

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051120\
 Data File : VN061382.D
 Acq On : 11 May 2020 12:02
 Operator : JC/MD
 Sample : VN0511WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Manual Integrations
 APPROVED

sam
 5/12/2020 3:34:02 PM

Quant Time: May 12 08:55:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	106092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	175701	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	164829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	78181	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	86652	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	7.55	113	53671	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	10.06	98	228848	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
62) 4-Bromofluorobenzene	12.37	95	84218	52.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	20020	17.795	ug/l	97
3) Chloromethane	2.03	50	27916	20.488	ug/l	98
4) Vinyl Chloride	2.16	62	30099	19.449	ug/l	100
5) Bromomethane	2.54	94	13026	17.028	ug/l	99
6) Chloroethane	2.67	64	18412	18.770	ug/l	100
7) Trichlorofluoromethane	2.98	101	38937	22.301	ug/l	97
8) Diethyl Ether	3.37	74	16036	22.019	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	23374	20.780	ug/l	100
10) Methyl Iodide	3.91	142	22909	15.848	ug/l	98
11) Tert butyl alcohol	4.72	59	21296	94.701	ug/l	97
12) 1,1-Dichloroethene	3.69	96	21410	19.127	ug/l	100
13) Acrolein	3.56	56	9409	62.786	ug/l	100
14) Allyl chloride	4.27	41	46502	22.405	ug/l	97
15) Acrylonitrile	4.92	53	68889	99.795	ug/l	99
16) Acetone	3.77	43	65573	97.633	ug/l	96
17) Carbon Disulfide	4.00	76	52502	16.980	ug/l	100
18) Methyl Acetate	4.27	43	37468	18.120	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	83768	19.585	ug/l	99
20) Methylene Chloride	4.50	84	25930	19.809	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	24017	19.704	ug/l	95
22) Diisopropyl ether	5.90	45	100932	20.971	ug/l	99
23) Vinyl Acetate	5.84	43	378852	97.762	ug/l	100
24) 1,1-Dichloroethane	5.79	63	51509	20.484	ug/l	99
25) 2-Butanone	6.78	43	93857	94.486	ug/l	99
26) 2,2-Dichloropropane	6.77	77	44730	21.118	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	27586	19.286	ug/l	97
28) Bromochloromethane	7.15	49	27432	23.016	ug/l	97
29) Tetrahydrofuran	7.16	42	63337	94.655	ug/l	99
30) Chloroform	7.33	83	50473	19.806	ug/l	99
31) Cyclohexane	7.61	56	41798	17.116	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	43060	19.405	ug/l	99
36) 1,1-Dichloropropene	7.75	75	35533	20.202	ug/l	99
37) Ethyl Acetate	6.88	43	42216	20.474	ug/l	99
38) Carbon Tetrachloride	7.73	117	32243	21.460	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	33847	17.160	ug/l	98
