

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022421\
 Data File : VN066013.D
 Acq On : 24 Feb 2021 18:51
 Operator : JC/MD
 Sample : M1474-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-618-620

Quant Time: Feb 25 02:16:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 17 15:48:13 2021
 Response via : Initial Calibration

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

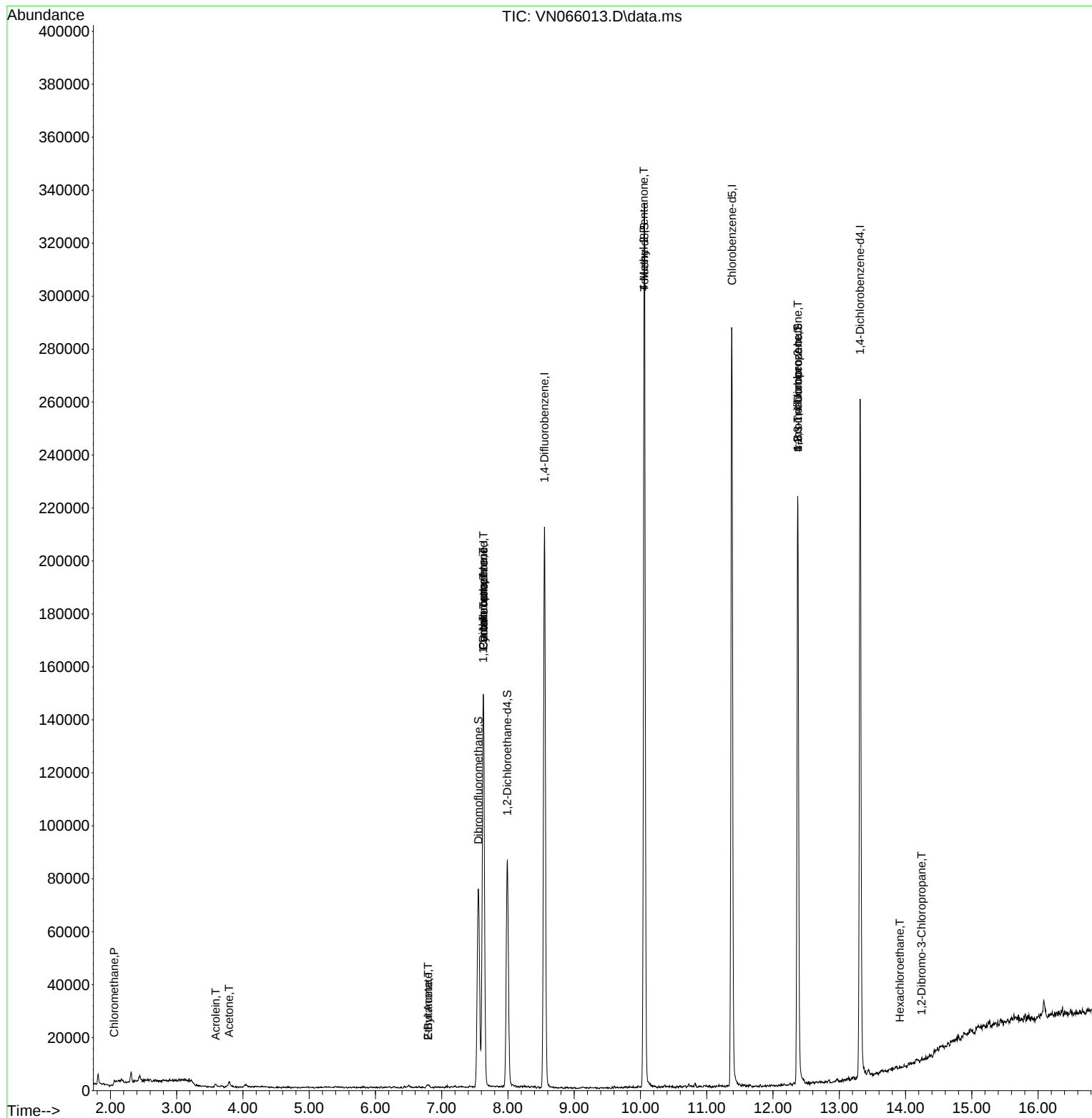
Internal Standards						
1) Pentafluorobenzene	7.627	168	118867	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	192875	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	176909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	73433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	80113	48.20	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.40%
35) Dibromofluoromethane	7.553	113	59580	49.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.82%
50) Toluene-d8	10.058	98	238817	48.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.48%
62) 4-Bromofluorobenzene	12.373	95	86441	46.99	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.98%
Target Compounds						
					Qvalue	
3) Chloromethane	2.055	50	995	0.51	ug/l	94
13) Acrolein	3.589	56	1245	5.89	ug/l #	71
16) Acetone	3.791	43	3665	5.45	ug/l	89
25) 2-Butanone	6.795	43	993	1.21	ug/l #	46
31) Cyclohexane	7.627	56	2249	0.91	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	8966	4.71	ug/l #	48
37) Ethyl Acetate	6.795	43	993	0.58	ug/l #	68
38) Carbon Tetrachloride	7.627	117	12036	6.81	ug/l #	18
51) 4-Methyl-2-Pentanone	10.052	43	1027	0.62	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	44380	25.16	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	44380	80.18	ug/l #	12
90) Hexachloroethane	13.913	117	260	0.31	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.241	75	73	1.05	ug/l #	1

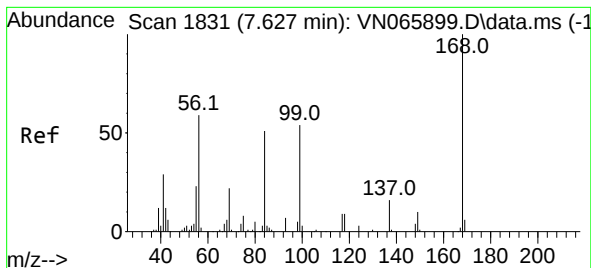
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.627 min Scan# 1831

