

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016212.D
 Acq On : 03 Nov 2023 14:00
 Operator : SY/MD
 Sample : 05229-01
 Misc : 3.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 23:02:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	113060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	190751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90237	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	65907	62.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.600%	
35) Dibromofluoromethane	7.728	113	56632	47.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.700%	
50) Toluene-d8	10.191	98	233414	49.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.489	95	83897	52.290	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.580%	

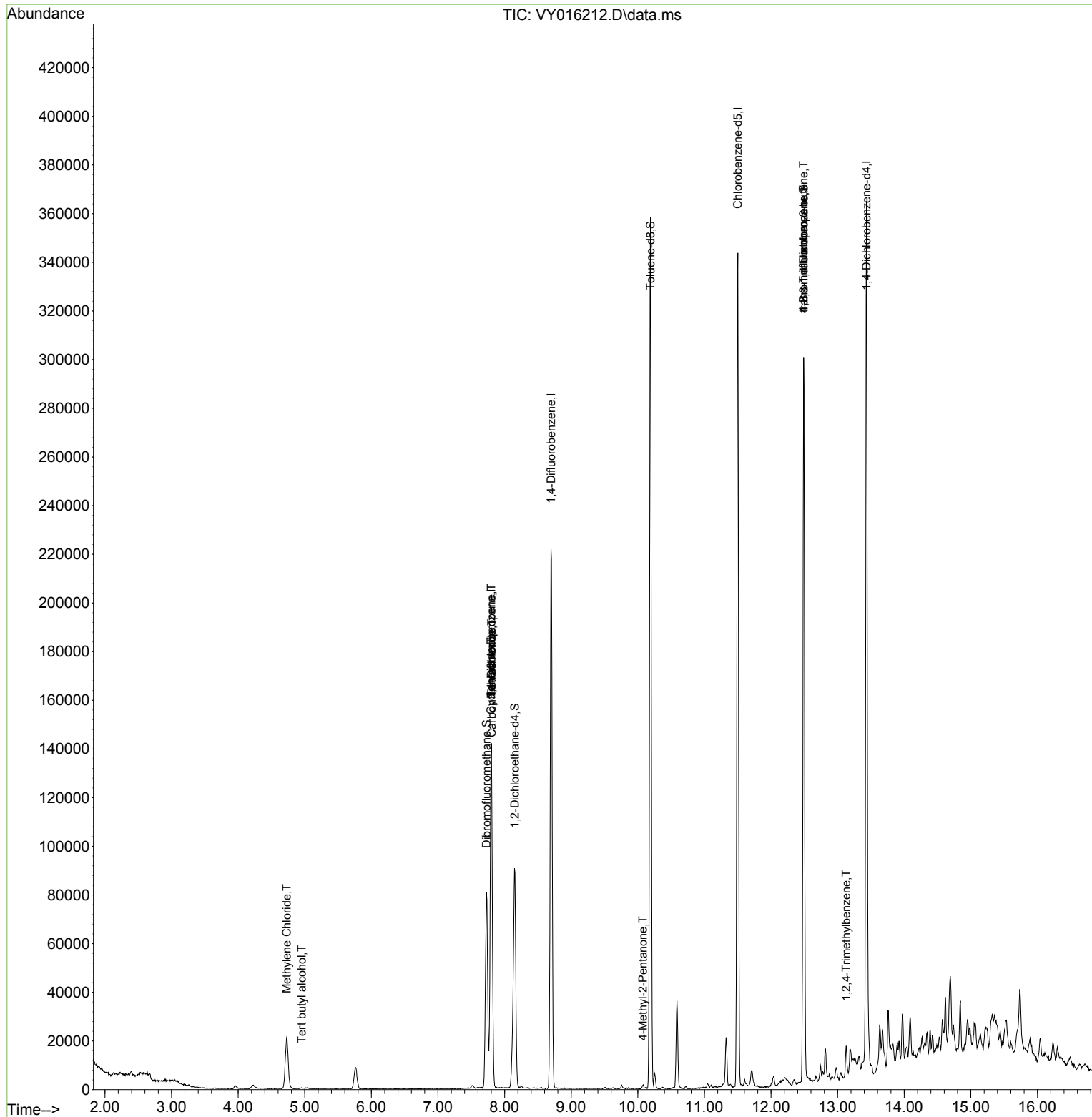
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.954	59	551	6.971	ug/l #	89
16) Acetone	3.954	43	2067	Below Cal		98
20) Methylene Chloride	4.728	84	16175	12.764	ug/l	92
31) Cyclohexane	7.795	56	2070	1.273	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	8310	4.863	ug/l #	50
38) Carbon Tetrachloride	7.807	117	10721	6.332	ug/l #	15
51) 4-Methyl-2-Pentanone	10.075	43	1064	1.416	ug/l	98
76) 1,2,3-Trichloropropane	12.489	75	44049	51.836	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	44049	112.393	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.129	105	7202	1.327	ug/l	100

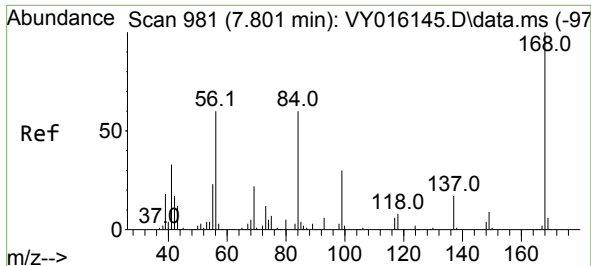
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
Data File : VY016212.D
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Misc : 3.21g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

