

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066277.D
 Acq On : 19 Mar 2021 13:59
 Operator : JC/MD
 Sample : M1719-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 84-10

Manual Integrations
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 3/22/2021 11:50:28 AM

Quant Time: Mar 20 04:57:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	289682	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	465818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	452926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	183947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	237310	56.86	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.72%			
35) Dibromofluoromethane	7.507	113	166768	56.12	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.24%			
50) Toluene-d8	10.028	98	639779	55.68	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 111.36%			
62) 4-Bromofluorobenzene	12.345	95	204068	49.27	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.54%			
Target Compounds					Qvalue	
16) Acetone	3.741	43	7841	3.91	ug/l #	86
19) Methyl tert-butyl Ether	4.951	73	14400	1.39	ug/l #	55
39) Methylcyclohexane	8.976	83	6142m	1.21	ug/l	
40) Benzene	7.960	78	429999	30.37	ug/l	98
44) Trichloroethene	8.765	130	6287	1.83	ug/l	77
57) 1,3-Dichloropropane	10.647	76	3782	0.62	ug/l	98
65) Chlorobenzene	11.377	112	11224056	1235.04	ug/l #	31
67) Ethyl Benzene	11.455	91	11967	0.74	ug/l	91
73) Isopropylbenzene	12.192	105	91399	7.09	ug/l	96
78) n-propylbenzene	12.535	91	27681	1.87	ug/l	93
79) 2-Chlorotoluene	12.619	91	3953	0.44	ug/l	95
80) 1,3,5-Trimethylbenzene	12.675	105	4019	0.38	ug/l	82
83) tert-Butylbenzene	12.938	119	3946	0.42	ug/l	89
85) sec-Butylbenzene	13.115	105	9732	0.81	ug/l #	71
87) 1,3-Dichlorobenzene	13.225	146	80218	14.00	ug/l	98
88) 1,4-Dichlorobenzene	13.305	146	74119	12.35	ug/l	98
91) 1,2-Dichlorobenzene	13.597	146	10732	1.90	ug/l	84
95) Naphthalene	15.073	128	22975	2.13	ug/l #	95

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

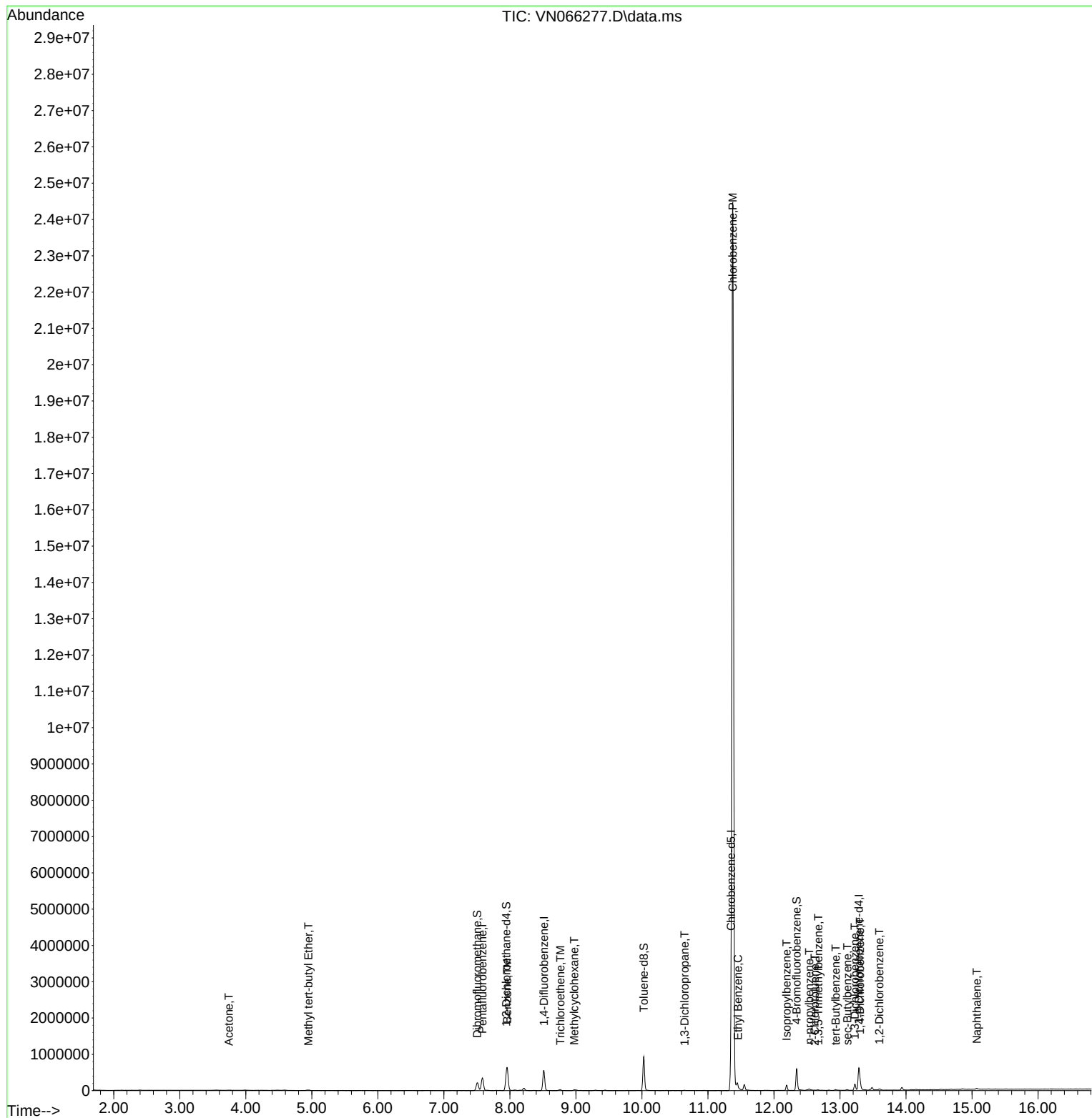
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
Data File : VN066277.D
Acq On : 19 Mar 2021 13:59
Operator : JC/MD
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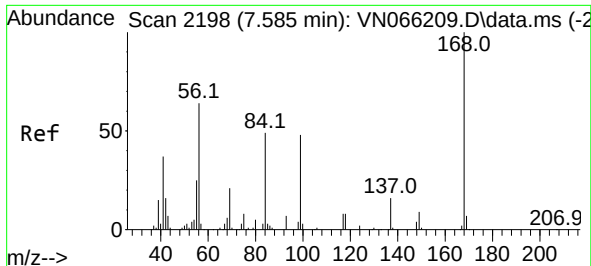
Instrument :
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ClientSampleId :
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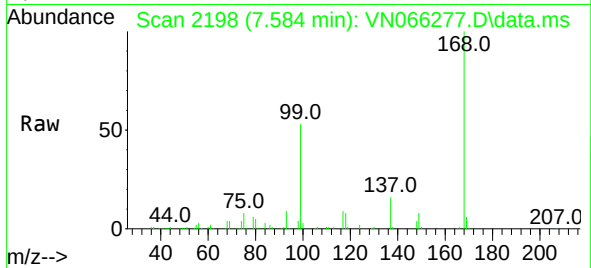
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Quant Time: Mar 20 04:57:18 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 05:05:15 2021
Response via : Initial Calibration

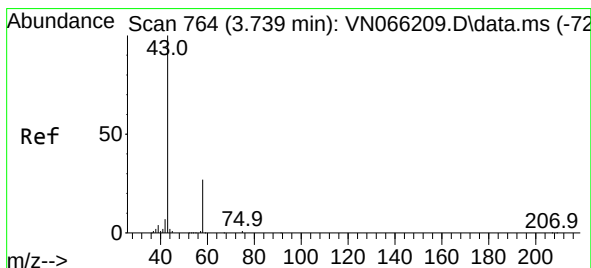
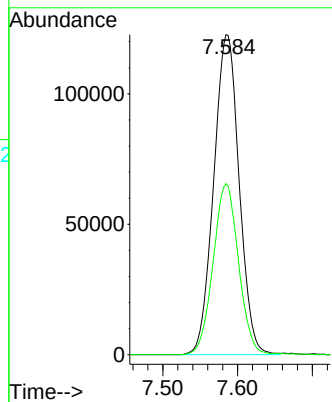
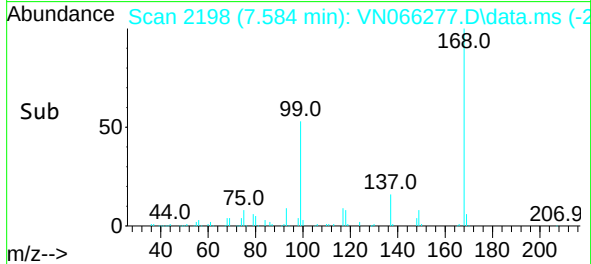




