

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062821\
 Data File : VN067540.D
 Acq On : 28 Jun 2021 19:04
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Manual Integrations
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 6/29/2021 6:23:00 PM

Quant Time: Jun 29 05:26:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	227772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	423570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	399335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	140497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	165908	53.222	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.440%			
35) Dibromofluoromethane	8.024	113	126958	48.344	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.680%			
50) Toluene-d8	10.446	98	558464	52.350	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.700%			
62) 4-Bromofluorobenzene	12.733	95	177399	47.607	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 95.220%			
Target Compounds					Qvalue	
59) 2-Hexanone	11.095	43	3871	1.515	ug/l	97
78) n-propylbenzene	12.924	91	3308	0.251	ug/l	97
79) 2-Chlorotoluene	13.010	91	1764	0.219	ug/l	95
82) 4-Chlorotoluene	13.109	91	2692	0.342	ug/l	94
84) 1,2,4-Trimethylbenzene	13.372	105	2817	0.295	ug/l	92
85) sec-Butylbenzene	13.509	105	2860	0.248	ug/l	91
86) p-Isopropyltoluene	13.616	119	2695	0.290	ug/l	91
87) 1,3-Dichlorobenzene	13.613	146	1933	0.398	ug/l	94
88) 1,4-Dichlorobenzene	13.702	146	2354m	0.491	ug/l	
89) n-Butylbenzene	13.948	91	4893	0.639	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	2087	0.451	ug/l	96
93) 1,2,4-Trichlorobenzene	15.268	180	2967	1.458	ug/l	95
95) Naphthalene	15.509	128	15344	5.257	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	3779	1.897	ug/l	87

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

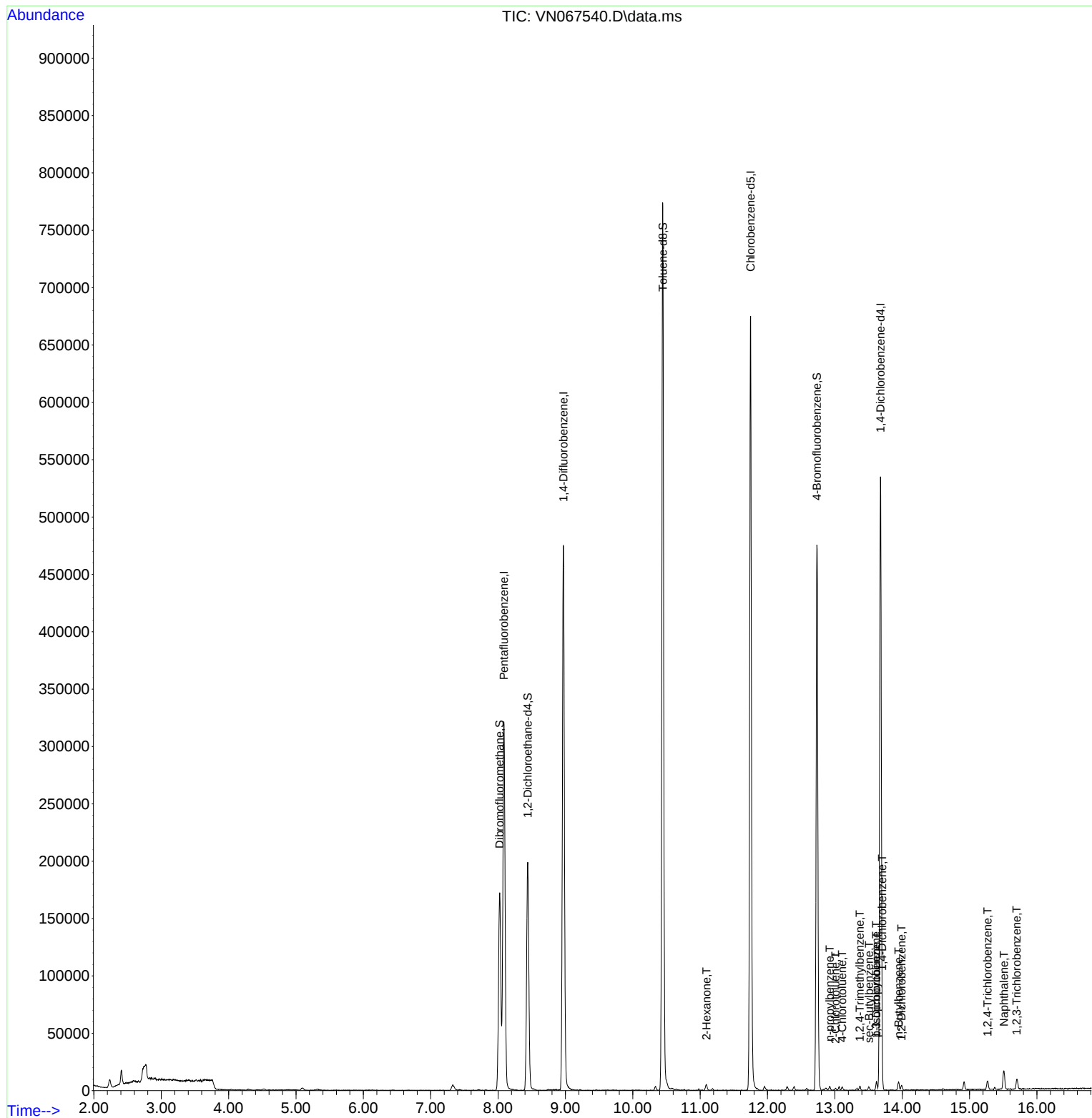
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Data File : VN067540.D
Acq On : 28 Jun 2021 19:04
Operator : JC/MD
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Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

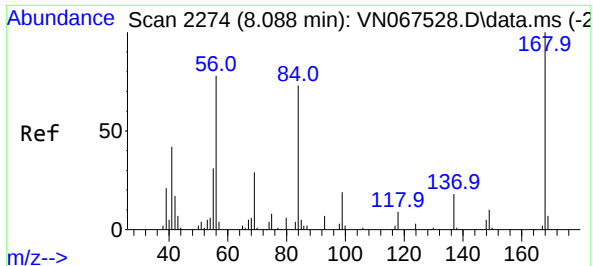
Instrument :
MSVOA_N
ClientSampleId :
IBLK

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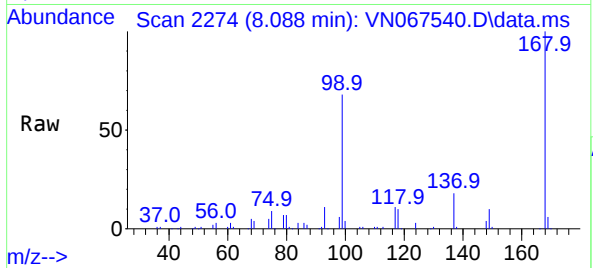
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Quant Time: Jun 29 05:26:42 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 28 14:31:03 2021
Response via : Initial Calibration

