

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017576.D
 Acq On : 05 Mar 2024 17:06
 Operator : SY/MD
 Sample : P1685-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12002

Quant Time: Mar 05 22:06:46 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)

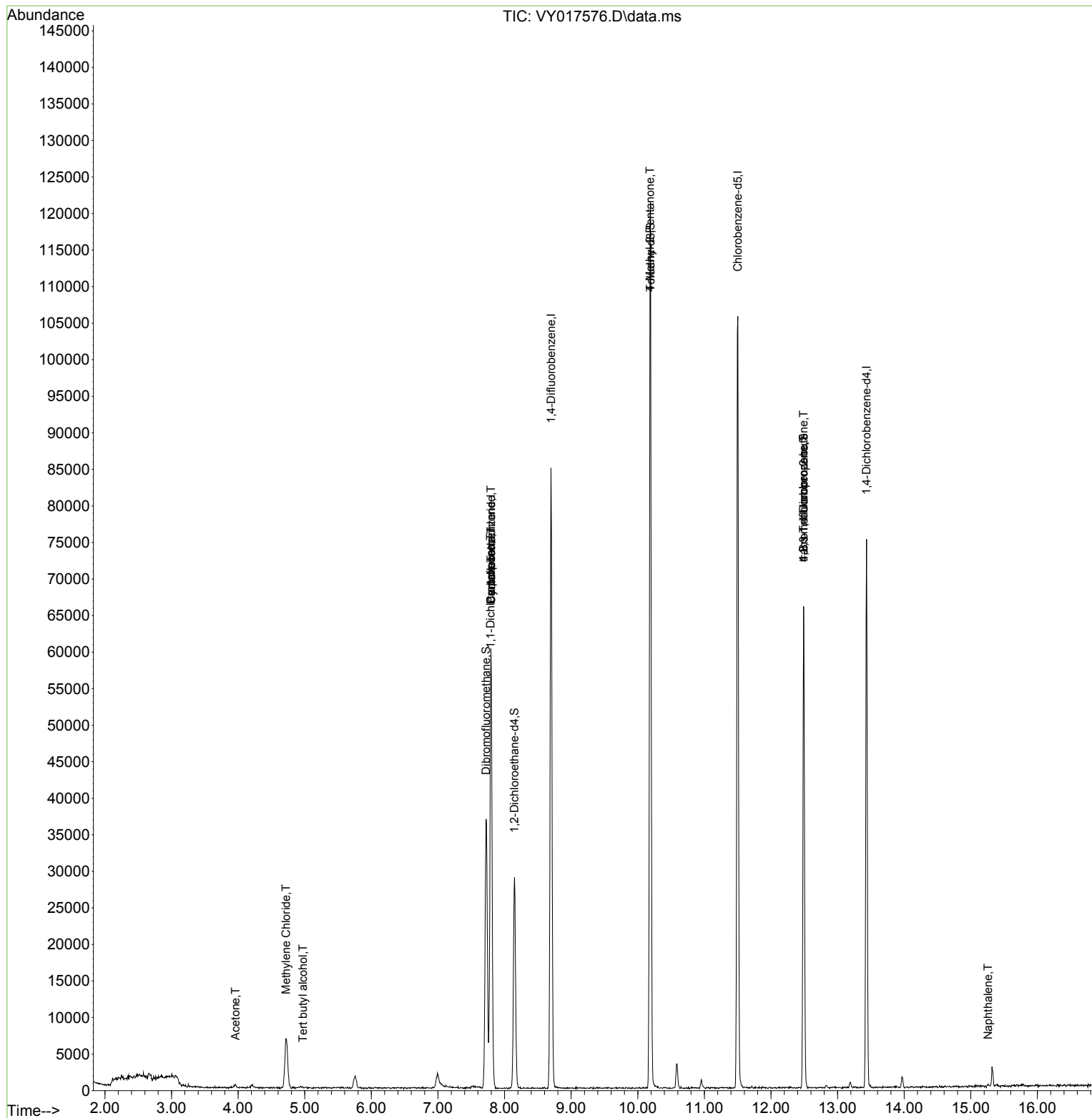
Internal Standards						
1) Pentafluorobenzene	7.795	168	49124	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	75875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	64882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	21337	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	22008	47.272	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.540%		
35) Dibromofluoromethane	7.722	113	27287	51.609	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.220%		
50) Toluene-d8	10.191	98	86011	46.528	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.060%		
62) 4-Bromofluorobenzene	12.489	95	18870	32.480	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	64.960%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.972	59	140	3.540	ug/l #	88
16) Acetone	3.960	43	710	7.863	ug/l	96
20) Methylene Chloride	4.716	84	5729	5.975	ug/l	93
31) Cyclohexane	7.795	56	762	1.006	ug/l #	3
36) 1,1-Dichloropropene	7.789	75	3691	5.174	ug/l #	44
38) Carbon Tetrachloride	7.795	117	4748	6.641	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	276	1.000	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	9380	46.268	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	9380	106.312	ug/l #	16
95) Naphthalene	15.257	128	102	4.055	ug/l #	69

