

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062421\
 Data File : VN067483.D
 Acq On : 24 Jun 2021 15:18
 Operator : JC/MD
 Sample : M2802-01DL2 100X
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30759DL2

Quant Time: Jun 25 02:14:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 24 12:18:45 2021
 Response via : Initial Calibration

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

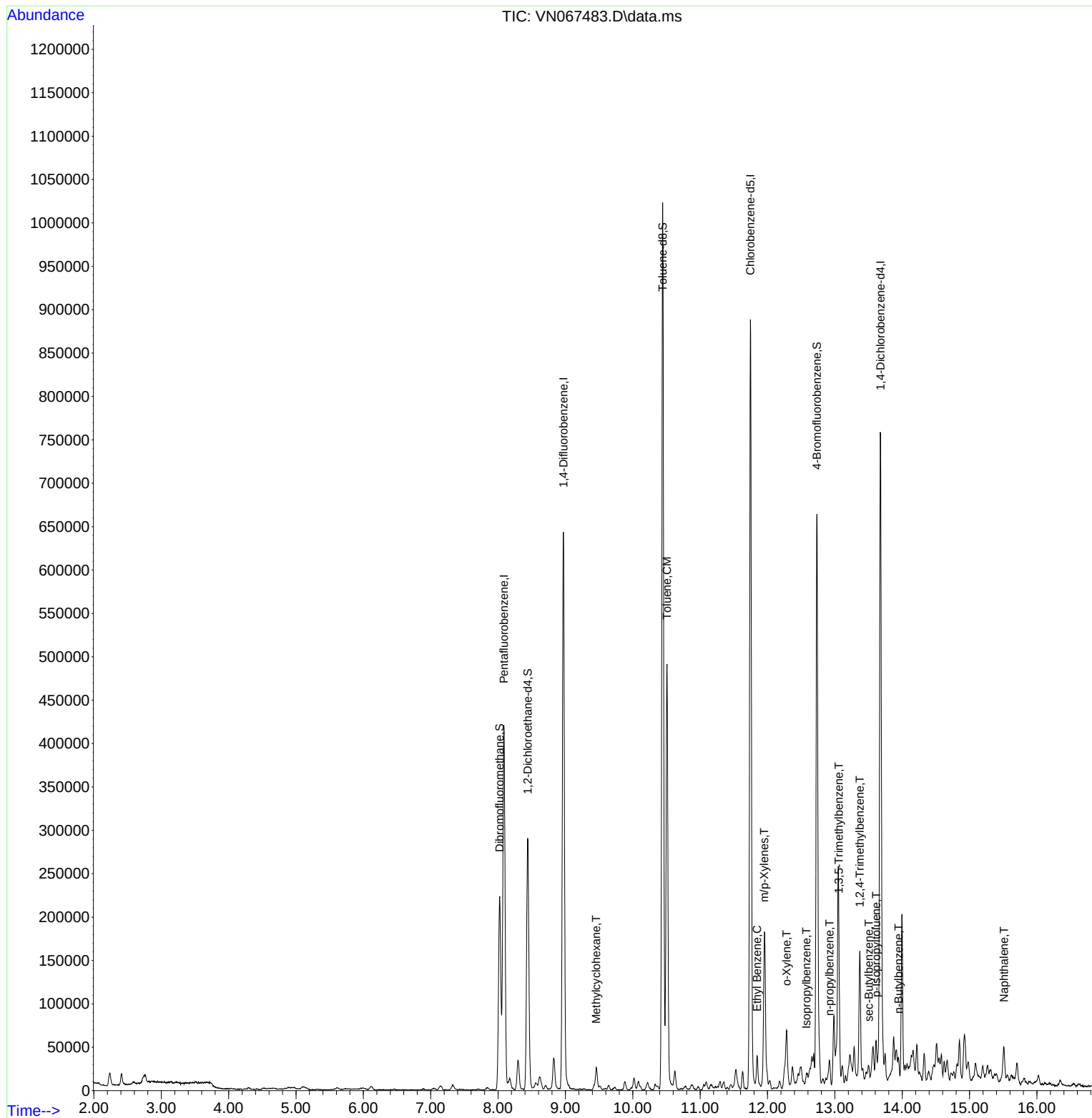
Internal Standards						
1) Pentafluorobenzene	8.088	168	250668	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	522087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	469784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	163246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	239845	46.752	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.500%
35) Dibromofluoromethane	8.024	113	156383	48.620	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.240%
50) Toluene-d8	10.443	98	689405	50.254	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.500%
62) 4-Bromofluorobenzene	12.733	95	239884	49.079	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.160%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.456	83	9422	1.390	ug/l #	79
52) Toluene	10.507	92	208250	20.639	ug/l	99
67) Ethyl Benzene	11.846	91	26355	1.325	ug/l	95
68) m/p-Xylenes	11.950	106	32859	4.881	ug/l	96
69) o-Xylene	12.283	106	14754	2.212	ug/l	97
73) Isopropylbenzene	12.578	105	6762	0.407	ug/l	93
78) n-propylbenzene	12.921	91	24021	1.172	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	28262	2.082	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	84878	6.375	ug/l	100
85) sec-Butylbenzene	13.503	105	9481	0.591	ug/l	98
86) p-Isopropyltoluene	13.613	119	6704	0.562	ug/l	97
89) n-Butylbenzene	13.946	91	14964	1.252	ug/l #	84
95) Naphthalene	15.509	128	33671	6.786	ug/l	99

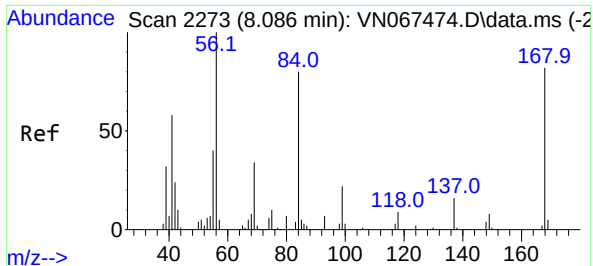
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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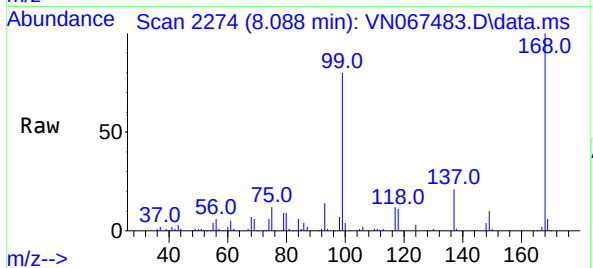
Quant Time: Jun 25 02:14:15 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062421W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 24 12:18:45 2021
Response via : Initial Calibration



