

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
 Data File : VN067421.D
 Acq On : 21 Jun 2021 17:02
 Operator : JC/MD
 Sample : M2799-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1-GW

Quant Time: Jun 22 03:12:03 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	285395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	584381	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	511825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.680	152	173806	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	281274	49.959	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.920%
35) Dibromofluoromethane	8.024	113	183191	47.134	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.260%
50) Toluene-d8	10.446	98	768003	51.555	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.736	95	259111	42.148	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	84.300%

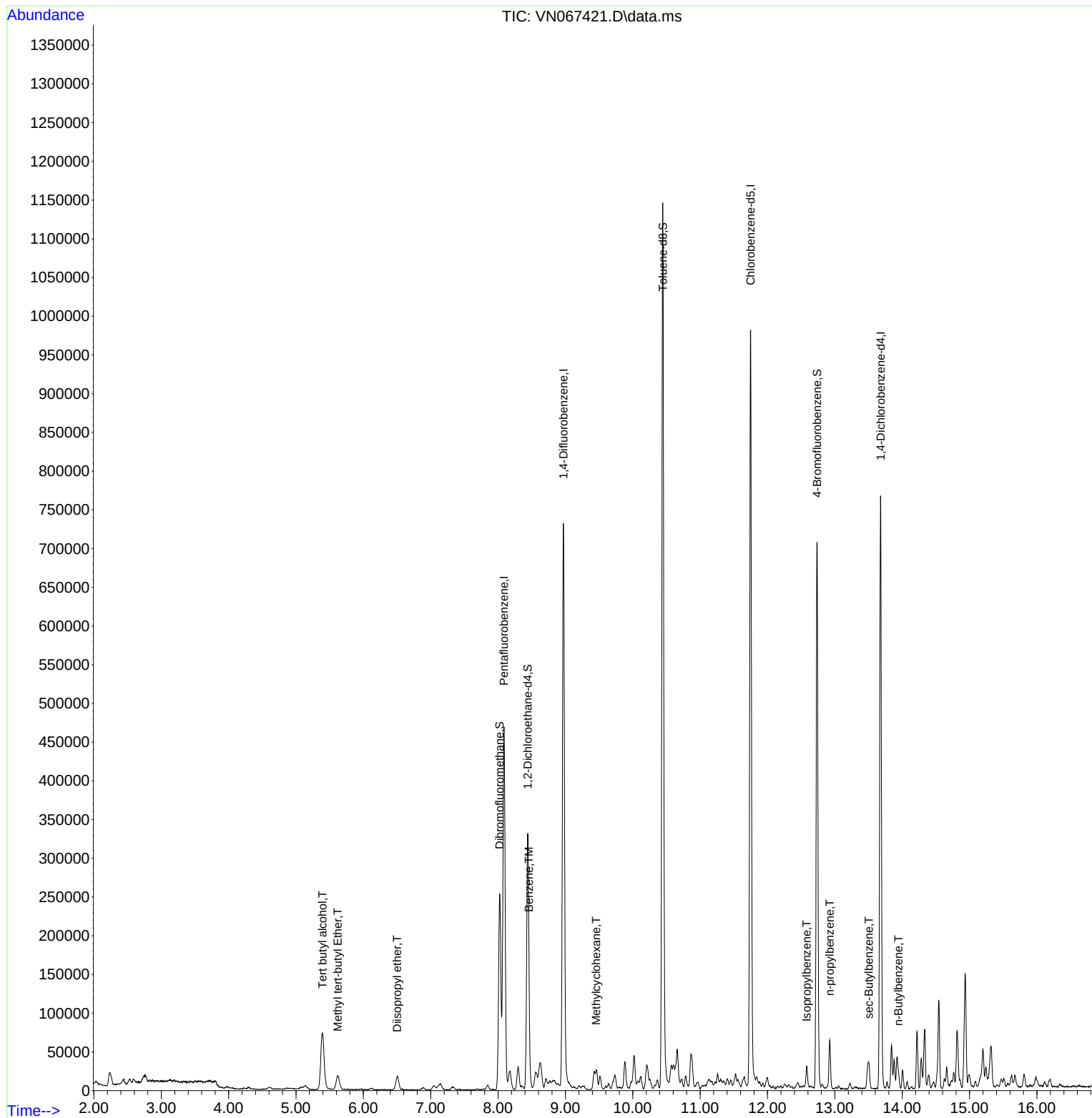
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.393	59	142542	153.796	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	18161	1.322	ug/l #	17
22) Diisopropyl ether	6.501	45	22095	1.576	ug/l	93
39) Methylcyclohexane	9.456	83	9201	1.327	ug/l #	82
40) Benzene	8.458	78	9215	0.504	ug/l	95
73) Isopropylbenzene	12.581	105	18498	1.109	ug/l	98
78) n-propylbenzene	12.924	91	50661	2.554	ug/l	94
85) sec-Butylbenzene	13.506	105	20354	1.285	ug/l	98
89) n-Butylbenzene	13.943	91	15628	1.301	ug/l #	74

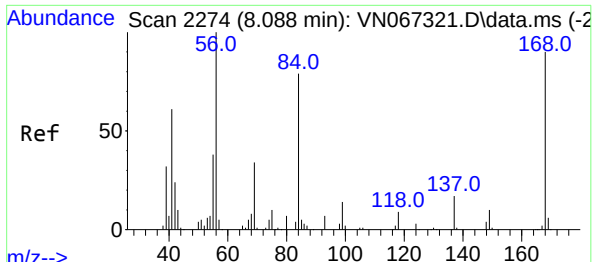
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: Jun 22 03:12:03 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

