

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008612.D
 Acq On : 04 May 2022 15:13
 Operator : KP/MD
 Sample : N2619-05
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS03-1-2-FT

Quant Time: May 05 04:35:47 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)

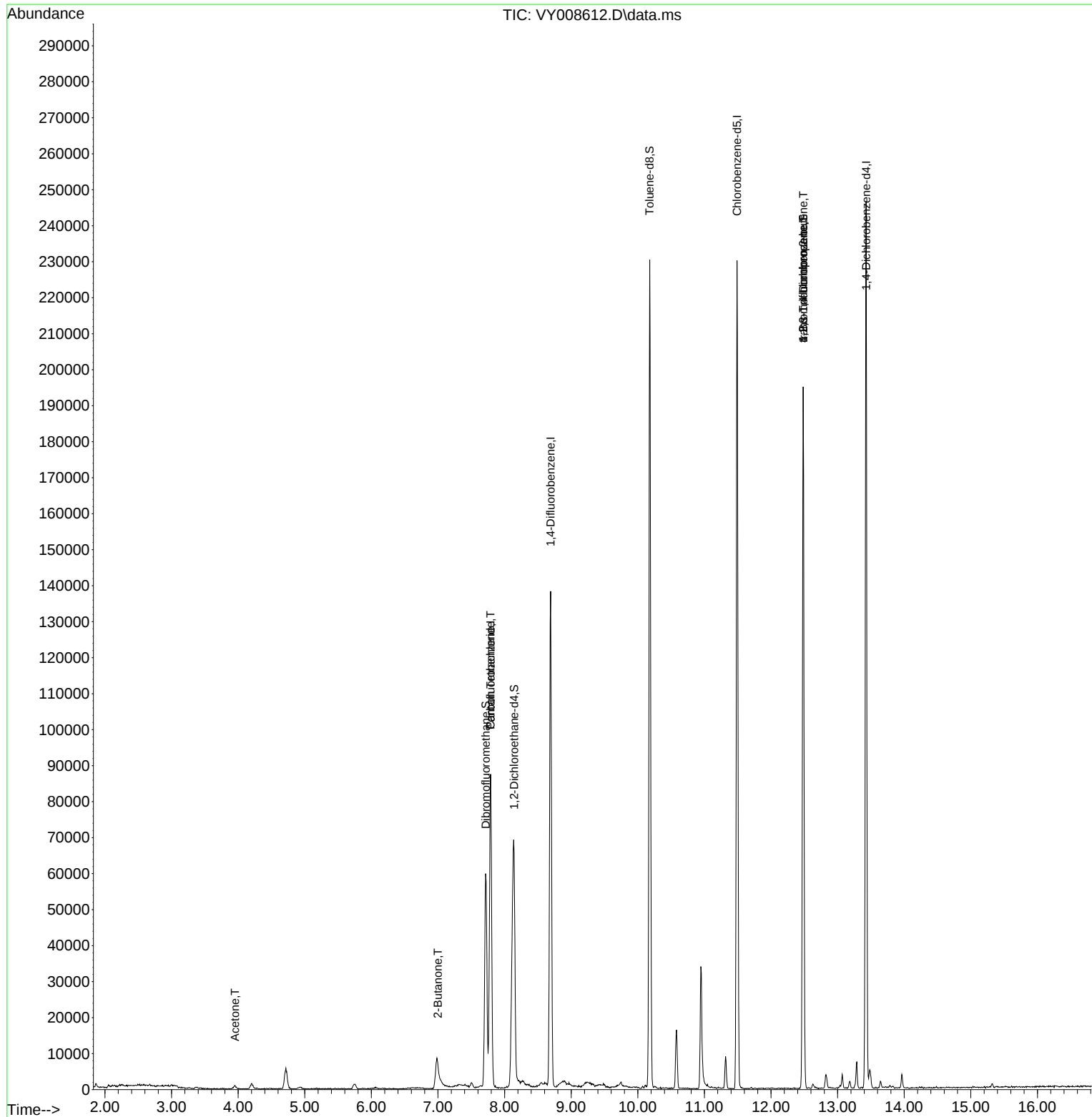
Internal Standards						
1) Pentafluorobenzene	7.789	168	74608	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	135280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40050	55.231	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.460%
35) Dibromofluoromethane	7.716	113	42190	49.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.240%
50) Toluene-d8	10.179	98	155535	51.631	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.260%
62) 4-Bromofluorobenzene	12.483	95	56834	51.474	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.940%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	129	Below Cal	#	80
11) Tert butyl alcohol	4.936	59	466	Below Cal	#	77
16) Acetone	3.954	43	1625	10.401	ug/l	90
18) Methyl Acetate	4.466	43	290	Below Cal	#	56
20) Methylene Chloride	4.716	84	4731	Below Cal	#	76
25) 2-Butanone	6.996	43	450	1.794	ug/l #	54
38) Carbon Tetrachloride	7.789	117	6620	4.389	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	27933	39.704	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	27933	80.496	ug/l #	7

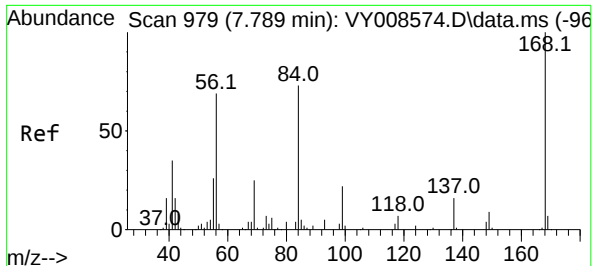
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
Data File : VY008612.D
Acq On : 04 May 2022 15:13
Operator : KP/MD
Sample : N2619-05
Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

