

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
 Data File : VD070554.D
 Acq On : 04 Oct 2021 16:41
 Operator : VA/SY
 Sample : M4032-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-08-100121

Quant Time: Oct 05 05:30:52 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)

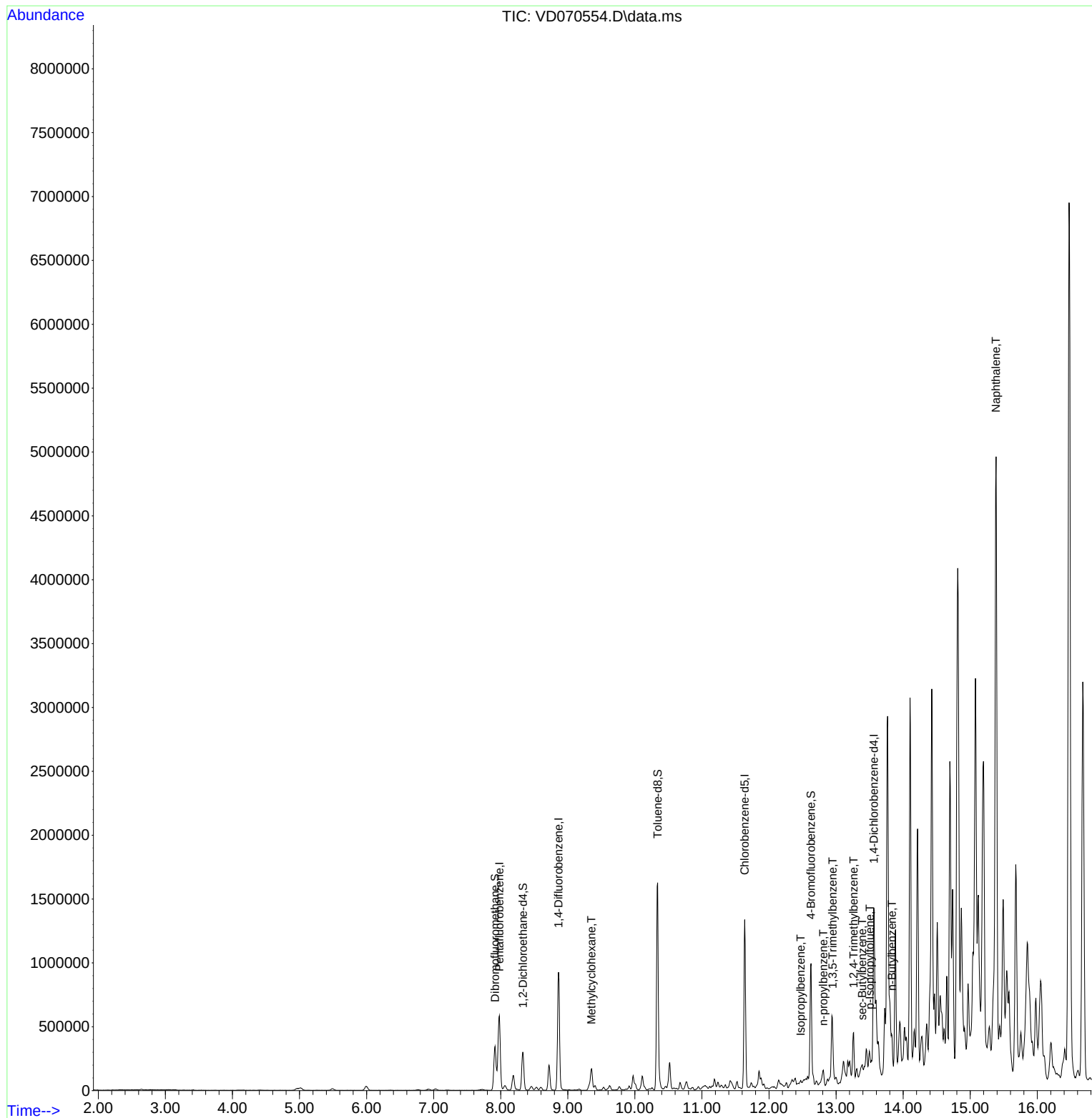
Internal Standards						
1) Pentafluorobenzene	7.979	168	382303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	813176	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	760264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	328693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	241535	49.20	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.40%		
35) Dibromofluoromethane	7.914	113	253337	43.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.54%		
50) Toluene-d8	10.338	98	1058584	50.37	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.74%		
62) 4-Bromofluorobenzene	12.626	95	348433	47.44	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.88%		
Target Compounds						Qvalue
39) Methylcyclohexane	9.350	83	64584	6.65	ug/l #	93
73) Isopropylbenzene	12.473	105	24271	1.05	ug/l	98
78) n-propylbenzene	12.808	91	86258	2.88	ug/l	95
80) 1,3,5-Trimethylbenzene	12.949	105	74842	3.76	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	221992	11.33	ug/l	100
85) sec-Butylbenzene	13.391	105	40696	1.60	ug/l #	40
86) p-Isopropyltoluene	13.502	119	54250	2.66	ug/l	98
89) n-Butylbenzene	13.832	91	155993	7.68	ug/l #	82
95) Naphthalene	15.385	128	4065564	424.05	ug/l	100

