

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012721\
 Data File : VN065633.D
 Acq On : 27 Jan 2021 16:37
 Operator : JC/MD
 Sample : M1190-02ME
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20796ME

Quant Time: Jan 28 02:16:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	222191	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	382775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	324096	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	131583	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	138202	47.28	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.56%
35) Dibromofluoromethane	7.547	113	111902	49.33	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.66%
50) Toluene-d8	10.058	98	475271	53.30	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.60%
62) 4-Bromofluorobenzene	12.373	95	155733	48.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.00%

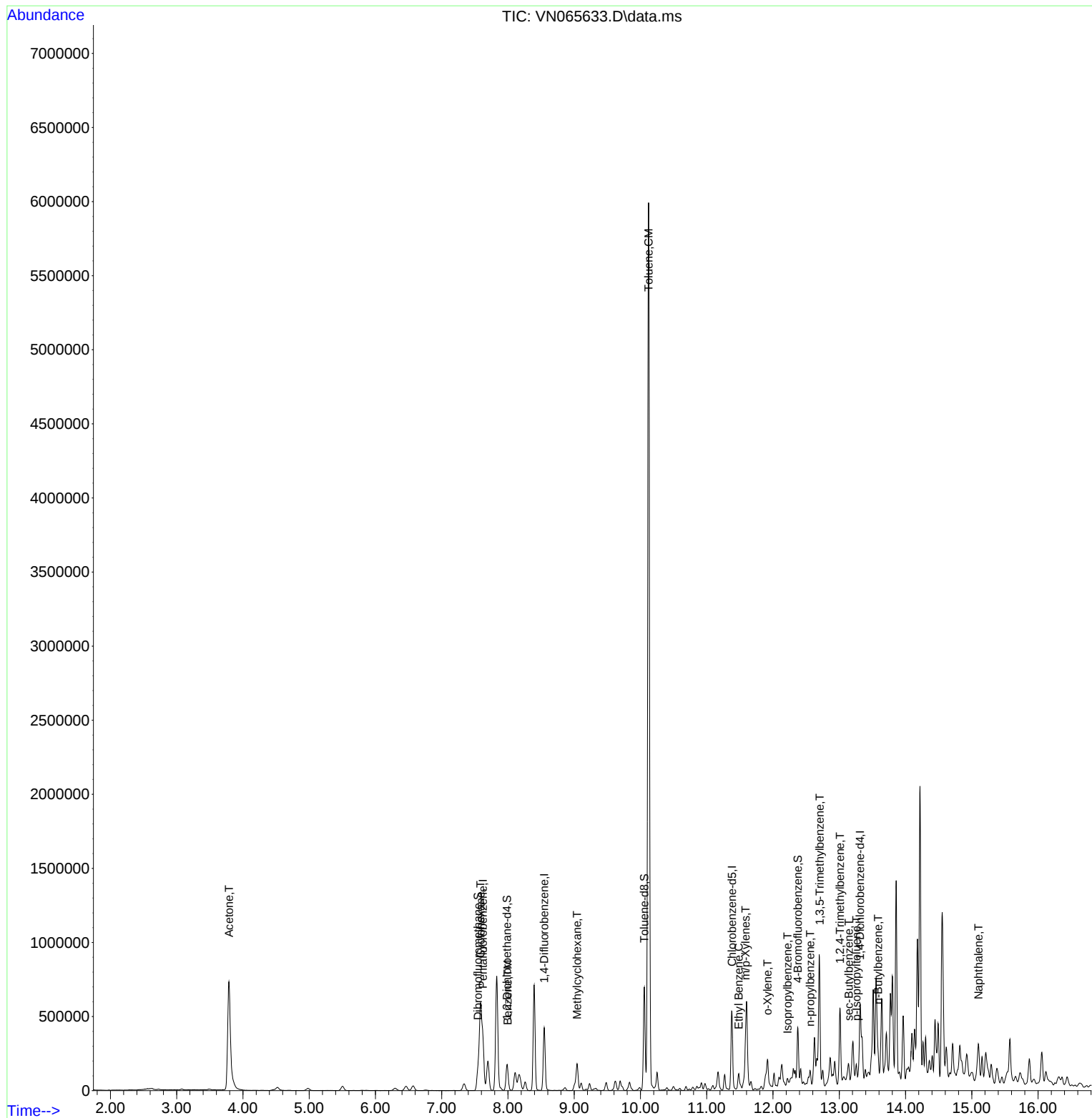
Target Compounds						Qvalue
16) Acetone	3.788	43	1453088	1276.91	ug/l	99
31) Cyclohexane	7.586	56	130123	23.67	ug/l #	46
39) Methylcyclohexane	9.042	83	70775	15.06	ug/l	91
40) Benzene	7.997	78	17437	1.48	ug/l	99
52) Toluene	10.122	92	2851980	409.30	ug/l	90
67) Ethyl Benzene	11.482	91	75679	5.94	ug/l	99
68) m/p-Xylenes	11.589	106	97201	21.08	ug/l	93
69) o-Xylene	11.920	106	45357	10.15	ug/l	97
73) Isopropylbenzene	12.219	105	27770	2.41	ug/l	97
78) n-propylbenzene	12.563	91	88056	6.49	ug/l	94
80) 1,3,5-Trimethylbenzene	12.704	105	77336	7.88	ug/l	98
84) 1,2,4-Trimethylbenzene	13.010	105	288220	29.46	ug/l	100
85) sec-Butylbenzene	13.145	105	64178	5.81	ug/l	96
86) p-Isopropyltoluene	13.261	119	34241	3.51	ug/l	98
89) n-Butylbenzene	13.585	91	85236	9.73	ug/l #	71
95) Naphthalene	15.100	128	178065	22.90	ug/l	99

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

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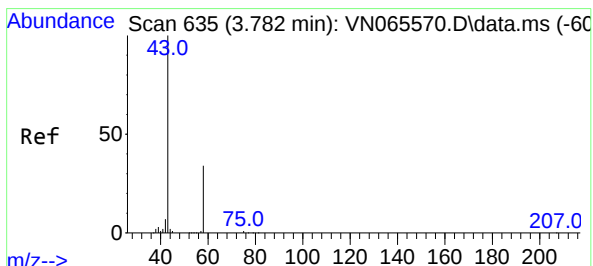
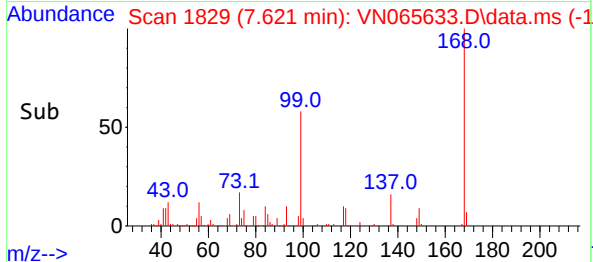
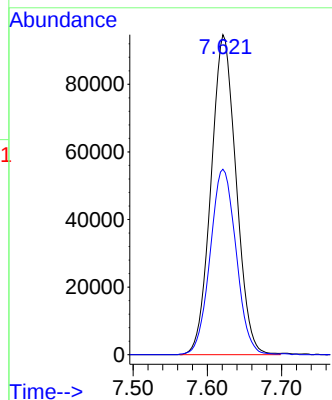
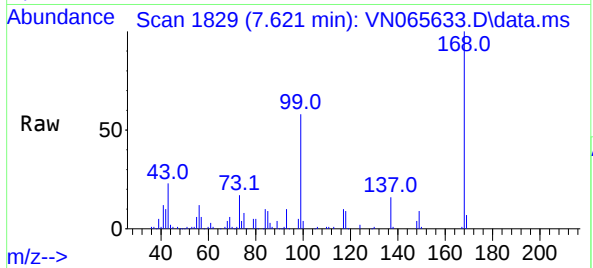




