

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010821\
 Data File : VN065442.D
 Acq On : 8 Jan 2021 14:35
 Operator : JC/MD
 Sample : M1022-02MEDL 10X
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 40967MEDL

Quant Time: Jan 08 22:46:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

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

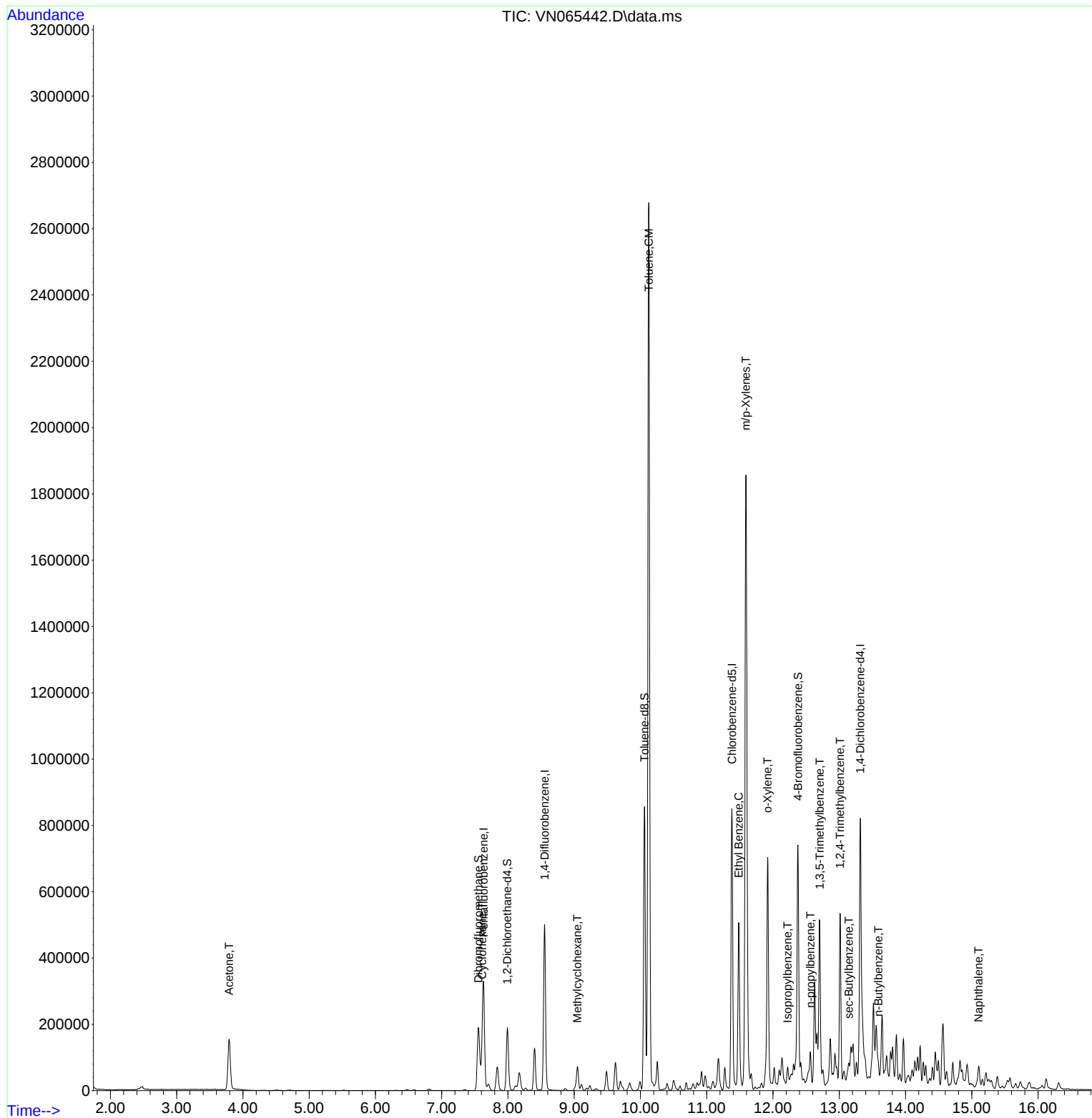
Internal Standards						
1) Pentafluorobenzene	7.630	168	293614	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	475218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	521410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	233308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	164346	49.58	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.16%			
35) Dibromofluoromethane	7.553	113	145727	50.83	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.66%			
50) Toluene-d8	10.061	98	600153	55.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 111.70%			
62) 4-Bromofluorobenzene	12.376	95	246898	57.27	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.54%			
Target Compounds					Qvalue	
16) Acetone	3.791	43	251439	177.65	ug/l	99
31) Cyclohexane	7.611	56	15971	3.26	ug/l #	75
39) Methylcyclohexane	9.045	83	26183	5.04	ug/l	97
52) Toluene	10.125	92	1224364	151.12	ug/l	99
67) Ethyl Benzene	11.482	91	367916	19.24	ug/l	100
68) m/p-Xylenes	11.592	106	596975	82.86	ug/l	100
69) o-Xylene	11.920	106	193015	27.60	ug/l	98
73) Isopropylbenzene	12.222	105	32640	1.84	ug/l	100
78) n-propylbenzene	12.566	91	82197	4.10	ug/l	100
80) 1,3,5-Trimethylbenzene	12.707	105	81415	5.37	ug/l	98
84) 1,2,4-Trimethylbenzene	13.013	105	293657	19.90	ug/l	100
85) sec-Butylbenzene	13.145	105	27057	1.58	ug/l	82
89) n-Butylbenzene	13.588	91	27672	2.06	ug/l #	77
95) Naphthalene	15.103	128	51783	7.37	ug/l	99

