

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
 Data File : VY006445.D
 Acq On : 22 Oct 2021 17:34
 Operator : SY/MD
 Sample : M4315-04
 Misc : 4.62G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-D-D

Quant Time: Oct 23 07:23:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

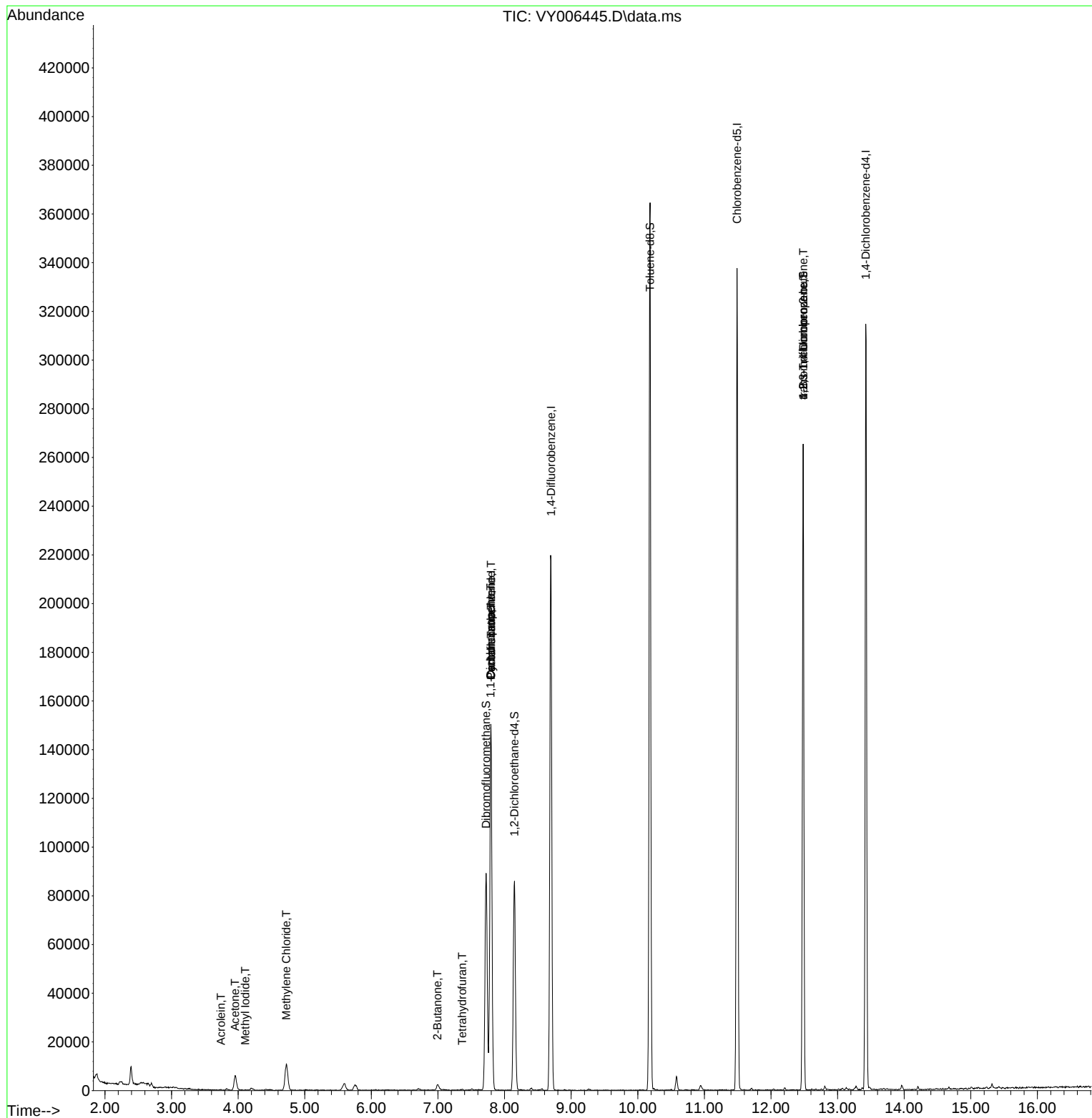
Internal Standards						
1) Pentafluorobenzene	7.795	168	112166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	177616	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	169476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71522	51.817	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.640%	
35) Dibromofluoromethane	7.722	113	59789	60.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.780%	
50) Toluene-d8	10.185	98	227721	54.262	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.520%	
62) 4-Bromofluorobenzene	12.483	95	70675	49.993	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.980%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	203	5.225	ug/l #	36
13) Acrolein	3.741	56	181	2.088	ug/l #	49
16) Acetone	3.954	43	10339	26.014	ug/l #	86
20) Methylene Chloride	4.723	84	7378	2.123	ug/l	97
25) 2-Butanone	6.990	43	3822	7.340	ug/l #	76
29) Tetrahydrofuran	7.362	42	321	1.005	ug/l #	36
31) Cyclohexane	7.795	56	2870	1.284	ug/l #	47
36) 1,1-Dichloropropene	7.789	75	9646	5.496	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11366	5.871	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42079	52.757	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42079	108.309	ug/l #	7

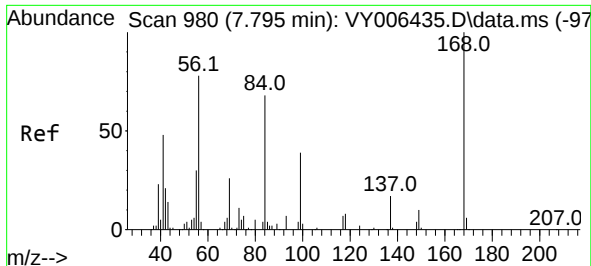
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102221\
Data File : VY006445.D
Acq On : 22 Oct 2021 17:34
Operator : SY/MD
Sample : M4315-04
Misc : 4.62G/5ML/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-D-D

Quant Time: Oct 23 07:23:30 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
Quant Title : SW846 8260
QLast Update : Sat Oct 23 06:59:04 2021
Response via : Initial Calibration

