

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010721\
 Data File : VN065430.D
 Acq On : 7 Jan 2021 16:30
 Operator : JC/MD
 Sample : M1022-15
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 41095

Quant Time: Jan 08 01:19:07 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	7.627	168	350860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	569541	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	603547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	280200	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	192524	48.61	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.22%
35) Dibromofluoromethane	7.550	113	169413	49.30	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.60%
50) Toluene-d8	10.058	98	709787	55.11	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	110.22%
62) 4-Bromofluorobenzene	12.373	95	284963	55.34	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	110.68%

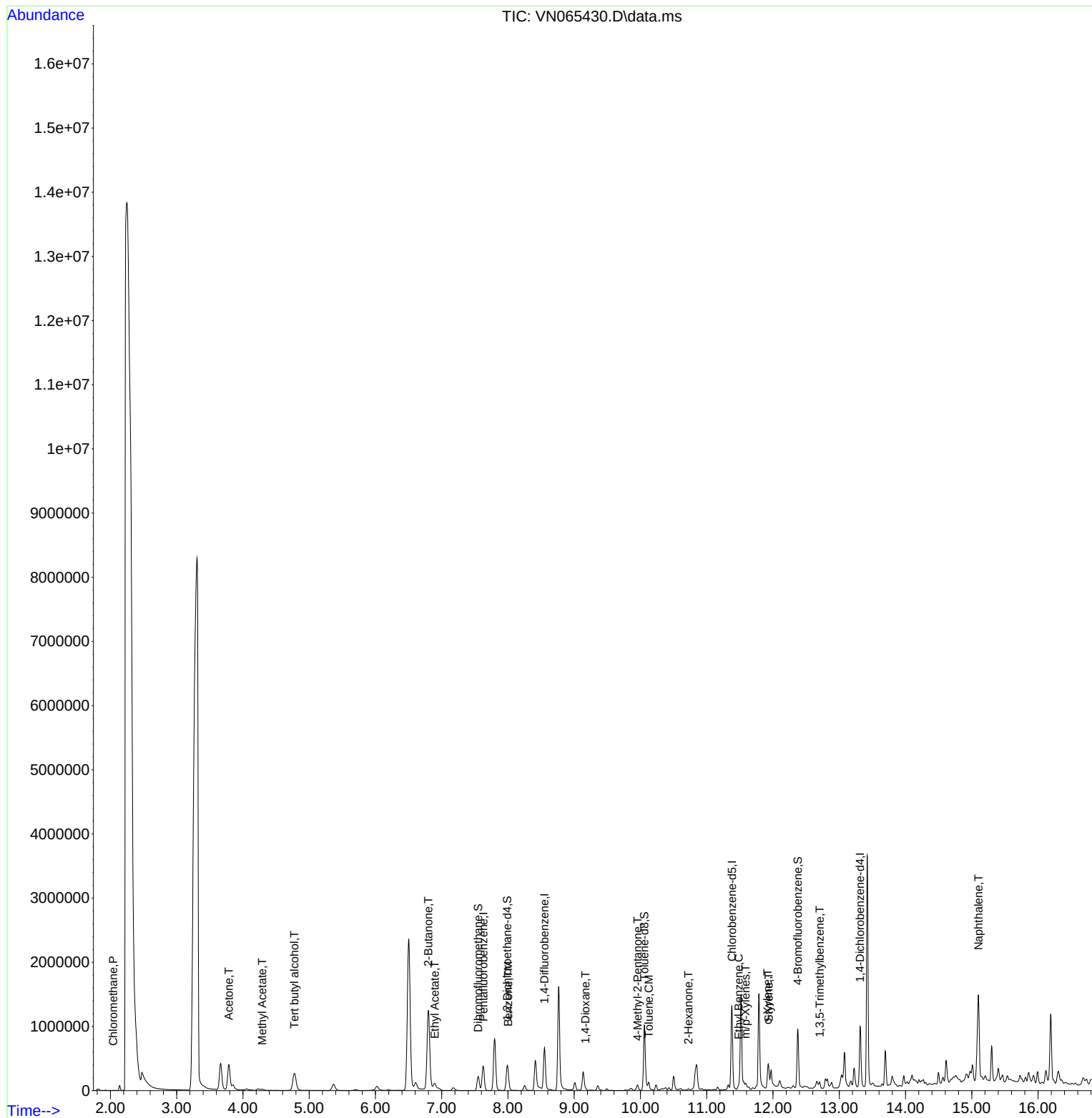
Target Compounds						Qvalue
3) Chloromethane	2.042	50	1730	0.47	ug/l	100
11) Tert butyl alcohol	4.775	59	544758	840.53	ug/l	99
16) Acetone	3.785	43	660122	403.77	ug/l	99
18) Methyl Acetate	4.290	43	35106	9.87	ug/l	98
25) 2-Butanone	6.798	43	2204442	991.35	ug/l	99
37) Ethyl Acetate	6.894	43	161340	31.43	ug/l #	89
40) Benzene	8.004	78	96913	6.29	ug/l #	85
49) 1,4-Dioxane	9.171	88	9983	143.43	ug/l #	26
51) 4-Methyl-2-Pentanone	9.955	43	61132	12.29	ug/l	90
52) Toluene	10.126	92	51297	5.28	ug/l	98
59) 2-Hexanone	10.724	43	13695	3.75	ug/l	93
67) Ethyl Benzene	11.483	91	20391	0.92	ug/l	93
68) m/p-Xylenes	11.589	106	30072	3.61	ug/l	95
69) o-Xylene	11.920	106	21063	2.60	ug/l	99
70) Styrene	11.936	104	44803	3.32	ug/l	98
80) 1,3,5-Trimethylbenzene	12.704	105	12128	0.67	ug/l	89
95) Naphthalene	15.100	128	1090170	73.39	ug/l	100

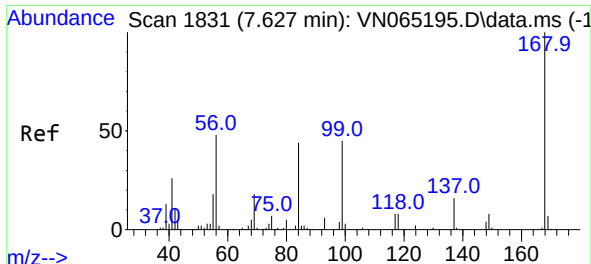
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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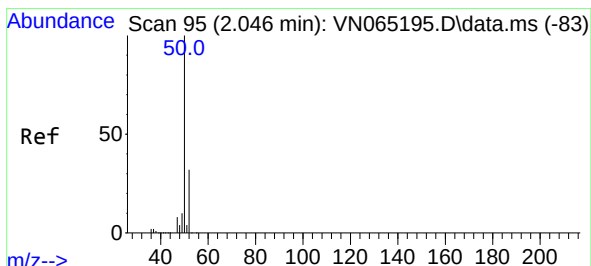
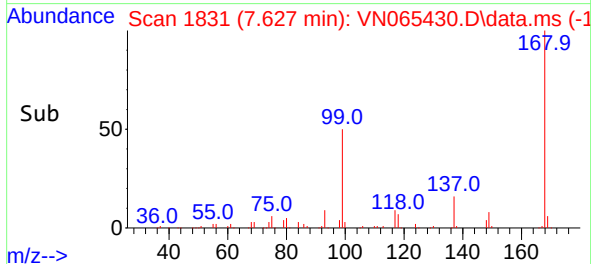
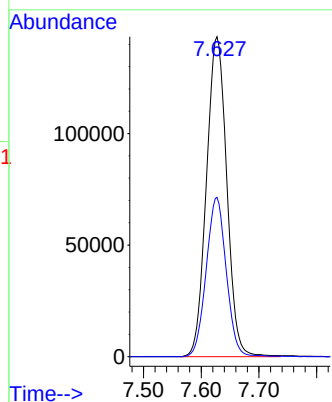
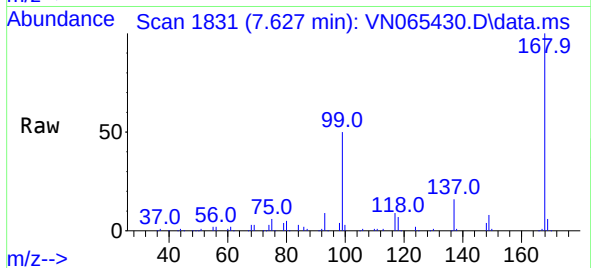




