

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040722\
 Data File : VY008246.D
 Acq On : 07 Apr 2022 15:01
 Operator : KP/MD
 Sample : N2281-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-040622RE

Quant Time: Apr 08 02:35:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

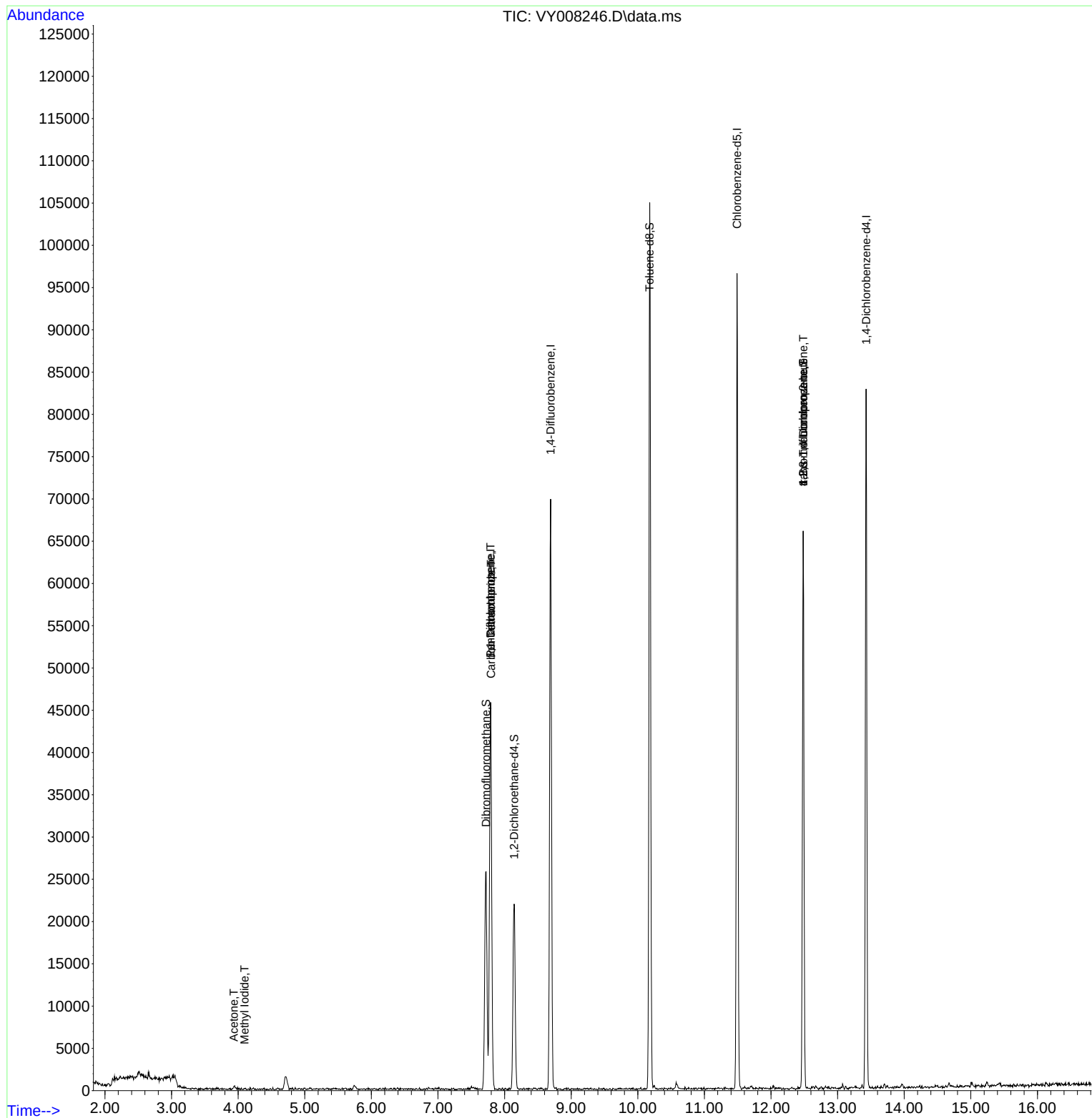
Internal Standards						
1) Pentafluorobenzene	7.789	168	36032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	61762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	52444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	20910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	17266	47.761	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.520%		
35) Dibromofluoromethane	7.722	113	18287	47.225	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.460%		
50) Toluene-d8	10.179	98	71013	48.676	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.360%		
62) 4-Bromofluorobenzene	12.483	95	20570	39.965	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	79.920%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	144	1.986	ug/l #	35
16) Acetone	3.936	43	437	5.289	ug/l #	47
20) Methylene Chloride	4.716	84	1309	Below Cal	#	79
36) 1,1-Dichloropropene	7.789	75	2892	4.754	ug/l #	50
38) Carbon Tetrachloride	7.795	117	3569	5.384	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	10746	42.159	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	10746	94.063	ug/l #	7

