

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066382.D
 Acq On : 29 Mar 2021 17:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 30 01:38:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

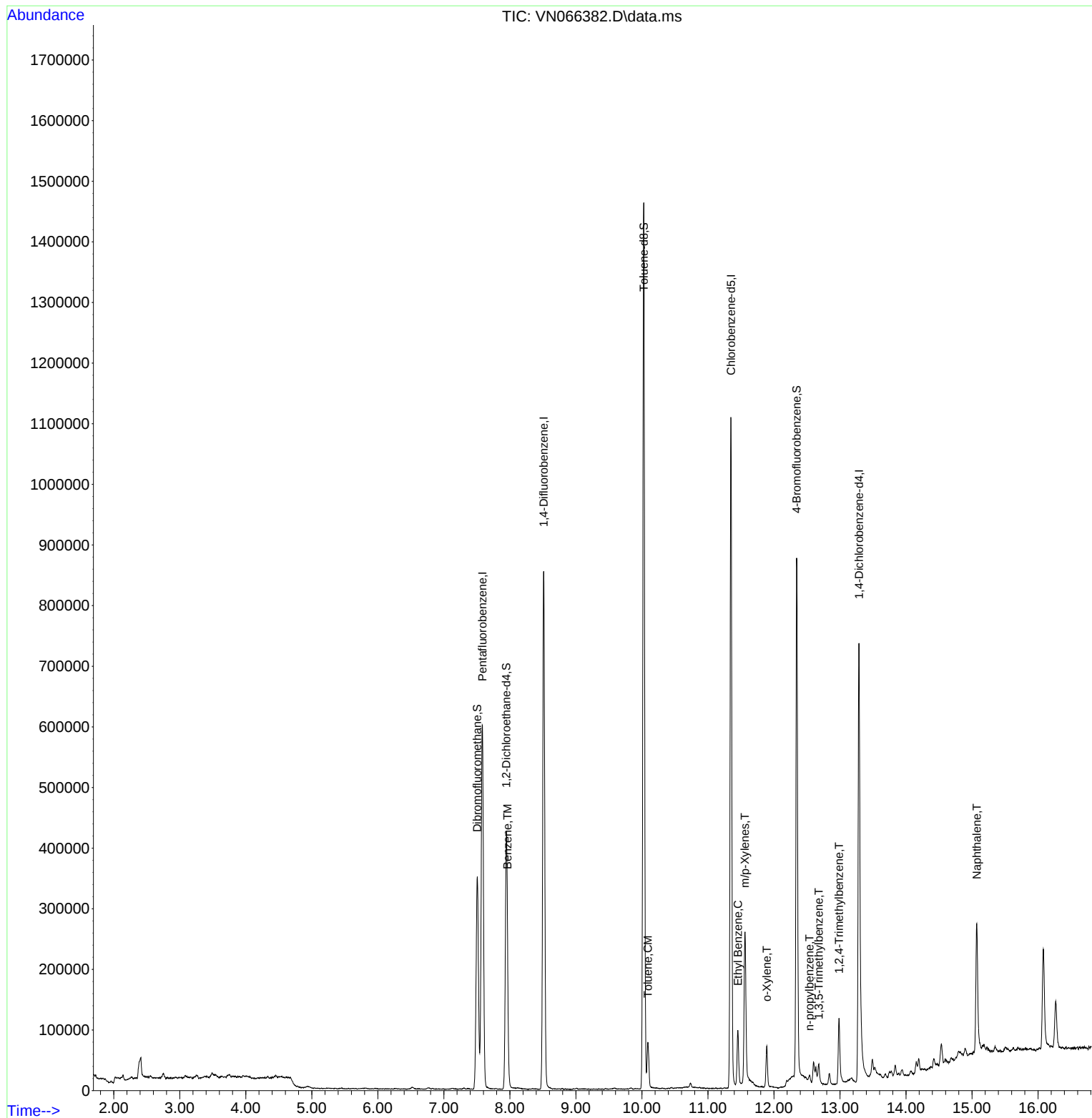
Internal Standards						
1) Pentafluorobenzene	7.584	168	526447	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	771405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	644528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	241232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	332202	47.47	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.94%
35) Dibromofluoromethane	7.507	113	265712	51.96	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.92%
50) Toluene-d8	10.028	98	1004268	51.77	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.54%
62) 4-Bromofluorobenzene	12.345	95	289079	42.91	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.82%
Target Compounds						
					Qvalue	
40) Benzene	7.962	78	43702	2.00	ug/l	100
52) Toluene	10.092	92	31075	2.31	ug/l	100
67) Ethyl Benzene	11.454	91	66507	2.85	ug/l	98
68) m/p-Xylenes	11.562	106	82485	9.31	ug/l	99
69) o-Xylene	11.892	106	18931	2.21	ug/l	100
78) n-propylbenzene	12.538	91	9762	0.50	ug/l	99
80) 1,3,5-Trimethylbenzene	12.680	105	19831	1.35	ug/l	87
84) 1,2,4-Trimethylbenzene	12.986	105	69804	4.90	ug/l	98
95) Naphthalene	15.072	128	222865	17.18	ug/l	100

