

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042820\
 Data File : VN061172.D
 Acq On : 28 Apr 2020 18:46
 Operator : JC/MD
 Sample : L2414-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ST006RW149-200422

Manual Integrations
 APPROVED

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 4/29/2020 2:58:16 PM

Quant Time: Apr 29 09:28:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	101991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	183539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	179363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	79780	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	7.55	113	55778	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	10.06	98	233346	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.38	95	88928	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.16	62	131372	88.302	ug/l	99
12) 1,1-Dichloroethene	3.70	96	2155	2.003	ug/l	93
16) Acetone	3.77	43	14197	17.611	ug/l #	83
21) trans-1,2-Dichloroethene	4.98	96	3115	2.658	ug/l	88
27) cis-1,2-Dichloroethene	6.78	96	1510157	1098.232	ug/l	89
32) 1,1,1-Trichloroethane	7.53	97	10218	4.790	ug/l	97
39) Methylcyclohexane	9.04	83	11768m	6.628	ug/l	
44) Trichloroethene	8.80	130	16780	11.340	ug/l	96
64) Tetrachloroethene	10.60	164	10726	6.905	ug/l	96
83) tert-Butylbenzene	12.97	119	6346	1.458	ug/l	92
85) sec-Butylbenzene	13.15	105	9575	1.614	ug/l #	42
89) n-Butylbenzene	13.59	91	1185	0.242	ug/l #	71

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

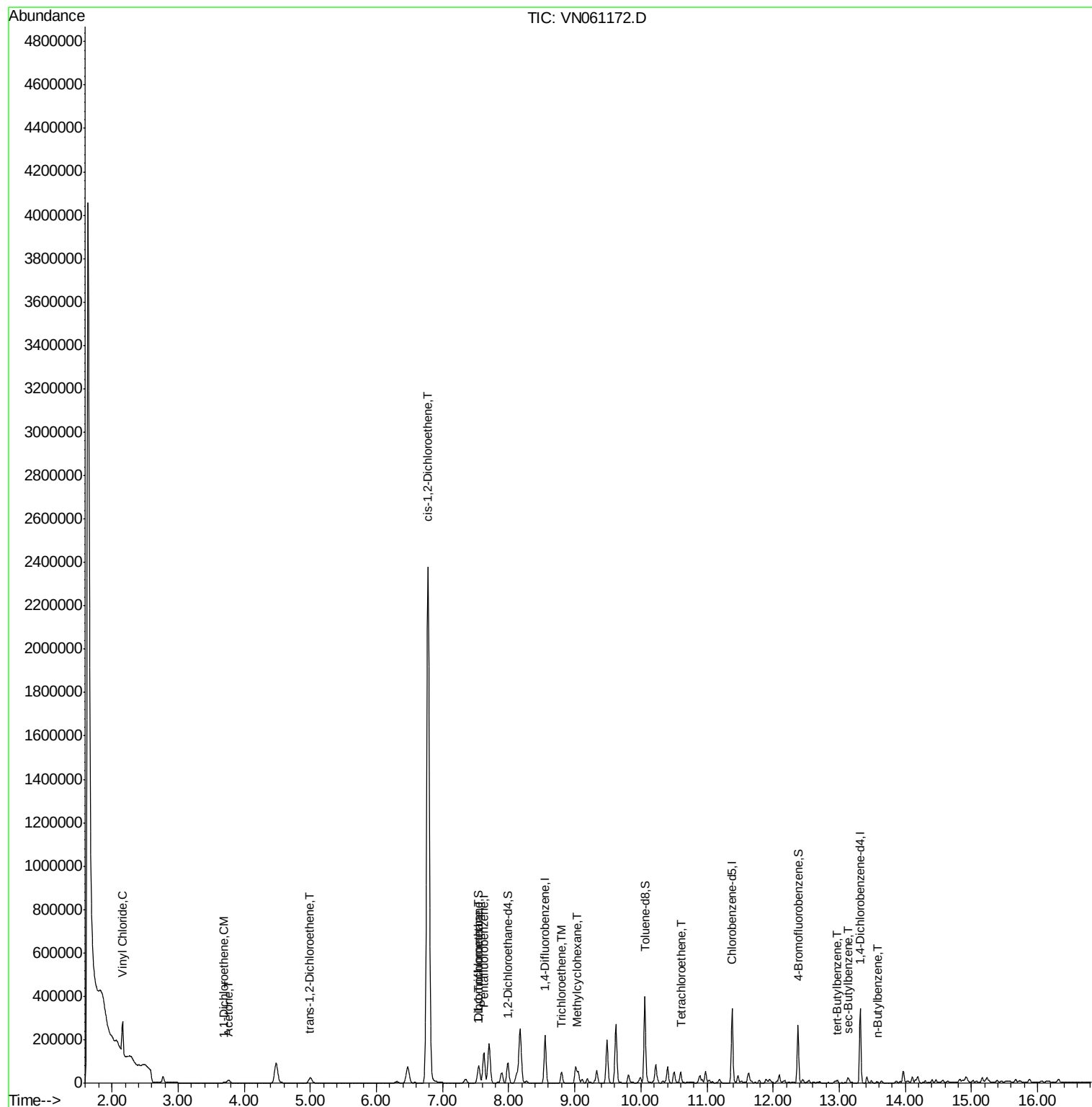
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042820\
Data File : VN061172.D
Acq On : 28 Apr 2020 18:46
Operator : JC/MD
Sample : L2414-06
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ALS Vial : 17 Sample Multiplier: 1

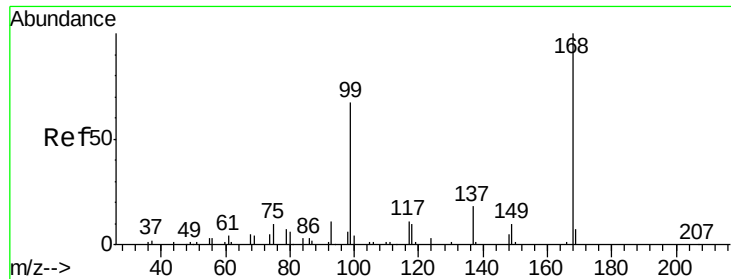
Instrument :
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Quant Title : SW846 8260
QLast Update : Tue Apr 28 02:20:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 168 Resp: 101991

