

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042321\
 Data File : VN066740.D
 Acq On : 23 Apr 2021 16:13
 Operator : JC/MD
 Sample : M2047-06 10X
 Misc : 6.97g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 124-SB-1

Quant Time: Apr 26 03:17:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 22 08:25:55 2021
 Response via : Initial Calibration

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

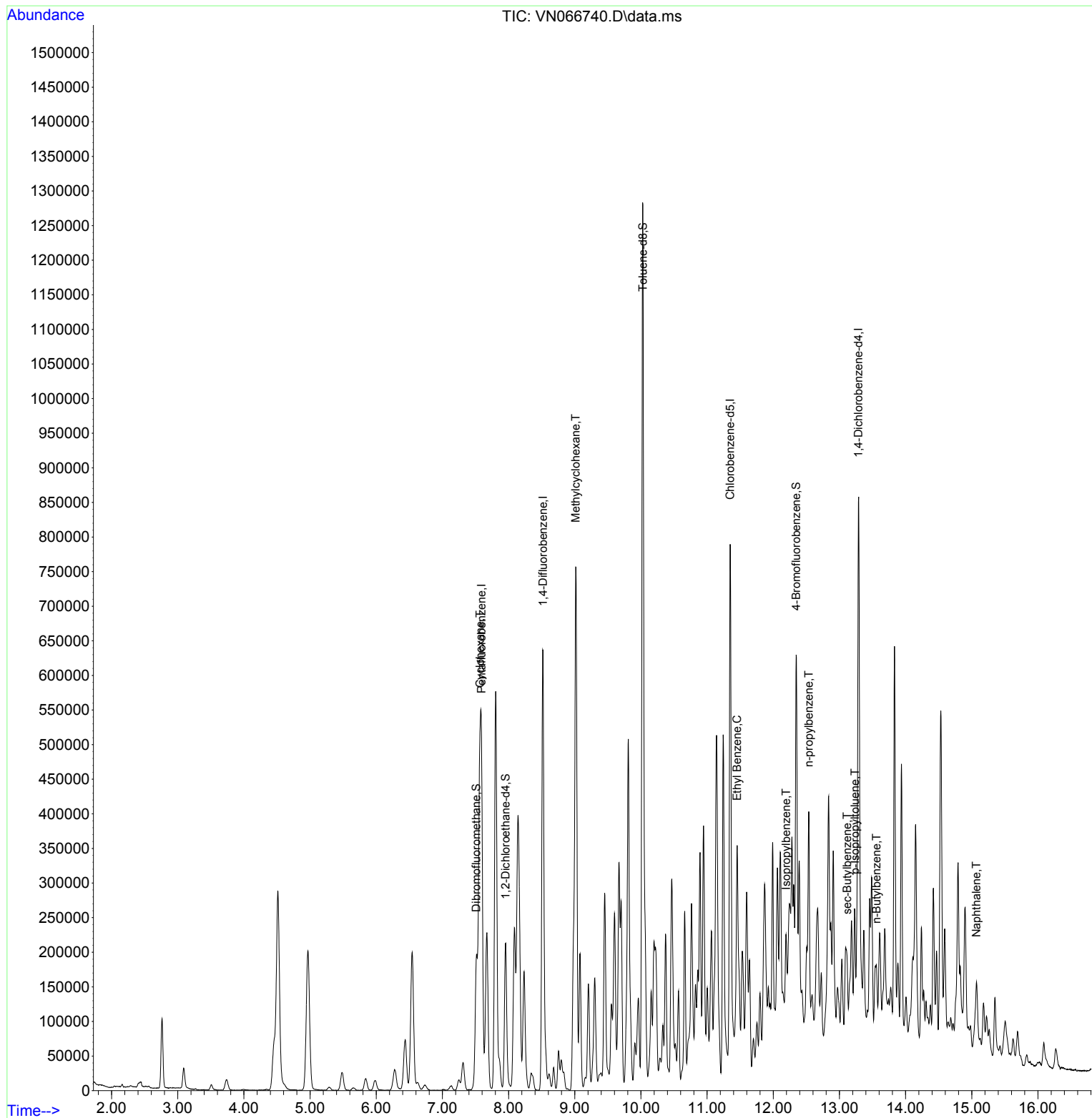
Internal Standards						
1) Pentafluorobenzene	7.591	168	327664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	493749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	456392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.288	152	230111	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	179767	44.91	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.82%
35) Dibromofluoromethane	7.513	113	147759	47.79	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.58%
50) Toluene-d8	10.029	98	632070	52.42	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.84%
62) 4-Bromofluorobenzene	12.346	95	206695	50.05	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.10%
Target Compounds						
					Qvalue	
31) Cyclohexane	7.567	56	140280	21.50	ug/l #	65
39) Methylcyclohexane	9.015	83	303216	55.71	ug/l	91
67) Ethyl Benzene	11.453	91	211130	13.24	ug/l	99
73) Isopropylbenzene	12.193	105	86377	5.28	ug/l	98
78) n-propylbenzene	12.537	91	293424	16.10	ug/l	98
85) sec-Butylbenzene	13.116	105	47508	3.05	ug/l #	58
86) p-Isopropyltoluene	13.234	119	14006	1.08	ug/l	98
89) n-Butylbenzene	13.561	91	53197	4.61	ug/l #	81
95) Naphthalene	15.071	128	84337	9.51	ug/l	99