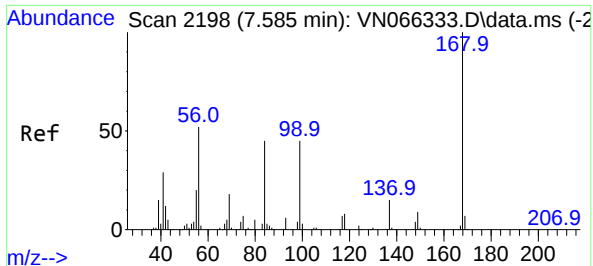
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
Data File : VN066382.D
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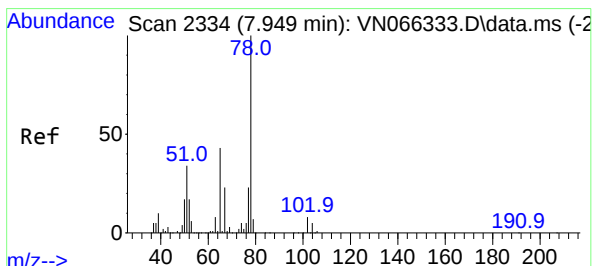
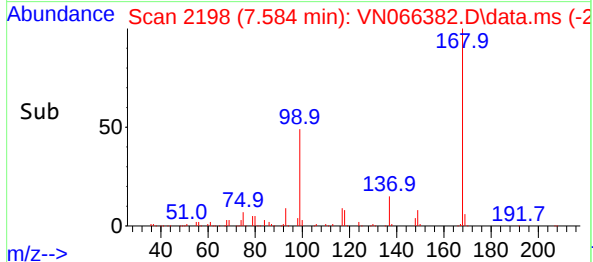
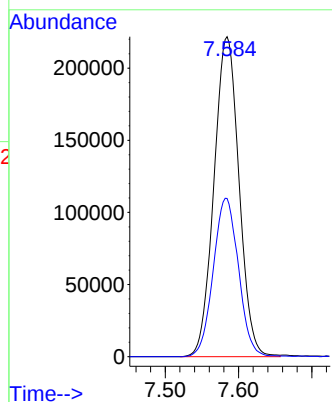
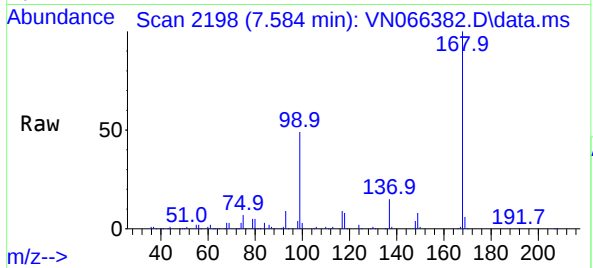




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

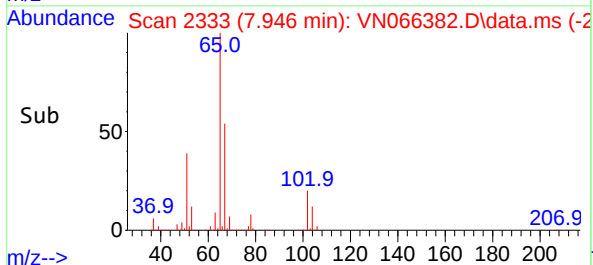
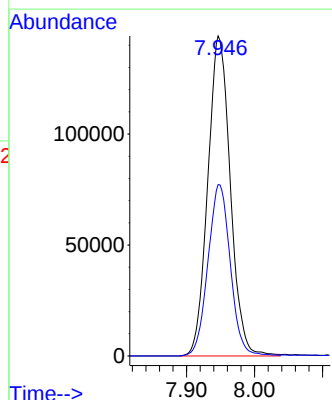
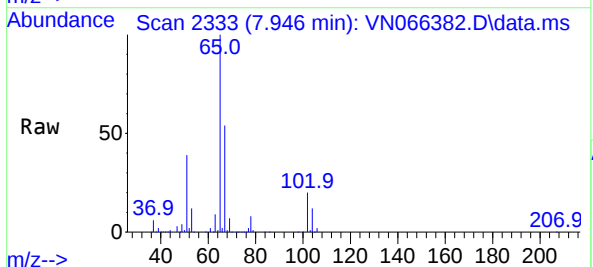
Instrument :
MSVOA_N
ClientSampled :
IBLK

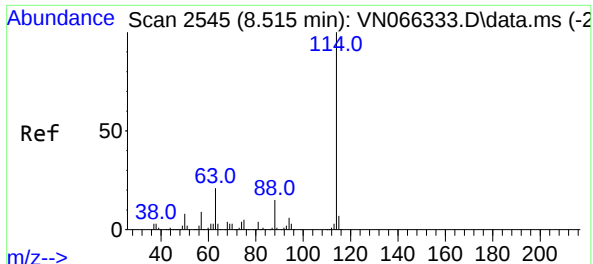
Tgt Ion:168 Resp: 526447
Ion Ratio Lower Upper
168 100
99 49.5 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 47.47 ug/l
RT: 7.946 min Scan# 2333
Delta R.T. -0.003 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

