

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071023\
 Data File : VY014616.D
 Acq On : 10 Jul 2023 14:29
 Operator : SY/MD
 Sample : 03555-11
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-240

Quant Time: Jul 11 03:19:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

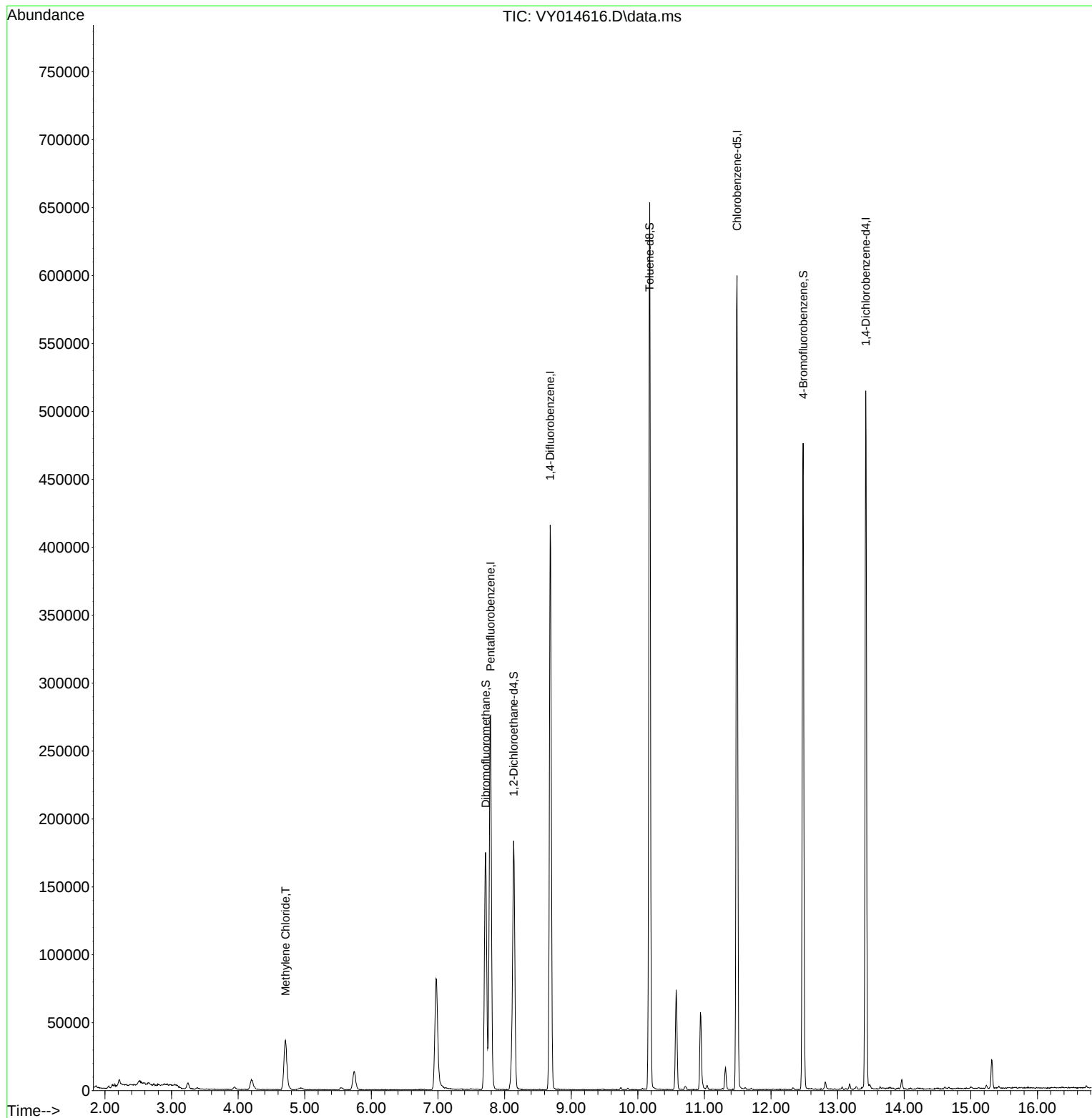
Internal Standards						
1) Pentafluorobenzene	7.789	168	239728	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	374419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	354318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	134112	56.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.480%
35) Dibromofluoromethane	7.716	113	126881	55.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.060%
50) Toluene-d8	10.179	98	446852	49.026	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.060%
62) 4-Bromofluorobenzene	12.483	95	135891	42.936	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.880%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.710	84	29858	6.610	ug/l #	84

