

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016366.D
 Acq On : 15 Nov 2023 15:11
 Operator : SY/MD
 Sample : 05425-03
 Misc : 6.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:05:04 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)

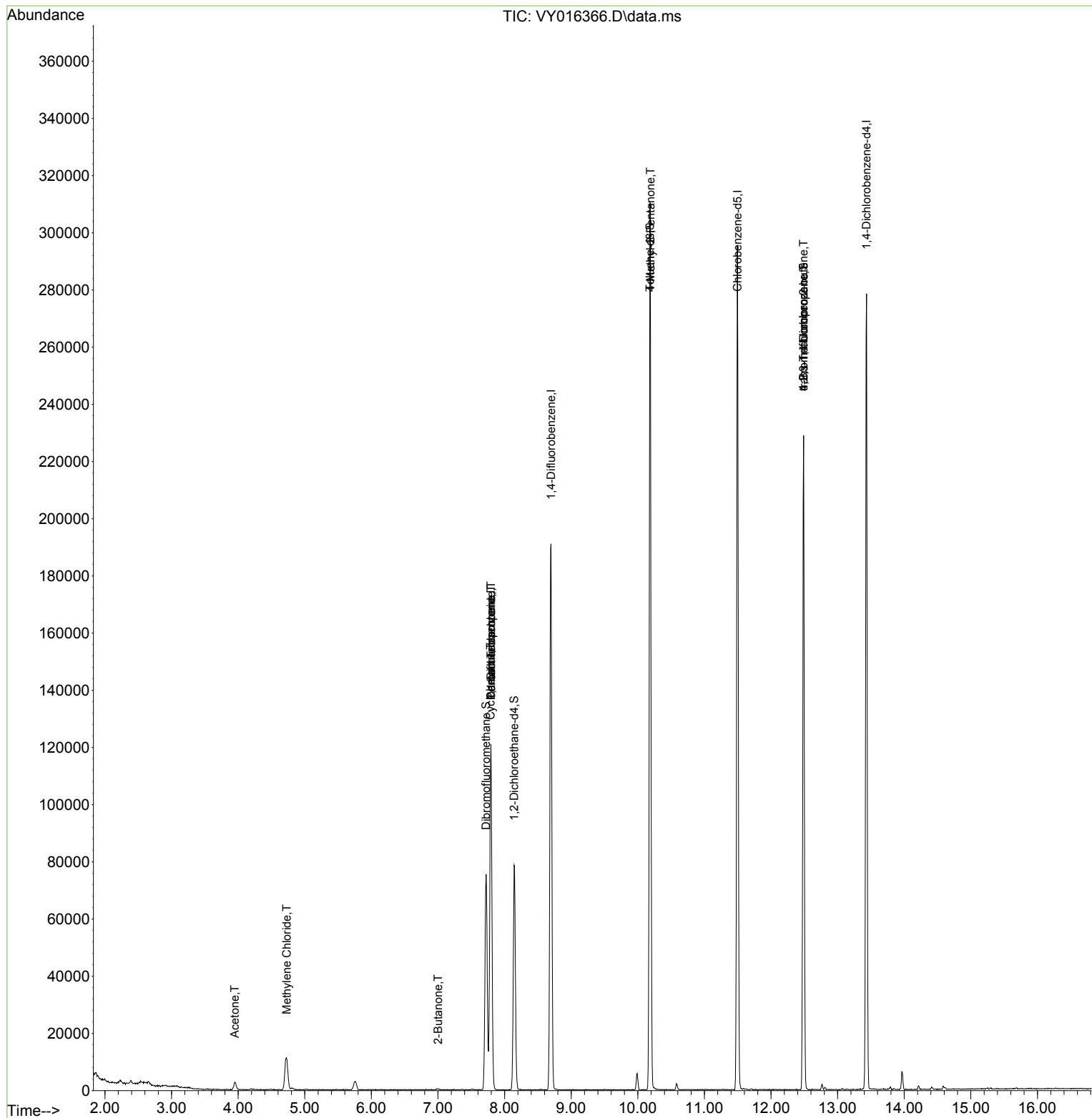
Internal Standards						
1) Pentafluorobenzene	7.795	168	95136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	170625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61187	70.370	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 140.740%	
35) Dibromofluoromethane	7.722	113	54143	55.860	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.720%	
50) Toluene-d8	10.185	98	203524	51.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	12.489	95	68269	53.478	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.960%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	4625	32.157	ug/l	92
20) Methylene Chloride	4.729	84	9433	6.237	ug/l #	84
25) 2-Butanone	7.003	43	617	2.449	ug/l	99
31) Cyclohexane	7.789	56	1827	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7131	4.237	ug/l #	50
38) Carbon Tetrachloride	7.795	117	9570	5.479	ug/l #	16
51) 4-Methyl-2-Pentanone	10.191	43	820	1.234	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	35021	49.096	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	35021	106.567	ug/l #	10

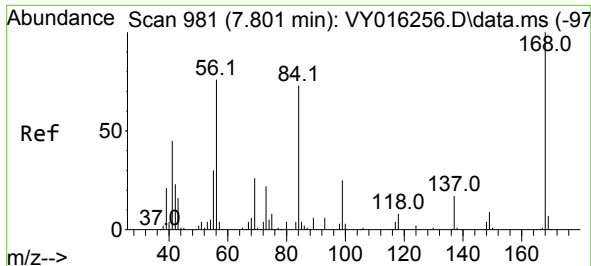
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
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Quant Time: Nov 16 00:05:04 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

