

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067289.D
 Acq On : 11 Jun 2021 15:30
 Operator : JC/MD
 Sample : M2674-05 10X
 Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TMR-DS-05-060921

Quant Time: Jun 12 04:27:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

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

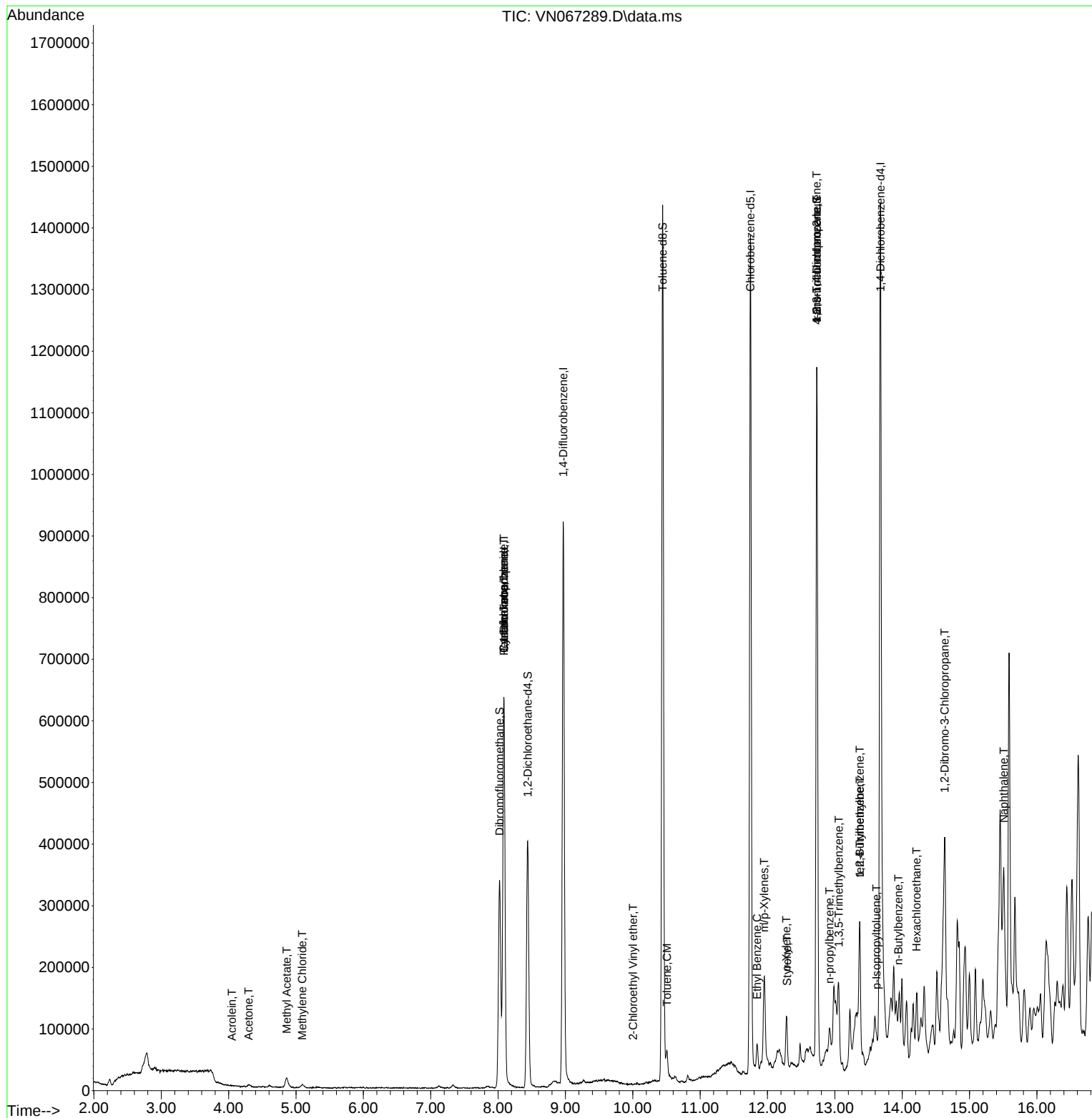
Internal Standards						
1) Pentafluorobenzene	8.088	168	429267	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	754326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	735771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	326125	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	361790	44.590	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.180%		
35) Dibromofluoromethane	8.021	113	239397	49.804	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.600%		
50) Toluene-d8	10.443	98	961618	50.906	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.820%		
62) 4-Bromofluorobenzene	12.733	95	406015	51.650	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.300%		
Target Compounds					Qvalue	
13) Acrolein	4.047	56	184	0.332	ug/l	# 1
16) Acetone	4.296	43	4718	1.440	ug/l	99
18) Methyl Acetate	4.862	43	30714	3.368	ug/l	# 88
20) Methylene Chloride	5.092	84	4103	0.698	ug/l	# 85
31) Cyclohexane	8.086	56	13676	1.370	ug/l	# 37
36) 1,1-Dichloropropene	8.086	75	43401	5.432	ug/l	# 48
38) Carbon Tetrachloride	8.086	117	51775	6.215	ug/l	# 15
52) Toluene	10.507	92	14573	1.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.006	63	148	28.138	ug/l	# 45
67) Ethyl Benzene	11.846	91	30272	0.987	ug/l	91
68) m/p-Xylenes	11.950	106	35977	3.257	ug/l	87
69) o-Xylene	12.280	106	19971	1.843	ug/l	80
70) Styrene	12.291	104	4309	0.238	ug/l	# 19
76) 1,2,3-Trichloropropane	12.731	75	230985	26.662	ug/l	# 100
78) n-propylbenzene	12.921	91	26542	0.740	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	34727	1.323	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.731	75	230985	68.203	ug/l	# 16
83) tert-Butylbenzene	13.369	119	11216	0.520	ug/l	# 29
84) 1,2,4-Trimethylbenzene	13.369	105	102560	3.990	ug/l	90
86) p-Isopropyltoluene	13.618	119	20203	0.793	ug/l	95
89) n-Butylbenzene	13.943	91	28473	1.214	ug/l	# 80
90) Hexachloroethane	14.211	117	5666	1.225	ug/l	# 4
92) 1,2-Dibromo-3-Chloropr...	14.630	75	11488	5.209	ug/l	# 3
95) Naphthalene	15.507	128	194603	14.526	ug/l	99

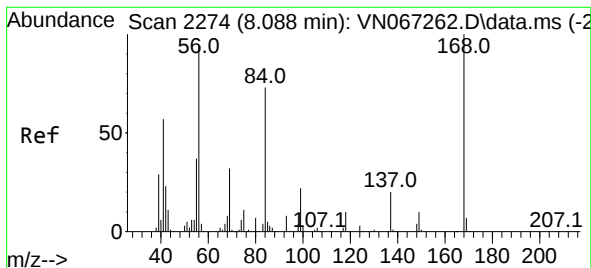
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.05g/5mL/100uL/5.00mL/MSVOA_N/MEOH
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MSVOA_N
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TMR-DS-05-060921

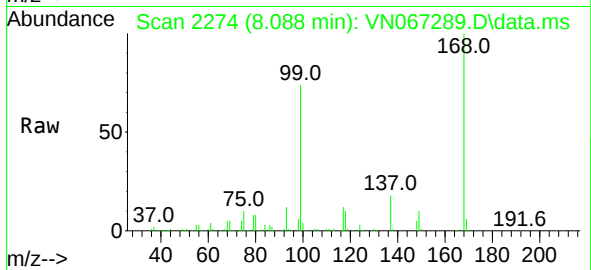
Quant Time: Jun 12 04:27:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 05:27:41 2021
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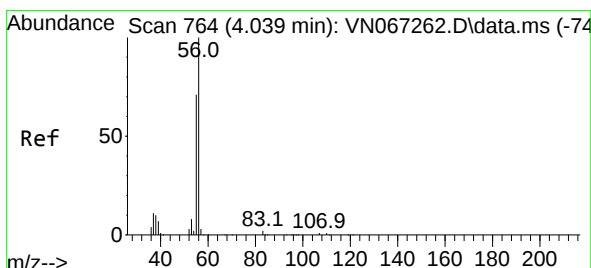
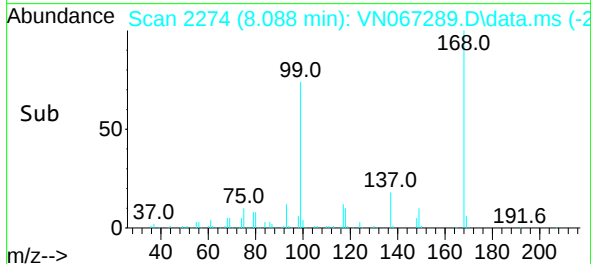
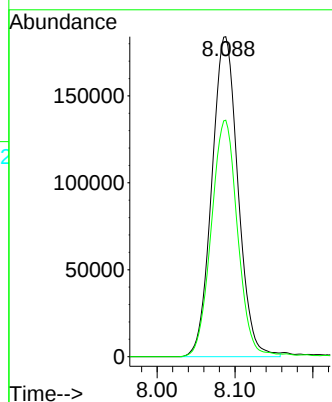


