

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061448.D
 Acq On : 18 May 2020 20:34
 Operator : JC/MD
 Sample : L2665-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

Manual Integrations
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 5/19/2020 4:24:52 PM

Quant Time: May 19 04:41:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	274502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	508019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	228401	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	199973	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	7.54	113	20640	7.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	15.52%	
50) Toluene-d8	10.06	98	652794	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
62) 4-Bromofluorobenzene	12.38	95	251636	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	

Target Compounds

					Qvalue
11) Tert butyl alcohol	4.73	59	5663m	11.997	ug/l
16) Acetone	3.78	43	37606	25.611	ug/l
19) Methyl tert-butyl Ether	4.99	73	13218	1.238	ug/l #
20) Methylene Chloride	4.50	84	5156	1.531	ug/l
25) 2-Butanone	6.80	43	12733	6.826	ug/l
39) Methylcyclohexane	9.05	83	20596	3.550	ug/l
67) Ethyl Benzene	11.48	91	33605	1.790	ug/l
68) m/p-Xylenes	11.59	106	12684	1.780	ug/l
69) o-Xylene	11.92	106	13276	1.925	ug/l
73) Isopropylbenzene	12.22	105	19282	1.052	ug/l
80) 1,3,5-Trimethylbenzene	12.71	105	24623	1.640	ug/l
84) 1,2,4-Trimethylbenzene	13.01	105	75622	5.033	ug/l
95) Naphthalene	15.10	128	87980	7.306	ug/l

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

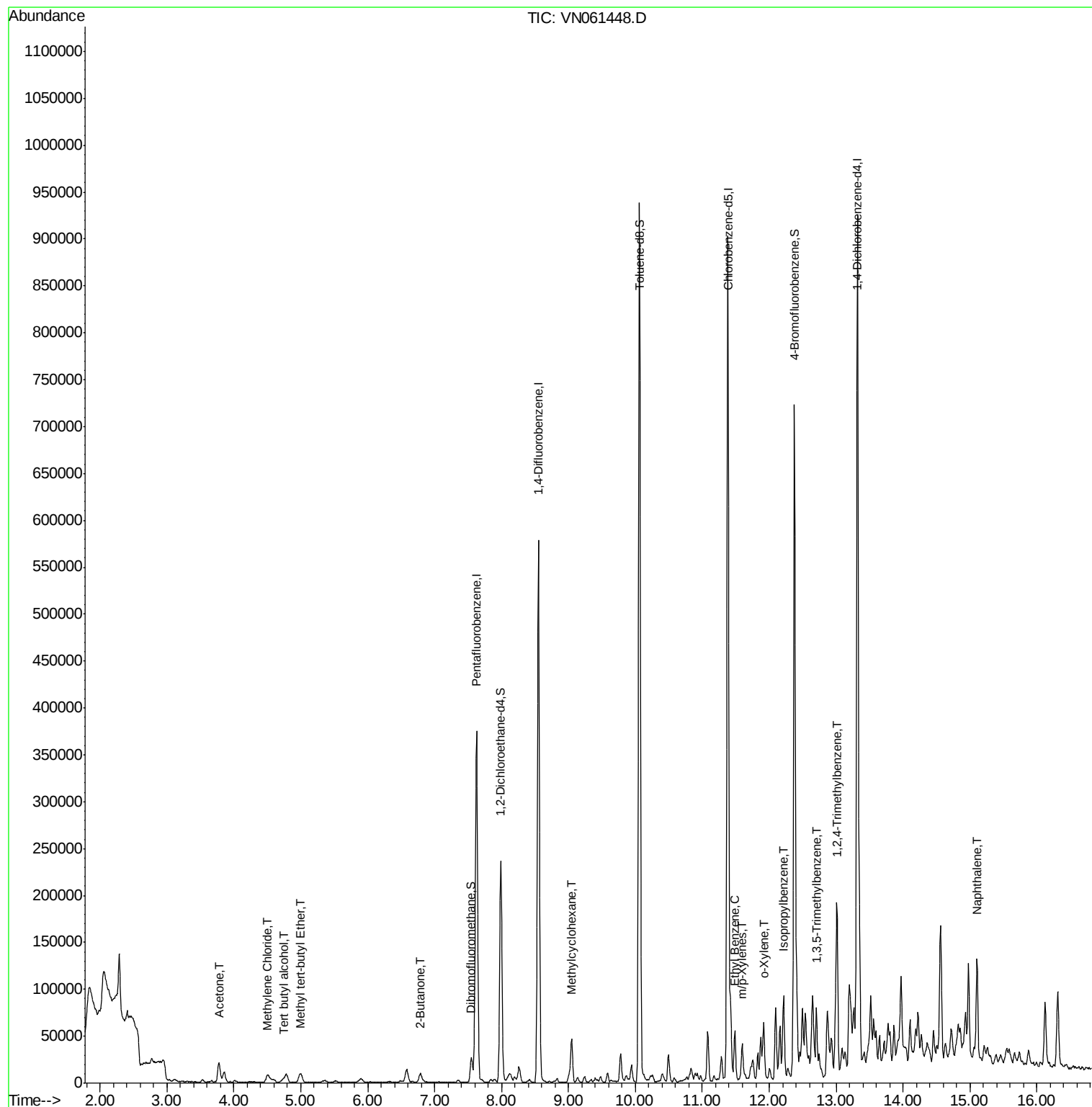
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051820\
Data File : VN061448.D
Acq On : 18 May 2020 20:34
Operator : JC/MD
Sample : L2665-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

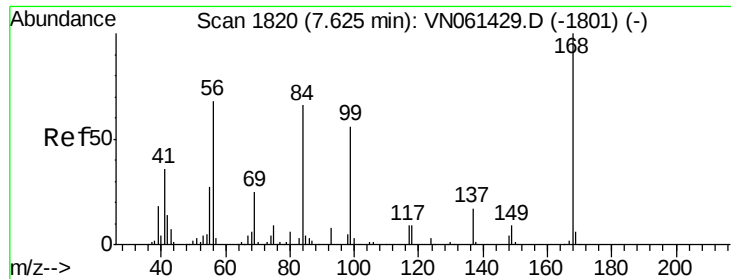
Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

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Quant Time: May 19 04:41:42 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

Tot Ion:168 Resp: 274502

Ion Ratio Lower Upper

168 100

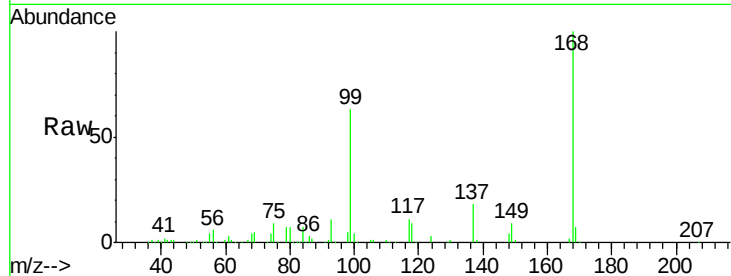
99 62.8 51.1 76.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

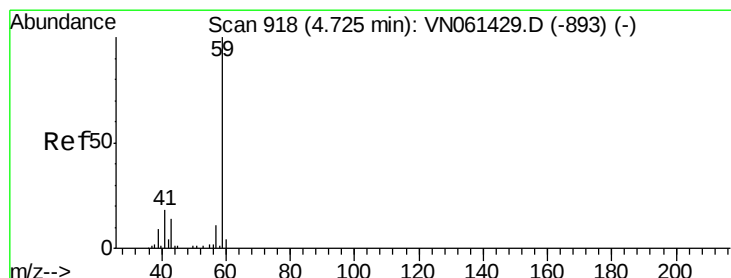
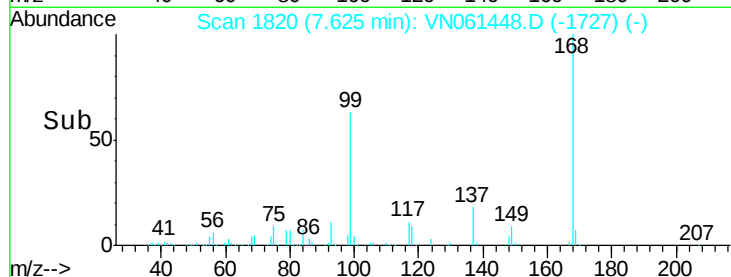
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#11

