

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015341.D
 Acq On : 25 Aug 2023 14:41
 Operator : SY/MD
 Sample : 04165-03
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-210

Quant Time: Aug 25 23:42:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

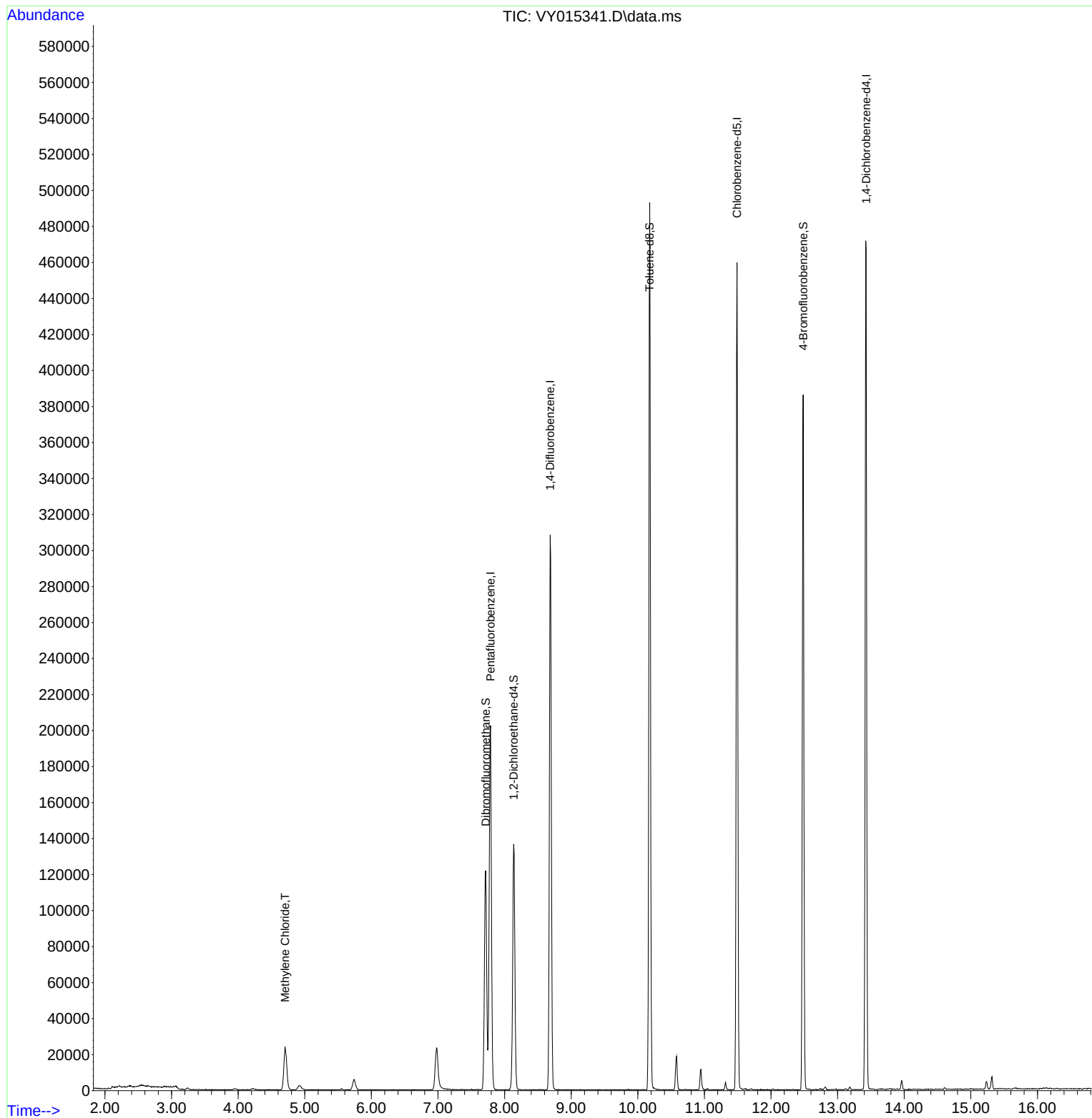
Internal Standards						
1) Pentafluorobenzene	7.789	168	158878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	247732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	122197	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106125	55.645	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.716	113	85403	49.614	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.220%
50) Toluene-d8	10.179	98	315524	49.240	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.480%
62) 4-Bromofluorobenzene	12.483	95	111583	47.675	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.360%
Target Compounds						
20) Methylene Chloride	4.704	84	17698	8.239	ug/l	Qvalue 91