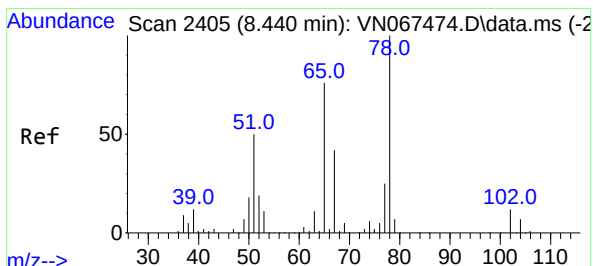
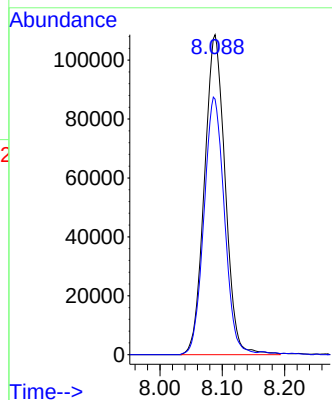
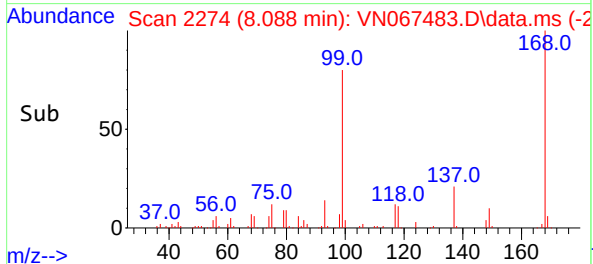


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

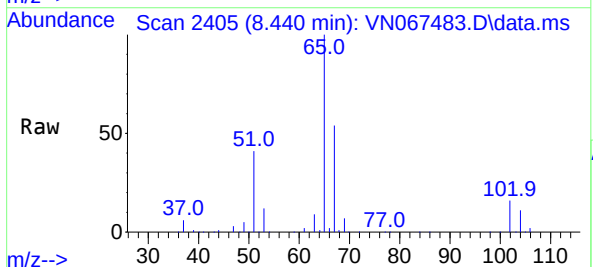
Instrument :
MSVOA_N
ClientSampleId :
30759DL2



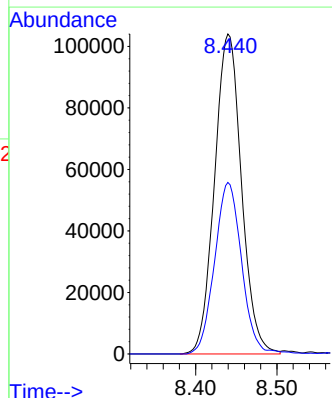
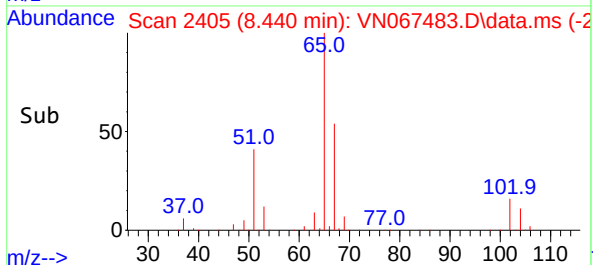
Tgt Ion:168 Resp: 250668
Ion Ratio Lower Upper
168 100
99 79.8 62.9 94.3

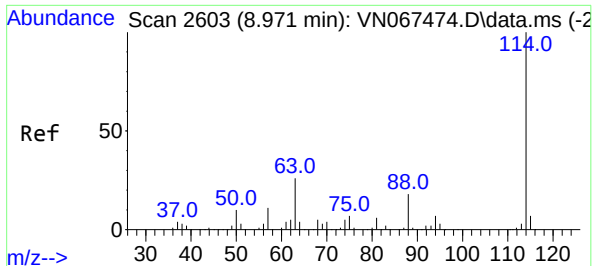


#33
1,2-Dichloroethane-d4
Concen: 46.752 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18



Tgt Ion: 65 Resp: 239845
Ion Ratio Lower Upper
65 100
67 53.8 0.0 98.6

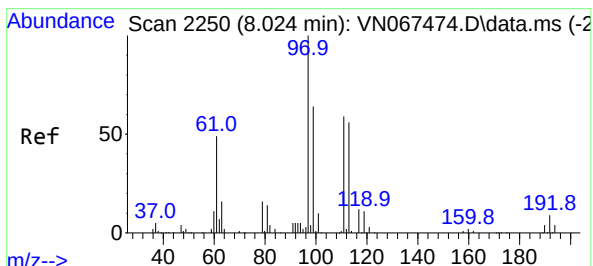
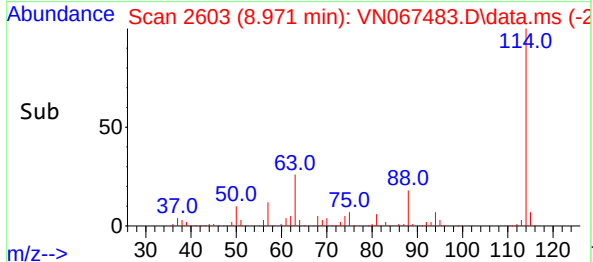
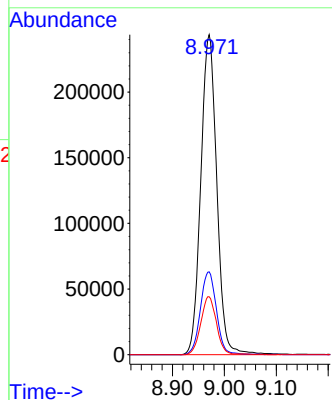
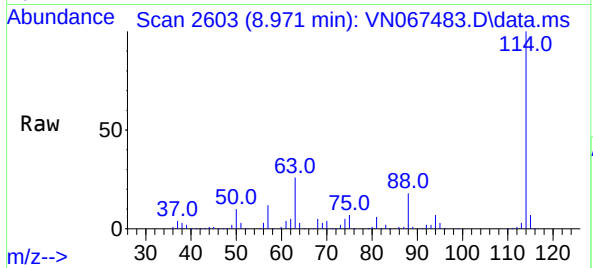




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. -0.000 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

