

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009526.D
 Acq On : 12 Jul 2022 12:46
 Operator : KP/MD
 Sample : N3593-13RE
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 20220492A-10ARE

Quant Time: Jul 12 13:14:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

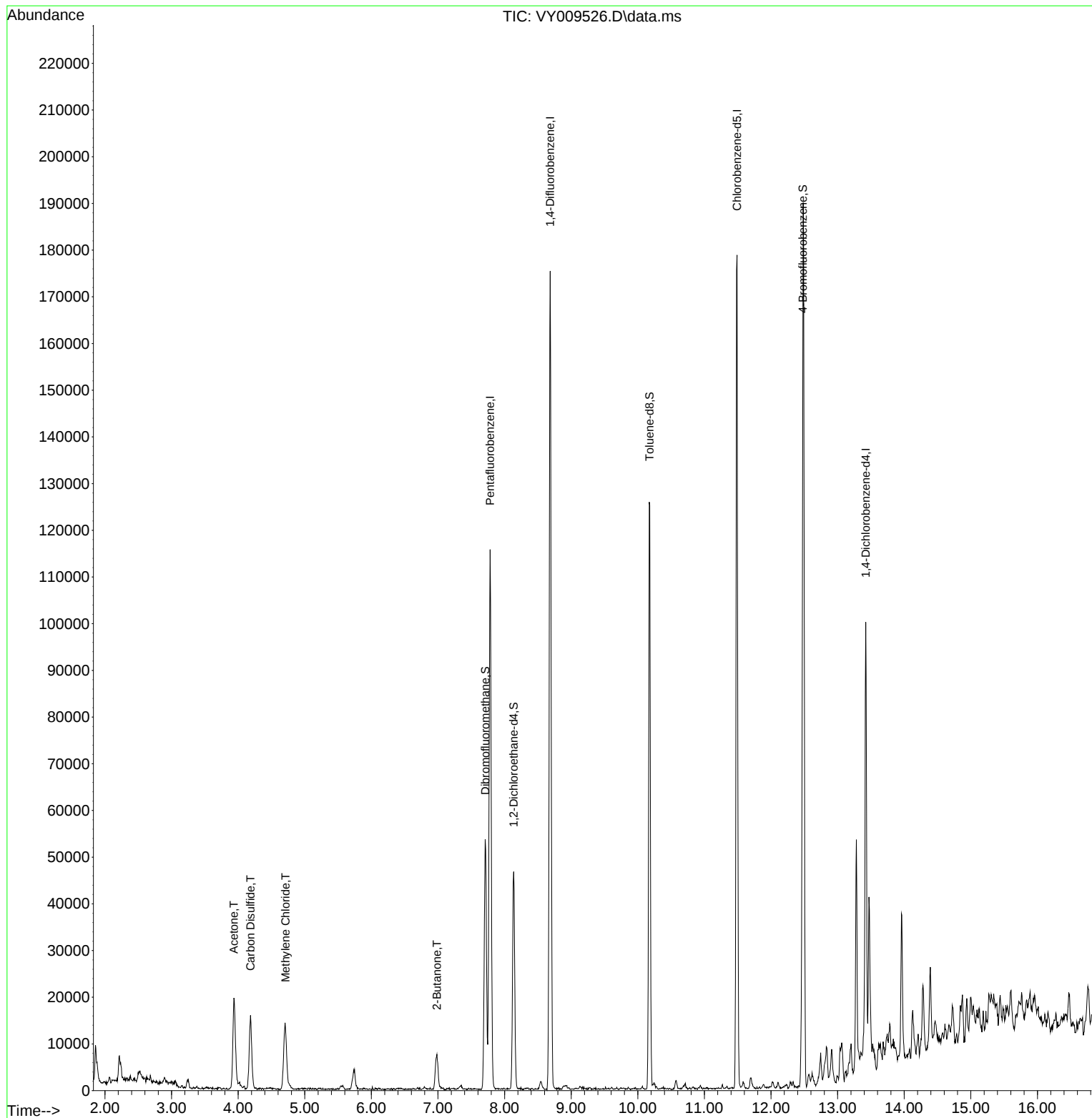
Internal Standards						
1) Pentafluorobenzene	7.783	168	90367	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	149075	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	98017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	25238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	35814	57.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.380%
35) Dibromofluoromethane	7.710	113	36866	47.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.000%
50) Toluene-d8	10.179	98	81061	35.305	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	70.620%#
62) 4-Bromofluorobenzene	12.477	95	27360	24.710	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	49.420%#
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	34128	132.626	ug/l	99
17) Carbon Disulfide	4.186	76	29299	15.293	ug/l	99
20) Methylene Chloride	4.710	84	9868	5.251	ug/l	91
25) 2-Butanone	6.984	43	11752	33.047	ug/l #	84

