

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070549.D
 Acq On : 04 Oct 2021 14:19
 Operator : VA/SY
 Sample : M4032-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-100121

Quant Time: Oct 05 05:33:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

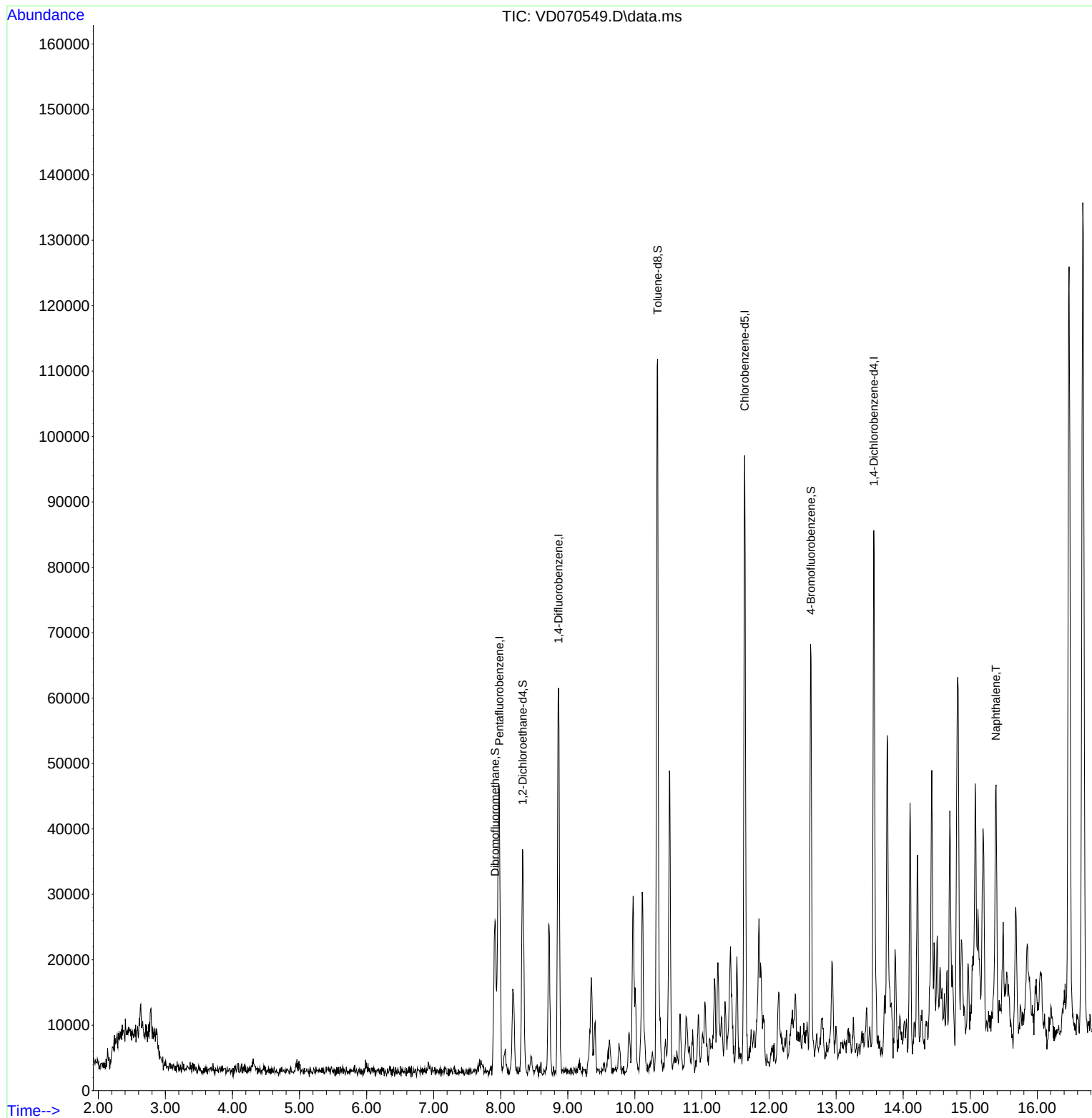
Internal Standards						
1) Pentafluorobenzene	7.979	168	27718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	50626	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	53372	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	21742	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	25798	72.49	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.98%
35) Dibromofluoromethane	7.914	113	17624	48.91	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.82%
50) Toluene-d8	10.338	98	66135	50.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.10%
62) 4-Bromofluorobenzene	12.626	95	22851	49.97	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.94%
Target Compounds						
95) Naphthalene	15.385	128	32335	50.99	ug/l	Qvalue # 95