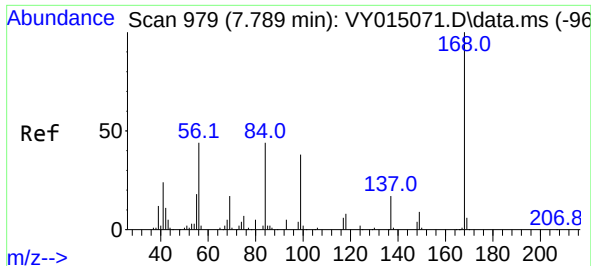
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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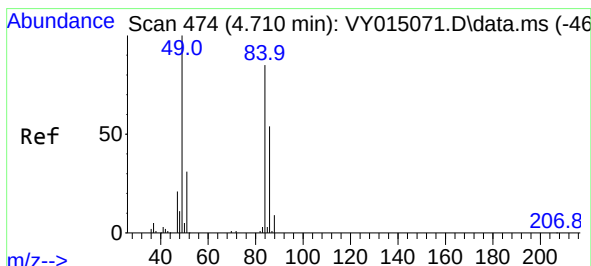
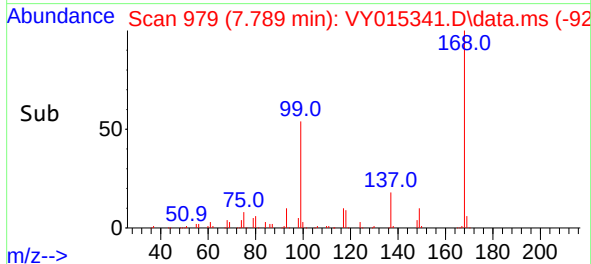
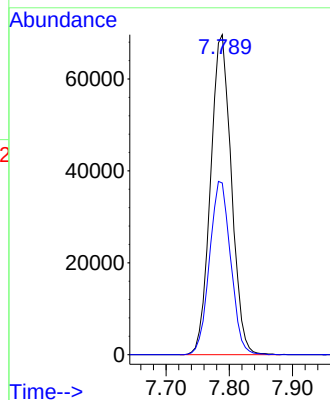
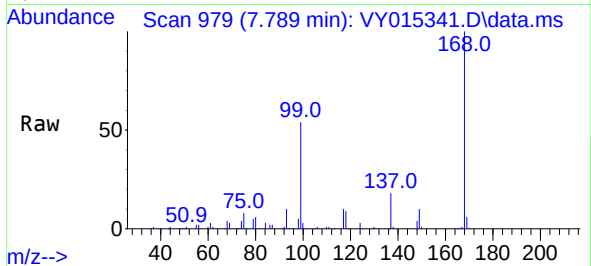




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015341.D
Acq: 25 Aug 2023 14:41

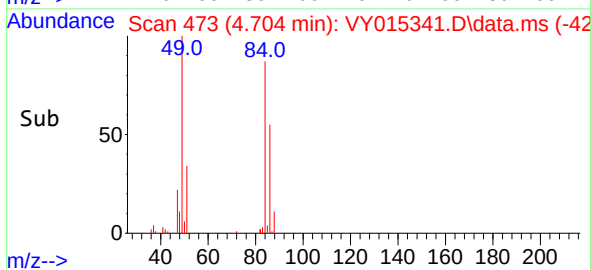
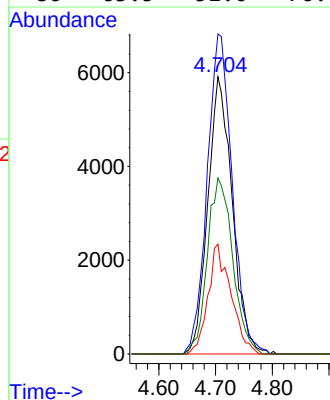
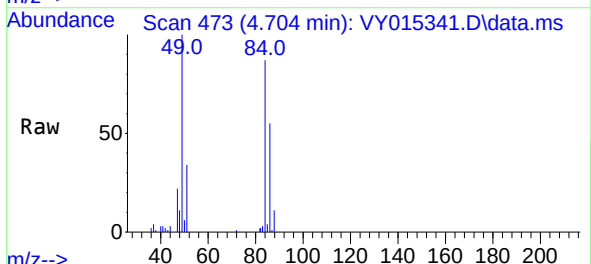
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