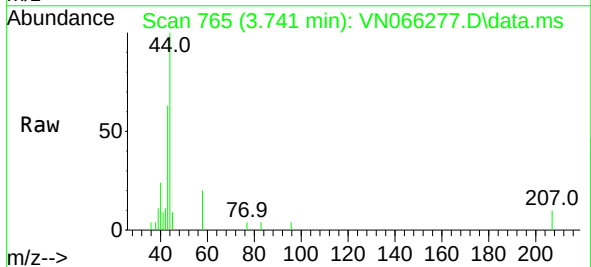
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.584 min Scan# 2198
Delta R.T. -0.001 min
Lab File: VN066277.D
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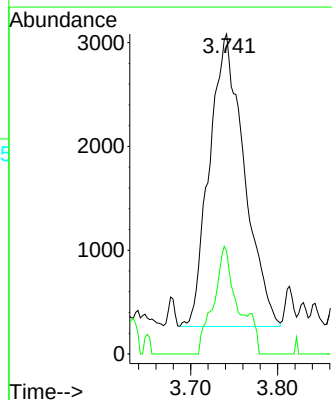
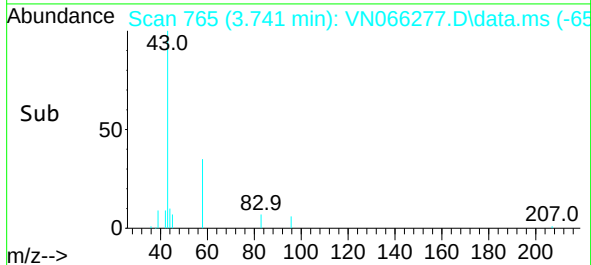
Tgt Ion:168 Resp: 289682
Ion Ratio Lower Upper
168 100
99 53.4 45.4 68.0



#16
Acetone
Concen: 3.91 ug/l
RT: 3.741 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59



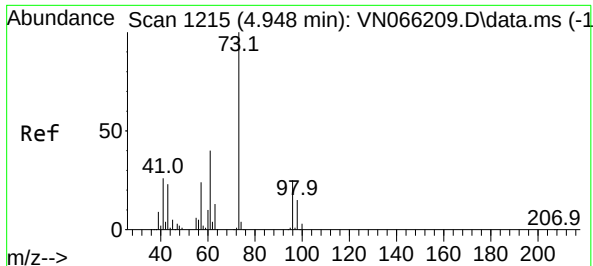
Tgt Ion: 43 Resp: 7841
Ion Ratio Lower Upper
43 100
58 35.2 22.3 33.5#



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#19

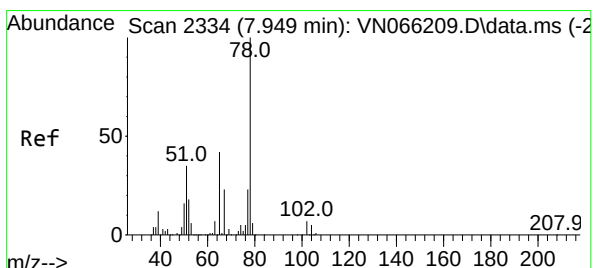
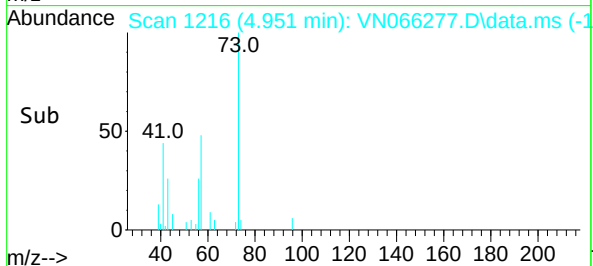
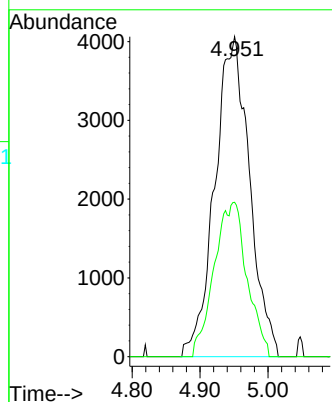
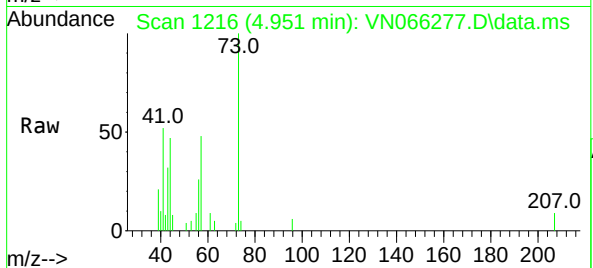
Methyl tert-butyl Ether
Concen: 1.39 ug/l
RT: 4.951 min Scan# 1216
Delta R.T. 0.003 min
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Tgt Ion: 73 Resp: 14400
Ion Ratio Lower Upper
73 100
57 48.3 20.3 30.5#

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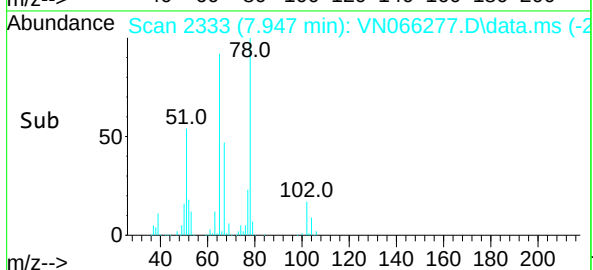
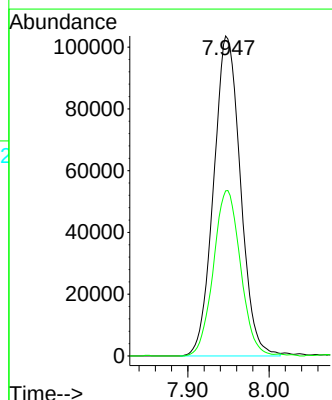
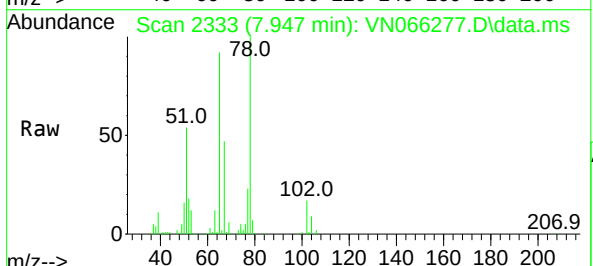
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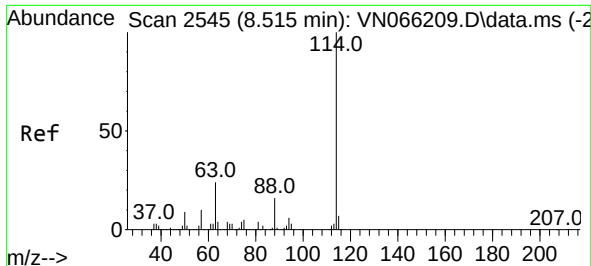


#33

1,2-Dichloroethane-d4
Concen: 56.86 ug/l
RT: 7.947 min Scan# 2333
Delta R.T. -0.002 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

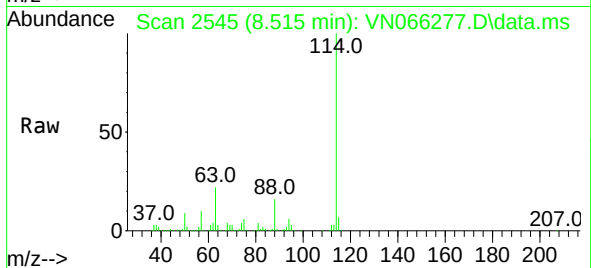
Tgt Ion: 65 Resp: 237310
Ion Ratio Lower Upper
65 100
67 52.3 0.0 107.2





