

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016365.D
 Acq On : 15 Nov 2023 14:47
 Operator : SY/MD
 Sample : 05425-02
 Misc : 7.87g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 16 00:04:45 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)

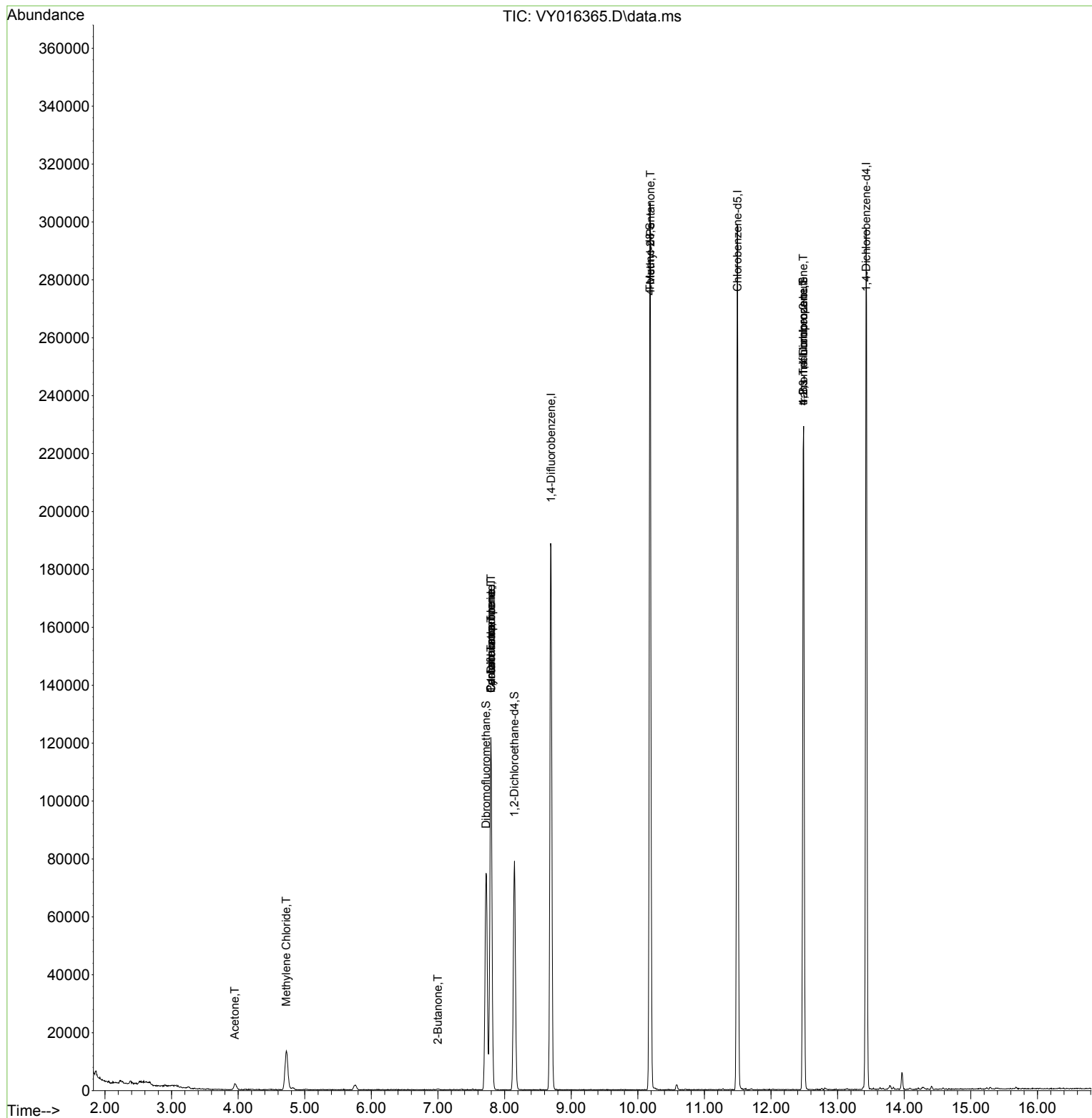
Internal Standards						
1) Pentafluorobenzene	7.795	168	95178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	169078	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	163560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76011	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	63281	72.746	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	145.500%
35) Dibromofluoromethane	7.722	113	54000	56.222	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.440%
50) Toluene-d8	10.185	98	199494	51.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.440%
62) 4-Bromofluorobenzene	12.483	95	69365	54.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.660%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3830	26.617	ug/l	90
20) Methylene Chloride	4.722	84	10772	7.649	ug/l	90
25) 2-Butanone	6.996	43	438	1.738	ug/l #	49
31) Cyclohexane	7.795	56	1768	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7054	4.230	ug/l #	45
38) Carbon Tetrachloride	7.795	117	9289	5.367	ug/l #	17
51) 4-Methyl-2-Pentanone	10.191	43	805	1.222	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	35916	49.256	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	35916	106.915	ug/l #	10