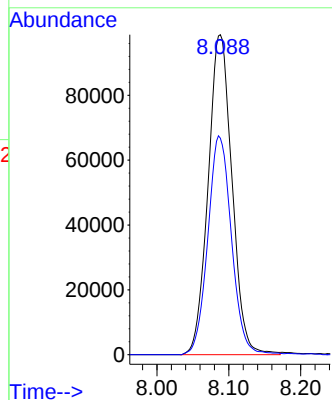
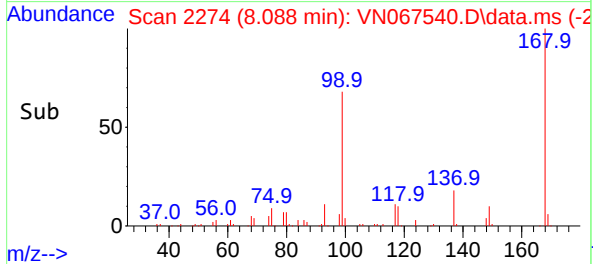




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04



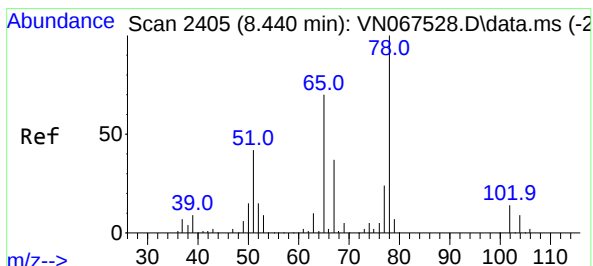
Tgt Ion:168 Resp: 227772
Ion Ratio Lower Upper
168 100
99 67.7 62.9 94.3



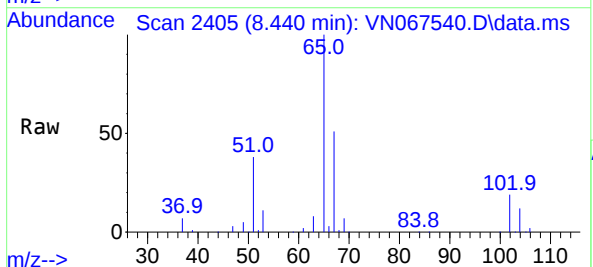
Instrument :
MSVOA_N
ClientSampled :
IBLK

Manual Integrations
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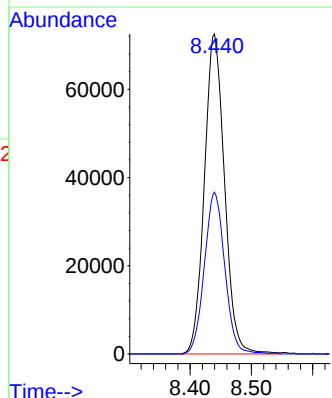
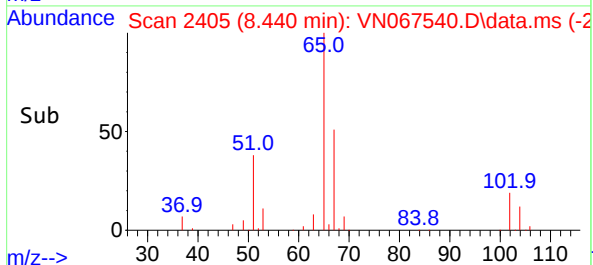
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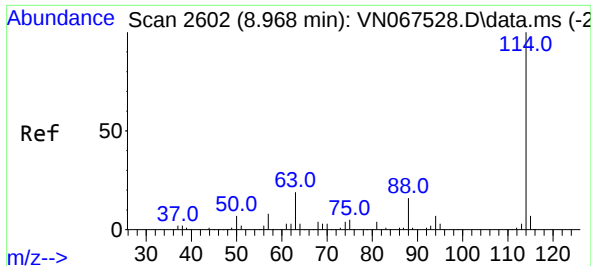


#33
1,2-Dichloroethane-d4
Concen: 53.222 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04



Tgt Ion: 65 Resp: 165908
Ion Ratio Lower Upper
65 100
67 51.2 0.0 98.6





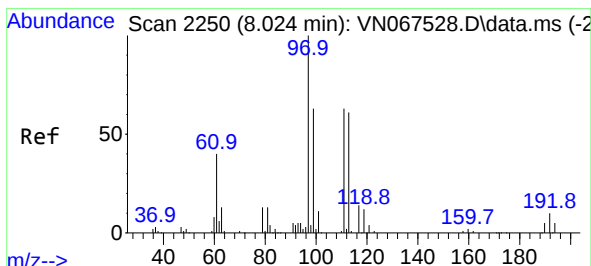
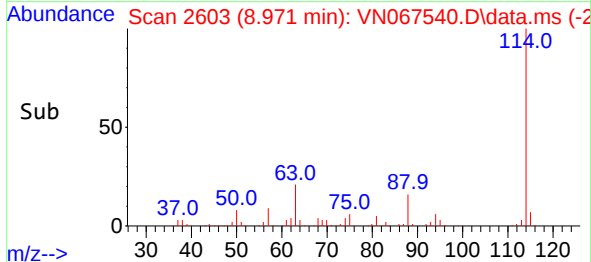
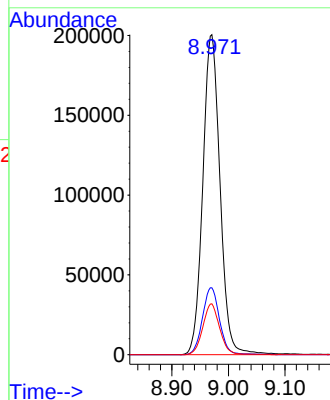
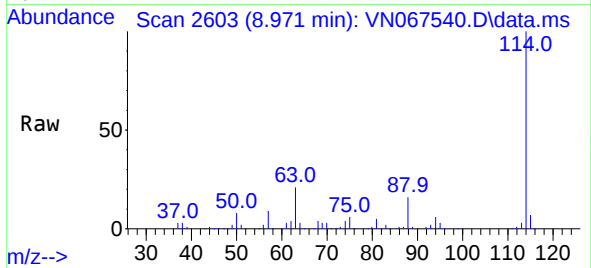
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

Tgt Ion:114 Resp: 423570
Ion Ratio Lower Upper
114 100
63 20.9 0.0 49.0
88 15.9 0.0 36.6

