

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016278.D
 Acq On : 09 Nov 2023 13:50
 Operator : SY/MD
 Sample : 05293-04
 Misc : 5.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 22:58:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

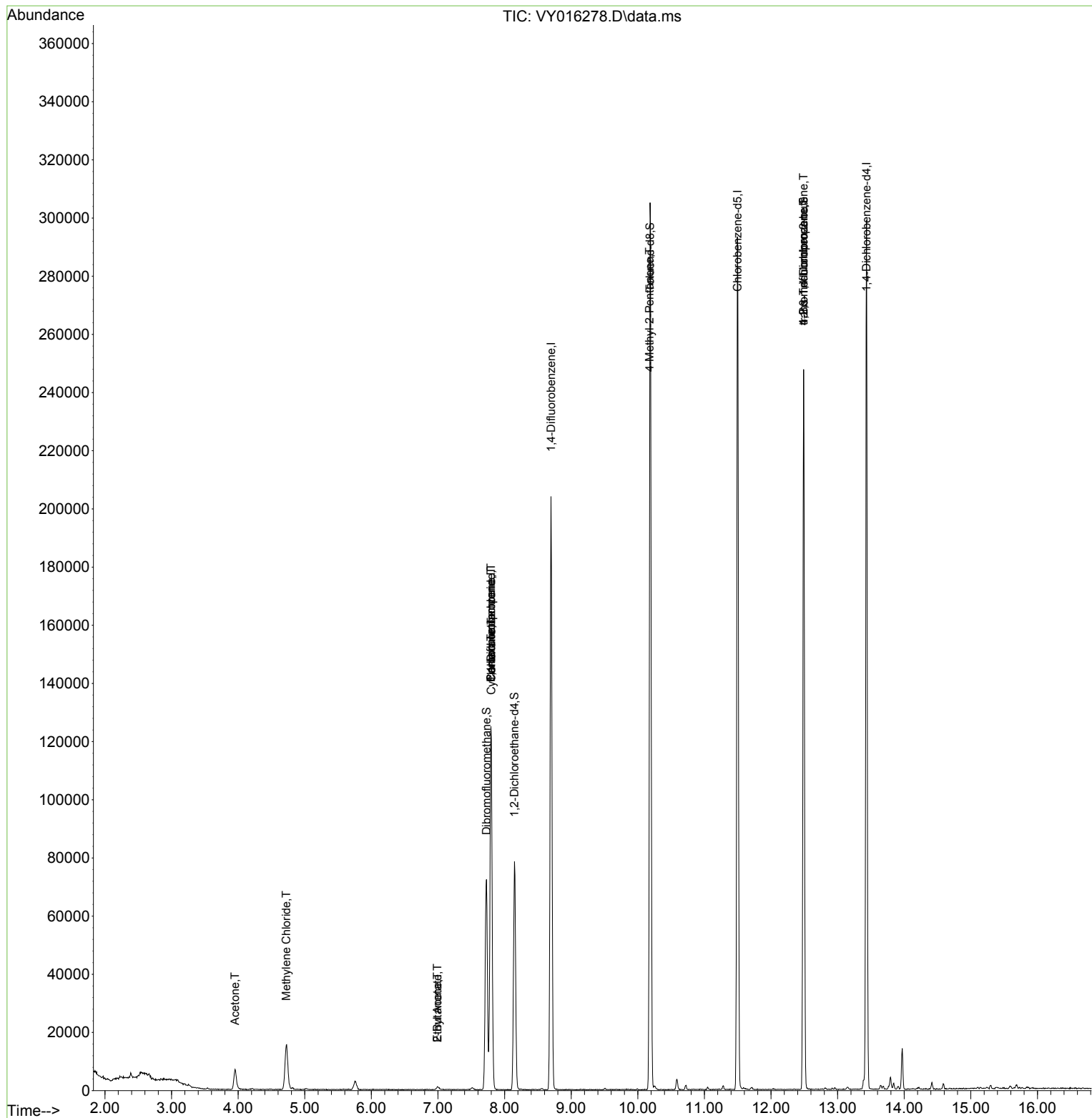
Internal Standards						
1) Pentafluorobenzene	7.795	168	98978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	174722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	167018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	76227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	61162	67.611	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 135.220%			
35) Dibromofluoromethane	7.728	113	51810	52.200	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.400%			
50) Toluene-d8	10.185	98	205623	51.087	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.180%			
62) 4-Bromofluorobenzene	12.489	95	70933	54.262	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.520%			
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	12252	81.879	ug/l #	88
20) Methylene Chloride	4.722	84	12164	8.627	ug/l	84
25) 2-Butanone	6.990	43	2009	7.665	ug/l	95
31) Cyclohexane	7.801	56	1915	1.075	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7328	4.252	ug/l #	50
37) Ethyl Acetate	6.990	43	2009	2.885	ug/l #	71
38) Carbon Tetrachloride	7.795	117	9937	5.555	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	860	1.263	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	37221	50.901	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	37221	110.486	ug/l #	10