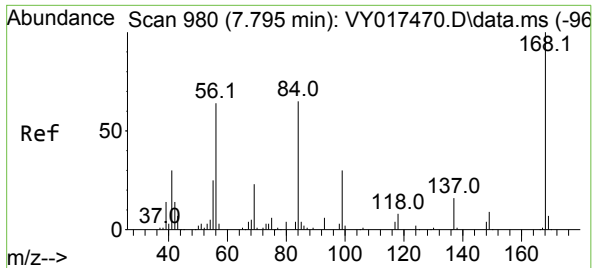
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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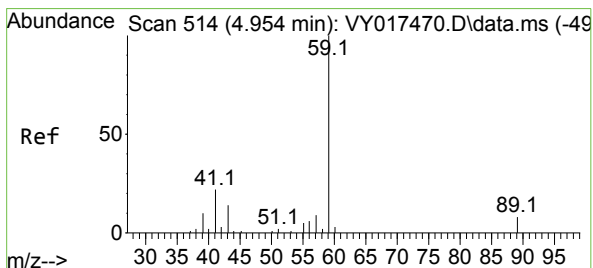
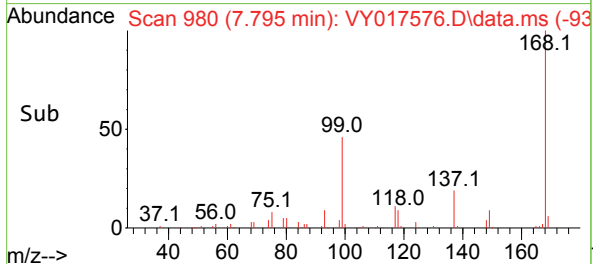
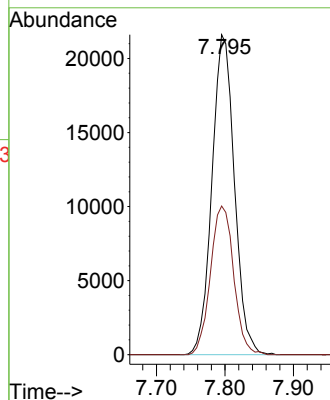
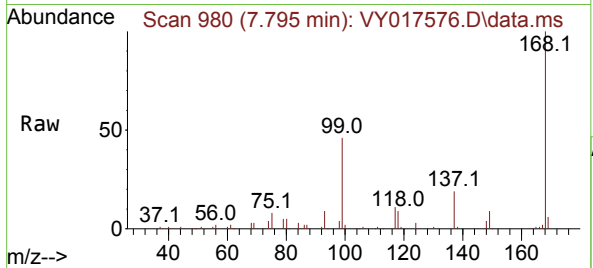




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

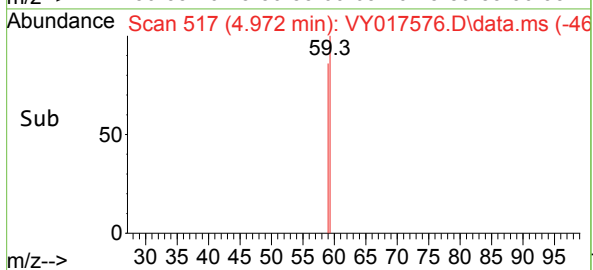
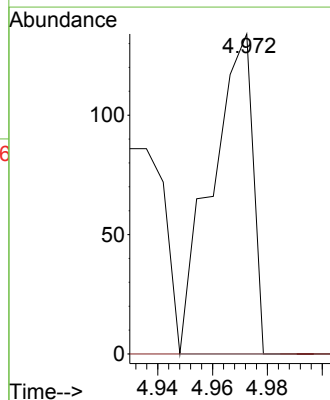
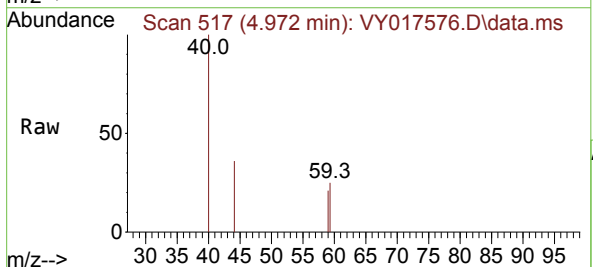
Instrument :
MSVOA_Y
ClientSampleId :
72-12002

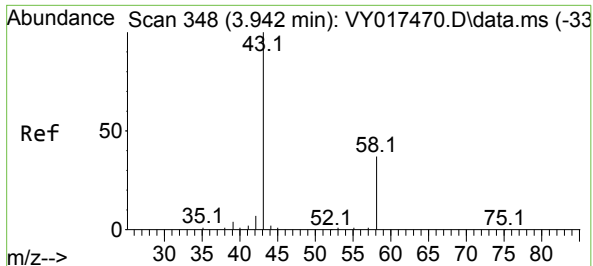
Tgt Ion:168 Resp: 49124
Ion Ratio Lower Upper
168 100
99 46.5 39.1 58.7



#11
Tert butyl alcohol
Concen: 3.540 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

Tgt Ion: 59 Resp: 140
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 7.863 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.019 min