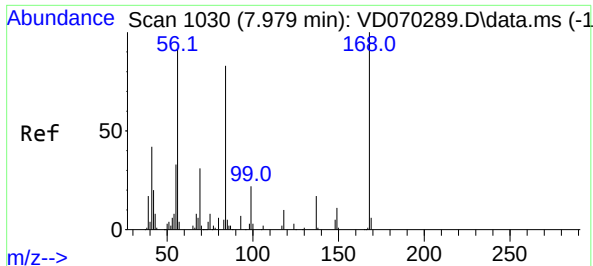
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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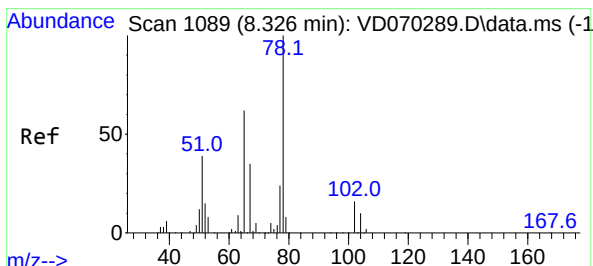
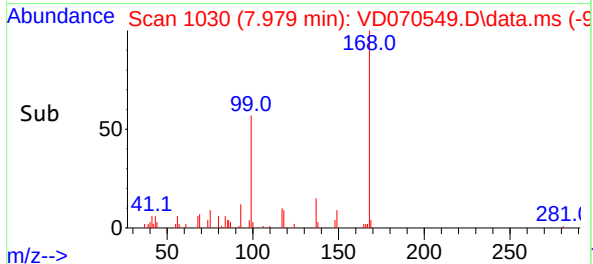
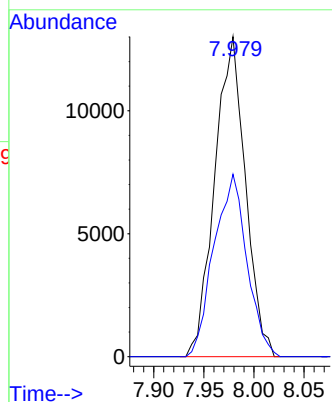
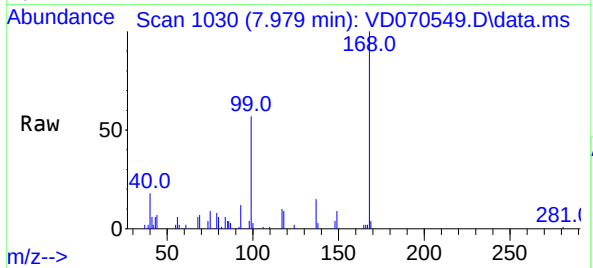




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070549.D
Acq: 04 Oct 2021 14:19