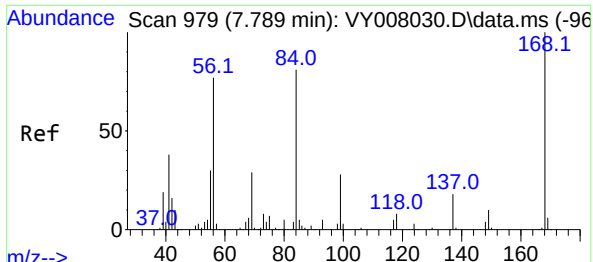
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040722\
Data File : VY008246.D
Acq On : 07 Apr 2022 15:01
Operator : KP/MD
Sample : N2281-01RE
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622RE

Quant Time: Apr 08 02:35:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

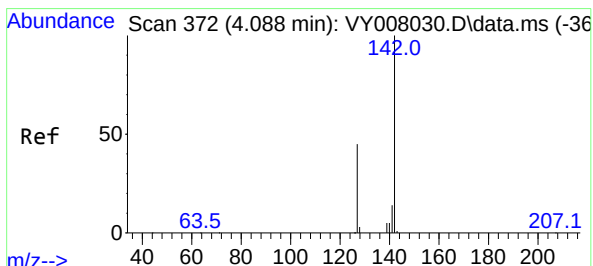
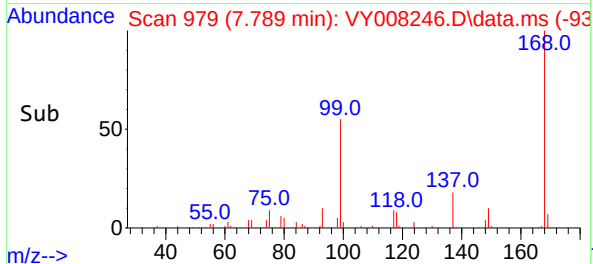
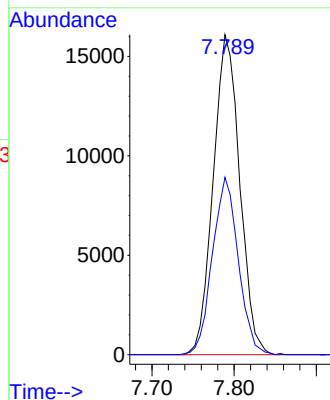
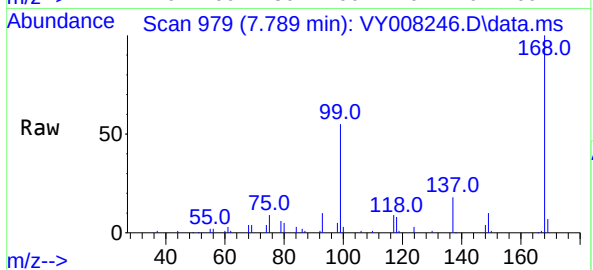




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

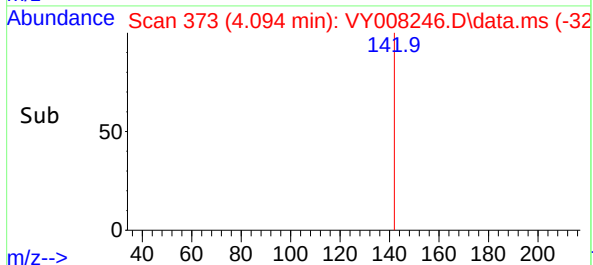
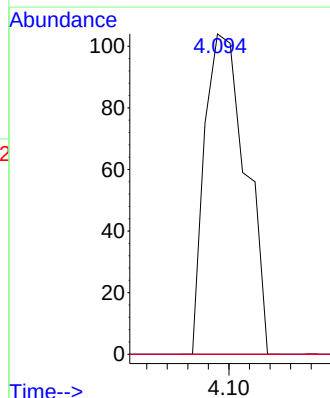
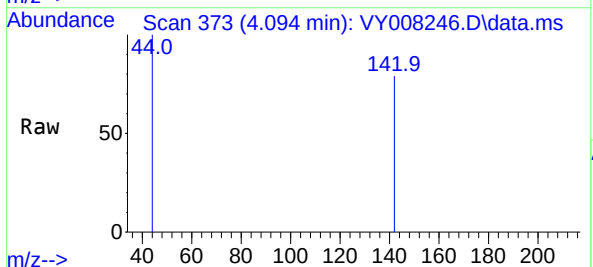
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622RE

