

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050521\
 Data File : VN066985.D
 Acq On : 5 May 2021 13:45
 Operator : JC/MD
 Sample : M2253-04ME
 Misc : 2.36g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31069ME

Quant Time: May 06 04:48:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N050421W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 05 07:24:52 2021
 Response via : Initial Calibration

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

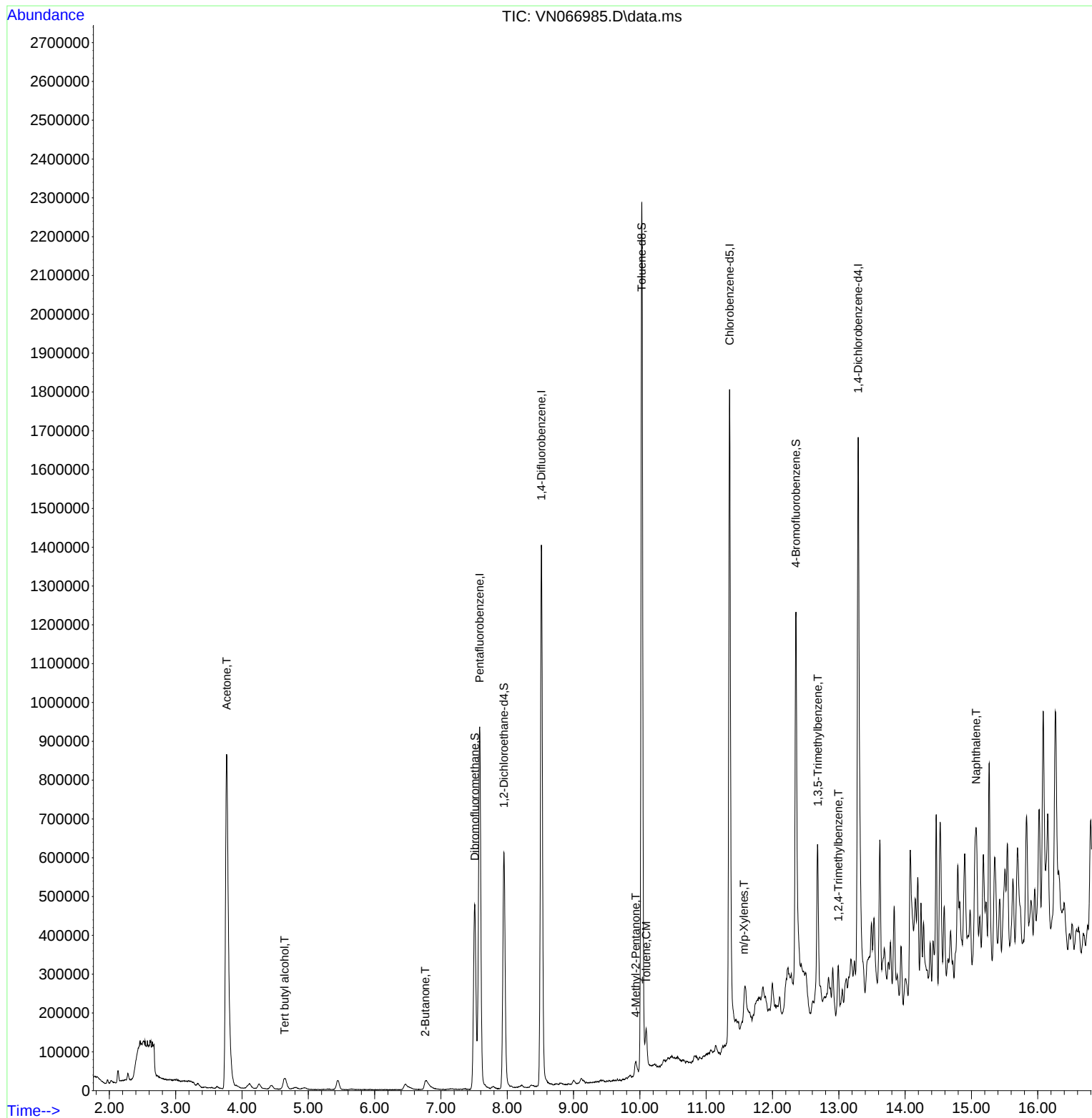
Internal Standards						
1) Pentafluorobenzene	7.584	168	731810	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	1233653	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.352	117	1050762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.291	152	474753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	538799	46.78	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.56%
35) Dibromofluoromethane	7.512	113	392447	46.85	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.70%
50) Toluene-d8	10.027	98	1598668	50.11	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.22%
62) 4-Bromofluorobenzene	12.353	95	519460	48.09	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.18%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.642	59	30571	18.80	ug/l	# 74
16) Acetone	3.768	43	1752336	432.45	ug/l	98
25) 2-Butanone	6.764	43	53759	9.00	ug/l	91
51) 4-Methyl-2-Pentanone	9.936	43	30491	2.48	ug/l	93
52) Toluene	10.095	92	37595	1.59	ug/l	100
68) m/p-Xylenes	11.570	106	20891	1.42	ug/l	88
80) 1,3,5-Trimethylbenzene	12.683	105	75625	2.35	ug/l	96
84) 1,2,4-Trimethylbenzene	12.991	105	85174	2.78	ug/l	96
95) Naphthalene	15.072	128	238805	11.45	ug/l	98

