

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008641.D
 Acq On : 05 May 2022 03:37
 Operator : KP/MD
 Sample : N2665-04
 Misc : 6.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8,16

Quant Time: May 05 04:43:58 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

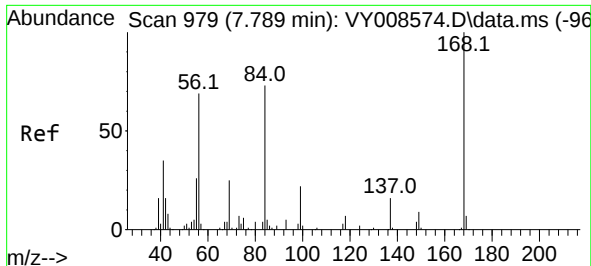
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	118365	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	202925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	105926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60625	52.698	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.400%	
35) Dibromofluoromethane	7.716	113	64363	47.934	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.860%	
50) Toluene-d8	10.179	98	244244	51.343	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.483	95	92399	52.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	162	Below Cal		90
11) Tert butyl alcohol	4.948	59	140	Below Cal	#	77
16) Acetone	3.948	43	573	2.312	ug/l #	47
18) Methyl Acetate	4.473	43	424	Below Cal	#	56
20) Methylene Chloride	4.716	84	8717	Below Cal	#	75
30) Chloroform	7.509	83	2561	1.056	ug/l	94
36) 1,1-Dichloropropene	7.789	75	7359	3.524	ug/l #	51
38) Carbon Tetrachloride	7.789	117	11149	4.680	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	48997	43.332	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	48997	87.852	ug/l #	9

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

Quant Time: May 05 04:43:58 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

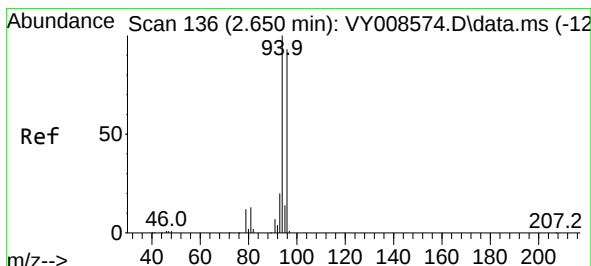
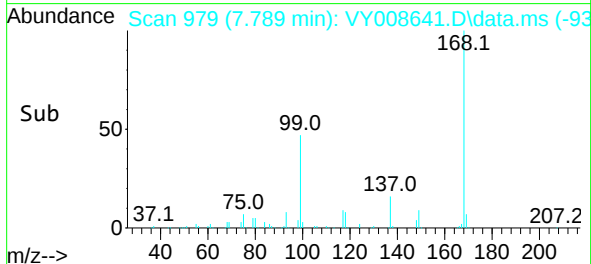
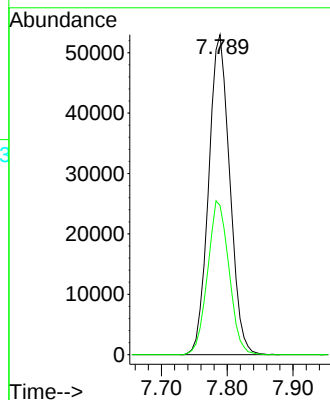
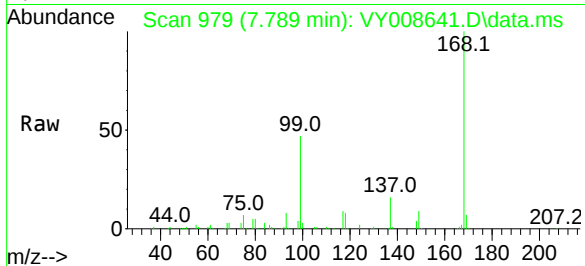




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

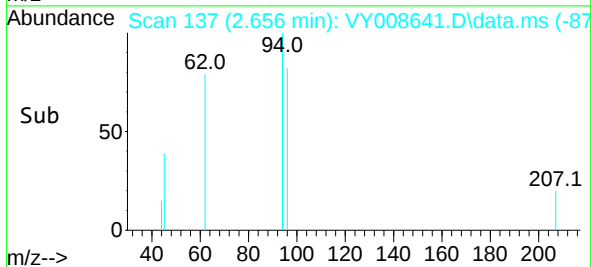
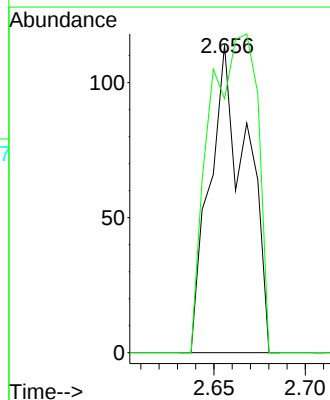
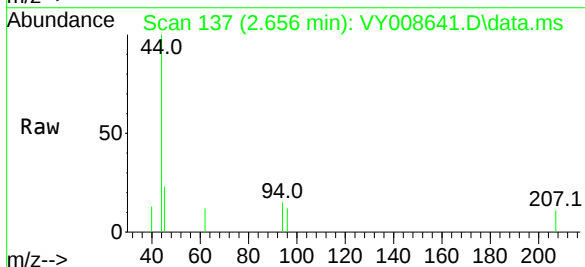
Instrument :
MSVOA_Y
ClientSampleId :
SB-8,16