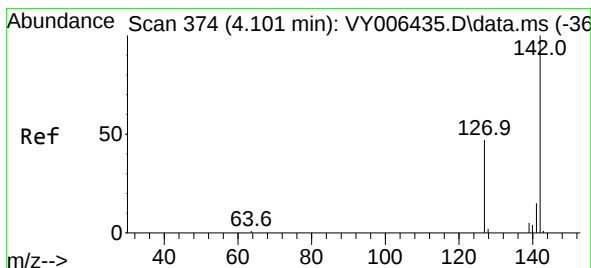
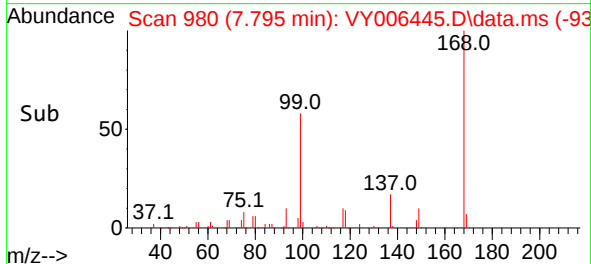
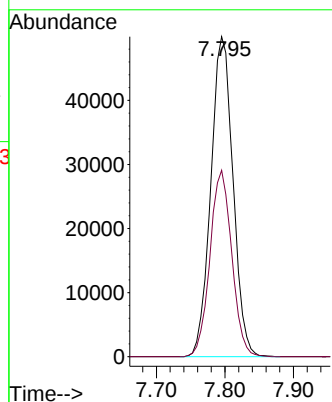
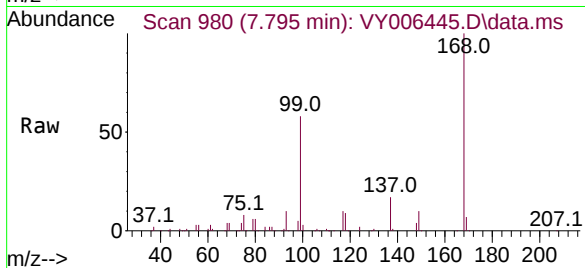




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

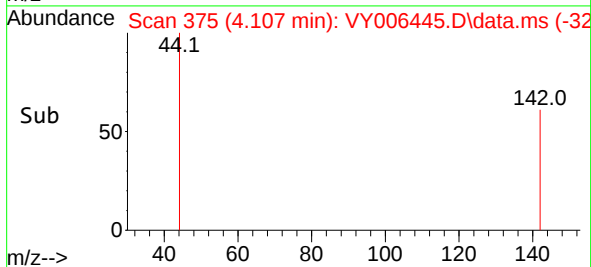
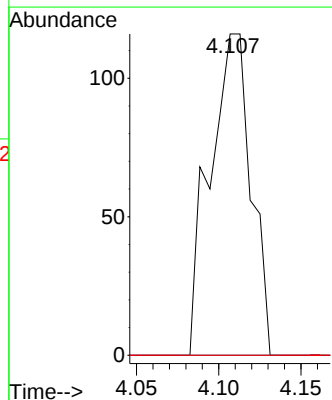
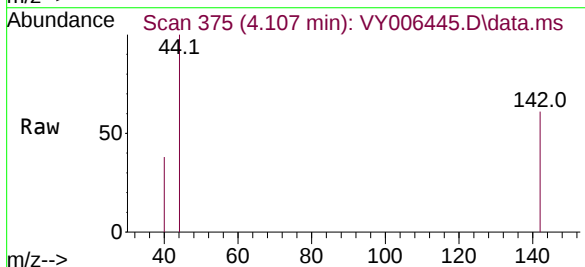
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-D

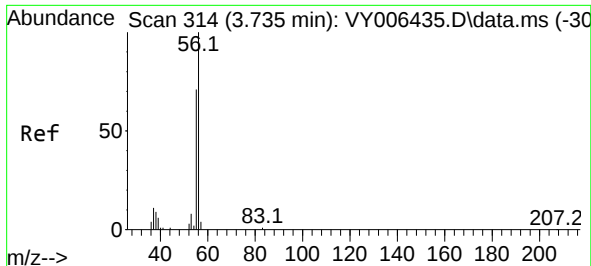
Tgt Ion:168 Resp: 112166
Ion Ratio Lower Upper
168 100
99 58.3 44.8 67.2



#10
Methyl Iodide
Concen: 5.225 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

Tgt Ion:142 Resp: 203
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

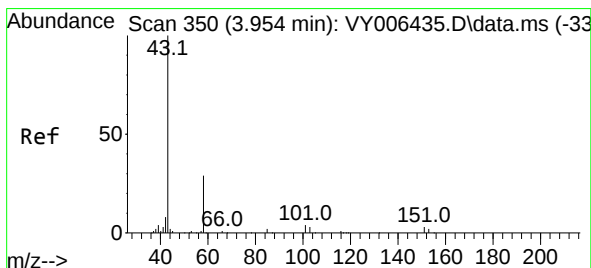
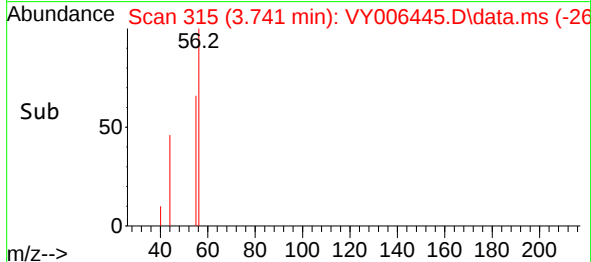
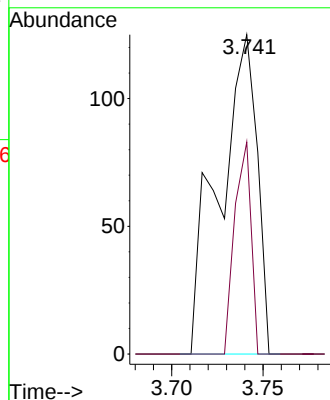
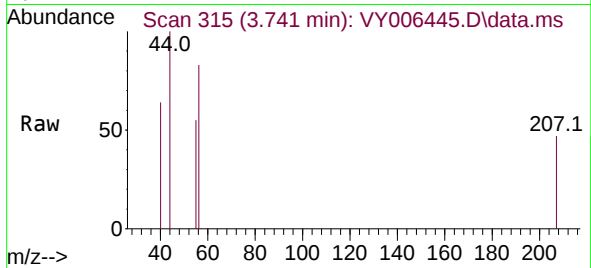




