

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110923\
 Data File : VY016286.D
 Acq On : 09 Nov 2023 16:57
 Operator : SY/MD
 Sample : 05311-10
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 09 23:01:17 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)

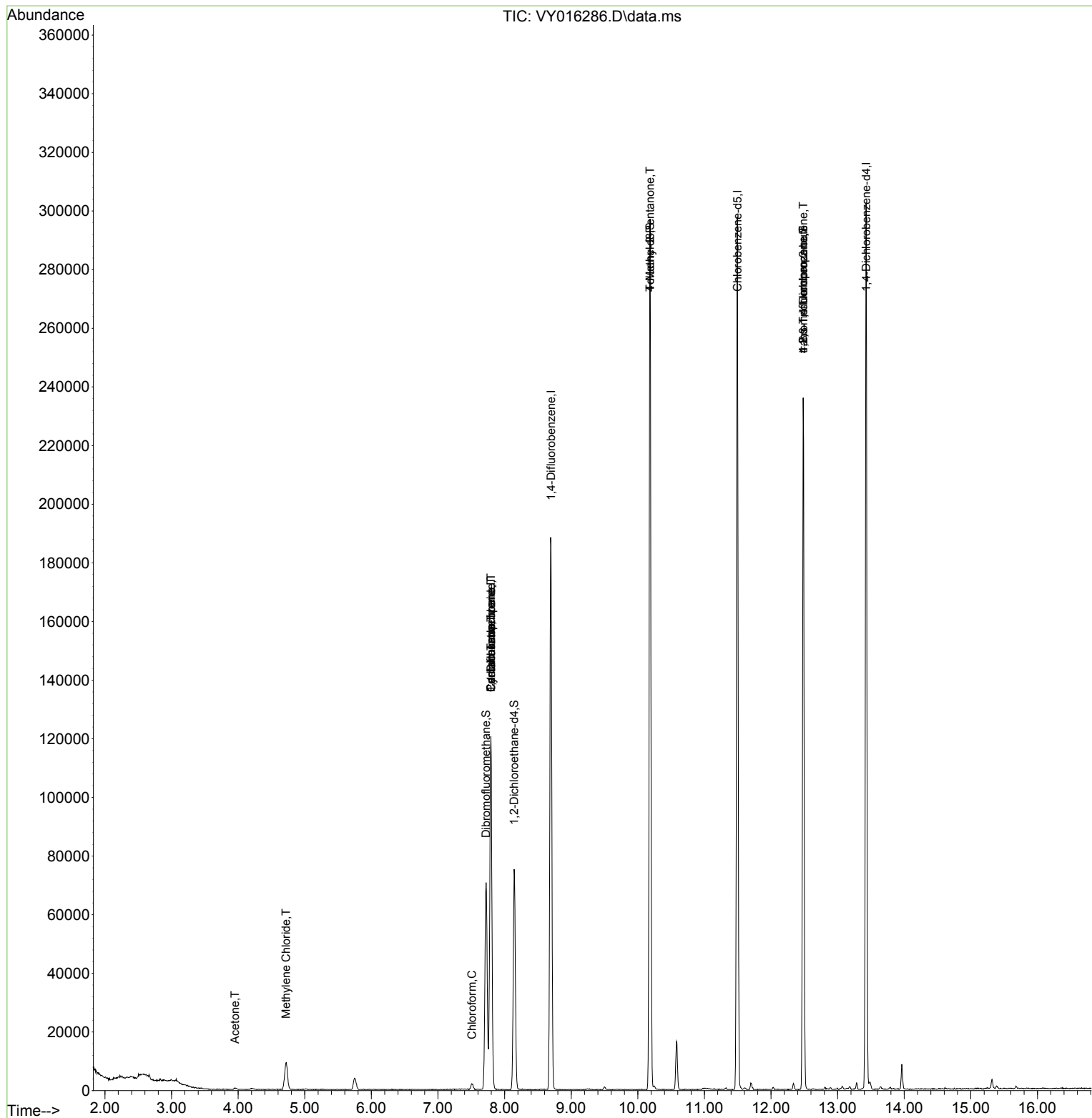
Internal Standards						
1) Pentafluorobenzene	7.795	168	94950	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	58833	67.795	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.600%	
35) Dibromofluoromethane	7.722	113	51366	52.936	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.880%	
50) Toluene-d8	10.185	98	200054	50.841	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.680%	
62) 4-Bromofluorobenzene	12.483	95	70604	55.246	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.500%	
Target Compounds						
16) Acetone	3.954	43	845	5.887	ug/l	Qvalue 98
20) Methylene Chloride	4.716	84	7426	4.130	ug/l #	77
30) Chloroform	7.508	83	2068	1.097	ug/l	96
31) Cyclohexane	7.795	56	1733	1.014	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7626	4.526	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9431	5.393	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	856	1.286	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	35814	48.275	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35814	104.785	ug/l #	10