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

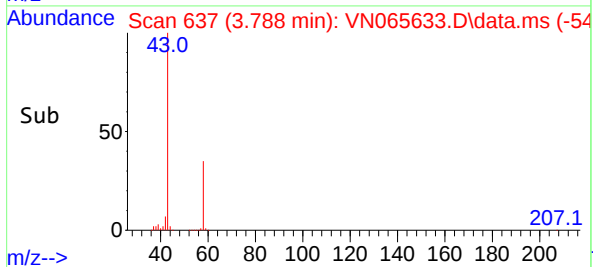
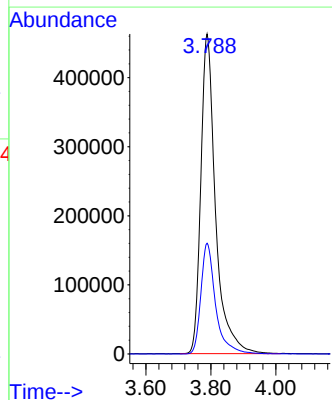
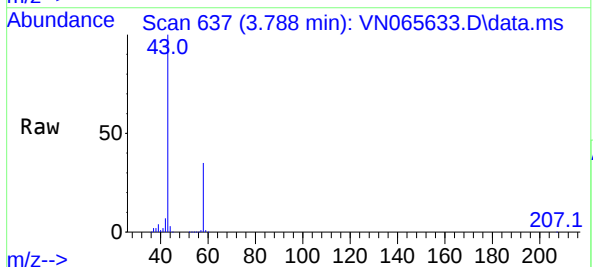
Instrument :
MSVOA_N
ClientSampleId :
20796ME

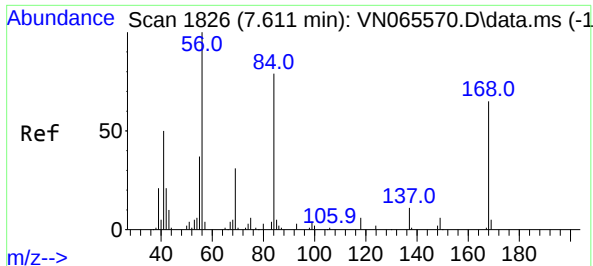
Tgt Ion:168 Resp: 222191
Ion Ratio Lower Upper
168 100
99 57.8 42.6 63.8



#16
Acetone
Concen: 1276.91 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.006 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Tgt Ion: 43 Resp: 1453088
Ion Ratio Lower Upper
43 100
58 34.6 27.0 40.6

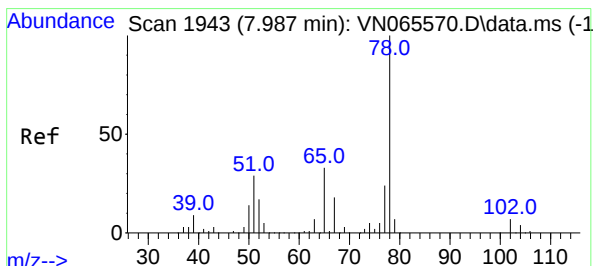
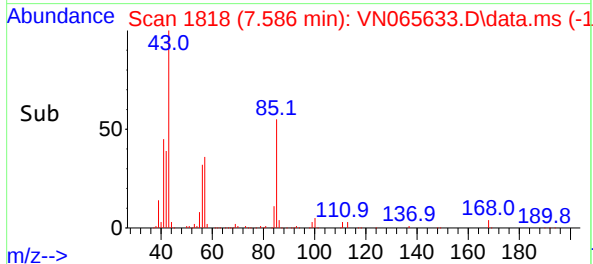
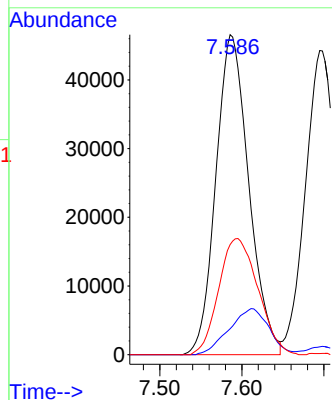
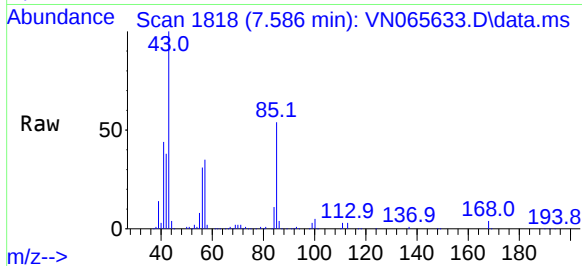




#31
Cyclohexane
Concen: 23.67 ug/l
RT: 7.586 min Scan# 1818
Delta R.T. -0.025 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

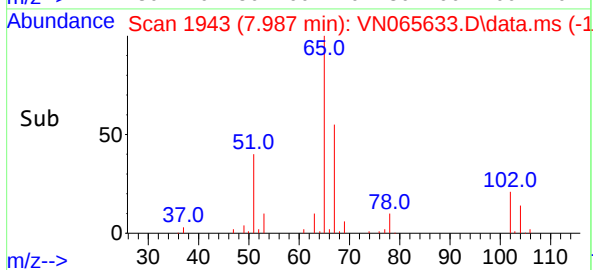
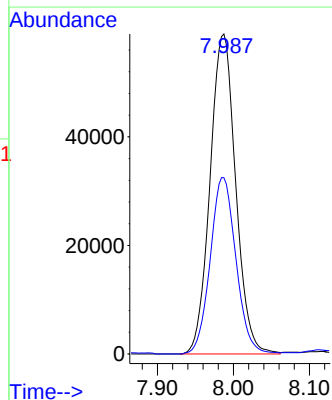
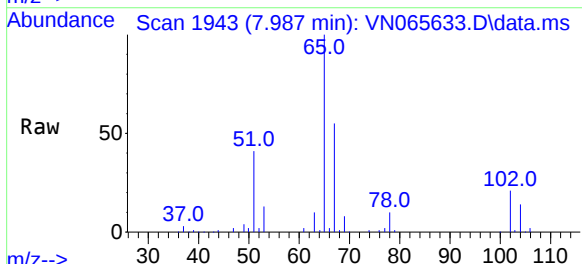
Instrument :
MSVOA_N
ClientSampleId :
20796ME

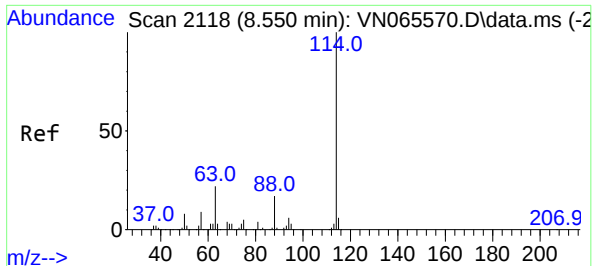
Tgt Ion: 56 Resp: 130123
Ion Ratio Lower Upper
56 100
69 8.1 26.6 39.8#
84 34.4 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.28 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Tgt Ion: 65 Resp: 138202
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2