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

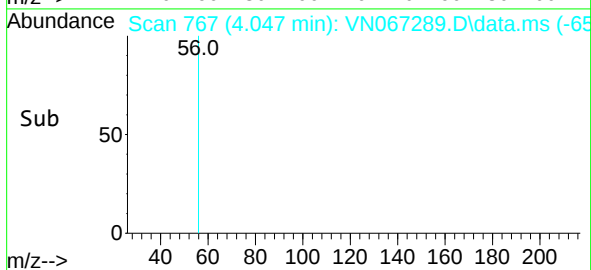
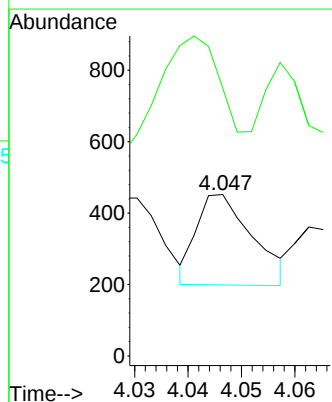
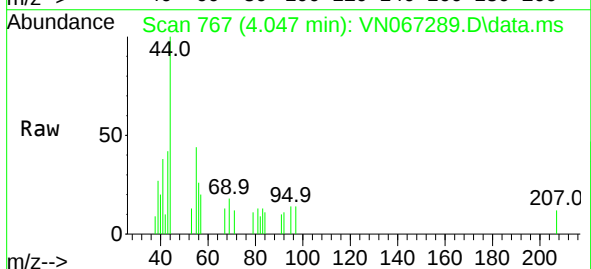


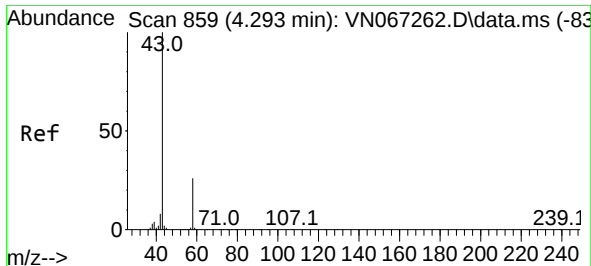
Tgt Ion:168 Resp: 429267
Ion Ratio Lower Upper
168 100
99 73.9 38.5 57.7#



#13
Acrolein
Concen: 0.332 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.008 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion: 56 Resp: 184
Ion Ratio Lower Upper
56 100
55 176.1 53.8 80.6#

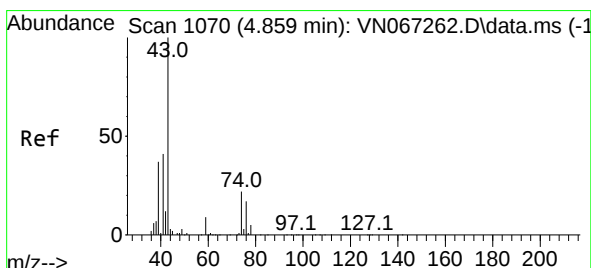
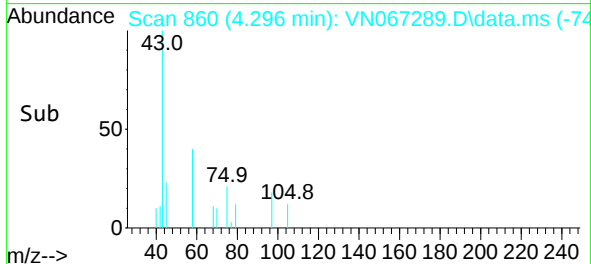
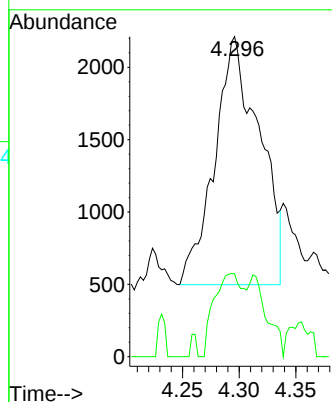
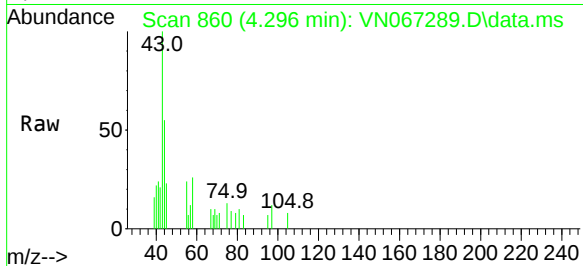




#16
Acetone
Concen: 1.440 ug/l
RT: 4.296 min Scan# 860
Delta R.T. 0.003 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

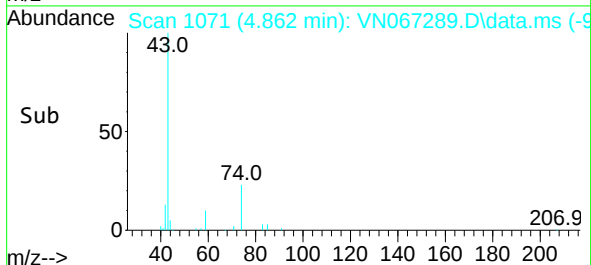
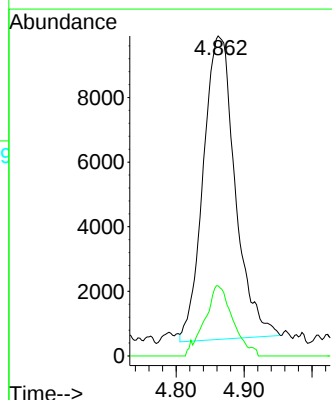
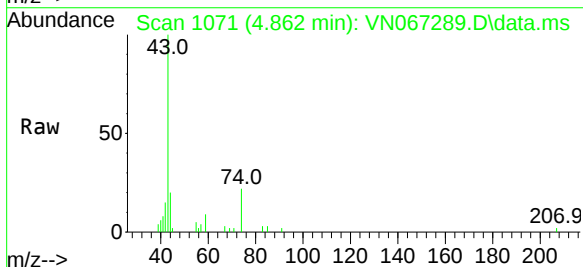
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

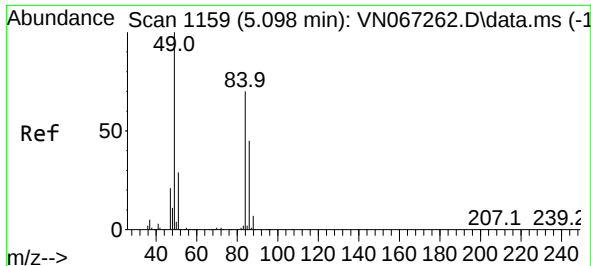
Tgt Ion: 43 Resp: 4718
Ion Ratio Lower Upper
43 100
58 33.4 27.2 40.8



#18
Methyl Acetate
Concen: 3.368 ug/l
RT: 4.862 min Scan# 1071
Delta R.T. 0.003 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion: 43 Resp: 30714
Ion Ratio Lower Upper
43 100
74 20.4 21.4 32.2#

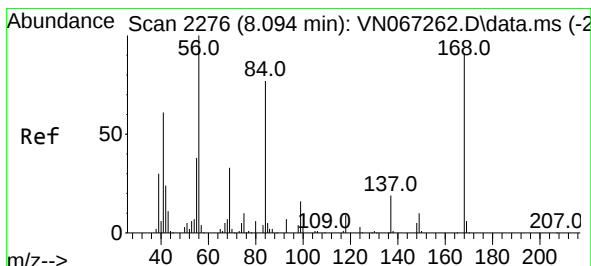
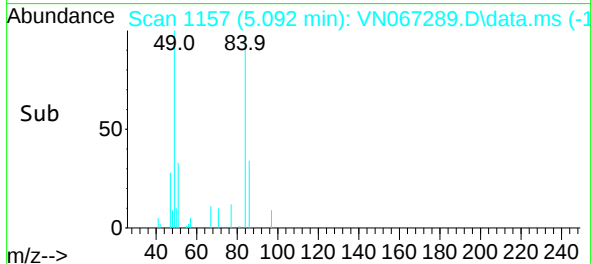
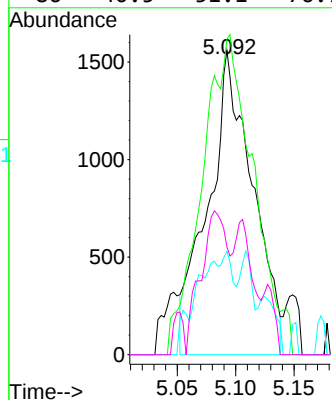
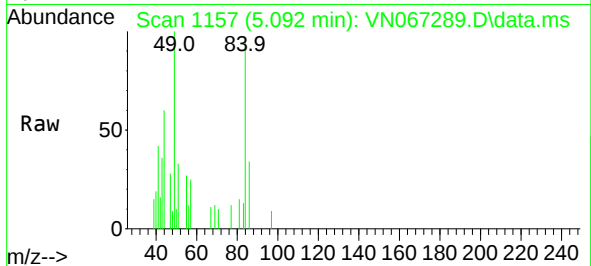




#20
Methylene Chloride
Concen: 0.698 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. -0.005 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

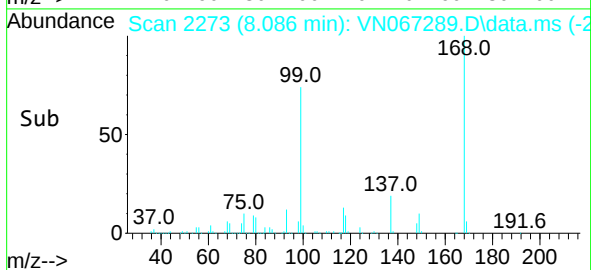
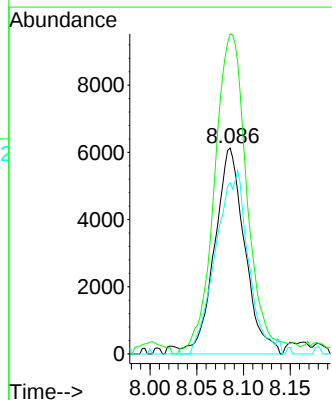
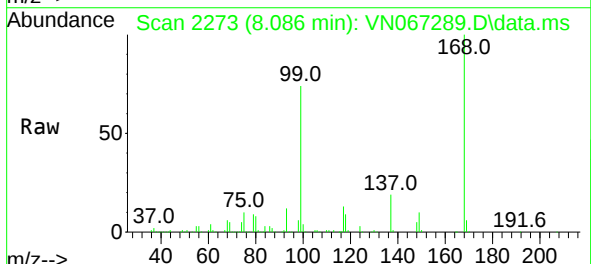
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

