

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008589.D
 Acq On : 03 May 2022 14:08
 Operator : KP/MD
 Sample : N2605-05RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-042822

Quant Time: May 03 16:58:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

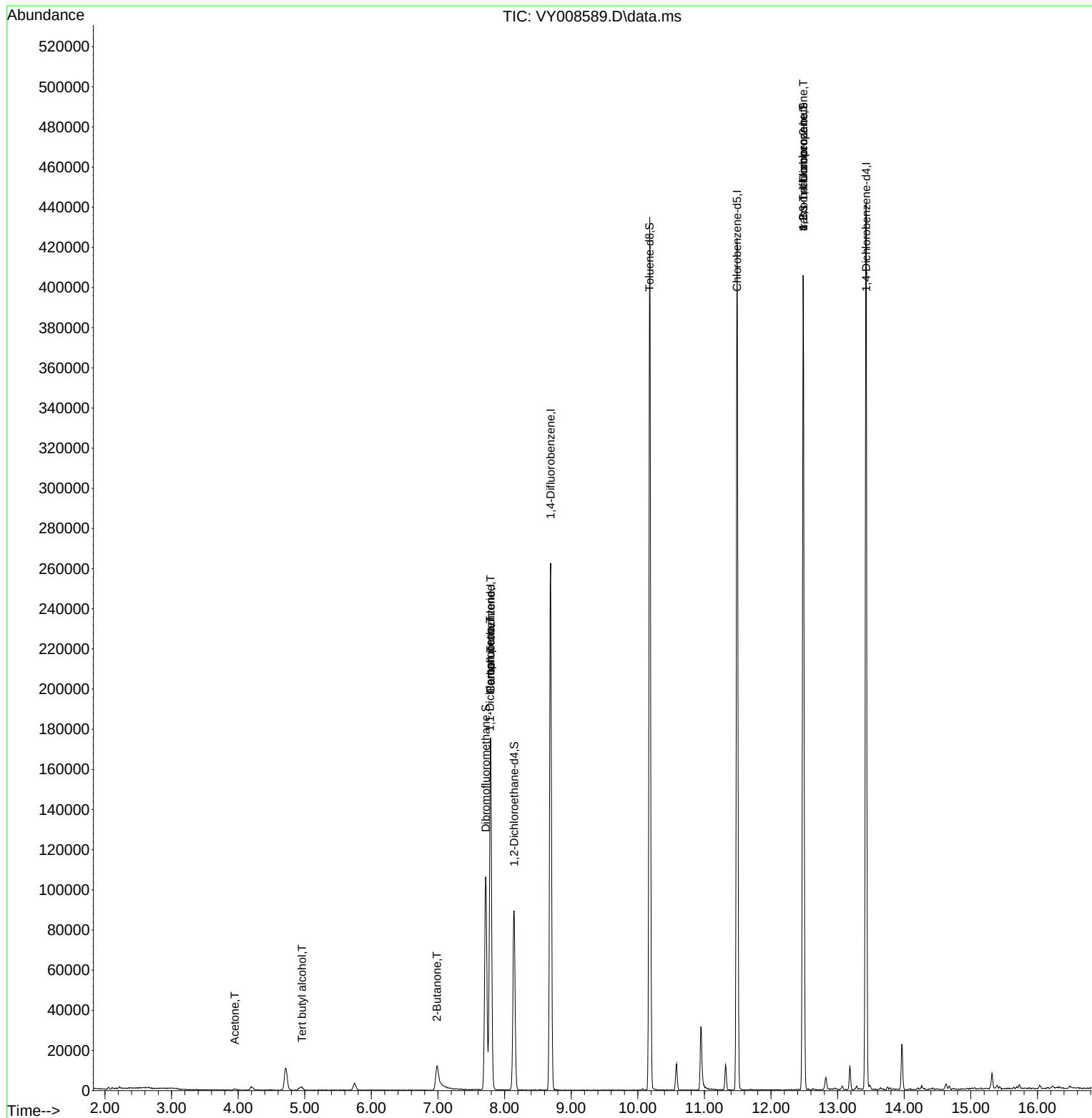
Internal Standards						
1) Pentafluorobenzene	7.789	168	147646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	246475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	251242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122018	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	69847	48.674	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.340%		
35) Dibromofluoromethane	7.716	113	77645	47.608	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.220%		
50) Toluene-d8	10.179	98	294388	50.949	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.900%		
62) 4-Bromofluorobenzene	12.483	95	106514	50.295	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.580%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	217	Below Cal	#	49
11) Tert butyl alcohol	4.960	59	3410	2.571	ug/l #	85
16) Acetone	3.948	43	1154	3.732	ug/l #	82
18) Methyl Acetate	4.466	43	139	Below Cal	#	56
20) Methylene Chloride	4.710	84	9654	Below Cal	#	75
25) 2-Butanone	6.984	43	915	1.844	ug/l #	54
36) 1,1-Dichloropropene	7.783	75	10011	3.947	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13325	4.605	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	51818	39.783	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51818	80.657	ug/l #	7