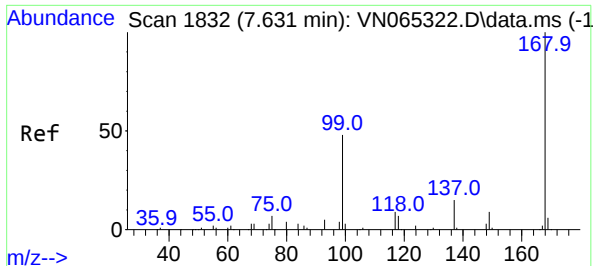
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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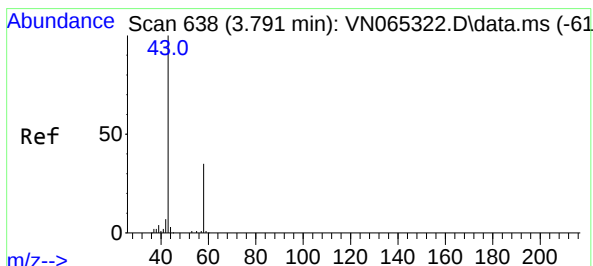
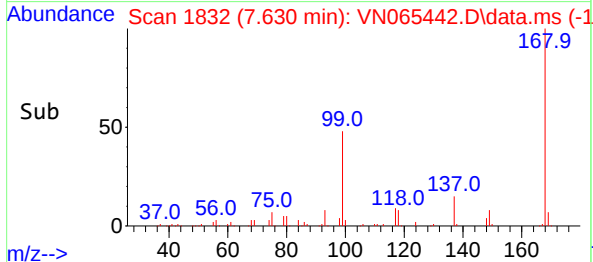
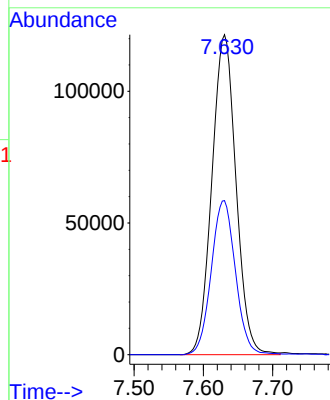
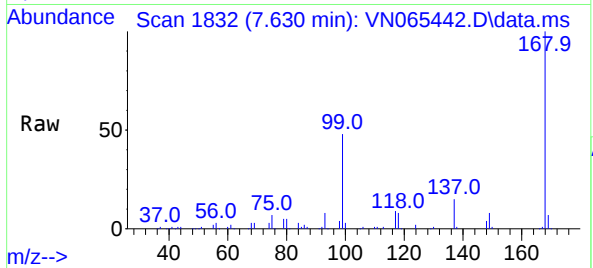




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.630 min Scan# 1832
Delta R.T. 0.003 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

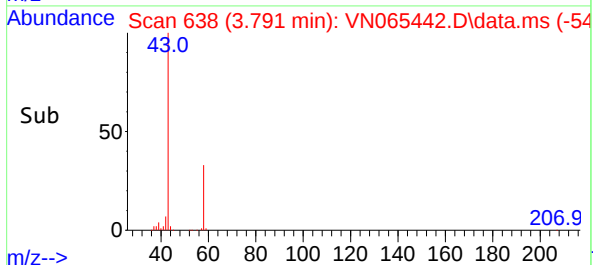
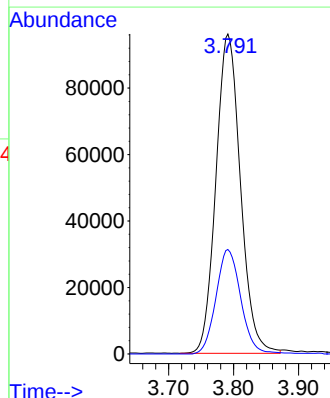
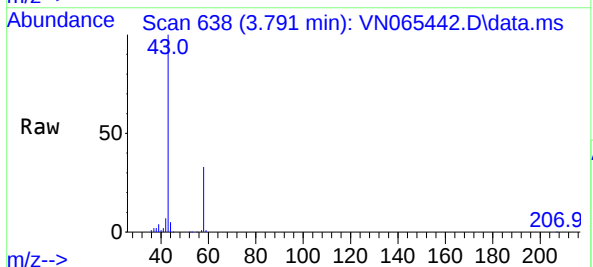
Instrument :
MSVOA_N
ClientSampleId :
40967MEDL

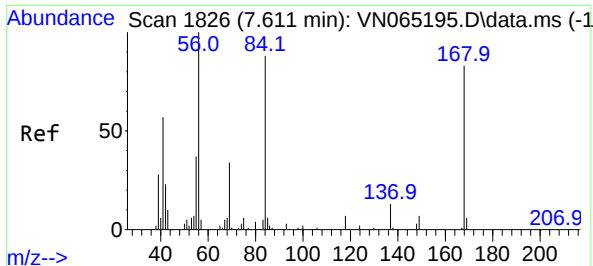
Tgt Ion:168 Resp: 293614
Ion Ratio Lower Upper
168 100
99 48.2 43.0 64.4



#16
Acetone
Concen: 177.65 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.006 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

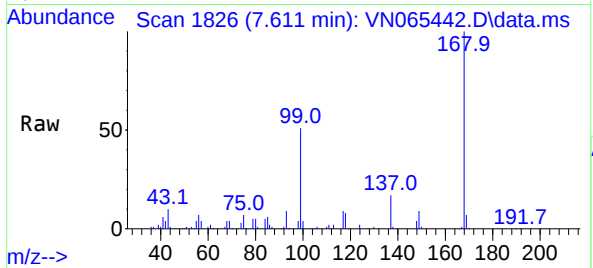
Tgt Ion: 43 Resp: 251439
Ion Ratio Lower Upper
43 100
58 32.7 25.7 38.5



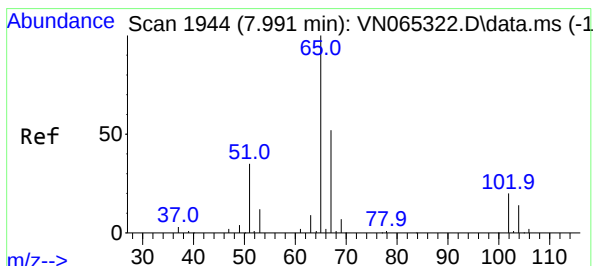
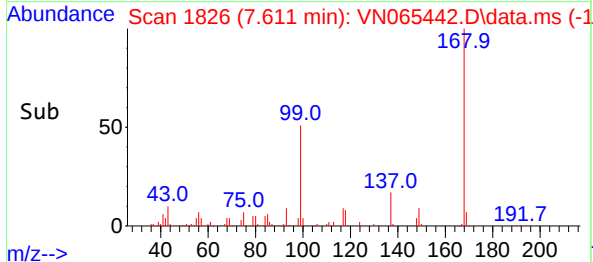
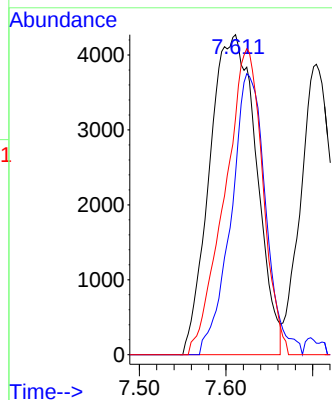


#31
Cyclohexane
Concen: 3.26 ug/l
RT: 7.611 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

Instrument :
MSVOA_N
ClientSampleId :
40967MEDL

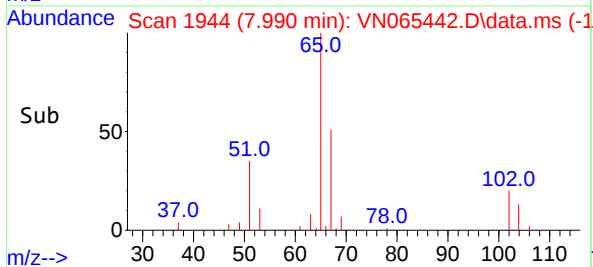
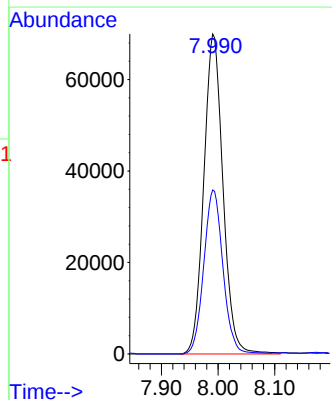
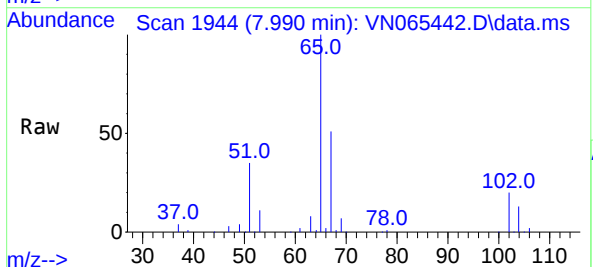