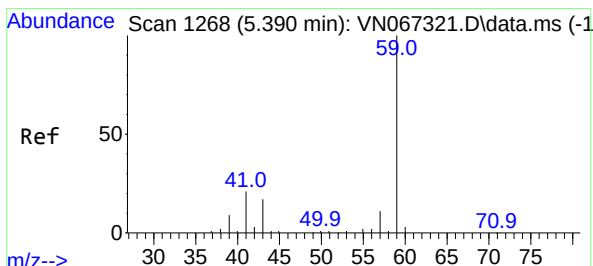
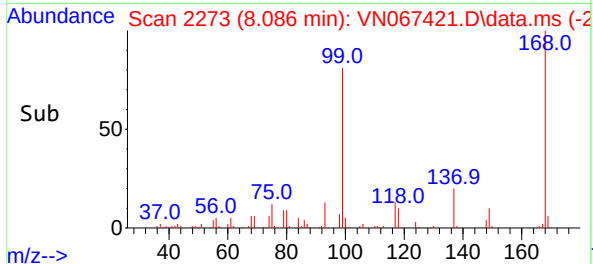
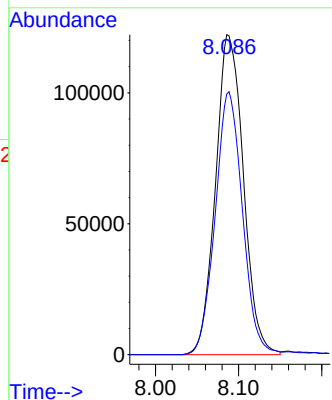
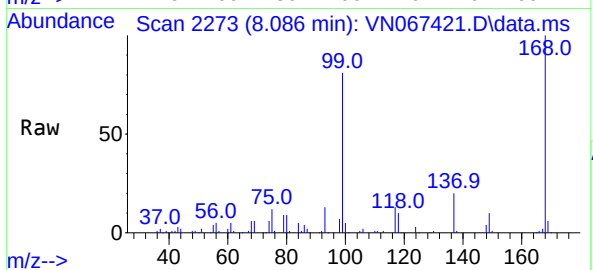




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.002 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

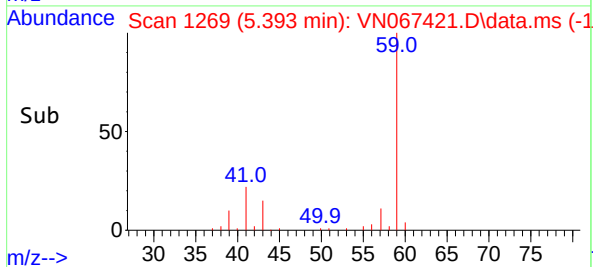
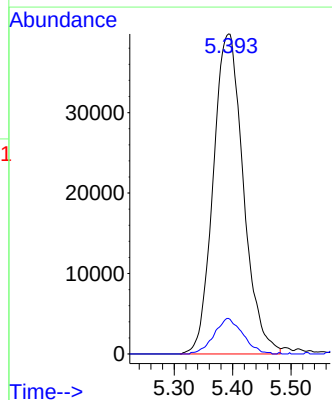
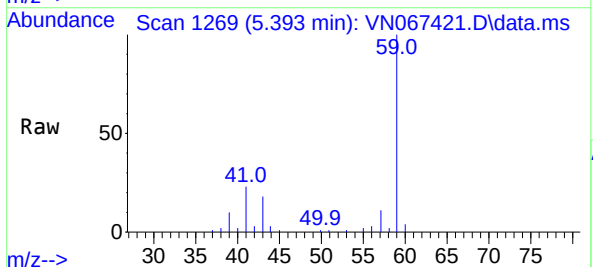
Instrument :
MSVOA_N
ClientSampled :
SB-1-GW

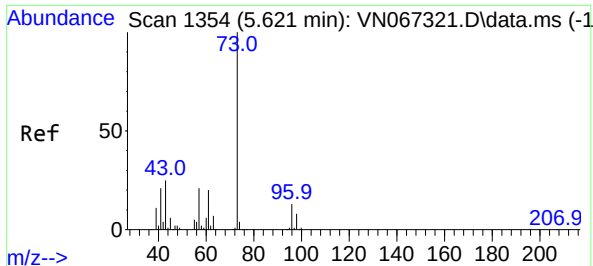
Tgt Ion:168 Resp: 285395
Ion Ratio Lower Upper
168 100
99 81.5 62.9 94.3



#11
Tert butyl alcohol
Concen: 153.796 ug/l
RT: 5.393 min Scan# 1269
Delta R.T. 0.003 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

