

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010252.D
 Acq On : 31 Aug 2022 17:51
 Operator : KP/MD
 Sample : N4424-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-219

Quant Time: Aug 31 23:42:12 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)

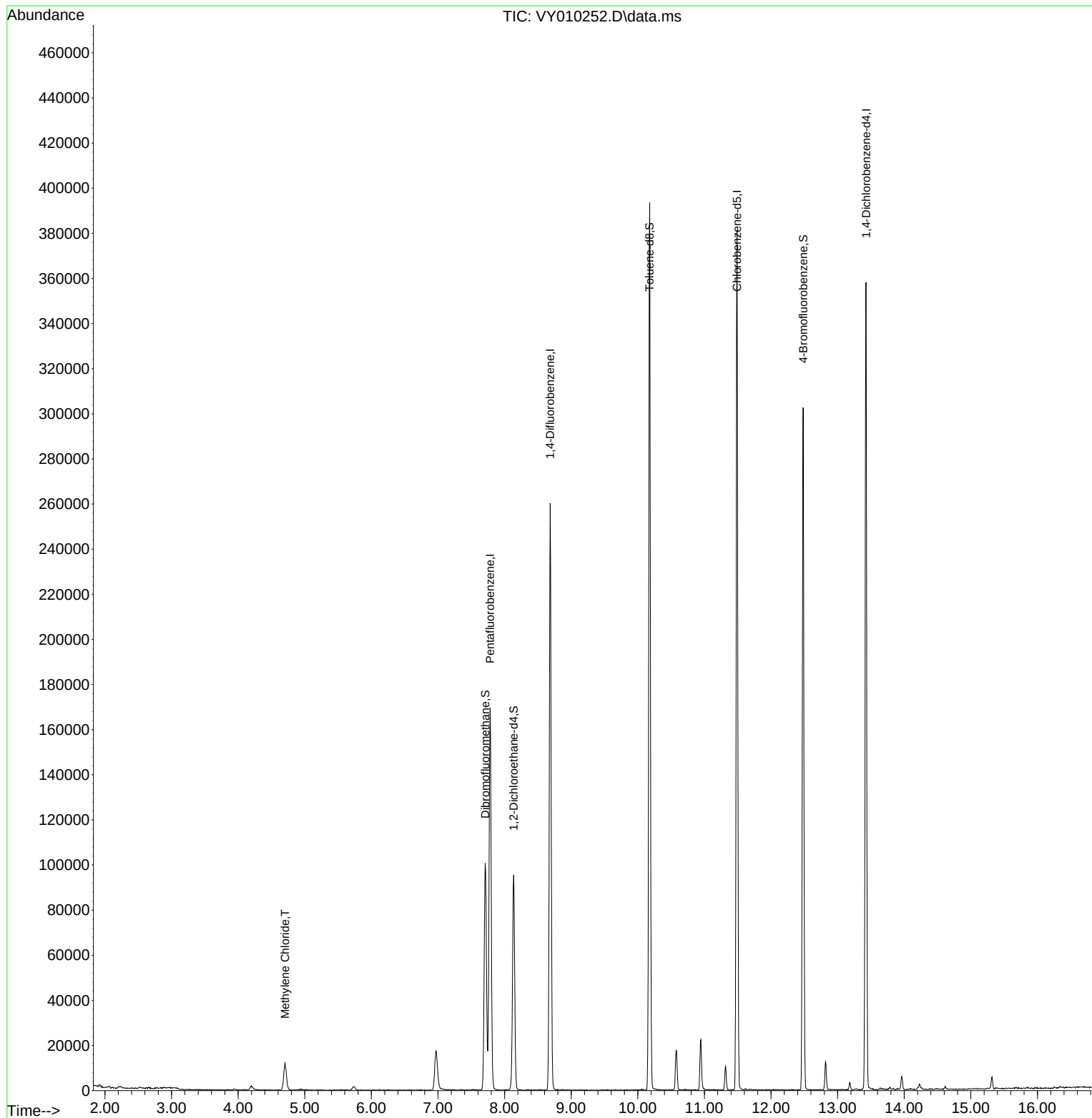
Internal Standards						
1) Pentafluorobenzene	7.783	168	139263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	227515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	216240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	102835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72801	62.013	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.020%	
35) Dibromofluoromethane	7.709	113	72735	55.526	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.060%	
50) Toluene-d8	10.178	98	267017	54.845	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.680%	
62) 4-Bromofluorobenzene	12.483	95	86670	47.814	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.620%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	9208	6.343	ug/l #	78