Quant Time: May 05 04:35:47 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

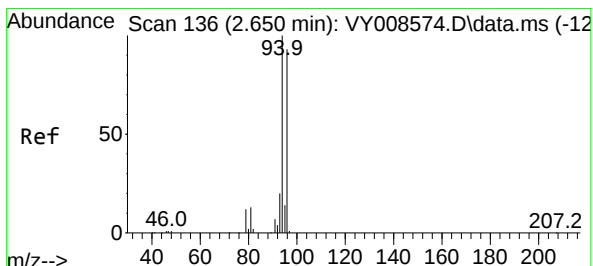
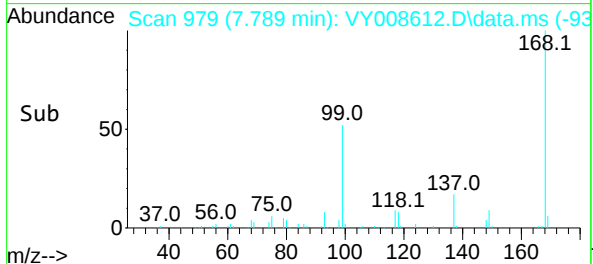
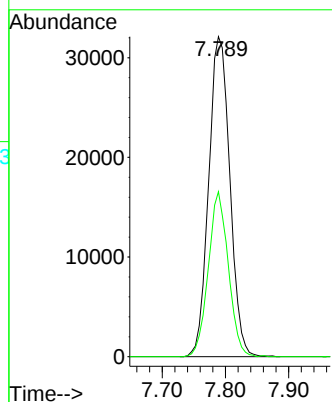
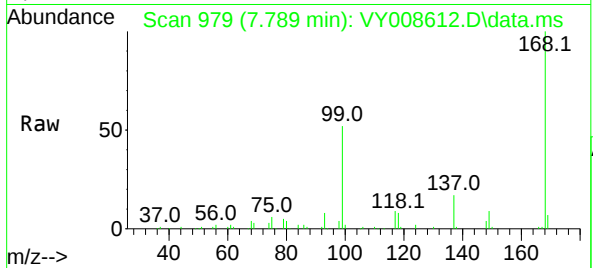




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008612.D
Acq: 04 May 2022 15:13

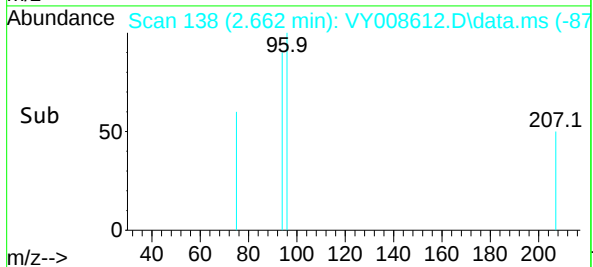
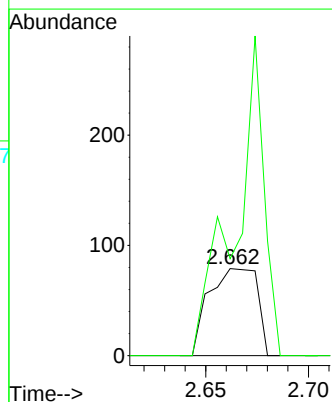
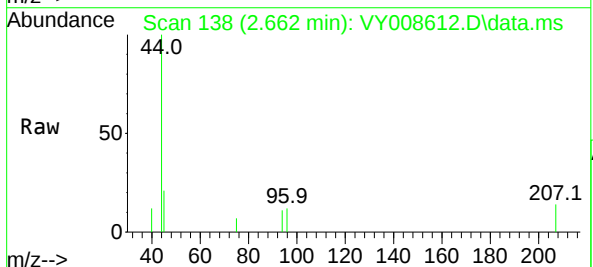
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

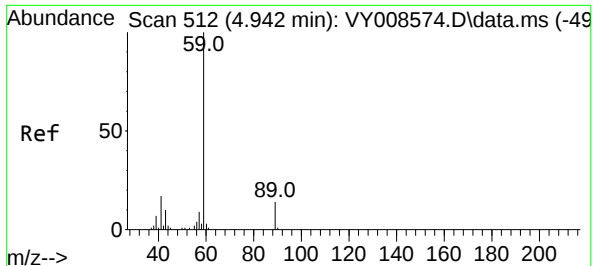
Tgt Ion:168 Resp: 74608
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008612.D
Acq: 04 May 2022 15:13

Tgt Ion: 94 Resp: 129
Ion Ratio Lower Upper
94 100
96 111.4 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY008612.D

