

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066807.D
 Acq On : 28 Apr 2021 13:11
 Operator : JC/MD
 Sample : M2136-05 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31032

Quant Time: Apr 29 04:29:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

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

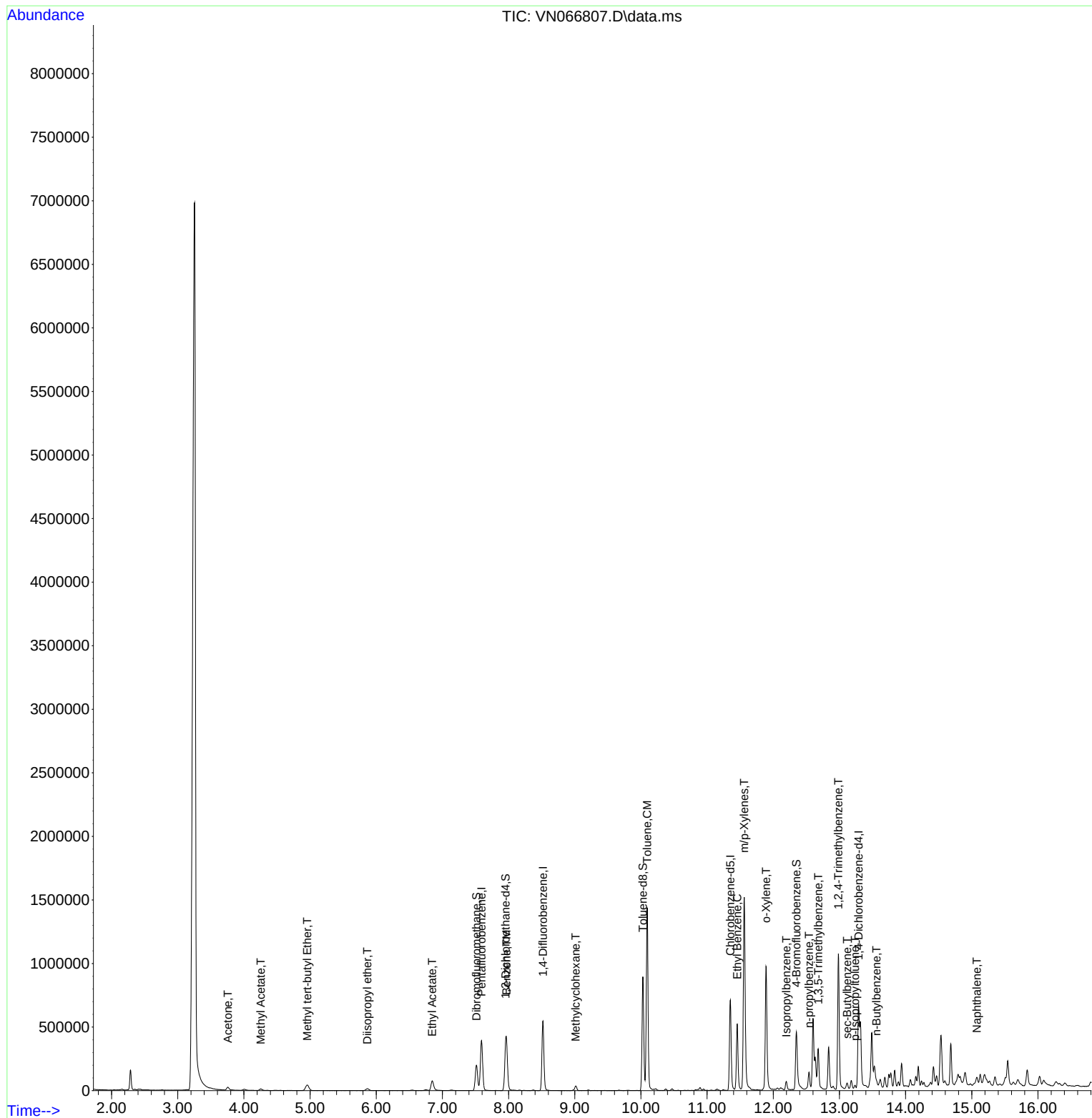
Internal Standards						
1) Pentafluorobenzene	7.591	168	345561	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	522724	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	462868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	228553	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	185945	41.88	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	83.76%		
35) Dibromofluoromethane	7.516	113	158601	49.15	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.30%		
50) Toluene-d8	10.029	98	626028	49.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.86%		
62) 4-Bromofluorobenzene	12.349	95	206563	48.20	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.40%		
Target Compounds					Qvalue	
16) Acetone	3.758	43	36209	21.62	ug/l	99
18) Methyl Acetate	4.255	43	25073	6.54	ug/l	96
19) Methyl tert-butyl Ether	4.957	73	78374	6.62	ug/l	95
22) Diisopropyl ether	5.864	45	20810	1.61	ug/l	94
37) Ethyl Acetate	6.845	43	131654	25.52	ug/l	97
39) Methylcyclohexane	9.015	83	15651	2.72	ug/l	89
40) Benzene	7.969	78	305243	20.25	ug/l	98
52) Toluene	10.093	92	661609	72.95	ug/l	98
67) Ethyl Benzene	11.456	91	394758	24.18	ug/l	100
68) m/p-Xylenes	11.560	106	515074	85.99	ug/l	100
69) o-Xylene	11.893	106	299608	50.09	ug/l	99
73) Isopropylbenzene	12.196	105	50201	3.00	ug/l	98
78) n-propylbenzene	12.539	91	120508	6.52	ug/l	99
80) 1,3,5-Trimethylbenzene	12.679	105	174751	12.35	ug/l	99
84) 1,2,4-Trimethylbenzene	12.984	105	654222	49.11	ug/l	97
85) sec-Butylbenzene	13.119	105	31226	1.99	ug/l	87
86) p-Isopropyltoluene	13.234	119	17199	1.27	ug/l	96
89) n-Butylbenzene	13.561	91	19383	1.69	ug/l #	81
95) Naphthalene	15.076	128	65766	6.48	ug/l #	95

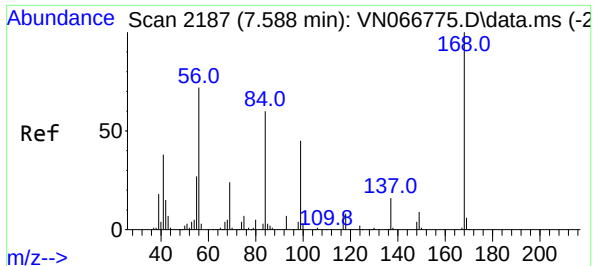
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
Data File : VN066807.D
Acq On : 28 Apr 2021 13:11
Operator : JC/MD
Sample : M2136-05 10X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
31032

Quant Time: Apr 29 04:29:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 27 16:02:50 2021
Response via : Initial Calibration

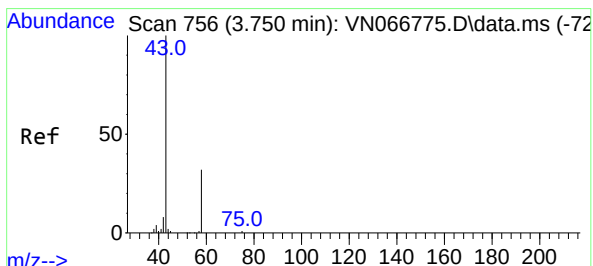
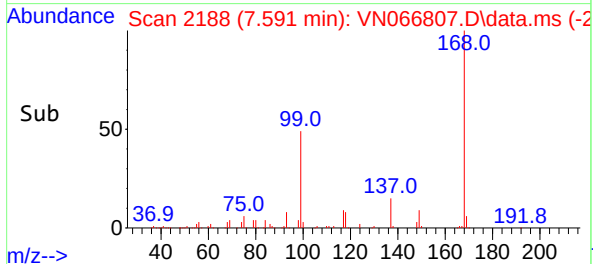
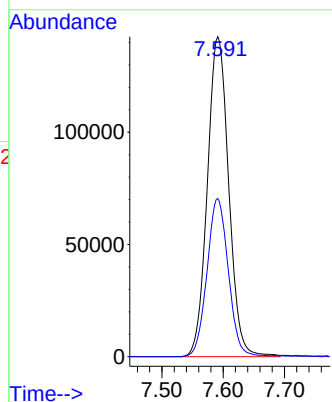
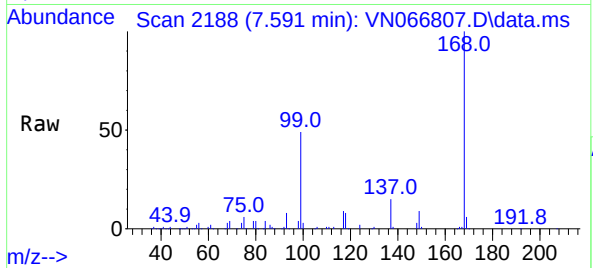