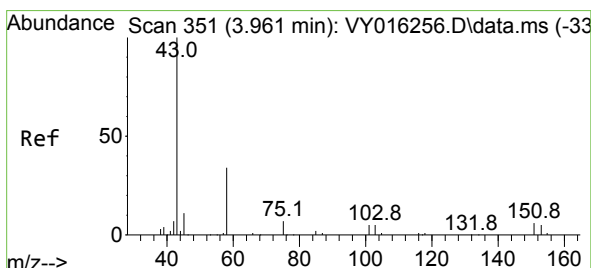
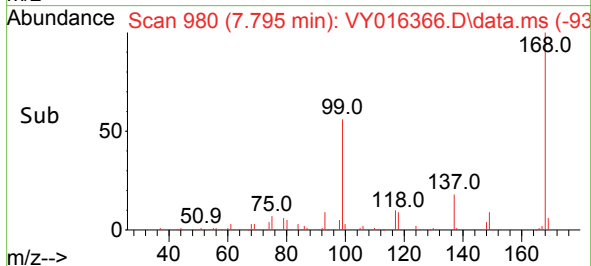
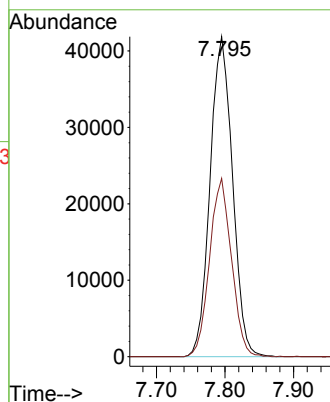
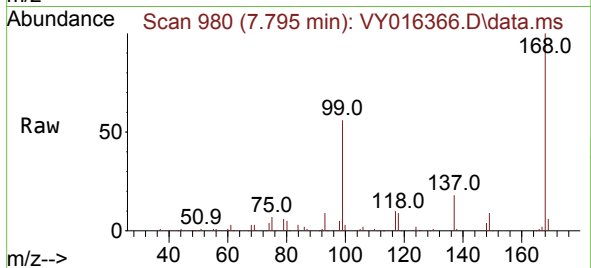




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016366.D
Acq: 15 Nov 2023 15:11

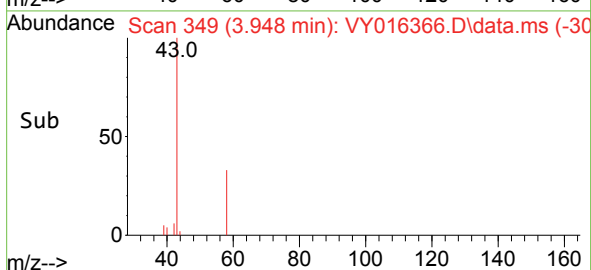
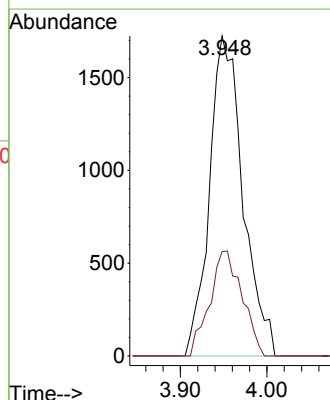
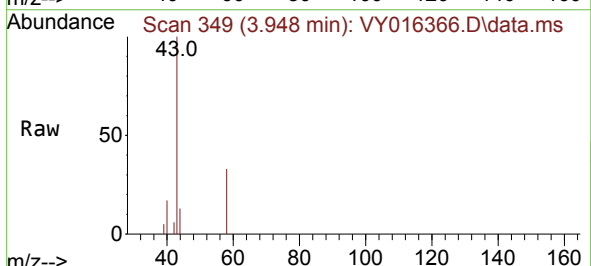
Instrument :
MSVOA_Y
ClientSampleId :

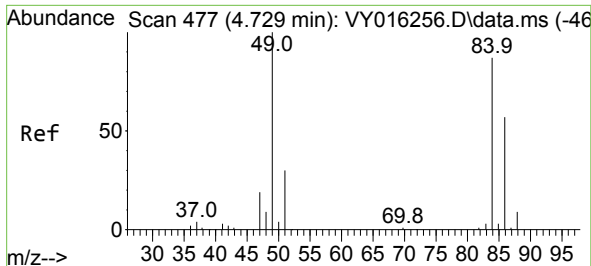
Tgt Ion:168 Resp: 95136
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#16
Acetone
Concen: 32.157 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016366.D
Acq: 15 Nov 2023 15:11

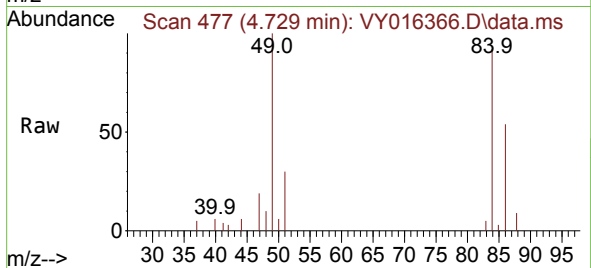
Tgt Ion: 43 Resp: 4625
Ion Ratio Lower Upper
43 100
58 32.6 22.7 34.1





