

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067285.D
 Acq On : 11 Jun 2021 13:53
 Operator : JC/MD
 Sample : M2674-01ME
 Misc : 4.14g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TMR-DS-01-060921ME

Quant Time: Jun 12 04:25:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

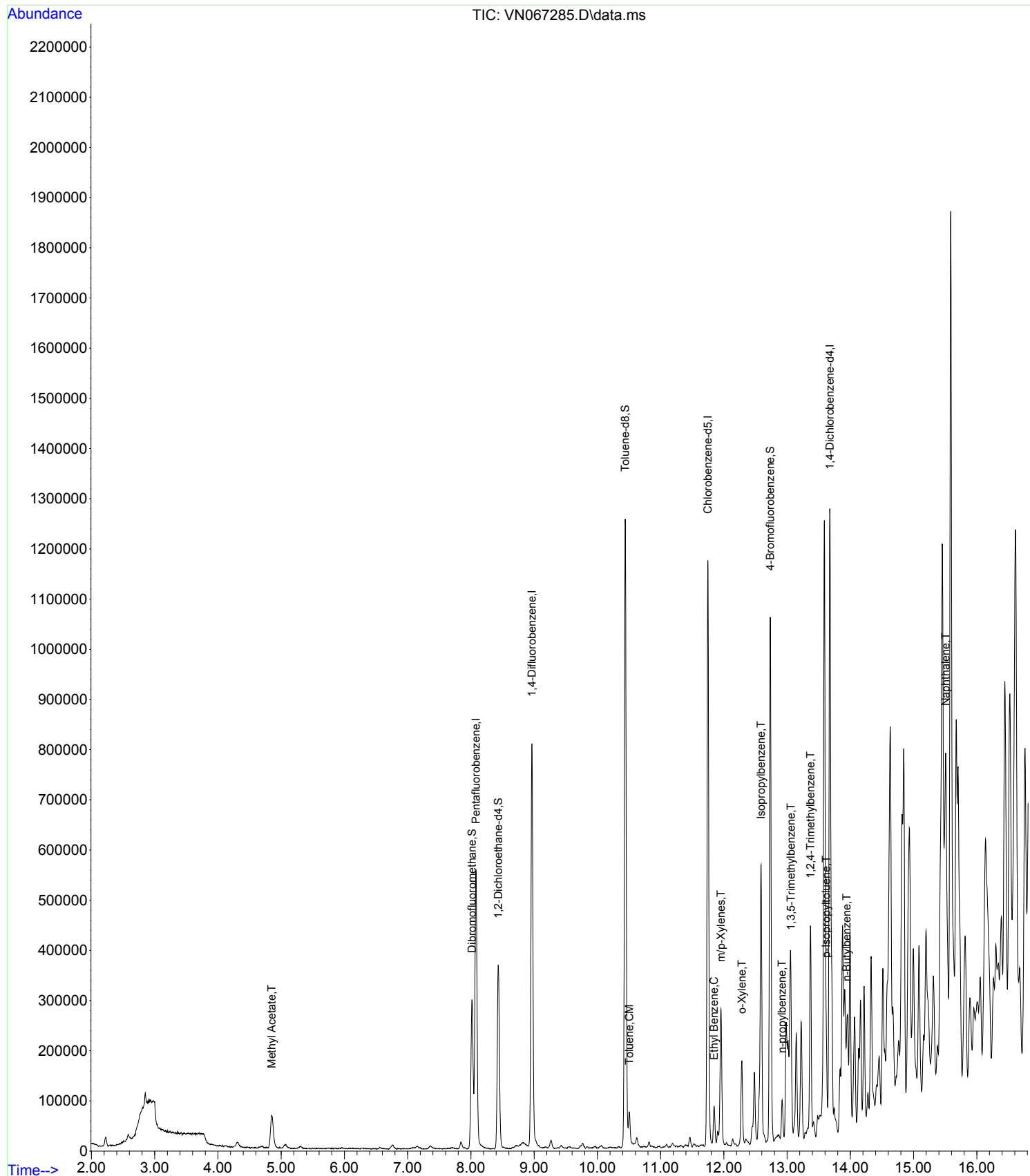
Internal Standards						
1) Pentafluorobenzene	8.080	168	375676	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	673035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	620176	50.00	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	290407	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	331198	46.64	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	93.28%	
35) Dibromofluoromethane	8.019	113	212654	49.58	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	99.16%	
50) Toluene-d8	10.440	98	865662	51.36	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	102.72%	
62) 4-Bromofluorobenzene	12.734	95	366561	52.26	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	104.52%	
Target Compounds						
						Qvalue
18) Methyl Acetate	4.849	43	141365	17.71	ug/l	# 89
52) Toluene	10.505	92	23456	1.83	ug/l	99
67) Ethyl Benzene	11.846	91	50029	1.93	ug/l	96
68) m/p-Xylenes	11.953	106	57021	6.12	ug/l	82
69) o-Xylene	12.283	106	40629	4.45	ug/l	75
73) Isopropylbenzene	12.586	105	36668	1.34	ug/l	# 69
78) n-propylbenzene	12.921	91	61032	1.91	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	103328	4.42	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	230461	10.07	ug/l	92
86) p-Isopropyltoluene	13.616	119	110239	4.86	ug/l	# 78
89) n-Butylbenzene	13.943	91	80179	3.84	ug/l	# 80
95) Naphthalene	15.507	128	423950	28.84	ug/l	99

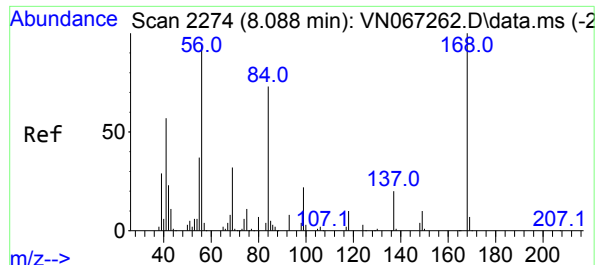
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
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TMR-DS-01-060921ME