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

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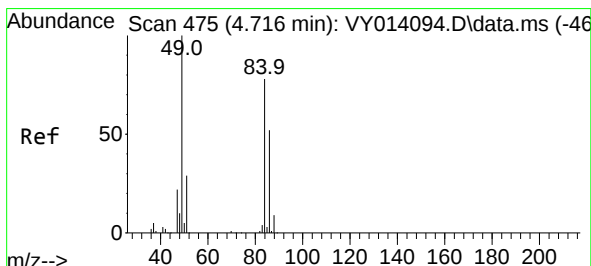
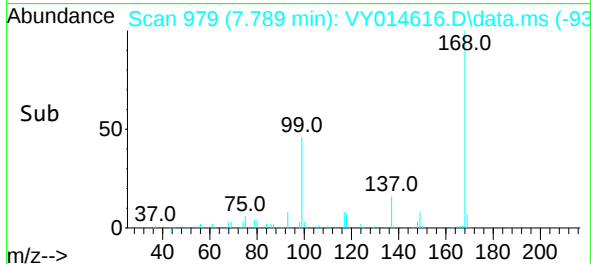
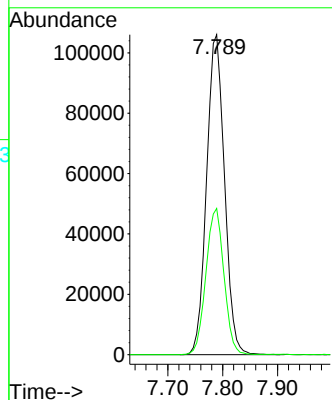
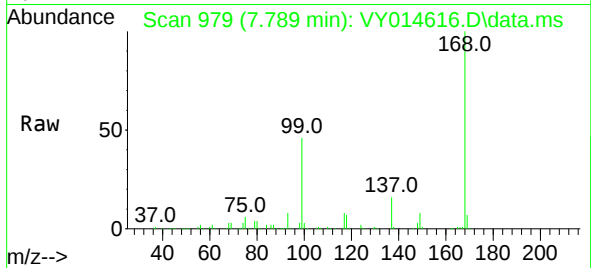




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014616.D
Acq: 10 Jul 2023 14:29

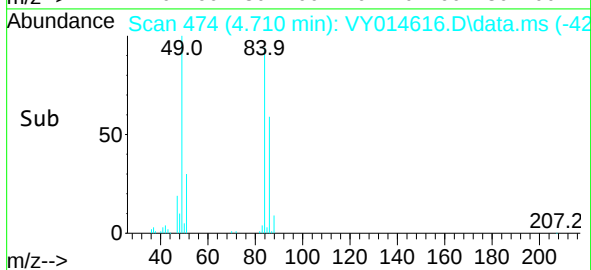
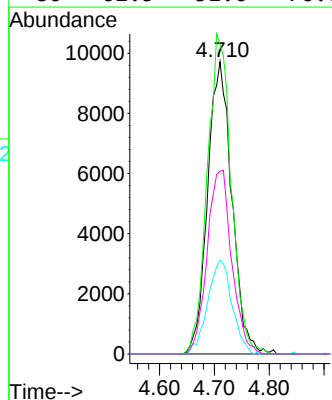
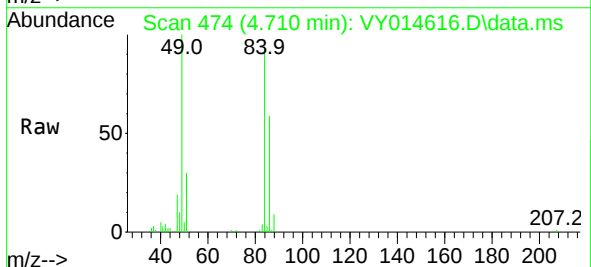
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

