

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122320\
 Data File : VN065241.D
 Acq On : 23 Dec 2020 17:43
 Operator : JC/MD
 Sample : L5189-08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 09-1-3

Quant Time: Dec 24 04:22:59 2020
 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)

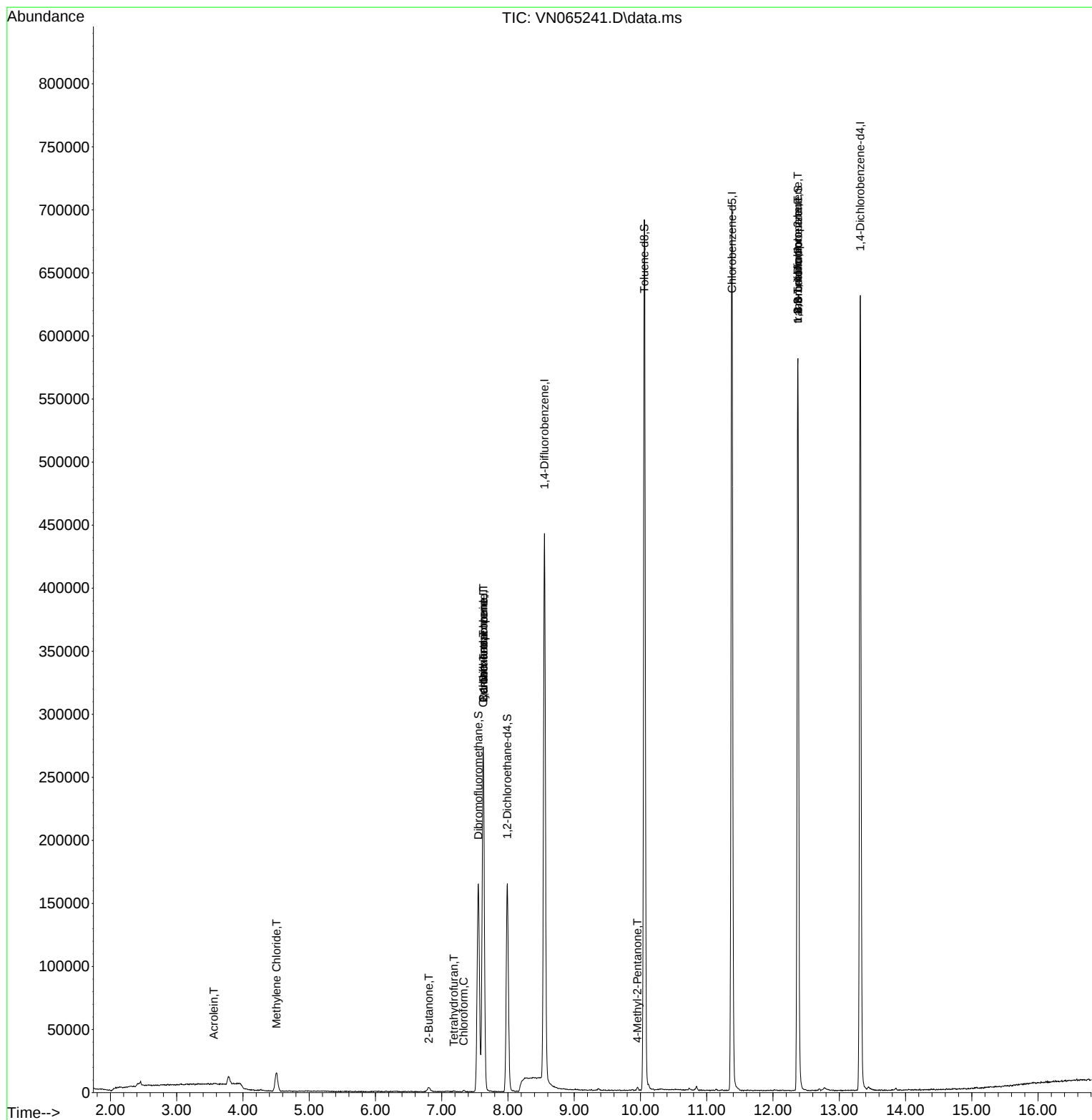
Internal Standards						
1) Pentafluorobenzene	7.627	168	242493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	402919	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	421751	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	184668	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	143728	52.50	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.00%
35) Dibromofluoromethane	7.553	113	125046	51.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.88%
50) Toluene-d8	10.058	98	497769	54.64	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.28%
62) 4-Bromofluorobenzene	12.376	95	202284	55.51	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.02%
Target Compounds						
					Qvalue	
13) Acrolein	3.560	56	63	2.62	ug/l	99
16) Acetone	3.785	43	9666	Below	Cal	100
20) Methylene Chloride	4.505	84	11343	4.25	ug/l	99
25) 2-Butanone	6.804	43	2036	1.32	ug/l #	81
29) Tetrahydrofuran	7.184	42	357	0.36	ug/l #	32
30) Chloroform	7.332	83	1067	0.24	ug/l	98
31) Cyclohexane	7.624	56	4288	1.06	ug/l #	7
36) 1,1-Dichloropropene	7.627	75	15946	4.35	ug/l #	50
38) Carbon Tetrachloride	7.627	117	20774	5.40	ug/l #	16
51) 4-Methyl-2-Pentanone	9.952	43	1572	0.45	ug/l #	86
71) Bromoform	12.376	173	1136	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	101820	27.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	101820	68.15	ug/l #	15