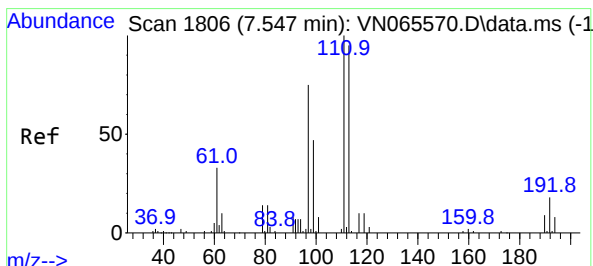
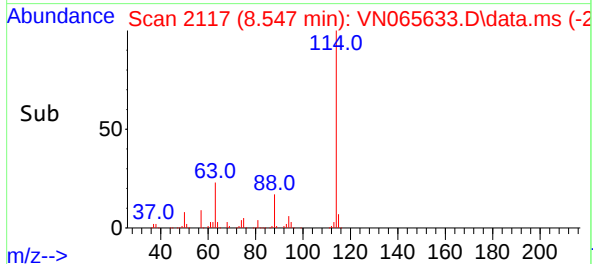
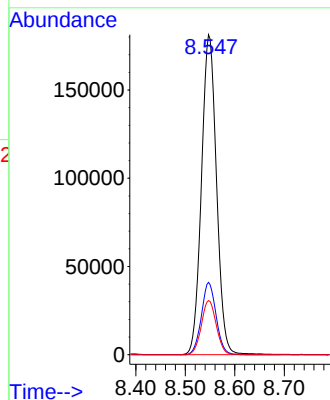
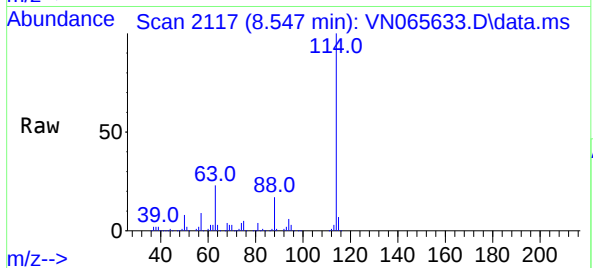


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Instrument :
MSVOA_N
ClientSampleId :
20796ME

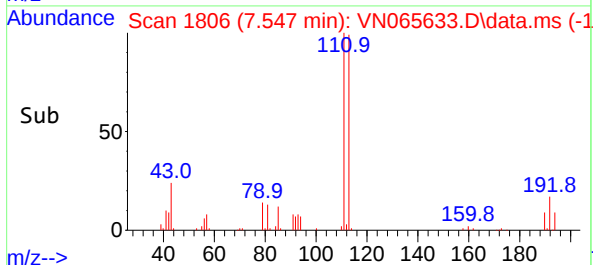
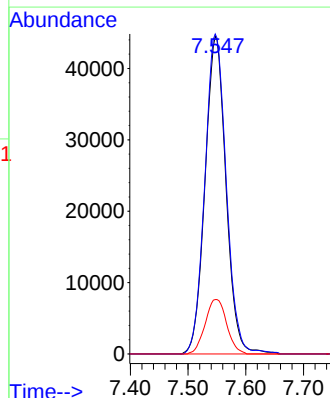
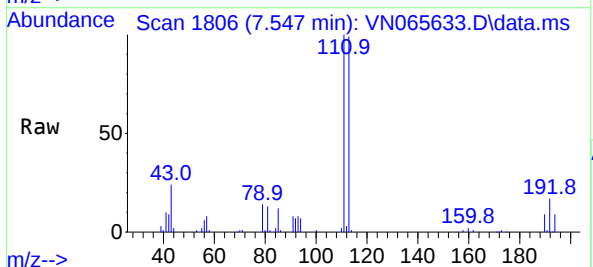
Tgt Ion:114 Resp: 382775
Ion Ratio Lower Upper
114 100
63 22.6 0.0 38.6
88 16.9 0.0 30.6

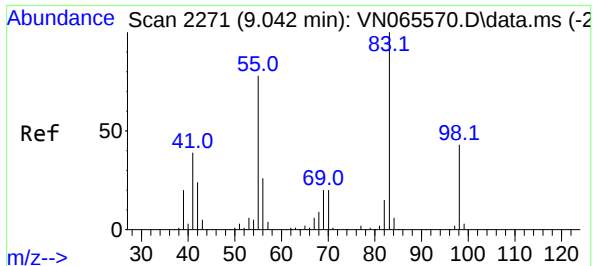


#35

Dibromofluoromethane
Concen: 49.33 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Tgt Ion:113 Resp: 111902
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 17.7 15.4 23.0





#39

Methylcyclohexane

Concen: 15.06 ug/l

RT: 9.042 min Scan# 2271

Delta R.T. 0.000 min

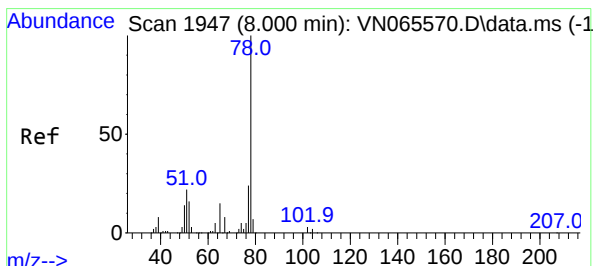
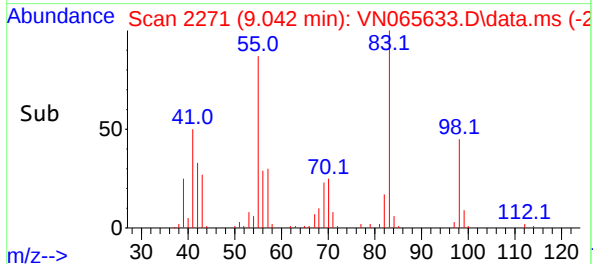
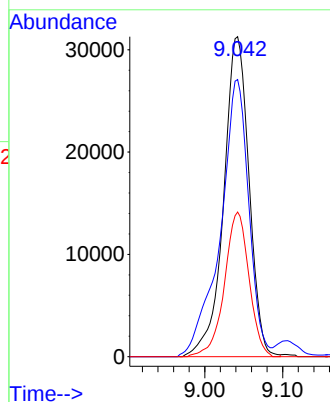
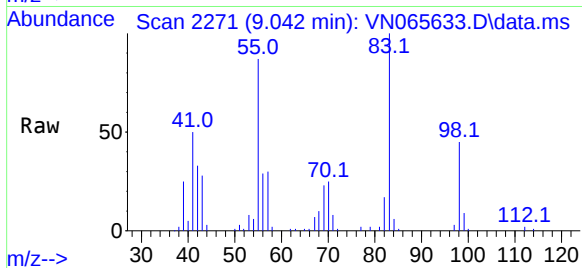
Lab File: VN065633.D

Acq: 27 Jan 2021 16:37

Tgt Ion: 83 Resp: 70775

Ion	Ratio	Lower	Upper
83	100		
55	85.9	58.9	88.3
98	45.2	35.9	53.9

Instrument :
MSVOA_N
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20796ME