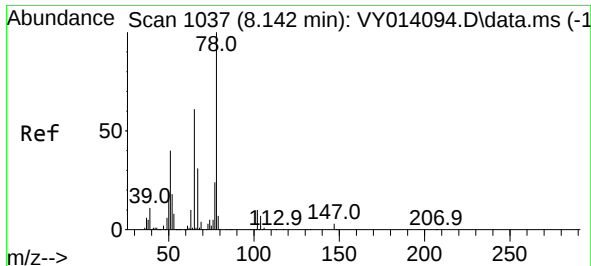
Tgt Ion:168 Resp: 239728
Ion Ratio Lower Upper
168 100
99 45.7 43.4 65.0



#20
Methylene Chloride
Concen: 6.610 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014616.D
Acq: 10 Jul 2023 14:29

Tgt Ion: 84 Resp: 29858
Ion Ratio Lower Upper
84 100
49 106.0 106.9 160.3#
51 32.0 33.2 49.8#
86 62.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 56.237 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY014616.D

Acq: 10 Jul 2023 14:29

Instrument :

MSVOA_Y

ClientSampleId :

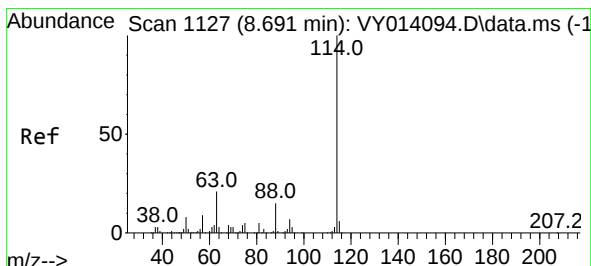
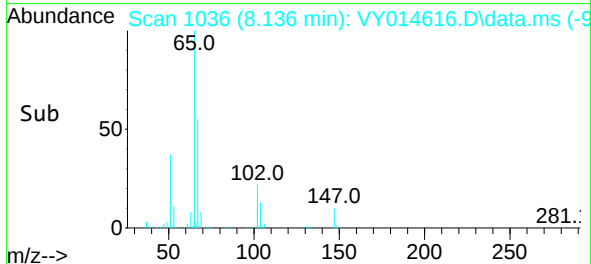
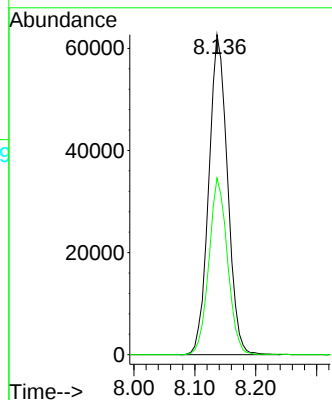
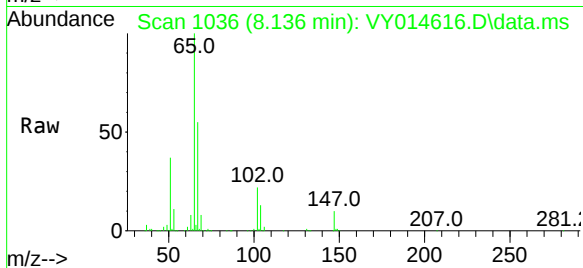
VNJ-240