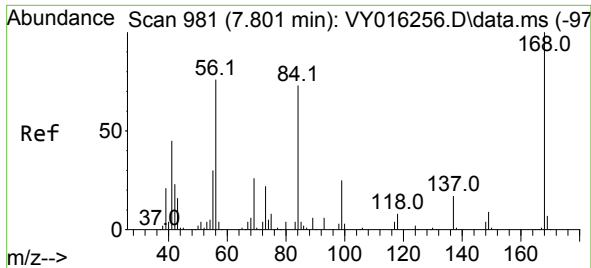
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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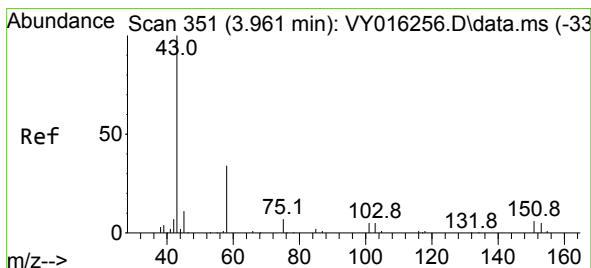
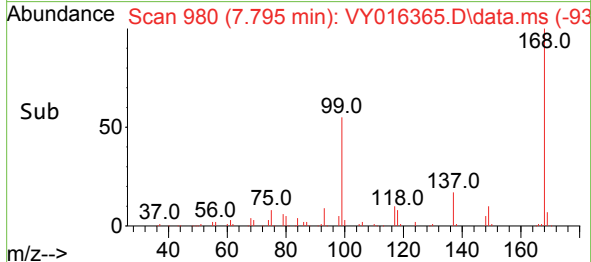
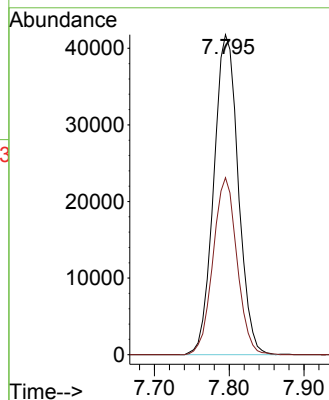
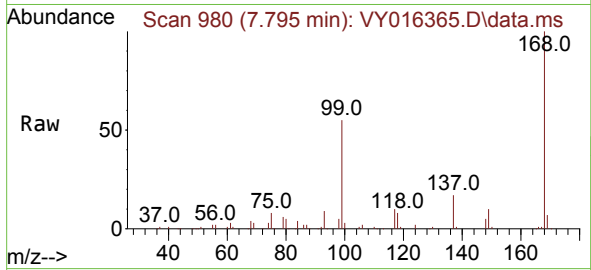




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

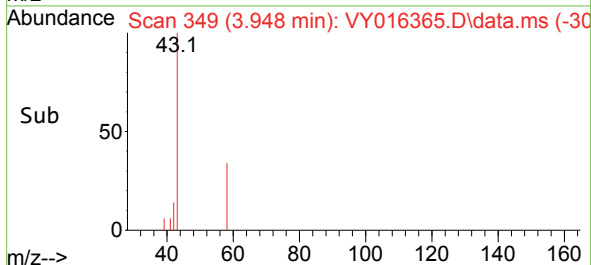
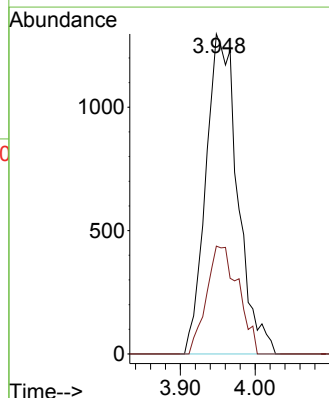
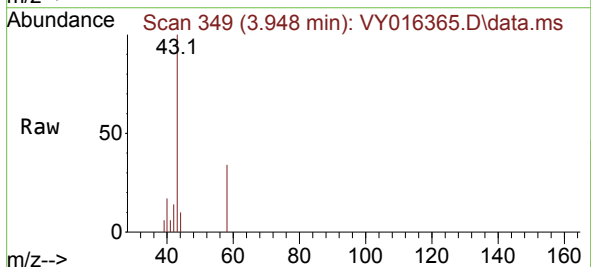
Instrument :
MSVOA_Y
ClientSampleId :

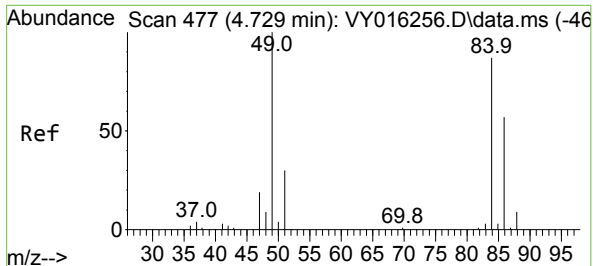
Tgt Ion:168 Resp: 95178
Ion Ratio Lower Upper
168 100
99 55.3 43.4 65.0