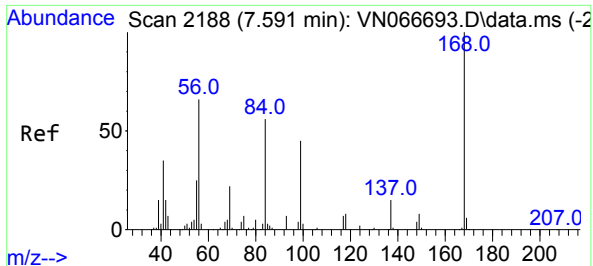
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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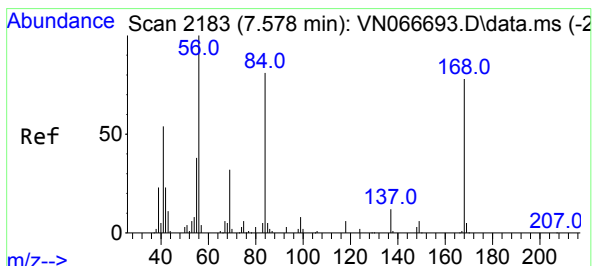
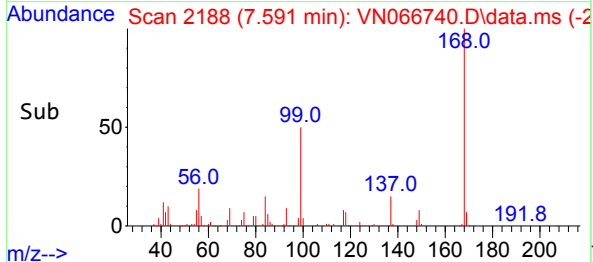
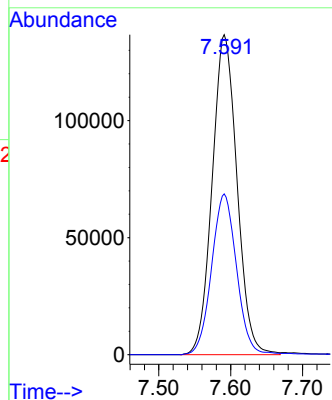
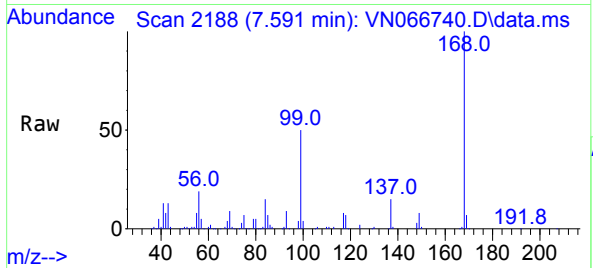




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

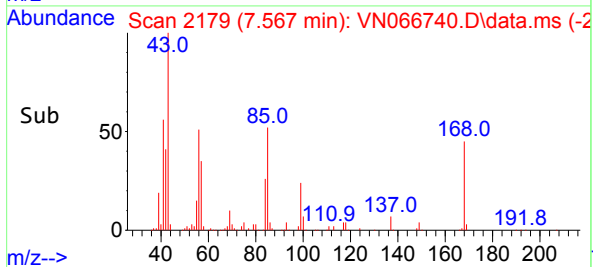
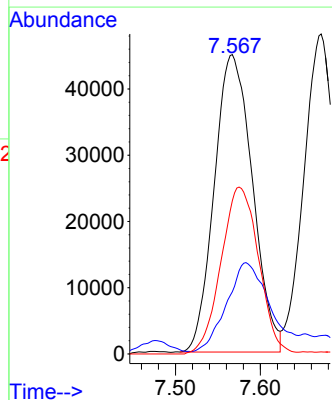
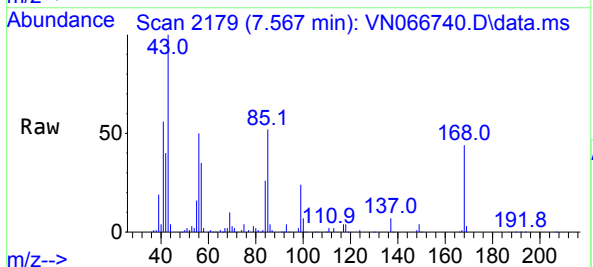
Instrument :
MSVOA_N
ClientSampled :
124-SB-1

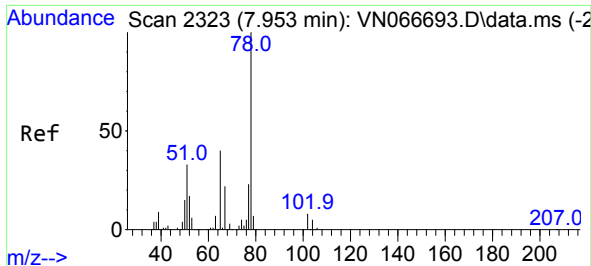
Tgt Ion:168 Resp: 327664
Ion Ratio Lower Upper
168 100
99 50.3 42.6 63.8



#31
Cyclohexane
Concen: 21.50 ug/l
RT: 7.567 min Scan# 2179
Delta R.T. -0.011 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

Tgt Ion: 56 Resp: 140280
Ion Ratio Lower Upper
56 100
69 19.5 26.6 39.8#
84 51.5 70.4 105.6#