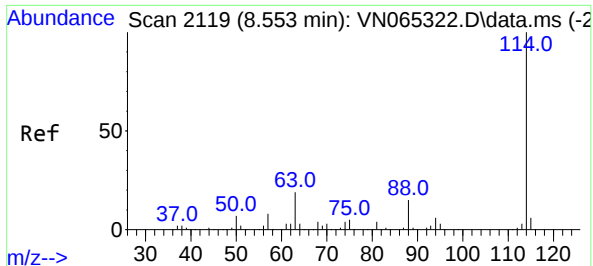
Tgt Ion: 56 Resp: 15971
Ion Ratio Lower Upper
56 100
69 56.6 27.5 41.3#
84 73.9 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 49.58 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

Tgt Ion: 65 Resp: 164346
Ion Ratio Lower Upper
65 100
67 51.3 0.0 108.2

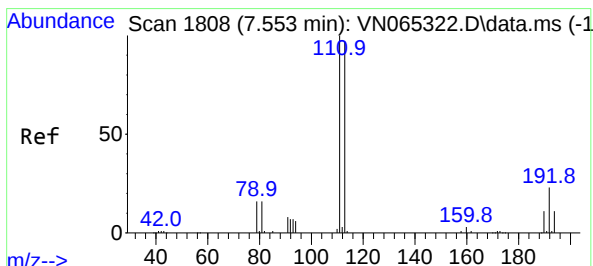
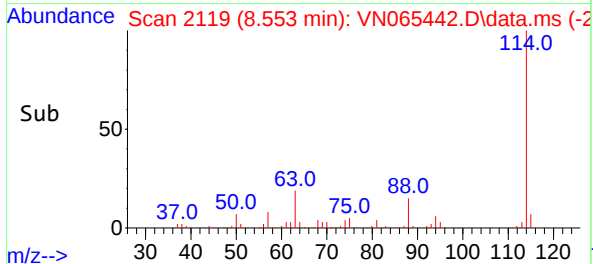
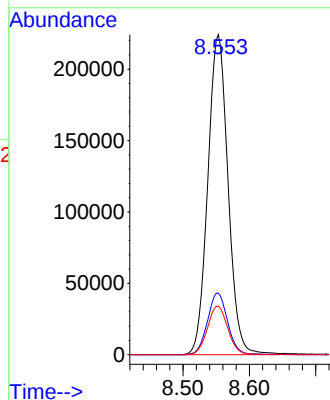
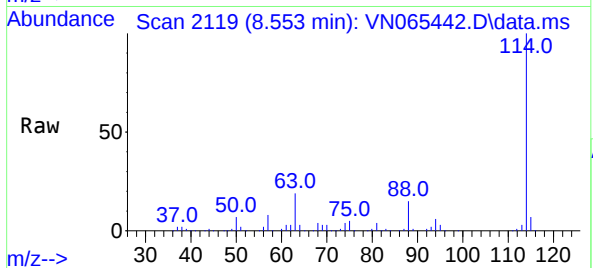




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

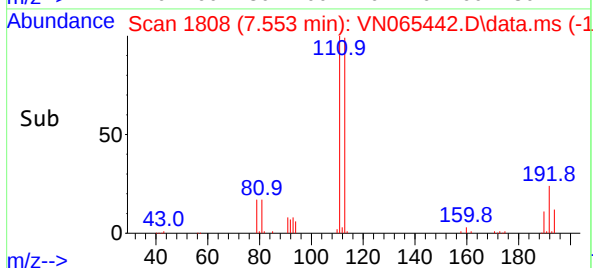
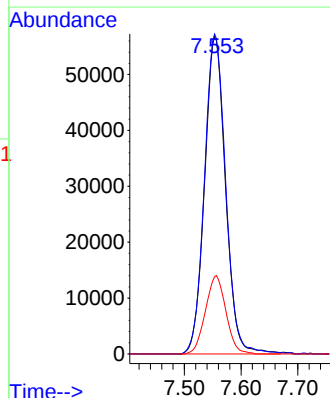
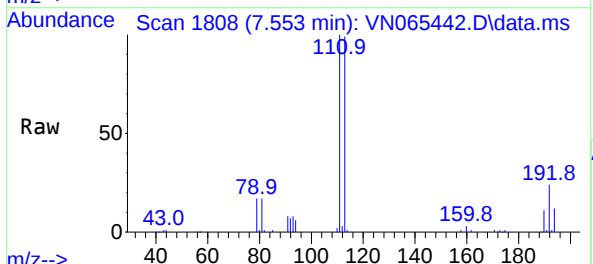
Instrument :
MSVOA_N
ClientSampleId :
40967MEDL

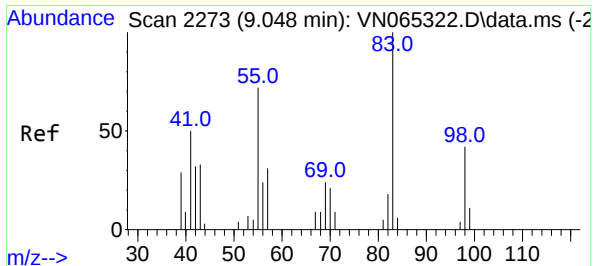
Tgt Ion:114 Resp: 475218
Ion Ratio Lower Upper
114 100
63 19.2 0.0 38.6
88 15.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.83 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

Tgt Ion:113 Resp: 145727
Ion Ratio Lower Upper
113 100
111 102.4 81.6 122.4
192 24.1 16.2 24.2