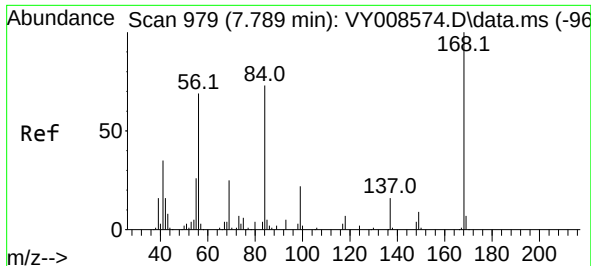
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
Data File : VY008589.D
Acq On : 03 May 2022 14:08
Operator : KP/MD
Sample : N2605-05RE
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

Quant Time: May 03 16:58:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 2022
Response via : Initial Calibration

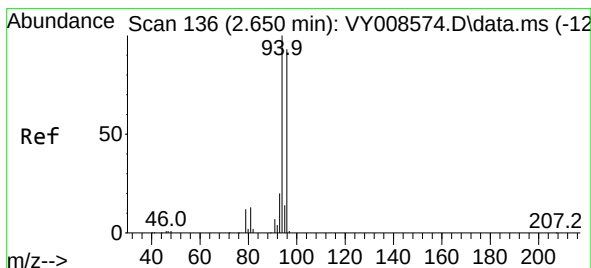
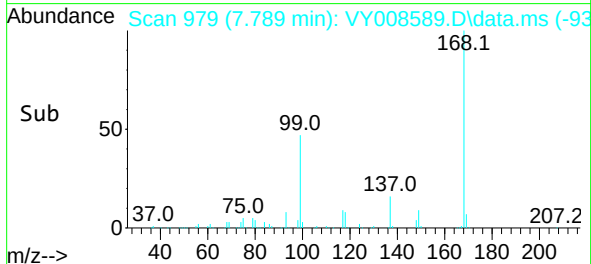
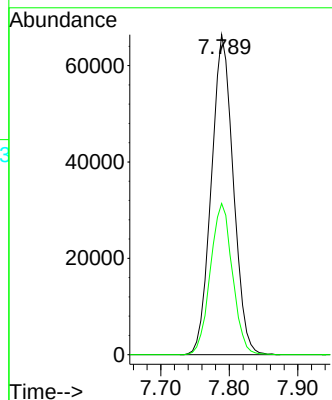
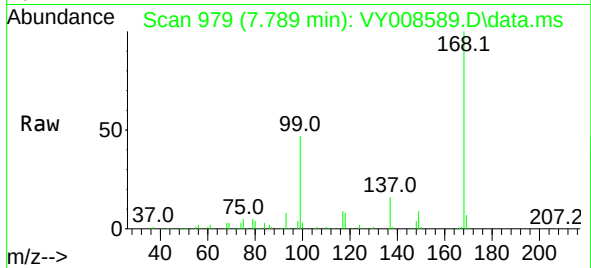




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008589.D
Acq: 03 May 2022 14:08

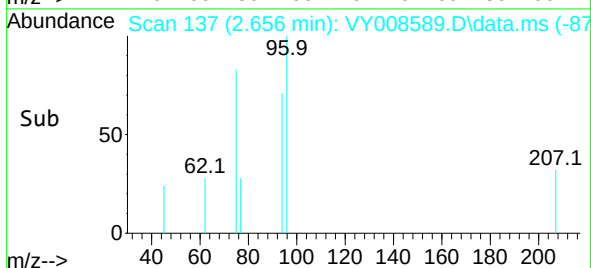
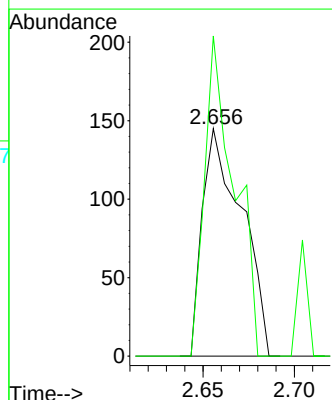
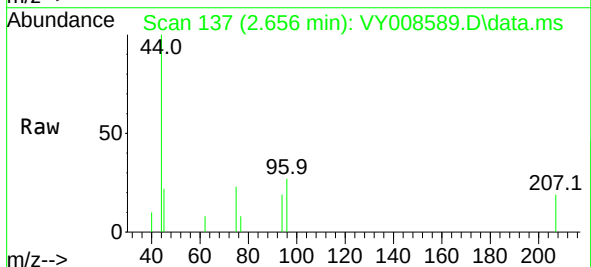
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

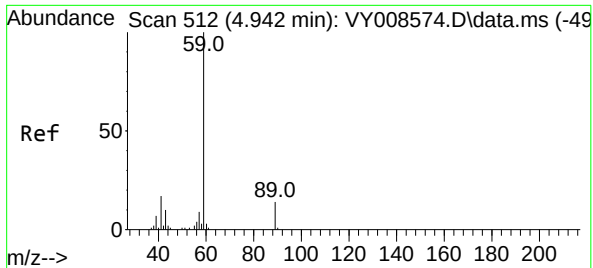
Tgt Ion:168 Resp: 147646
Ion Ratio Lower Upper
168 100
99 47.2 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY008589.D
Acq: 03 May 2022 14:08

Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 140.7 73.5 110.3#

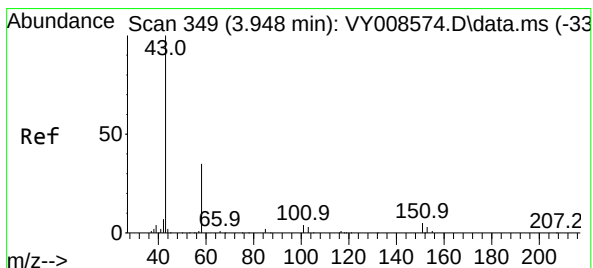
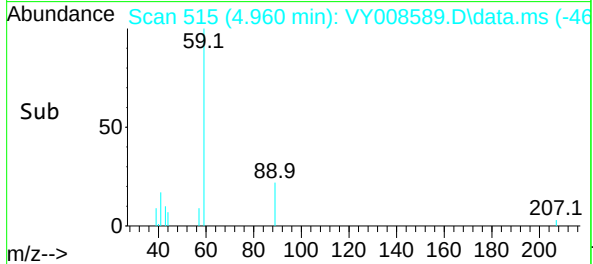
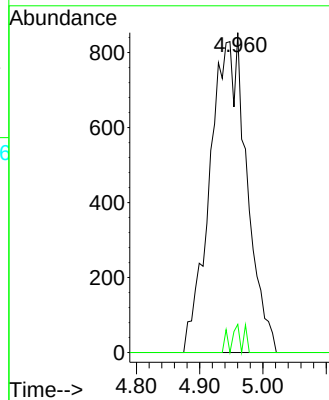
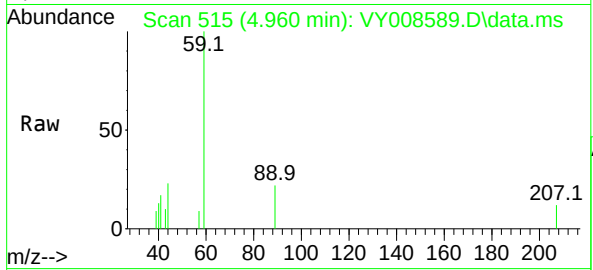




#11
Tert butyl alcohol
Concen: 2.571 ug/l
RT: 4.960 min Scan# 512
Delta R.T. 0.018 min
Lab File: VY008589.D
Acq: 03 May 2022 14:08

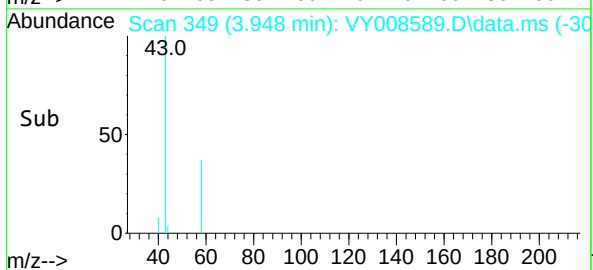
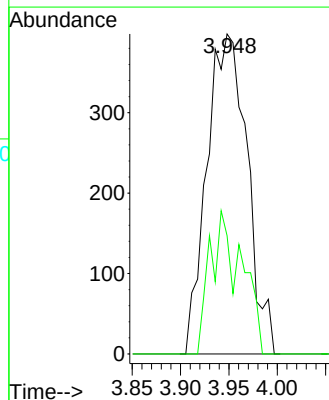
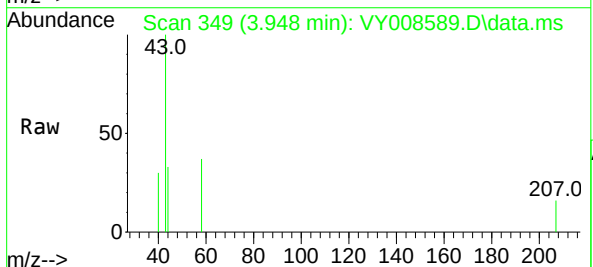
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

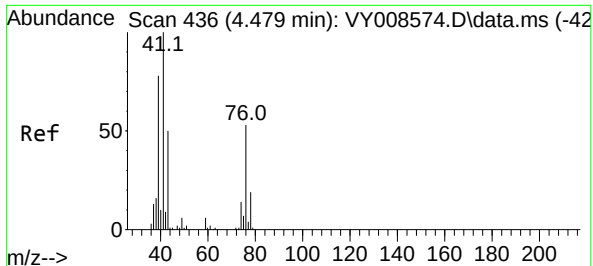
Tgt Ion: 59 Resp: 3410
Ion Ratio Lower Upper
59 100
57 2.8 6.4 9.6#



#16
Acetone
Concen: 3.732 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008589.D
Acq: 03 May 2022 14:08

Tgt Ion: 43 Resp: 1154
Ion Ratio Lower Upper
43 100
58 36.9 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.466 min Scan# 41