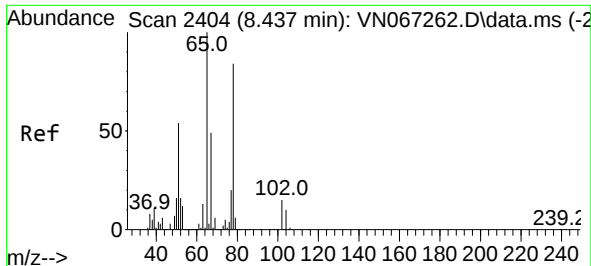
Tgt Ion:	84	Resp:	4103
Ion	Ratio	Lower	Upper
84	100		
49	102.2	88.3	132.5
51	27.0	26.7	40.1
86	40.5	51.1	76.7#



#31
Cyclohexane
Concen: 1.370 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion:	56	Resp:	13676
Ion	Ratio	Lower	Upper
56	100		
69	152.7	28.0	42.0#
84	83.2	74.2	111.2



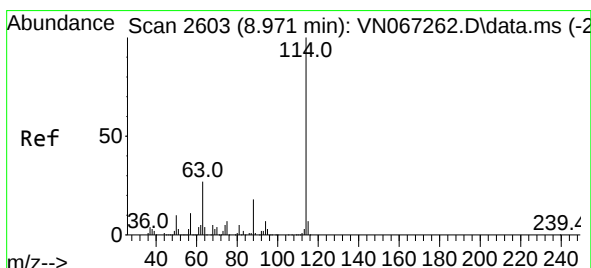
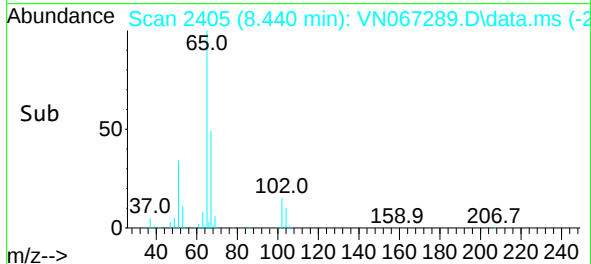
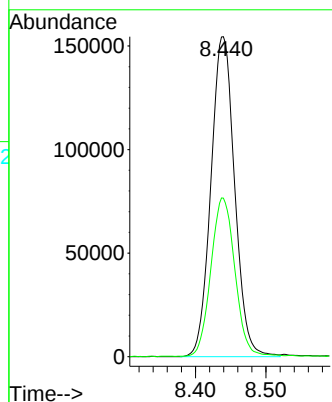
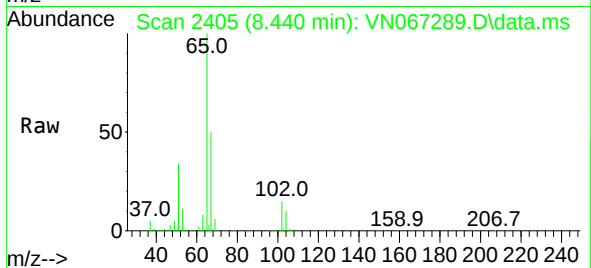


#33

1,2-Dichloroethane-d4
Concen: 44.590 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

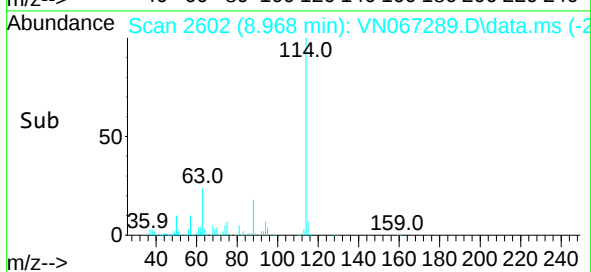
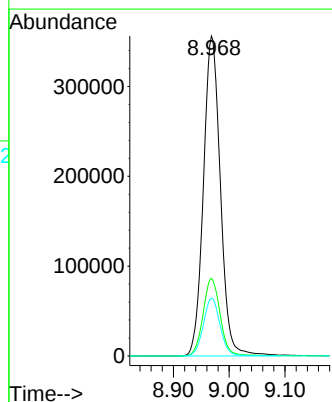
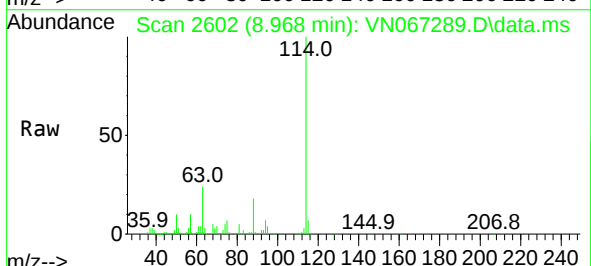
Tgt Ion: 65 Resp: 361790
Ion Ratio Lower Upper
65 100
67 49.8 0.0 110.4

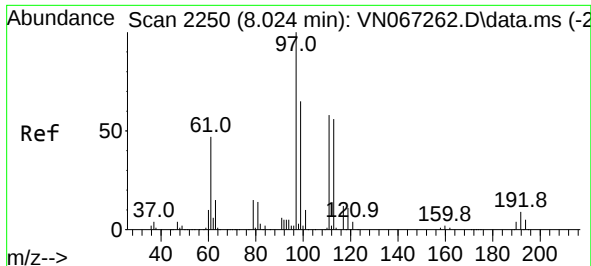


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion: 114 Resp: 754326
Ion Ratio Lower Upper
114 100
63 24.3 0.0 35.8
88 18.0 0.0 30.4

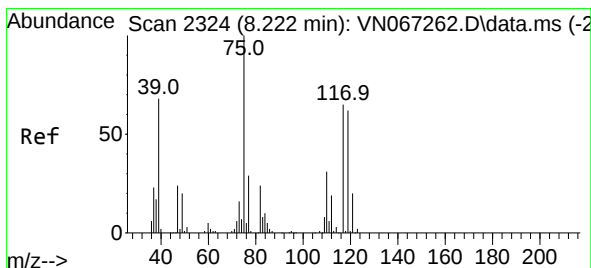
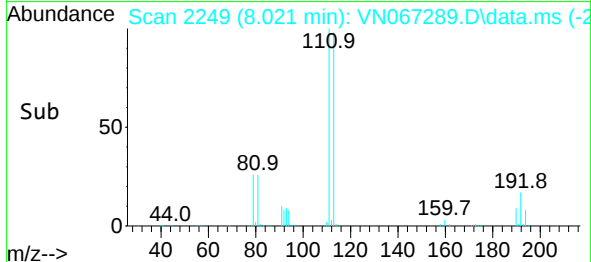
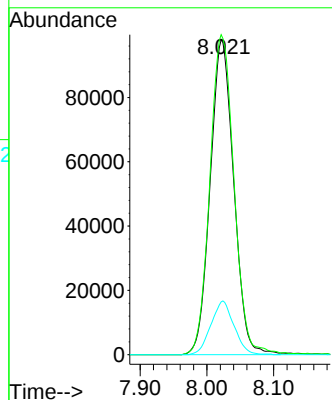
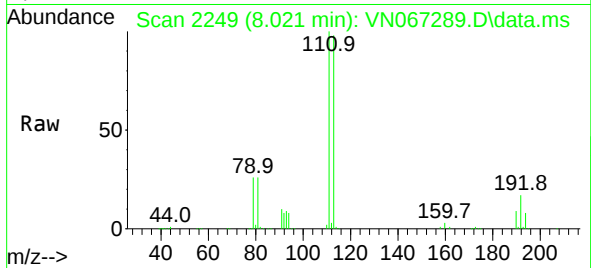




#35
Dibromofluoromethane
Concen: 49.804 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

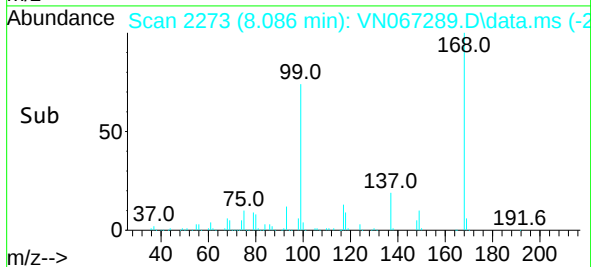
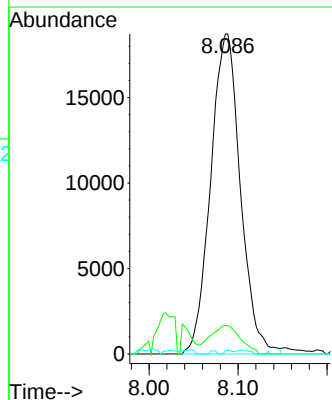
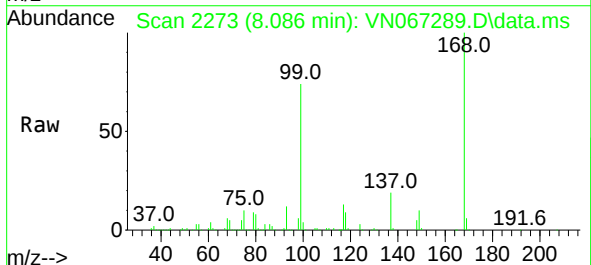
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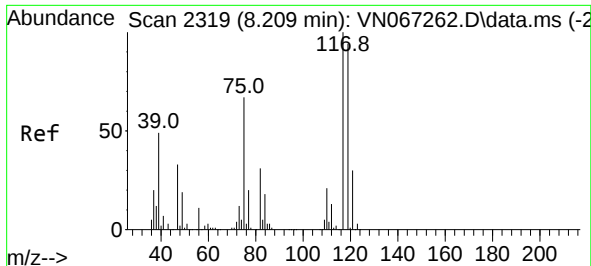
Tgt Ion:113 Resp: 239397
Ion Ratio Lower Upper
113 100
111 104.1 82.6 124.0
192 16.8 18.2 27.4#