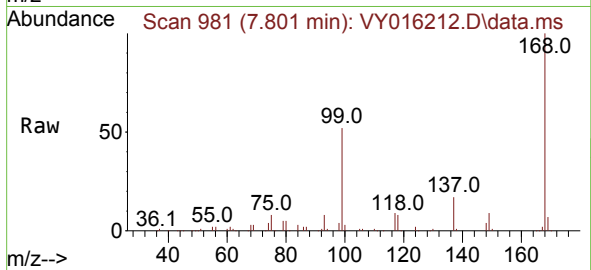
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration



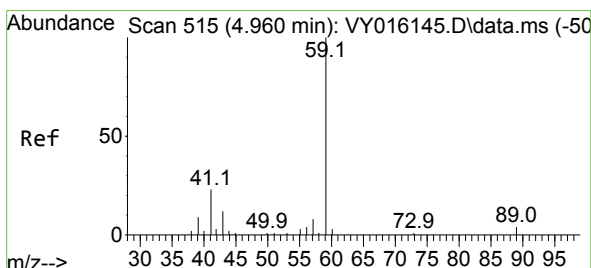
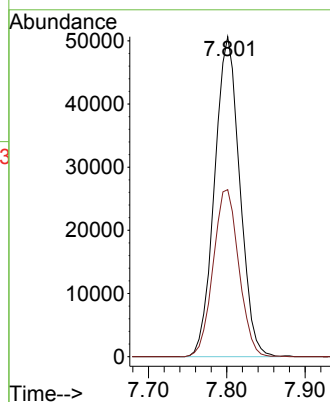
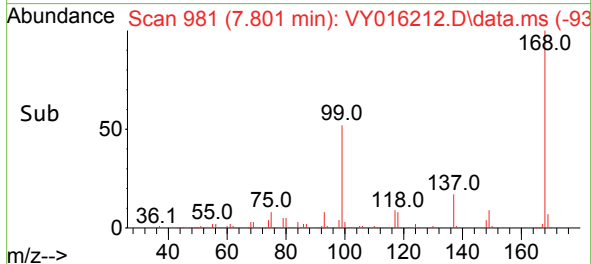


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :

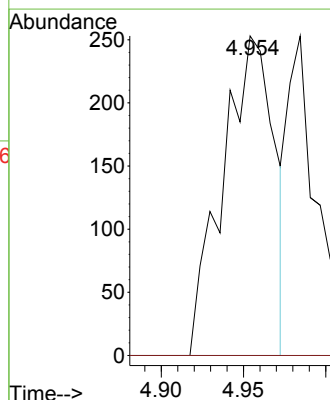
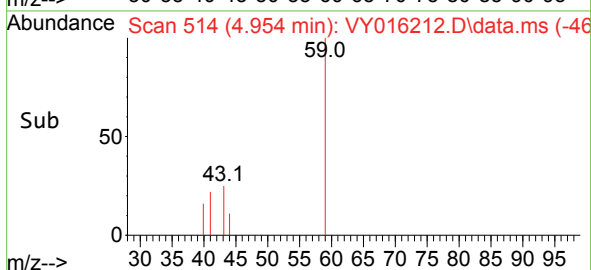
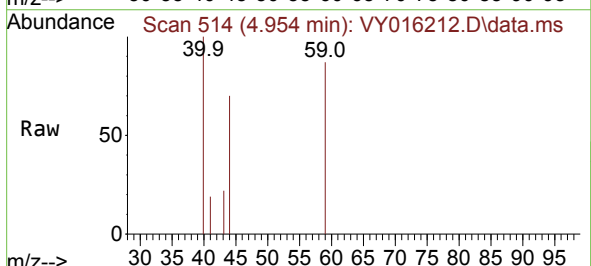


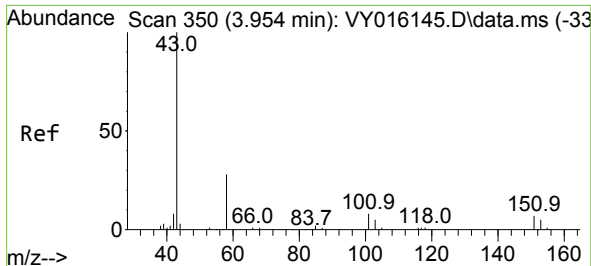
Tgt Ion:168 Resp: 113060
Ion Ratio Lower Upper
168 100
99 52.2 43.4 65.0



#11
Tert butyl alcohol
Concen: 6.971 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

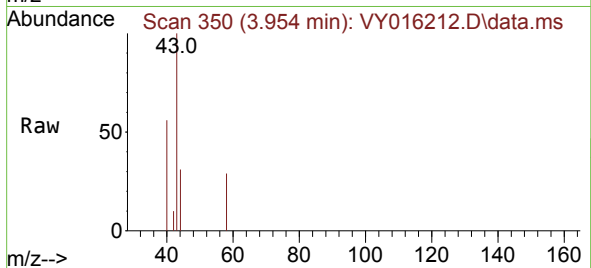
Tgt Ion: 59 Resp: 551
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



