

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010238.D
 Acq On : 31 Aug 2022 12:23
 Operator : KP/MD
 Sample : N4397-01
 Misc : 4.75g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-216

Quant Time: Aug 31 14:45:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

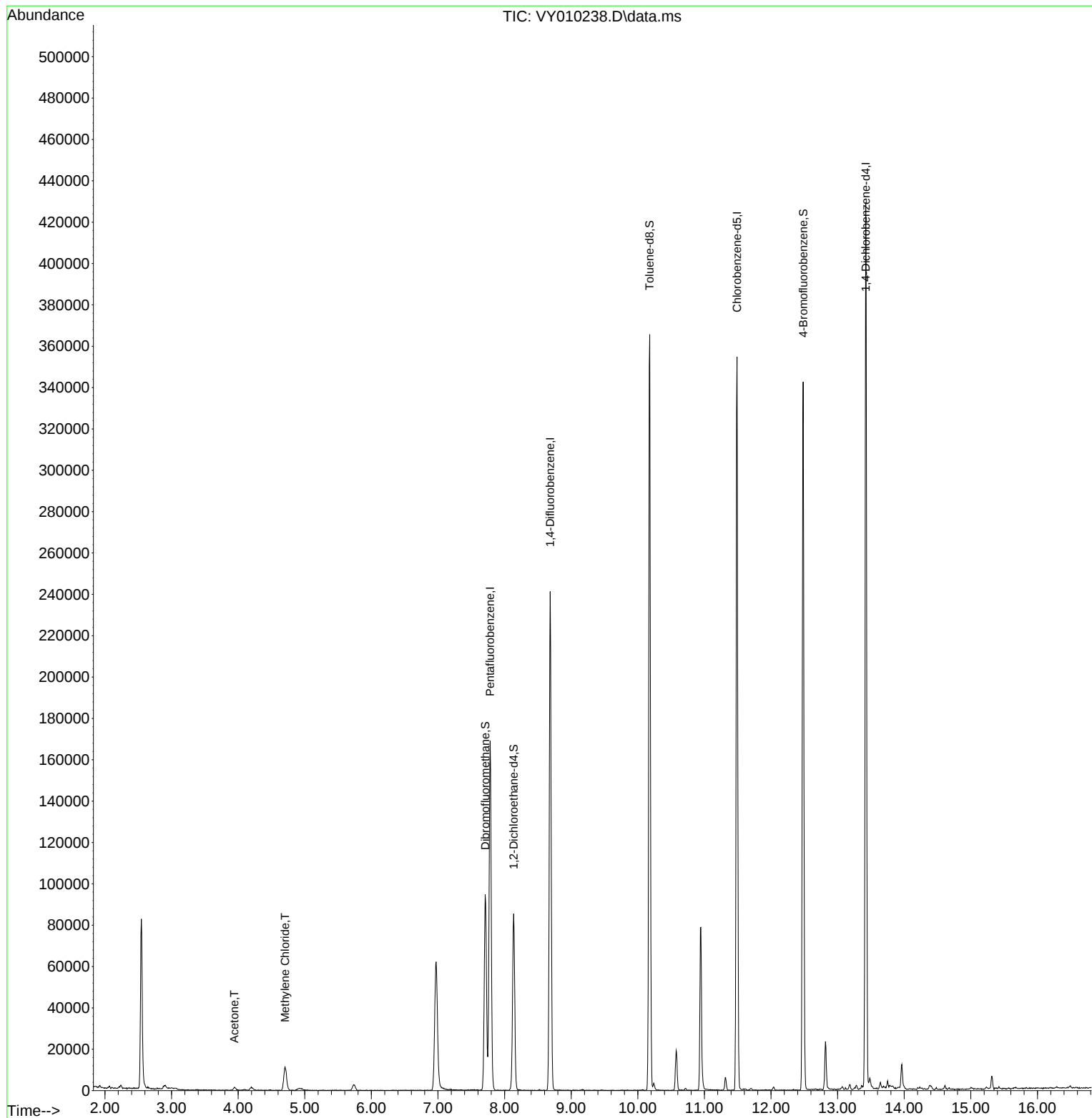
Internal Standards						
1) Pentafluorobenzene	7.783	168	141329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	204817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117826	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69228	58.315	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.620%
35) Dibromofluoromethane	7.709	113	66000	52.738	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.480%
50) Toluene-d8	10.179	98	246457	53.006	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.020%
62) 4-Bromofluorobenzene	12.483	95	96923	55.812	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.620%
Target Compounds						
16) Acetone	3.942	43	2554	10.208	ug/l	90
20) Methylene Chloride	4.704	84	9196	6.242	ug/l #	73