Lab File: VY017576.D

Acq: 05 Mar 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

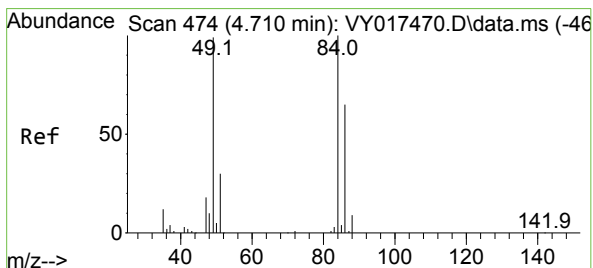
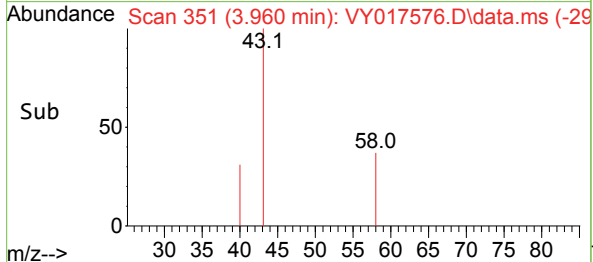
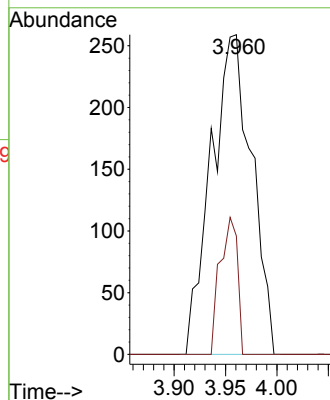
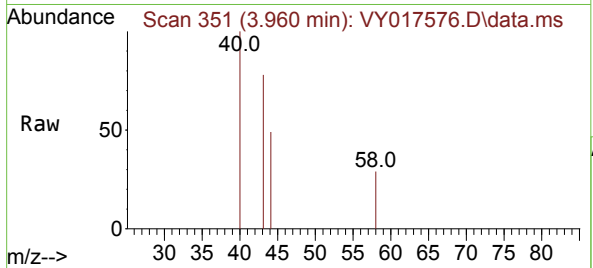
72-12002

Tgt Ion: 43 Resp: 710

Ion Ratio Lower Upper

43 100

58 37.1 31.7 47.5



#20

Methylene Chloride

Concen: 5.975 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.006 min

Lab File: VY017576.D

Acq: 05 Mar 2024 17:06

Tgt Ion: 84 Resp: 5729

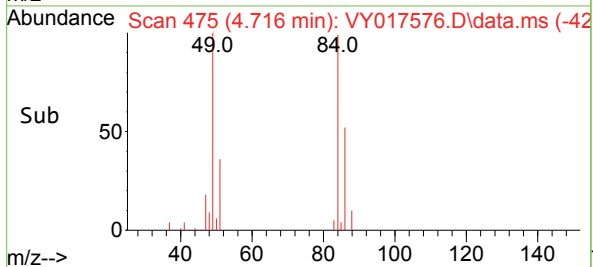
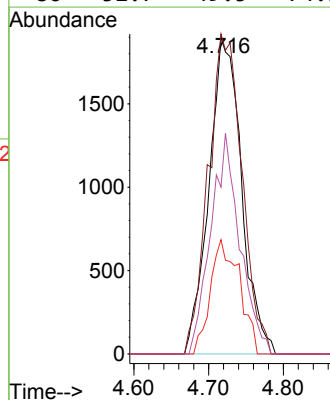
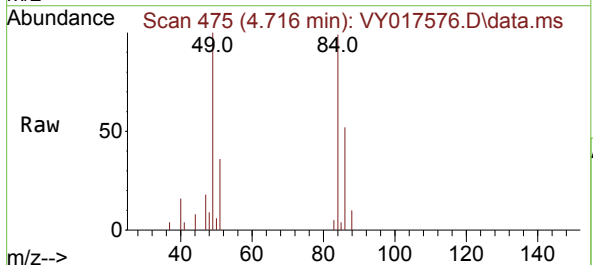
Ion Ratio Lower Upper

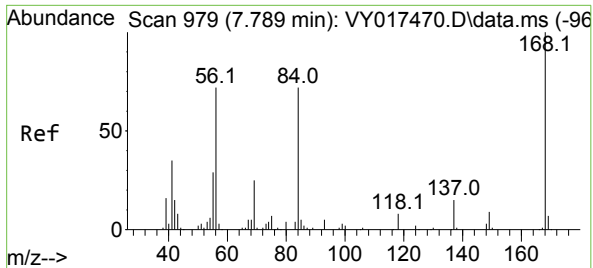
84 100

49 101.0 84.4 126.6

51 36.1 26.0 39.0

86 52.7 49.5 74.3

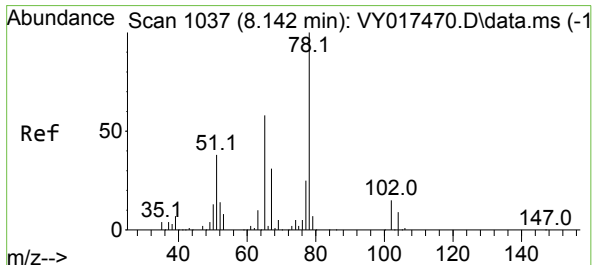
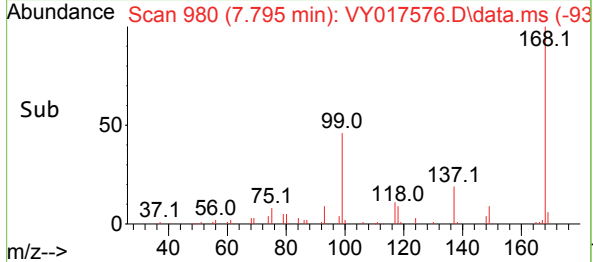
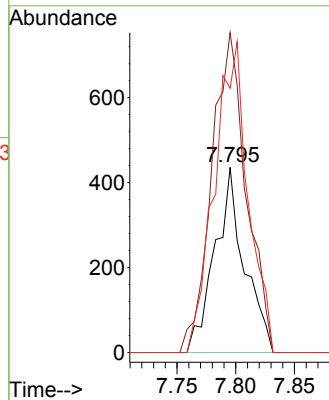
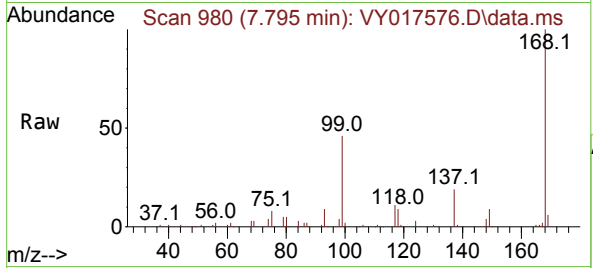