#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.515 min Scan# 2545
Delta R.T. 0.000 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

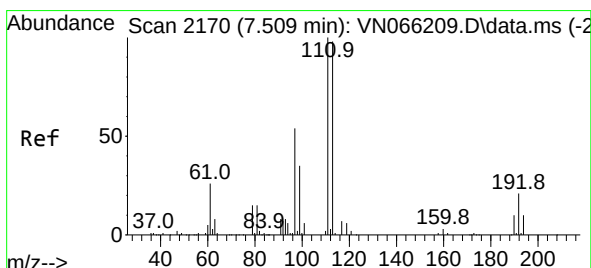
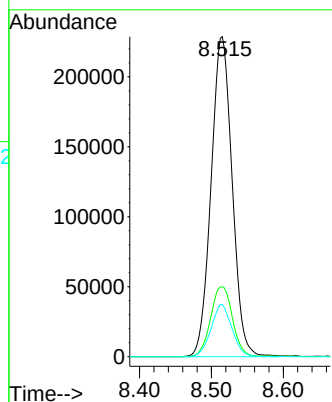
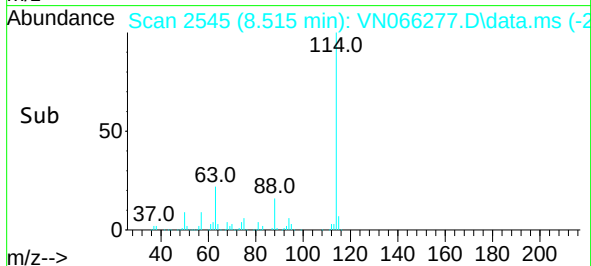
Instrument :
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ClientSampled :
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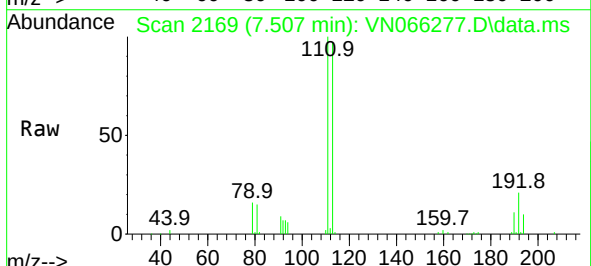
Tgt Ion:114 Resp: 465818
Ion Ratio Lower Upper
114 100
63 21.9 0.0 49.2
88 16.4 0.0 33.8

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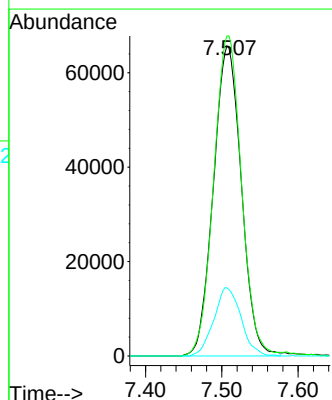
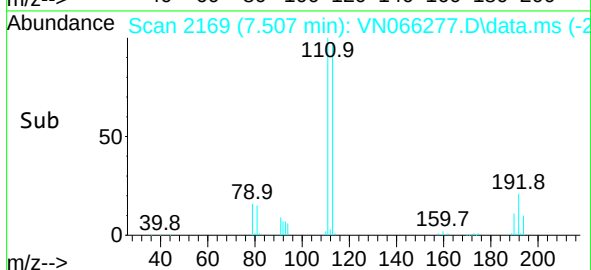
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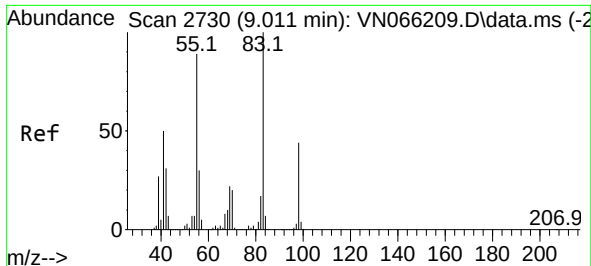


#35
Dibromofluoromethane
Concen: 56.12 ug/l
RT: 7.507 min Scan# 2169
Delta R.T. -0.002 min
Lab File: VN066277.D
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Tgt Ion:113 Resp: 166768
Ion Ratio Lower Upper
113 100
111 102.4 84.0 126.0
192 21.4 16.7 25.1





#39

Methylcyclohexane

Concen: 1.21 ug/l m

RT: 8.976 min Scan# 2717

Delta R.T. -0.035 min

Lab File: VN066277.D

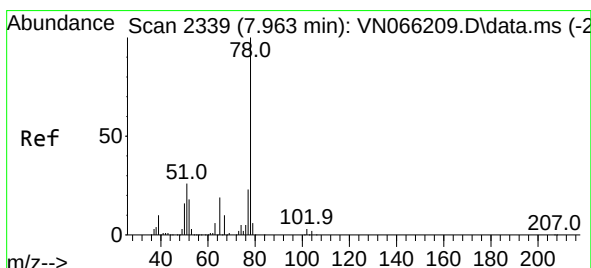
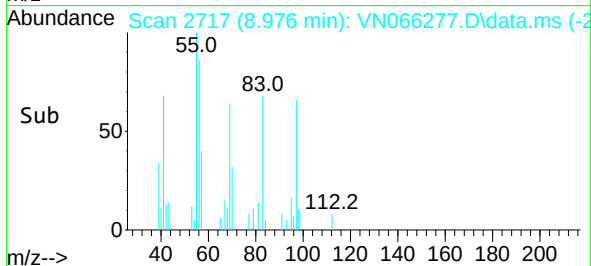
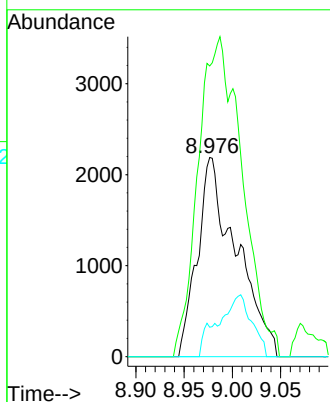
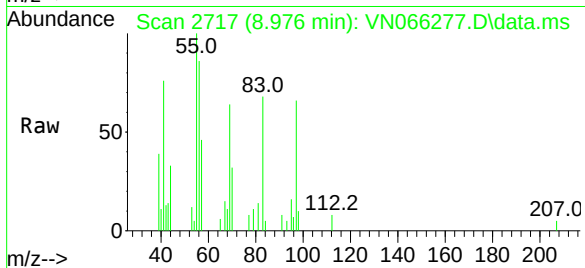
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Tgt Ion:	83	Resp:	6142
Ion	Ratio	Lower	Upper
83	100		
55	146.0	72.8	109.2#
98	14.8	33.7	50.5#

Instrument :
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#40

Benzene

Concen: 30.37 ug/l

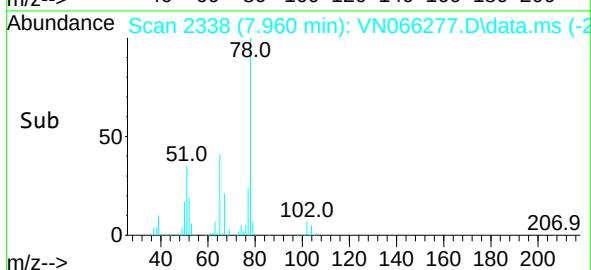
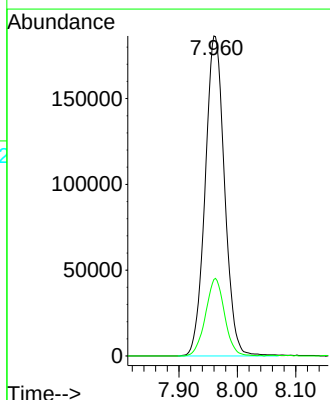
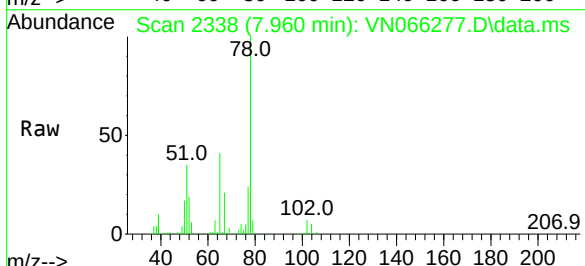
RT: 7.960 min Scan# 2338