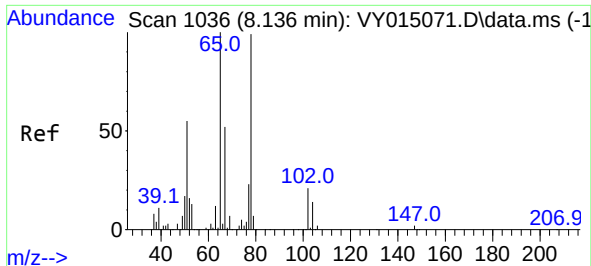
Tgt Ion:168 Resp: 158878
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#20
Methylene Chloride
Concen: 8.239 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015341.D
Acq: 25 Aug 2023 14:41

Tgt Ion: 84 Resp: 17698
Ion Ratio Lower Upper
84 100
49 115.5 106.9 160.3
51 39.6 33.2 49.8
86 63.5 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 55.645 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015341.D

Acq: 25 Aug 2023 14:41

Instrument :

MSVOA_Y

ClientSampleId :

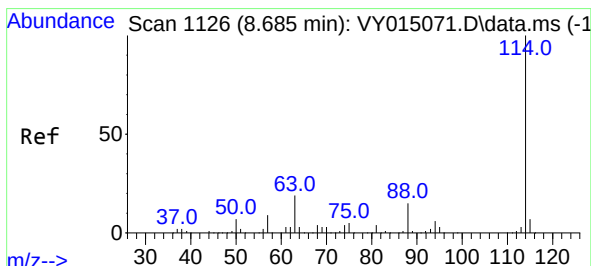
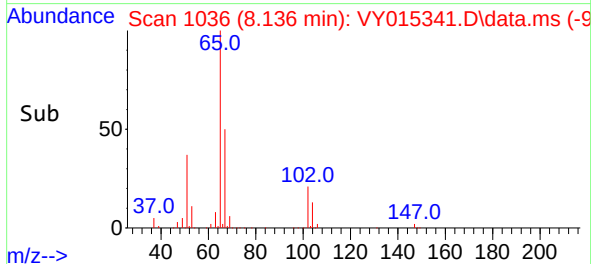
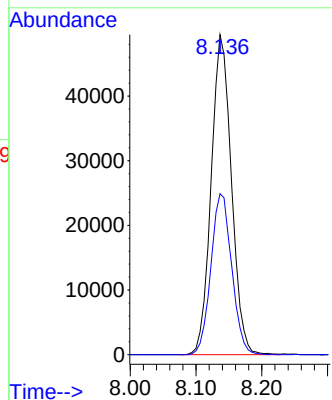
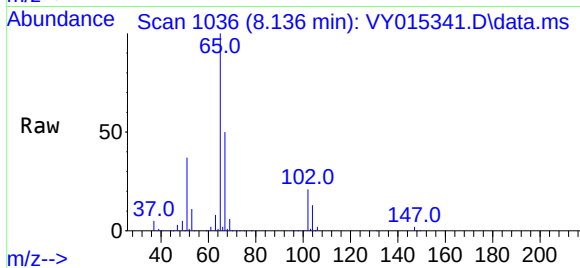
VNJ-210