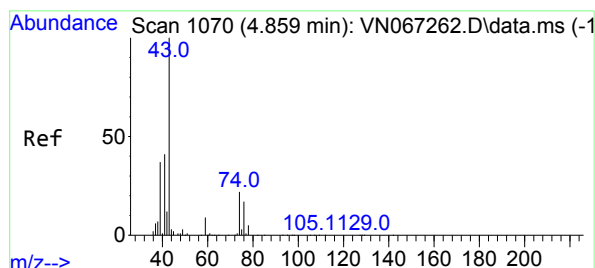
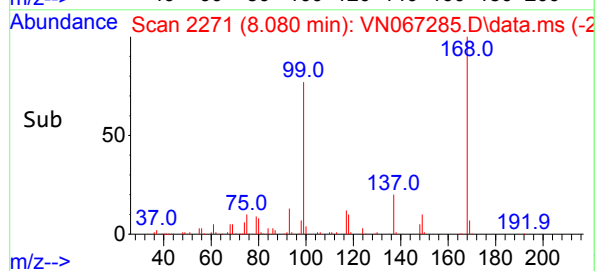
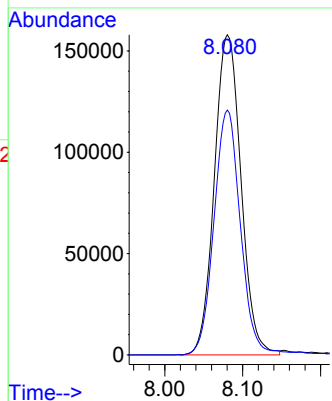
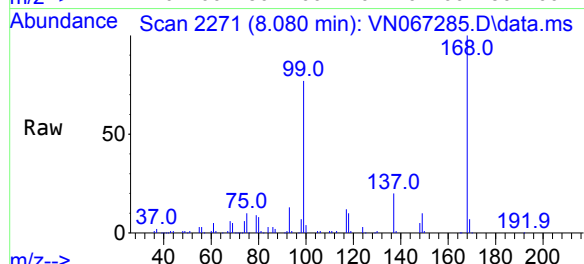




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.008 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

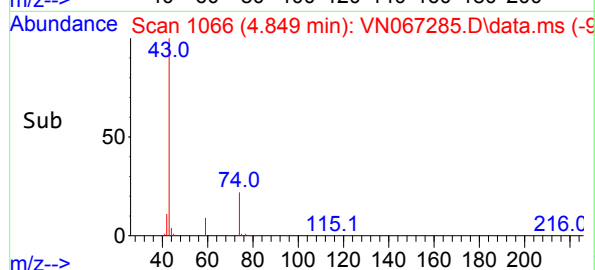
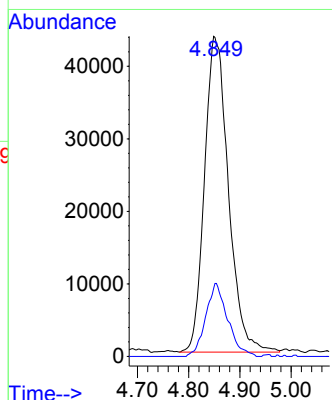
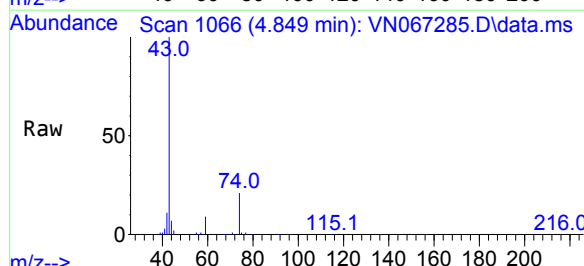
Tgt Ion:168 Resp: 375676
Ion Ratio Lower Upper
168 100
99 76.4 38.5 57.7#

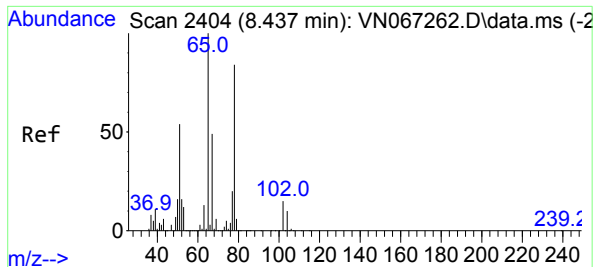
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-01-060921ME



#18
Methyl Acetate
Concen: 17.71 ug/l
RT: 4.849 min Scan# 1066
Delta R.T. -0.011 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

Tgt Ion: 43 Resp: 141365
Ion Ratio Lower Upper
43 100
74 21.1 21.4 32.2#

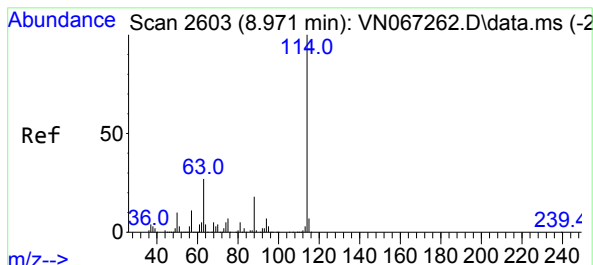
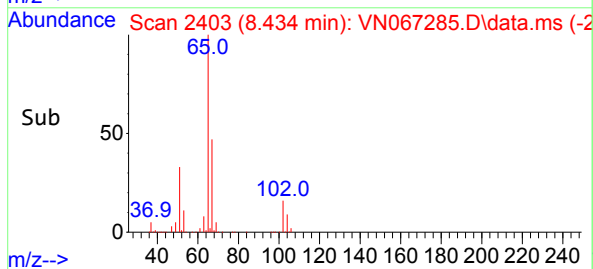
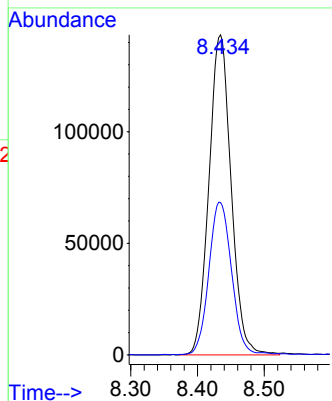
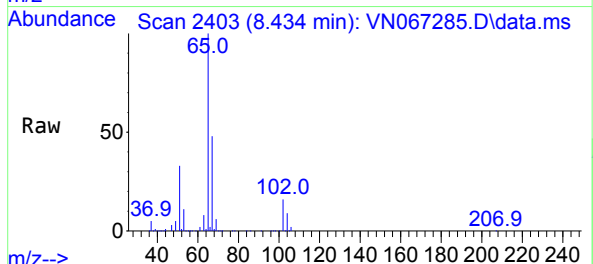