#40

Benzene

Concen: 1.48 ug/l

RT: 7.997 min Scan# 1946

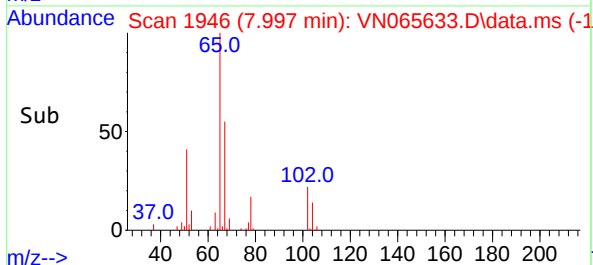
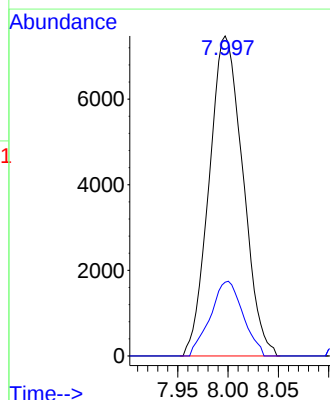
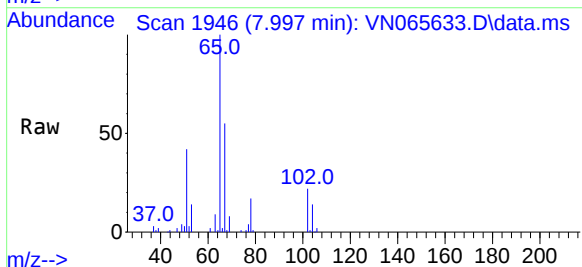
Delta R.T. -0.003 min

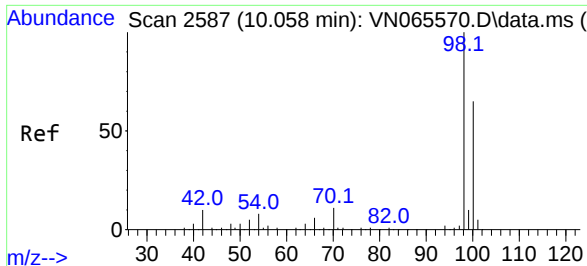
Lab File: VN065633.D

Acq: 27 Jan 2021 16:37

Tgt Ion: 78 Resp: 17437

Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.4

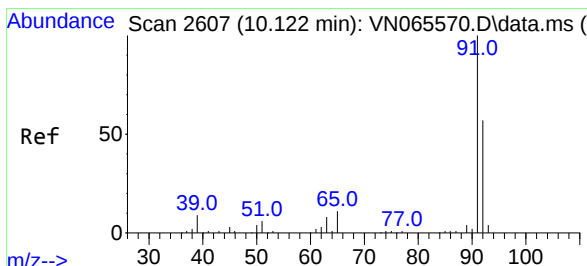
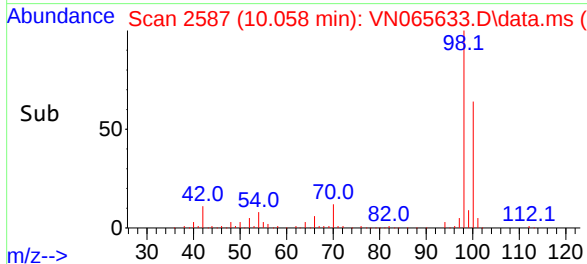
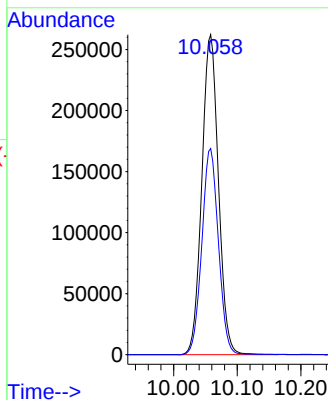
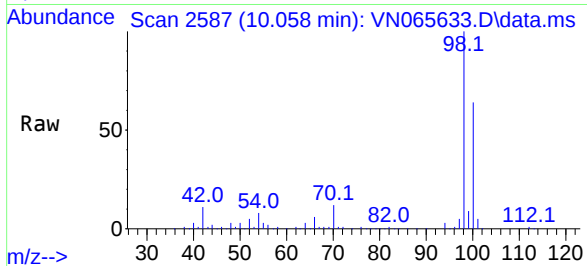




#50
Toluene-d8
Concen: 53.30 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

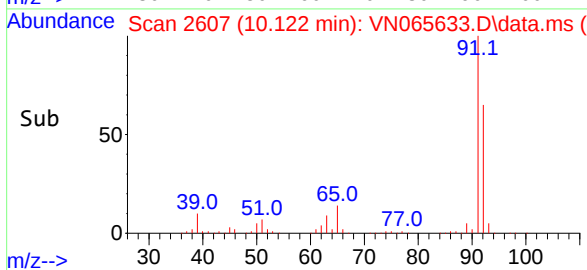
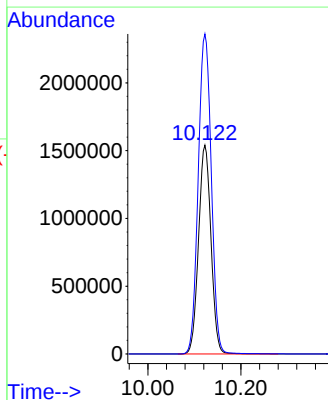
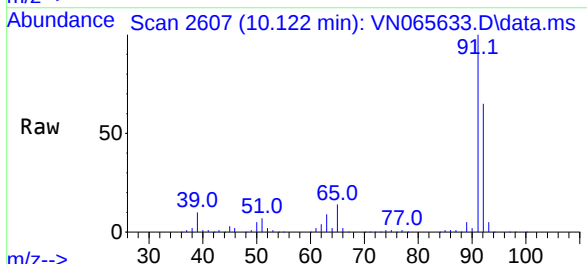
Instrument :
MSVOA_N
ClientSampleId :
20796ME

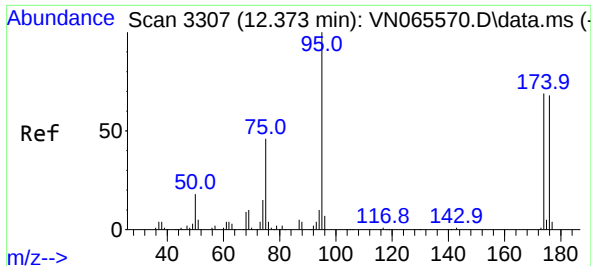
Tgt Ion: 98 Resp: 475271
Ion Ratio Lower Upper
98 100
100 64.3 50.5 75.7



#52
Toluene
Concen: 409.30 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. 0.000 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Tgt Ion: 92 Resp: 2851980
Ion Ratio Lower Upper
92 100
91 161.3 140.7 211.1