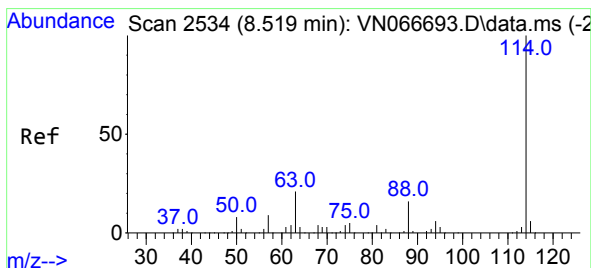
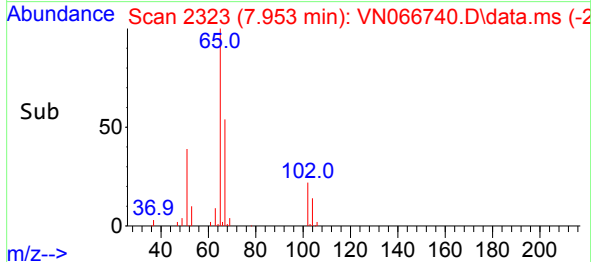
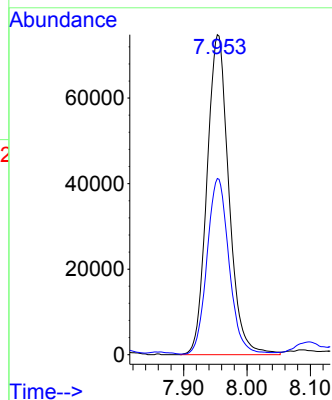
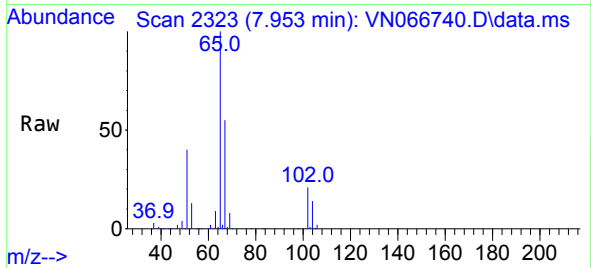




#33
1,2-Dichloroethane-d4
Concen: 44.91 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

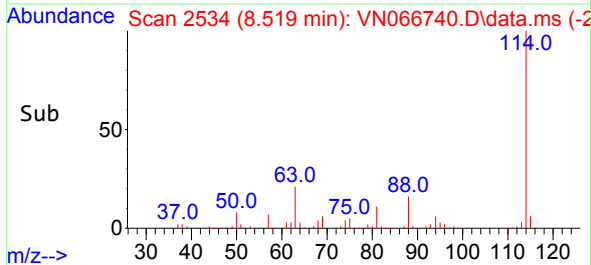
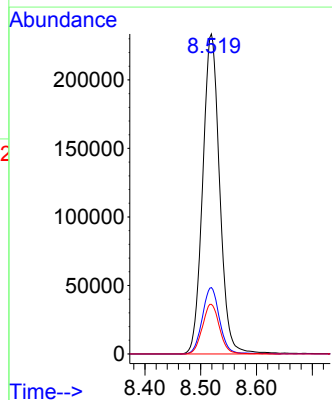
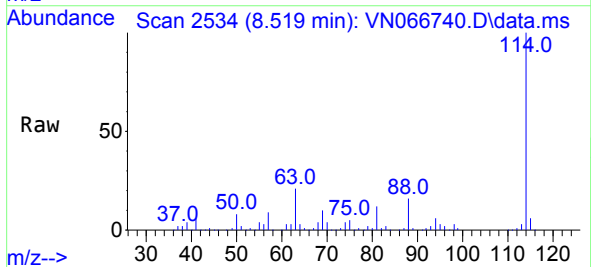
Instrument :
MSVOA_N
ClientSampled :
124-SB-1

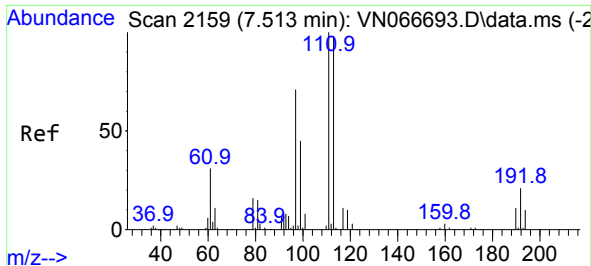
Tgt Ion: 65 Resp: 179767
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

Tgt Ion:114 Resp: 493749
Ion Ratio Lower Upper
114 100
63 20.7 0.0 38.6
88 15.5 0.0 30.6

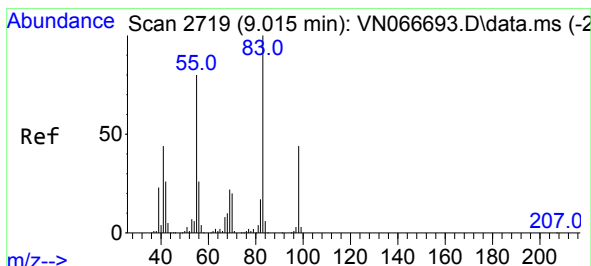
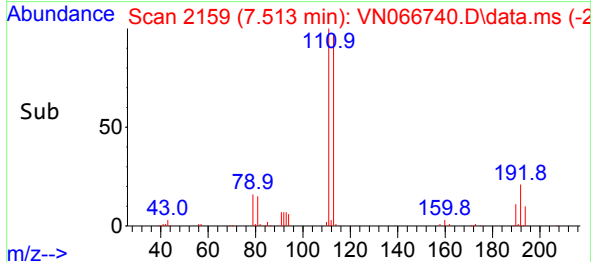
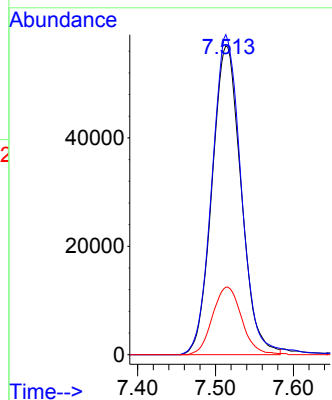
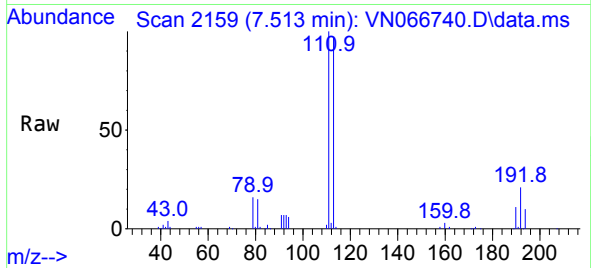