#31
Cyclohexane
Concen: 1.006 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

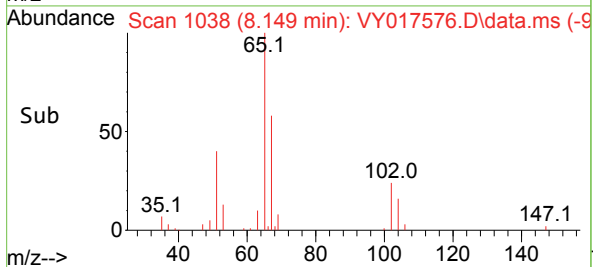
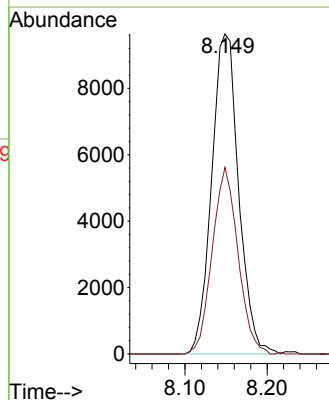
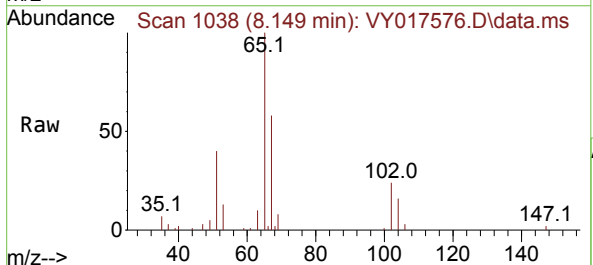
Instrument :
MSVOA_Y
ClientSampleId :
72-12002

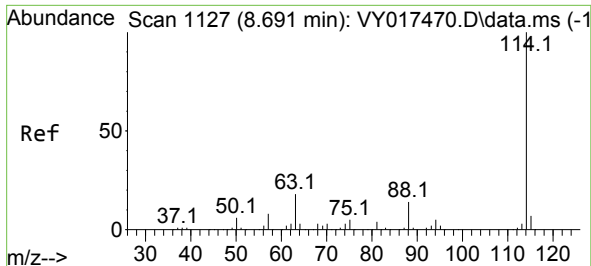
Tgt Ion: 56 Resp: 762
Ion Ratio Lower Upper
56 100
69 172.7 28.7 43.1#
84 142.7 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 47.272 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

Tgt Ion: 65 Resp: 22008
Ion Ratio Lower Upper
65 100
67 55.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017576.D

Acq: 05 Mar 2024 17:06

Instrument :

MSVOA_Y

ClientSampleId :

72-12002

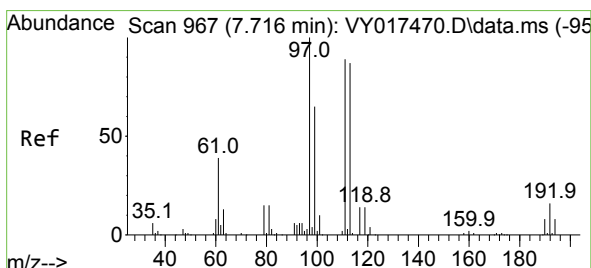
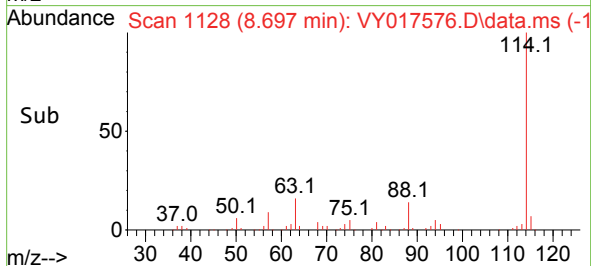
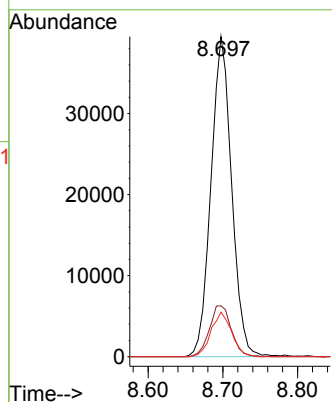
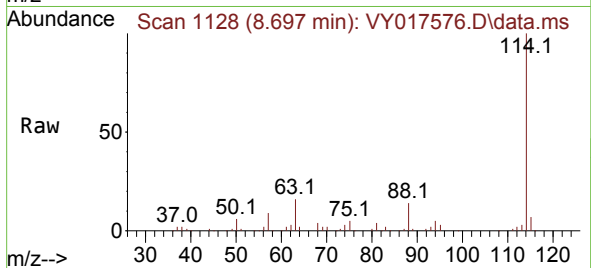
Tgt Ion:114 Resp: 75875

Ion Ratio Lower Upper

114 100

63 15.9 0.0 35.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.609 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017576.D

