

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062321\
 Data File : VN067468.D
 Acq On : 23 Jun 2021 19:42
 Operator : JC/MD
 Sample : M2802-01DL 10X
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 30759DL

Quant Time: Jun 29 14:58:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	267350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	564225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	520302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	192018	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	254875	48.326	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.660%
35) Dibromofluoromethane	8.024	113	168097	44.796	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	89.600%
50) Toluene-d8	10.443	98	766889	53.320	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.640%
62) 4-Bromofluorobenzene	12.734	95	276813	46.636	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.280%

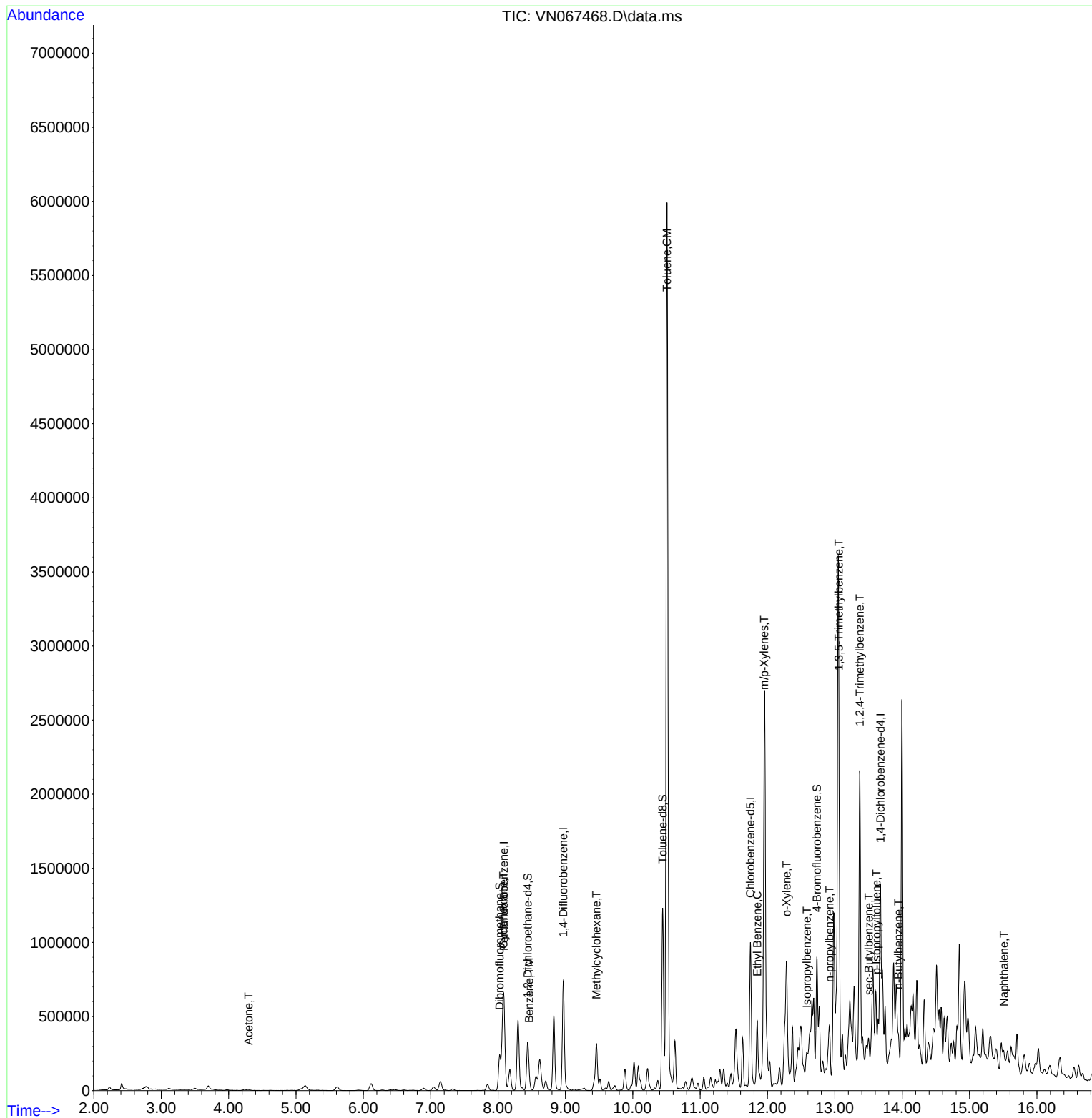
Target Compounds						Qvalue
16) Acetone	4.296	43	11202	5.535	ug/l #	84
31) Cyclohexane	8.078	56	105897	14.770	ug/l #	73
39) Methylcyclohexane	9.462	83	113969	17.024	ug/l	97
40) Benzene	8.461	78	41250	2.336	ug/l	99
52) Toluene	10.508	92	2585893	232.924	ug/l	98
67) Ethyl Benzene	11.849	91	313417	13.998	ug/l	98
68) m/p-Xylenes	11.950	106	398264	50.039	ug/l	100
69) o-Xylene	12.283	106	182205	23.405	ug/l	99
73) Isopropylbenzene	12.583	105	63802	3.463	ug/l	99
78) n-propylbenzene	12.921	91	262214	11.965	ug/l	96
80) 1,3,5-Trimethylbenzene	13.061	105	327341	21.090	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	1097885	71.597	ug/l	100
85) sec-Butylbenzene	13.503	105	71693	4.097	ug/l	82
86) p-Isopropyltoluene	13.619	119	45455	3.219	ug/l	99
89) n-Butylbenzene	13.943	91	94360	7.111	ug/l #	79
95) Naphthalene	15.509	128	88751	9.820	ug/l	95

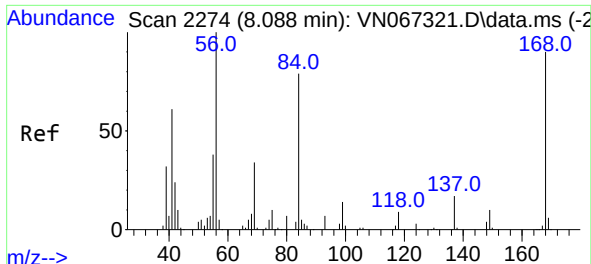
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

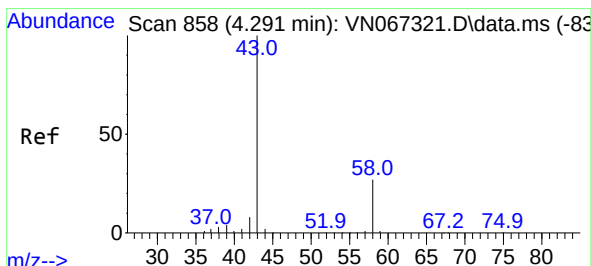
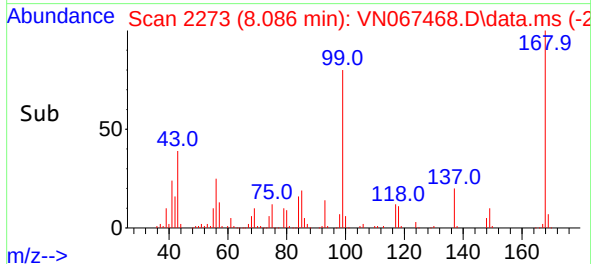
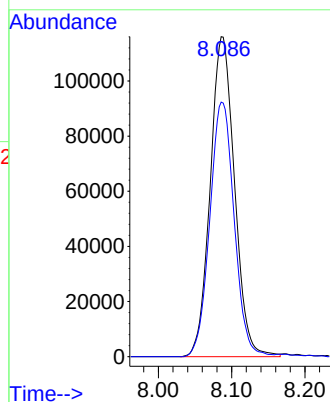
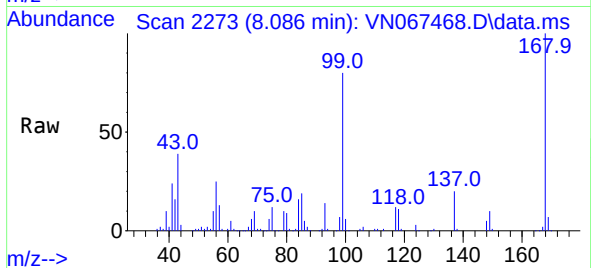