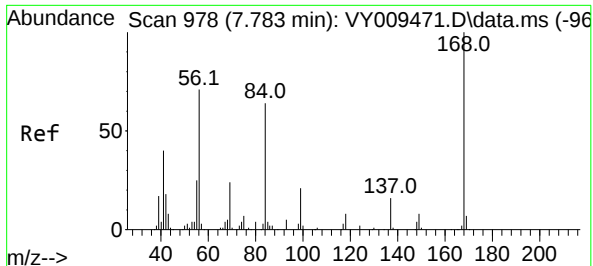
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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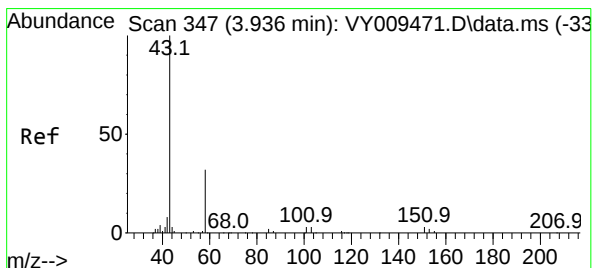
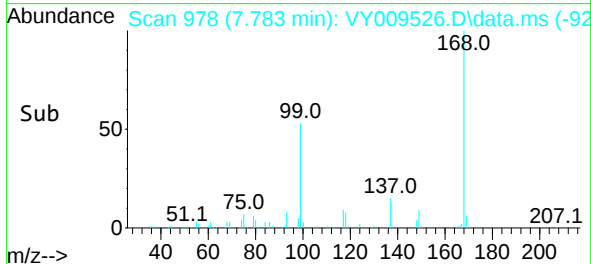
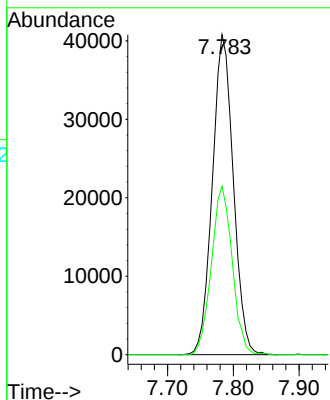
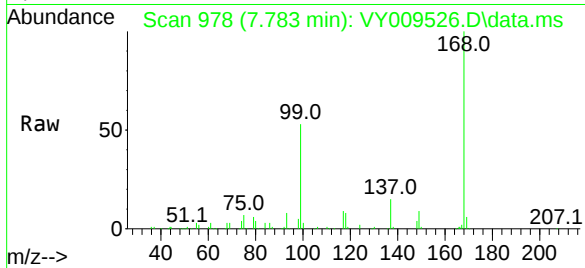




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009526.D
Acq: 12 Jul 2022 12:46