Acq: 05 Mar 2024 17:06

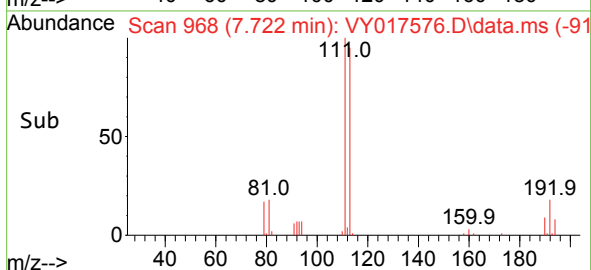
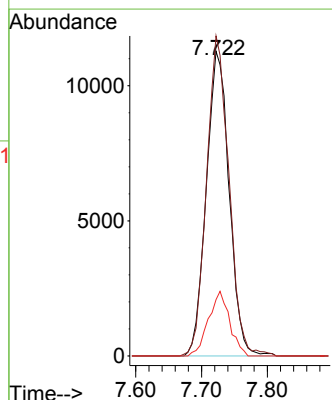
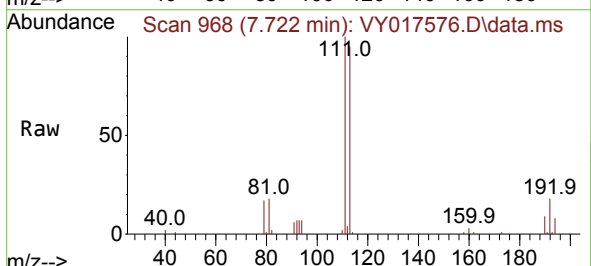
Tgt Ion:113 Resp: 27287

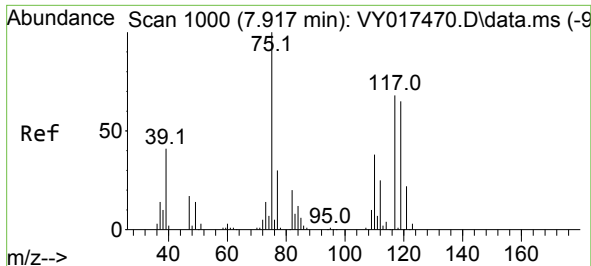
Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

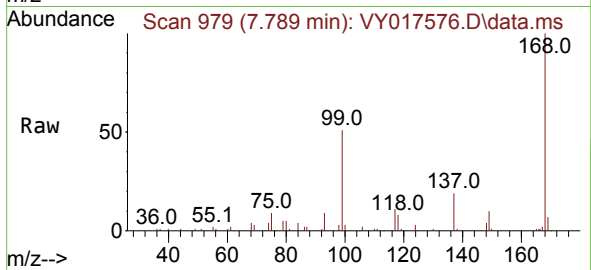
192 19.7 15.9 23.9



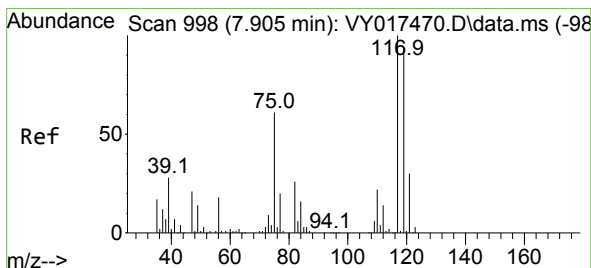
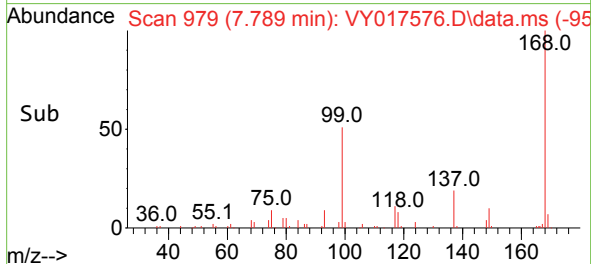
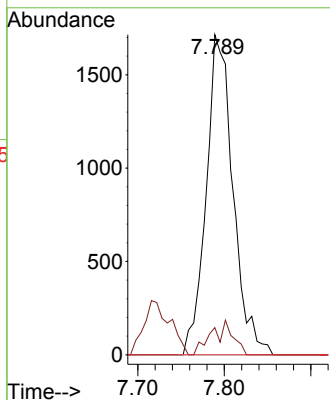


#36
1,1-Dichloropropene
Concen: 5.174 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

Instrument :
MSVOA_Y
ClientSampleId :
72-12002

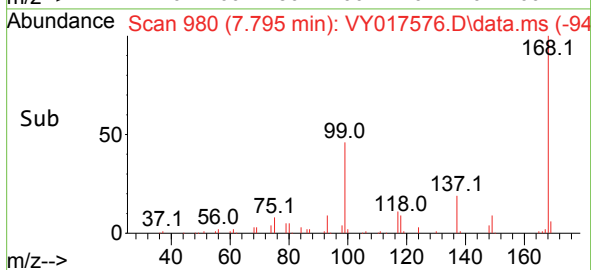
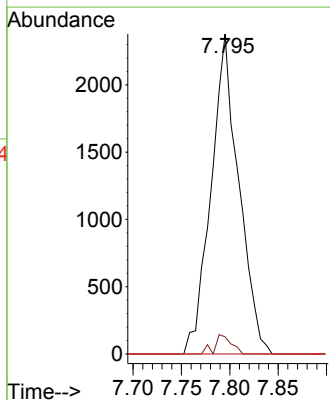
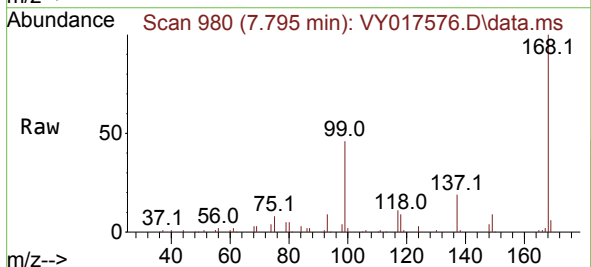