Ion Ratio Lower Upper

168 100

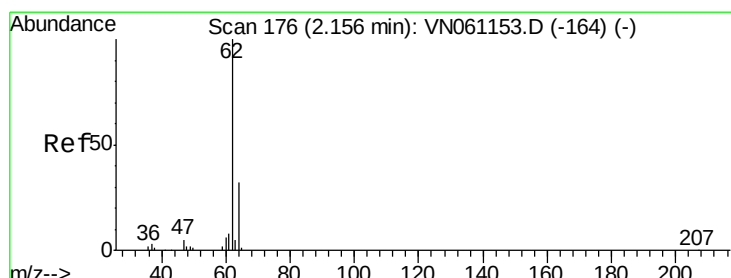
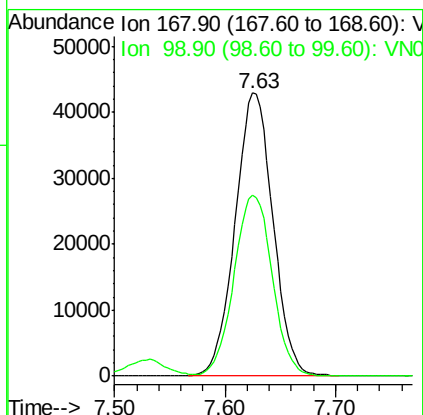
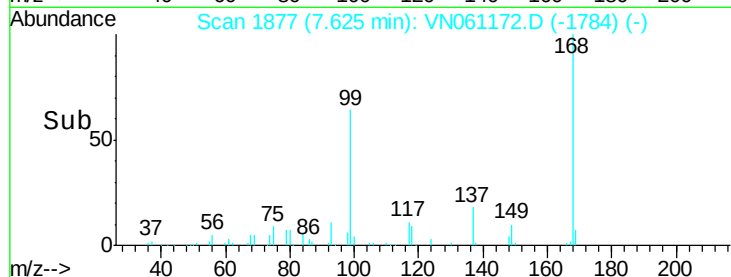
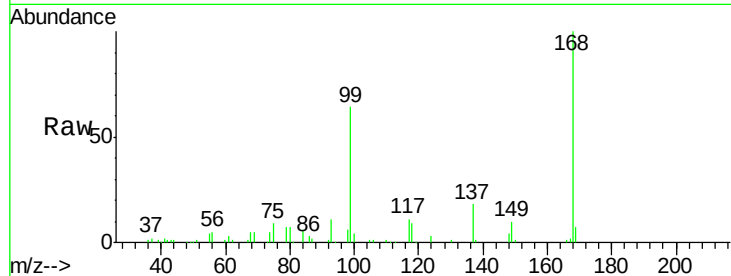
99 63.6 51.2 76.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 88.302 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061172.D

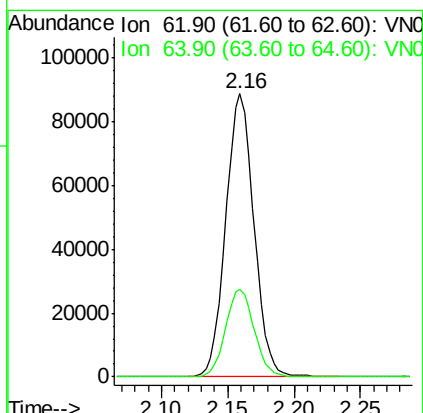
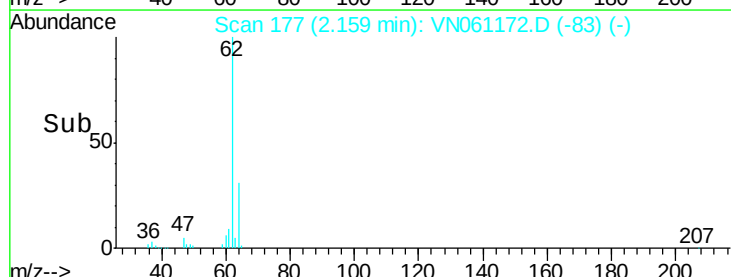
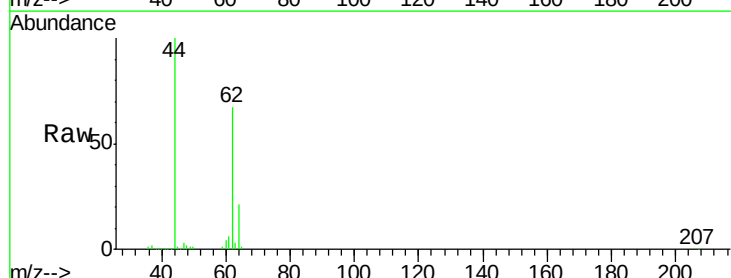
Acq: 28 Apr 2020 18:46

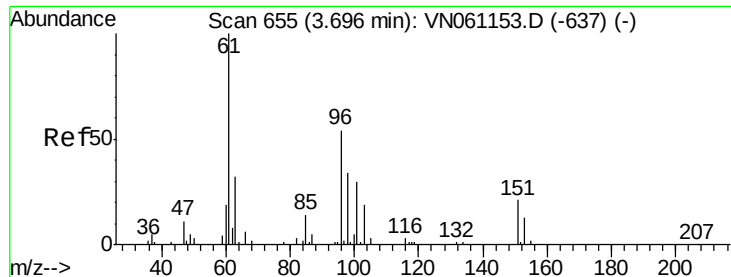
Tgt Ion: 62 Resp: 131372

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#12

1,1-Dichloroethene

Concen: 2.003 ug/l

RT: 3.70 min Scan# 655

Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

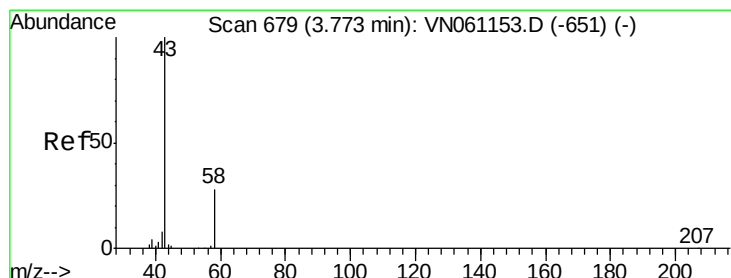
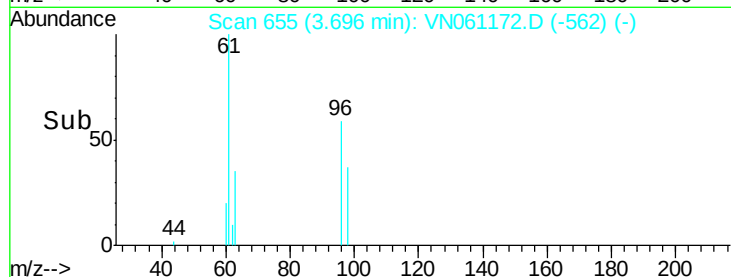
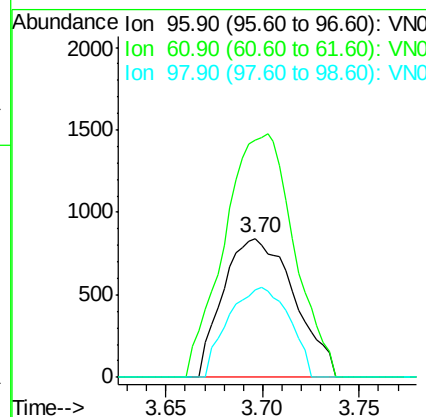
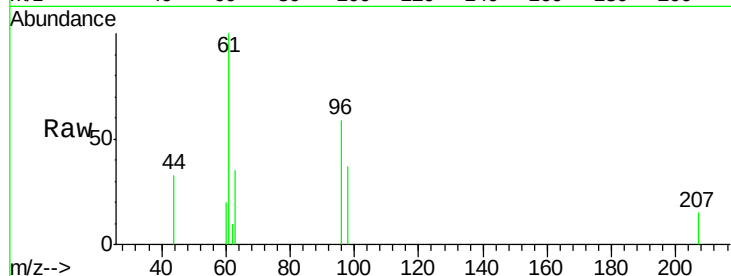
ClientSampleId :

ST006RW149-200422

Tot Ion:	96	Resp:	2155
Ion	Ratio	Lower	Upper
96	100		
61	170.3	147.0	220.6
98	63.2	49.8	74.6