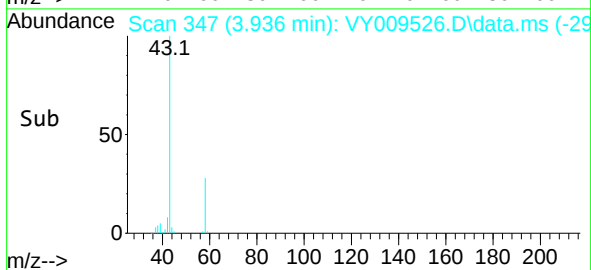
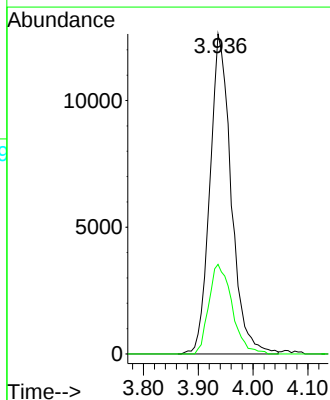
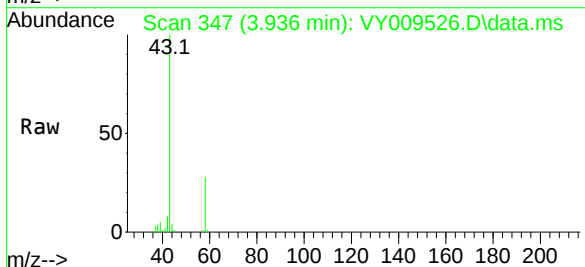
Instrument :
MSVOA_Y
ClientSampleId :
20220492A-10ARE

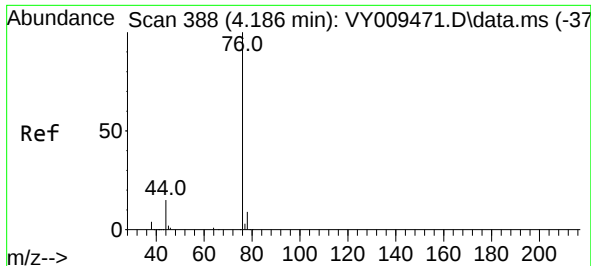
Tgt Ion:168 Resp: 90367
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#16
Acetone
Concen: 132.626 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY009526.D
Acq: 12 Jul 2022 12:46

Tgt Ion: 43 Resp: 34128
Ion Ratio Lower Upper
43 100
58 28.0 22.0 33.0

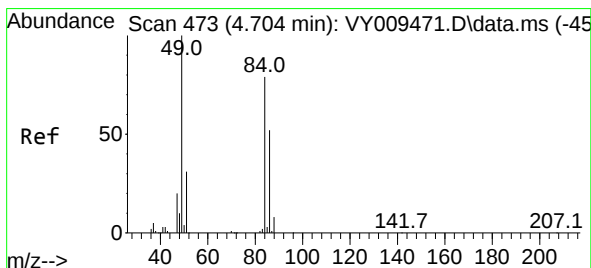
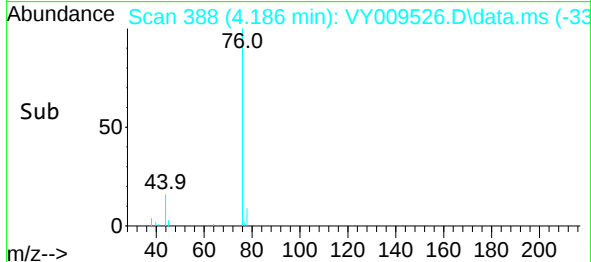
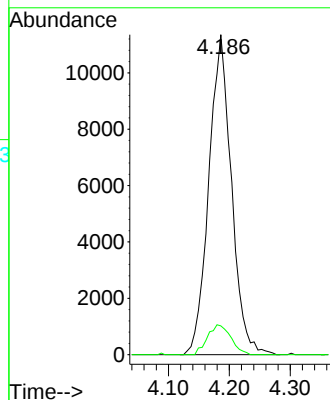
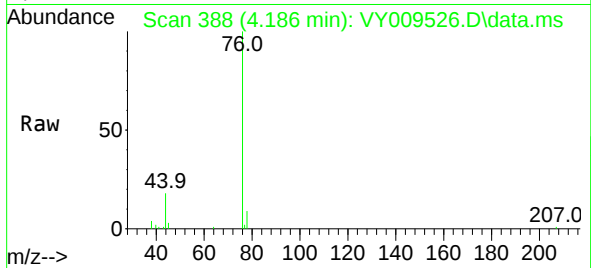