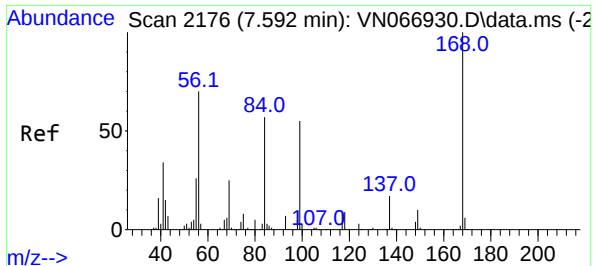
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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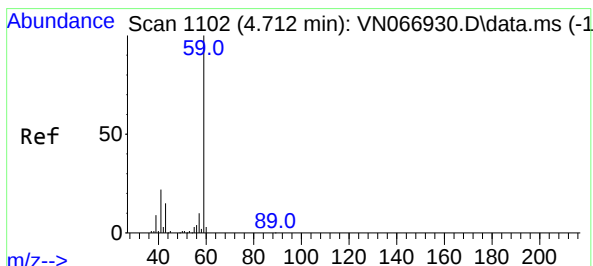
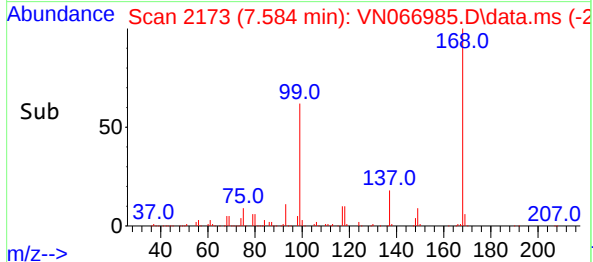
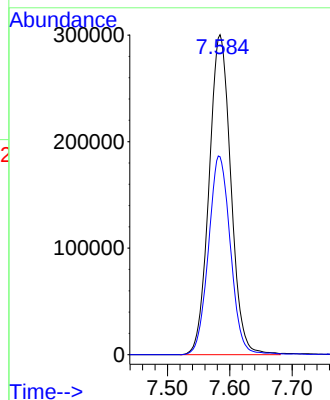
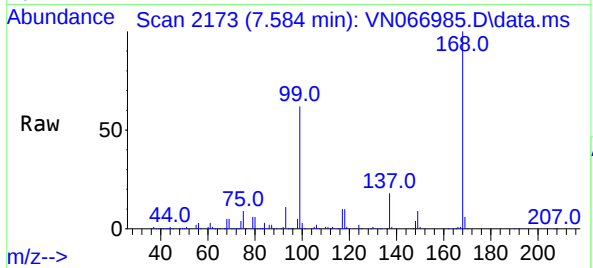




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2173
Delta R.T. -0.008 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

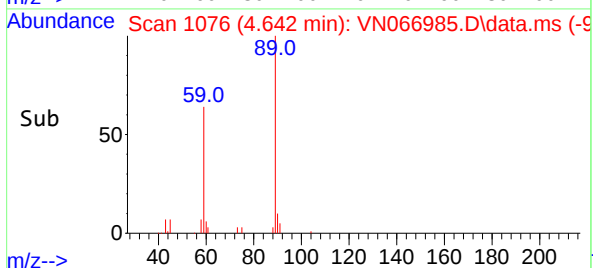
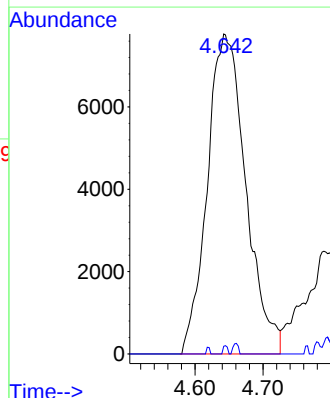
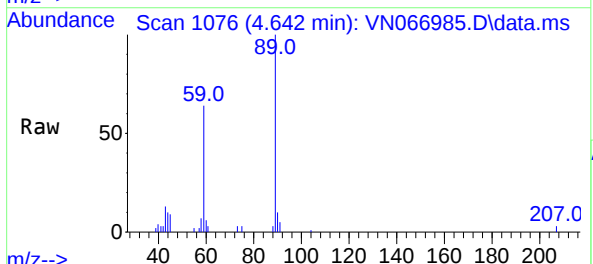
Instrument :
MSVOA_N
ClientSampleId :
31069ME

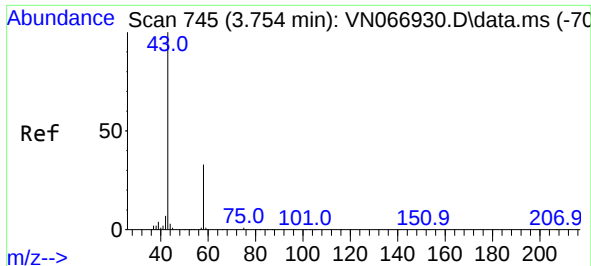
Tgt Ion:168 Resp: 731810
Ion Ratio Lower Upper
168 100
99 61.8 42.6 63.8



#11
Tert butyl alcohol
Concen: 18.80 ug/l
RT: 4.642 min Scan# 1076
Delta R.T. -0.070 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