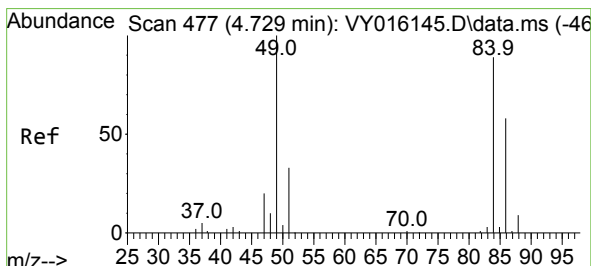
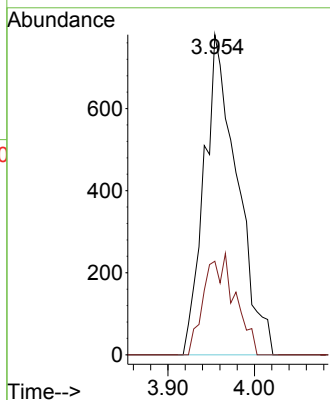
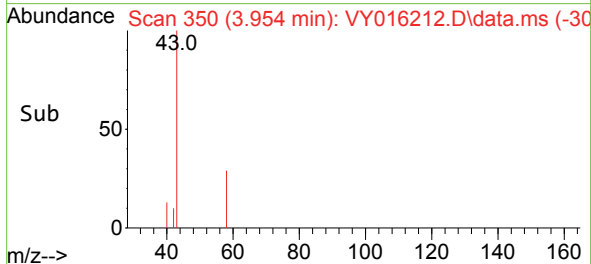


#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 316
Delta R.T. 0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

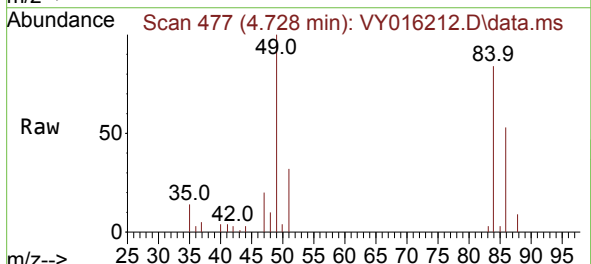
Instrument :
MSVOA_Y
ClientSampleId :



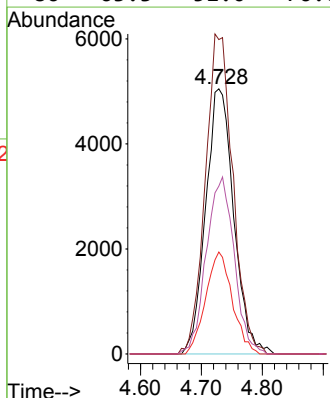
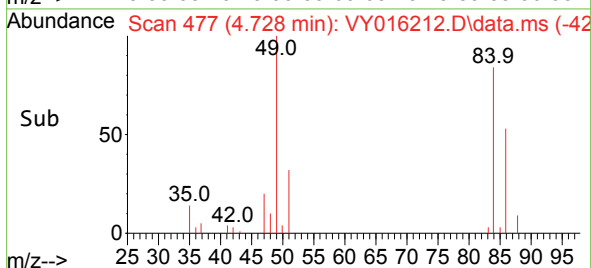
Tgt Ion: 43 Resp: 2067
Ion Ratio Lower Upper
43 100
58 29.2 22.7 34.1

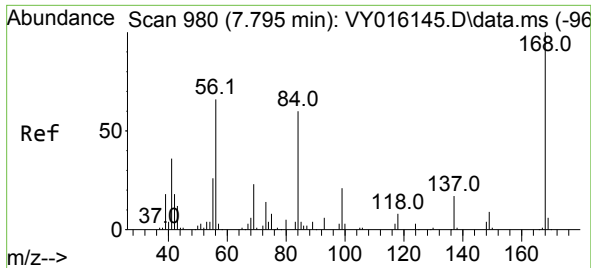


#20
Methylene Chloride
Concen: 12.764 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00



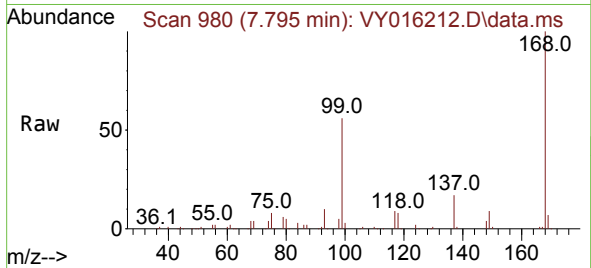
Tgt Ion: 84 Resp: 16175
Ion Ratio Lower Upper
84 100
49 118.6 106.9 160.3
51 38.4 33.2 49.8
86 63.3 51.0 76.6



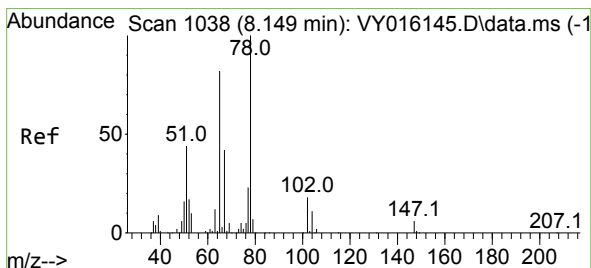
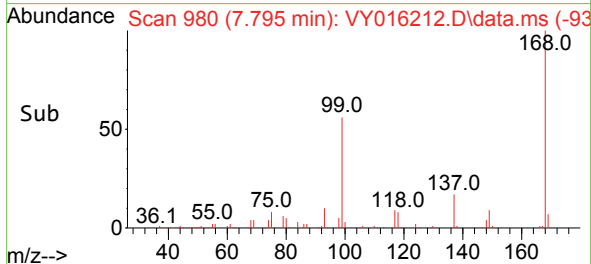
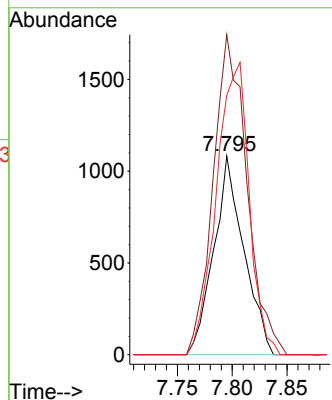