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

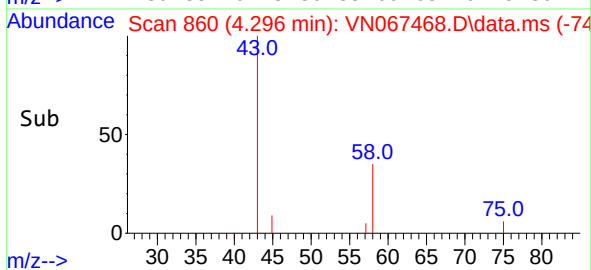
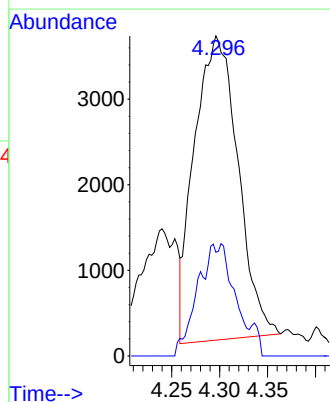
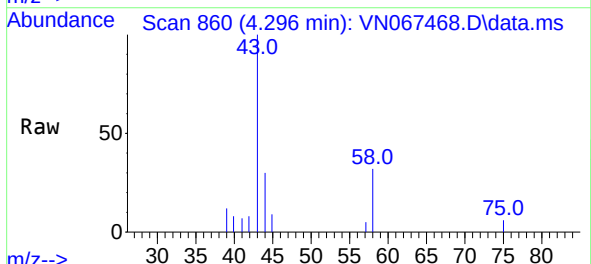
Instrument :
MSVOA_N
ClientSampleId :
30759DL

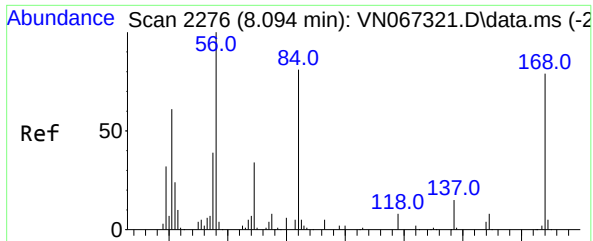
Tgt Ion:168 Resp: 267350
Ion Ratio Lower Upper
168 100
99 79.5 62.9 94.3



#16
Acetone
Concen: 5.535 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.005 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Tgt Ion: 43 Resp: 11202
Ion Ratio Lower Upper
43 100
58 34.8 21.2 31.8#

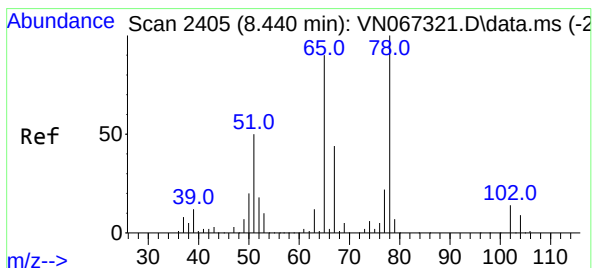
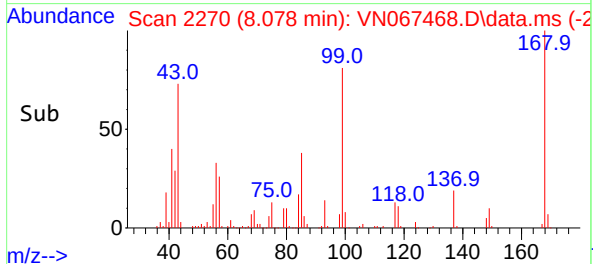
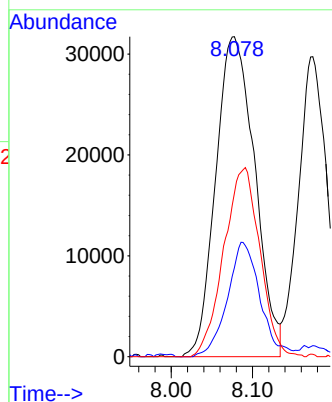
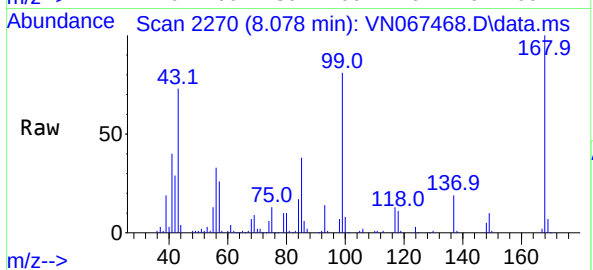




#31
Cyclohexane
Concen: 14.770 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.016 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

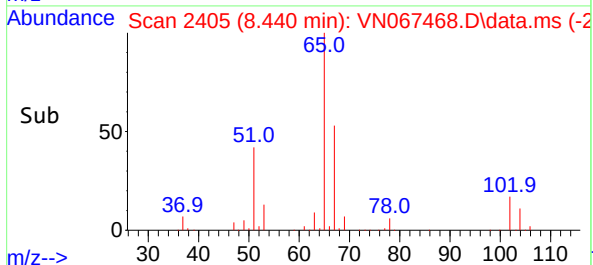
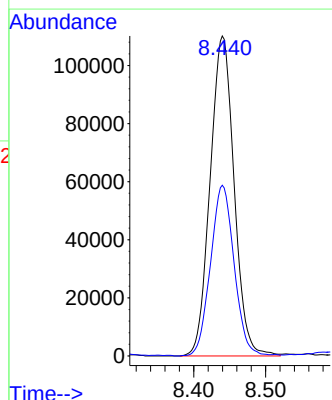
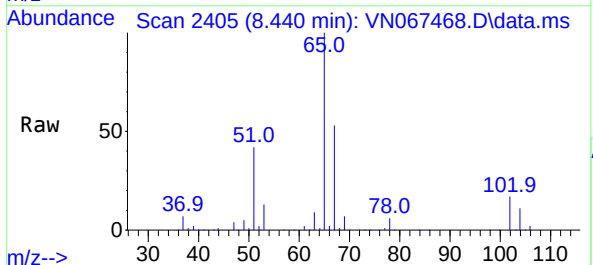
Instrument :
MSVOA_N
ClientSampleId :
30759DL

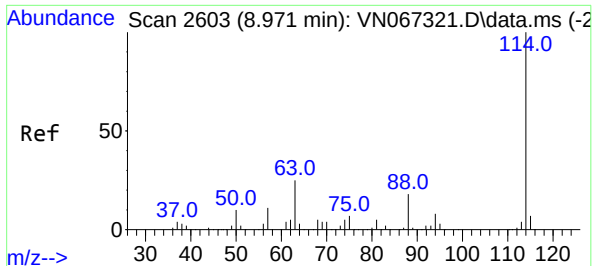
Tgt Ion: 56 Resp: 105897
Ion Ratio Lower Upper
56 100
69 27.9 27.3 40.9
84 51.1 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 48.326 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Tgt Ion: 65 Resp: 254875
Ion Ratio Lower Upper
65 100
67 52.6 0.0 98.6



