

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
 Data File : VY016218.D
 Acq On : 03 Nov 2023 18:25
 Operator : SY/MD
 Sample : VY1103SBL03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 23:05:40 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)

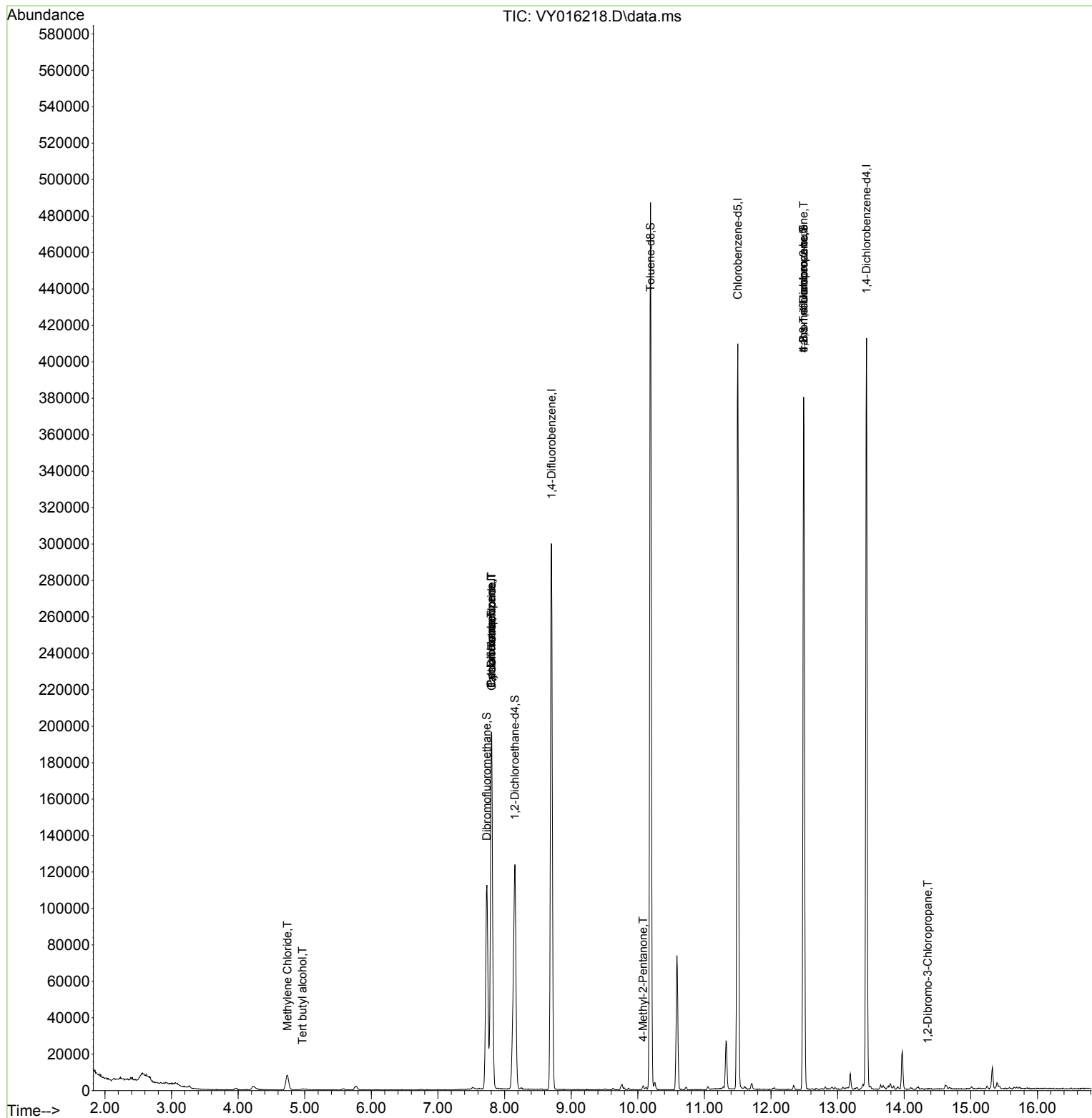
Internal Standards						
1) Pentafluorobenzene	7.801	168	156310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	262248	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	229087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	103784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	84663	57.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.760%	
35) Dibromofluoromethane	7.734	113	79950	51.137	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.280%	
50) Toluene-d8	10.191	98	316314	51.029	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.060%	
62) 4-Bromofluorobenzene	12.489	95	104272	49.193	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 98.380%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	823	7.531	ug/l #	89
16) Acetone	3.966	43	1811	Below Cal		100
20) Methylene Chloride	4.741	84	6291	1.260	ug/l #	87
31) Cyclohexane	7.801	56	3087	1.373	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	12275	5.437	ug/l #	50
38) Carbon Tetrachloride	7.807	117	15480	6.921	ug/l #	16
51) 4-Methyl-2-Pentanone	10.081	43	1697	1.710	ug/l	94
76) 1,2,3-Trichloropropane	12.489	75	55559	56.847	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	55559	123.257	ug/l #	11
92) 1,2-Dibromo-3-Chloropr...	14.355	75	222	1.001	ug/l #	3

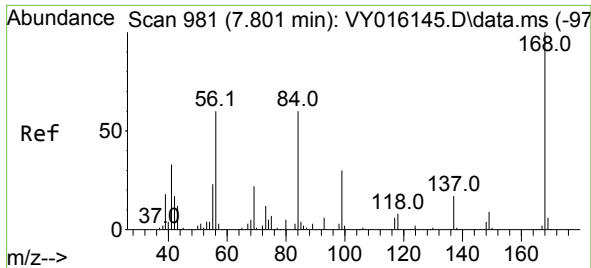
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110323\
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