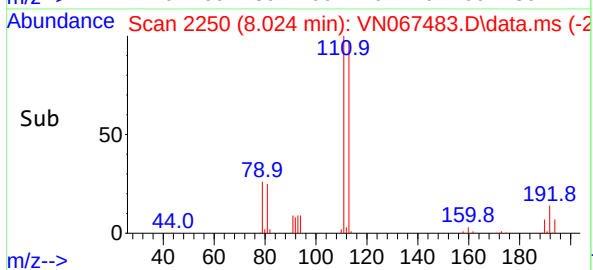
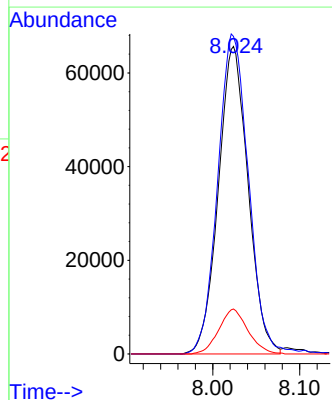
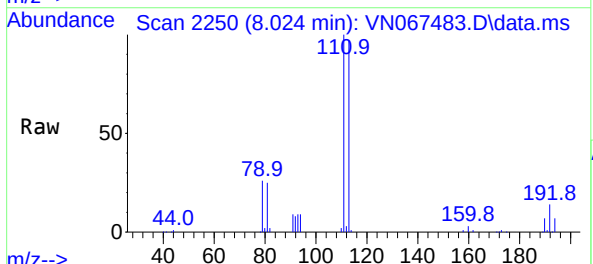
Instrument :
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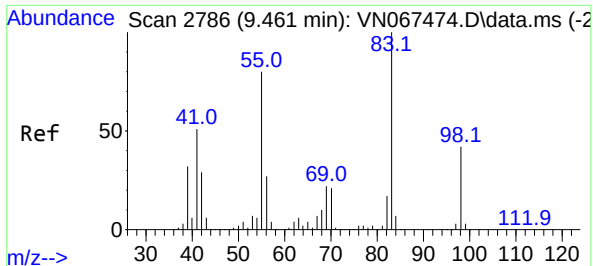
Tgt Ion:	114	Resp:	522087
Ion	Ratio	Lower	Upper
114	100		
63	25.9	0.0	49.0
88	18.1	0.0	36.6



#35
Dibromofluoromethane
Concen: 48.620 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

Tgt Ion:	113	Resp:	156383
Ion	Ratio	Lower	Upper
113	100		
111	107.1	83.8	125.8
192	14.3	13.4	20.0





#39

Methylcyclohexane

Concen: 1.390 ug/l

RT: 9.456 min Scan# 2784

Delta R.T. -0.005 min

Lab File: VN067483.D

Acq: 24 Jun 2021 15:18

Tgt Ion: 83 Resp: 9422

Ion Ratio Lower Upper

83 100

55 64.5 66.6 99.8#

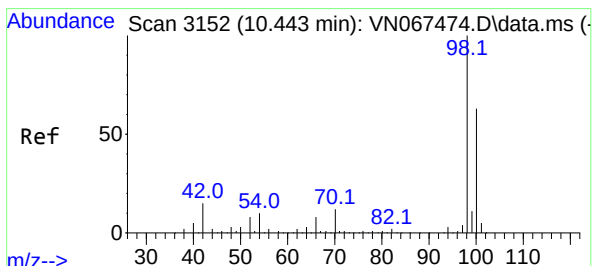
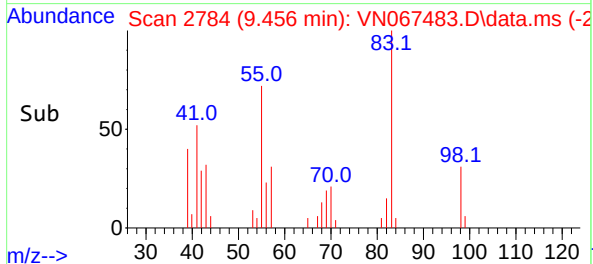
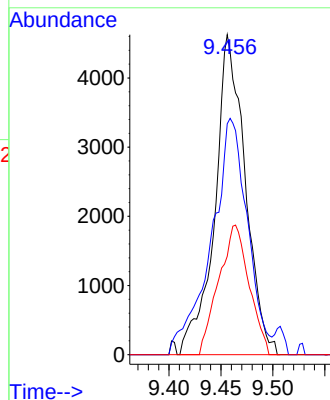
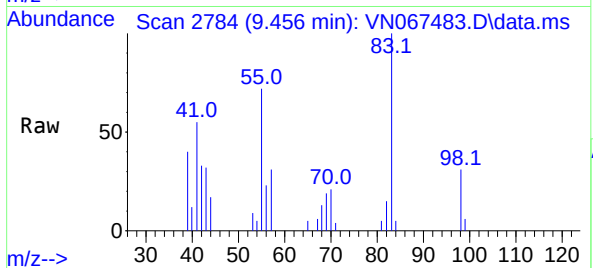
98 30.7 35.3 52.9#

Instrument :

MSVOA_N

ClientSampleId :

30759DL2



#50

Toluene-d8

Concen: 50.254 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN067483.D

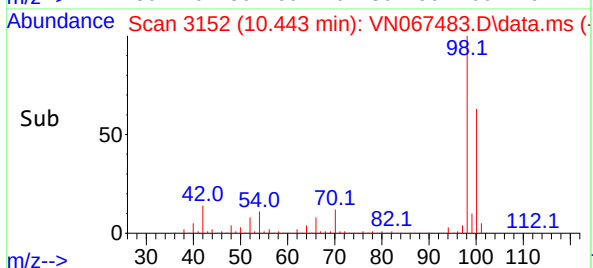
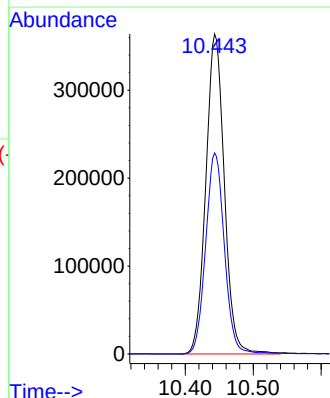
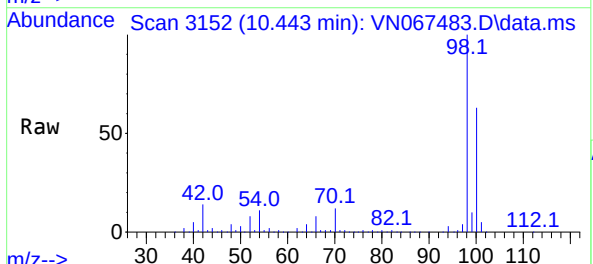
Acq: 24 Jun 2021 15:18