Delta R.T. 0.000 min

Lab File: VN066013.D

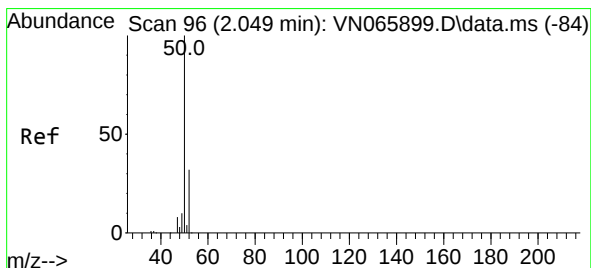
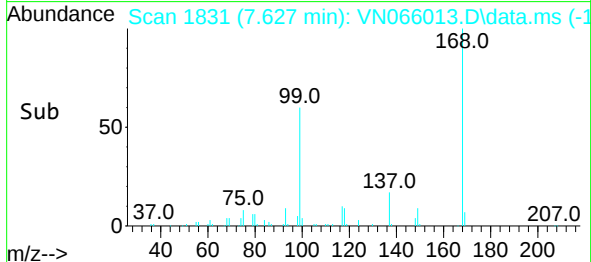
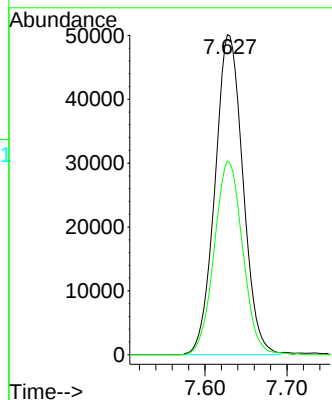
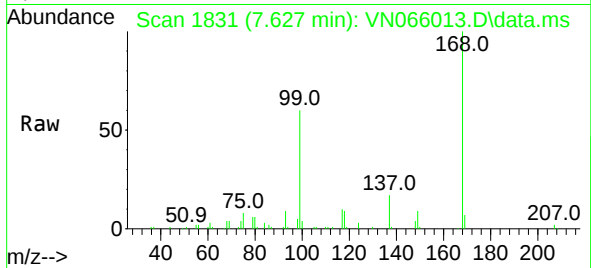
Acq: 24 Feb 2021 18:51

Tgt Ion:168 Resp: 118867

Ion Ratio Lower Upper

168 100

99 60.4 42.6 63.8



#3

Chloromethane

Concen: 0.51 ug/l

RT: 2.055 min Scan# 98

Delta R.T. 0.006 min

Lab File: VN066013.D

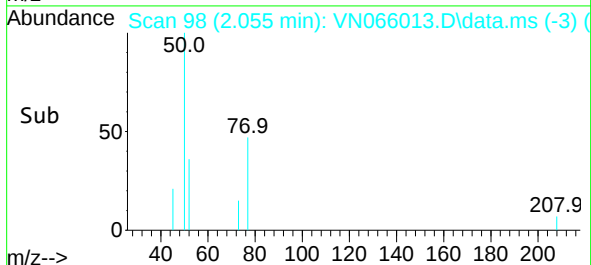
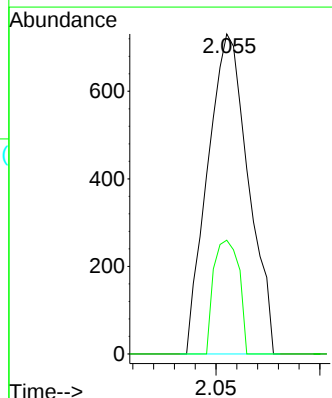
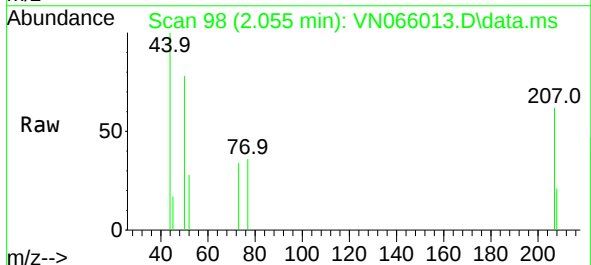
Acq: 24 Feb 2021 18:51

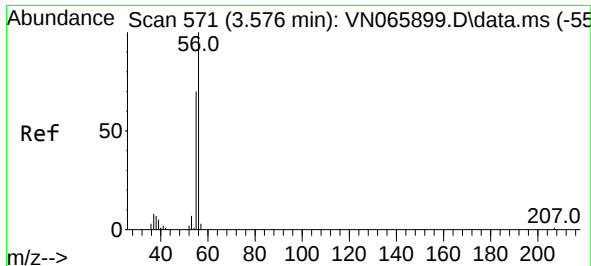
Tgt Ion: 50 Resp: 995

Ion Ratio Lower Upper

50 100

52 35.6 25.8 38.8

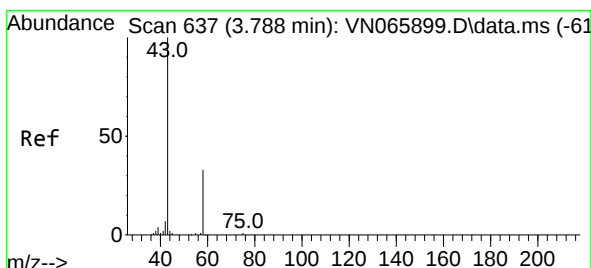
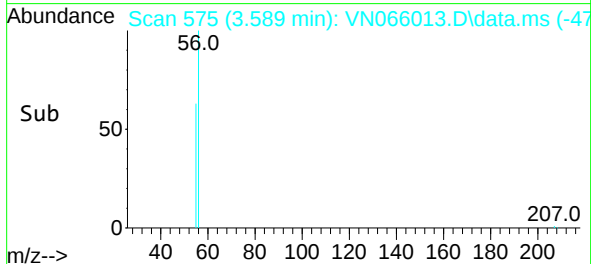
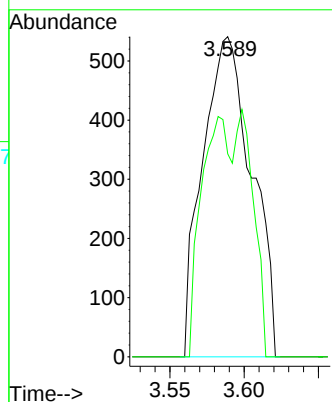
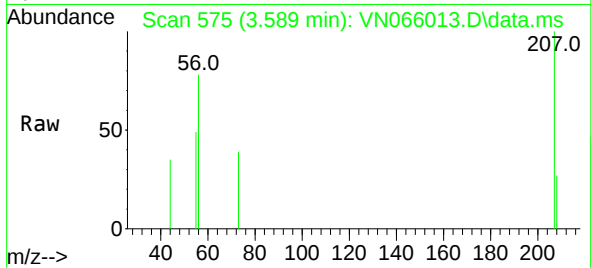




#13
Acrolein
Concen: 5.89 ug/l
RT: 3.589 min Scan# 575
Delta R.T. 0.013 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