#39

Methylcyclohexane

Concen: 5.04 ug/l

RT: 9.045 min Scan# 2272

Delta R.T. 0.000 min

Lab File: VN065442.D

Acq: 8 Jan 2021 14:35

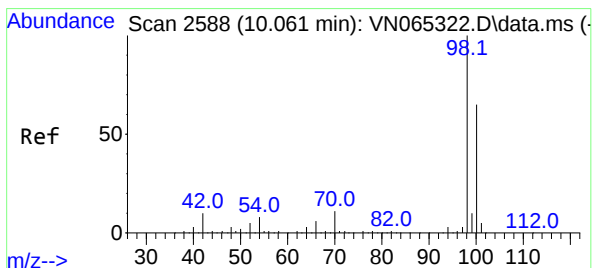
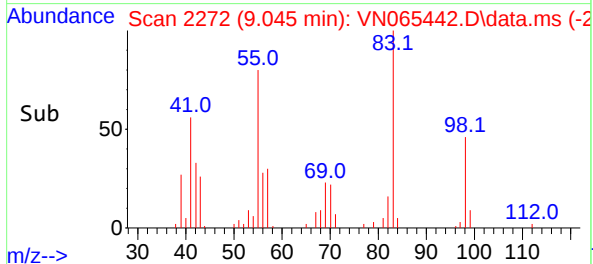
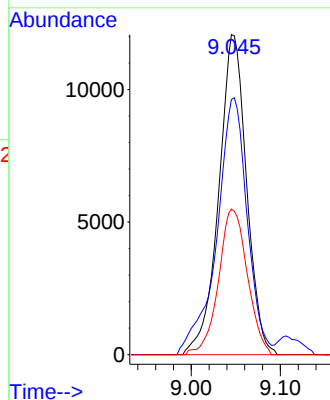
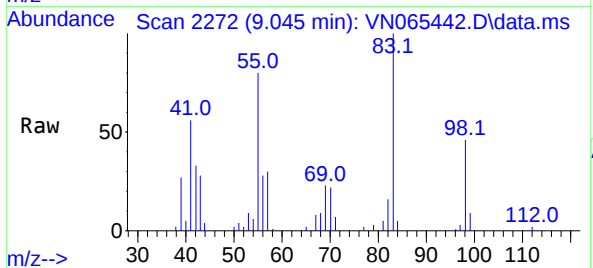
Tgt Ion: 83 Resp: 26183

Ion Ratio Lower Upper

83 100

55 77.8 60.2 90.2

98 45.5 37.4 56.2



#50

Toluene-d8

Concen: 55.85 ug/l

RT: 10.061 min Scan# 2588

Delta R.T. 0.003 min

Lab File: VN065442.D

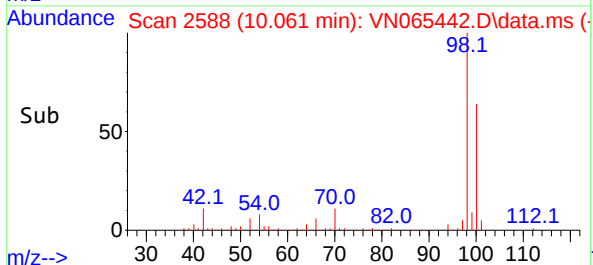
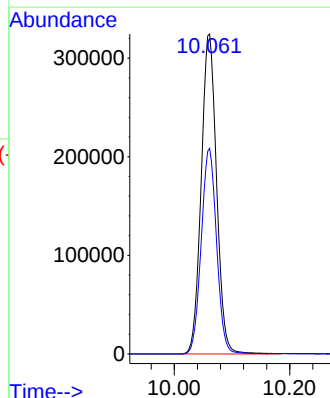
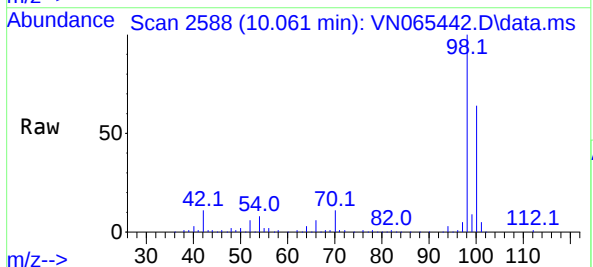
Acq: 8 Jan 2021 14:35

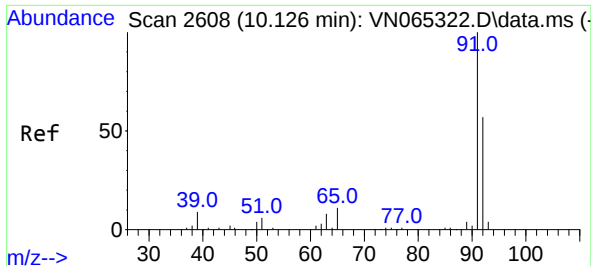
Tgt Ion: 98 Resp: 600153

Ion Ratio Lower Upper

98 100

100 64.1 51.7 77.5

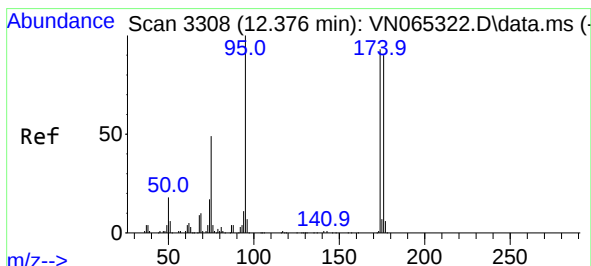
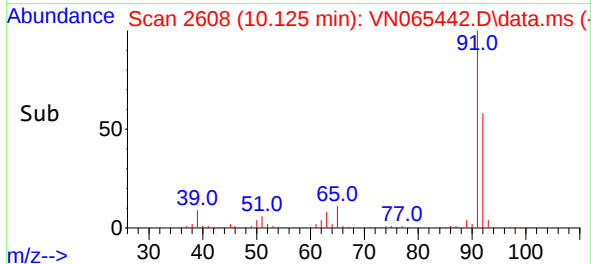
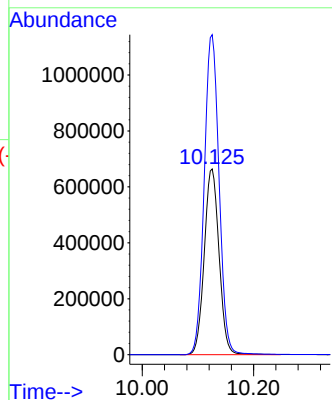
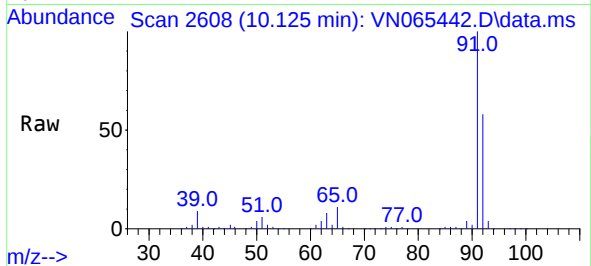




#52
Toluene
Concen: 151.12 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. -0.001 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