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#16

Acetone

Concen: 17.611 ug/l

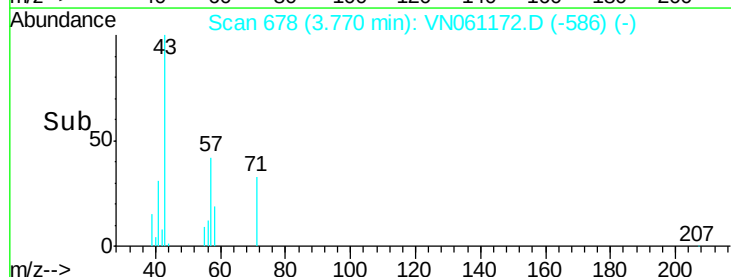
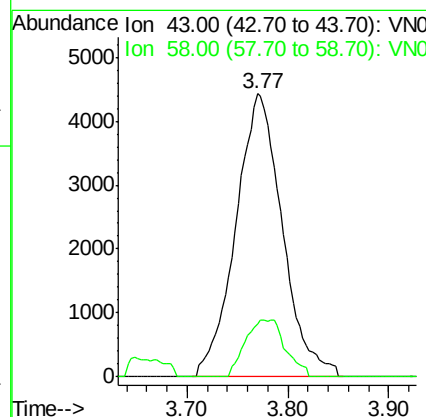
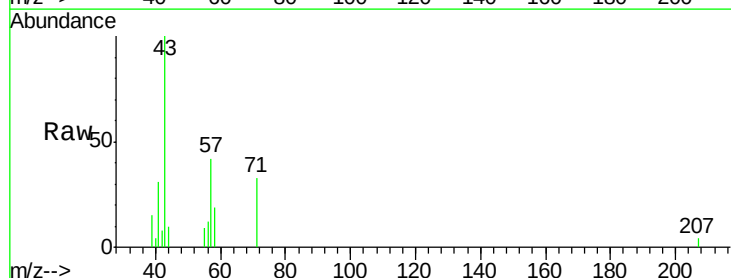
RT: 3.77 min Scan# 678

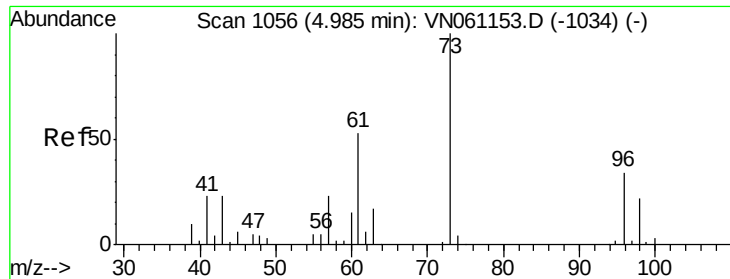
Delta R.T. -0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Tgt Ion:	43	Resp:	14197
Ion	Ratio	Lower	Upper
43	100		
58	18.9	22.2	33.2#





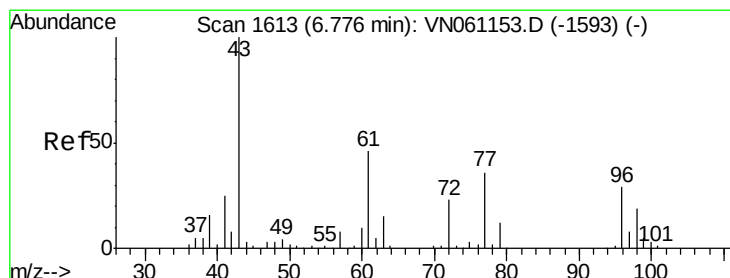
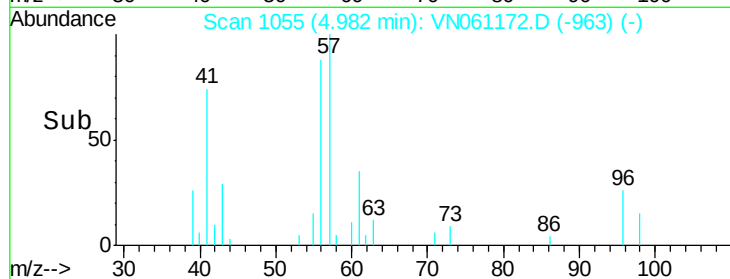
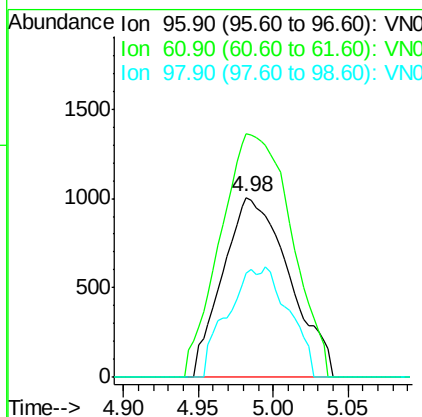
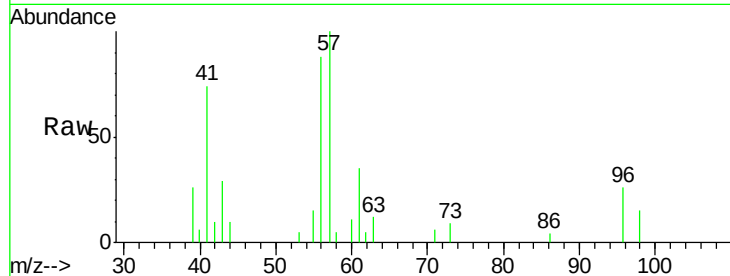
#21
trans-1,2-Dichloroethene
Concen: 2.658 ug/l
RT: 4.98 min Scan# 1055
Delta R.T. -0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
96	100		
61	135.4	123.0	184.4
98	58.2	50.1	75.1

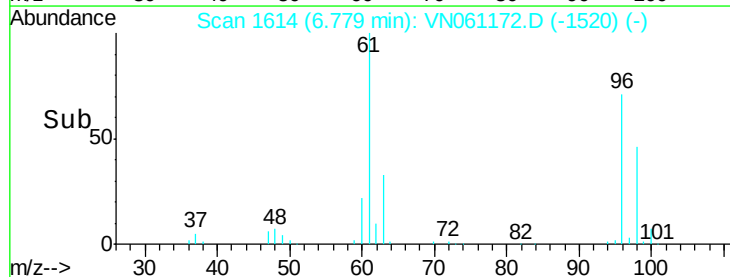
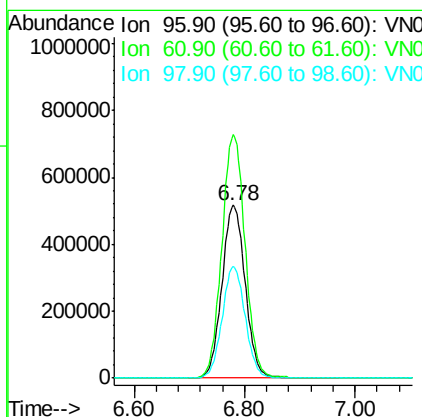
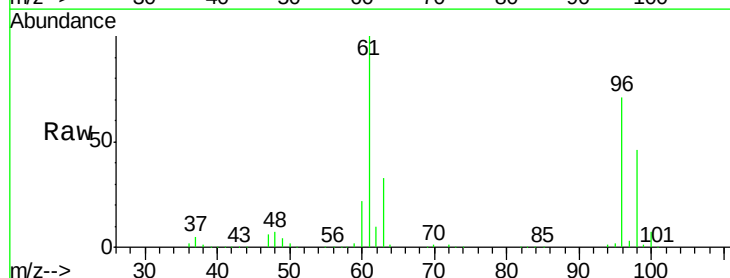
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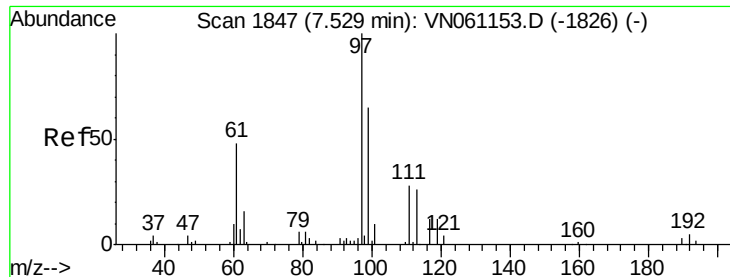
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#27
cis-1,2-Dichloroethene
Concen: 1098.232 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	322.0
98	64.2	0.0	129.6