Tert butyl alcohol

Concen: 11.997 ug/l m

RT: 4.73 min Scan# 921

Delta R.T. 0.01 min

Lab File: VN061448.D

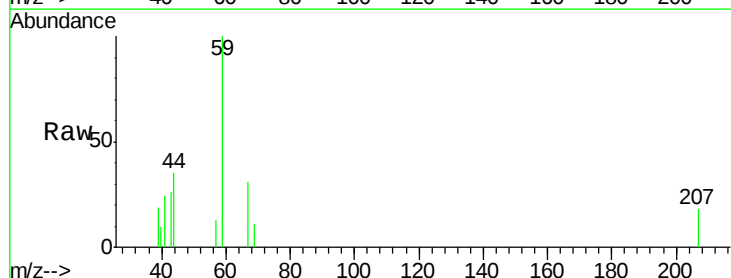
Acq: 18 May 2020 20:34

Tgt Ion: 59 Resp: 5663

Ion Ratio Lower Upper

59 100

57 8.7 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.73

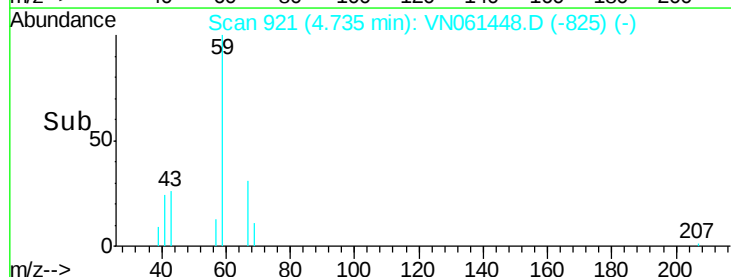
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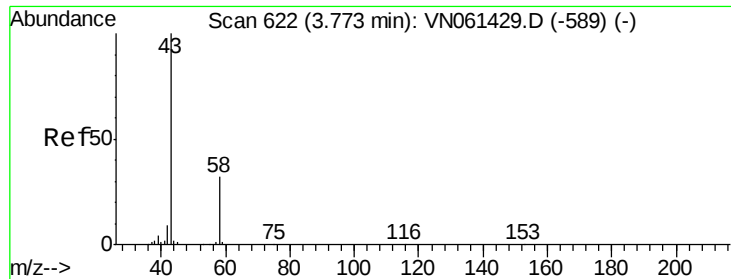
1000

500

0

Time--> 4.65 4.70 4.75 4.80





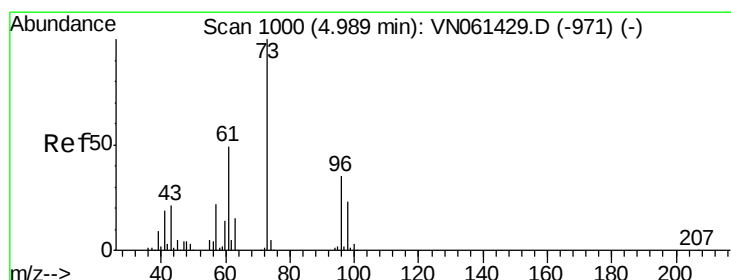
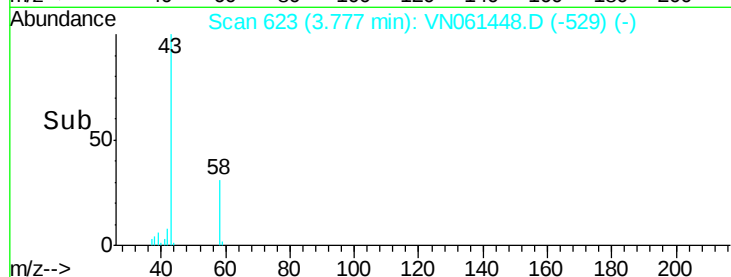
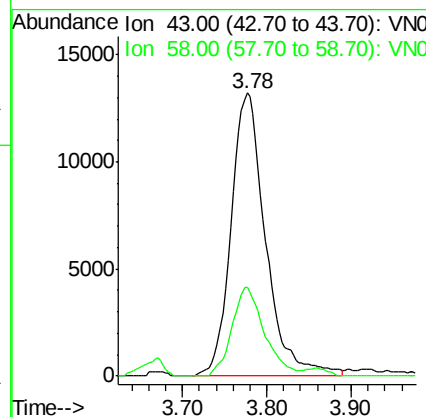
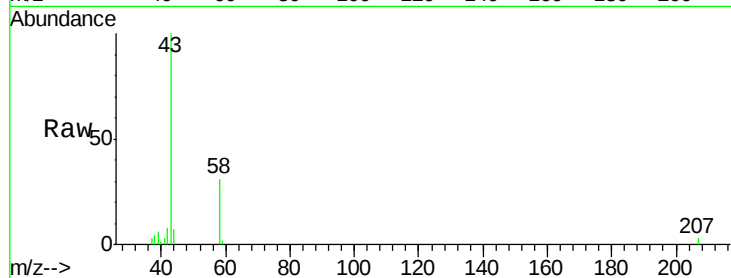
#16
Acetone
Concen: 25.611 ug/l
RT: 3.78 min Scan# 623
Delta R.T. 0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