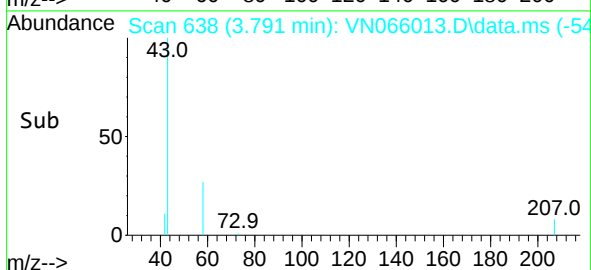
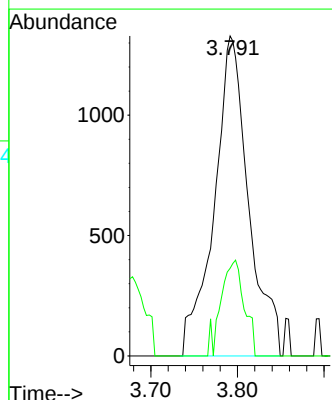
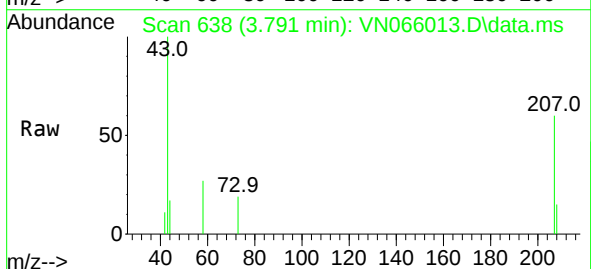
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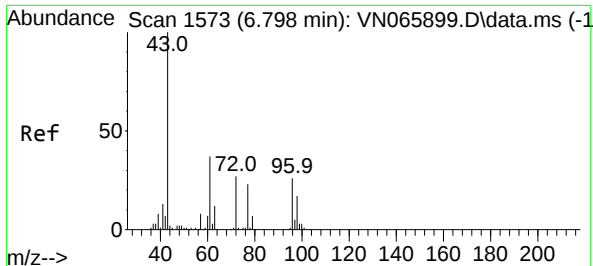
Tgt Ion: 56 Resp: 1245
Ion Ratio Lower Upper
56 100
55 45.9 56.0 84.0#



#16
Acetone
Concen: 5.45 ug/l
RT: 3.791 min Scan# 638
Delta R.T. 0.003 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

Tgt Ion: 43 Resp: 3665
Ion Ratio Lower Upper
43 100
58 27.4 27.0 40.6

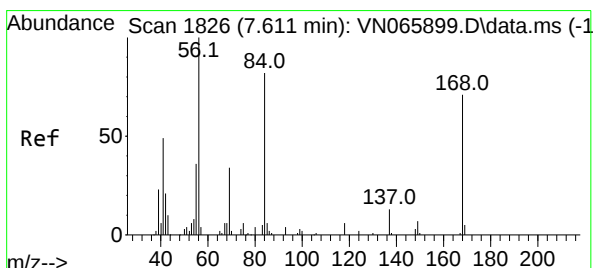
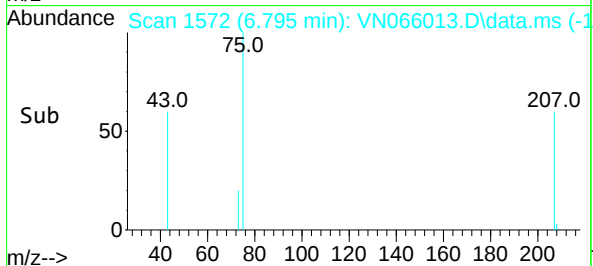
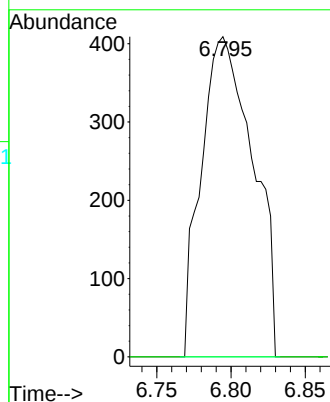
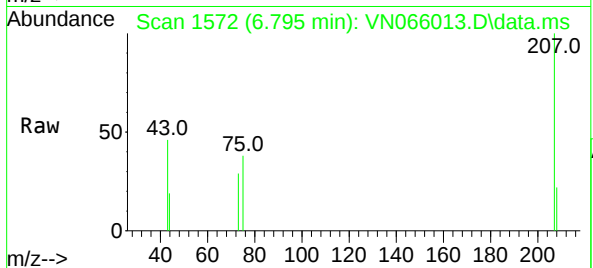




#25
2-Butanone
Concen: 1.21 ug/l
RT: 6.795 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

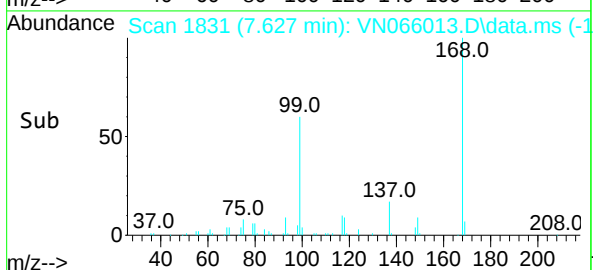
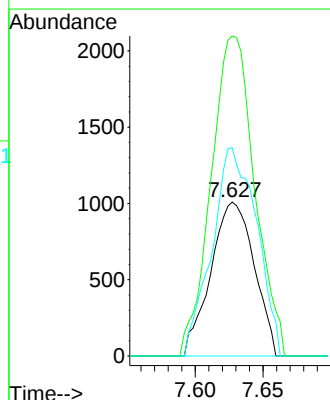
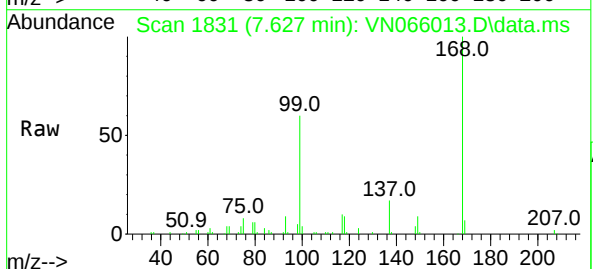
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-618-620

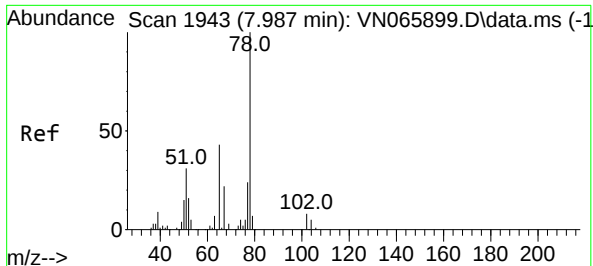
Tgt Ion: 43 Resp: 993
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#31
Cyclohexane
Concen: 0.91 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

Tgt Ion: 56 Resp: 2249
Ion Ratio Lower Upper
56 100
69 207.9 26.6 39.8#
84 135.3 70.4 105.6#