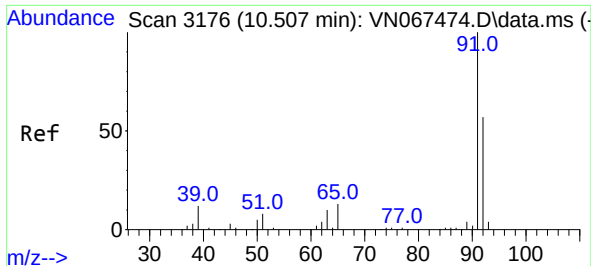
Tgt Ion: 98 Resp: 689405

Ion Ratio Lower Upper

98 100

100 63.2 51.7 77.5

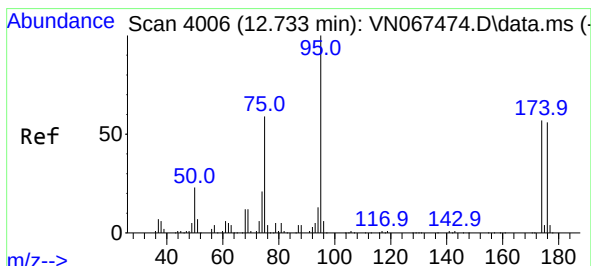
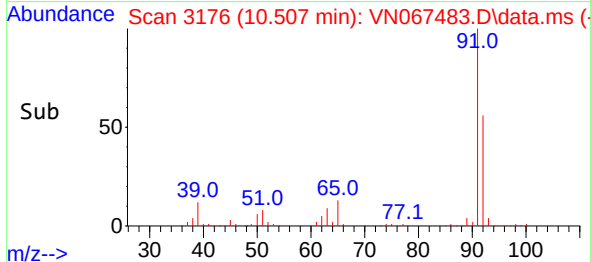
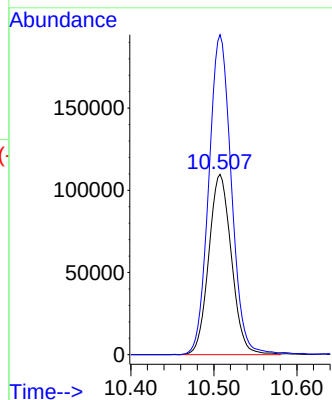
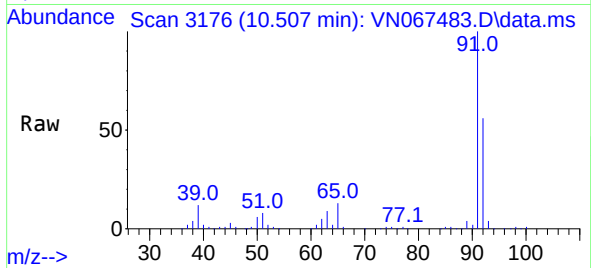




#52
Toluene
Concen: 20.639 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

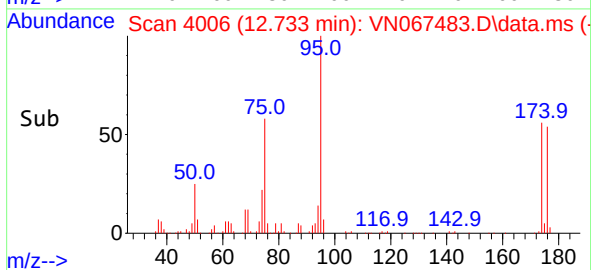
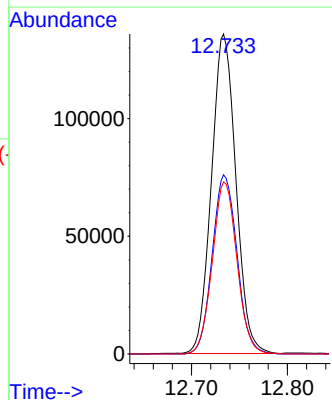
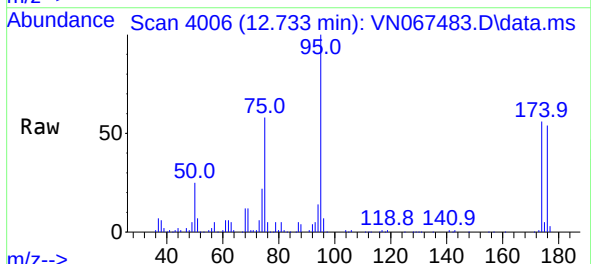
Instrument :
MSVOA_N
ClientSampled :
30759DL2

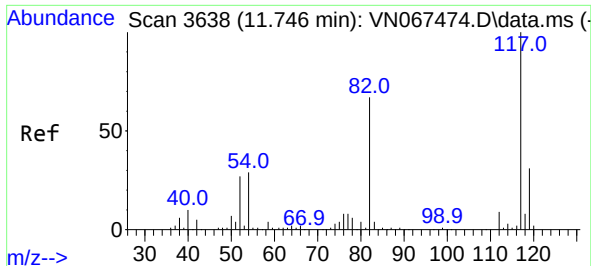
Tgt Ion: 92 Resp: 208250
Ion Ratio Lower Upper
92 100
91 176.5 139.6 209.4



#62
4-Bromofluorobenzene
Concen: 49.079 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

Tgt Ion: 95 Resp: 239884
Ion Ratio Lower Upper
95 100
174 57.0 0.0 122.0
176 54.2 0.0 117.6

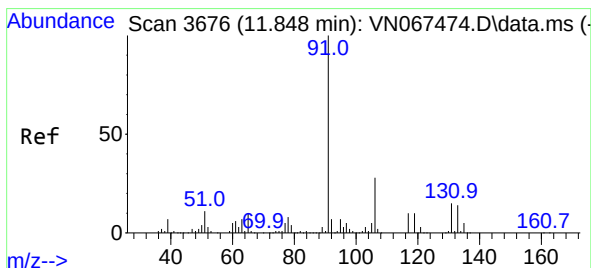
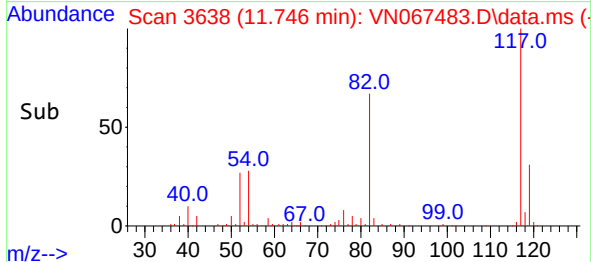
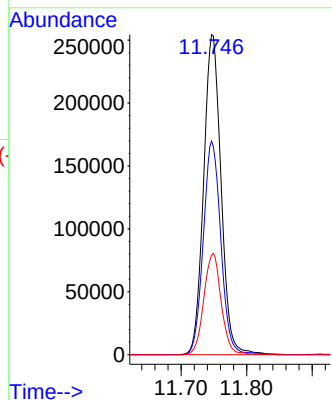
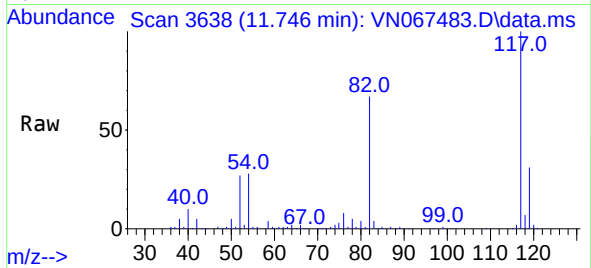