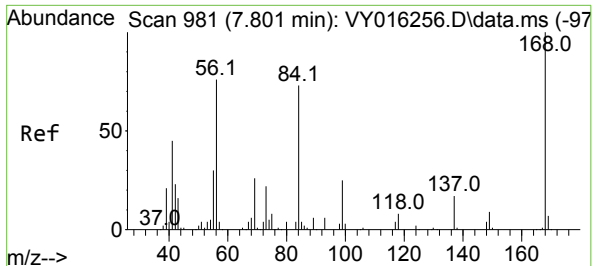
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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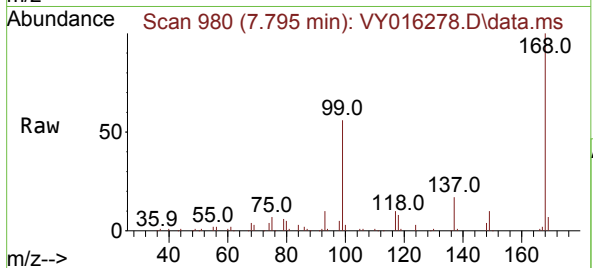
Quant Time: Nov 09 22:58:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 09 00:45:52 2023
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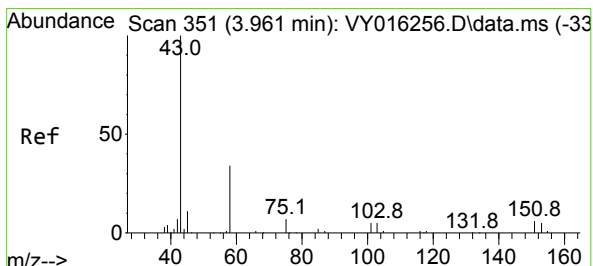
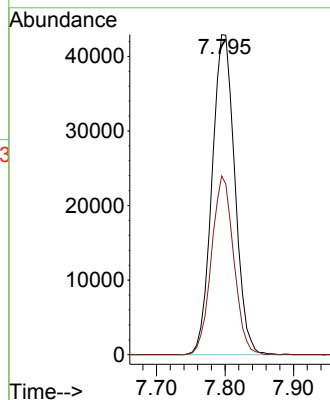
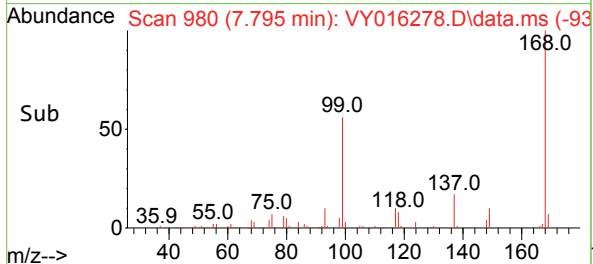


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :

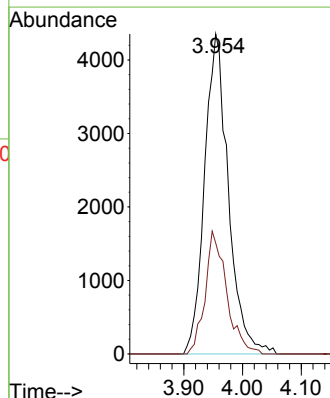
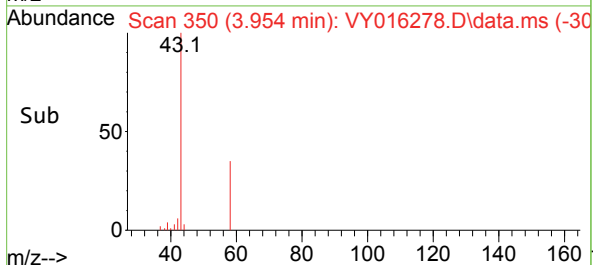
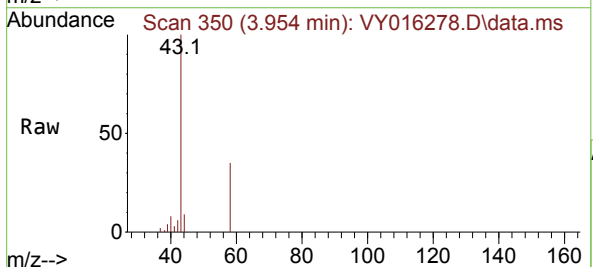


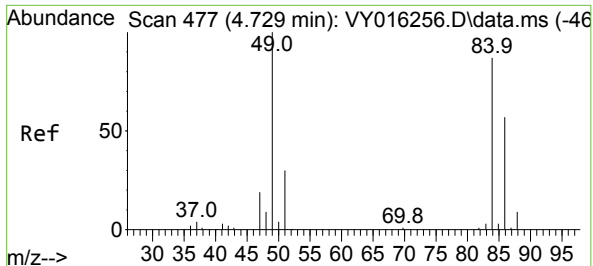
Tgt Ion:168 Resp: 98978
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#16
Acetone
Concen: 81.879 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

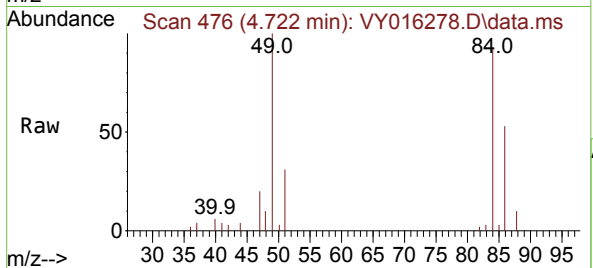
Tgt Ion: 43 Resp: 12252
Ion Ratio Lower Upper
43 100
58 34.6 22.7 34.1#