Tgt Ion: 59 Resp: 142542
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



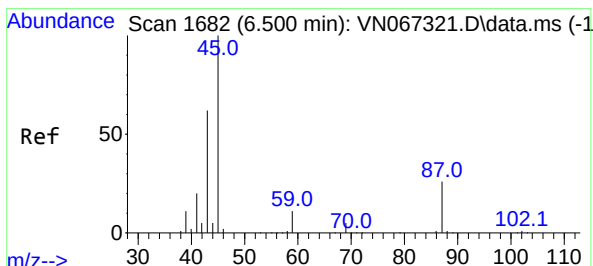
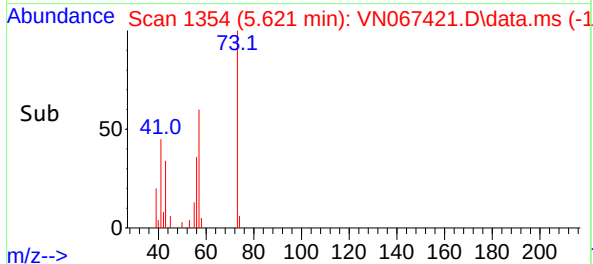
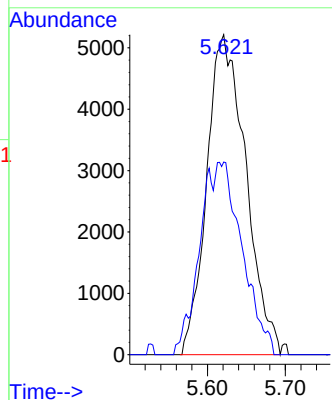
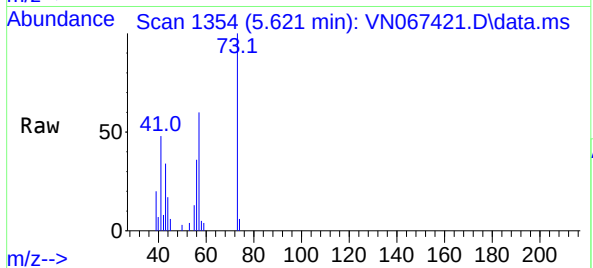


#19

Methyl tert-butyl Ether
 Concen: 1.322 ug/l
 RT: 5.621 min Scan# 1354
 Delta R.T. -0.000 min
 Lab File: VN067421.D
 Acq: 21 Jun 2021 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1-GW

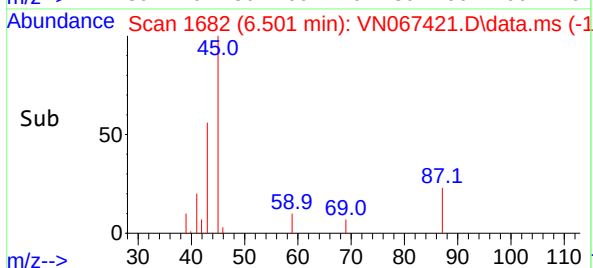
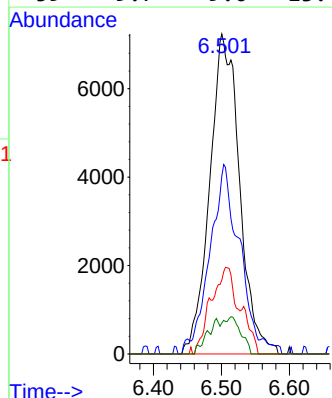
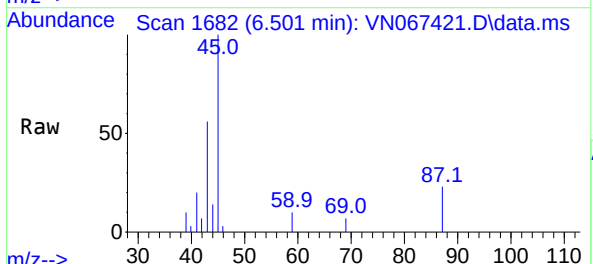
Tgt Ion: 73 Resp: 18161
 Ion Ratio Lower Upper
 73 100
 57 60.2 17.0 25.6#

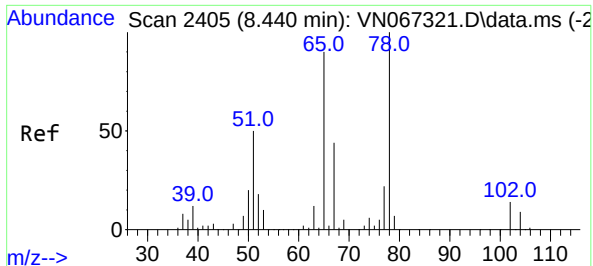


#22

Diisopropyl ether
 Concen: 1.576 ug/l
 RT: 6.501 min Scan# 1682
 Delta R.T. 0.001 min
 Lab File: VN067421.D
 Acq: 21 Jun 2021 17:02

Tgt Ion: 45 Resp: 22095
 Ion Ratio Lower Upper
 45 100
 43 55.5 49.4 74.2
 87 23.0 20.9 31.3
 59 9.7 9.0 13.4

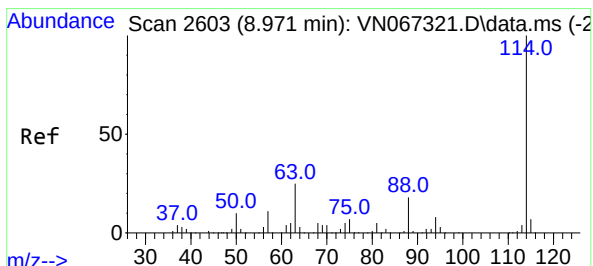
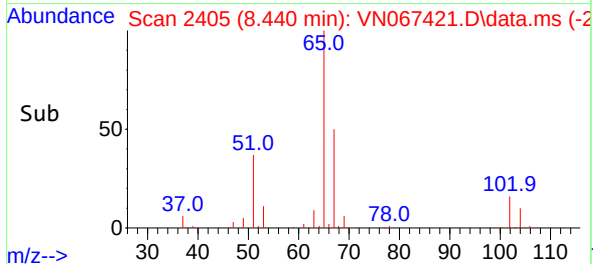
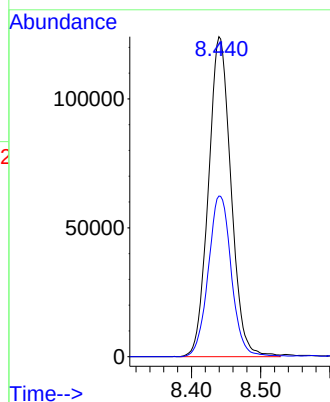
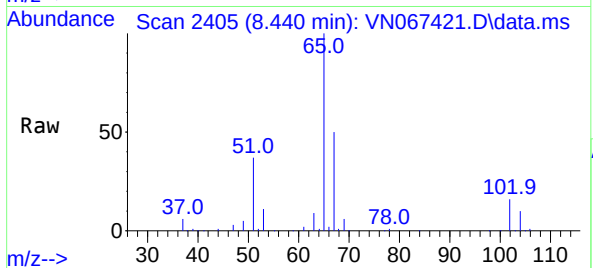