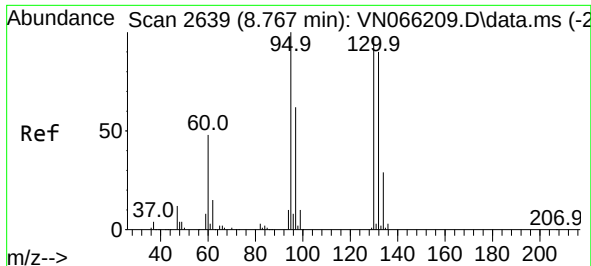
Delta R.T. -0.003 min

Lab File: VN066277.D

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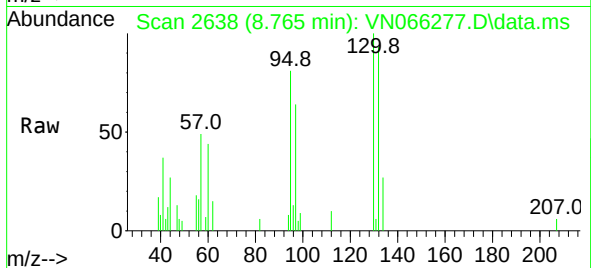
Tgt Ion:	78	Resp:	429999
Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.5	27.7





#44
Trichloroethene
Concen: 1.83 ug/l
RT: 8.765 min Scan# 2638
Delta R.T. -0.002 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

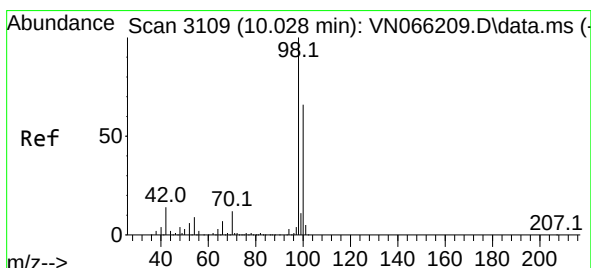
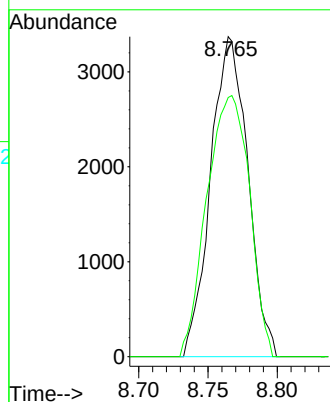
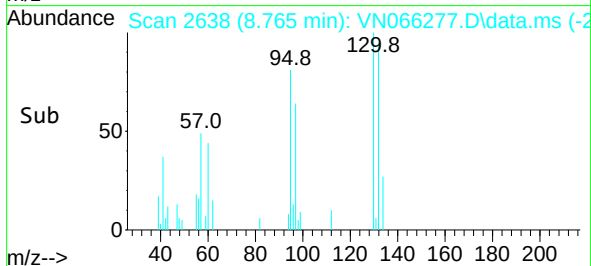
Instrument :
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ClientSampled :
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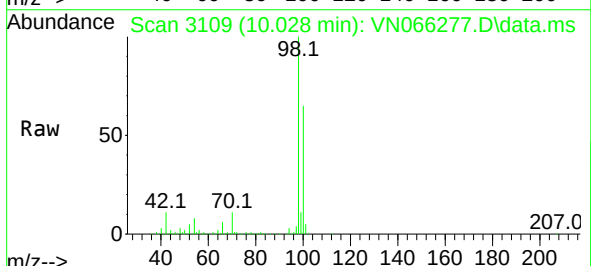
Tgt Ion:130 Resp: 6287
Ion Ratio Lower Upper
130 100
95 81.0 0.0 210.2

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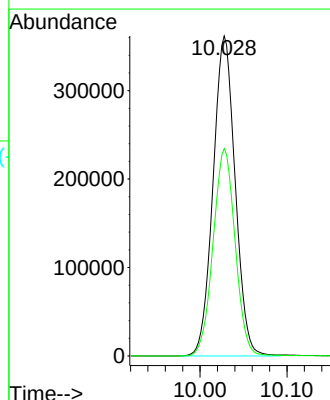
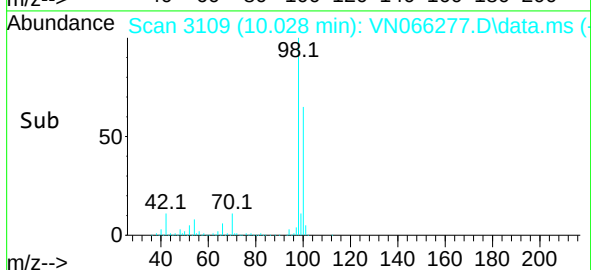
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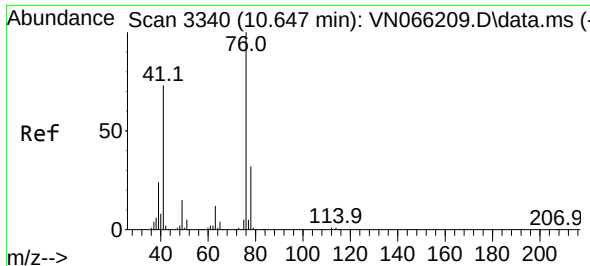


#50
Toluene-d8
Concen: 55.68 ug/l
RT: 10.028 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

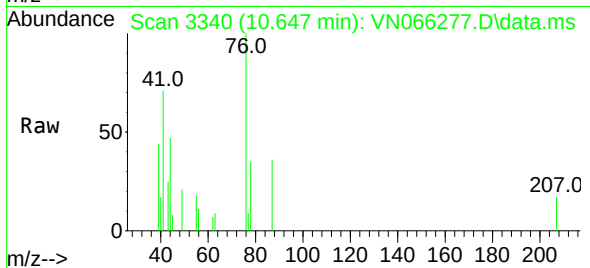


Tgt Ion: 98 Resp: 639779
Ion Ratio Lower Upper
98 100
100 64.6 51.0 76.6

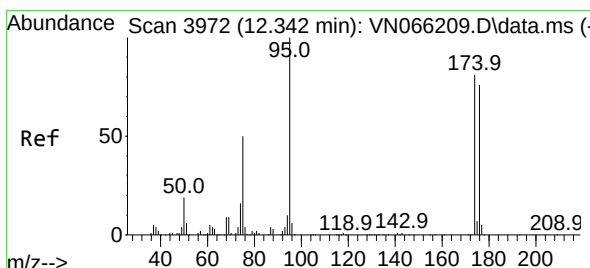
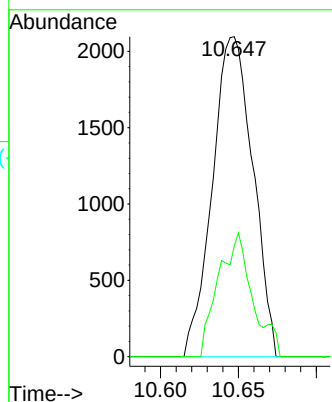
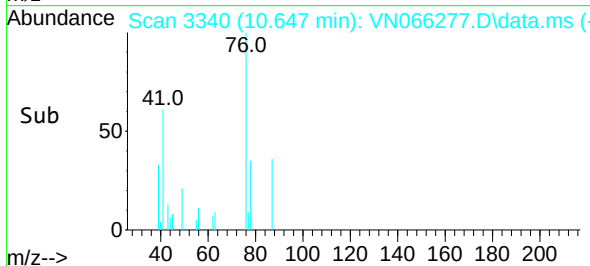




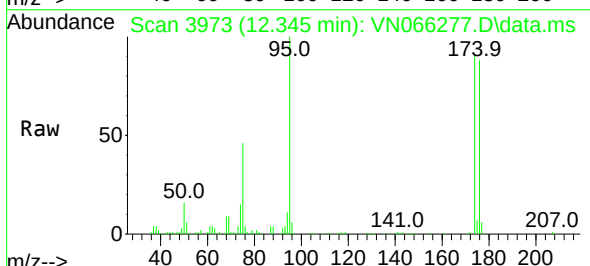
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1,3-Dichloropropane
Concen: 0.62 ug/l
RT: 10.647 min Scan# 3340
Delta R.T. 0.000 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59