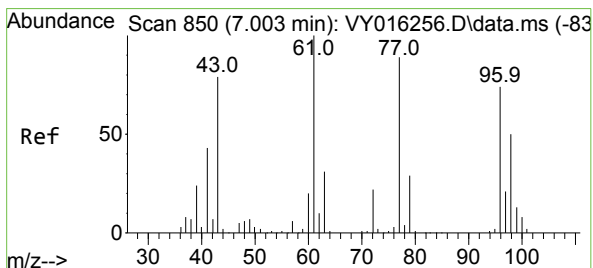
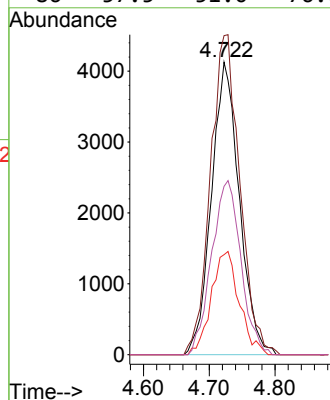
#20
Methylene Chloride
Concen: 8.627 ug/l
RT: 4.722 min Scan# 41
Delta R.T. -0.007 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 12164

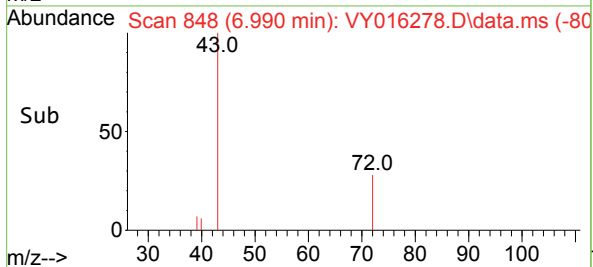
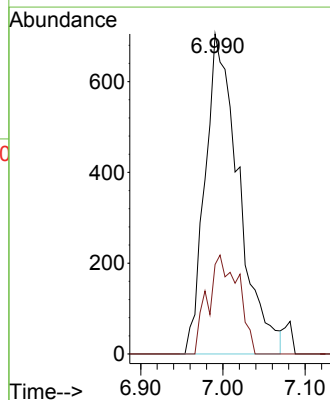
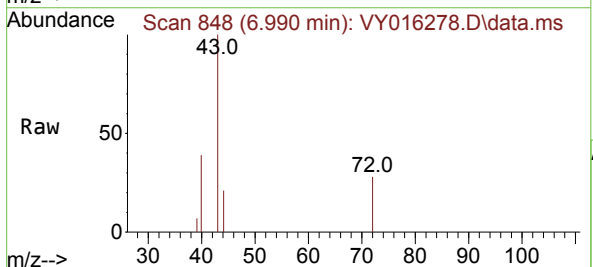
Ion	Ratio	Lower	Upper
84	100		
49	109.1	106.9	160.3
51	34.2	33.2	49.8
86	57.5	51.0	76.6

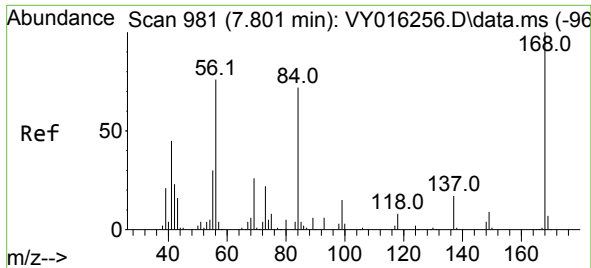


#25
2-Butanone
Concen: 7.665 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

Tgt Ion: 43 Resp: 2009

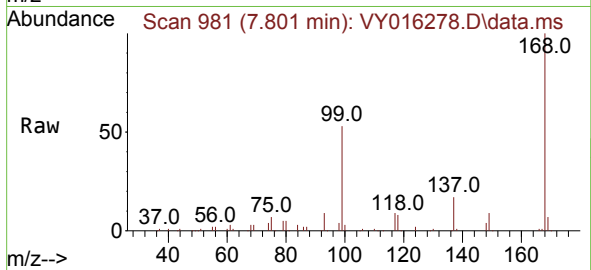
Ion	Ratio	Lower	Upper
43	100		
72	27.9	20.5	30.7



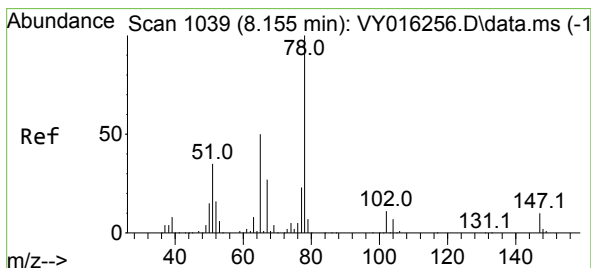
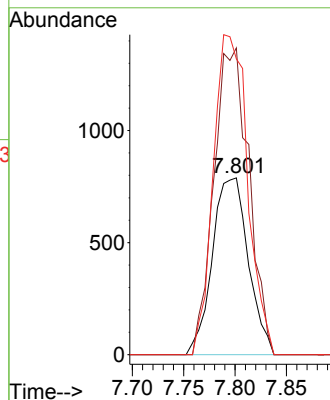
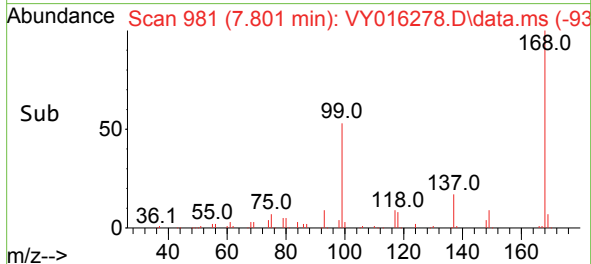


#31
Cyclohexane
Concen: 1.075 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :

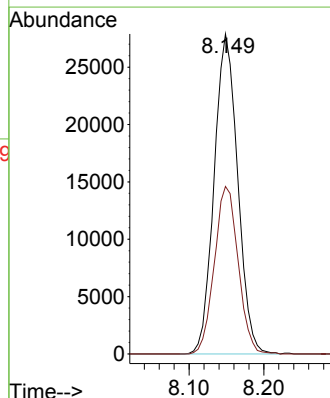
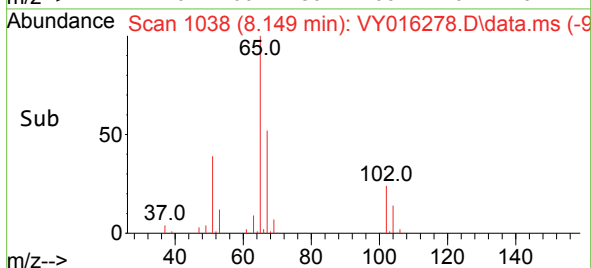
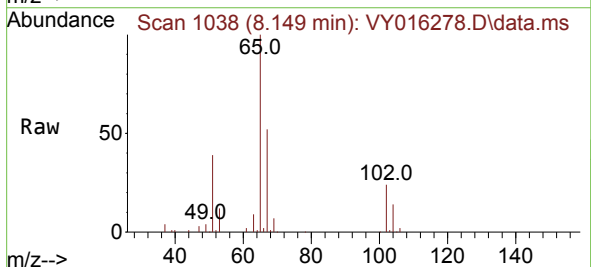


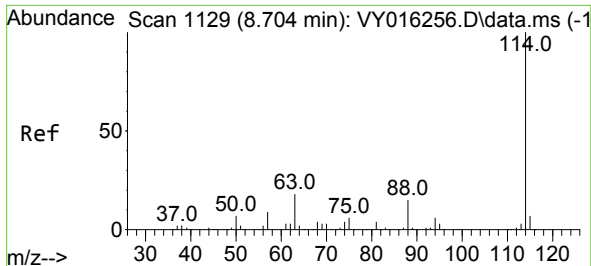
Tgt Ion: 56 Resp: 1915
Ion Ratio Lower Upper
56 100
69 173.5 27.8 41.6#
84 167.3 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 67.611 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

Tgt Ion: 65 Resp: 61162
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016278.D

Acq: 09 Nov 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

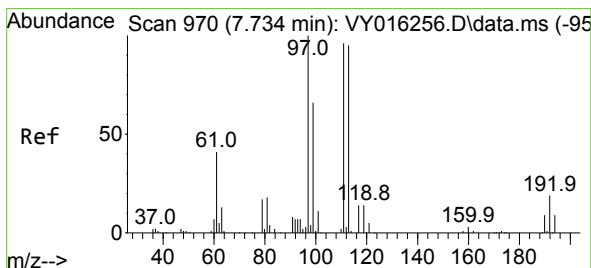
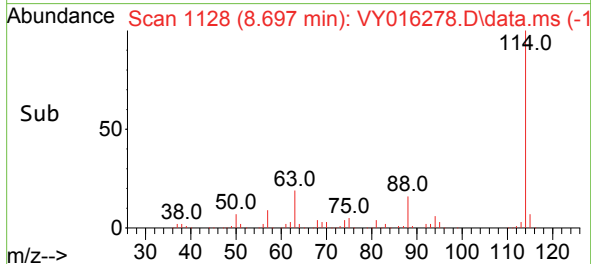
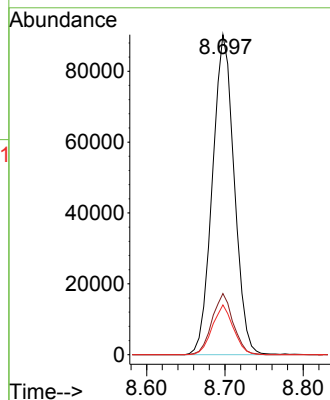
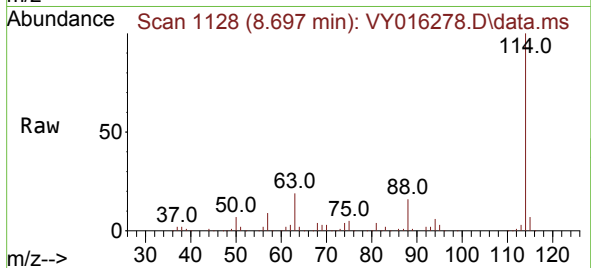
Tgt Ion:114 Resp: 174722

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.200 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016278.D

Acq: 09 Nov 2023 13:50

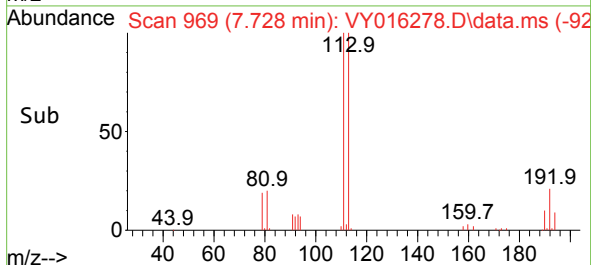
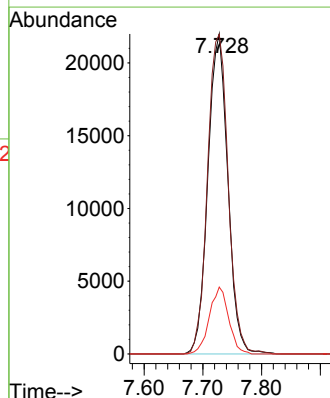
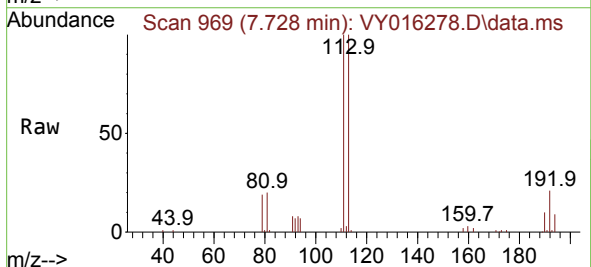
Tgt Ion:113 Resp: 51810