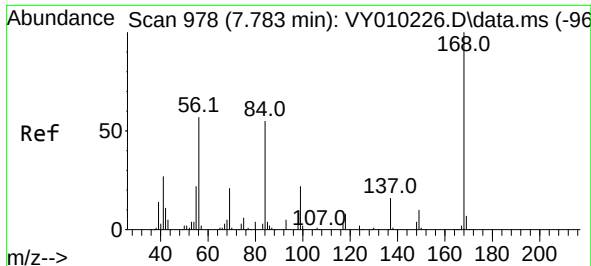
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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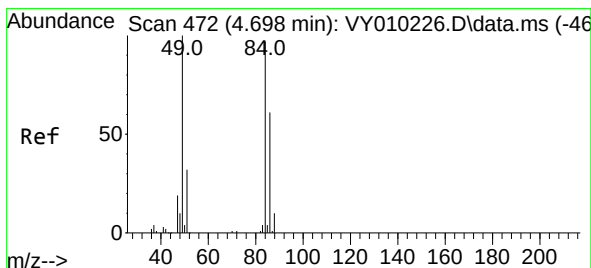
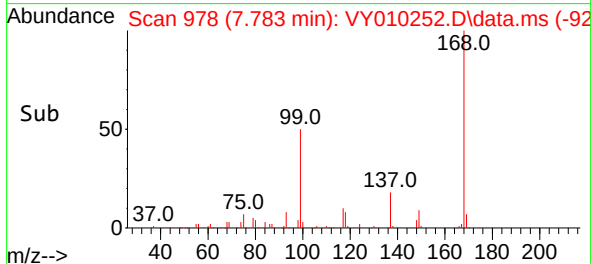
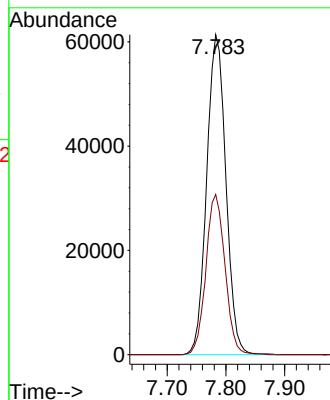
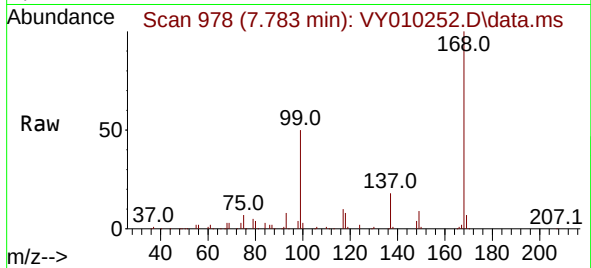




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010252.D
Acq: 31 Aug 2022 17:51

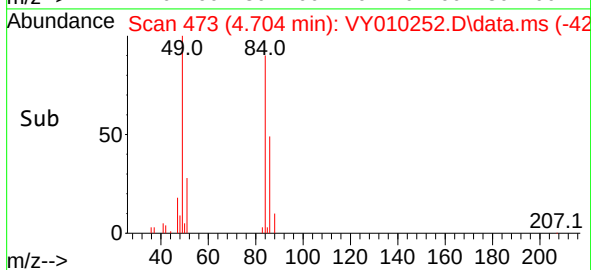
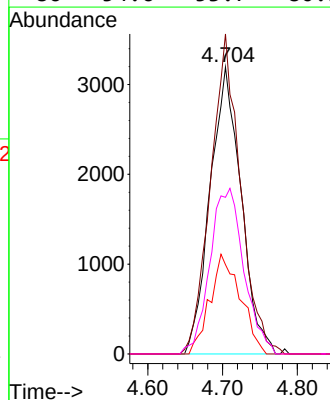
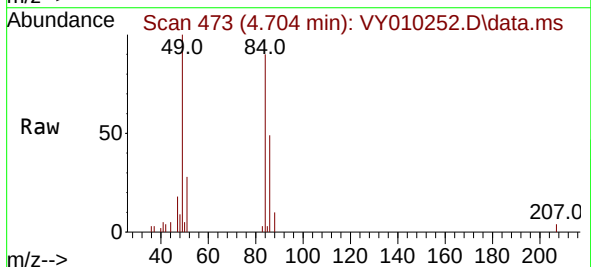
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-219