40) Benzene	8.00	78	107108	20.440	ug/l	100
41) Methacrylonitrile	7.13	41	18393m	21.484	ug/l	
42) 1,2-Dichloroethane	8.08	62	42756	21.538	ug/l	98
43) Isopropyl Acetate	8.12	43	67192	19.635	ug/l	99
44) Trichloroethene	8.80	130	26686	18.839	ug/l	97
45) 1,2-Dichloropropane	9.08	63	29986	21.420	ug/l	99
46) Dibromomethane	9.17	93	18223	21.024	ug/l	98
47) Bromodichloromethane	9.37	83	39858	21.423	ug/l	98
48) Methyl methacrylate	9.17	41	30745	19.910	ug/l	98
49) 1,4-Dioxane	9.17	88	7045	401.914	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	203197	100.879	ug/l	100
52) Toluene	10.12	92	64809	20.534	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	41756	19.918	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	45384	20.478	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	25861	20.542	ug/l	97
56) Ethyl methacrylate	10.40	69	37354	18.826	ug/l	100
57) 1,3-Dichloropropane	10.68	76	45987	20.781	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	98414	96.575	ug/l	99
59) 2-Hexanone	10.72	43	142349	97.138	ug/l	98
60) Dibromochloromethane	10.87	129	27217	20.642	ug/l	97
61) 1,2-Dibromoethane	10.98	107	25918	20.540	ug/l	99
64) Tetrachloroethene	10.60	164	24891	17.436	ug/l	96
65) Chlorobenzene	11.41	112	66303	20.278	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	25326	21.642	ug/l	99
67) Ethyl Benzene	11.48	91	120759	19.729	ug/l	99
68) m/p-Xylenes	11.60	106	89209	39.819	ug/l	99
69) o-Xylene	11.92	106	41175	19.133	ug/l	97
70) Styrene	11.94	104	69010	19.160	ug/l	98
71) Bromoform	12.10	173	17651	20.523	ug/l #	100
73) Isopropylbenzene	12.22	105	114224	19.874	ug/l	100
74) N-amyl acetate	12.05	43	54078	18.581	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	37632	20.998	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	30421m	18.456	ug/l	
77) Bromobenzene	12.50	156	26668	20.100	ug/l	97
78) n-propylbenzene	12.57	91	136114	19.966	ug/l	100
79) 2-Chlorotoluene	12.65	91	80861	20.180	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	96077	20.197	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	12585	19.390	ug/l	97
82) 4-Chlorotoluene	12.75	91	85753	20.305	ug/l	99
83) tert-Butylbenzene	12.97	119	76611	19.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	97948	19.986	ug/l	100
85) sec-Butylbenzene	13.15	105	104400	19.091	ug/l	99
86) p-Isopropyltoluene	13.26	119	92657	18.805	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	48590	19.894	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	48778	19.546	ug/l	99
89) n-Butylbenzene	13.59	91	83871	18.568	ug/l	98
90) Hexachloroethane	13.85	117	13194	29.383	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	46447	19.833	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	7021	18.550	ug/l	98