#35
Dibromofluoromethane
Concen: 47.79 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

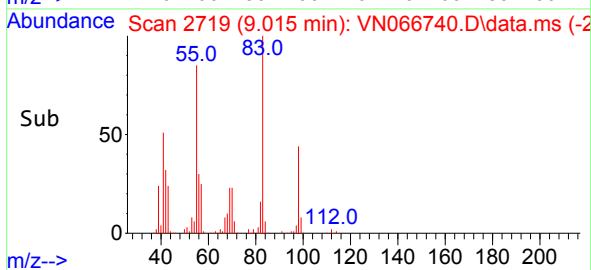
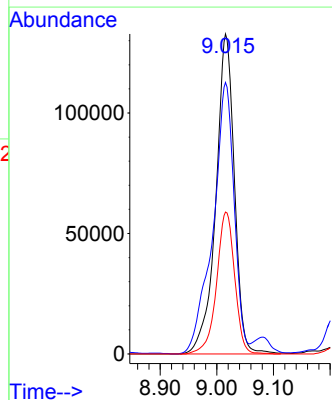
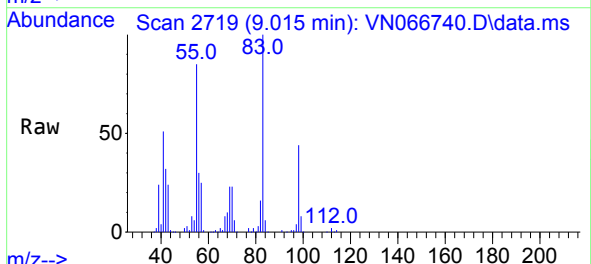
Instrument :
MSVOA_N
ClientSampleId :
124-SB-1

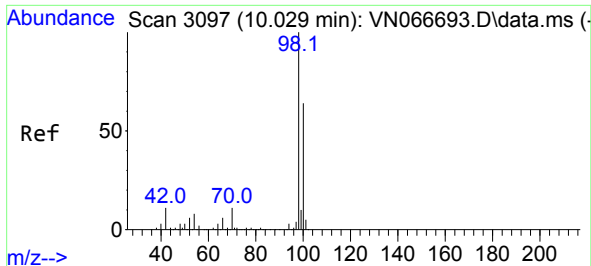
Tgt Ion:113 Resp: 147759
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.2
192 21.9 15.4 23.0



#39
Methylcyclohexane
Concen: 55.71 ug/l
RT: 9.015 min Scan# 2719
Delta R.T. 0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

Tgt Ion: 83 Resp: 303216
Ion Ratio Lower Upper
83 100
55 84.7 58.9 88.3
98 44.3 35.9 53.9

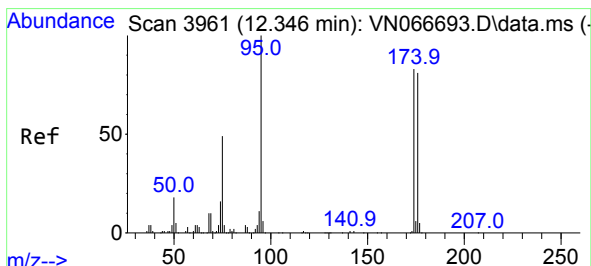
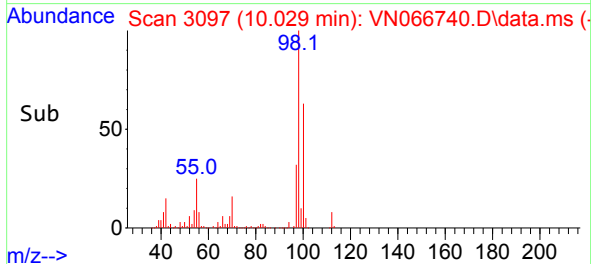
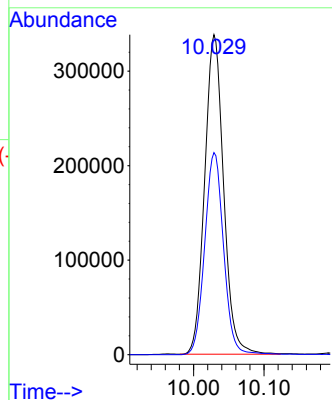
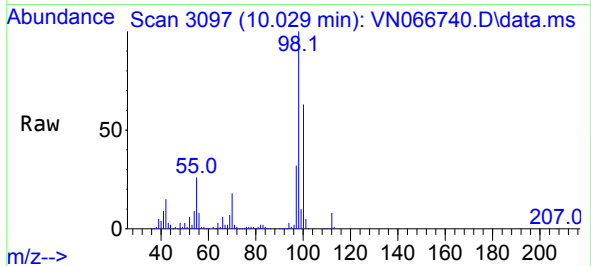