#33
1,2-Dichloroethane-d4
Concen: 49.959 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

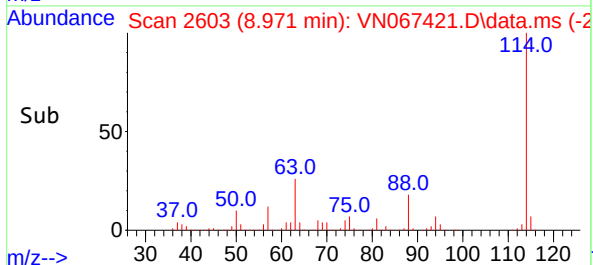
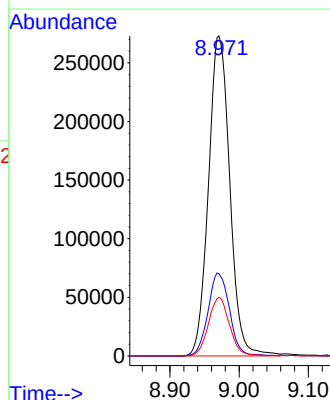
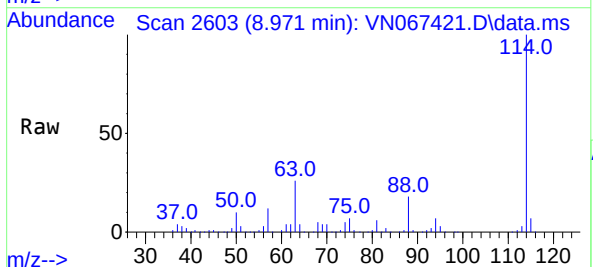
Instrument :
MSVOA_N
ClientSampleId :
SB-1-GW

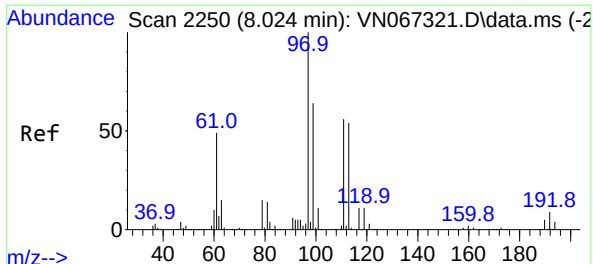
Tgt Ion: 65 Resp: 281274
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

Tgt Ion: 114 Resp: 584381
Ion Ratio Lower Upper
114 100
63 25.8 0.0 49.0
88 18.3 0.0 36.6



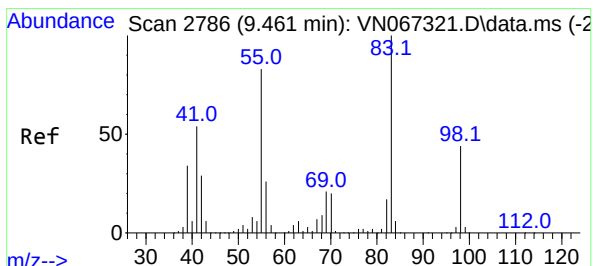
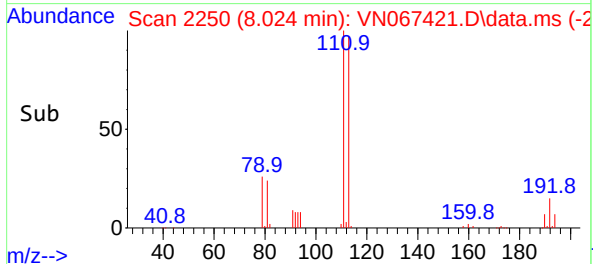
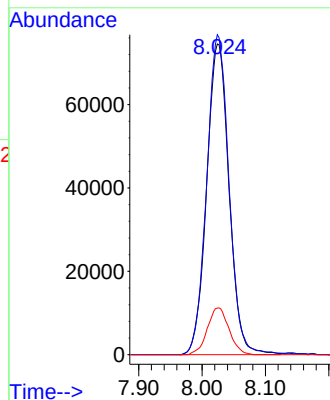
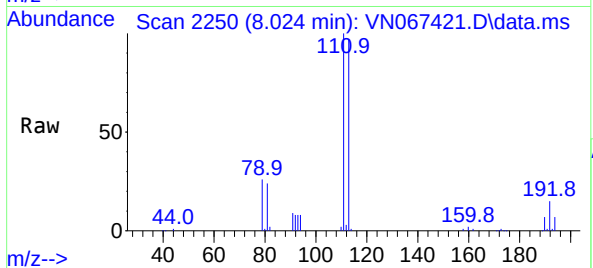