Instrument :
MSVOA_N
ClientSampled :
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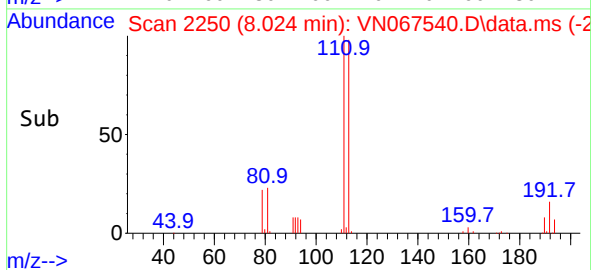
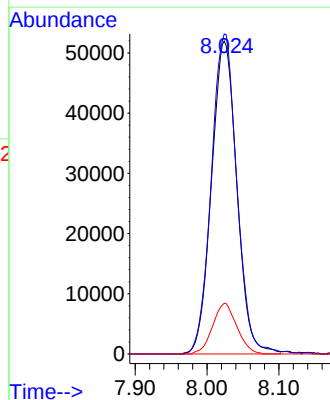
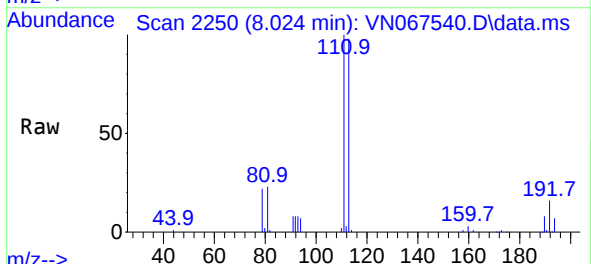
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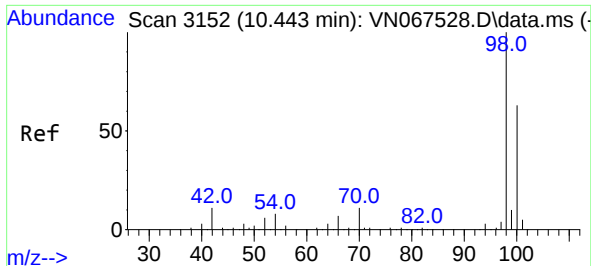
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#35
Dibromofluoromethane
Concen: 48.344 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

Tgt Ion:113 Resp: 126958
Ion Ratio Lower Upper
113 100
111 103.3 83.8 125.8
192 15.5 13.4 20.0





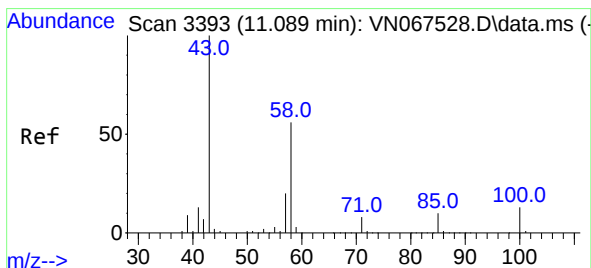
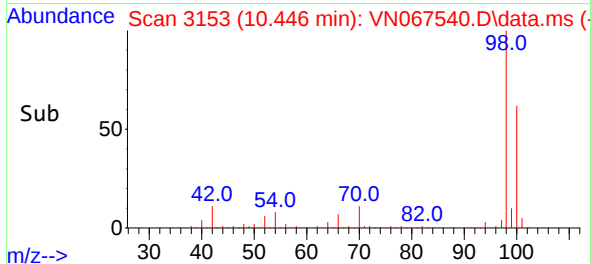
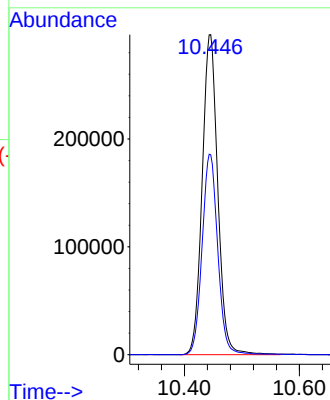
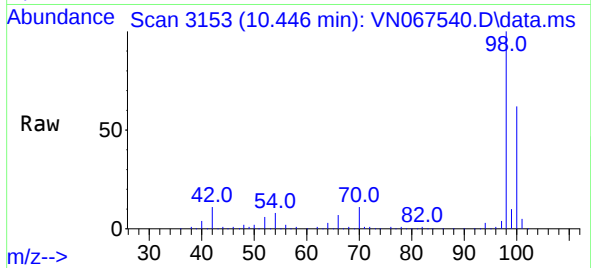
#50
Toluene-d8
Concen: 52.350 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

Tgt Ion: 98 Resp: 558464
Ion Ratio Lower Upper
98 100
100 62.7 51.7 77.5

Instrument :
MSVOA_N
ClientSampled :
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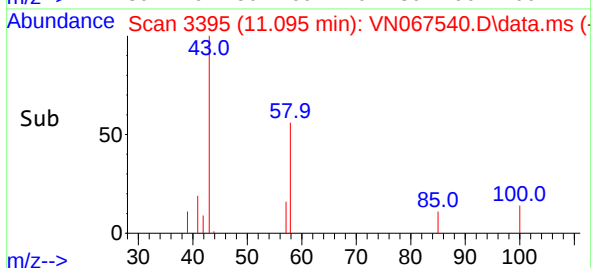
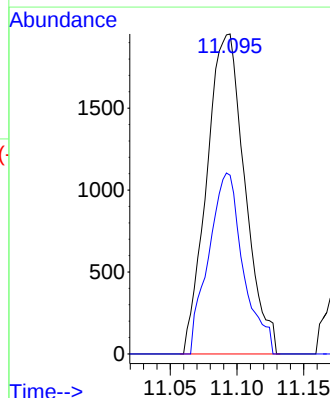
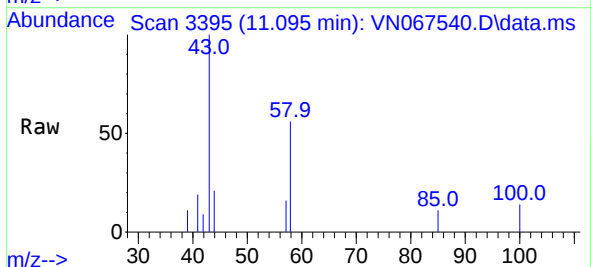
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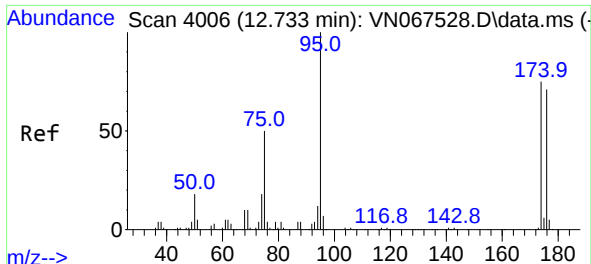
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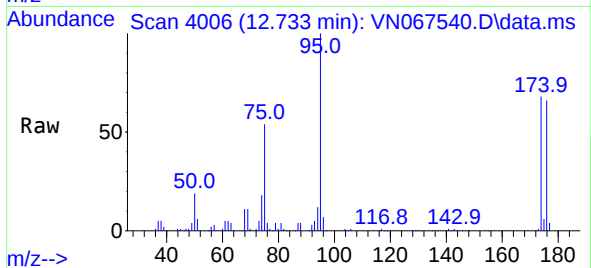
#59
2-Hexanone
Concen: 1.515 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.006 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