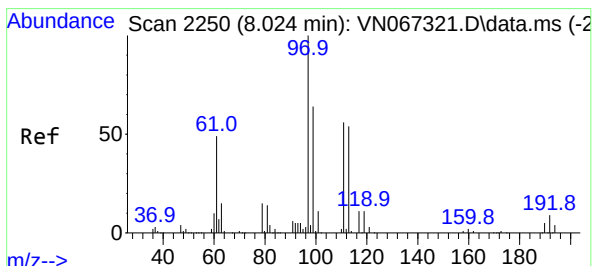
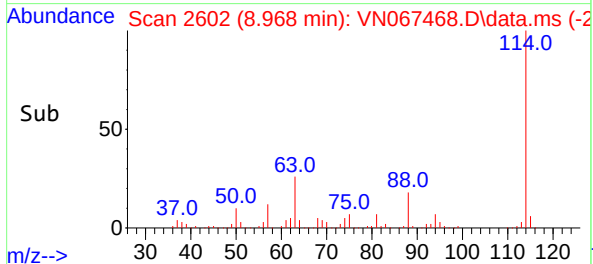
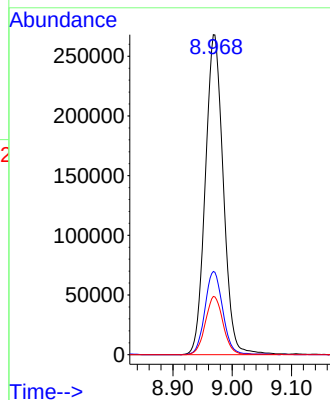
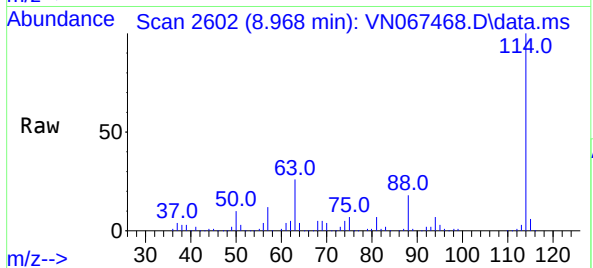


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.002 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Instrument :
MSVOA_N
ClientSampleId :
30759DL

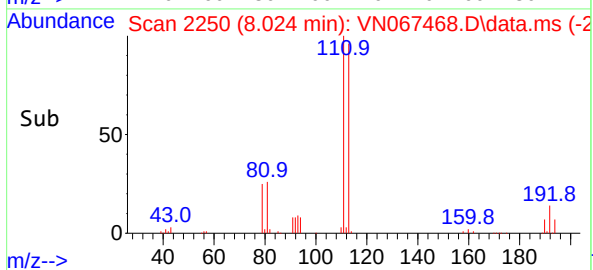
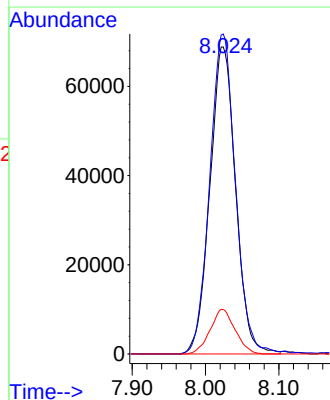
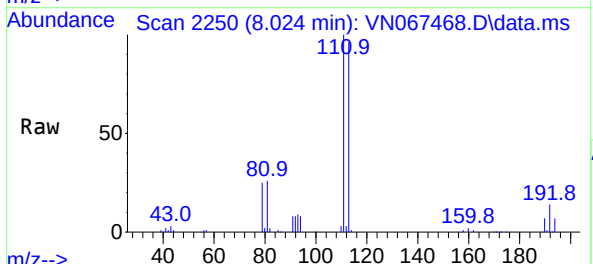
Tgt Ion:114 Resp: 564225
Ion Ratio Lower Upper
114 100
63 26.0 0.0 49.0
88 18.2 0.0 36.6

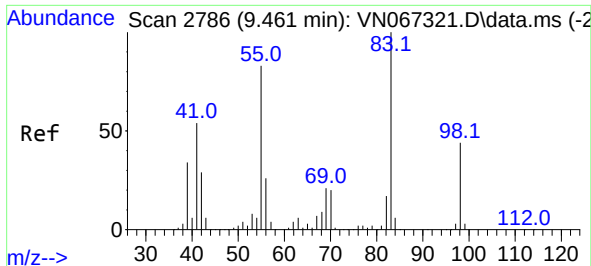


#35

Dibromofluoromethane
Concen: 44.796 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Tgt Ion:113 Resp: 168097
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.8
192 14.1 13.4 20.0





#39

Methylcyclohexane

Concen: 17.024 ug/l

RT: 9.462 min Scan# 2786

Delta R.T. 0.001 min

Lab File: VN067468.D

Acq: 23 Jun 2021 19:42

Tgt Ion: 83 Resp: 113969

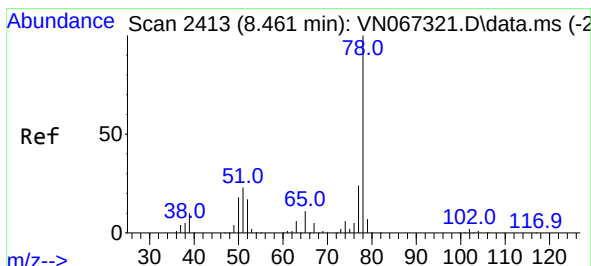
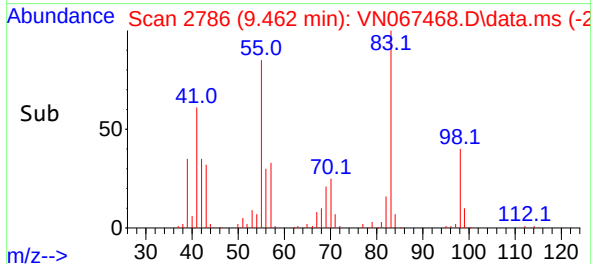
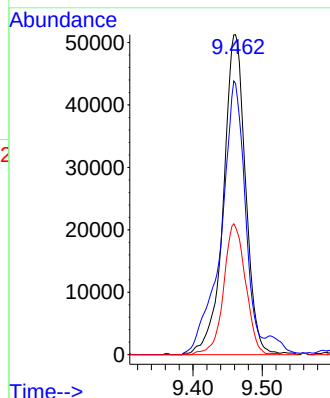
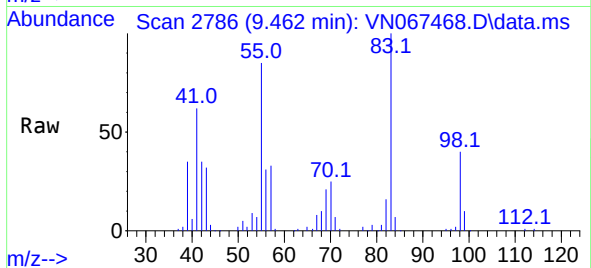
Ion	Ratio	Lower	Upper
83	100		
55	84.8	66.6	99.8
98	39.9	35.3	52.9

Instrument :

MSVOA_N

ClientSampleId :