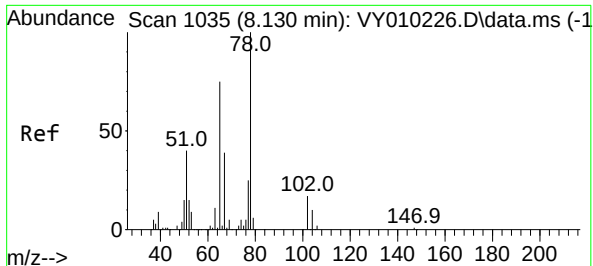
Tgt Ion:168 Resp: 139263
Ion Ratio Lower Upper
168 100
99 50.0 46.9 70.3



#20
Methylene Chloride
Concen: 6.343 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010252.D
Acq: 31 Aug 2022 17:51

Tgt Ion: 84 Resp: 9208
Ion Ratio Lower Upper
84 100
49 111.6 114.4 171.6#
51 31.1 35.3 52.9#
86 54.6 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 62.013 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010252.D

Acq: 31 Aug 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

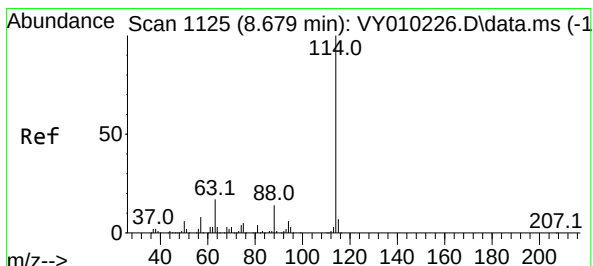
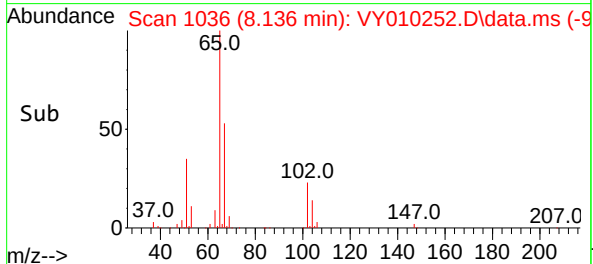
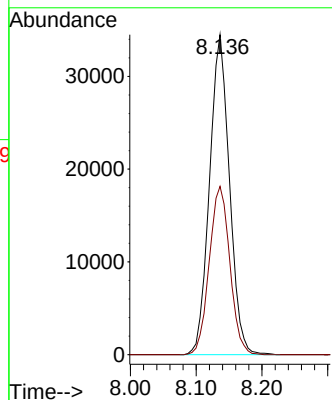
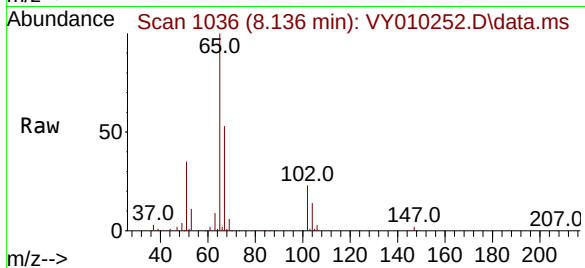
VNJ-219