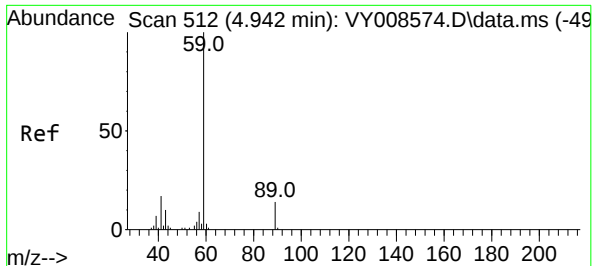
Tgt Ion:168 Resp: 118365
Ion Ratio Lower Upper
168 100
99 46.6 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 82.5 73.5 110.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY008641.D

Acq: 05 May 2022 03:37

Instrument :

MSVOA_Y

ClientSampleId :

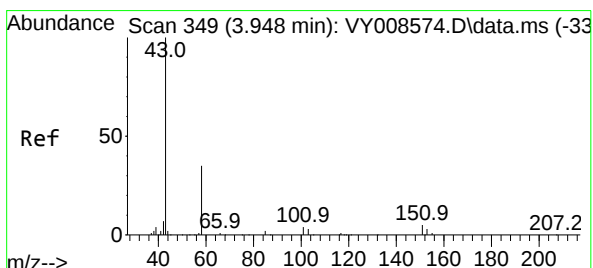
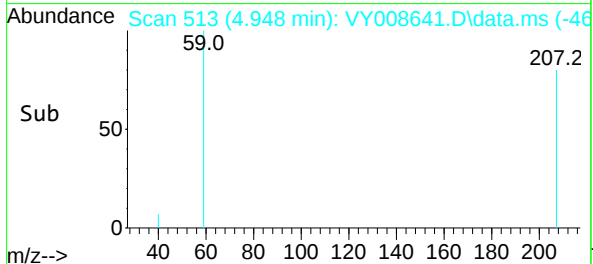
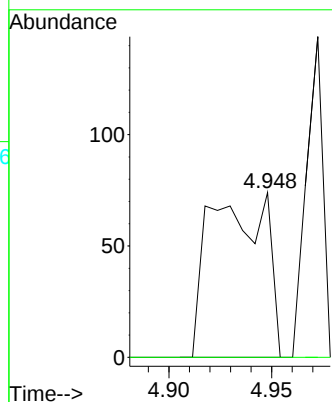
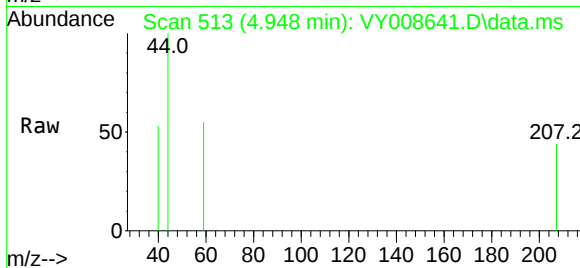
SB-8,16

Tgt Ion: 59 Resp: 140

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.312 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY008641.D

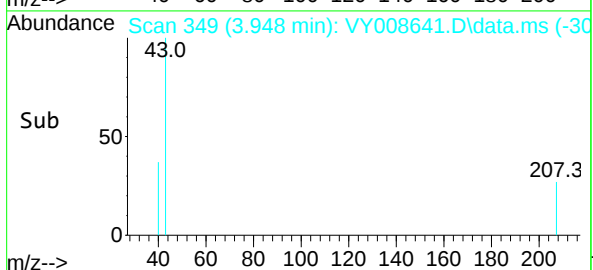
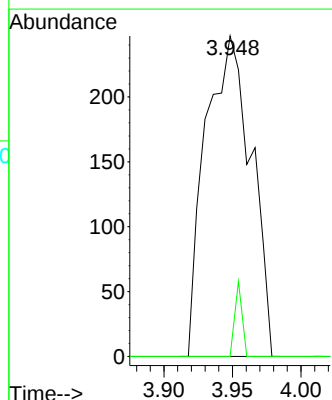
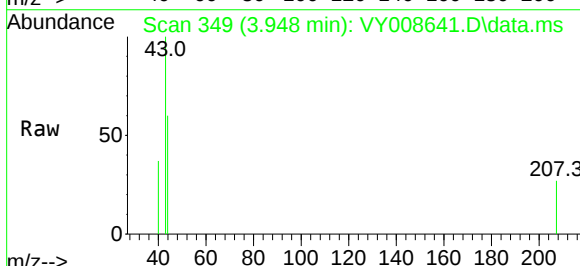
Acq: 05 May 2022 03:37