30759DL



#40

Benzene

Concen: 2.336 ug/l

RT: 8.461 min Scan# 2413

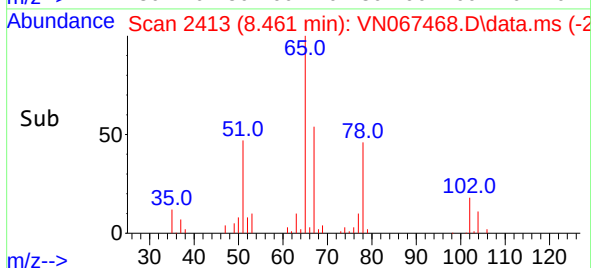
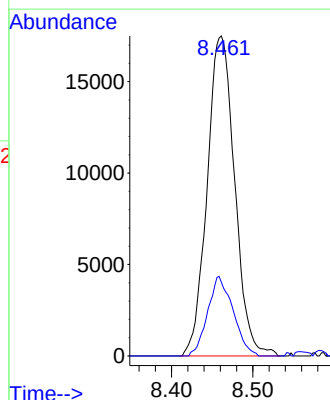
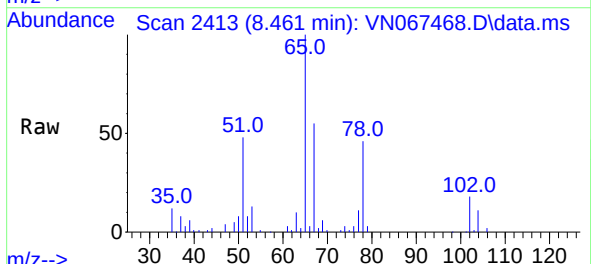
Delta R.T. 0.000 min

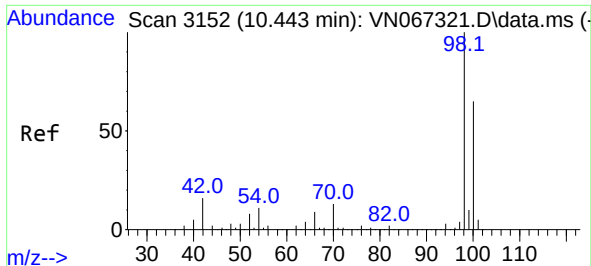
Lab File: VN067468.D

Acq: 23 Jun 2021 19:42

Tgt Ion: 78 Resp: 41250

Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.9	28.3

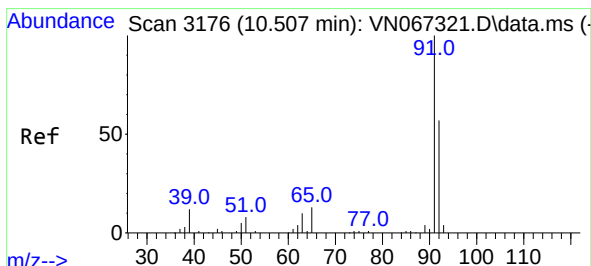
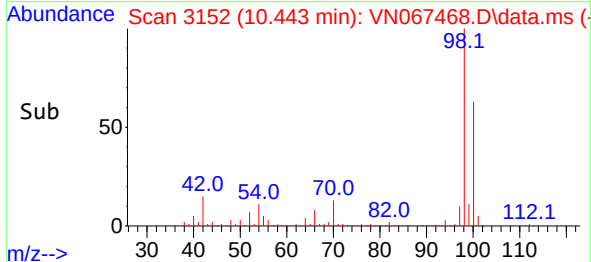
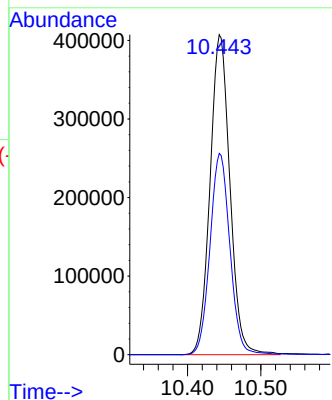
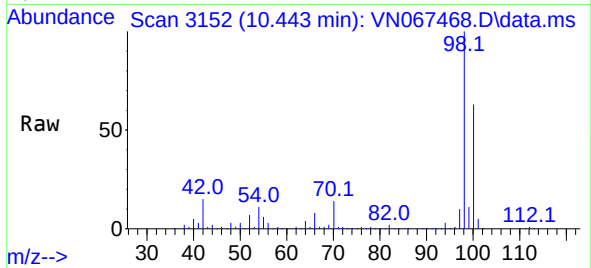




#50
Toluene-d8
Concen: 53.320 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

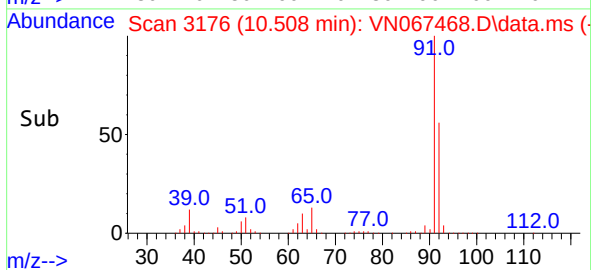
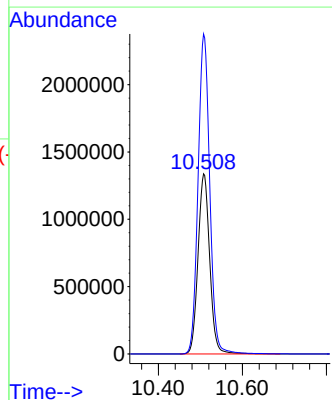
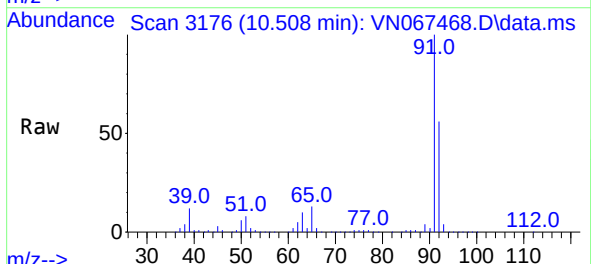
Instrument :
MSVOA_N
ClientSampleId :
30759DL

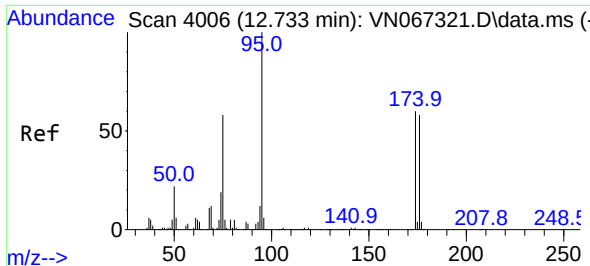
Tgt Ion: 98 Resp: 766889
Ion Ratio Lower Upper
98 100
100 62.9 51.7 77.5



#52
Toluene
Concen: 232.924 ug/l
RT: 10.508 min Scan# 3176
Delta R.T. 0.001 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Tgt Ion: 92 Resp: 2585893
Ion Ratio Lower Upper
92 100
91 177.7 139.6 209.4