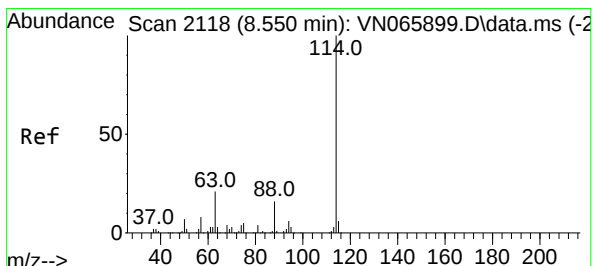
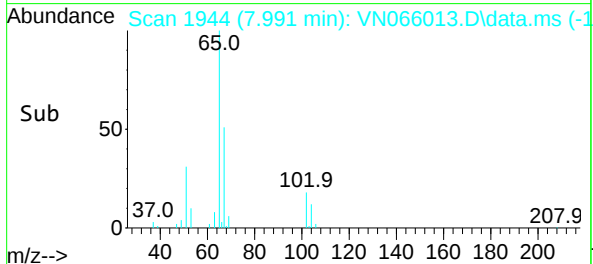
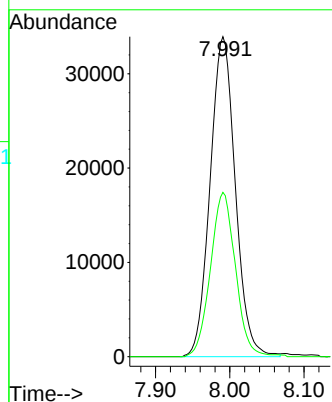
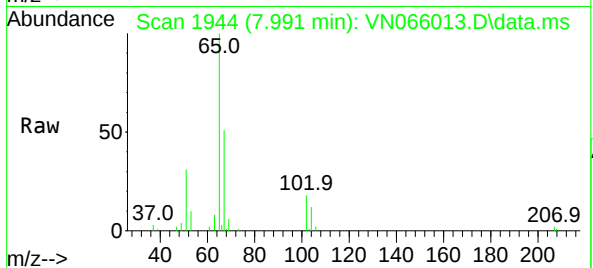




#33
1,2-Dichloroethane-d4
Concen: 48.20 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. 0.004 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

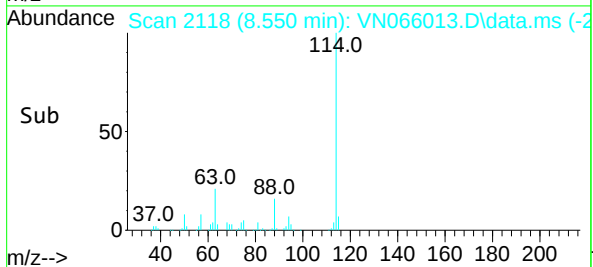
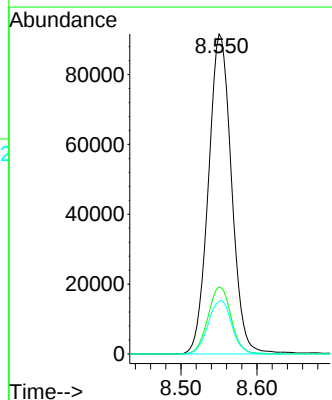
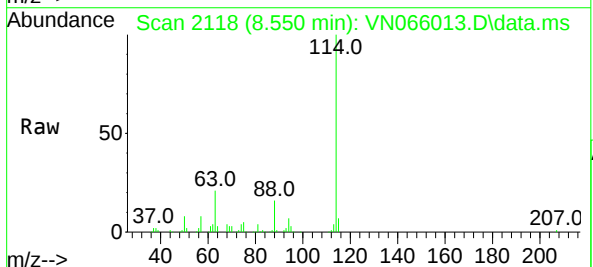
Instrument :
MSVOA_N
ClientSampleId :
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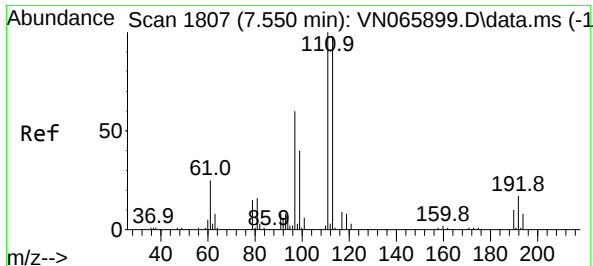
Tgt Ion: 65 Resp: 80113
Ion Ratio Lower Upper
65 100
67 51.0 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

Tgt Ion: 114 Resp: 192875
Ion Ratio Lower Upper
114 100
63 20.9 0.0 38.6
88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.91 ug/l

RT: 7.553 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VN066013.D

Acq: 24 Feb 2021 18:51

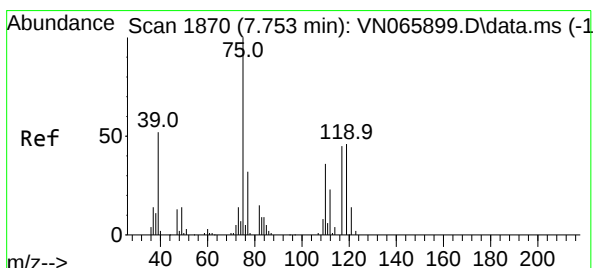
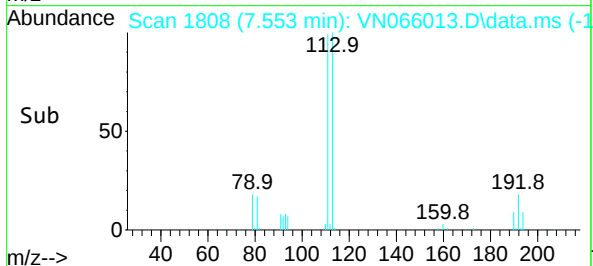
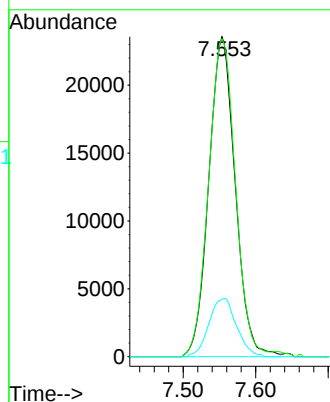
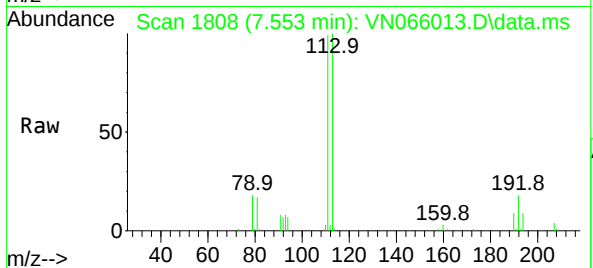
Tgt Ion:	113	Resp:	59580
Ion Ratio	Lower	Upper	
113	100		
111	101.2	82.2	123.2
192	19.1	15.4	23.0