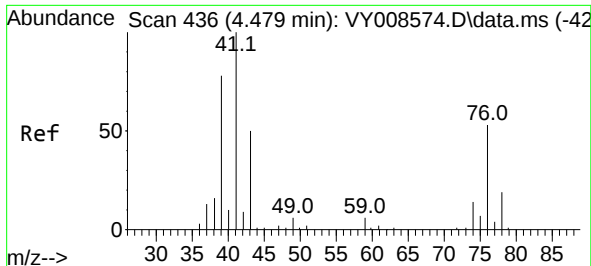
Tgt Ion: 43 Resp: 573

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#

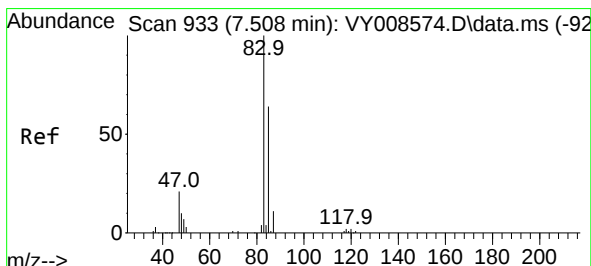
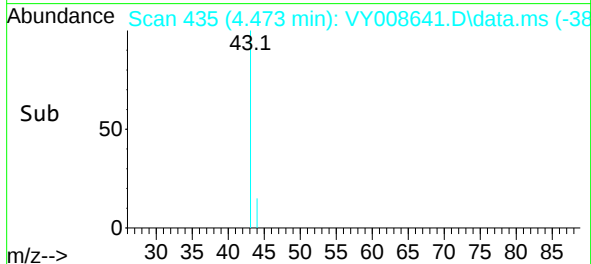
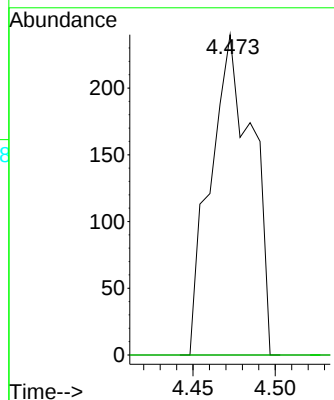
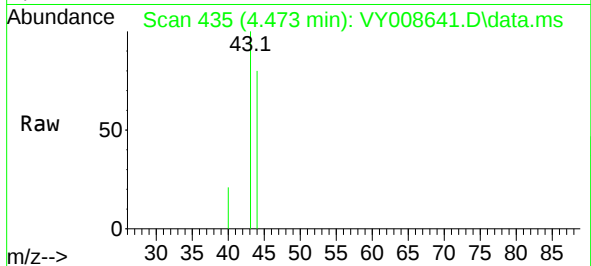




#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

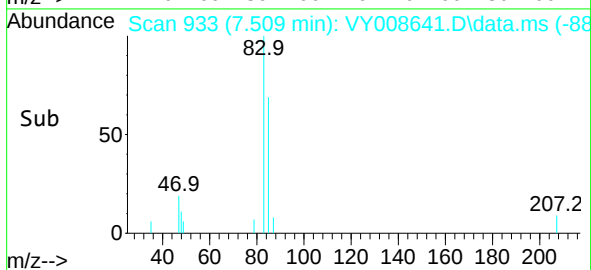
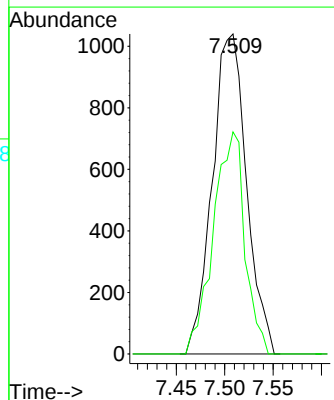
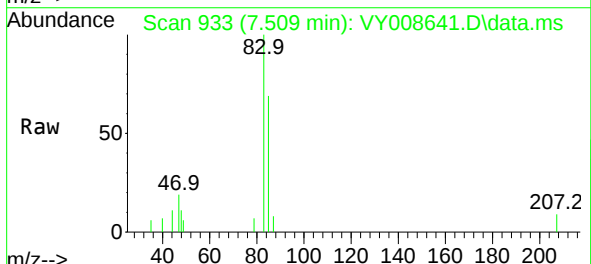
Instrument :
MSVOA_Y
ClientSampleId :
SB-8,16