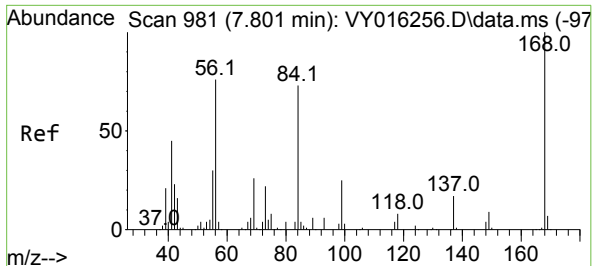
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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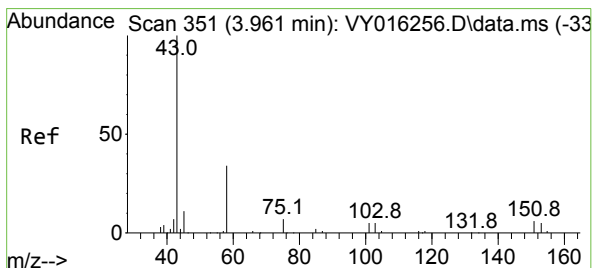
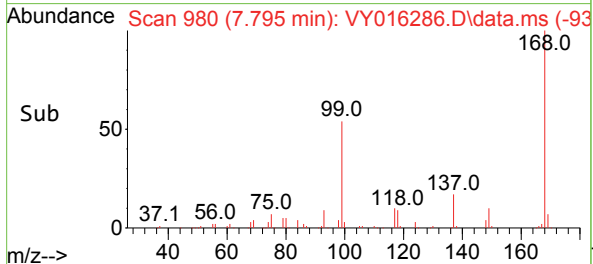
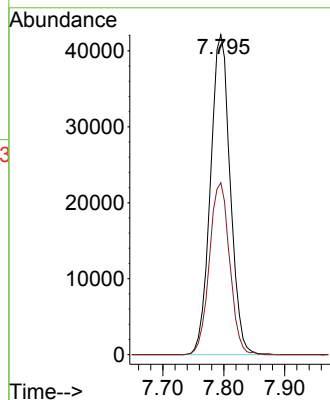
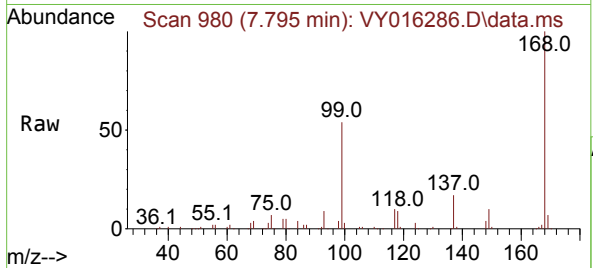




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57

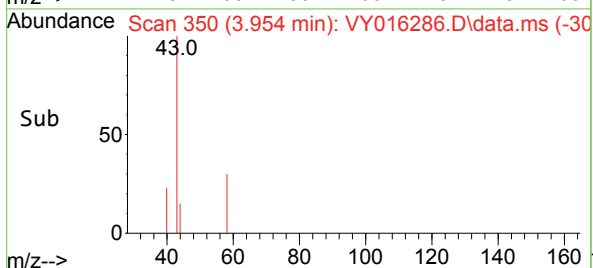
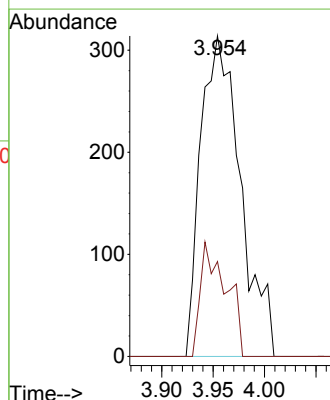
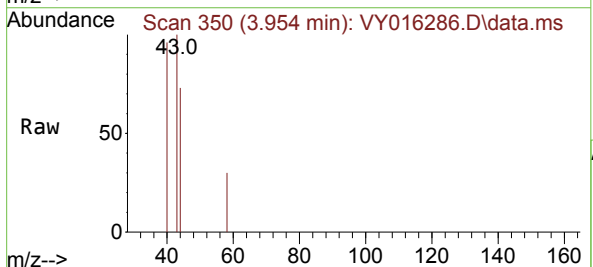
Instrument :
MSVOA_Y
ClientSampleId :

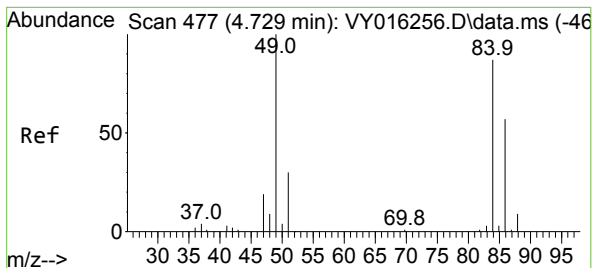
Tgt Ion:168 Resp: 94950
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#16
Acetone
Concen: 5.887 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57

Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 29.6 22.7 34.1





#20

Methylene Chloride

Concen: 4.130 ug/l

RT: 4.716 min Scan# 41

Delta R.T. -0.013 min

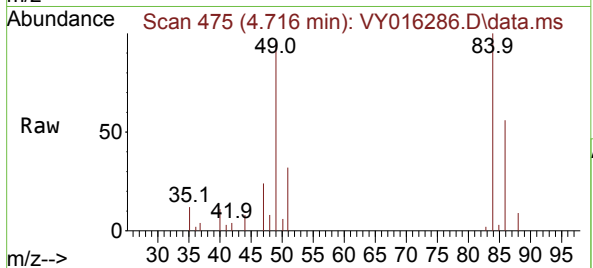
Lab File: VY016286.D

Acq: 09 Nov 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 7426

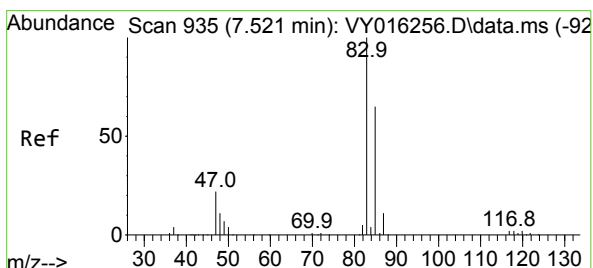
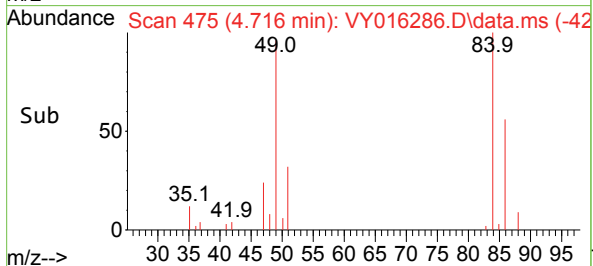
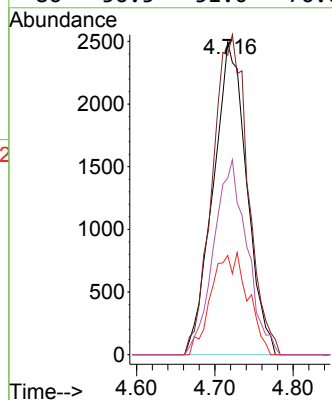
Ion Ratio Lower Upper

84 100

49 95.8 106.9 160.3#

51 31.7 33.2 49.8#

86 56.5 51.0 76.6



#30

Chloroform

Concen: 1.097 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.012 min

Lab File: VY016286.D

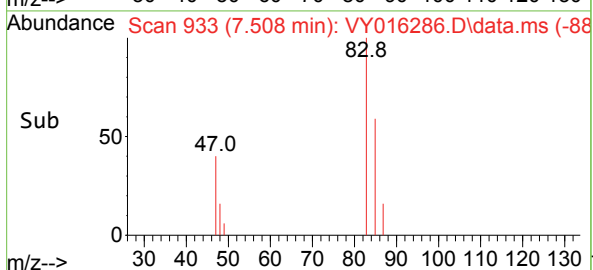
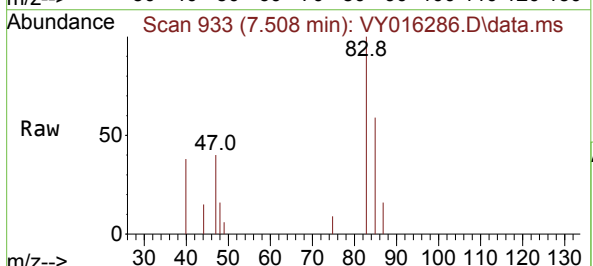
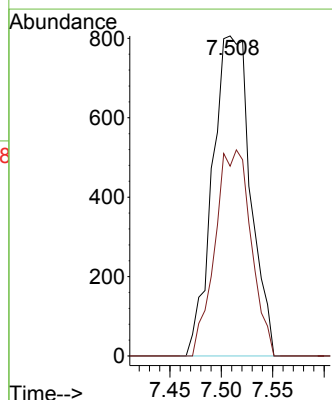
Acq: 09 Nov 2023 16:57

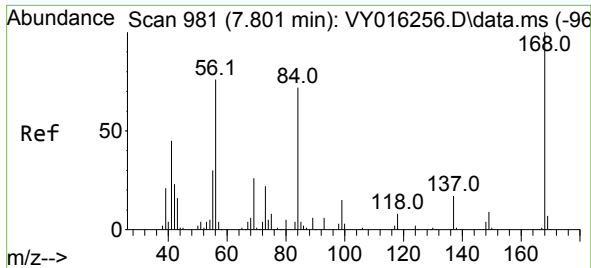
Tgt Ion: 83 Resp: 2068

Ion Ratio Lower Upper

83 100

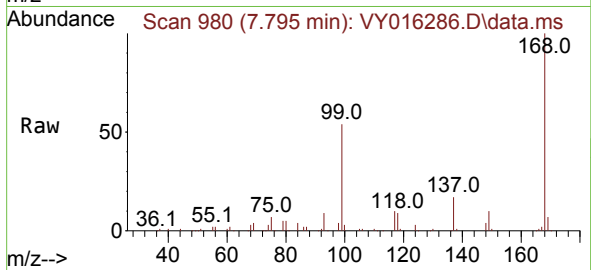
85 59.3 49.7 74.5



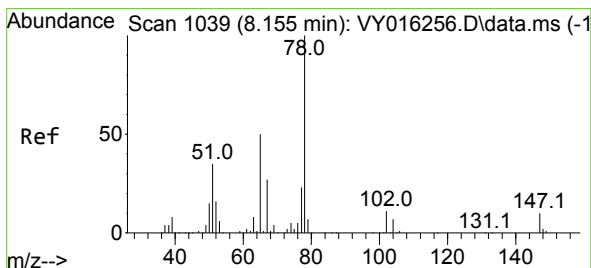
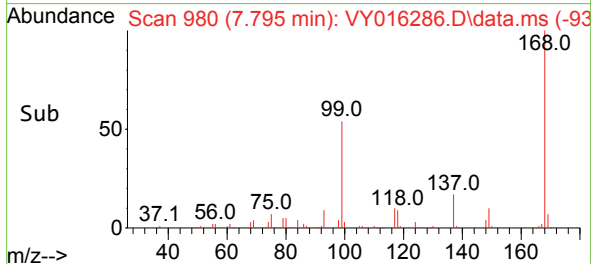
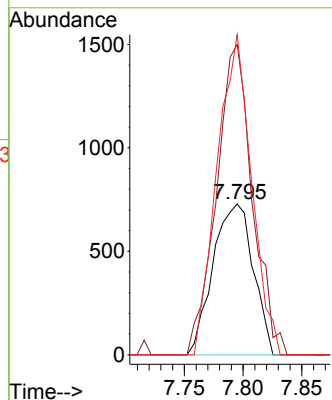