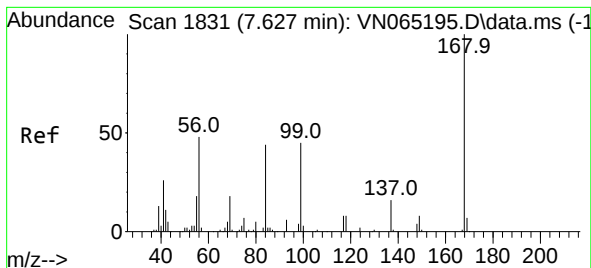
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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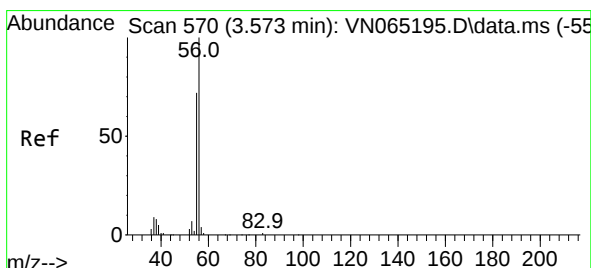
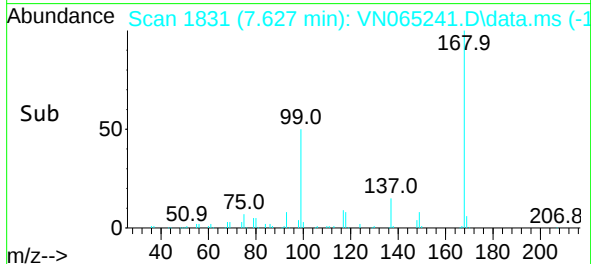
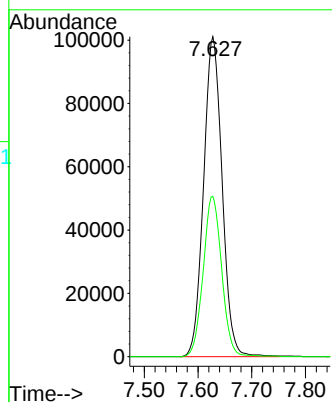
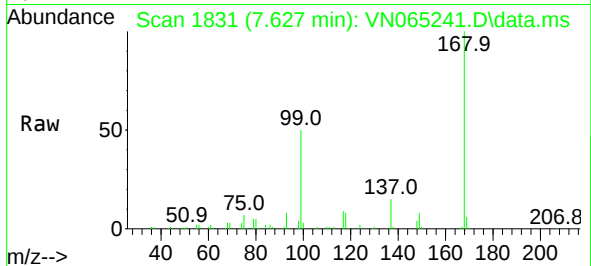




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

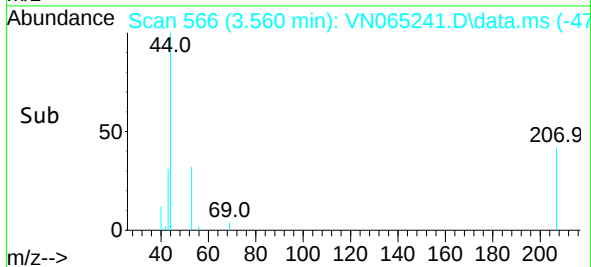
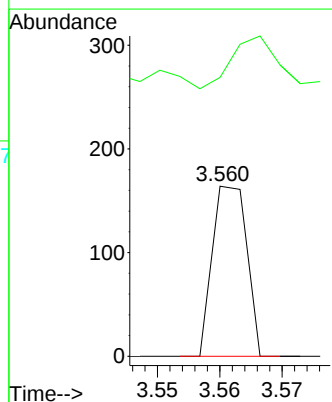
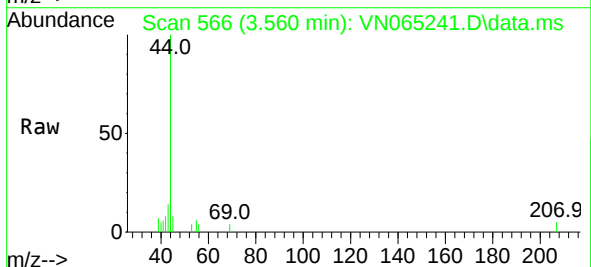
Instrument :
MSVOA_N
ClientSampled :
09-1-3

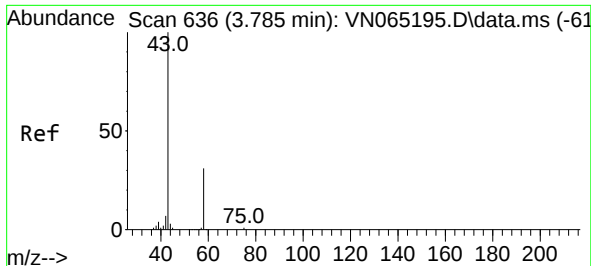
Tgt Ion:168 Resp: 242493
Ion Ratio Lower Upper
168 100
99 50.1 43.0 64.4



#13
Acrolein
Concen: 2.62 ug/l
RT: 3.560 min Scan# 566
Delta R.T. -0.013 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 71.4 56.5 84.7

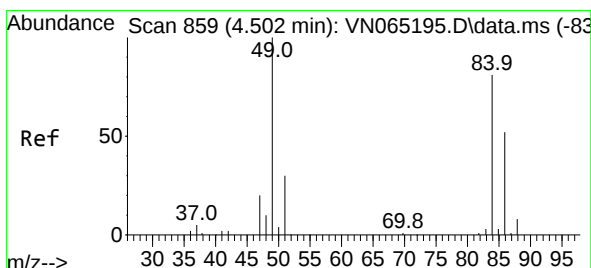
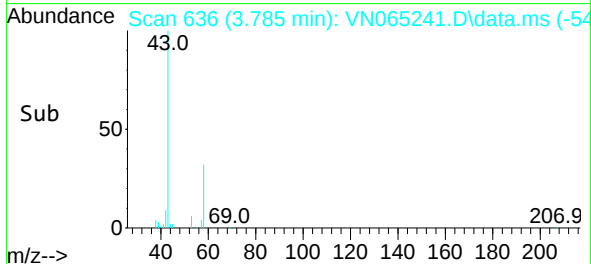
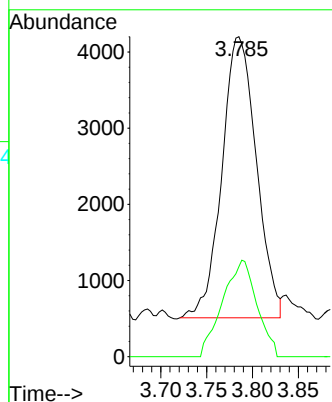
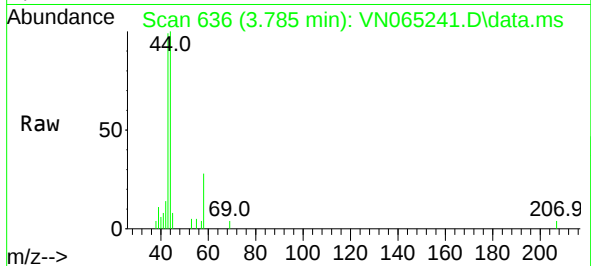




#16
Acetone
Concen: Below Cal
RT: 3.785 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