Acq: 04 May 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

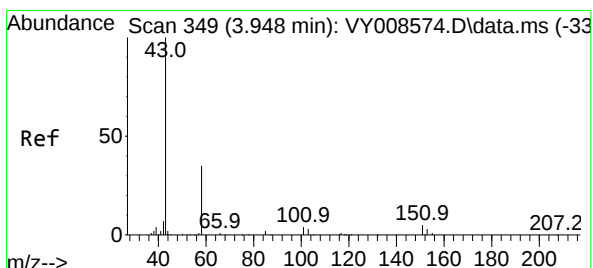
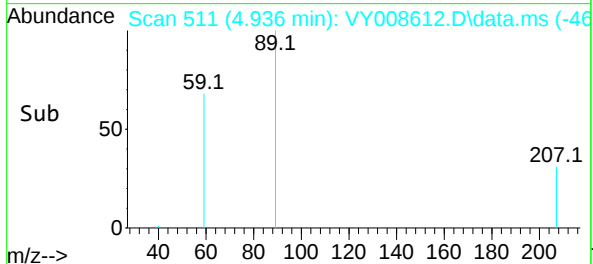
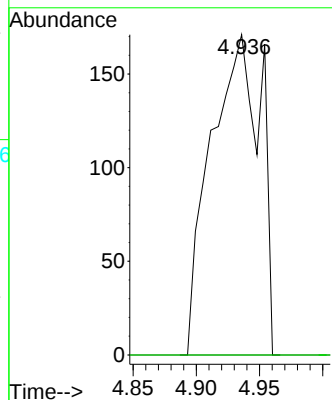
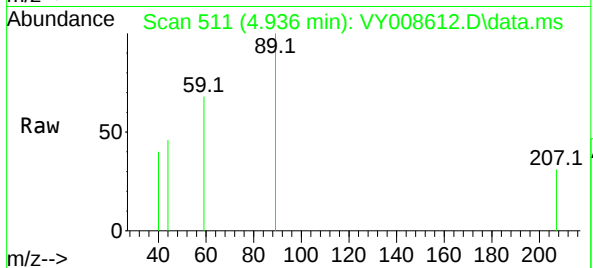
SS03-1-2-FT

Tgt Ion: 59 Resp: 466

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 10.401 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY008612.D

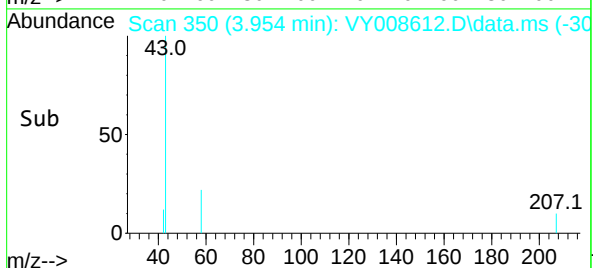
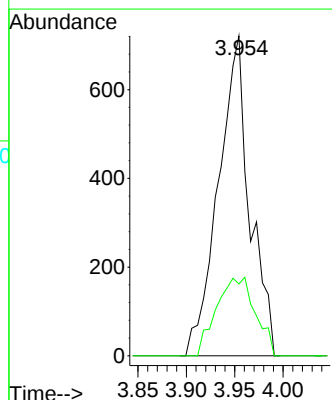
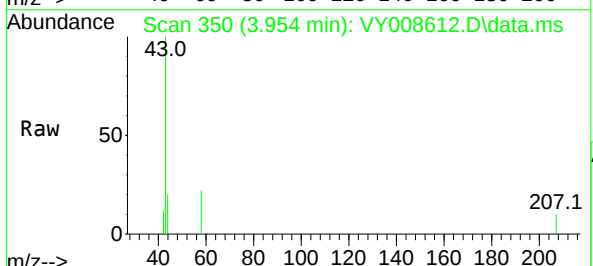
Acq: 04 May 2022 15:13

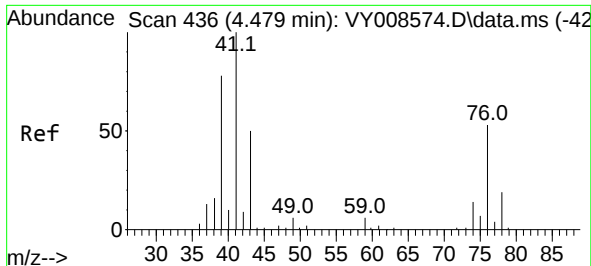
Tgt Ion: 43 Resp: 1625

Ion Ratio Lower Upper

43 100

58 22.5 22.0 33.0

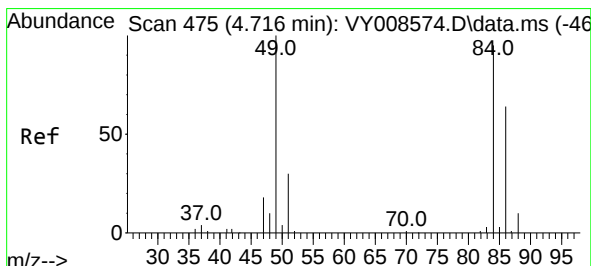
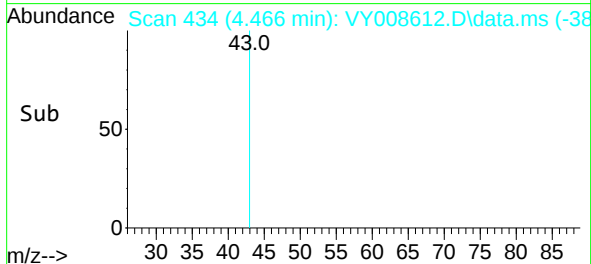
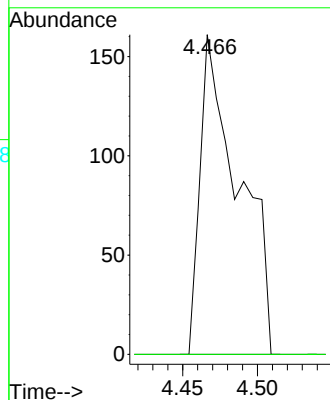
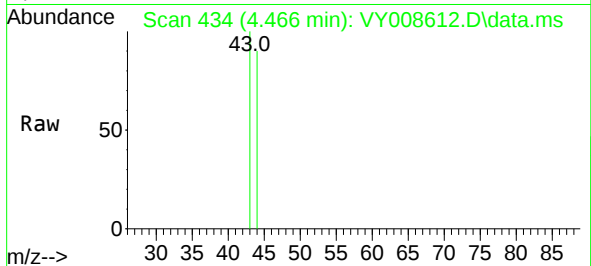




