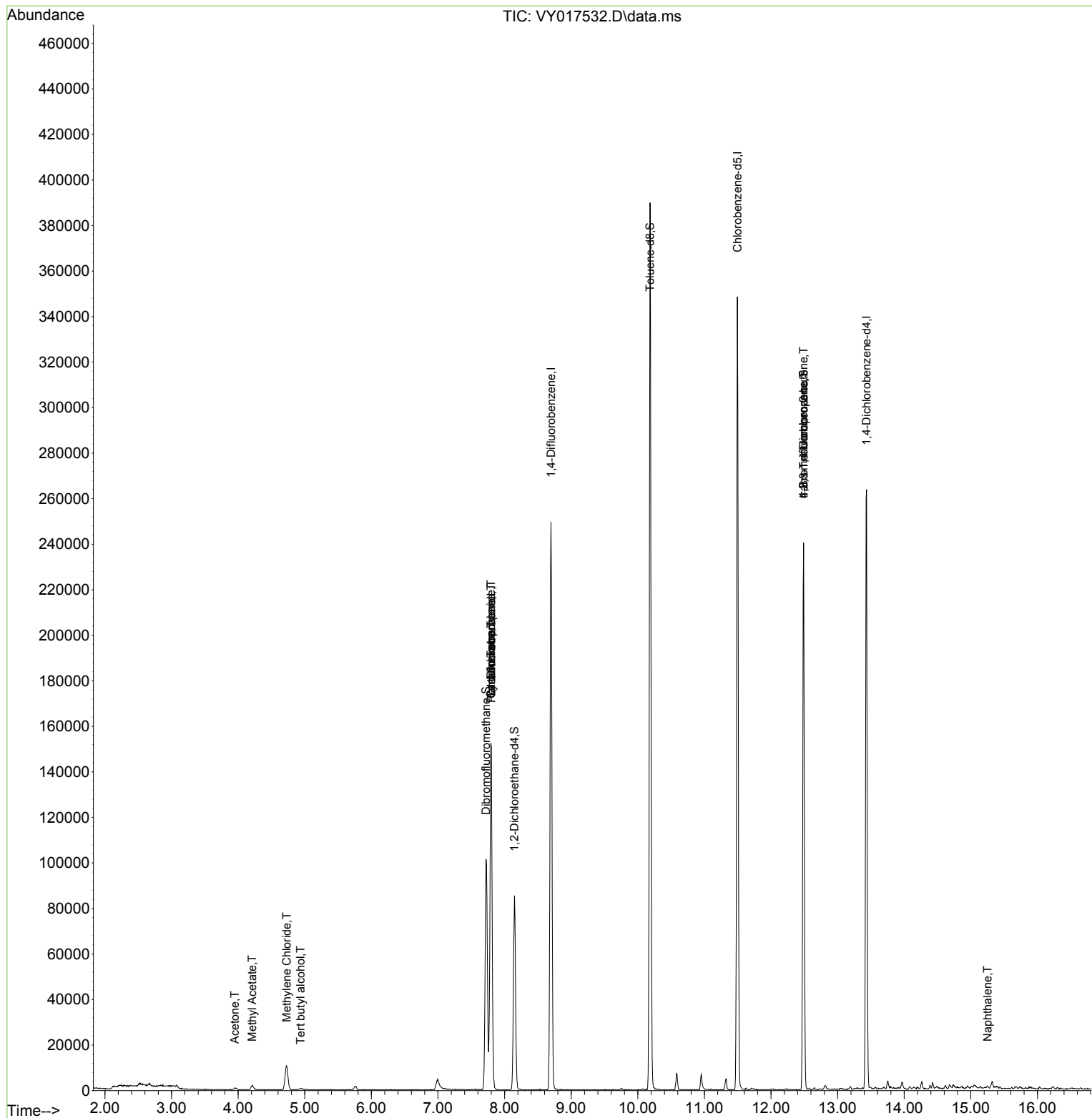
Internal Standards						
1) Pentafluorobenzene	7.801	168	125943	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	226322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	199589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	72907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	62942	52.733	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.460%			
35) Dibromofluoromethane	7.722	113	72927	46.242	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.480%			
50) Toluene-d8	10.185	98	257701	46.735	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 93.480%			
62) 4-Bromofluorobenzene	12.489	95	68532	39.547	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.100%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.935	59	405	3.995	ug/l #	88
16) Acetone	3.948	43	1452	6.272	ug/l #	81
18) Methyl Acetate	4.210	43	649	1.156	ug/l #	46
20) Methylene Chloride	4.728	84	9031	1.305	ug/l	95
31) Cyclohexane	7.795	56	2110	1.086	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	9218	4.332	ug/l #	47
38) Carbon Tetrachloride	7.795	117	11514	5.399	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	34172	49.330	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	34172	113.348	ug/l #	16
95) Naphthalene	15.251	128	460	4.100	ug/l #	69