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

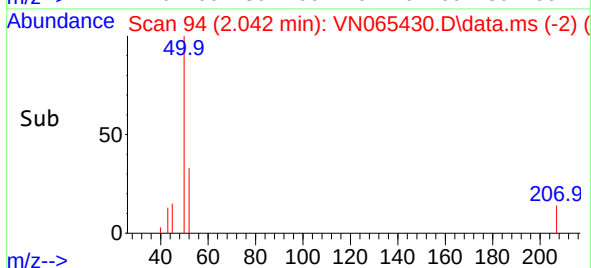
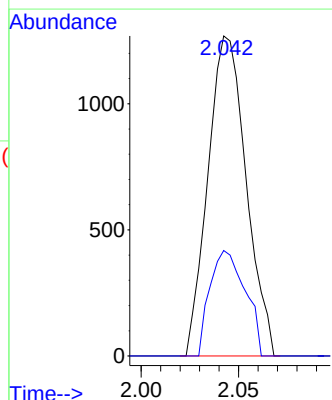
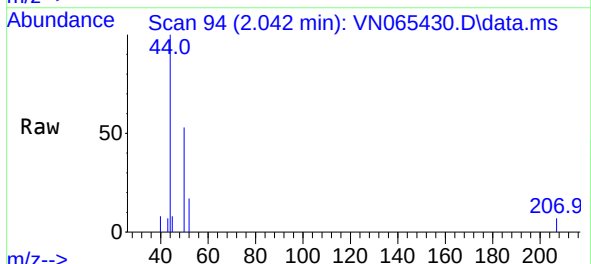
Instrument :
MSVOA_N
ClientSampleId :
41095

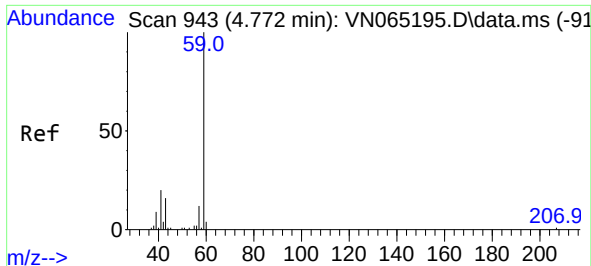
Tgt Ion:168 Resp: 350860
Ion Ratio Lower Upper
168 100
99 49.8 43.0 64.4



#3
Chloromethane
Concen: 0.47 ug/l
RT: 2.042 min Scan# 94
Delta R.T. -0.004 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Tgt Ion: 50 Resp: 1730
Ion Ratio Lower Upper
50 100
52 32.9 26.6 39.8

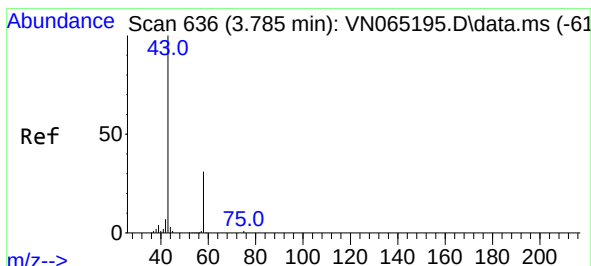
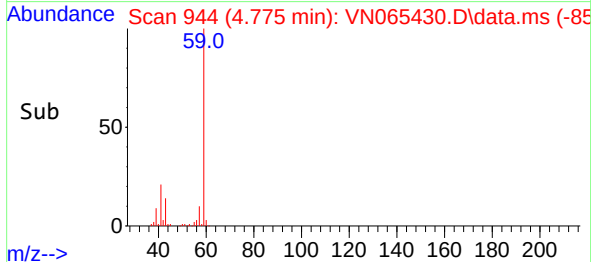
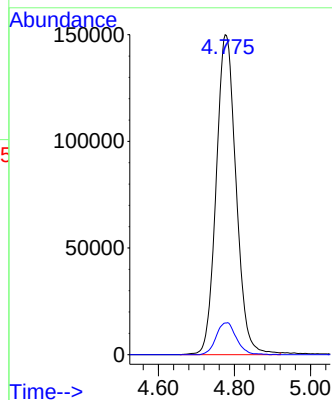
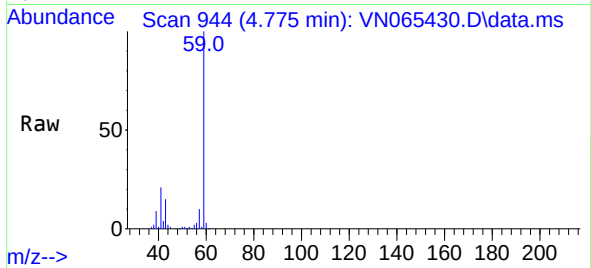




#11
Tert butyl alcohol
Concen: 840.53 ug/l
RT: 4.775 min Scan# 944
Delta R.T. 0.003 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

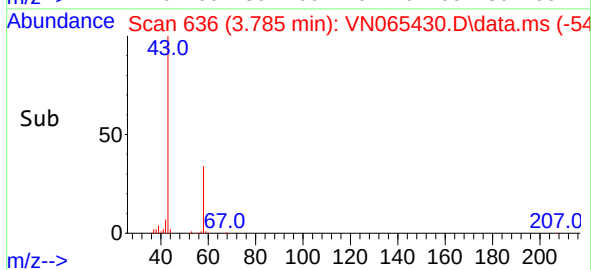
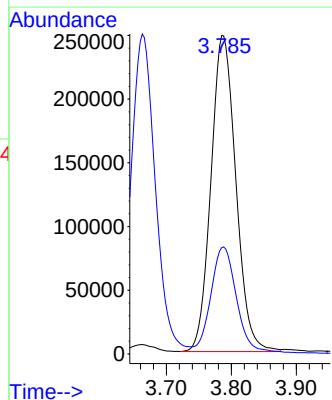
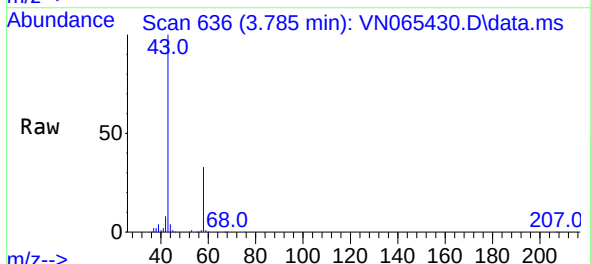
Instrument :
MSVOA_N
ClientSampled :
41095

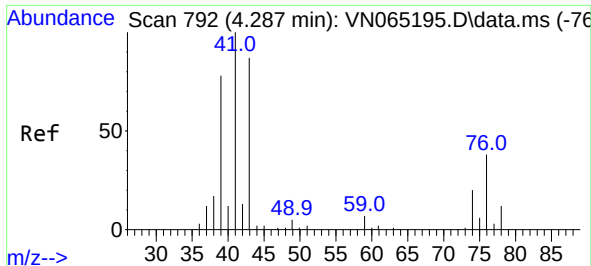
Tgt Ion: 59 Resp: 544758
Ion Ratio Lower Upper
59 100
57 10.2 7.9 11.9