#16
Acetone
Concen: 26.617 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

Tgt Ion: 43 Resp: 3830
Ion Ratio Lower Upper
43 100
58 33.7 22.7 34.1





#20

Methylene Chloride

Concen: 7.649 ug/l

RT: 4.722 min Scan# 41

Delta R.T. -0.007 min

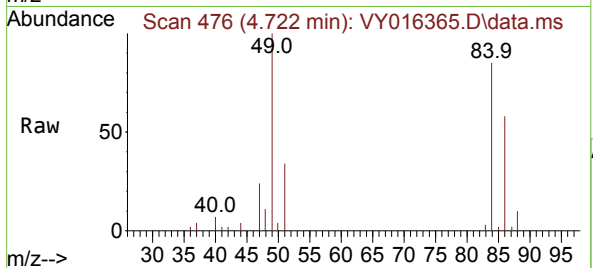
Lab File: VY016365.D

Acq: 15 Nov 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 10772

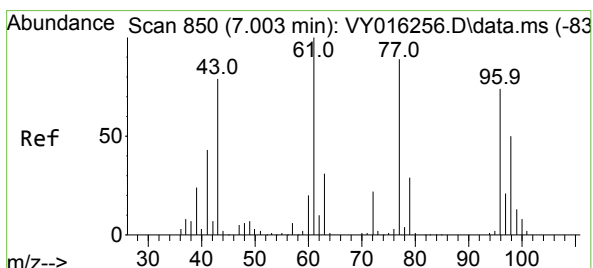
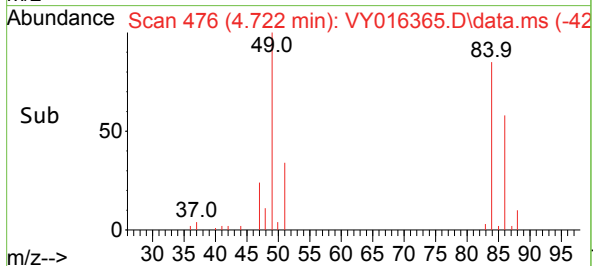
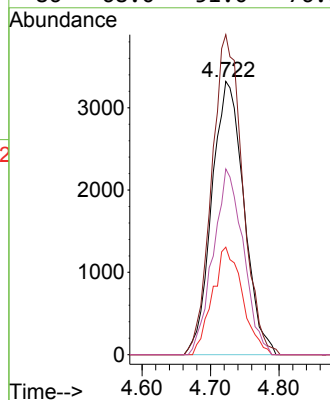
Ion Ratio Lower Upper

84 100

49 117.1 106.9 160.3

51 39.3 33.2 49.8

86 68.0 51.0 76.6



#25

2-Butanone

Concen: 1.738 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016365.D

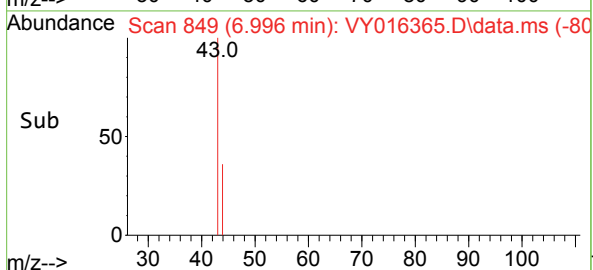
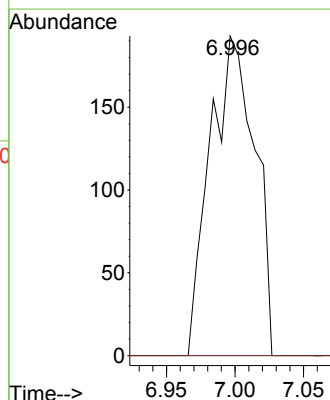
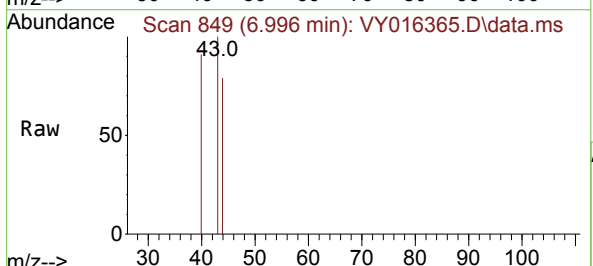
Acq: 15 Nov 2023 14:47