Tgt Ion: 65 Resp: 134112

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY014616.D

Acq: 10 Jul 2023 14:29

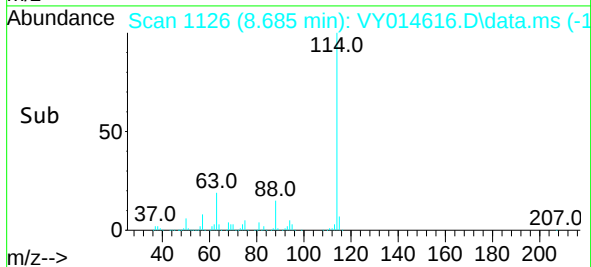
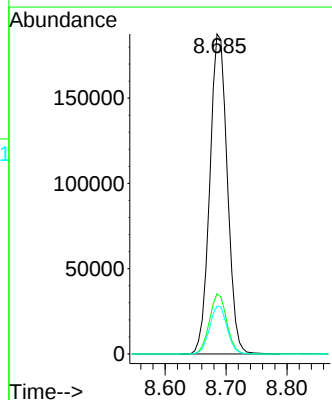
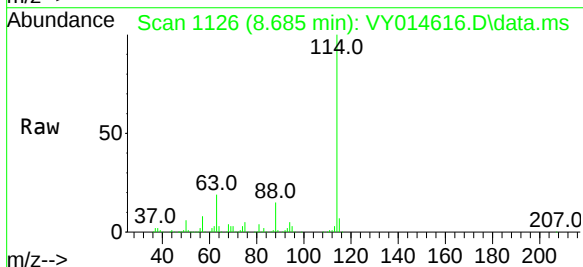
Tgt Ion: 114 Resp: 374419

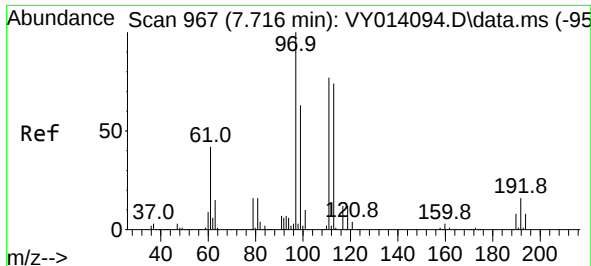
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 14.9 0.0 30.6

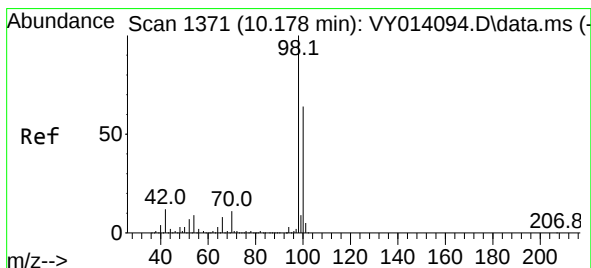
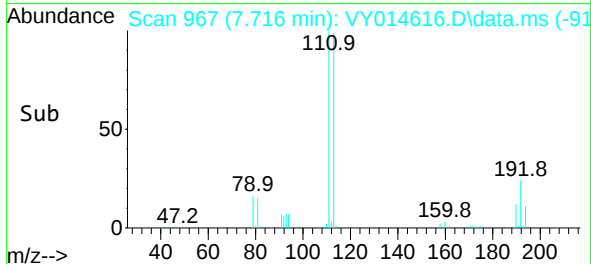
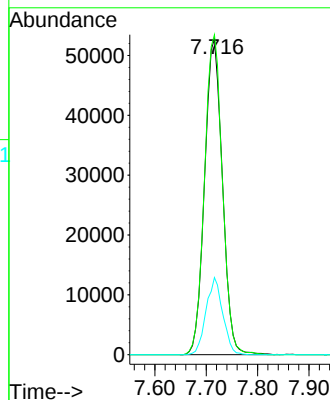
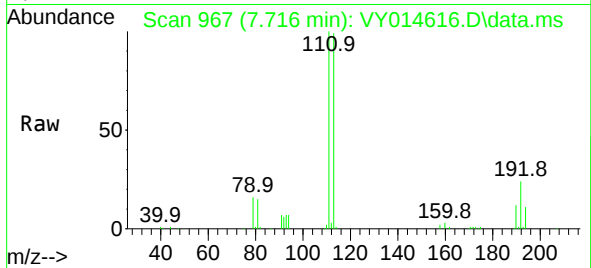