#16
Acetone
Concen: 403.77 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Tgt Ion: 43 Resp: 660122
Ion Ratio Lower Upper
43 100
58 32.9 25.7 38.5





#18

Methyl Acetate

Concen: 9.87 ug/l

RT: 4.290 min Scan# 793

Delta R.T. 0.003 min

Lab File: VN065430.D

Acq: 7 Jan 2021 16:30

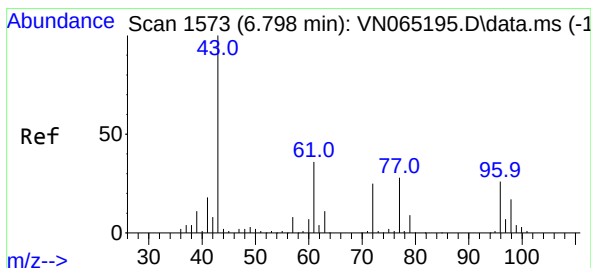
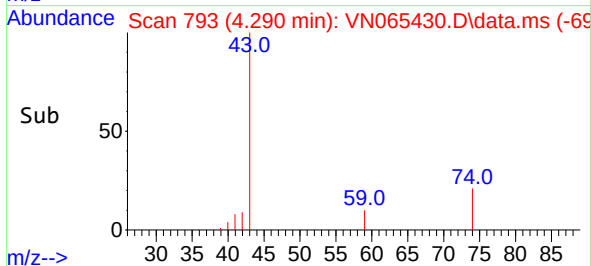
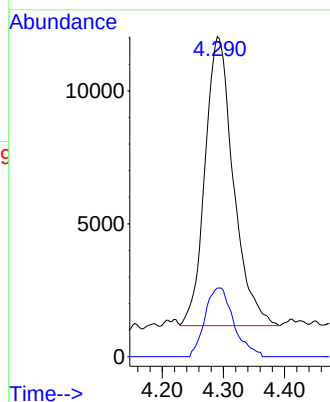
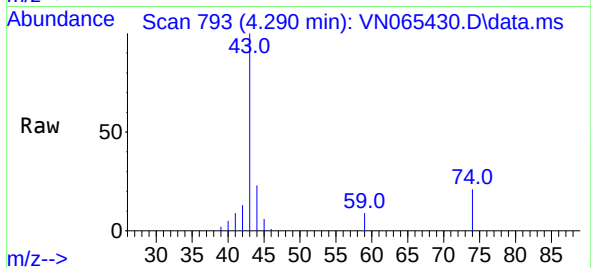
Instrument :
MSVOA_N
ClientSampled :
41095

Tgt Ion: 43 Resp: 35106

Ion Ratio Lower Upper

43 100

74 24.0 20.2 30.2



#25

2-Butanone

Concen: 991.35 ug/l

RT: 6.798 min Scan# 1573

Delta R.T. -0.000 min

Lab File: VN065430.D

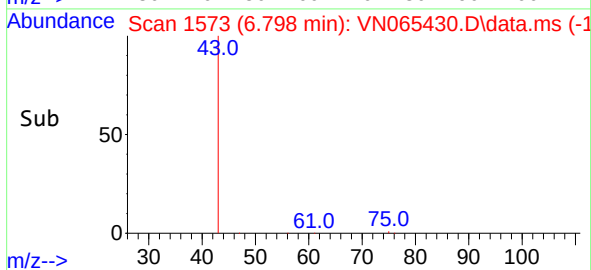
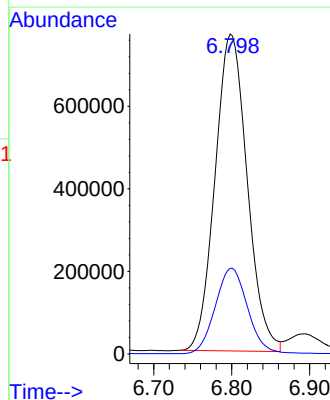
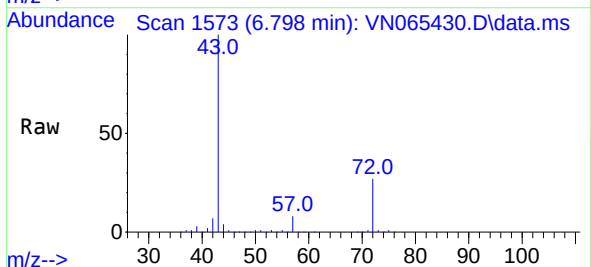
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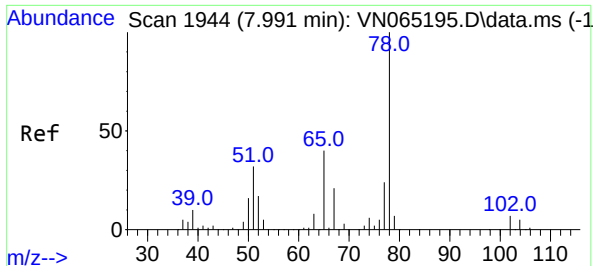
Tgt Ion: 43 Resp: 2204442

Ion Ratio Lower Upper

43 100

72 27.0 21.0 31.6

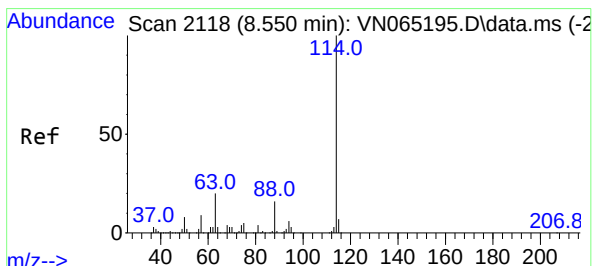
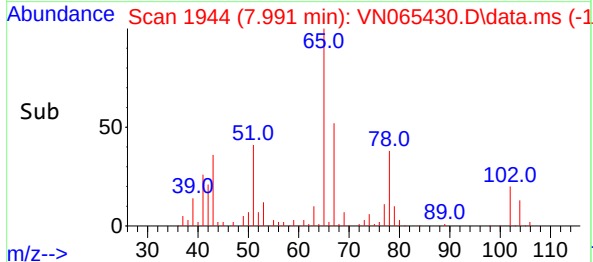
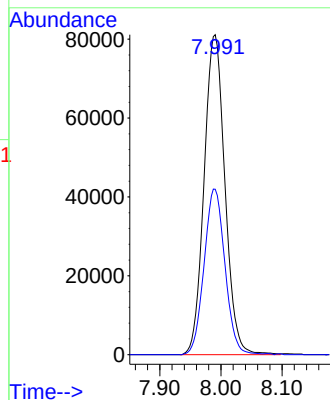
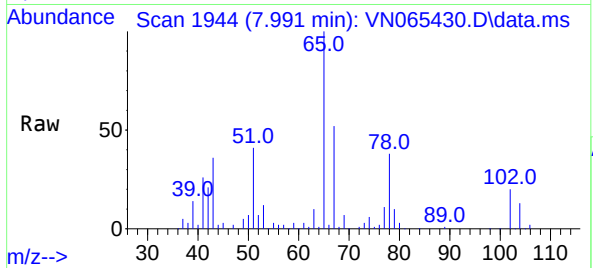




#33
1,2-Dichloroethane-d4
Concen: 48.61 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