Tgt Ion: 59 Resp: 30571
Ion Ratio Lower Upper
59 100
57 0.3 8.0 12.0#

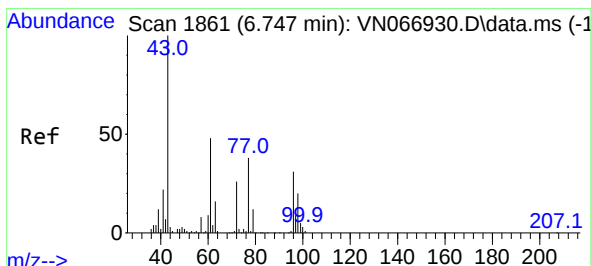
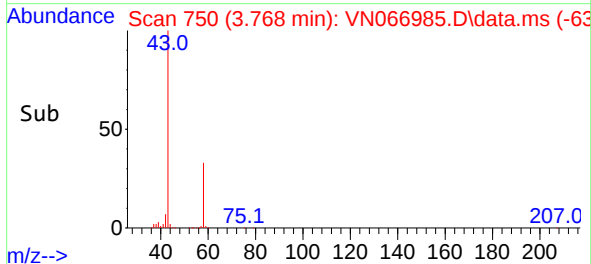
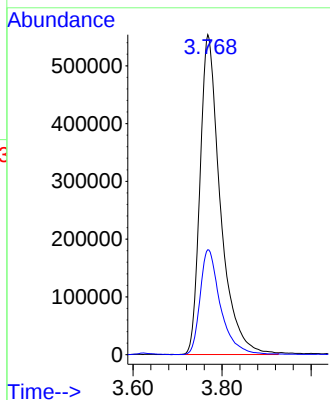
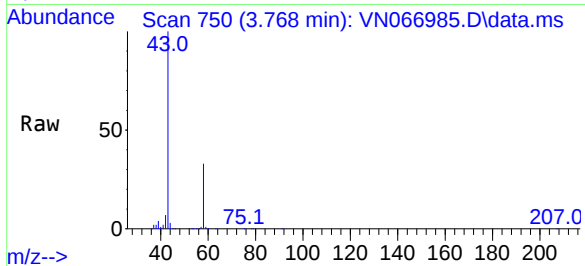




#16
Acetone
Concen: 432.45 ug/l
RT: 3.768 min Scan# 750
Delta R.T. 0.014 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

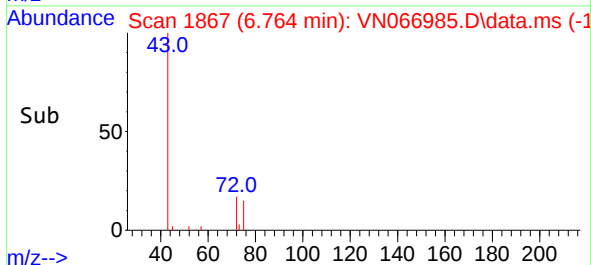
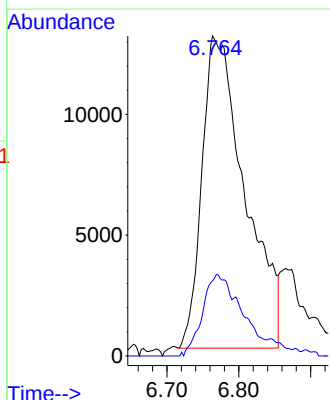
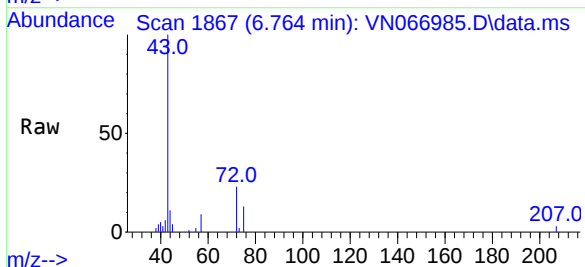
Instrument :
MSVOA_N
ClientSampleId :
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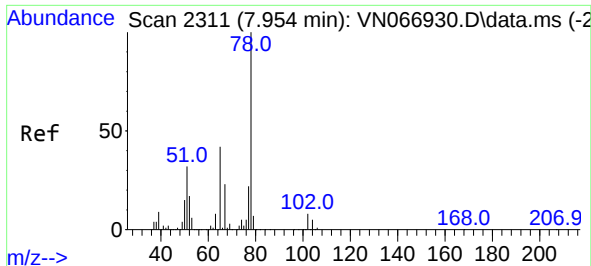
Tgt Ion: 43 Resp: 1752336
Ion Ratio Lower Upper
43 100
58 32.8 27.0 40.6



#25
2-Butanone
Concen: 9.00 ug/l
RT: 6.764 min Scan# 1867
Delta R.T. 0.017 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

Tgt Ion: 43 Resp: 53759
Ion Ratio Lower Upper
43 100
72 24.1 23.1 34.7

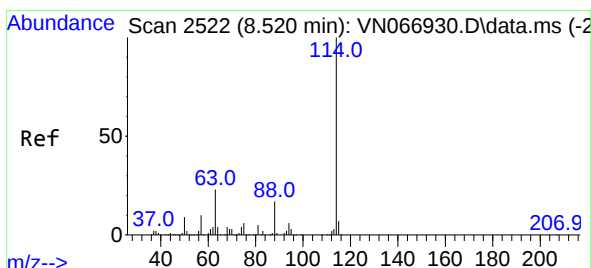
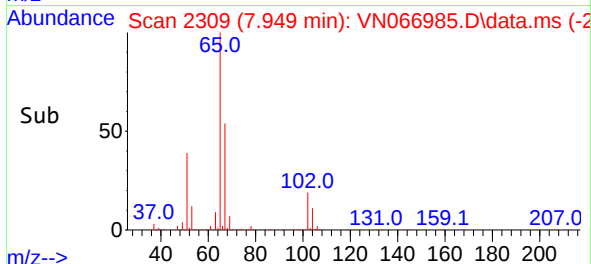
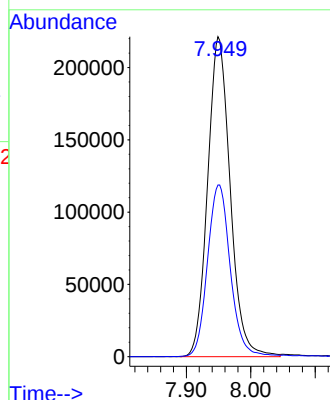
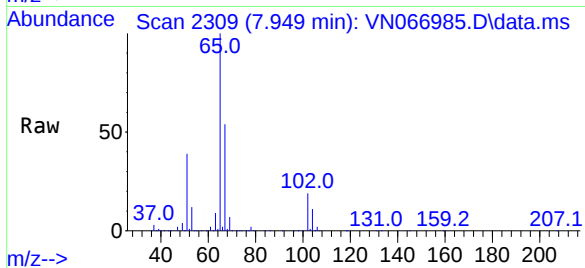