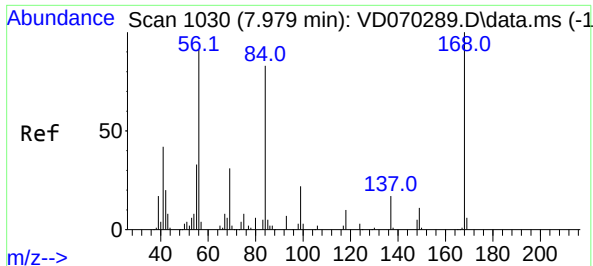
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100421\
Data File : VD070554.D
Acq On : 04 Oct 2021 16:41
Operator : VA/SY
Sample : M4032-01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

Quant Time: Oct 05 05:30:52 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

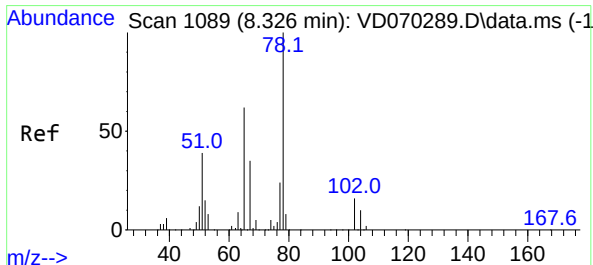
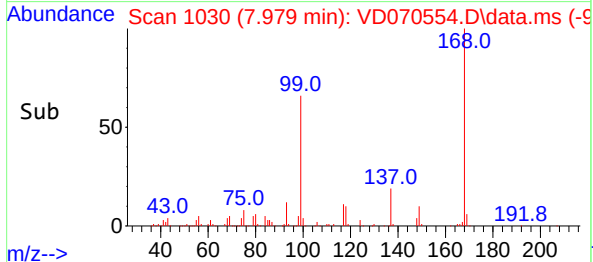
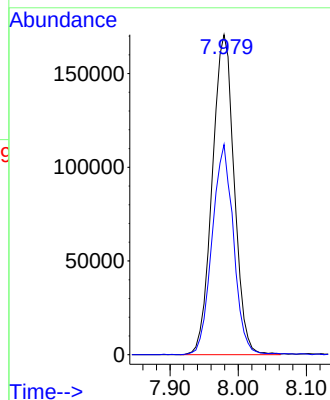
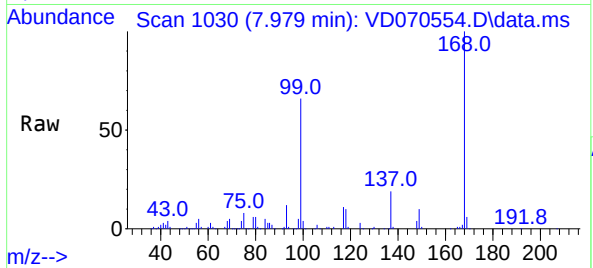




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

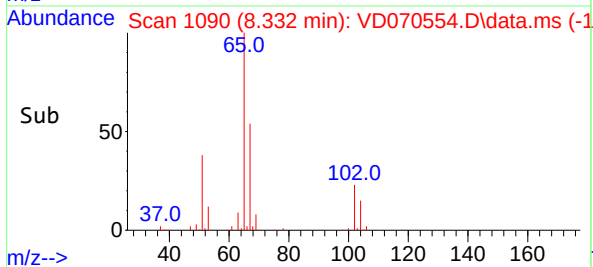
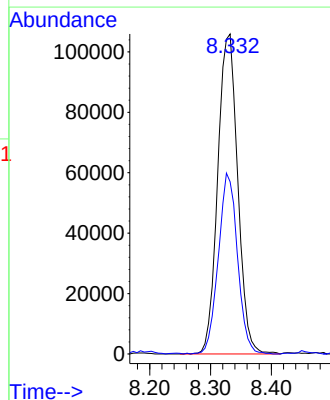
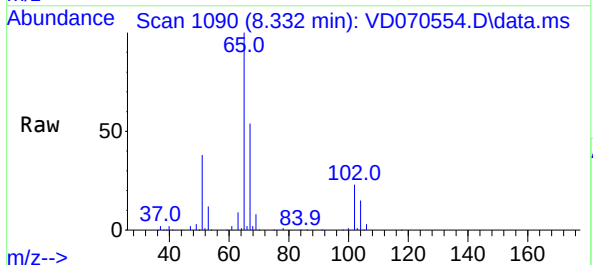
Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

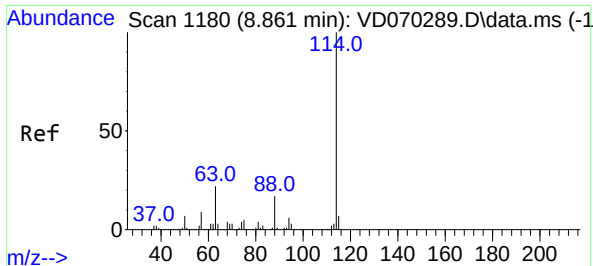
Tgt Ion:168 Resp: 382303
Ion Ratio Lower Upper
168 100
99 65.7 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 49.20 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