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.013 min
Lab File: VY008612.D
Acq: 04 May 2022 15:13

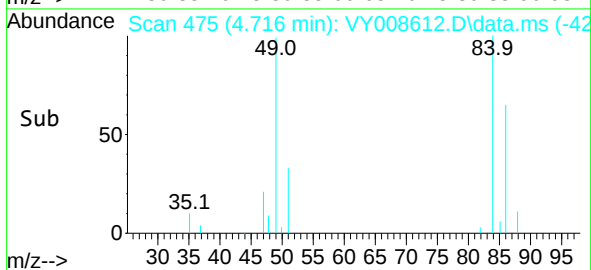
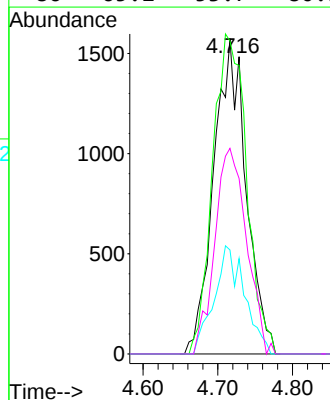
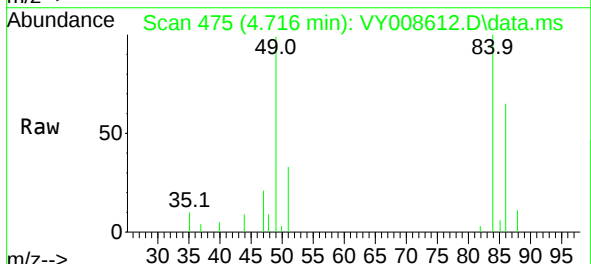
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

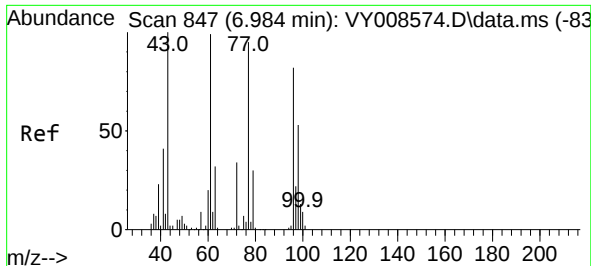
Tgt Ion: 43 Resp: 290
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008612.D
Acq: 04 May 2022 15:13

Tgt Ion: 84 Resp: 4731
Ion Ratio Lower Upper
84 100
49 99.2 114.4 171.6#
51 33.0 35.3 52.9#
86 65.2 53.7 80.5

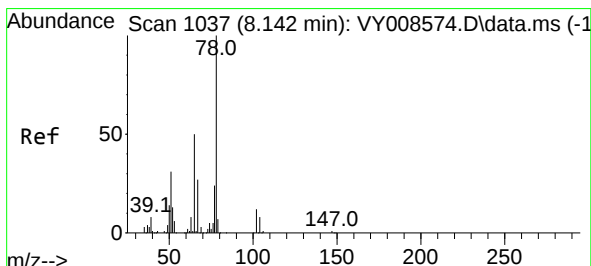
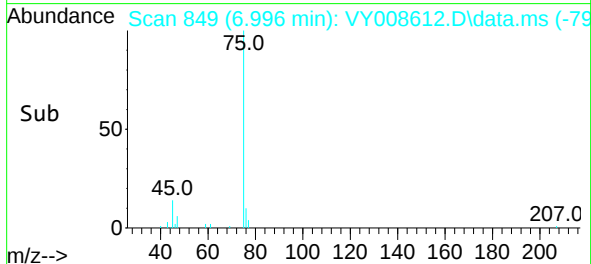
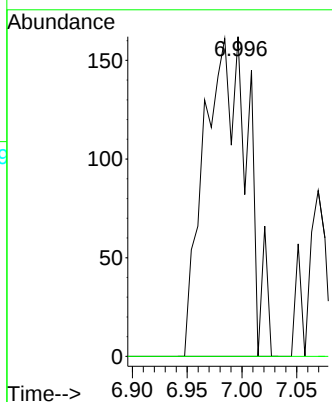
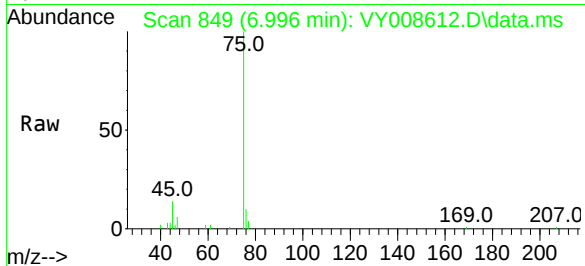