#13
Acrolein
Concen: 2.088 ug/l
RT: 3.741 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

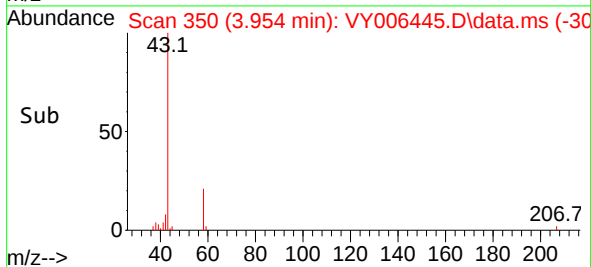
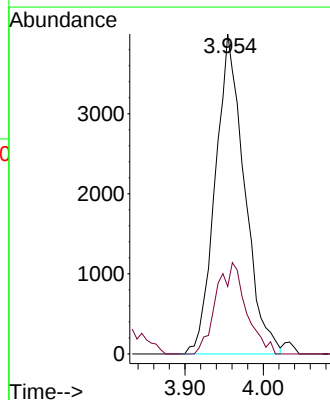
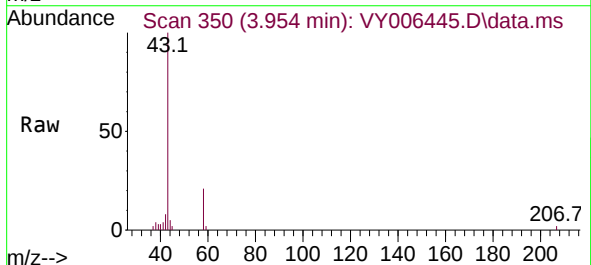
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-D

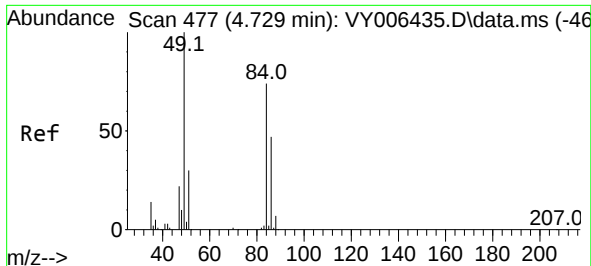
Tgt Ion: 56 Resp: 181
Ion Ratio Lower Upper
56 100
55 28.7 57.1 85.7#



#16
Acetone
Concen: 26.014 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

Tgt Ion: 43 Resp: 10339
Ion Ratio Lower Upper
43 100
58 21.1 22.9 34.3#



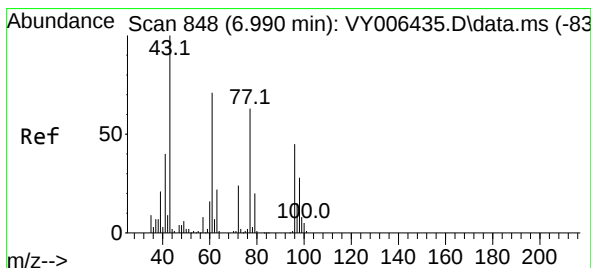
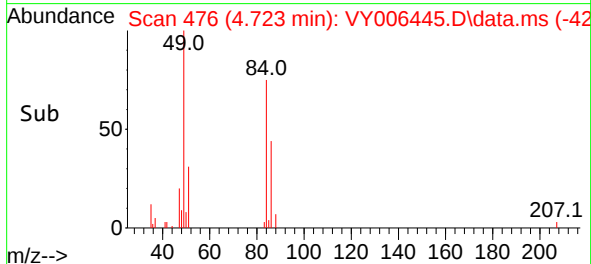
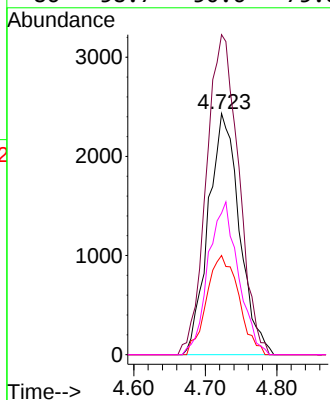
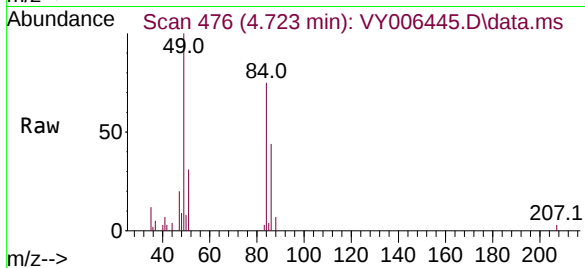


#20
Methylene Chloride
Concen: 2.123 ug/l
RT: 4.723 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