Delta R.T. -0.013 min

Lab File: VY008589.D

Acq: 03 May 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

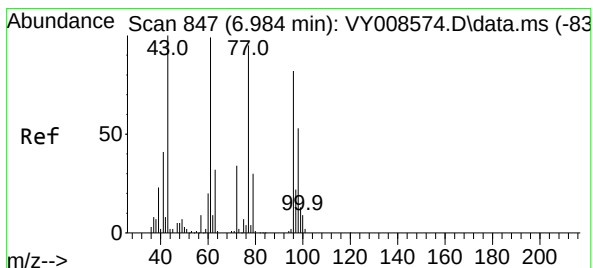
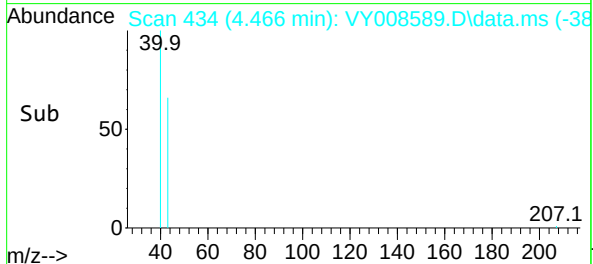
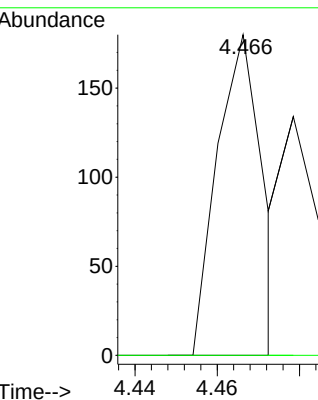
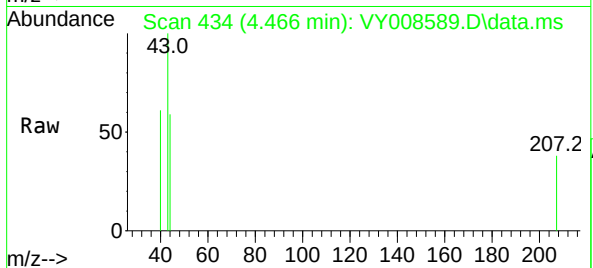
TR-06-042822

Tgt Ion: 43 Resp: 139

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#25

2-Butanone

Concen: 1.844 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY008589.D

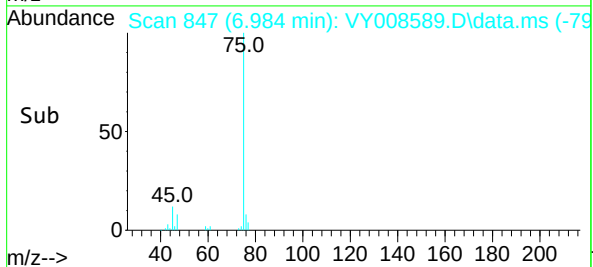
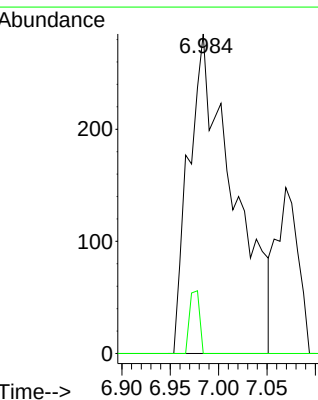
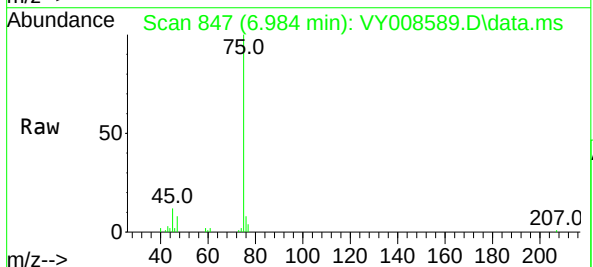
Acq: 03 May 2022 14:08

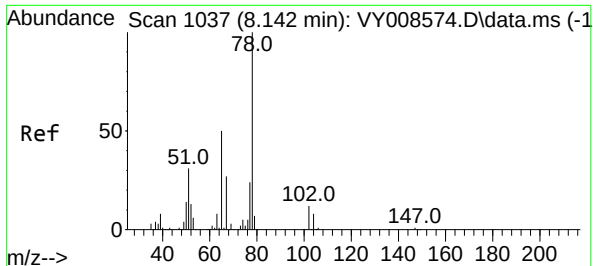
Tgt Ion: 43 Resp: 915

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#





#33

1,2-Dichloroethane-d4

Concen: 48.674 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY008589.D

Acq: 03 May 2022 14:08

Instrument :

MSVOA_Y

ClientSampleId :

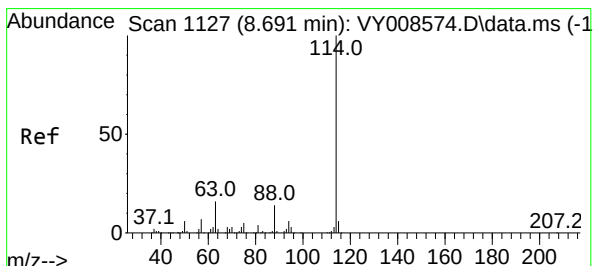
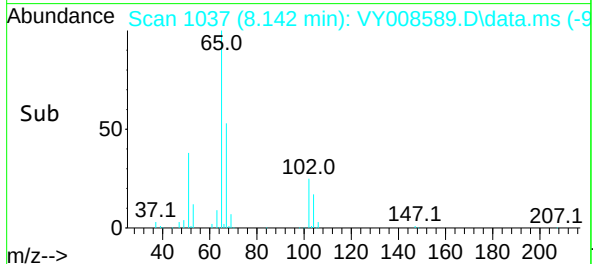
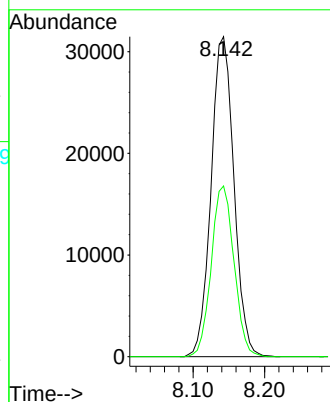
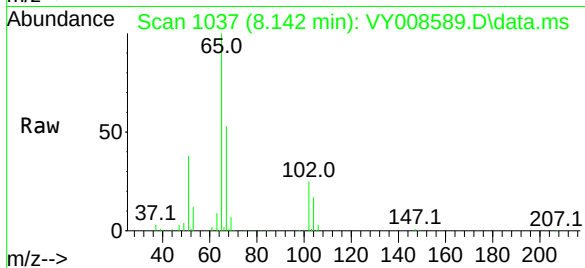
TR-06-042822