#25
2-Butanone
Concen: 1.794 ug/l
RT: 6.996 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY008612.D
Acq: 04 May 2022 15:13

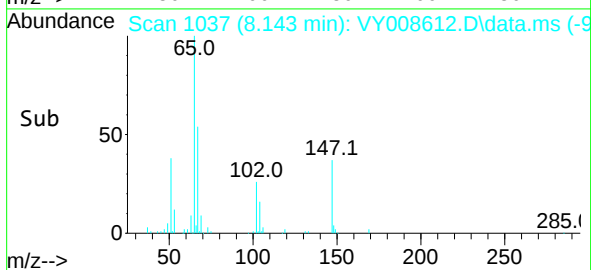
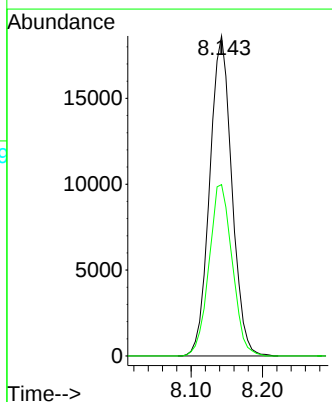
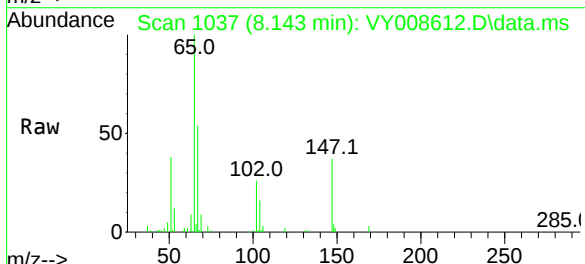
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

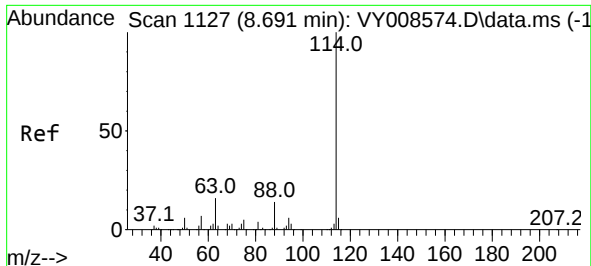
Tgt Ion: 43 Resp: 450
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 55.231 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008612.D
Acq: 04 May 2022 15:13

Tgt Ion: 65 Resp: 40050
Ion Ratio Lower Upper
65 100
67 56.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008612.D

Acq: 04 May 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

SS03-1-2-FT

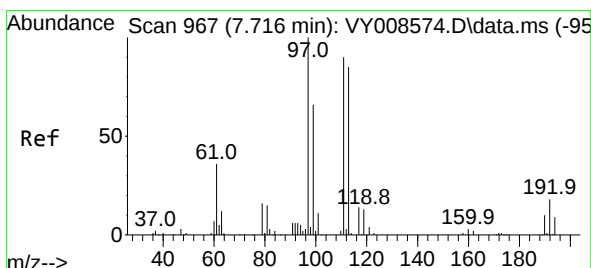
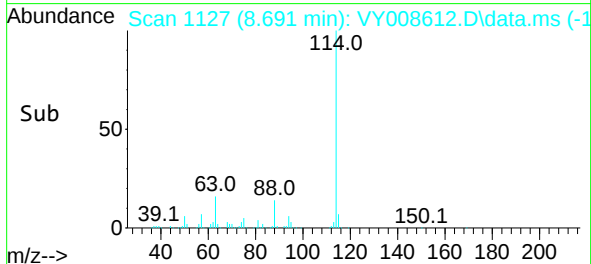
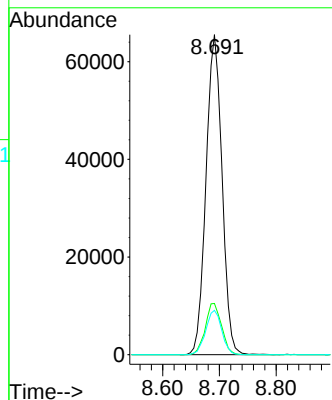
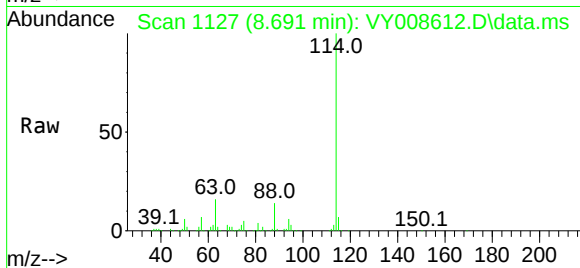
Tgt Ion:114 Resp: 128502

Ion Ratio Lower Upper

114 100

63 16.0 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.618 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008612.D