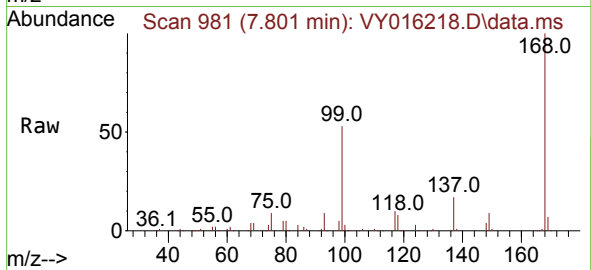
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:33:29 2023
Response via : Initial Calibration



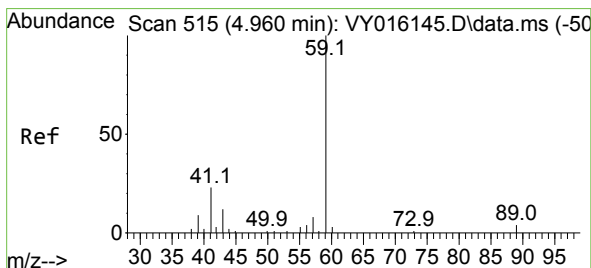
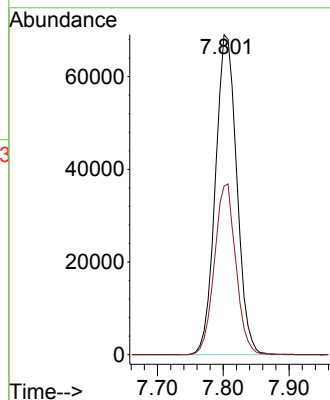
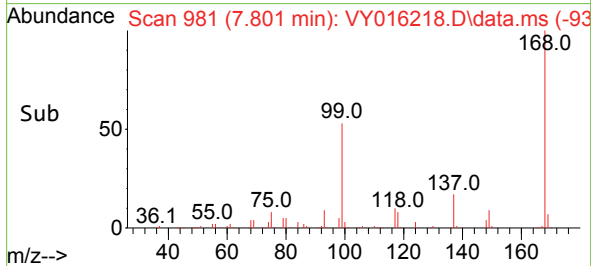


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

Instrument :
MSVOA_Y
ClientSampleId :

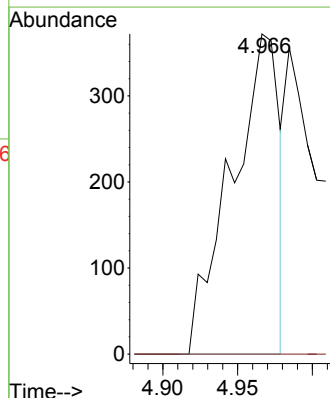
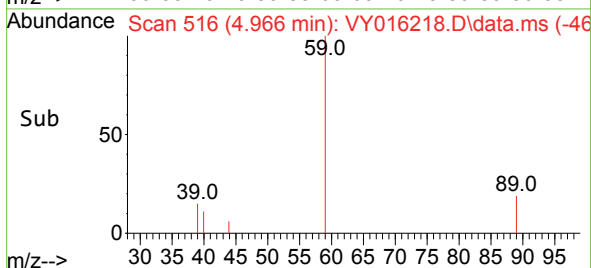
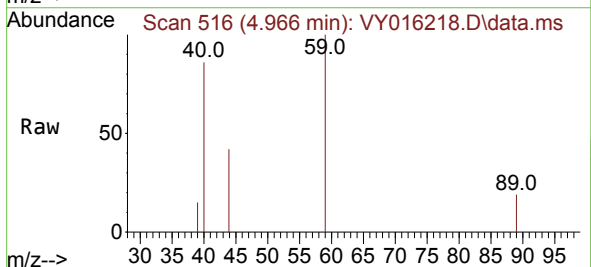


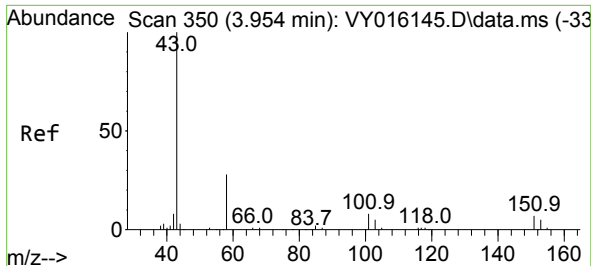
Tgt Ion:168 Resp: 156310
Ion Ratio Lower Upper
168 100
99 52.7 43.4 65.0



#11
Tert butyl alcohol
Concen: 7.531 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

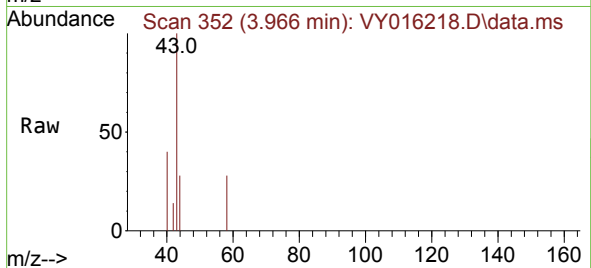
Tgt Ion: 59 Resp: 823
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