#32

1,1,1-Trichloroethane

Concen: 4.790 ug/l

RT: 7.53 min Scan# 1847

Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

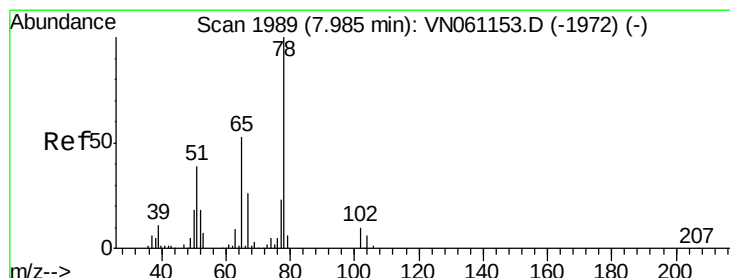
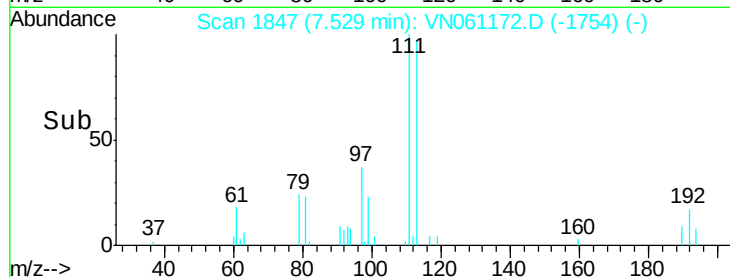
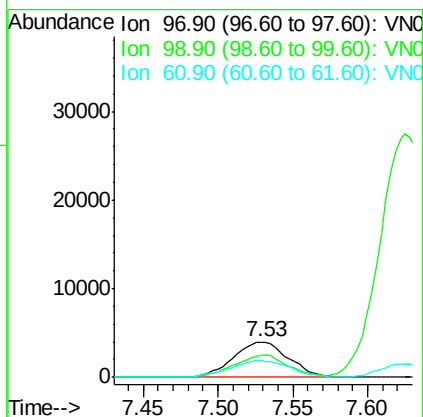
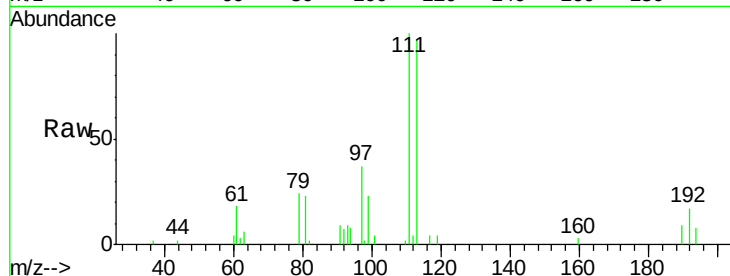
ClientSampleId :

ST006RW149-200422

Tot Ion:	97	Resp:	10218
Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.3	76.9
61	51.5	38.6	57.8

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#33

1,2-Dichloroethane-d4

Concen: 49.436 ug/l

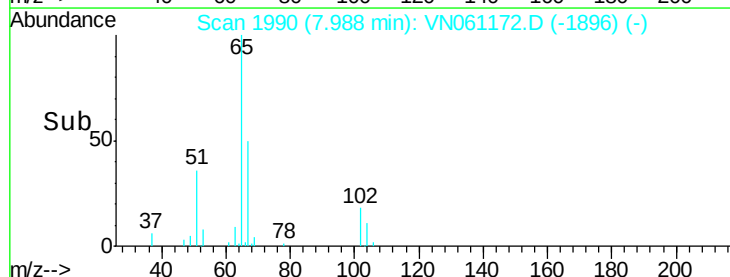
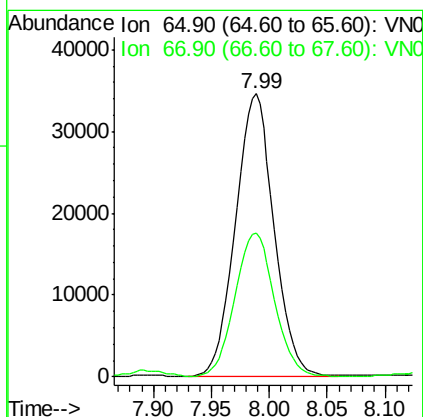
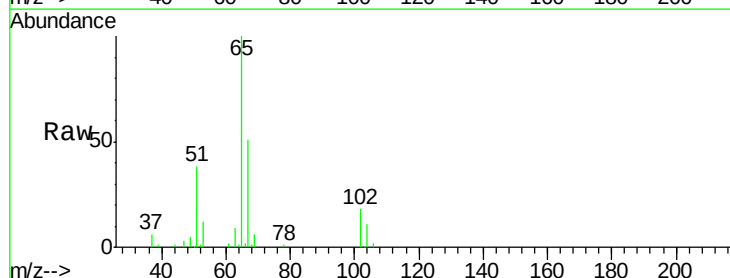
RT: 7.99 min Scan# 1990

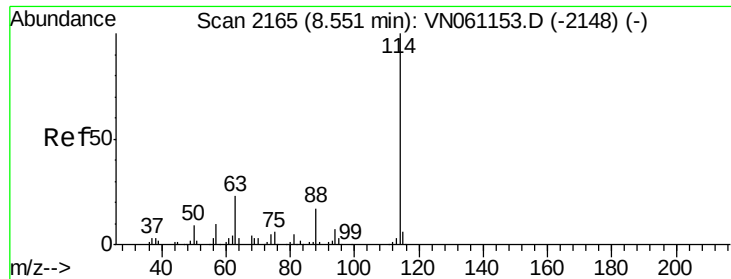
Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Tgt Ion:	65	Resp:	79780
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	101.6





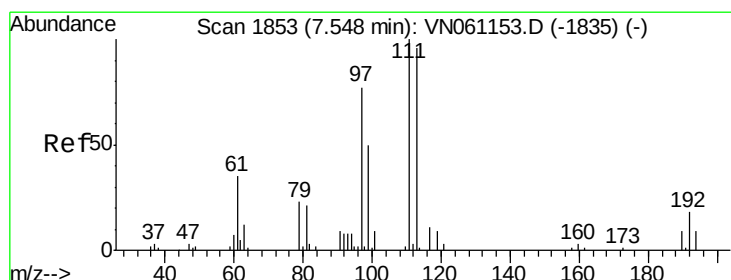
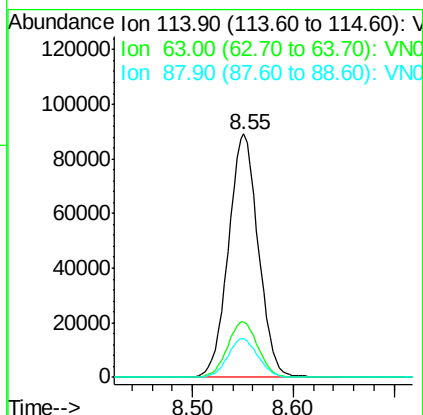
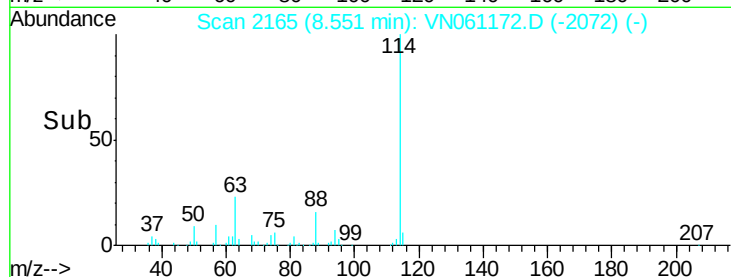
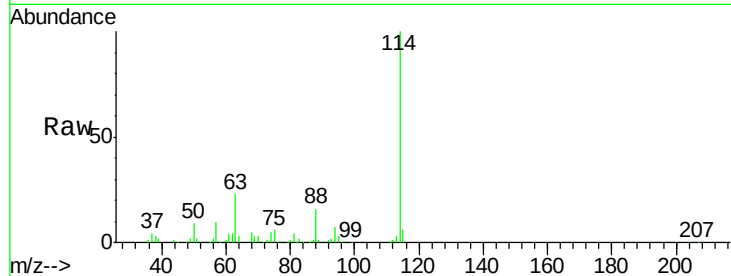
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