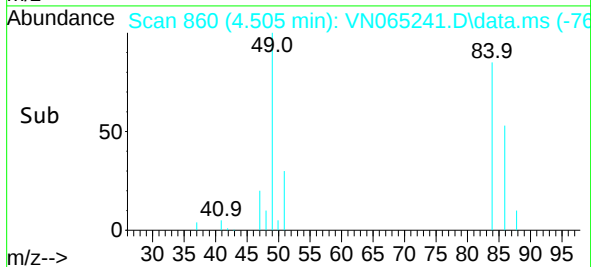
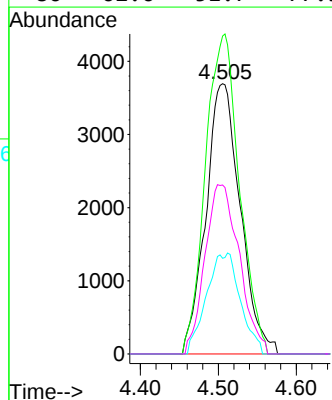
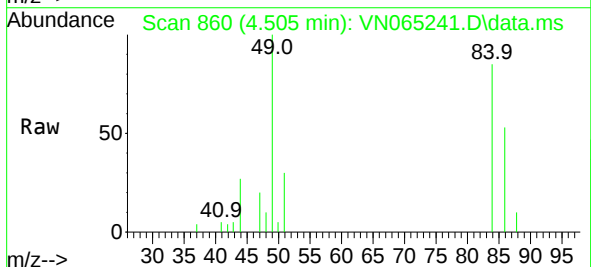
Instrument :
MSVOA_N
ClientSampled :
09-1-3

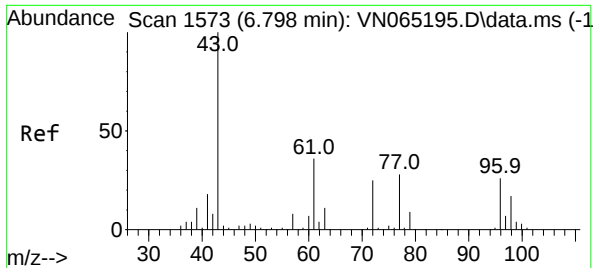
Tgt Ion: 43 Resp: 9666
Ion Ratio Lower Upper
43 100
58 32.1 25.7 38.5



#20
Methylene Chloride
Concen: 4.25 ug/l
RT: 4.505 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

Tgt Ion: 84 Resp: 11343
Ion Ratio Lower Upper
84 100
49 117.7 93.4 140.0
51 35.4 28.2 42.4
86 62.6 51.7 77.5

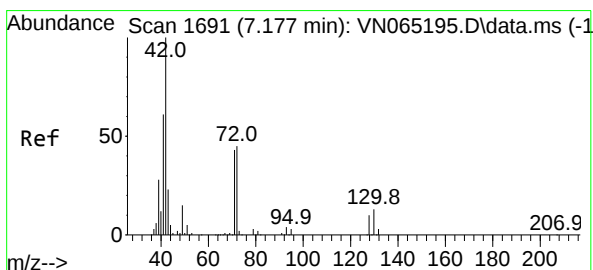
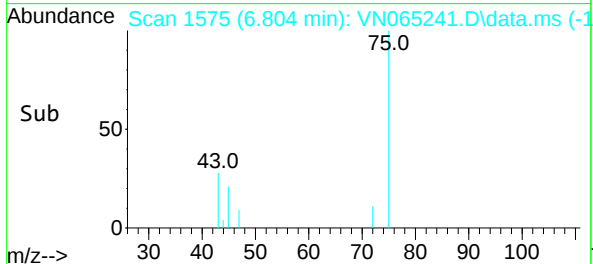
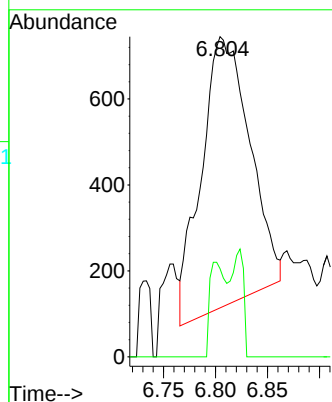
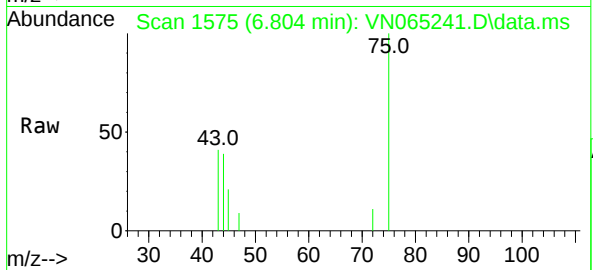




#25
2-Butanone
Concen: 1.32 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

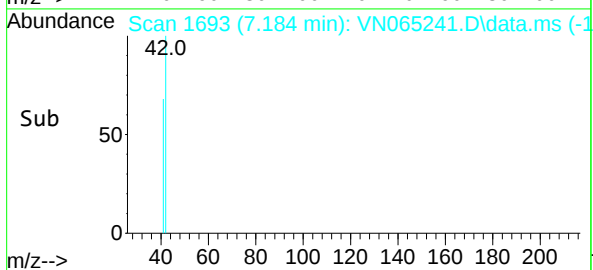
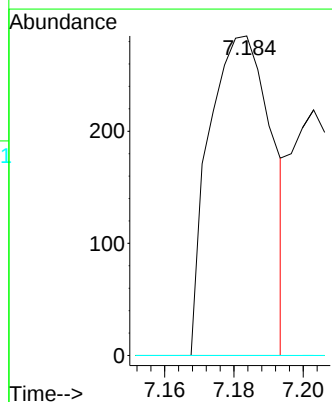
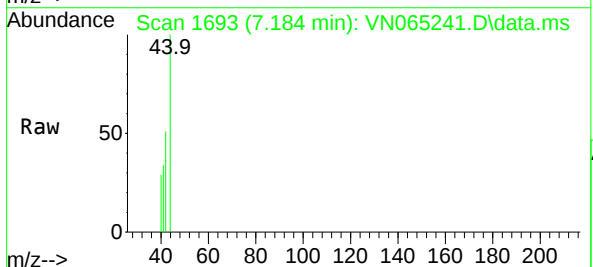
Instrument :
MSVOA_N
ClientSampled :
09-1-3

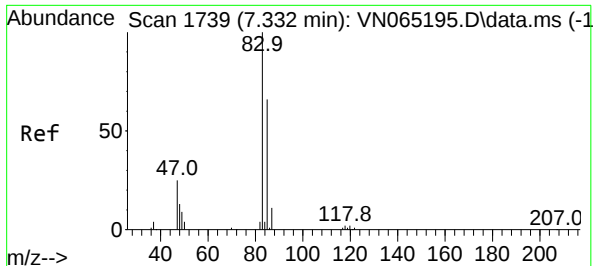
Tgt Ion: 43 Resp: 2036
Ion Ratio Lower Upper
43 100
72 36.1 21.0 31.6#



#29
Tetrahydrofuran
Concen: 0.36 ug/l
RT: 7.184 min Scan# 1693
Delta R.T. 0.007 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