Tot Ion	43	Resp	37606
Ion Ratio	100	Lower	Upper
43	100		
58	31.4	25.6	38.4

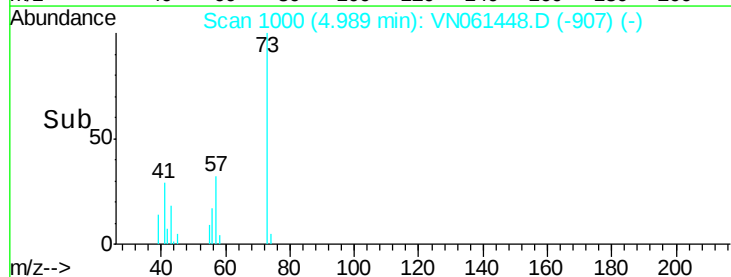
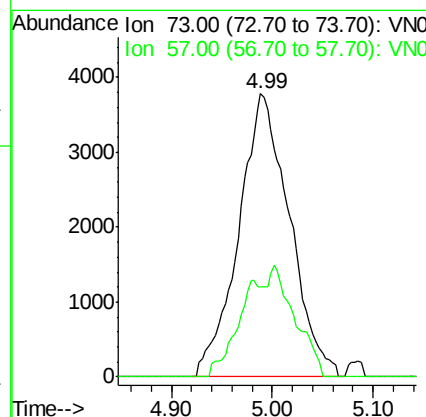
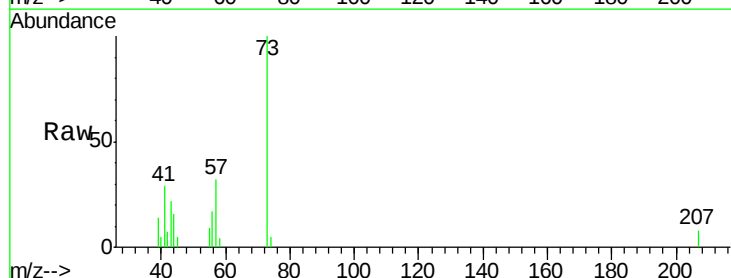
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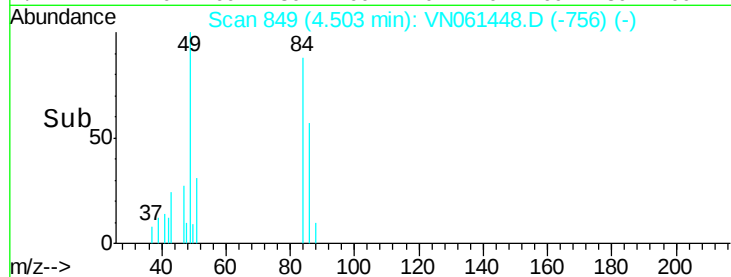
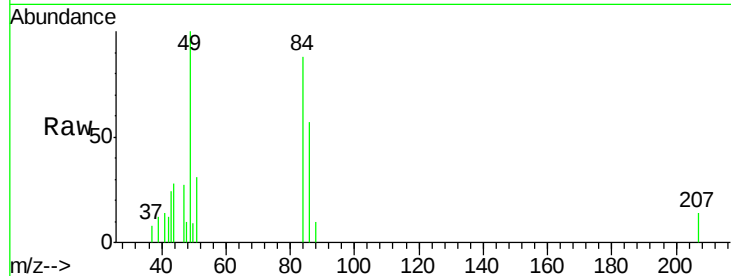
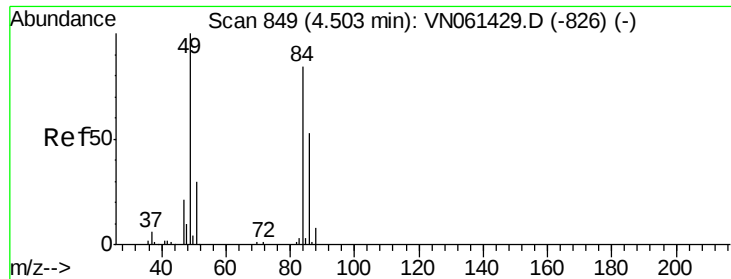
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#19
Methyl tert-butyl Ether
Concen: 1.238 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion	73	Resp	13218
Ion Ratio	100	Lower	Upper
73	100		
57	31.9	17.4	26.0#





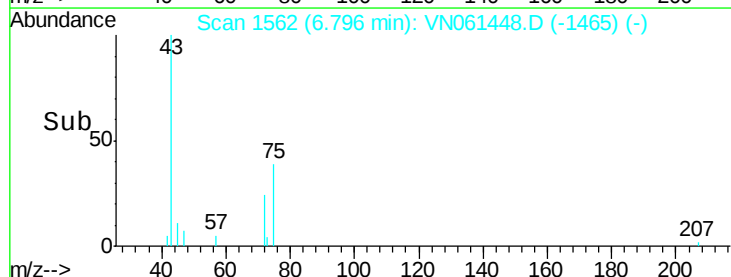
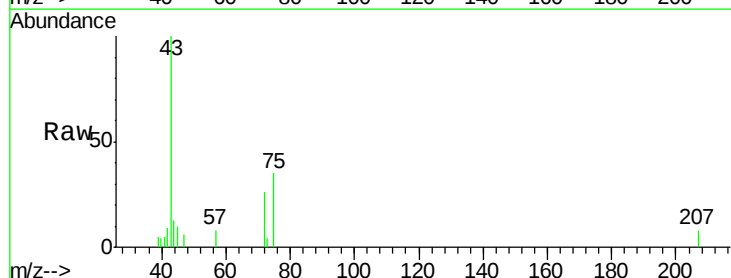
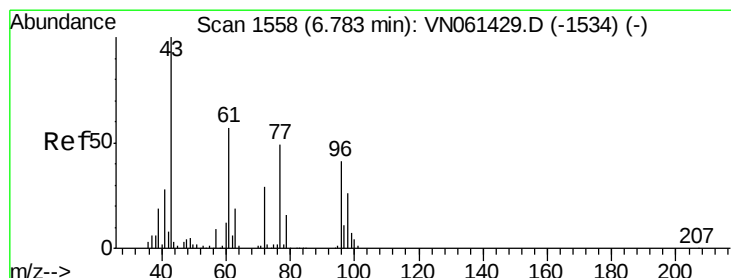
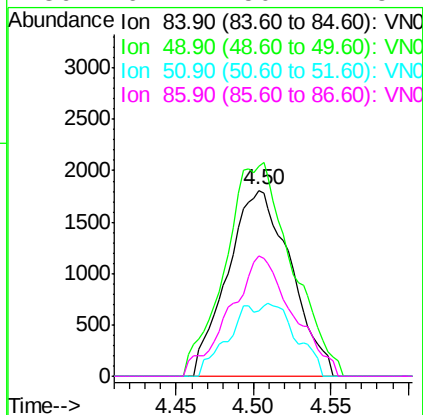
#20
Methvlene Chloride
Concen: 1.531 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tot Ion:	84	Resp:	5156
Ion	Ratio	Lower	Upper
84	100		
49	104.6	95.3	142.9
51	35.0	29.0	43.6
86	64.7	50.2	75.2

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

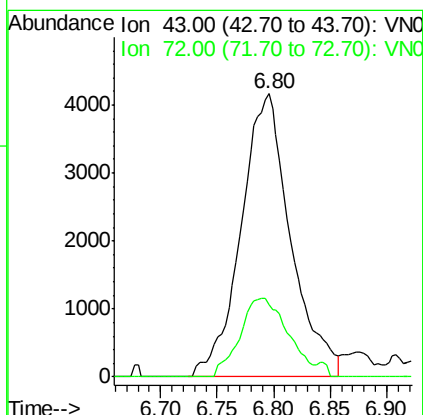
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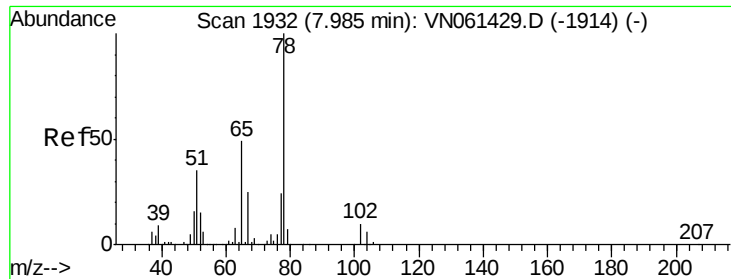
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#25
2-Butanone
Concen: 6.826 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.01 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion:	43	Resp:	12733
Ion	Ratio	Lower	Upper
43	100		
72	25.7	23.0	34.6





#33

1,2-Dichloroethane-d4

Concen: 48.812 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 65 Resp: 199973