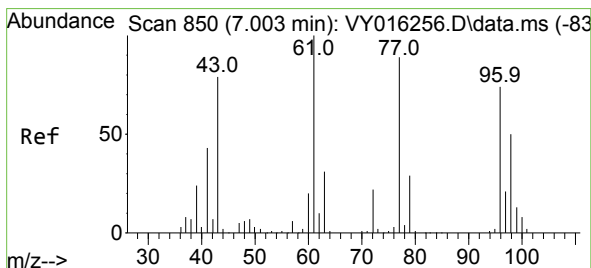
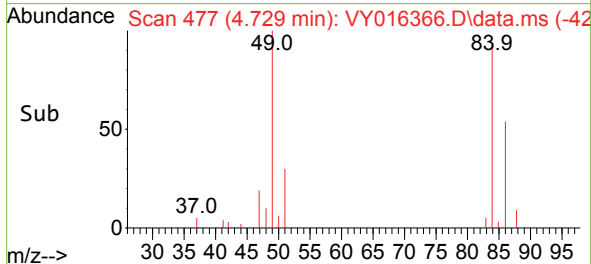
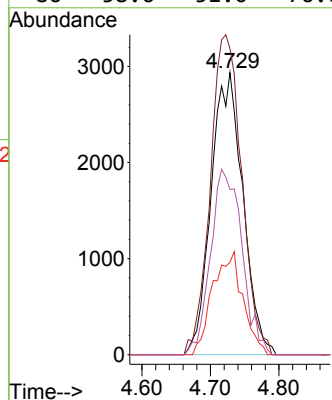
#20
Methylene Chloride
Concen: 6.237 ug/l
RT: 4.729 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY016366.D
Acq: 15 Nov 2023 15:11

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 9433

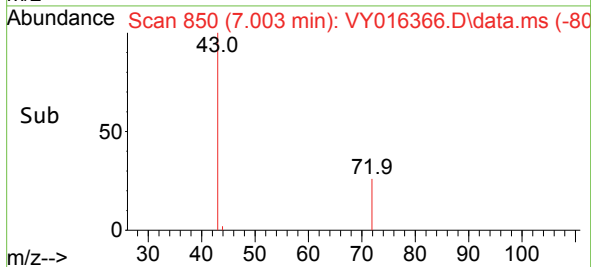
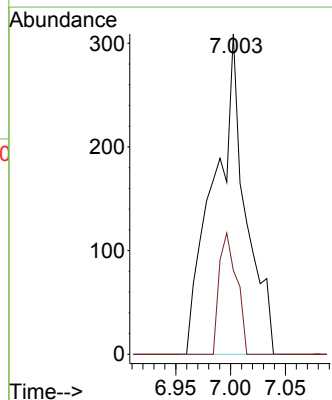
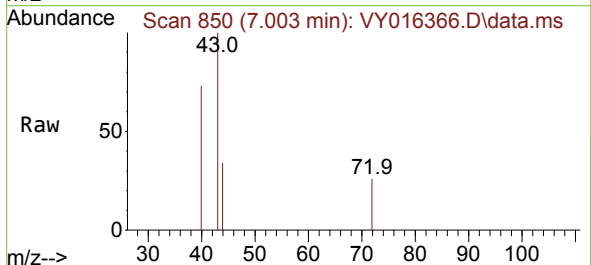
Ion	Ratio	Lower	Upper
84	100		
49	108.5	106.9	160.3
51	32.8	33.2	49.8#
86	58.6	51.0	76.6

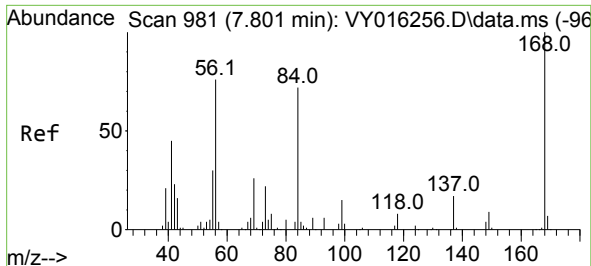


#25
2-Butanone
Concen: 2.449 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY016366.D
Acq: 15 Nov 2023 15:11

Tgt Ion: 43 Resp: 617

Ion	Ratio	Lower	Upper
43	100		
72	26.2	20.5	30.7

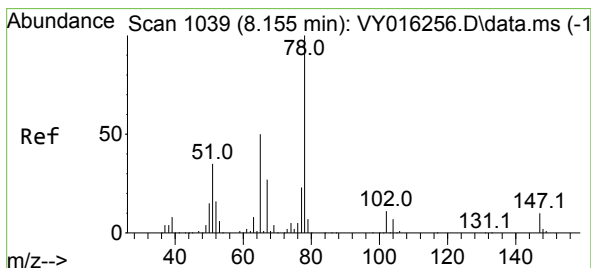
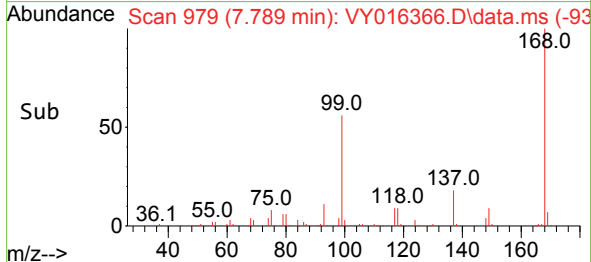
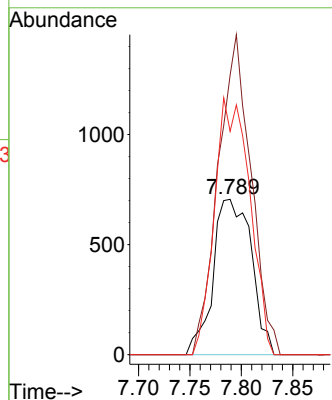
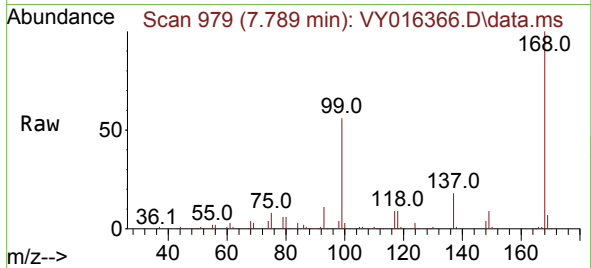