Tgt Ion: 42 Resp: 357
Ion Ratio Lower Upper
42 100
72 0.0 36.6 54.8#
71 0.0 33.6 50.4#





#30

Chloroform

Concen: 0.24 ug/l

RT: 7.332 min Scan# 1739

Delta R.T. -0.000 min

Lab File: VN065241.D

Acq: 23 Dec 2020 17:43

Instrument :

MSVOA_N

ClientSampled :

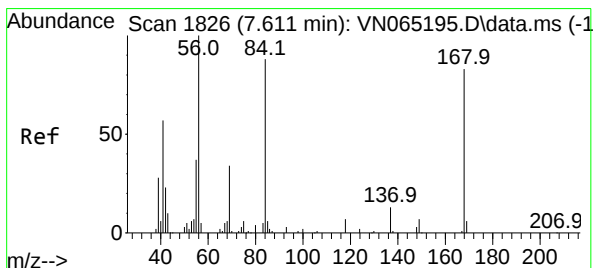
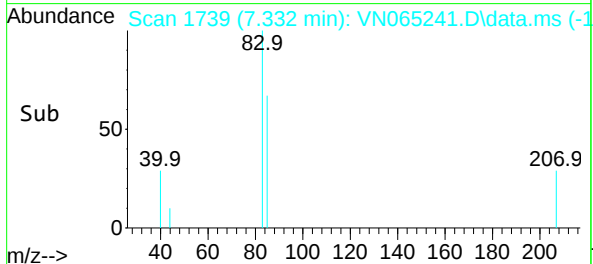
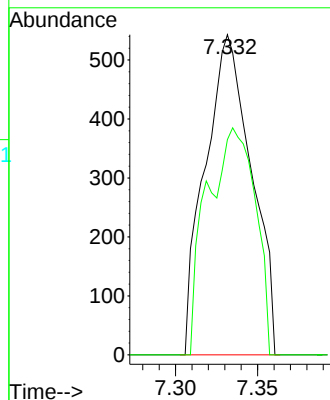
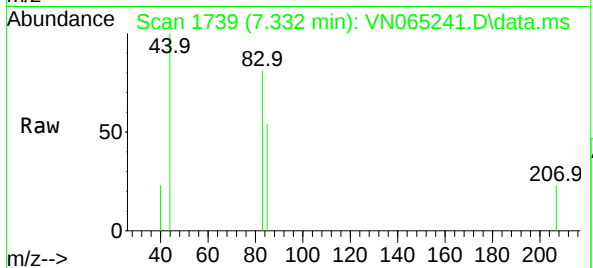
09-1-3

Tgt Ion: 83 Resp: 1067

Ion Ratio Lower Upper

83 100

85 67.2 52.6 78.8



#31

Cyclohexane

Concen: 1.06 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. 0.013 min

Lab File: VN065241.D

Acq: 23 Dec 2020 17:43

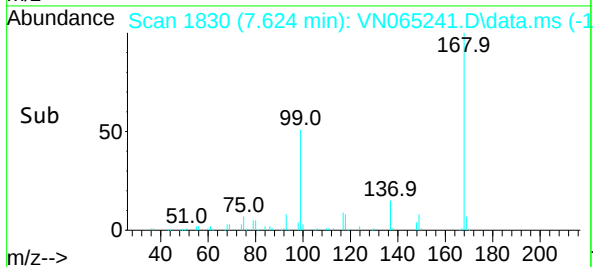
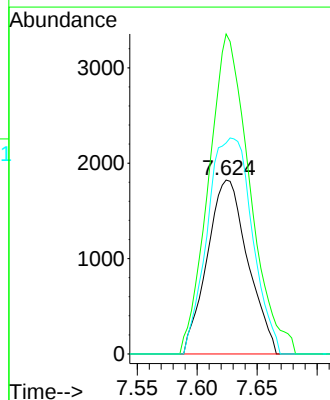
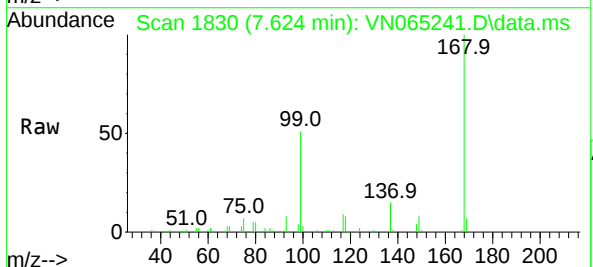
Tgt Ion: 56 Resp: 4288

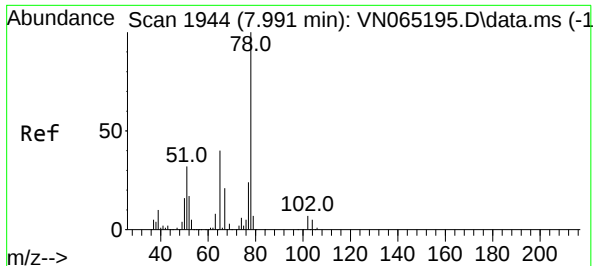
Ion Ratio Lower Upper

56 100

69 184.0 27.5 41.3#

84 121.3 73.9 110.9#

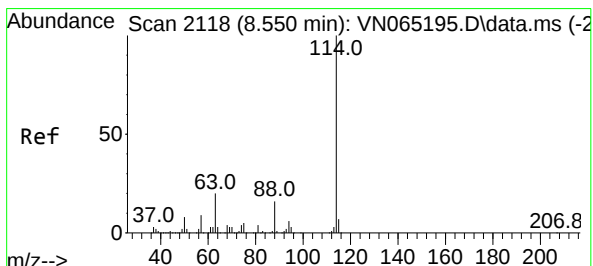
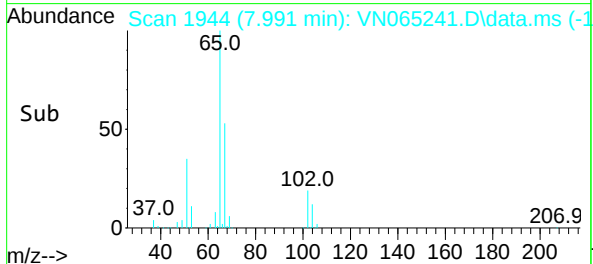
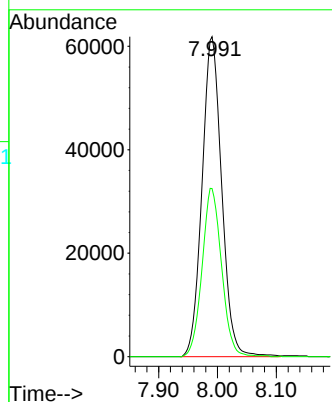
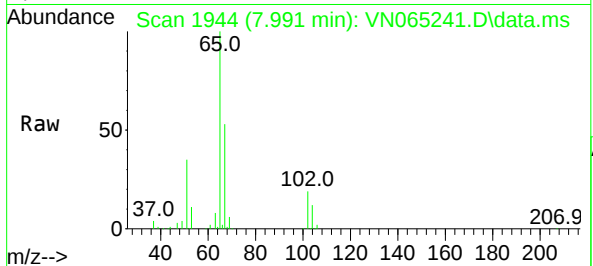