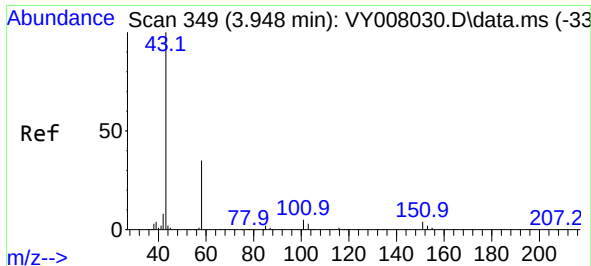
Tgt Ion:168 Resp: 36032
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#10
Methyl Iodide
Concen: 1.986 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

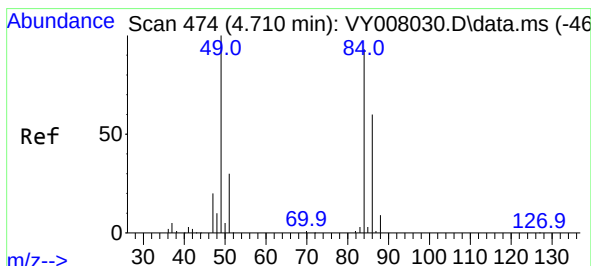
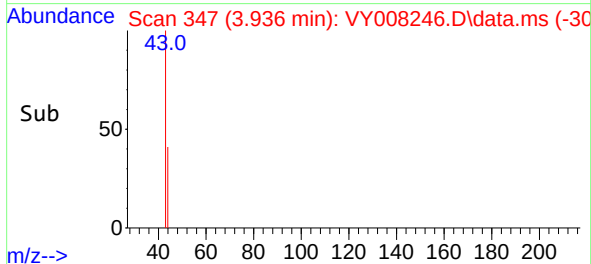
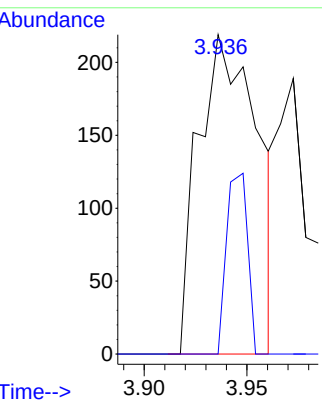
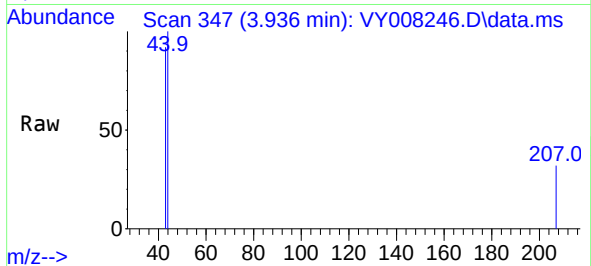




#16
Acetone
Concen: 5.289 ug/l
RT: 3.936 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

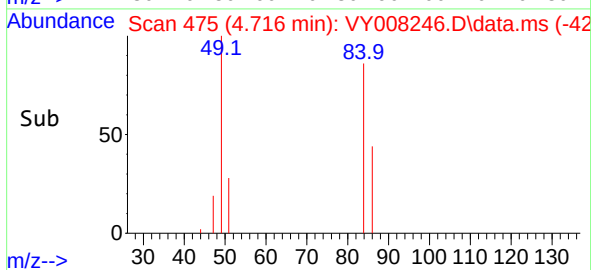
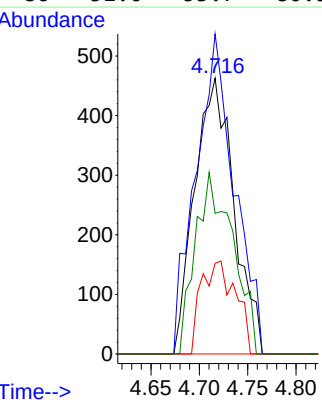
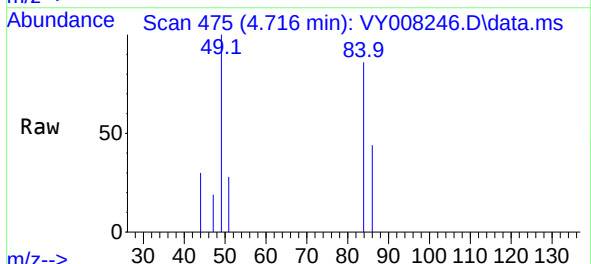
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622RE

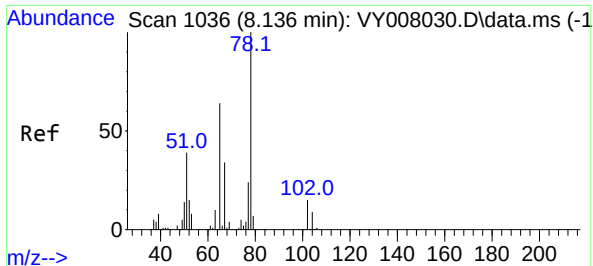
Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