#33
1,2-Dichloroethane-d4
Concen: 46.78 ug/l
RT: 7.949 min Scan# 2309
Delta R.T. -0.005 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

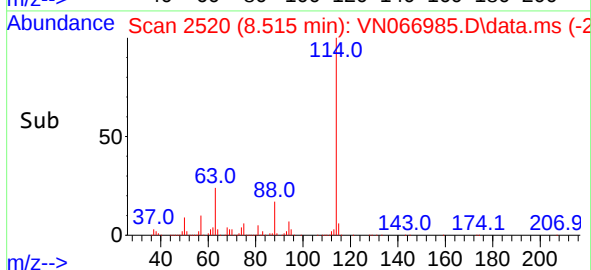
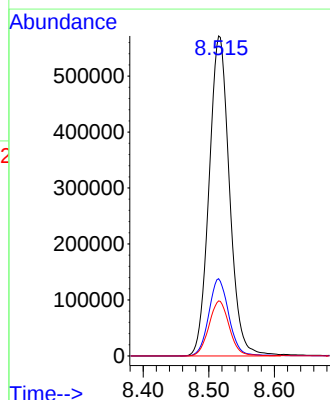
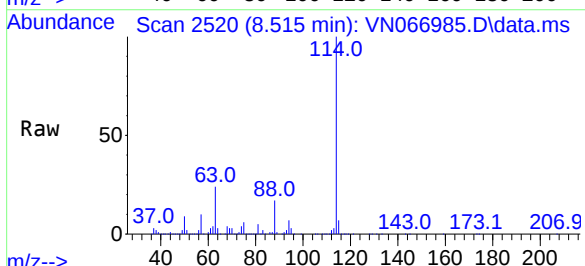
Instrument :
MSVOA_N
ClientSampleId :
31069ME

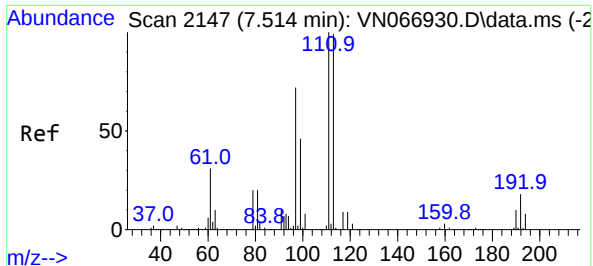
Tgt Ion: 65 Resp: 538799
Ion Ratio Lower Upper
65 100
67 54.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2520
Delta R.T. -0.005 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

Tgt Ion:114 Resp: 1233653
Ion Ratio Lower Upper
114 100
63 24.1 0.0 38.6
88 17.2 0.0 30.6

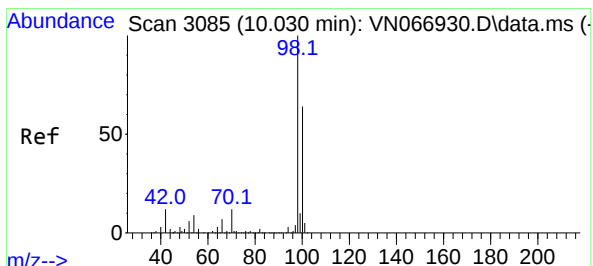
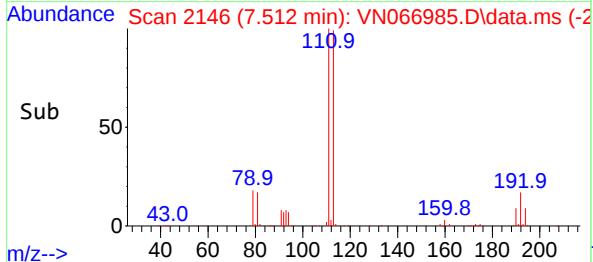
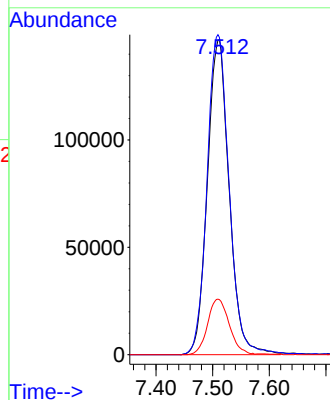
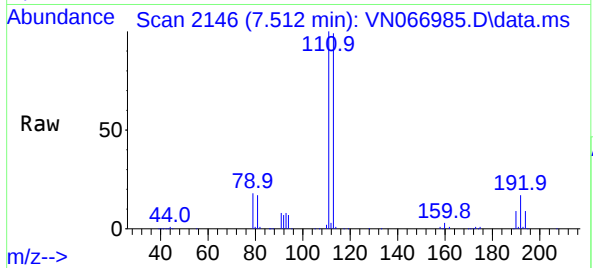