#50
Toluene-d8
Concen: 52.42 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

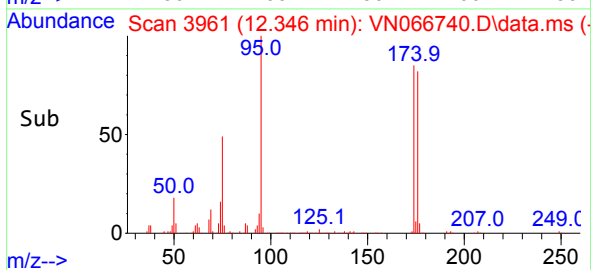
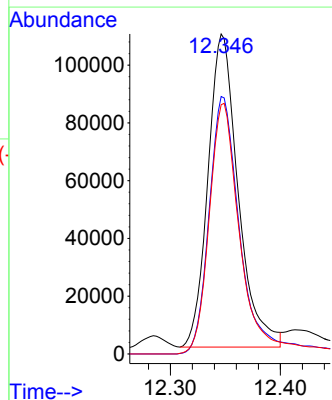
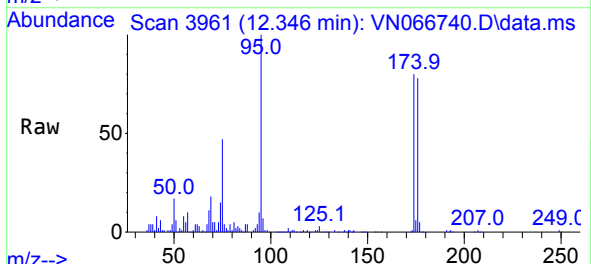
Instrument :
MSVOA_N
ClientSampleId :
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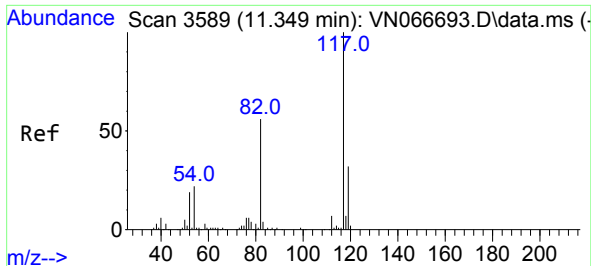
Tgt Ion: 98 Resp: 632070
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 50.05 ug/l
RT: 12.346 min Scan# 3961
Delta R.T. 0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

Tgt Ion: 95 Resp: 206695
Ion Ratio Lower Upper
95 100
174 87.6 0.0 169.0
176 83.1 0.0 162.4

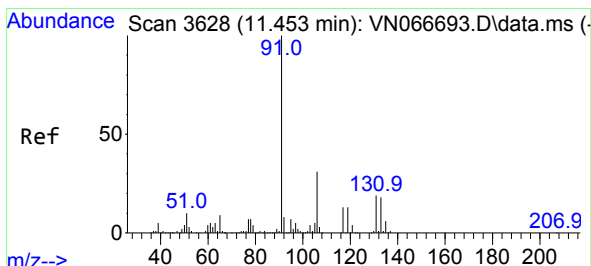
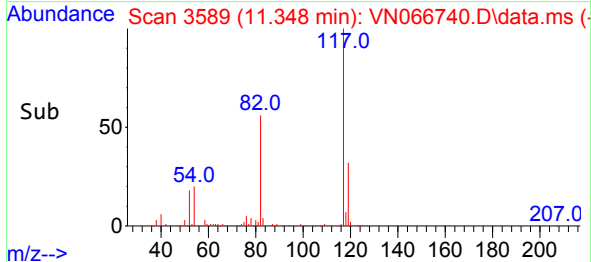
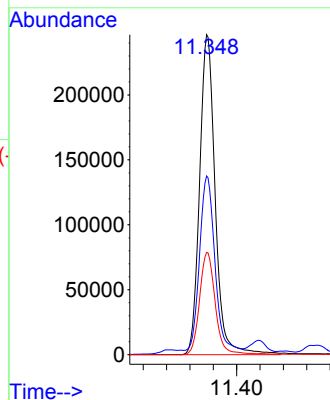
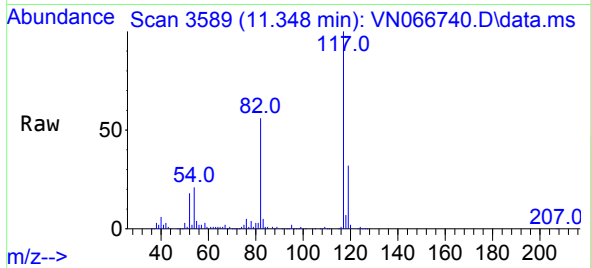




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.348 min Scan# 3589
Delta R.T. -0.001 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