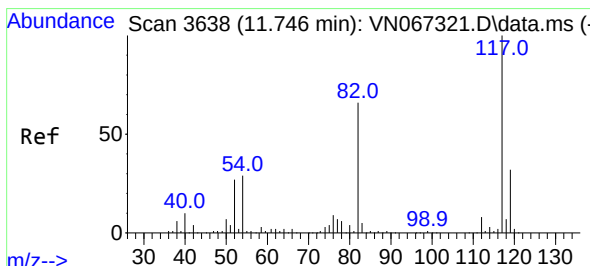
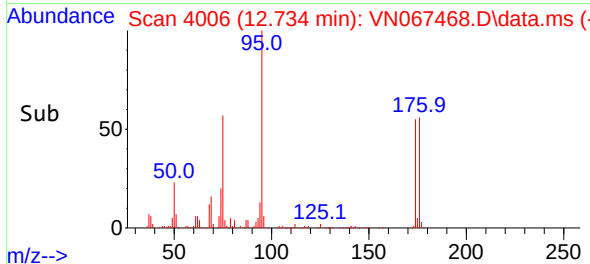
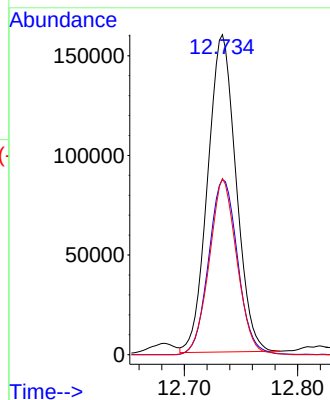
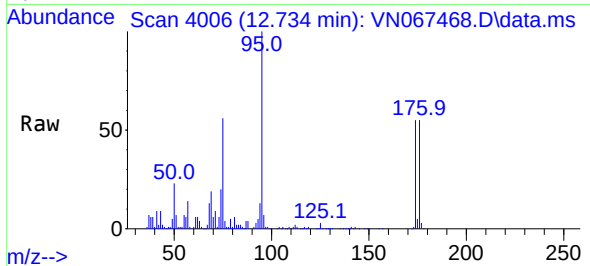




#62
4-Bromofluorobenzene
Concen: 46.636 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

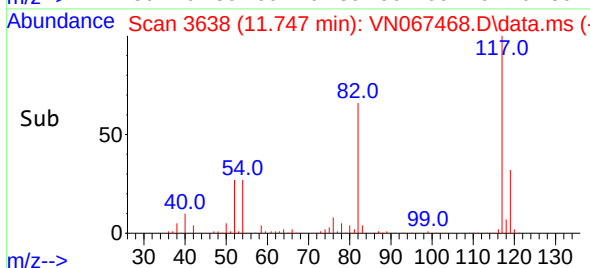
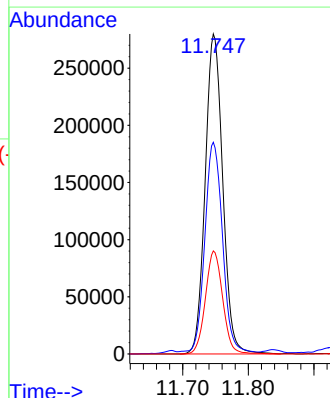
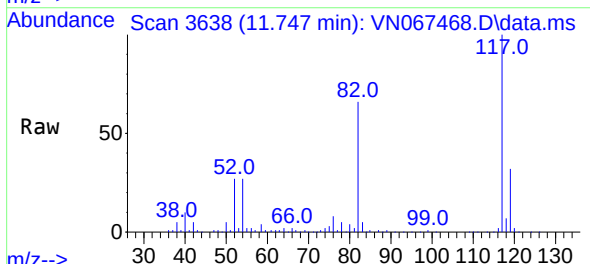
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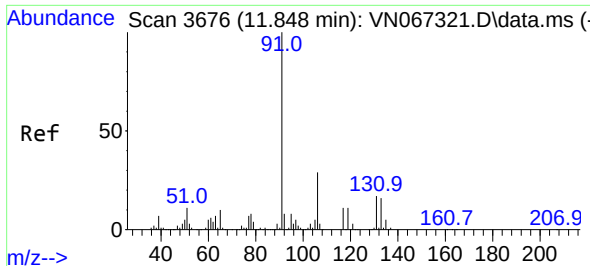
Tgt Ion: 95 Resp: 276813
Ion Ratio Lower Upper
95 100
174 56.4 0.0 122.0
176 54.1 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Tgt Ion: 117 Resp: 520302
Ion Ratio Lower Upper
117 100
82 65.4 53.1 79.7
119 32.2 25.5 38.3

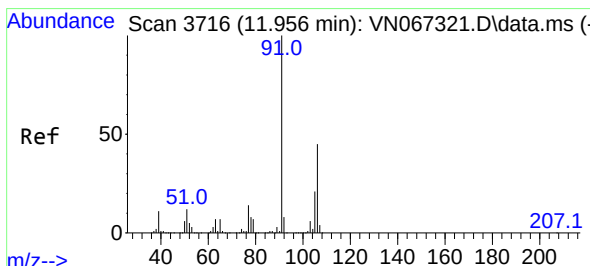
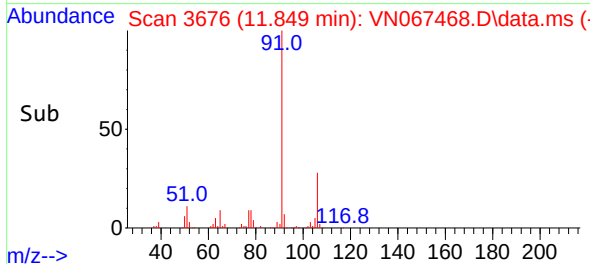
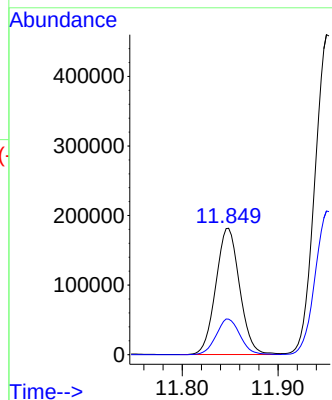
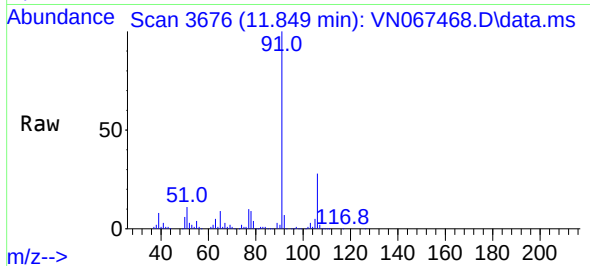




#67
Ethyl Benzene
Concen: 13.998 ug/l
RT: 11.849 min Scan# 3676
Delta R.T. 0.001 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

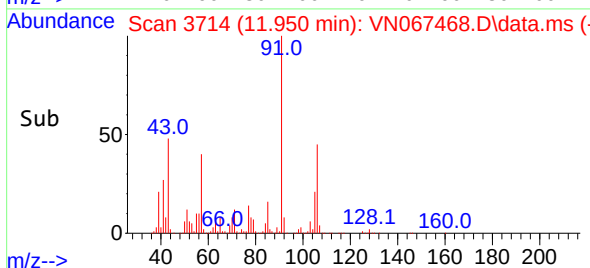
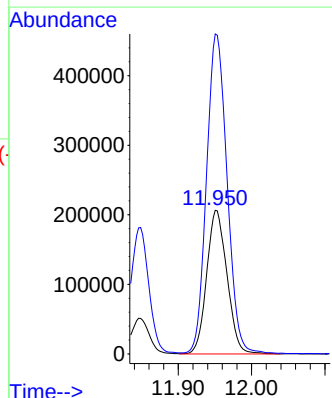
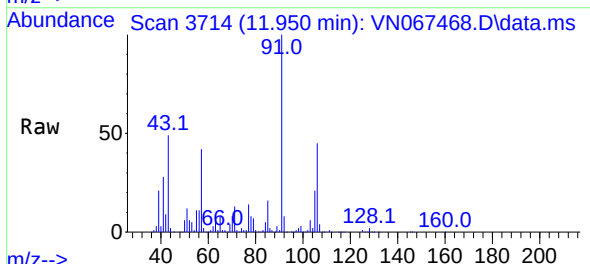
Instrument :
MSVOA_N
ClientSampled :
30759DL