#35
Dibromofluoromethane
Concen: 46.85 ug/l
RT: 7.512 min Scan# 2146
Delta R.T. -0.002 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

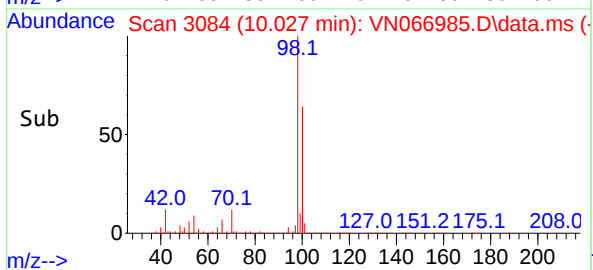
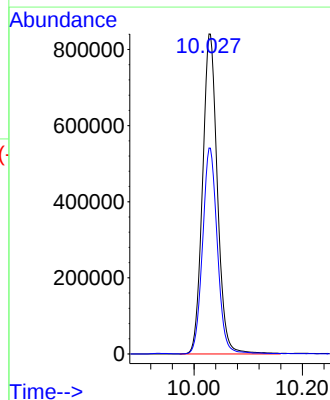
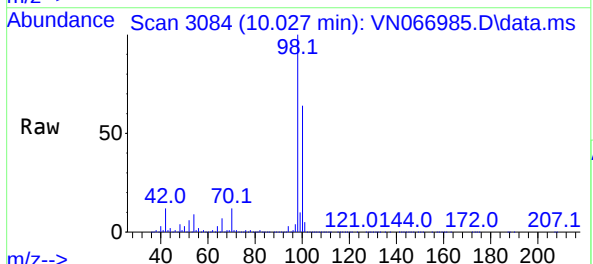
Instrument :
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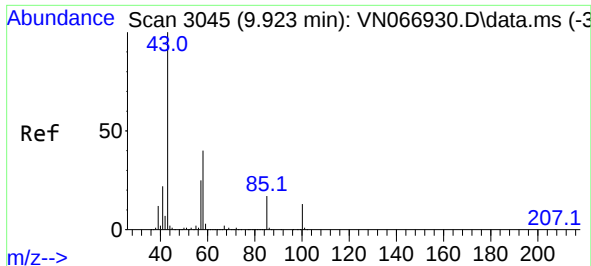
Tgt Ion:113 Resp: 392447
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 17.6 15.4 23.0



#50
Toluene-d8
Concen: 50.11 ug/l
RT: 10.027 min Scan# 3084
Delta R.T. -0.003 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

Tgt Ion: 98 Resp: 1598668
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7

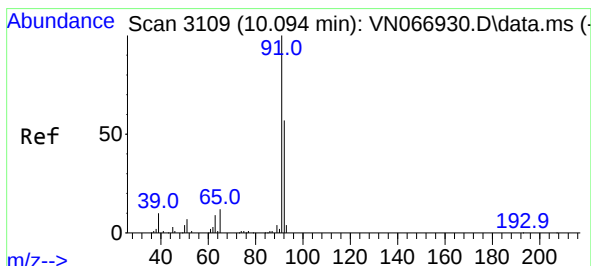
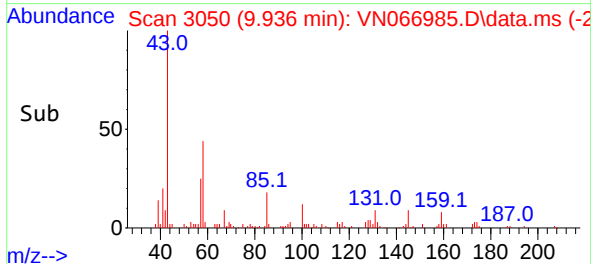
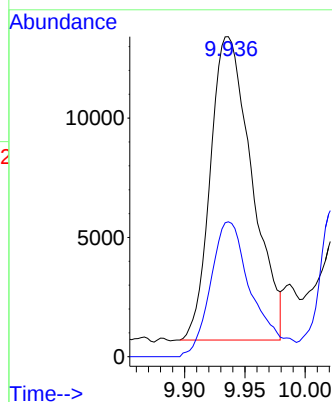
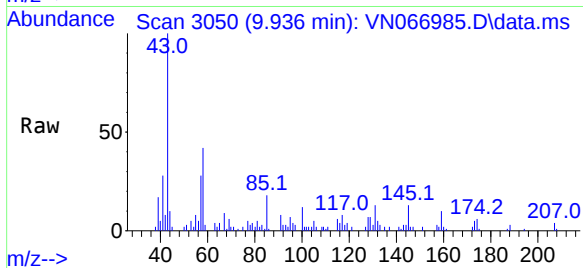




#51
4-Methyl-2-Pentanone
Concen: 2.48 ug/l
RT: 9.936 min Scan# 3050
Delta R.T. 0.013 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