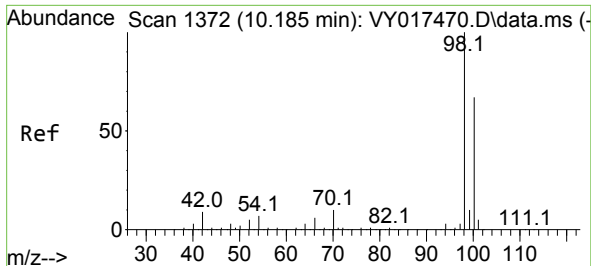
Tgt Ion: 75 Resp: 3691
Ion Ratio Lower Upper
75 100
110 4.4 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.641 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

Tgt Ion: 117 Resp: 4748
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.0 36.0#

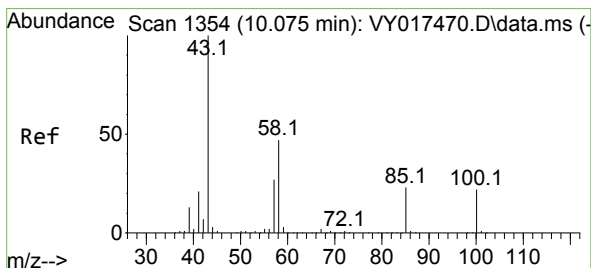
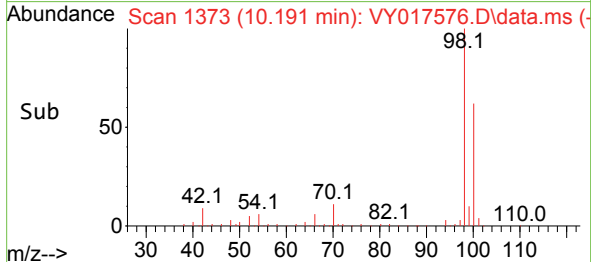
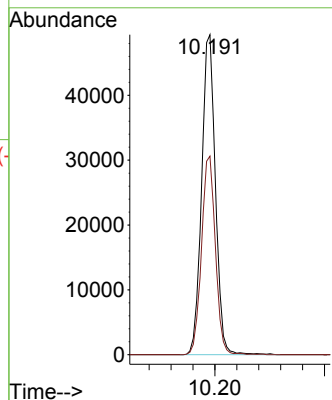
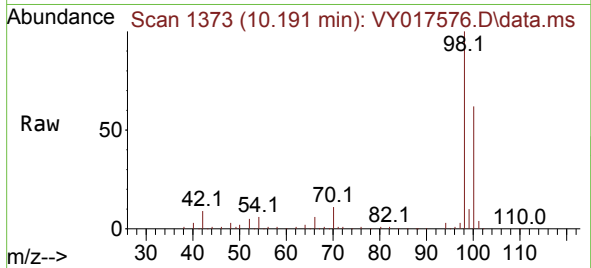




#50
Toluene-d8
Concen: 46.528 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

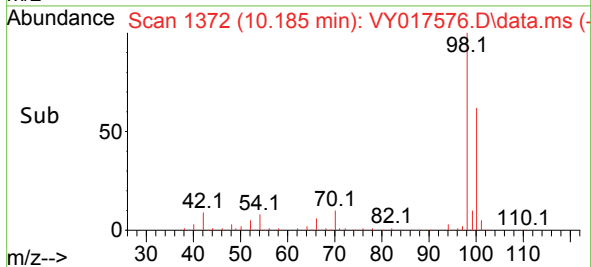
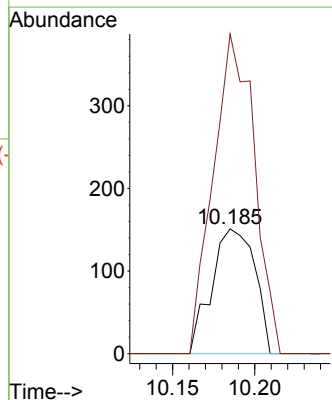
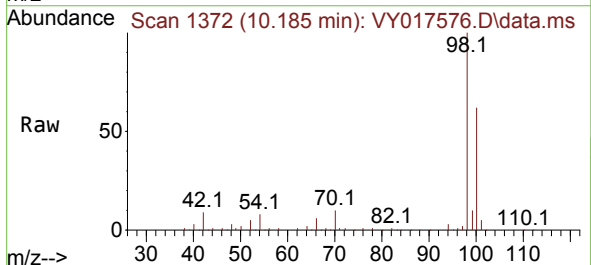
Instrument :
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ClientSampleId :
72-12002

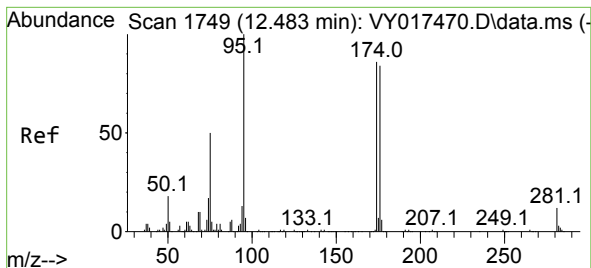
Tgt Ion: 98 Resp: 86011
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.000 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