Ion Ratio Lower Upper

65 100

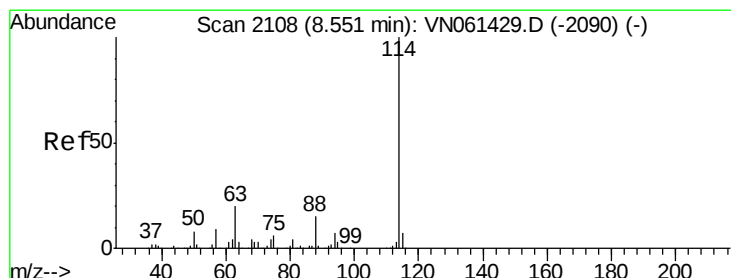
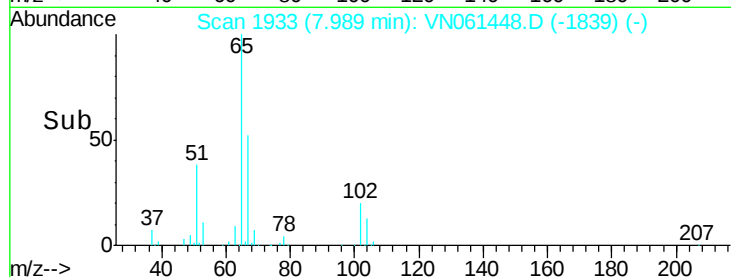
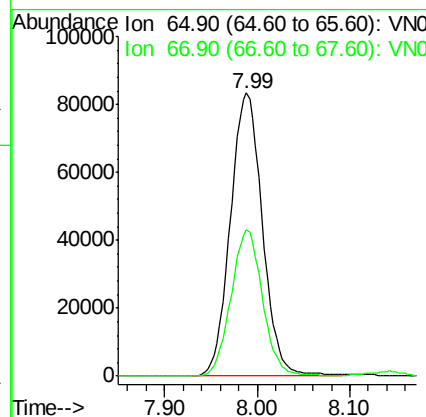
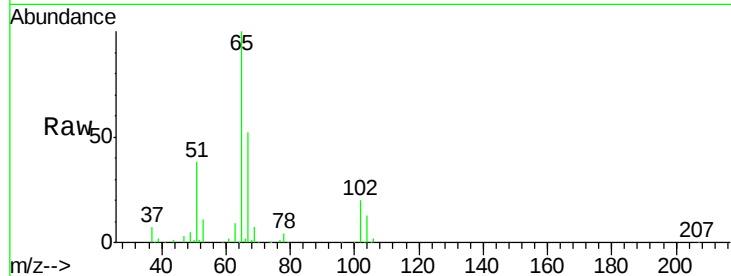
67 50.5 0.0 101.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

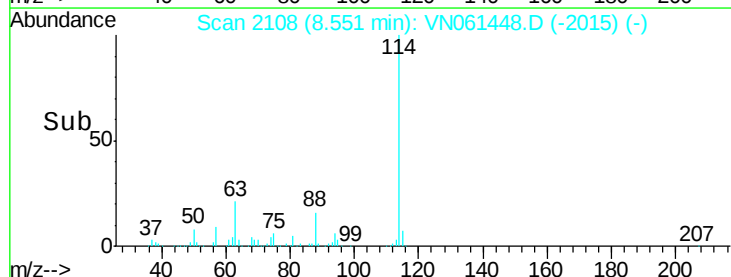
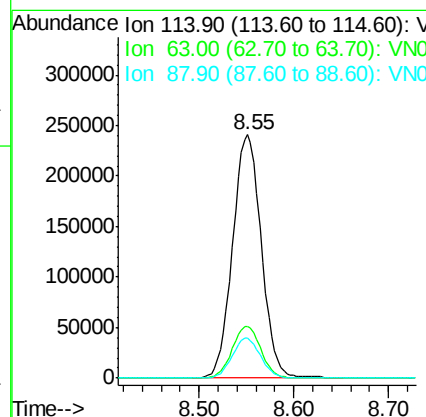
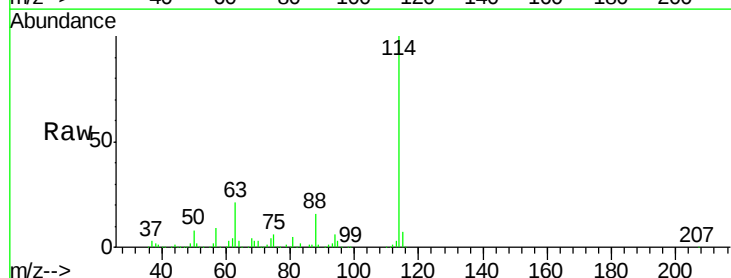
Tgt Ion: 114 Resp: 508019

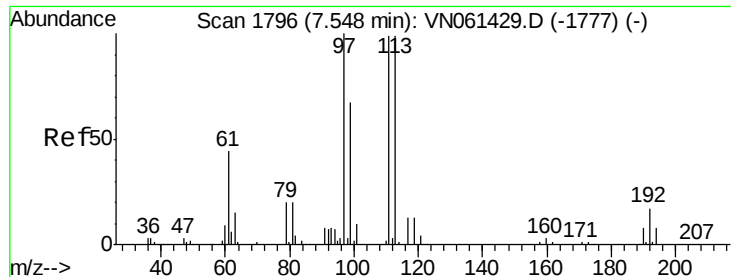
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.8

88 16.4 0.0 30.8





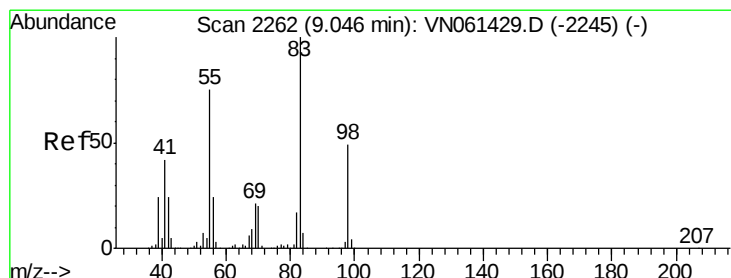
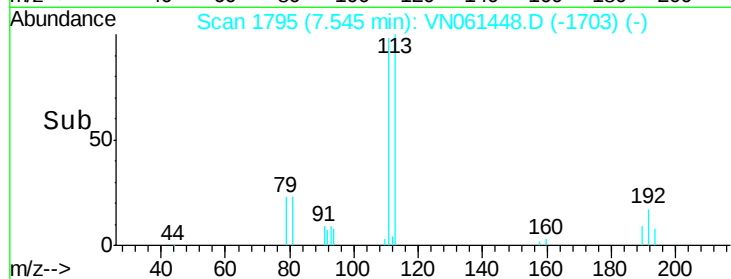
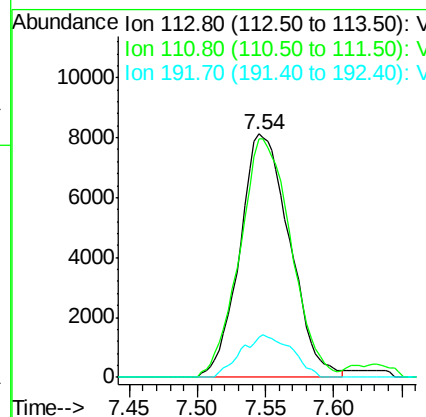
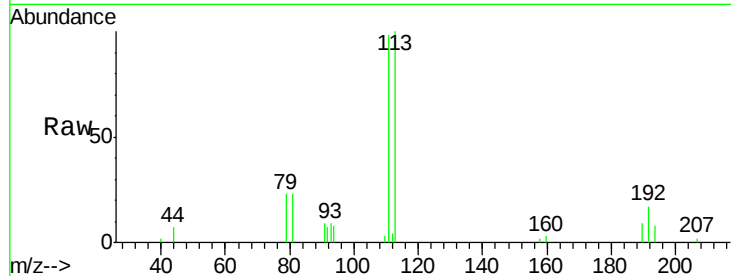
#35
 Dibromofluoromethane
 Concen: 7.755 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061448.D
 Acq: 18 May 2020 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.4	80.6	121.0
192	17.7	13.2	19.8