#17
Carbon Disulfide
Concen: 15.293 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY009526.D
Acq: 12 Jul 2022 12:46

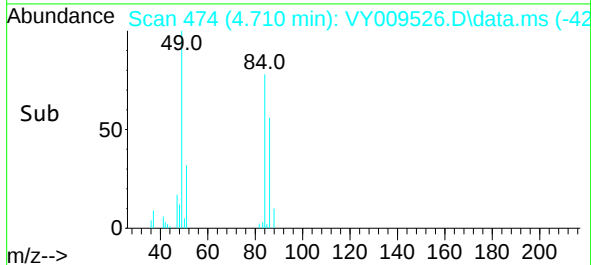
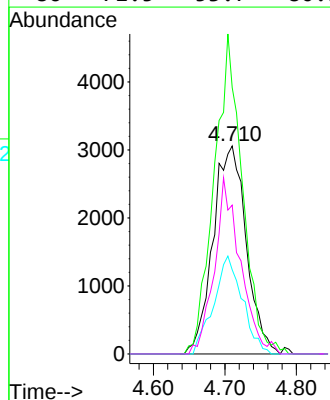
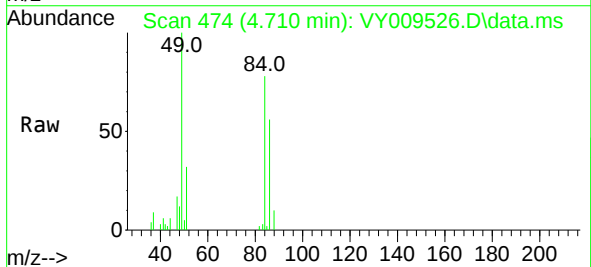
Instrument :
MSVOA_Y
ClientSampleId :
20220492A-10ARE

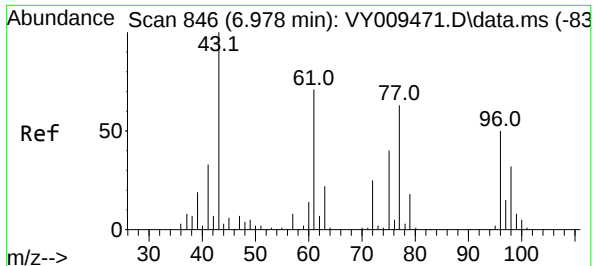
Tgt Ion: 76 Resp: 29299
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#20
Methylene Chloride
Concen: 5.251 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009526.D
Acq: 12 Jul 2022 12:46

Tgt Ion: 84 Resp: 9868
Ion Ratio Lower Upper
84 100
49 128.0 114.4 171.6
51 40.5 35.3 52.9
86 71.5 53.7 80.5