Tgt Ion: 84 Resp: 1309
Ion Ratio Lower Upper
84 100
49 116.0 114.4 171.6
51 32.8 35.3 52.9#
86 51.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 47.761 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008246.D

Acq: 07 Apr 2022 15:01

Instrument :

MSVOA_Y

ClientSampleId :

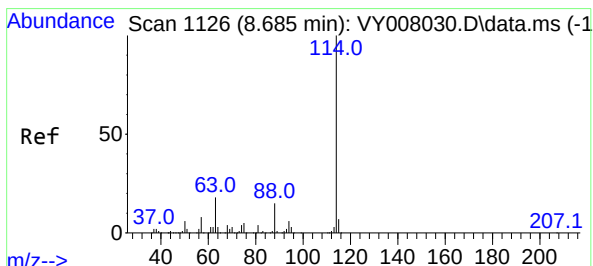
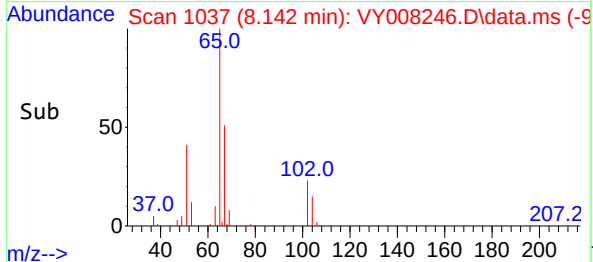
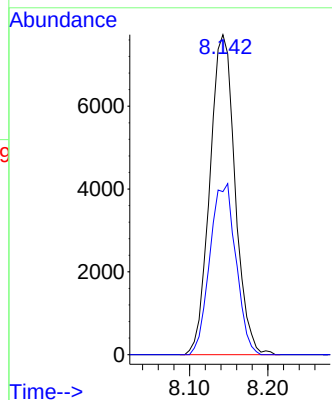
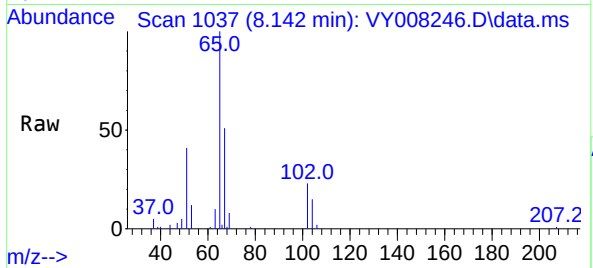
TR-05-040622RE

Tgt Ion: 65 Resp: 17266

Ion Ratio Lower Upper

65 100

67 55.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008246.D

Acq: 07 Apr 2022 15:01

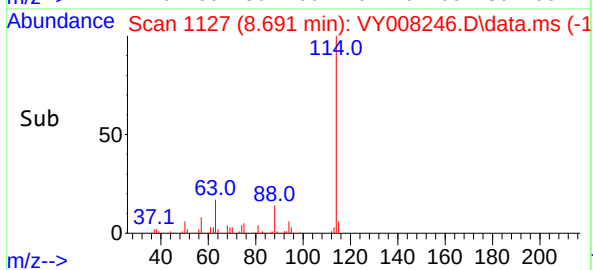
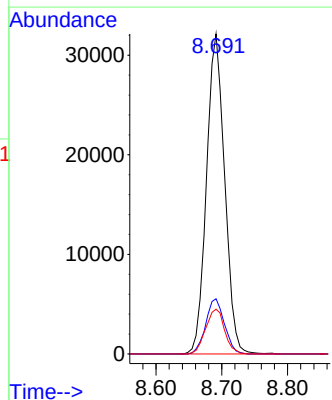
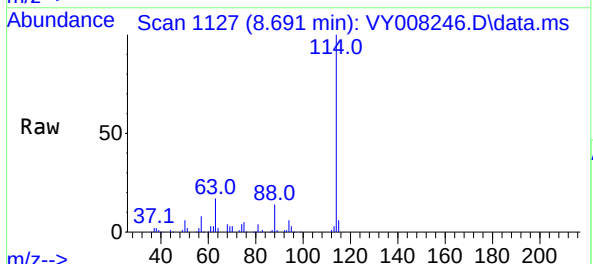
Tgt Ion: 114 Resp: 61762

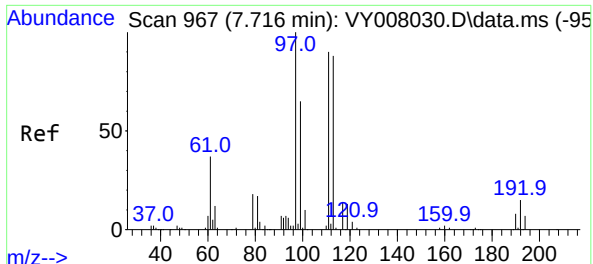
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