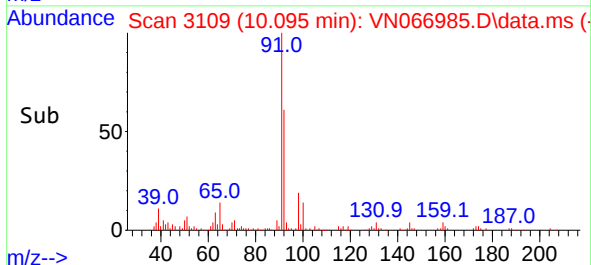
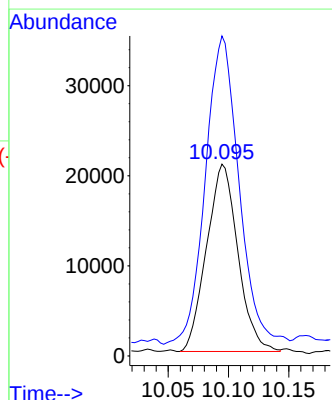
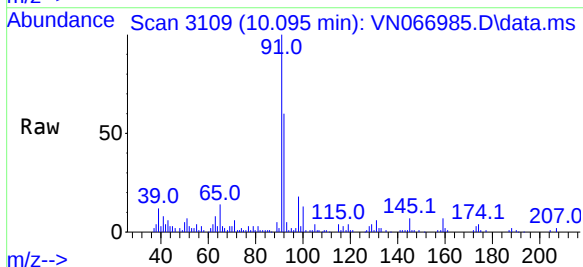
Instrument :
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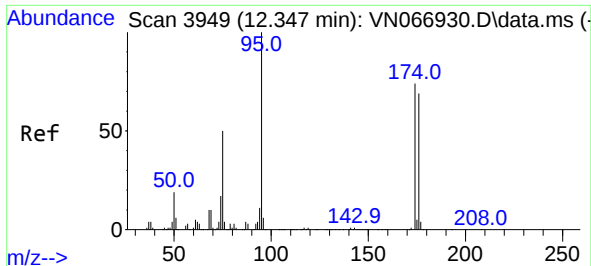
Tgt Ion: 43 Resp: 30491
Ion Ratio Lower Upper
43 100
58 45.2 32.5 48.7



#52
Toluene
Concen: 1.59 ug/l
RT: 10.095 min Scan# 3109
Delta R.T. 0.001 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

Tgt Ion: 92 Resp: 37595
Ion Ratio Lower Upper
92 100
91 175.9 140.7 211.1

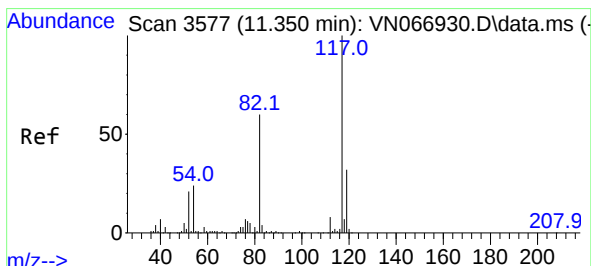
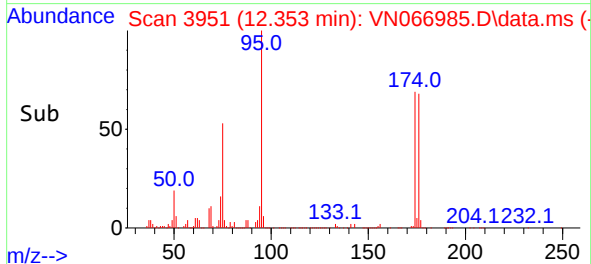
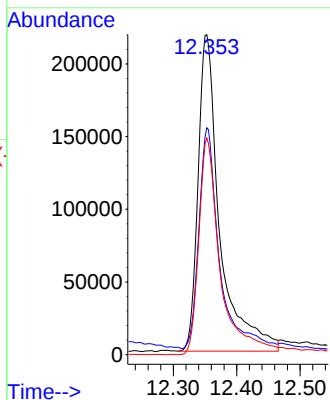
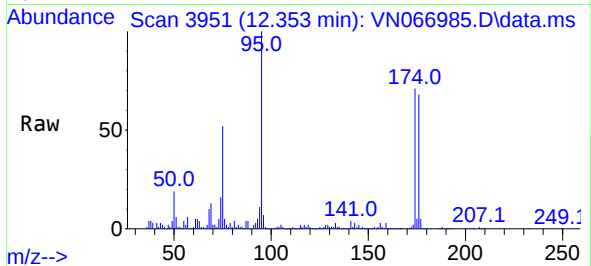




#62
4-Bromofluorobenzene
Concen: 48.09 ug/l
RT: 12.353 min Scan# 3951
Delta R.T. 0.006 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

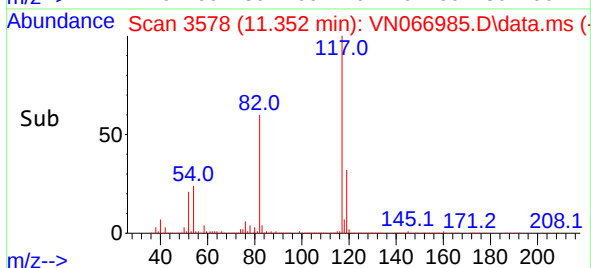
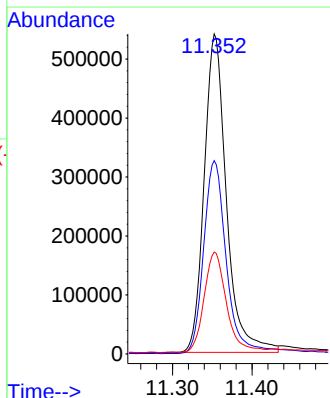
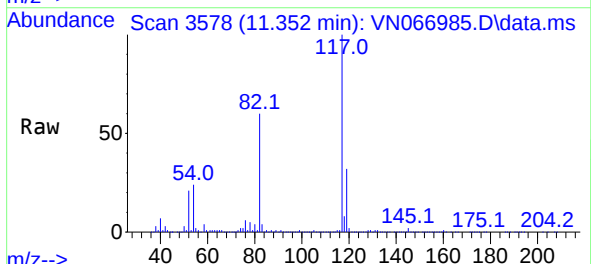
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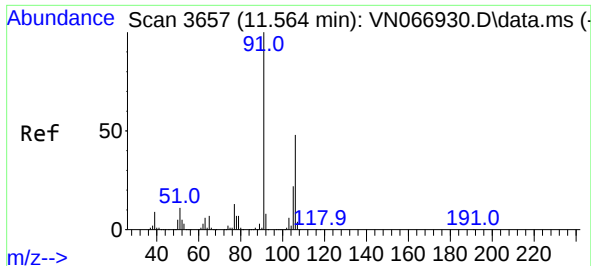
Tgt Ion: 95 Resp: 519460
Ion Ratio Lower Upper
95 100
174 65.5 0.0 169.0
176 68.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.002 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