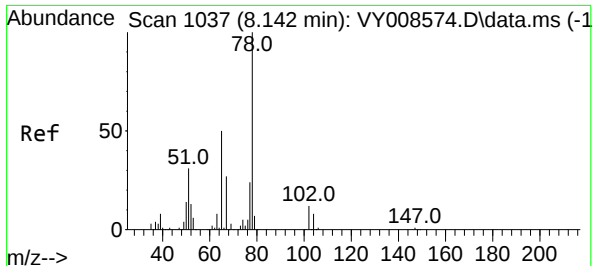
Tgt Ion: 43 Resp: 424
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#30
Chloroform
Concen: 1.056 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

Tgt Ion: 83 Resp: 2561
Ion Ratio Lower Upper
83 100
85 69.4 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: 52.698 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY008641.D

Acq: 05 May 2022 03:37

Instrument :

MSVOA_Y

ClientSampleId :

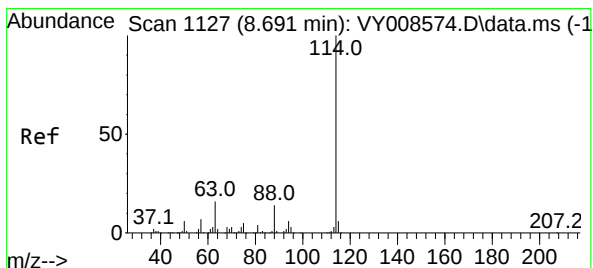
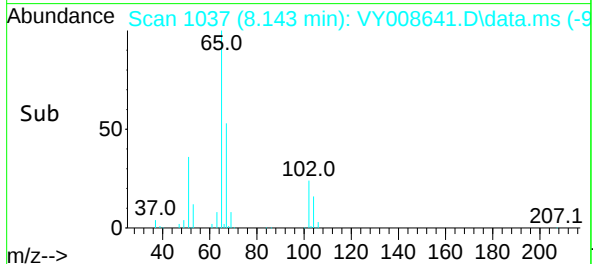
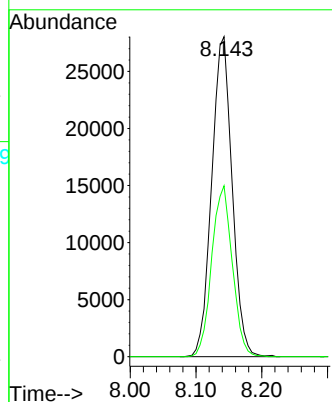
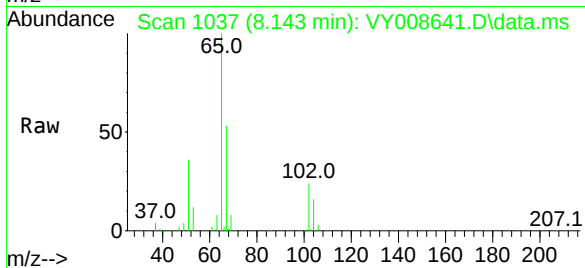
SB-8,16

Tgt Ion: 65 Resp: 60625

Ion Ratio Lower Upper

65 100

67 53.9 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: VY008641.D

Acq: 05 May 2022 03:37

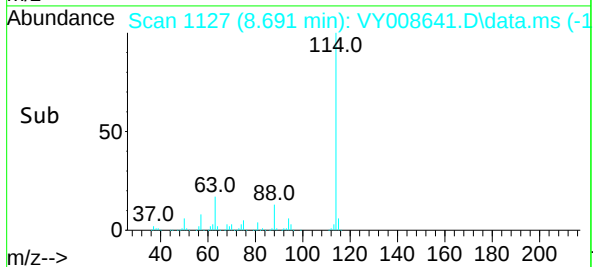
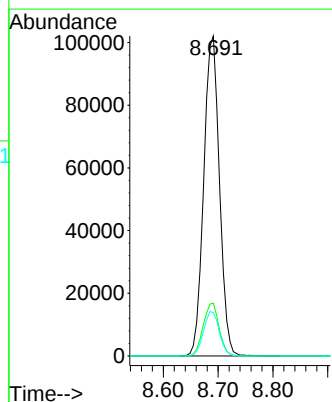
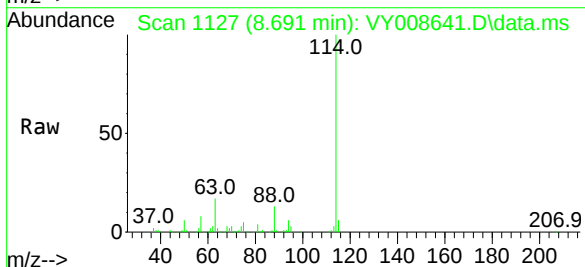
Tgt Ion: 114 Resp: 202925