Instrument :

MSVOA_N

ClientSampleId :

BP-TT-VPB-RW6-GW-618-620



#36

1,1-Dichloropropene

Concen: 4.71 ug/l

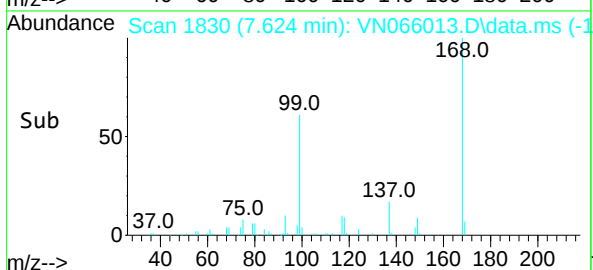
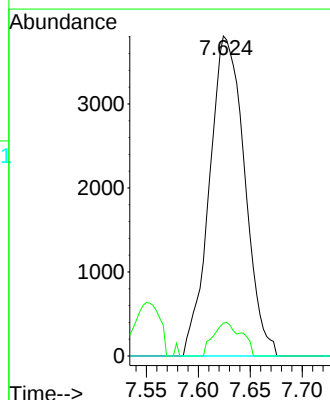
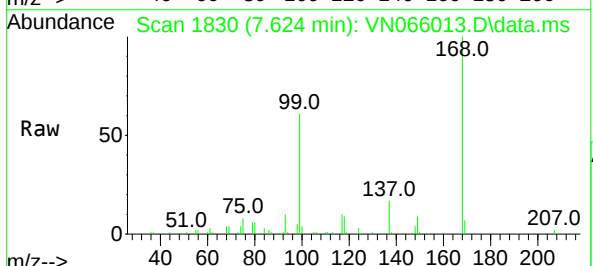
RT: 7.624 min Scan# 1830

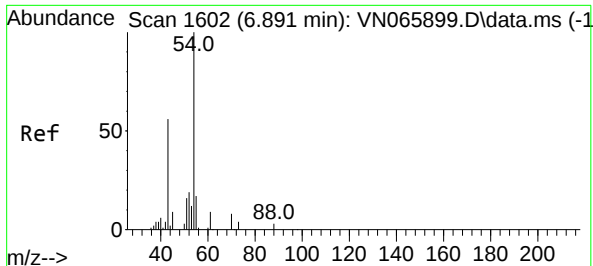
Delta R.T. -0.129 min

Lab File: VN066013.D

Acq: 24 Feb 2021 18:51

Tgt Ion:	75	Resp:	8966
Ion Ratio	Lower	Upper	
75	100		
110	8.4	18.2	54.6#
77	0.0	24.9	37.3#





#37

Ethyl Acetate

Concen: 0.58 ug/l

RT: 6.795 min Scan# 1572

Delta R.T. -0.096 min

Lab File: VN066013.D

Acq: 24 Feb 2021 18:51

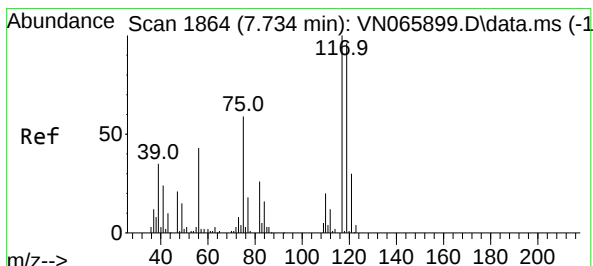
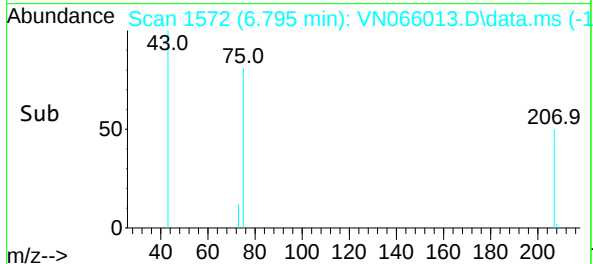
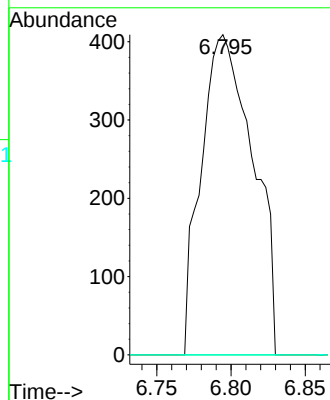
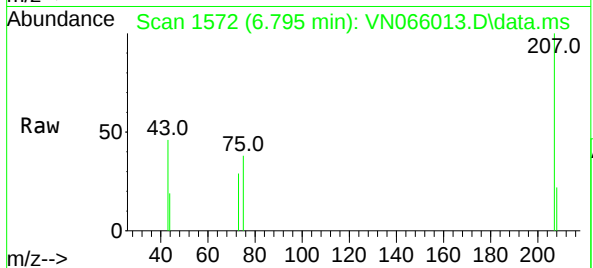
Instrument :

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ClientSampleId :

BP-TT-VPB-RW6-GW-618-620

Tgt Ion:	43	Resp:	993
Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.6	17.4#
70	0.0	8.6	13.0#



#38

Carbon Tetrachloride

Concen: 6.81 ug/l

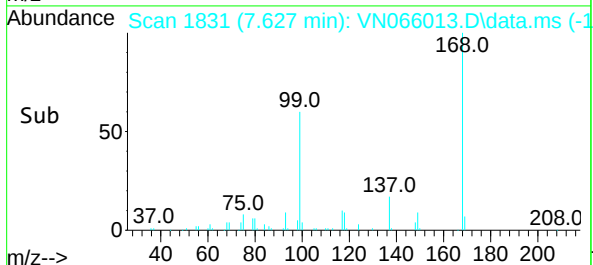
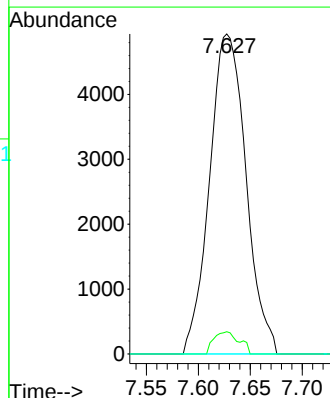
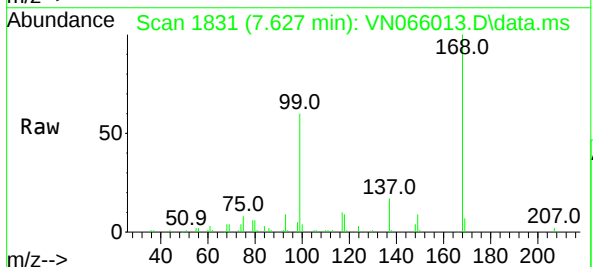
RT: 7.627 min Scan# 1831