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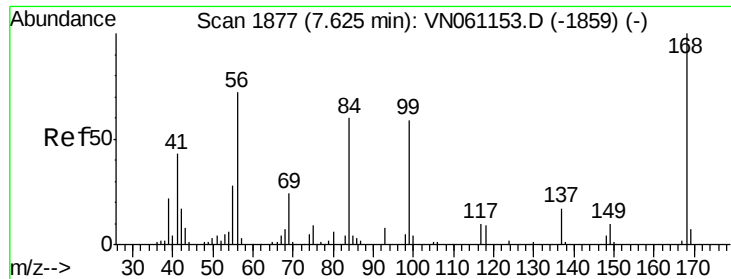
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	25289	17.733	ug/l	98
94) Hexachlorobutadiene	14.98	225	12240	20.544	ug/l	99
95) Naphthalene	15.11	128	75517	16.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	25999	18.465	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampled :

VN0511WBS01

Tot Ion:168 Resp: 106092

Ion Ratio Lower Upper

168 100

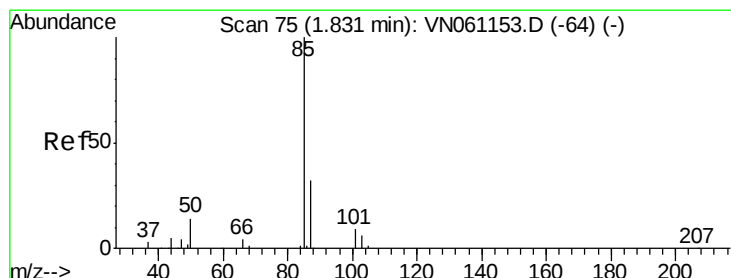
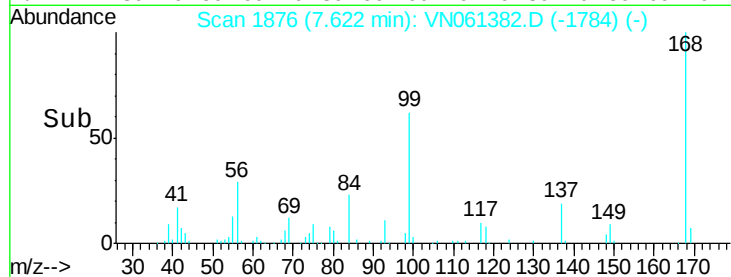
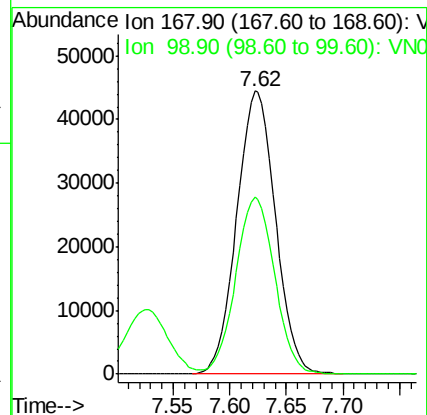
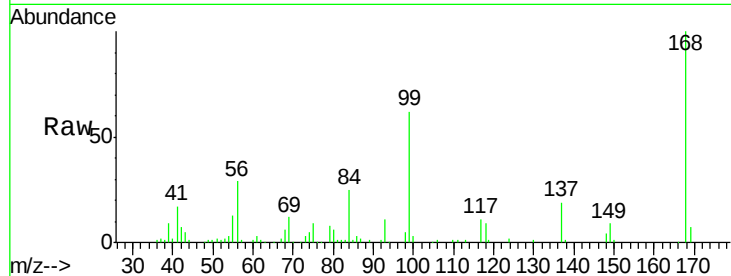
99 62.5 51.2 76.8

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 17.795 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061382.D

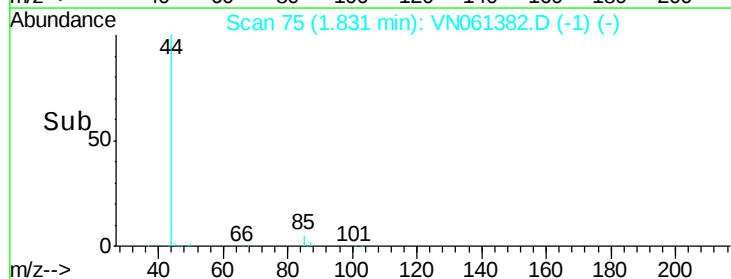
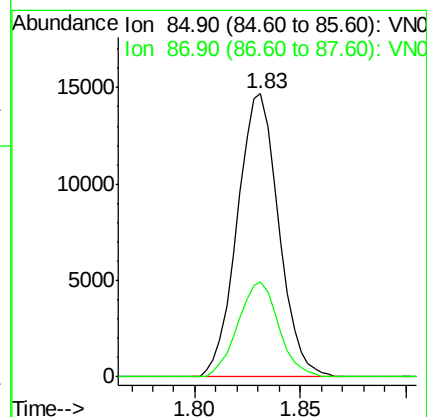
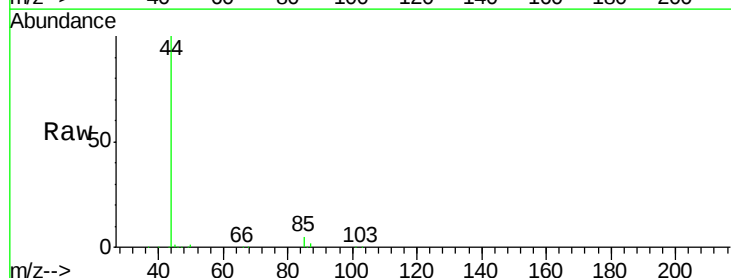
Acq: 11 May 2020 12:02