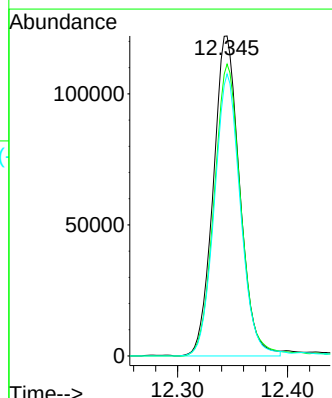
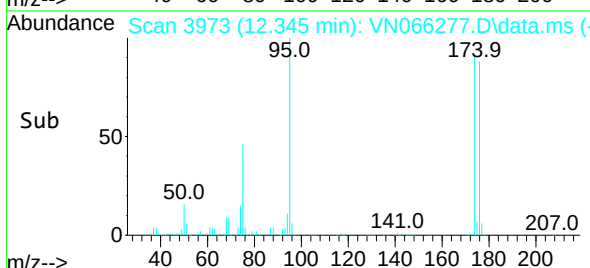
Tgt Ion: 76 Resp: 3782
Ion Ratio Lower Upper
76 100
78 32.7 25.4 38.2



#62
4-Bromofluorobenzene
Concen: 49.27 ug/l
RT: 12.345 min Scan# 3973
Delta R.T. 0.003 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59



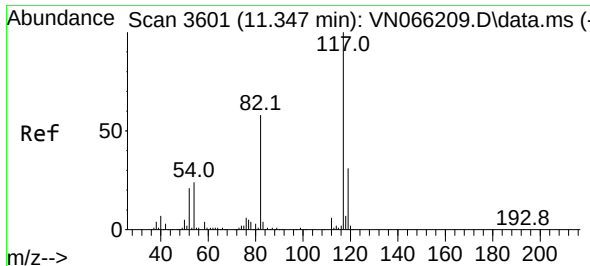
Tgt Ion: 95 Resp: 204068
Ion Ratio Lower Upper
95 100
174 92.5 0.0 162.4
176 87.2 0.0 156.2



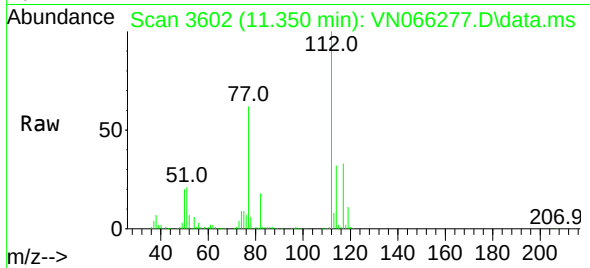
Instrument :
MSVOA_N
ClientSampled :
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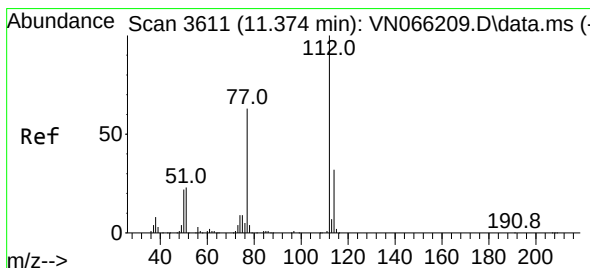
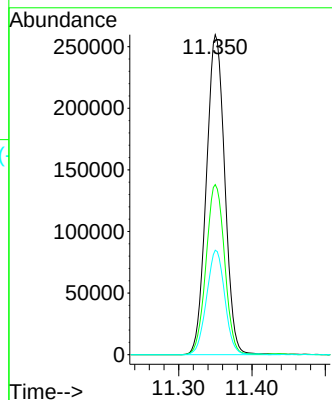
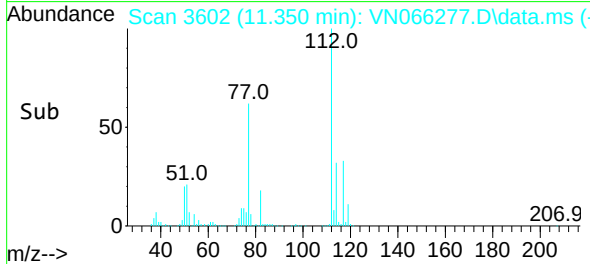
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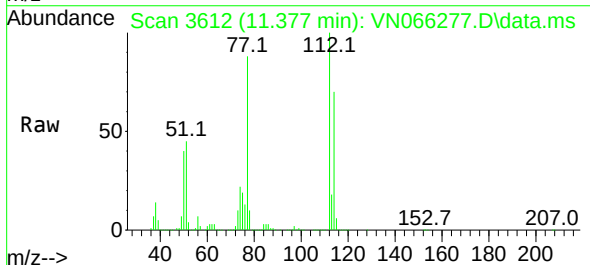
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.350 min Scan# 3602
Delta R.T. 0.003 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59



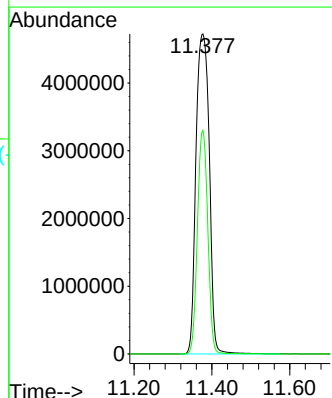
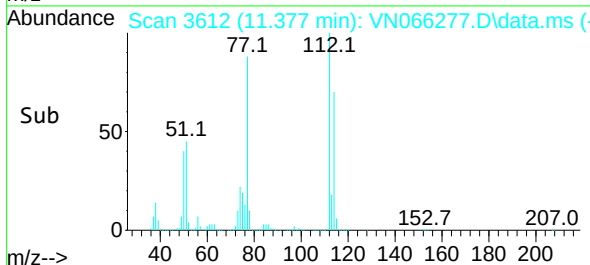
Tgt Ion:117 Resp: 452926
Ion Ratio Lower Upper
117 100
82 53.2 49.0 73.6
119 32.6 25.7 38.5



#65
Chlorobenzene
Concen: 1235.04 ug/l
RT: 11.377 min Scan# 3612
Delta R.T. 0.003 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59



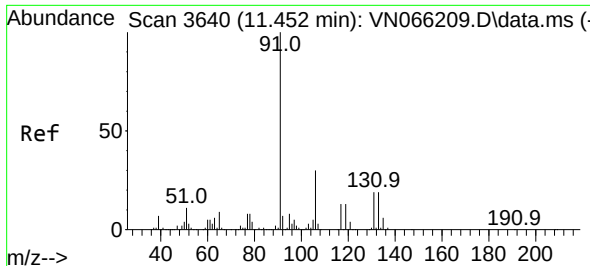
Tgt Ion:112 Resp:11224056
Ion Ratio Lower Upper
112 100
114 69.9 25.4 38.0#



Instrument :
MSVOA_N
ClientSampleId :
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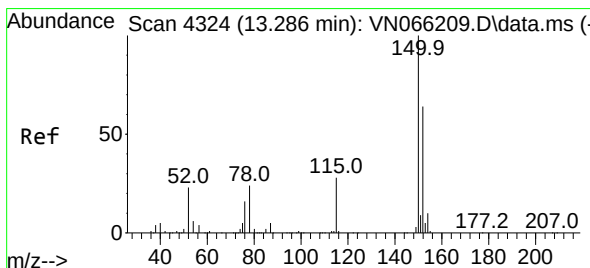
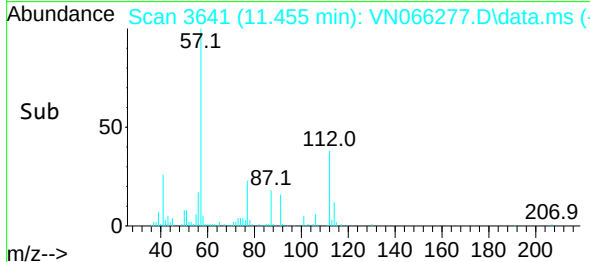
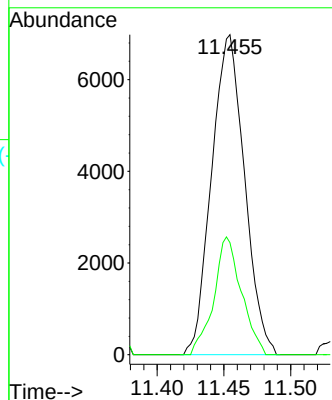
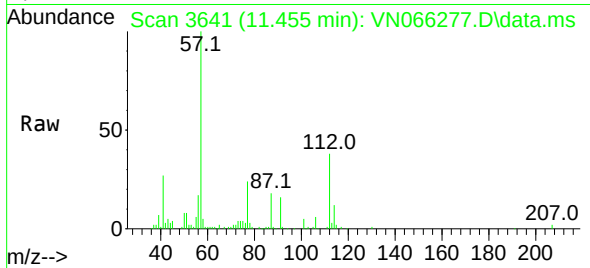
#67
Ethyl Benzene
Concen: 0.74 ug/l
RT: 11.455 min Scan# 3641
Delta R.T. 0.003 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