Tgt Ion: 65 Resp: 241535
Ion Ratio Lower Upper
65 100
67 54.1 0.0 111.4



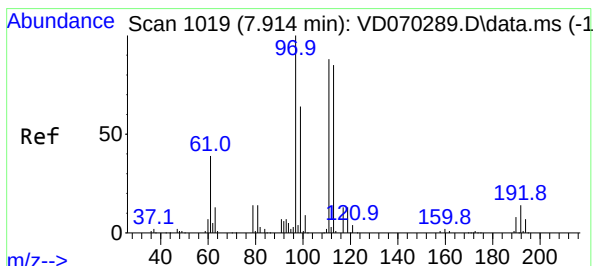
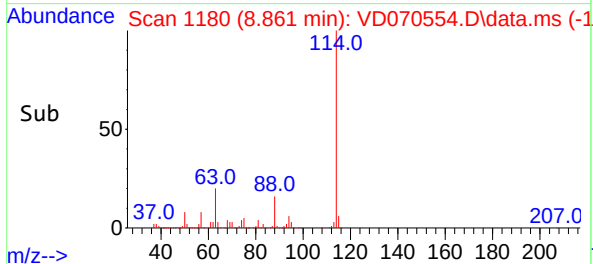
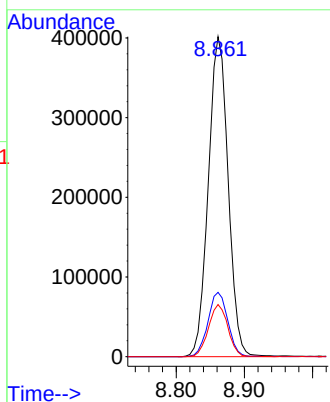
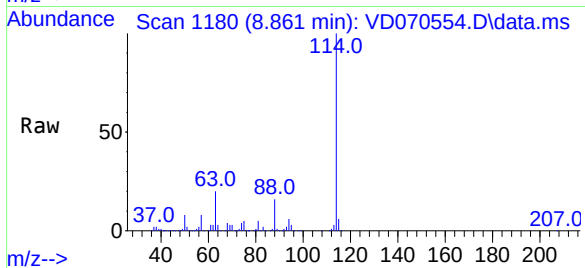


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

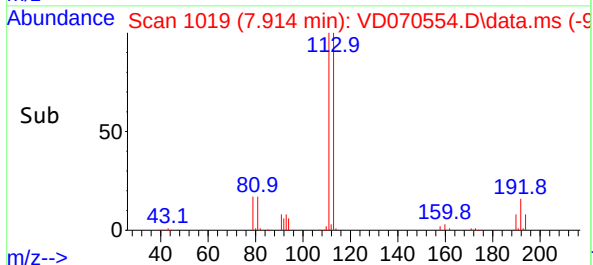
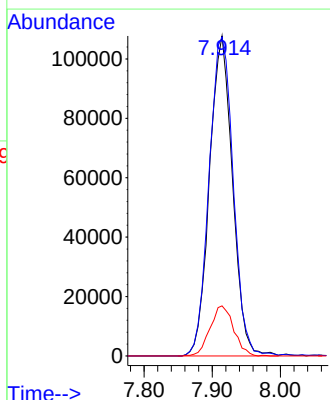
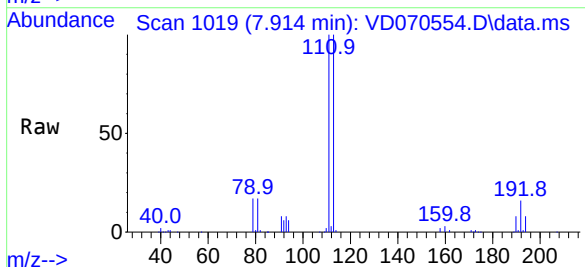
Tgt Ion:	114	Resp:	813176
Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	43.4
88	16.3	0.0	33.4

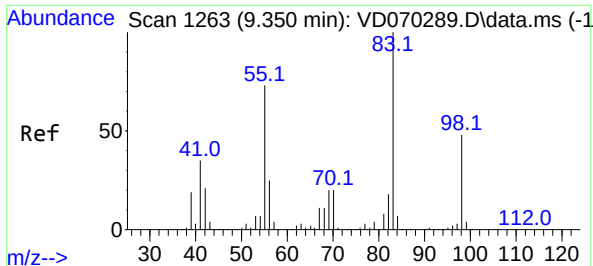


#35

Dibromofluoromethane
Concen: 43.77 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

Tgt Ion:	113	Resp:	253337
Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.4	122.2
192	16.1	13.0	19.6