#35
Dibromofluoromethane
Concen: 47.134 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

Instrument :
MSVOA_N
ClientSampleId :
SB-1-GW

Tgt Ion:113 Resp: 183191

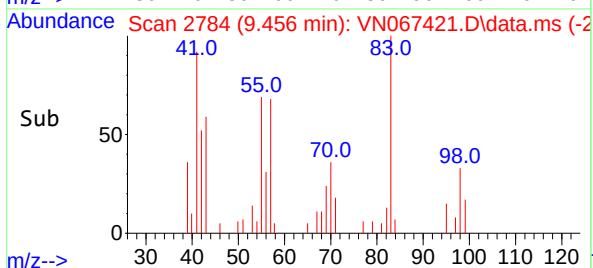
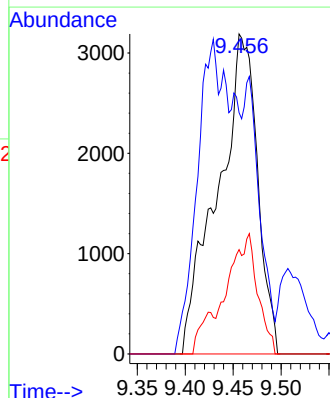
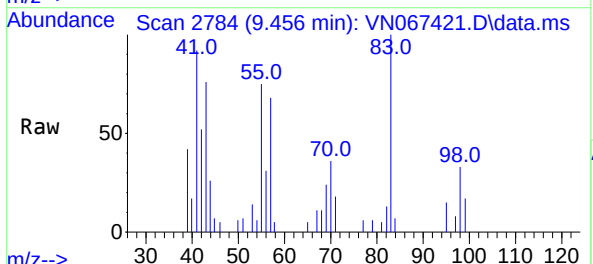
Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.8
192	14.6	13.4	20.0

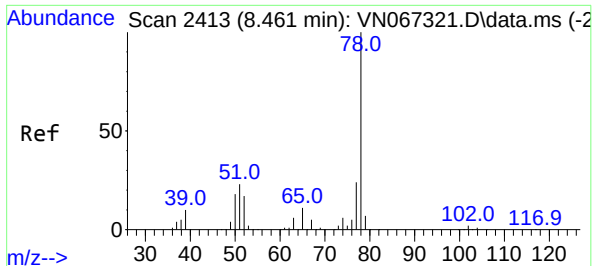


#39
Methylcyclohexane
Concen: 1.327 ug/l
RT: 9.456 min Scan# 2784
Delta R.T. -0.005 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

Tgt Ion: 83 Resp: 9201

Ion	Ratio	Lower	Upper
83	100		
55	66.7	66.6	99.8
98	32.6	35.3	52.9

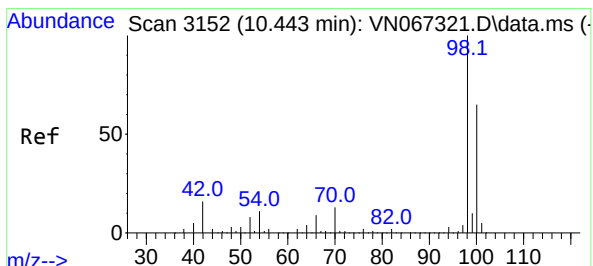
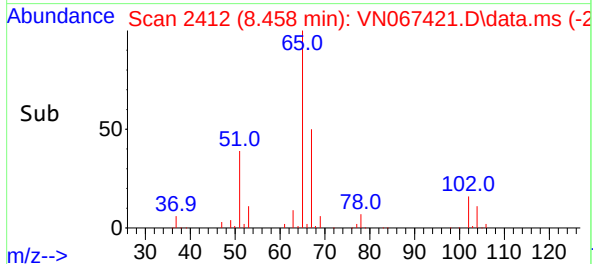
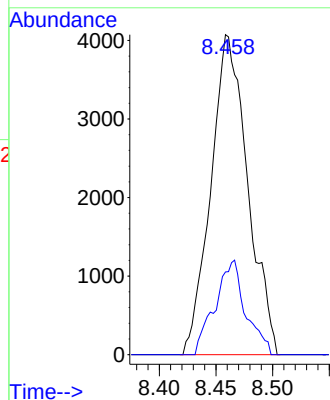
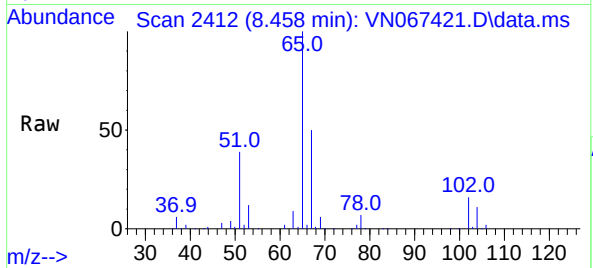