Tgt Ion: 91 Resp: 11967
Ion Ratio Lower Upper
91 100
106 35.0 24.2 36.2

Instrument :
MSVOA_N
ClientSampled :
84-10

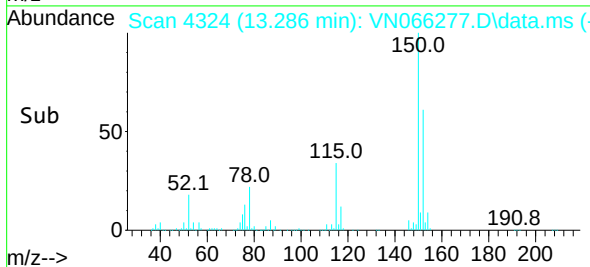
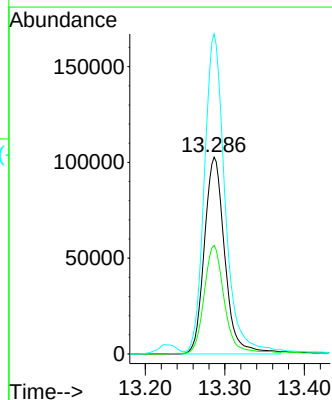
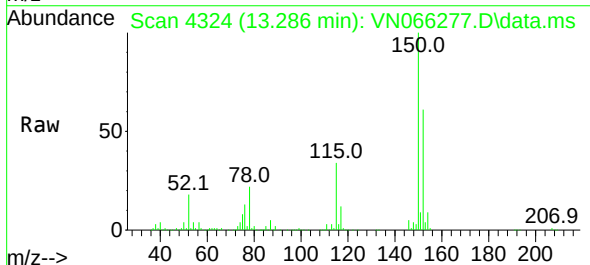
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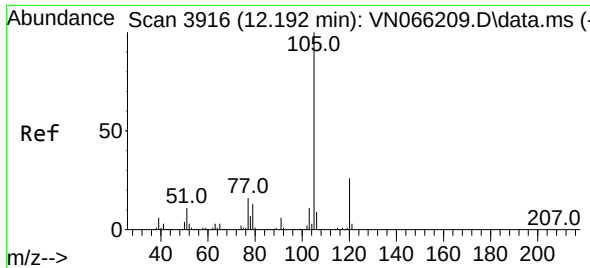
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.286 min Scan# 4324
Delta R.T. 0.000 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

Tgt Ion:152 Resp: 183947
Ion Ratio Lower Upper
152 100
115 54.4 29.4 88.3
150 164.6 0.0 352.2





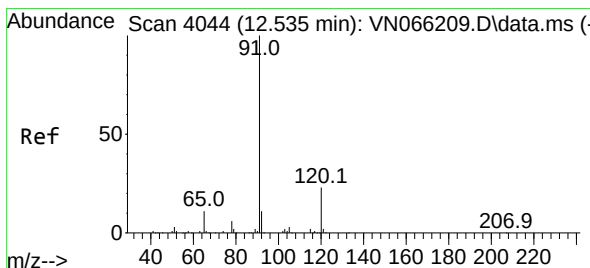
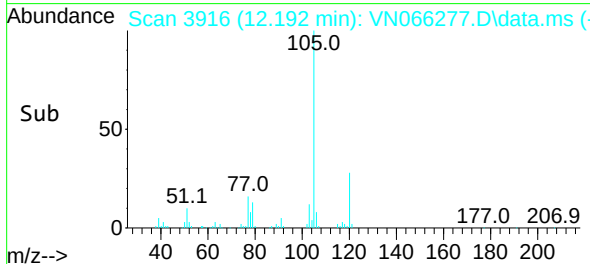
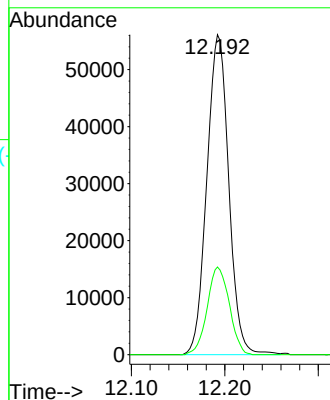
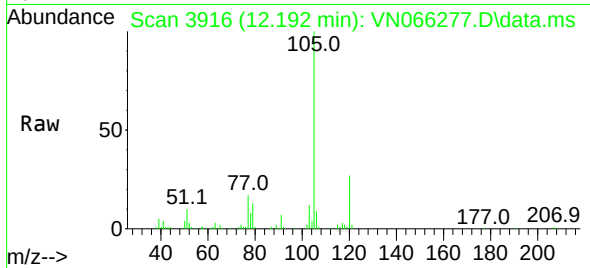
#73
Isopropylbenzene
Concen: 7.09 ug/l
RT: 12.192 min Scan# 3916
Delta R.T. 0.000 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

Tgt Ion: 105 Resp: 91399
Ion Ratio Lower Upper
105 100
120 27.7 12.8 38.3

Instrument :
MSVOA_N
ClientSampleId :
84-10

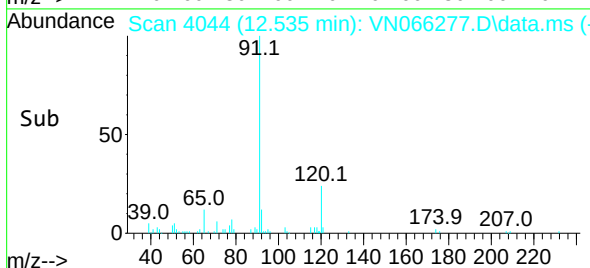
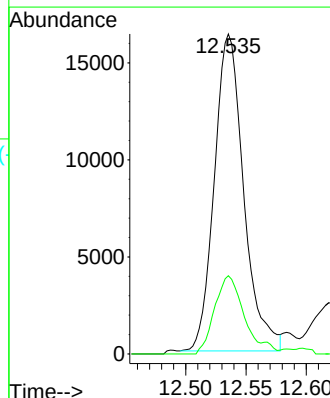
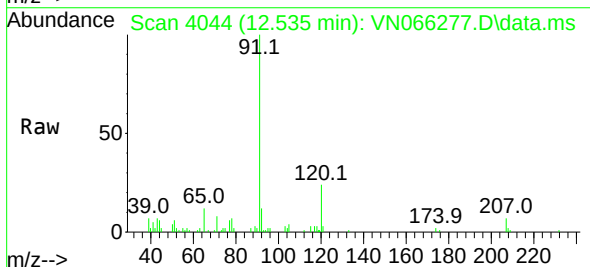
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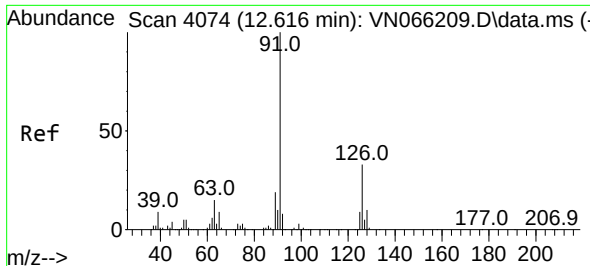
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#78
n-propylbenzene
Concen: 1.87 ug/l
RT: 12.535 min Scan# 4044
Delta R.T. 0.000 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

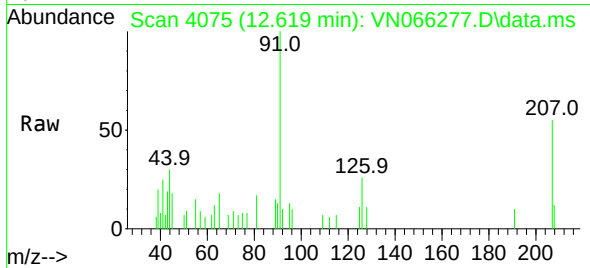
Tgt Ion: 91 Resp: 27681
Ion Ratio Lower Upper
91 100
120 25.1 10.8 32.4