#39

Methylcyclohexane

Concen: 6.65 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VD070554.D

Acq: 04 Oct 2021 16:41

Tgt Ion: 83 Resp: 64584

Ion Ratio Lower Upper

83 100

55 70.9 58.5 87.7

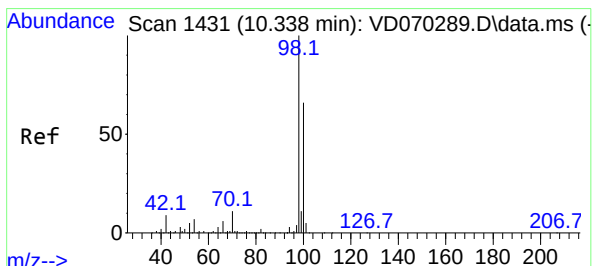
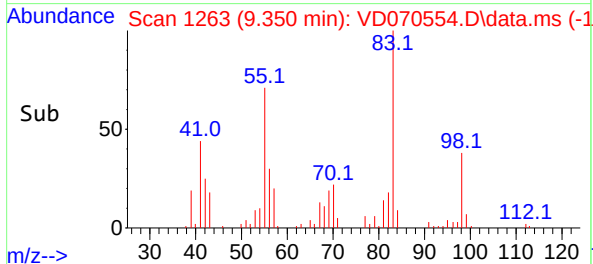
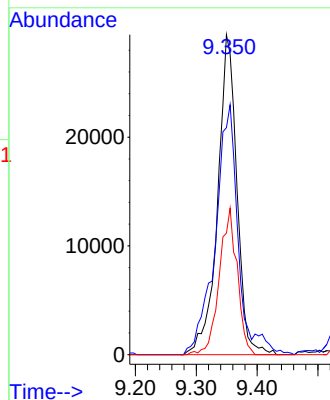
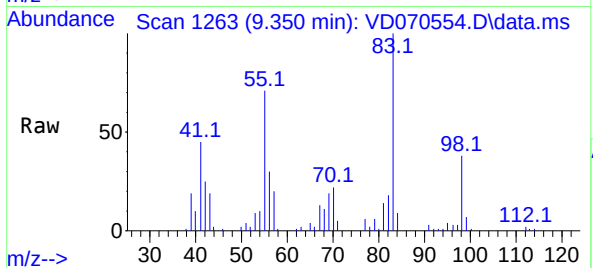
98 38.0 38.4 57.6#

Instrument :

MSVOA_D

ClientSampleId :

NB-08-100121



#50

Toluene-d8

Concen: 50.37 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD070554.D

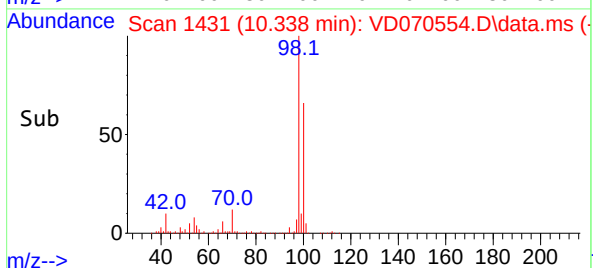
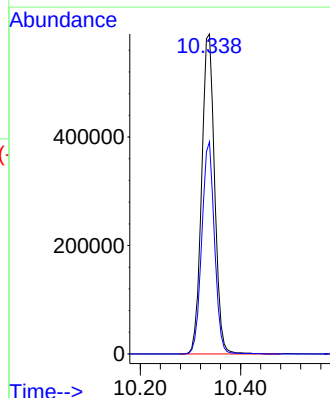
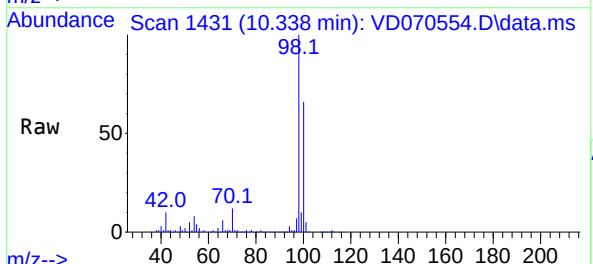
Acq: 04 Oct 2021 16:41

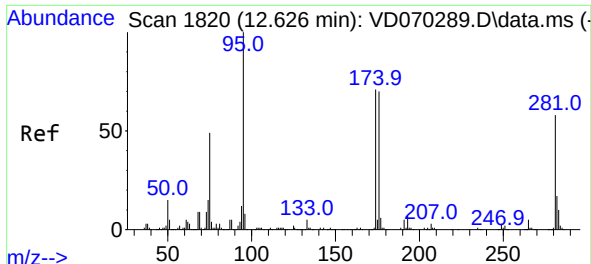
Tgt Ion: 98 Resp: 1058584

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

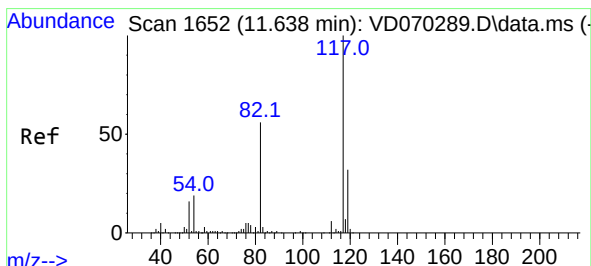
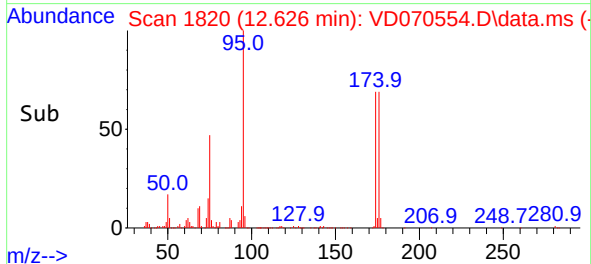
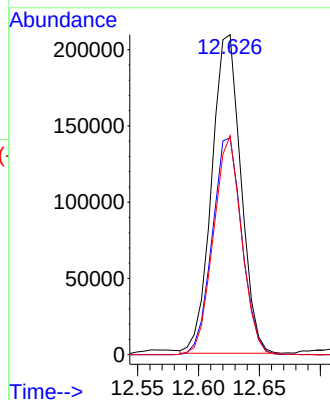
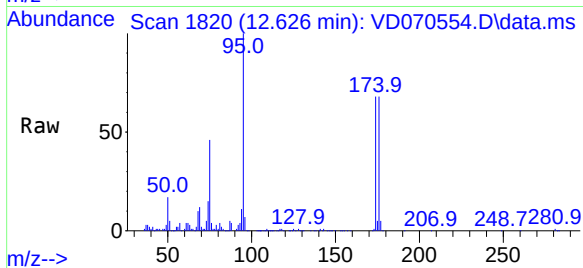