Tgt Ion: 85 Resp: 20020

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.2





#3

Chloromethane

Concen: 20.488 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0511WBS01

Tot Ion: 50 Resp: 27916

Ion Ratio Lower Upper

50 100

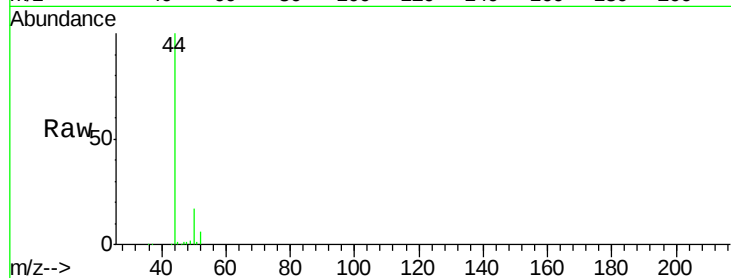
52 33.5 26.0 39.0

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.03

25000

20000

15000

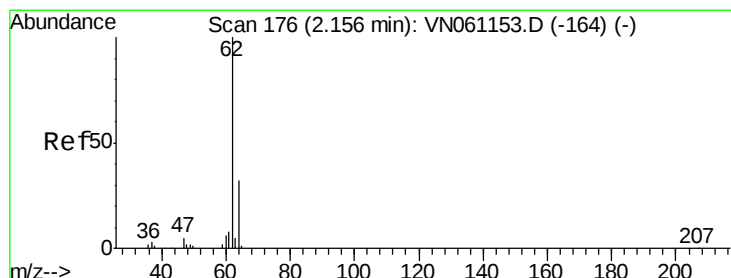
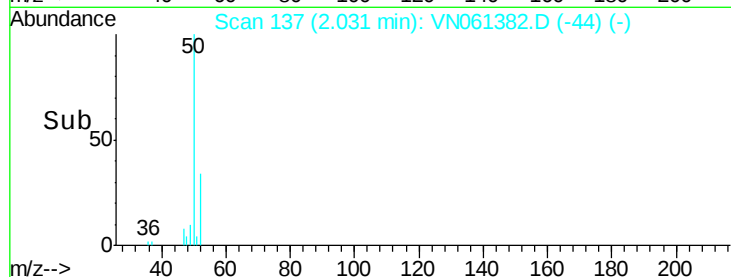
10000

5000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 19.449 ug/l

RT: 2.16 min Scan# 177

Delta R.T. 0.00 min

Lab File: VN061382.D

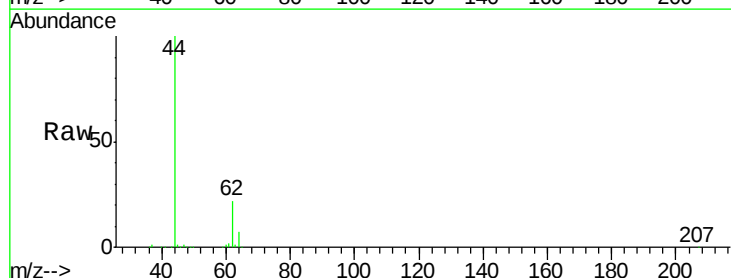
Acq: 11 May 2020 12:02

Tgt Ion: 62 Resp: 30099

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

20000

15000

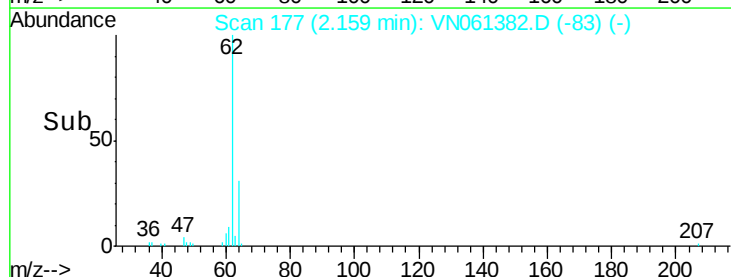
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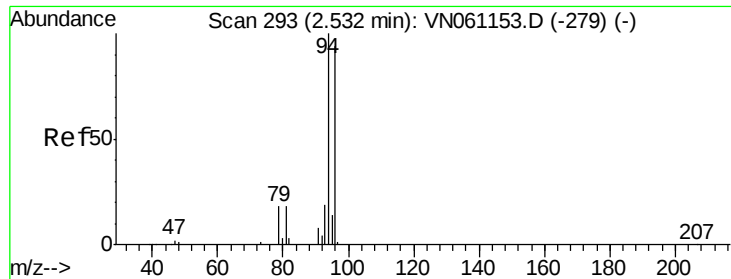
5000