#40
Benzene
Concen: 0.504 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

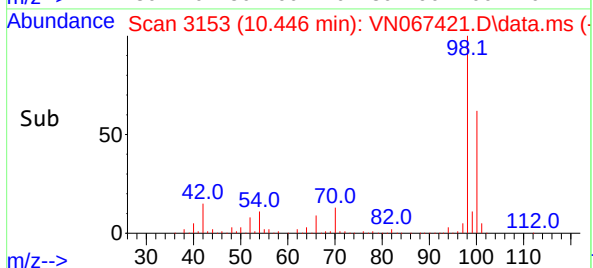
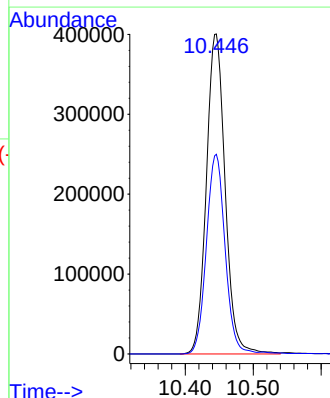
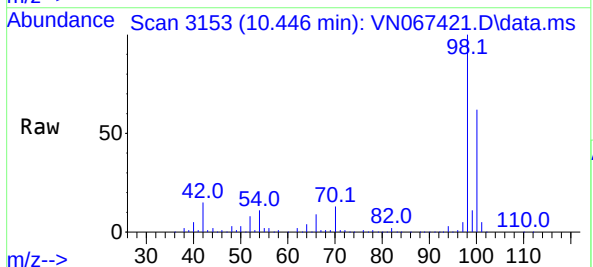
Instrument :
MSVOA_N
ClientSampled :
SB-1-GW

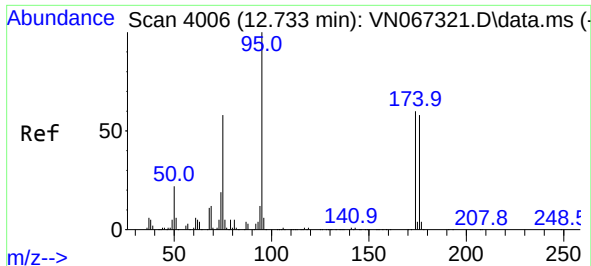
Tgt Ion: 78 Resp: 9215
Ion Ratio Lower Upper
78 100
77 25.9 18.9 28.3



#50
Toluene-d8
Concen: 51.555 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

Tgt Ion: 98 Resp: 768003
Ion Ratio Lower Upper
98 100
100 62.0 51.7 77.5



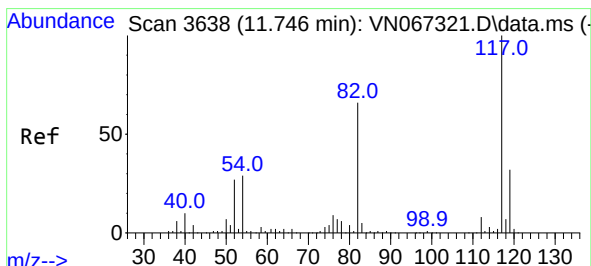
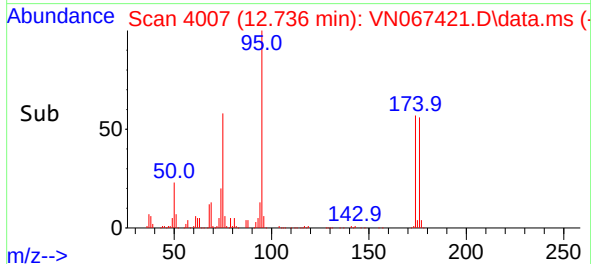
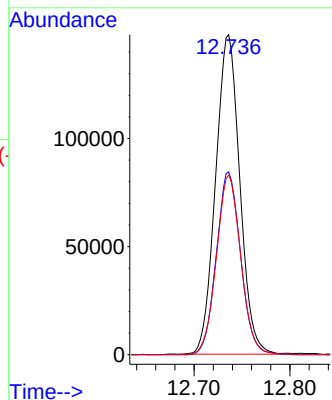
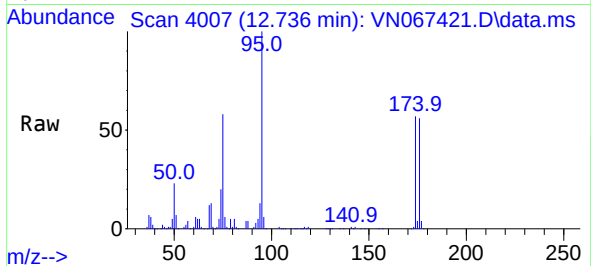


#62
4-Bromofluorobenzene
Concen: 42.148 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

Instrument :
MSVOA_N
ClientSampleId :
SB-1-GW

Tgt Ion: 95 Resp: 259111

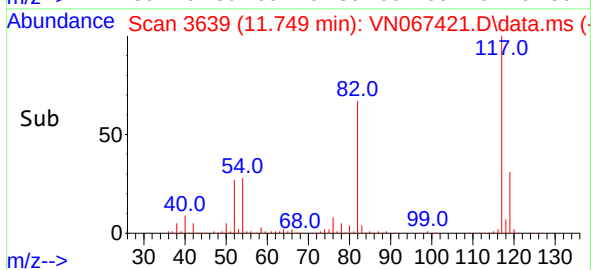
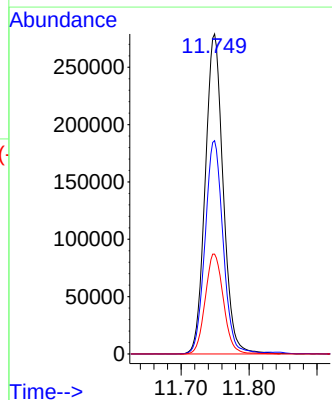
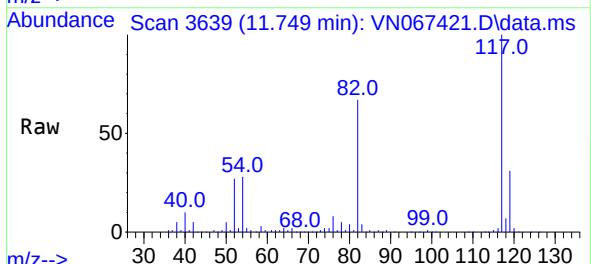
Ion	Ratio	Lower	Upper
95	100		
174	57.3	0.0	122.0
176	56.4	0.0	117.6