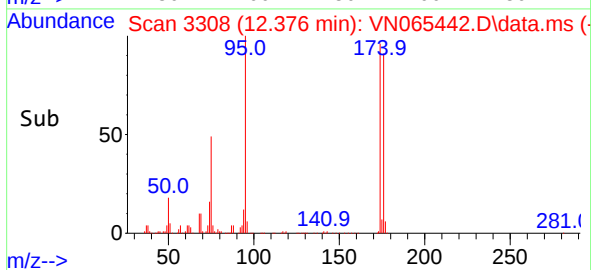
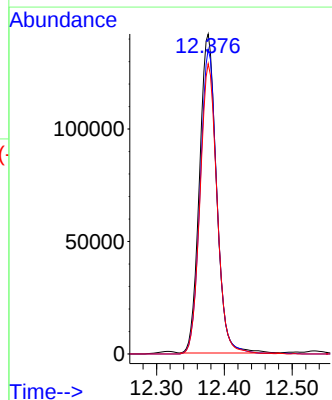
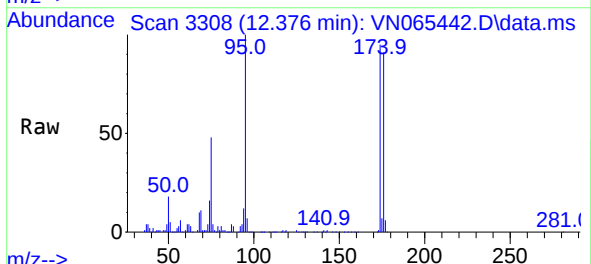
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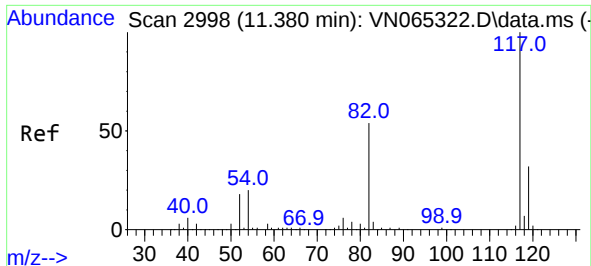
Tgt Ion: 92 Resp: 1224364
Ion Ratio Lower Upper
92 100
91 173.2 139.1 208.7



#62
4-Bromofluorobenzene
Concen: 57.27 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

Tgt Ion: 95 Resp: 246898
Ion Ratio Lower Upper
95 100
174 94.4 0.0 160.4
176 90.9 0.0 158.4

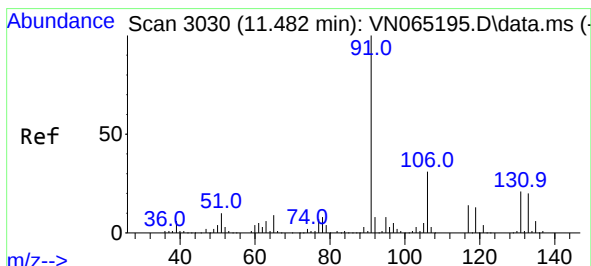
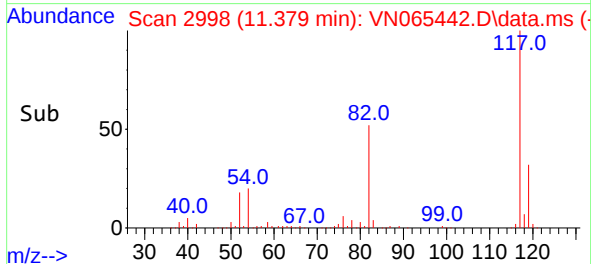
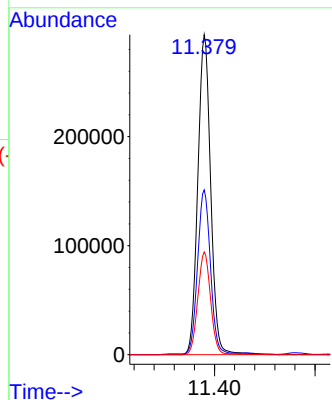
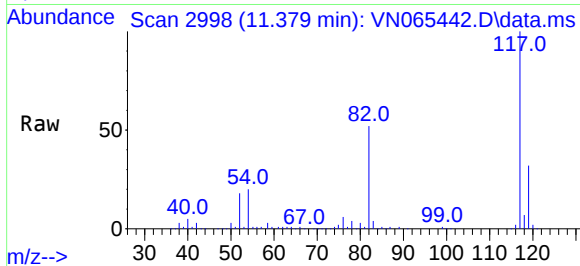




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

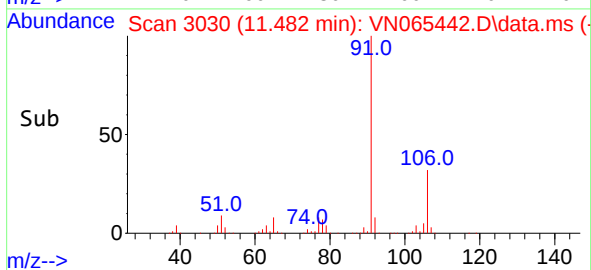
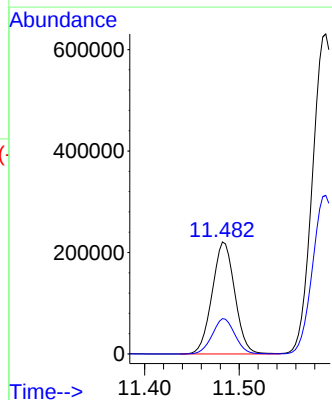
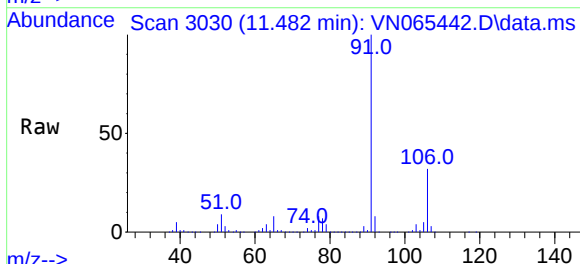
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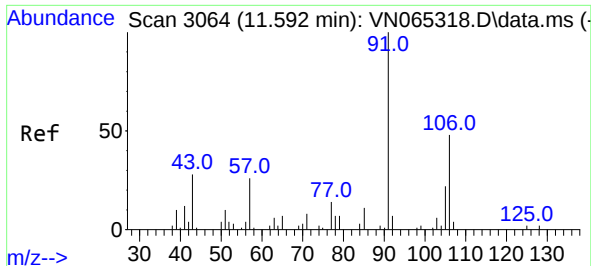
Tgt Ion:117 Resp: 521410
Ion Ratio Lower Upper
117 100
82 51.4 44.2 66.2
119 32.1 25.8 38.6



#67
Ethyl Benzene
Concen: 19.24 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