Instrument :
MSVOA_Y
ClientSampleId :
MH-D-D

Tgt Ion: 84 Resp: 7378

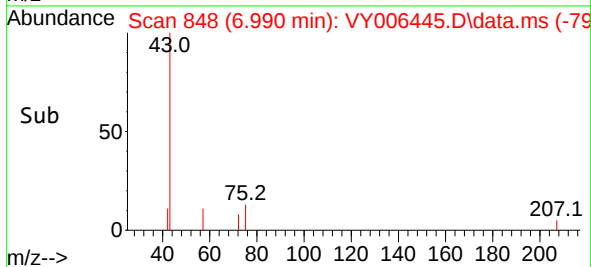
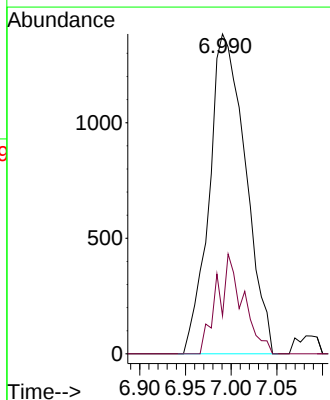
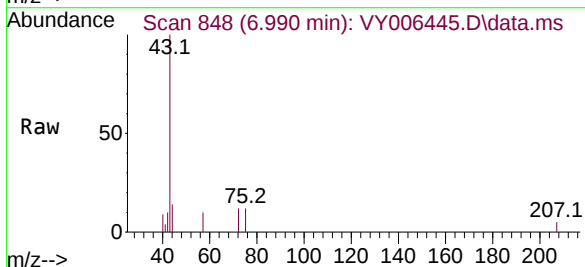
Ion	Ratio	Lower	Upper
84	100		
49	132.7	107.8	161.8
51	41.1	32.8	49.2
86	58.7	50.6	75.8

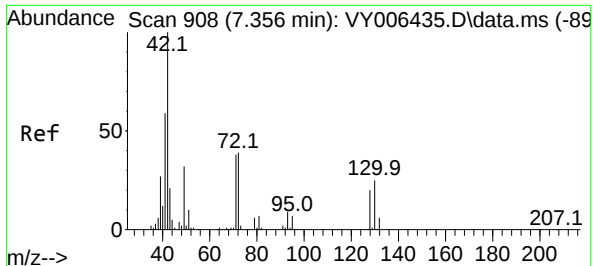


#25
2-Butanone
Concen: 7.340 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

Tgt Ion: 43 Resp: 3822

Ion	Ratio	Lower	Upper
43	100		
72	11.8	18.9	28.3#





#29

Tetrahydrofuran

Concen: 1.005 ug/l

RT: 7.362 min Scan# 90

Delta R.T. 0.006 min

Lab File: VY006445.D

Acq: 22 Oct 2021 17:34

Instrument :

MSVOA_Y

ClientSampleId :

MH-D-D

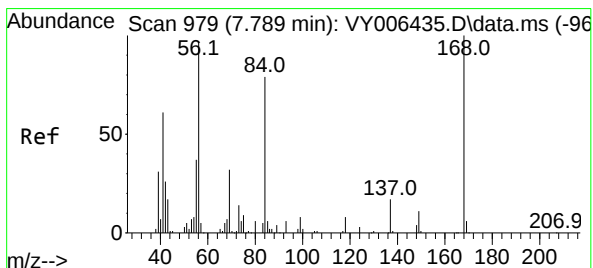
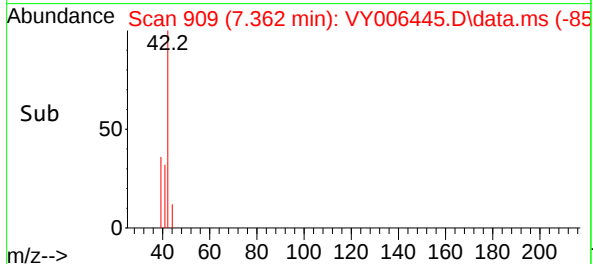
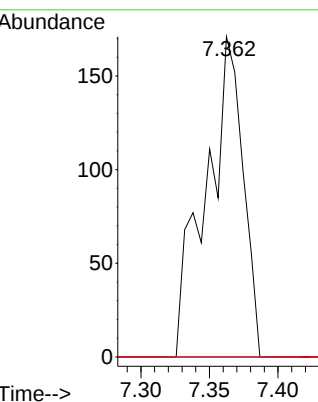
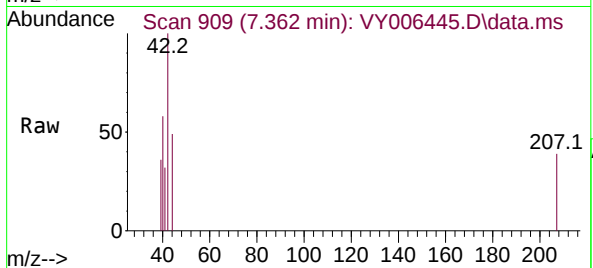
Tgt Ion: 42 Resp: 321

Ion Ratio Lower Upper

42 100

72 0.0 32.0 48.0#

71 0.0 30.3 45.5#



#31

Cyclohexane

Concen: 1.284 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY006445.D

Acq: 22 Oct 2021 17:34

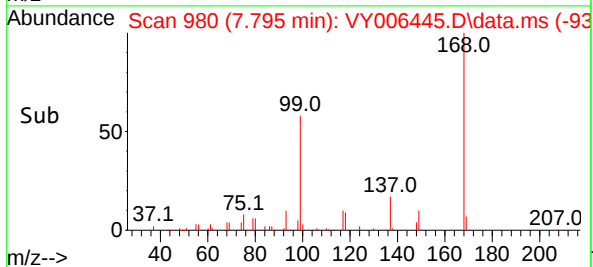
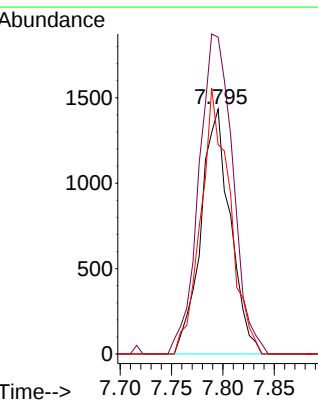
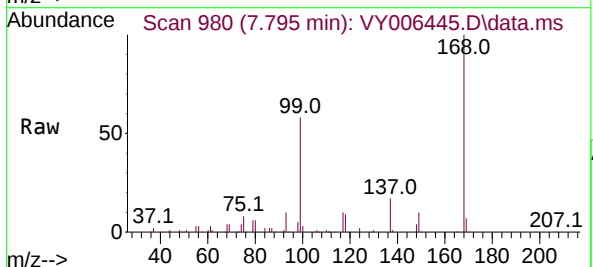
Tgt Ion: 56 Resp: 2870