#25

2-Butanone

Concen: 33.047 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009526.D

Acq: 12 Jul 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

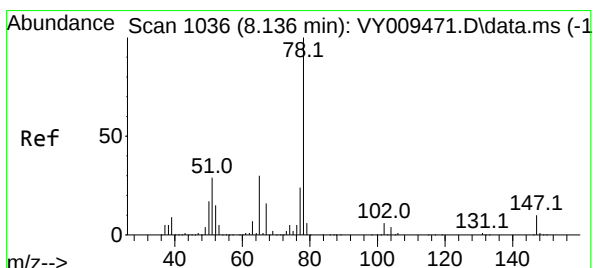
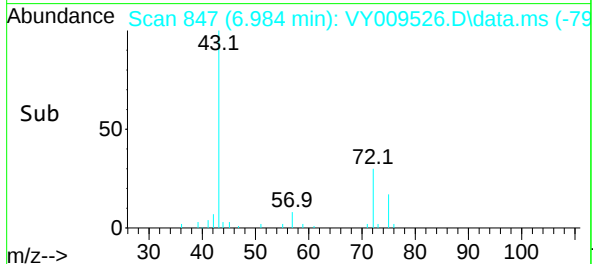
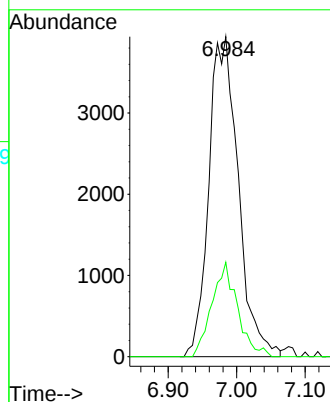
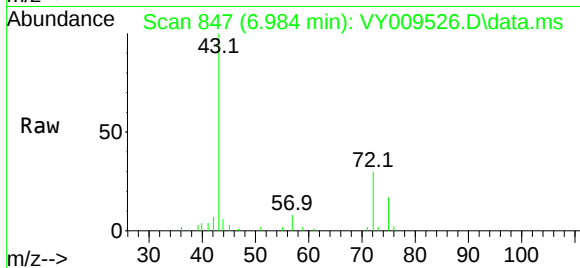
20220492A-10ARE

Tgt Ion: 43 Resp: 11752

Ion Ratio Lower Upper

43 100

72 29.5 17.7 26.5#



#33

1,2-Dichloroethane-d4

Concen: 57.194 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009526.D

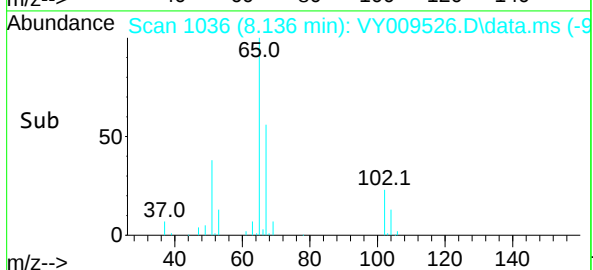
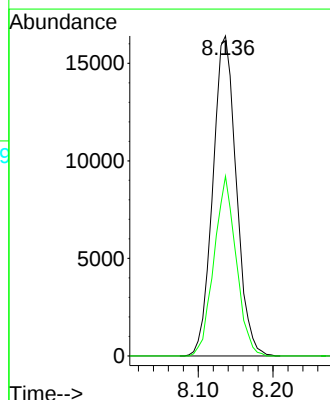
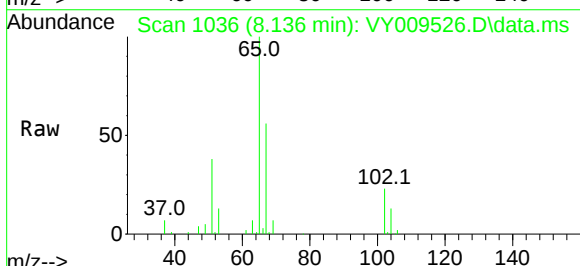
Acq: 12 Jul 2022 12:46