Tgt Ion: 43 Resp: 3871
Ion Ratio Lower Upper
43 100
58 51.3 24.7 74.1

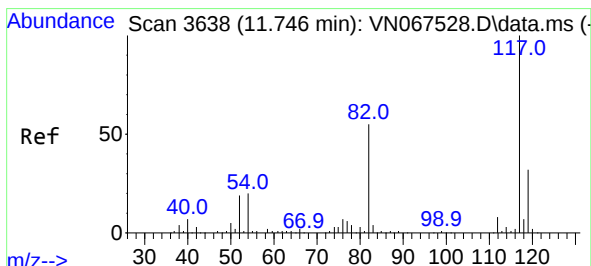
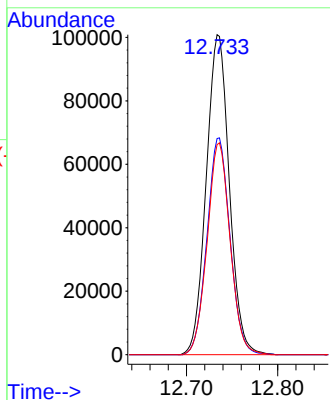
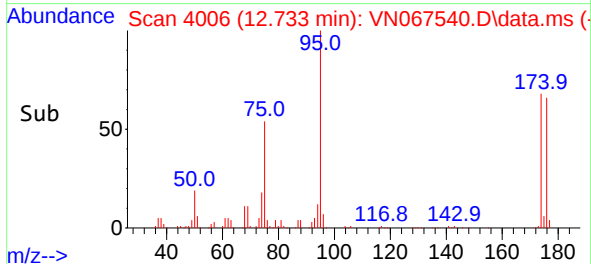




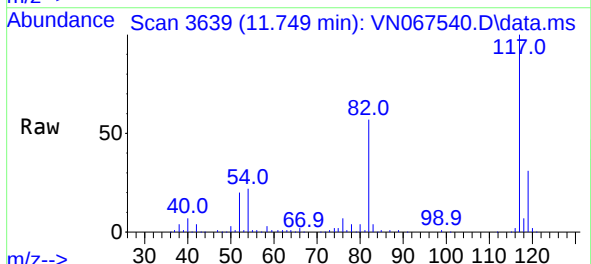
#62
4-Bromofluorobenzene
Concen: 47.607 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04



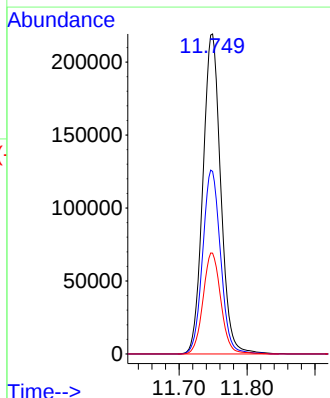
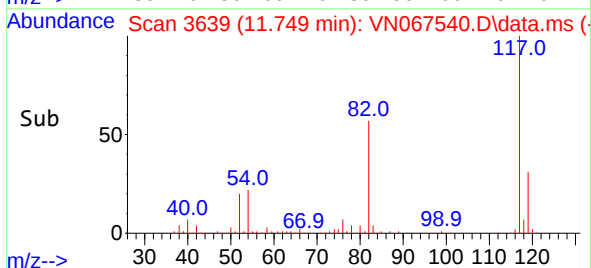
Tgt Ion: 95 Resp: 177399
Ion Ratio Lower Upper
95 100
174 67.7 0.0 122.0
176 65.8 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04



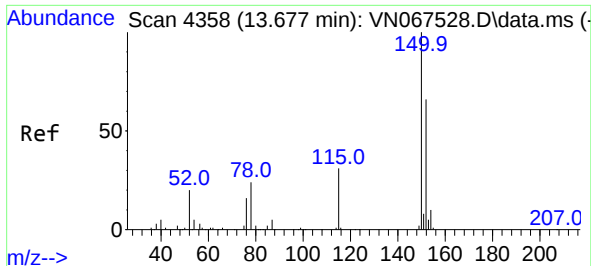
Tgt Ion: 117 Resp: 399335
Ion Ratio Lower Upper
117 100
82 57.1 53.1 79.7
119 31.5 25.5 38.3



Instrument :
MSVOA_N
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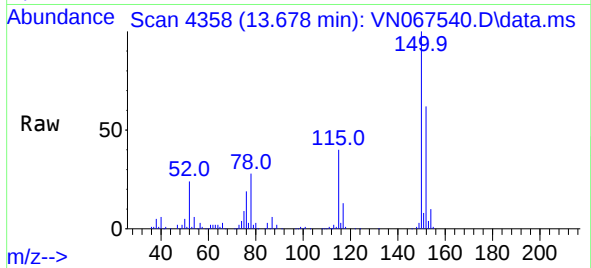
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.001 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

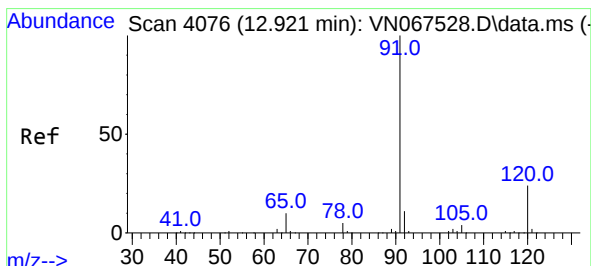
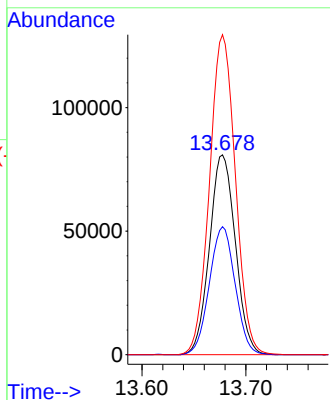
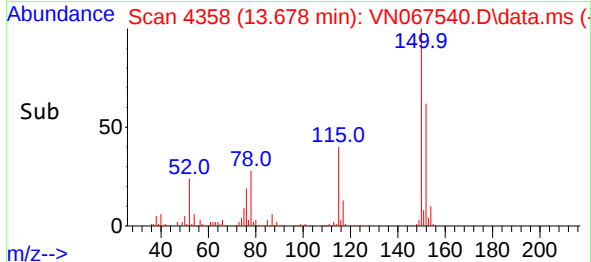
Instrument :
MSVOA_N
ClientSampled :
IBLK



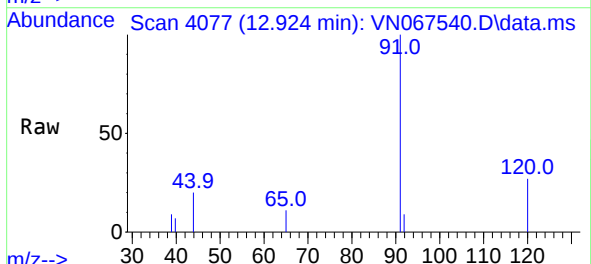
Tgt Ion:152 Resp: 140497
Ion Ratio Lower Upper
152 100
115 63.7 36.1 108.5
150 159.8 0.0 351.8