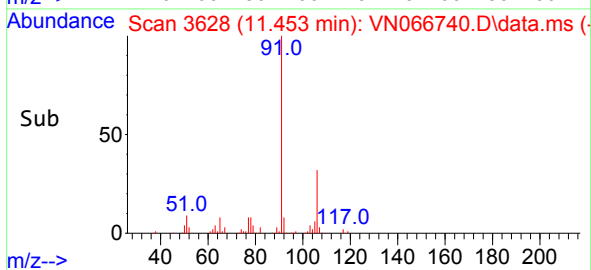
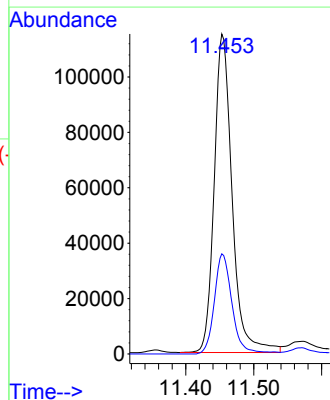
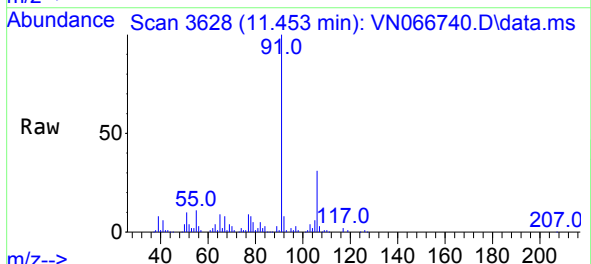
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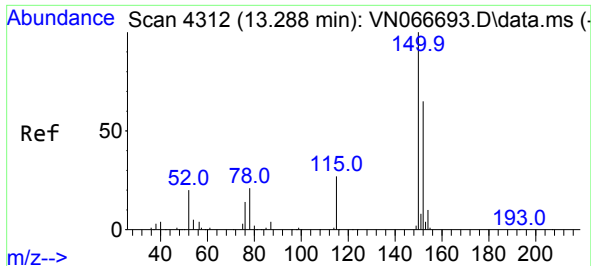
Tgt Ion:117 Resp: 456392
Ion Ratio Lower Upper
117 100
82 54.8 43.7 65.5
119 31.9 26.1 39.1



#67
Ethyl Benzene
Concen: 13.24 ug/l
RT: 11.453 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

Tgt Ion: 91 Resp: 211130
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

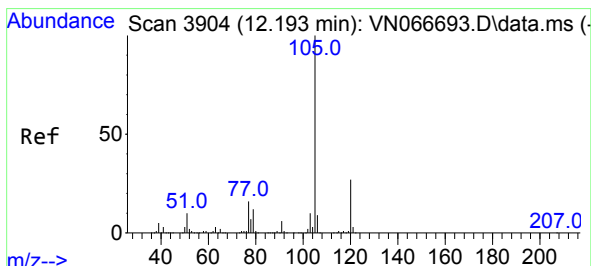
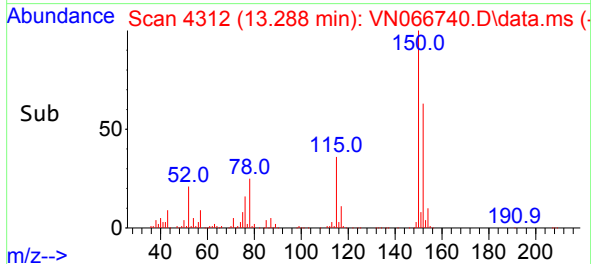
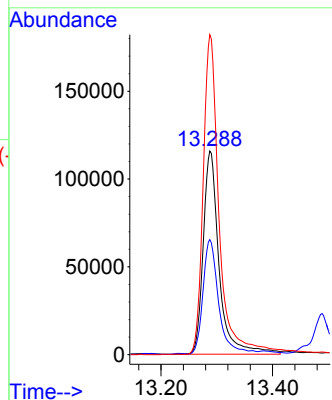
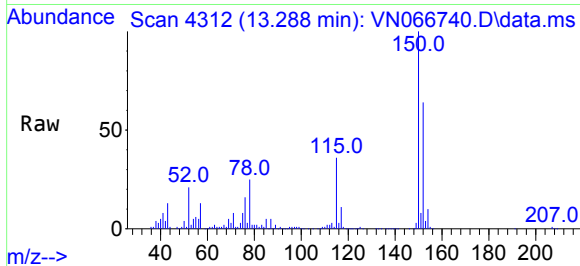




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.288 min Scan# 4312
Delta R.T. -0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

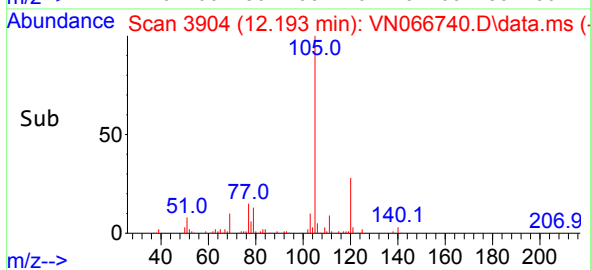
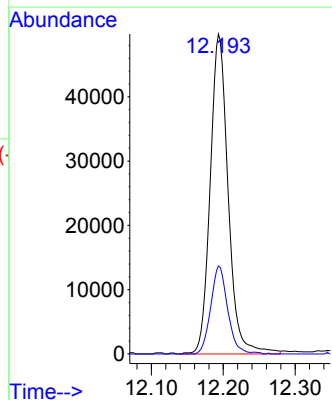
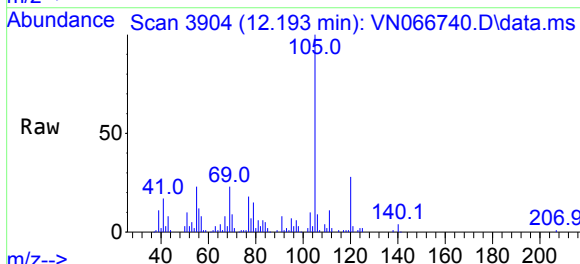
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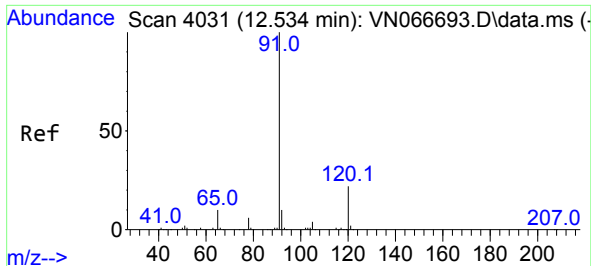
Tgt Ion:152 Resp: 230111
Ion Ratio Lower Upper
152 100
115 54.2 28.5 85.6
150 160.0 0.0 347.6