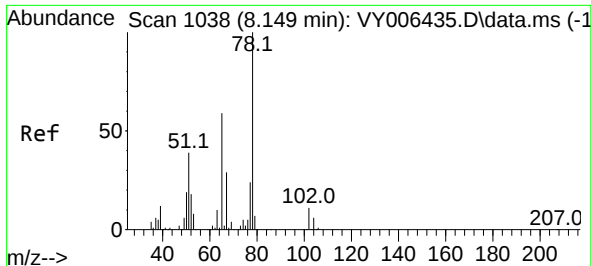
Ion Ratio Lower Upper

56 100

69 129.4 26.6 40.0#

84 85.6 65.0 97.4

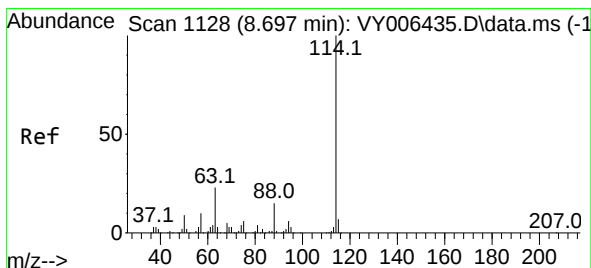
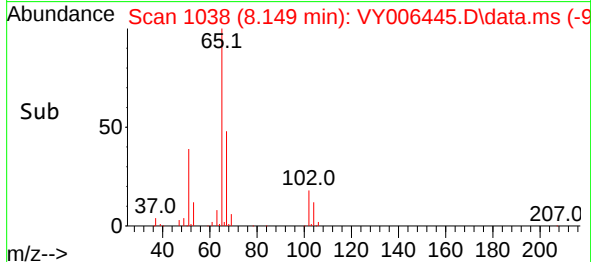
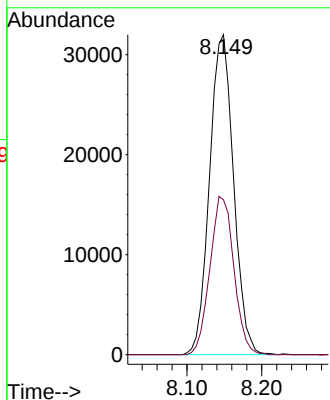
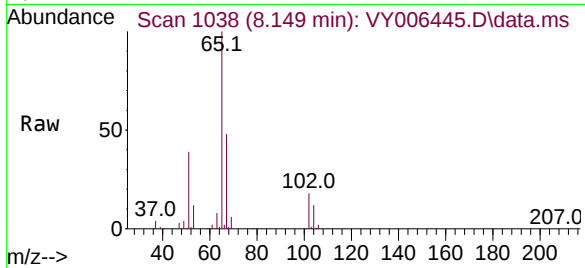




#33
 1,2-Dichloroethane-d4
 Concen: 51.817 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY006445.D
 Acq: 22 Oct 2021 17:34

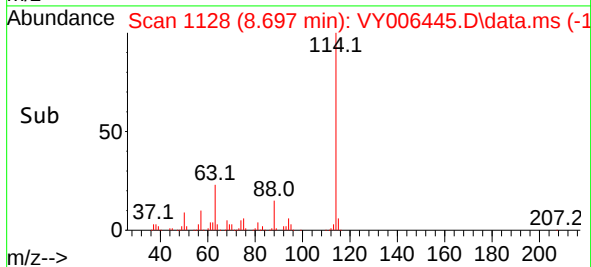
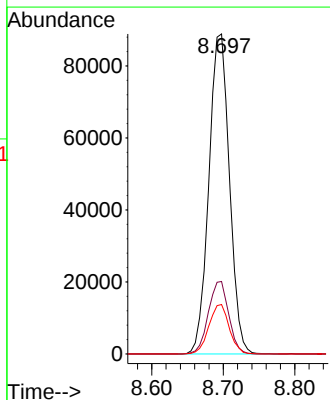
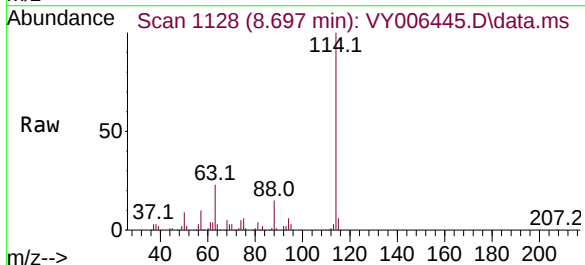
Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-D-D

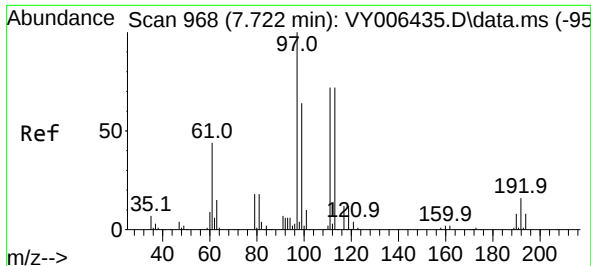
Tgt Ion: 65 Resp: 71522
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 98.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY006445.D
 Acq: 22 Oct 2021 17:34

Tgt Ion: 114 Resp: 177616
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 45.0
 88 15.5 0.0 30.6