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

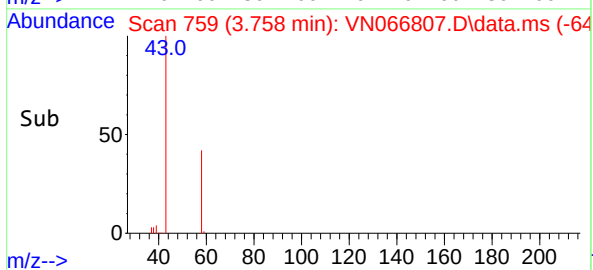
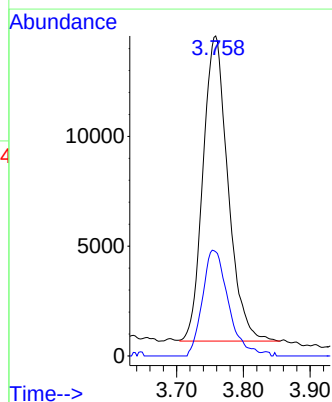
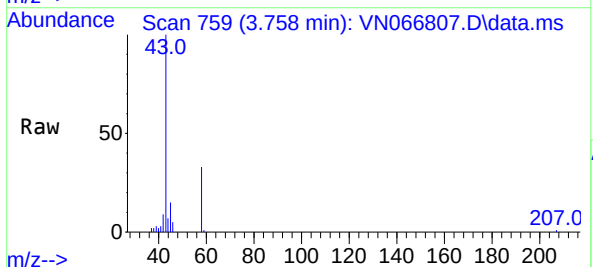
Instrument :
MSVOA_N
ClientSampleId :
31032

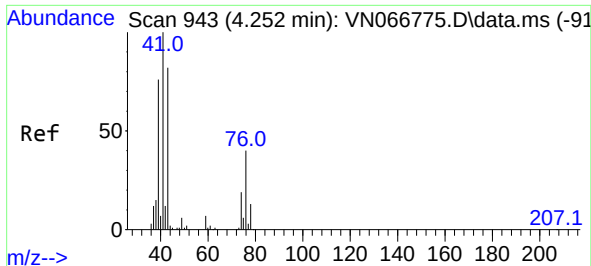
Tgt Ion:168 Resp: 345561
Ion Ratio Lower Upper
168 100
99 49.5 42.6 63.8



#16
Acetone
Concen: 21.62 ug/l
RT: 3.758 min Scan# 759
Delta R.T. 0.008 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion: 43 Resp: 36209
Ion Ratio Lower Upper
43 100
58 34.1 27.0 40.6

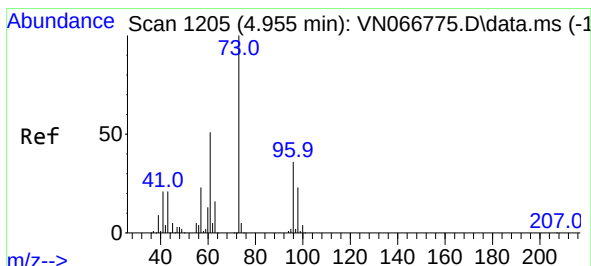
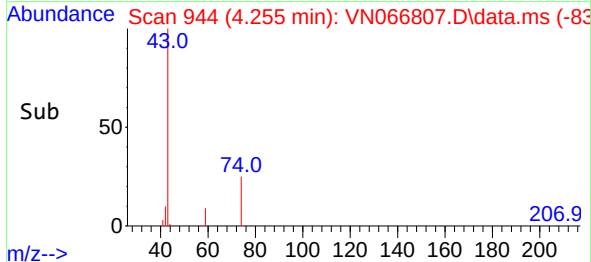
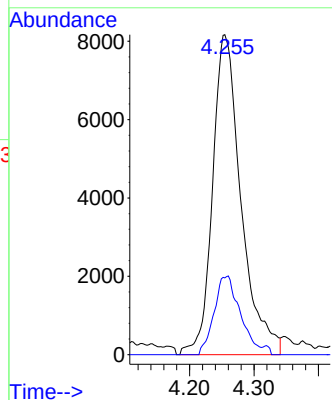
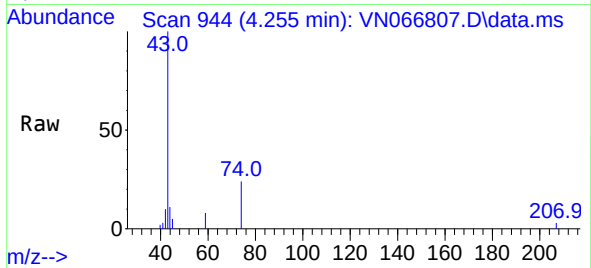




#18
Methyl Acetate
Concen: 6.54 ug/l
RT: 4.255 min Scan# 944
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

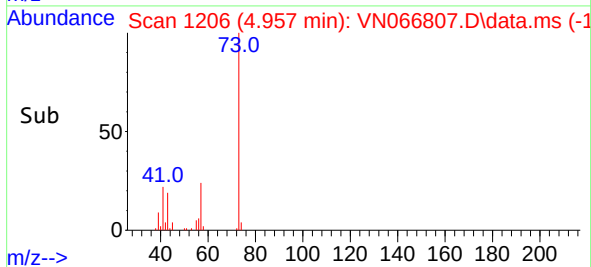
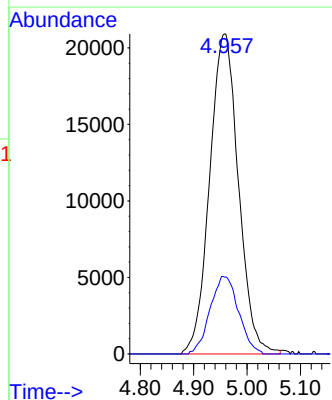
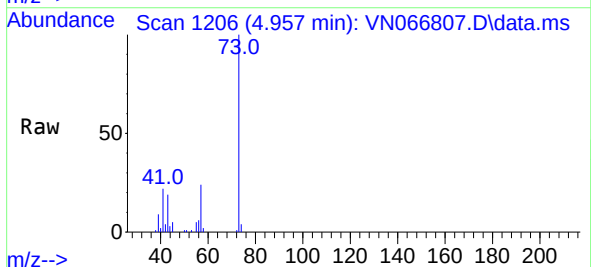
Instrument :
MSVOA_N
ClientSampled :
31032

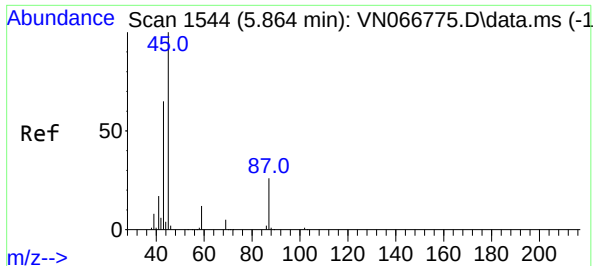
Tgt Ion: 43 Resp: 25073
Ion Ratio Lower Upper
43 100
74 22.5 19.5 29.3



#19
Methyl tert-butyl Ether
Concen: 6.62 ug/l
RT: 4.957 min Scan# 1206
Delta R.T. 0.002 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion: 73 Resp: 78374
Ion Ratio Lower Upper
73 100
57 24.0 17.3 25.9