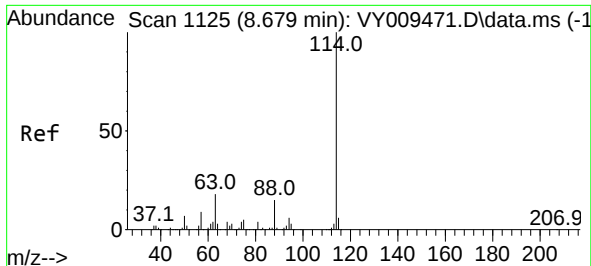
Tgt Ion: 65 Resp: 35814

Ion Ratio Lower Upper

65 100

67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VY009526.D

Acq: 12 Jul 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

20220492A-10ARE

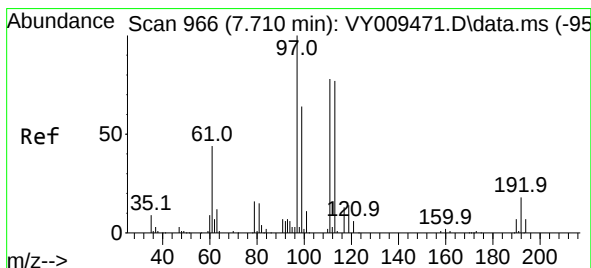
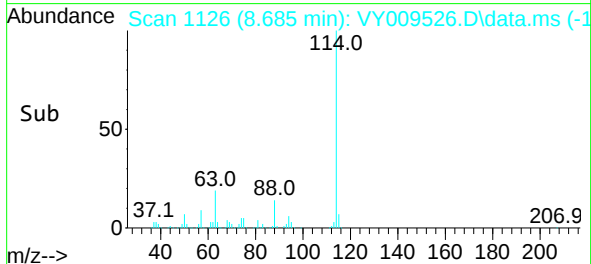
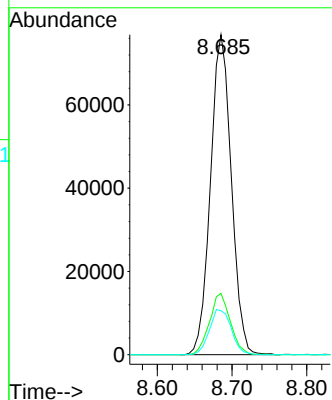
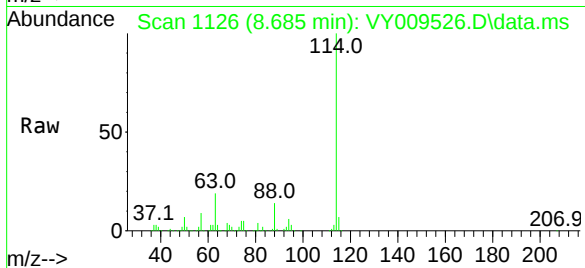
Tgt Ion:114 Resp: 149075

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.000 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009526.D

Acq: 12 Jul 2022 12:46

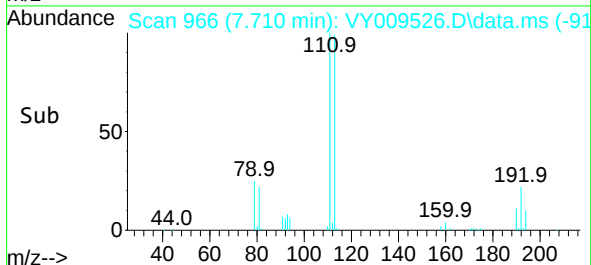
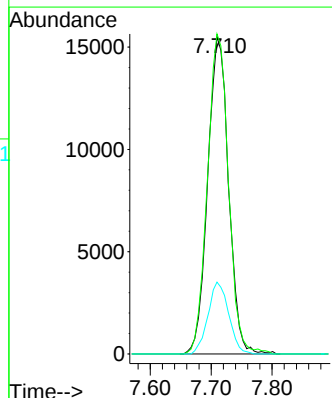
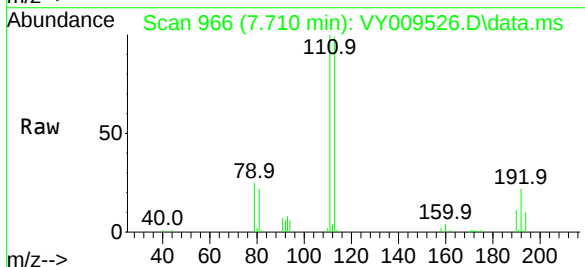
Tgt Ion:113 Resp: 36866