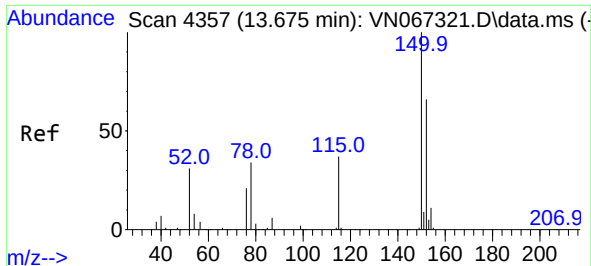


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

Tgt Ion: 117 Resp: 511825

Ion	Ratio	Lower	Upper
117	100		
82	66.6	53.1	79.7
119	31.2	25.5	38.3

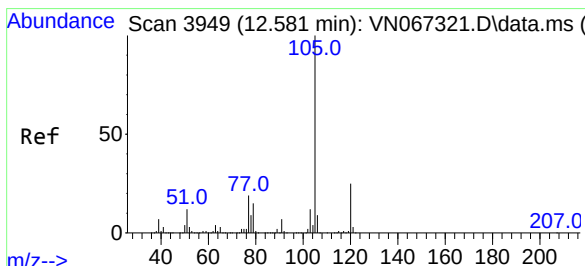
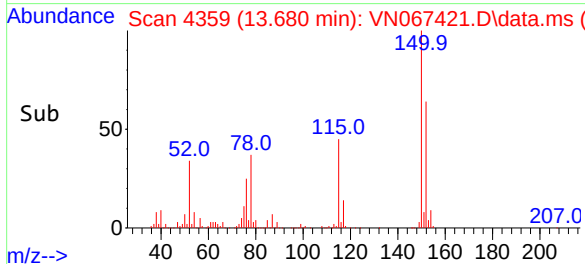
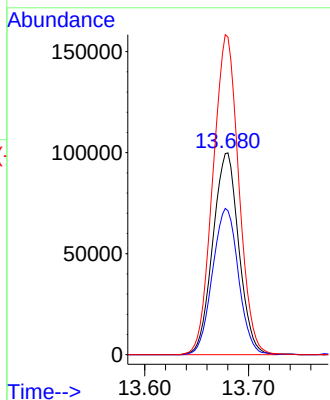
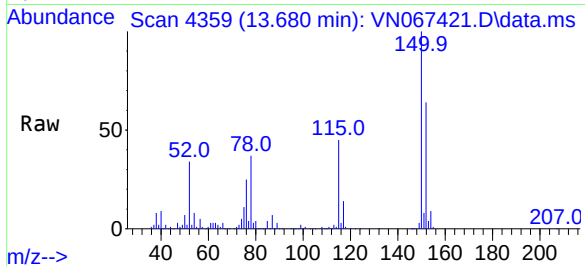




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.680 min Scan# 4359
Delta R.T. 0.005 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

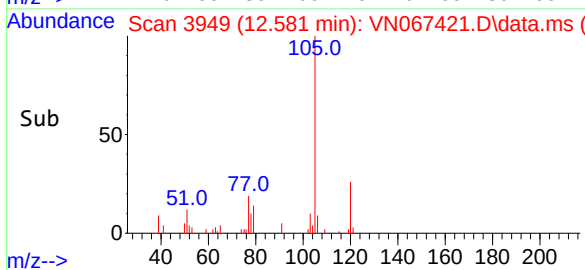
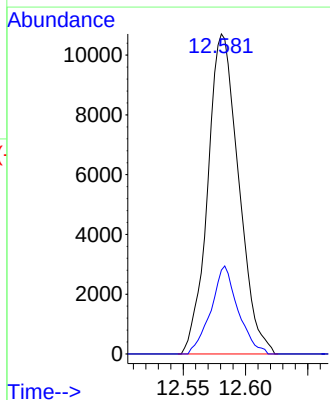
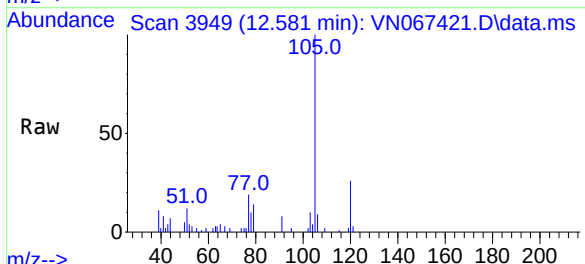
Instrument :
MSVOA_N
ClientSampleId :
SB-1-GW

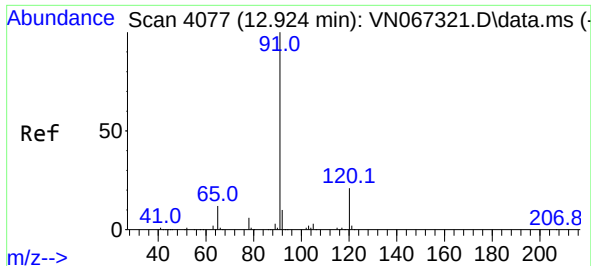
Tgt Ion:152 Resp: 173806
Ion Ratio Lower Upper
152 100
115 72.5 36.1 108.5
150 157.9 0.0 351.8