Tgt Ion: 65 Resp: 72801

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010252.D

Acq: 31 Aug 2022 17:51

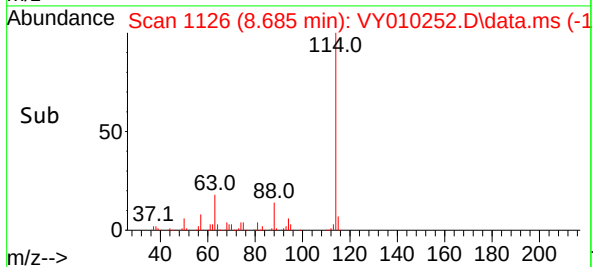
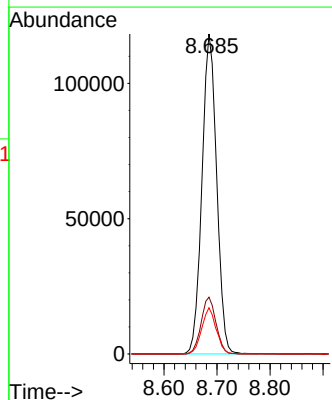
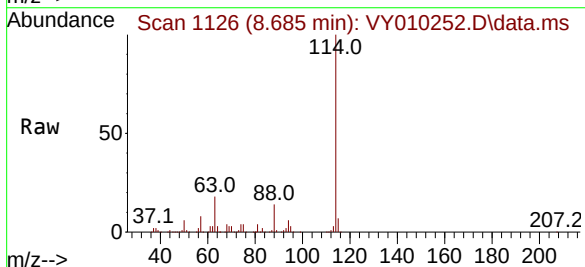
Tgt Ion: 114 Resp: 227515

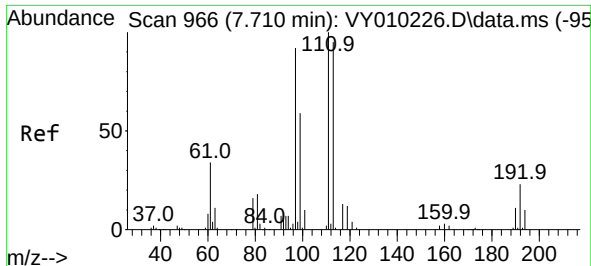
Ion Ratio Lower Upper

114 100

63 17.7 0.0 43.2

88 14.5 0.0 31.8

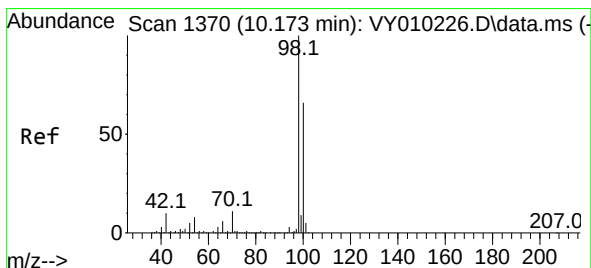
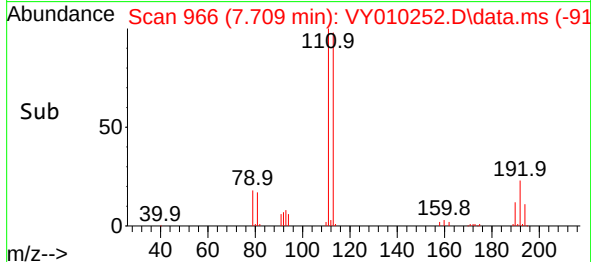
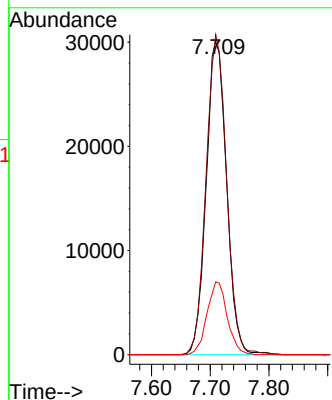
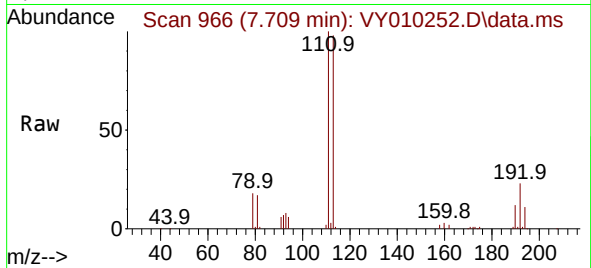