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

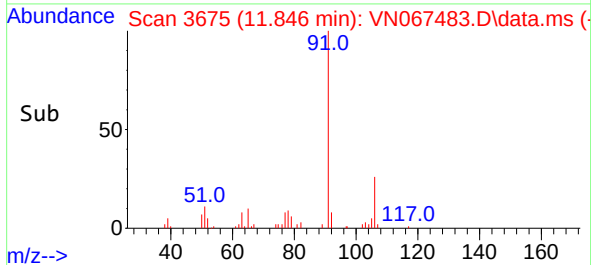
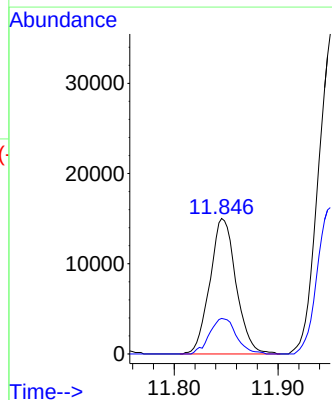
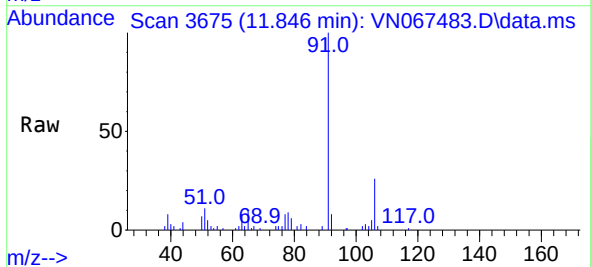
Instrument :
MSVOA_N
ClientSampleId :
30759DL2

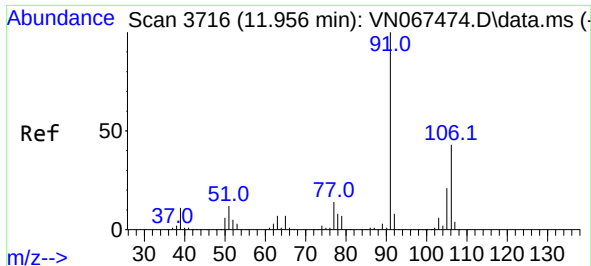
Tgt Ion:117 Resp: 469784
Ion Ratio Lower Upper
117 100
82 66.7 53.1 79.7
119 31.1 25.5 38.3



#67
Ethyl Benzene
Concen: 1.325 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.002 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

Tgt Ion: 91 Resp: 26355
Ion Ratio Lower Upper
91 100
106 26.3 23.4 35.0

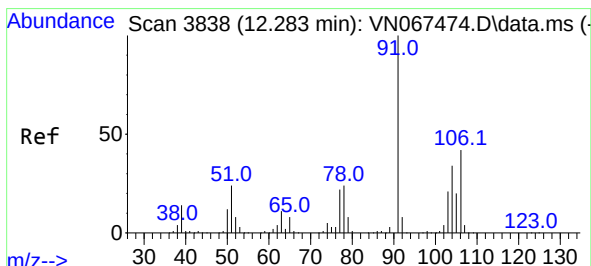
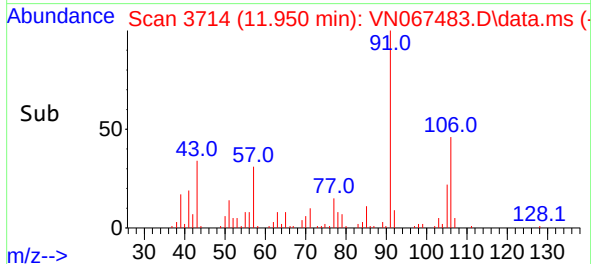
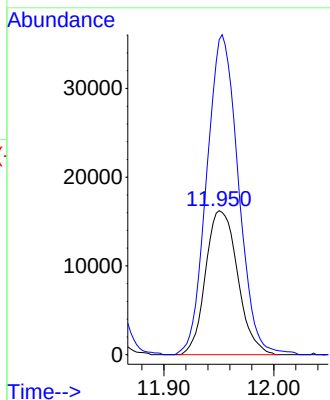
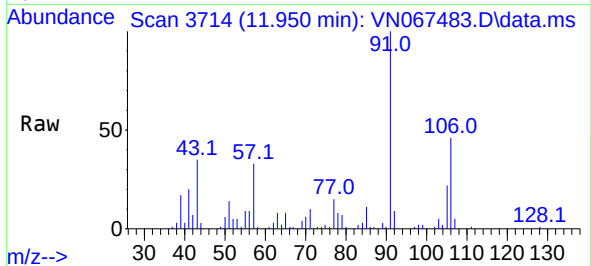




#68
m/p-Xylenes
Concen: 4.881 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

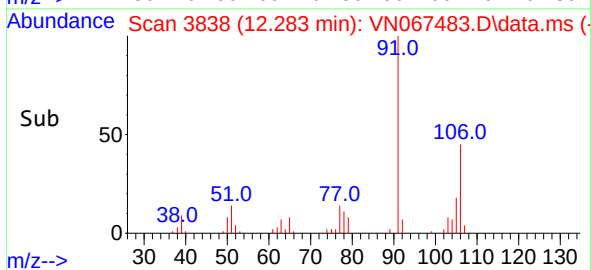
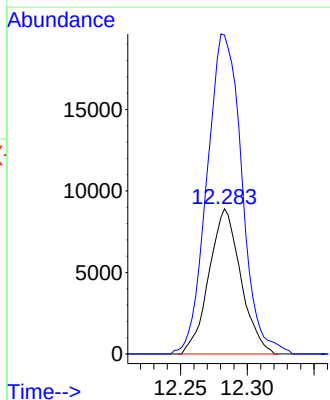
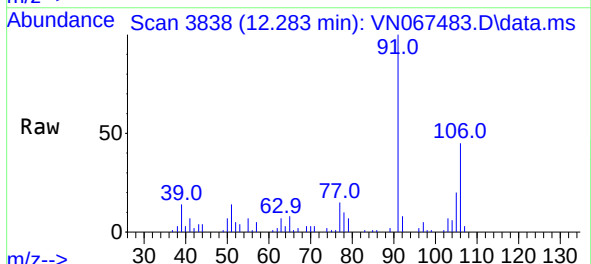
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MSVOA_N
ClientSampled :
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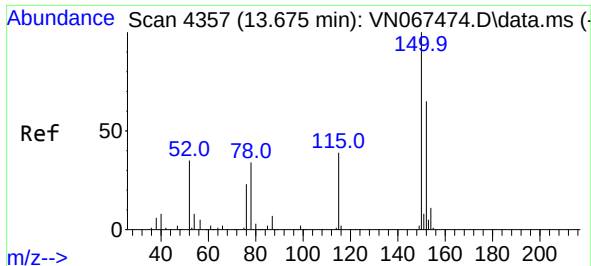
Tgt Ion:106 Resp: 32859
Ion Ratio Lower Upper
106 100
91 219.5 180.6 270.8