88 14.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.225 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY008246.D

Acq: 07 Apr 2022 15:01

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-040622RE

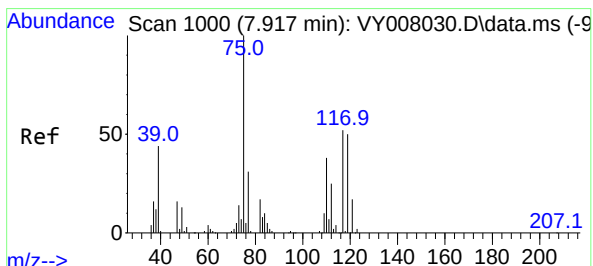
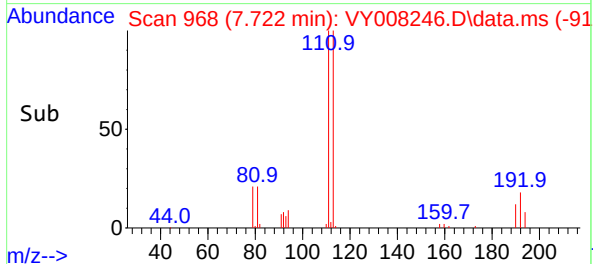
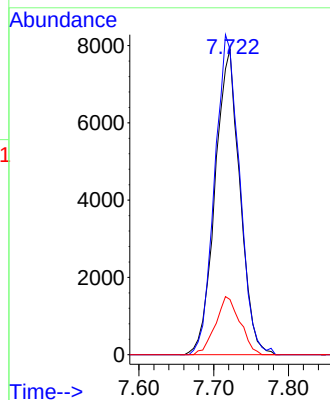
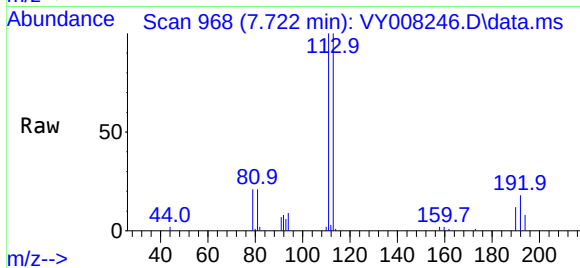
Tgt Ion:113 Resp: 18287

Ion Ratio Lower Upper

113 100

111 104.8 82.6 124.0

192 18.8 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.754 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY008246.D

Acq: 07 Apr 2022 15:01

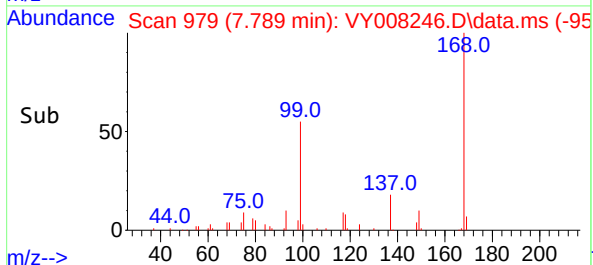
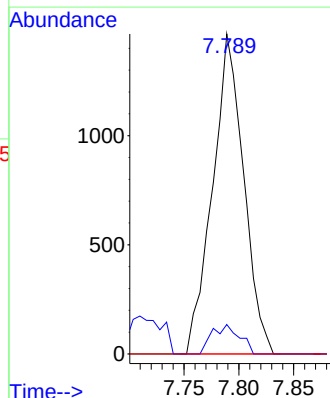
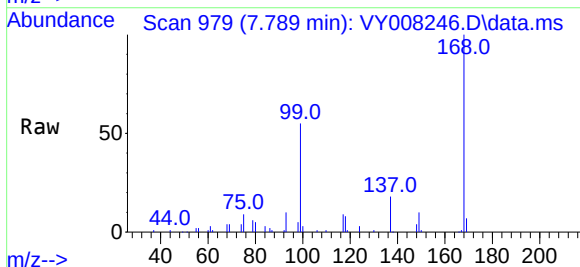
Tgt Ion: 75 Resp: 2892