Tgt Ion: 91 Resp: 367916
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

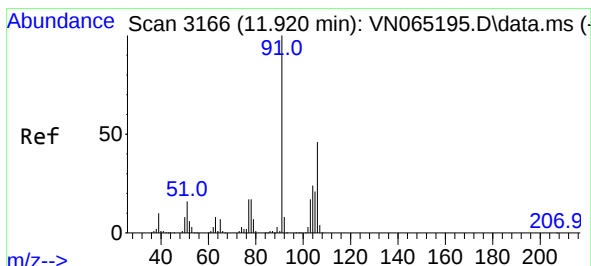
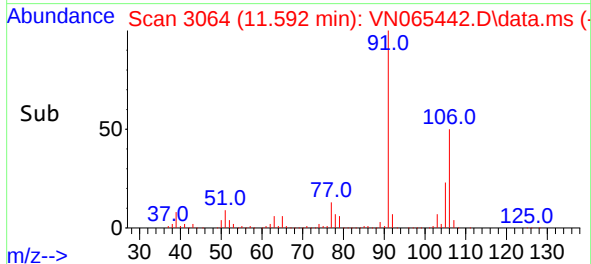
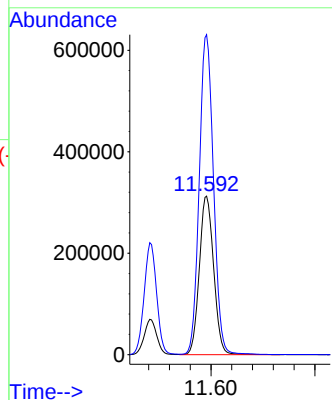
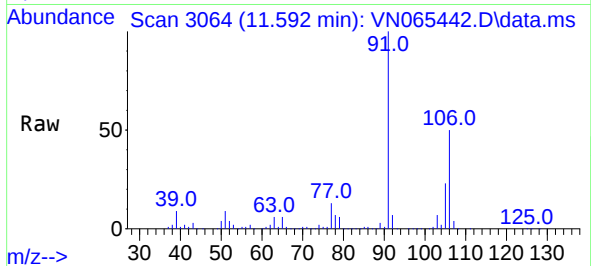




#68
m/p-Xylenes
Concen: 82.86 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

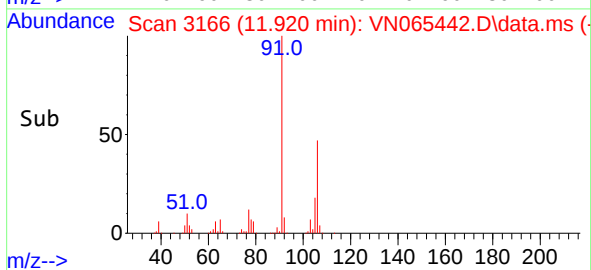
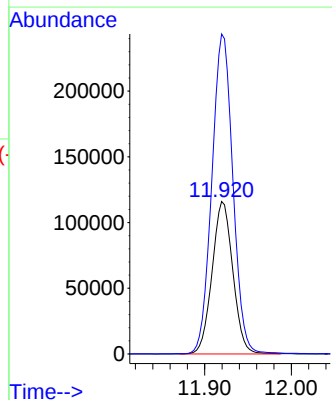
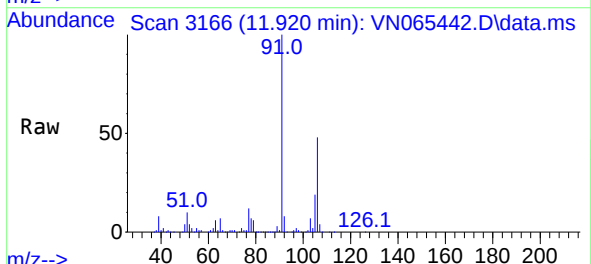
Instrument :
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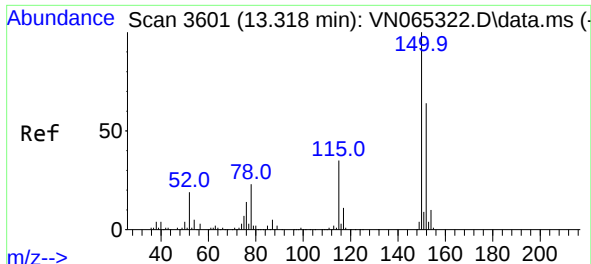
Tgt Ion:106 Resp: 596975
Ion Ratio Lower Upper
106 100
91 200.7 161.0 241.4



#69
o-Xylene
Concen: 27.60 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

Tgt Ion:106 Resp: 193015
Ion Ratio Lower Upper
106 100
91 213.5 105.5 316.5

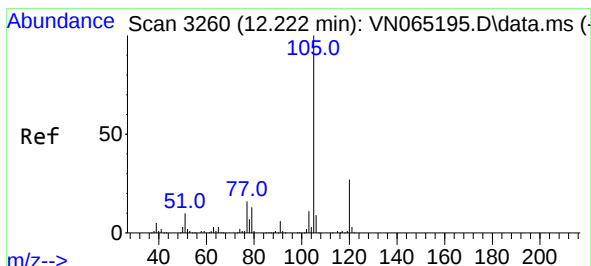
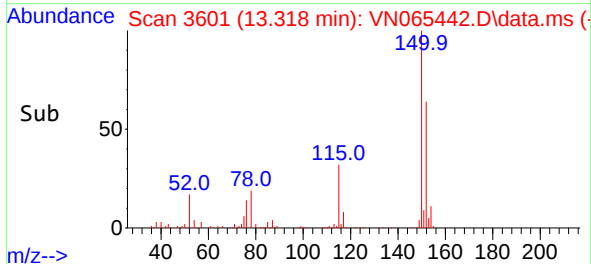
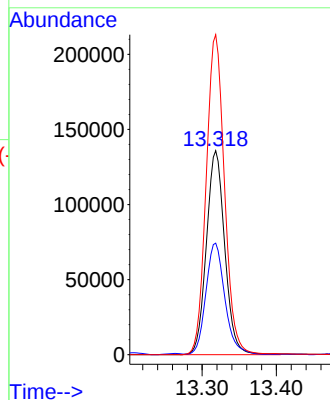
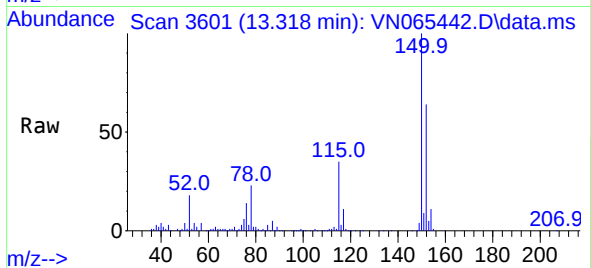




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

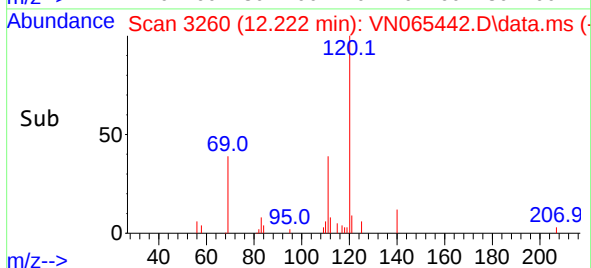
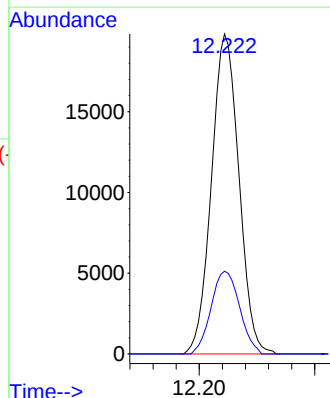
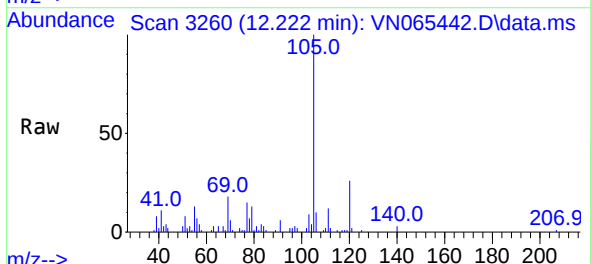
Instrument :
MSVOA_N
ClientSampleId :
40967MEDL