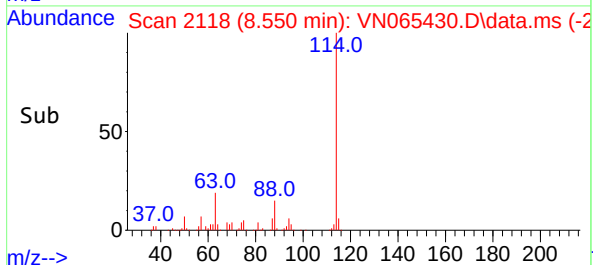
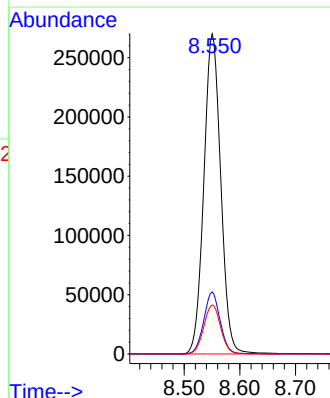
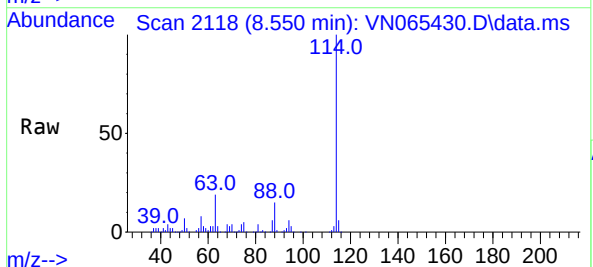
Instrument :
MSVOA_N
ClientSampleId :
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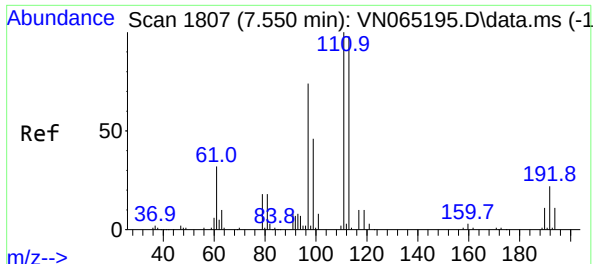
Tgt Ion: 65 Resp: 192524
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Tgt Ion: 114 Resp: 569541
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.3 0.0 32.6

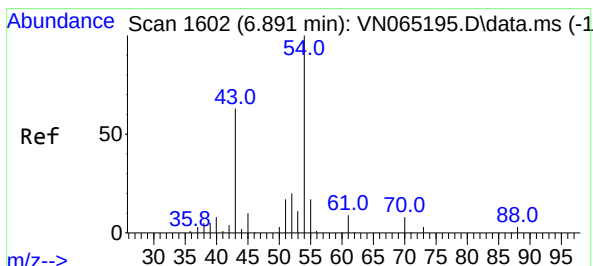
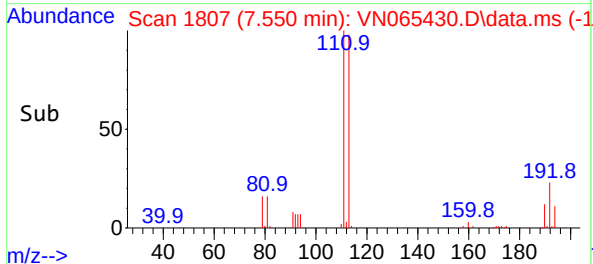
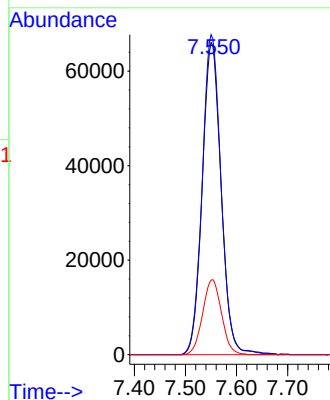
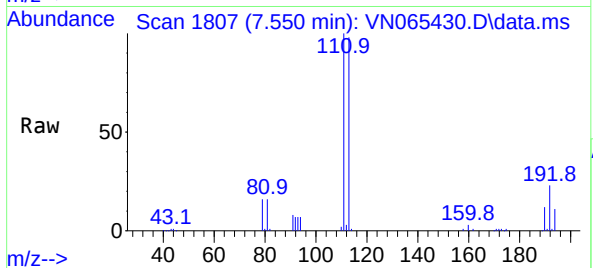




#35
Dibromofluoromethane
Concen: 49.30 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

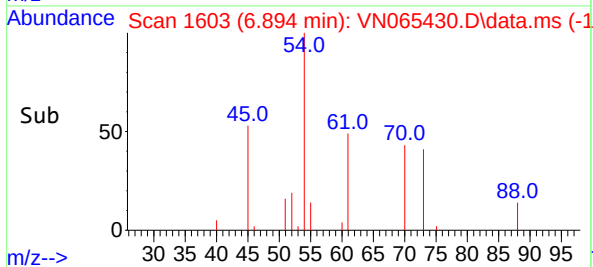
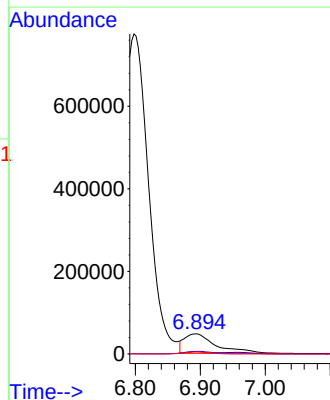
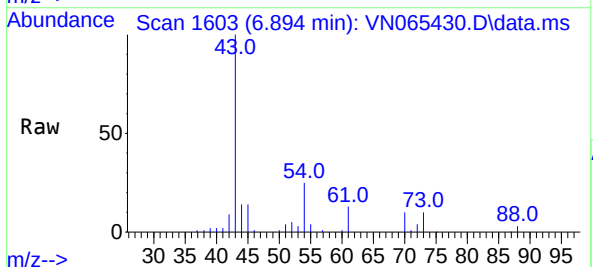
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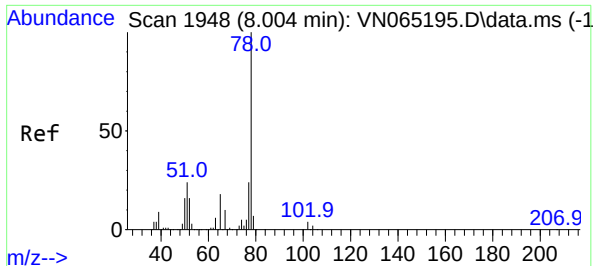
Tgt Ion:113 Resp: 169413
Ion Ratio Lower Upper
113 100
111 102.2 81.6 122.4
192 24.1 16.2 24.2



#37
Ethyl Acetate
Concen: 31.43 ug/l
RT: 6.894 min Scan# 1603
Delta R.T. 0.003 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Tgt Ion: 43 Resp: 161340
Ion Ratio Lower Upper
43 100
61 10.3 12.8 19.2#
70 8.1 8.8 13.2#

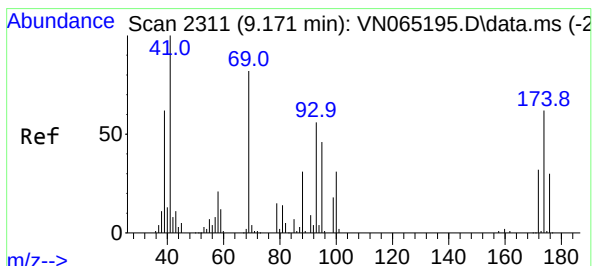
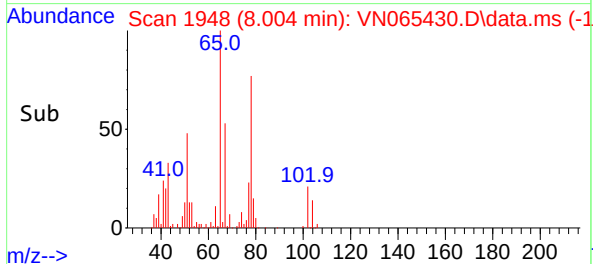
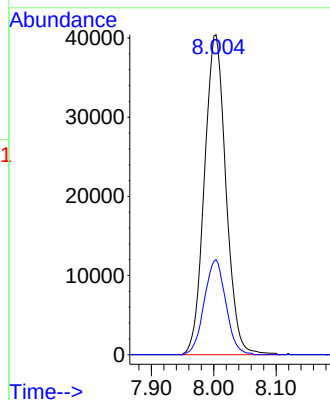
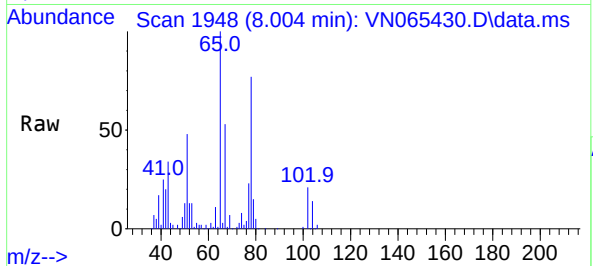