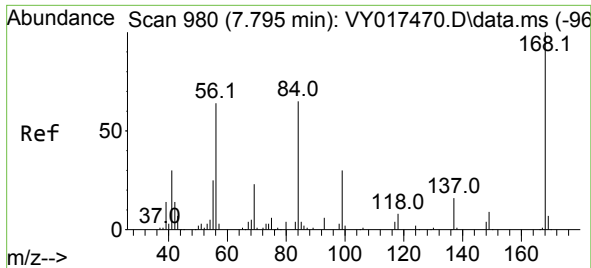
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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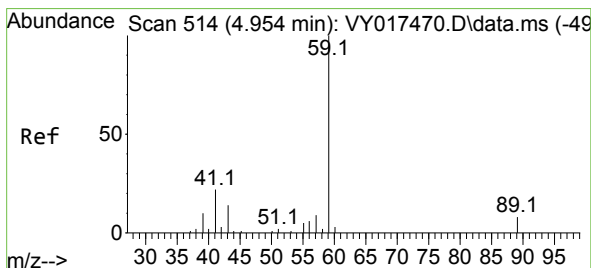
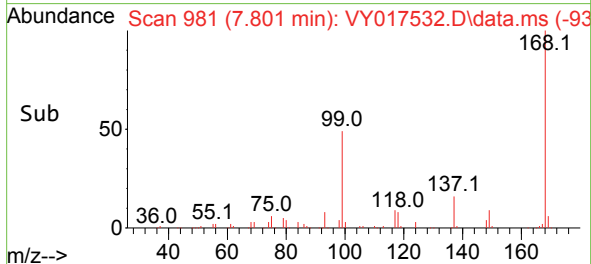
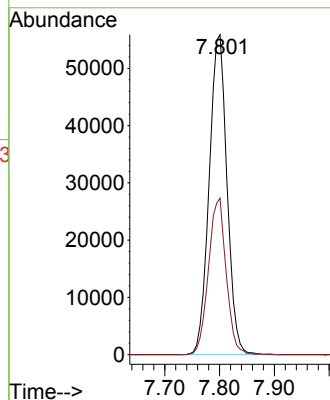
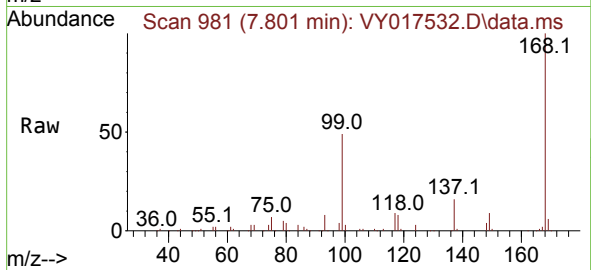




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

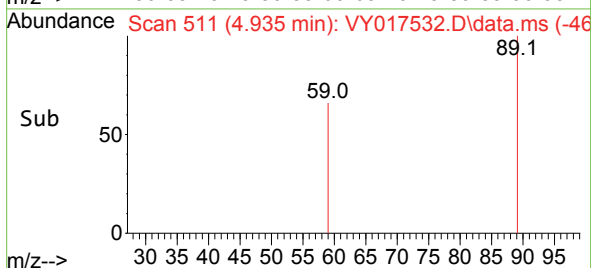
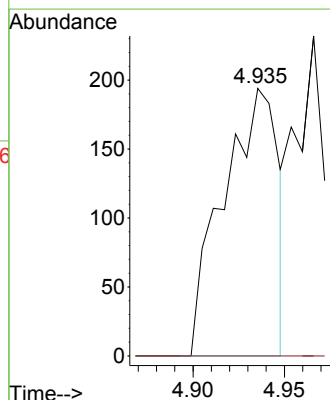
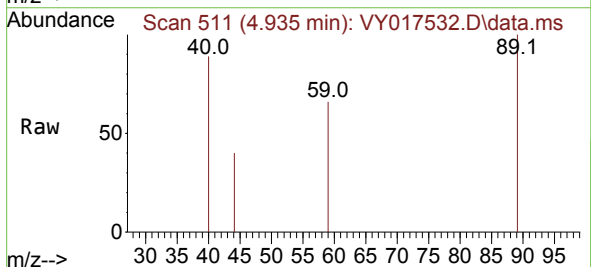
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-B

Tgt Ion:168 Resp: 125943
Ion Ratio Lower Upper
168 100
99 48.9 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.995 ug/l
RT: 4.935 min Scan# 511
Delta R.T. -0.019 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

Tgt Ion: 59 Resp: 405
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

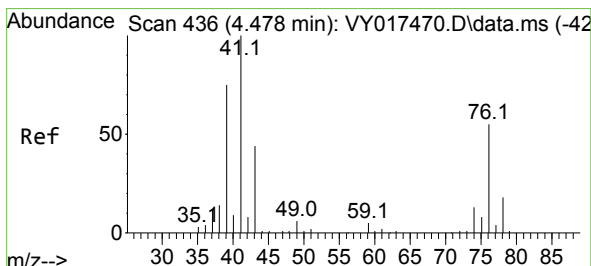
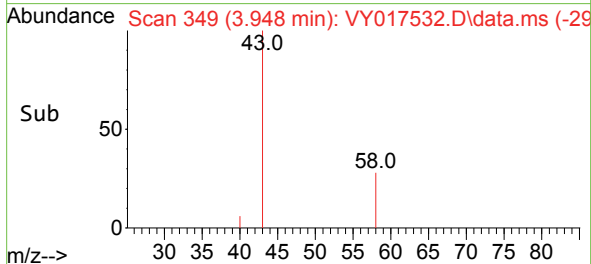
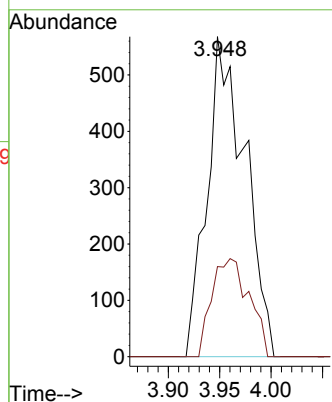
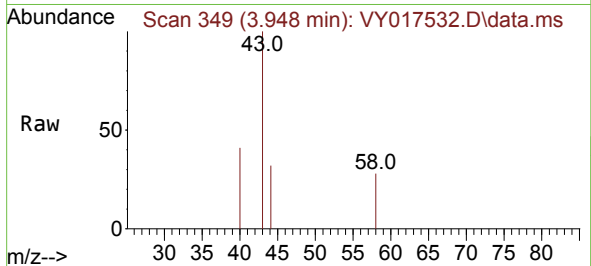