#33
1,2-Dichloroethane-d4
Concen: 46.64 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

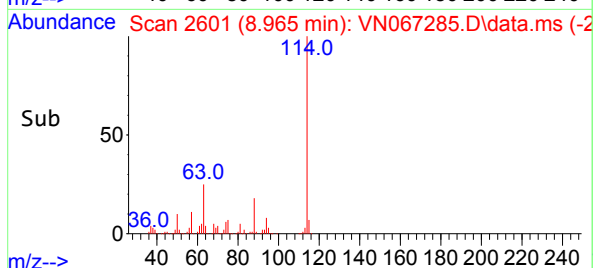
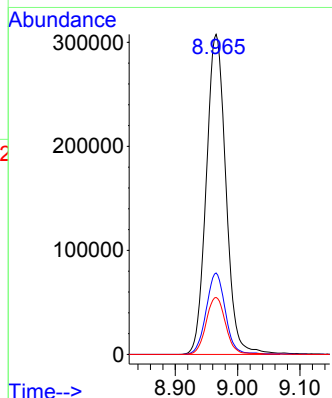
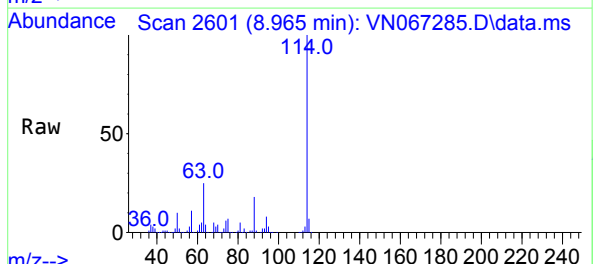
Tgt Ion: 65 Resp: 331198
Ion Ratio Lower Upper
65 100
67 48.7 0.0 110.4

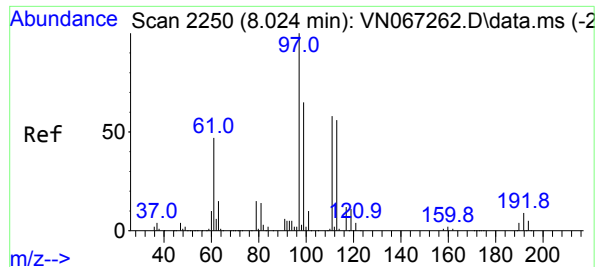
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-01-060921ME



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.006 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

Tgt Ion:114 Resp: 673035
Ion Ratio Lower Upper
114 100
63 25.5 0.0 35.8
88 17.8 0.0 30.4

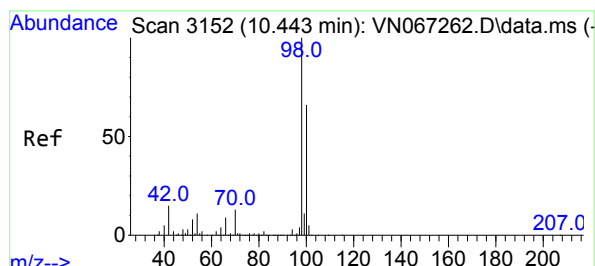
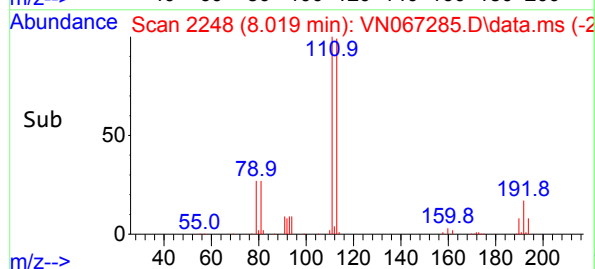
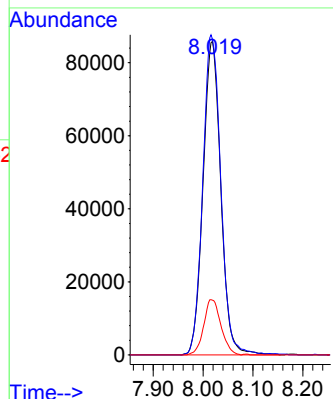
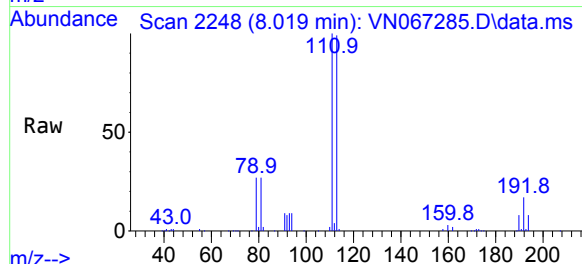




#35
Dibromofluoromethane
Concen: 49.58 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

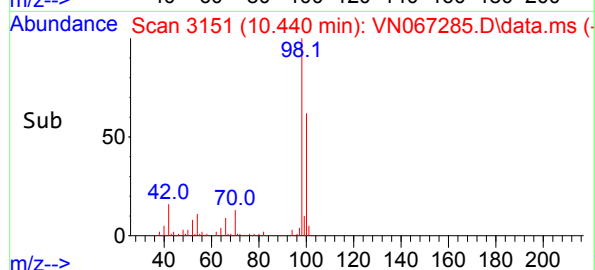
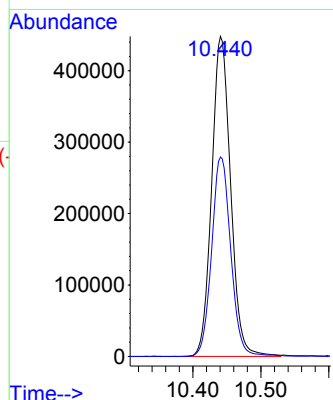
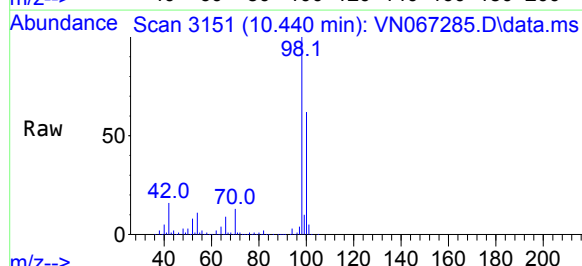
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.6	124.0
192	17.1	18.2	27.4