#35
Dibromofluoromethane
Concen: 55.029 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014616.D
Acq: 10 Jul 2023 14:29

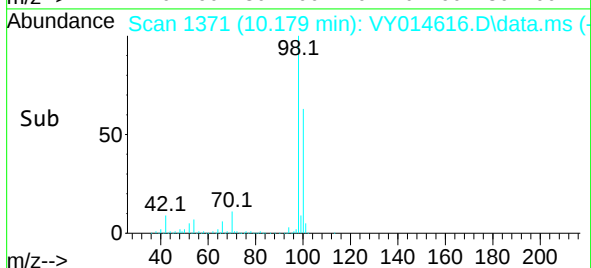
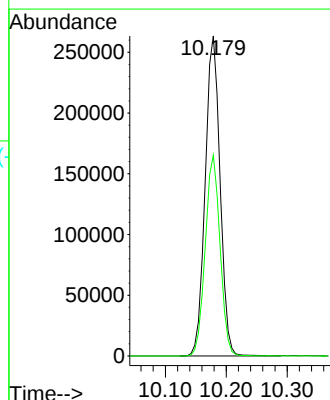
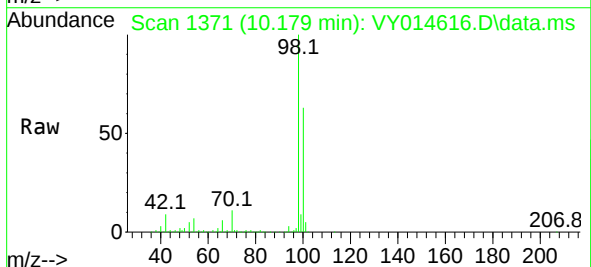
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

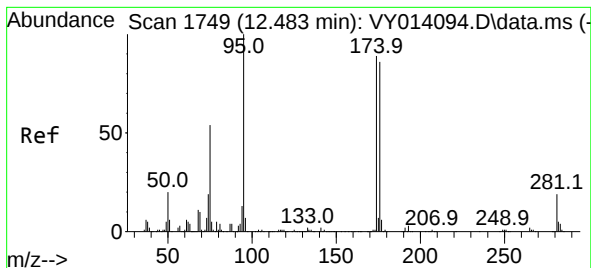
Tgt Ion:113 Resp: 126881
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 22.9 16.9 25.3



#50
Toluene-d8
Concen: 49.026 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014616.D
Acq: 10 Jul 2023 14:29

Tgt Ion: 98 Resp: 446852
Ion Ratio Lower Upper
98 100
100 62.4 50.1 75.1

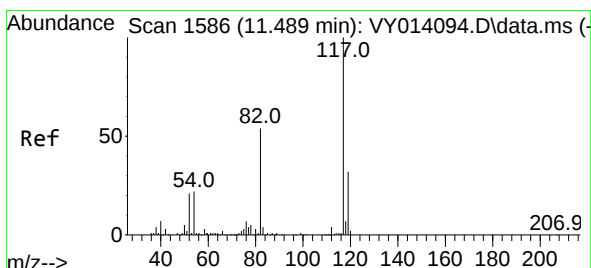
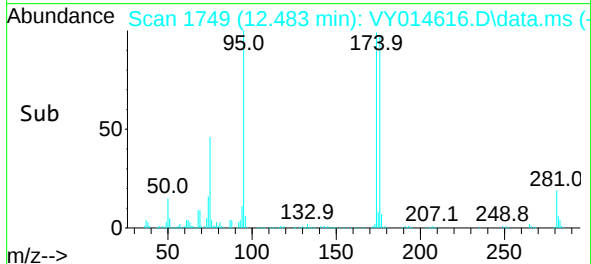
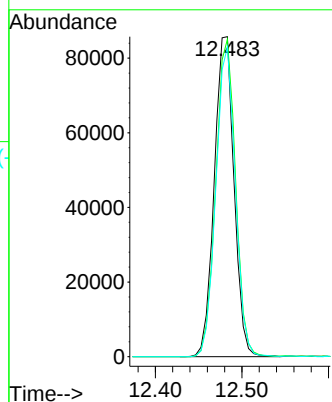
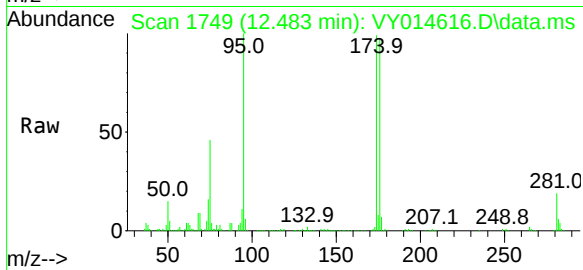