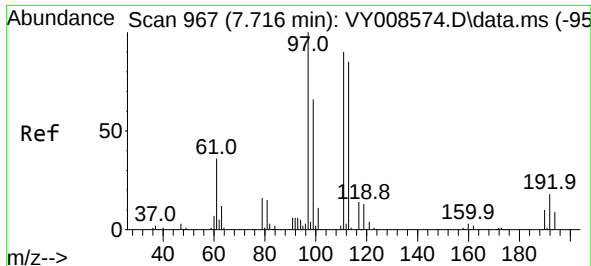
Ion Ratio Lower Upper

114 100

63 16.5 0.0 43.2

88 13.5 0.0 31.8

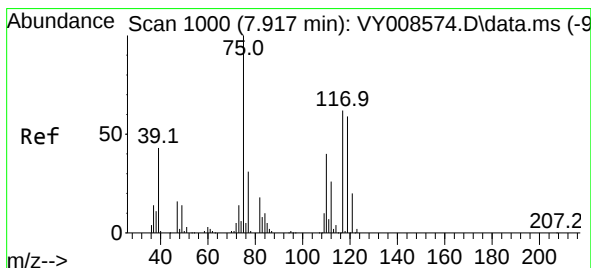
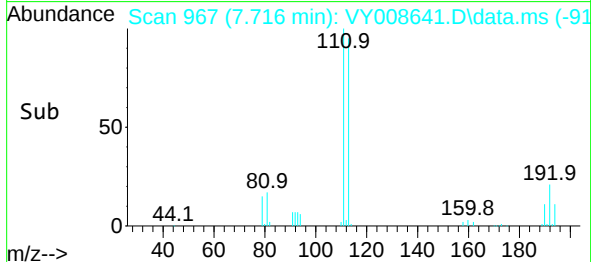
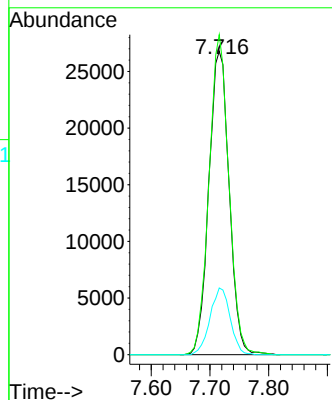
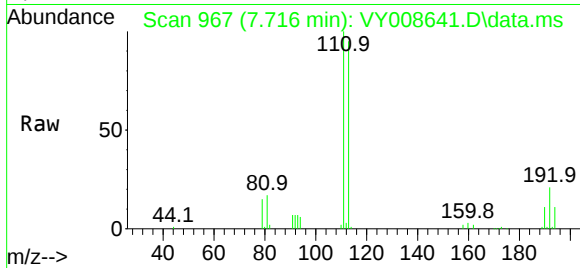




#35
Dibromofluoromethane
Concen: 47.934 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

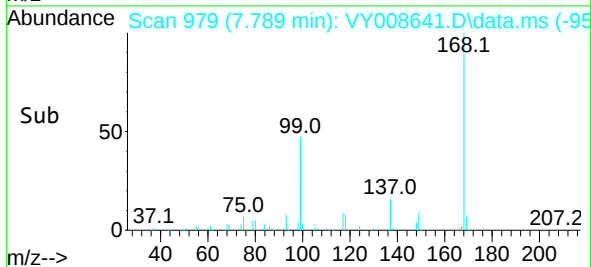
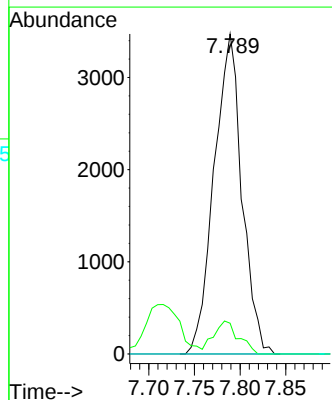
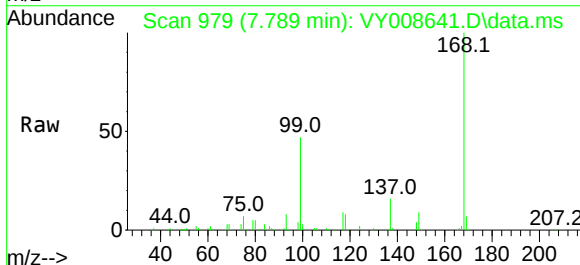
Instrument :
MSVOA_Y
ClientSampleId :
SB-8,16