Tgt Ion: 65 Resp: 332202
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.2



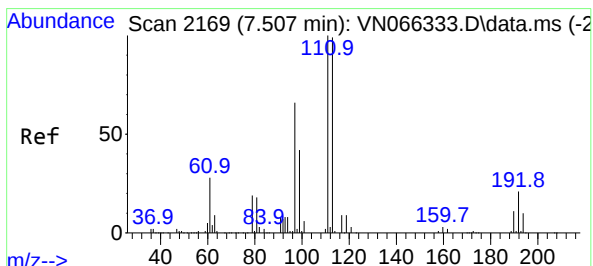
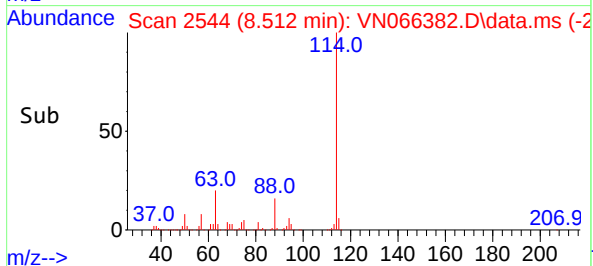
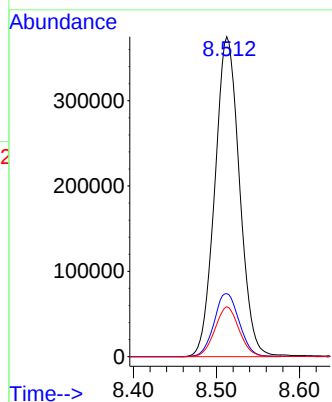
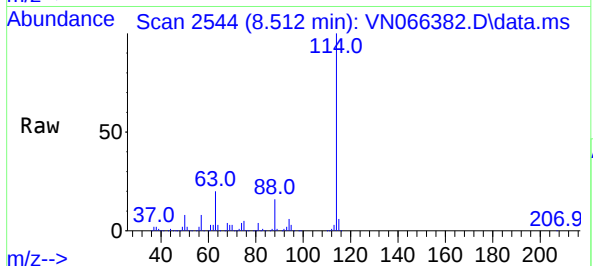


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.512 min Scan# 2544
Delta R.T. -0.003 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

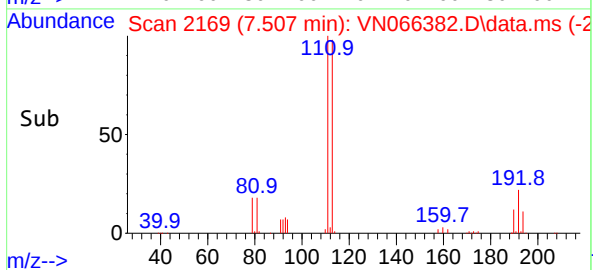
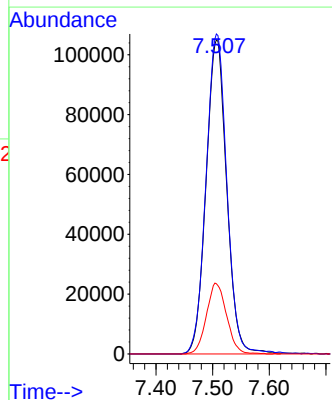
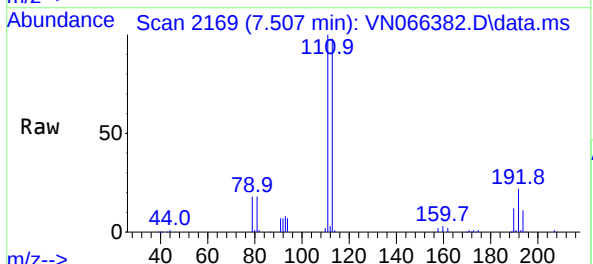
Tgt Ion:	114	Resp:	771405
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	42.0
88	15.6	0.0	31.0

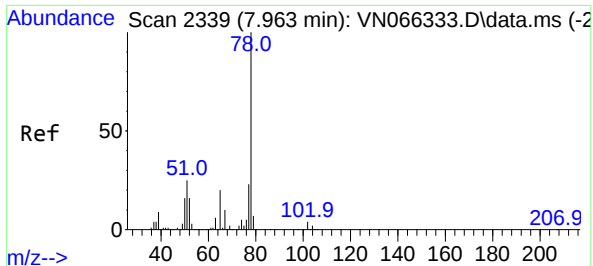


#35

Dibromofluoromethane
Concen: 51.96 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

Tgt Ion:	113	Resp:	265712
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	21.9	17.1	25.7

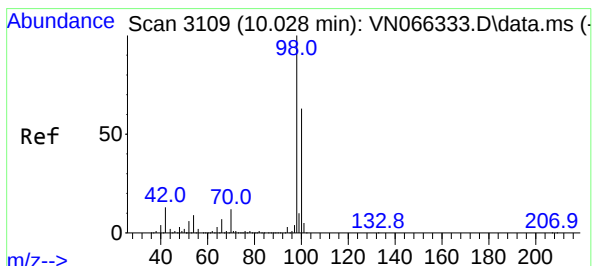
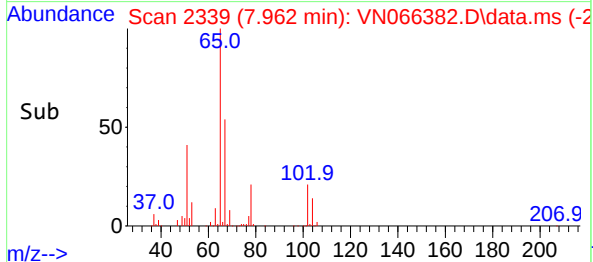
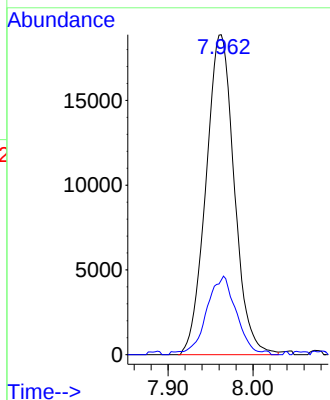
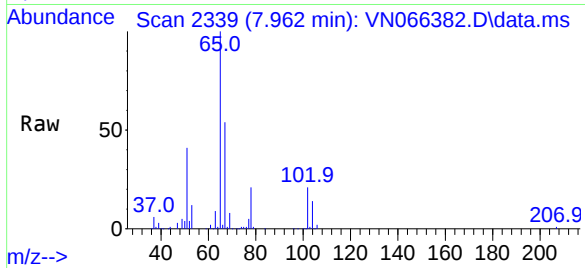