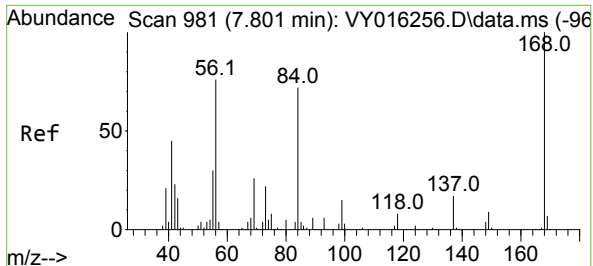
Tgt Ion: 43 Resp: 438

Ion Ratio Lower Upper

43 100

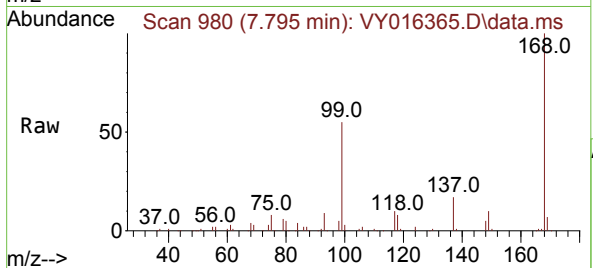
72 0.0 20.5 30.7#



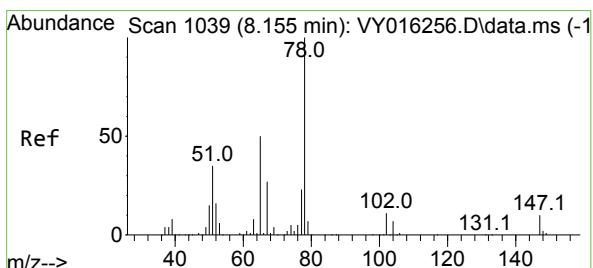
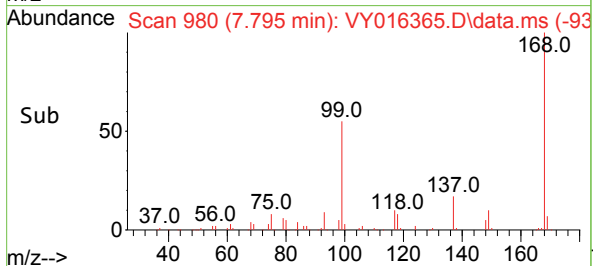
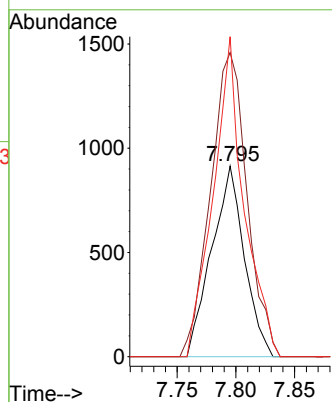


#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

Instrument :
MSVOA_Y
ClientSampleId :

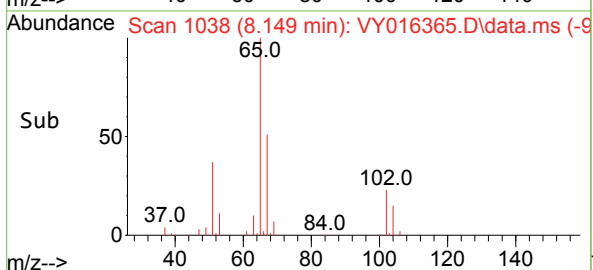
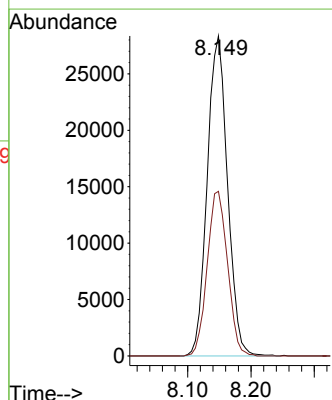
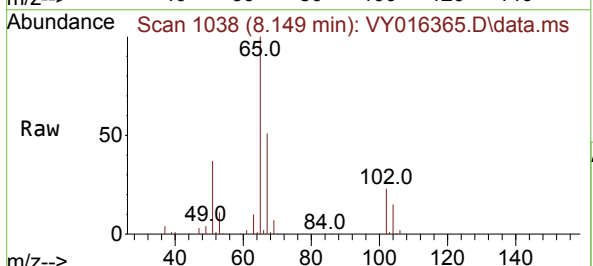


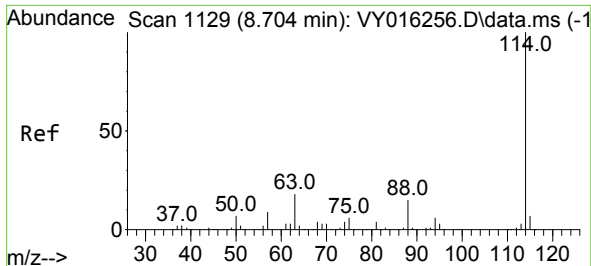
Tgt Ion: 56 Resp: 1768
Ion Ratio Lower Upper
56 100
69 159.6 27.8 41.6#
84 167.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 72.746 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

Tgt Ion: 65 Resp: 63281
Ion Ratio Lower Upper
65 100
67 51.5 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: VY016365.D

Acq: 15 Nov 2023 14:47

Instrument :

MSVOA_Y

ClientSampleId :

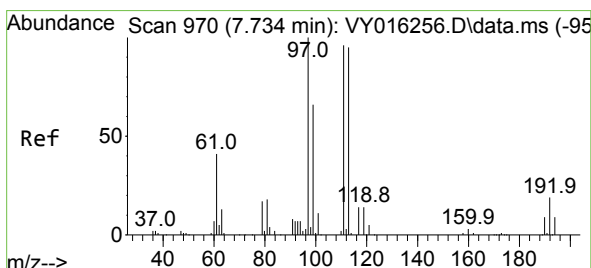
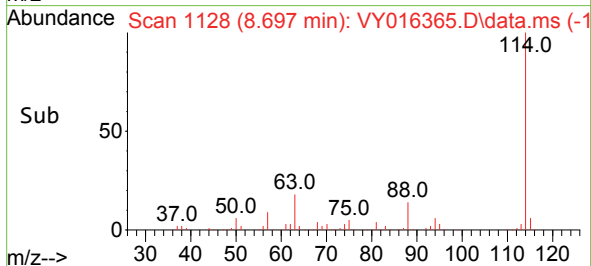
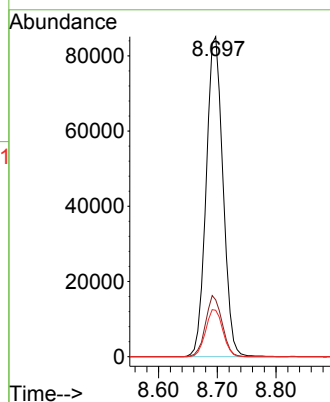
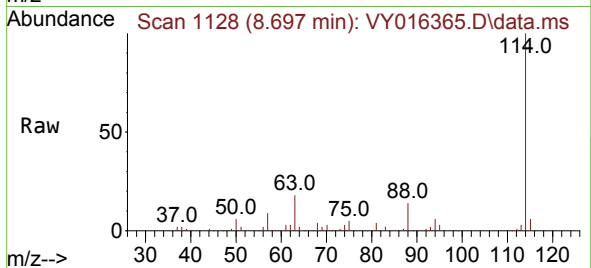
Tgt Ion:114 Resp: 169078