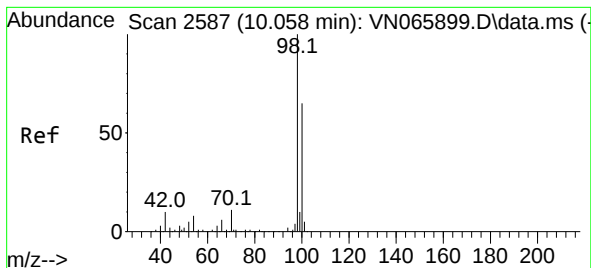
Delta R.T. -0.107 min

Lab File: VN066013.D

Acq: 24 Feb 2021 18:51

Tgt Ion:	117	Resp:	12036
Ion	Ratio	Lower	Upper
117	100		
119	6.9	76.0	114.0#
121	0.0	24.5	36.7#

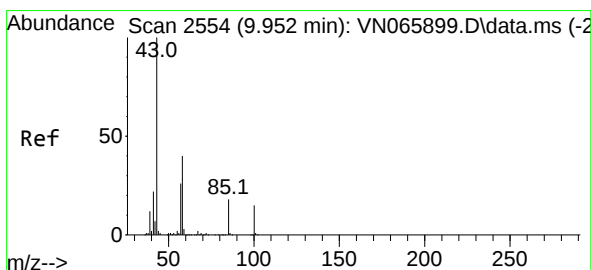
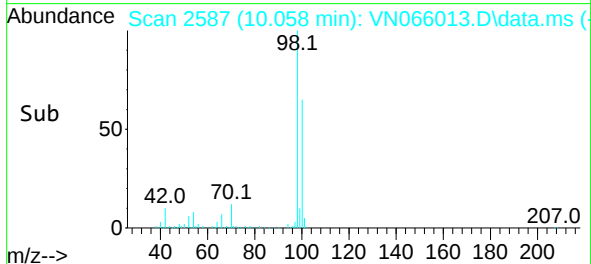
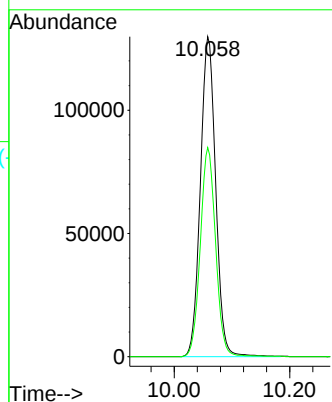
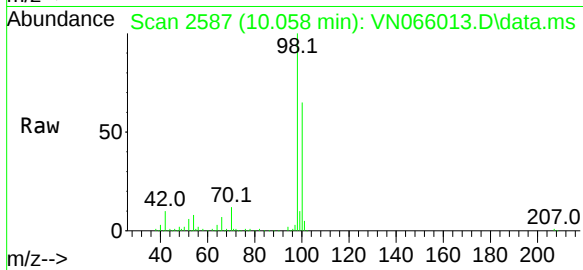




#50
Toluene-d8
Concen: 48.74 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

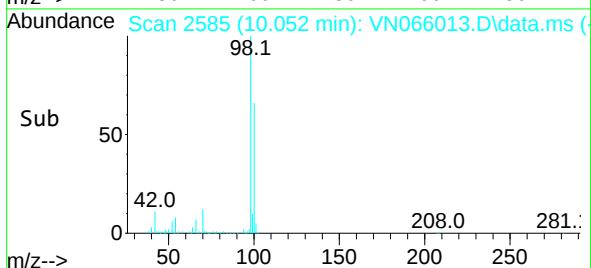
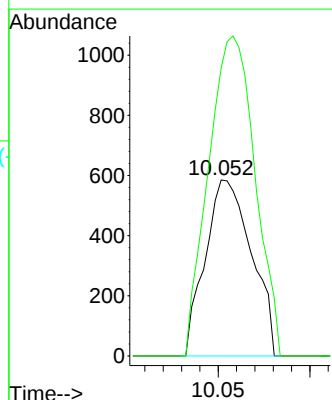
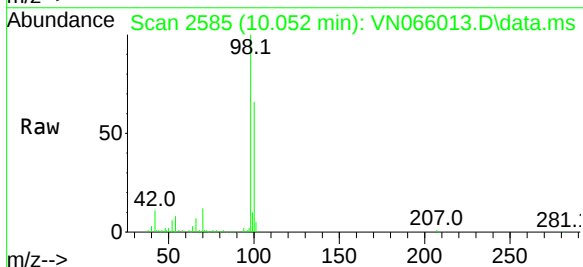
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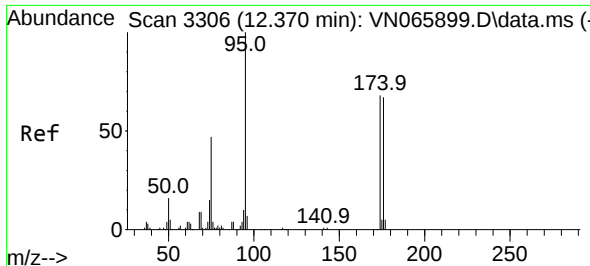
Tgt Ion: 98 Resp: 238817
Ion Ratio Lower Upper
98 100
100 65.2 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.62 ug/l
RT: 10.052 min Scan# 2585
Delta R.T. 0.100 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

Tgt Ion: 43 Resp: 1027
Ion Ratio Lower Upper
43 100
58 183.0 32.5 48.7#

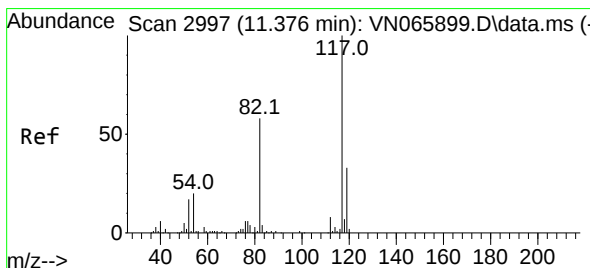
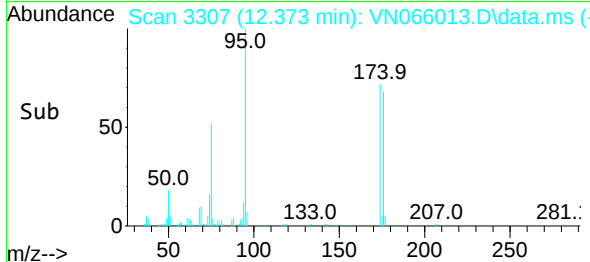
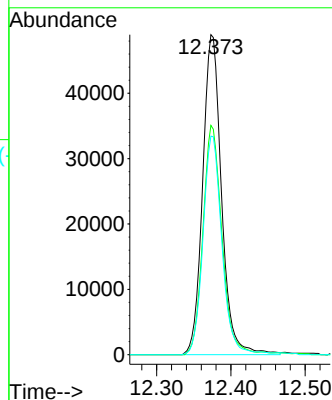
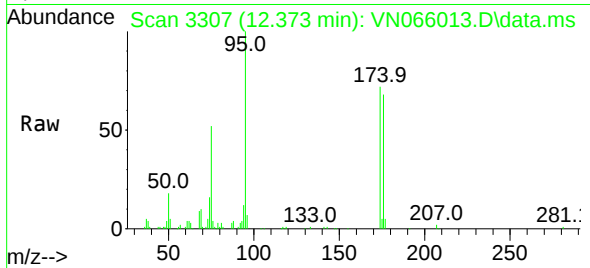