Acq: 04 May 2022 15:13

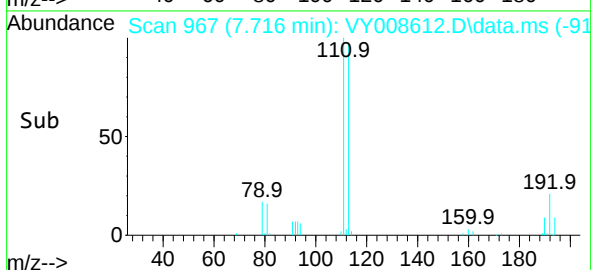
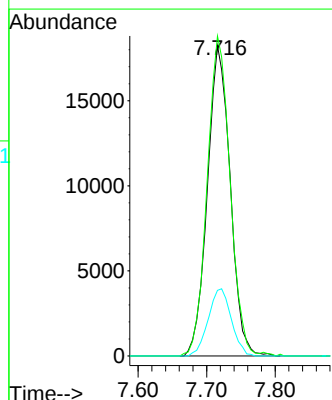
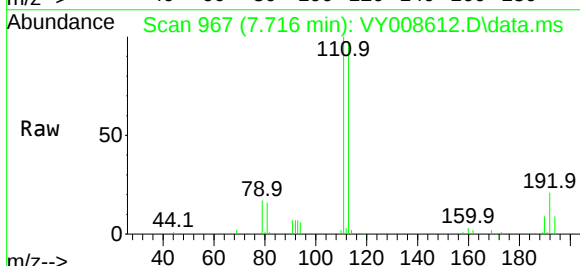
Tgt Ion:113 Resp: 42190

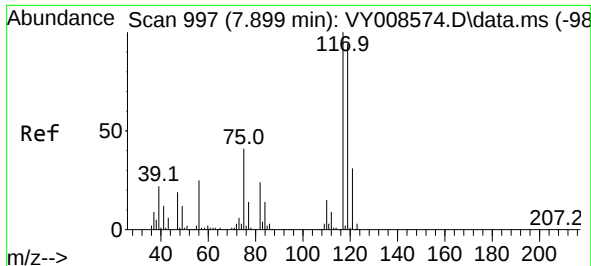
Ion Ratio Lower Upper

113 100

111 103.1 82.6 124.0

192 21.9 17.6 26.4

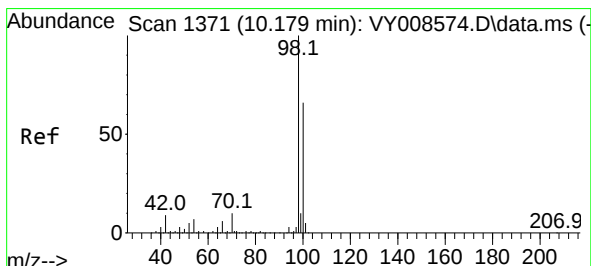
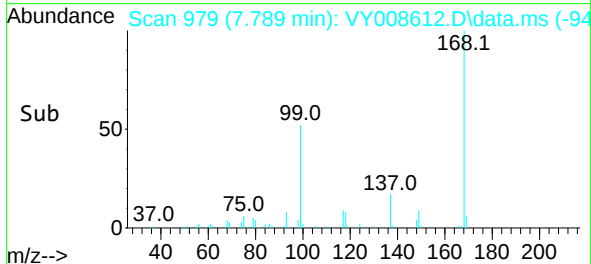
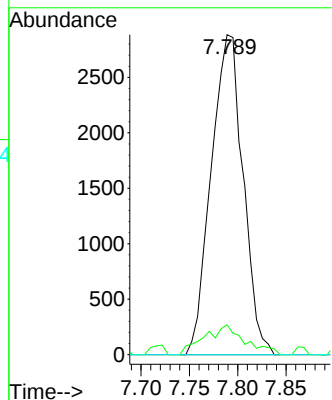
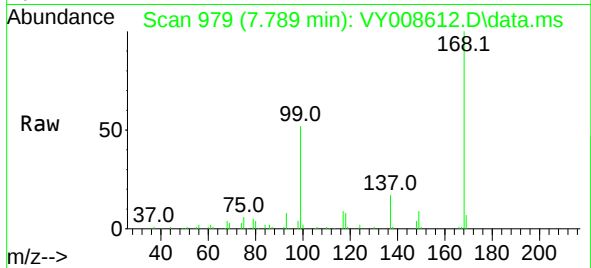




#38
Carbon Tetrachloride
Concen: 4.389 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008612.D
Acq: 04 May 2022 15:13

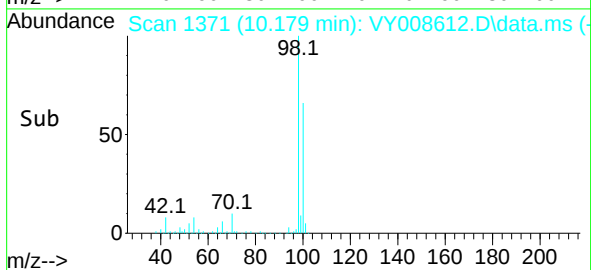
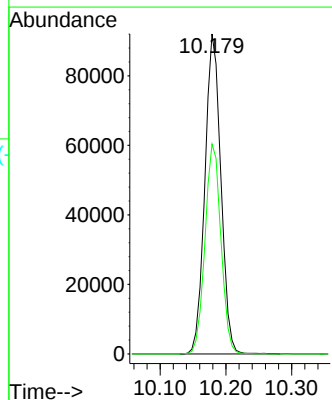
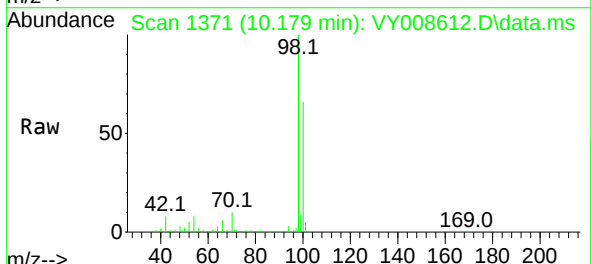
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