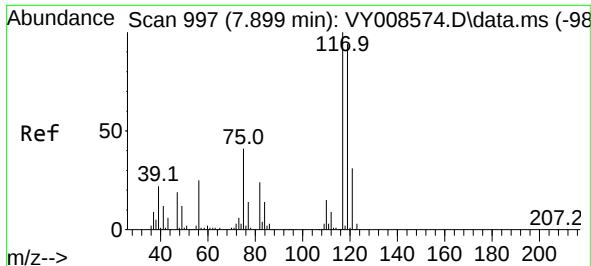
Tgt Ion:113 Resp: 64363
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 21.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.524 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

Tgt Ion: 75 Resp: 7359
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#

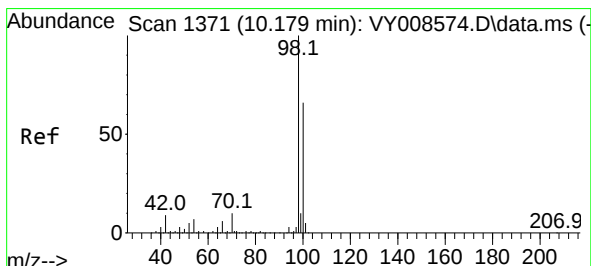
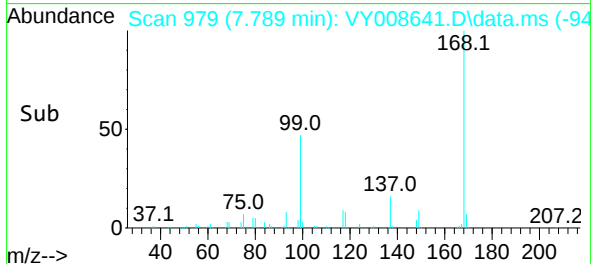
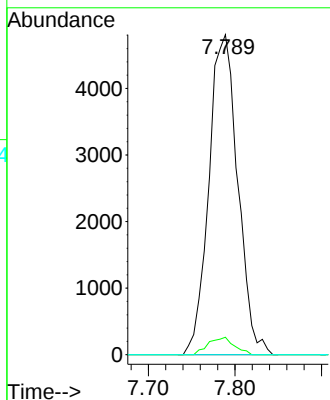
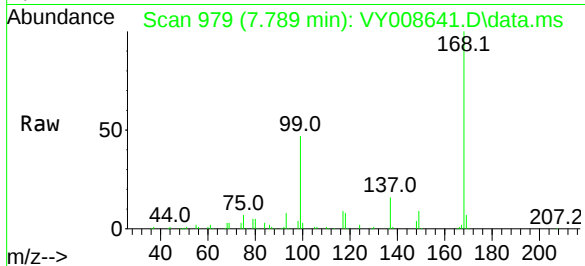




#38
Carbon Tetrachloride
Concen: 4.680 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

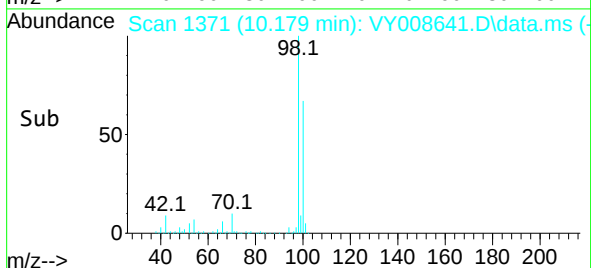
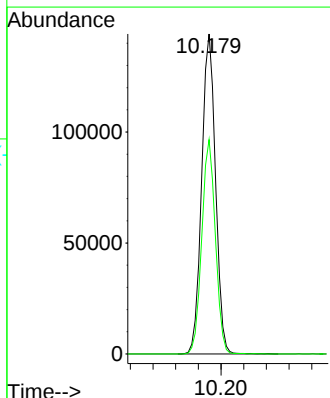
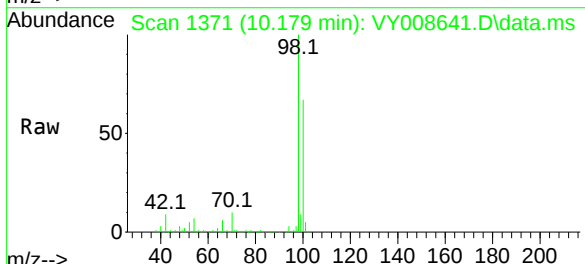
Instrument :
MSVOA_Y
ClientSampleId :
SB-8,16

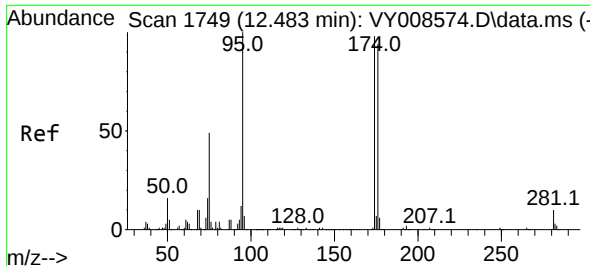
Tgt Ion:117 Resp: 11149
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.343 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