#40
Benzene
Concen: 2.00 ug/l
RT: 7.962 min Scan# 2339
Delta R.T. -0.000 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

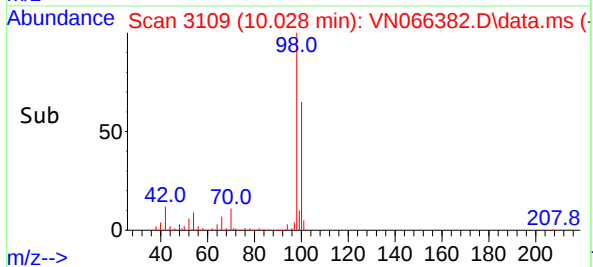
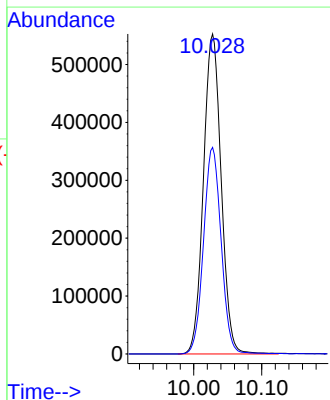
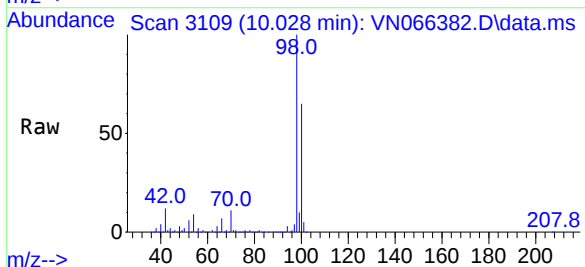
Instrument :
MSVOA_N
ClientSampled :
IBLK

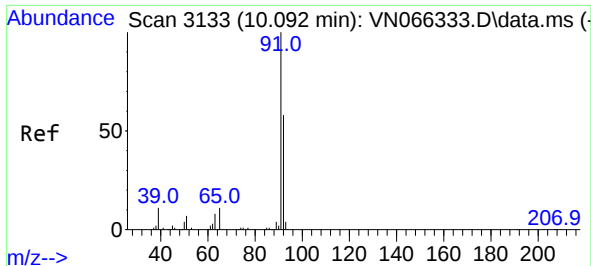
Tgt Ion: 78 Resp: 43702
Ion Ratio Lower Upper
78 100
77 23.3 18.7 28.1



#50
Toluene-d8
Concen: 51.77 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

Tgt Ion: 98 Resp: 1004268
Ion Ratio Lower Upper
98 100
100 64.0 50.5 75.7

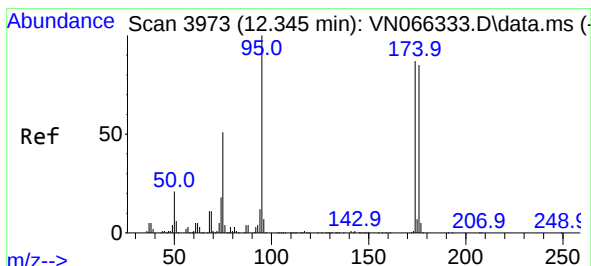
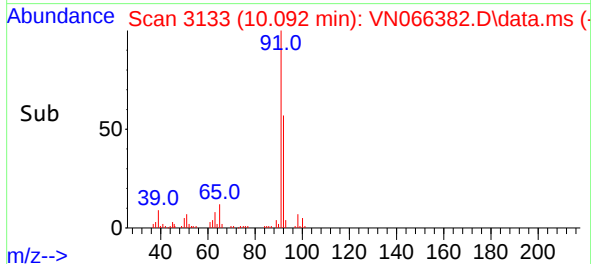
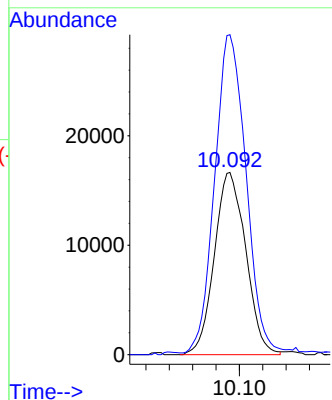
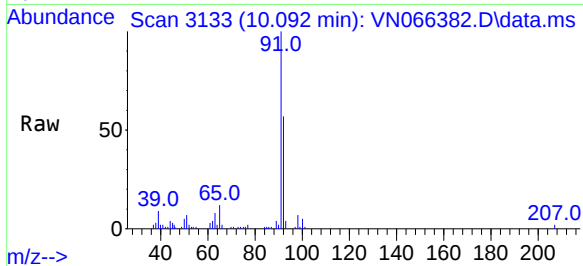




#52
Toluene
Concen: 2.31 ug/l
RT: 10.092 min Scan# 3133
Delta R.T. -0.000 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