#73
Isopropylbenzene
Concen: 1.109 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. -0.000 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

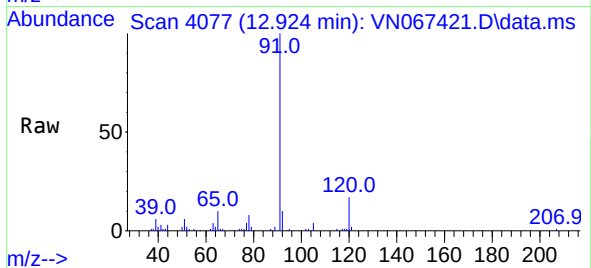
Tgt Ion:105 Resp: 18498
Ion Ratio Lower Upper
105 100
120 24.0 12.5 37.5



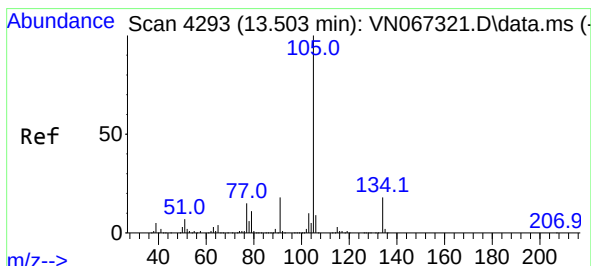
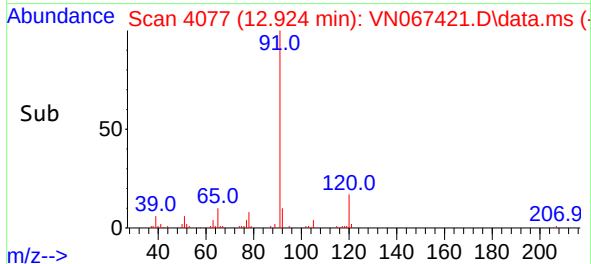
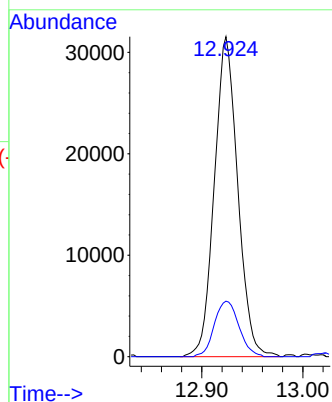


#78
n-propylbenzene
Concen: 2.554 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

Instrument :
MSVOA_N
ClientSampleId :
SB-1-GW

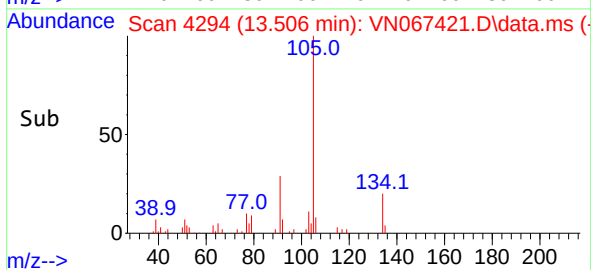
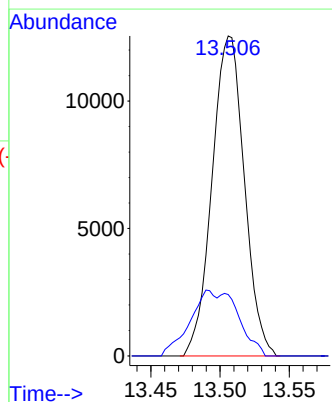
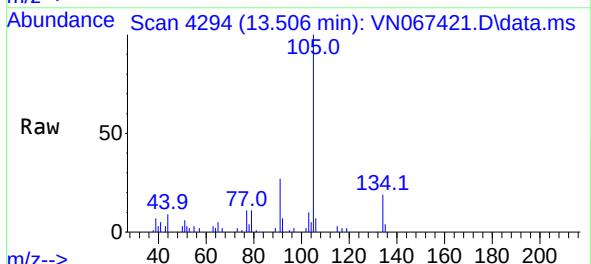


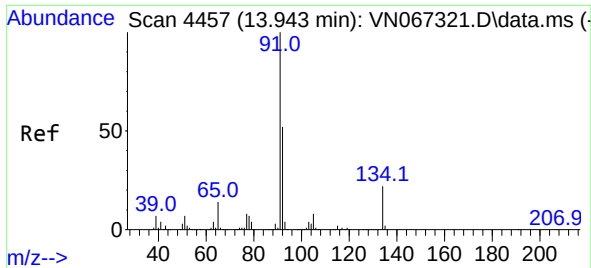
Tgt Ion: 91 Resp: 50661
Ion Ratio Lower Upper
91 100
120 18.3 10.4 31.4



#85
sec-Butylbenzene
Concen: 1.285 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN067421.D
Acq: 21 Jun 2021 17:02

Tgt Ion: 105 Resp: 20354
Ion Ratio Lower Upper
105 100
134 17.2 9.0 27.1





#89
 n-Butylbenzene
 Concen: 1.301 ug/l
 RT: 13.943 min Scan# 4457
 Delta R.T. 0.000 min
 Lab File: VN067421.D
 Acq: 21 Jun 2021 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-1-GW

Tgt Ion: 91 Resp: 15628
 Ion Ratio Lower Upper
 91 100
 92 39.7 25.7 77.1
 134 45.5 11.2 33.6#