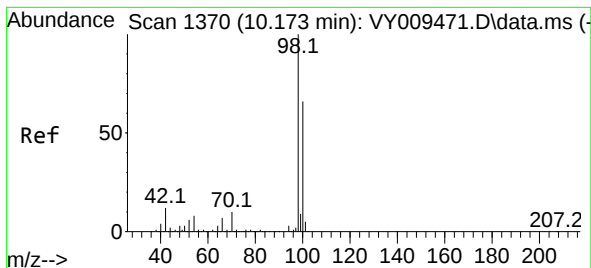
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 22.5 17.6 26.4





#50

Toluene-d8

Concen: 35.305 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009526.D

Acq: 12 Jul 2022 12:46

Instrument :

MSVOA_Y

ClientSampleId :

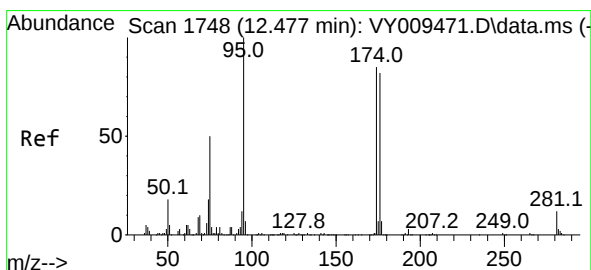
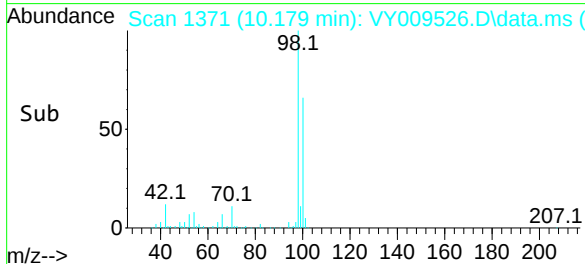
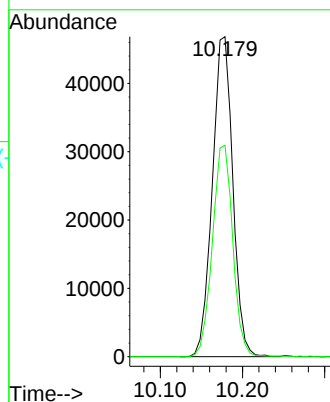
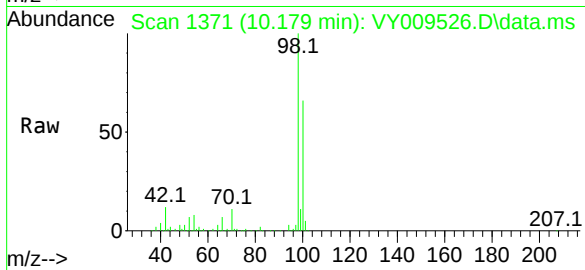
20220492A-10ARE

Tgt Ion: 98 Resp: 81061

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 24.710 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY009526.D

Acq: 12 Jul 2022 12:46

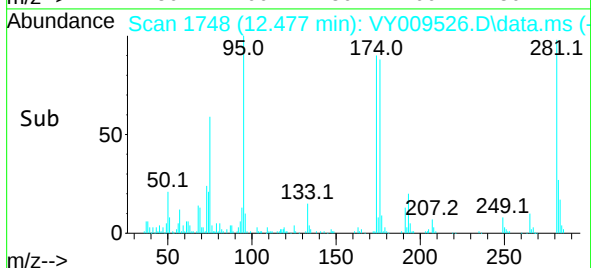
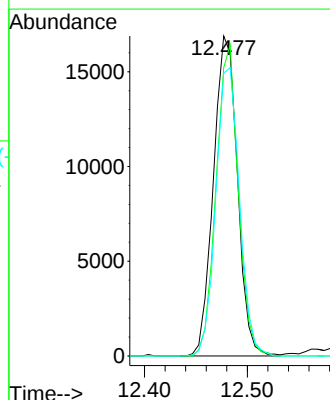
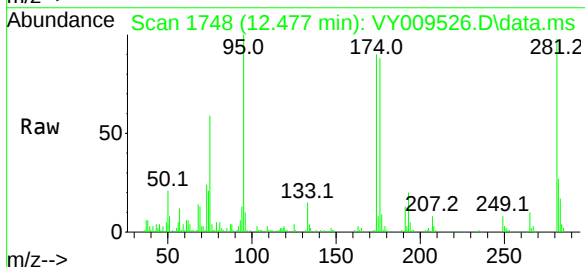
Tgt Ion: 95 Resp: 27360