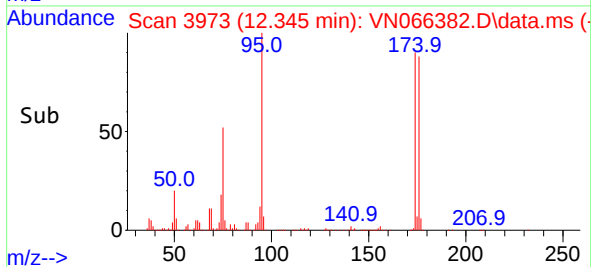
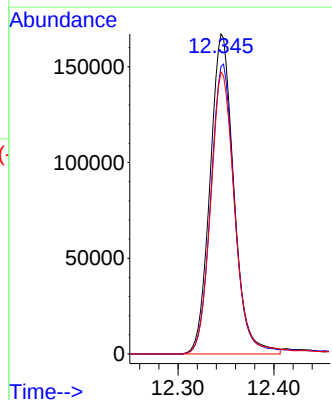
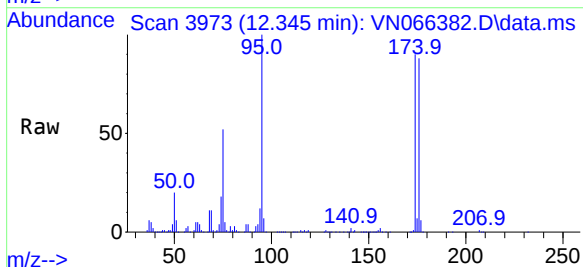
Instrument :
MSVOA_N
ClientSampled :
IBLK

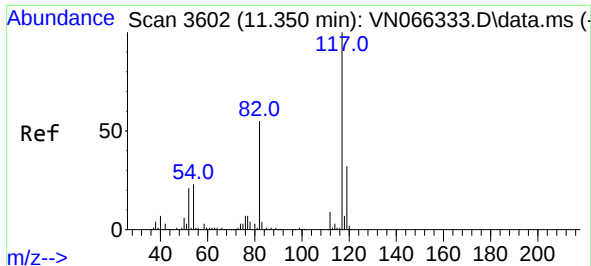
Tgt Ion: 92 Resp: 31075
Ion Ratio Lower Upper
92 100
91 173.5 138.8 208.2



#62
4-Bromofluorobenzene
Concen: 42.91 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

Tgt Ion: 95 Resp: 289079
Ion Ratio Lower Upper
95 100
174 90.9 0.0 172.2
176 88.5 0.0 167.8

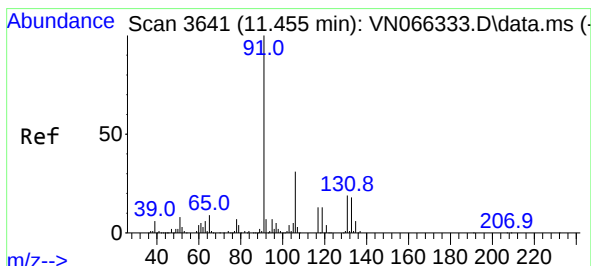
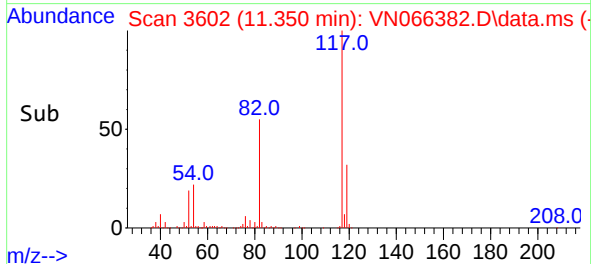
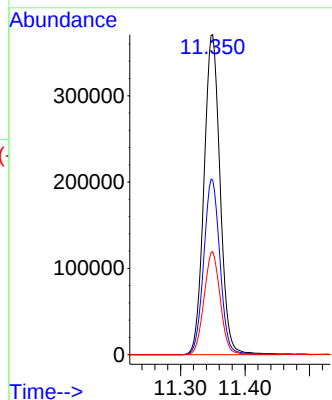
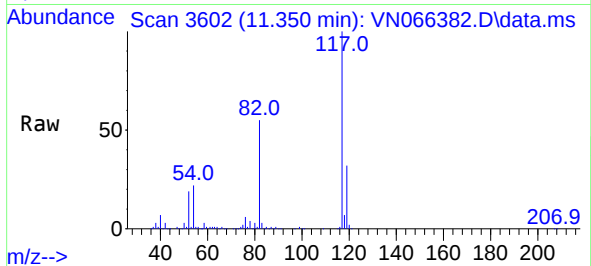




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. -0.000 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

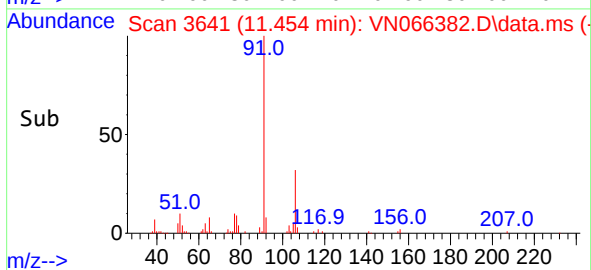
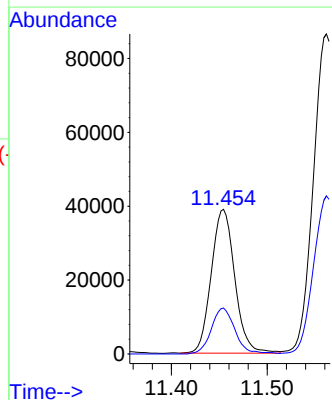
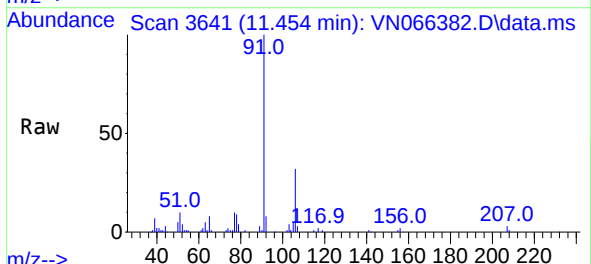
Instrument :
MSVOA_N
ClientSampled :
IBLK