0

Time-->

2.10 2.15 2.20





#5

Bromomethane

Concen: 17.028 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0511WBS01

Tot Ion: 94 Resp: 13026

Ion Ratio Lower Upper

94 100

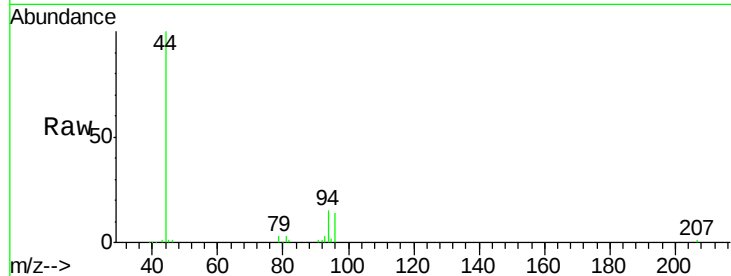
96 93.1 75.1 112.7

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

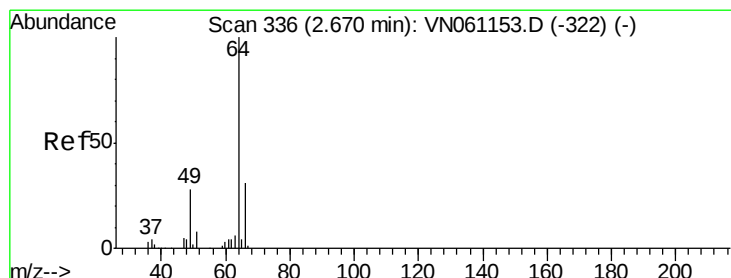
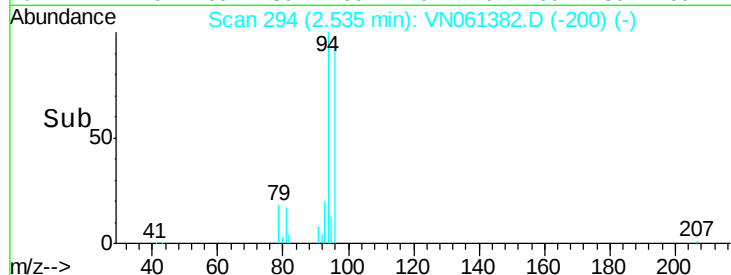
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 18.770 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061382.D