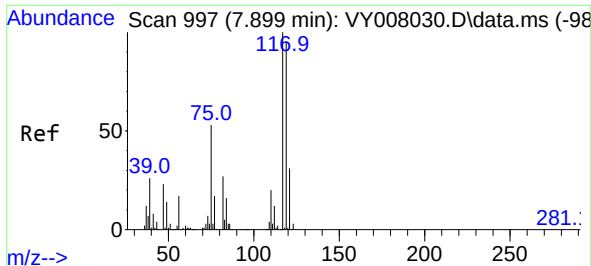
Ion Ratio Lower Upper

75 100

110 8.1 17.1 51.2#

77 0.0 24.4 36.6#

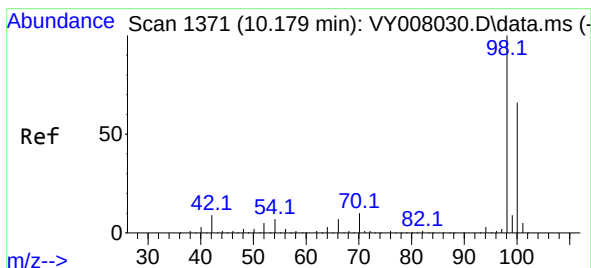
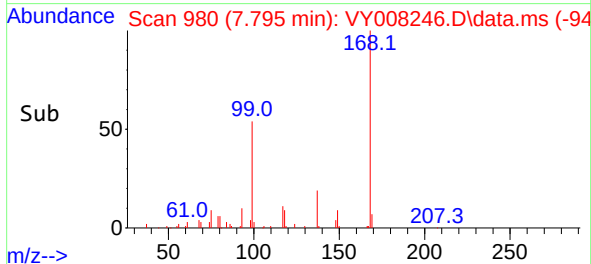
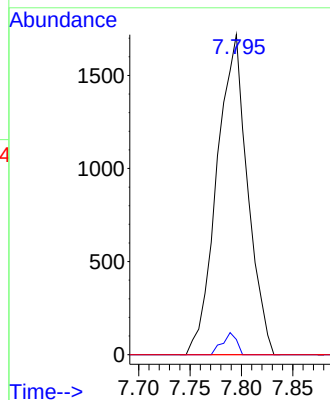
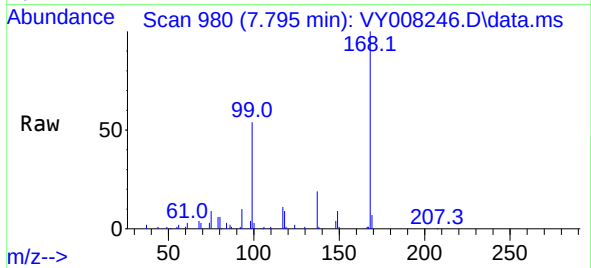




#38
Carbon Tetrachloride
Concen: 5.384 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

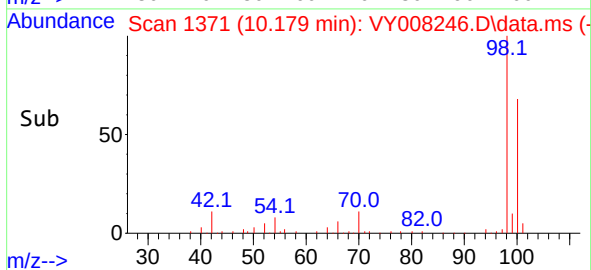
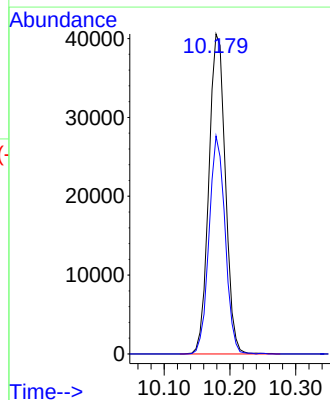
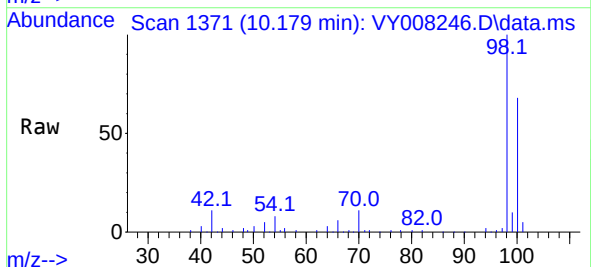
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622RE

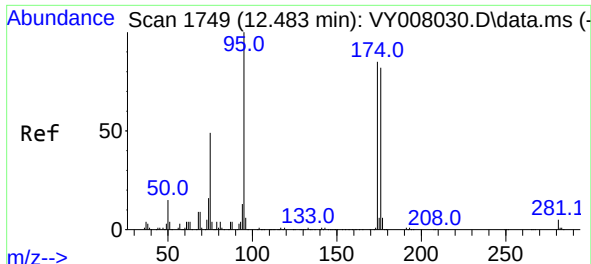
Tgt Ion:117 Resp: 3569
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.676 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