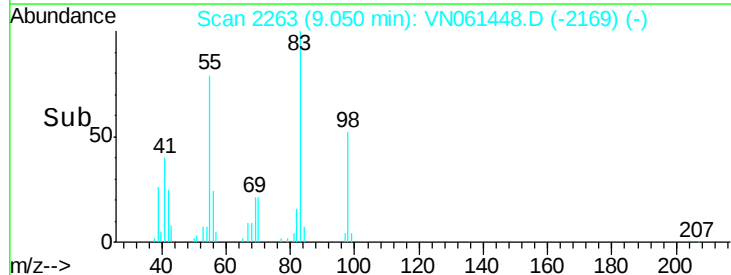
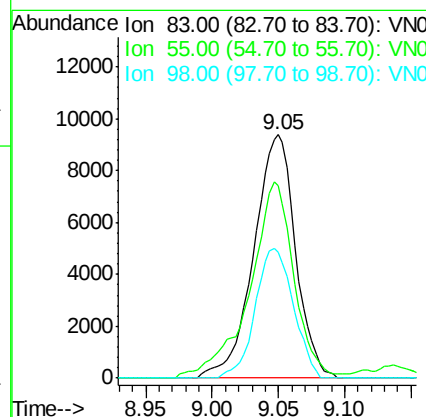
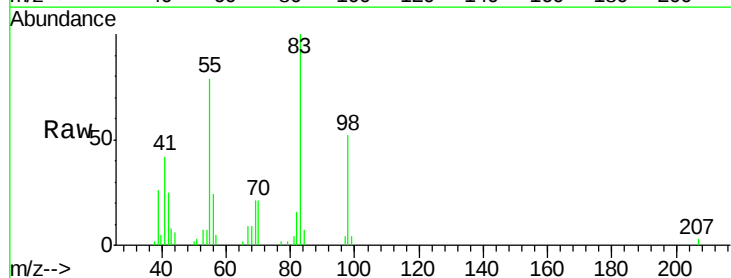
Manual Integrations
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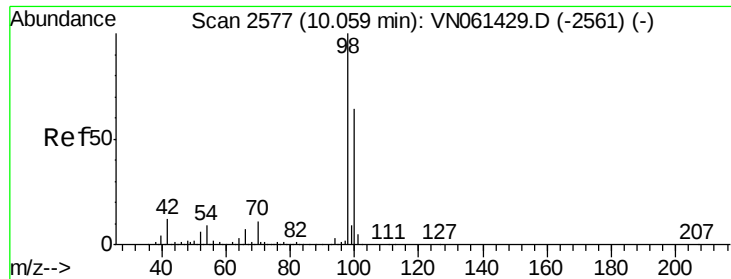
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#39
 Methylcyclohexane
 Concen: 3.550 ug/l
 RT: 9.05 min Scan# 2263
 Delta R.T. 0.00 min
 Lab File: VN061448.D
 Acq: 18 May 2020 20:34

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.1	59.7	89.5
98	51.7	38.9	58.3





#50

Toluene-d8

Concen: 52.883 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

Tot Ion: 98 Resp: 652794

Ion Ratio Lower Upper

98 100

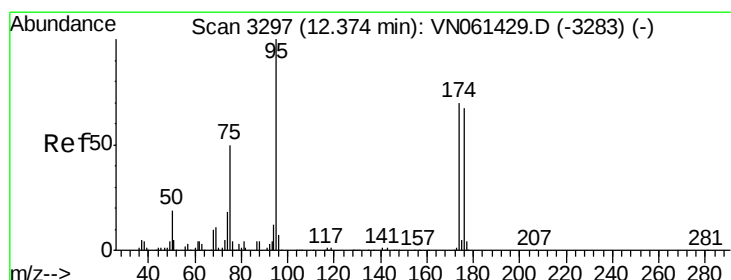
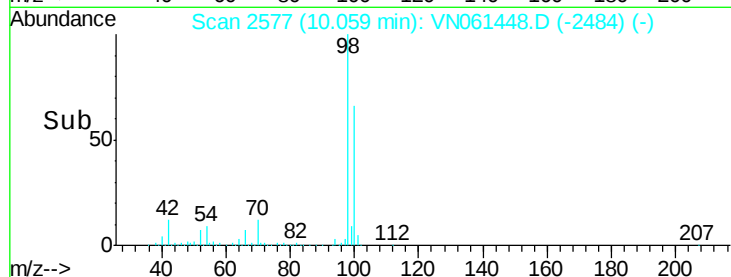
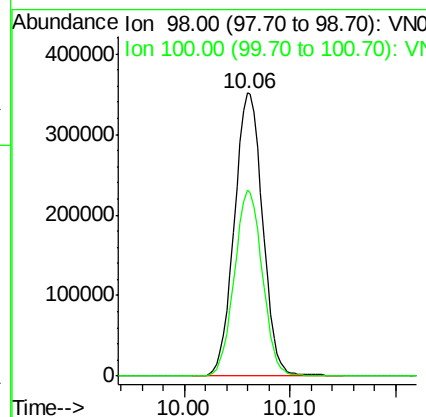
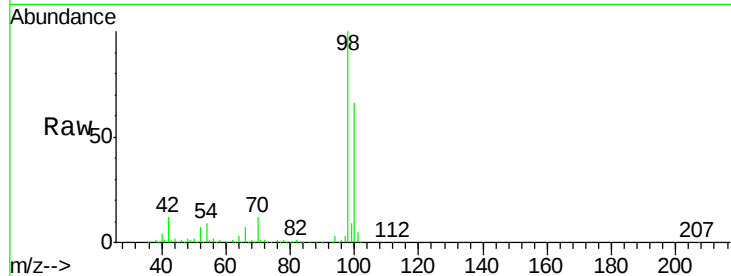
100 65.2 51.8 77.8

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#62

4-Bromofluorobenzene

Concen: 54.563 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

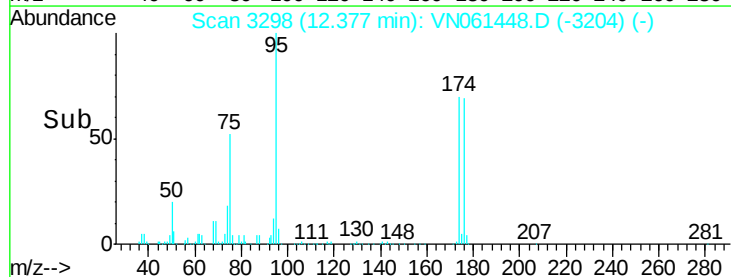
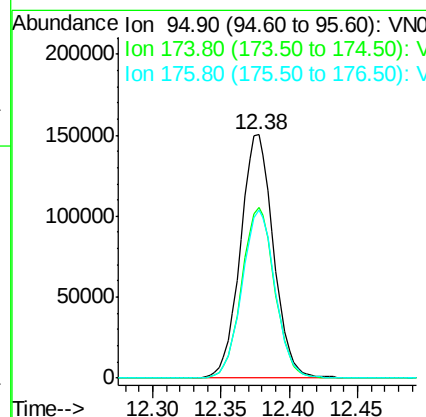
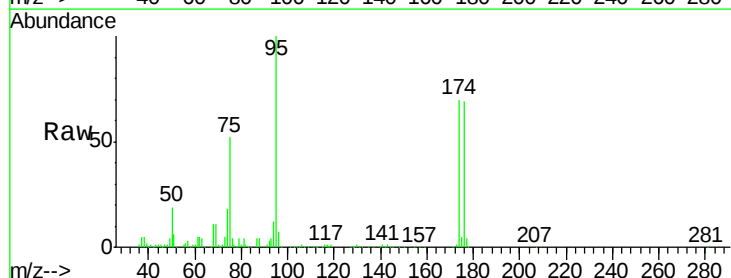
Tgt Ion: 95 Resp: 251636