#31
Cyclohexane
Concen: 1.273 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :

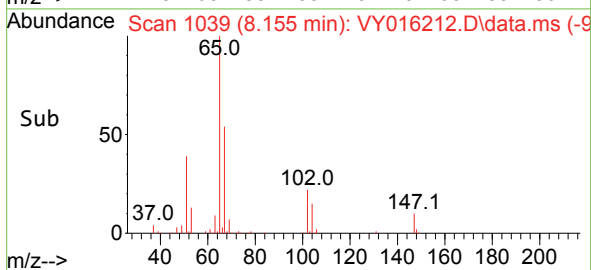
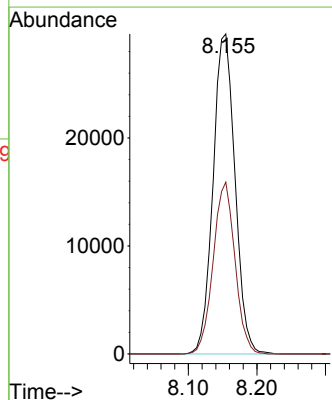
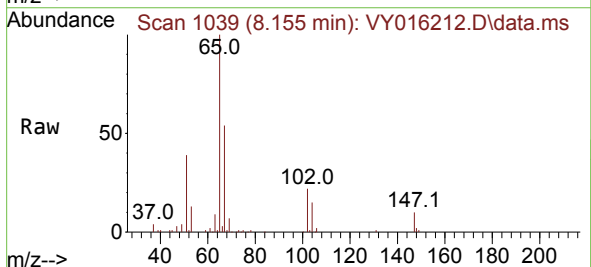


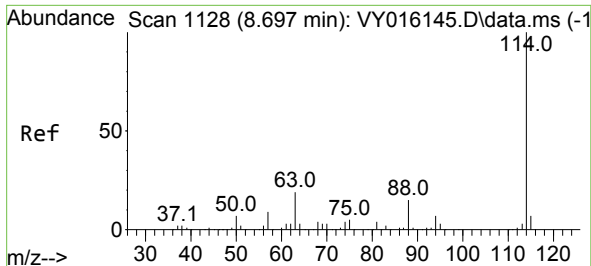
Tgt Ion: 56 Resp: 2070
Ion Ratio Lower Upper
56 100
69 161.0 27.8 41.6#
84 130.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 62.298 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

Tgt Ion: 65 Resp: 65907
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8

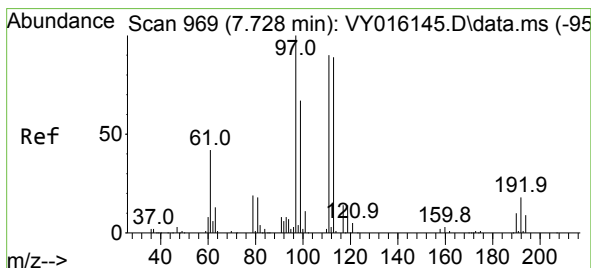
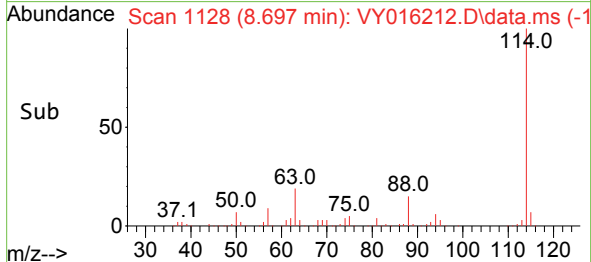
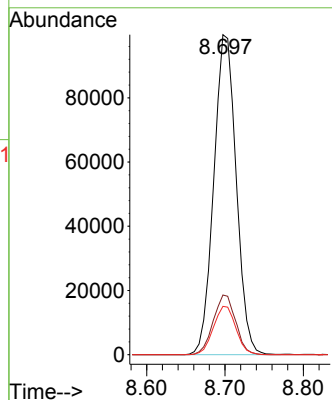
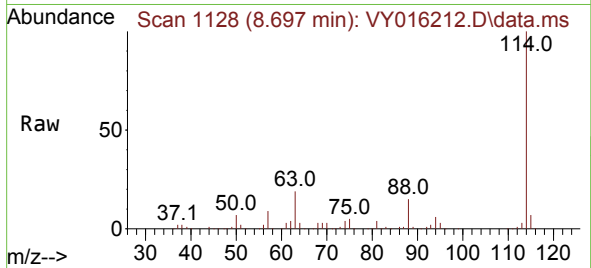




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

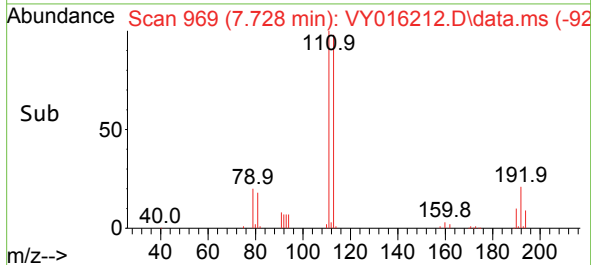
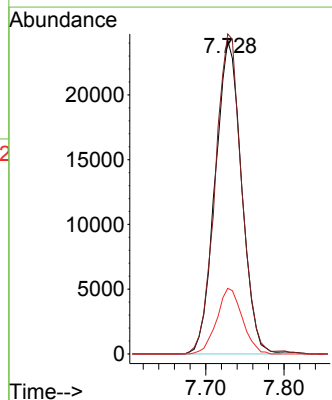
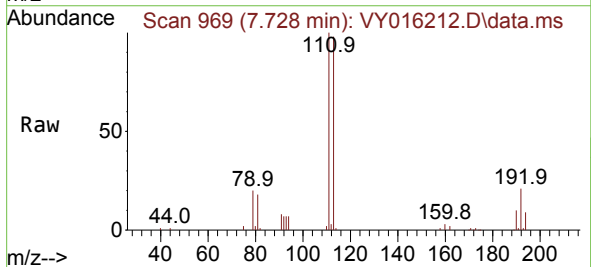
Instrument :
MSVOA_Y
ClientSampleId :