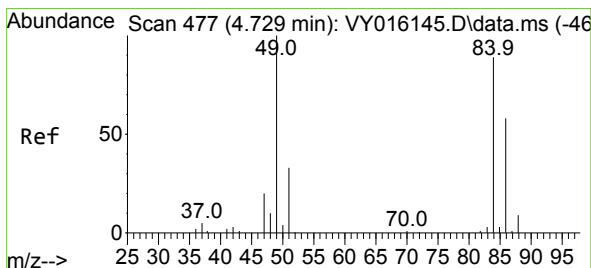
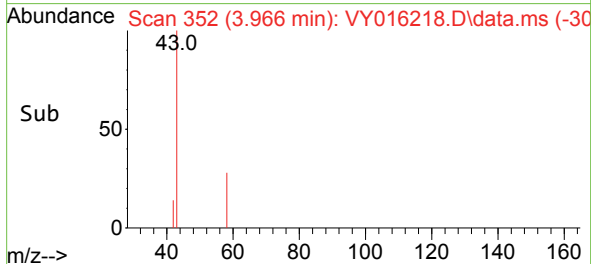
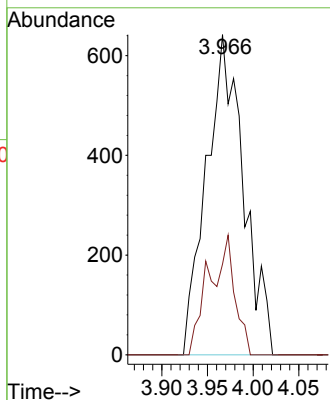


#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

Instrument :
MSVOA_Y
ClientSampleId :

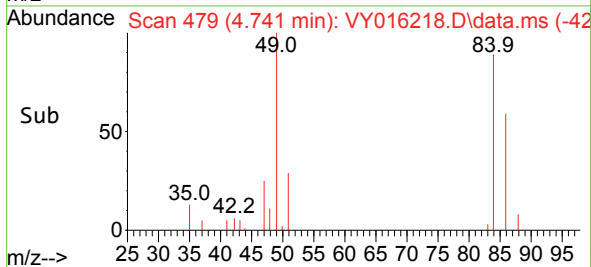
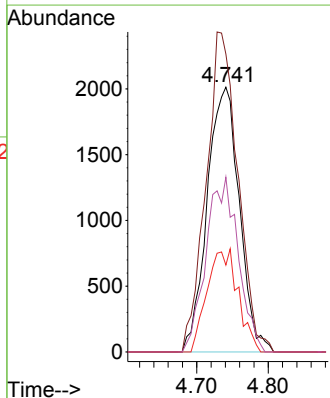
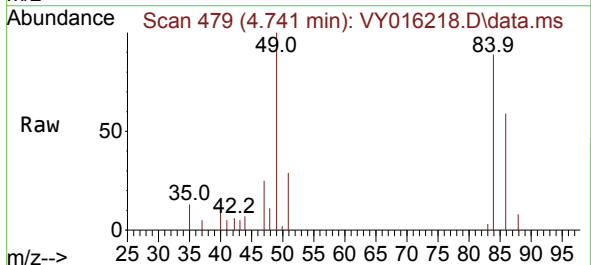


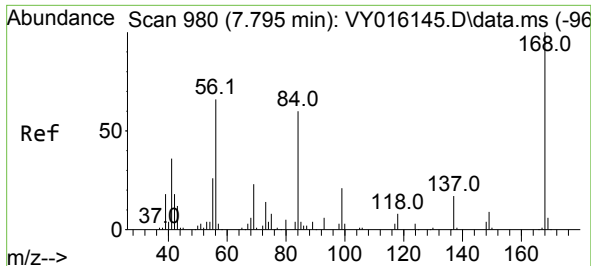
Tgt Ion: 43 Resp: 1811
Ion Ratio Lower Upper
43 100
58 28.3 22.7 34.1



#20
Methylene Chloride
Concen: 1.260 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

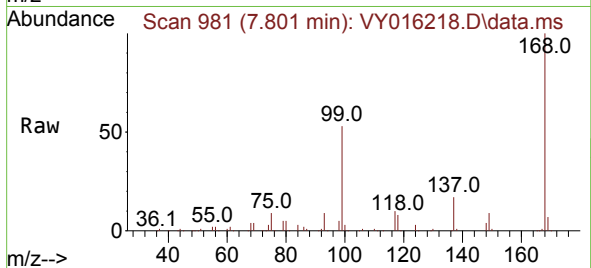
Tgt Ion: 84 Resp: 6291
Ion Ratio Lower Upper
84 100
49 112.5 106.9 160.3
51 32.8 33.2 49.8#
86 66.0 51.0 76.6



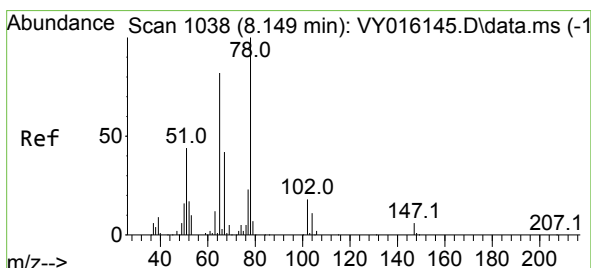
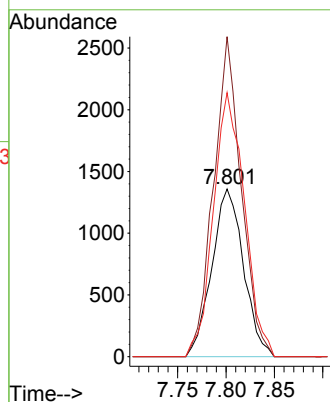
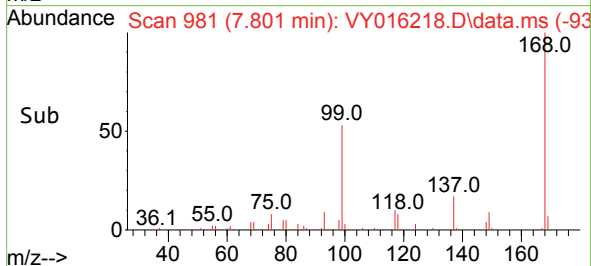