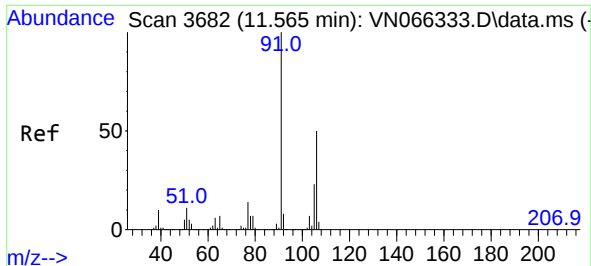
Tgt Ion:	117	Resp:	644528
Ion	Ratio	Lower	Upper
117	100		
82	54.5	44.2	66.4
119	32.2	25.8	38.6



#67
Ethyl Benzene
Concen: 2.85 ug/l
RT: 11.454 min Scan# 3641
Delta R.T. -0.000 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

Tgt Ion:	91	Resp:	66507
Ion	Ratio	Lower	Upper
91	100		
106	31.9	24.7	37.1

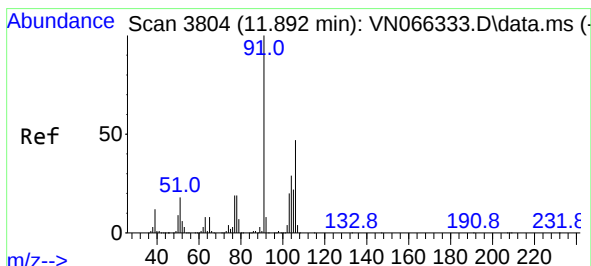
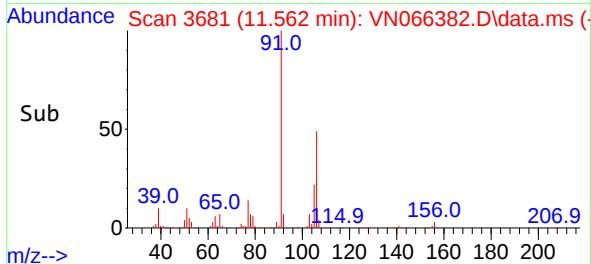
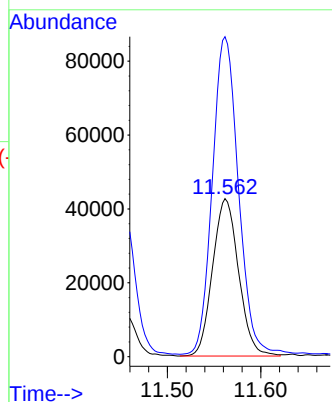
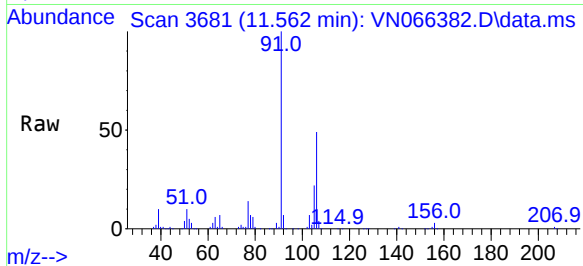




#68
m/p-Xylenes
Concen: 9.31 ug/l
RT: 11.562 min Scan# 3681
Delta R.T. -0.003 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

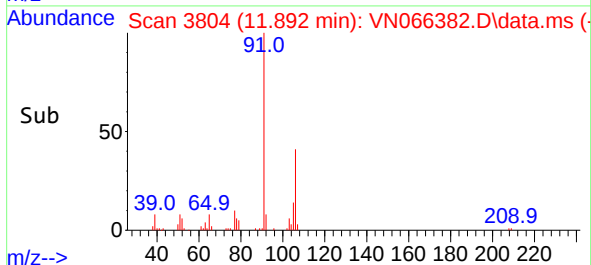
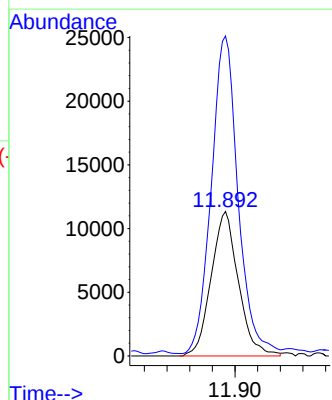
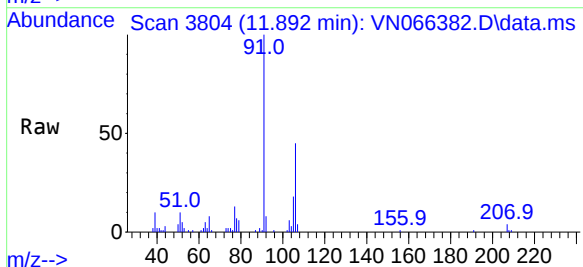
Instrument :
MSVOA_N
ClientSampled :
IBLK