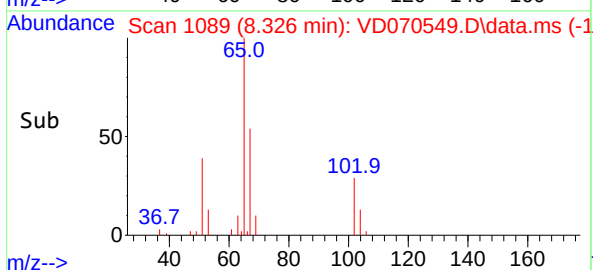
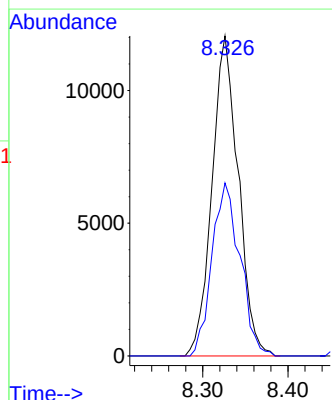
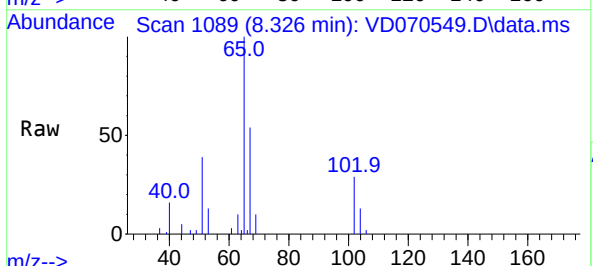
Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

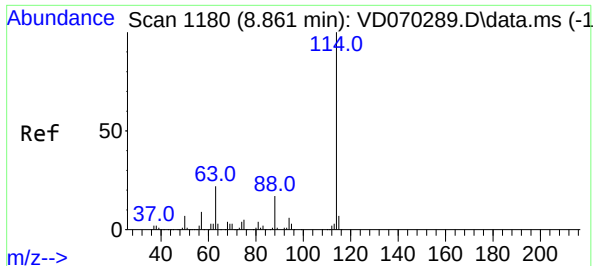
Tgt Ion:168 Resp: 27718
Ion Ratio Lower Upper
168 100
99 57.0 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 72.49 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070549.D
Acq: 04 Oct 2021 14:19

Tgt Ion: 65 Resp: 25798
Ion Ratio Lower Upper
65 100
67 57.8 0.0 111.4



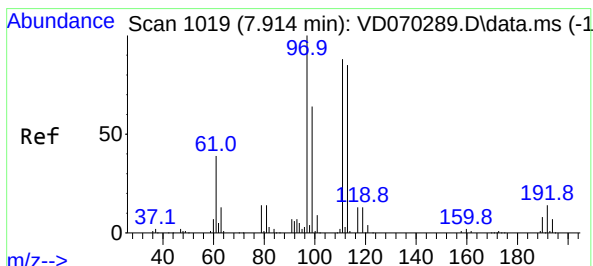
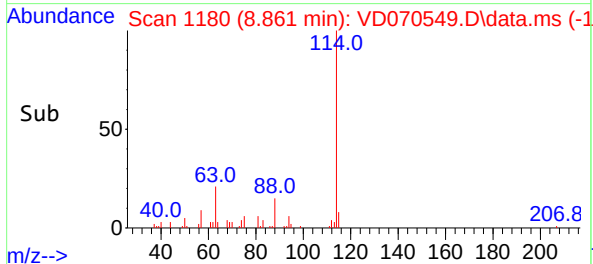
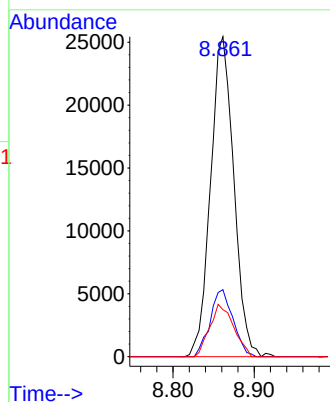
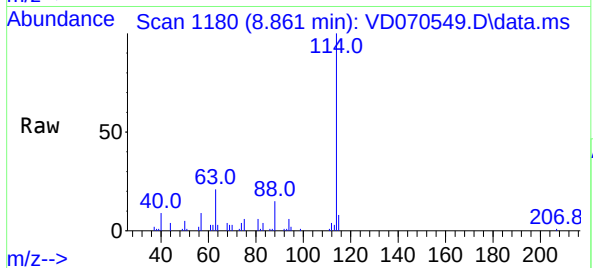


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070549.D
Acq: 04 Oct 2021 14:19

Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

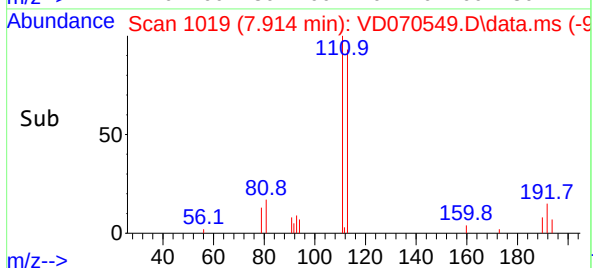
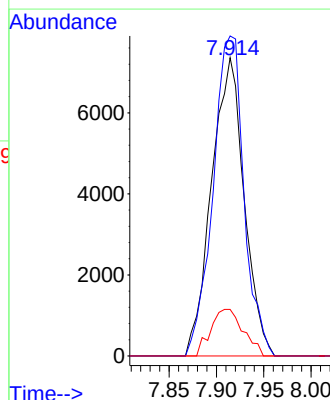
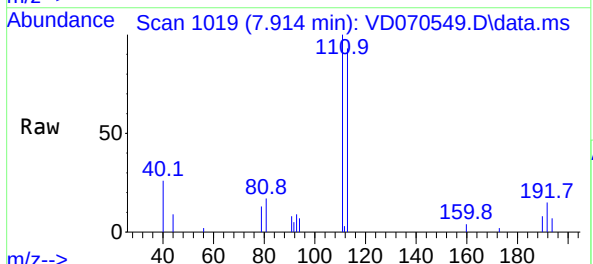
Tgt Ion:	114	Resp:	50626
Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	43.4
88	14.7	0.0	33.4

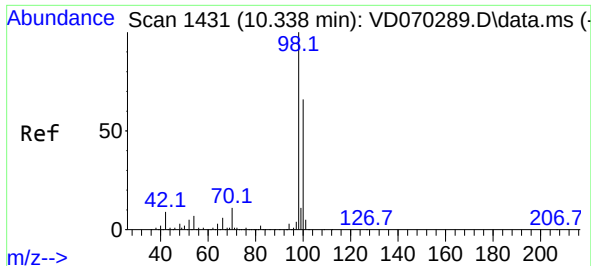


#35

Dibromofluoromethane
Concen: 48.91 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070549.D
Acq: 04 Oct 2021 14:19

Tgt Ion:	113	Resp:	17624
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.4	122.2
192	15.6	13.0	19.6

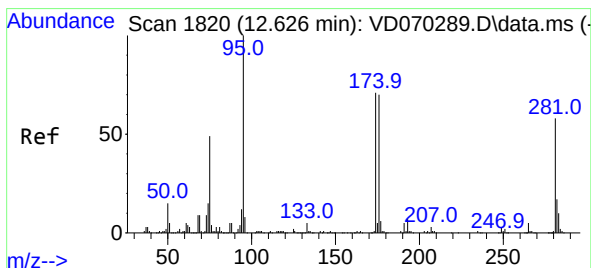
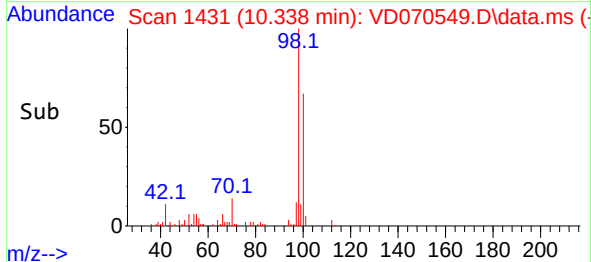
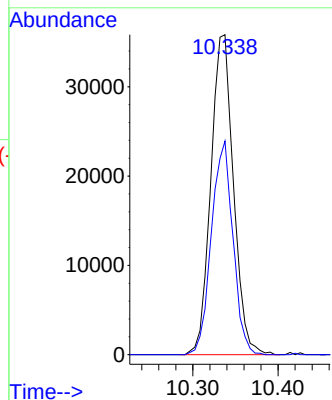
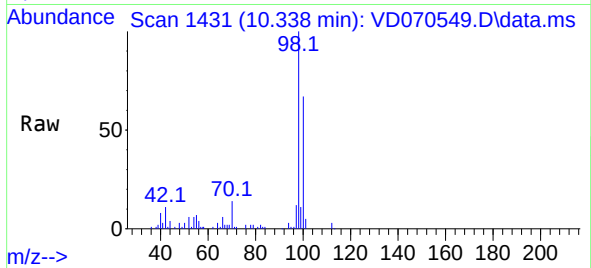