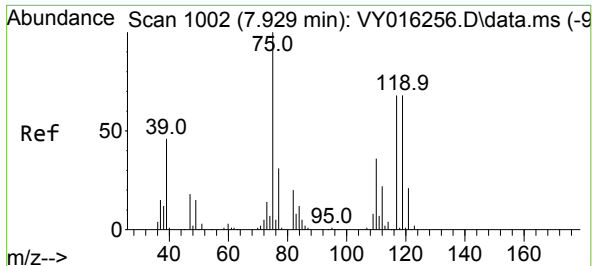
Ion Ratio Lower Upper

113 100

111 103.7 81.3 121.9

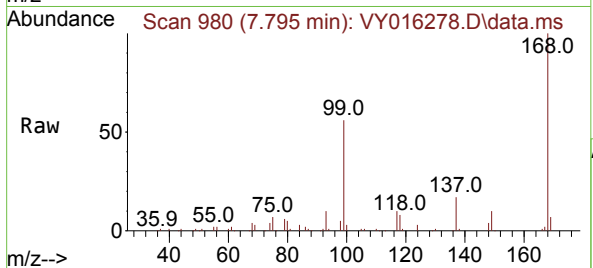
192 20.2 16.9 25.3



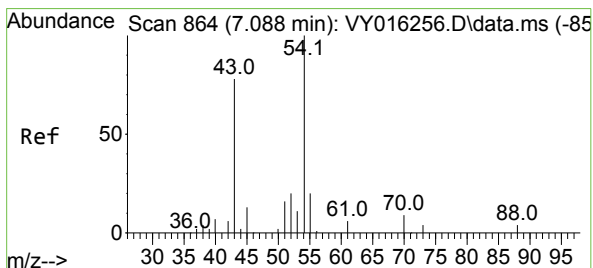
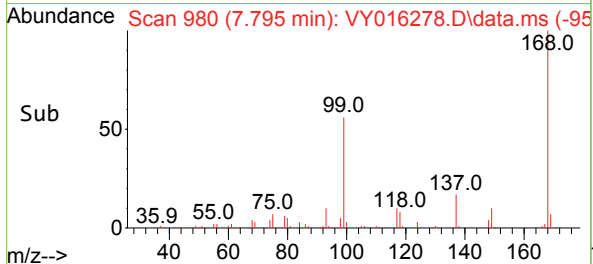
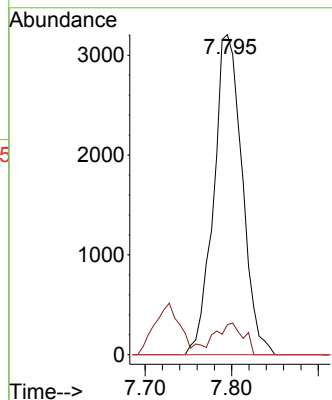


#36
1,1-Dichloropropene
Concen: 4.252 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :

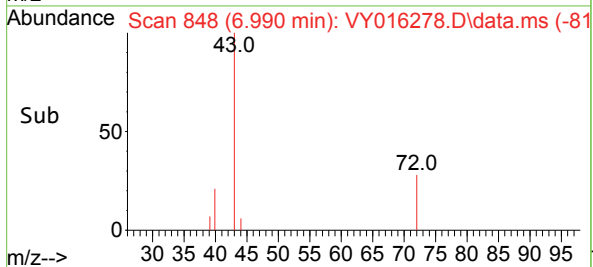
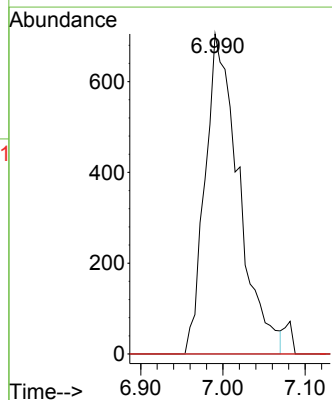
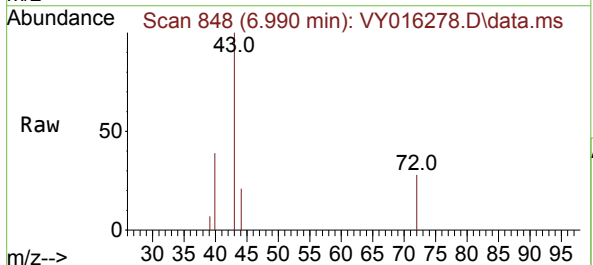


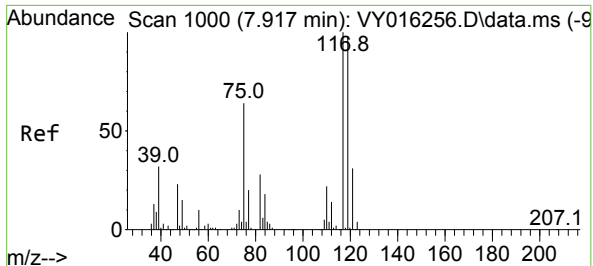
Tgt Ion: 75 Resp: 7328
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 2.885 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.098 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