#62
4-Bromofluorobenzene
Concen: 46.99 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.003 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

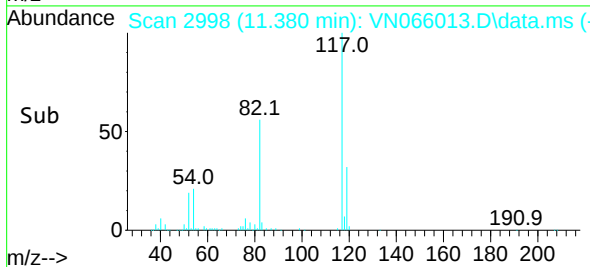
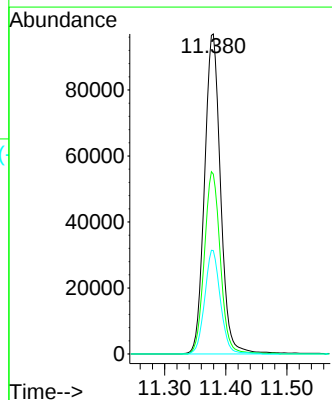
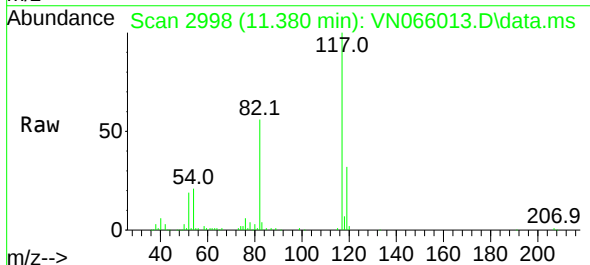
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-618-620

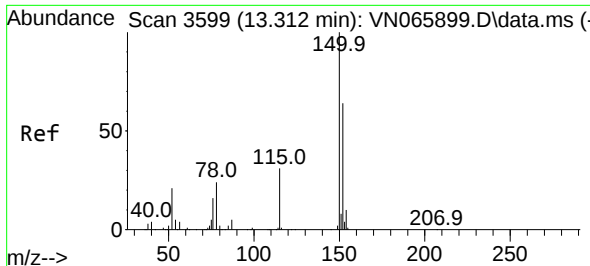
Tgt Ion: 95 Resp: 86441
Ion Ratio Lower Upper
95 100
174 71.9 0.0 169.0
176 67.9 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. 0.004 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

Tgt Ion: 117 Resp: 176909
Ion Ratio Lower Upper
117 100
82 56.2 43.7 65.5
119 32.3 26.1 39.1

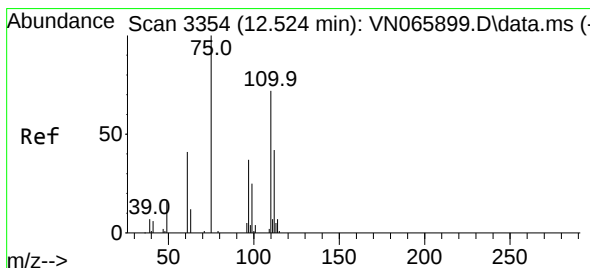
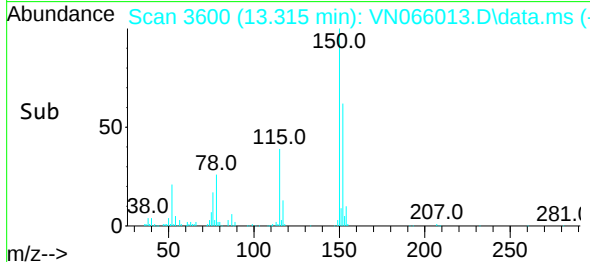
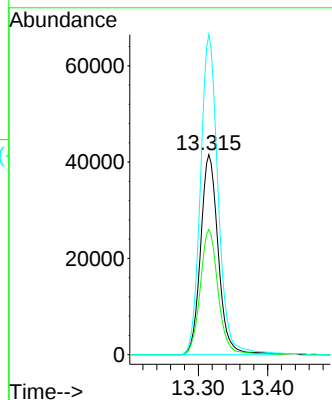
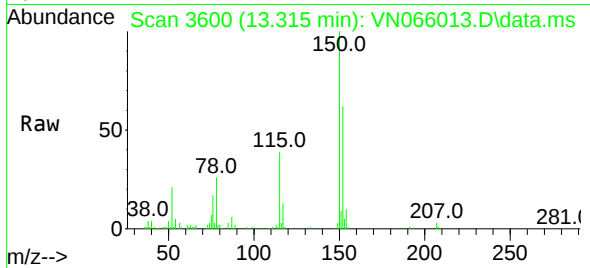




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

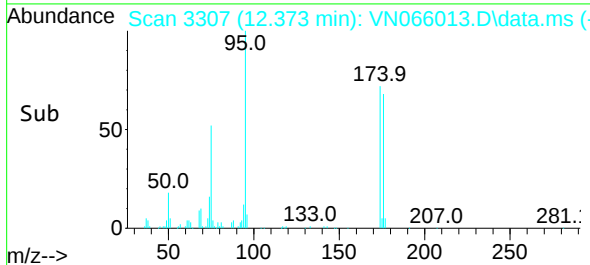
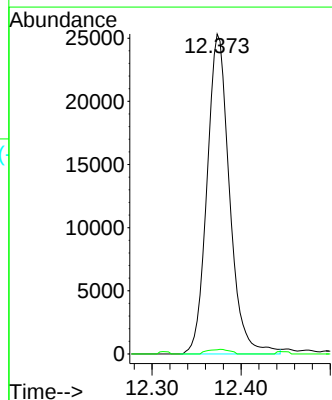
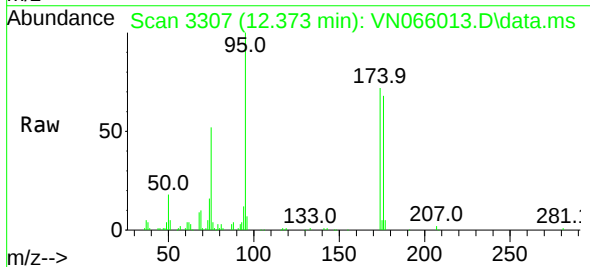
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-618-620