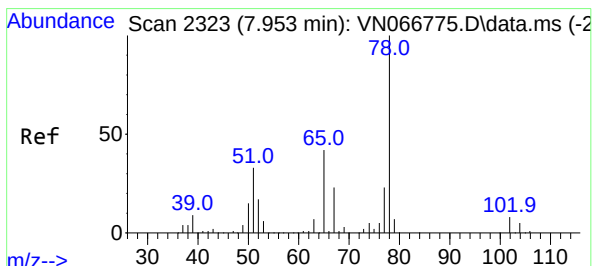
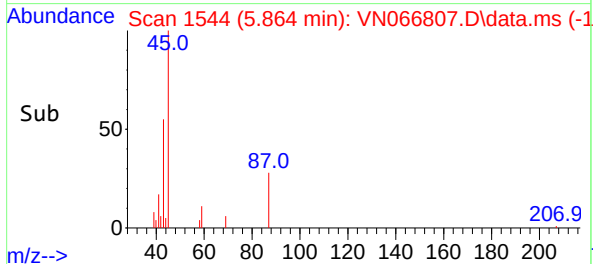
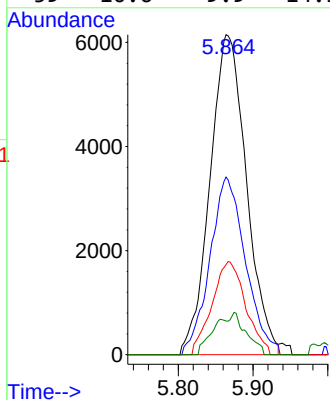
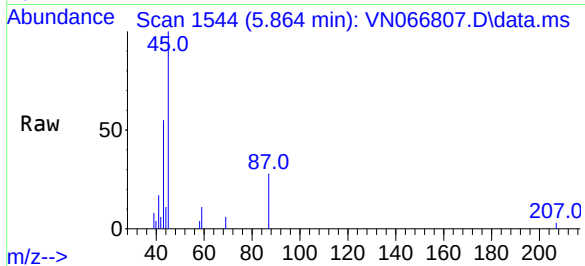




#22
Diisopropyl ether
Concen: 1.61 ug/l
RT: 5.864 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

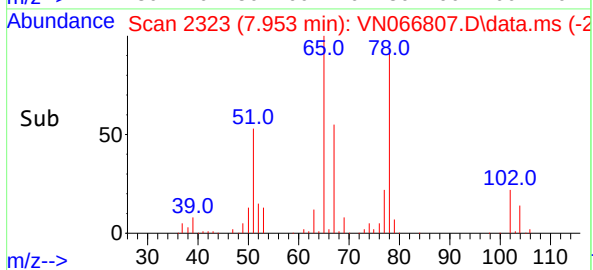
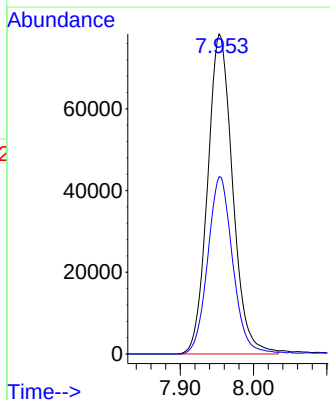
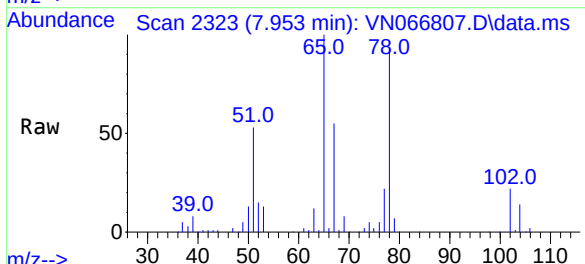
Instrument :
MSVOA_N
ClientSampled :
31032

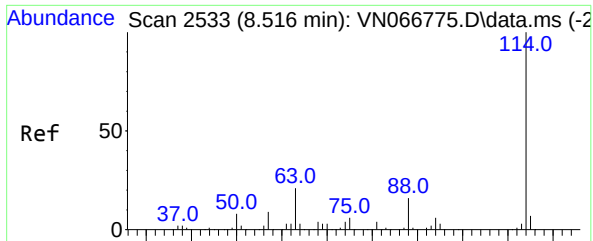
Tgt Ion:	45	Resp:	20810
Ion	Ratio	Lower	Upper
45	100		
43	55.5	48.9	73.3
87	28.2	23.7	35.5
59	10.6	9.9	14.9



#33
1,2-Dichloroethane-d4
Concen: 41.88 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion:	65	Resp:	185945
Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	107.2

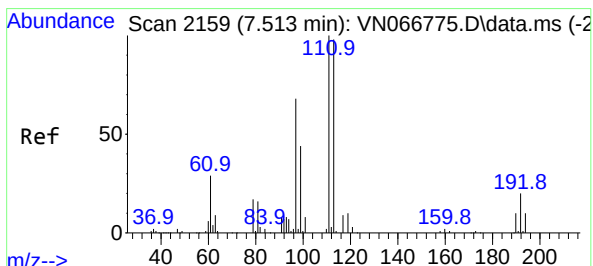
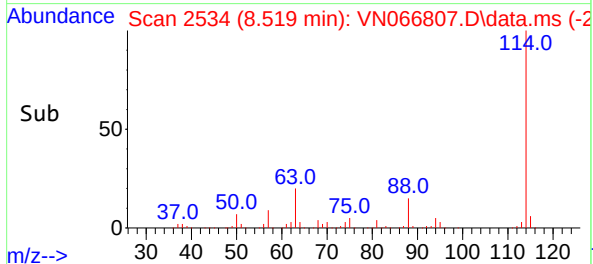
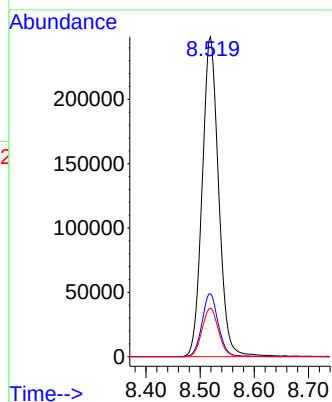
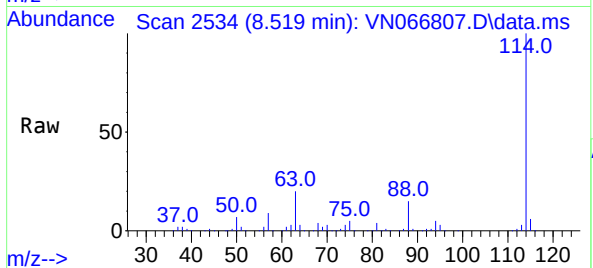




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

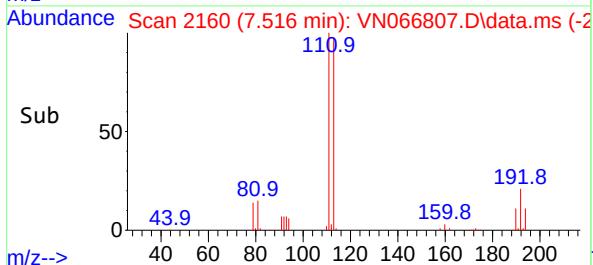
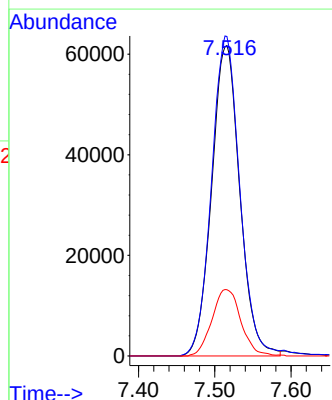
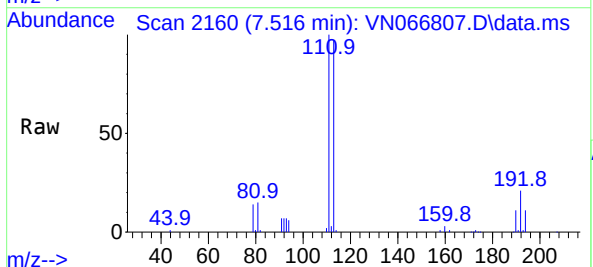
Instrument :
MSVOA_N
ClientSampled :
31032

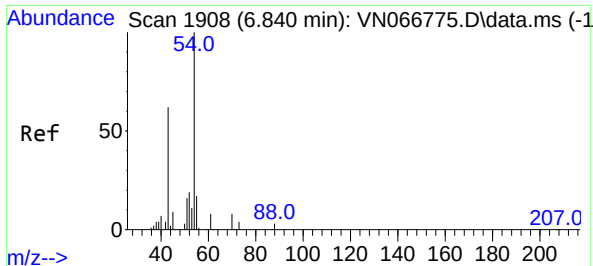
Tgt Ion:114 Resp: 522724
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.6
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.15 ug/l
RT: 7.516 min Scan# 2160
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion:113 Resp: 158601
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 21.9 15.4 23.0