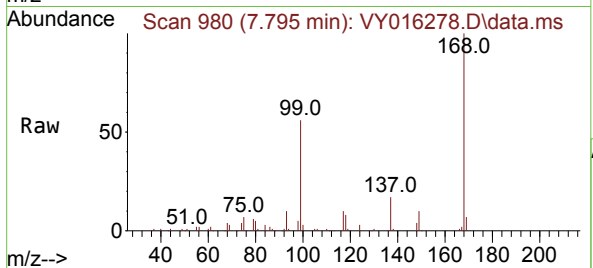
Tgt Ion: 43 Resp: 2009
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 0.0 7.1 10.7#



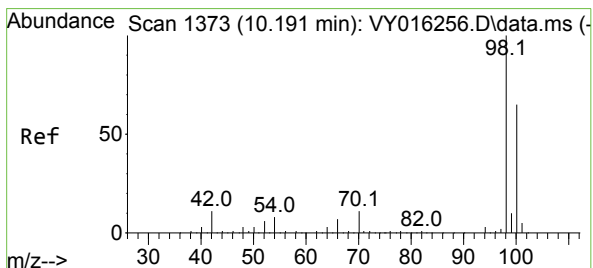
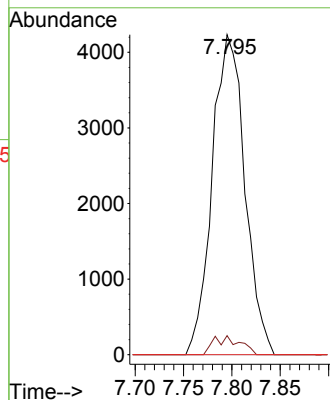
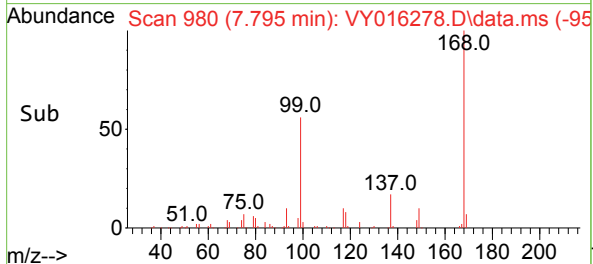


#38
Carbon Tetrachloride
Concen: 5.555 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :

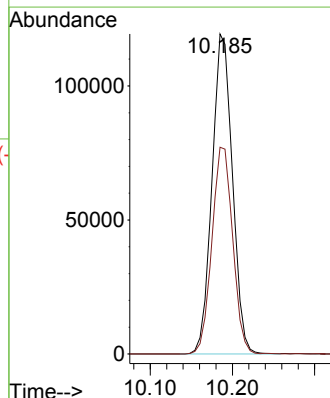
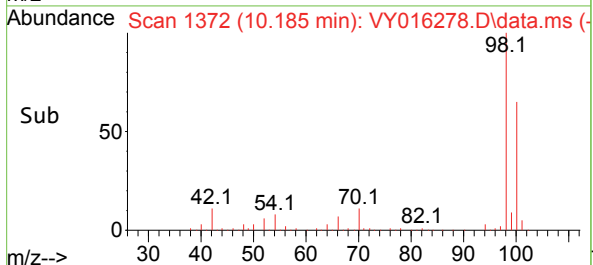
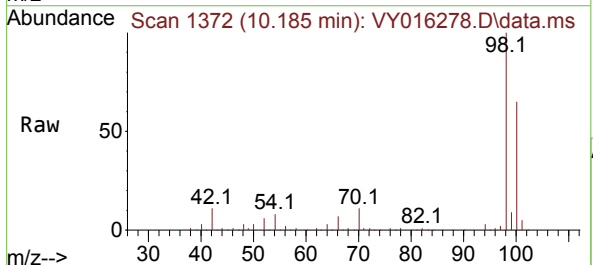


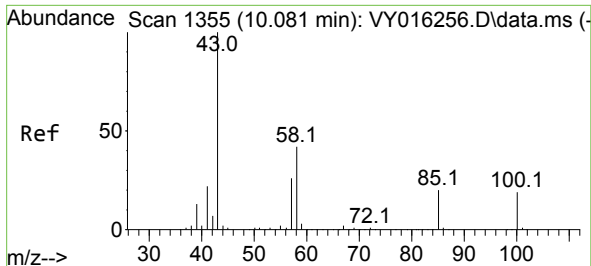
Tgt Ion:117 Resp: 9937
Ion Ratio Lower Upper
117 100
119 5.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.087 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