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.222 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.012 min

Lab File: VY016365.D

Acq: 15 Nov 2023 14:47

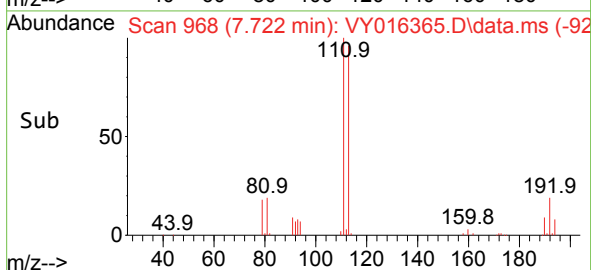
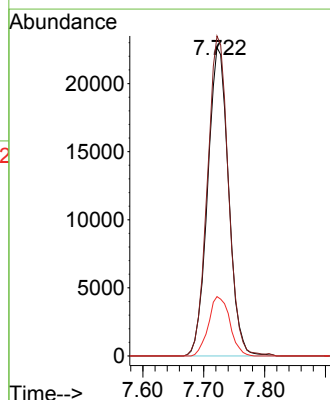
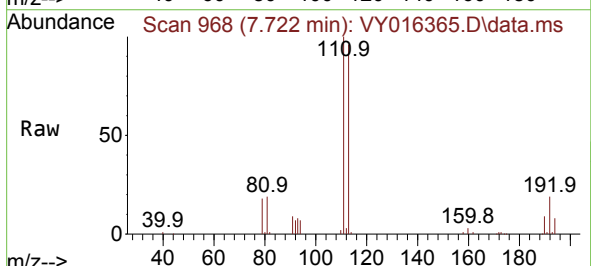
Tgt Ion:113 Resp: 54000

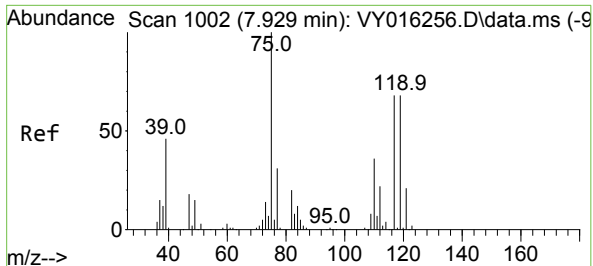
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 19.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.230 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.134 min

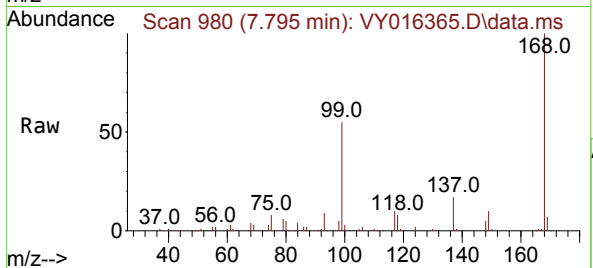
Lab File: VY016365.D

Acq: 15 Nov 2023 14:47

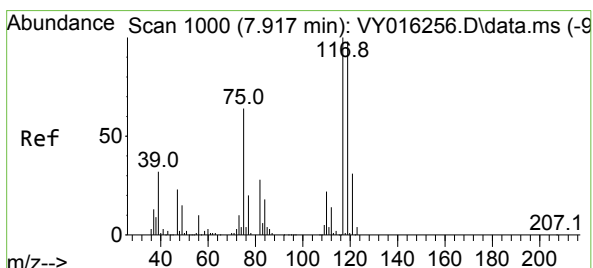
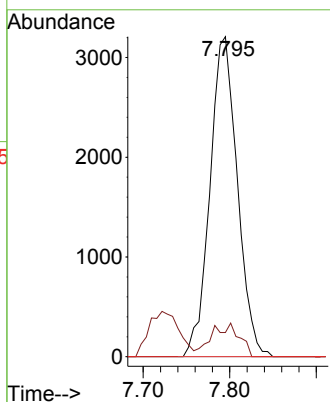
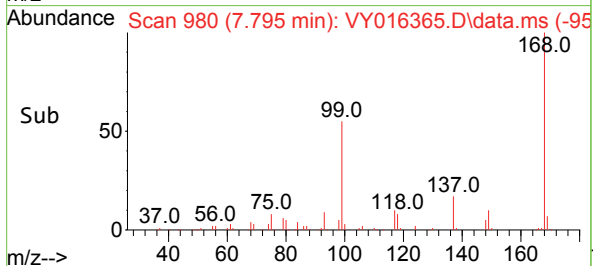
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 7054
Ion Ratio	Lower Upper
75	100
110	4.1 17.8 53.5#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.367 ug/l