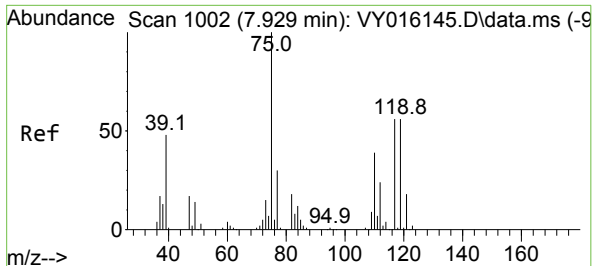
Tgt Ion:114 Resp: 198508
Ion Ratio Lower Upper
114 100
63 18.7 0.0 42.4
88 15.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.853 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

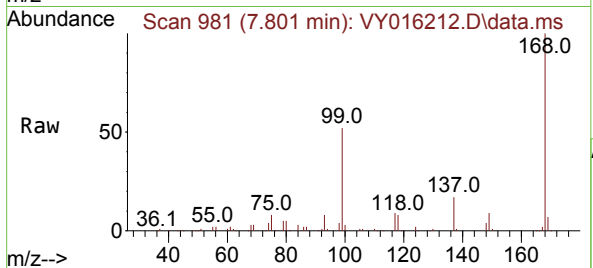
Tgt Ion:113 Resp: 56632
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.3 16.9 25.3



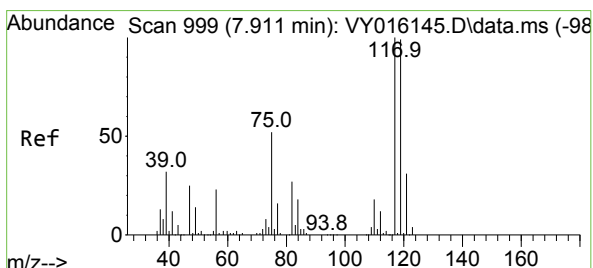
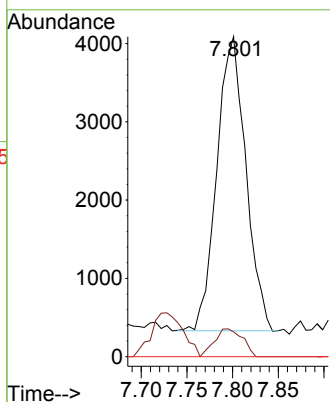
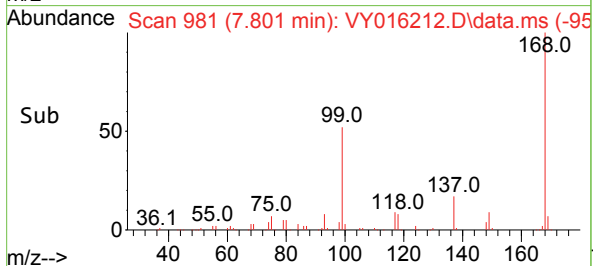


#36
 1,1-Dichloropropene
 Concen: 4.863 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY016212.D
 Acq: 03 Nov 2023 14:00

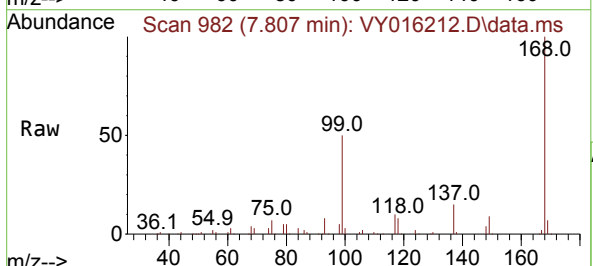
Instrument :
 MSVOA_Y
 ClientSampleId :



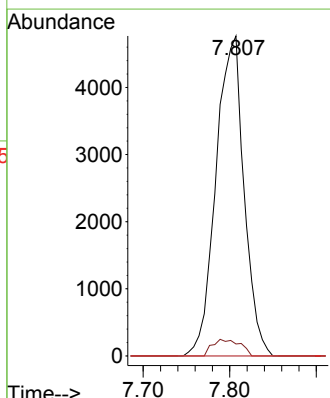
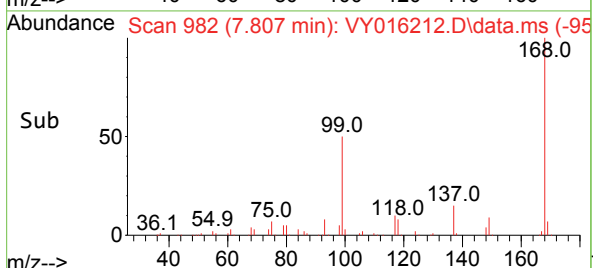
Tgt Ion: 75 Resp: 8310
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.5#
 77 0.0 24.4 36.6#