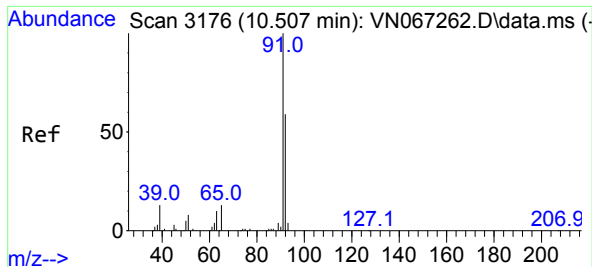
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-01-060921ME



#50
Toluene-d8
Concen: 51.36 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.8	77.8

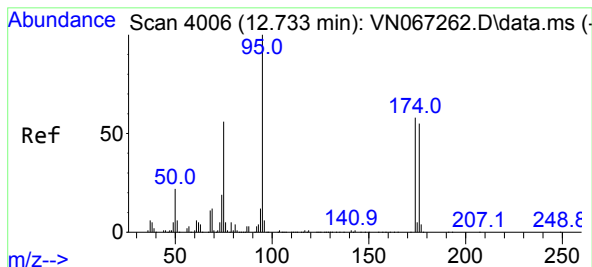
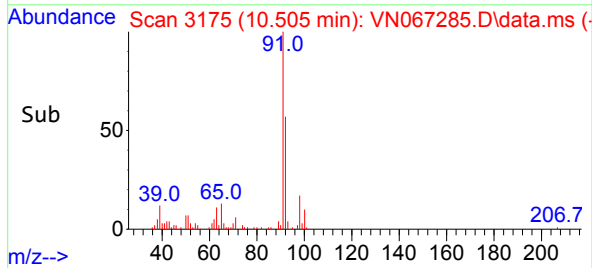
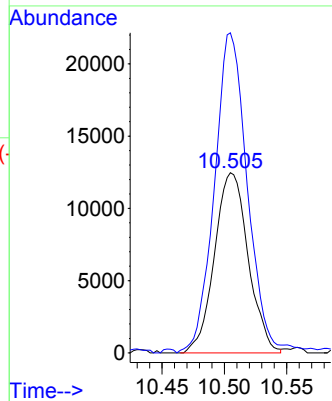
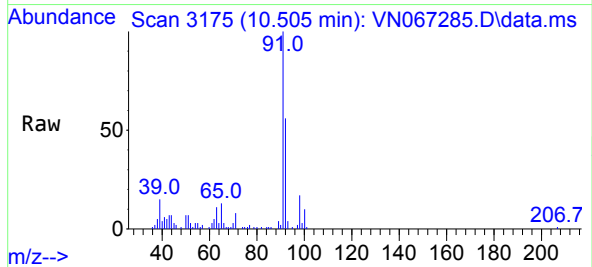




#52
Toluene
Concen: 1.83 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

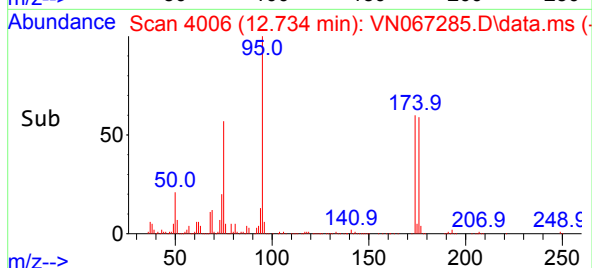
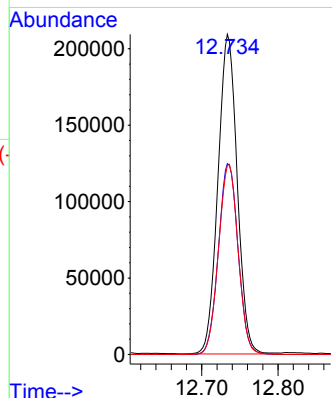
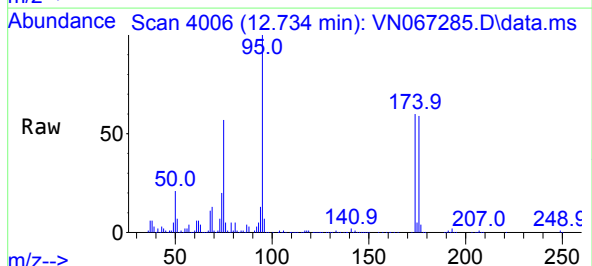
Tgt Ion: 92 Resp: 23456
Ion Ratio Lower Upper
92 100
91 174.7 138.7 208.1

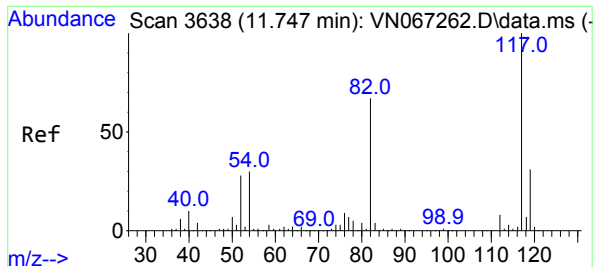
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-01-060921ME



#62
4-Bromofluorobenzene
Concen: 52.26 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

Tgt Ion: 95 Resp: 366561
Ion Ratio Lower Upper
95 100
174 60.8 0.0 182.8
176 60.3 0.0 176.6