#37

Ethyl Acetate

Concen: 25.52 ug/l

RT: 6.845 min Scan# 1910

Delta R.T. 0.005 min

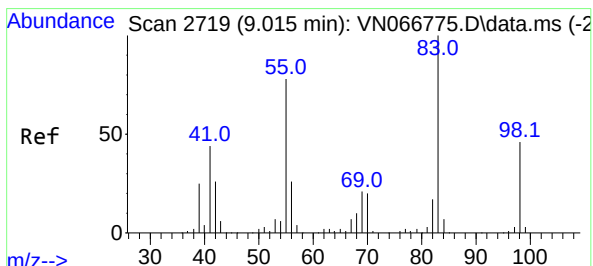
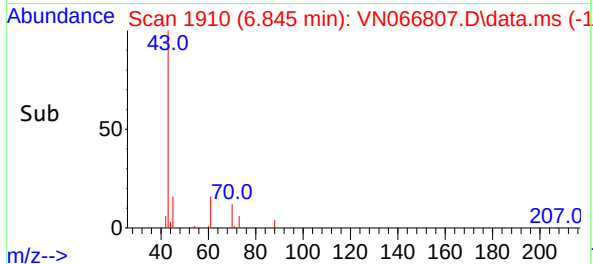
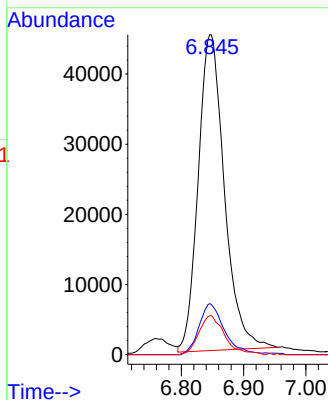
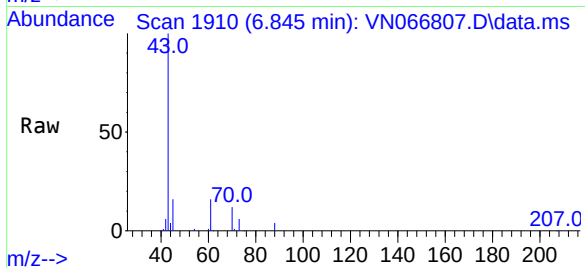
Lab File: VN066807.D

Acq: 28 Apr 2021 13:11

Instrument :
MSVOA_N
ClientSampled :
31032

Tgt Ion: 43 Resp: 131654

Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.6	17.4
70	12.2	8.6	13.0



#39

Methylcyclohexane

Concen: 2.72 ug/l

RT: 9.015 min Scan# 2719

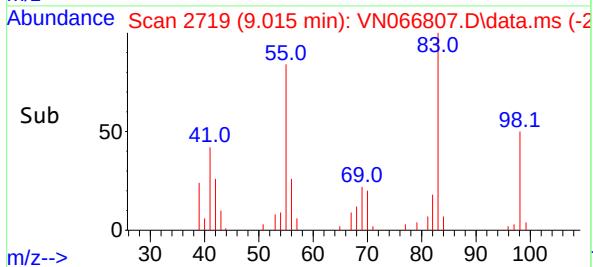
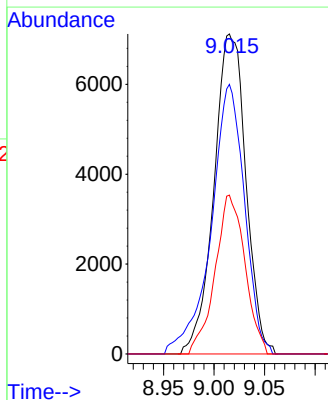
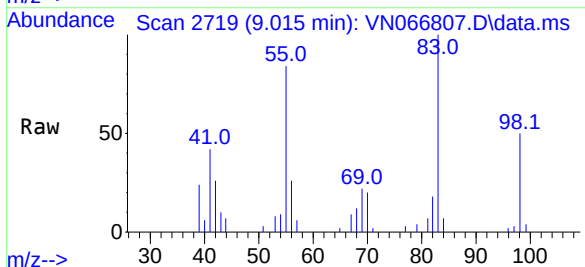
Delta R.T. 0.000 min

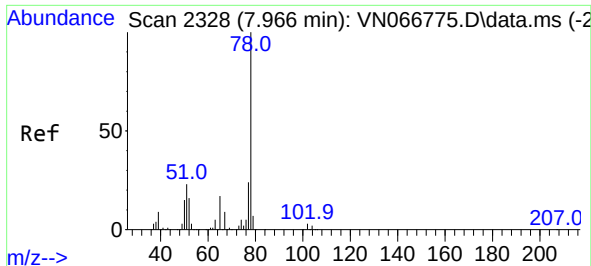
Lab File: VN066807.D

Acq: 28 Apr 2021 13:11

Tgt Ion: 83 Resp: 15651

Ion	Ratio	Lower	Upper
83	100		
55	84.2	58.9	88.3
98	49.6	35.9	53.9

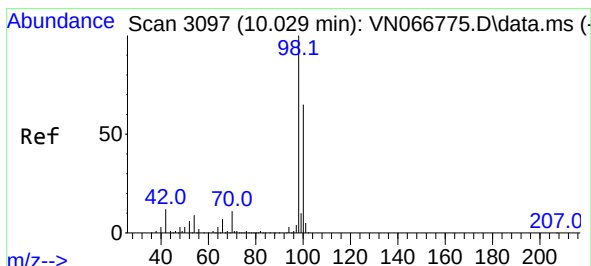
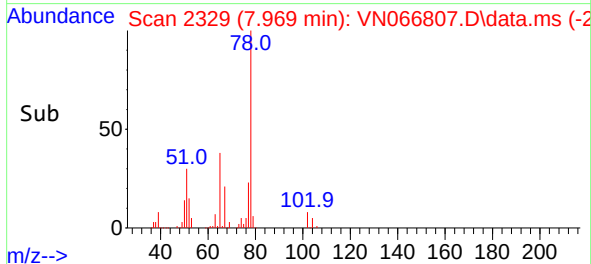
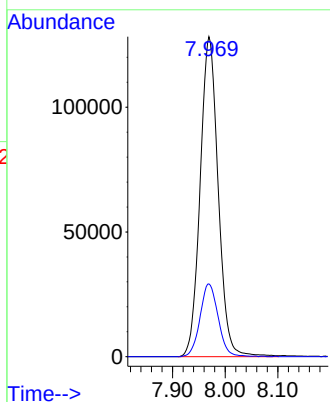
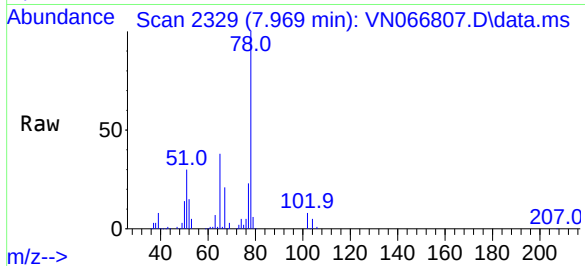




#40
Benzene
Concen: 20.25 ug/l
RT: 7.969 min Scan# 2329
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

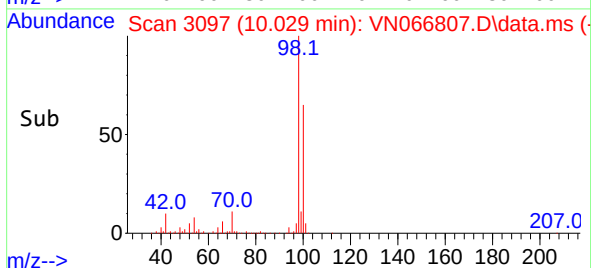
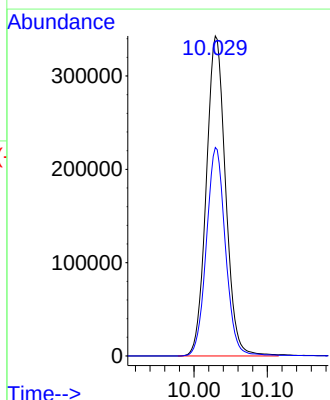
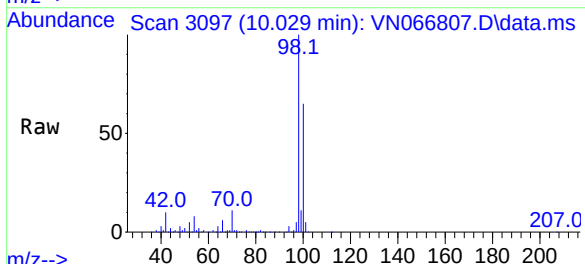
Instrument :
MSVOA_N
ClientSampled :
31032