Tgt Ion: 65 Resp: 69847

Ion Ratio Lower Upper

65 100

67 53.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY008589.D

Acq: 03 May 2022 14:08

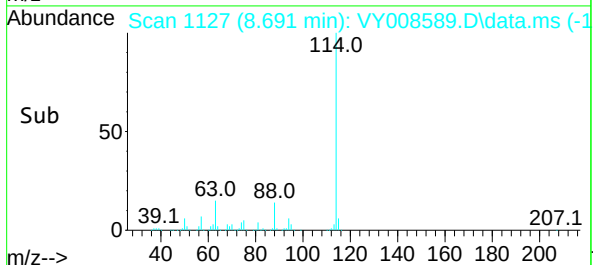
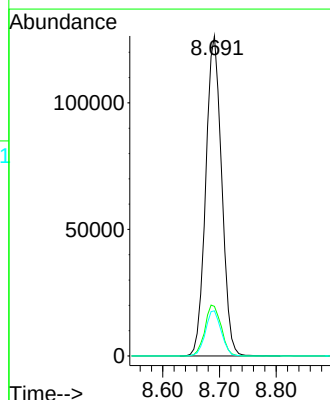
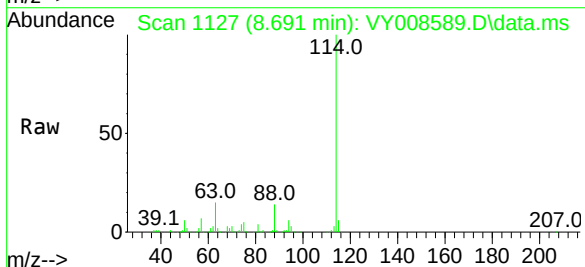
Tgt Ion: 114 Resp: 246475

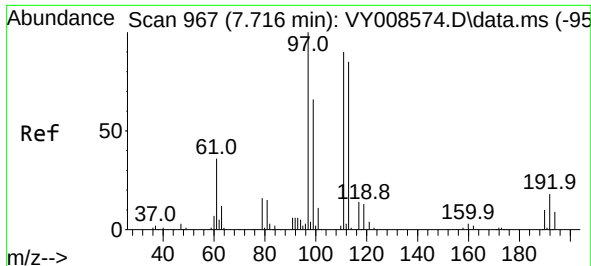
Ion Ratio Lower Upper

114 100

63 15.5 0.0 43.2

88 14.1 0.0 31.8

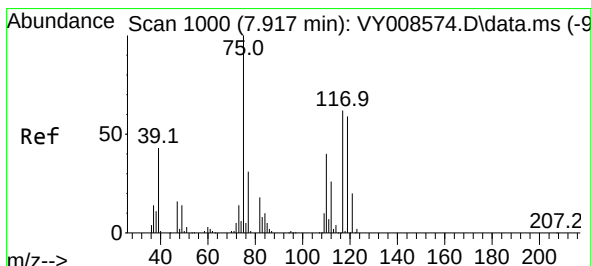
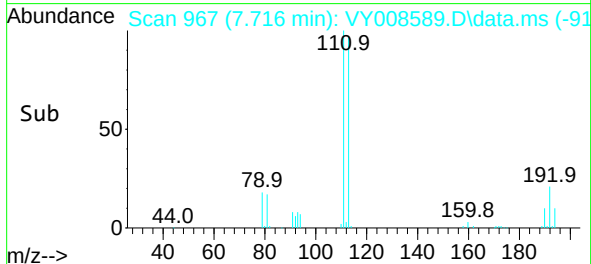
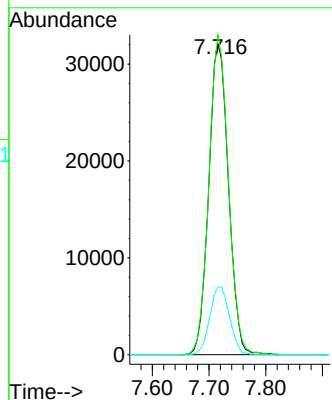
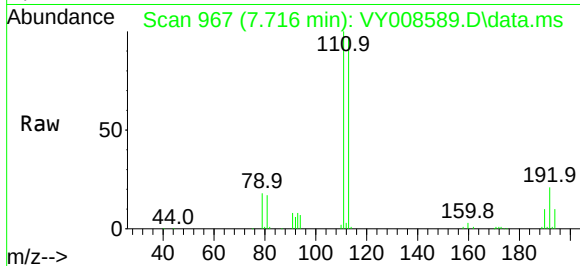




#35
Dibromofluoromethane
Concen: 47.608 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008589.D
Acq: 03 May 2022 14:08