#40
Benzene
Concen: 6.29 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

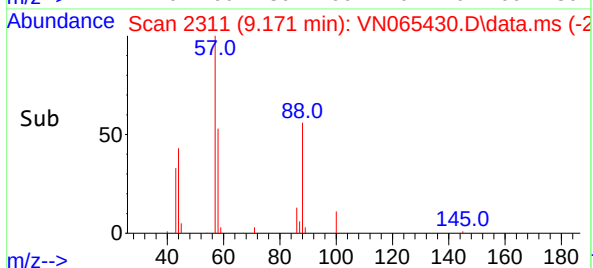
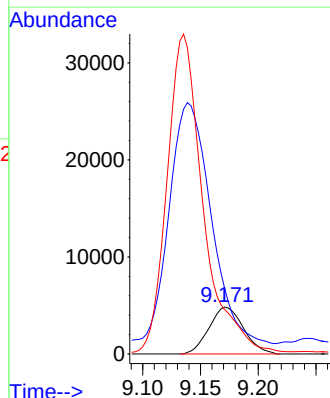
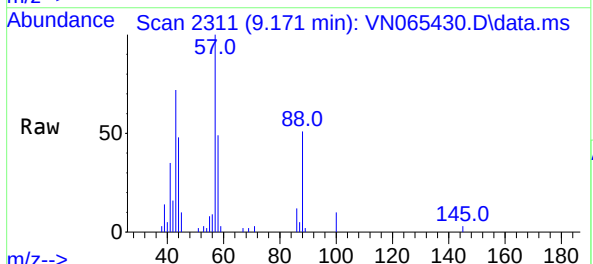
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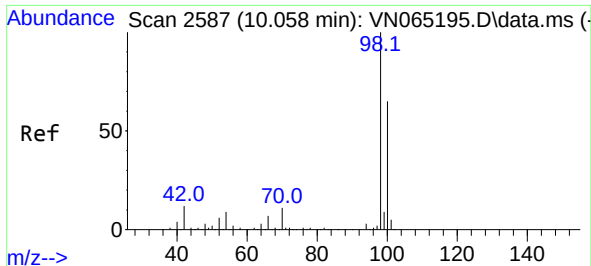
Tgt Ion: 78 Resp: 96913
Ion Ratio Lower Upper
78 100
77 29.7 17.9 26.9#



#49
1,4-Dioxane
Concen: 143.43 ug/l
RT: 9.171 min Scan# 2311
Delta R.T. -0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Tgt Ion: 88 Resp: 9983
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 0.0 52.5 78.7#

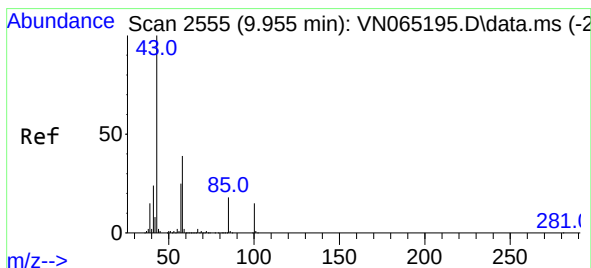
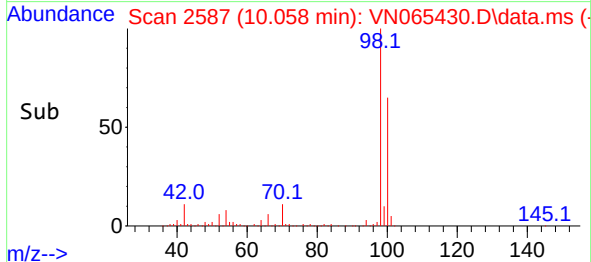
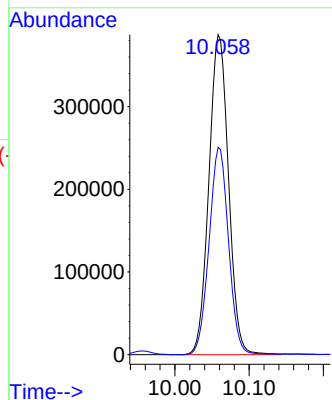
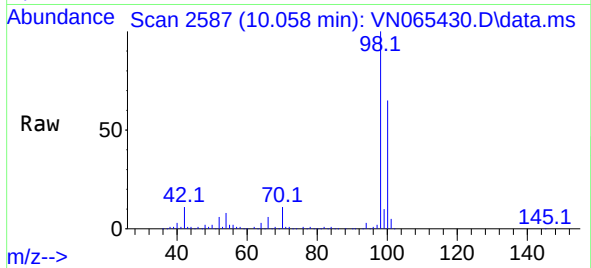




#50
Toluene-d8
Concen: 55.11 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

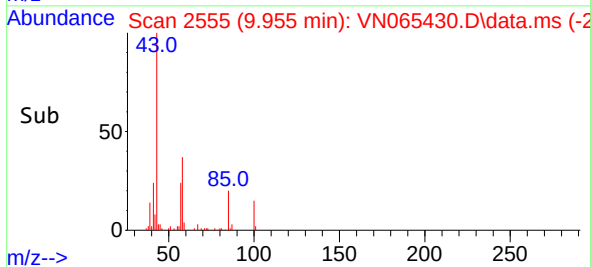
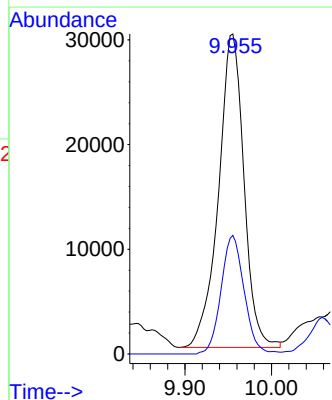
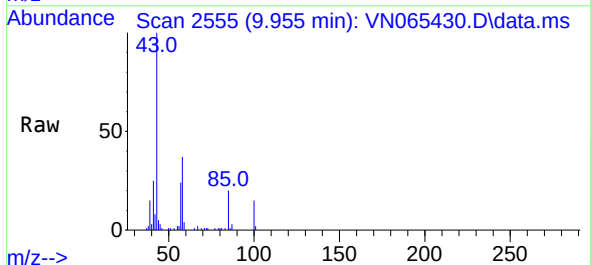
Instrument :
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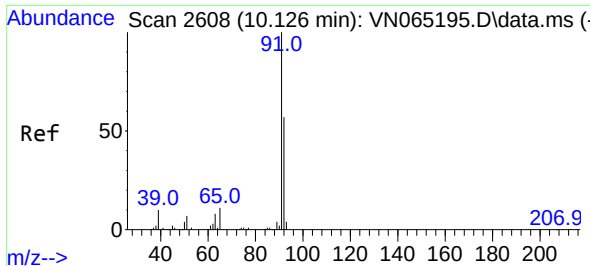
Tgt Ion: 98 Resp: 709787
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 12.29 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Tgt Ion: 43 Resp: 61132
Ion Ratio Lower Upper
43 100
58 34.3 32.4 48.6