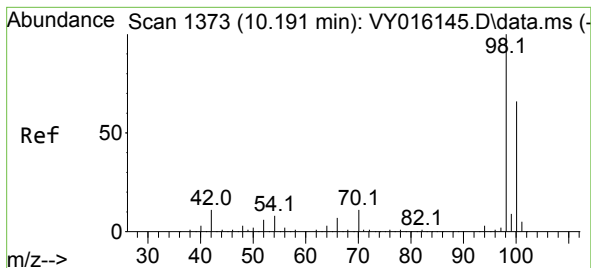


#38
 Carbon Tetrachloride
 Concen: 6.332 ug/l
 RT: 7.807 min Scan# 982
 Delta R.T. -0.104 min
 Lab File: VY016212.D
 Acq: 03 Nov 2023 14:00



Tgt Ion: 117 Resp: 10721
 Ion Ratio Lower Upper
 117 100
 119 3.8 76.4 114.6#
 121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 49.746 ug/l

RT: 10.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016212.D

Acq: 03 Nov 2023 14:00

Instrument :

MSVOA_Y

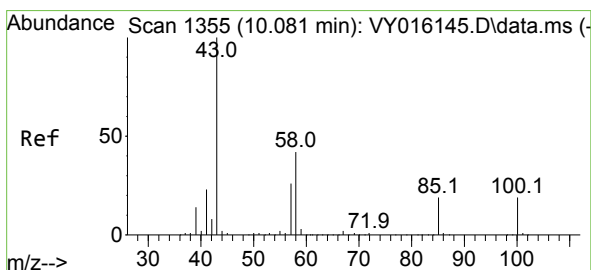
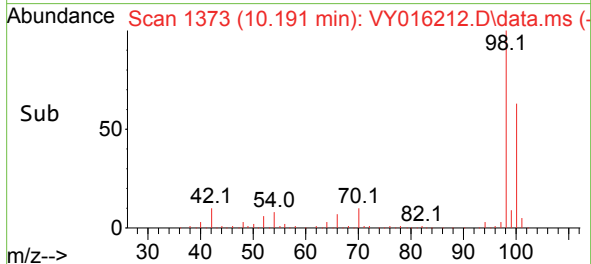
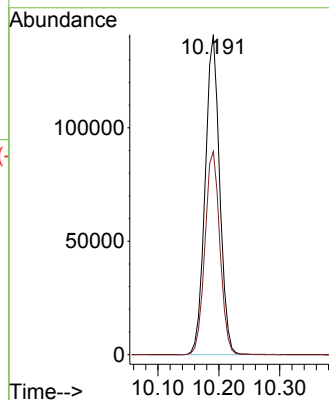
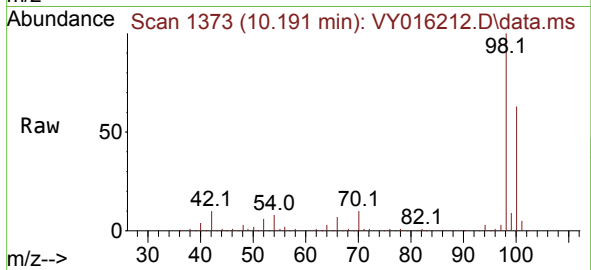
ClientSampleId :

Tgt Ion: 98 Resp: 233414

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.416 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. -0.006 min

Lab File: VY016212.D

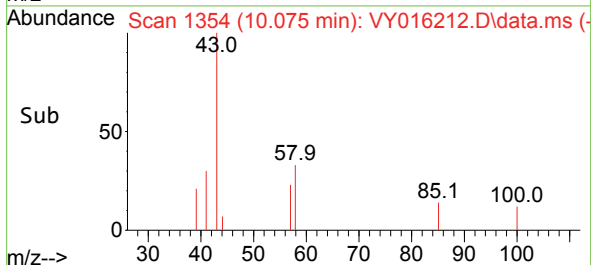
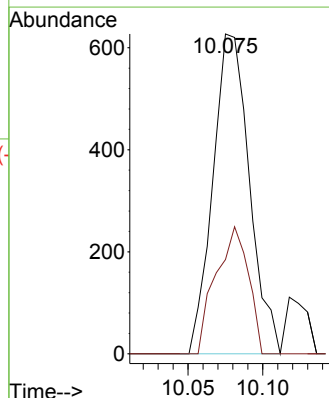
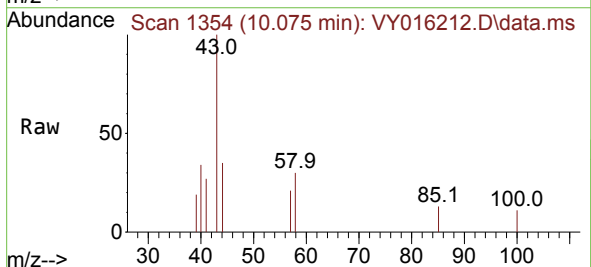
Acq: 03 Nov 2023 14:00