#79
2-Chlorotoluene
Concen: 0.44 ug/l
RT: 12.619 min Scan# 4075
Delta R.T. 0.003 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

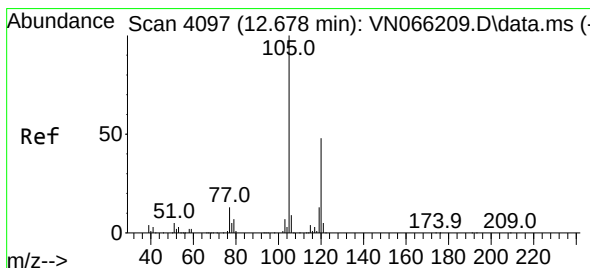
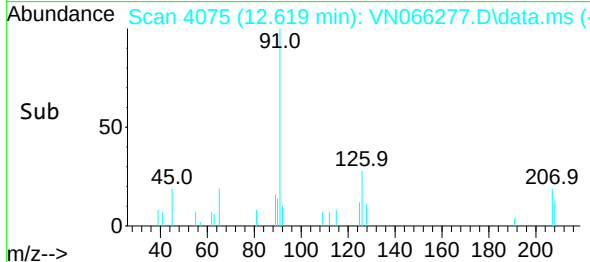
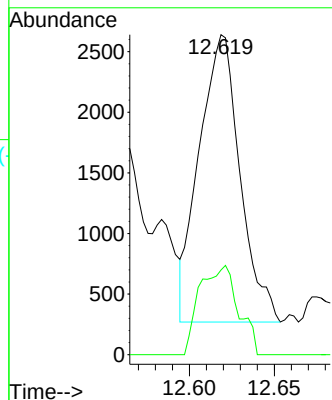
Instrument :
MSVOA_N
ClientSampled :
84-10



Tgt Ion: 91 Resp: 3953
Ion Ratio Lower Upper
91 100
126 29.5 16.3 48.8

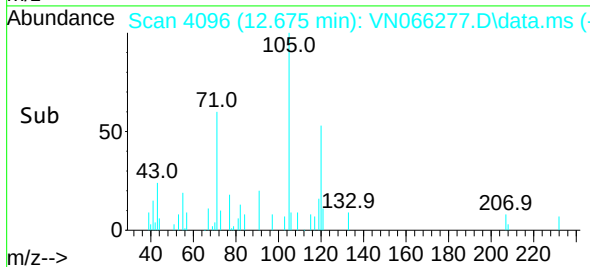
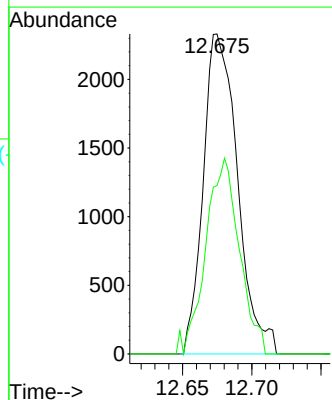
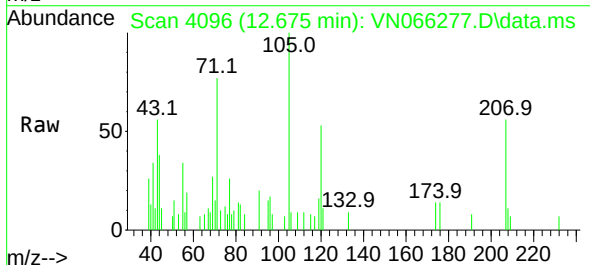
Manual Integrations
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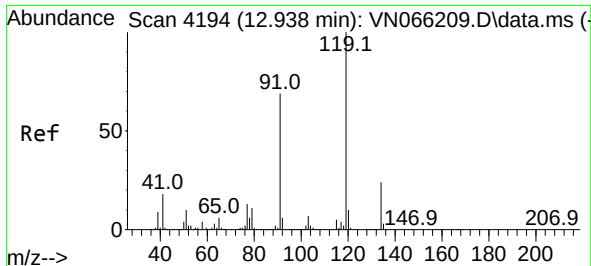
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#80
1,3,5-Trimethylbenzene
Concen: 0.38 ug/l
RT: 12.675 min Scan# 4096
Delta R.T. -0.003 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

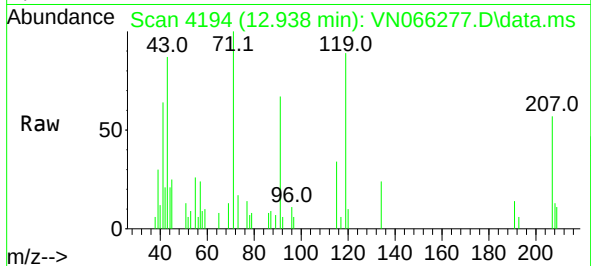
Tgt Ion: 105 Resp: 4019
Ion Ratio Lower Upper
105 100
120 59.8 23.9 71.8





#83
tert-Butylbenzene
Concen: 0.42 ug/l
RT: 12.938 min Scan# 4194
Delta R.T. -0.000 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

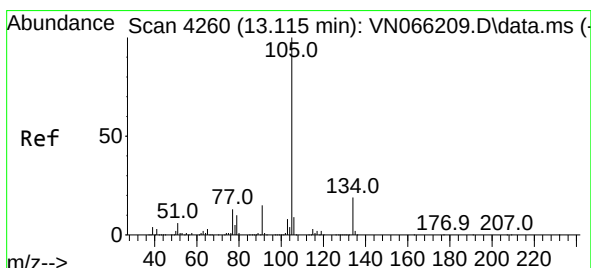
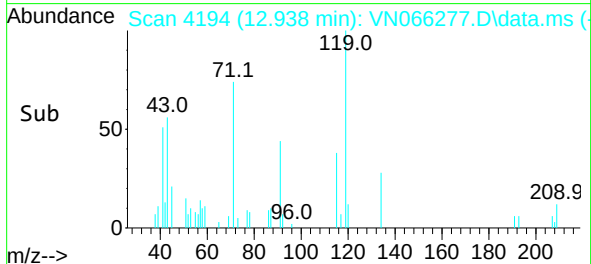
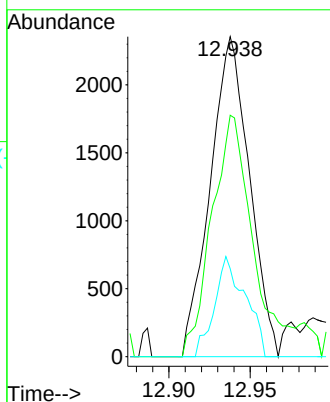
Instrument :
MSVOA_N
ClientSampled :
84-10



Tgt Ion:119 Resp: 3946
Ion Ratio Lower Upper
119 100
91 79.2 33.7 101.1
134 24.6 12.3 36.9

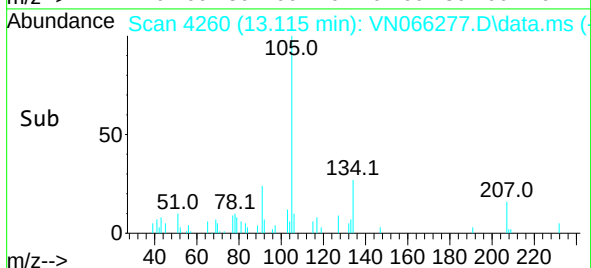
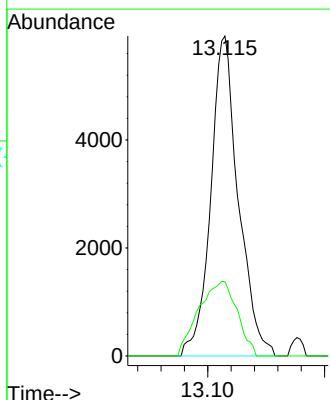
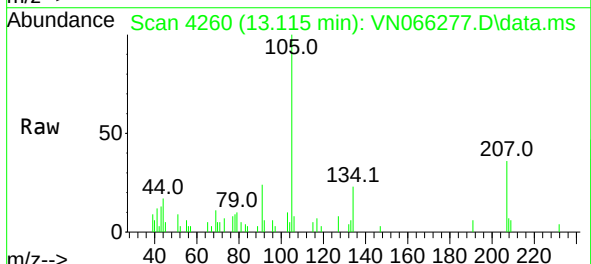
Manual Integrations
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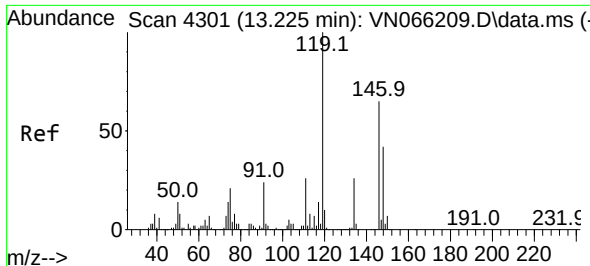
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#85
sec-Butylbenzene
Concen: 0.81 ug/l
RT: 13.115 min Scan# 4260
Delta R.T. -0.000 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