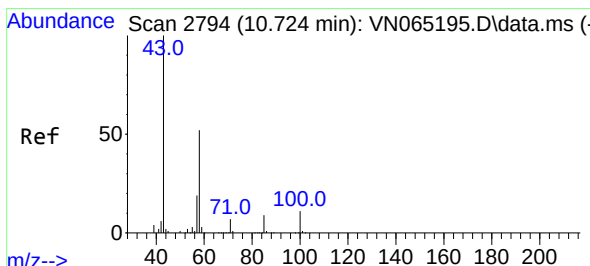
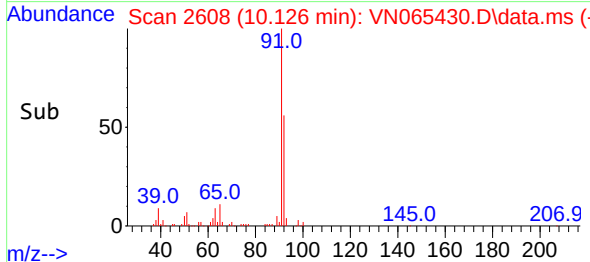
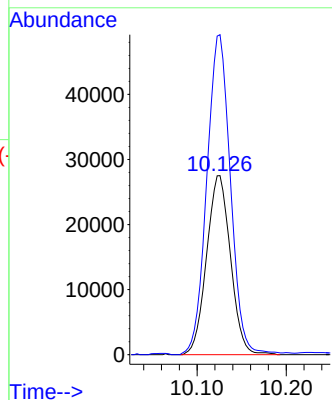
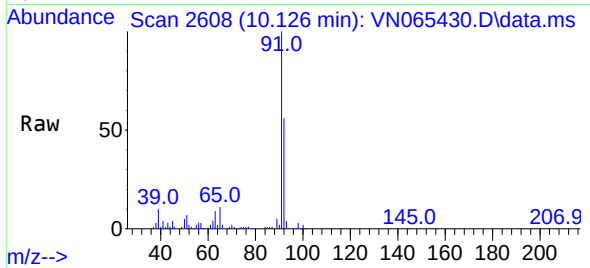




#52
Toluene
Concen: 5.28 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

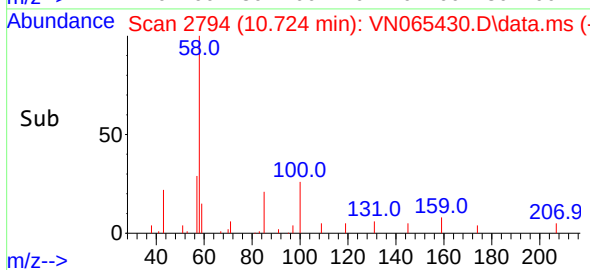
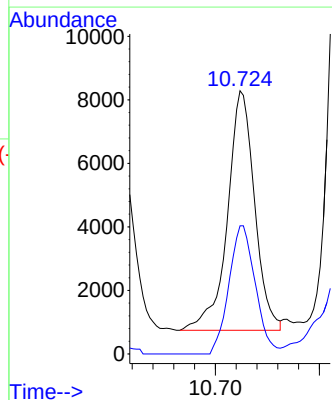
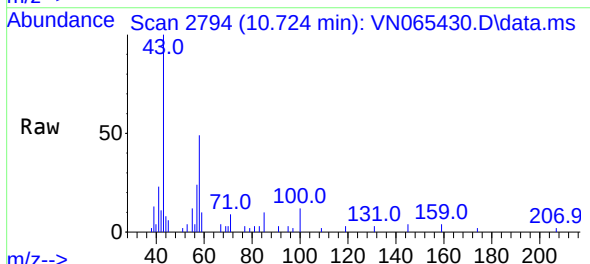
Instrument :
MSVOA_N
ClientSampled :
41095

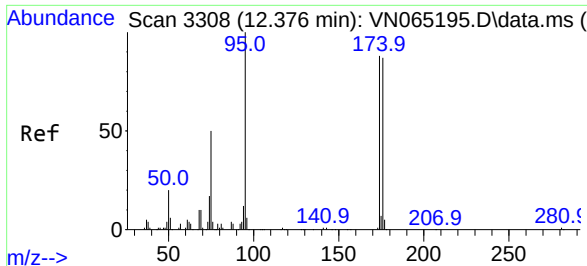
Tgt Ion: 92 Resp: 51297
Ion Ratio Lower Upper
92 100
91 176.9 139.1 208.7



#59
2-Hexanone
Concen: 3.75 ug/l
RT: 10.724 min Scan# 2794
Delta R.T. -0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Tgt Ion: 43 Resp: 13695
Ion Ratio Lower Upper
43 100
58 51.8 28.3 84.9

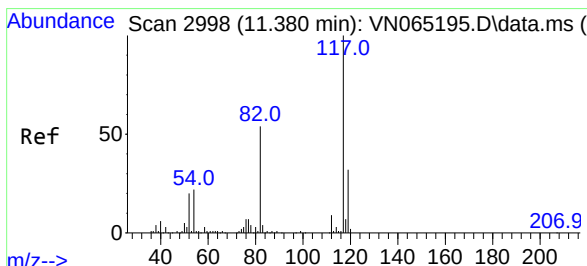
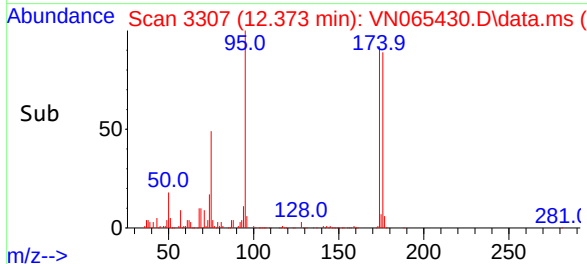
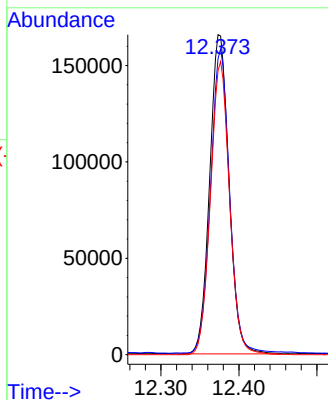
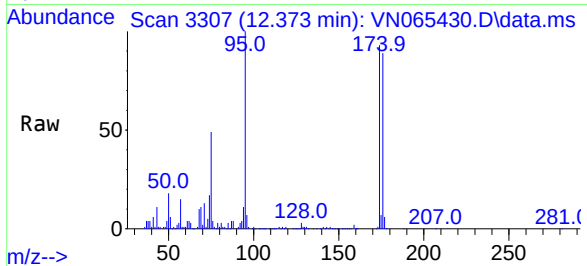




#62
4-Bromofluorobenzene
Concen: 55.34 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.003 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

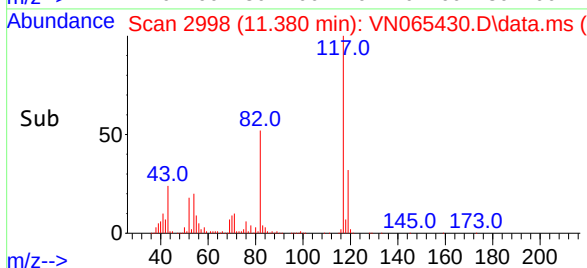
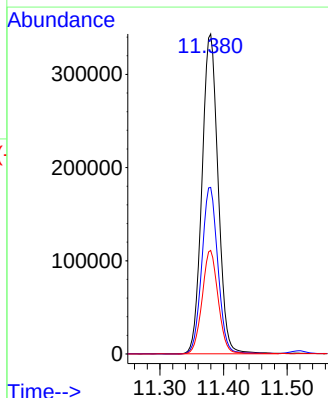
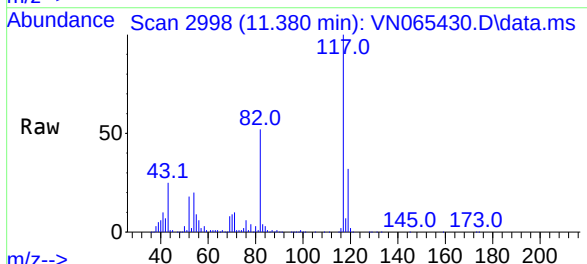
Instrument :
MSVOA_N
ClientSampled :
41095