Tgt Ion: 65 Resp: 106125

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY015341.D

Acq: 25 Aug 2023 14:41

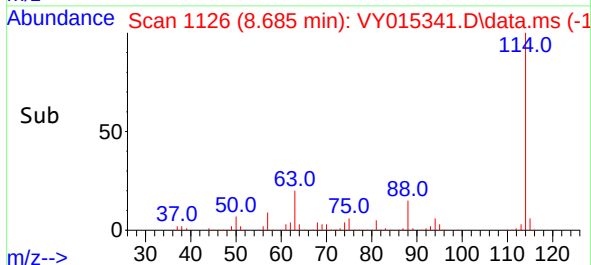
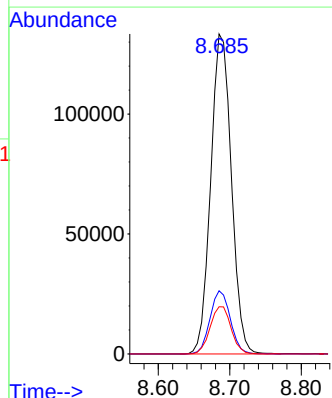
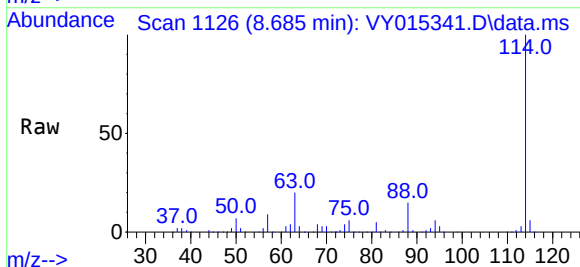
Tgt Ion: 114 Resp: 267569

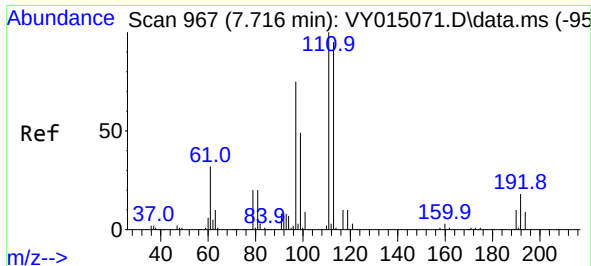
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 14.7 0.0 30.6

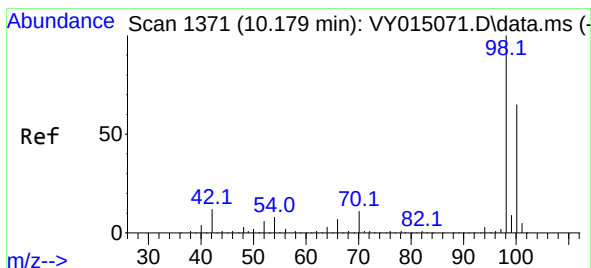
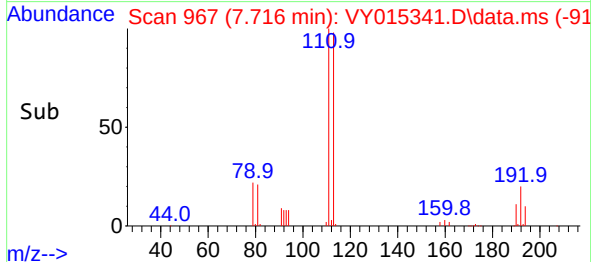
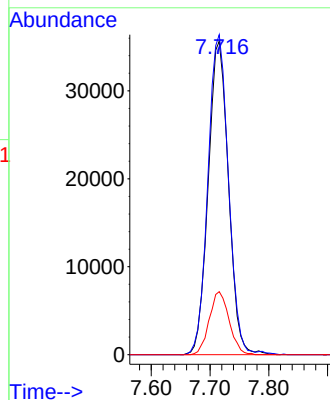
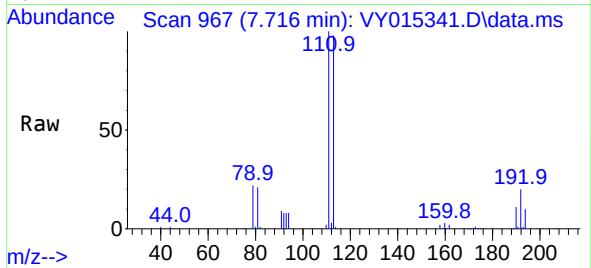