#36
1,1-Dichloropropene
Concen: 5.432 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion: 75 Resp: 43401
Ion Ratio Lower Upper
75 100
110 9.1 19.1 57.3#
77 0.3 24.8 37.2#

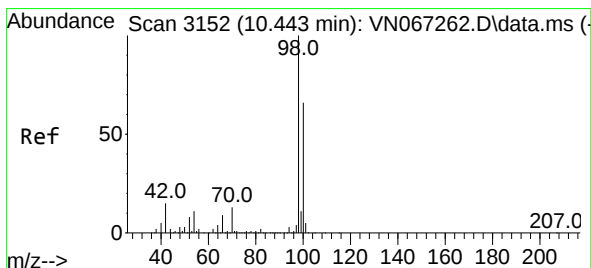
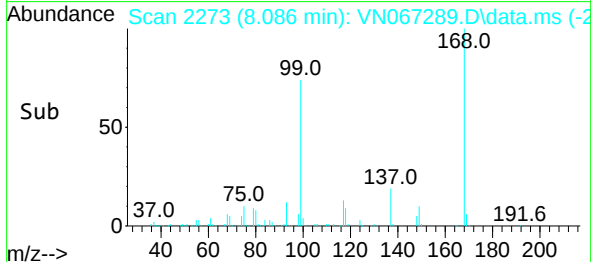
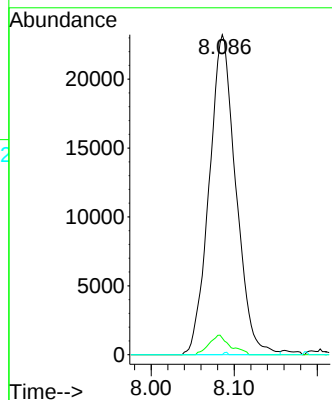
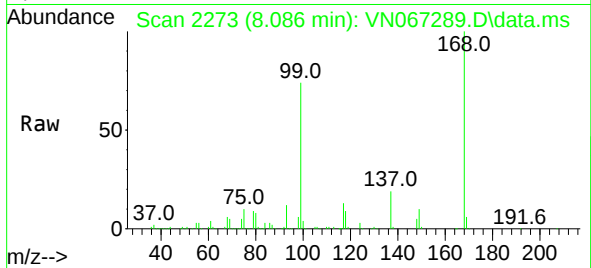




#38
Carbon Tetrachloride
Concen: 6.215 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

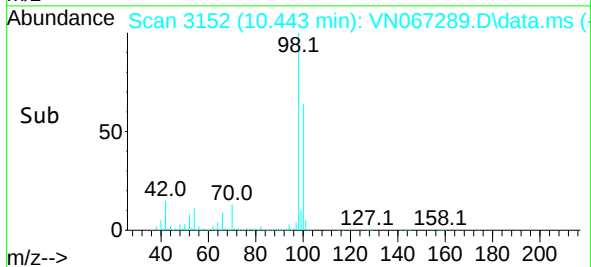
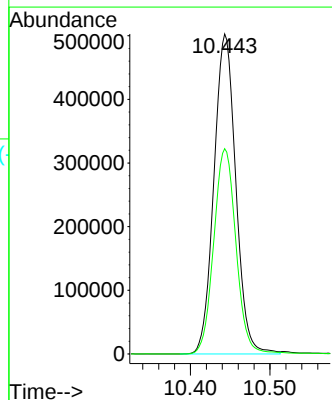
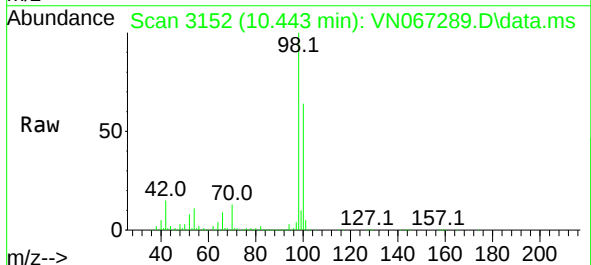
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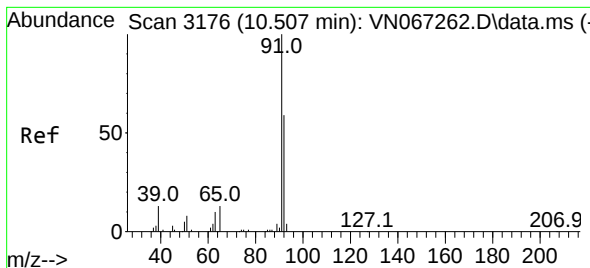
Tgt Ion:117 Resp: 51775
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.906 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion: 98 Resp: 961618
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8





#52

Toluene

Concen: 1.014 ug/l

RT: 10.507 min Scan# 3176

Delta R.T. -0.000 min

Lab File: VN067289.D

Acq: 11 Jun 2021 15:30

Instrument :

MSVOA_N

ClientSampleId :

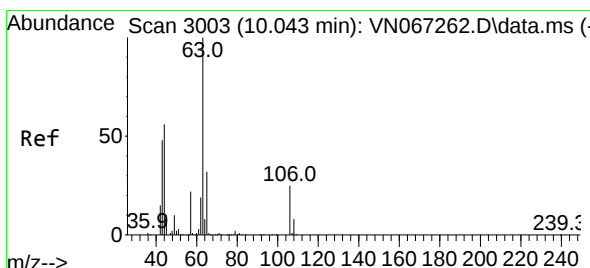
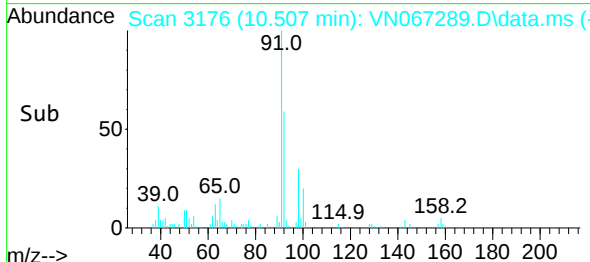
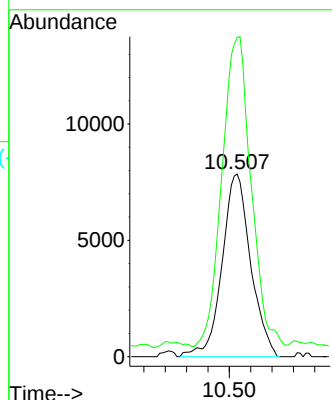
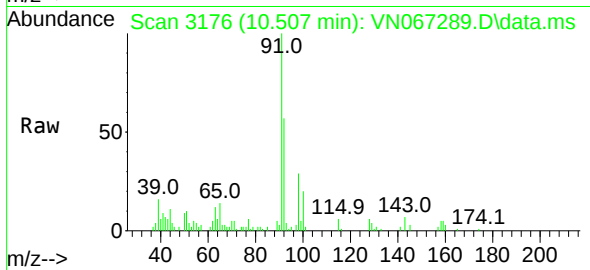
TMR-DS-05-060921

Tgt Ion: 92 Resp: 14573

Ion Ratio Lower Upper

92 100

91 172.4 138.7 208.1



#58

2-Chloroethyl Vinyl ether

Concen: 28.138 ug/l

RT: 10.006 min Scan# 2989

Delta R.T. -0.037 min

Lab File: VN067289.D

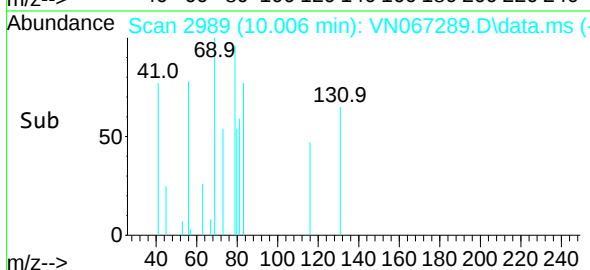
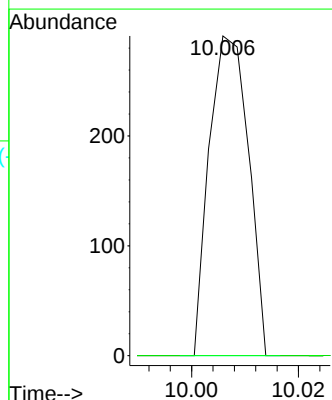
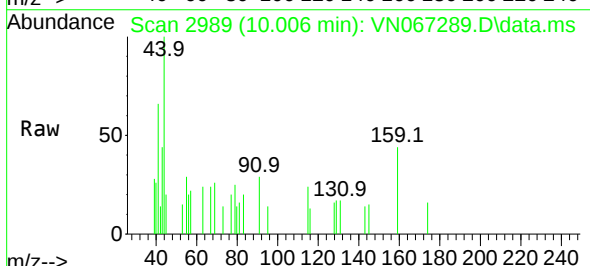
Acq: 11 Jun 2021 15:30