#73
Isopropylbenzene
Concen: 5.28 ug/l
RT: 12.193 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

Tgt Ion:105 Resp: 86377
Ion Ratio Lower Upper
105 100
120 25.8 13.3 39.9

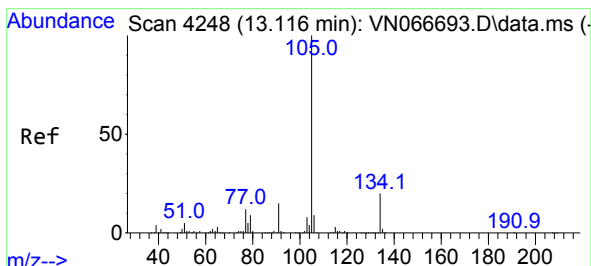
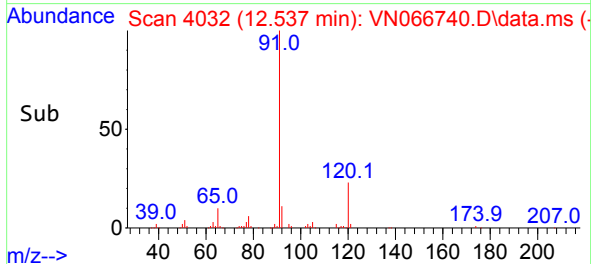
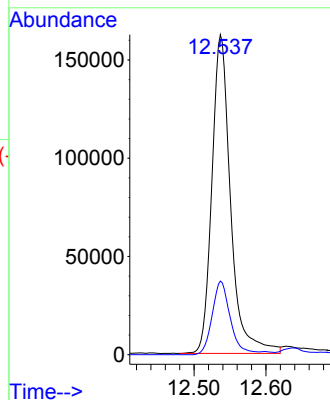
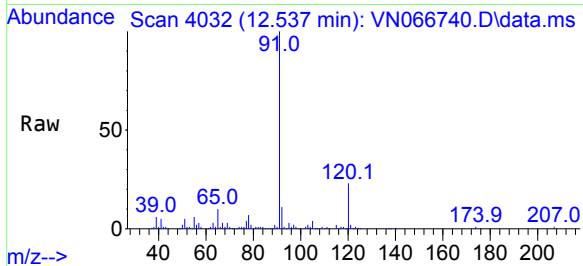




#78
n-propylbenzene
Concen: 16.10 ug/l
RT: 12.537 min Scan# 4032
Delta R.T. 0.003 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

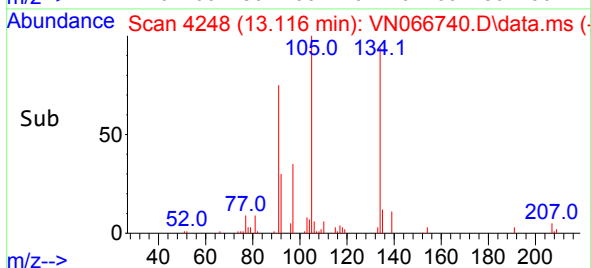
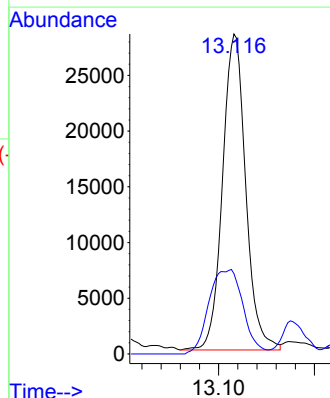
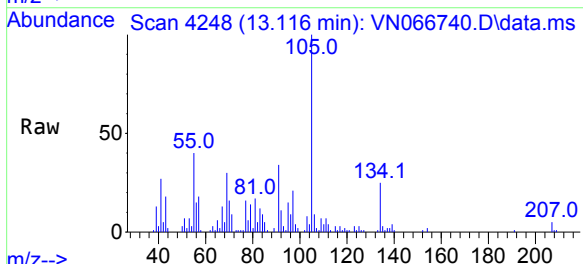
Instrument :
MSVOA_N
ClientSampled :
124-SB-1

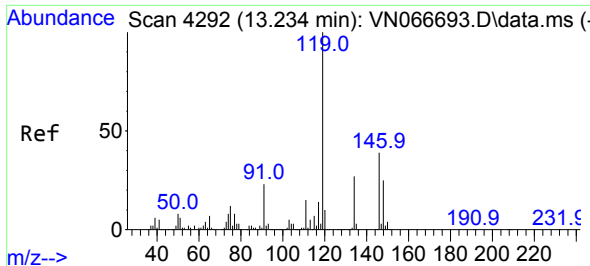
Tgt Ion: 91 Resp: 293424
Ion Ratio Lower Upper
91 100
120 22.4 11.8 35.3