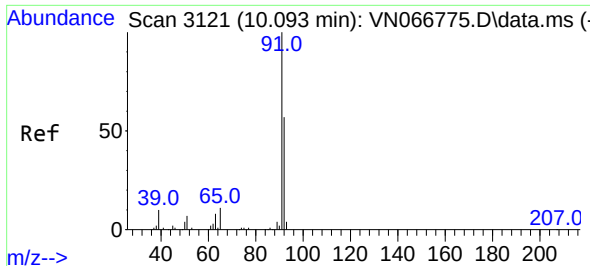
Tgt Ion: 78 Resp: 305243
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.4



#50
Toluene-d8
Concen: 49.43 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. -0.000 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion: 98 Resp: 626028
Ion Ratio Lower Upper
98 100
100 64.6 50.5 75.7

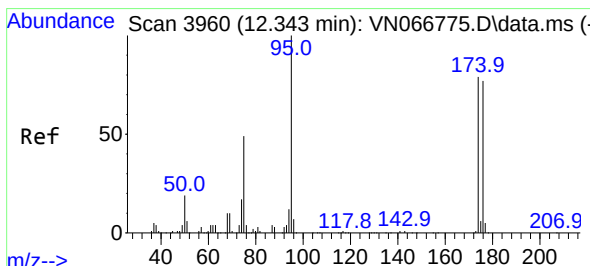
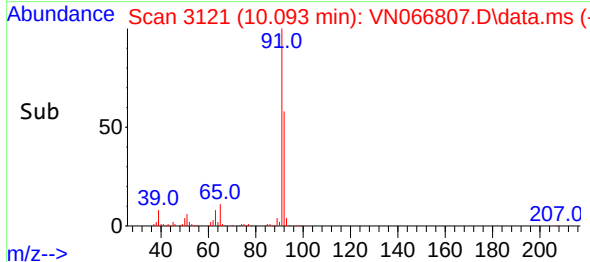
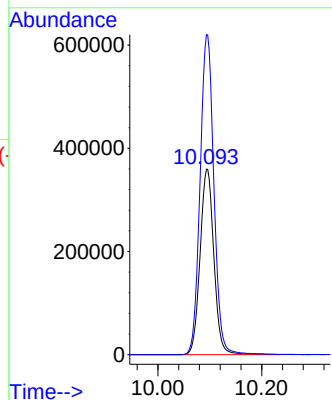
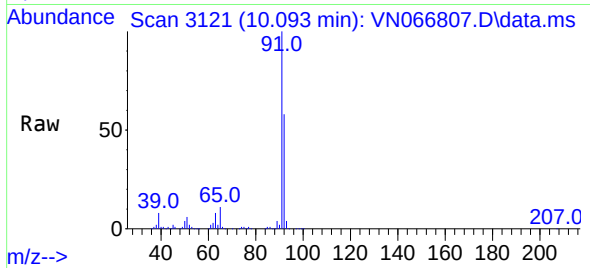




#52
Toluene
Concen: 72.95 ug/l
RT: 10.093 min Scan# 3121
Delta R.T. 0.000 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

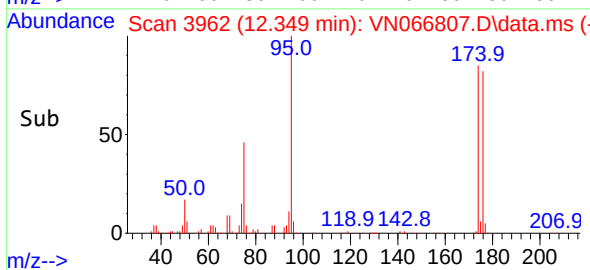
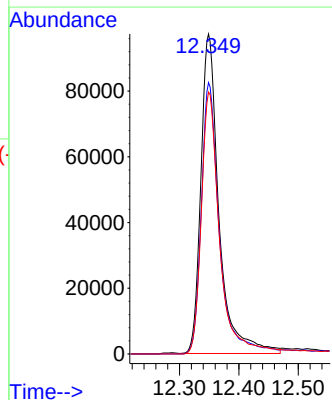
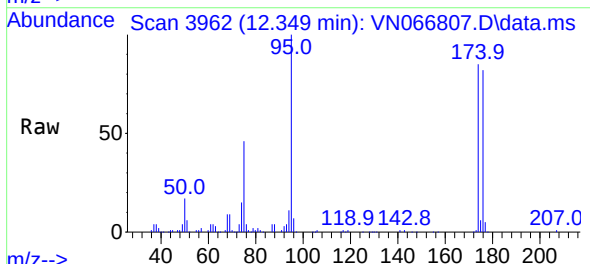
Instrument :
MSVOA_N
ClientSampled :
31032

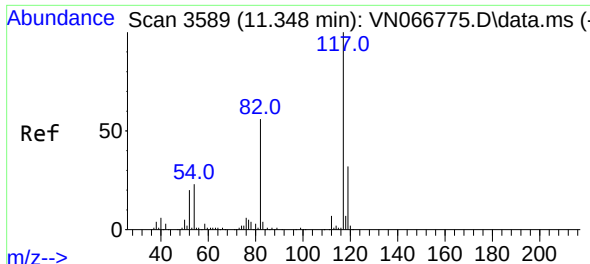
Tgt Ion: 92 Resp: 661609
Ion Ratio Lower Upper
92 100
91 173.4 140.7 211.1



#62
4-Bromofluorobenzene
Concen: 48.20 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion: 95 Resp: 206563
Ion Ratio Lower Upper
95 100
174 84.9 0.0 169.0
176 83.2 0.0 162.4

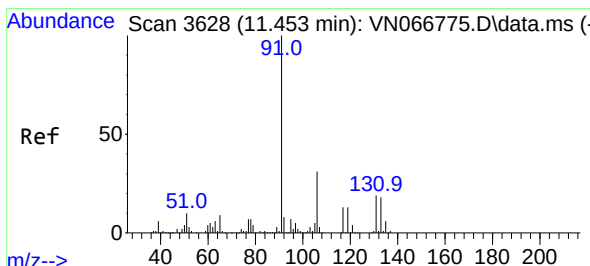
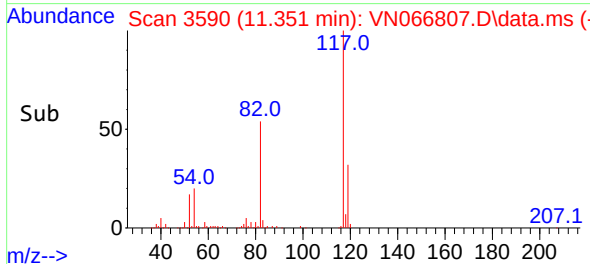
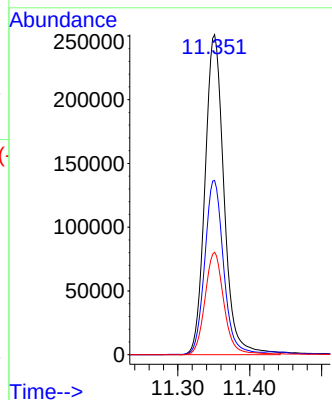
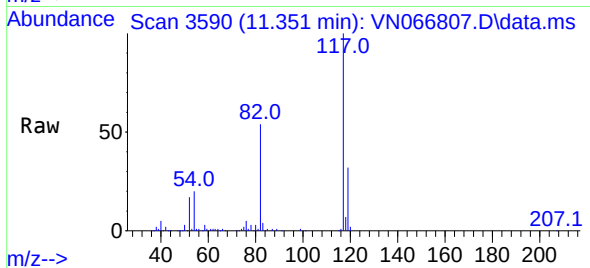




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

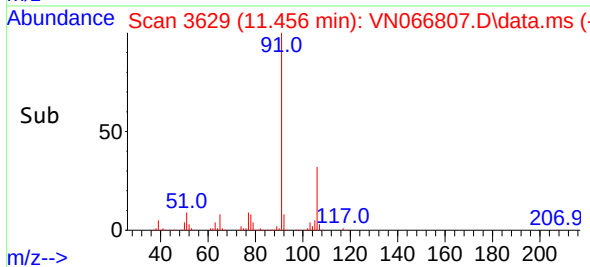
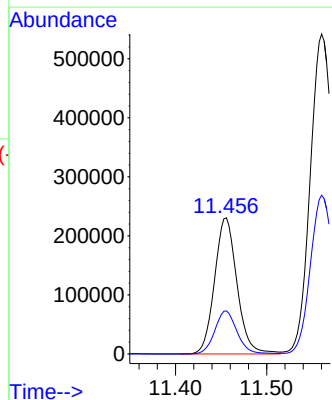
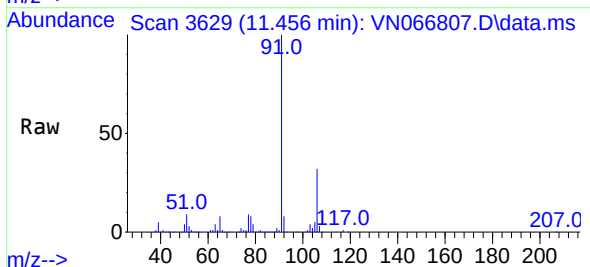
Instrument :
MSVOA_N
ClientSampled :
31032