#31
Cyclohexane
Concen: 1.373 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

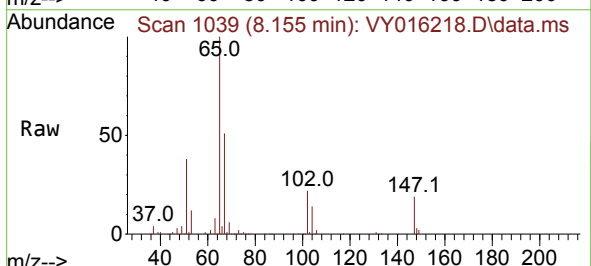
Instrument :
MSVOA_Y
ClientSampleId :



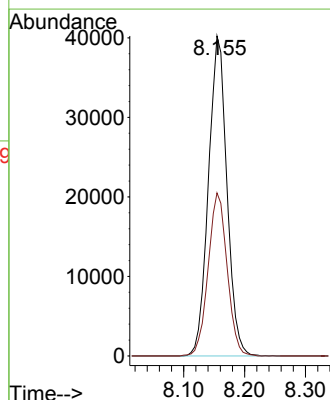
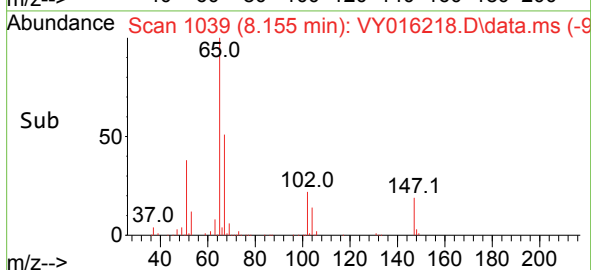
Tgt Ion: 56 Resp: 3087
Ion Ratio Lower Upper
56 100
69 190.9 27.8 41.6#
84 157.4 66.4 99.6#

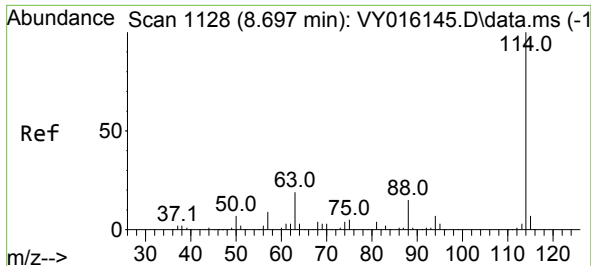


#33
1,2-Dichloroethane-d4
Concen: 57.884 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25



Tgt Ion: 65 Resp: 84663
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016218.D

Acq: 03 Nov 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

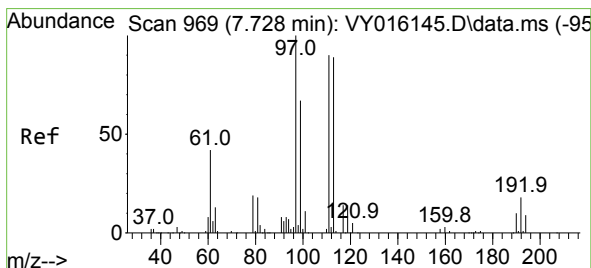
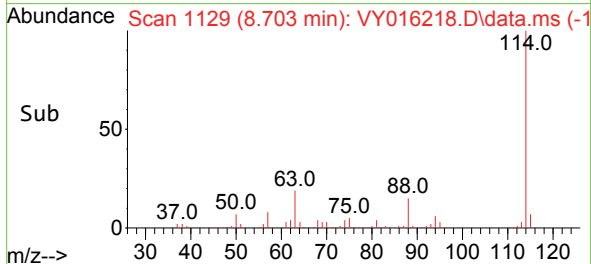
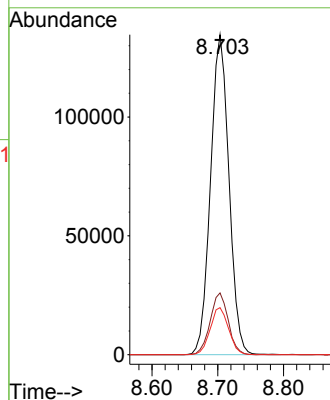
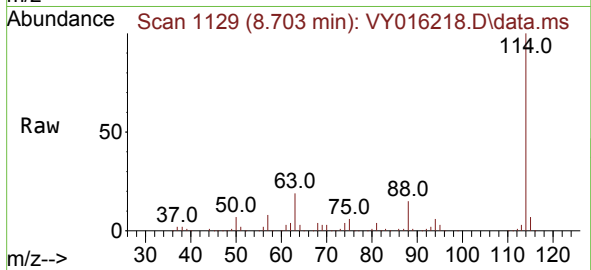
Tgt Ion:114 Resp: 262248

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.137 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016218.D

Acq: 03 Nov 2023 18:25

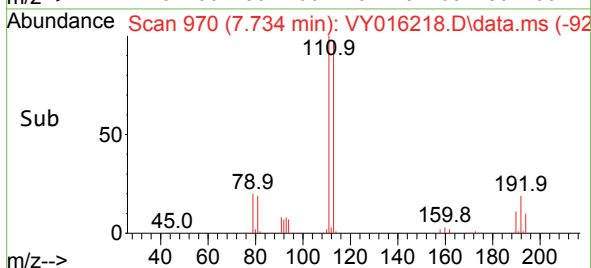
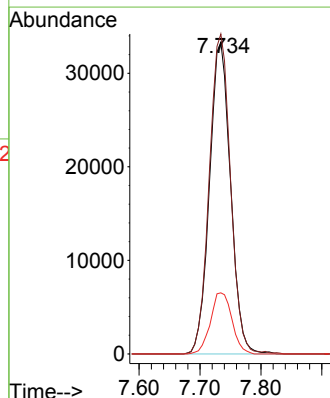
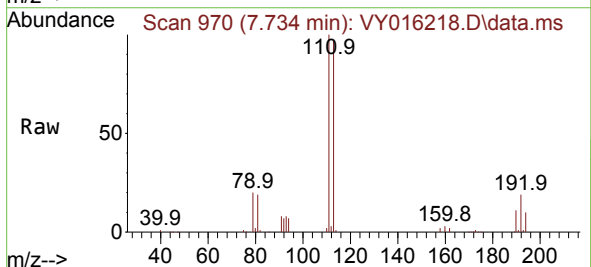
Tgt Ion:113 Resp: 79950