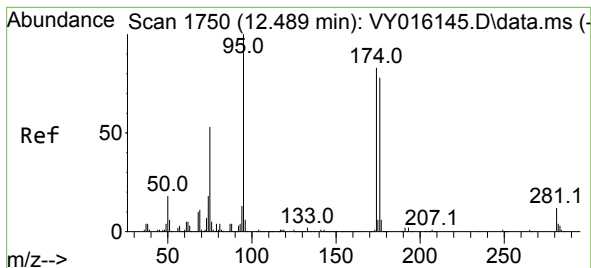
Tgt Ion: 43 Resp: 1064

Ion Ratio Lower Upper

43 100

58 35.3 29.0 43.6

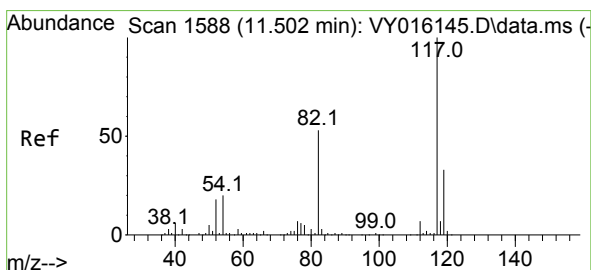
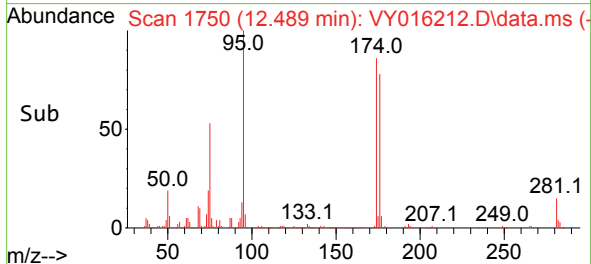
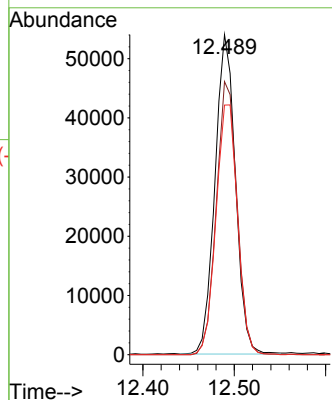
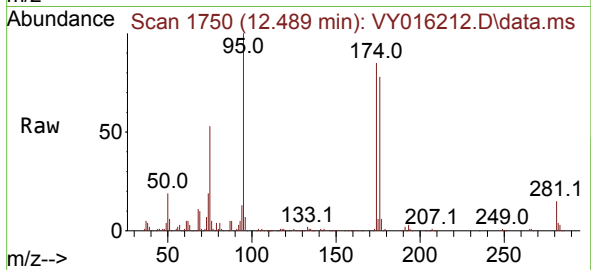




#62
4-Bromofluorobenzene
Concen: 52.290 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

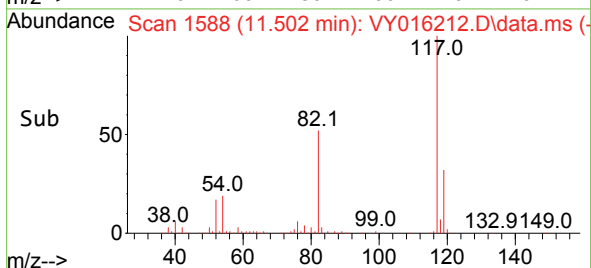
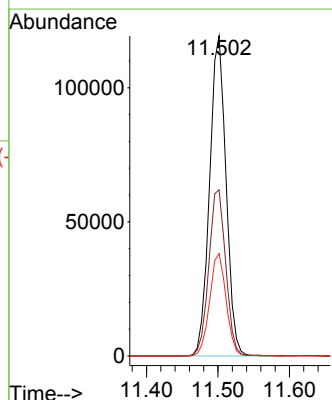
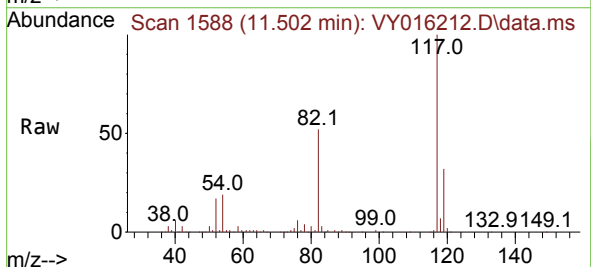
Instrument :
MSVOA_Y
ClientSampleId :

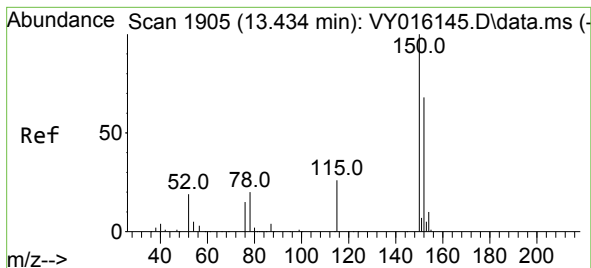
Tgt Ion: 95 Resp: 83897
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 82.5 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

Tgt Ion: 117 Resp: 190751
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016212.D

Acq: 03 Nov 2023 14:00

Instrument :

MSVOA_Y

ClientSampleId :

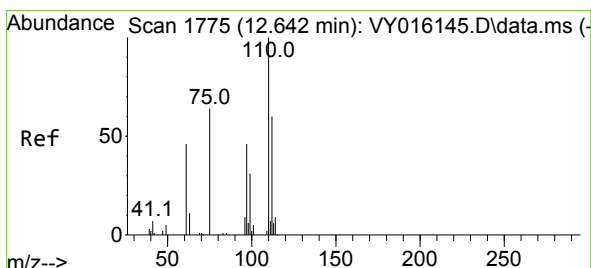
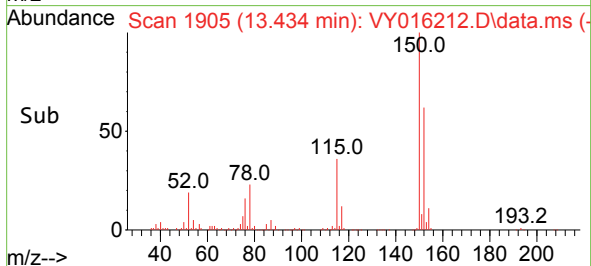
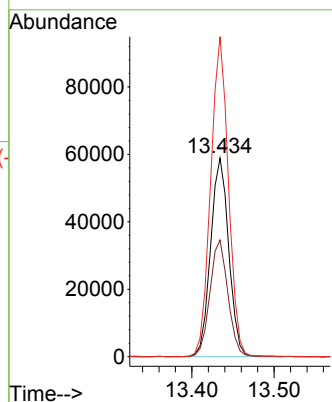
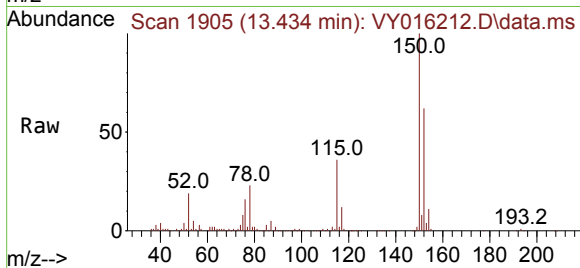
Tgt Ion:152 Resp: 90237

Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 157.3 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 51.836 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.152 min

Lab File: VY016212.D

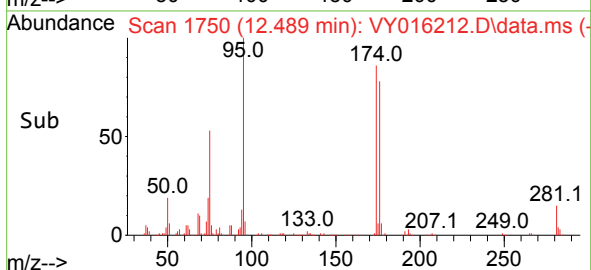
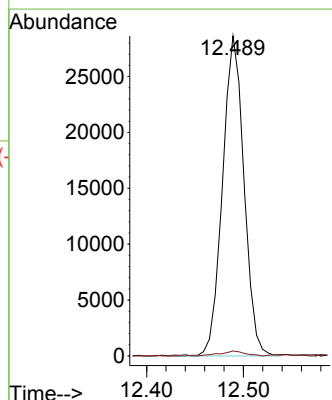
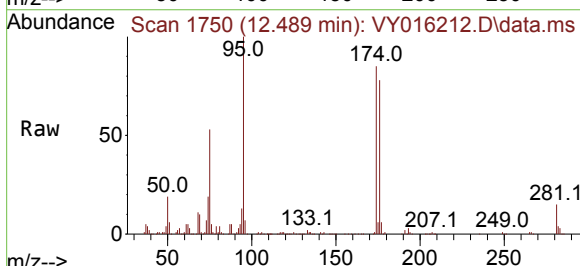
Acq: 03 Nov 2023 14:00

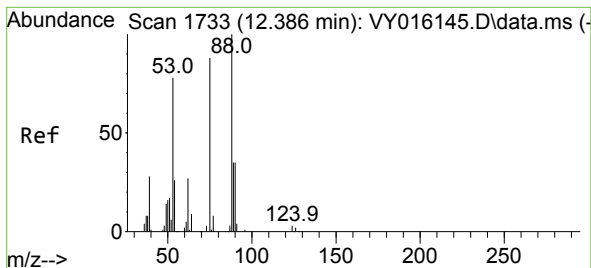
Tgt Ion: 75 Resp: 44049

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#

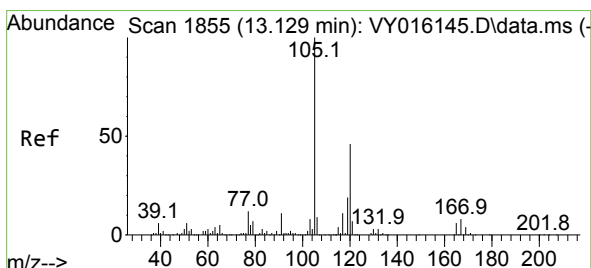
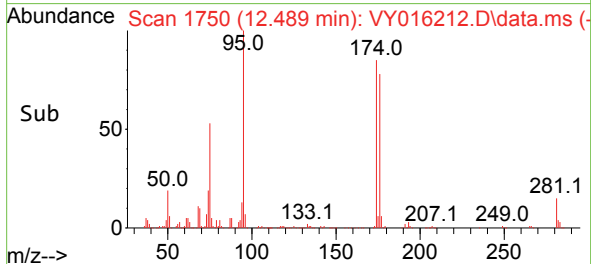
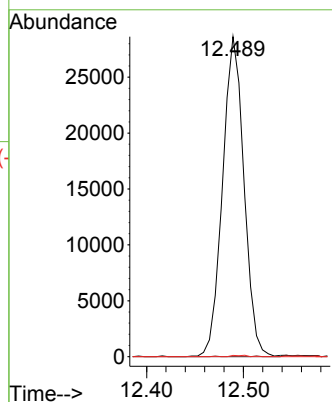
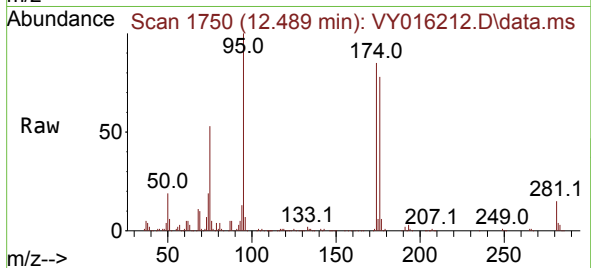




#81
trans-1,4-Dichloro-2-butene
Concen: 112.393 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 44049
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#



#84
1,2,4-Trimethylbenzene
Concen: 1.327 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VY016212.D
Acq: 03 Nov 2023 14:00

Tgt Ion:105 Resp: 7202
Ion Ratio Lower Upper
105 100
120 44.7 22.2 66.6