#69
o-Xylene
Concen: 2.212 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

Tgt Ion:106 Resp: 14754
Ion Ratio Lower Upper
106 100
91 241.0 118.3 354.9

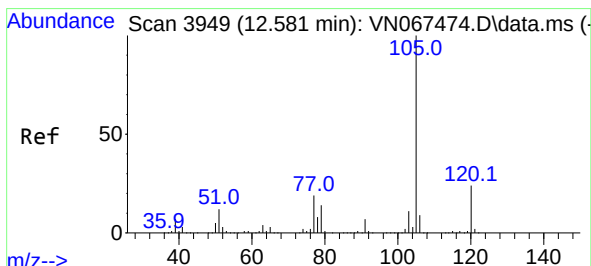
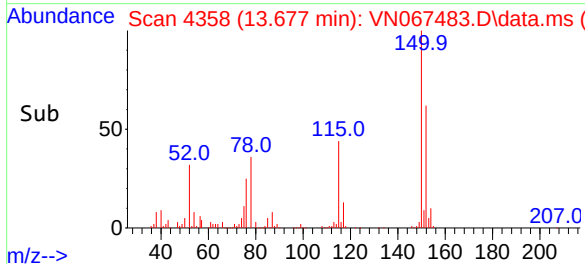
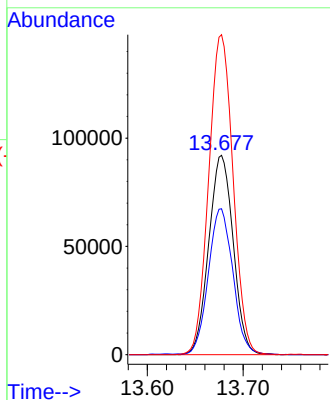
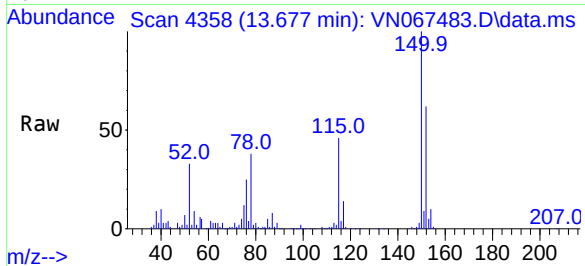




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

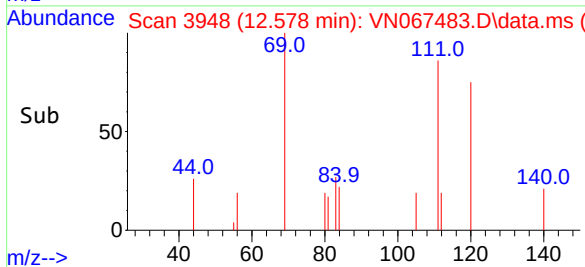
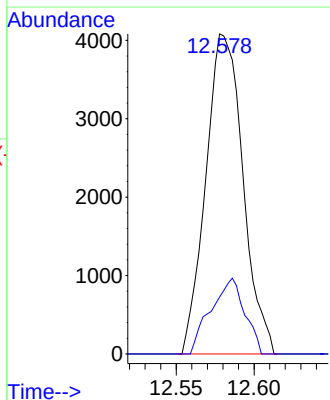
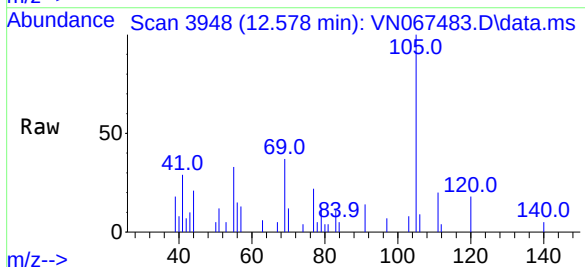
Instrument :
MSVOA_N
ClientSampled :
30759DL2

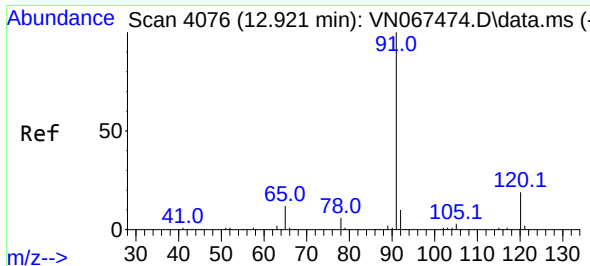
Tgt Ion:152 Resp: 163246
Ion Ratio Lower Upper
152 100
115 73.7 36.1 108.5
150 159.9 0.0 351.8



#73
Isopropylbenzene
Concen: 0.407 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

Tgt Ion:105 Resp: 6762
Ion Ratio Lower Upper
105 100
120 21.5 12.5 37.5

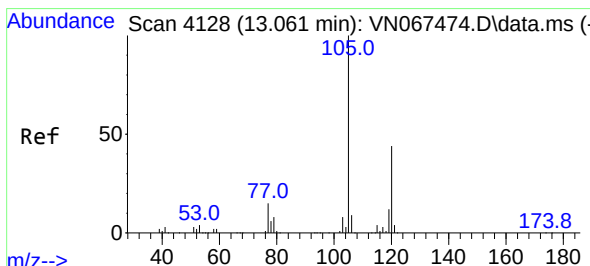
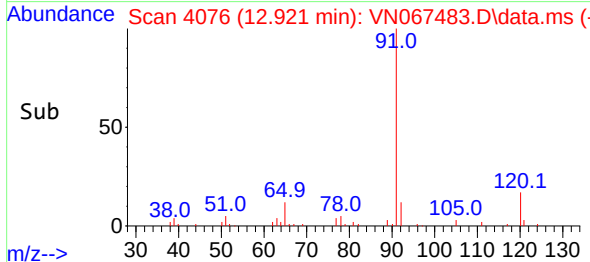
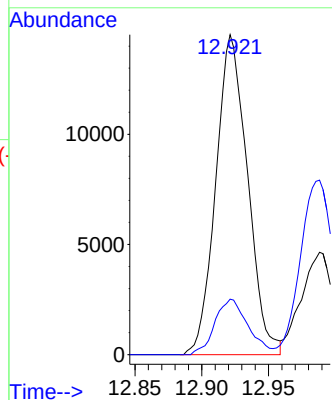
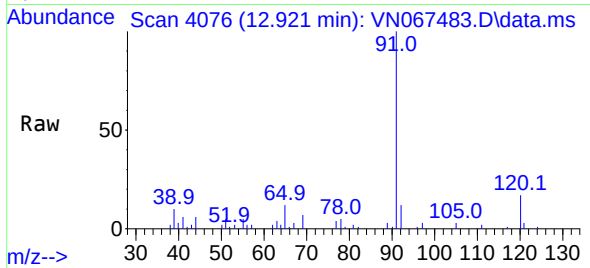