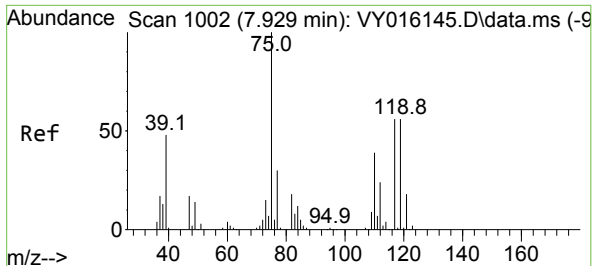
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

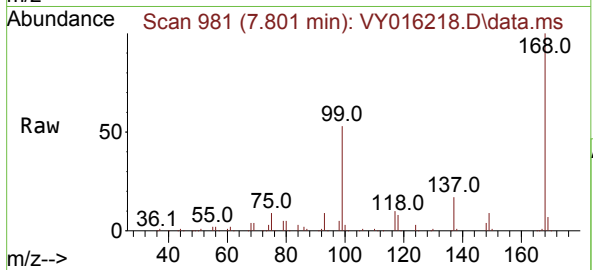
192 20.0 16.9 25.3



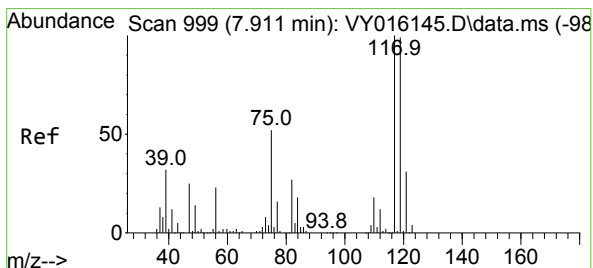
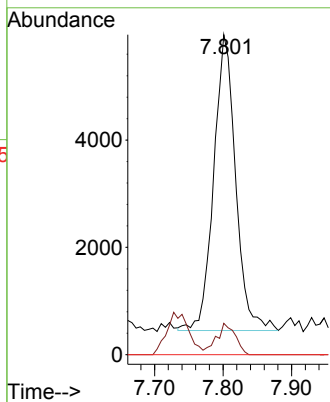
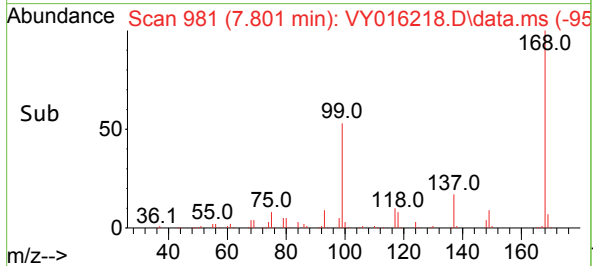


#36
 1,1-Dichloropropene
 Concen: 5.437 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.128 min
 Lab File: VY016218.D
 Acq: 03 Nov 2023 18:25

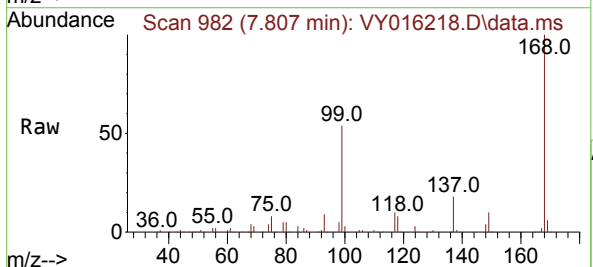
Instrument :
 MSVOA_Y
 ClientSampleId :



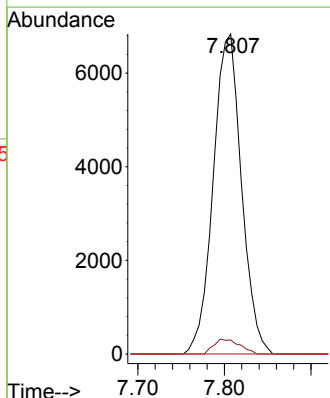
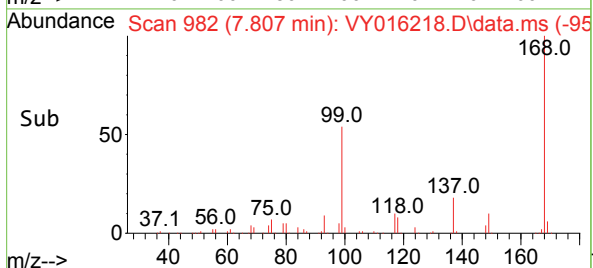
Tgt Ion: 75 Resp: 12275
 Ion Ratio Lower Upper
 75 100
 110 9.1 17.8 53.5#
 77 0.0 24.4 36.6#