Tgt Ion: 117 Resp: 1050762
Ion Ratio Lower Upper
117 100
82 60.5 43.7 65.5
119 31.5 26.1 39.1

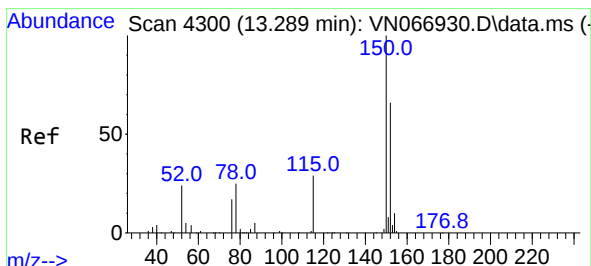
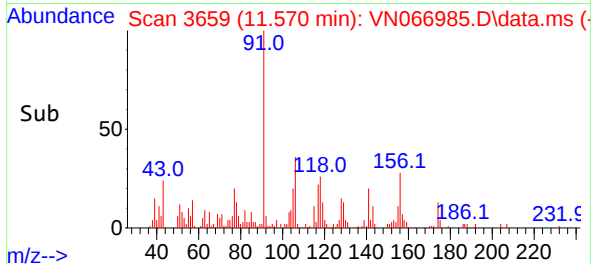
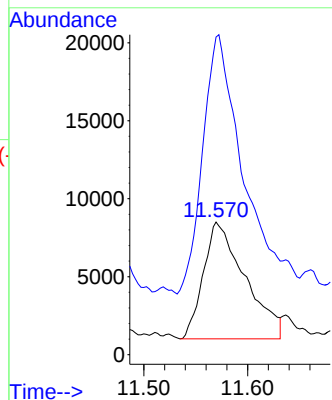
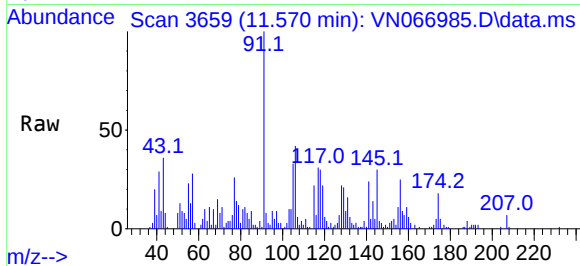




#68
m/p-Xylenes
Concen: 1.42 ug/l
RT: 11.570 min Scan# 3659
Delta R.T. 0.006 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

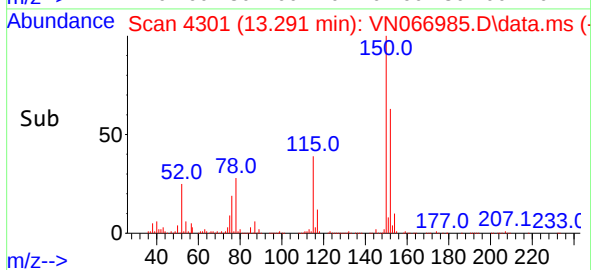
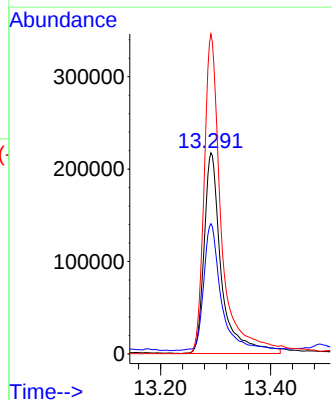
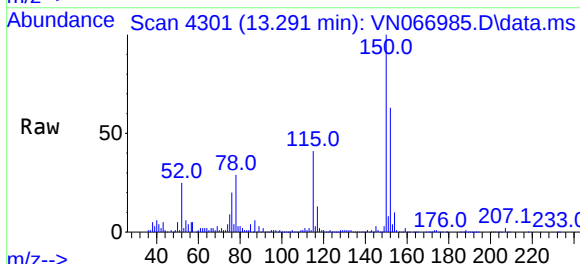
Instrument :
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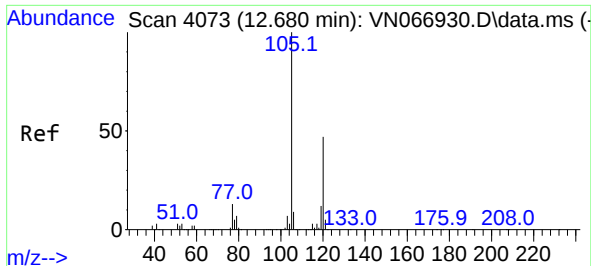
Tgt Ion:106 Resp: 20891
Ion Ratio Lower Upper
106 100
91 219.8 161.4 242.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.291 min Scan# 4301
Delta R.T. 0.002 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