#31
Cyclohexane
Concen: 1.014 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57

Instrument :
MSVOA_Y
ClientSampleId :

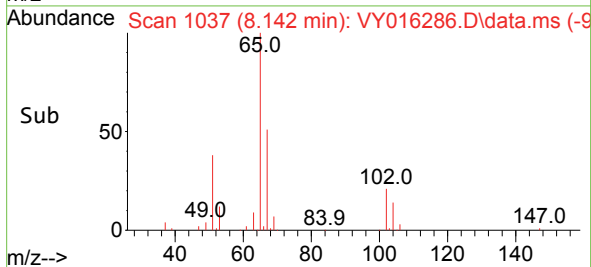
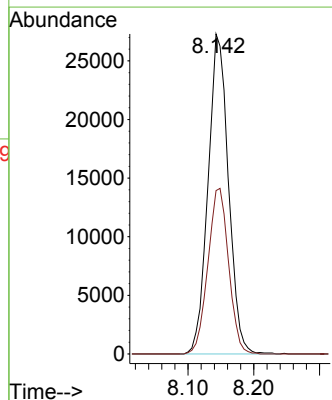
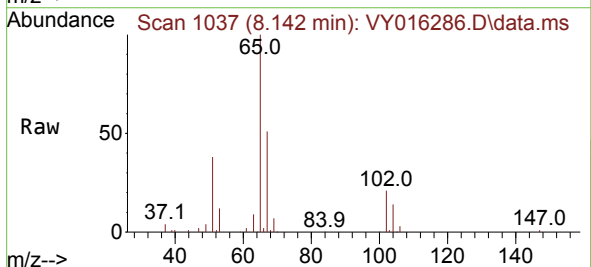


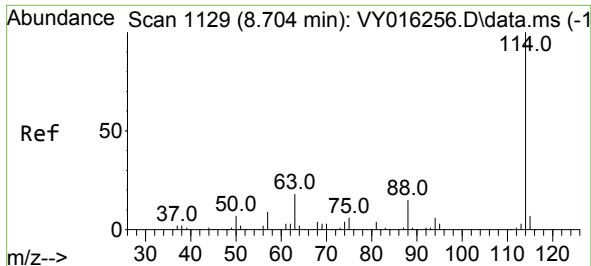
Tgt Ion: 56 Resp: 1733
Ion Ratio Lower Upper
56 100
69 205.6 27.8 41.6#
84 212.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 67.795 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57

Tgt Ion: 65 Resp: 58833
Ion Ratio Lower Upper
65 100
67 52.6 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: VY016286.D

Acq: 09 Nov 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

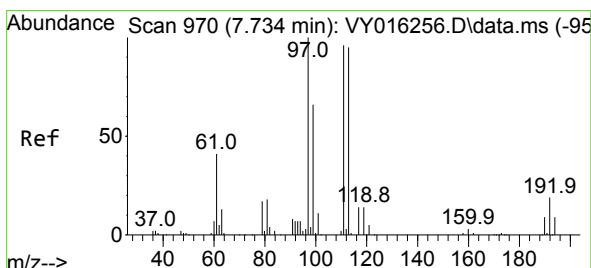
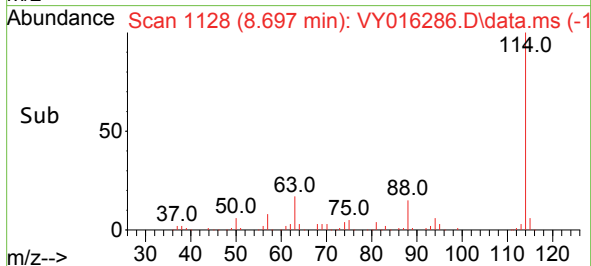
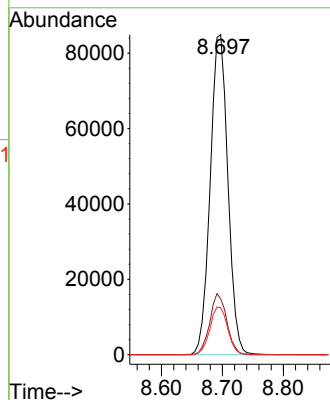
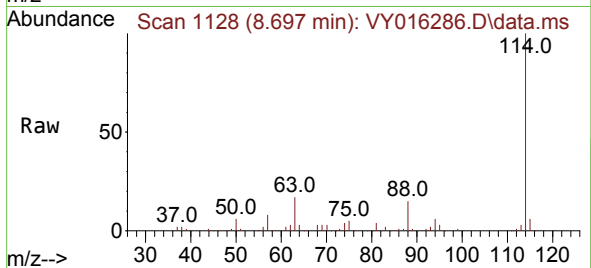
Tgt Ion:114 Resp: 170815

Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.936 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016286.D

Acq: 09 Nov 2023 16:57

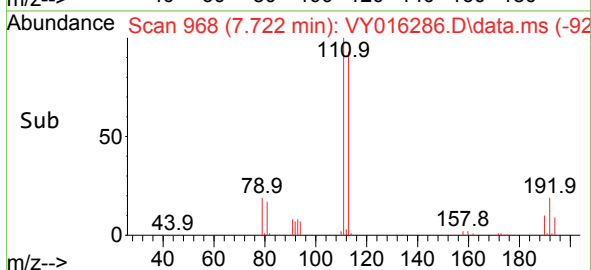
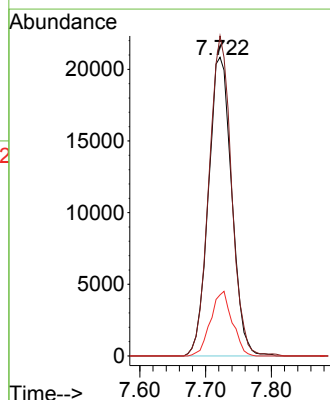
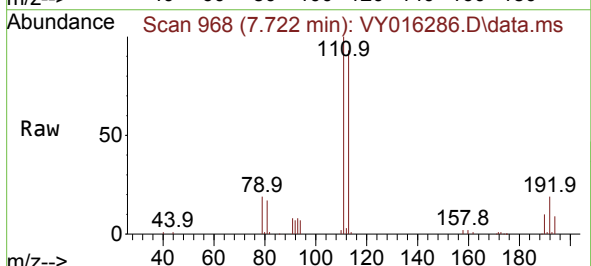
Tgt Ion:113 Resp: 51366

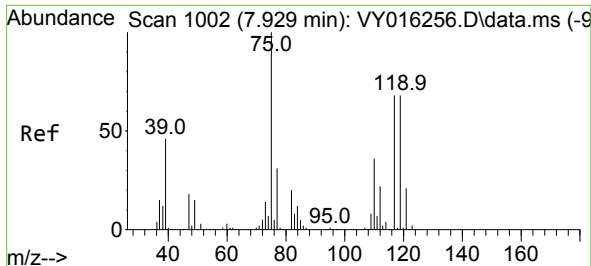
Ion Ratio Lower Upper

113 100

111 103.7 81.3 121.9

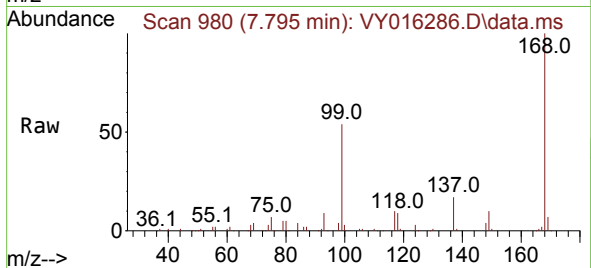
192 20.2 16.9 25.3



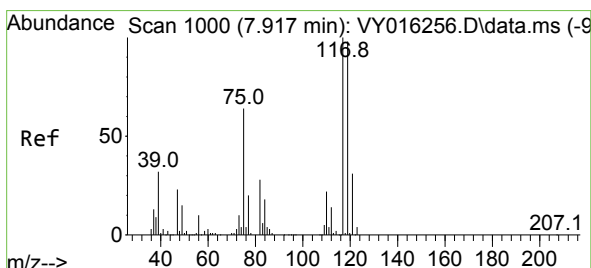
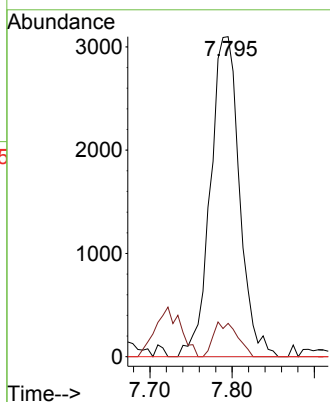
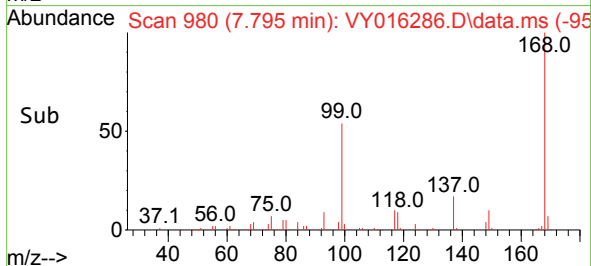


#36
1,1-Dichloropropene
Concen: 4.526 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57

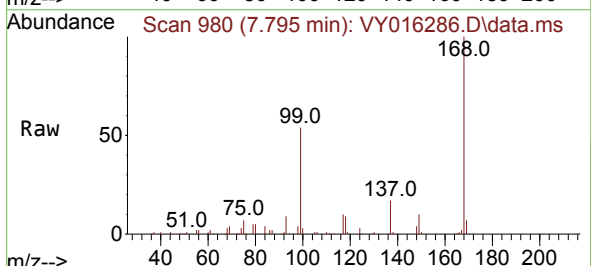
Instrument :
MSVOA_Y
ClientSampleId :