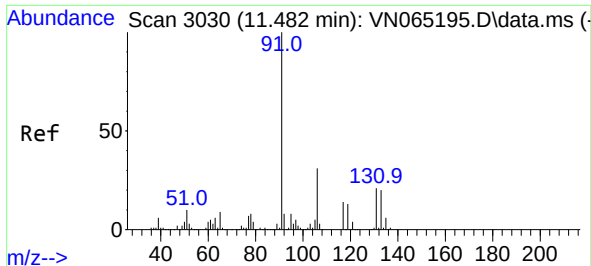
Tgt Ion: 95 Resp: 284963
Ion Ratio Lower Upper
95 100
174 93.6 0.0 160.4
176 90.7 0.0 158.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Tgt Ion: 117 Resp: 603547
Ion Ratio Lower Upper
117 100
82 52.1 44.2 66.2
119 32.4 25.8 38.6

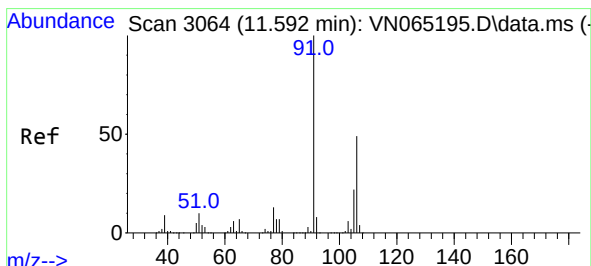
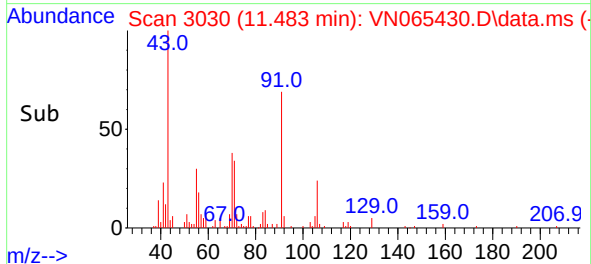
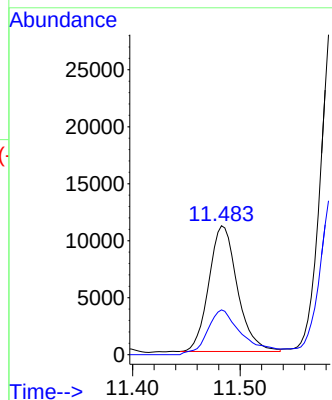
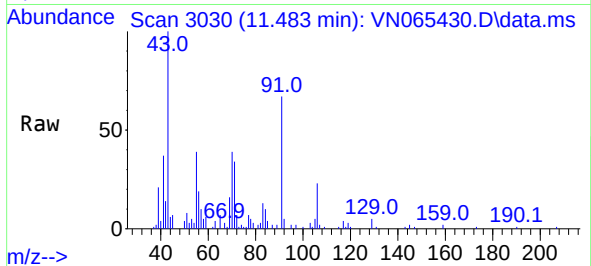




#67
Ethyl Benzene
Concen: 0.92 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.001 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

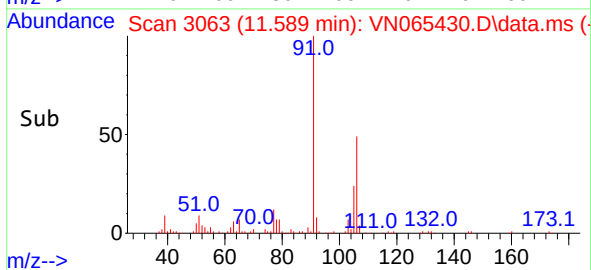
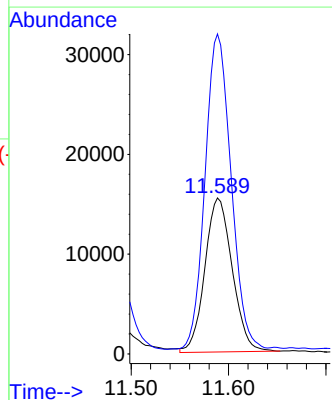
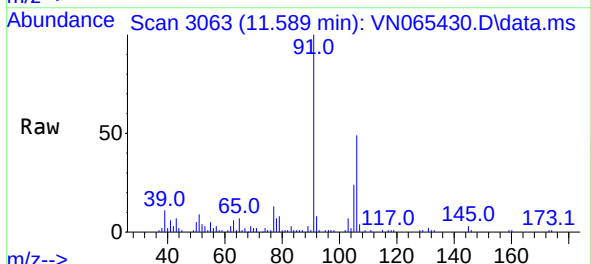
Instrument :
MSVOA_N
ClientSampled :
41095

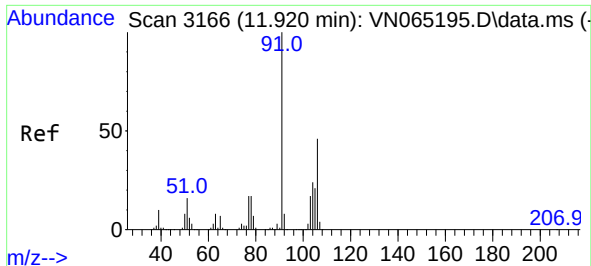
Tgt Ion: 91 Resp: 20391
Ion Ratio Lower Upper
91 100
106 35.6 25.2 37.8



#68
m/p-Xylenes
Concen: 3.61 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Tgt Ion: 106 Resp: 30072
Ion Ratio Lower Upper
106 100
91 194.3 161.0 241.4

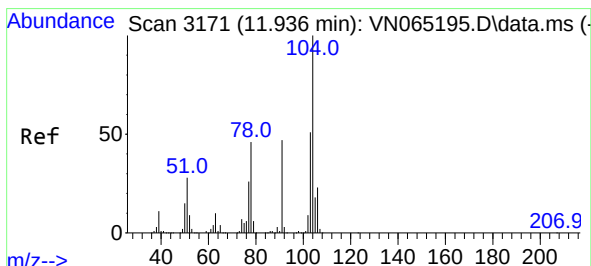
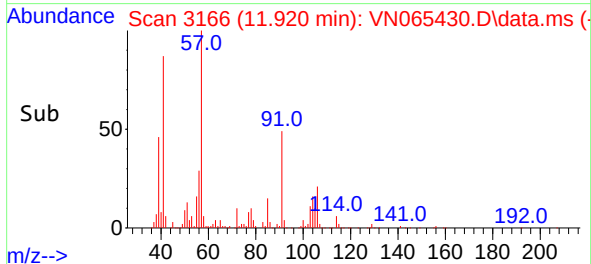
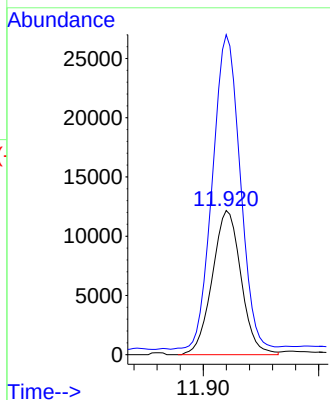
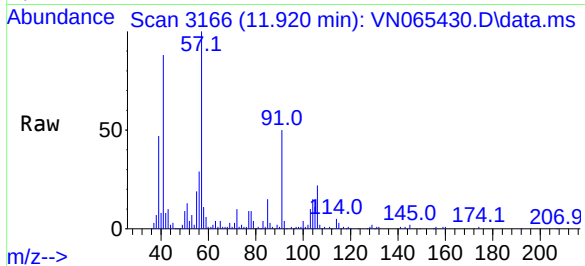