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Tot Ion	Ratio	Resp	Lower	Upper
114	100	183539		
63	22.8		0.0	46.6
88	15.9		0.0	33.4

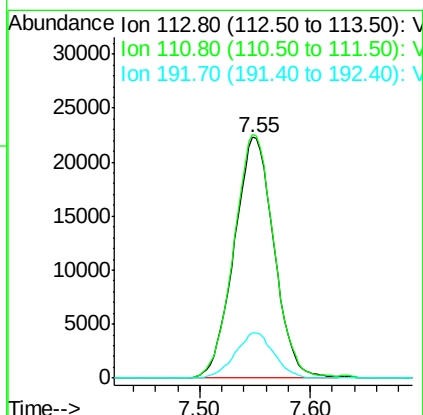
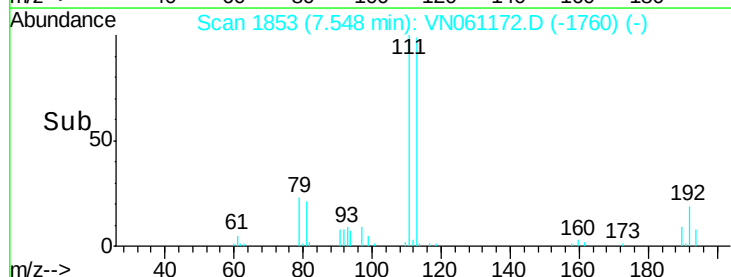
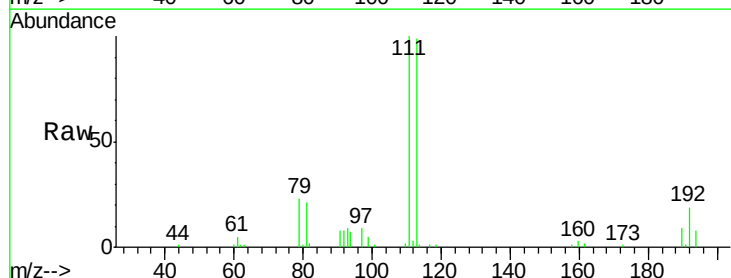
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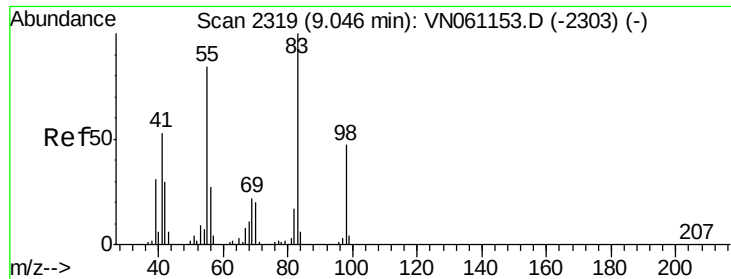
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#35
 Dibromofluoromethane
 Concen: 51.394 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061172.D
 Acq: 28 Apr 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	55778		
111	101.9		82.9	124.3
192	18.1		14.7	22.1





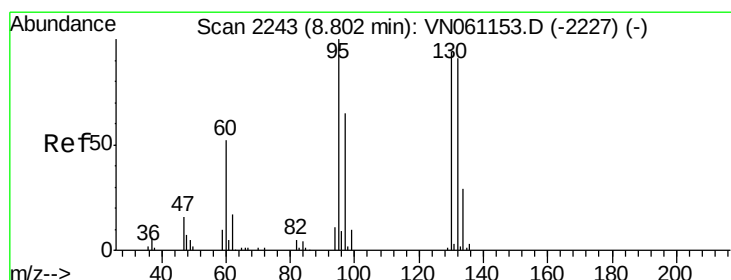
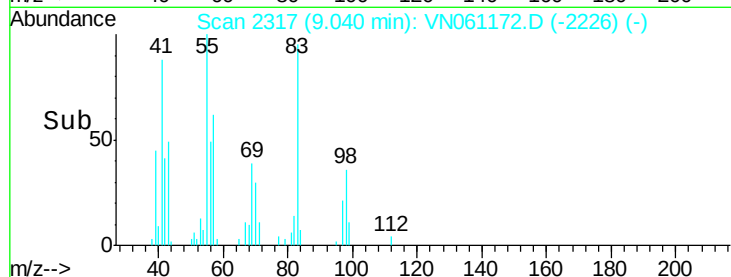
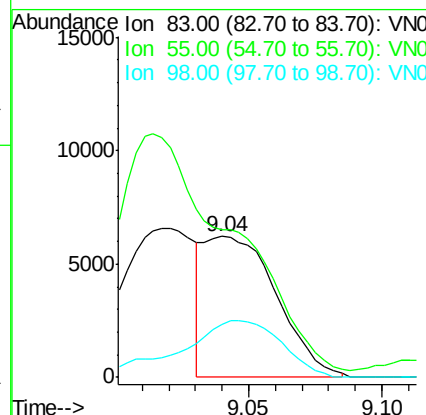
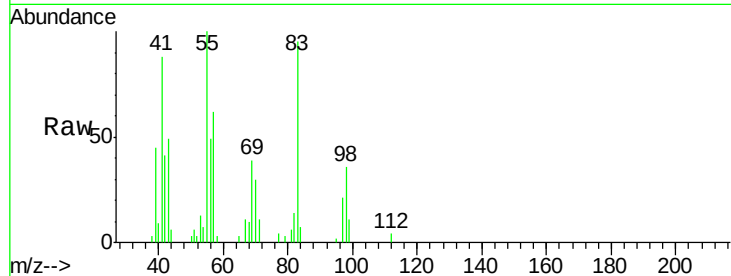
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Methylvlcyclohexane
Concen: 6.628 ug/l m
RT: 9.04 min Scan# 2317
Delta R.T. -0.01 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Instrument :
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ClientSampleId :
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Tot Ion	83	Resp	11768
Ion Ratio	Lower	Upper	
83	100		
55	105.0	67.3	100.9#
98	37.7	37.7	56.5