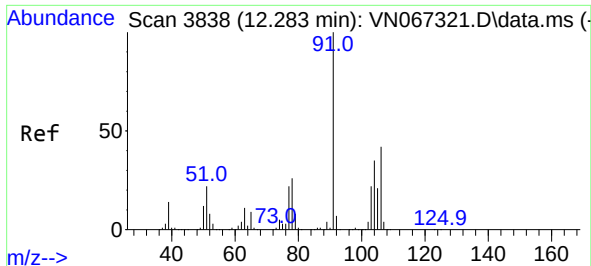
Tgt Ion: 91 Resp: 313417
Ion Ratio Lower Upper
91 100
106 28.2 23.4 35.0



#68
m/p-Xylenes
Concen: 50.039 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.006 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Tgt Ion:106 Resp: 398264
Ion Ratio Lower Upper
106 100
91 225.2 180.6 270.8

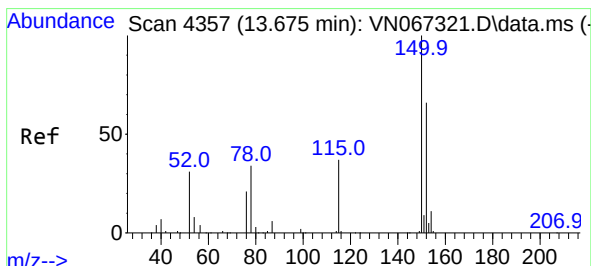
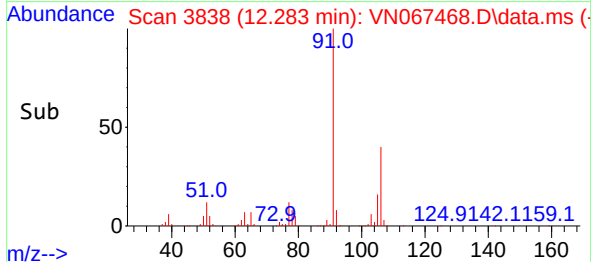
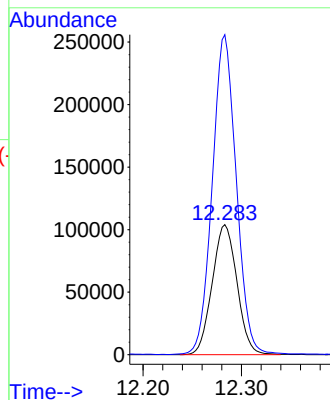
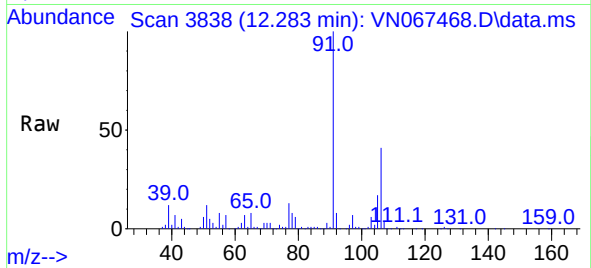




#69
o-Xylene
Concen: 23.405 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

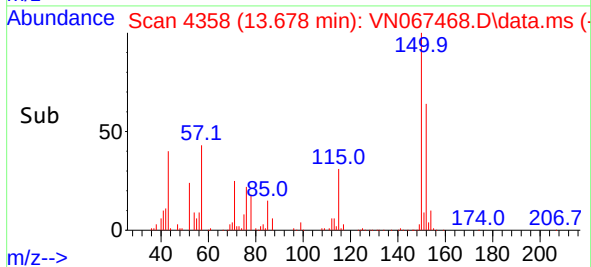
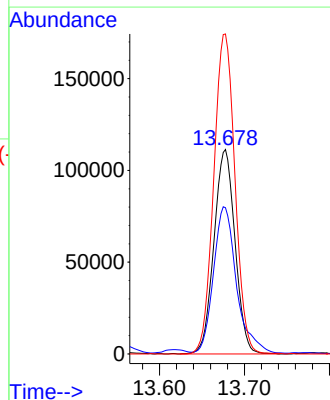
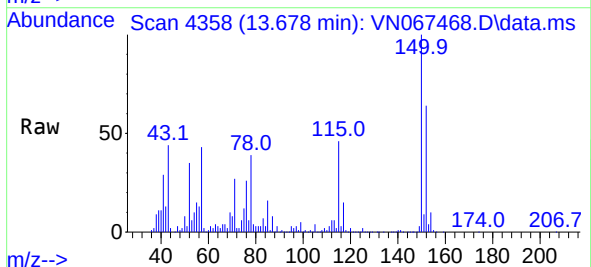
Instrument :
MSVOA_N
ClientSampleID :
30759DL

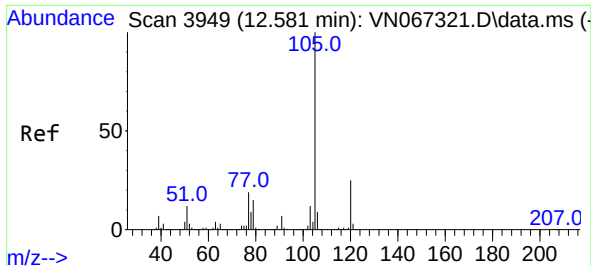
Tgt Ion:106 Resp: 182205
Ion Ratio Lower Upper
106 100
91 238.2 118.3 354.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Tgt Ion:152 Resp: 192018
Ion Ratio Lower Upper
152 100
115 78.0 36.1 108.5
150 157.5 0.0 351.8

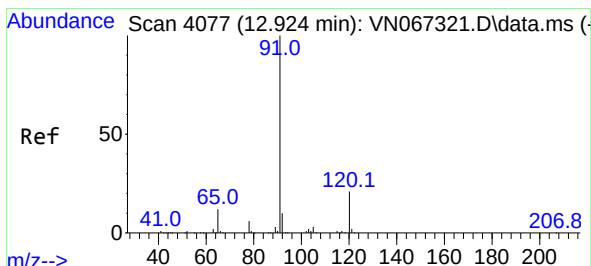
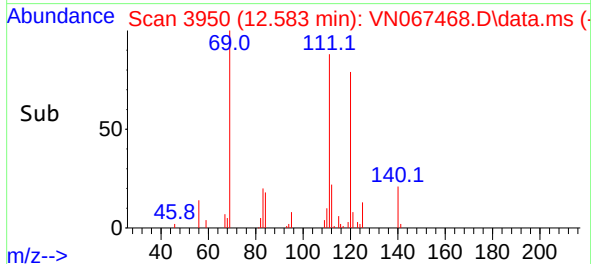
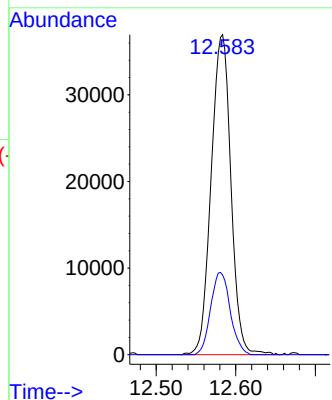
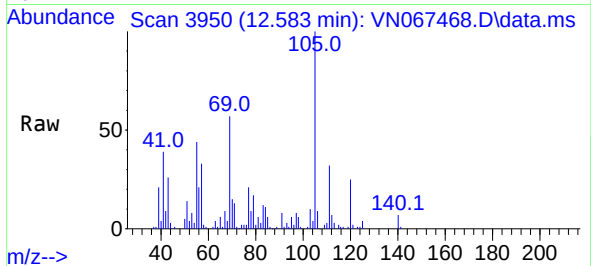