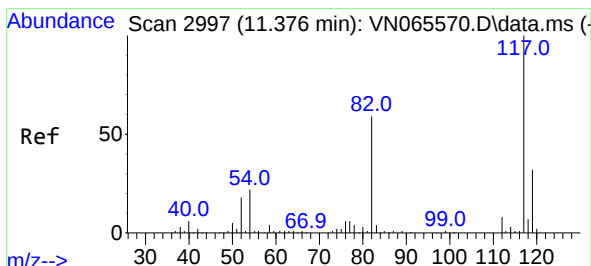
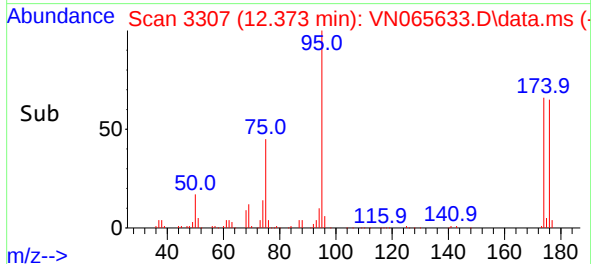
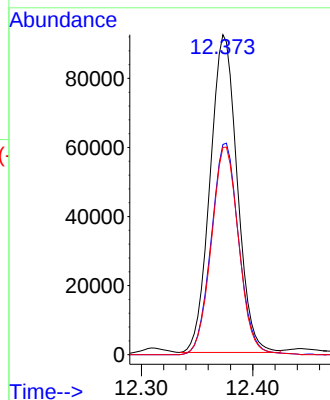
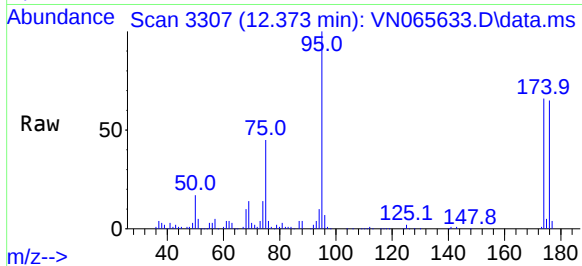




#62
4-Bromofluorobenzene
Concen: 48.50 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

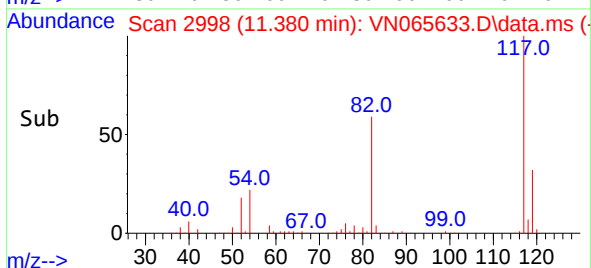
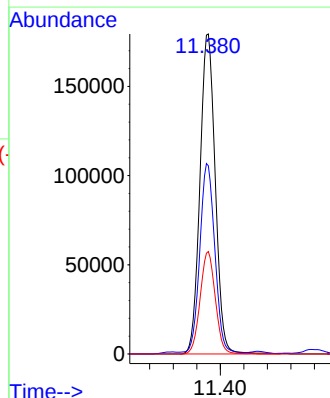
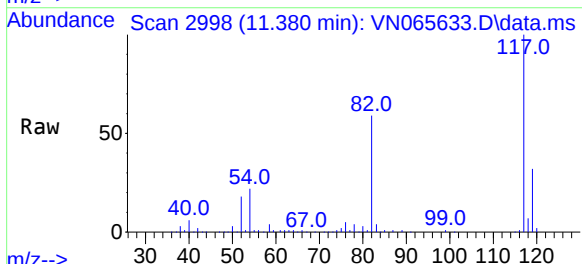
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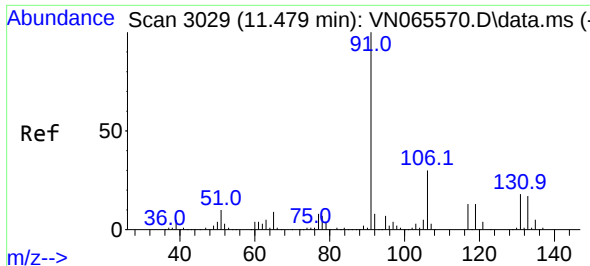
Tgt Ion: 95 Resp: 155733
Ion Ratio Lower Upper
95 100
174 67.7 0.0 169.0
176 65.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Tgt Ion: 117 Resp: 324096
Ion Ratio Lower Upper
117 100
82 58.6 43.7 65.5
119 32.0 26.1 39.1

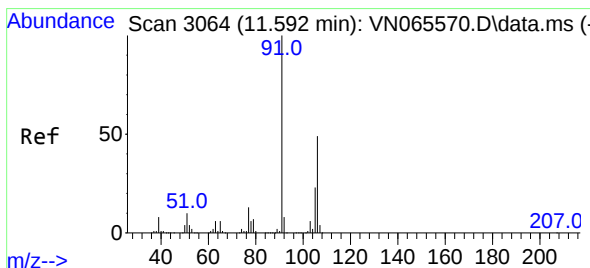
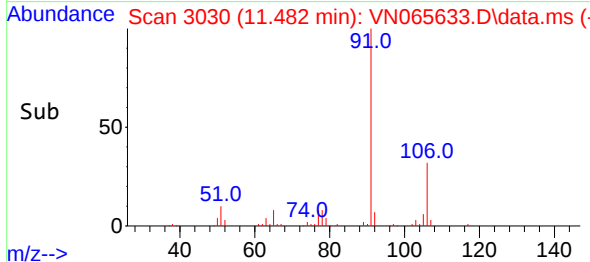
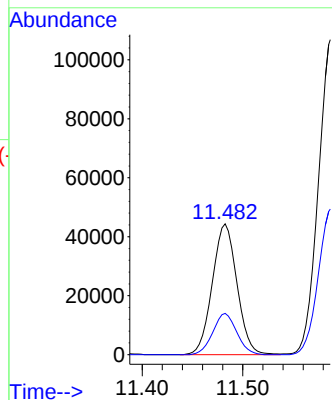
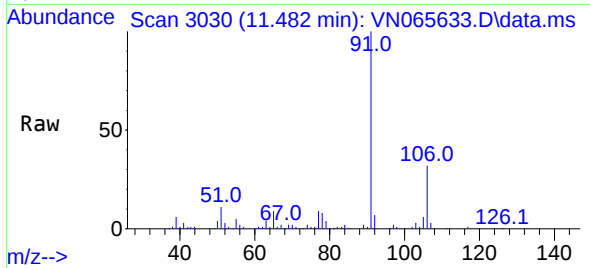




#67
Ethyl Benzene
Concen: 5.94 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

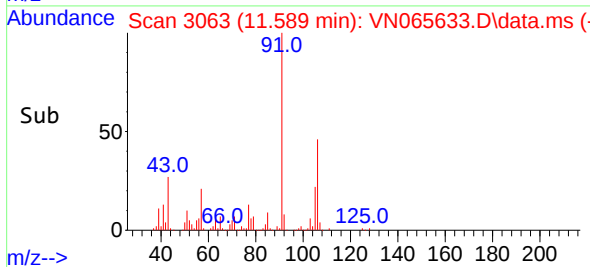
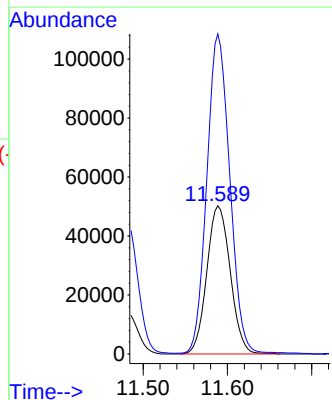
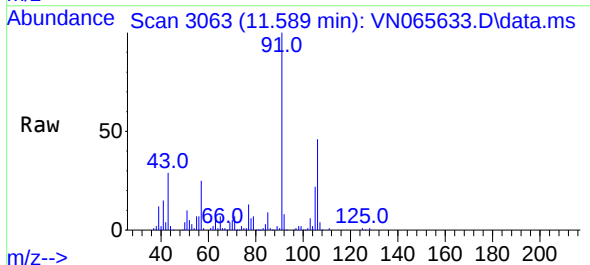
Instrument :
MSVOA_N
ClientSampleId :
20796ME