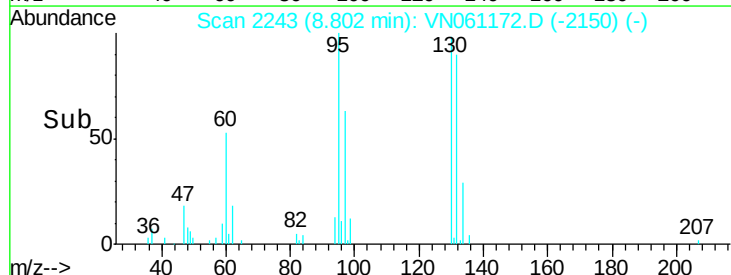
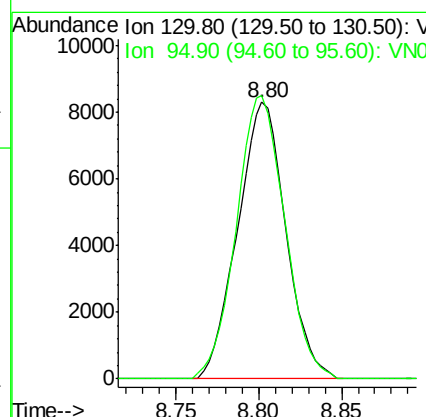
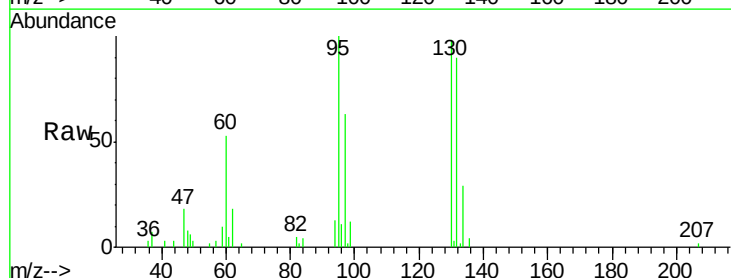
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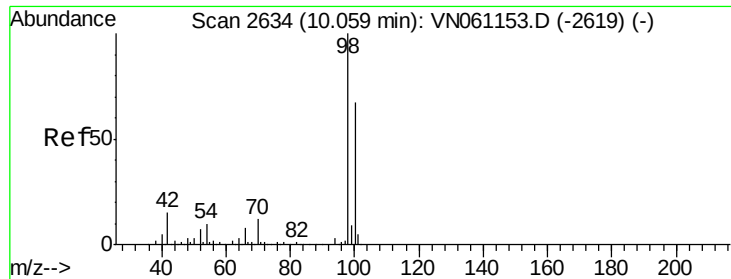
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#44
Trichloroethene
Concen: 11.340 ug/l
RT: 8.80 min Scan# 2243
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Tgt Ion	130	Resp	16780
Ion Ratio	Lower	Upper	
130	100		
95	102.4	0.0	212.4





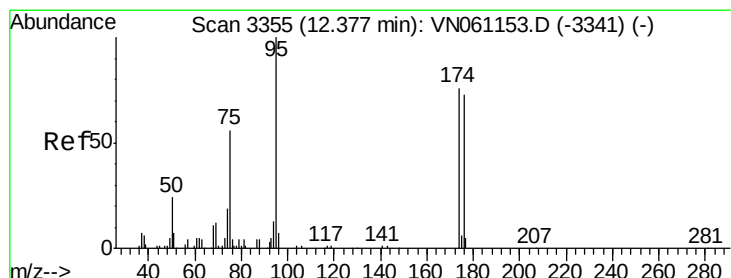
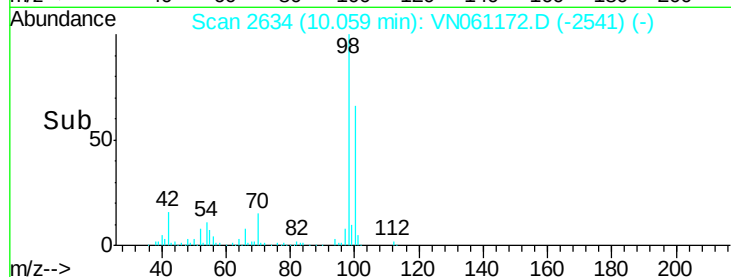
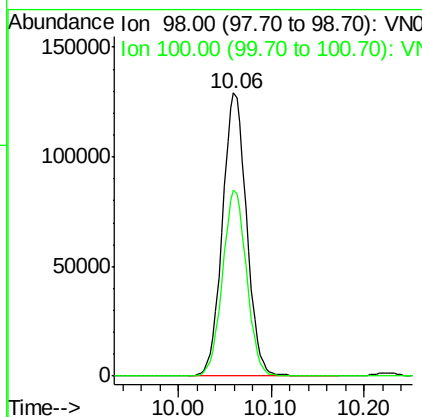
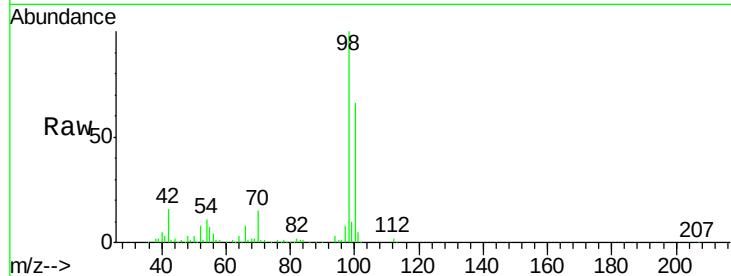
#50
Toluene-d8
Concen: 52.742 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
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Tot Ion: 98 Resp: 233346
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.0

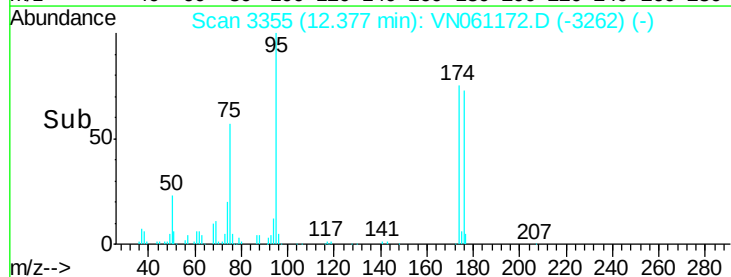
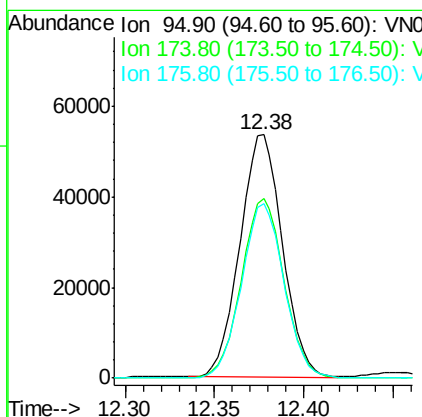
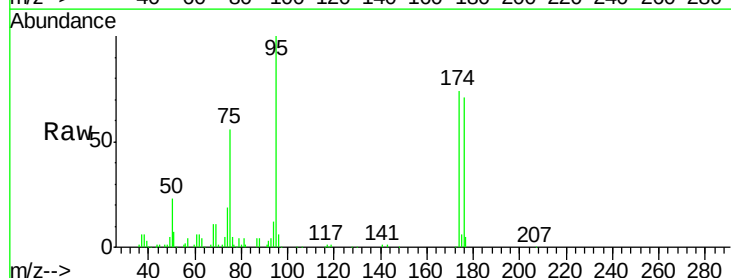
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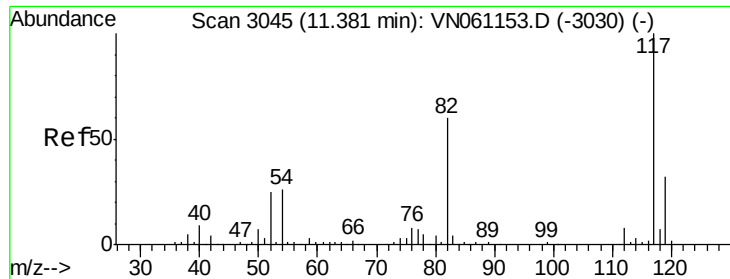
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#62
4-Bromofluorobenzene
Concen: 53.412 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Tgt Ion: 95 Resp: 88928
Ion Ratio Lower Upper
95 100
174 74.5 0.0 149.4
176 71.9 0.0 144.8