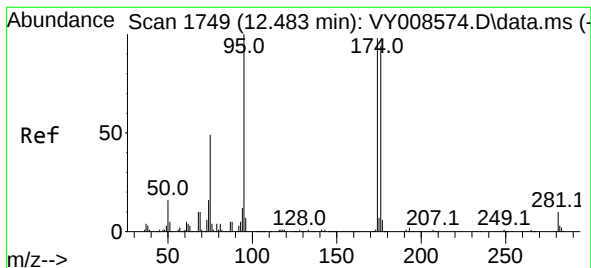
Tgt Ion:117 Resp: 6620
Ion Ratio Lower Upper
117 100
119 9.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.631 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008612.D
Acq: 04 May 2022 15:13

Tgt Ion: 98 Resp: 155535
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

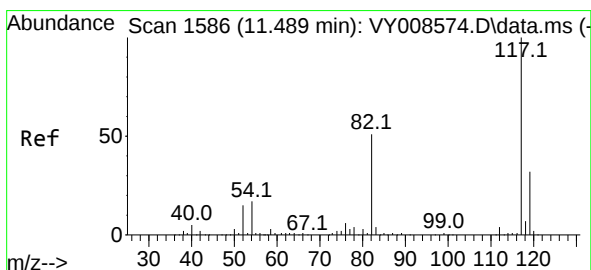
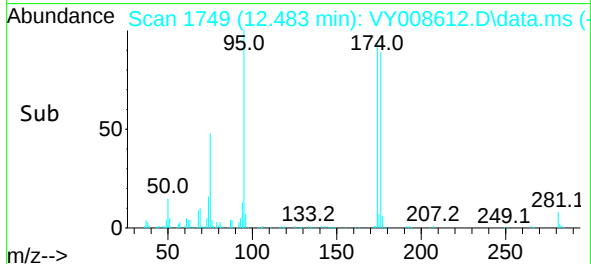
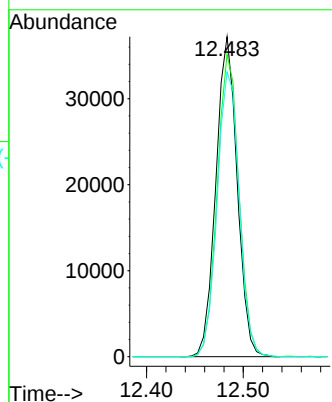
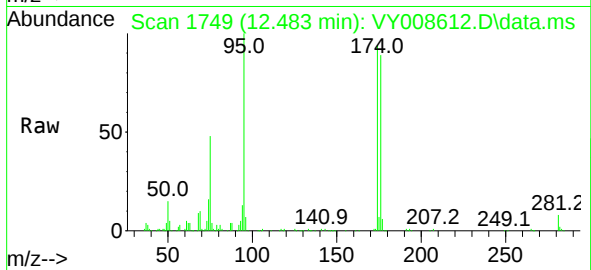




#62
4-Bromofluorobenzene
Concen: 51.474 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008612.D
Acq: 04 May 2022 15:13

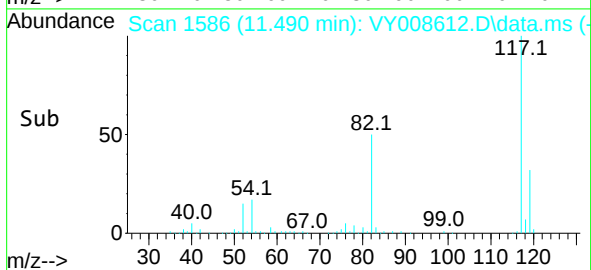
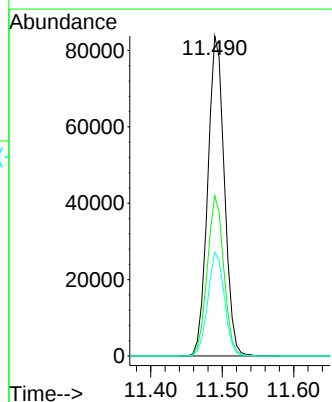
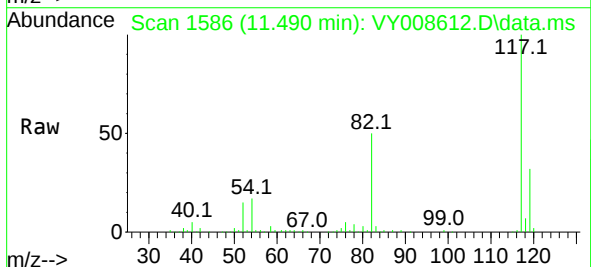
Instrument :
MSVOA_Y
ClientSampleId :
SS03-1-2-FT