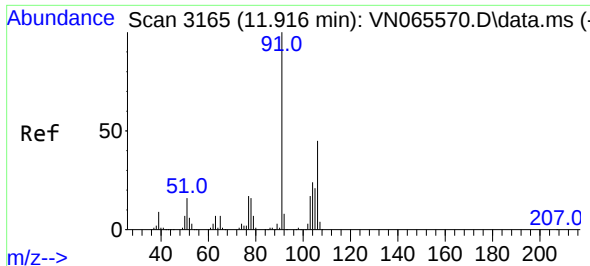
Tgt Ion: 91 Resp: 75679
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3



#68
m/p-Xylenes
Concen: 21.08 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Tgt Ion: 106 Resp: 97201
Ion Ratio Lower Upper
106 100
91 212.3 161.4 242.0

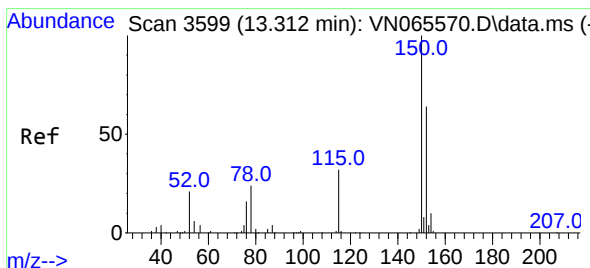
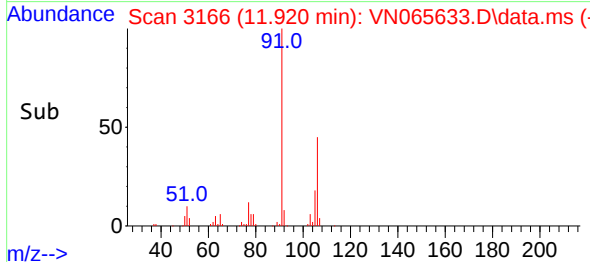
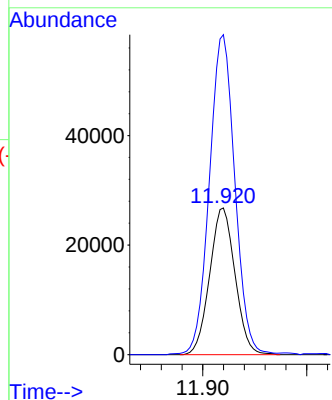
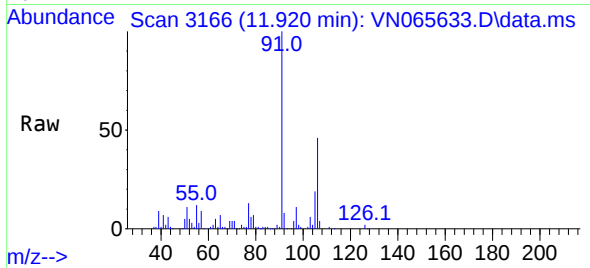




#69
o-Xylene
Concen: 10.15 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.004 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

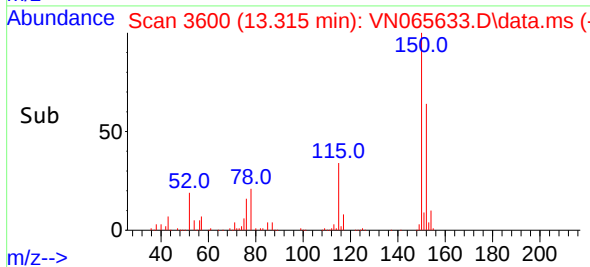
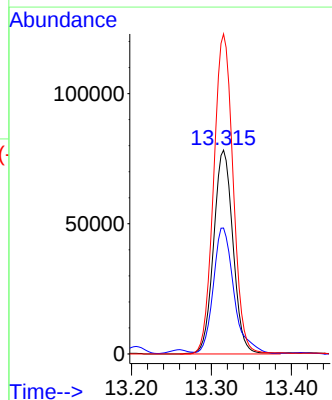
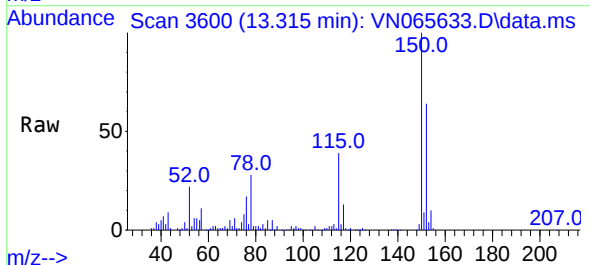
Instrument :
MSVOA_N
ClientSampleId :
20796ME

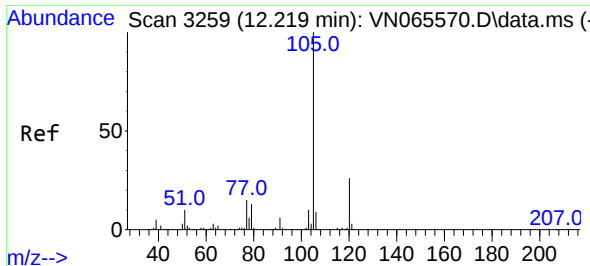
Tgt Ion:106 Resp: 45357
Ion Ratio Lower Upper
106 100
91 219.0 106.8 320.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Tgt Ion:152 Resp: 131583
Ion Ratio Lower Upper
152 100
115 65.4 28.5 85.6
150 157.8 0.0 347.6

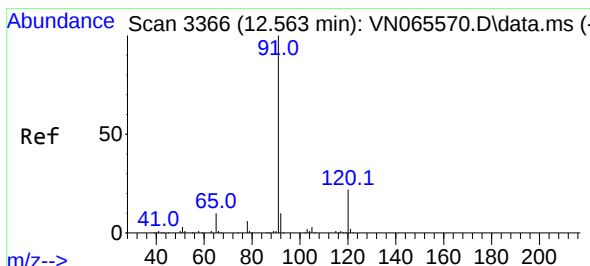
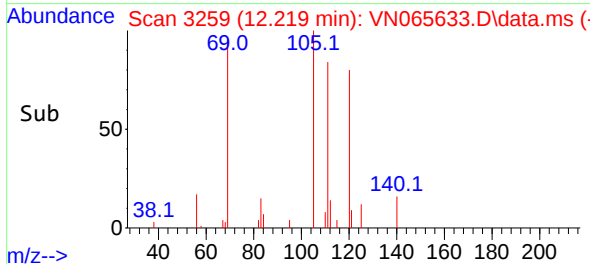
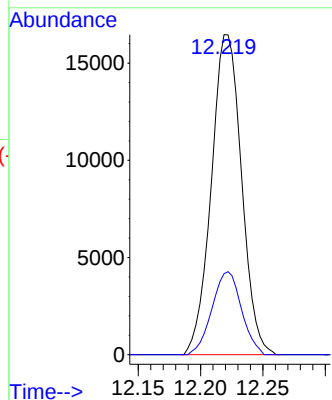
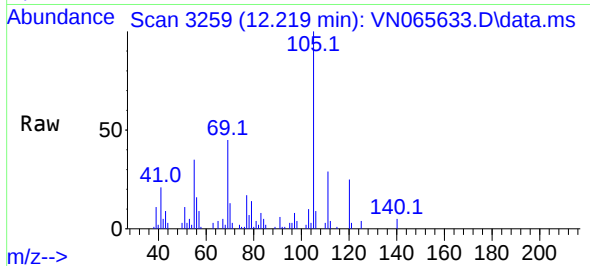