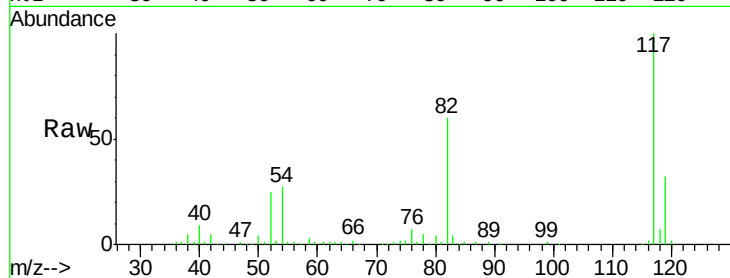
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Instrument :
MSVOA_N
ClientSampleId :
ST006RW149-200422

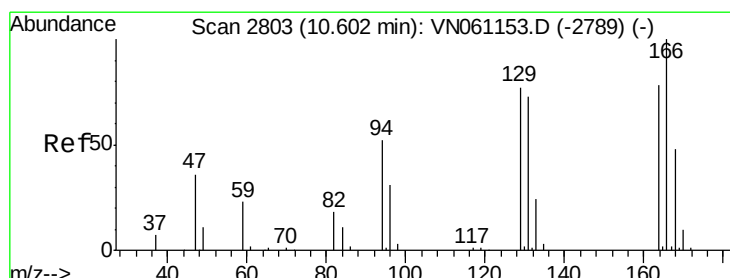
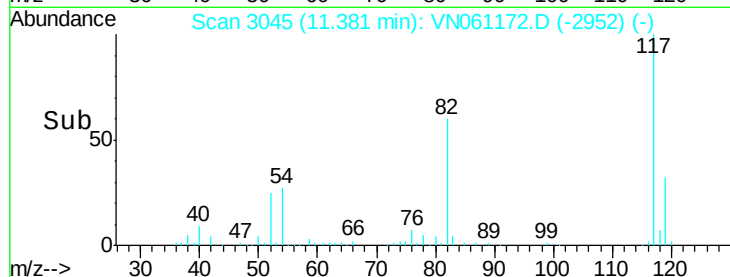
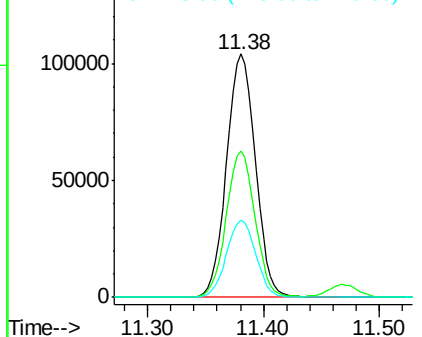
Tot Ion	Ratio	Resp	Lower	Upper
117	100	179363		
82	60.1	47.8	71.8	
119	31.7	25.8	38.6	

Manual Integrations
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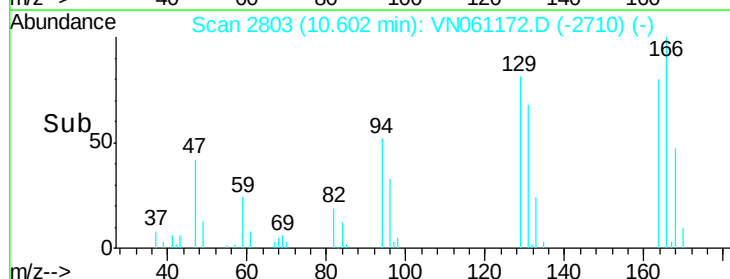
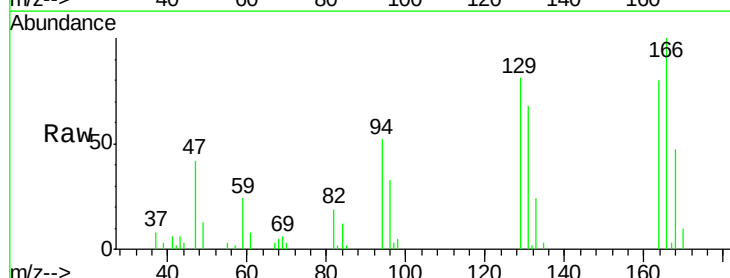
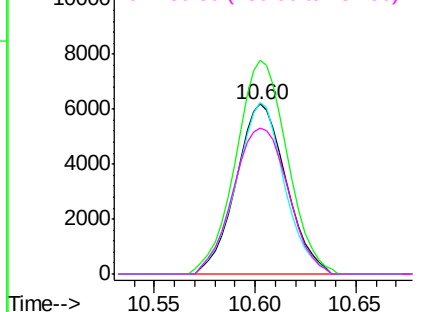
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

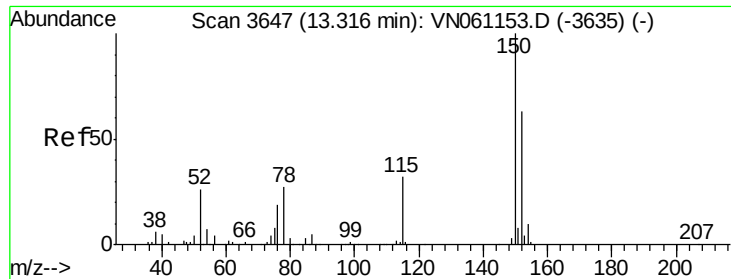


#64
Tetrachloroethene
Concen: 6.905 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061172.D
Acq: 28 Apr 2020 18:46

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	10726		
166	125.6	102.0	153.0	
129	101.2	78.2	117.2	
131	85.7	74.5	111.7	

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422

Tot Ion:152 Resp: 84824

Ion Ratio Lower Upper

152 100

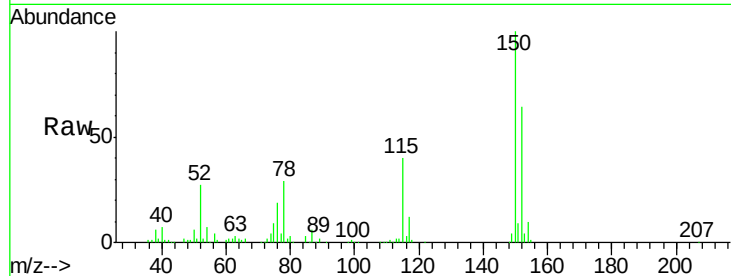
115 61.9 31.0 93.0

150 155.8 0.0 351.8

Manual Integrations
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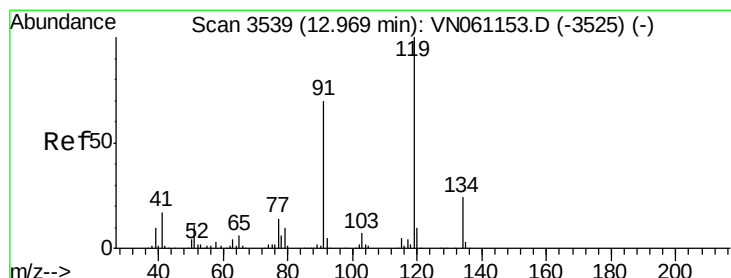
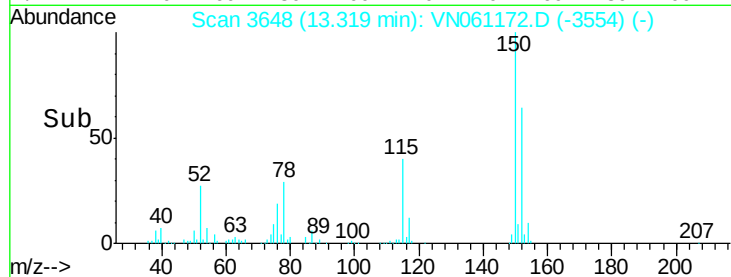
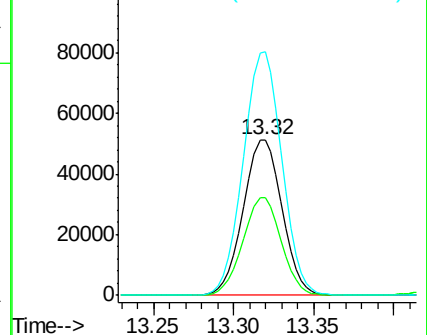
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#83