Tgt Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
58 243.5 35.7 53.5#

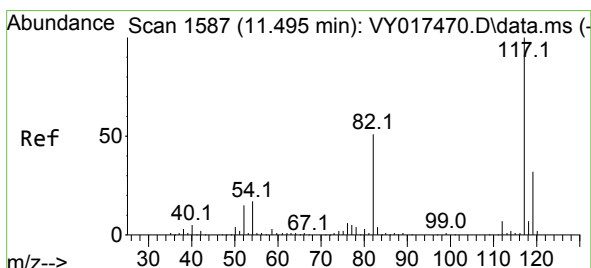
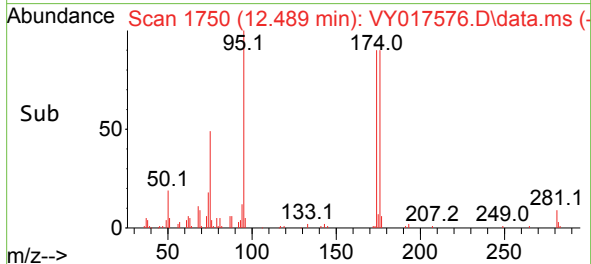
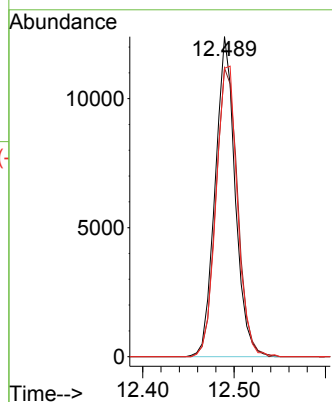
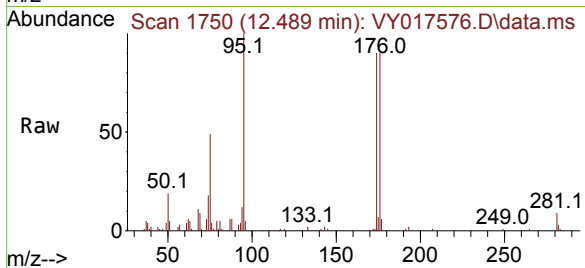




#62
4-Bromofluorobenzene
Concen: 32.480 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

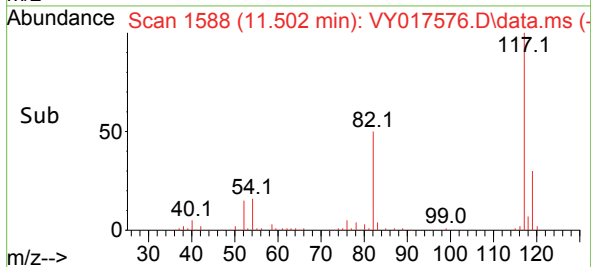
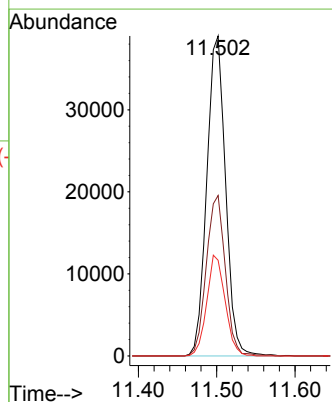
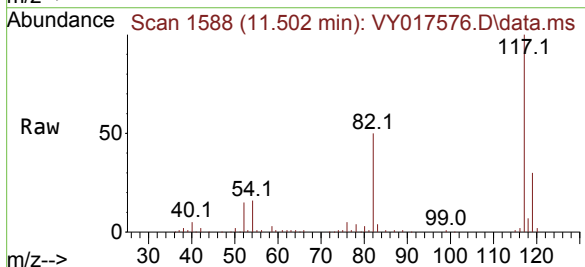
Instrument :
MSVOA_Y
ClientSampleId :
72-12002

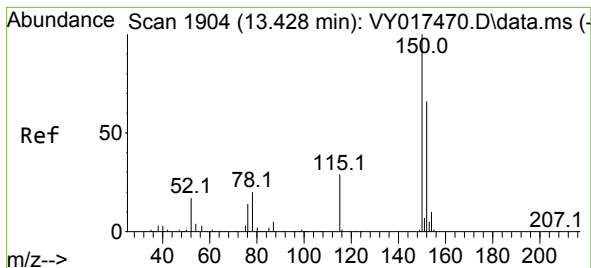
Tgt Ion: 95 Resp: 18870
Ion Ratio Lower Upper
95 100
174 98.1 0.0 175.6
176 97.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

Tgt Ion: 117 Resp: 64882
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 29.9 25.9 38.9

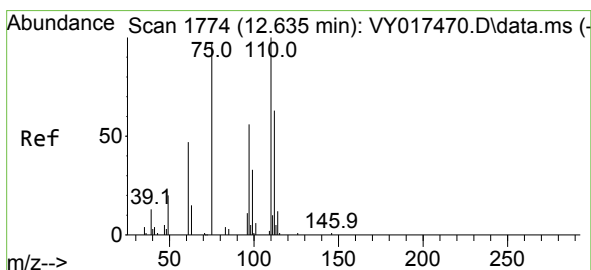
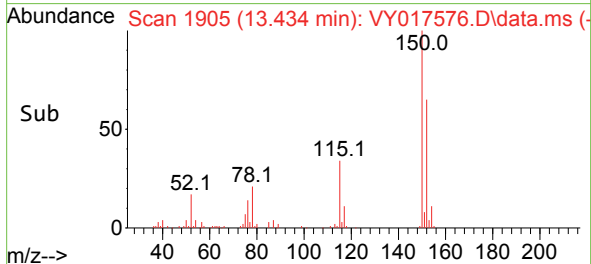
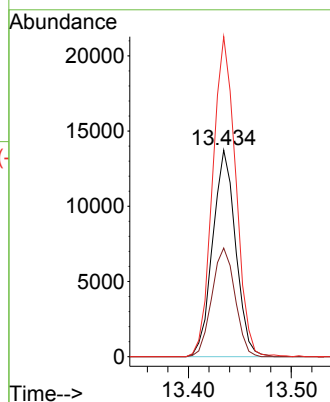
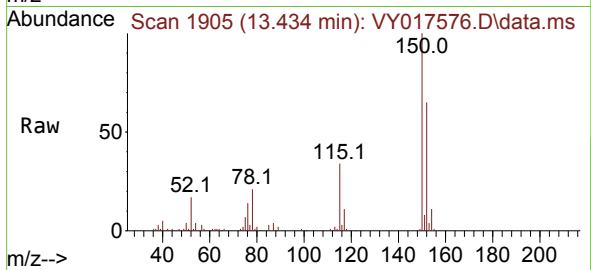