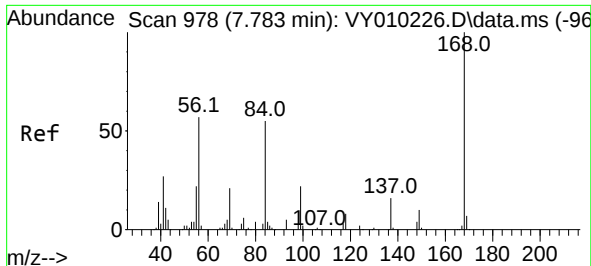
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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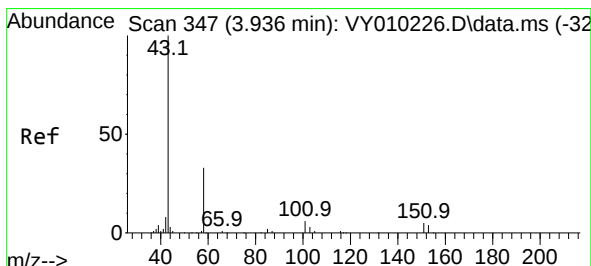
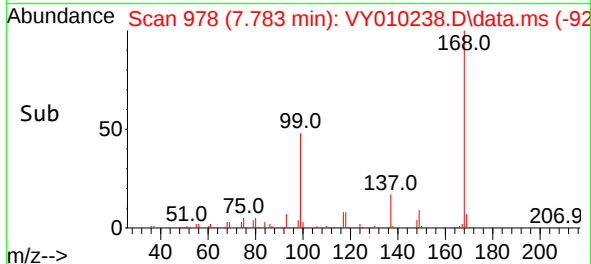
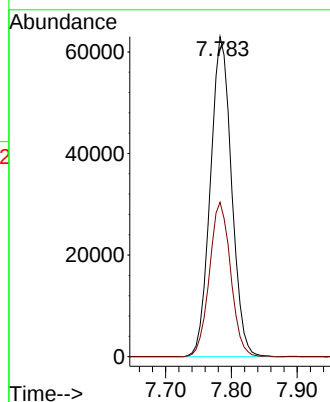
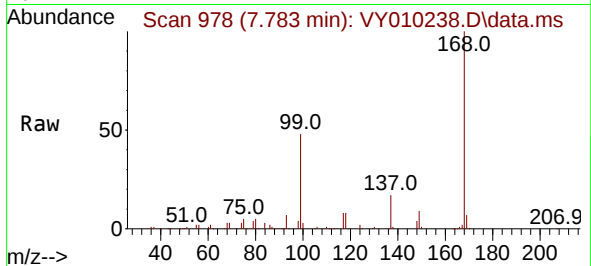




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010238.D
Acq: 31 Aug 2022 12:23

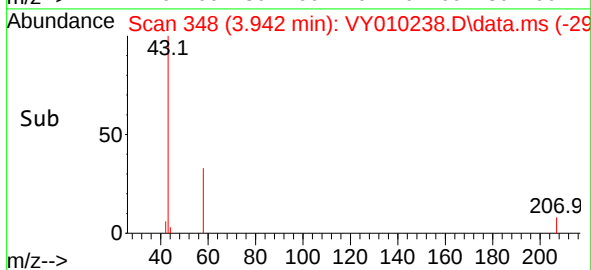
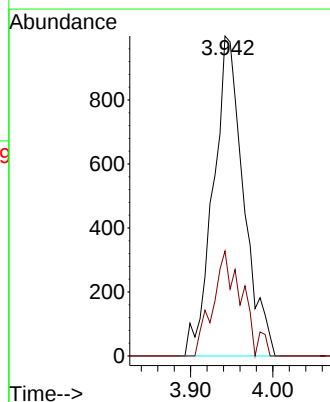
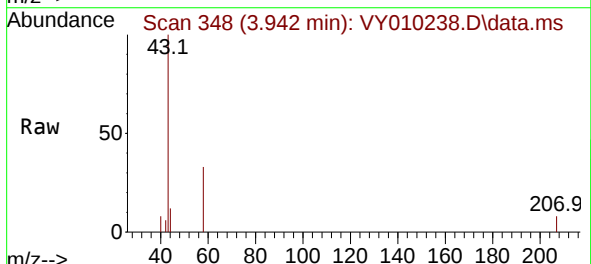
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-216