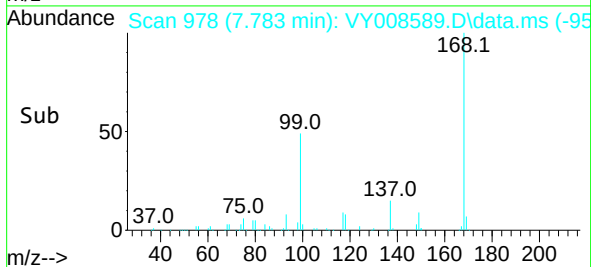
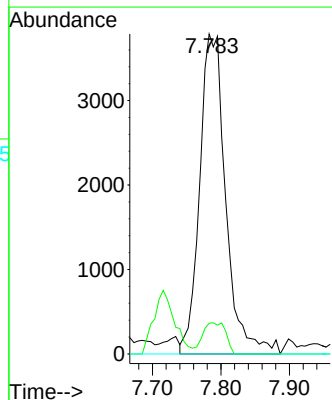
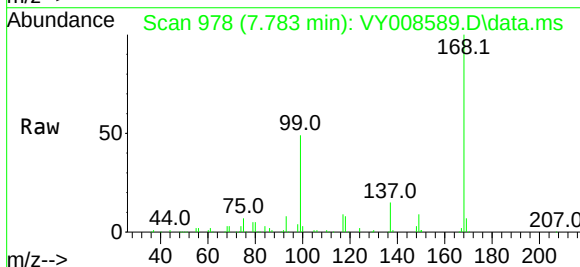
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

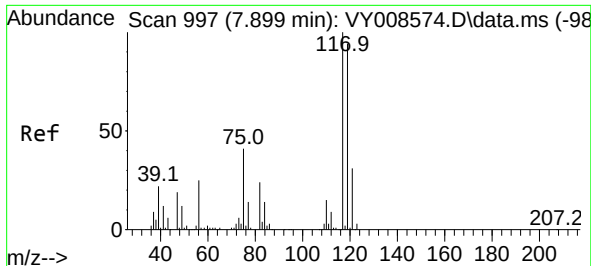
Tgt Ion:113 Resp: 77645
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 21.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.947 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008589.D
Acq: 03 May 2022 14:08

Tgt Ion: 75 Resp: 10011
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

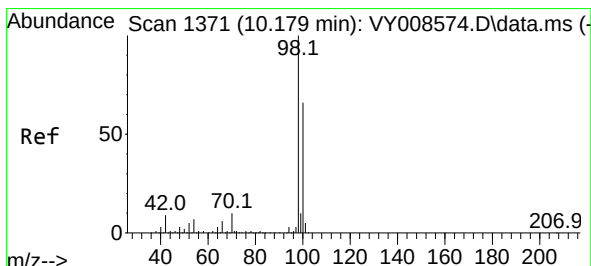
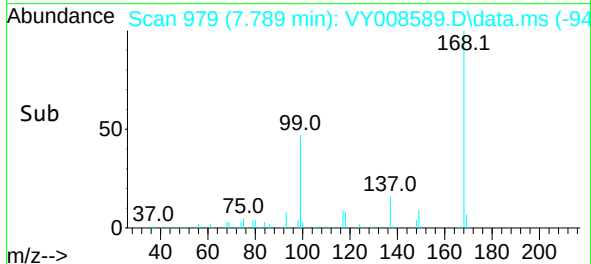
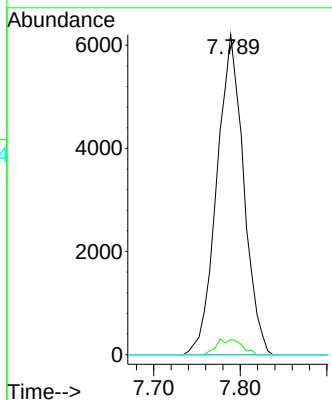
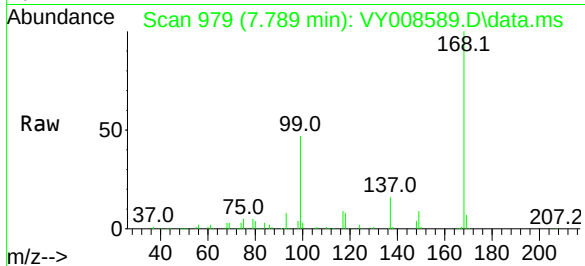




#38
Carbon Tetrachloride
Concen: 4.605 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008589.D
Acq: 03 May 2022 14:08

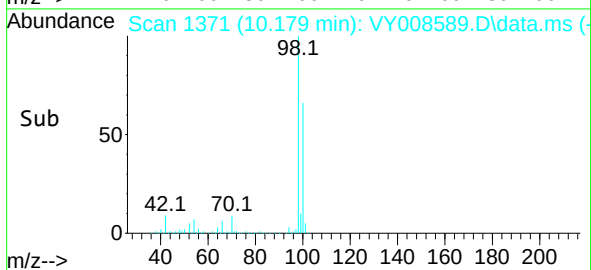
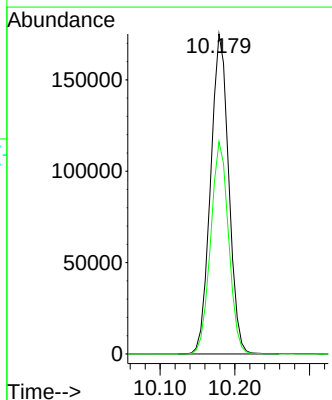
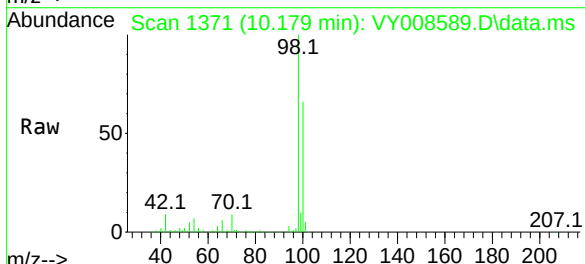
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