Manual Integrations
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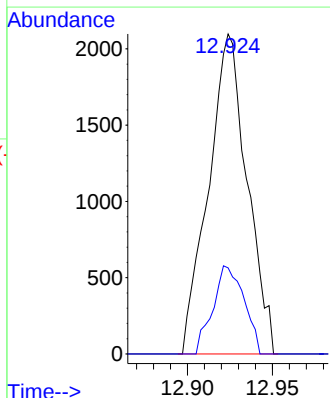
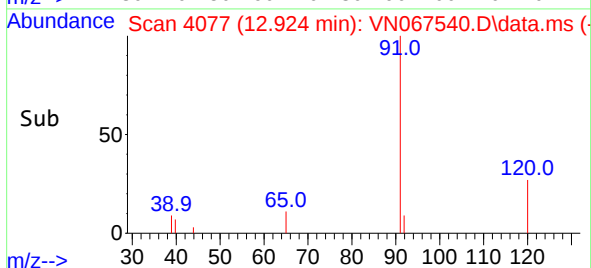
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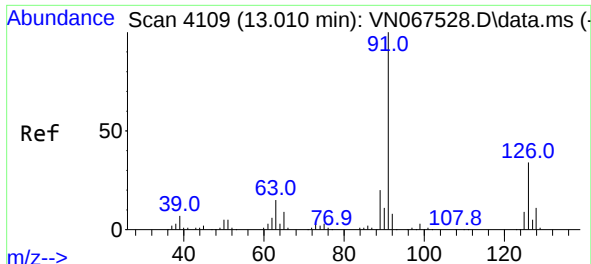


#78
n-propylbenzene
Concen: 0.251 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. 0.003 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

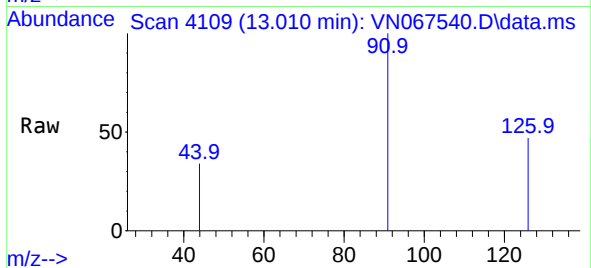


Tgt Ion: 91 Resp: 3308
Ion Ratio Lower Upper
91 100
120 22.2 10.4 31.4

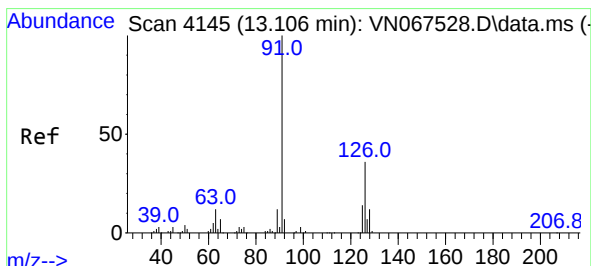
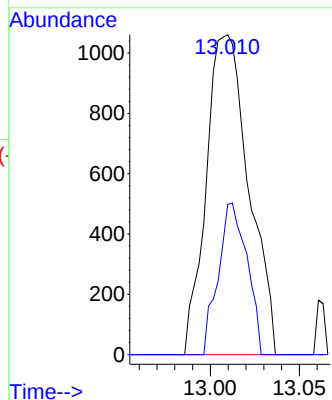
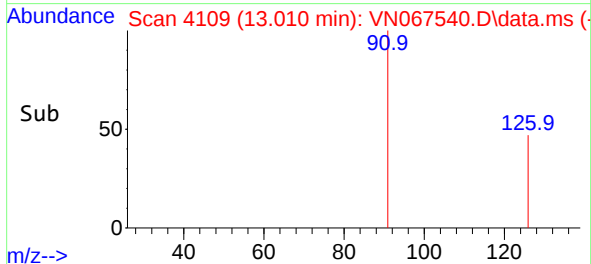




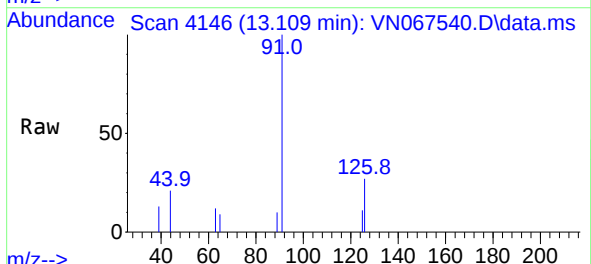
#79
2-Chlorotoluene
Concen: 0.219 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04



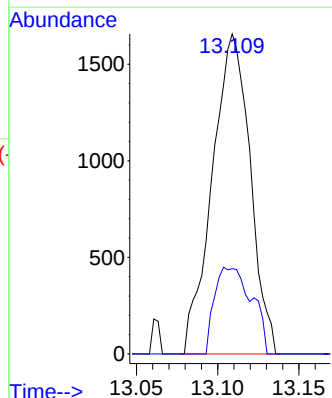
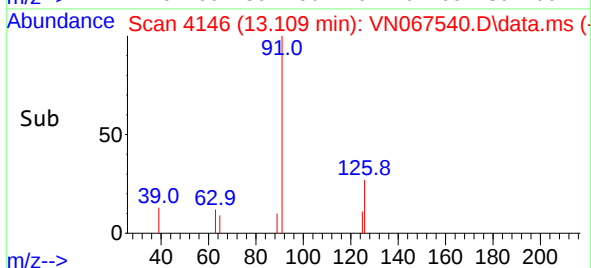
Tgt Ion: 91 Resp: 1764
Ion Ratio Lower Upper
91 100
126 31.9 14.5 43.5



#82
4-Chlorotoluene
Concen: 0.342 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04



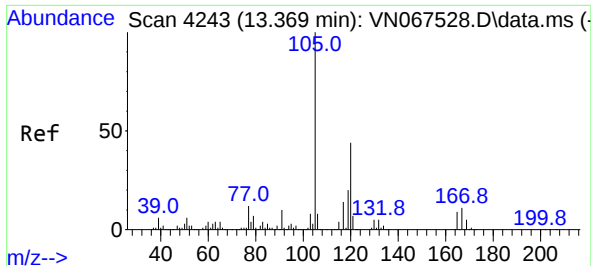
Tgt Ion: 91 Resp: 2692
Ion Ratio Lower Upper
91 100
126 26.2 14.8 44.4