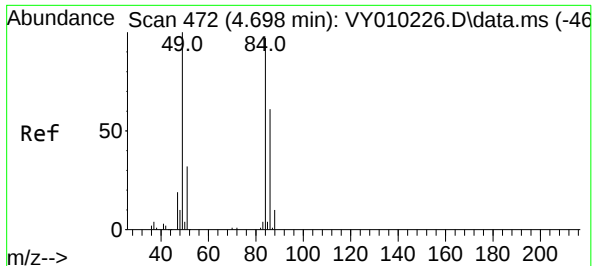
Tgt Ion:168 Resp: 141329
Ion Ratio Lower Upper
168 100
99 48.2 46.9 70.3



#16
Acetone
Concen: 10.208 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010238.D
Acq: 31 Aug 2022 12:23

Tgt Ion: 43 Resp: 2554
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0

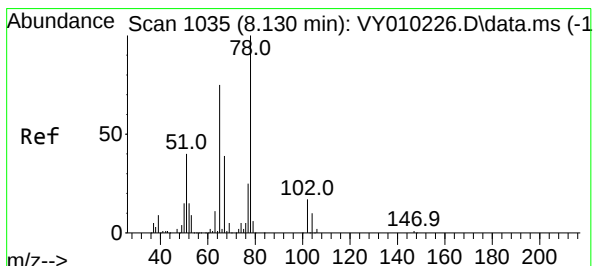
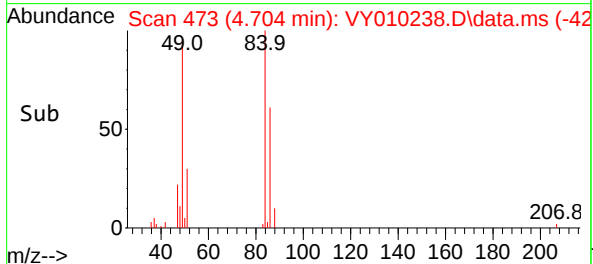
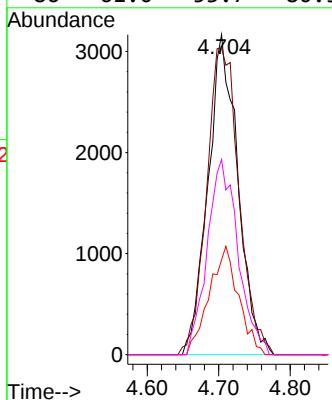
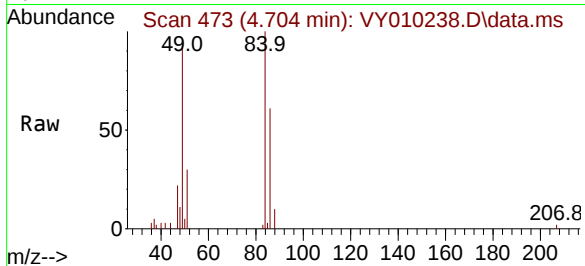




#20
Methylene Chloride
Concen: 6.242 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010238.D
Acq: 31 Aug 2022 12:23

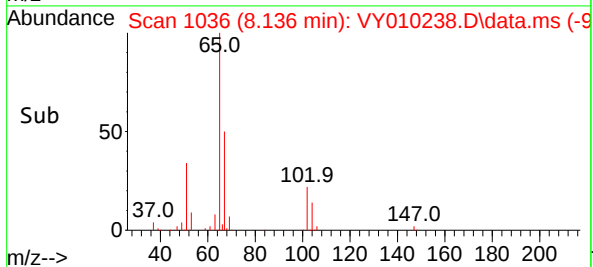
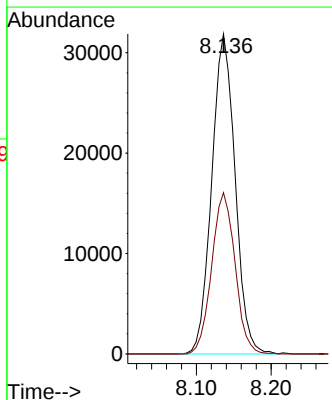
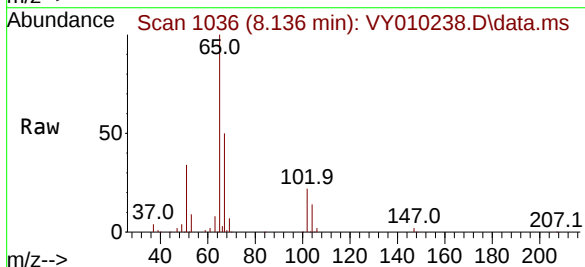
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-216