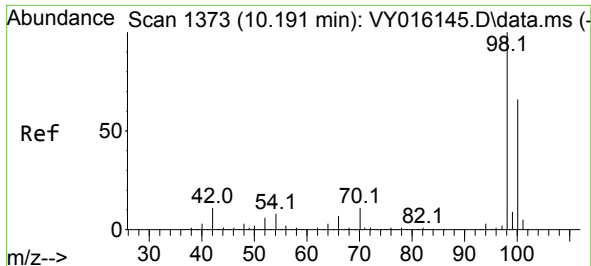


#38
 Carbon Tetrachloride
 Concen: 6.921 ug/l
 RT: 7.807 min Scan# 982
 Delta R.T. -0.104 min
 Lab File: VY016218.D
 Acq: 03 Nov 2023 18:25



Tgt Ion: 117 Resp: 15480
 Ion Ratio Lower Upper
 117 100
 119 4.4 76.4 114.6#
 121 0.0 25.8 38.6#

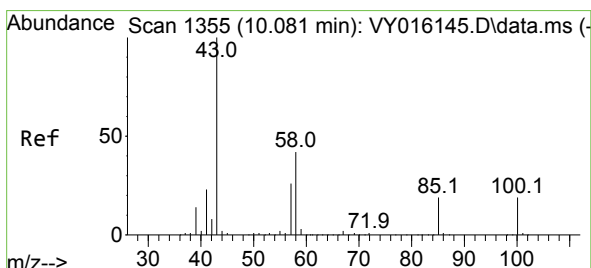
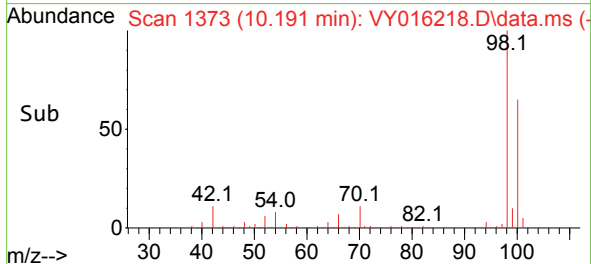
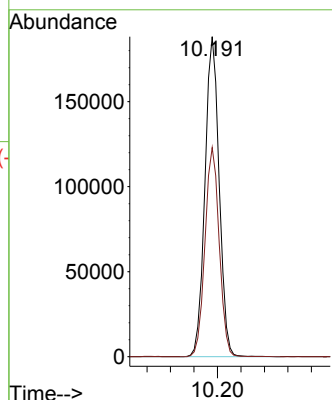
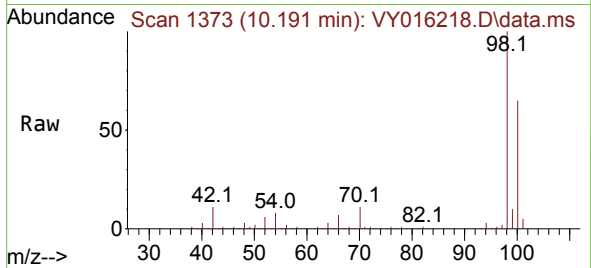




#50
Toluene-d8
Concen: 51.029 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

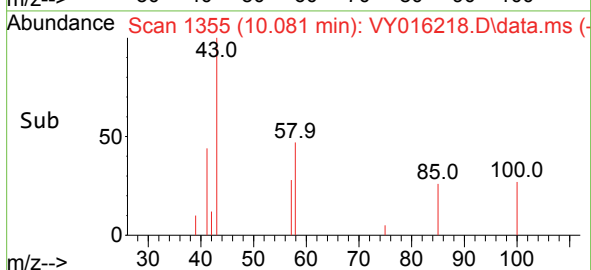
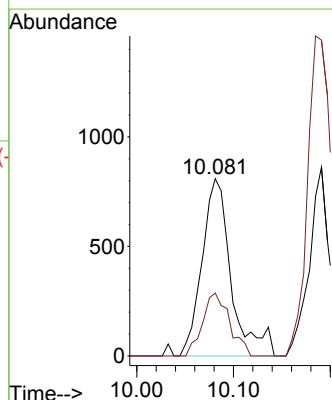
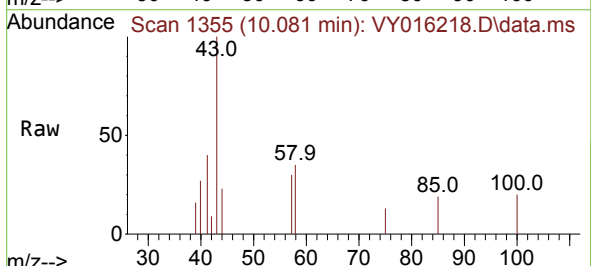
Instrument :
MSVOA_Y
ClientSampleId :

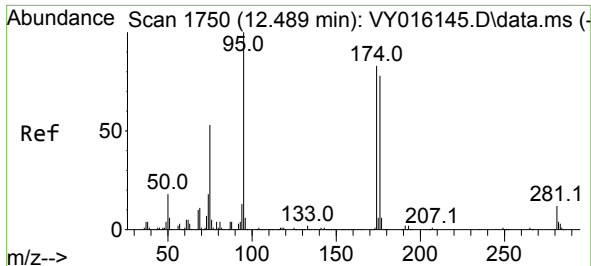
Tgt Ion: 98 Resp: 316314
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.710 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