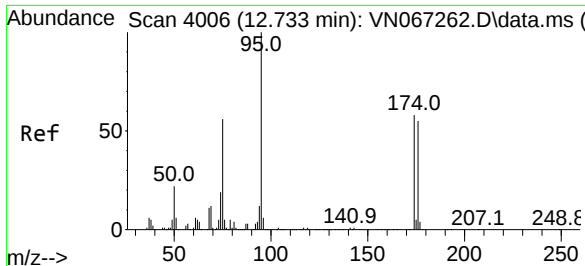
Tgt Ion: 63 Resp: 148

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

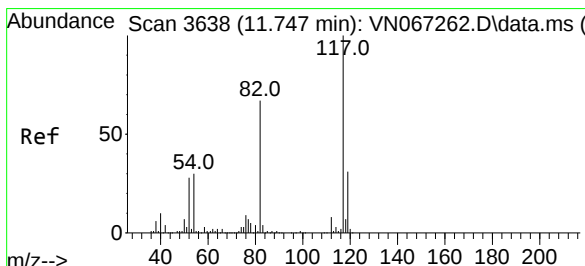
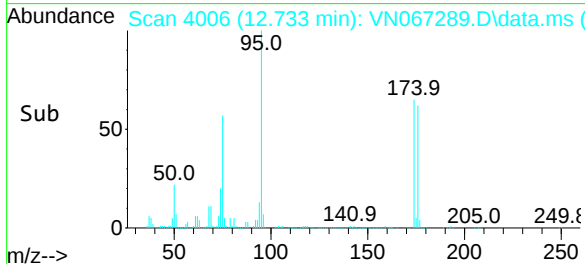
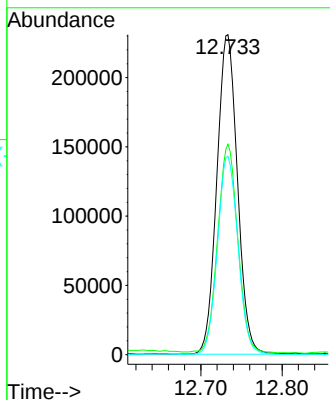
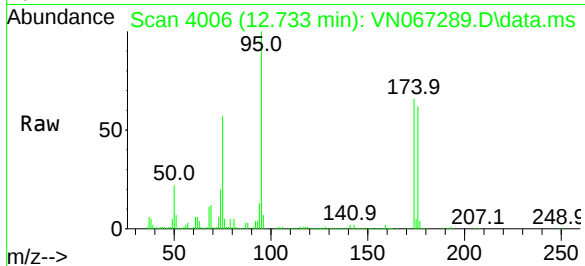




#62
4-Bromofluorobenzene
Concen: 51.650 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

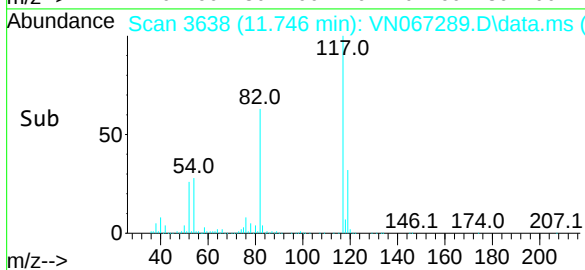
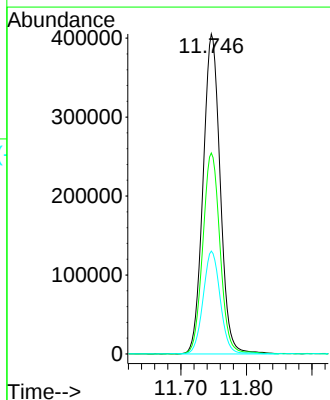
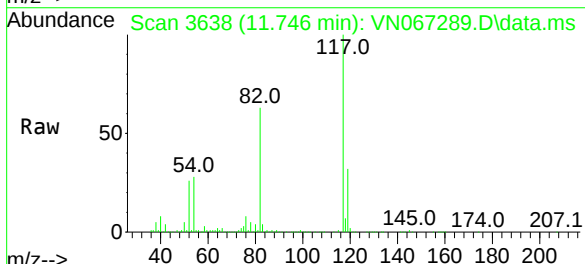
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

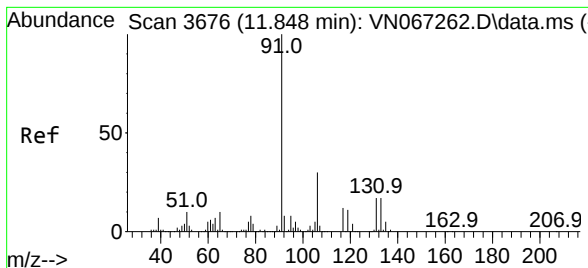
Tgt Ion: 95 Resp: 406015
Ion Ratio Lower Upper
95 100
174 64.1 0.0 182.8
176 61.7 0.0 176.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion:117 Resp: 735771
Ion Ratio Lower Upper
117 100
82 62.7 42.2 63.2
119 32.1 25.8 38.6

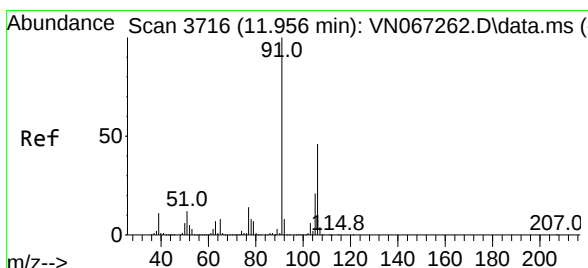
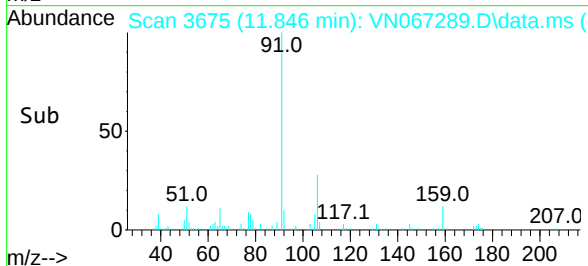
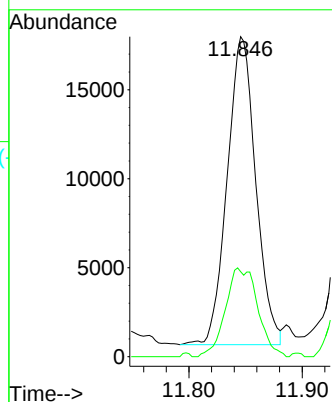
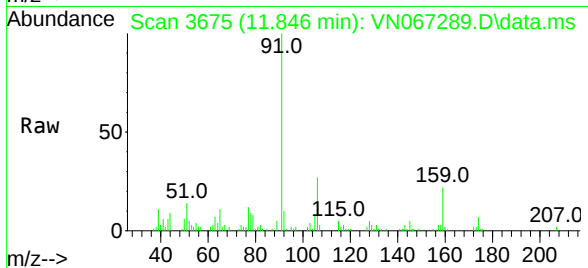




#67
Ethyl Benzene
Concen: 0.987 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

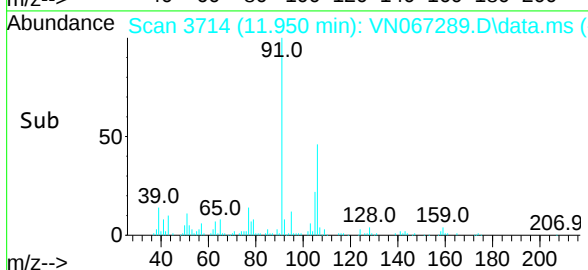
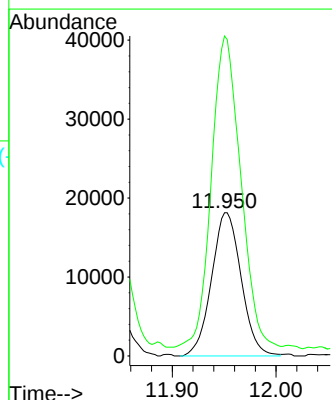
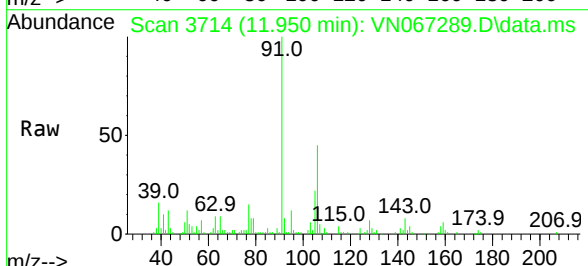
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

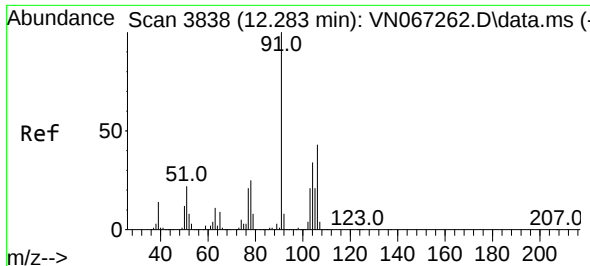
Tgt Ion: 91 Resp: 30272
Ion Ratio Lower Upper
91 100
106 27.6 26.2 39.2



#68
m/p-Xylenes
Concen: 3.257 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.005 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion:106 Resp: 35977
Ion Ratio Lower Upper
106 100
91 213.5 155.2 232.8

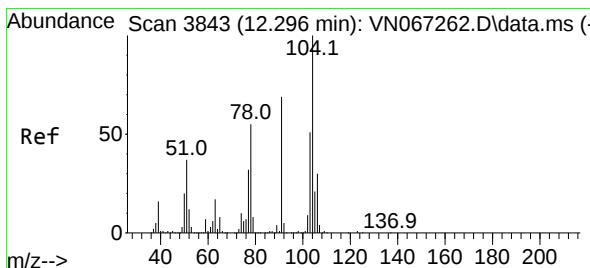
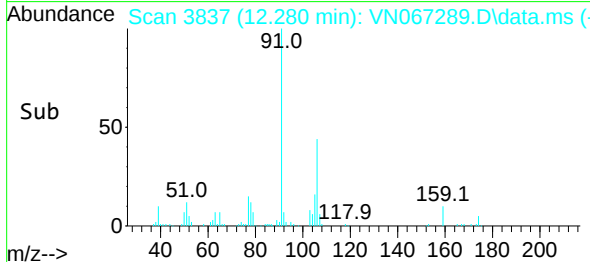
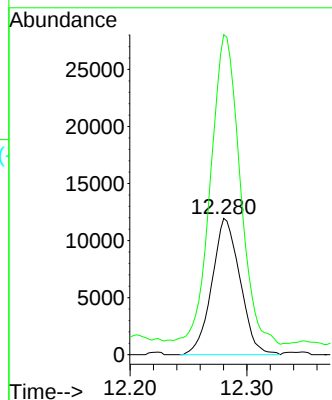
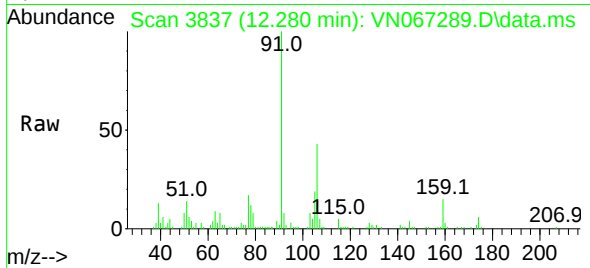