#16
Acetone
Concen: 6.272 ug/l
RT: 3.948 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

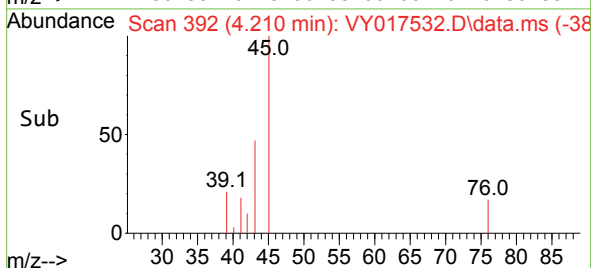
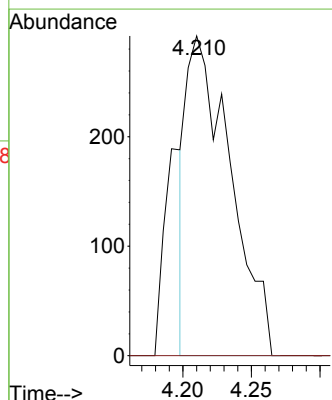
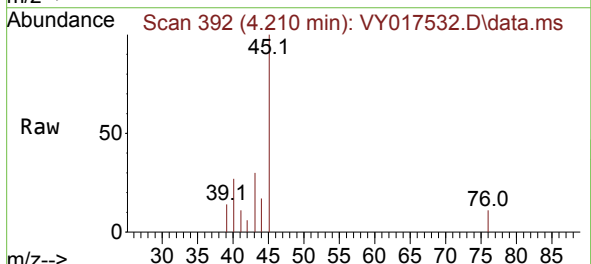
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-B

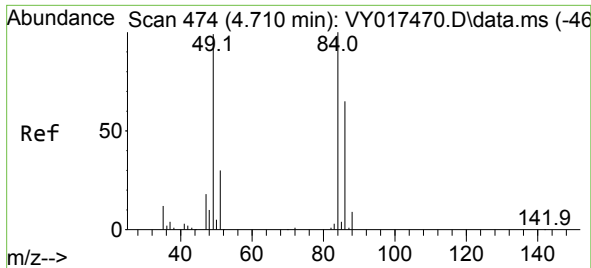
Tgt Ion: 43 Resp: 1452
Ion Ratio Lower Upper
43 100
58 28.2 31.7 47.5#



#18
Methyl Acetate
Concen: 1.156 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.268 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

Tgt Ion: 43 Resp: 649
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#



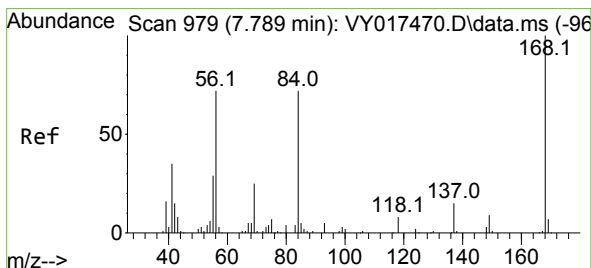
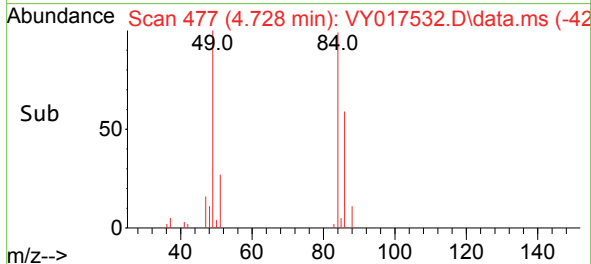
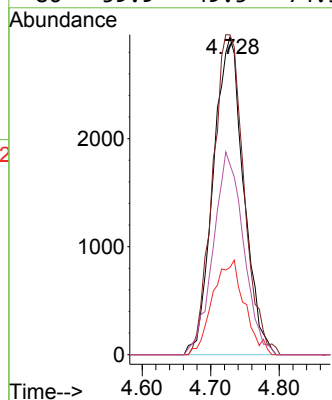
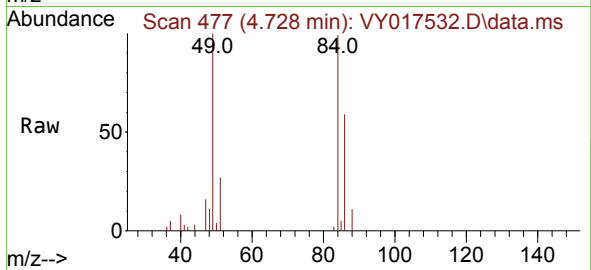


#20
Methylene Chloride
Concen: 1.305 ug/l
RT: 4.728 min Scan# 41
Delta R.T. 0.018 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-B