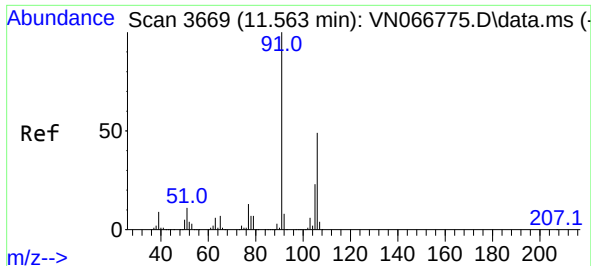
Tgt Ion:117 Resp: 462868
Ion Ratio Lower Upper
117 100
82 54.4 43.7 65.5
119 32.0 26.1 39.1



#67
Ethyl Benzene
Concen: 24.18 ug/l
RT: 11.456 min Scan# 3629
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion: 91 Resp: 394758
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

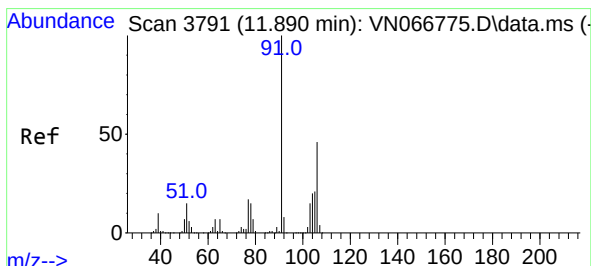
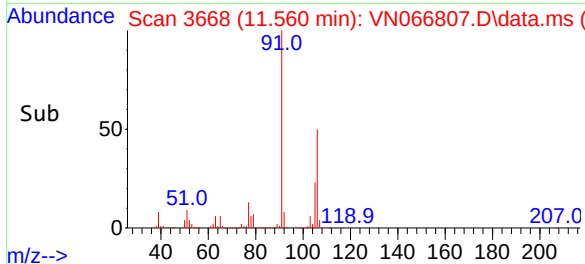
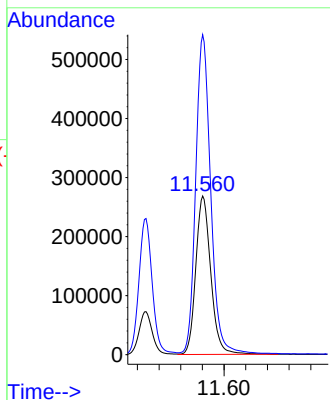
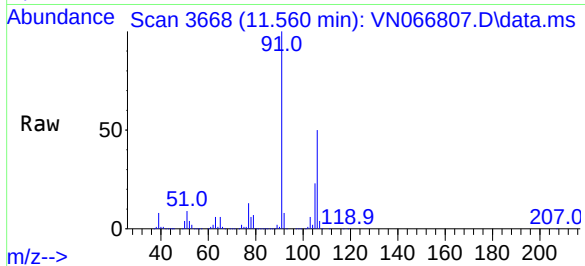




#68
m/p-Xylenes
Concen: 85.99 ug/l
RT: 11.560 min Scan# 3668
Delta R.T. -0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

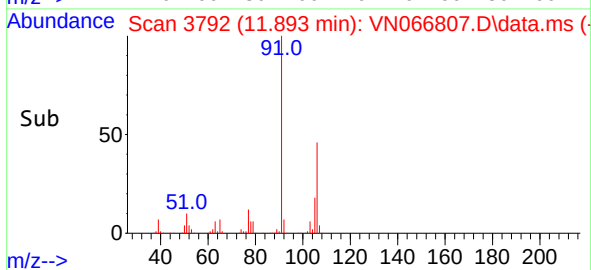
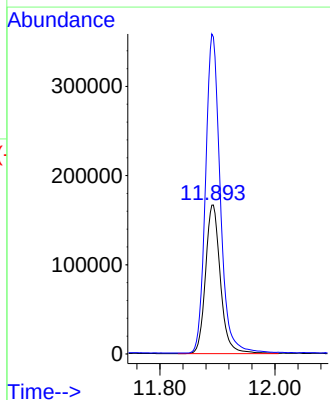
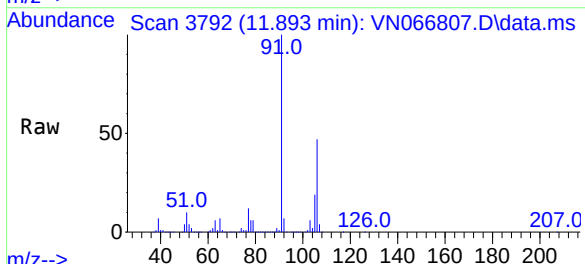
Instrument :
MSVOA_N
ClientSampleId :
31032

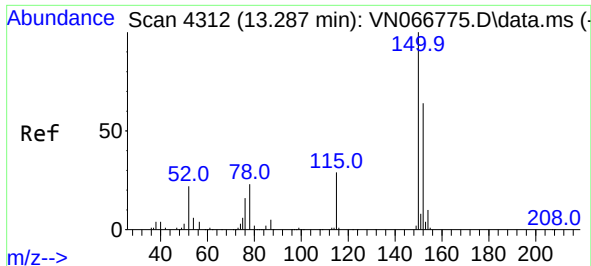
Tgt Ion:106 Resp: 515074
Ion Ratio Lower Upper
106 100
91 201.5 161.4 242.0



#69
o-Xylene
Concen: 50.09 ug/l
RT: 11.893 min Scan# 3792
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion:106 Resp: 299608
Ion Ratio Lower Upper
106 100
91 212.0 106.8 320.4

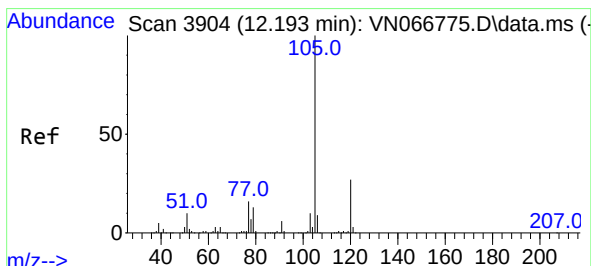
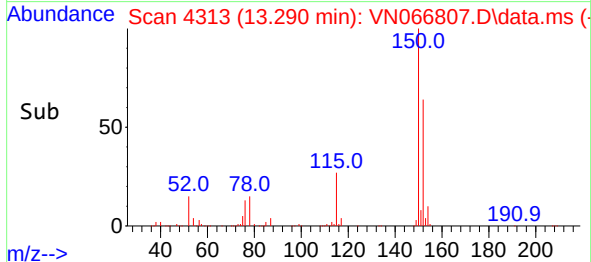
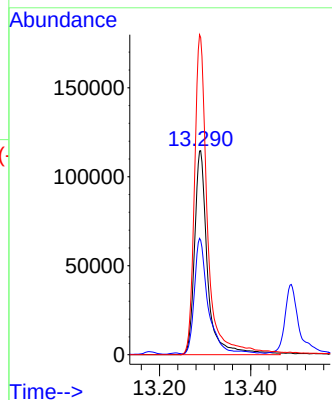
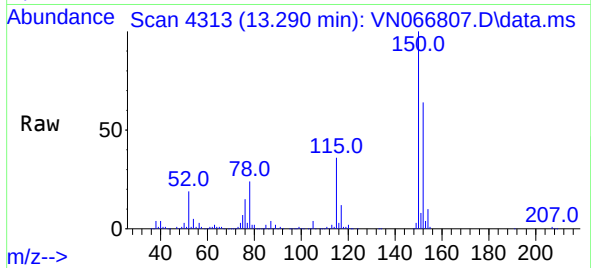




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.290 min Scan# 4313
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