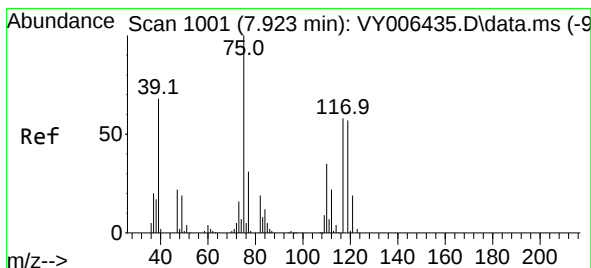
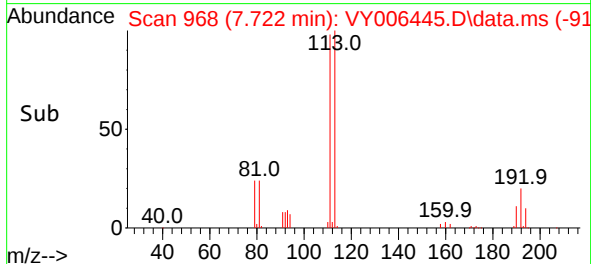
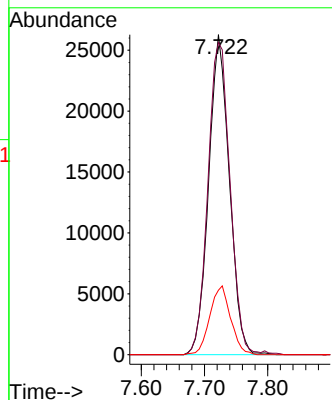
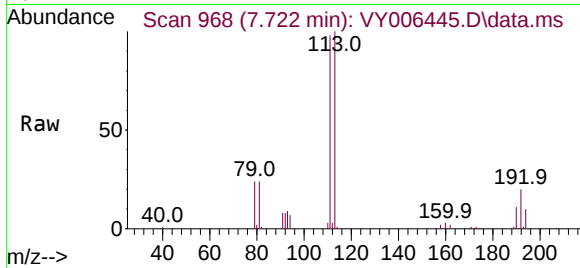




#35
Dibromofluoromethane
Concen: 60.394 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

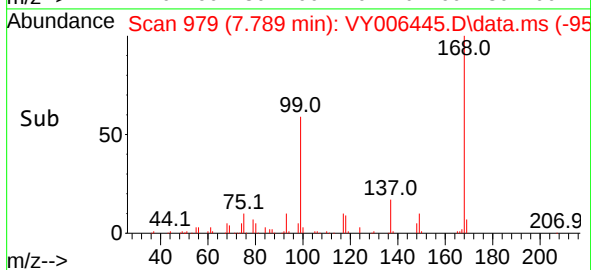
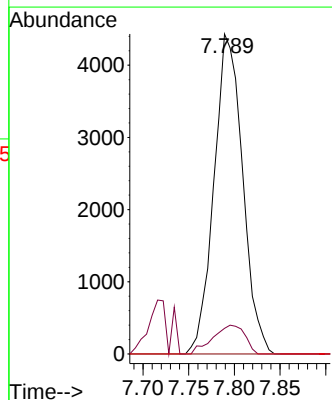
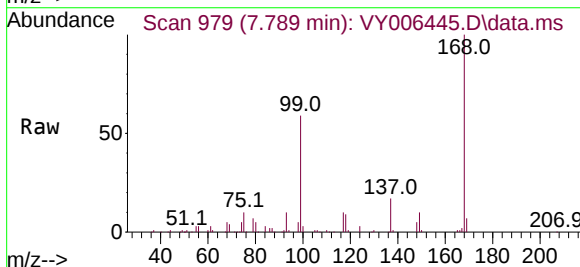
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-D

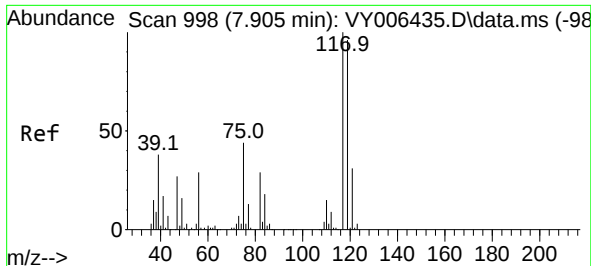
Tgt Ion:113 Resp: 59789
Ion Ratio Lower Upper
113 100
111 103.9 82.3 123.5
192 21.6 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.496 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

Tgt Ion: 75 Resp: 9646
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.3#
77 0.0 24.9 37.3#

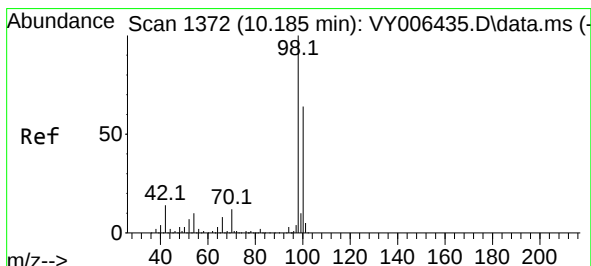
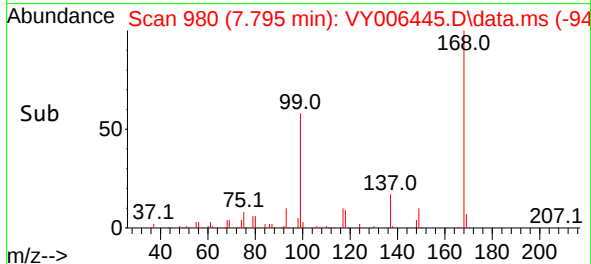
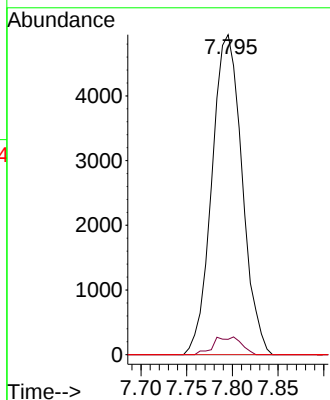
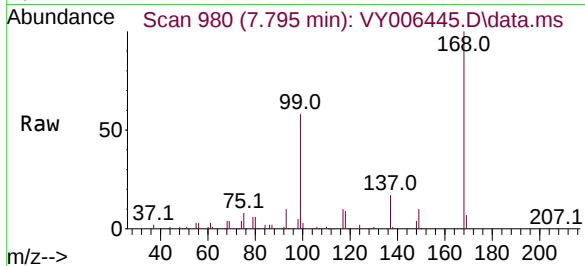