Tgt Ion: 84 Resp: 9031

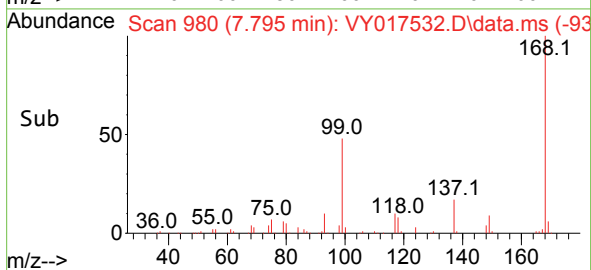
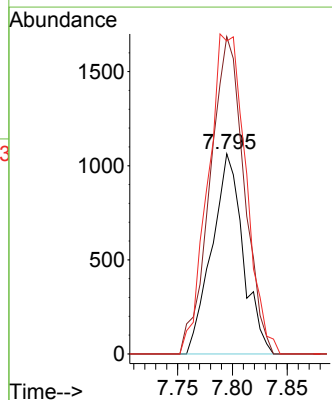
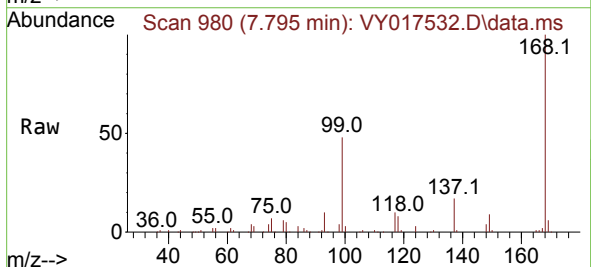
Ion	Ratio	Lower	Upper
84	100		
49	100.8	84.4	126.6
51	27.5	26.0	39.0
86	59.9	49.5	74.3

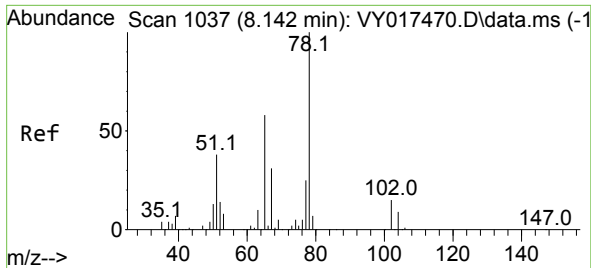


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

Tgt Ion: 56 Resp: 2110

Ion	Ratio	Lower	Upper
56	100		
69	158.6	28.7	43.1#
84	156.4	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 52.733 ug/l

RT: 8.148 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY017532.D

Acq: 29 Feb 2024 16:53

Instrument :

MSVOA_Y

ClientSampleId :

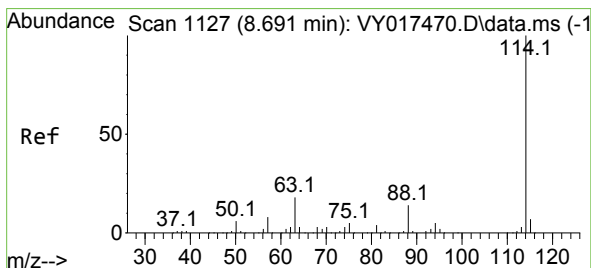
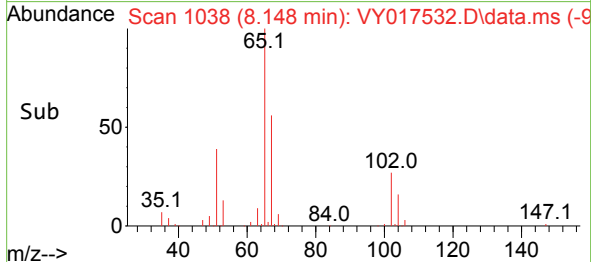
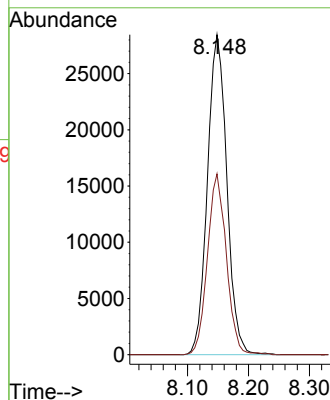
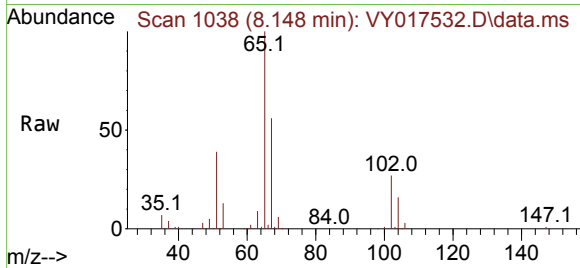
EO-01-022824-B

Tgt Ion: 65 Resp: 62942

Ion Ratio Lower Upper

65 100

67 55.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017532.D

Acq: 29 Feb 2024 16:53

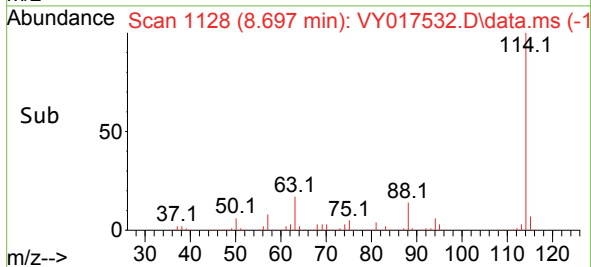
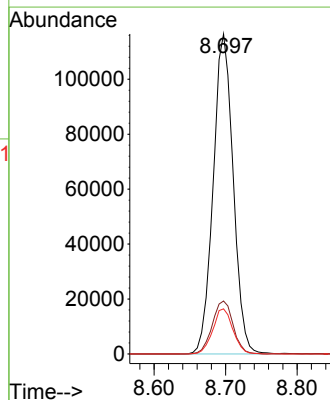
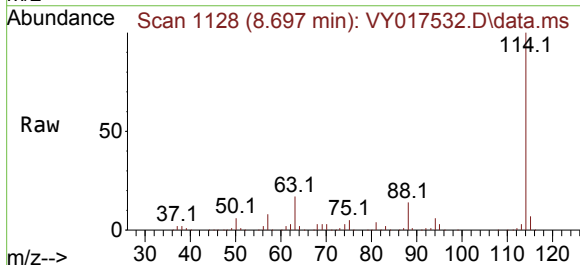
Tgt Ion: 114 Resp: 226322