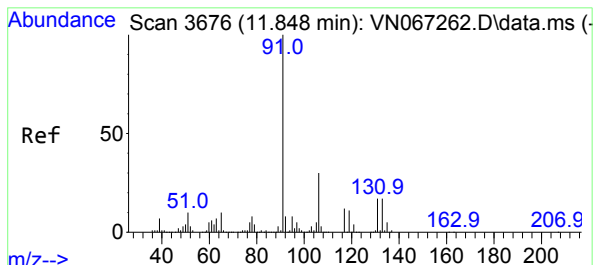
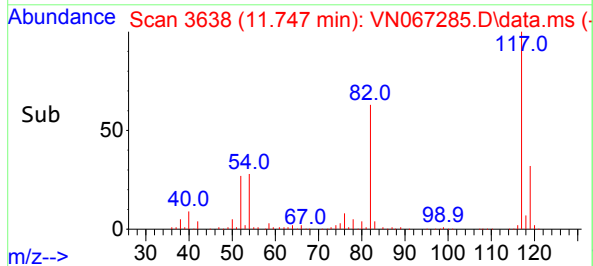
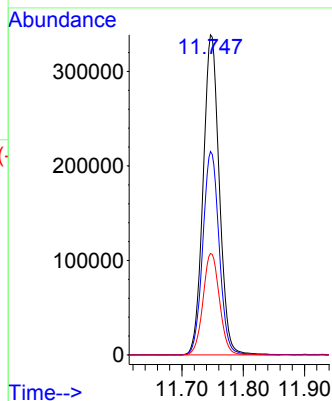
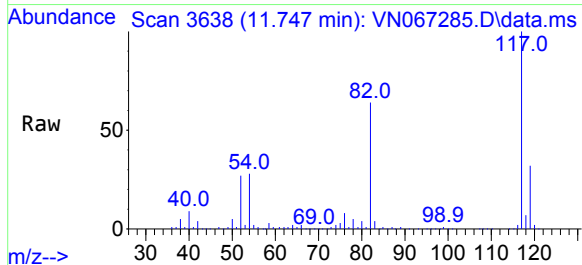




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

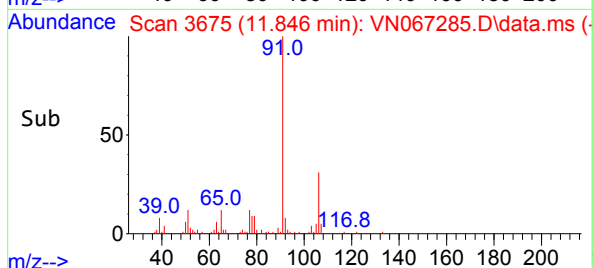
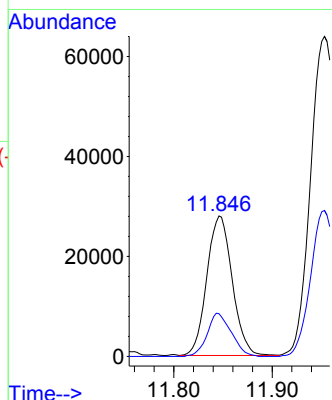
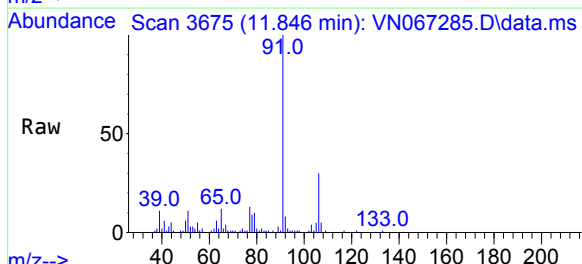
Tgt Ion:117 Resp: 620176
Ion Ratio Lower Upper
117 100
82 63.5 42.2 63.2#
119 31.7 25.8 38.6

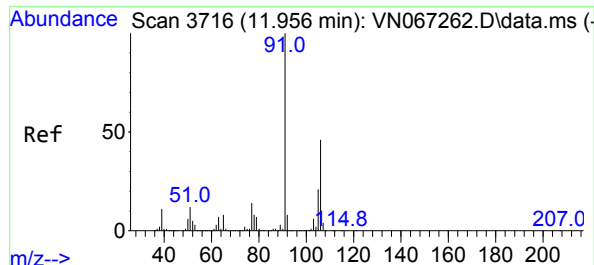
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-01-060921ME



#67
Ethyl Benzene
Concen: 1.93 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

Tgt Ion: 91 Resp: 50029
Ion Ratio Lower Upper
91 100
106 30.7 26.2 39.2

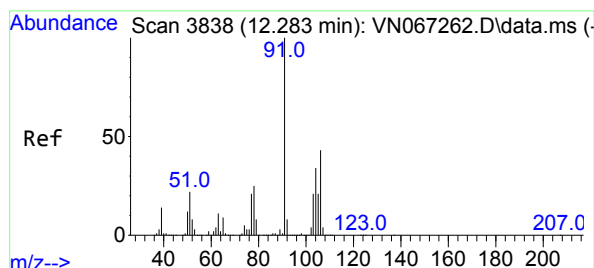
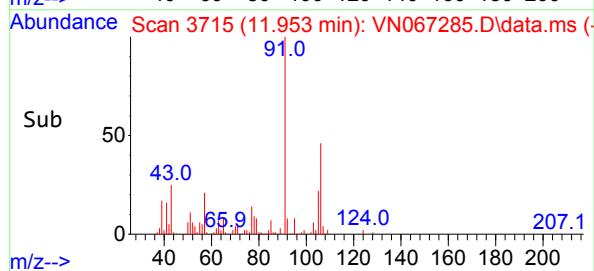
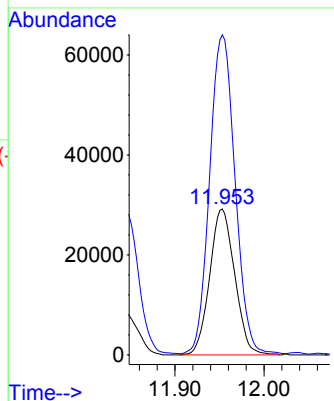
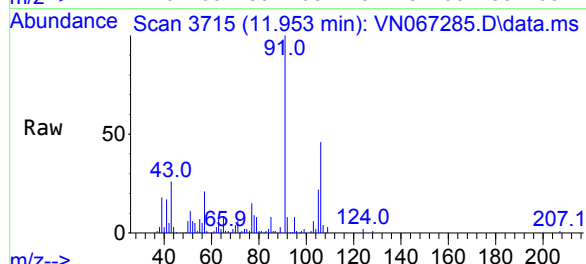




#68
m/p-Xylenes
Concen: 6.12 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