#69
o-Xylene
Concen: 1.843 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

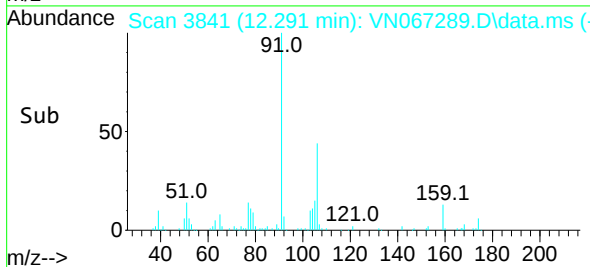
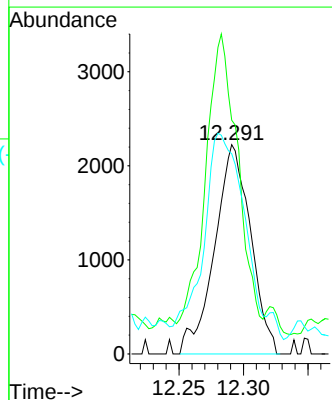
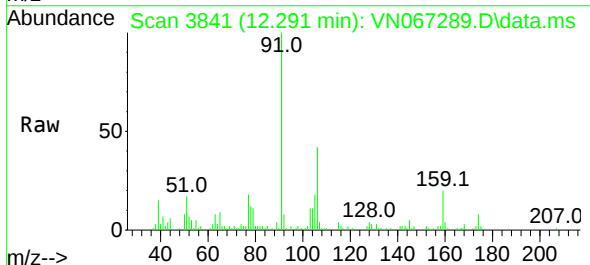
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

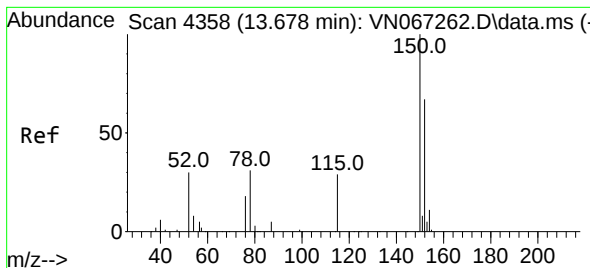
Tgt Ion:106 Resp: 19971
Ion Ratio Lower Upper
106 100
91 235.9 102.3 306.8



#70
Styrene
Concen: 0.238 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.005 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion:104 Resp: 4309
Ion Ratio Lower Upper
104 100
78 119.8 37.7 56.5#
103 97.1 44.2 66.4#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.677 min Scan# 4358

Delta R.T. -0.001 min

Lab File: VN067289.D

Acq: 11 Jun 2021 15:30

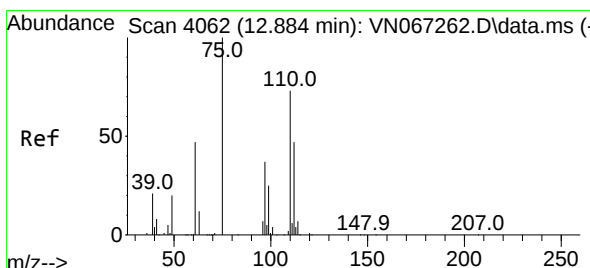
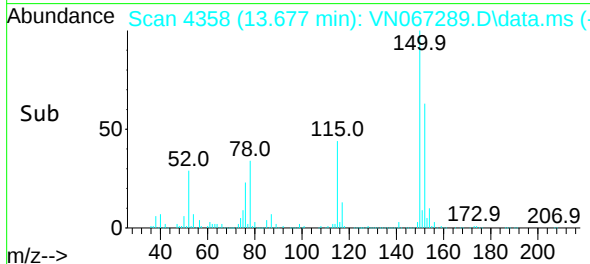
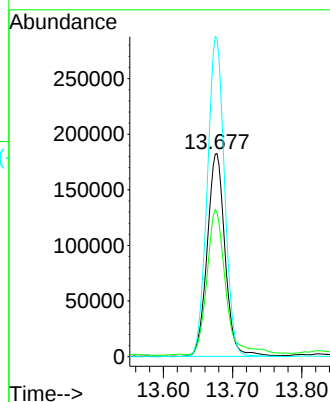
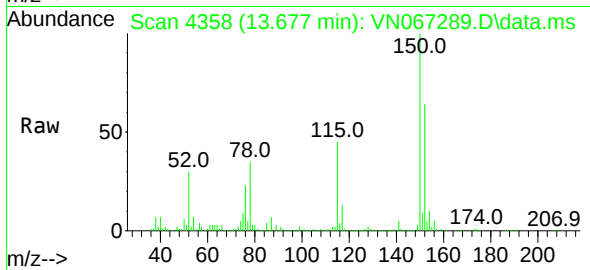
Instrument :

MSVOA_N

ClientSampleId :

TMR-DS-05-060921

Tgt Ion:	152	Resp:	326125
Ion	Ratio	Lower	Upper
152	100		
115	75.4	27.0	80.8
150	152.7	0.0	350.2



#76

1,2,3-Trichloropropane

Concen: 26.662 ug/l

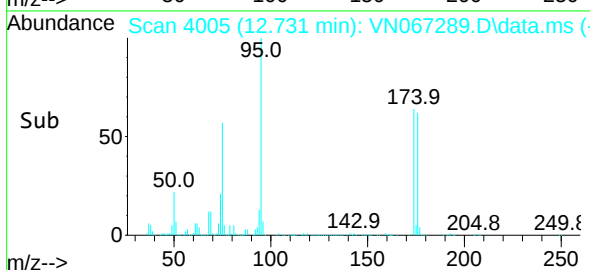
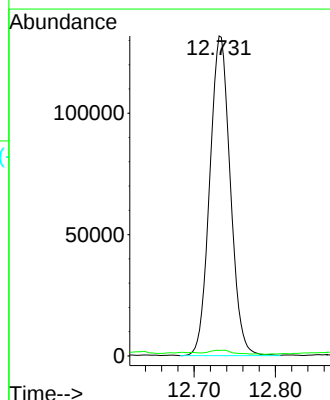
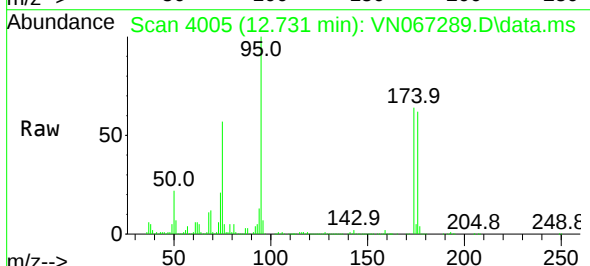
RT: 12.731 min Scan# 4005

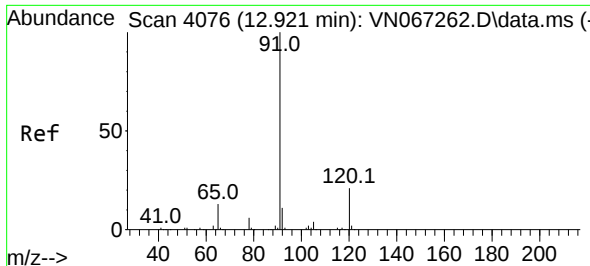
Delta R.T. -0.153 min

Lab File: VN067289.D

Acq: 11 Jun 2021 15:30

Tgt Ion:	75	Resp:	230985
Ion	Ratio	Lower	Upper
75	100		
77	1.3	0.0	0.0#

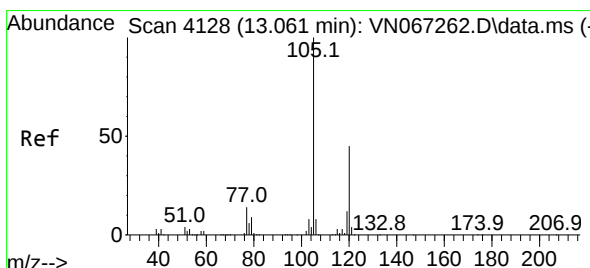
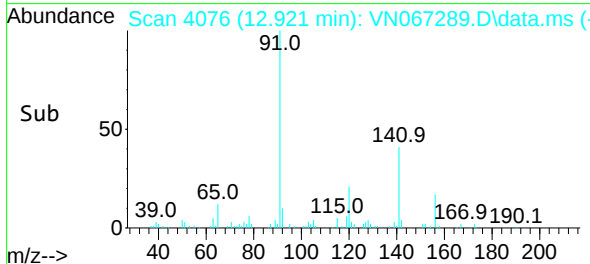
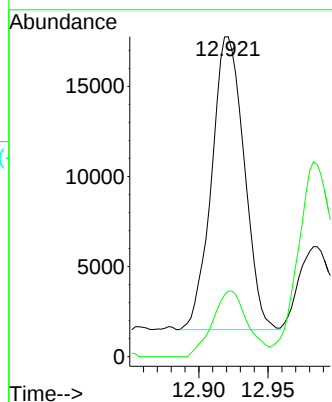
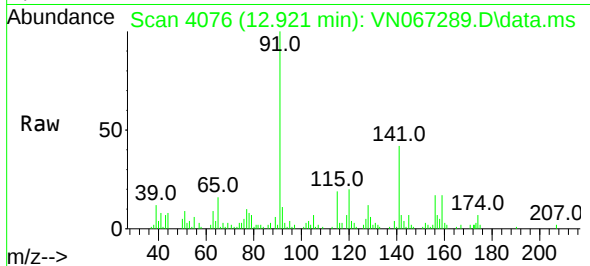