#33
1,2-Dichloroethane-d4
Concen: 52.50 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

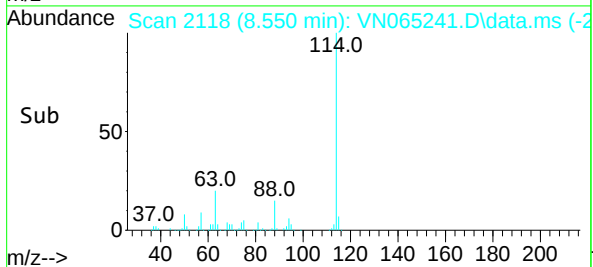
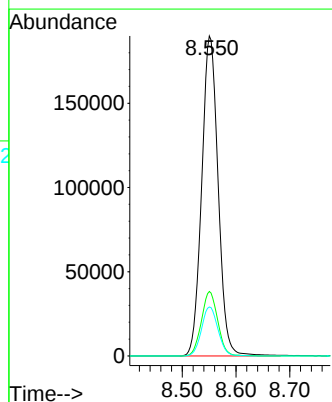
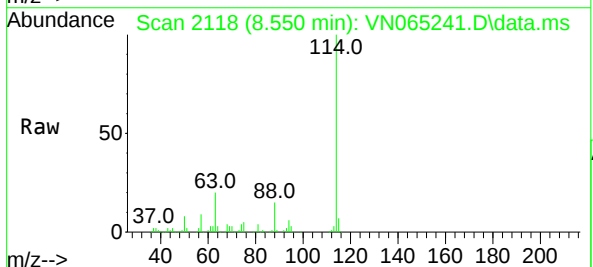
Instrument :
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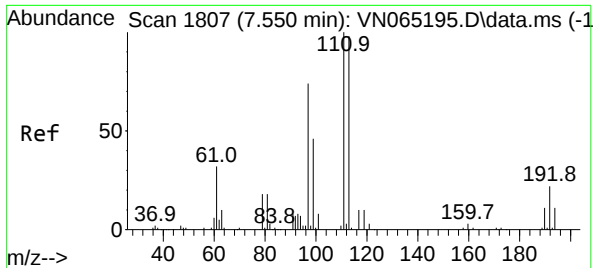
Tgt Ion: 65 Resp: 143728
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

Tgt Ion: 114 Resp: 402919
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.6
88 15.3 0.0 32.6

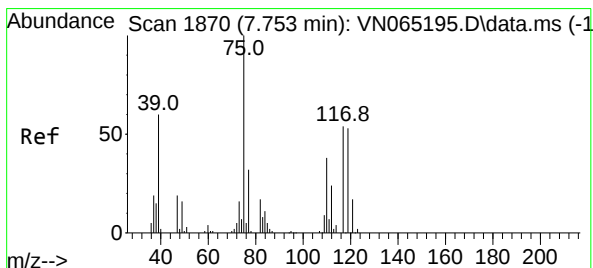
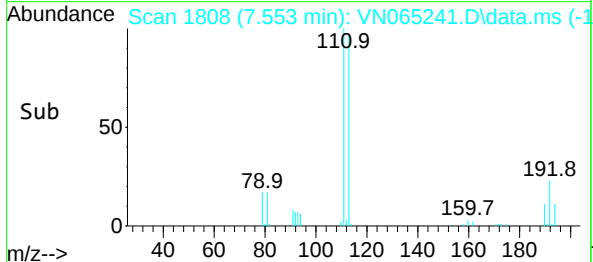
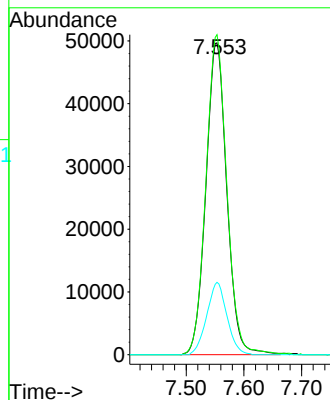
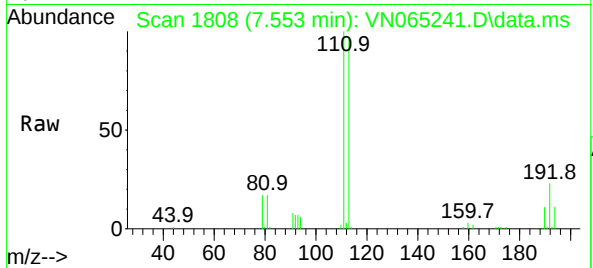




#35
Dibromofluoromethane
Concen: 51.44 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

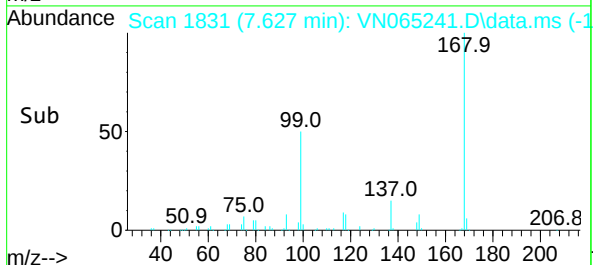
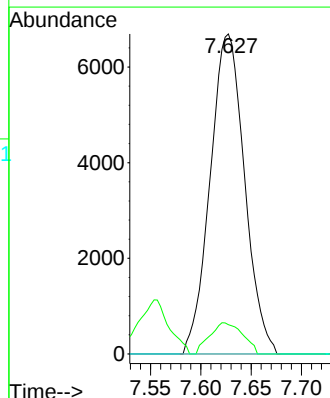
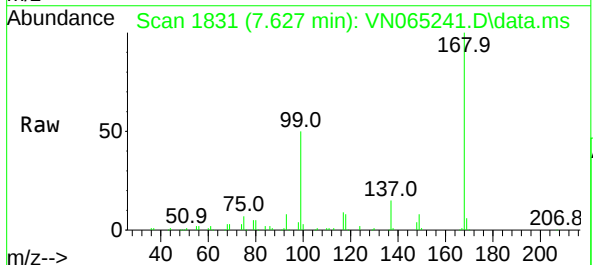
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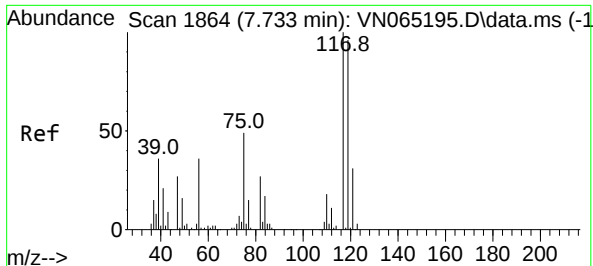
Tgt Ion:113 Resp: 125046
Ion Ratio Lower Upper
113 100
111 102.5 81.6 122.4
192 22.4 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.35 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.126 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