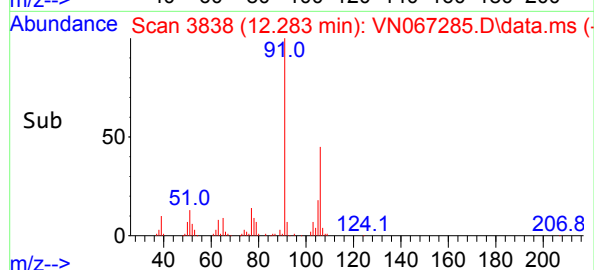
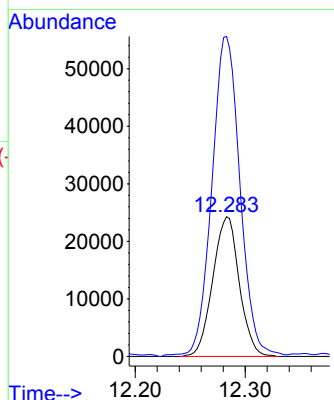
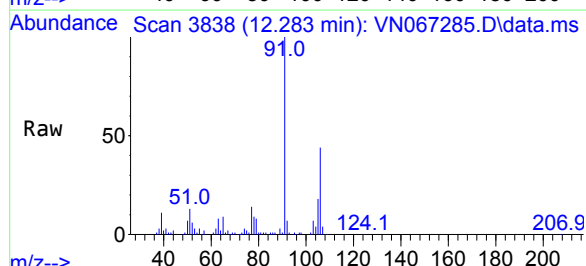
Tgt Ion:106 Resp: 57021
Ion Ratio Lower Upper
106 100
91 220.7 155.2 232.8

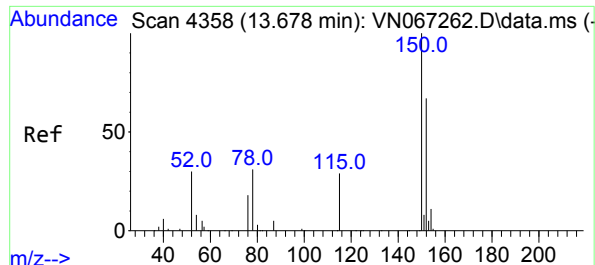
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-01-060921ME



#69
o-Xylene
Concen: 4.45 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. 0.000 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

Tgt Ion:106 Resp: 40629
Ion Ratio Lower Upper
106 100
91 243.5 102.3 306.8

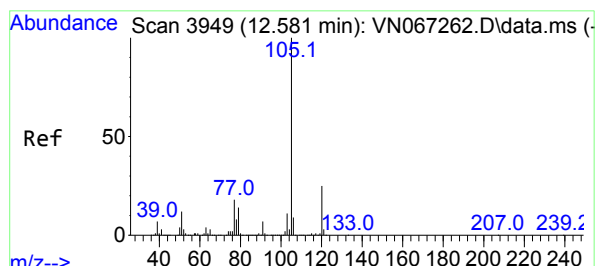
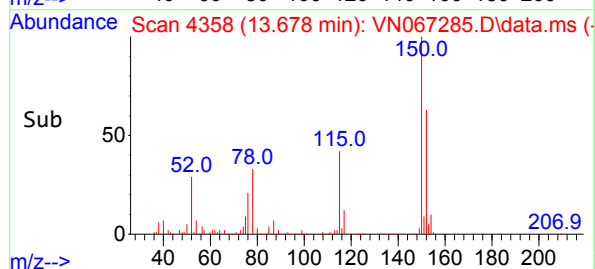
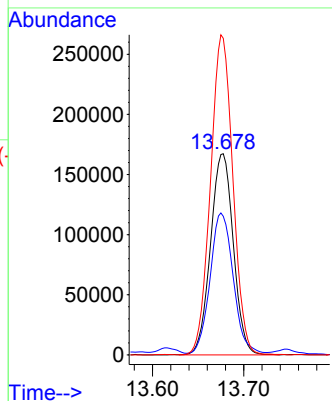
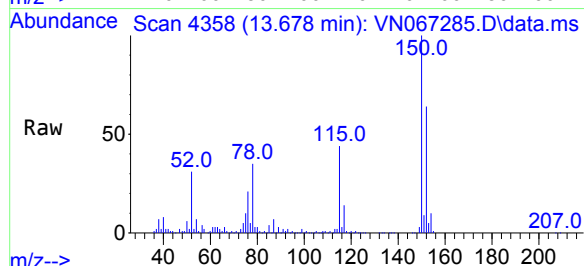




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

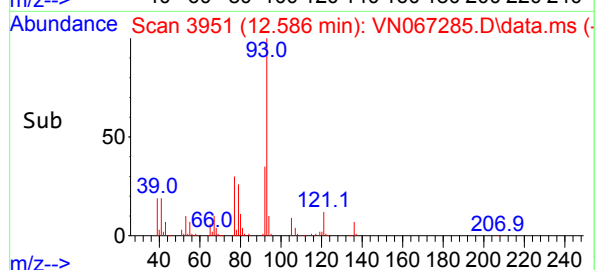
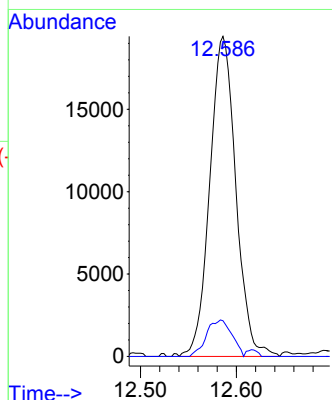
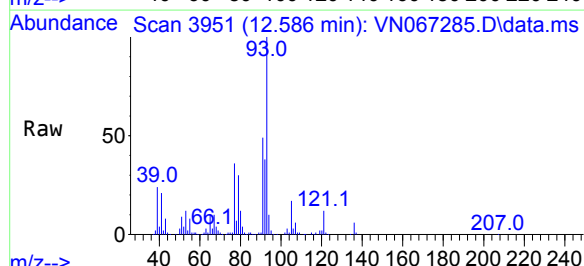
Tgt Ion:152 Resp: 290407
Ion Ratio Lower Upper
152 100
115 70.1 27.0 80.8
150 156.4 0.0 350.2