#31
Cyclohexane
Concen: 1.067 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016366.D
Acq: 15 Nov 2023 15:11

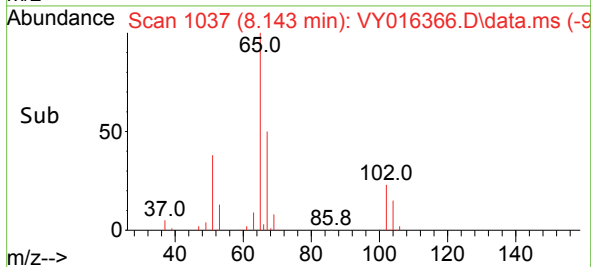
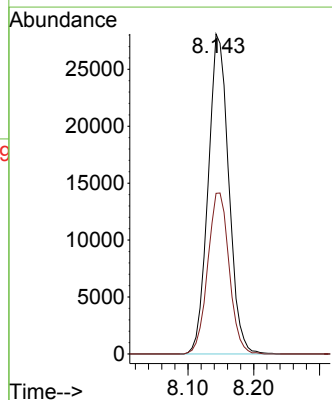
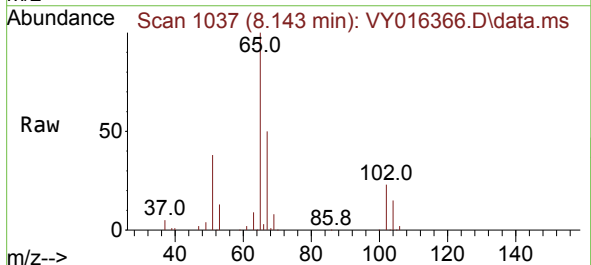
Instrument :
MSVOA_Y
ClientSampleId :

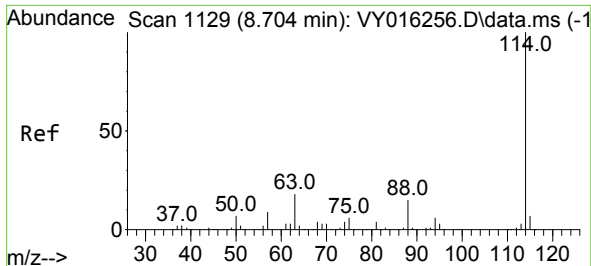
Tgt Ion: 56 Resp: 1827
Ion Ratio Lower Upper
56 100
69 179.9 27.8 41.6#
84 143.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 70.370 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY016366.D
Acq: 15 Nov 2023 15:11

Tgt Ion: 65 Resp: 61187
Ion Ratio Lower Upper
65 100
67 52.3 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: VY016366.D

Acq: 15 Nov 2023 15:11

Instrument :

MSVOA_Y

ClientSampleId :

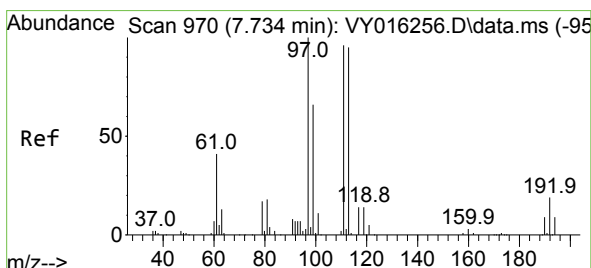
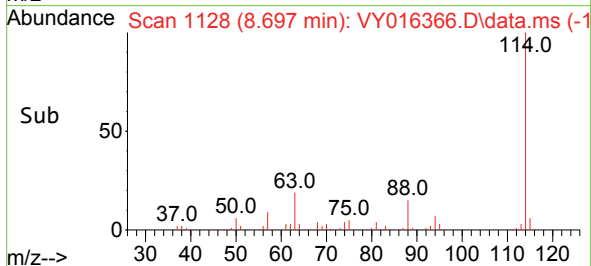
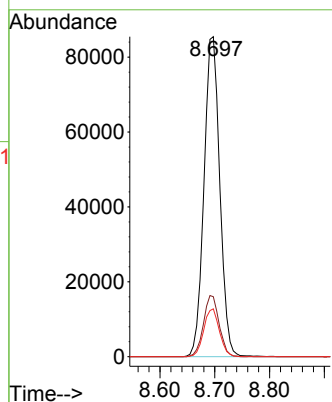
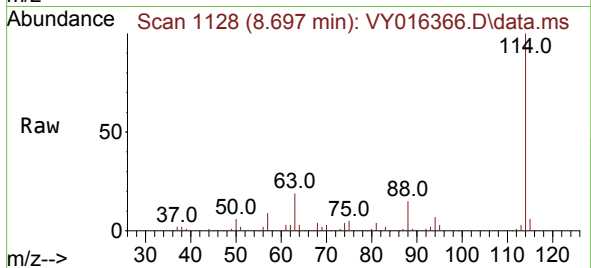
Tgt Ion:114 Resp: 170625

Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.860 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016366.D

Acq: 15 Nov 2023 15:11

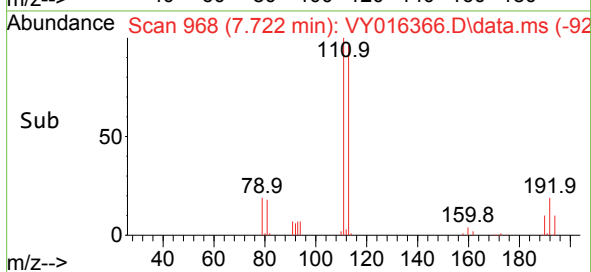
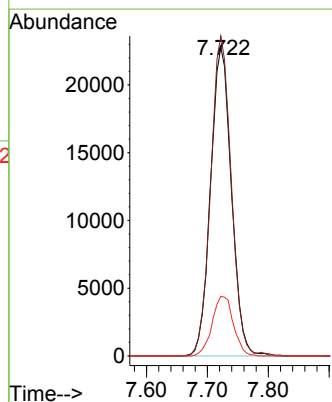
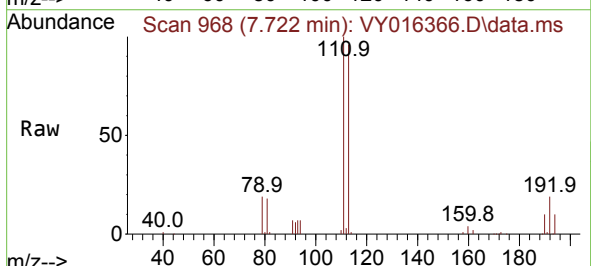
Tgt Ion:113 Resp: 54143

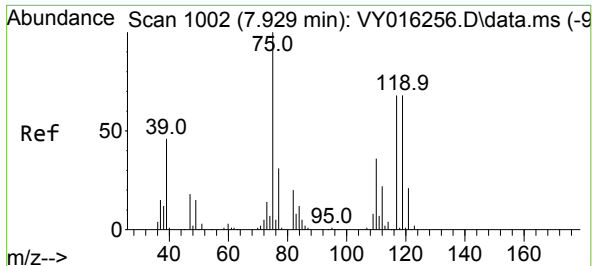
Ion Ratio Lower Upper

113 100

111 102.3 81.3 121.9

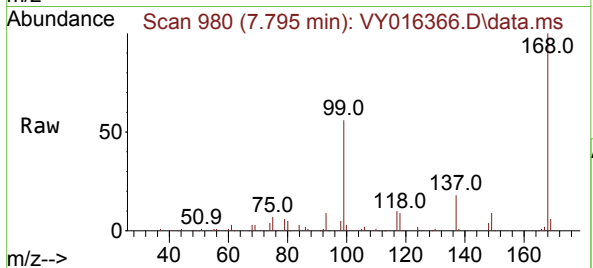
192 19.7 16.9 25.3



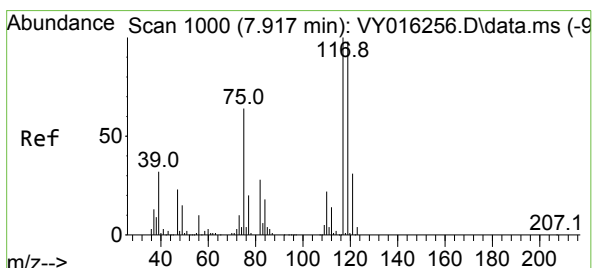
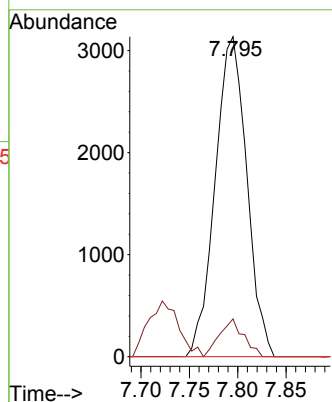
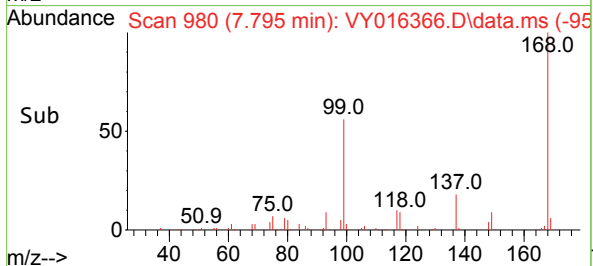


#36
1,1-Dichloropropene
Concen: 4.237 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY016366.D
Acq: 15 Nov 2023 15:11

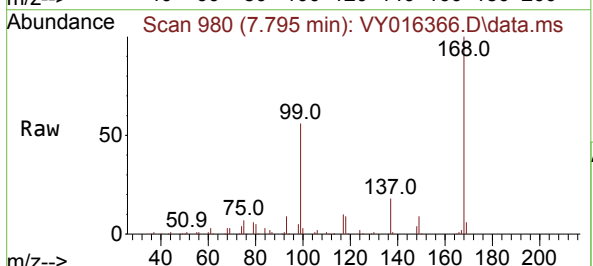
Instrument :
MSVOA_Y
ClientSampleId :