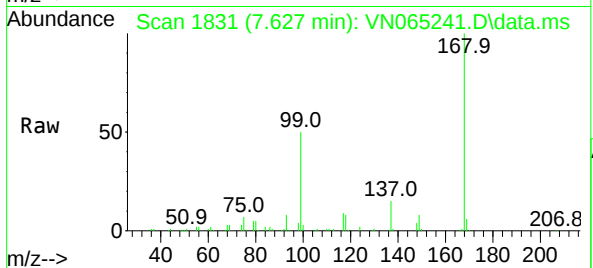
Tgt Ion: 75 Resp: 15946
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.3#
77 0.0 25.0 37.4#



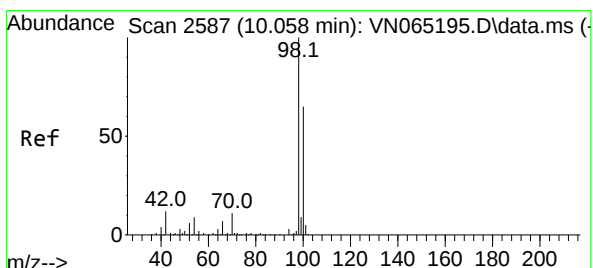
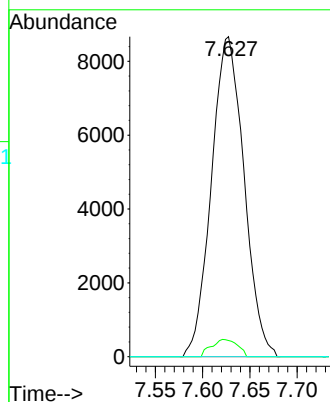
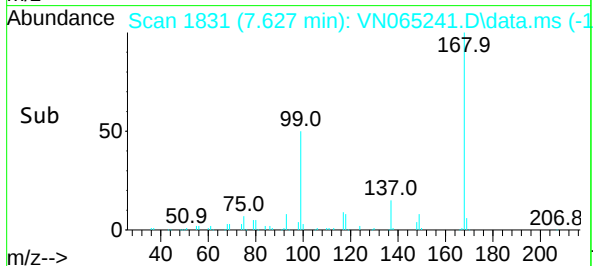


#38
Carbon Tetrachloride
Concen: 5.40 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.106 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

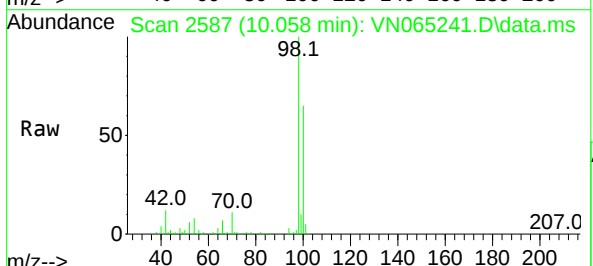
Instrument :
MSVOA_N
ClientSampled :
09-1-3



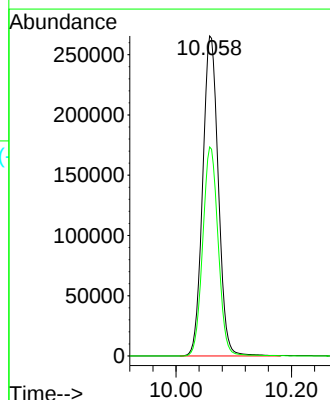
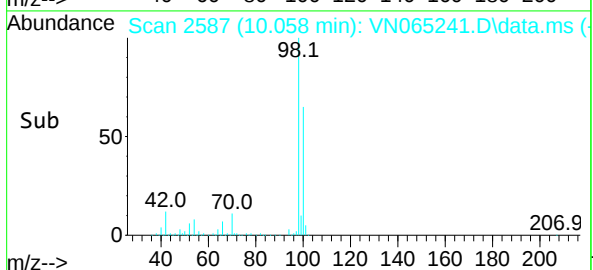
Tgt Ion:117 Resp: 20774
Ion Ratio Lower Upper
117 100
119 5.1 76.7 115.1#
121 0.0 25.4 38.2#

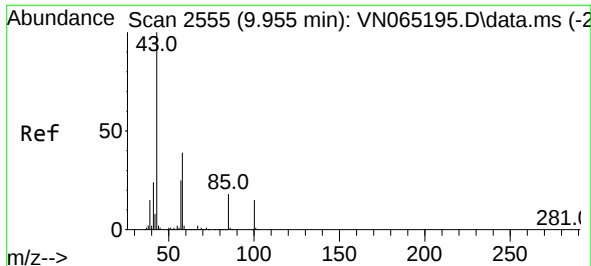


#50
Toluene-d8
Concen: 54.64 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43



Tgt Ion: 98 Resp: 497769
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

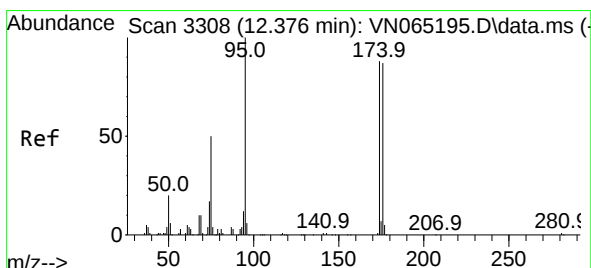
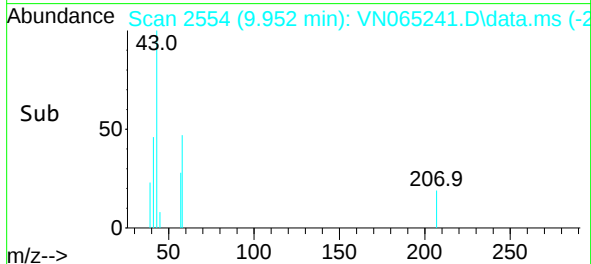
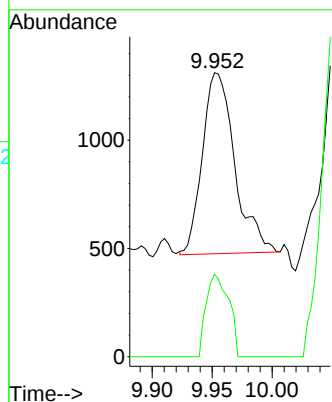
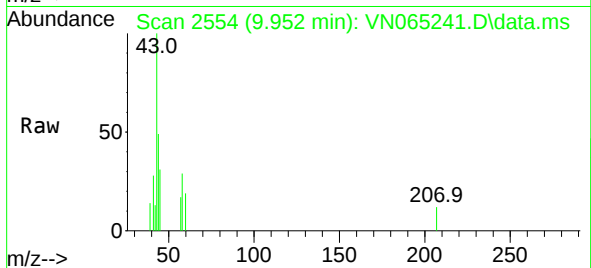