tert-Butylbenzene

Concen: 1.458 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

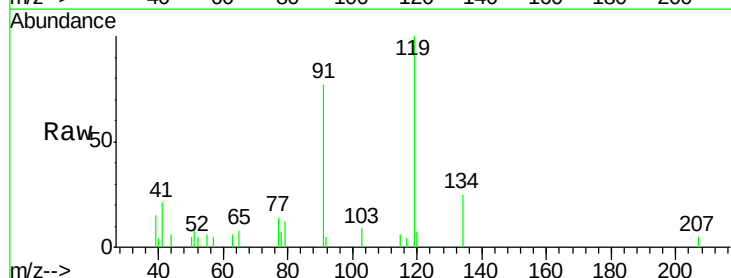
Tgt Ion:119 Resp: 6346

Ion Ratio Lower Upper

119 100

91 77.2 34.8 104.4

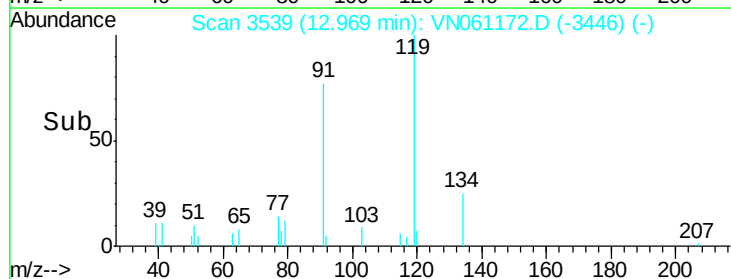
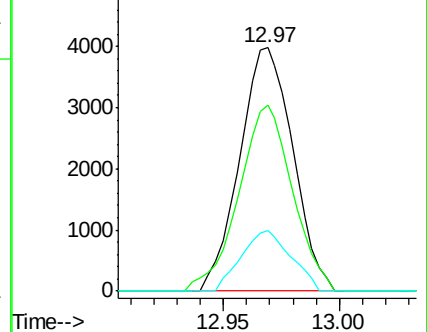
134 23.2 12.9 38.7

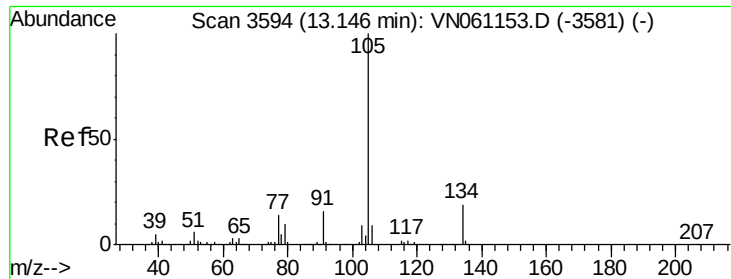


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 1.614 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

Instrument :

MSVOA_N

ClientSampleId :

ST006RW149-200422

Tot Ion:105 Resp: 9575

Ion Ratio Lower Upper

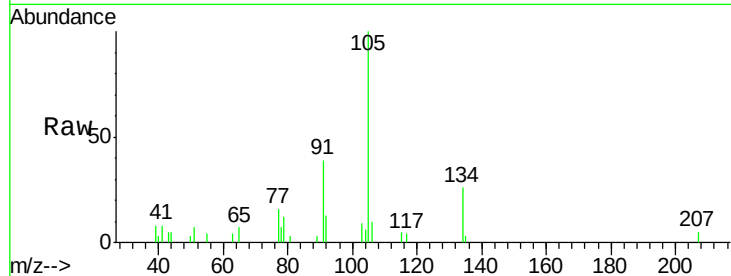
105 100

134 45.3 9.6 28.8#

Manual Integrations
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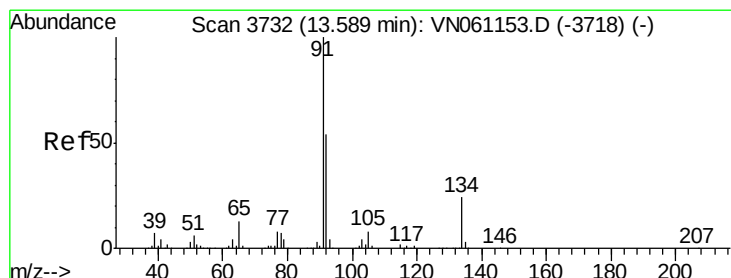
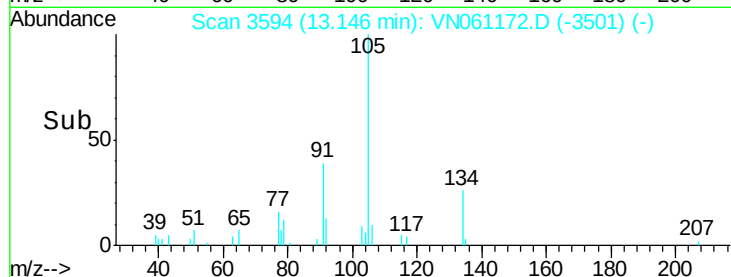
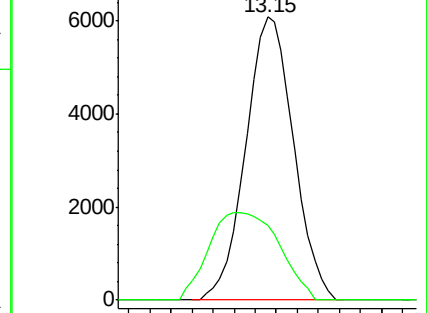
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.242 ug/l

RT: 13.59 min Scan# 3731

Delta R.T. -0.00 min

Lab File: VN061172.D

Acq: 28 Apr 2020 18:46

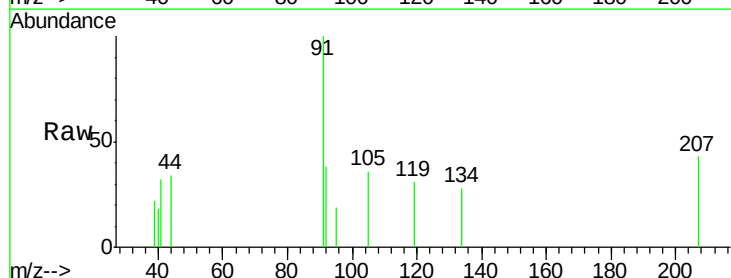
Tgt Ion: 91 Resp: 1185

Ion Ratio Lower Upper

91 100

92 39.3 26.8 80.3

134 0.0 11.9 35.5#



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V