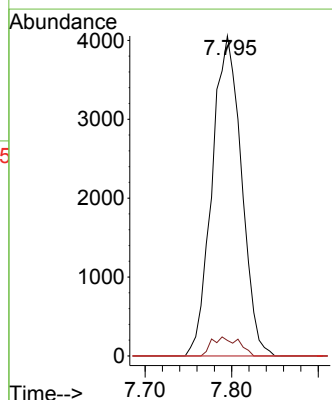
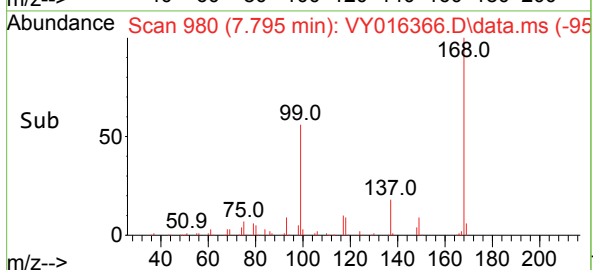
Tgt Ion: 75 Resp: 7131
Ion Ratio Lower Upper
75 100
110 9.0 17.8 53.5#
77 0.0 24.4 36.6#

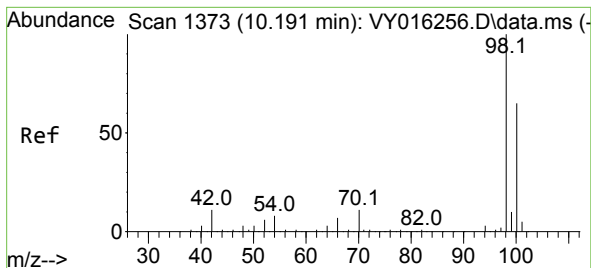


#38
Carbon Tetrachloride
Concen: 5.479 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY016366.D
Acq: 15 Nov 2023 15:11



Tgt Ion: 117 Resp: 9570
Ion Ratio Lower Upper
117 100
119 4.8 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 51.780 ug/l

RT: 10.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016366.D

Acq: 15 Nov 2023 15:11

Instrument :

MSVOA_Y

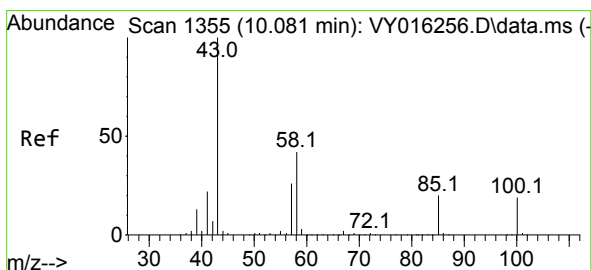
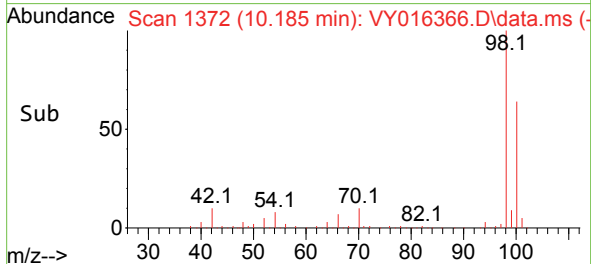
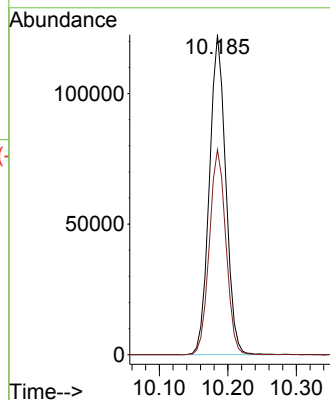
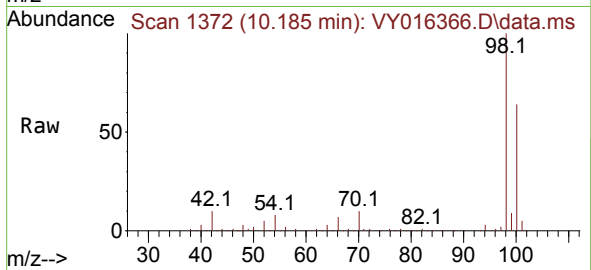
ClientSampleId :

Tgt Ion: 98 Resp: 203524

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1



#51

4-Methyl-2-Pentanone

Concen: 1.234 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.110 min

Lab File: VY016366.D

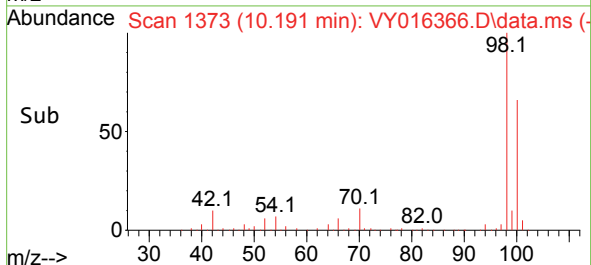
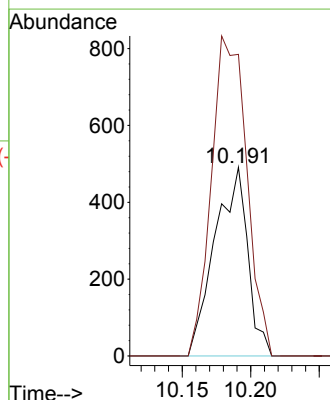
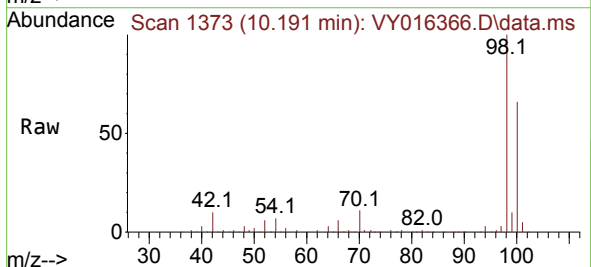
Acq: 15 Nov 2023 15:11