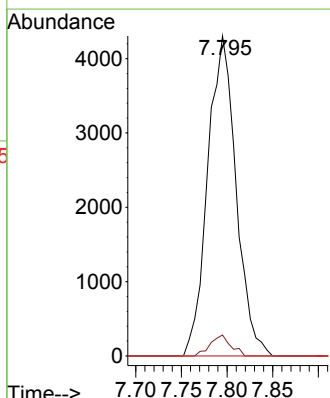
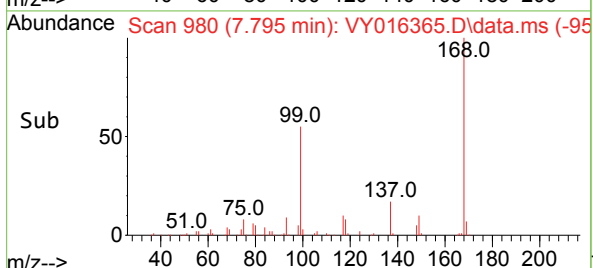
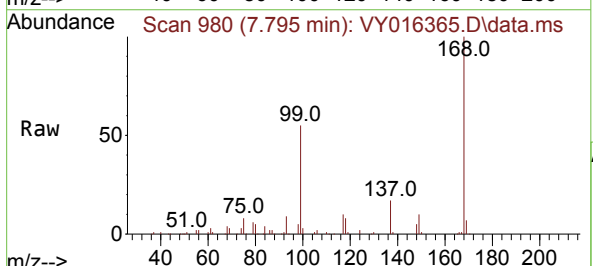
RT: 7.795 min Scan# 980

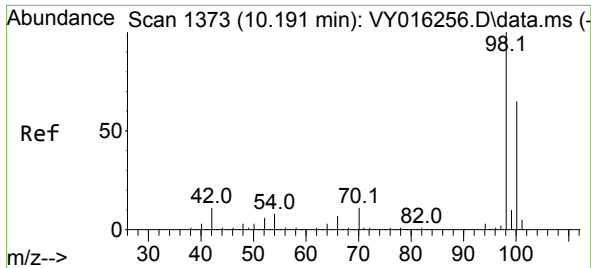
Delta R.T. -0.122 min

Lab File: VY016365.D

Acq: 15 Nov 2023 14:47

Tgt Ion: 117	Resp: 9289
Ion Ratio	Lower Upper
117	100
119	6.6 76.4 114.6#
121	0.0 25.8 38.6#

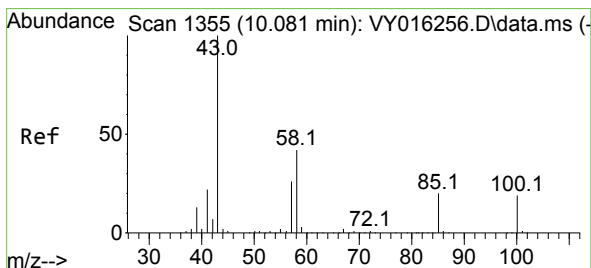
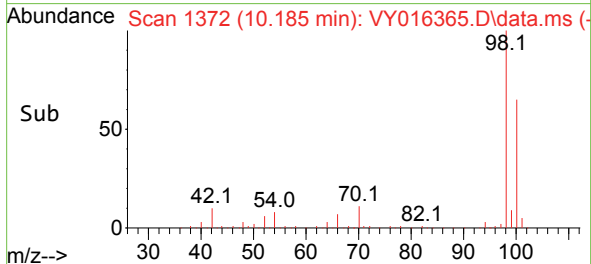
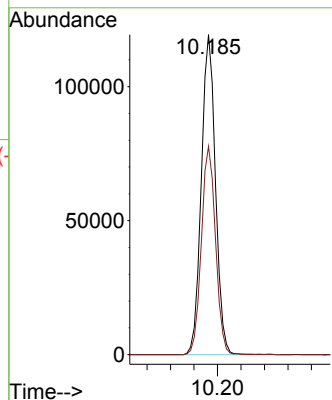
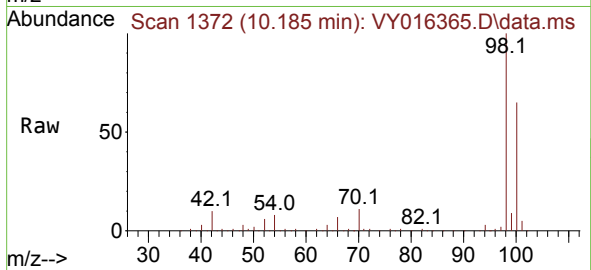




#50
Toluene-d8
Concen: 51.219 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

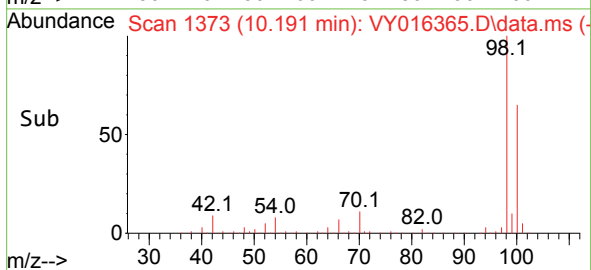
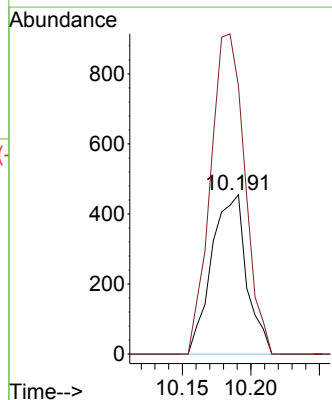
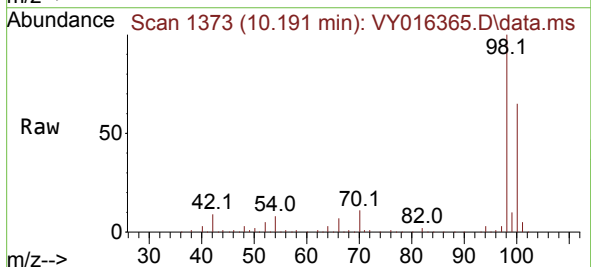
Instrument :
MSVOA_Y
ClientSampleId :