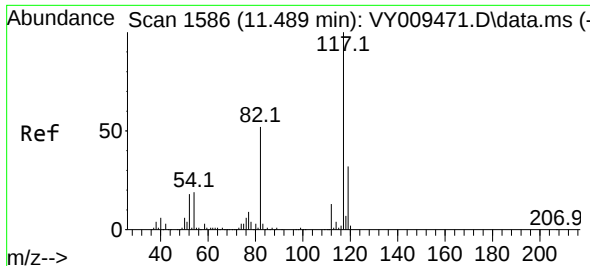
Ion Ratio Lower Upper

95 100

174 89.6 0.0 177.0

176 88.8 0.0 175.8

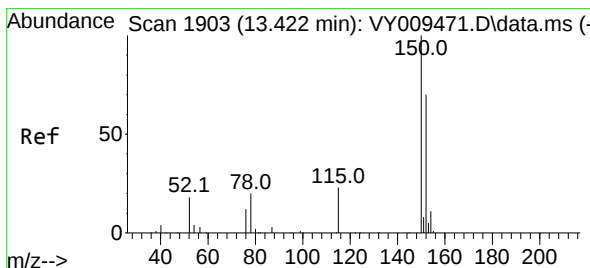
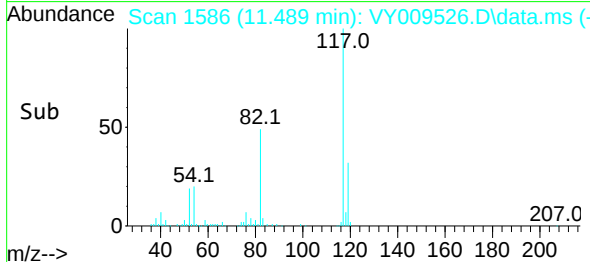
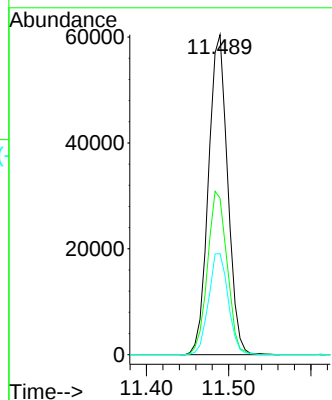
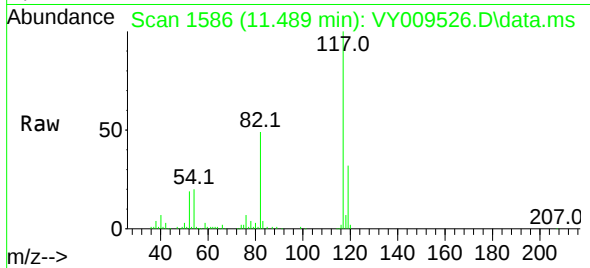




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY009526.D
Acq: 12 Jul 2022 12:46

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:117	Resp:	98017
Ion Ratio	Lower	Upper
117	100	
82	48.9	43.0 64.4
119	31.6	25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009526.D
Acq: 12 Jul 2022 12:46

Tgt Ion:152	Resp:	25238
Ion Ratio	Lower	Upper
152	100	
115	53.7	28.2 84.7
150	149.1	0.0 347.6