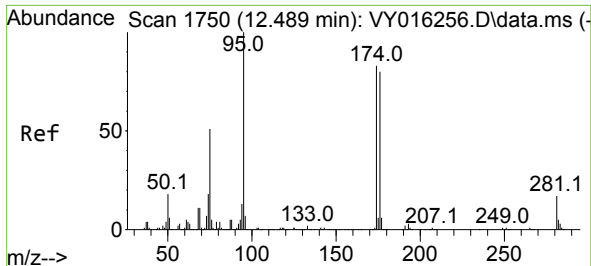
Tgt Ion: 43 Resp: 820

Ion Ratio Lower Upper

43 100

58 182.1 29.0 43.6#

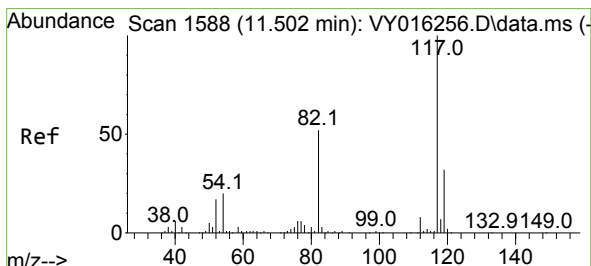
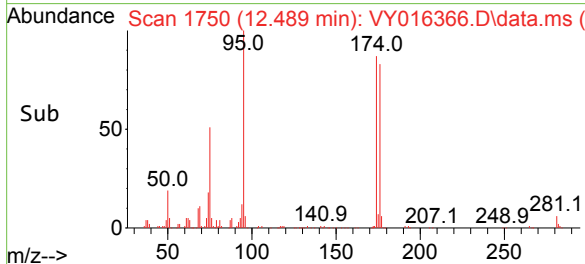
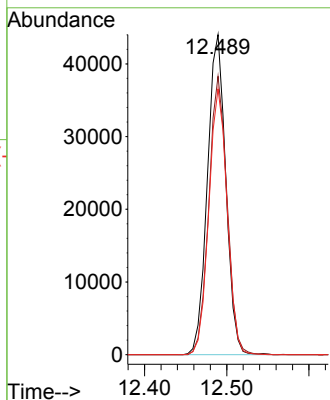
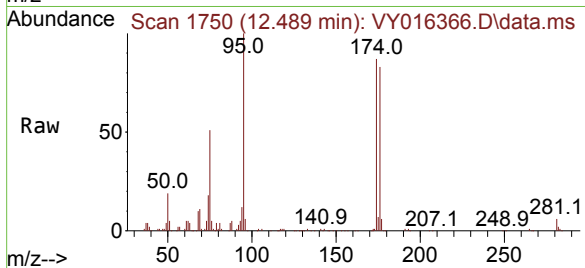




#62
4-Bromofluorobenzene
Concen: 53.478 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016366.D
Acq: 15 Nov 2023 15:11

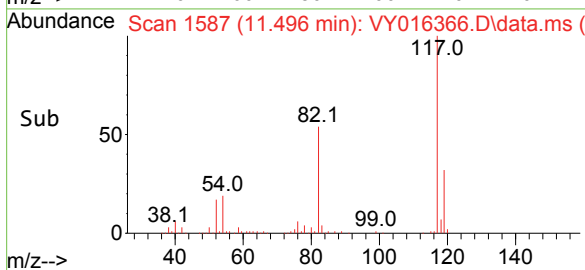
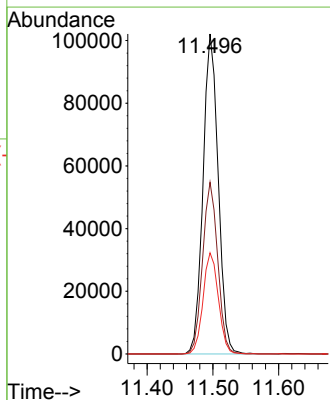
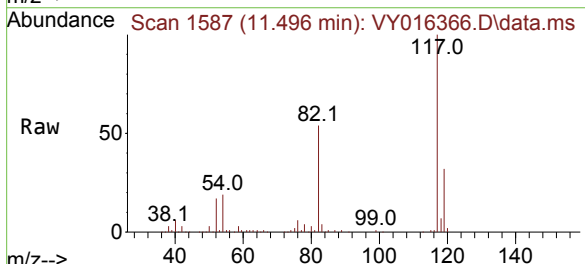
Instrument :
MSVOA_Y
ClientSampleId :

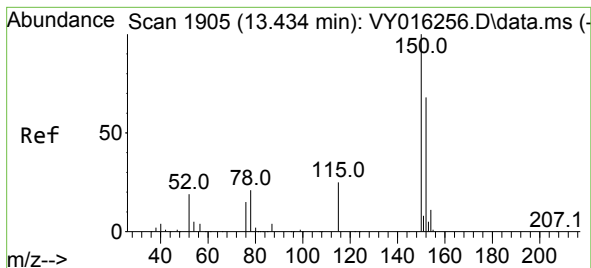
Tgt Ion: 95 Resp: 68269
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016366.D
Acq: 15 Nov 2023 15:11