#62
4-Bromofluorobenzene
Concen: 47.44 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

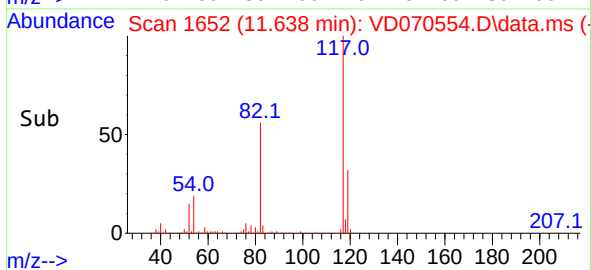
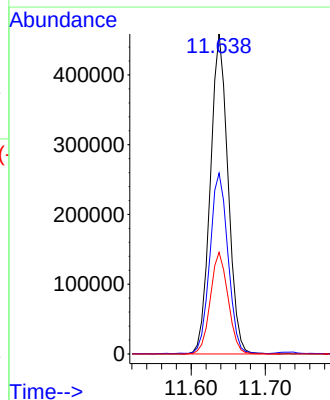
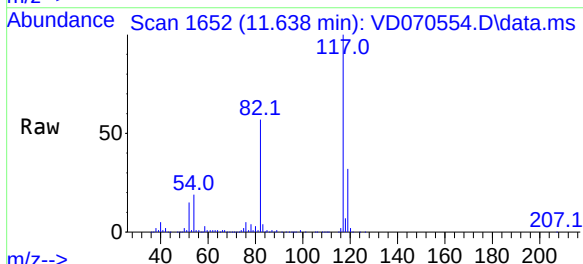
Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

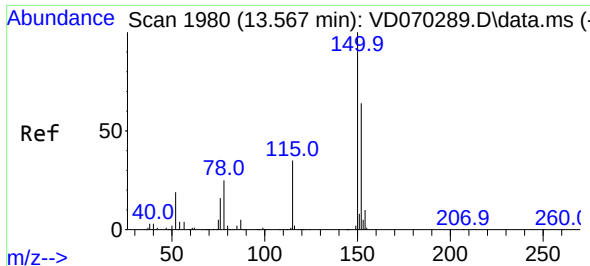
Tgt Ion: 95 Resp: 348433
Ion Ratio Lower Upper
95 100
174 69.1 0.0 140.6
176 66.2 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

Tgt Ion: 117 Resp: 760264
Ion Ratio Lower Upper
117 100
82 56.3 45.0 67.4
119 31.8 25.2 37.8

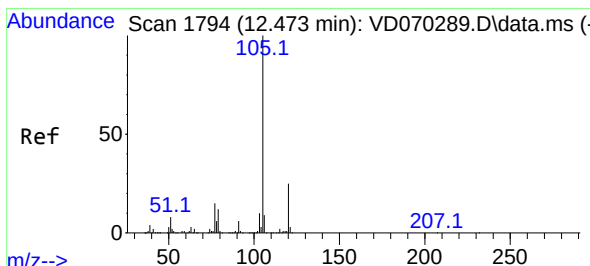
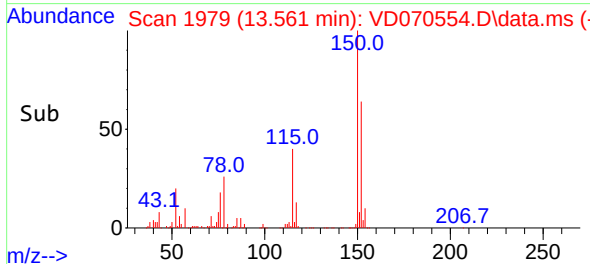
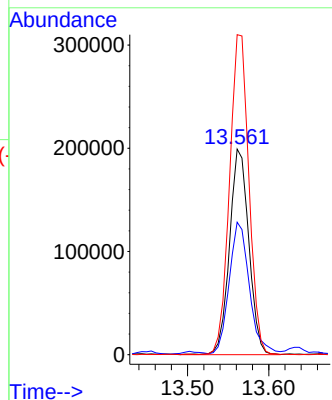
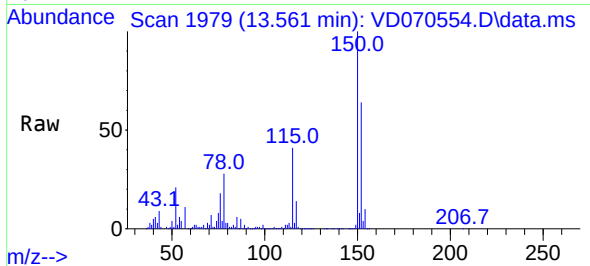