#38
Carbon Tetrachloride
Concen: 5.871 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

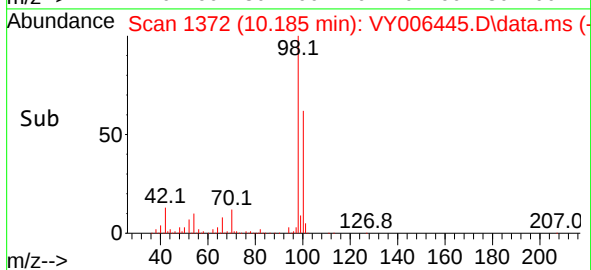
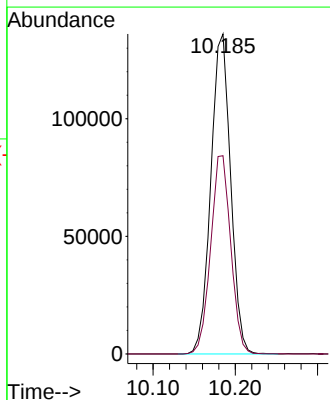
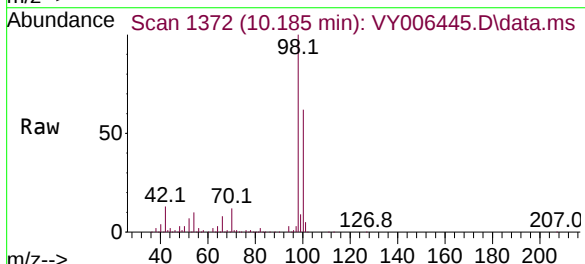
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-D

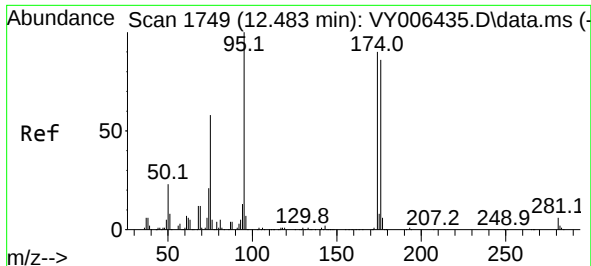
Tgt Ion:117 Resp: 11366
Ion Ratio Lower Upper
117 100
119 4.8 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.262 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

Tgt Ion: 98 Resp: 227721
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

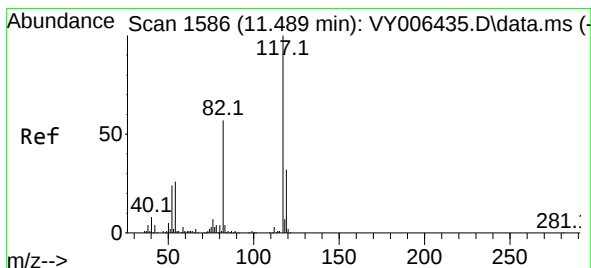
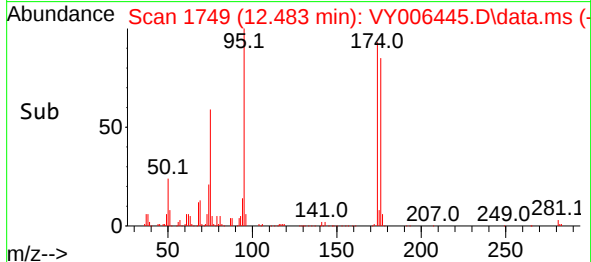
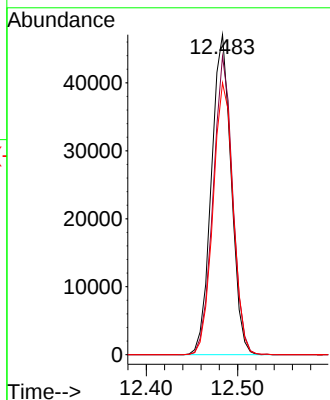
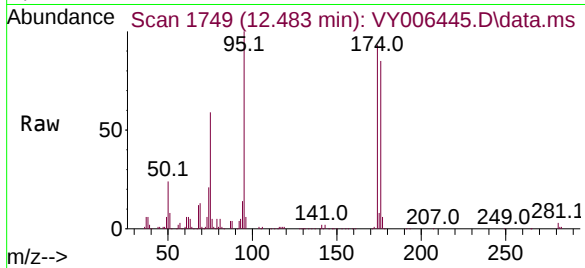




#62
4-Bromofluorobenzene
Concen: 49.993 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

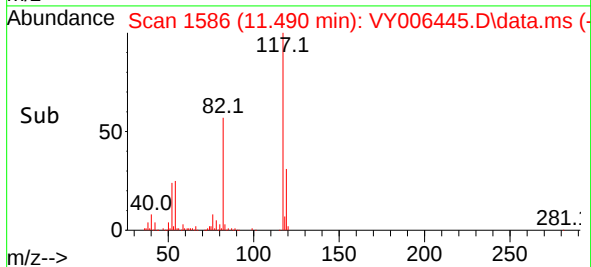
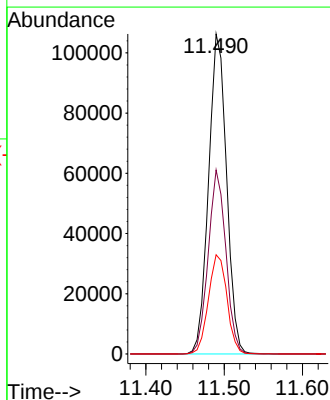
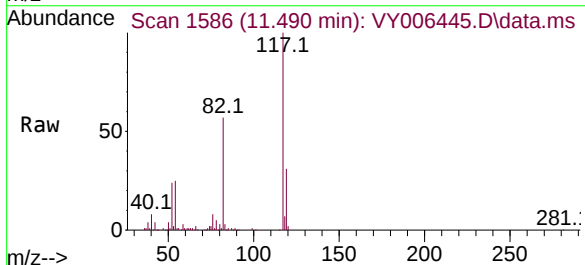
Instrument :
MSVOA_Y
ClientSampleId :
MH-D-D