#78
n-propylbenzene
Concen: 0.740 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.000 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

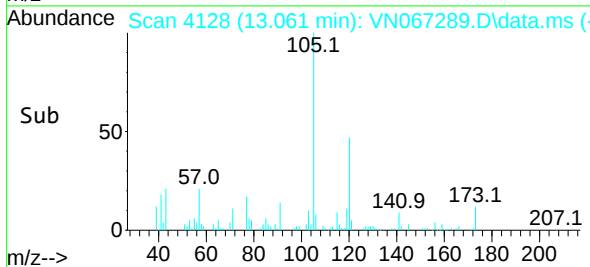
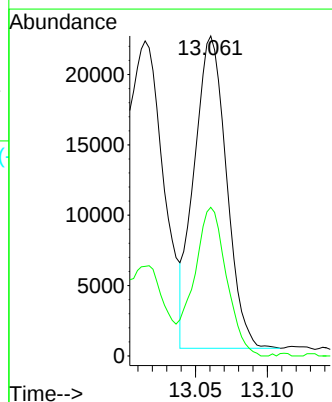
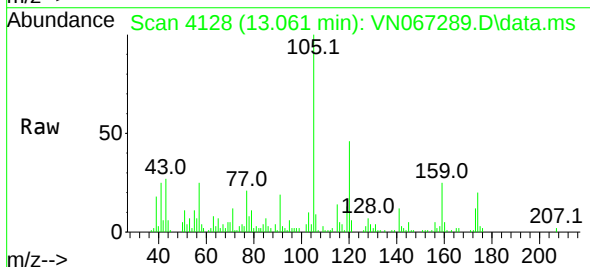
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

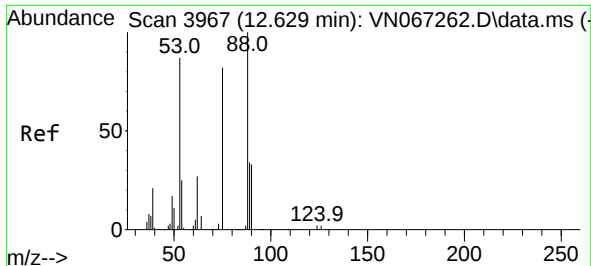
Tgt Ion: 91 Resp: 26542
Ion Ratio Lower Upper
91 100
120 24.3 12.7 38.0



#80
1,3,5-Trimethylbenzene
Concen: 1.323 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion: 105 Resp: 34727
Ion Ratio Lower Upper
105 100
120 47.9 25.0 75.0

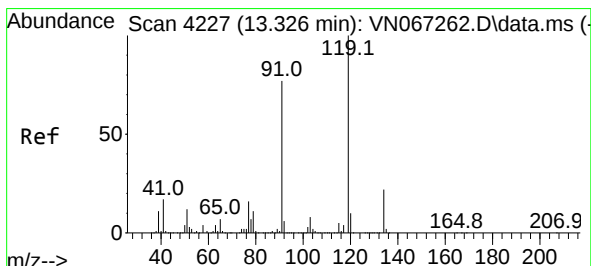
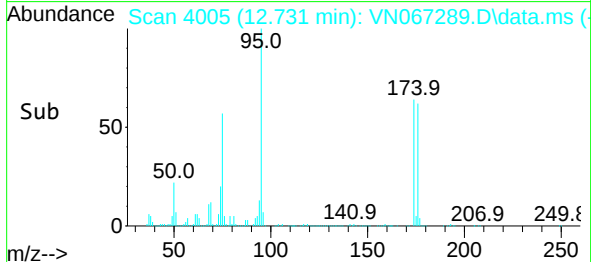
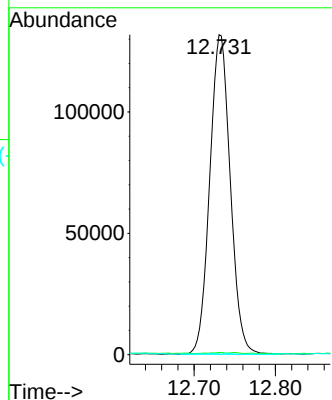
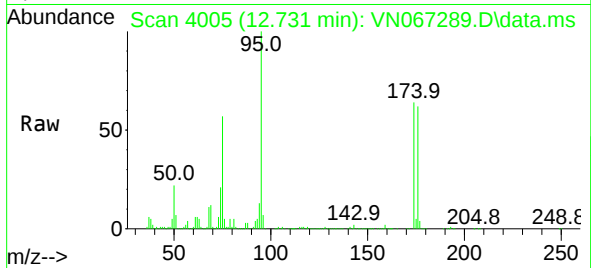




#81
trans-1,4-Dichloro-2-butene
Concen: 68.203 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.102 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

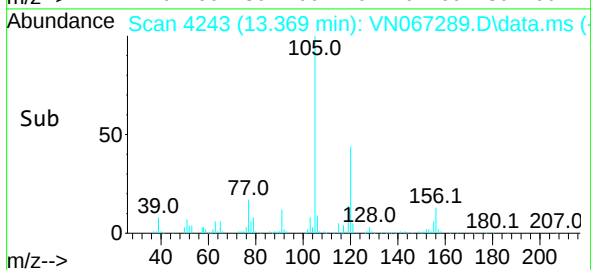
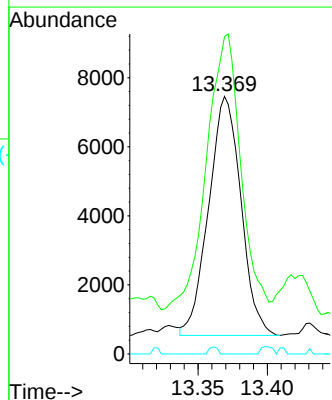
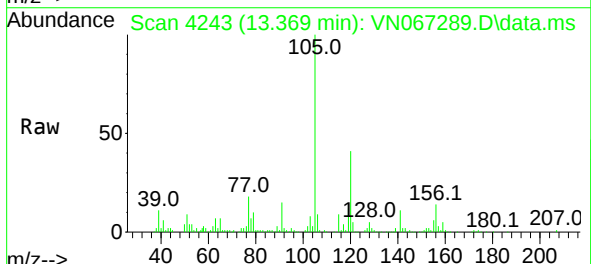
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

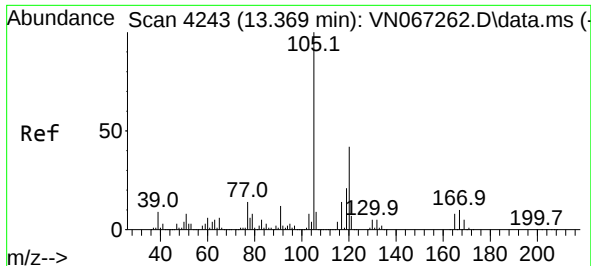
Tgt Ion: 75 Resp: 230985
Ion Ratio Lower Upper
75 100
53 0.2 66.3 99.5#
89 0.3 39.5 59.3#



#83
tert-Butylbenzene
Concen: 0.520 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.043 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion: 119 Resp: 11216
Ion Ratio Lower Upper
119 100
91 120.4 30.2 90.6#
134 0.0 13.0 39.0#

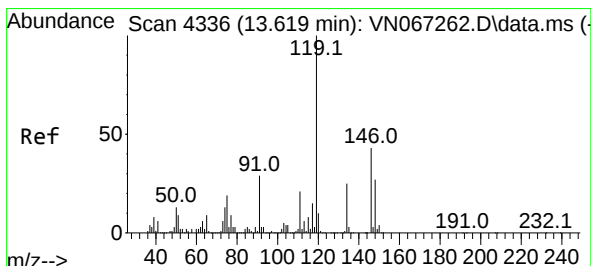
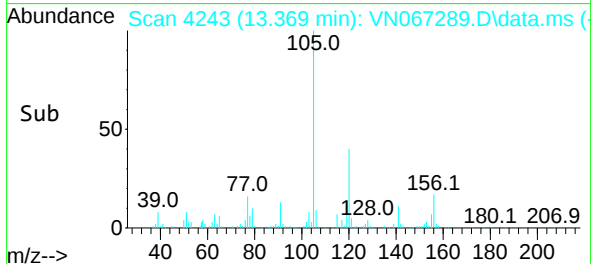
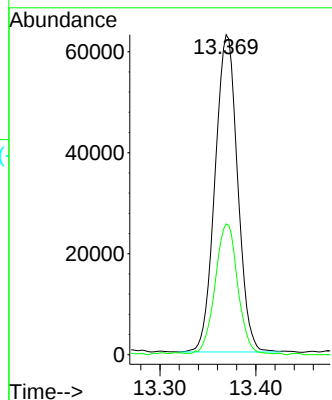
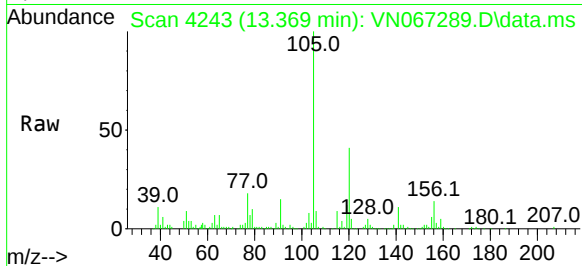