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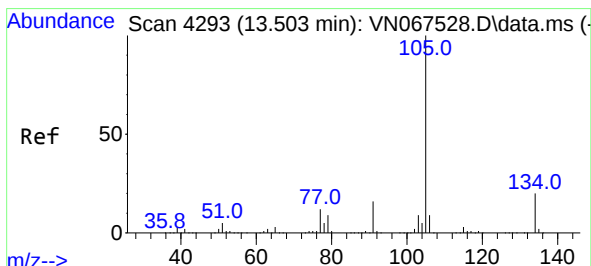
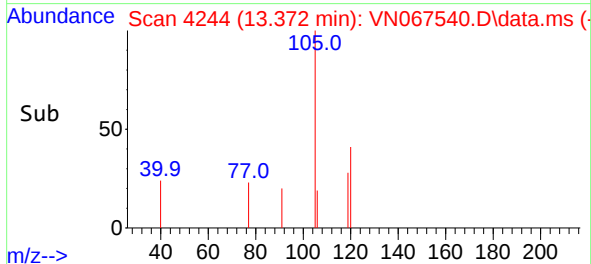
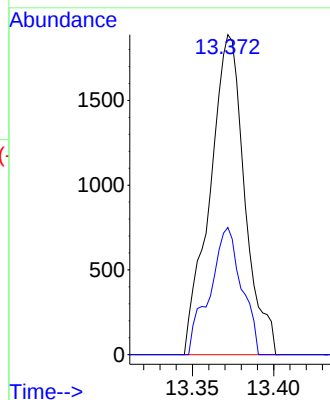
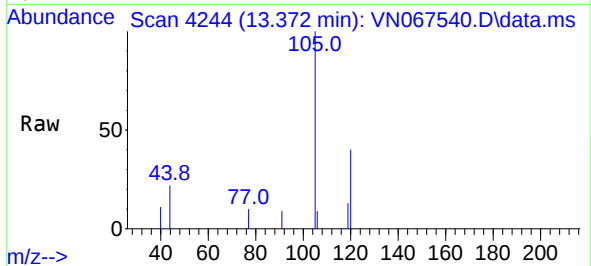
#84
1,2,4-Trimethylbenzene
Concen: 0.295 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

Tgt Ion:105 Resp: 2817
Ion Ratio Lower Upper
105 100
120 36.3 20.6 61.8

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MSVOA_N
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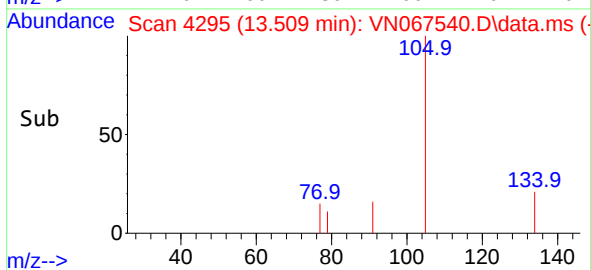
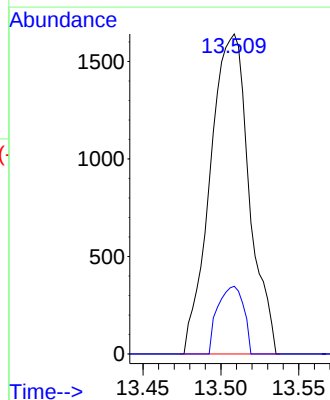
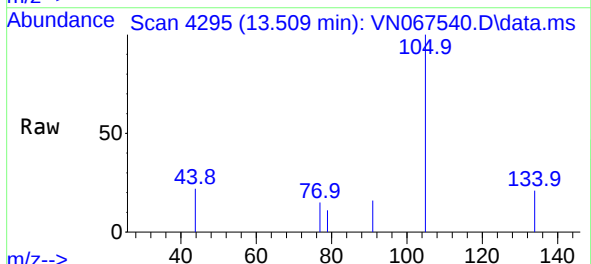
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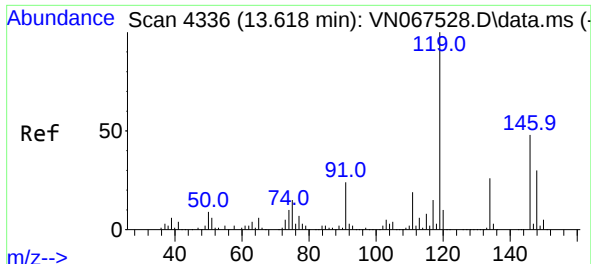
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#85
sec-Butylbenzene
Concen: 0.248 ug/l
RT: 13.509 min Scan# 4295
Delta R.T. 0.006 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

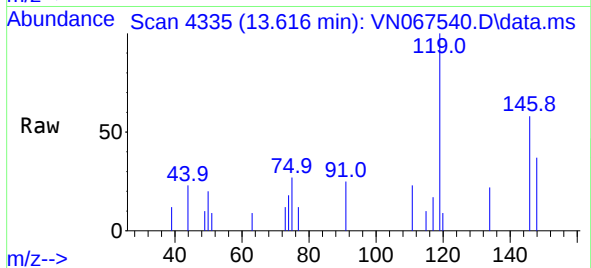
Tgt Ion:105 Resp: 2860
Ion Ratio Lower Upper
105 100
134 13.9 9.0 27.1





#86
p-Isopropyltoluene
Concen: 0.290 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

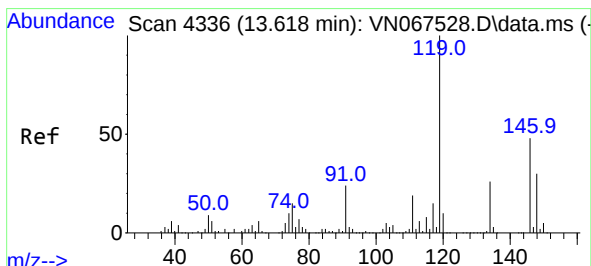
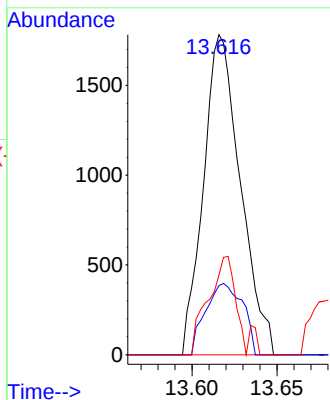
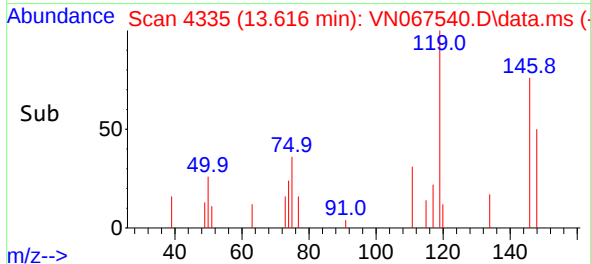
Instrument :
MSVOA_N
ClientSampled :
IBLK



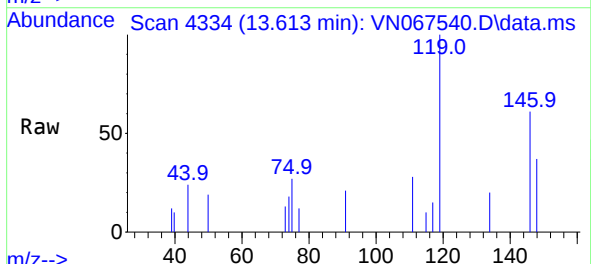
Tgt Ion:119 Resp: 2695
Ion Ratio Lower Upper
119 100
134 22.3 12.4 37.4
91 22.5 14.8 44.3