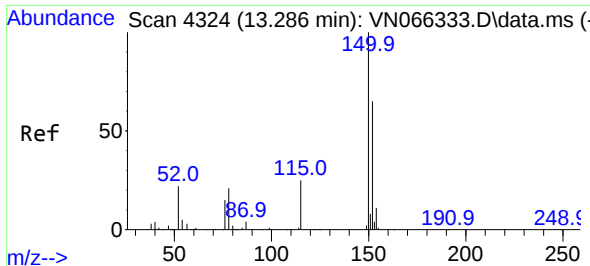
Tgt Ion:106 Resp: 82485
Ion Ratio Lower Upper
106 100
91 201.8 162.7 244.1



#69
o-Xylene
Concen: 2.21 ug/l
RT: 11.892 min Scan# 3804
Delta R.T. -0.000 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

Tgt Ion:106 Resp: 18931
Ion Ratio Lower Upper
106 100
91 214.7 107.1 321.4

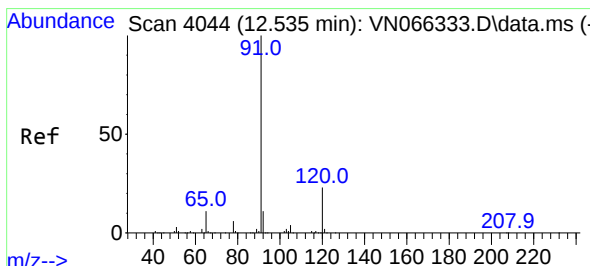
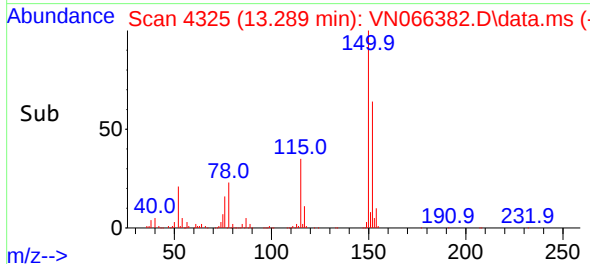
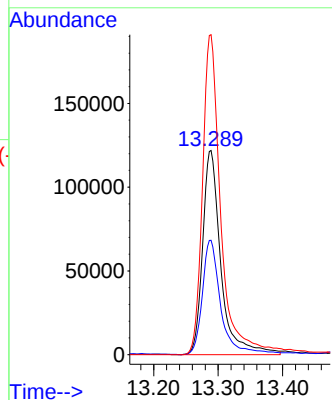
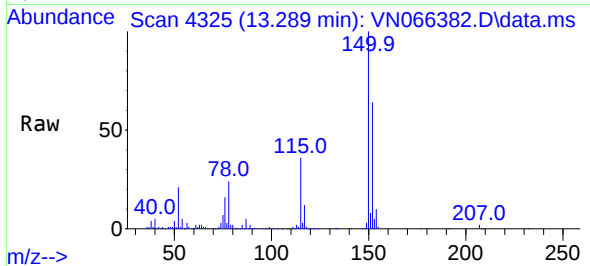




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.289 min Scan# 4325
Delta R.T. 0.003 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

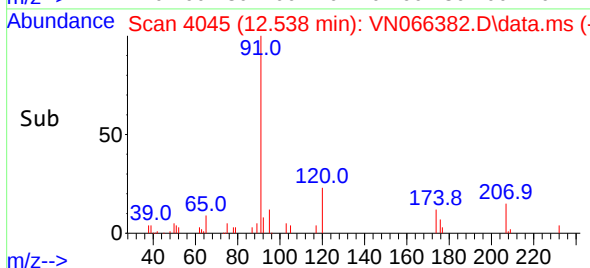
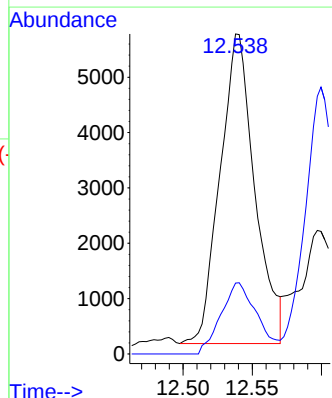
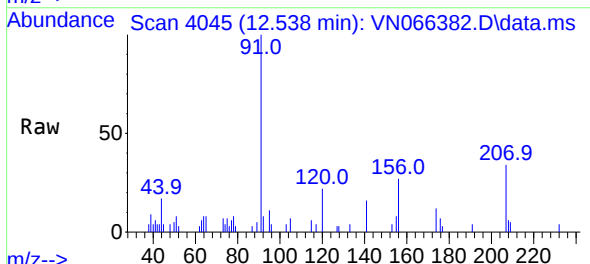
Instrument :
MSVOA_N
ClientSampled :
IBLK

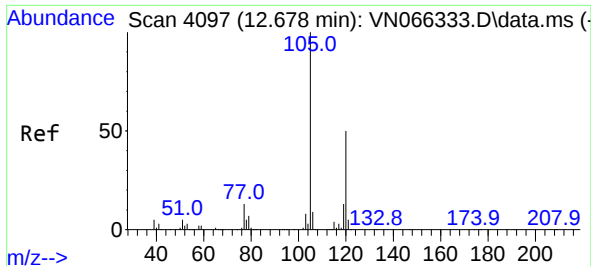
Tgt Ion:152 Resp: 241232
Ion Ratio Lower Upper
152 100
115 56.7 27.8 83.4
150 156.6 0.0 348.4