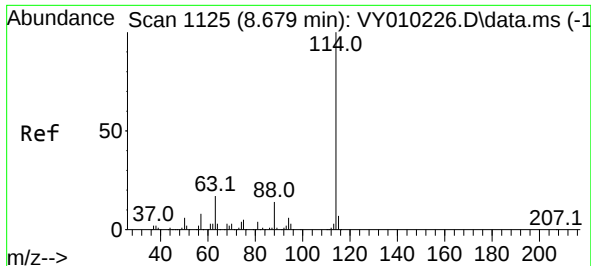
Tgt Ion: 84 Resp: 9196
Ion Ratio Lower Upper
84 100
49 95.9 114.4 171.6#
51 29.6 35.3 52.9#
86 61.0 53.7 80.5



#33
1,2-Dichloroethane-d4
Concen: 58.315 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY010238.D
Acq: 31 Aug 2022 12:23

Tgt Ion: 65 Resp: 69228
Ion Ratio Lower Upper
65 100
67 50.4 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: VY010238.D

Acq: 31 Aug 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-216

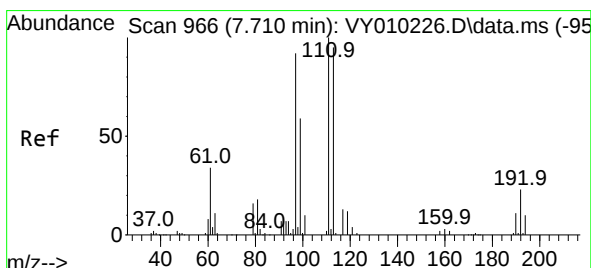
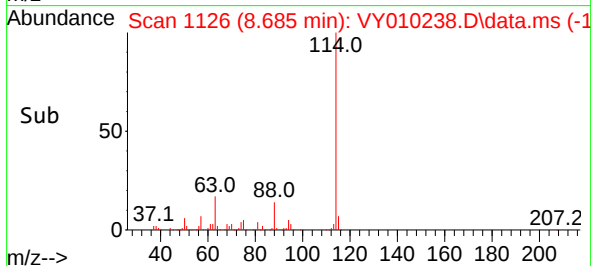
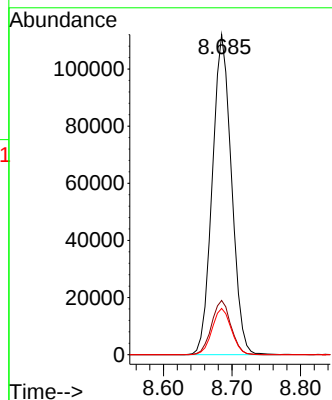
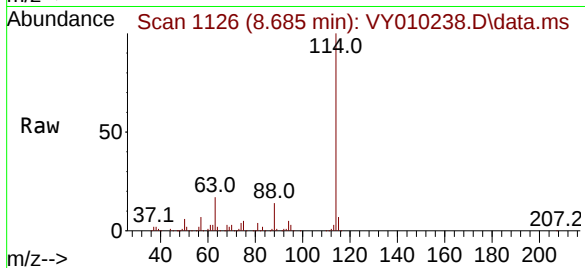
Tgt Ion:114 Resp: 217969

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.738 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010238.D