#69
o-Xylene
Concen: 2.60 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

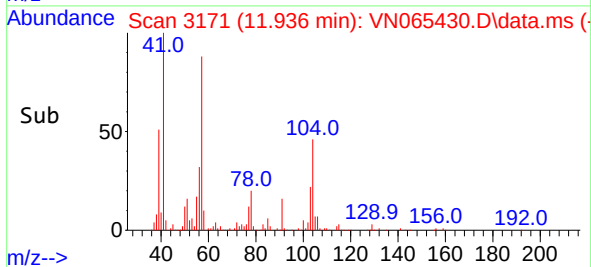
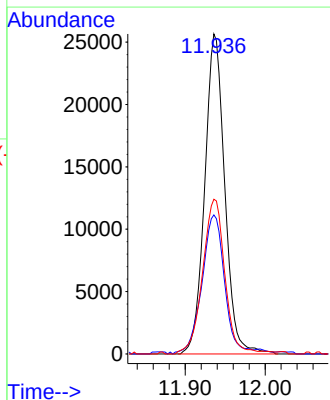
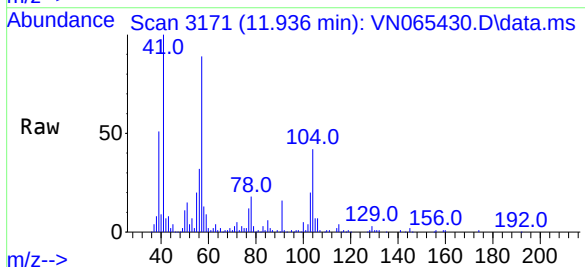
Instrument :
MSVOA_N
ClientSampled :
41095

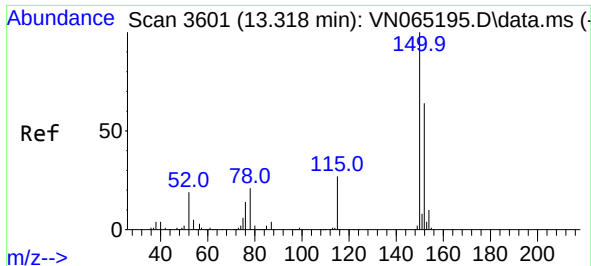
Tgt Ion:106 Resp: 21063
Ion Ratio Lower Upper
106 100
91 209.4 105.5 316.5



#70
Styrene
Concen: 3.32 ug/l
RT: 11.936 min Scan# 3171
Delta R.T. -0.000 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Tgt Ion:104 Resp: 44803
Ion Ratio Lower Upper
104 100
78 48.8 39.0 58.6
103 53.4 44.3 66.5

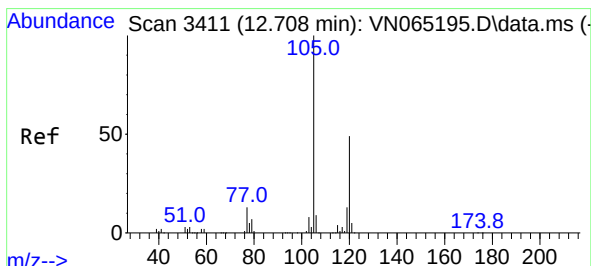
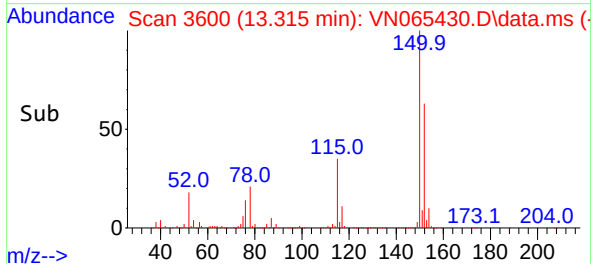
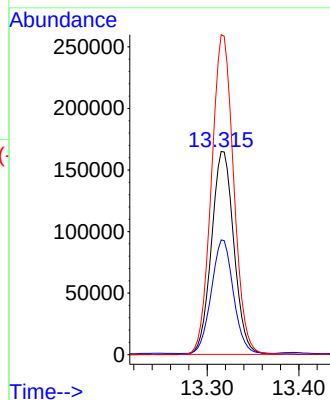
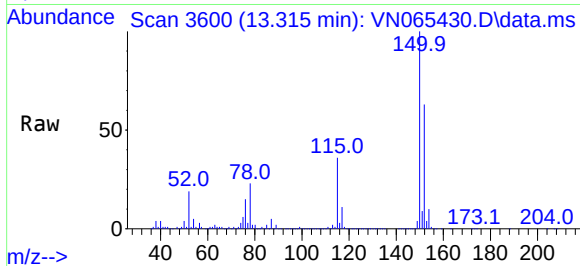




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. -0.003 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

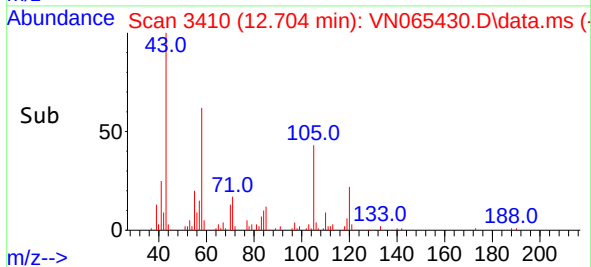
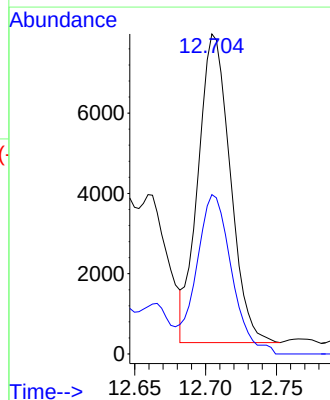
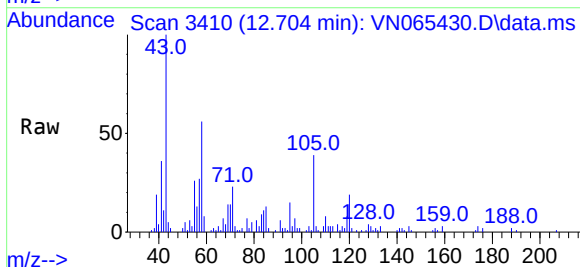
Instrument :
MSVOA_N
ClientSampleId :
41095

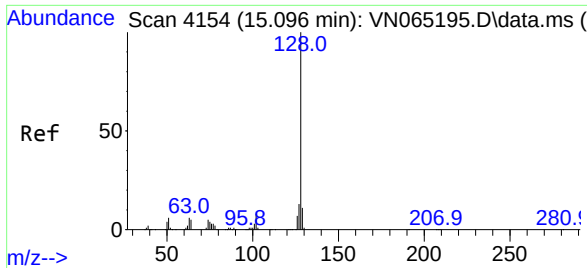
Tgt Ion:152 Resp: 280200
Ion Ratio Lower Upper
152 100
115 54.9 29.7 89.1
150 157.0 0.0 350.6



#80
1,3,5-Trimethylbenzene
Concen: 0.67 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. -0.004 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Tgt Ion:105 Resp: 12128
Ion Ratio Lower Upper
105 100
120 56.8 24.6 73.6





#95
Naphthalene
Concen: 73.39 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN065430.D
Acq: 7 Jan 2021 16:30

Instrument :
MSVOA_N
ClientSampleId :
41095

Tgt Ion:128 Resp: 1090170
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.1 8.7 13.1