Tgt Ion: 98 Resp: 244244
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2

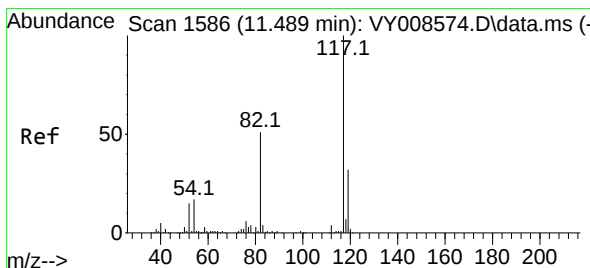
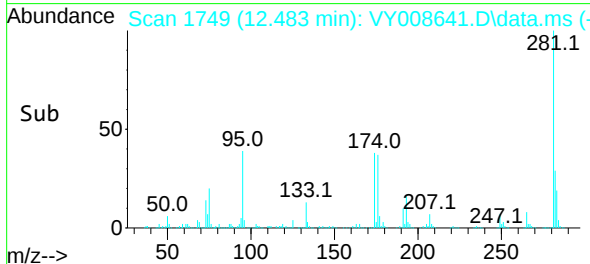
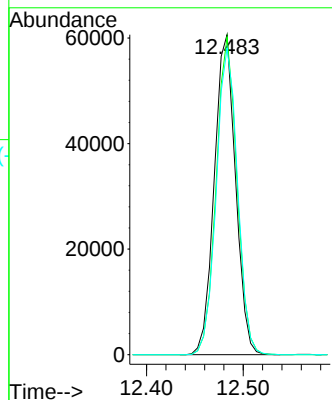
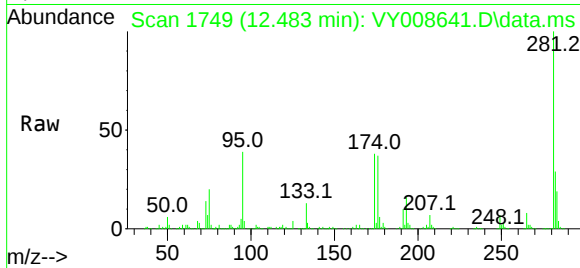




#62
4-Bromofluorobenzene
Concen: 52.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

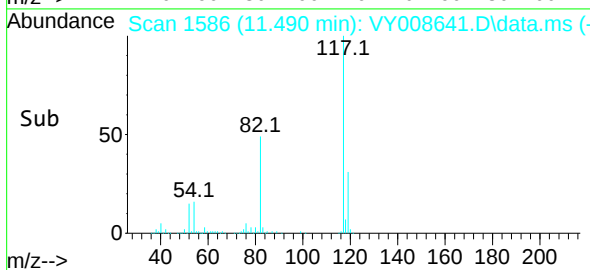
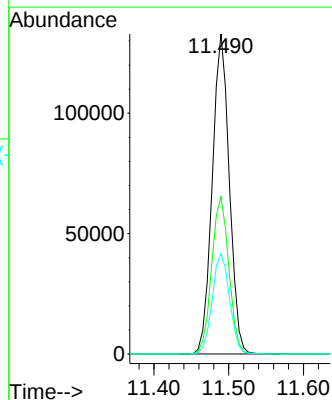
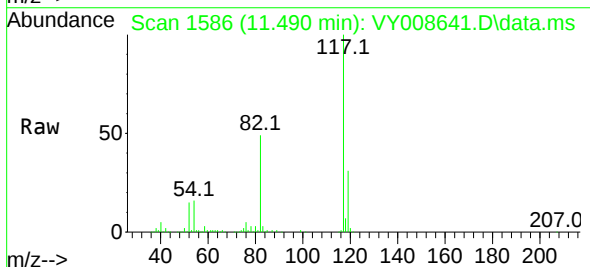
Instrument :
MSVOA_Y
ClientSampleId :
SB-8,16

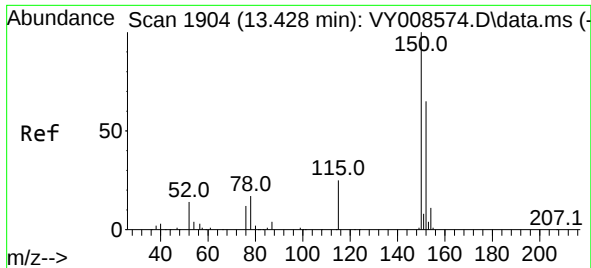
Tgt Ion: 95 Resp: 92399
Ion Ratio Lower Upper
95 100
174 97.0 0.0 177.0
176 96.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

Tgt Ion: 117 Resp: 210875
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 31.4 25.4 38.0