Acq: 31 Aug 2022 12:23

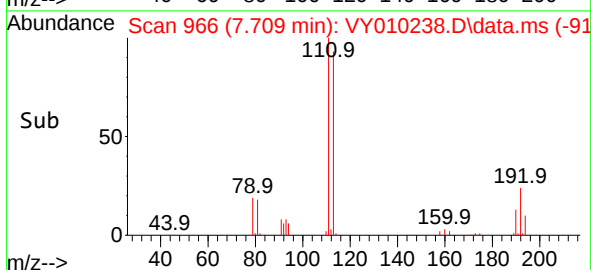
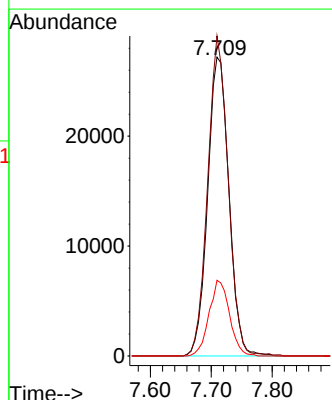
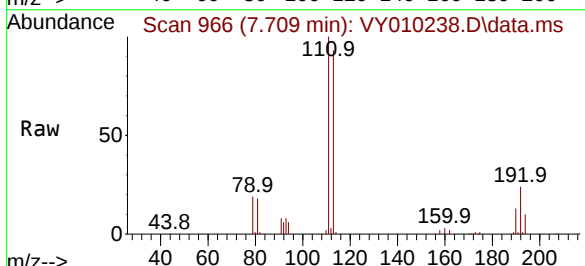
Tgt Ion:113 Resp: 66000

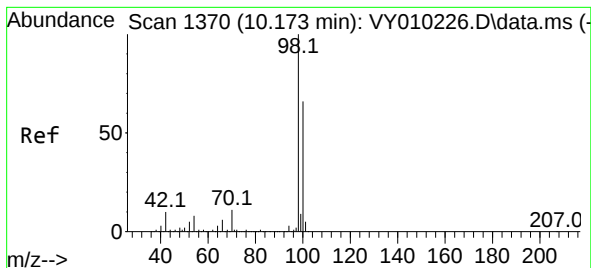
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 24.4 17.6 26.4





#50

Toluene-d8

Concen: 53.006 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.005 min

Lab File: VY010238.D

Acq: 31 Aug 2022 12:23

Instrument :

MSVOA_Y

ClientSampleId :

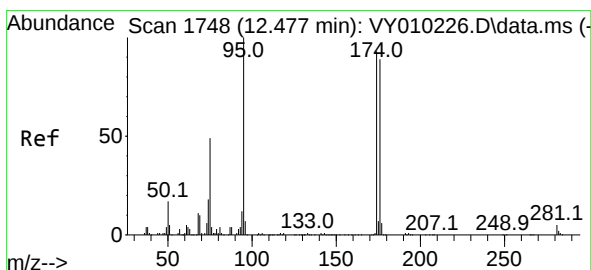
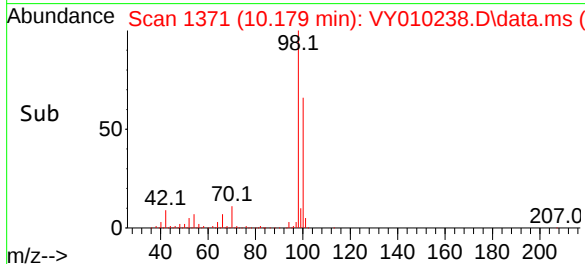
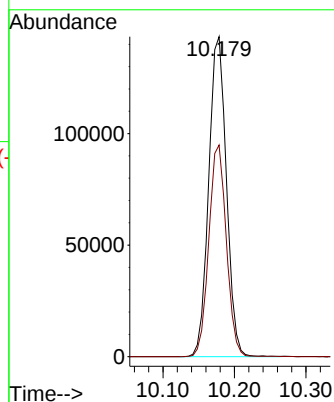
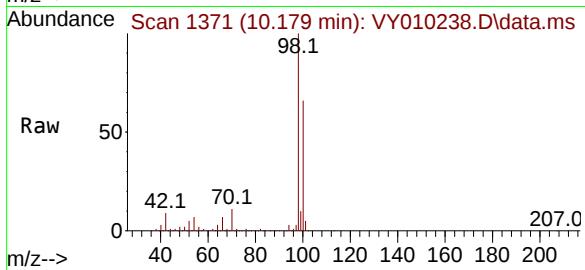
VNJ-216

Tgt Ion: 98 Resp: 246457

Ion Ratio Lower Upper

98 100

100 65.7 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 55.812 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010238.D