#84
1,2,4-Trimethylbenzene
Concen: 3.990 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. -0.000 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

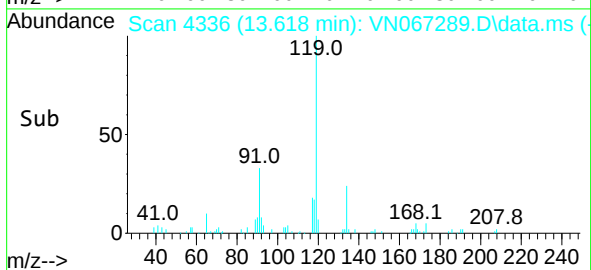
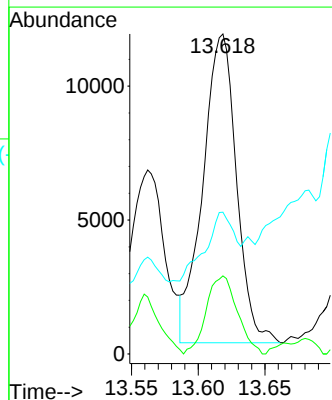
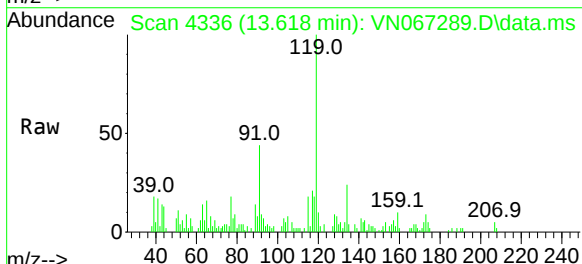
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

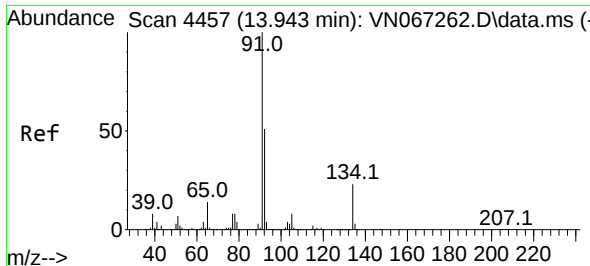
Tgt Ion:105 Resp: 102560
Ion Ratio Lower Upper
105 100
120 40.7 23.8 71.2



#86
p-Isopropyltoluene
Concen: 0.793 ug/l
RT: 13.618 min Scan# 4336
Delta R.T. -0.000 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion:119 Resp: 20203
Ion Ratio Lower Upper
119 100
134 23.3 13.3 39.9
91 19.6 10.7 32.1

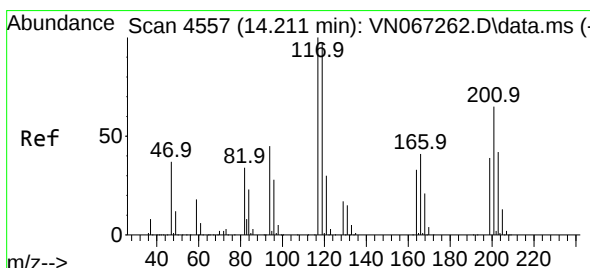
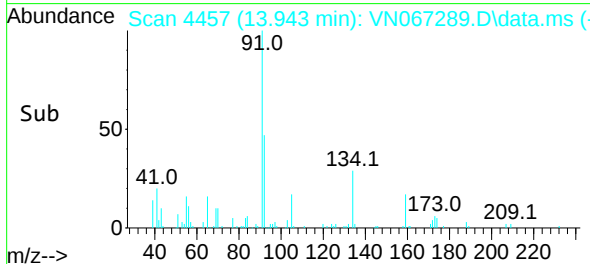
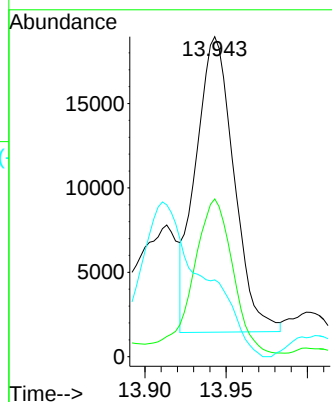
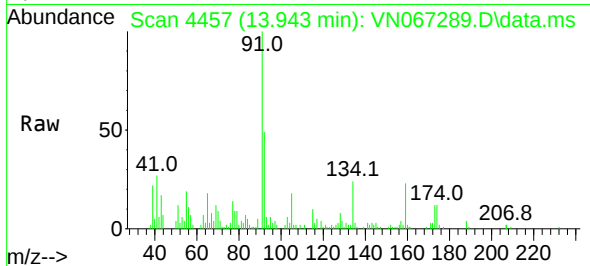




#89
n-Butylbenzene
Concen: 1.214 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.000 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

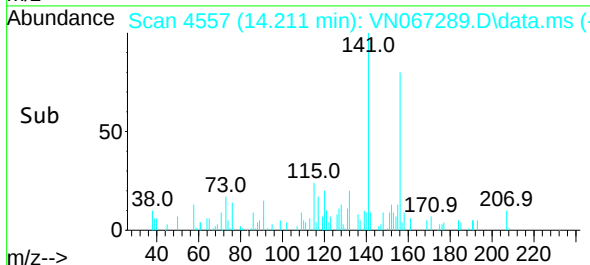
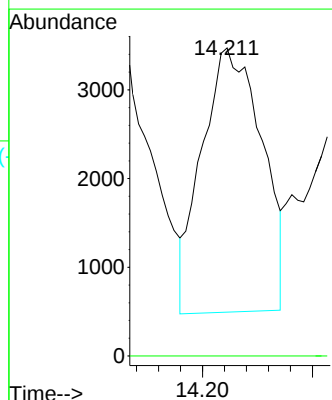
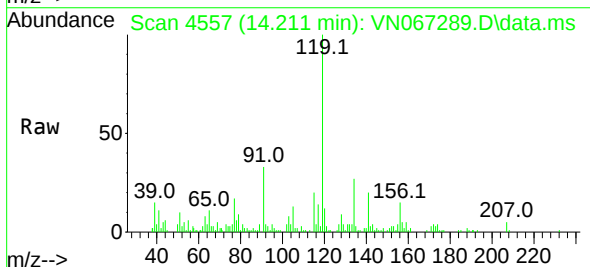
Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

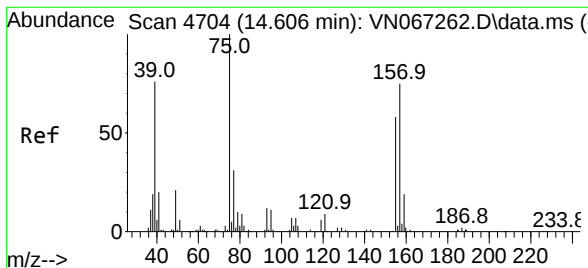
Tgt Ion: 91 Resp: 28473
Ion Ratio Lower Upper
91 100
92 54.4 26.5 79.5
134 0.0 14.3 42.9#



#90
Hexachloroethane
Concen: 1.225 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. -0.000 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion: 117 Resp: 5666
Ion Ratio Lower Upper
117 100
201 0.0 45.5 136.5#

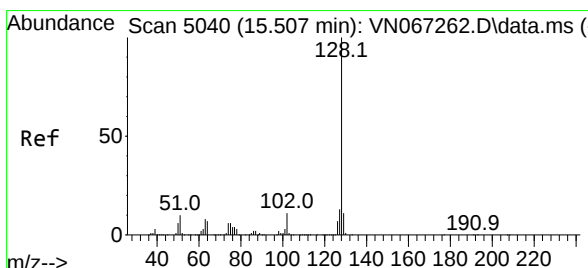
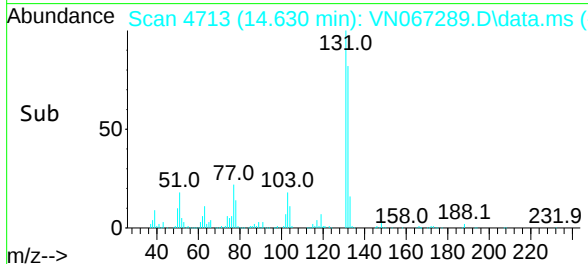
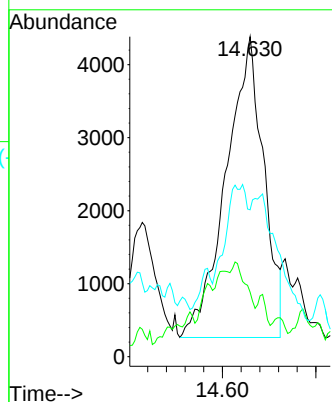
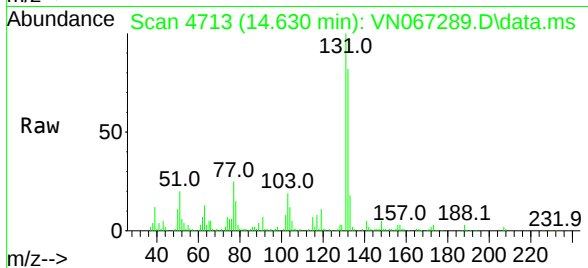




#92
1,2-Dibromo-3-Chloropropane
Concen: 5.209 ug/l
RT: 14.630 min Scan# 4713
Delta R.T. 0.024 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Instrument :
MSVOA_N
ClientSampleId :
TMR-DS-05-060921

Tgt Ion: 75 Resp: 11488
Ion Ratio Lower Upper
75 100
155 0.0 49.9 149.7#
157 19.0 63.8 191.4#



#95
Naphthalene
Concen: 14.526 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN067289.D
Acq: 11 Jun 2021 15:30

Tgt Ion:128 Resp: 194603
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.5 8.6 13.0