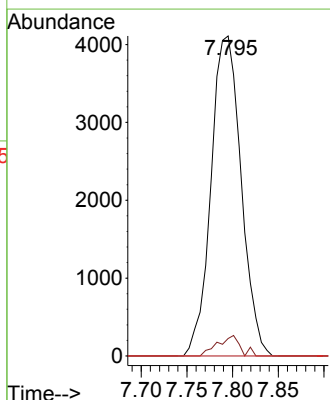
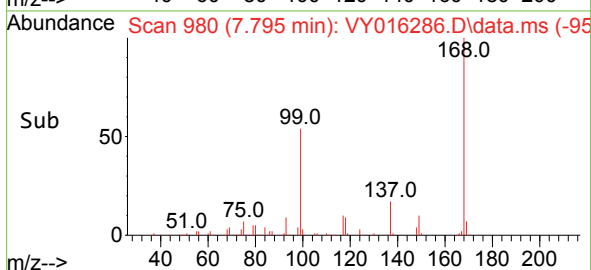
Tgt Ion: 75 Resp: 7626
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#

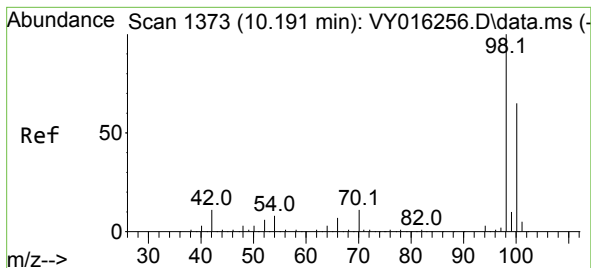


#38
Carbon Tetrachloride
Concen: 5.393 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57



Tgt Ion: 117 Resp: 9431
Ion Ratio Lower Upper
117 100
119 5.5 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 50.841 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016286.D

Acq: 09 Nov 2023 16:57

Instrument :

MSVOA_Y

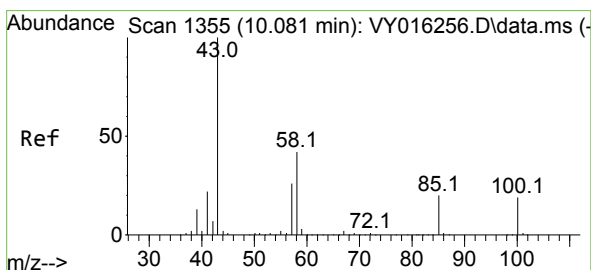
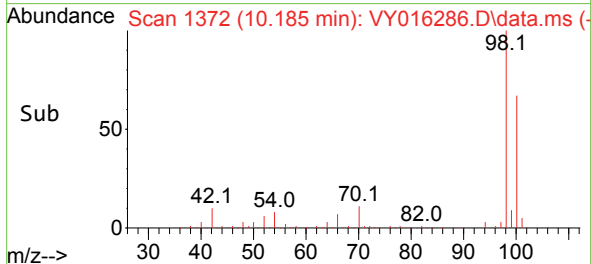
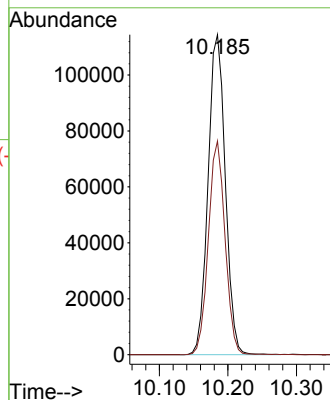
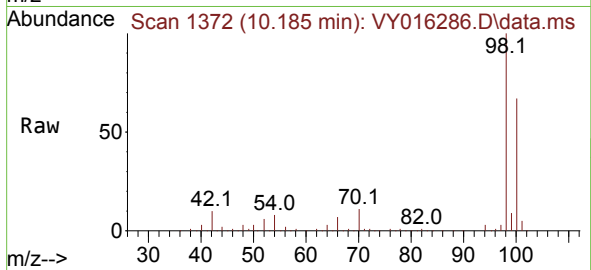
ClientSampleId :

Tgt Ion: 98 Resp: 200054

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.286 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.103 min

Lab File: VY016286.D

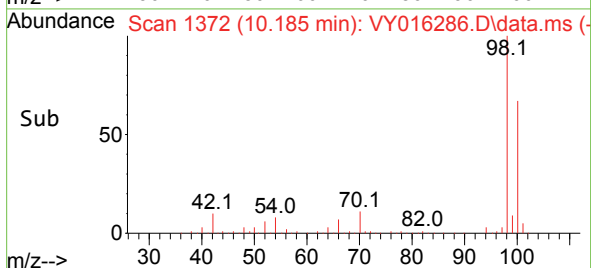
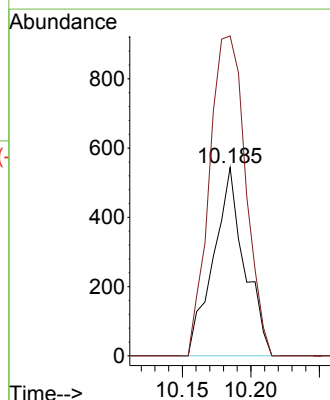
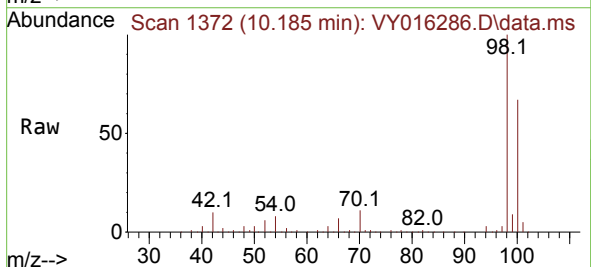
Acq: 09 Nov 2023 16:57