#78
n-propylbenzene
Concen: 1.172 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

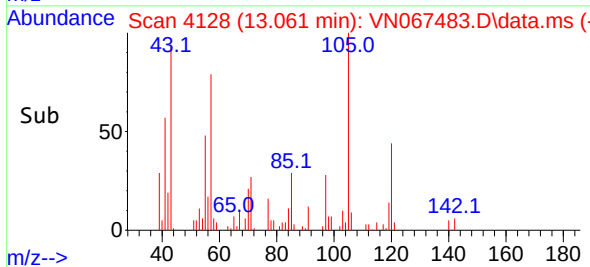
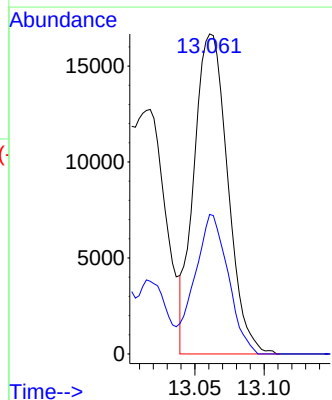
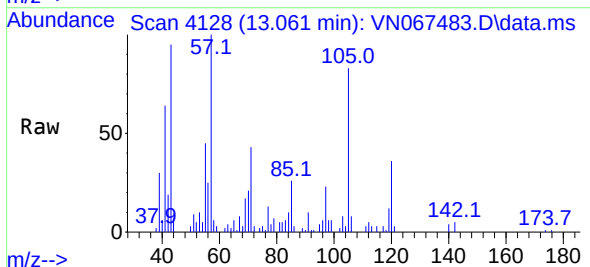
Instrument :
MSVOA_N
ClientSampled :
30759DL2

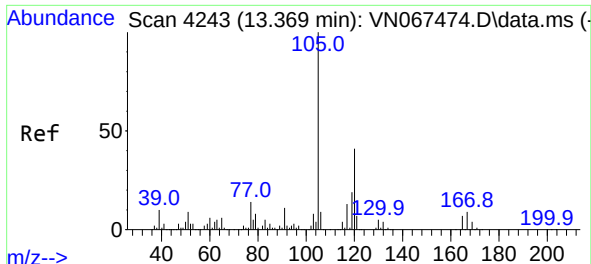
Tgt Ion: 91 Resp: 24021
Ion Ratio Lower Upper
91 100
120 18.1 10.4 31.4



#80
1,3,5-Trimethylbenzene
Concen: 2.082 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

Tgt Ion: 105 Resp: 28262
Ion Ratio Lower Upper
105 100
120 43.3 22.2 66.6

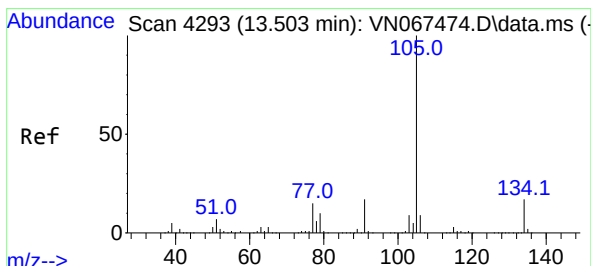
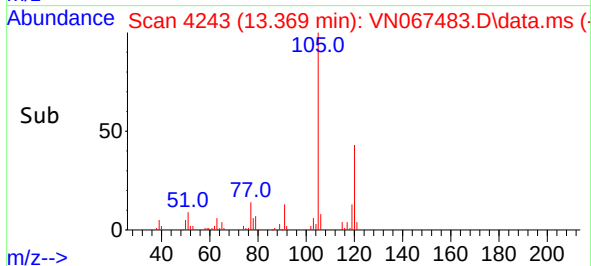
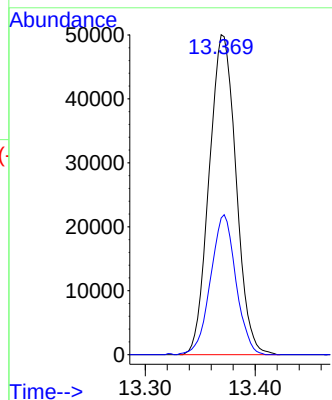
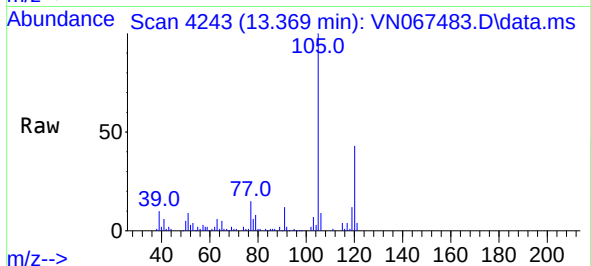




#84
1,2,4-Trimethylbenzene
Concen: 6.375 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

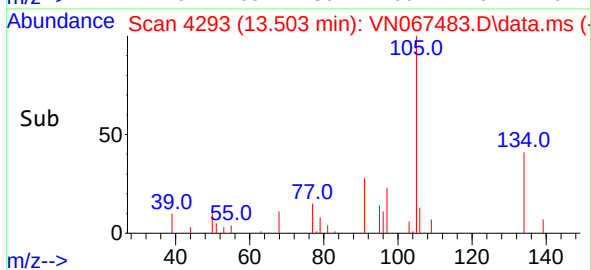
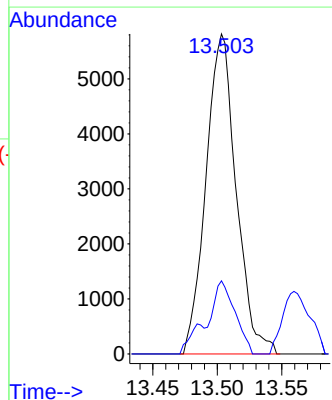
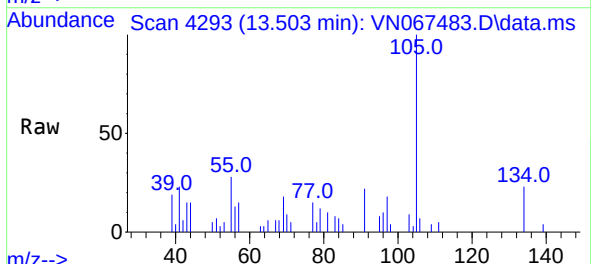
Instrument :
MSVOA_N
ClientSampled :
30759DL2