#78
n-propylbenzene
Concen: 0.50 ug/l
RT: 12.538 min Scan# 4045
Delta R.T. 0.002 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

Tgt Ion: 91 Resp: 9762
Ion Ratio Lower Upper
91 100
120 24.0 11.7 35.1

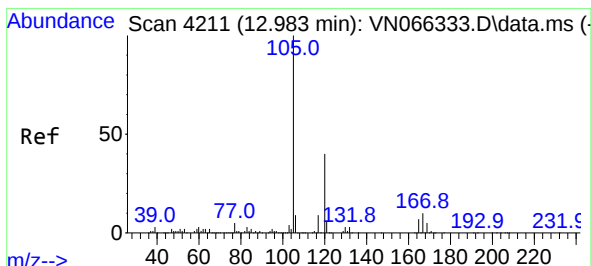
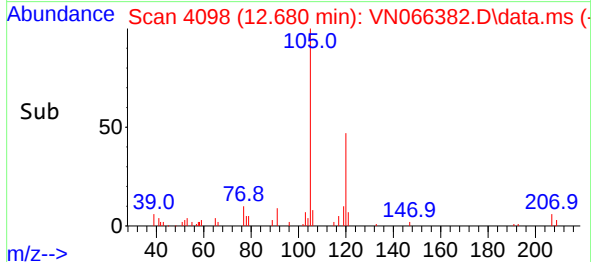
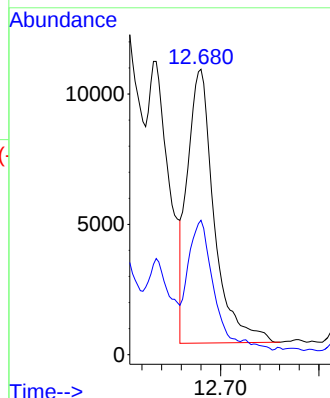
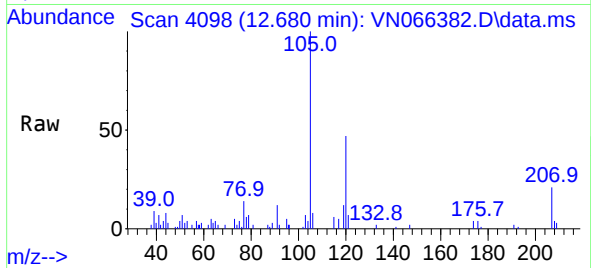




#80
1,3,5-Trimethylbenzene
Concen: 1.35 ug/l
RT: 12.680 min Scan# 4098
Delta R.T. 0.003 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

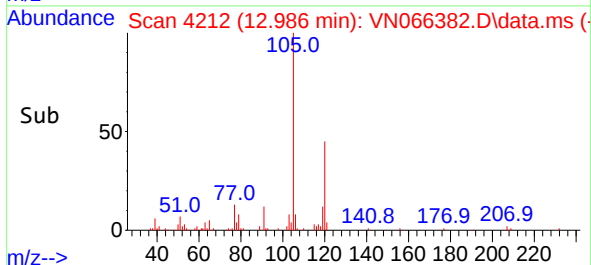
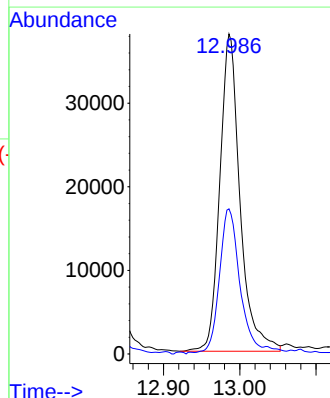
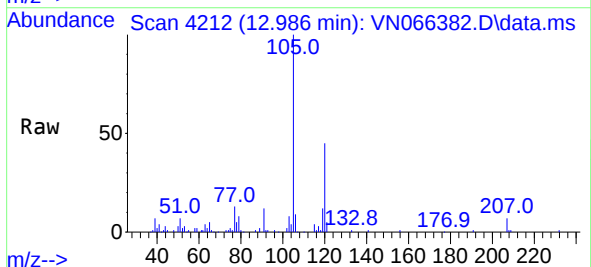
Instrument :
MSVOA_N
ClientSampled :
IBLK

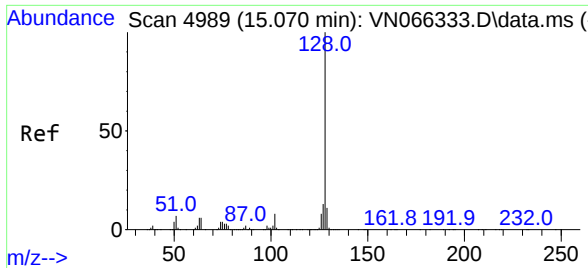
Tgt Ion:105 Resp: 19831
Ion Ratio Lower Upper
105 100
120 40.1 24.5 73.5



#84
1,2,4-Trimethylbenzene
Concen: 4.90 ug/l
RT: 12.986 min Scan# 4212
Delta R.T. 0.002 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

Tgt Ion:105 Resp: 69804
Ion Ratio Lower Upper
105 100
120 44.6 23.1 69.2





#95
Naphthalene
Concen: 17.18 ug/l
RT: 15.072 min Scan# 4990
Delta R.T. 0.002 min
Lab File: VN066382.D
Acq: 29 Mar 2021 17:21

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:	128	Resp:	222865
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.7	8.5	12.7