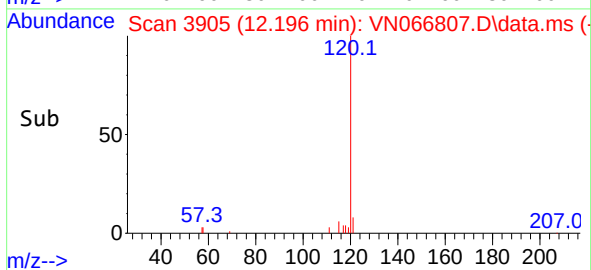
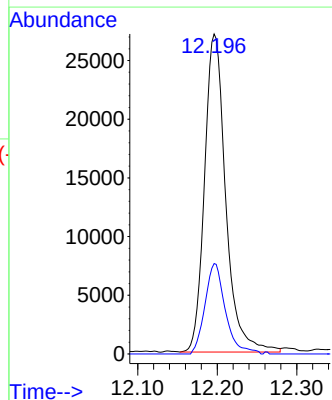
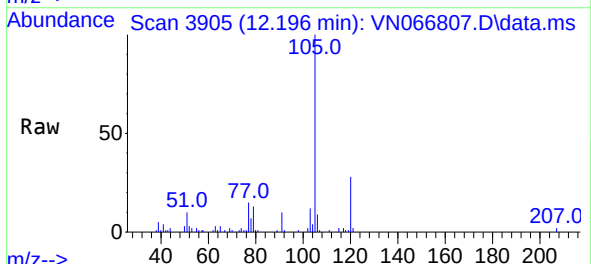
Instrument :
MSVOA_N
ClientSampled :
31032

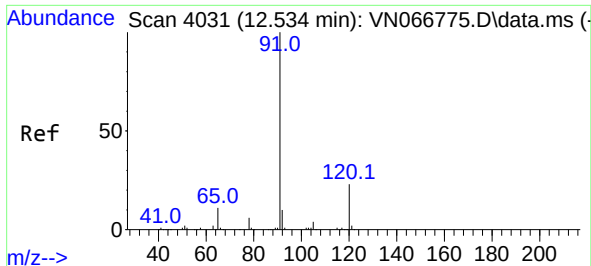
Tgt Ion:152 Resp: 228553
Ion Ratio Lower Upper
152 100
115 58.5 28.5 85.6
150 152.3 0.0 347.6



#73
Isopropylbenzene
Concen: 3.00 ug/l
RT: 12.196 min Scan# 3905
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion:105 Resp: 50201
Ion Ratio Lower Upper
105 100
120 27.4 13.3 39.9

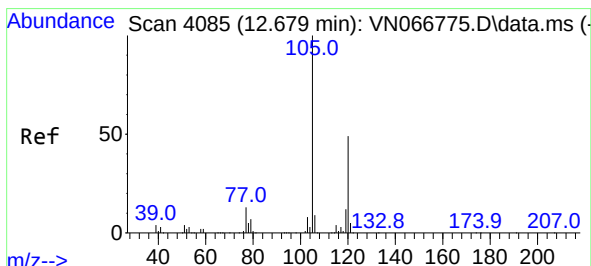
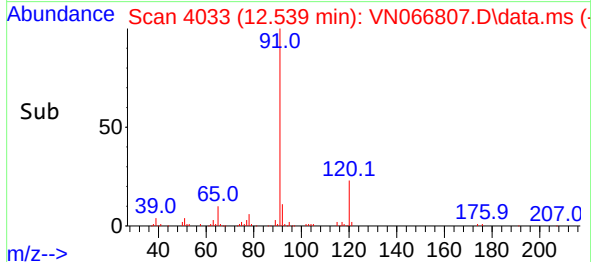
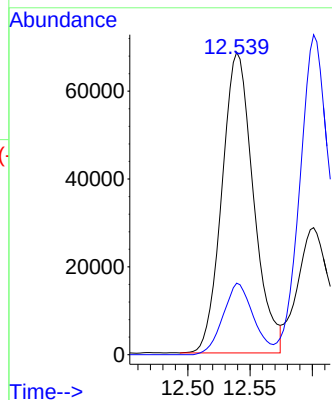
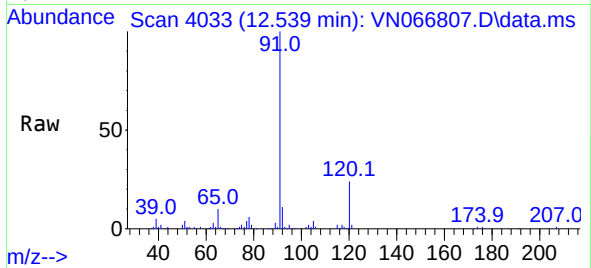




#78
n-propylbenzene
Concen: 6.52 ug/l
RT: 12.539 min Scan# 4033
Delta R.T. 0.005 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

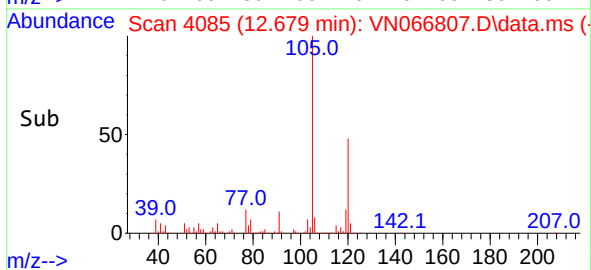
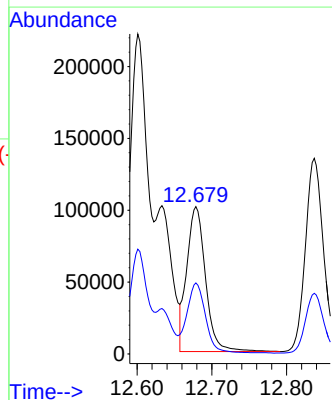
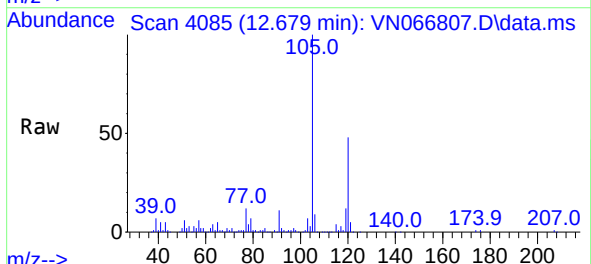
Instrument :
MSVOA_N
ClientSampled :
31032

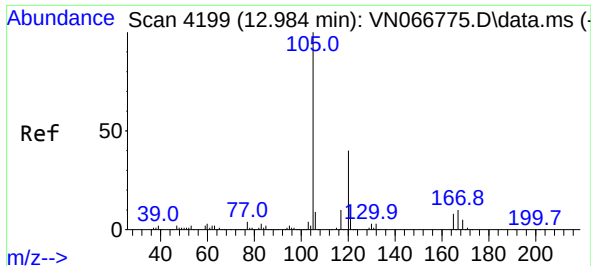
Tgt Ion: 91 Resp: 120508
Ion Ratio Lower Upper
91 100
120 22.9 11.8 35.3



#80
1,3,5-Trimethylbenzene
Concen: 12.35 ug/l
RT: 12.679 min Scan# 4085
Delta R.T. -0.000 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion:105 Resp: 174751
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.8

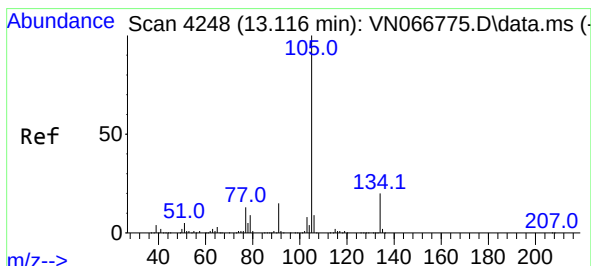
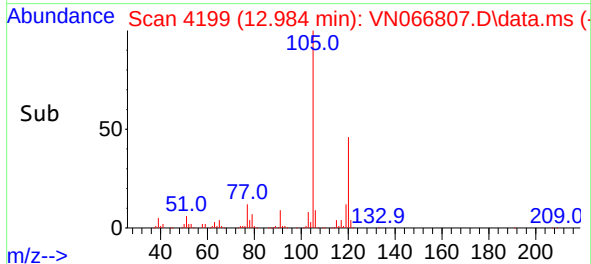
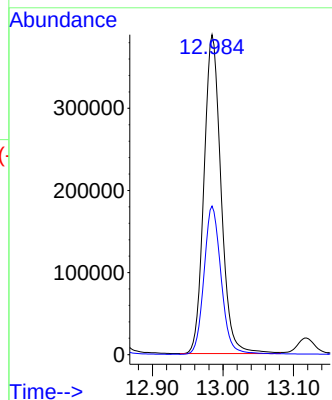
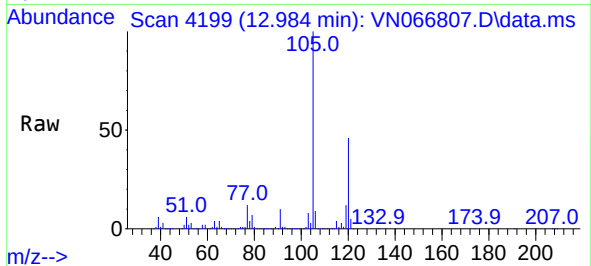