#73
Isopropylbenzene
Concen: 3.463 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

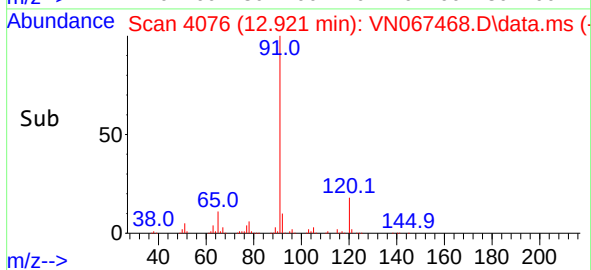
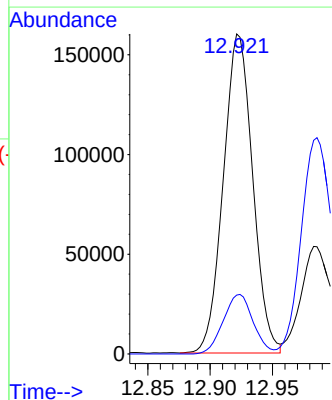
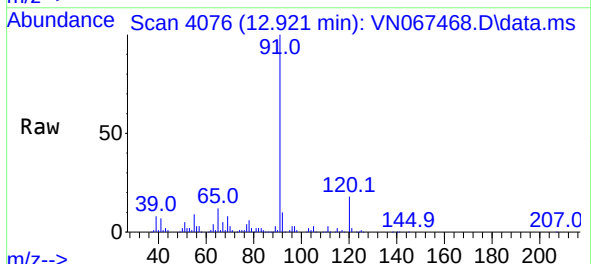
Instrument :
MSVOA_N
ClientSampled :
30759DL

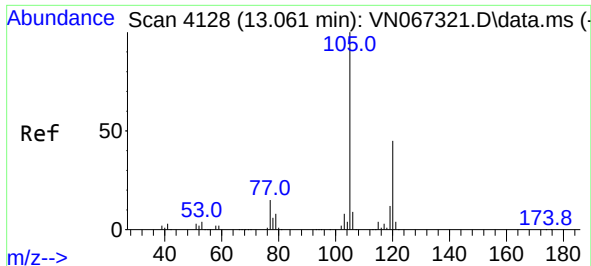
Tgt Ion:105 Resp: 63802
Ion Ratio Lower Upper
105 100
120 25.4 12.5 37.5



#78
n-propylbenzene
Concen: 11.965 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Tgt Ion: 91 Resp: 262214
Ion Ratio Lower Upper
91 100
120 19.0 10.4 31.4

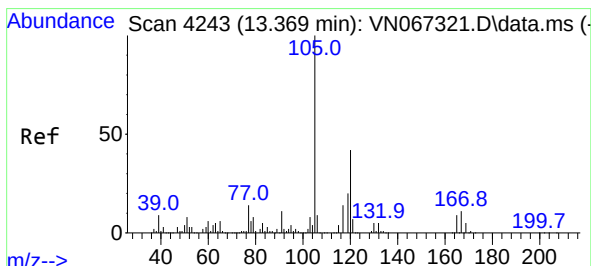
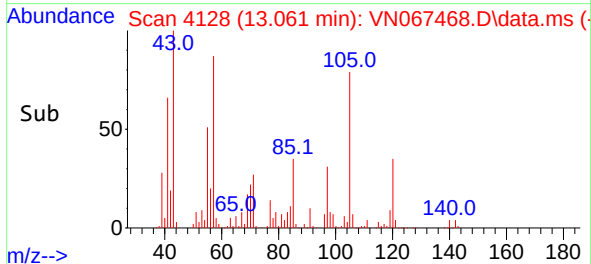
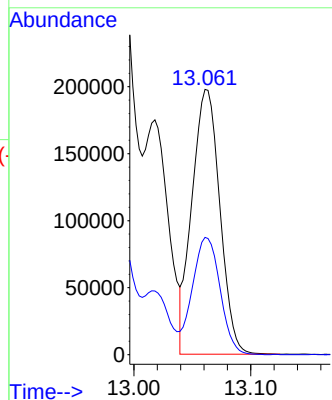
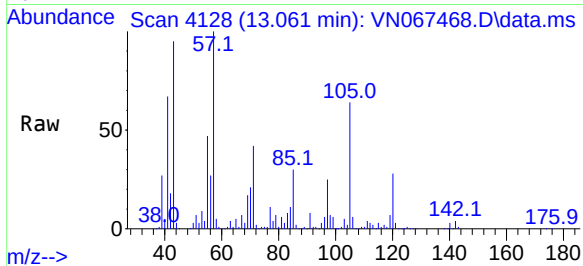




#80
1,3,5-Trimethylbenzene
Concen: 21.090 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

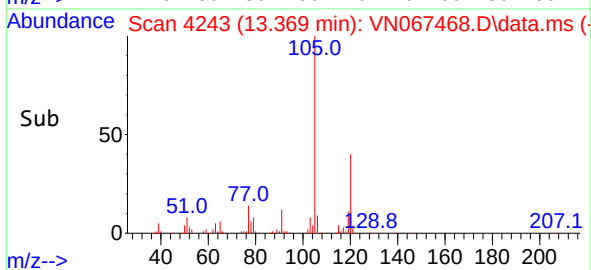
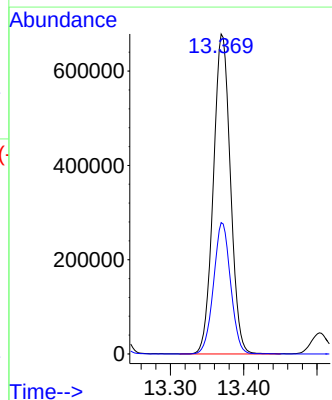
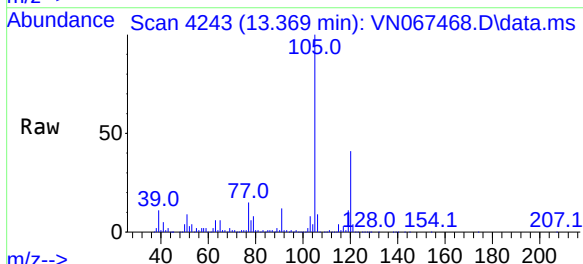
Instrument :
MSVOA_N
ClientSampleId :
30759DL

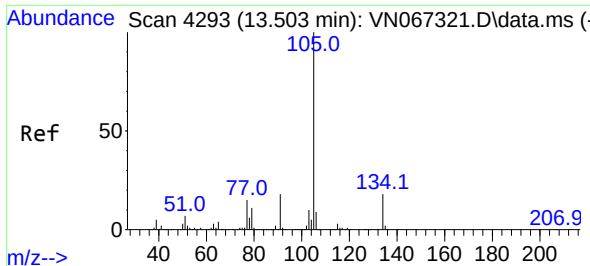
Tgt Ion:105 Resp: 327341
Ion Ratio Lower Upper
105 100
120 43.9 22.2 66.6



#84
1,2,4-Trimethylbenzene
Concen: 71.597 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Tgt Ion:105 Resp: 1097885
Ion Ratio Lower Upper
105 100
120 41.0 20.6 61.8