#35
Dibromofluoromethane
Concen: 49.614 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015341.D
Acq: 25 Aug 2023 14:41

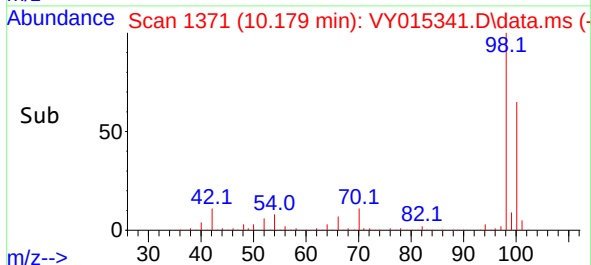
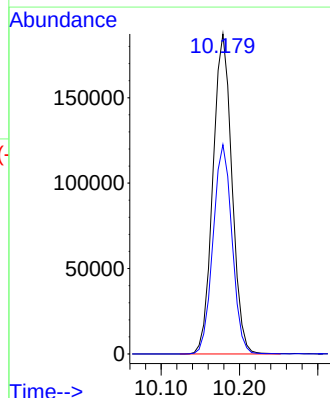
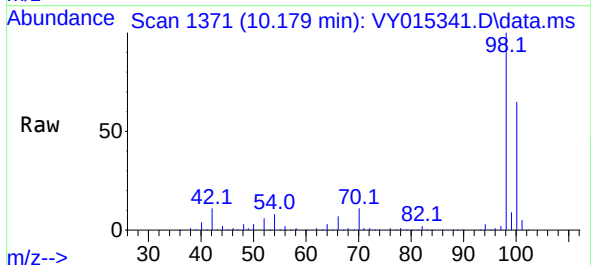
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

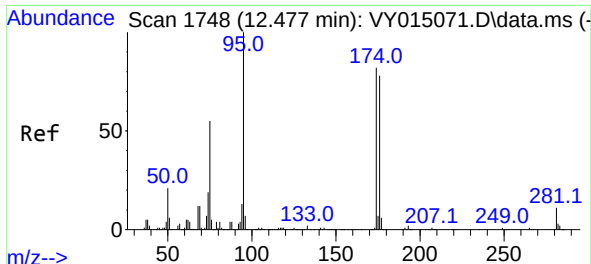
Tgt Ion:113 Resp: 85403
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.7 16.9 25.3



#50
Toluene-d8
Concen: 49.240 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015341.D
Acq: 25 Aug 2023 14:41

Tgt Ion: 98 Resp: 315524
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

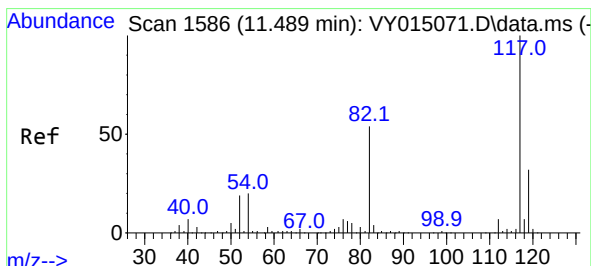
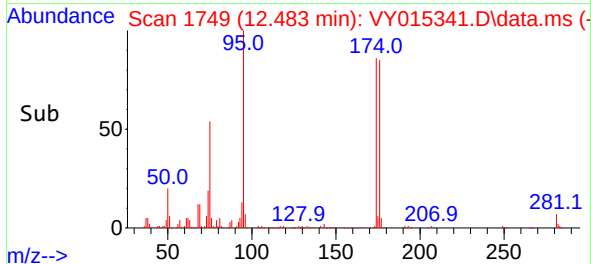
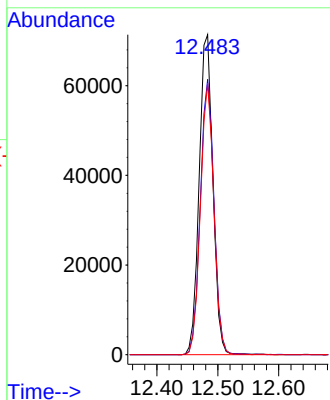
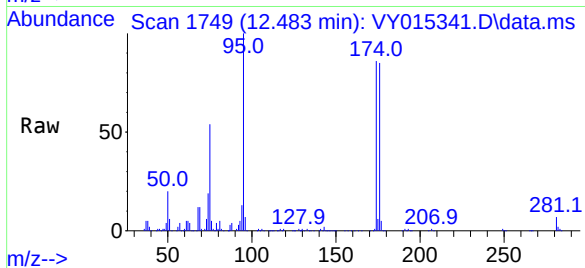