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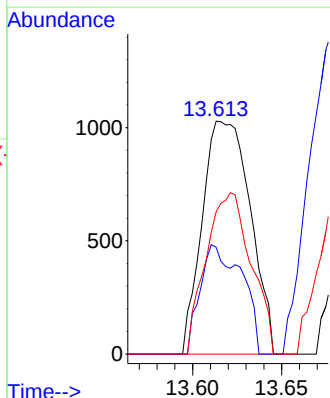
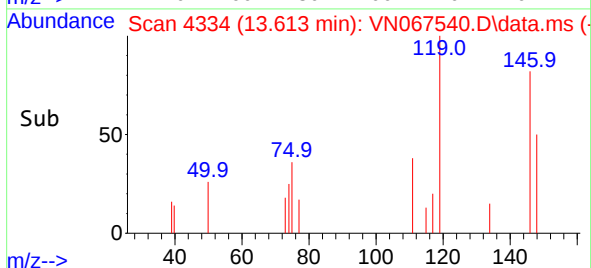
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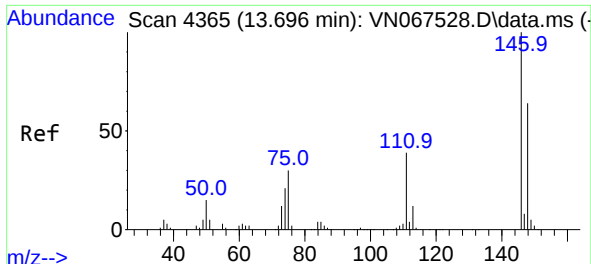


#87
1,3-Dichlorobenzene
Concen: 0.398 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. -0.005 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04



Tgt Ion:146 Resp: 1933
Ion Ratio Lower Upper
146 100
111 40.5 24.3 72.8
148 64.8 32.0 96.0





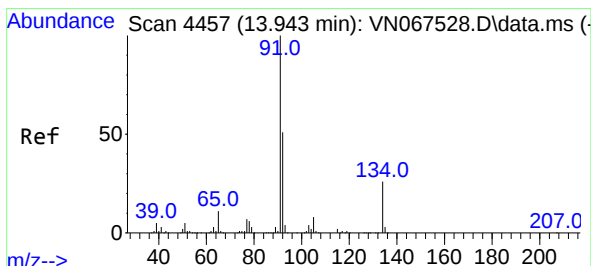
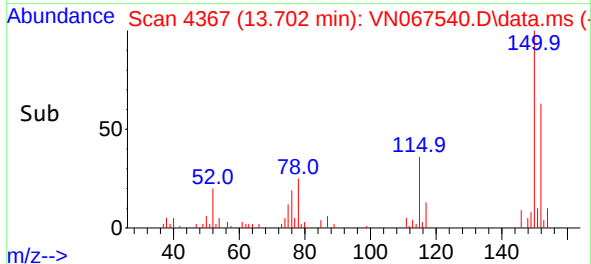
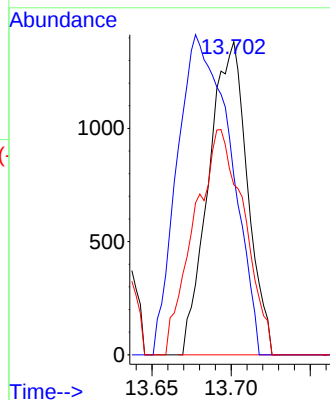
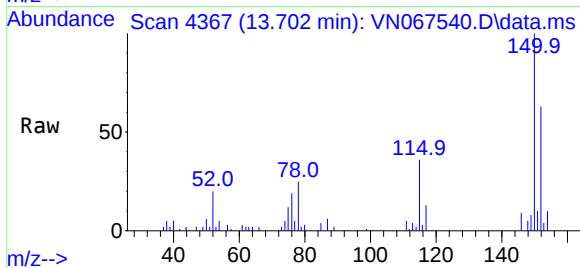
#88
1,4-Dichlorobenzene
Concen: 0.491 ug/l m
RT: 13.702 min Scan# 4367
Delta R.T. 0.006 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

Tgt Ion:	146	Resp:	2354
Ion	Ratio	Lower	Upper
146	100		
111	33.3	23.4	70.2
148	53.2	31.8	95.3

Instrument :
MSVOA_N
ClientSampled :
IBLK

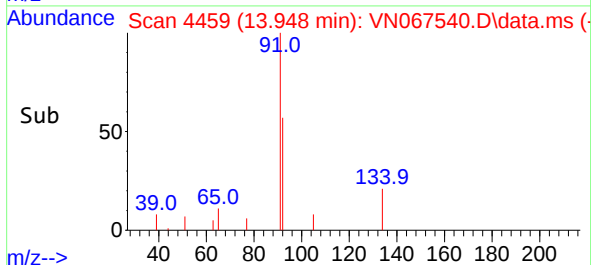
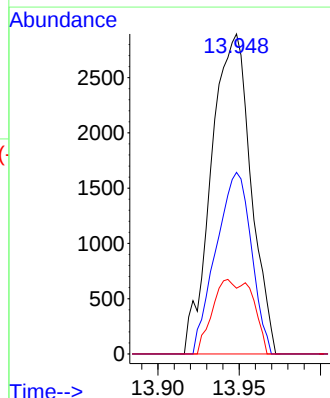
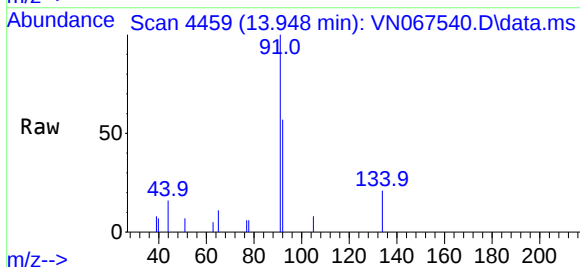
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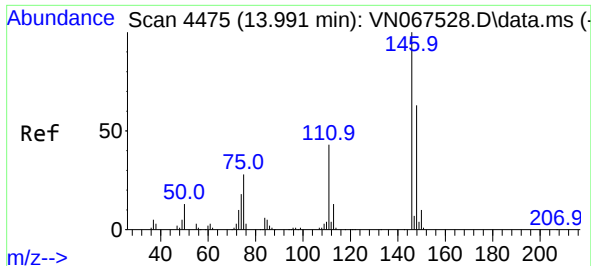
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#89
n-Butylbenzene
Concen: 0.639 ug/l
RT: 13.948 min Scan# 4459
Delta R.T. 0.005 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

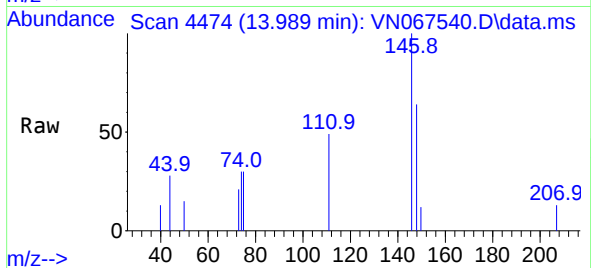
Tgt Ion:	91	Resp:	4893
Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.7	77.1
134	14.3	11.2	33.6