#50
Toluene-d8
Concen: 50.55 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070549.D
Acq: 04 Oct 2021 14:19

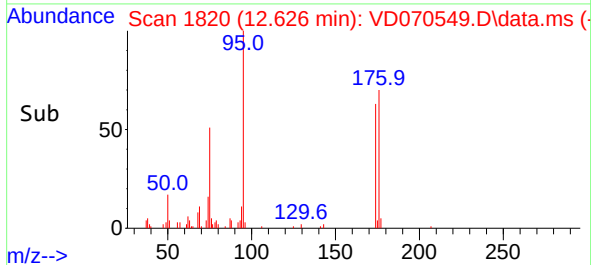
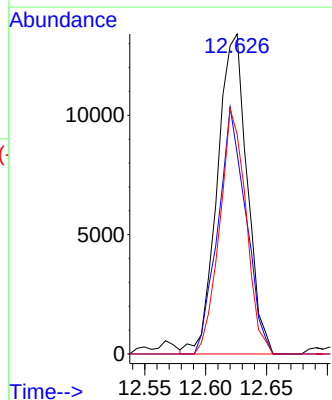
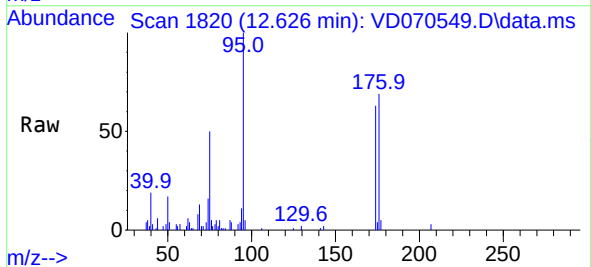
Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

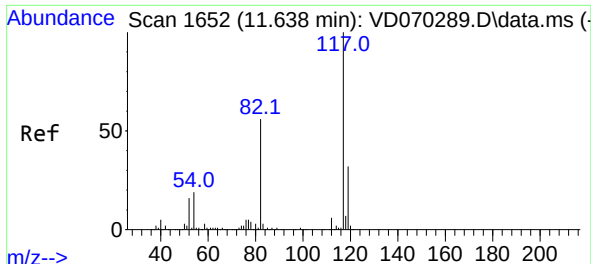
Tgt Ion: 98 Resp: 66135
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.97 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070549.D
Acq: 04 Oct 2021 14:19

Tgt Ion: 95 Resp: 22851
Ion Ratio Lower Upper
95 100
174 72.2 0.0 140.6
176 67.7 0.0 137.4