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

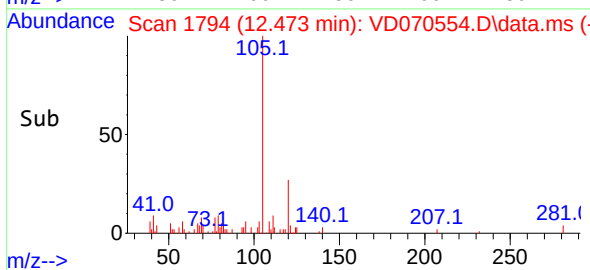
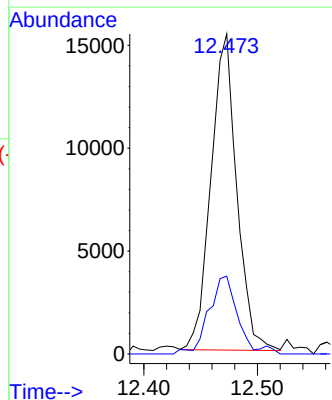
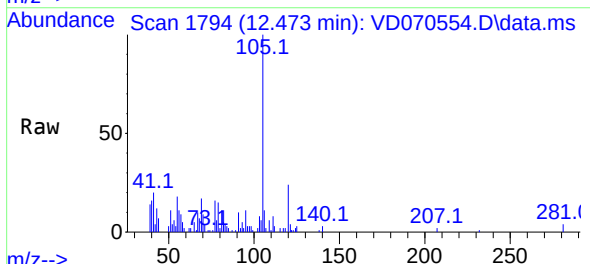
Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

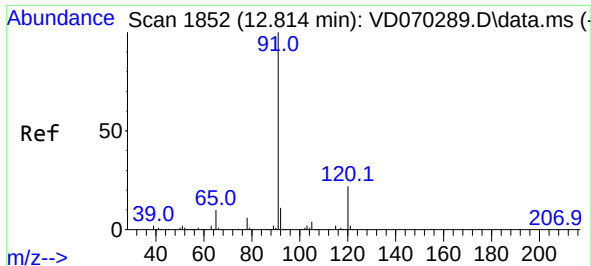
Tgt Ion:152 Resp: 328693
Ion Ratio Lower Upper
152 100
115 66.8 32.1 96.3
150 156.1 0.0 350.6



#73
Isopropylbenzene
Concen: 1.05 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

Tgt Ion:105 Resp: 24271
Ion Ratio Lower Upper
105 100
120 26.8 13.0 38.9

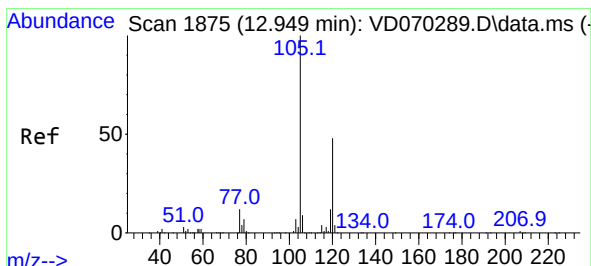
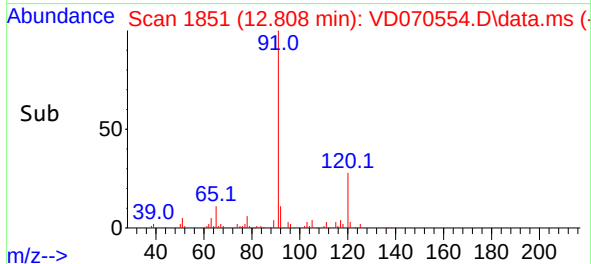
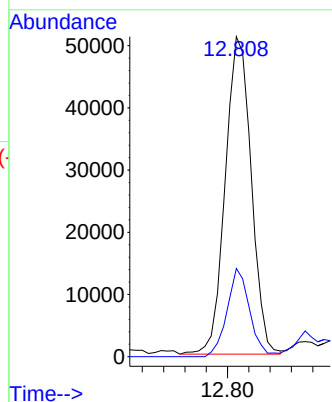
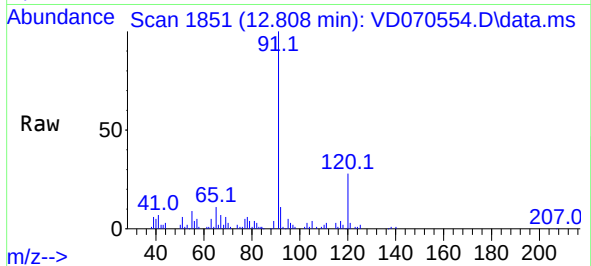




#78
n-propylbenzene
Concen: 2.88 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

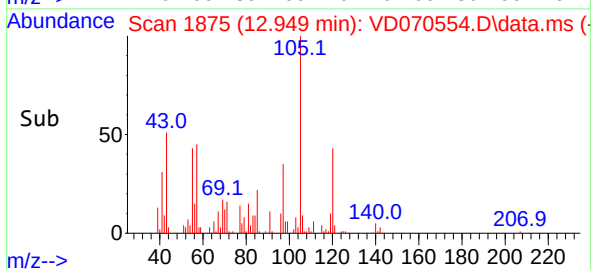
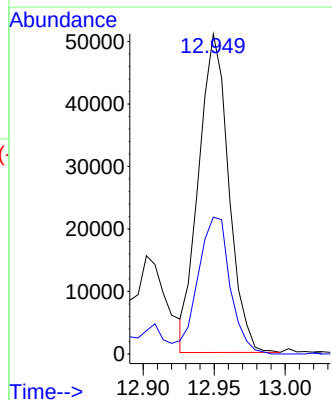
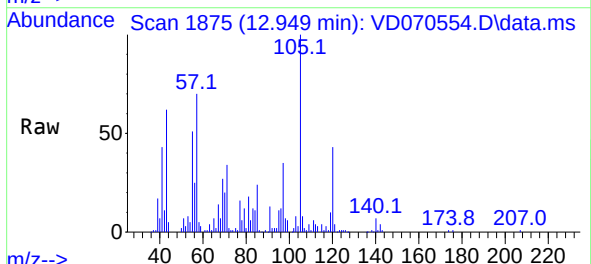
Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