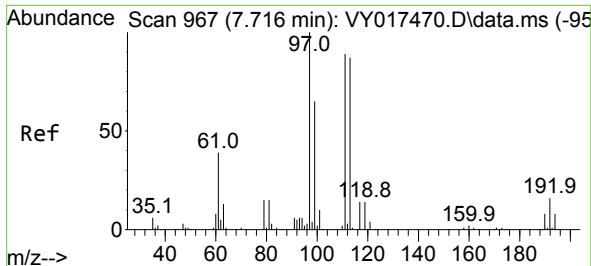
Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

88 14.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 46.242 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY017532.D

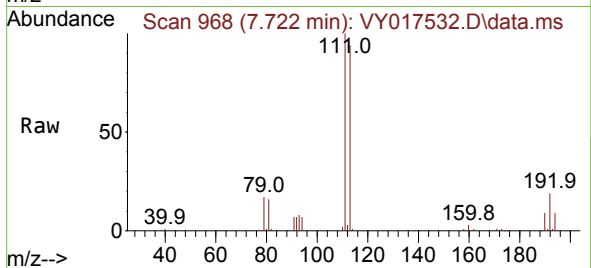
Acq: 29 Feb 2024 16:53

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-022824-B



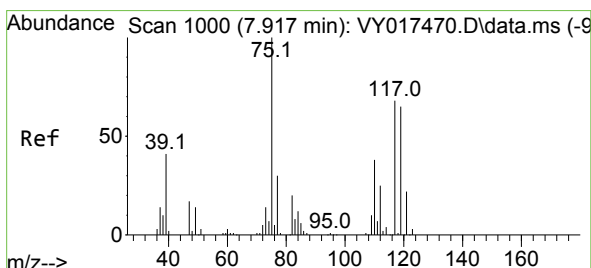
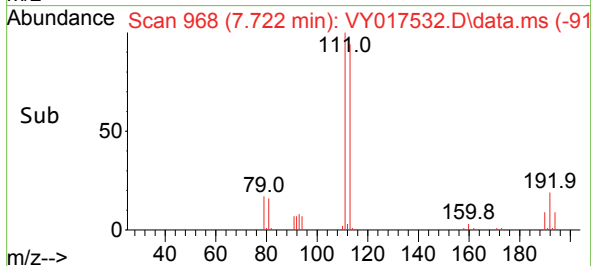
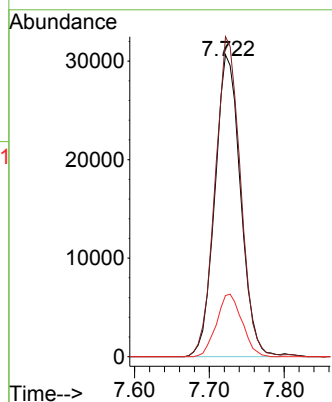
Tgt Ion:113 Resp: 72927

Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.4

192 20.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.332 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.122 min

Lab File: VY017532.D

Acq: 29 Feb 2024 16:53

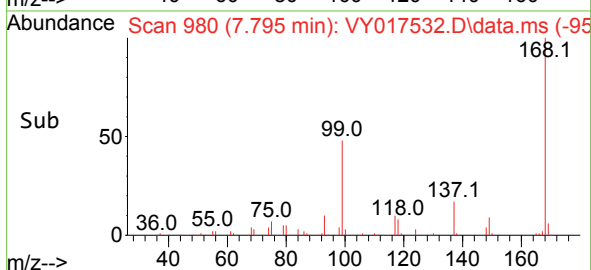
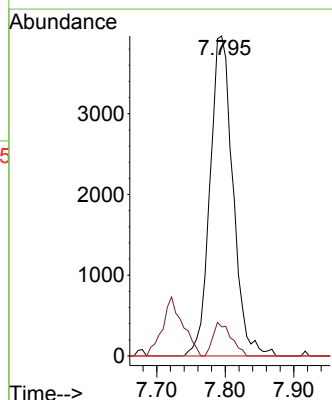
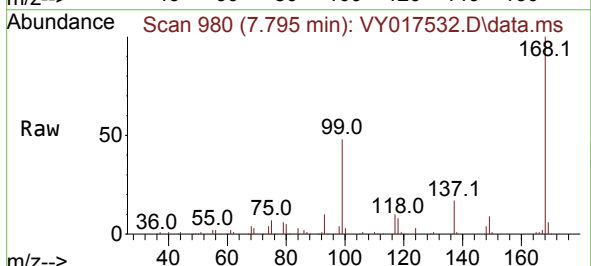
Tgt Ion: 75 Resp: 9218