Tgt Ion: 43 Resp: 1697
Ion Ratio Lower Upper
43 100
58 32.9 29.0 43.6

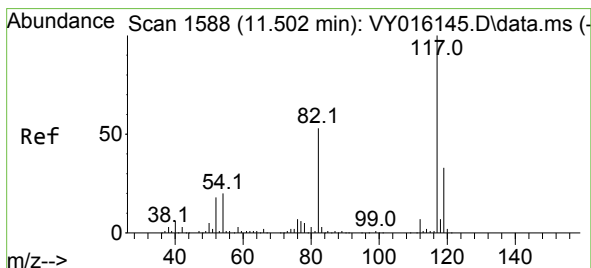
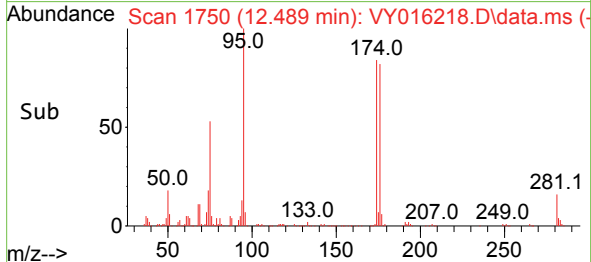
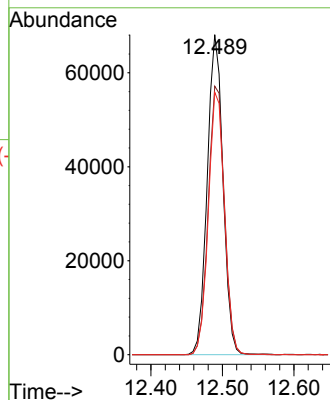
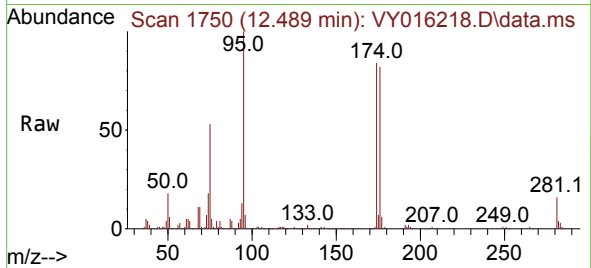




#62
4-Bromofluorobenzene
Concen: 49.193 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

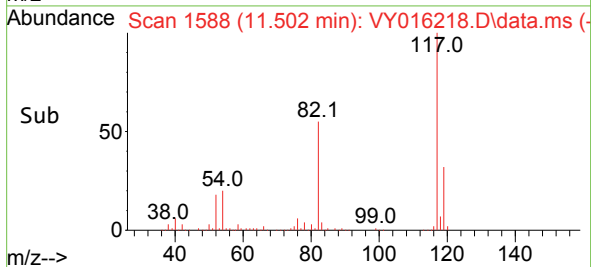
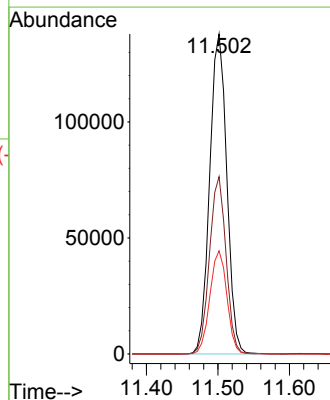
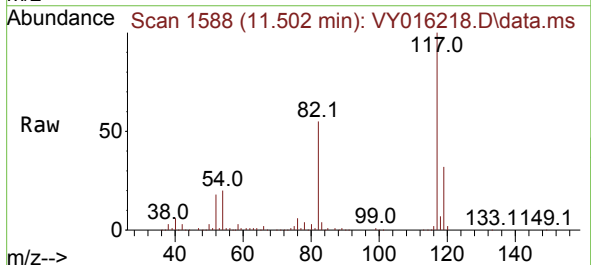
Instrument :
MSVOA_Y
ClientSampleId :

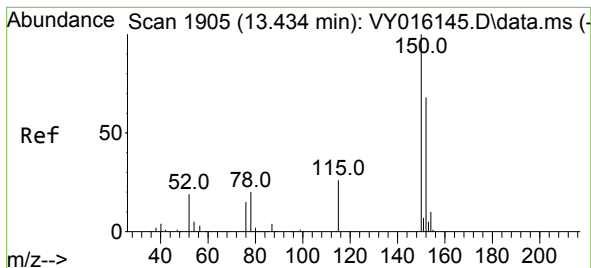
Tgt Ion: 95 Resp: 104272
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 83.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. -0.000 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

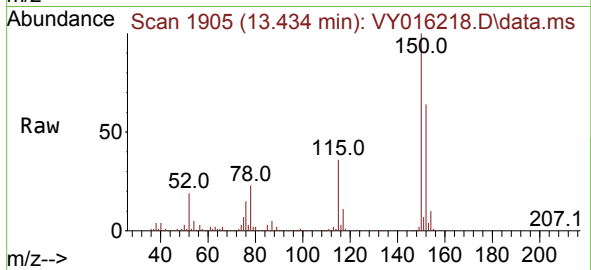
Tgt Ion: 117 Resp: 229087
Ion Ratio Lower Upper
117 100
82 55.4 43.4 65.0
119 32.3 26.3 39.5



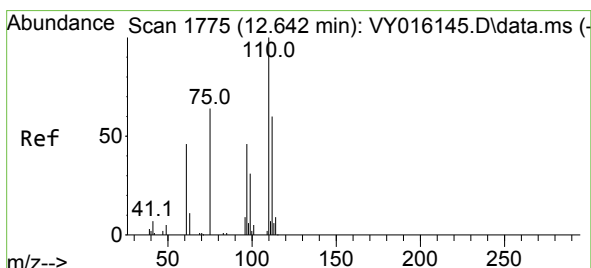
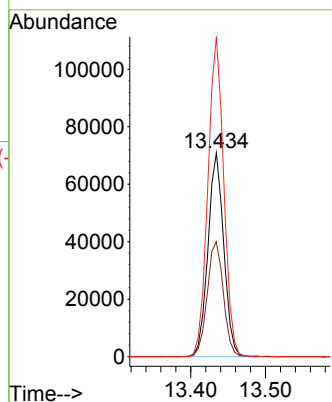
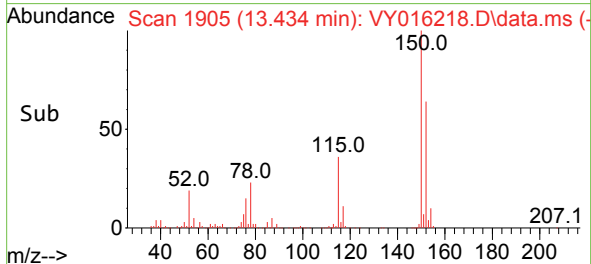