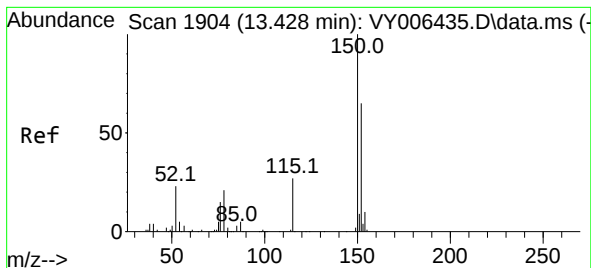
Tgt Ion:	95	Resp:	70675
Ion	Ratio	Lower	Upper
95	100		
174	92.3	0.0	177.0
176	86.9	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006445.D
Acq: 22 Oct 2021 17:34

Tgt Ion:	117	Resp:	169476
Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.7	68.5
119	31.0	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY006445.D

Acq: 22 Oct 2021 17:34

Instrument :

MSVOA_Y

ClientSampleId :

MH-D-D

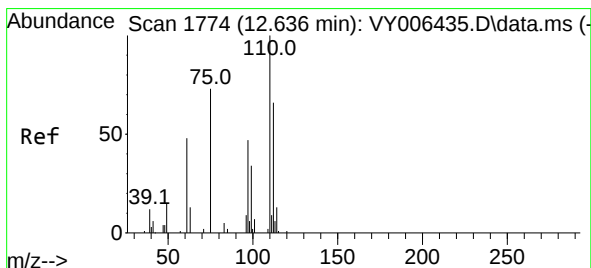
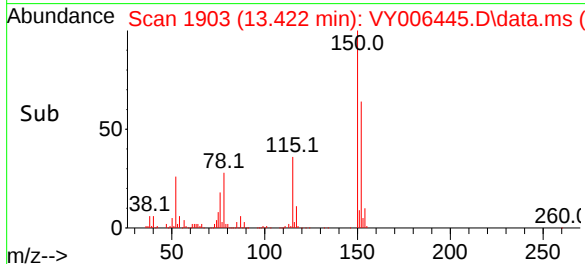
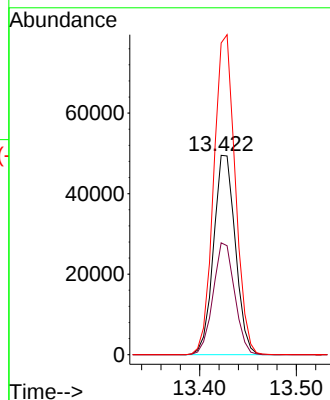
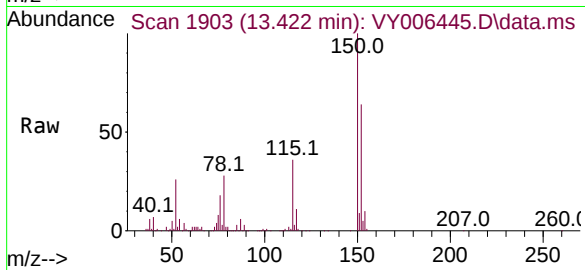
Tgt Ion:152 Resp: 77401

Ion Ratio Lower Upper

152 100

115 55.5 28.5 85.5

150 158.3 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 52.757 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY006445.D

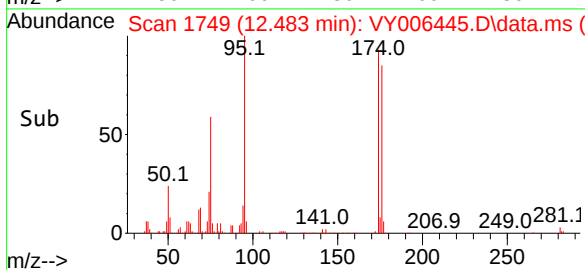
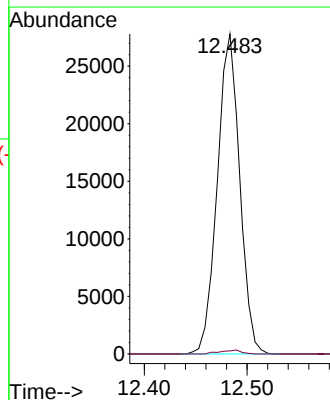
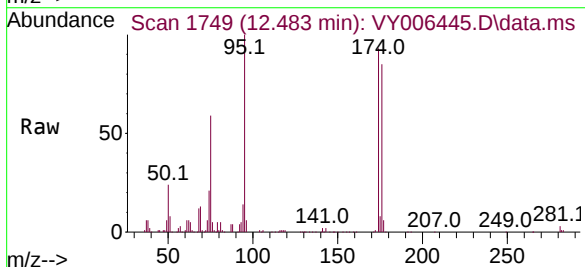
Acq: 22 Oct 2021 17:34

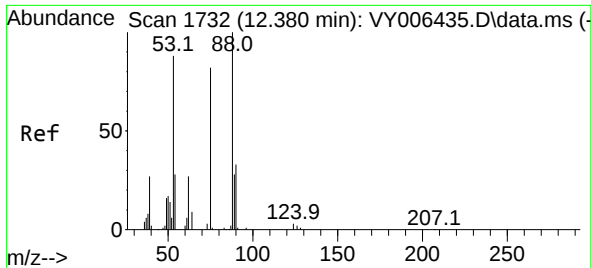
Tgt Ion: 75 Resp: 42079

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.309 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY006445.D
 Acq: 22 Oct 2021 17:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-D-D

Tgt Ion: 75 Resp: 42079
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.8 128.6#
 89 0.0 39.3 58.9#