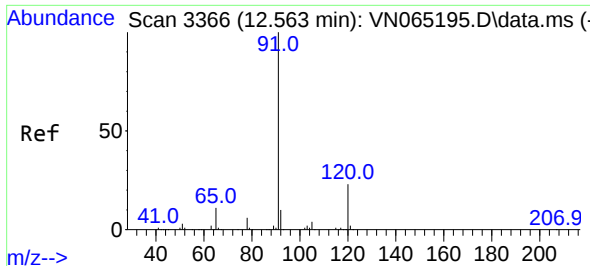
Tgt Ion:152 Resp: 233308
Ion Ratio Lower Upper
152 100
115 55.9 29.7 89.1
150 156.0 0.0 350.6



#73
Isopropylbenzene
Concen: 1.84 ug/l
RT: 12.222 min Scan# 3260
Delta R.T. -0.000 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

Tgt Ion:105 Resp: 32640
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9

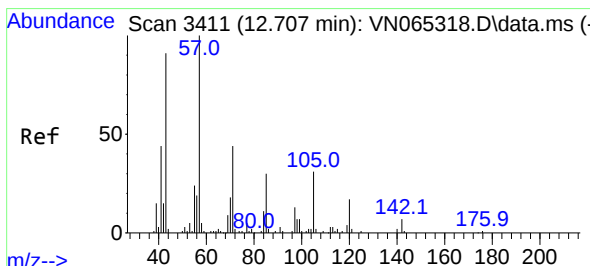
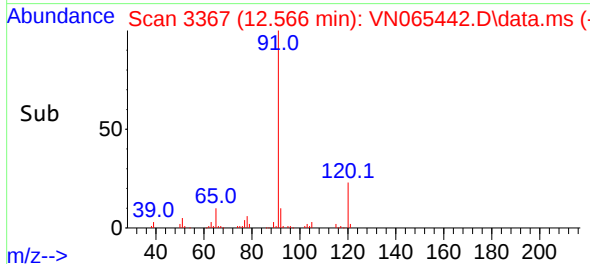
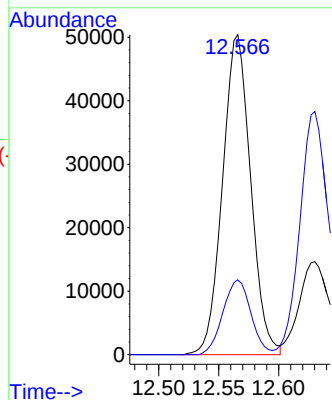
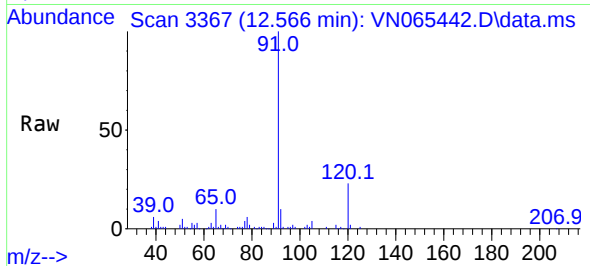




#78
n-propylbenzene
Concen: 4.10 ug/l
RT: 12.566 min Scan# 3367
Delta R.T. 0.003 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

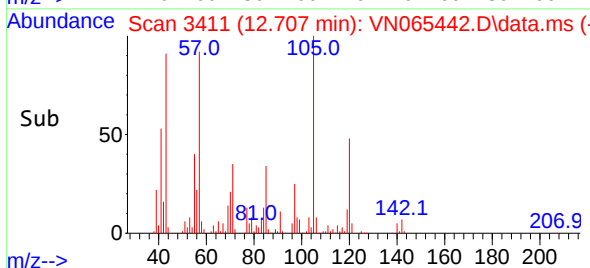
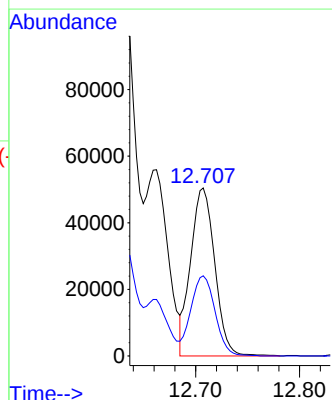
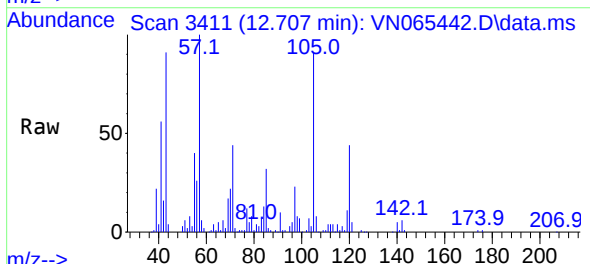
Instrument :
MSVOA_N
ClientSampled :
40967MEDL

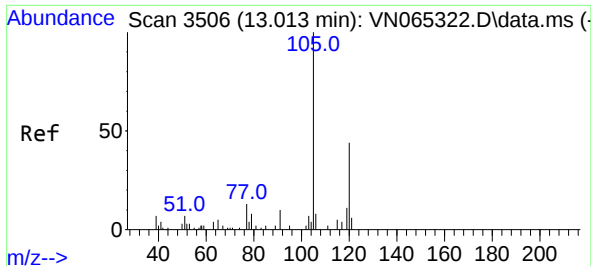
Tgt Ion: 91 Resp: 82197
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.7



#80
1,3,5-Trimethylbenzene
Concen: 5.37 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