#73
Isopropylbenzene
Concen: 2.41 ug/l
RT: 12.219 min Scan# 3259
Delta R.T. -0.000 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

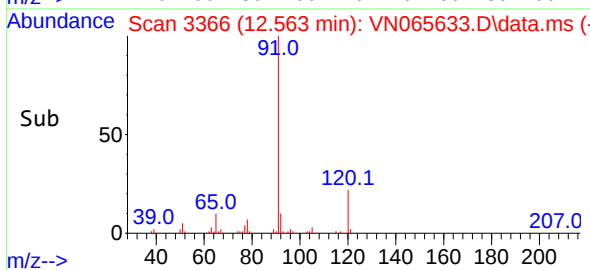
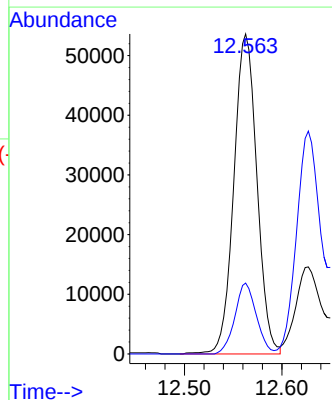
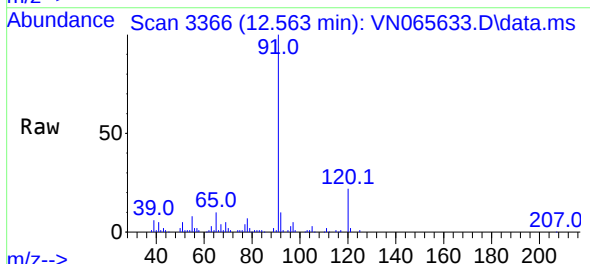
Instrument :
MSVOA_N
ClientSampleId :
20796ME

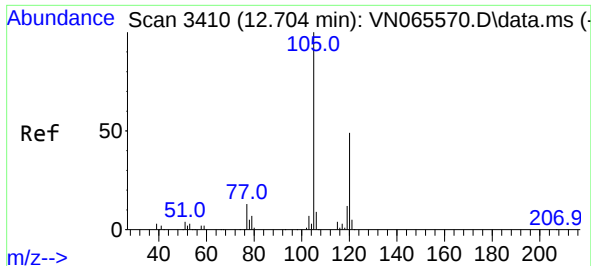
Tgt Ion:105 Resp: 27770
Ion Ratio Lower Upper
105 100
120 25.3 13.3 39.9



#78
n-propylbenzene
Concen: 6.49 ug/l
RT: 12.563 min Scan# 3366
Delta R.T. -0.000 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Tgt Ion: 91 Resp: 88056
Ion Ratio Lower Upper
91 100
120 20.6 11.8 35.3

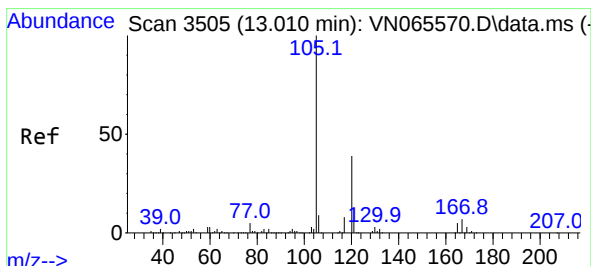
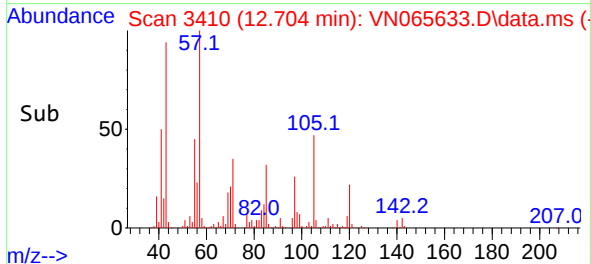
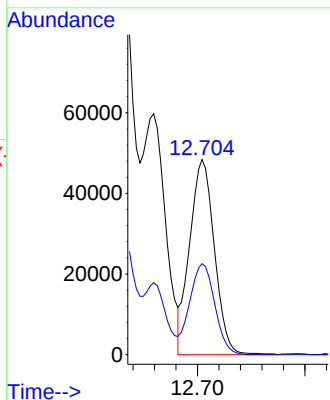
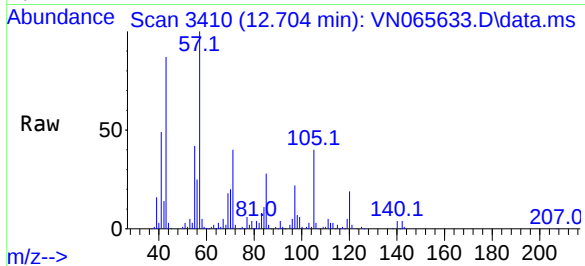




#80
1,3,5-Trimethylbenzene
Concen: 7.88 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

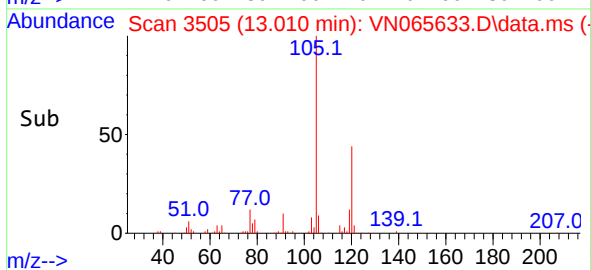
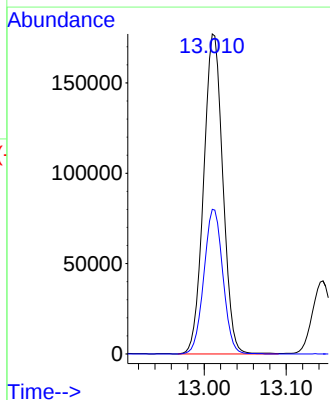
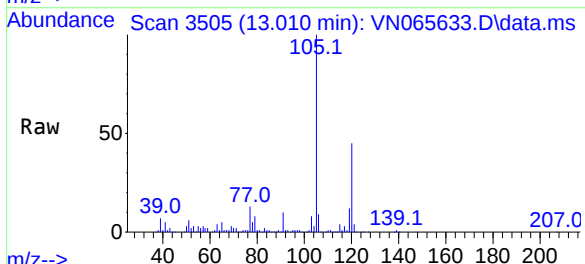
Instrument :
MSVOA_N
ClientSampleId :
20796ME

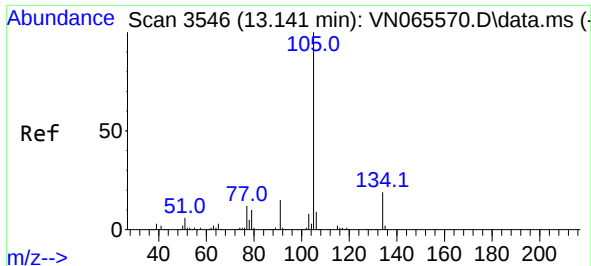
Tgt Ion:105 Resp: 77336
Ion Ratio Lower Upper
105 100
120 47.2 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 29.46 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Tgt Ion:105 Resp: 288220
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.0