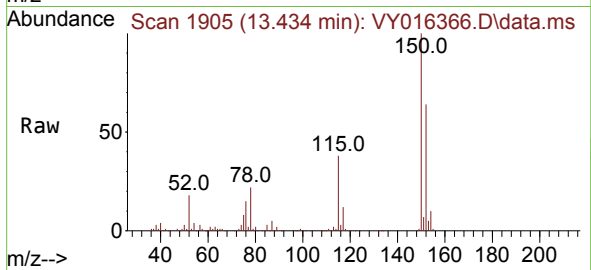
Tgt Ion: 117 Resp: 164098
Ion Ratio Lower Upper
117 100
82 53.6 43.4 65.0
119 31.6 26.3 39.5



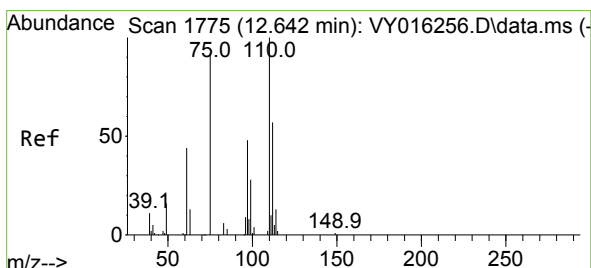
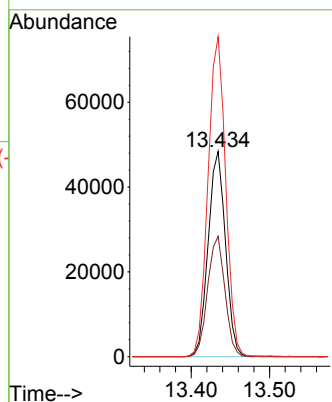
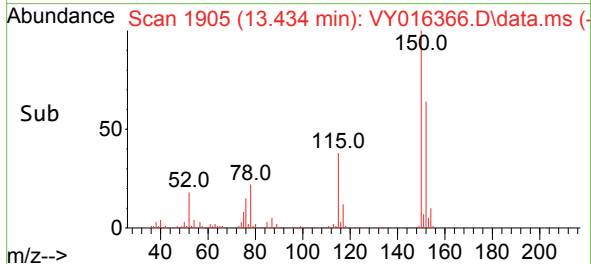


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. -0.000 min
 Lab File: VY016366.D
 Acq: 15 Nov 2023 15:11

Instrument :
 MSVOA_Y
 ClientSampleId :

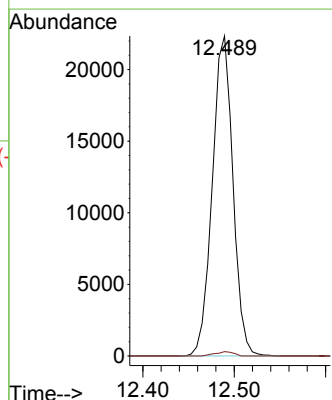
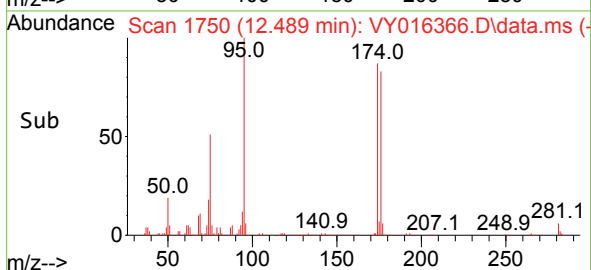
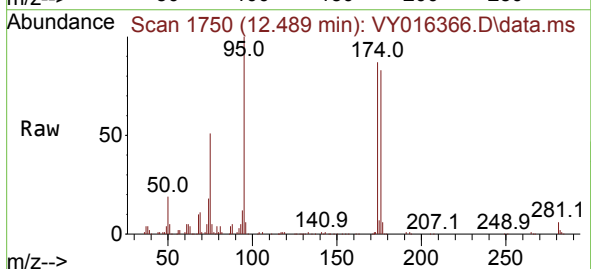


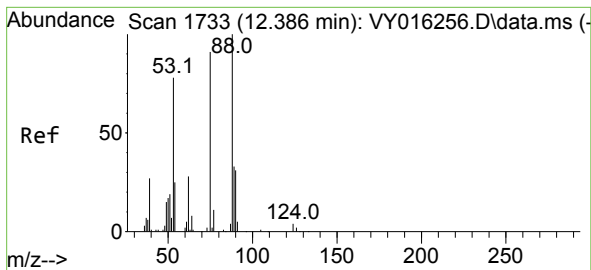
Tgt Ion:152 Resp: 74359
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.8 86.5
 150 158.6 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 49.096 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.153 min
 Lab File: VY016366.D
 Acq: 15 Nov 2023 15:11

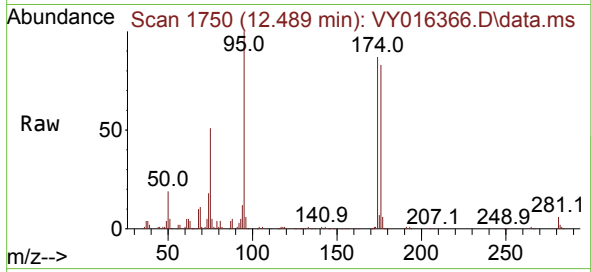
Tgt Ion: 75 Resp: 35021
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.567 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY016366.D
 Acq: 15 Nov 2023 15:11

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#