Acq: 31 Aug 2022 12:23

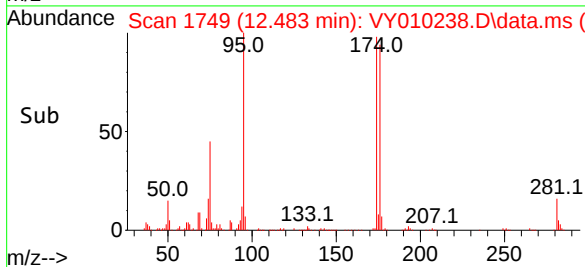
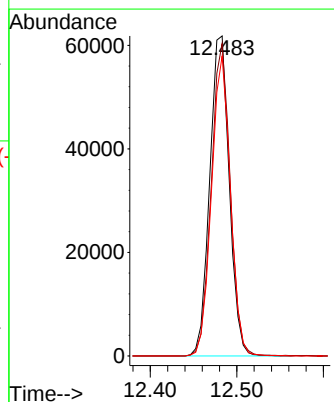
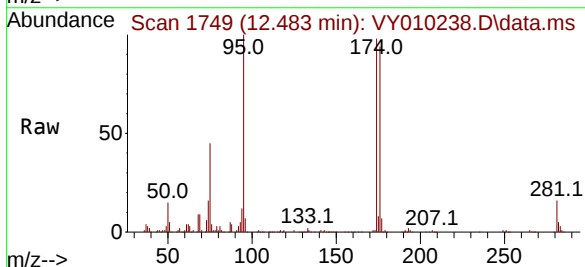
Tgt Ion: 95 Resp: 96923

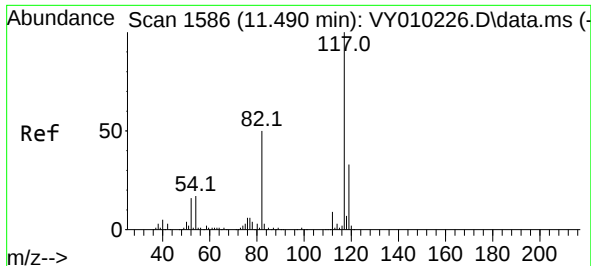
Ion Ratio Lower Upper

95 100

174 95.0 0.0 177.0

176 90.6 0.0 175.8

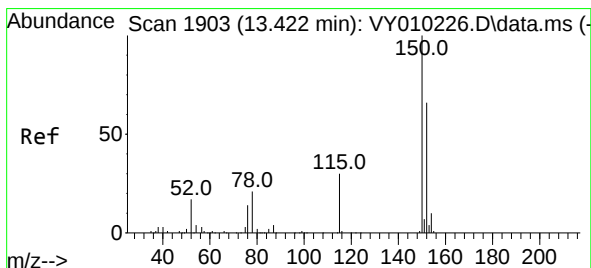
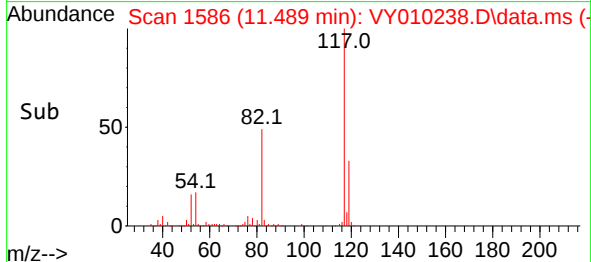
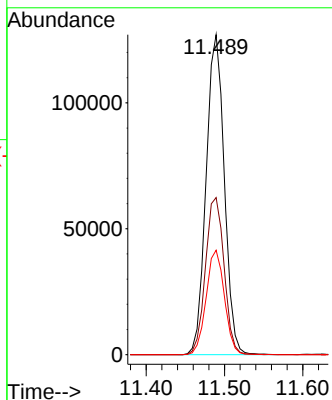
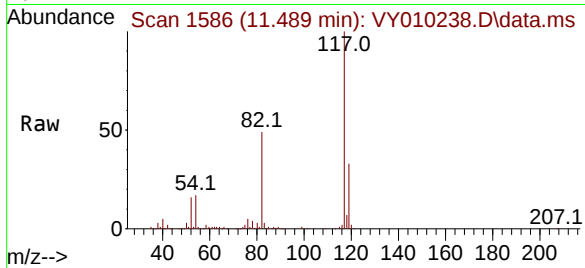




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010238.D
Acq: 31 Aug 2022 12:23

Instrument :
MSVOA_Y
ClientSampleId :
VNJ-216

Tgt Ion:117 Resp: 204817
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 32.6 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: VY010238.D
Acq: 31 Aug 2022 12:23

Tgt Ion:152 Resp: 117826
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 156.4 0.0 347.6