Tgt Ion: 98 Resp: 205623
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1

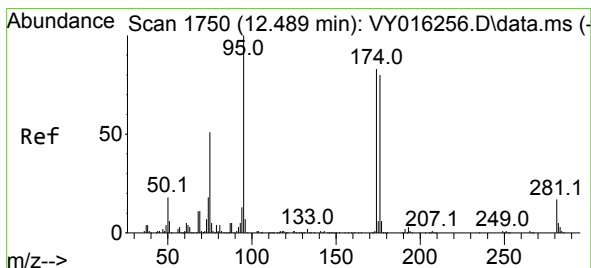
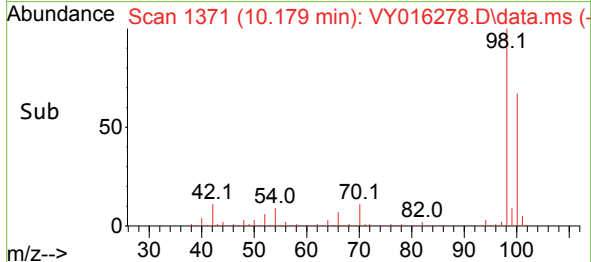
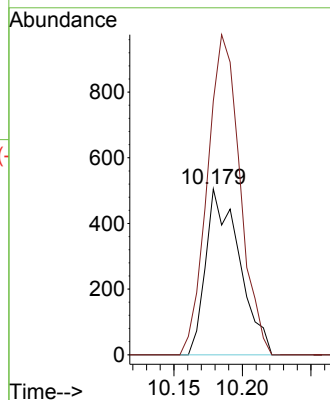
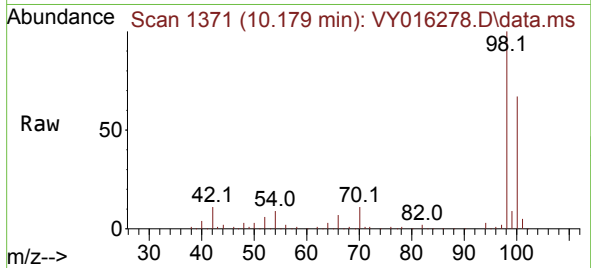




#51
4-Methyl-2-Pentanone
Concen: 1.263 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

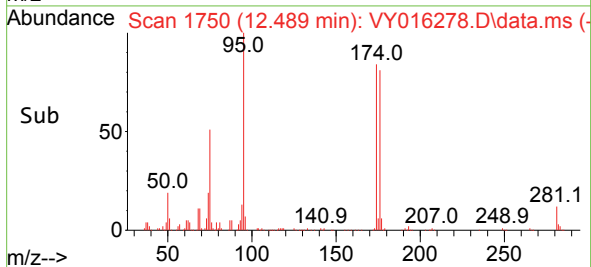
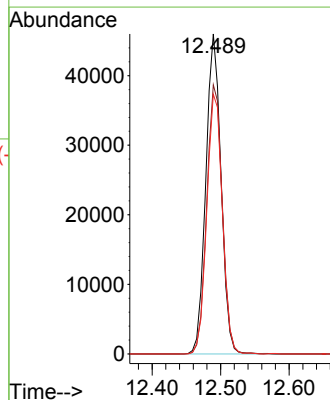
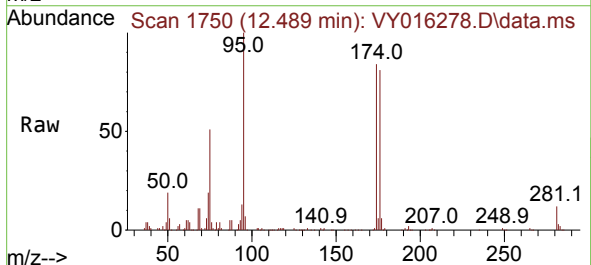
Instrument :
MSVOA_Y
ClientSampleId :

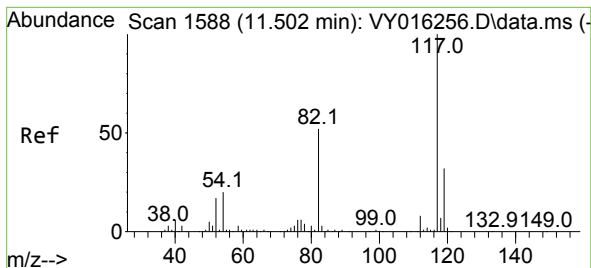
Tgt Ion: 43 Resp: 860
Ion Ratio Lower Upper
43 100
58 188.0 29.0 43.6#



#62
4-Bromofluorobenzene
Concen: 54.262 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

Tgt Ion: 95 Resp: 70933
Ion Ratio Lower Upper
95 100
174 86.4 0.0 178.2
176 83.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016278.D

Acq: 09 Nov 2023 13:50

Instrument :

MSVOA_Y

ClientSampleId :

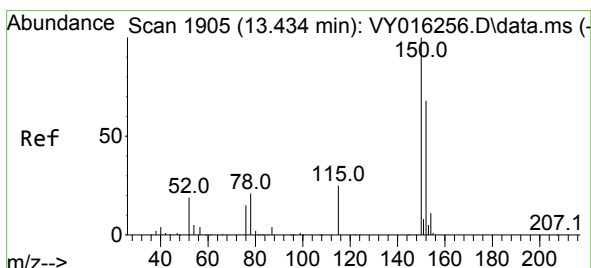
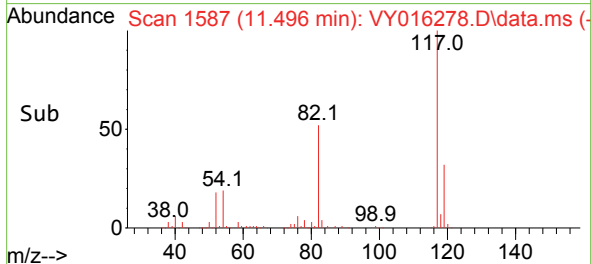
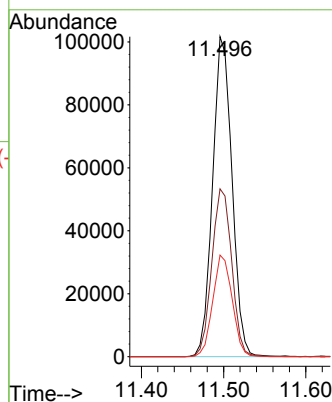
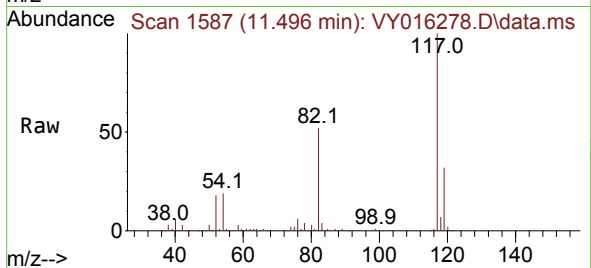
Tgt Ion:117 Resp: 167018