#62
4-Bromofluorobenzene
Concen: 47.675 ug/l
RT: 12.483 min Scan# 111
Delta R.T. 0.006 min
Lab File: VY015341.D
Acq: 25 Aug 2023 14:41

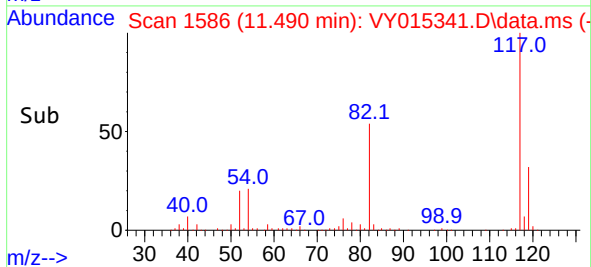
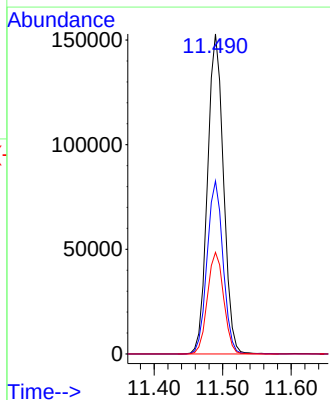
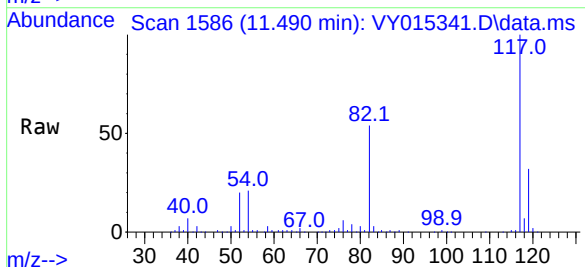
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

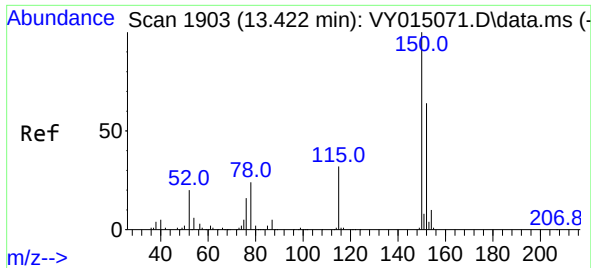
Tgt Ion: 95 Resp: 111583
Ion Ratio Lower Upper
95 100
174 85.9 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015341.D
Acq: 25 Aug 2023 14:41

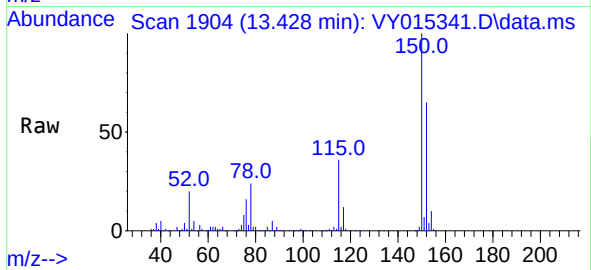
Tgt Ion: 117 Resp: 247732
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.7 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015341.D
 Acq: 25 Aug 2023 14:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-210



Tgt Ion:152 Resp: 122197

Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.8	86.5
150	157.6	0.0	348.8