Tgt Ion:152 Resp: 474753
Ion Ratio Lower Upper
152 100
115 64.5 28.5 85.6
150 157.8 0.0 347.6

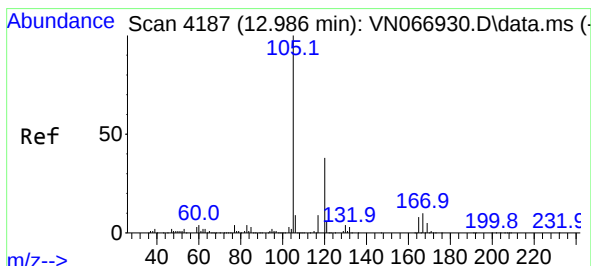
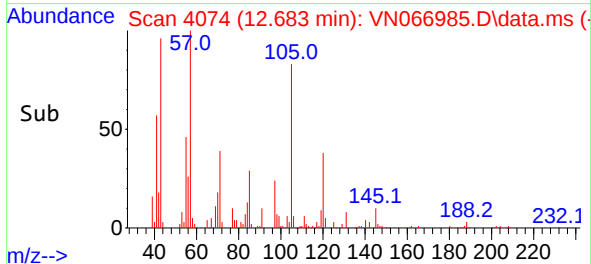
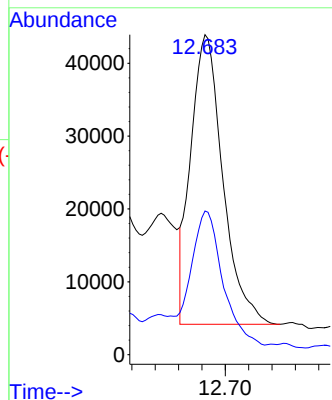
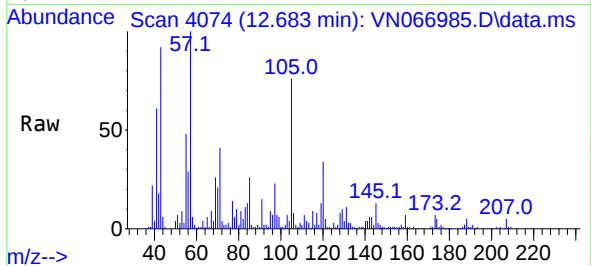




#80
1,3,5-Trimethylbenzene
Concen: 2.35 ug/l
RT: 12.683 min Scan# 4074
Delta R.T. 0.003 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

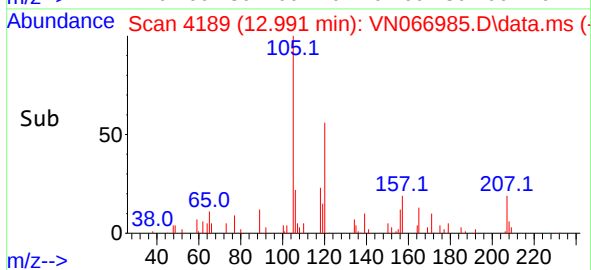
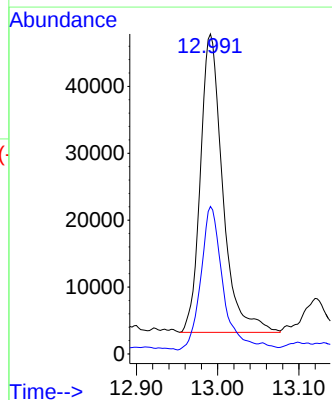
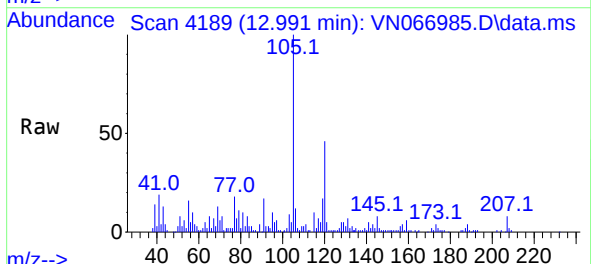
Instrument :
MSVOA_N
ClientSampled :
31069ME

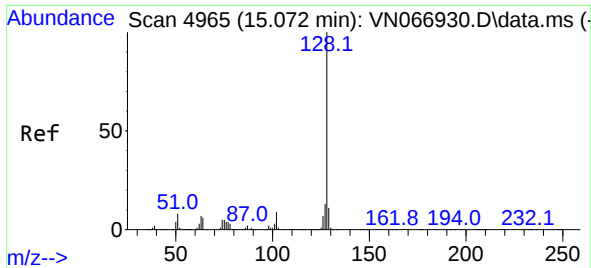
Tgt Ion:105 Resp: 75625
Ion Ratio Lower Upper
105 100
120 45.6 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 2.78 ug/l
RT: 12.991 min Scan# 4189
Delta R.T. 0.005 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

Tgt Ion:105 Resp: 85174
Ion Ratio Lower Upper
105 100
120 47.0 22.4 67.0





#95
Naphthalene
Concen: 11.45 ug/l
RT: 15.072 min Scan# 4965
Delta R.T. 0.000 min
Lab File: VN066985.D
Acq: 5 May 2021 13:45

Instrument :
MSVOA_N
ClientSampleId :
31069ME

Tgt Ion:128 Resp: 238805

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.2
129	10.2	8.6	13.0