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

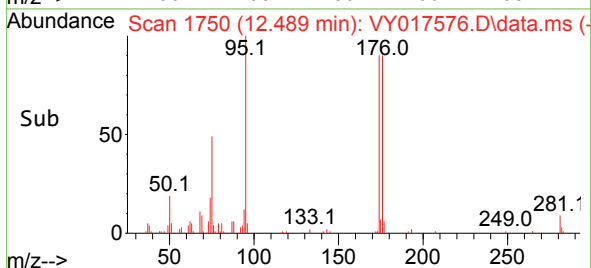
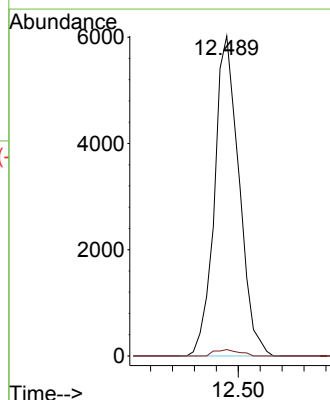
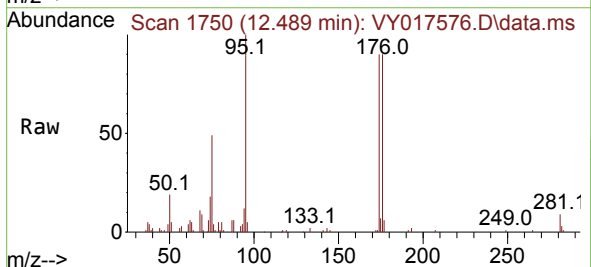
Instrument :
MSVOA_Y
ClientSampleId :
72-12002

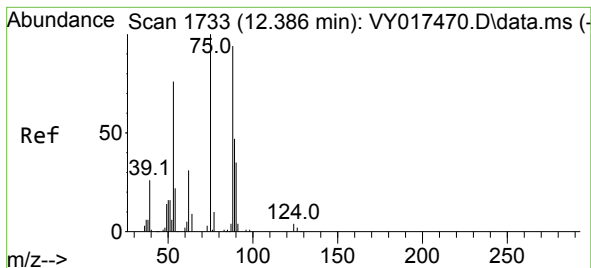
Tgt Ion:152 Resp: 21337
Ion Ratio Lower Upper
152 100
115 53.0 28.2 84.7
150 155.5 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 46.268 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.146 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

Tgt Ion: 75 Resp: 9380
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#

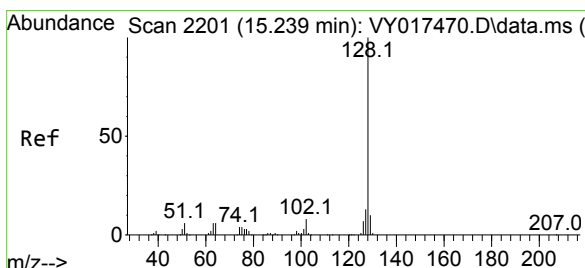
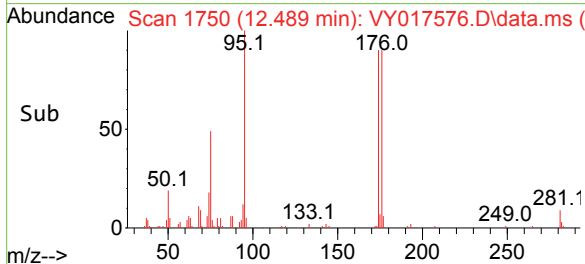
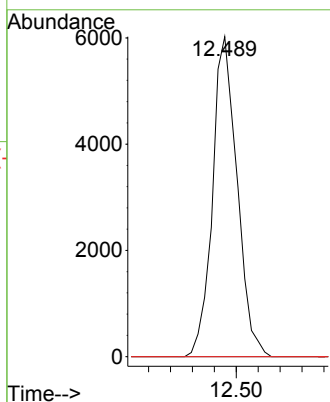
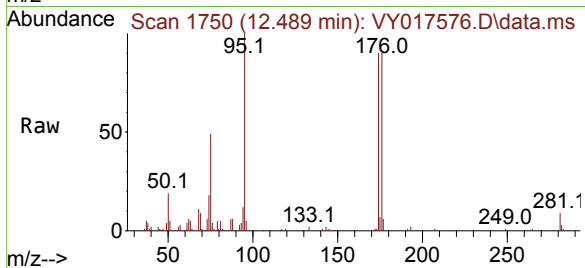




#81
trans-1,4-Dichloro-2-butene
Concen: 106.312 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

Instrument :
MSVOA_Y
ClientSampleId :
72-12002

Tgt Ion: 75 Resp: 9380
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 4.055 ug/l
RT: 15.257 min Scan# 2204
Delta R.T. 0.018 min
Lab File: VY017576.D
Acq: 05 Mar 2024 17:06

Tgt Ion:128 Resp: 102
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