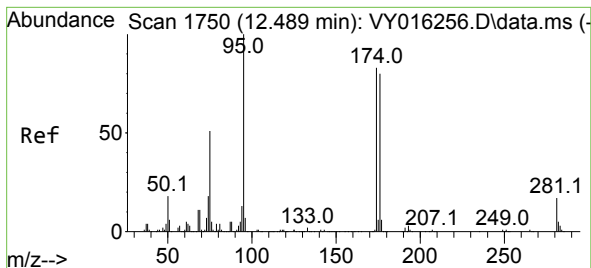
Tgt Ion: 98 Resp: 199494
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 1.222 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.110 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

Tgt Ion: 43 Resp: 805
Ion Ratio Lower Upper
43 100
58 197.6 29.0 43.6#

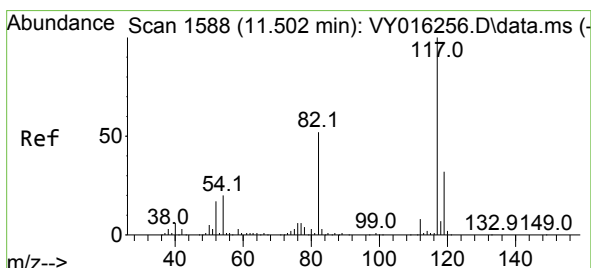
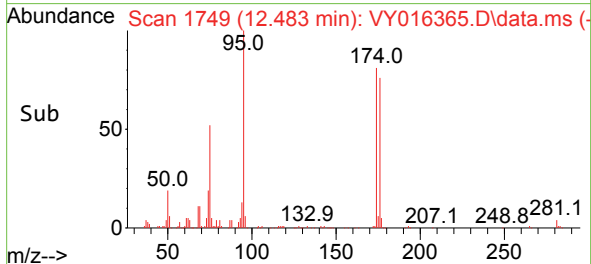
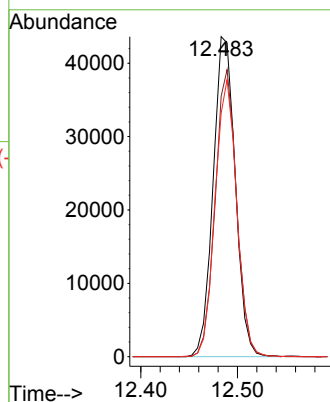
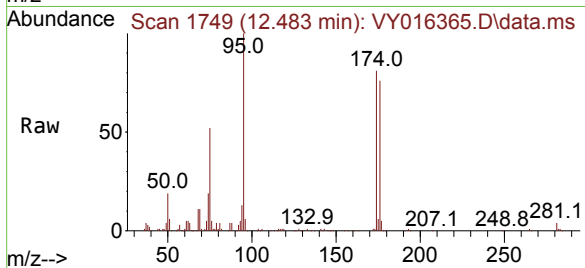




#62
4-Bromofluorobenzene
Concen: 54.834 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

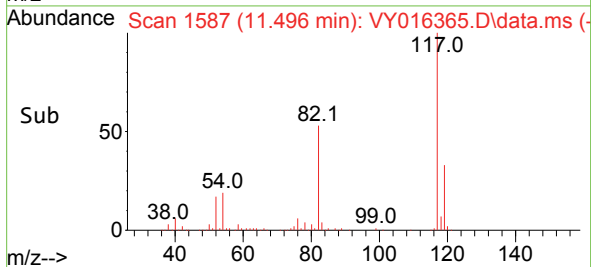
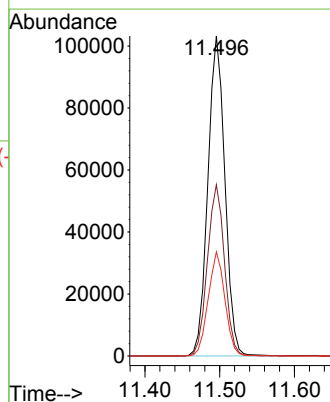
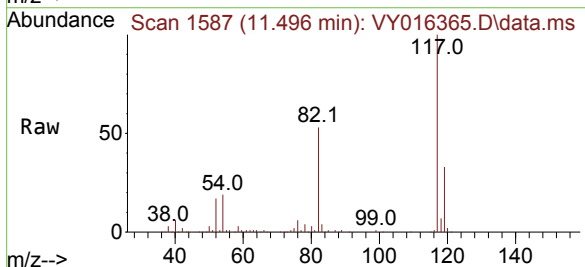
Instrument :
MSVOA_Y
ClientSampleId :

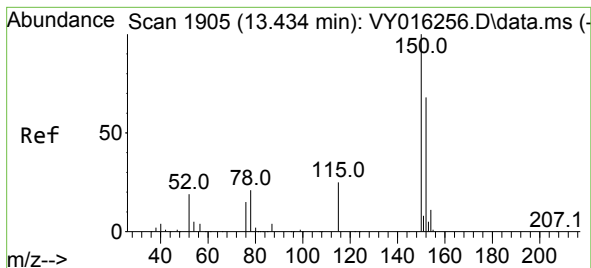
Tgt Ion: 95 Resp: 69365
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.2
176 84.7 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.006 min
Lab File: VY016365.D
Acq: 15 Nov 2023 14:47