#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.003 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

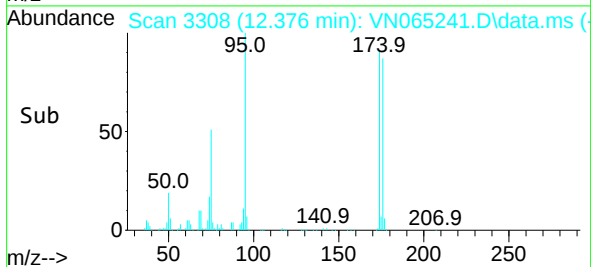
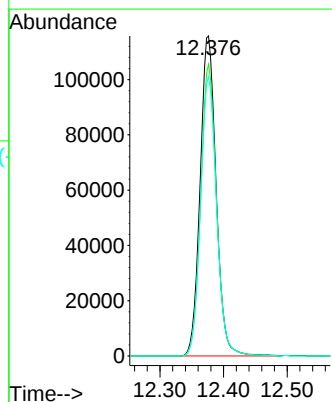
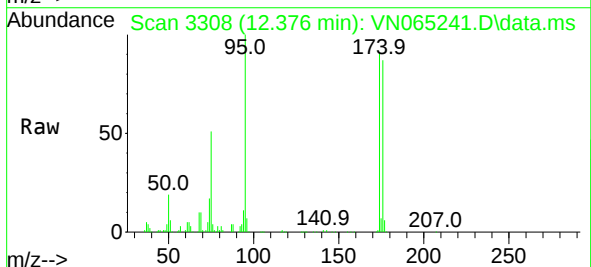
Instrument :
MSVOA_N
ClientSampleId :
09-1-3

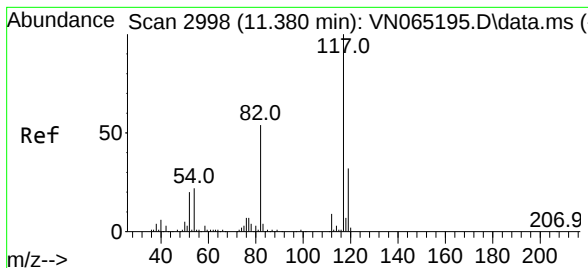
Tgt Ion: 43 Resp: 1572
Ion Ratio Lower Upper
43 100
58 31.6 32.4 48.6#



#62
4-Bromofluorobenzene
Concen: 55.51 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

Tgt Ion: 95 Resp: 202284
Ion Ratio Lower Upper
95 100
174 90.3 0.0 160.4
176 87.2 0.0 158.4

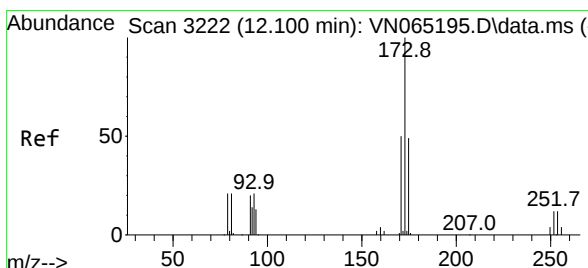
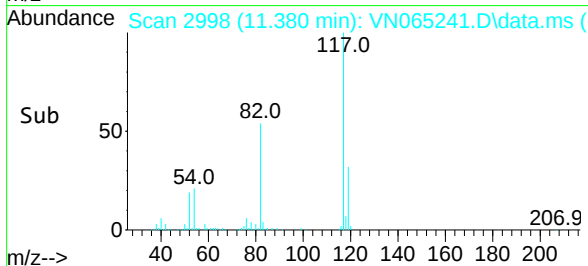
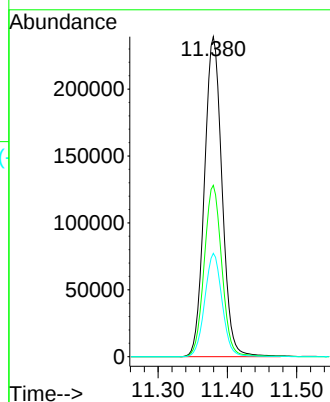
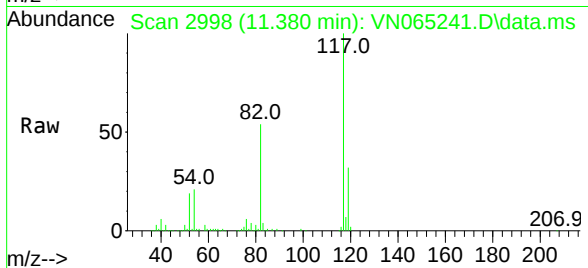




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

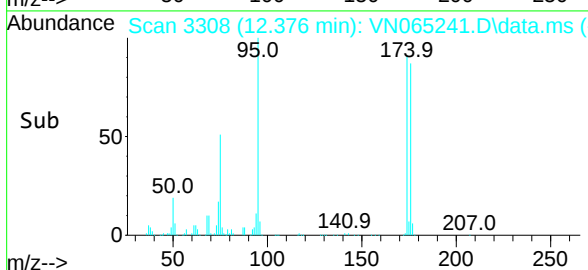
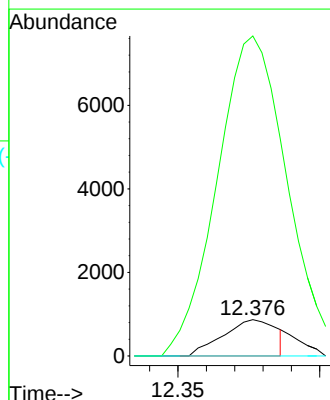
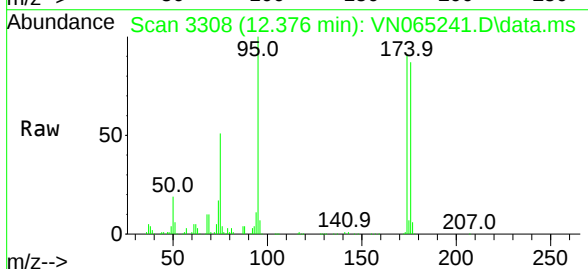
Instrument :
MSVOA_N
ClientSampleId :
09-1-3