#35
 Dibromofluoromethane
 Concen: 55.526 ug/l
 RT: 7.709 min Scan# 90
 Delta R.T. -0.001 min
 Lab File: VY010252.D
 Acq: 31 Aug 2022 17:51

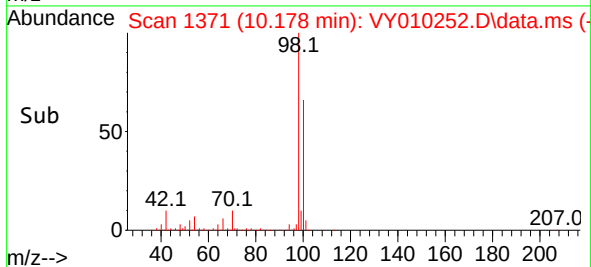
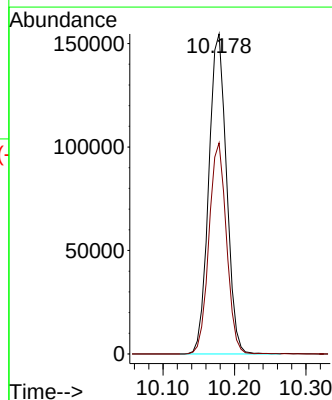
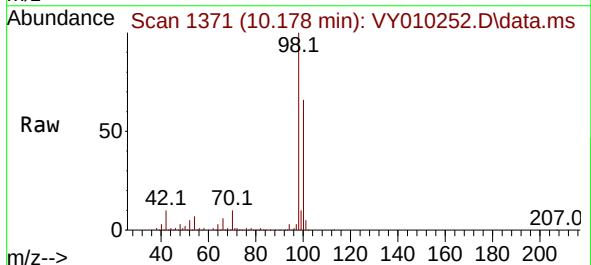
Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-219

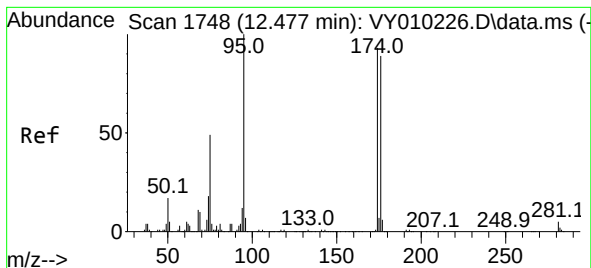
Tgt Ion:113	Resp:	72735	
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.6	124.0
192	23.0	17.6	26.4



#50
 Toluene-d8
 Concen: 54.845 ug/l
 RT: 10.178 min Scan# 1371
 Delta R.T. 0.005 min
 Lab File: VY010252.D
 Acq: 31 Aug 2022 17:51

Tgt Ion: 98	Resp: 267017
Ion Ratio	Lower Upper
98 100	
100 65.0	50.2 75.2

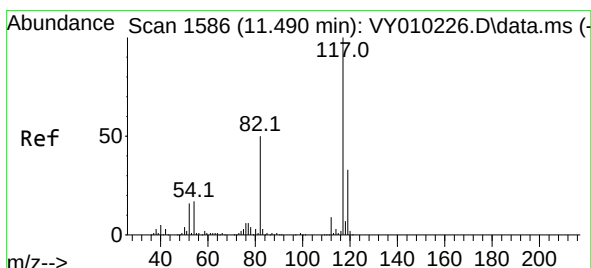
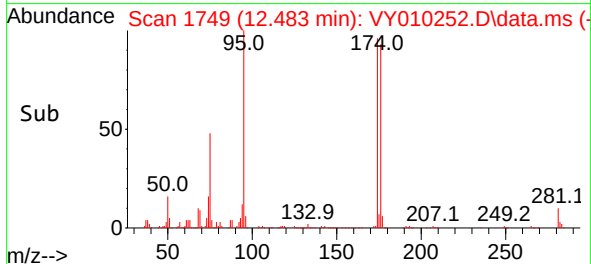
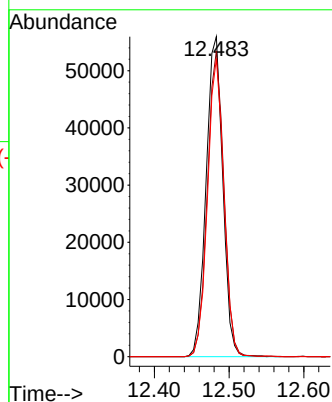
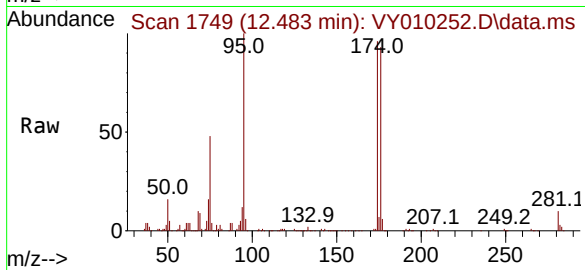