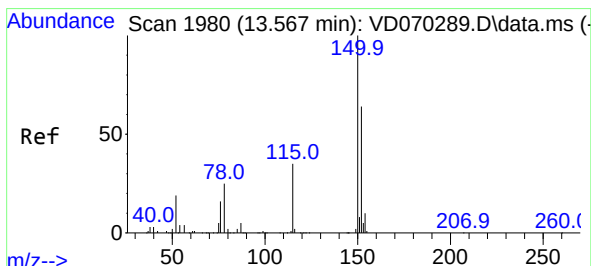
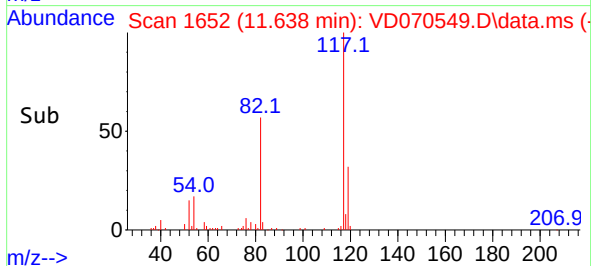
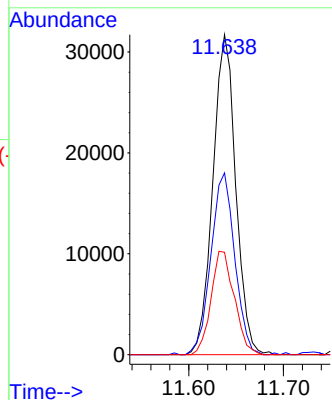
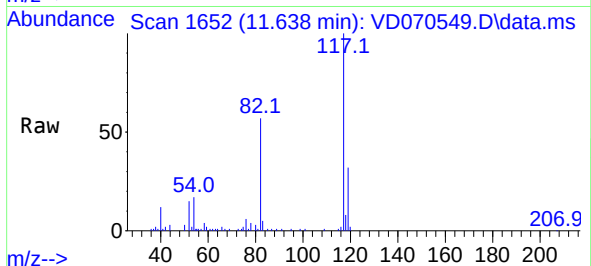




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070549.D
Acq: 04 Oct 2021 14:19

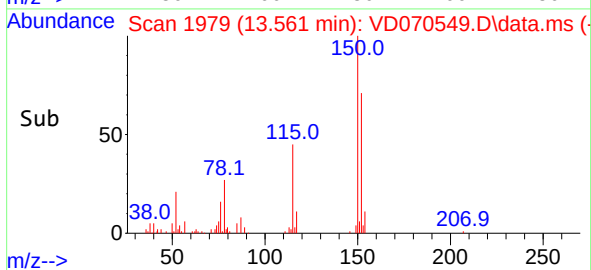
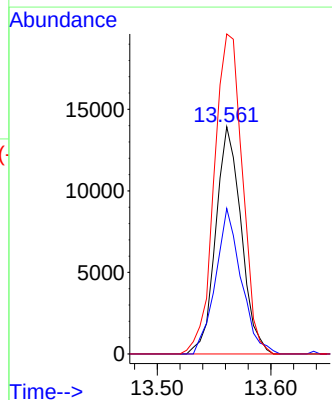
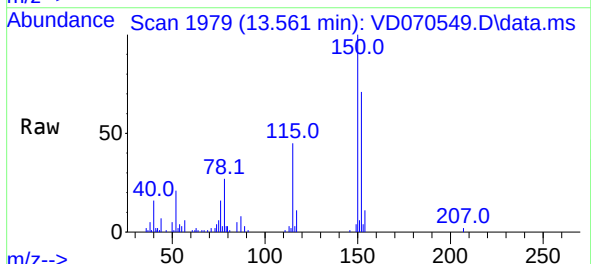
Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

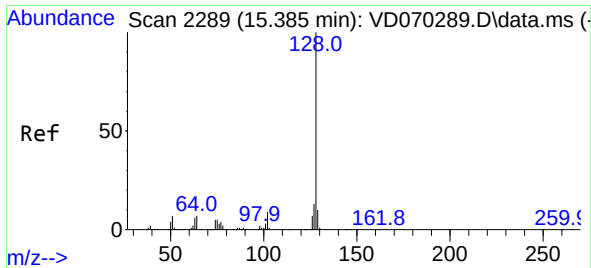
Tgt Ion:	117	Resp:	53372
Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.0	67.4
119	32.0	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070549.D
Acq: 04 Oct 2021 14:19

Tgt Ion:	152	Resp:	21742
Ion	Ratio	Lower	Upper
152	100		
115	64.6	32.1	96.3
150	155.7	0.0	350.6





#95
Naphthalene
Concen: 50.99 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070549.D
Acq: 04 Oct 2021 14:19

Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

Tgt Ion:	128	Resp:	32335
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.5	15.7
129	14.3	9.0	13.4#