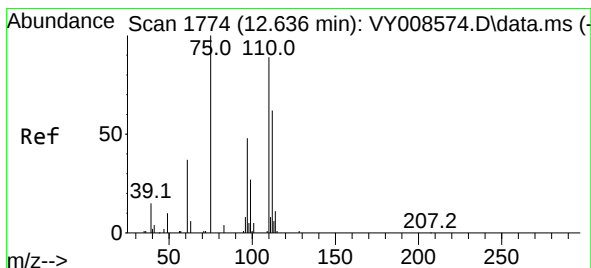
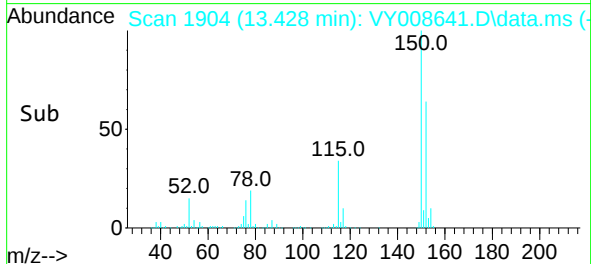
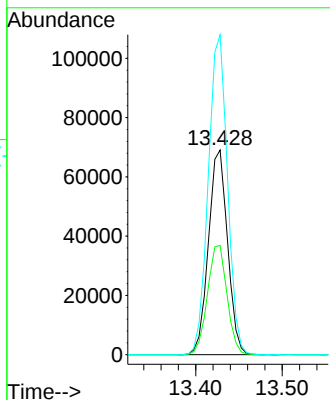
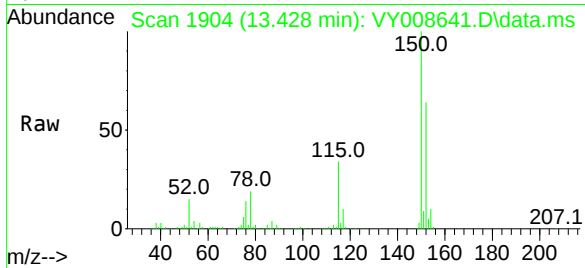




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008641.D
 Acq: 05 May 2022 03:37

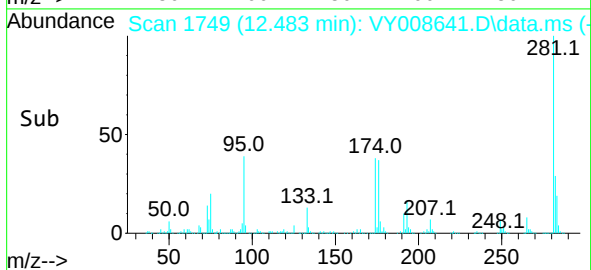
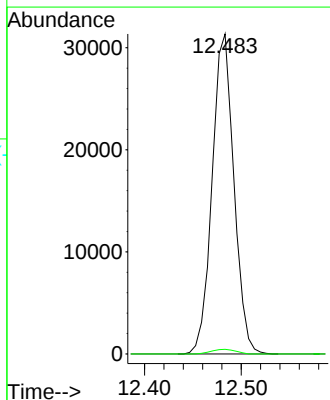
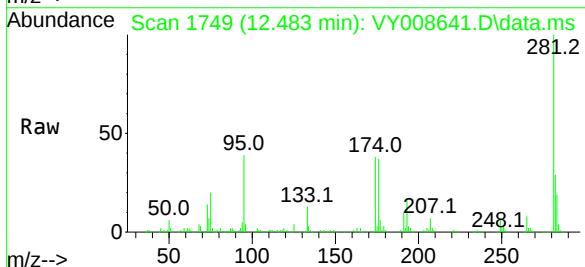
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8,16

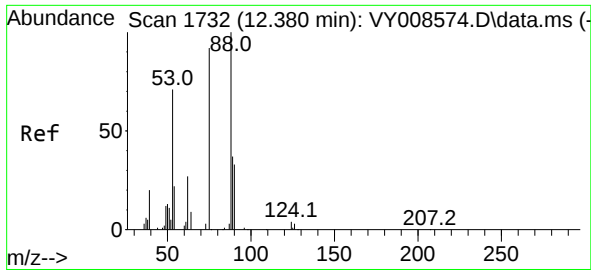
Tgt Ion:152 Resp: 105926
 Ion Ratio Lower Upper
 152 100
 115 54.7 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.332 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008641.D
 Acq: 05 May 2022 03:37

Tgt Ion: 75 Resp: 48997
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.852 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY008641.D
Acq: 05 May 2022 03:37

Instrument :
MSVOA_Y
ClientSampleId :
SB-8,16

Tgt Ion: 75 Resp: 48997
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 3.4 37.0 55.4#