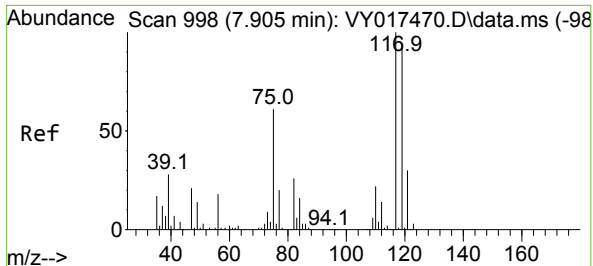
Ion Ratio Lower Upper

75 100

110 8.3 19.0 57.0#

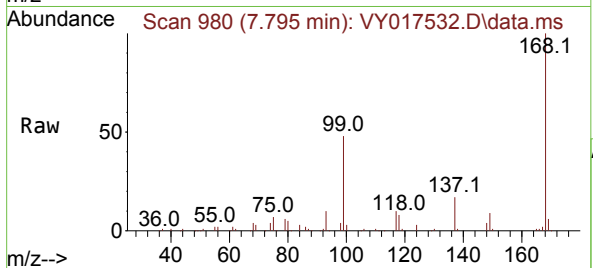
77 0.0 25.3 37.9#



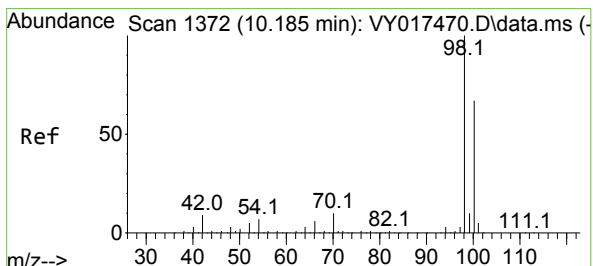
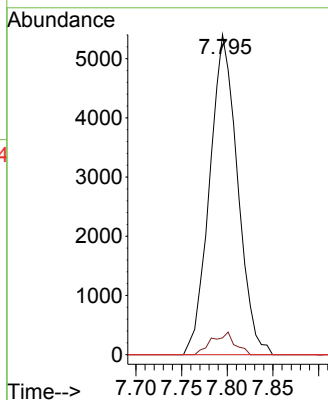
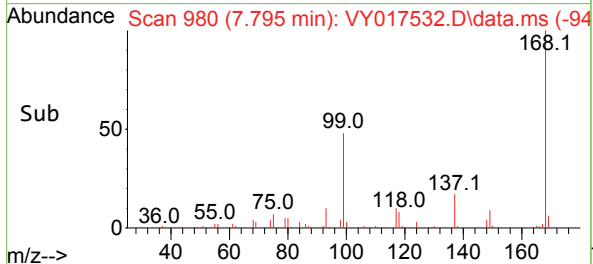


#38
Carbon Tetrachloride
Concen: 5.399 ug/l
RT: 7.795 min Scan# 998
Delta R.T. -0.110 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

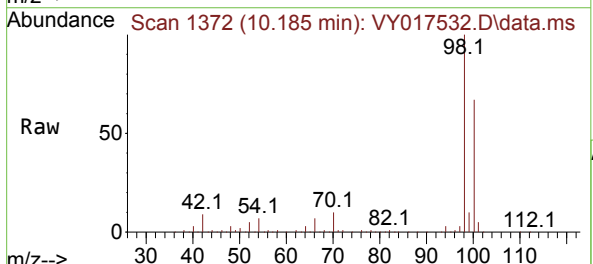
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ClientSampleId :
EO-01-022824-B



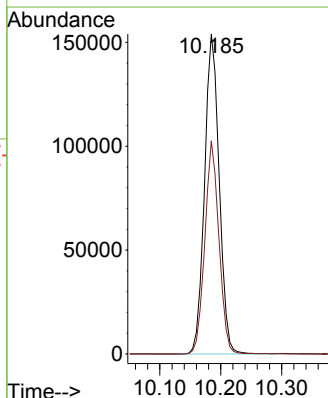
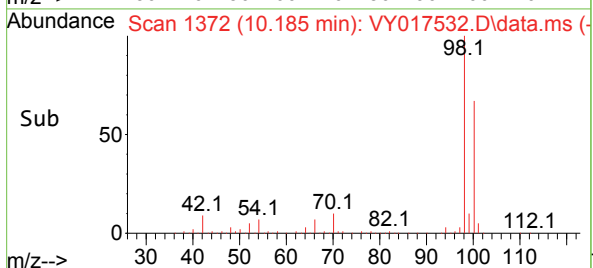
Tgt Ion:117 Resp: 11514
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#

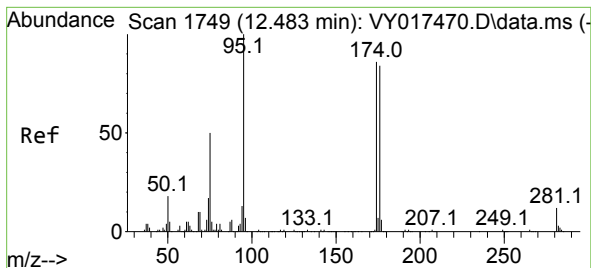


#50
Toluene-d8
Concen: 46.735 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53