Tgt Ion: 98 Resp: 71013
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

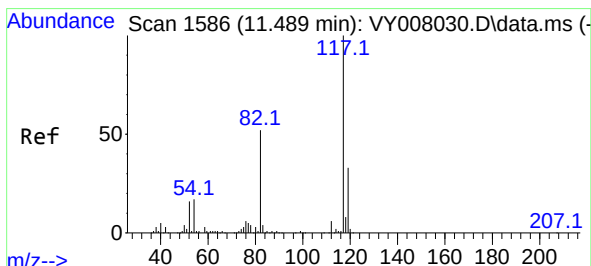
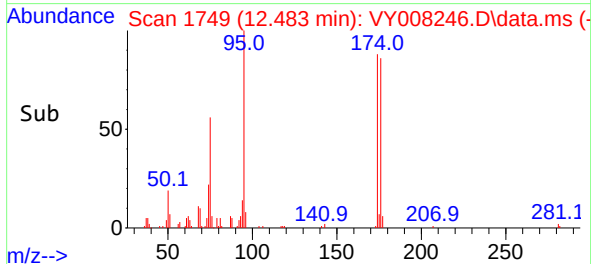
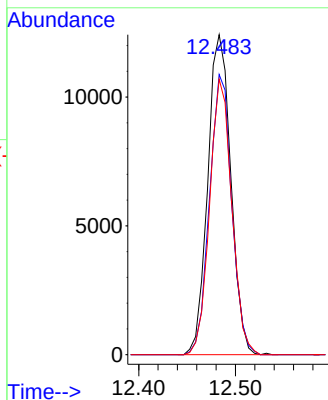
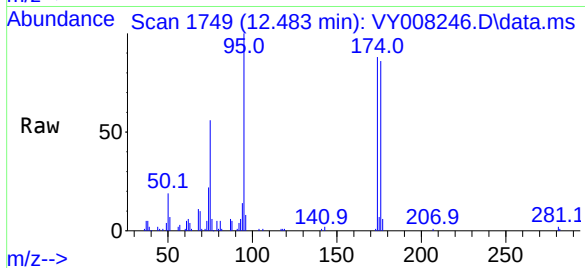




#62
4-Bromofluorobenzene
Concen: 39.965 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

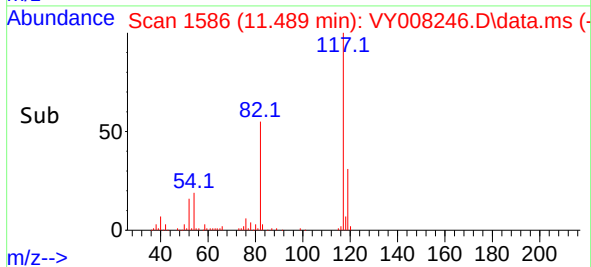
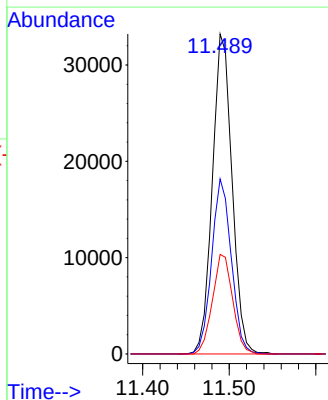
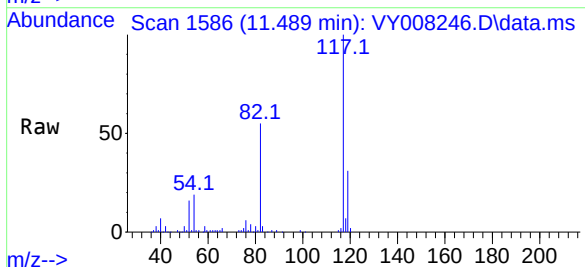
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-040622RE

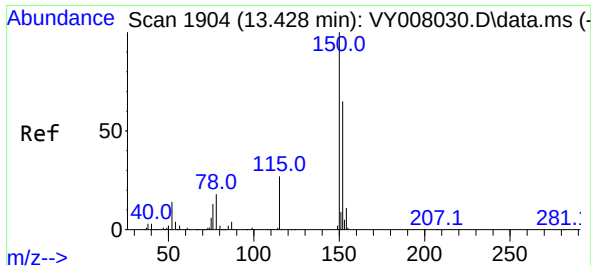
Tgt Ion: 95 Resp: 20570
Ion Ratio Lower Upper
95 100
174 84.5 0.0 177.0
176 82.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008246.D
Acq: 07 Apr 2022 15:01

Tgt Ion: 117 Resp: 52444
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 31.1 25.4 38.0