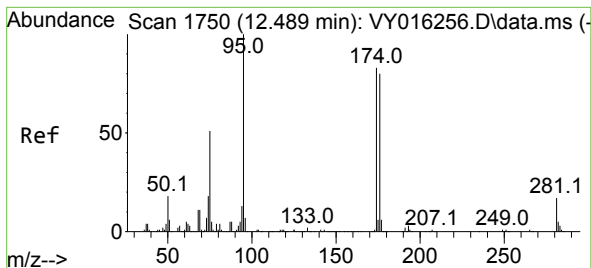
Tgt Ion: 43 Resp: 856

Ion Ratio Lower Upper

43 100

58 198.8 29.0 43.6#

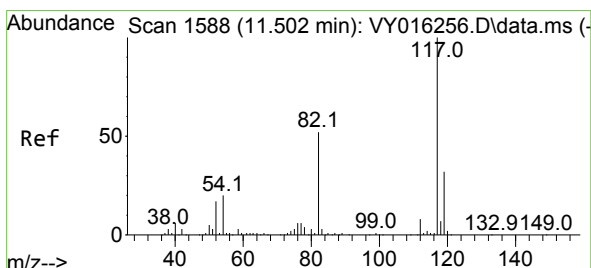
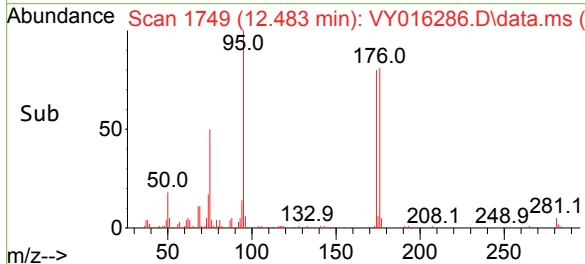
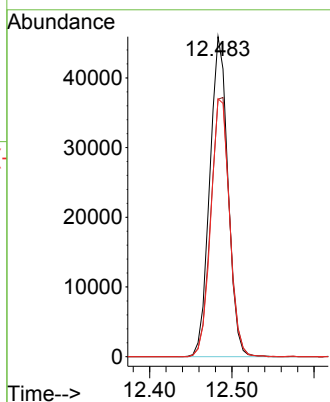
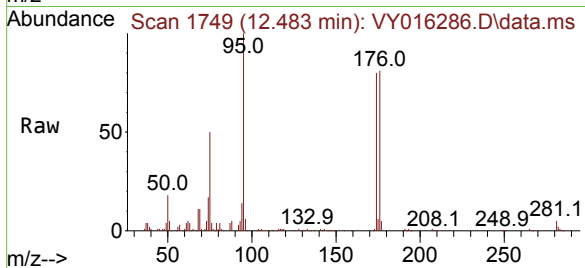




#62
4-Bromofluorobenzene
Concen: 55.246 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57

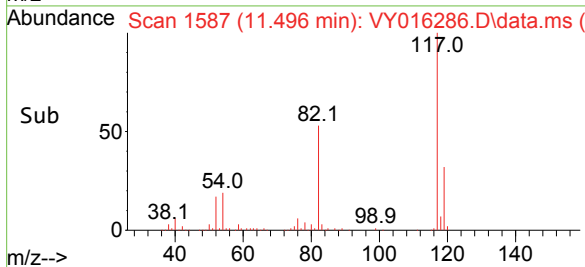
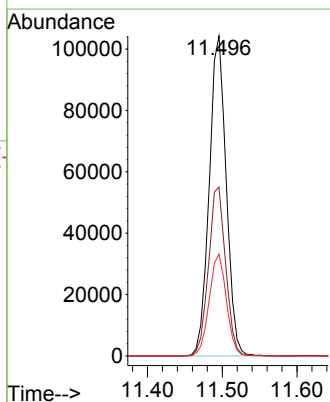
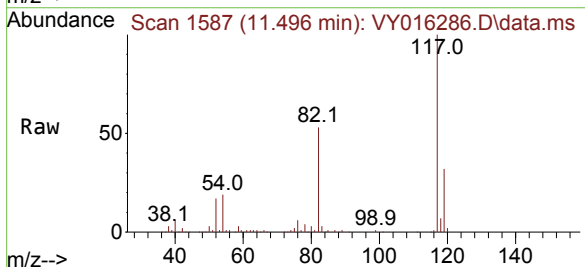
Instrument :
MSVOA_Y
ClientSampleId :

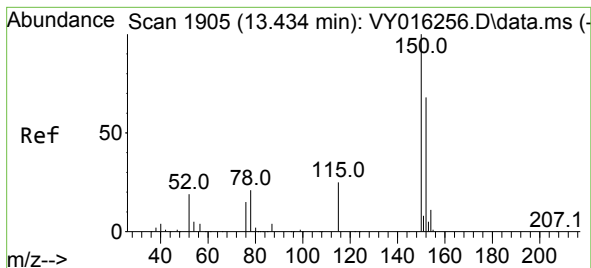
Tgt Ion: 95 Resp: 70604
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 82.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016286.D
Acq: 09 Nov 2023 16:57