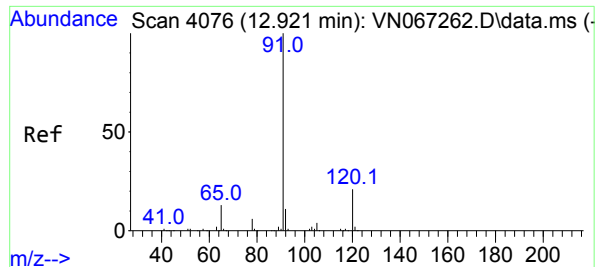
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-01-060921ME



#73
Isopropylbenzene
Concen: 1.34 ug/l
RT: 12.586 min Scan# 3951
Delta R.T. 0.005 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

Tgt Ion:105 Resp: 36668
Ion Ratio Lower Upper
105 100
120 11.1 13.7 41.0#

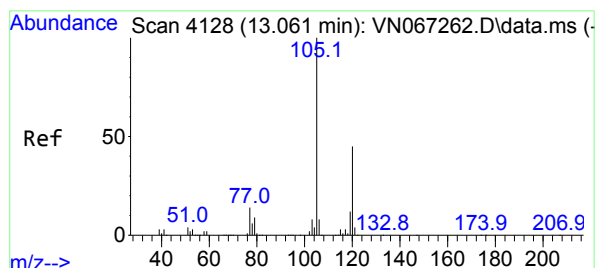
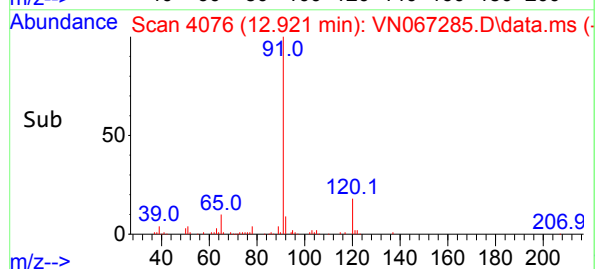
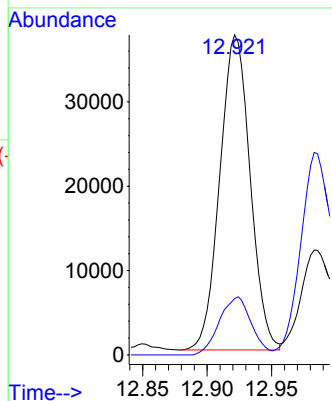
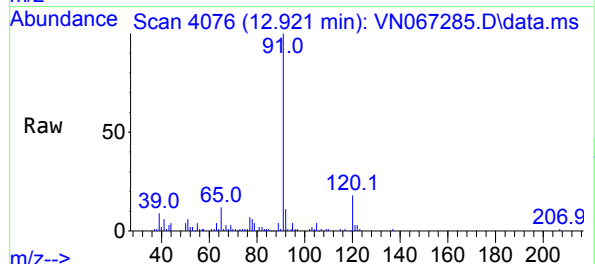




#78
n-propylbenzene
Concen: 1.91 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

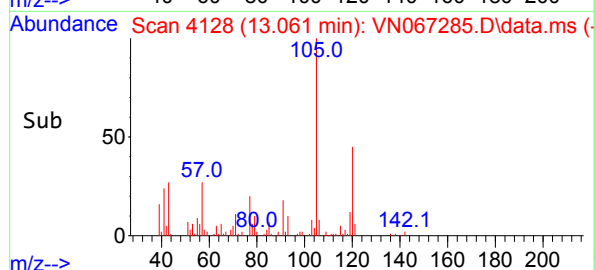
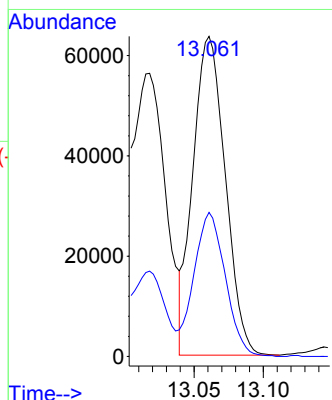
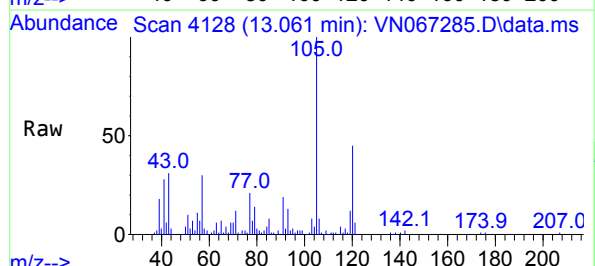
Tgt Ion: 91 Resp: 61032
Ion Ratio Lower Upper
91 100
120 19.3 12.7 38.0

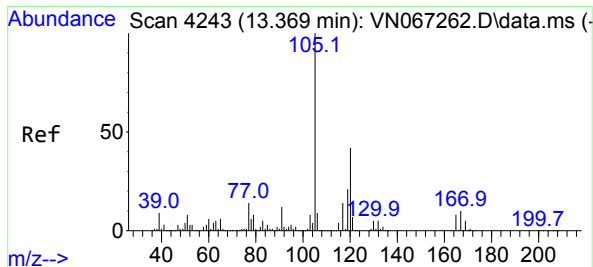
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-01-060921ME



#80
1,3,5-Trimethylbenzene
Concen: 4.42 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