#84
1,2,4-Trimethylbenzene
Concen: 49.11 ug/l
RT: 12.984 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

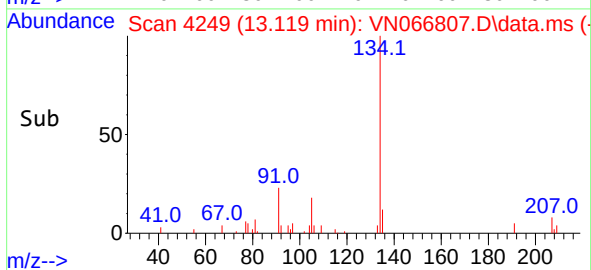
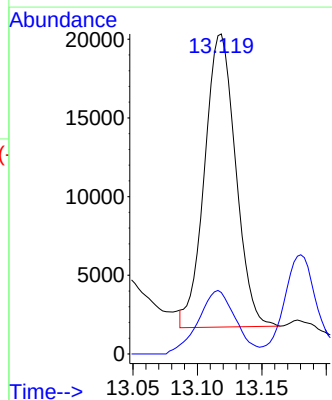
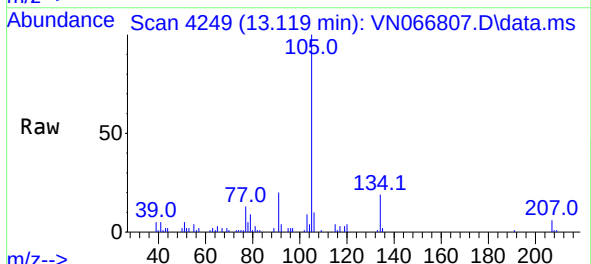
Instrument :
MSVOA_N
ClientSampled :
31032

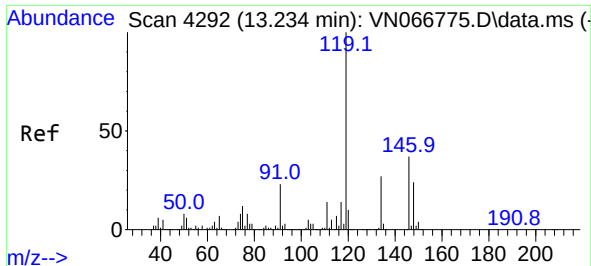
Tgt Ion:105 Resp: 654222
Ion Ratio Lower Upper
105 100
120 46.6 22.4 67.0



#85
sec-Butylbenzene
Concen: 1.99 ug/l
RT: 13.119 min Scan# 4249
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion:105 Resp: 31226
Ion Ratio Lower Upper
105 100
134 26.0 10.0 30.0

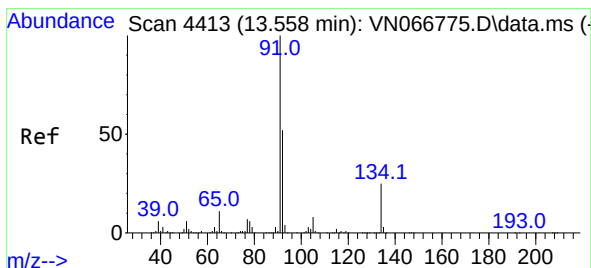
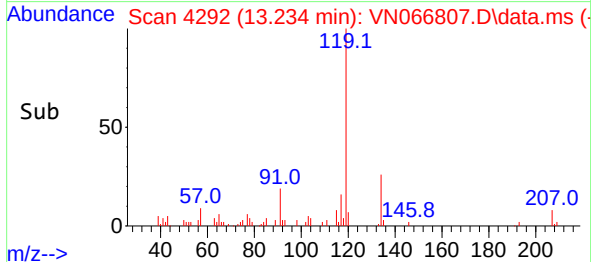
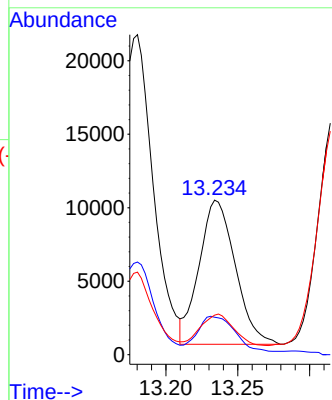
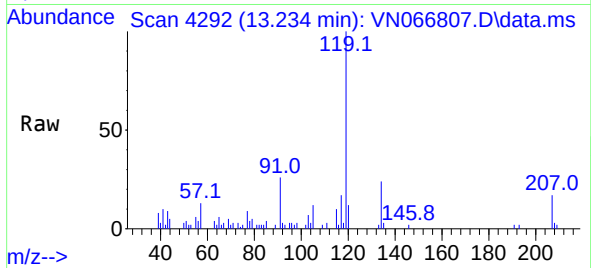




#86
p-Isopropyltoluene
Concen: 1.27 ug/l
RT: 13.234 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

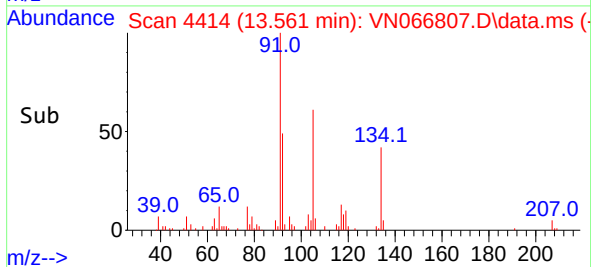
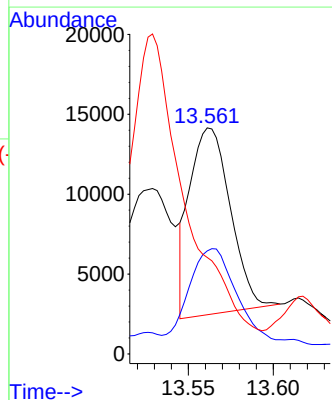
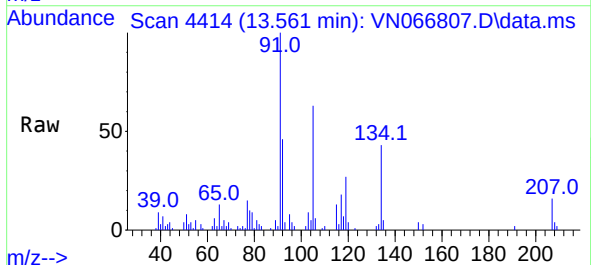
Instrument :
MSVOA_N
ClientSampled :
31032

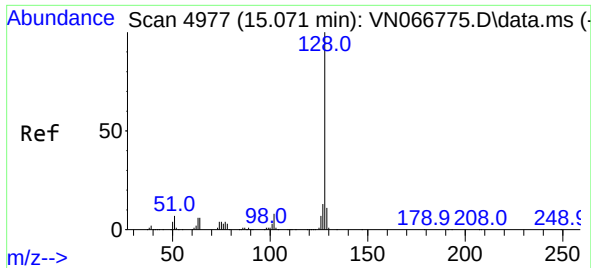
Tgt Ion:	119	Resp:	17199
Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.3	39.8
91	19.7	11.8	35.3



#89
n-Butylbenzene
Concen: 1.69 ug/l
RT: 13.561 min Scan# 4414
Delta R.T. 0.003 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Tgt Ion:	91	Resp:	19383
Ion	Ratio	Lower	Upper
91	100		
92	54.6	26.1	78.3
134	0.0	13.0	38.9#





#95
Naphthalene
Concen: 6.48 ug/l
RT: 15.076 min Scan# 4979
Delta R.T. 0.005 min
Lab File: VN066807.D
Acq: 28 Apr 2021 13:11

Instrument :
MSVOA_N
ClientSampleId :
31032

Tgt Ion:	128	Resp:	65766
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.2	15.2
129	7.6	8.6	13.0#