Tgt Ion: 98 Resp: 257701
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

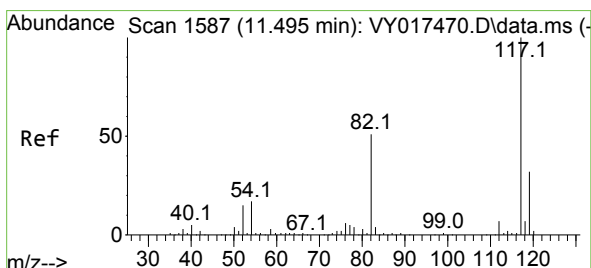
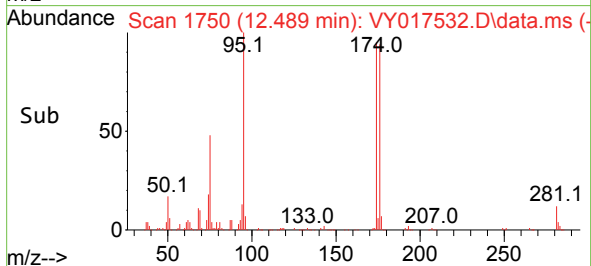
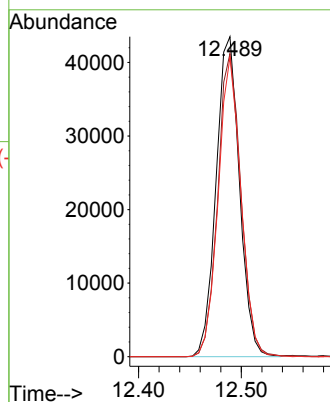
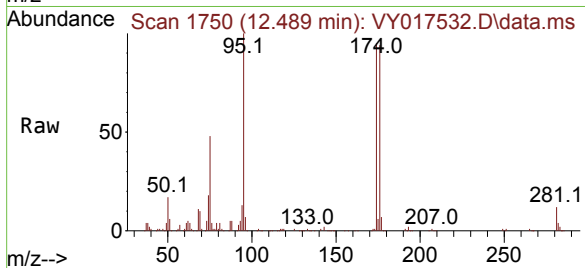




#62
4-Bromofluorobenzene
Concen: 39.547 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

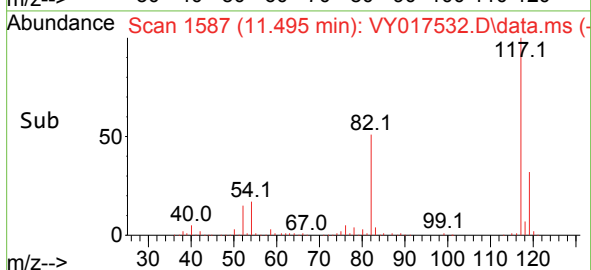
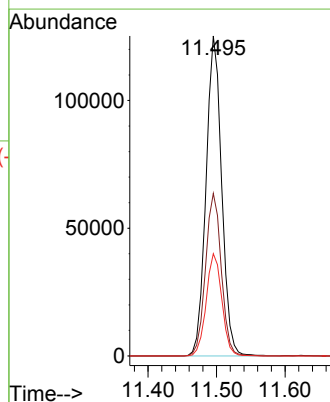
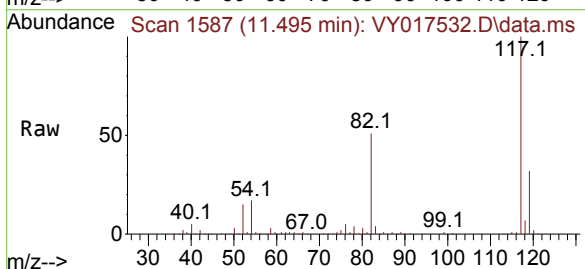
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-B

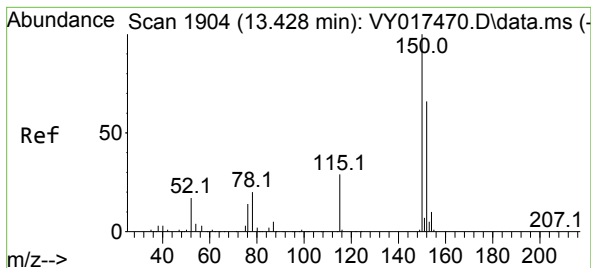
Tgt Ion: 95 Resp: 68532
Ion Ratio Lower Upper
95 100
174 94.1 0.0 175.6
176 91.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

Tgt Ion: 117 Resp: 199589
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.0 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: VY017532.D

Acq: 29 Feb 2024 16:53

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-022824-B

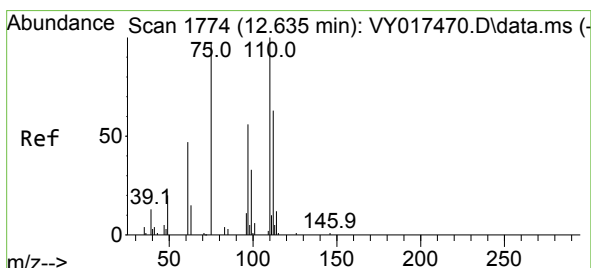
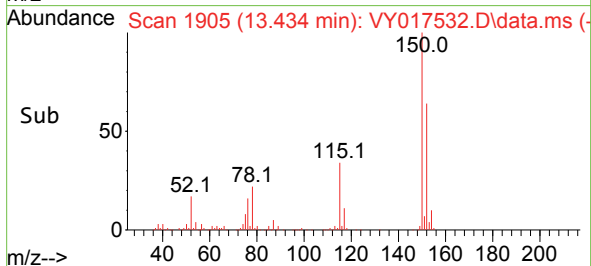
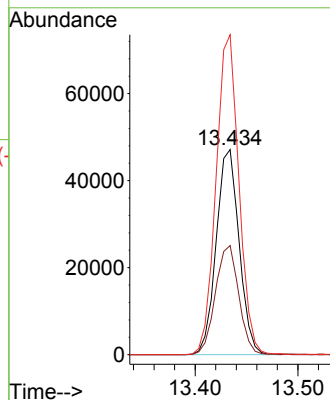
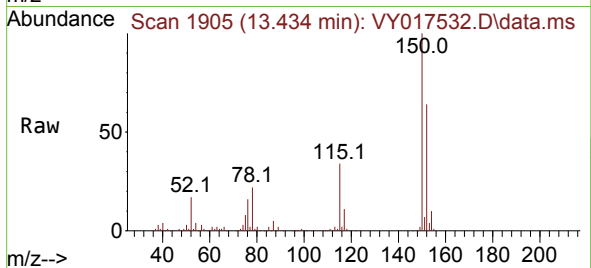
Tgt Ion:152 Resp: 72907