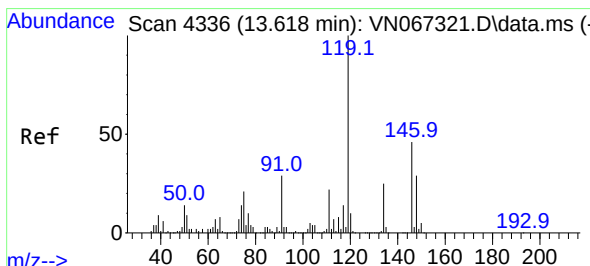
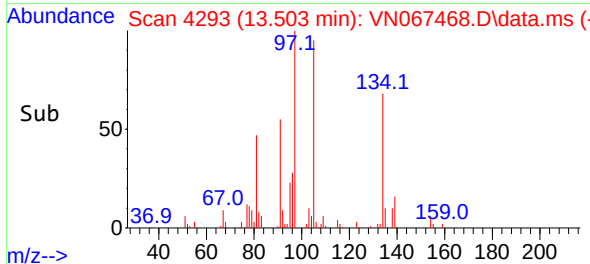
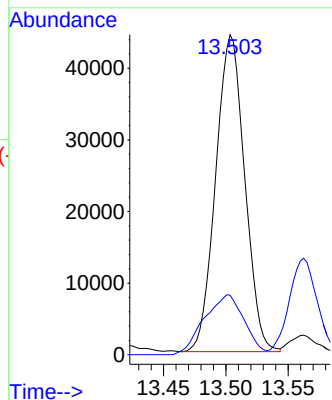
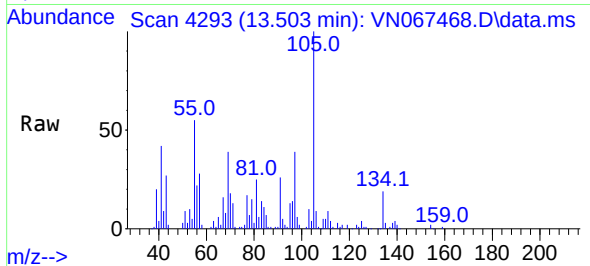




#85
 sec-Butylbenzene
 Concen: 4.097 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN067468.D
 Acq: 23 Jun 2021 19:42

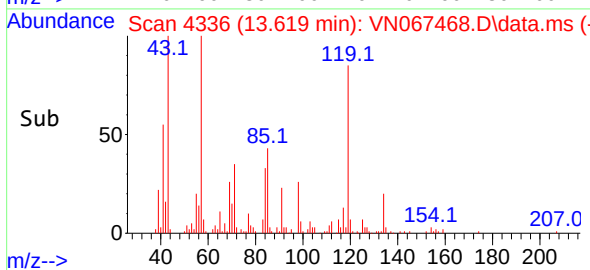
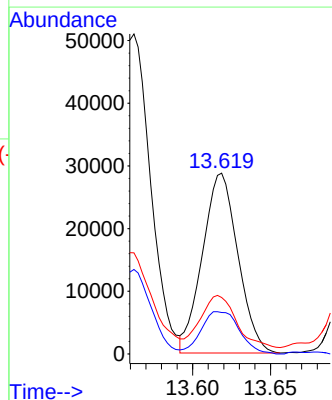
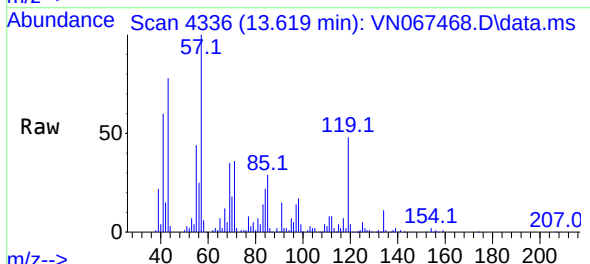
Instrument :
 MSVOA_N
 ClientSampled :
 30759DL

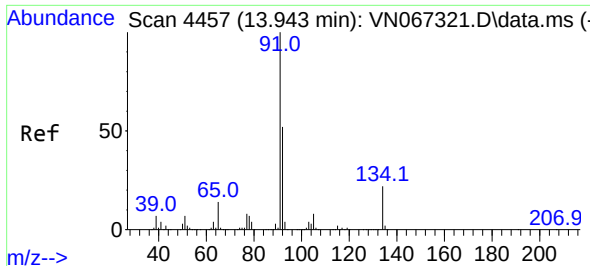
Tgt Ion:105 Resp: 71693
 Ion Ratio Lower Upper
 105 100
 134 25.9 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 3.219 ug/l
 RT: 13.619 min Scan# 4336
 Delta R.T. 0.001 min
 Lab File: VN067468.D
 Acq: 23 Jun 2021 19:42

Tgt Ion:119 Resp: 45455
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.4 37.4
 91 29.1 14.8 44.3

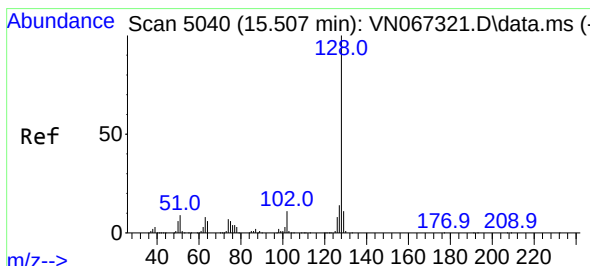
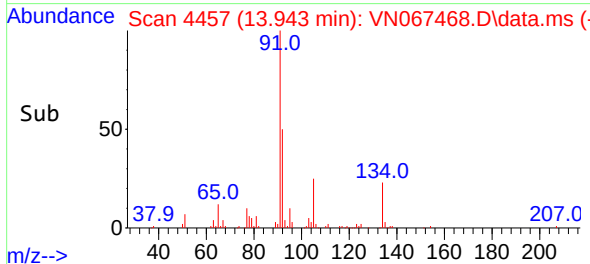
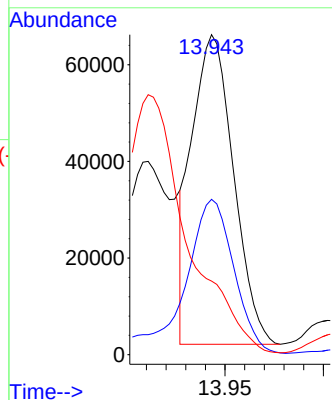
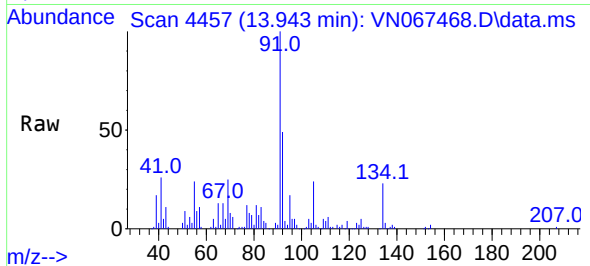




#89
n-Butylbenzene
Concen: 7.111 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Instrument :
MSVOA_N
ClientSampleId :
30759DL

Tgt Ion: 91 Resp: 94360
Ion Ratio Lower Upper
91 100
92 58.3 25.7 77.1
134 0.0 11.2 33.6#



#95
Naphthalene
Concen: 9.820 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067468.D
Acq: 23 Jun 2021 19:42

Tgt Ion:128 Resp: 88751
Ion Ratio Lower Upper
128 100
127 15.5 10.6 15.8
129 8.7 8.6 12.8