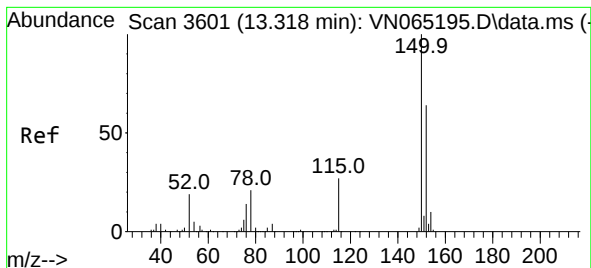
Tgt Ion:117 Resp: 421751
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 32.3 25.8 38.6



#71
Bromoform
Concen: 0.40 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.276 min
Lab File: VN065241.D
Acq: 23 Dec 2020 17:43

Tgt Ion:173 Resp: 1136
Ion Ratio Lower Upper
173 100
175 967.5 24.3 72.8#
254 0.0 0.0 0.0

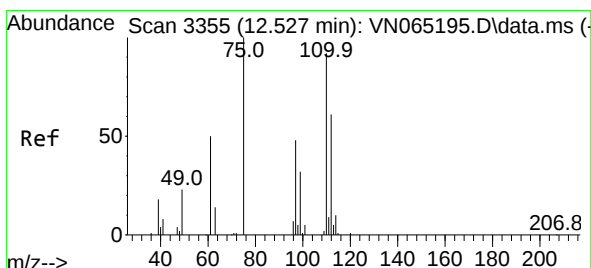
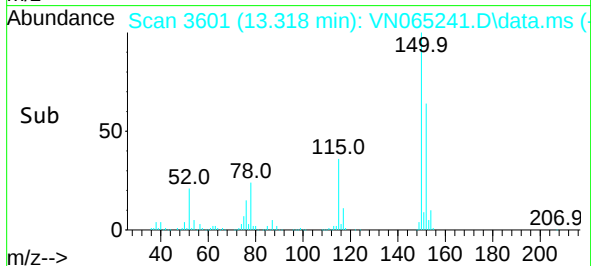
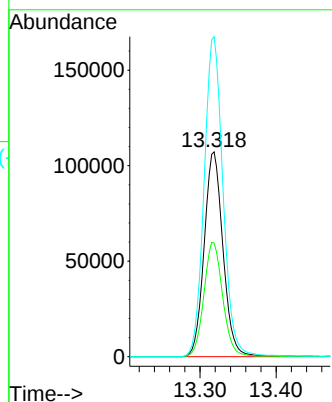
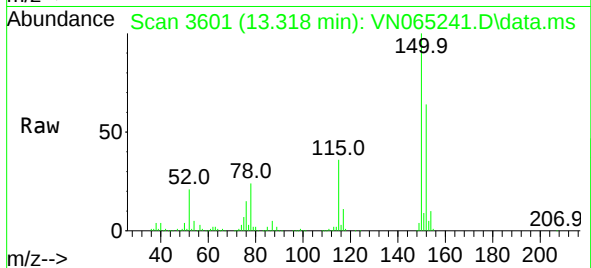




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065241.D
 Acq: 23 Dec 2020 17:43

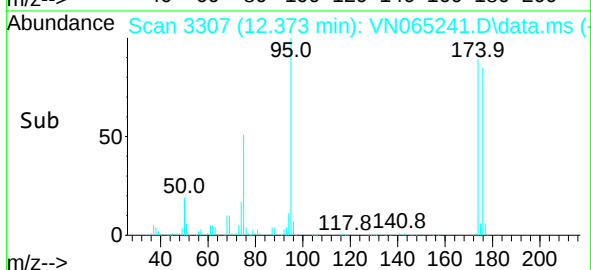
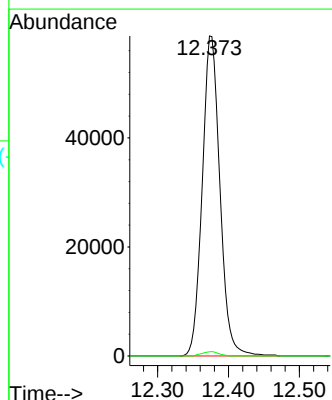
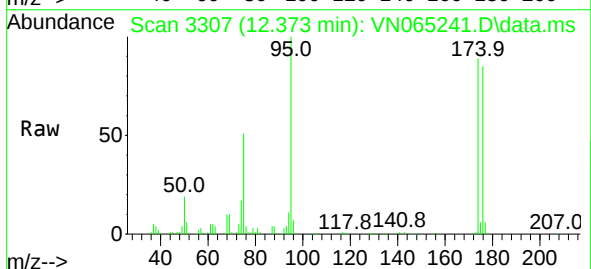
Instrument :
 MSVOA_N
 ClientSampled :
 09-1-3

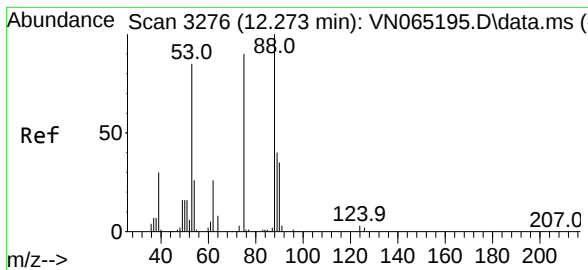
Tgt Ion:152 Resp: 184668
 Ion Ratio Lower Upper
 152 100
 115 55.7 29.7 89.1
 150 156.3 0.0 350.6



#76
 1,2,3-Trichloropropane
 Concen: 27.03 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.154 min
 Lab File: VN065241.D
 Acq: 23 Dec 2020 17:43

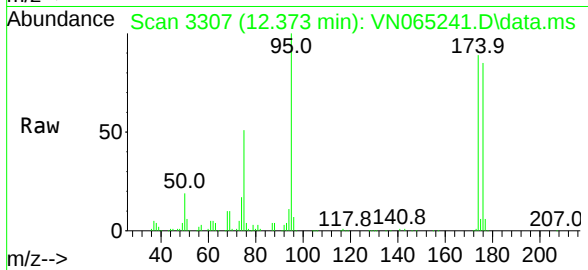
Tgt Ion: 75 Resp: 101820
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.15 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.100 min
 Lab File: VN065241.D
 Acq: 23 Dec 2020 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 09-1-3



Tgt Ion: 75 Resp: 101820
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.0 100.4#
 89 0.0 39.6 59.4#