Ion Ratio Lower Upper

152 100

115 54.2 28.2 84.7

150 155.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 49.330 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.147 min

Lab File: VY017532.D

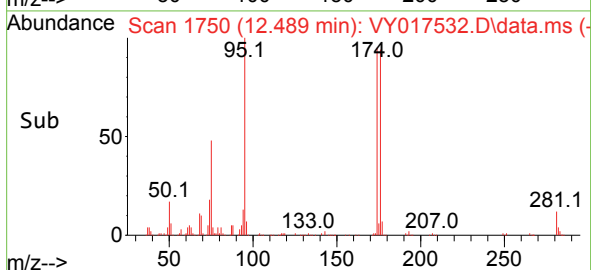
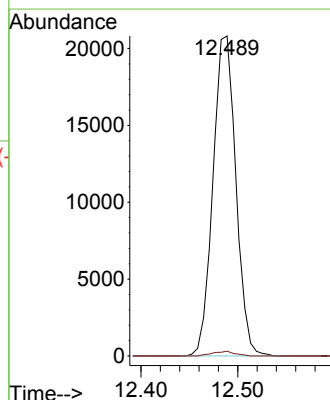
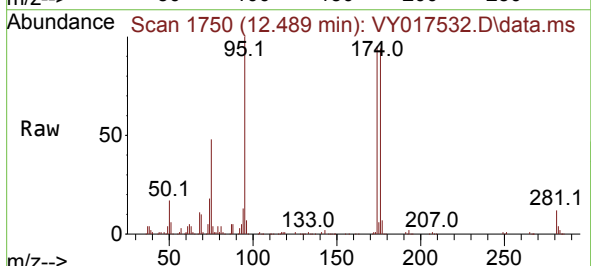
Acq: 29 Feb 2024 16:53

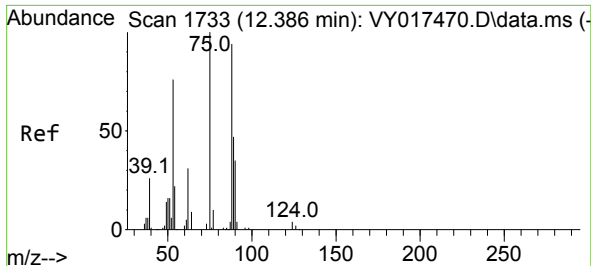
Tgt Ion: 75 Resp: 34172

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

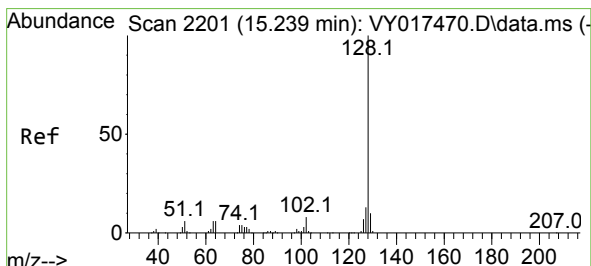
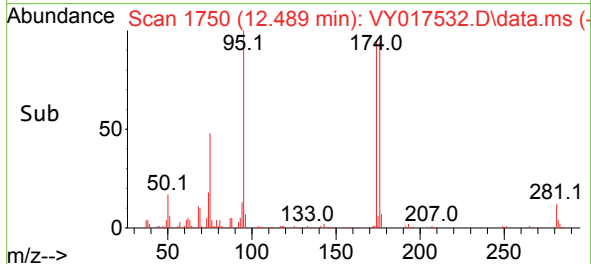
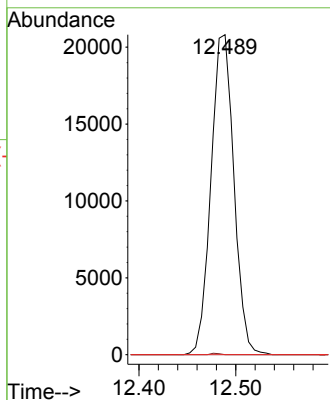
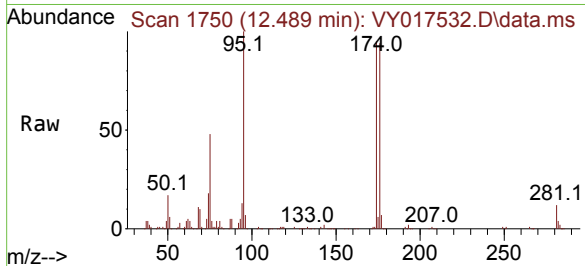




#81
trans-1,4-Dichloro-2-butene
Concen: 113.348 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-022824-B

Tgt Ion: 75 Resp: 34172
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.100 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.012 min
Lab File: VY017532.D
Acq: 29 Feb 2024 16:53

Tgt Ion:128 Resp: 460
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