#85
sec-Butylbenzene
Concen: 3.05 ug/l
RT: 13.116 min Scan# 4248
Delta R.T. -0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

Tgt Ion: 105 Resp: 47508
Ion Ratio Lower Upper
105 100
134 39.3 10.0 30.0#

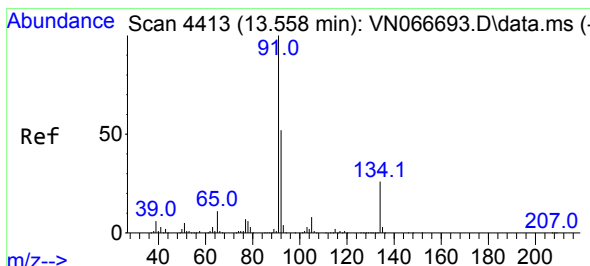
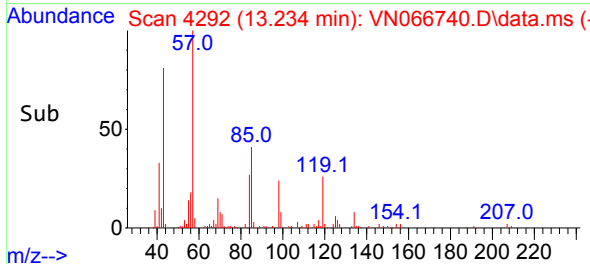
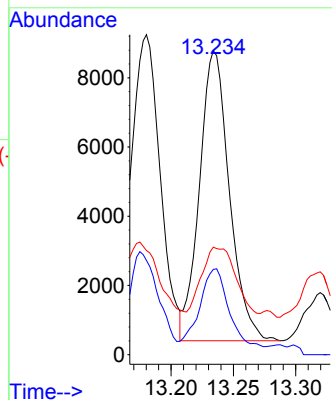
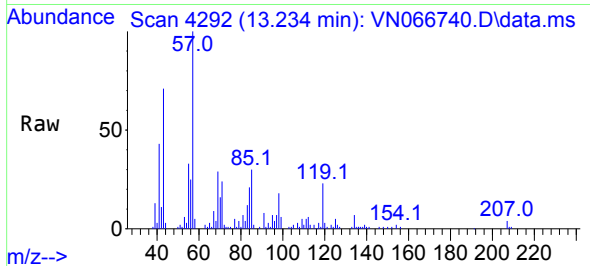




#86
p-Isopropyltoluene
Concen: 1.08 ug/l
RT: 13.234 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

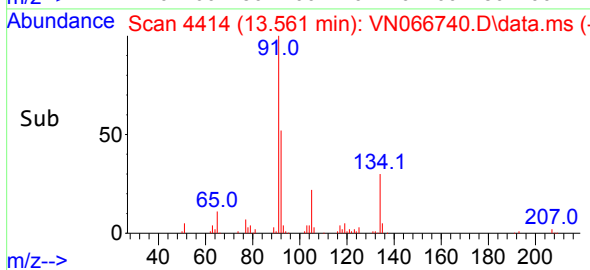
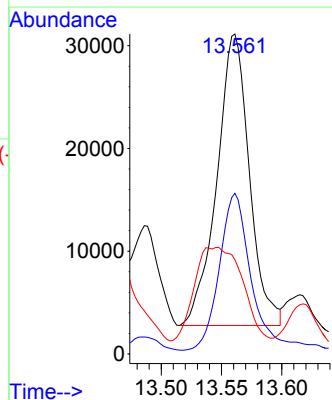
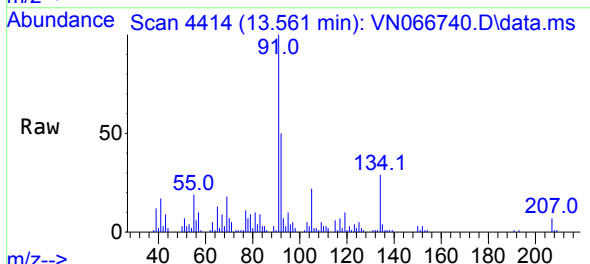
Instrument :
MSVOA_N
ClientSampled :
124-SB-1

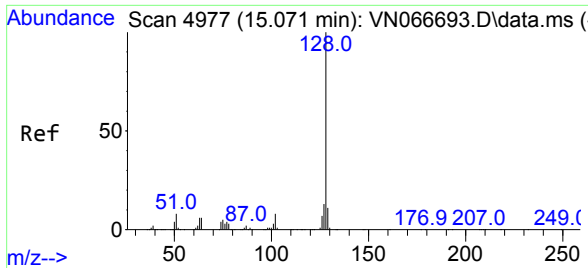
Tgt Ion: 119 Resp: 14006
Ion Ratio Lower Upper
119 100
134 26.3 13.3 39.8
91 25.8 11.8 35.3



#89
n-Butylbenzene
Concen: 4.61 ug/l
RT: 13.561 min Scan# 4414
Delta R.T. 0.003 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

Tgt Ion: 91 Resp: 53197
Ion Ratio Lower Upper
91 100
92 54.4 26.1 78.3
134 0.0 13.0 38.9#





#95
Naphthalene
Concen: 9.51 ug/l
RT: 15.071 min Scan# 4977
Delta R.T. 0.000 min
Lab File: VN066740.D
Acq: 23 Apr 2021 16:13

Instrument :
MSVOA_N
ClientSampleId :
124-SB-1

Tgt Ion:	128	Resp:	84337
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.2
129	10.3	8.6	13.0