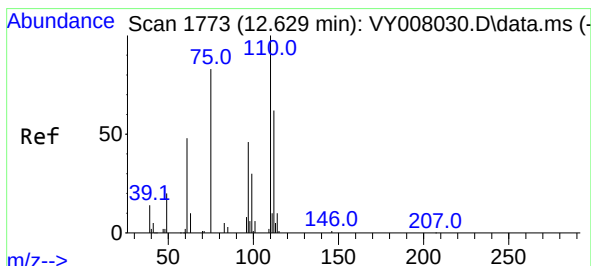
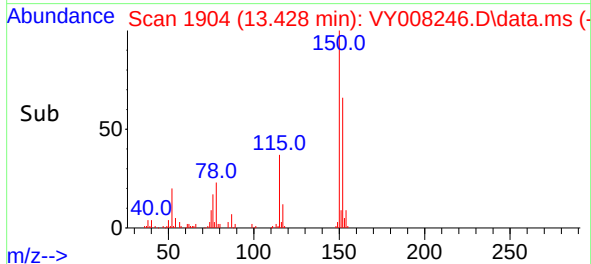
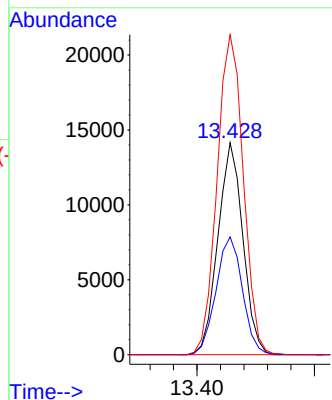
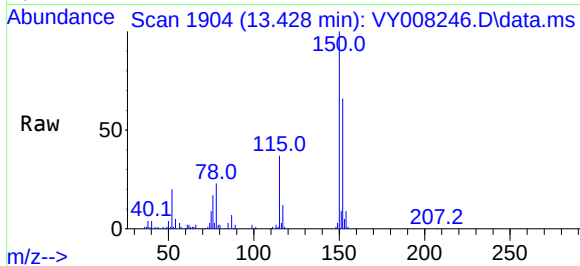




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008246.D
 Acq: 07 Apr 2022 15:01

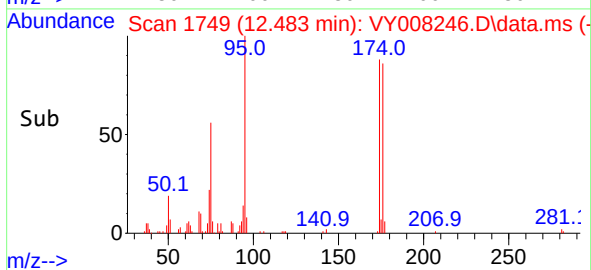
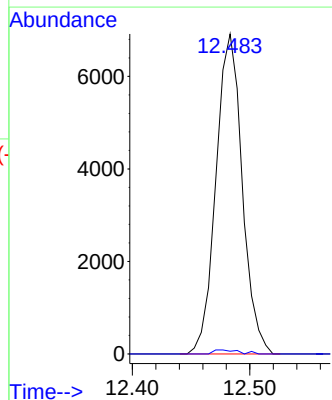
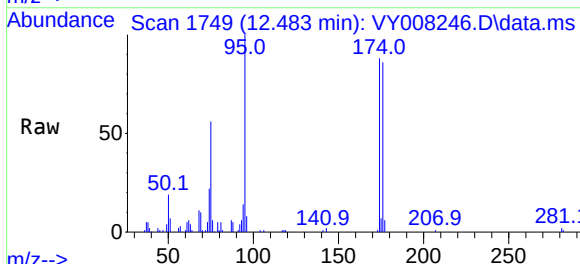
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-040622RE

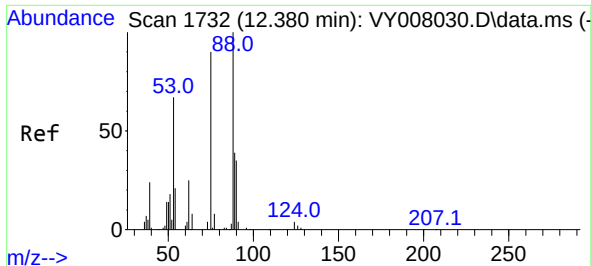
Tgt Ion:152 Resp: 20910
 Ion Ratio Lower Upper
 152 100
 115 58.8 28.2 84.7
 150 158.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.159 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008246.D
 Acq: 07 Apr 2022 15:01

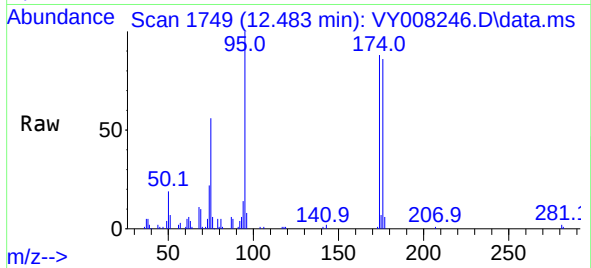
Tgt Ion: 75 Resp: 10746
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.063 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008246.D
 Acq: 07 Apr 2022 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-040622RE



Tgt Ion: 75 Resp: 10746
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