Tgt Ion: 117 Resp: 163560
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.6 26.3 39.5

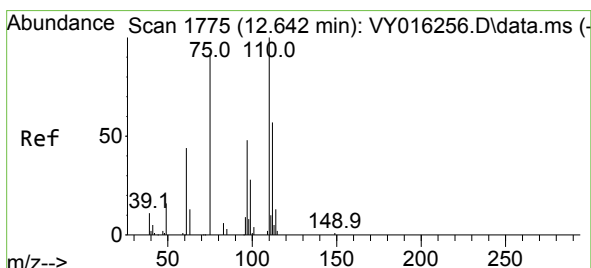
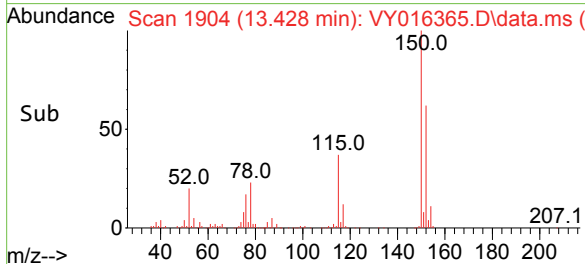
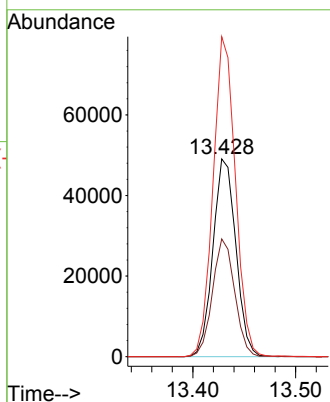
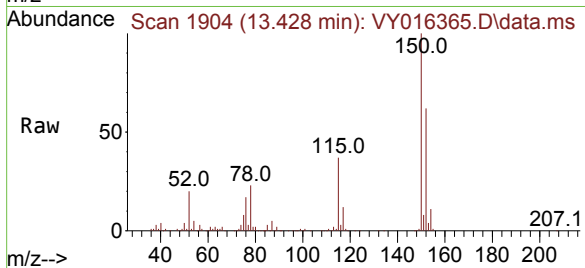




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1905
 Delta R.T. -0.006 min
 Lab File: VY016365.D
 Acq: 15 Nov 2023 14:47

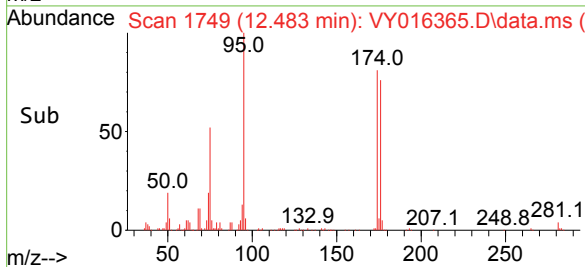
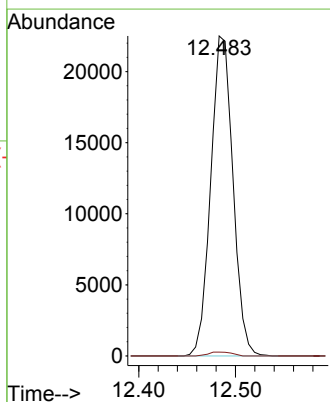
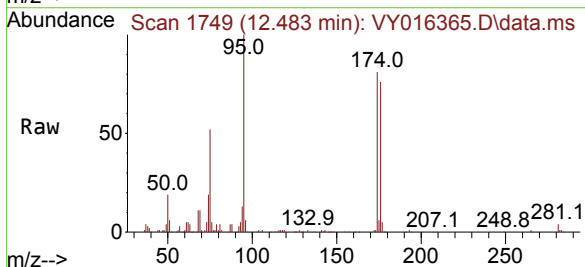
Instrument :
 MSVOA_Y
 ClientSampleId :

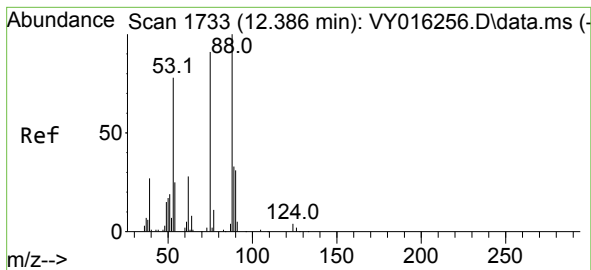
Tgt Ion:152 Resp: 76011
 Ion Ratio Lower Upper
 152 100
 115 57.8 28.8 86.5
 150 158.2 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 49.256 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.159 min
 Lab File: VY016365.D
 Acq: 15 Nov 2023 14:47

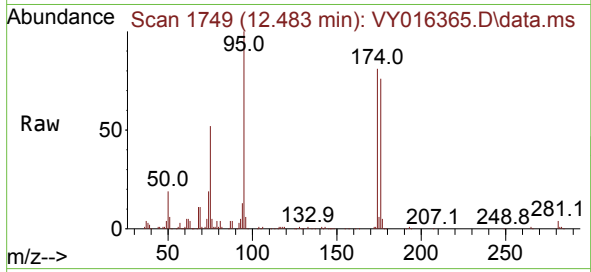
Tgt Ion: 75 Resp: 35916
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.915 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY016365.D
 Acq: 15 Nov 2023 14:47

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 35916
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