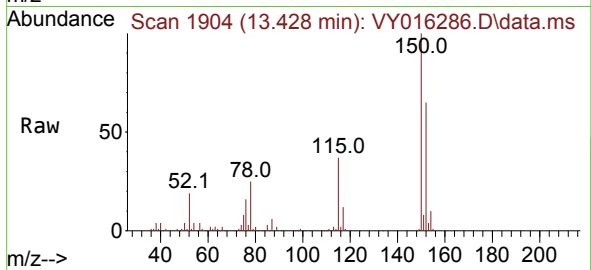
Tgt Ion: 117 Resp: 164548
Ion Ratio Lower Upper
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82 52.8 43.4 65.0
119 31.8 26.3 39.5



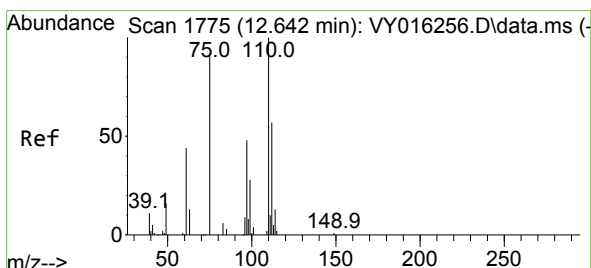
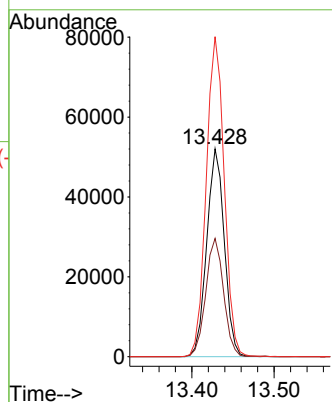
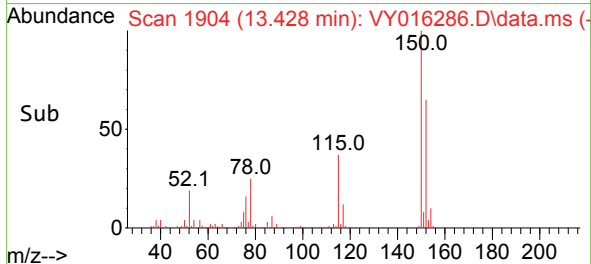


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY016286.D
 Acq: 09 Nov 2023 16:57

Instrument :
 MSVOA_Y
 ClientSampleId :

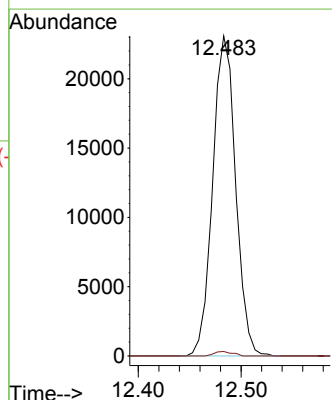
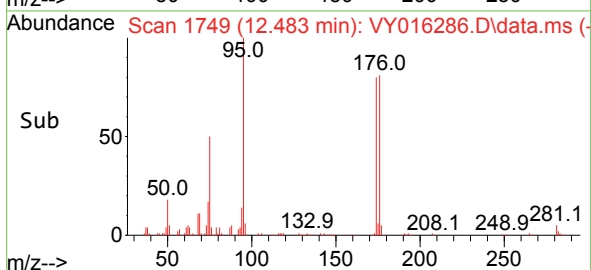
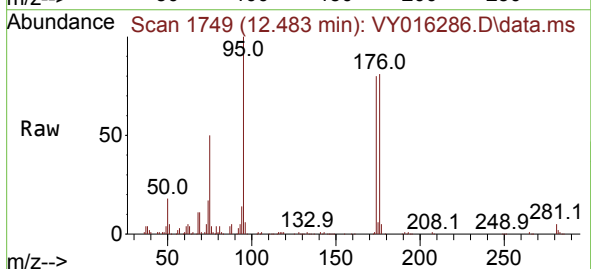


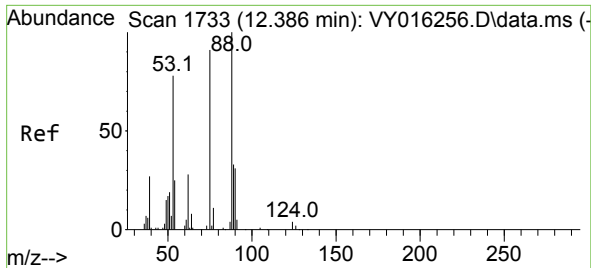
Tgt Ion:152 Resp: 77336
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.8 86.5
 150 157.5 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 48.275 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.159 min
 Lab File: VY016286.D
 Acq: 09 Nov 2023 16:57

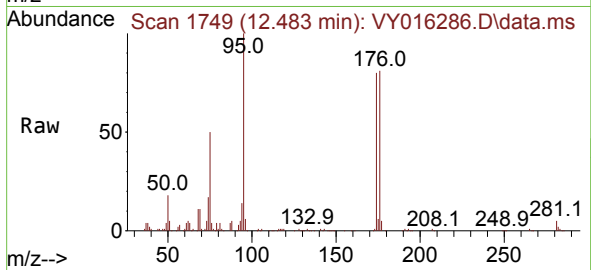
Tgt Ion: 75 Resp: 35814
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 104.785 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY016286.D
 Acq: 09 Nov 2023 16:57

Instrument :
 MSVOA_Y
 ClientSampleId :



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