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

Instrument :
MSVOA_Y
ClientSampleId :

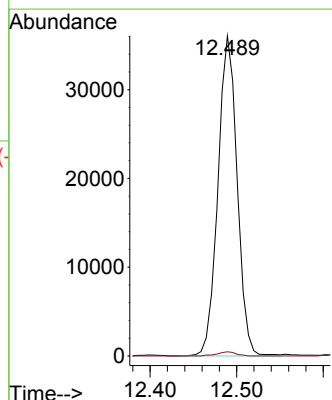
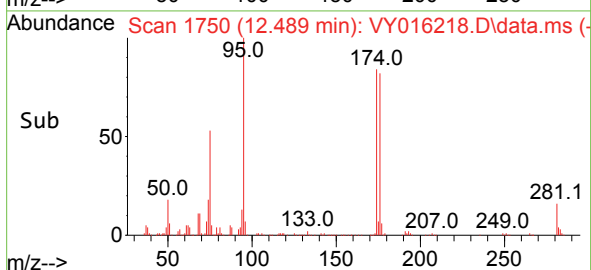
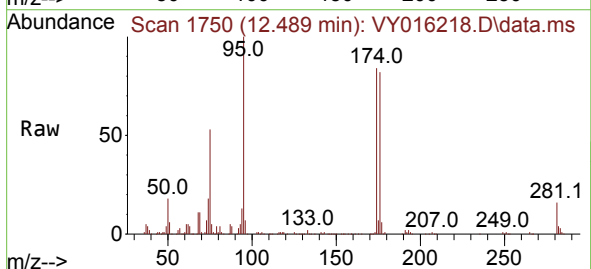


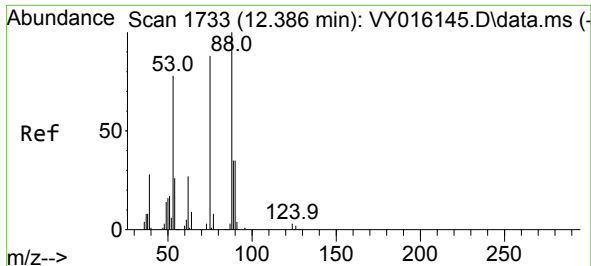
Tgt Ion:152 Resp: 103784
Ion Ratio Lower Upper
152 100
115 57.9 28.8 86.5
150 157.7 0.0 348.8



#76
1,2,3-Trichloropropane
Concen: 56.847 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.152 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

Tgt Ion: 75 Resp: 55559
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

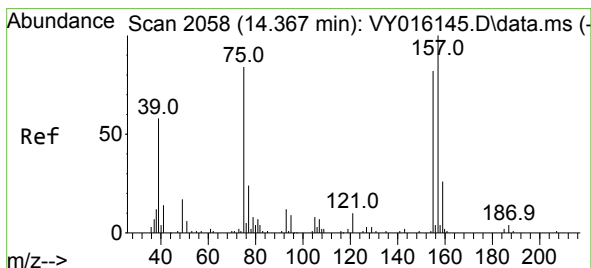
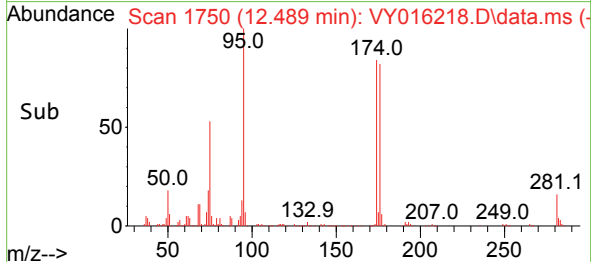
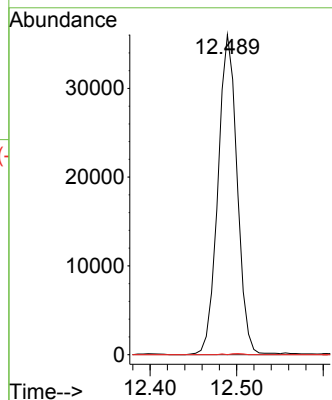
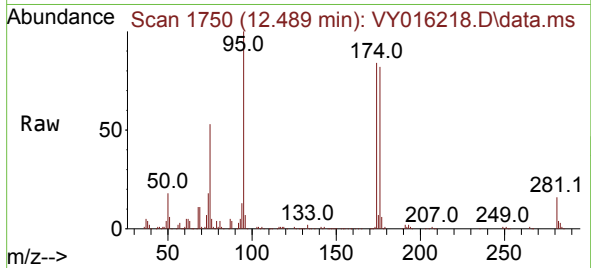




#81
trans-1,4-Dichloro-2-butene
Concen: 123.257 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.104 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 55559
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.3 37.4 56.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.001 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.012 min
Lab File: VY016218.D
Acq: 03 Nov 2023 18:25

Tgt Ion: 75 Resp: 222
Ion Ratio Lower Upper
75 100
155 0.0 41.5 124.6#
157 0.0 51.8 155.5#