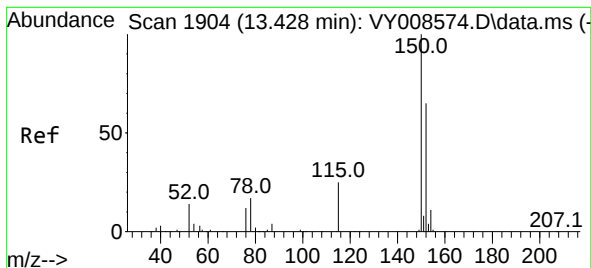
Tgt Ion: 95 Resp: 56834
Ion Ratio Lower Upper
95 100
174 96.6 0.0 177.0
176 92.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008612.D
Acq: 04 May 2022 15:13

Tgt Ion: 117 Resp: 135280
Ion Ratio Lower Upper
117 100
82 50.1 43.0 64.4
119 32.4 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: VY008612.D

Acq: 04 May 2022 15:13

Instrument :

MSVOA_Y

ClientSampleId :

SS03-1-2-FT

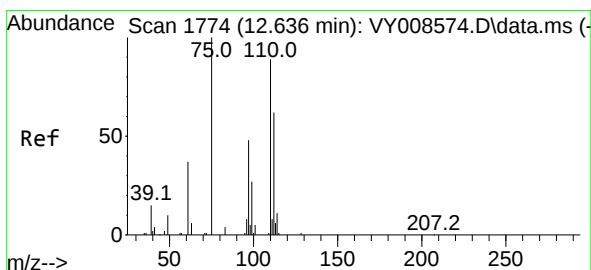
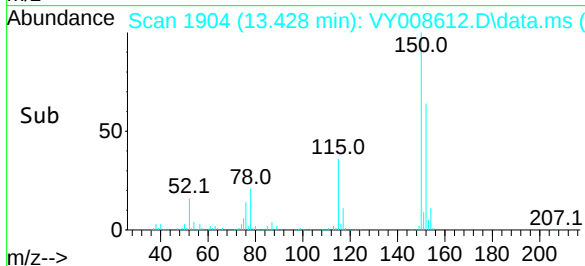
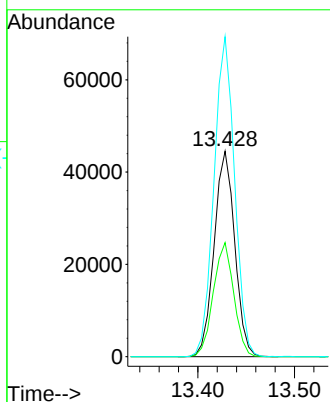
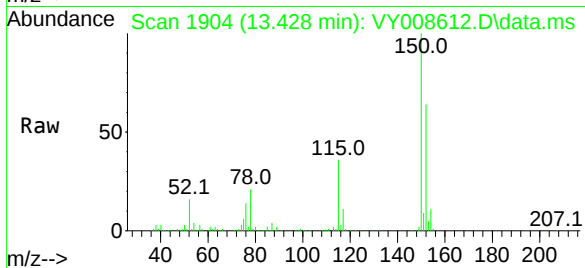
Tgt Ion:152 Resp: 65906

Ion Ratio Lower Upper

152 100

115 55.2 28.2 84.7

150 156.0 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 39.704 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008612.D

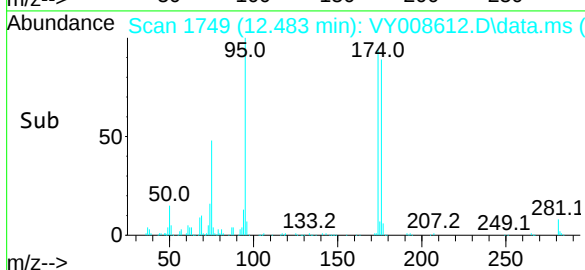
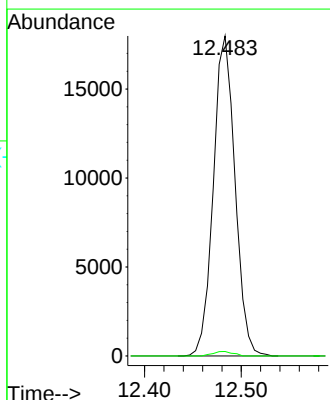
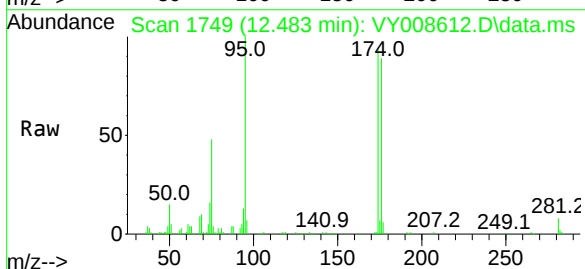
Acq: 04 May 2022 15:13

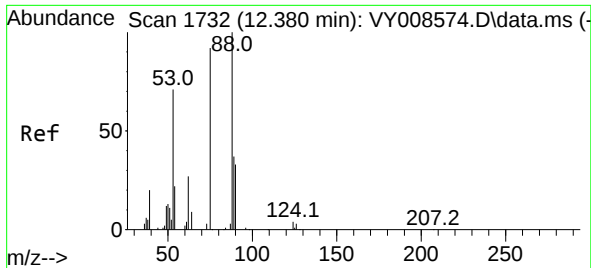
Tgt Ion: 75 Resp: 27933

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.496 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008612.D
 Acq: 04 May 2022 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 SS03-1-2-FT

Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