Tgt Ion:105 Resp: 9732
Ion Ratio Lower Upper
105 100
134 32.4 9.6 28.8#





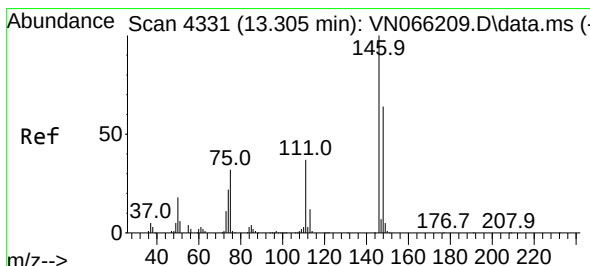
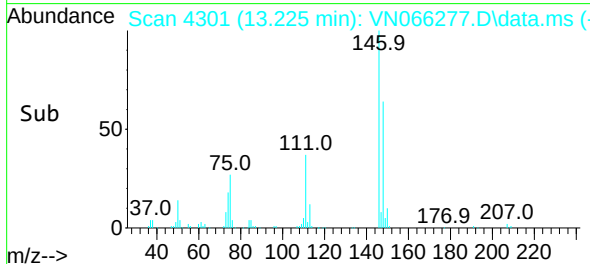
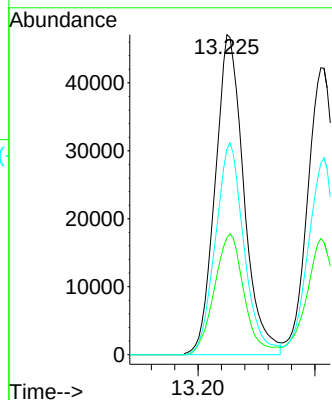
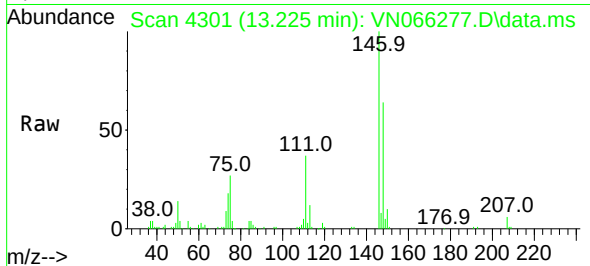
#87
1,3-Dichlorobenzene
Concen: 14.00 ug/l
RT: 13.225 min Scan# 4301
Delta R.T. -0.000 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

Tgt Ion:146 Resp: 80218
Ion Ratio Lower Upper
146 100
111 39.3 20.3 61.0
148 66.4 32.4 97.2

Instrument :
MSVOA_N
ClientSampled :
84-10

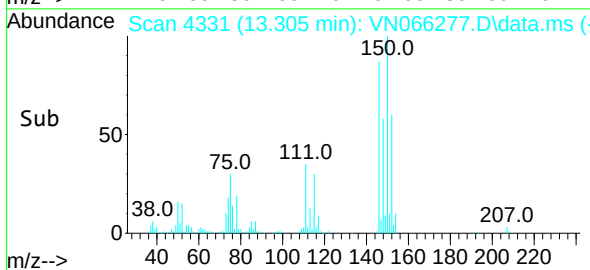
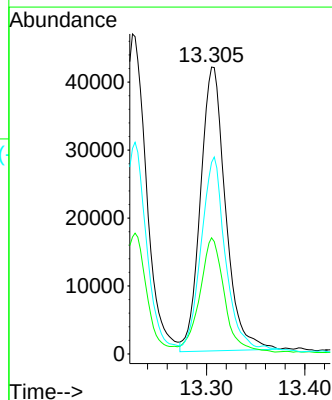
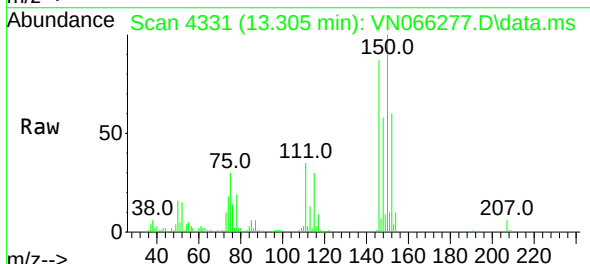
Manual Integrations
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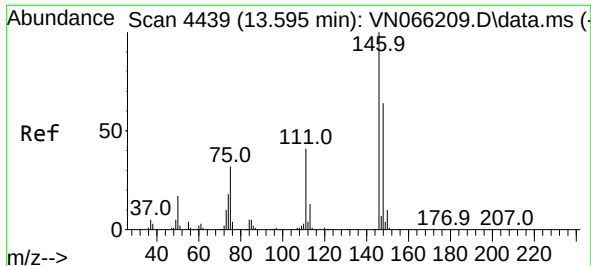
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#88
1,4-Dichlorobenzene
Concen: 12.35 ug/l
RT: 13.305 min Scan# 4331
Delta R.T. 0.000 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

Tgt Ion:146 Resp: 74119
Ion Ratio Lower Upper
146 100
111 39.8 19.9 59.7
148 63.5 33.2 99.6





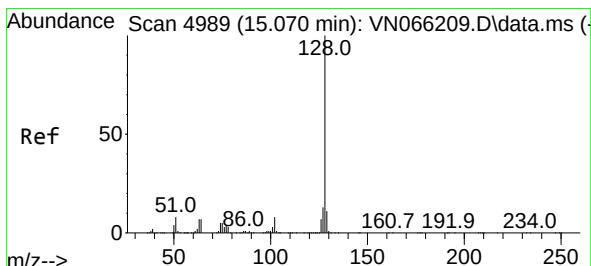
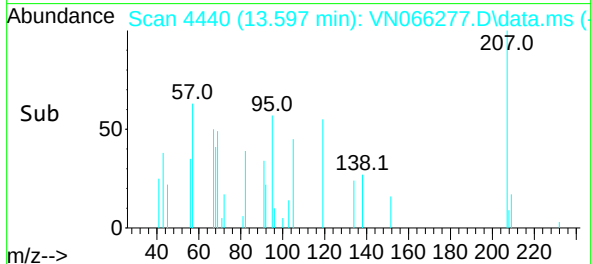
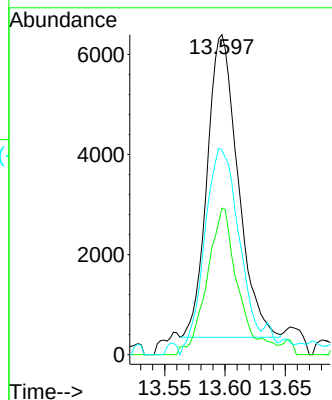
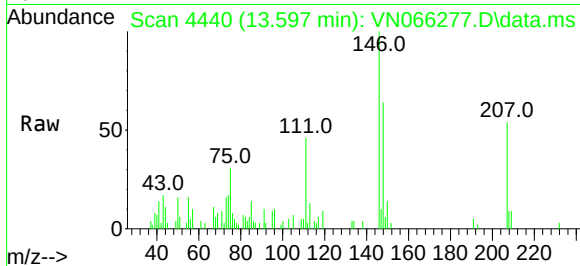
#91
1,2-Dichlorobenzene
Concen: 1.90 ug/l
RT: 13.597 min Scan# 4440
Delta R.T. 0.002 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	48.7	20.9	62.7
148	77.3	31.2	93.6

Instrument :
MSVOA_N
ClientSampleId :
84-10

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#95
Naphthalene
Concen: 2.13 ug/l
RT: 15.073 min Scan# 4990
Delta R.T. 0.003 min
Lab File: VN066277.D
Acq: 19 Mar 2021 13:59

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	6.8	8.4	12.6