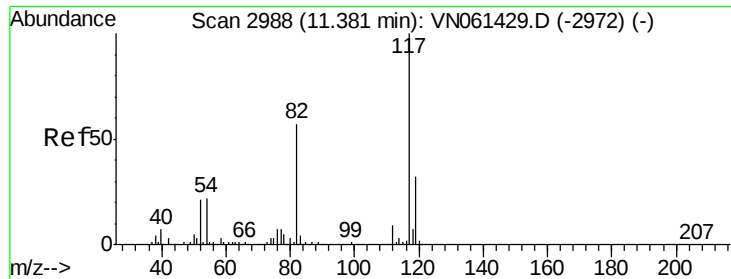
Ion Ratio Lower Upper

95 100

174 70.4 0.0 141.2

176 69.5 0.0 137.6





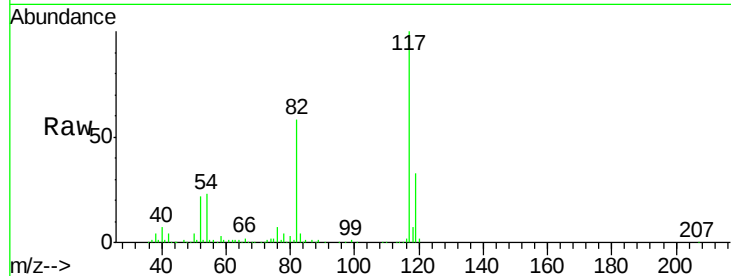
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

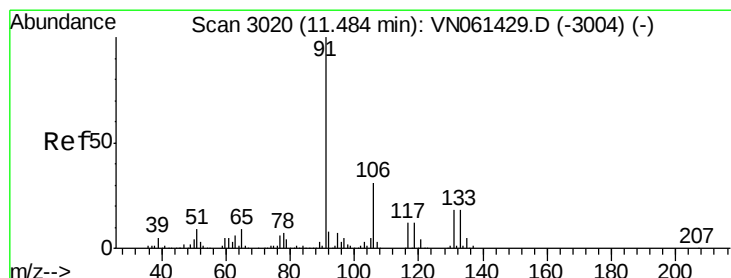
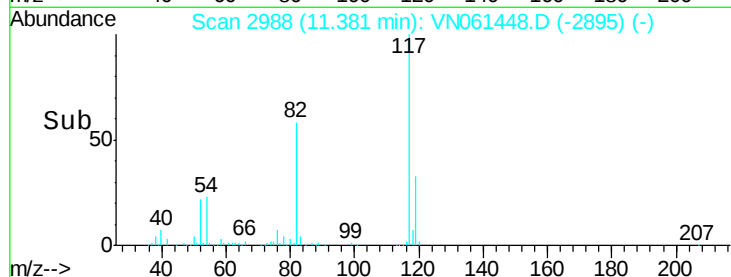
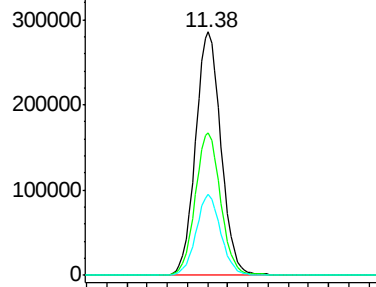
Tot Ion	Ratio	Resp	Lower	Upper
117	100	504288		
82	58.4		45.2	67.8
119	33.1		25.3	37.9

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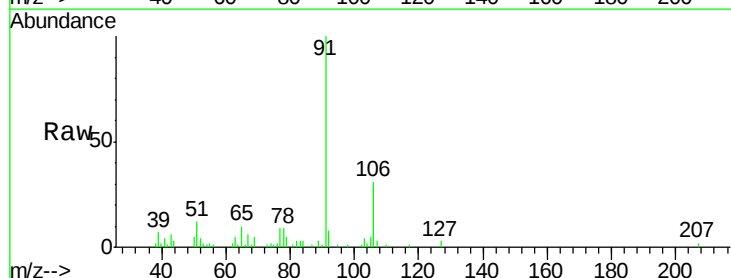


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

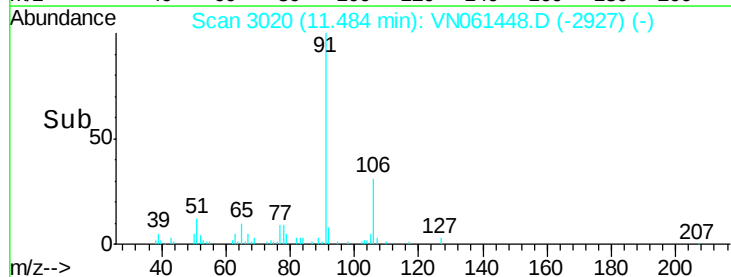
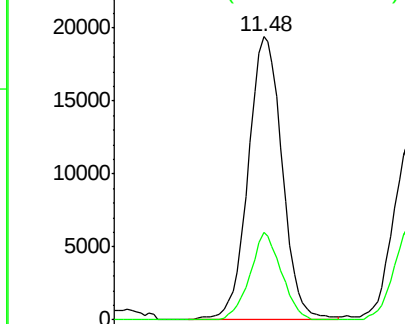


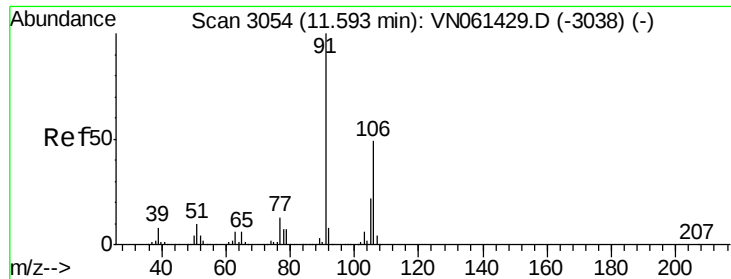
#67
Ethyl Benzene
Concen: 1.790 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	33605		
106	30.8		24.6	36.8



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V





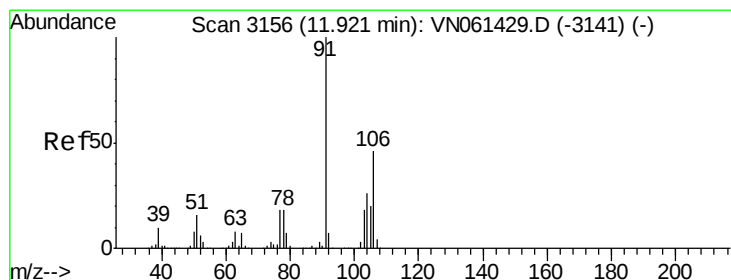
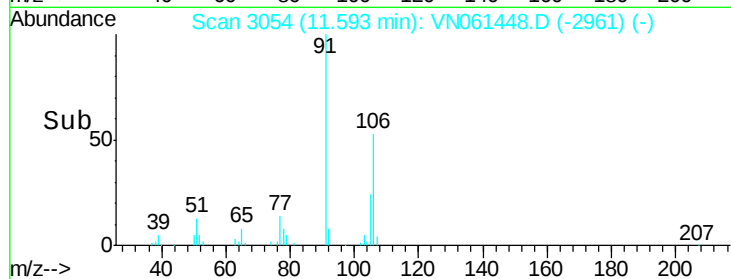
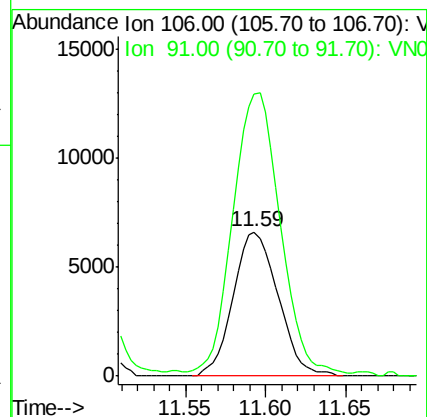
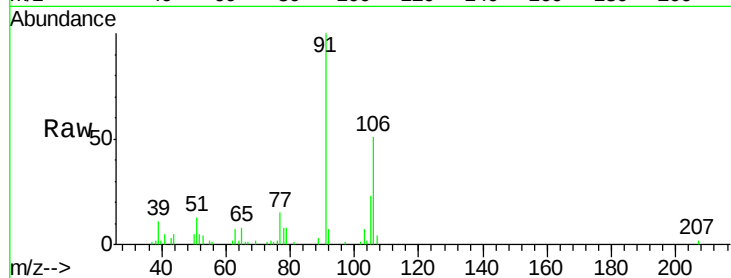
#68
m/p-Xylenes
Concen: 1.780 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	203.5	163.0	244.6		