Tgt Ion:105 Resp: 103328
Ion Ratio Lower Upper
105 100
120 44.4 25.0 75.0

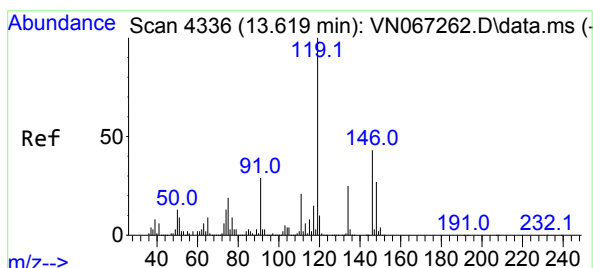
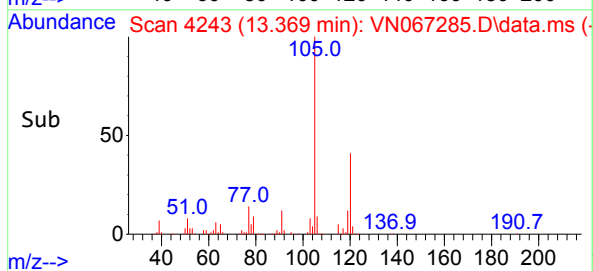
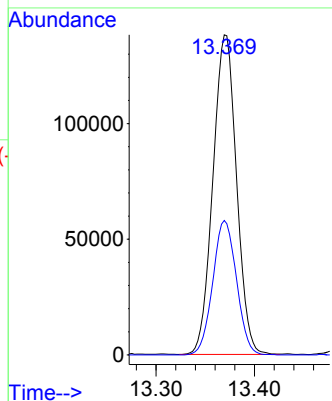
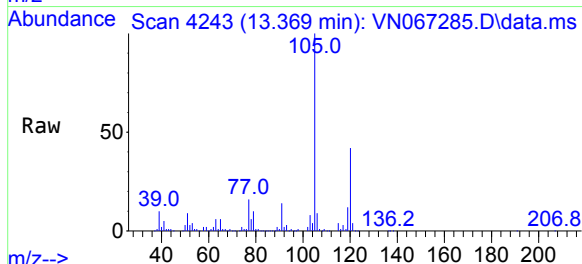




#84
1,2,4-Trimethylbenzene
Concen: 10.07 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

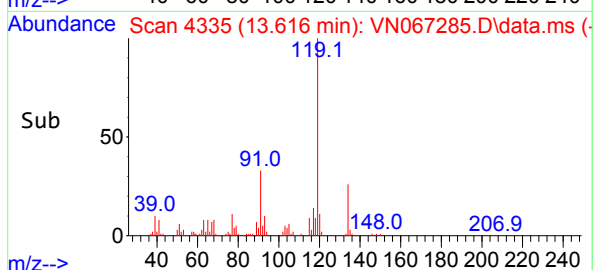
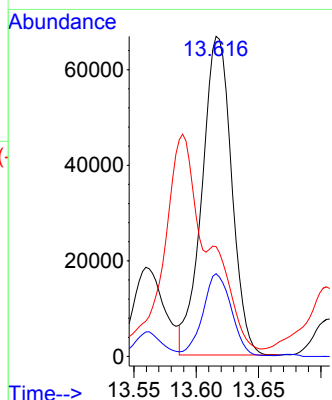
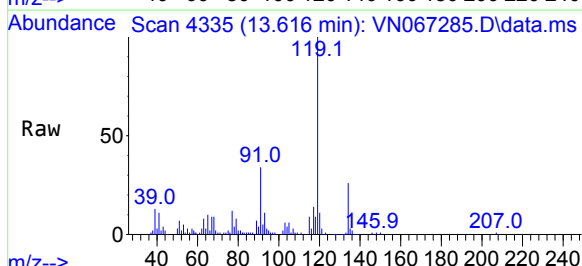
Tgt Ion:105 Resp: 230461
Ion Ratio Lower Upper
105 100
120 42.3 23.8 71.2

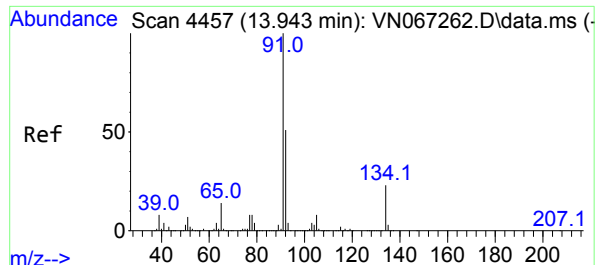
Instrument :
MSVOA_N
ClientSampled :
TMR-DS-01-060921ME



#86
p-Isopropyltoluene
Concen: 4.86 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.003 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

Tgt Ion:119 Resp: 110239
Ion Ratio Lower Upper
119 100
134 24.7 13.3 39.9
91 0.0 10.7 32.1#

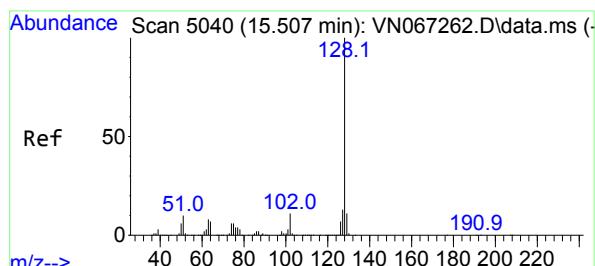
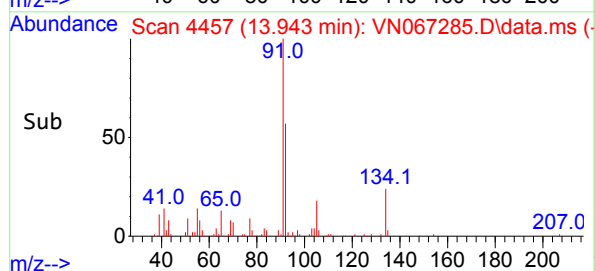
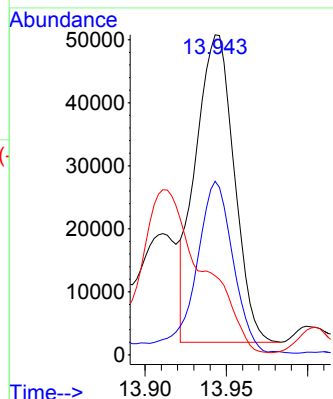
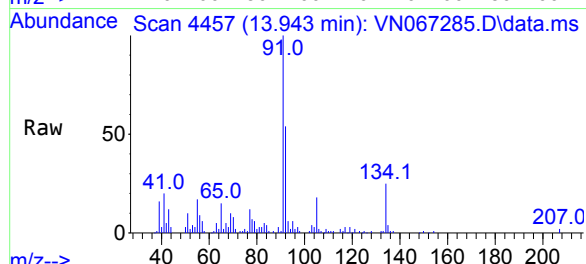




#89
n-Butylbenzene
Concen: 3.84 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

Tgt Ion:	91	Resp:	80179
Ion Ratio	Lower	Upper	
91	100		
92	54.4	26.5	79.5
134	0.0	14.3	42.9#

Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-01-060921ME



#95
Naphthalene
Concen: 28.84 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067285.D
Acq: 11 Jun 2021 13:53

Tgt Ion:	128	Resp:	423950
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.2
129	11.4	8.6	13.0