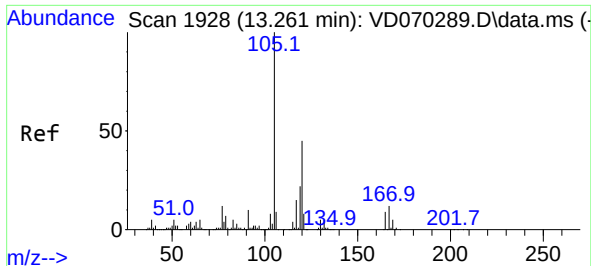
Tgt Ion: 91 Resp: 86258
Ion Ratio Lower Upper
91 100
120 24.4 11.0 33.0



#80
1,3,5-Trimethylbenzene
Concen: 3.76 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

Tgt Ion: 105 Resp: 74842
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.2

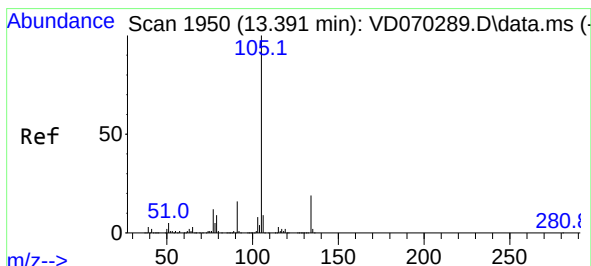
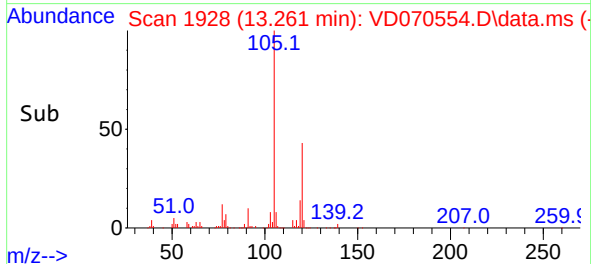
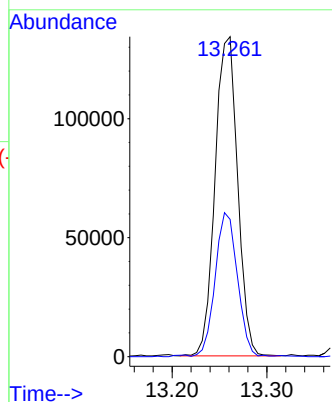
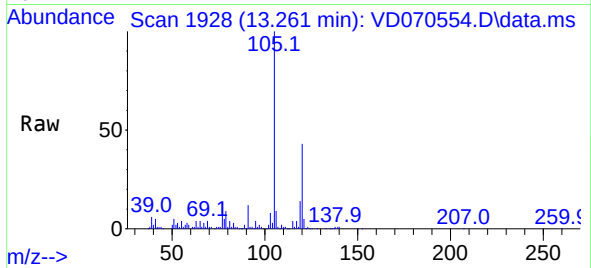




#84
1,2,4-Trimethylbenzene
Concen: 11.33 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

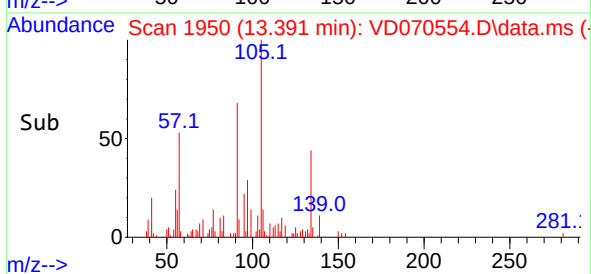
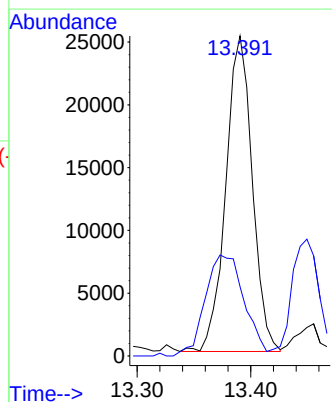
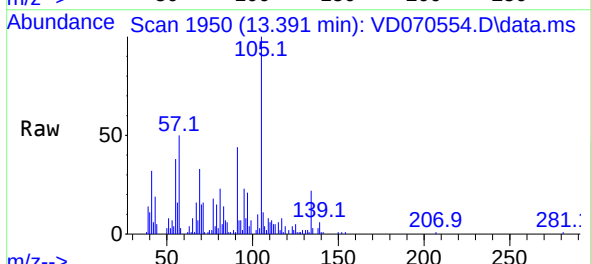
Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

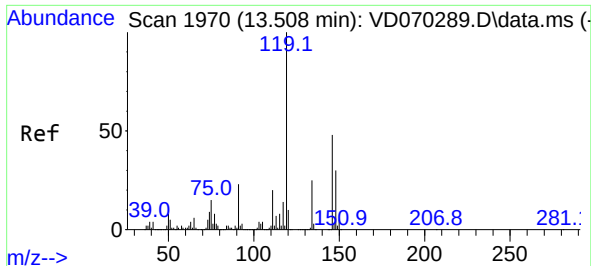
Tgt Ion:105 Resp: 221992
Ion Ratio Lower Upper
105 100
120 44.2 22.3 66.8