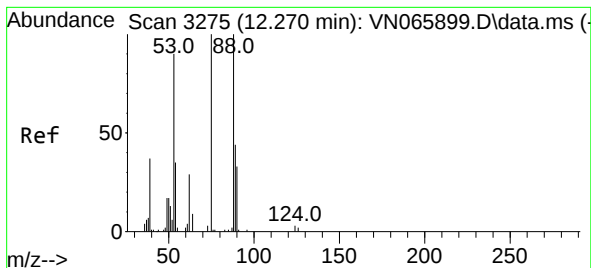
Tgt Ion:152 Resp: 73433
Ion Ratio Lower Upper
152 100
115 63.2 28.5 85.6
150 160.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 25.16 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

Tgt Ion: 75 Resp: 44380
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

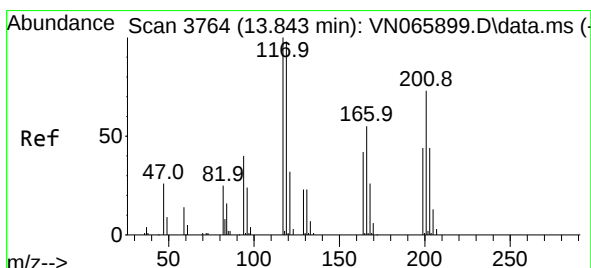
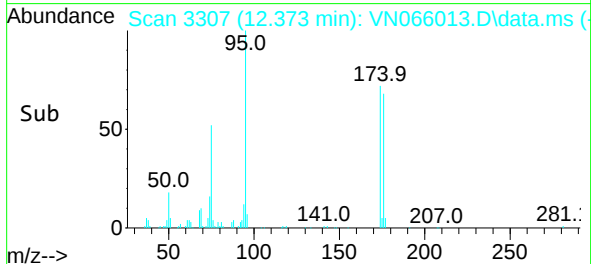
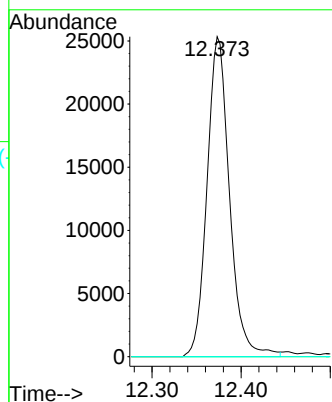
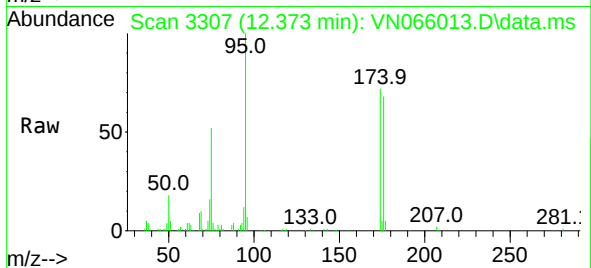




#81
trans-1,4-Dichloro-2-butene
Concen: 80.18 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

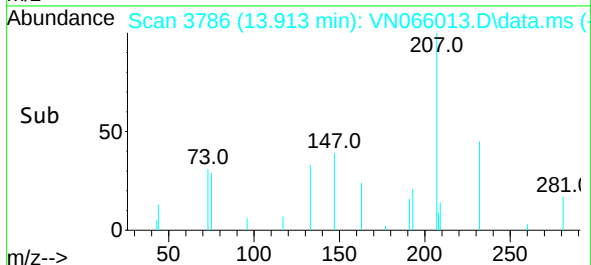
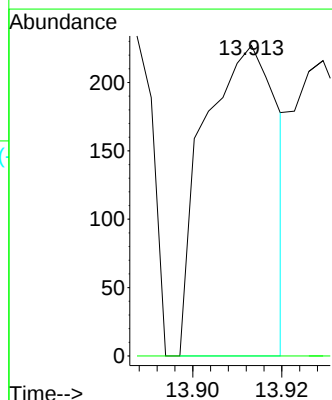
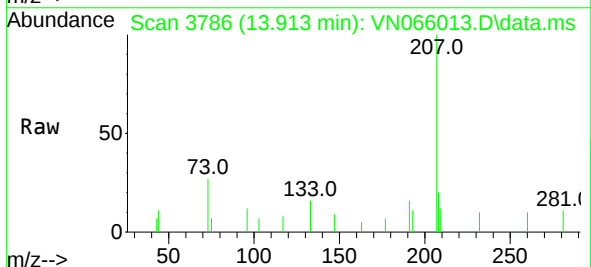
Instrument :
MSVOA_N
ClientSampleId :
BP-TT-VPB-RW6-GW-618-620

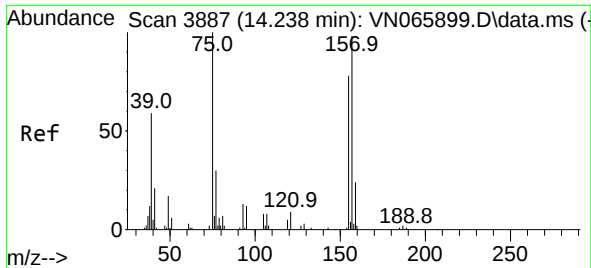
Tgt Ion: 75 Resp: 44380
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#90
Hexachloroethane
Concen: 0.31 ug/l
RT: 13.913 min Scan# 3786
Delta R.T. 0.070 min
Lab File: VN066013.D
Acq: 24 Feb 2021 18:51

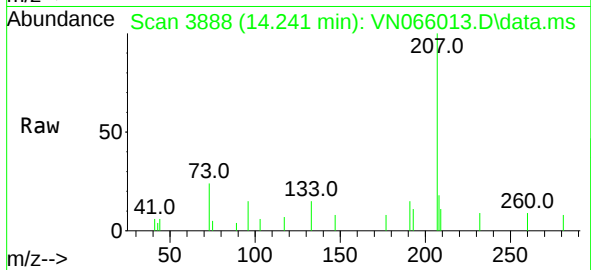
Tgt Ion: 117 Resp: 260
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#





#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.05 ug/l
 RT: 14.241 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VN066013.D
 Acq: 24 Feb 2021 18:51

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-TT-VPB-RW6-GW-618-620



Tgt Ion: 75 Resp: 73
 Ion Ratio Lower Upper
 75 100
 155 0.0 44.1 132.4#
 157 0.0 56.0 168.2#