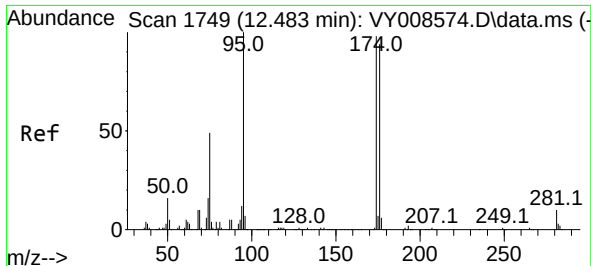
Tgt Ion:117 Resp: 13325
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.949 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008589.D
Acq: 03 May 2022 14:08

Tgt Ion: 98 Resp: 294388
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

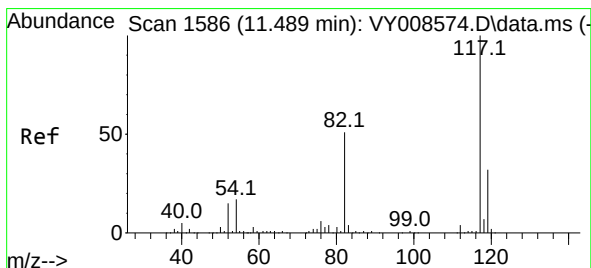
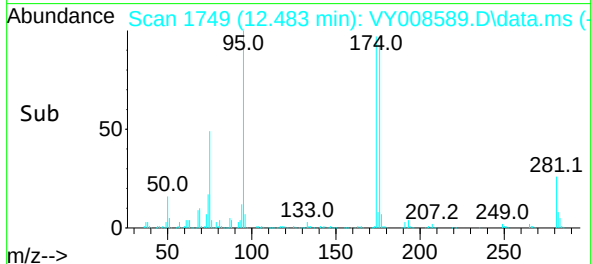
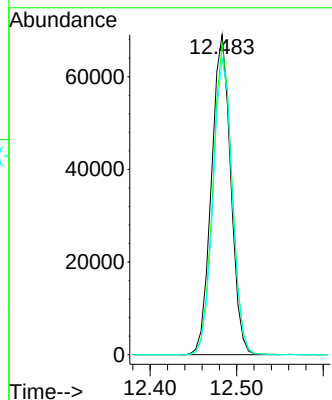
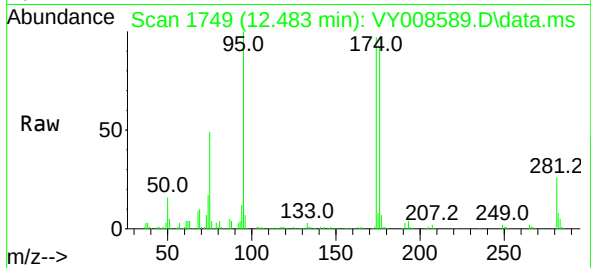




#62
4-Bromofluorobenzene
Concen: 50.295 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008589.D
Acq: 03 May 2022 14:08

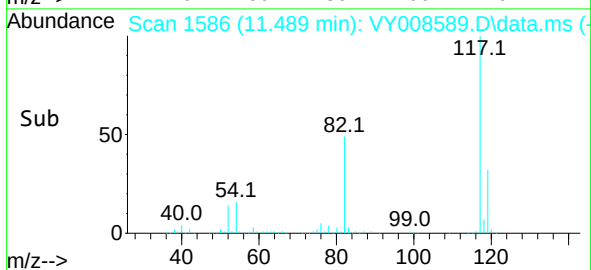
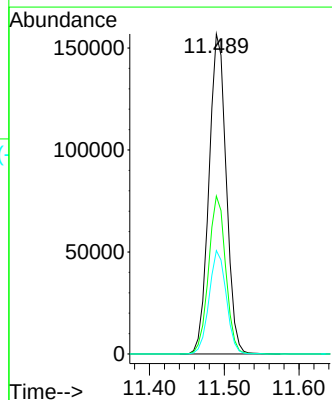
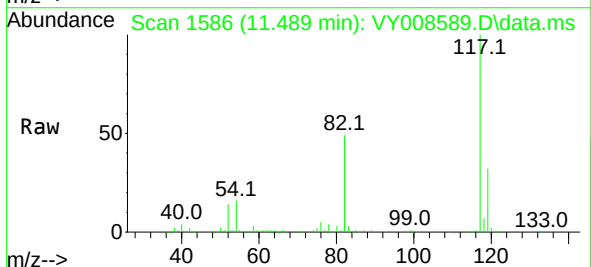
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-042822