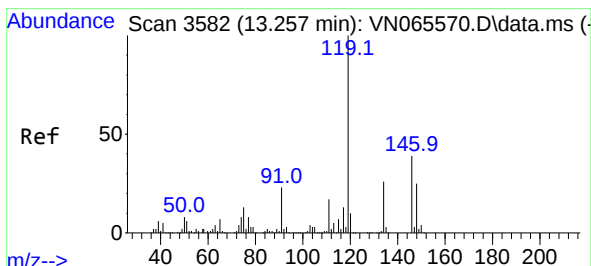
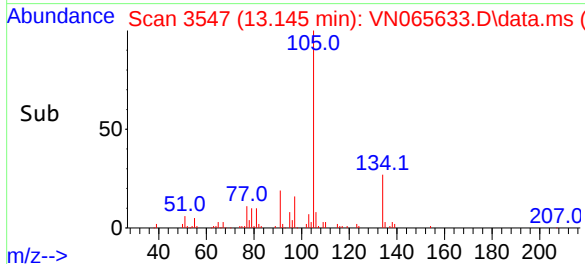
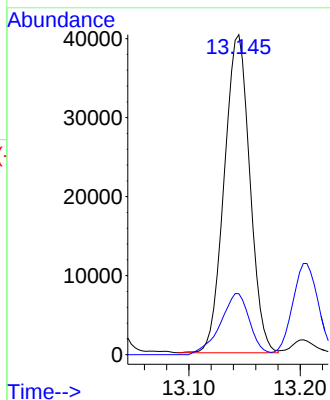
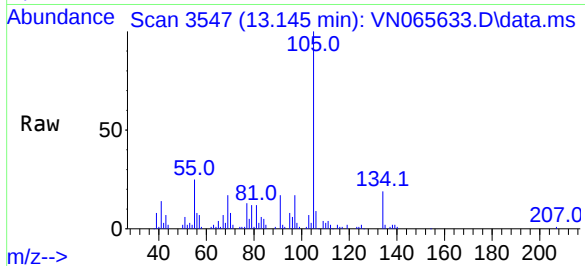




#85
 sec-Butylbenzene
 Concen: 5.81 ug/l
 RT: 13.145 min Scan# 3547
 Delta R.T. 0.004 min
 Lab File: VN065633.D
 Acq: 27 Jan 2021 16:37

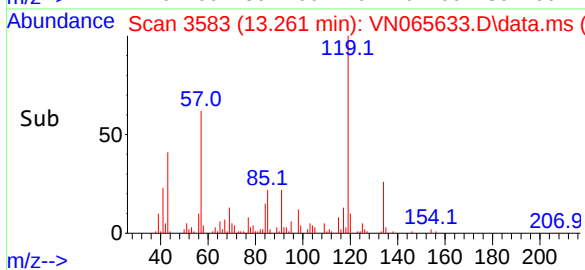
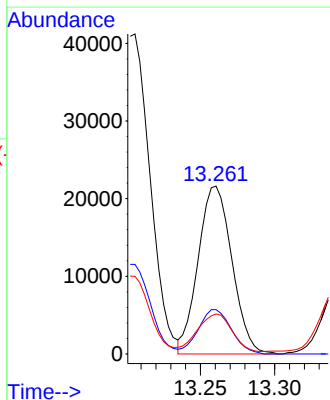
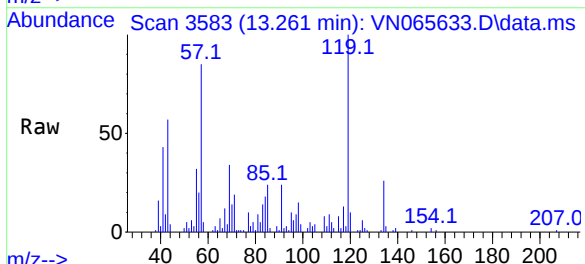
Instrument :
 MSVOA_N
 ClientSampleId :
 20796ME

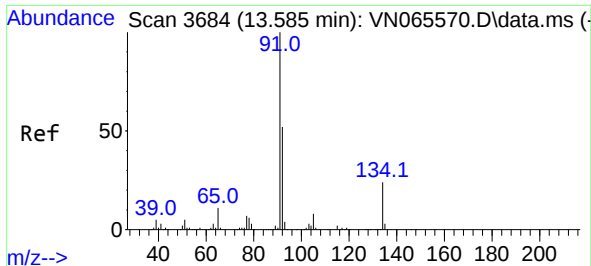
Tgt Ion:105 Resp: 64178
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 3.51 ug/l
 RT: 13.261 min Scan# 3583
 Delta R.T. 0.004 min
 Lab File: VN065633.D
 Acq: 27 Jan 2021 16:37

Tgt Ion:119 Resp: 34241
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.3 39.8
 91 22.5 11.8 35.3

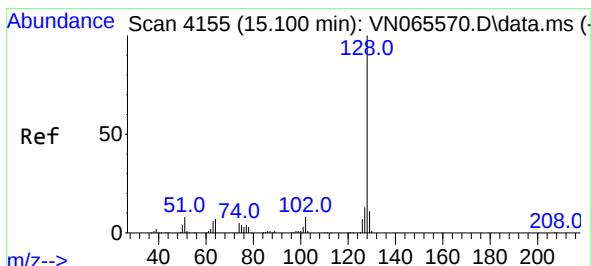
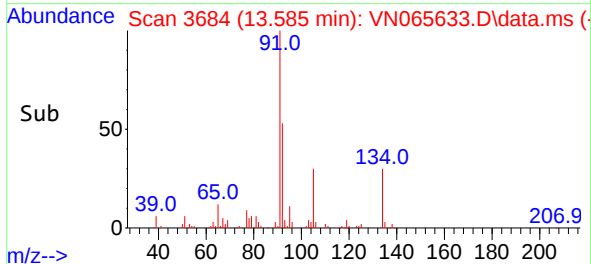
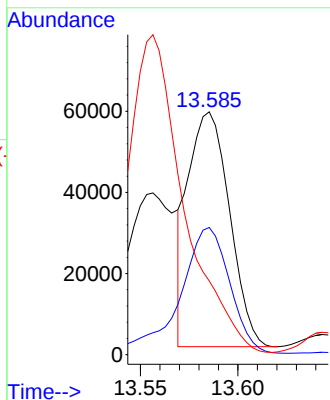
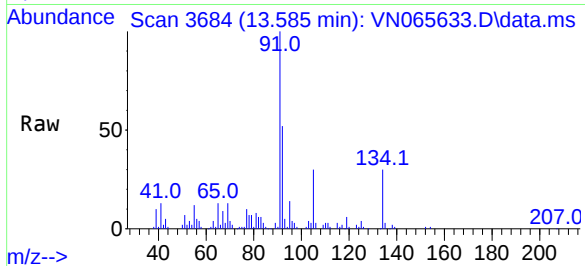




#89
n-Butylbenzene
Concen: 9.73 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Instrument :
MSVOA_N
ClientSampled :
20796ME

Tgt Ion:	91	Resp:	85236
Ion	Ratio	Lower	Upper
91	100		
92	65.1	26.1	78.3
134	0.0	13.0	38.9#



#95
Naphthalene
Concen: 22.90 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065633.D
Acq: 27 Jan 2021 16:37

Tgt Ion:	128	Resp:	178065
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	11.1	8.6	13.0