#85
sec-Butylbenzene
Concen: 1.60 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

Tgt Ion:105 Resp: 40696
Ion Ratio Lower Upper
105 100
134 46.9 9.8 29.3#



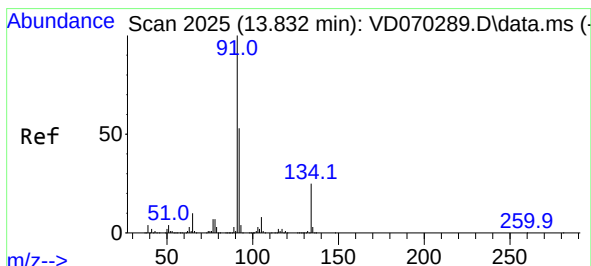
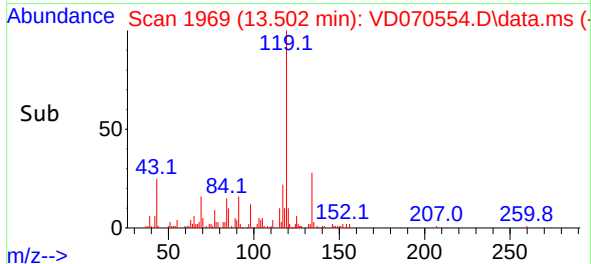
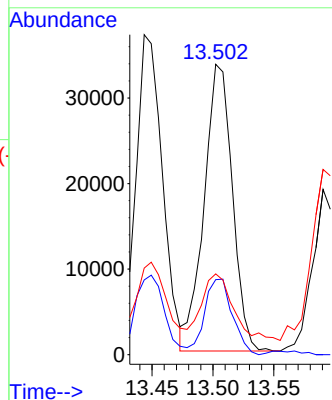
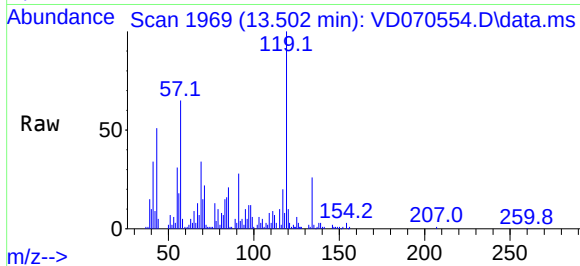


#86
p-Isopropyltoluene
Concen: 2.66 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

Tgt Ion:119 Resp: 54250

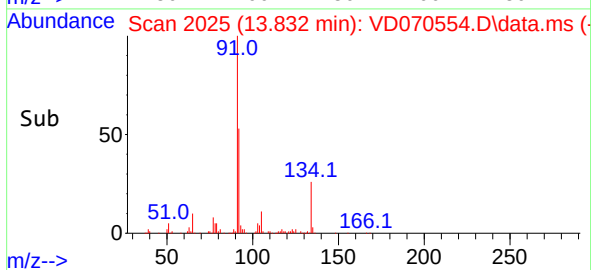
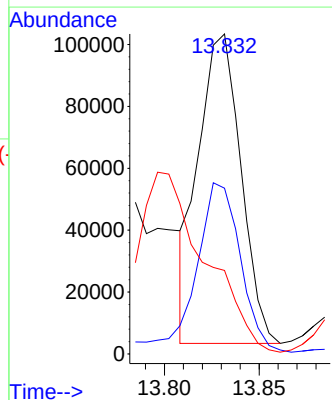
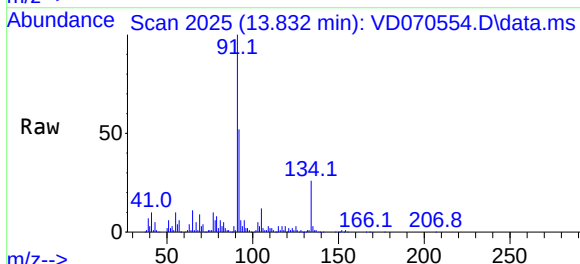
Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.7	38.0
91	25.4	11.8	35.3

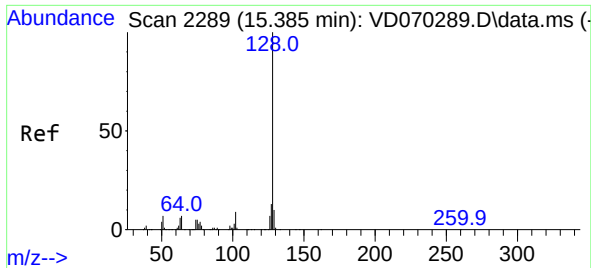


#89
n-Butylbenzene
Concen: 7.68 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

Tgt Ion: 91 Resp: 155993

Ion	Ratio	Lower	Upper
91	100		
92	56.3	26.8	80.4
134	0.0	12.1	36.3





#95
Naphthalene
Concen: 424.05 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070554.D
Acq: 04 Oct 2021 16:41

Instrument :
MSVOA_D
ClientSampleId :
NB-08-100121

Tgt Ion:128 Resp: 4065564

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.5	15.7
129	11.0	9.0	13.4