Ion Ratio Lower Upper

117 100

82 52.5 43.4 65.0

119 31.8 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: VY016278.D

Acq: 09 Nov 2023 13:50

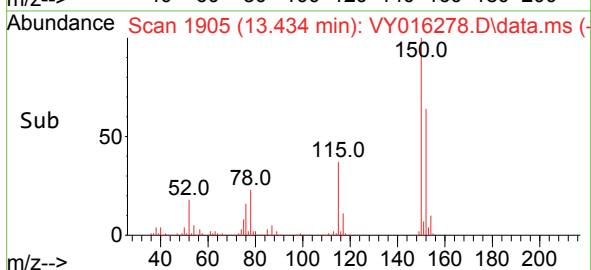
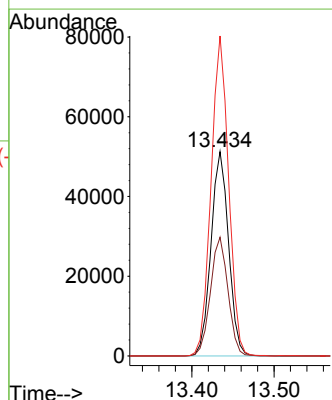
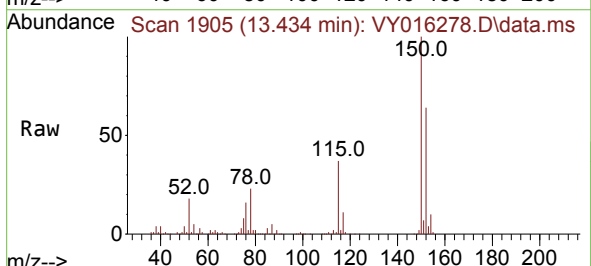
Tgt Ion:152 Resp: 76227

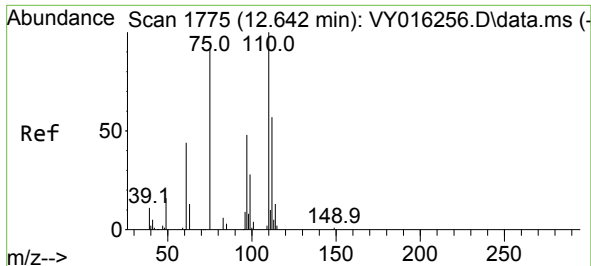
Ion Ratio Lower Upper

152 100

115 58.0 28.8 86.5

150 155.8 0.0 348.8

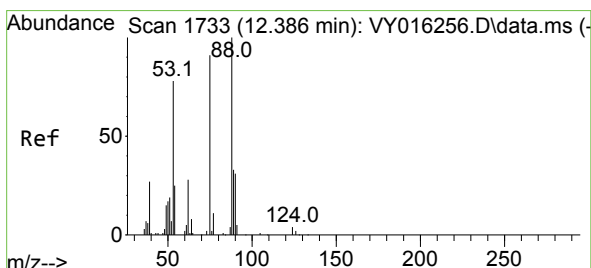
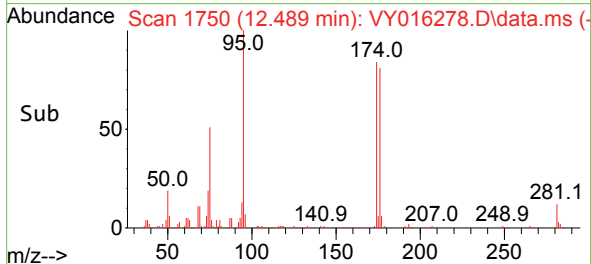
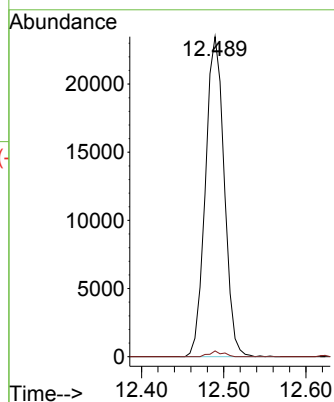
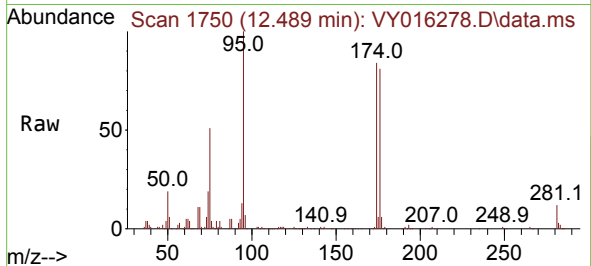




#76
1,2,3-Trichloropropane
Concen: 50.901 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.153 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 37221
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.486 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.103 min
Lab File: VY016278.D
Acq: 09 Nov 2023 13:50

Tgt Ion: 75 Resp: 37221
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