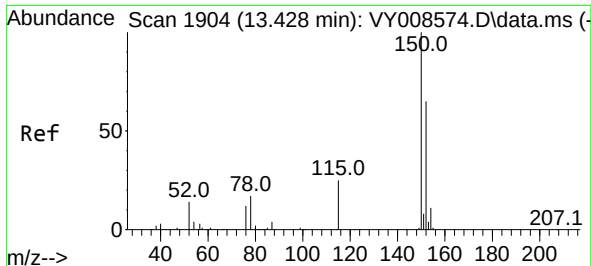
Tgt Ion: 95 Resp: 106514
Ion Ratio Lower Upper
95 100
174 96.5 0.0 177.0
176 92.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008589.D
Acq: 03 May 2022 14:08

Tgt Ion: 117 Resp: 251242
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 32.3 25.4 38.0

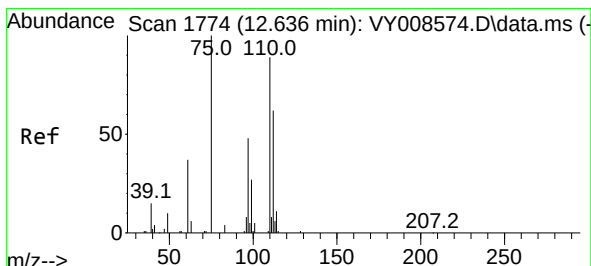
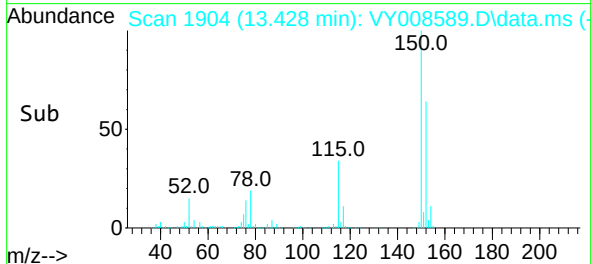
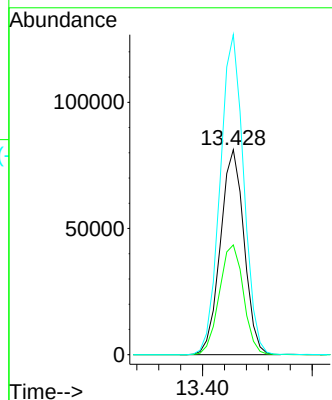
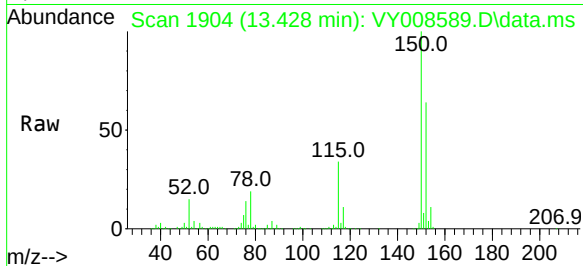




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008589.D
 Acq: 03 May 2022 14:08

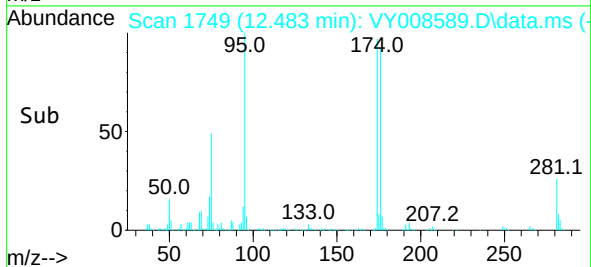
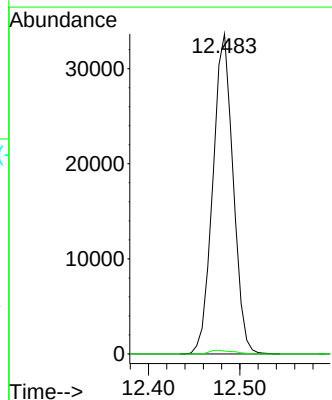
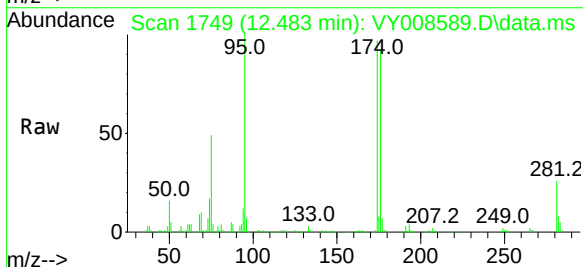
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-042822

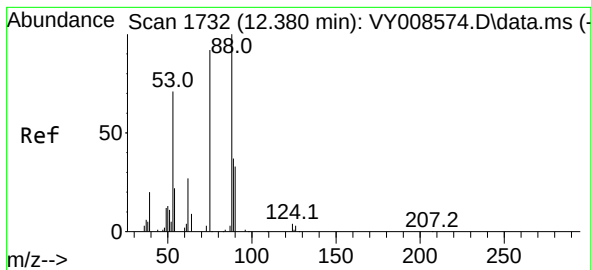
Tgt Ion:152 Resp: 122018
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.2 84.7
 150 155.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 39.783 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008589.D
 Acq: 03 May 2022 14:08

Tgt Ion: 75 Resp: 51818
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.657 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008589.D
 Acq: 03 May 2022 14:08

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-042822

Tgt Ion: 75 Resp: 51818
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.3 37.0 55.4#