#62
4-Bromofluorobenzene
Concen: 47.814 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010252.D
Acq: 31 Aug 2022 17:51

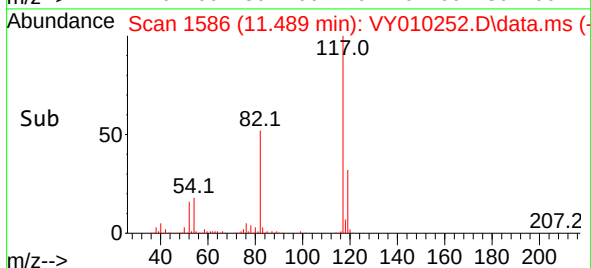
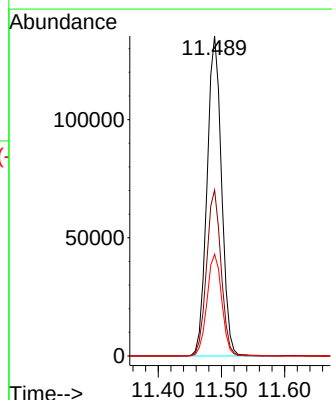
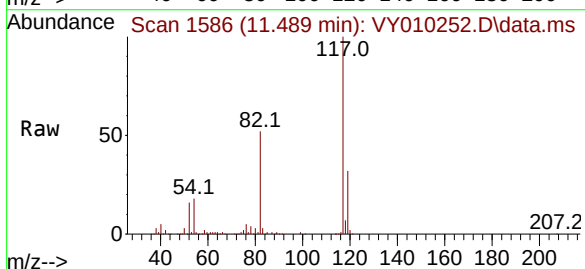
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-219

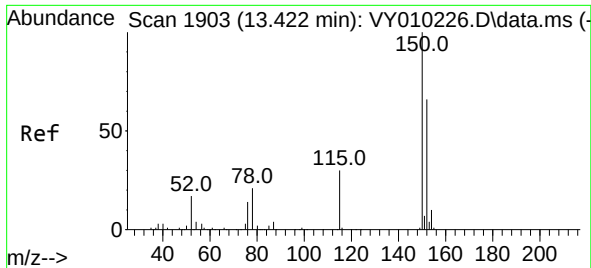
Tgt Ion: 95 Resp: 86670
Ion Ratio Lower Upper
95 100
174 95.0 0.0 177.0
176 91.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010252.D
Acq: 31 Aug 2022 17:51

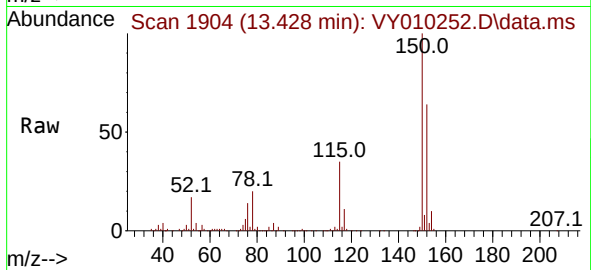
Tgt Ion: 117 Resp: 216240
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 31.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010252.D
 Acq: 31 Aug 2022 17:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-219



Tgt Ion:152 Resp: 102835
 Ion Ratio Lower Upper
 152 100
 115 54.5 28.2 84.7
 150 154.4 0.0 347.6