Tgt Ion:105 Resp: 81415
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6

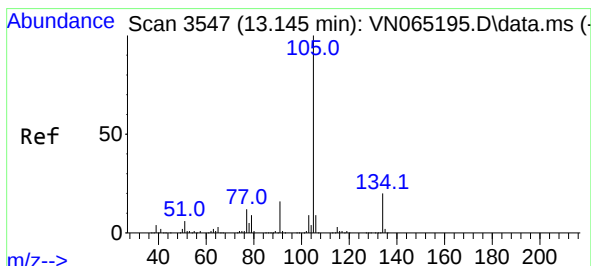
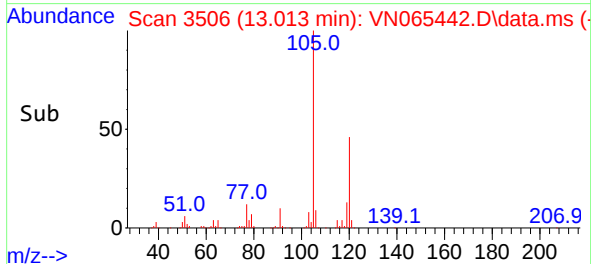
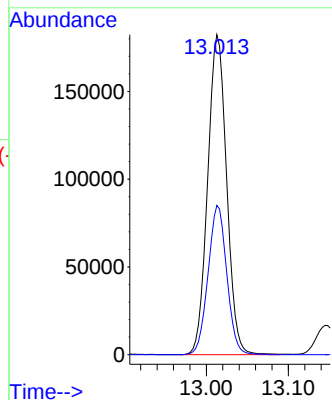
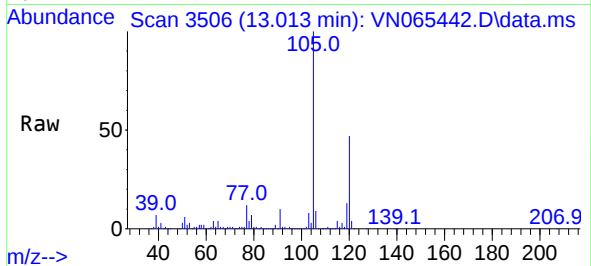




#84
1,2,4-Trimethylbenzene
Concen: 19.90 ug/l
RT: 13.013 min Scan# 3506
Delta R.T. -0.000 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

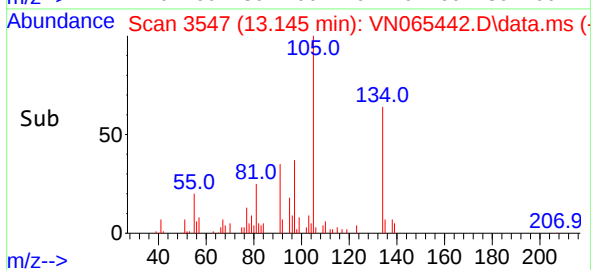
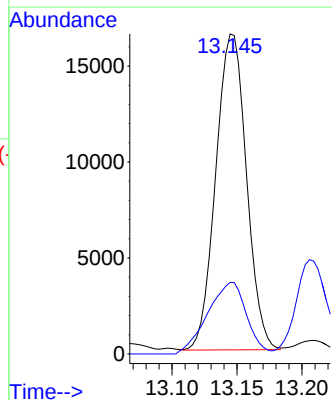
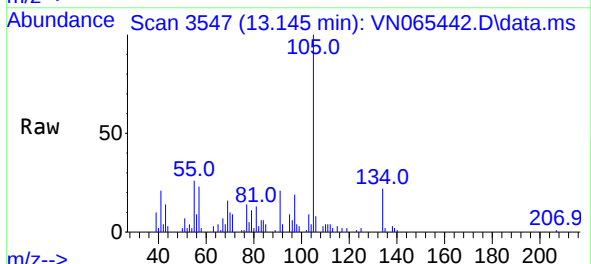
Instrument :
MSVOA_N
ClientSampleId :
40967MEDL

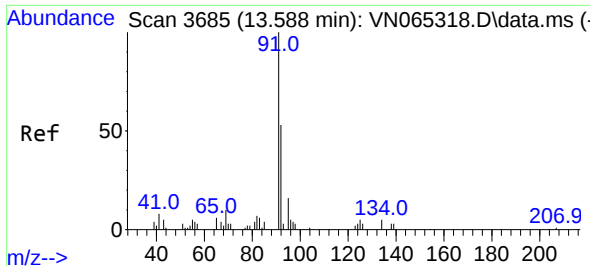
Tgt Ion:105 Resp: 293657
Ion Ratio Lower Upper
105 100
120 46.1 23.1 69.2



#85
sec-Butylbenzene
Concen: 1.58 ug/l
RT: 13.145 min Scan# 3547
Delta R.T. -0.000 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

Tgt Ion:105 Resp: 27057
Ion Ratio Lower Upper
105 100
134 28.5 10.1 30.1

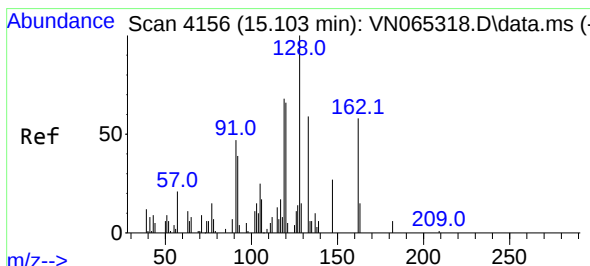
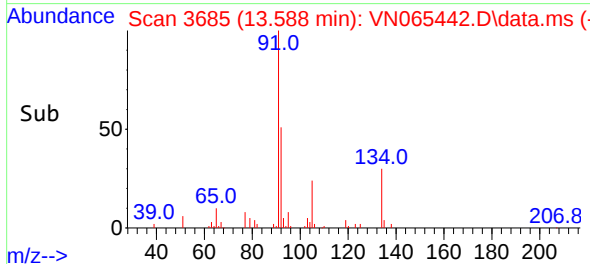
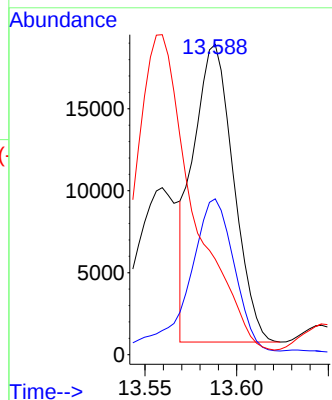
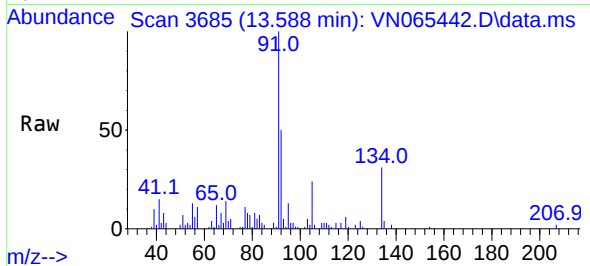




#89
n-Butylbenzene
Concen: 2.06 ug/l
RT: 13.588 min Scan# 3685
Delta R.T. 0.000 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

Instrument :
MSVOA_N
ClientSampleId :
40967MEDL

Tgt Ion: 91 Resp: 27672
Ion Ratio Lower Upper
91 100
92 58.3 26.0 78.0
134 0.0 12.9 38.6#



#95
Naphthalene
Concen: 7.37 ug/l
RT: 15.103 min Scan# 4156
Delta R.T. 0.007 min
Lab File: VN065442.D
Acq: 8 Jan 2021 14:35

Tgt Ion:128 Resp: 51783
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.4 8.7 13.1