#62
4-Bromofluorobenzene
Concen: 42.936 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014616.D
Acq: 10 Jul 2023 14:29

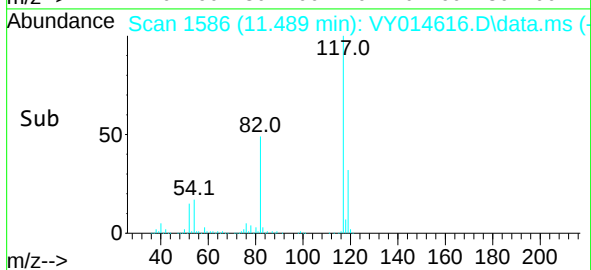
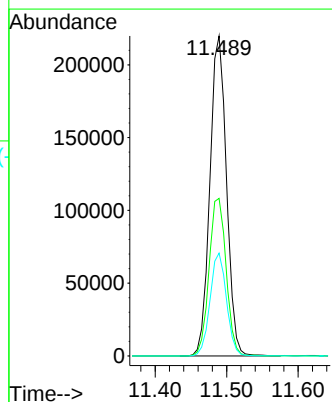
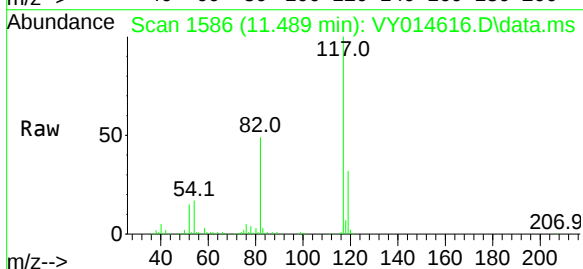
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-240

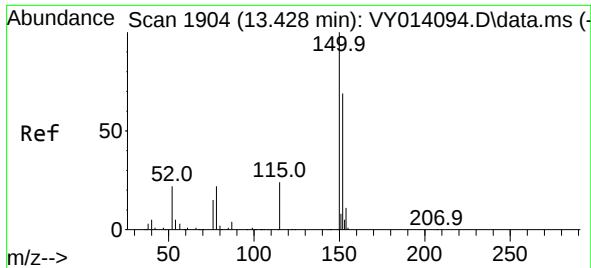
Tgt Ion: 95 Resp: 135891
Ion Ratio Lower Upper
95 100
174 99.1 0.0 178.2
176 95.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014616.D
Acq: 10 Jul 2023 14:29

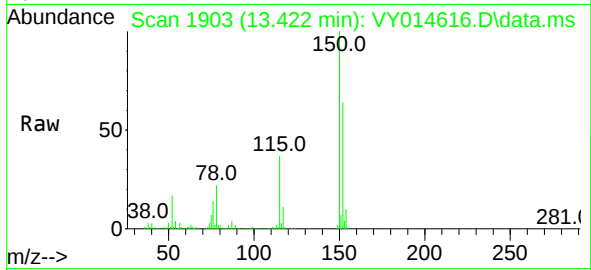
Tgt Ion: 117 Resp: 354318
Ion Ratio Lower Upper
117 100
82 49.3 43.4 65.0
119 32.2 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY014616.D
 Acq: 10 Jul 2023 14:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-240



Tgt Ion:152 Resp: 144391

Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.8	86.5
150	159.0	0.0	348.8