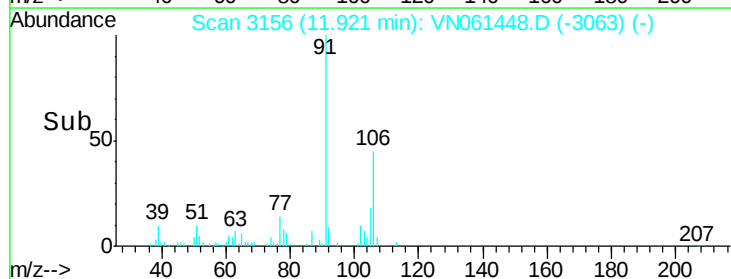
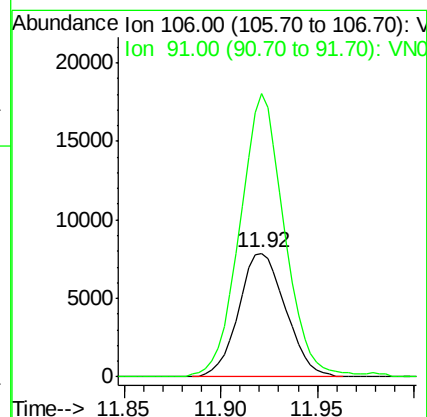
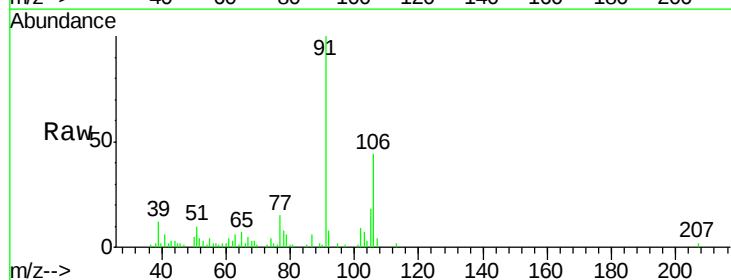
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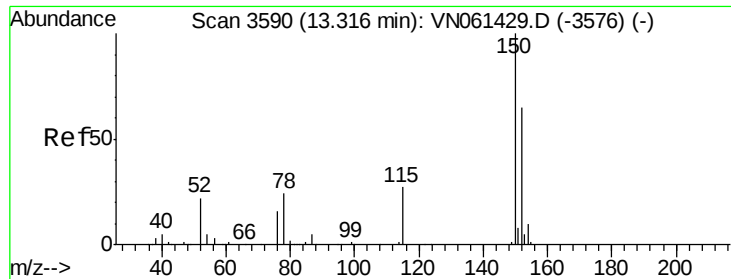
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#69
o-Xylene
Concen: 1.925 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	216.9	107.9	323.7		





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Instrument :

MSVOA_N

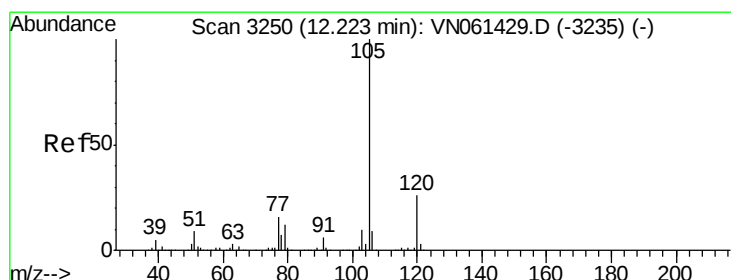
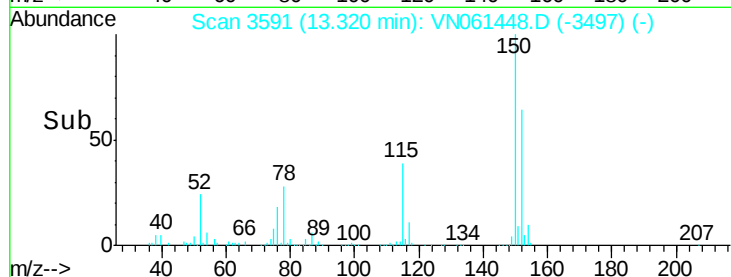
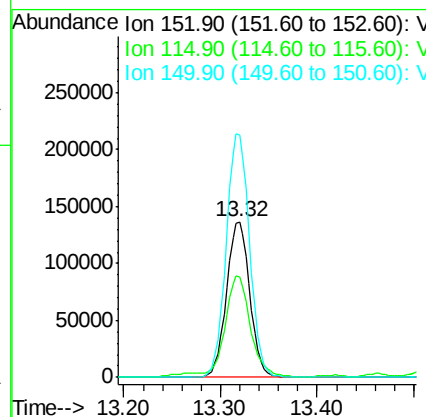
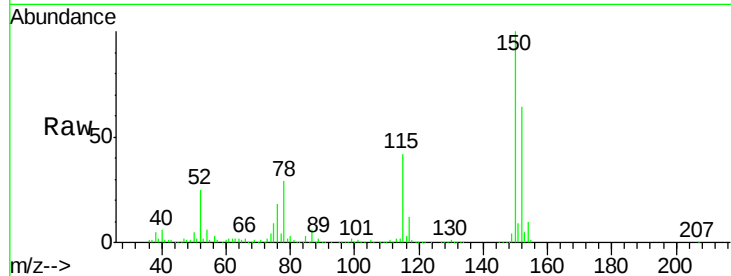
ClientSampleId :

AMENDED-COMP-SPLP-LEACHATE

Tot Ion:	152	Resp:	228401
Ion Ratio	Lower	Upper	
152	100		
115	69.3	30.9	92.5
150	157.0	0.0	349.2

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#73

Isopropylbenzene

Concen: 1.052 ug/l

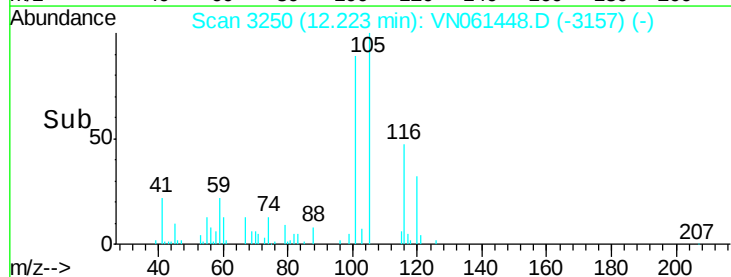
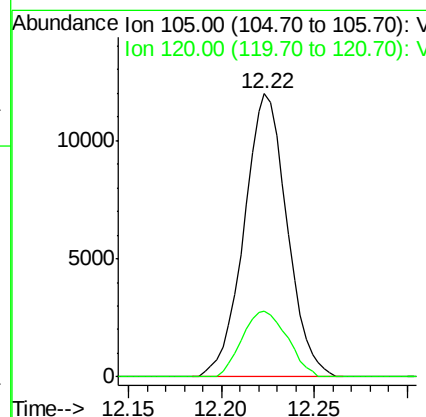
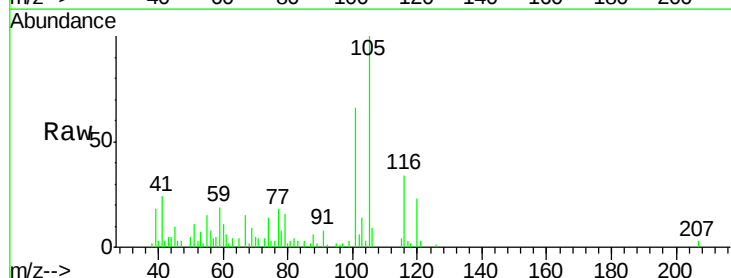
RT: 12.22 min Scan# 3250