#91
1,2-Dichlorobenzene
Concen: 0.451 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

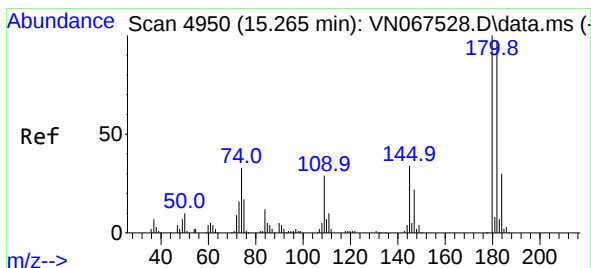
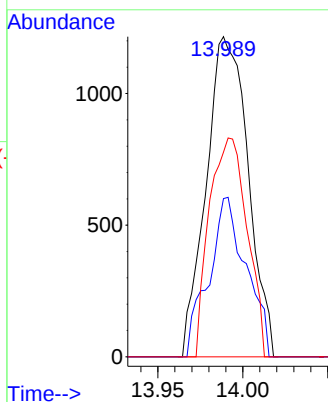
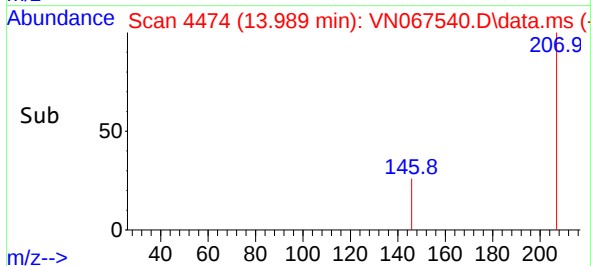
Instrument :
MSVOA_N
ClientSampled :
IBLK



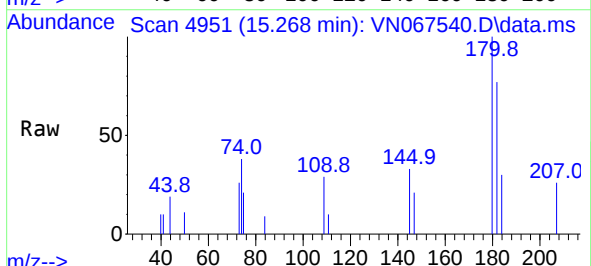
Tgt Ion:146 Resp: 2087
Ion Ratio Lower Upper
146 100
111 44.7 24.9 74.6
148 61.6 31.6 95.0

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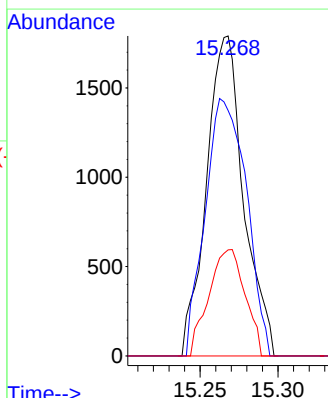
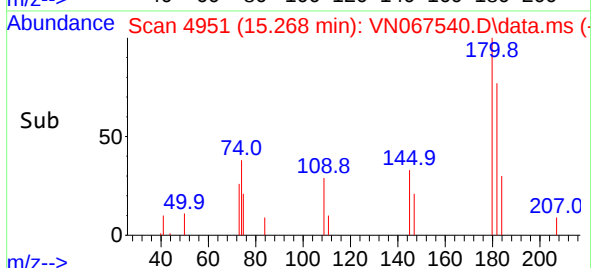
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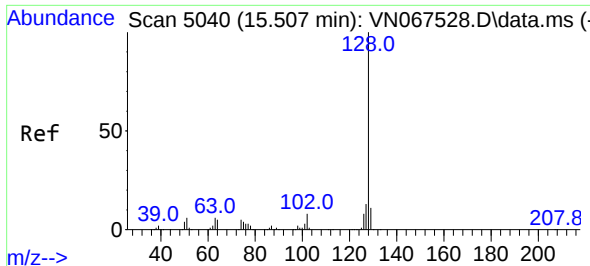


#93
1,2,4-Trichlorobenzene
Concen: 1.458 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04



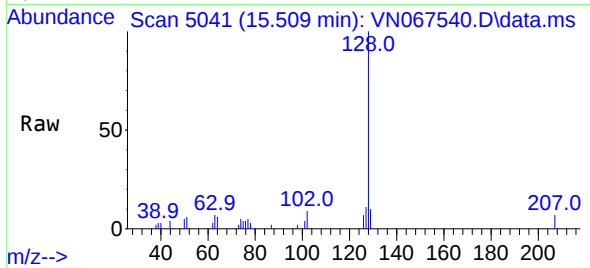
Tgt Ion:180 Resp: 2967
Ion Ratio Lower Upper
180 100
182 89.2 47.5 142.5
145 32.5 17.2 51.6





#95
Naphthalene
Concen: 5.257 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

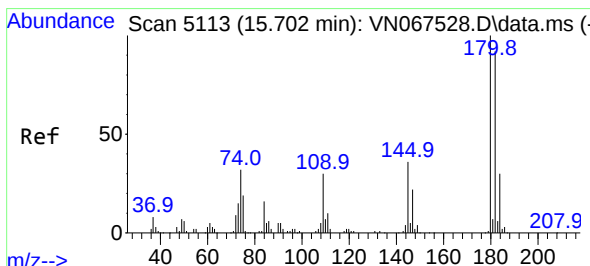
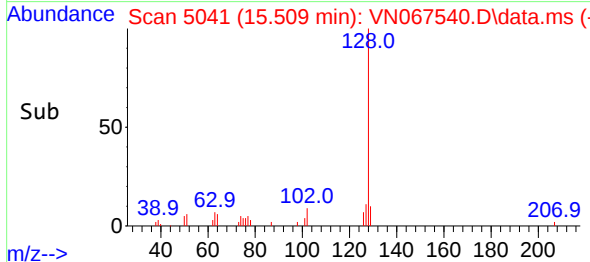
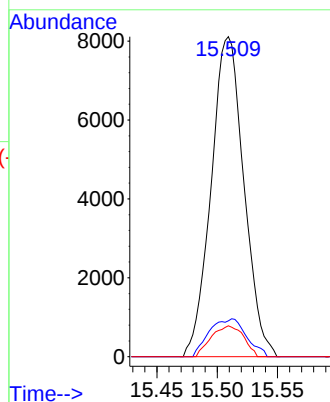
Instrument :
MSVOA_N
ClientSampled :
IBLK



Tgt Ion:	128	Resp:	15344
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	9.5	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 1.897 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN067540.D
Acq: 28 Jun 2021 19:04

Tgt Ion:	180	Resp:	3779
Ion	Ratio	Lower	Upper
180	100		
182	79.8	47.8	143.3
145	33.8	18.2	54.6