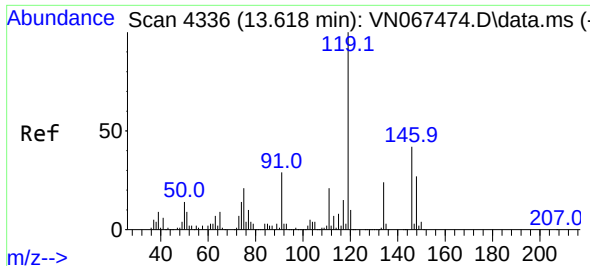
Tgt Ion:105 Resp: 84878
Ion Ratio Lower Upper
105 100
120 41.3 20.6 61.8



#85
sec-Butylbenzene
Concen: 0.591 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.000 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

Tgt Ion:105 Resp: 9481
Ion Ratio Lower Upper
105 100
134 17.1 9.0 27.1

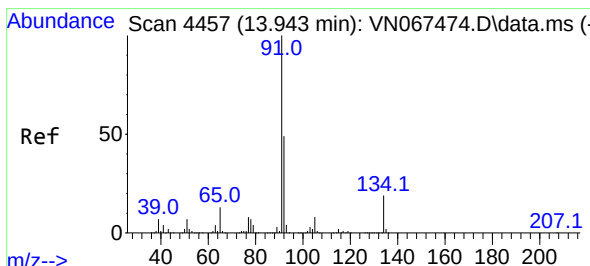
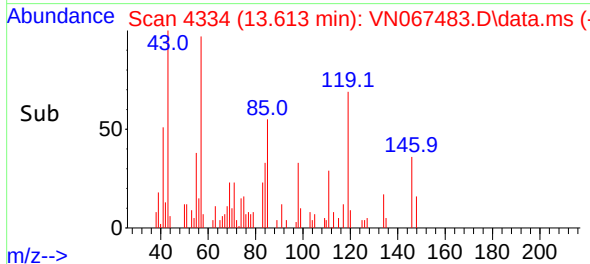
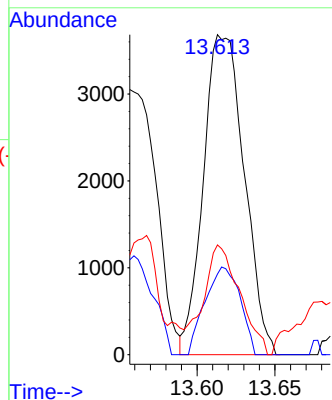
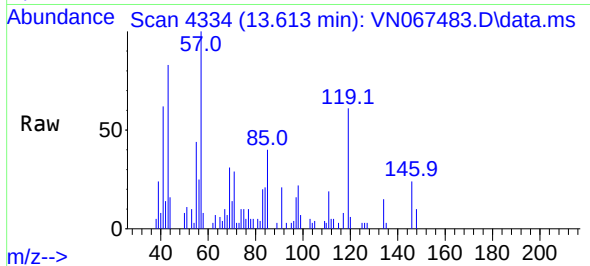




#86
p-Isopropyltoluene
Concen: 0.562 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.005 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

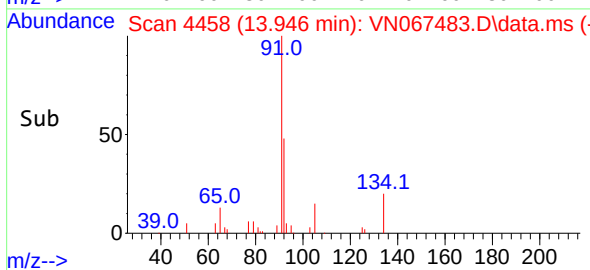
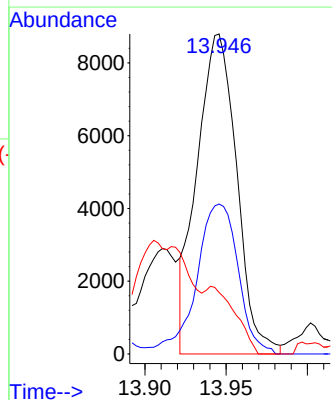
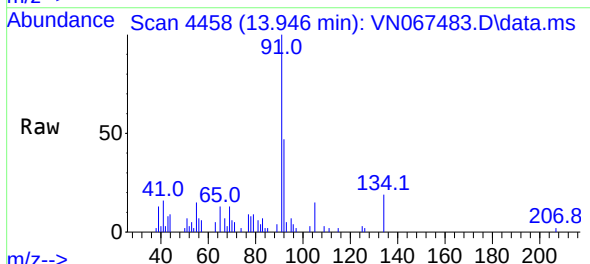
Instrument :
MSVOA_N
ClientSampleId :
30759DL2

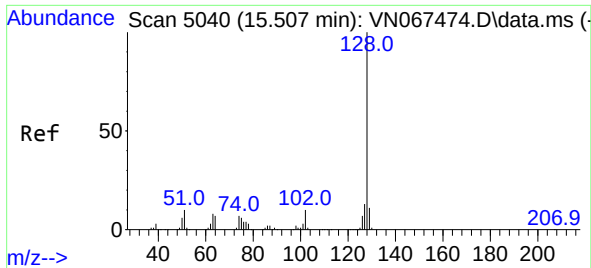
Tgt Ion:	119	Resp:	6704
Ion	Ratio	Lower	Upper
119	100		
134	23.5	12.4	37.4
91	30.8	14.8	44.3



#89
n-Butylbenzene
Concen: 1.252 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

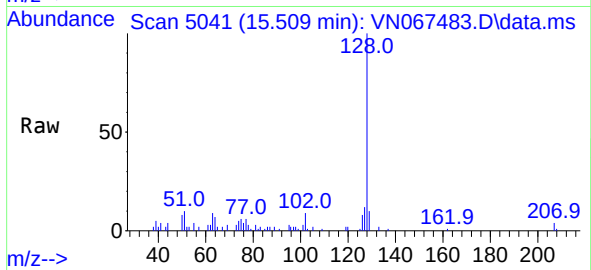
Tgt Ion:	91	Resp:	14964
Ion	Ratio	Lower	Upper
91	100		
92	49.2	25.7	77.1
134	0.0	11.2	33.6#





#95
Naphthalene
Concen: 6.786 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067483.D
Acq: 24 Jun 2021 15:18

Instrument :
MSVOA_N
ClientSampleId :
30759DL2



Tgt Ion:128 Resp: 33671
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 11.1 8.6 12.8