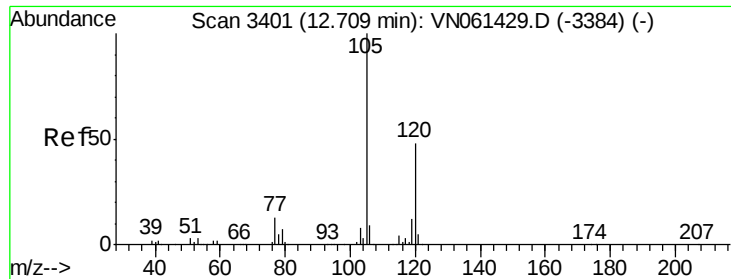
Delta R.T. -0.00 min

Lab File: VN061448.D

Acq: 18 May 2020 20:34

Tgt Ion:	105	Resp:	19282
Ion Ratio	Lower	Upper	
105	100		
120	24.3	13.0	39.0





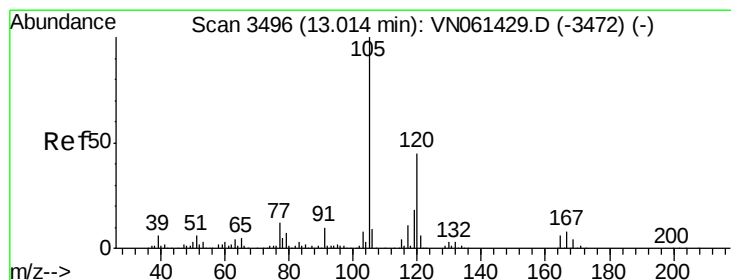
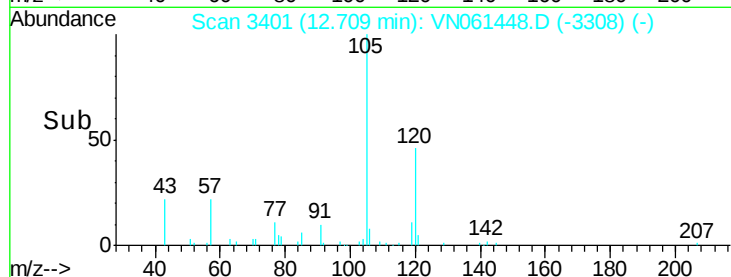
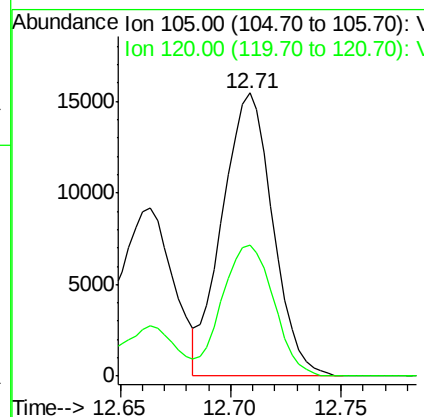
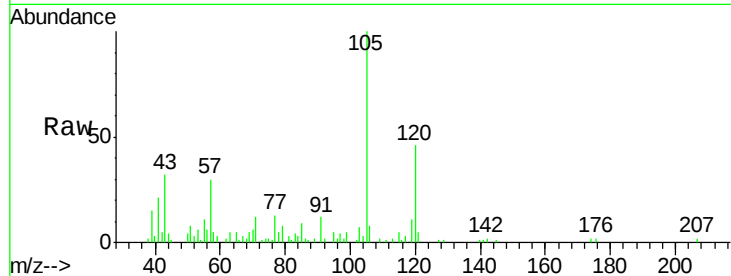
#80
 1,3,5-Trimethylbenzene
 Concen: 1.640 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061448.D
 Acq: 18 May 2020 20:34

Instrument :
 MSVOA_N
 ClientSampleId :
 AMENDED-COMP-SPLP-LEACHATE

Tot Ion:105 Resp: 24623
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.1 72.4

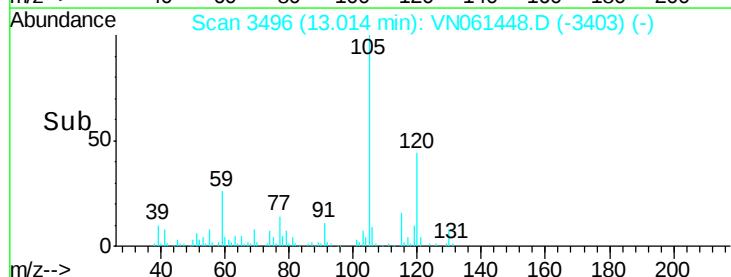
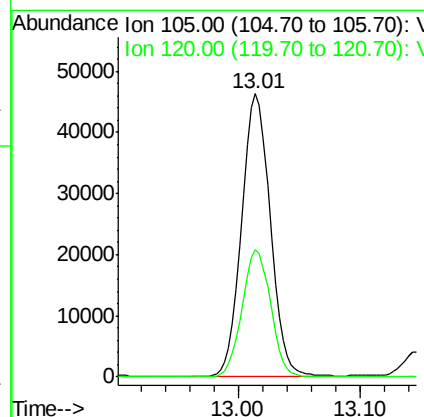
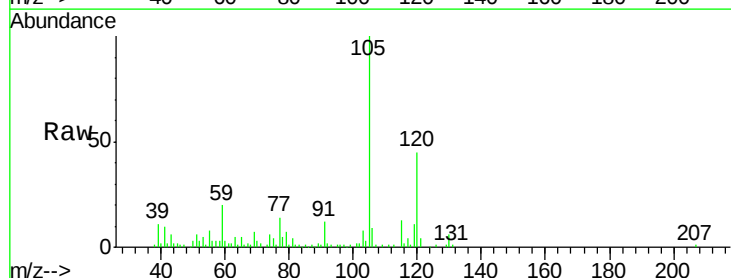
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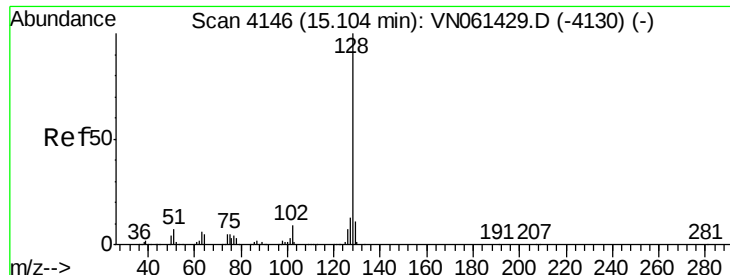
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#84
 1,2,4-Trimethylbenzene
 Concen: 5.033 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061448.D
 Acq: 18 May 2020 20:34

Tgt Ion:105 Resp: 75622
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3





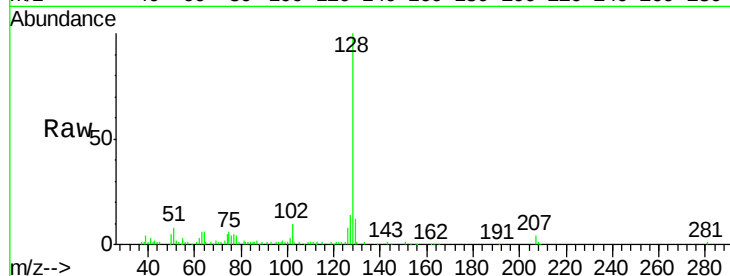
#95
Naphthalene
Concen: 7.306 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061448.D
Acq: 18 May 2020 20:34

Instrument :
MSVOA_N
ClientSampleId :
AMENDED-COMP-SPLP-LEACHATE

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.6	10.1	15.1
129	11.2	8.6	13.0

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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