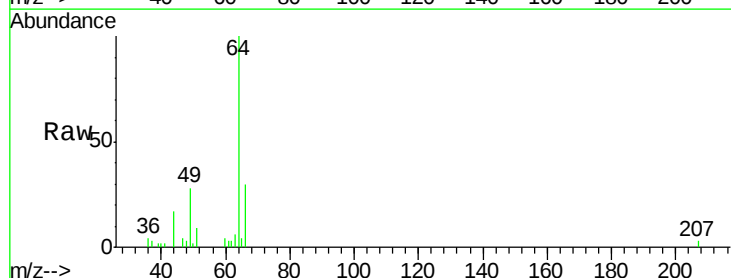
Acq: 11 May 2020 12:02

Tgt Ion: 64 Resp: 18412

Ion Ratio Lower Upper

64 100

66 30.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

10000

8000

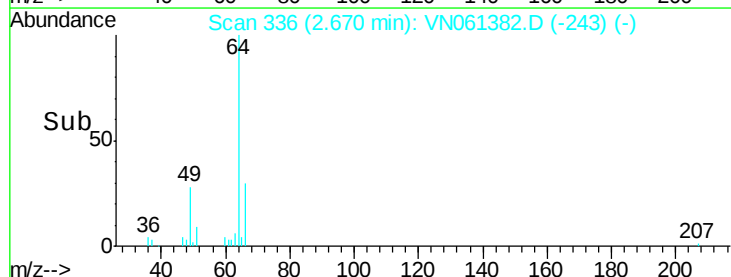
6000

4000

2000

0

Time-->





#7

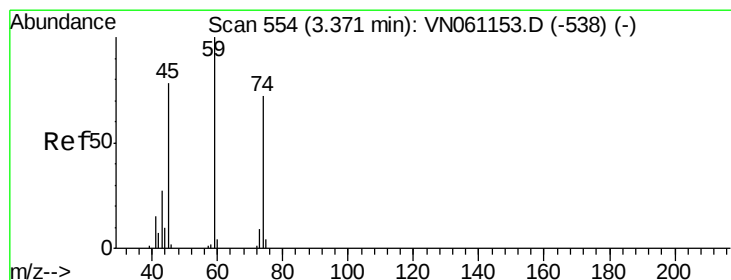
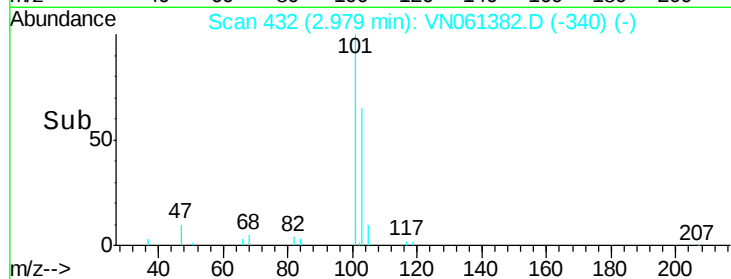
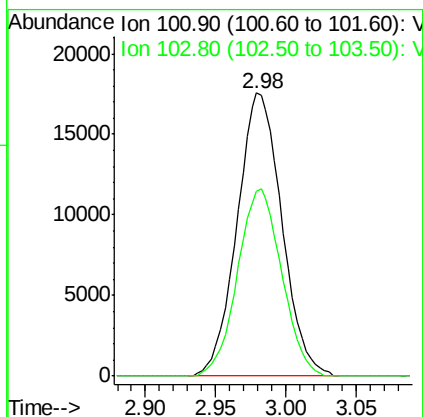
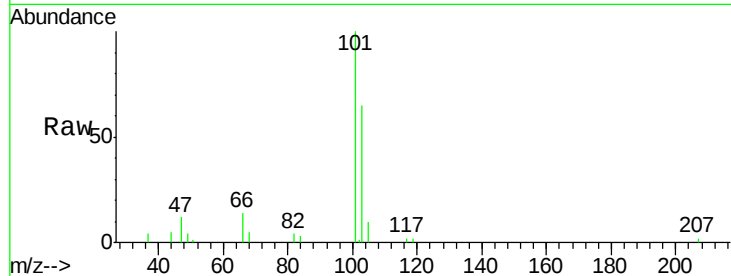
Trichlorofluoromethane
Concen: 22.301 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061382.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	50.6	76.0

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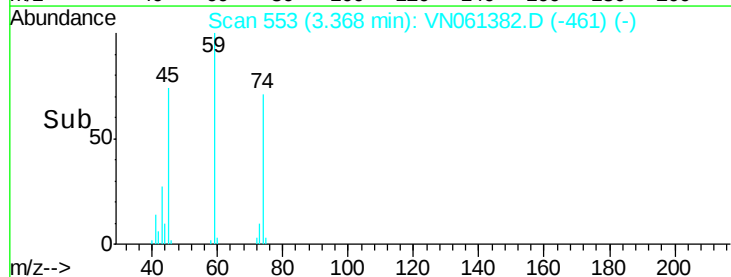
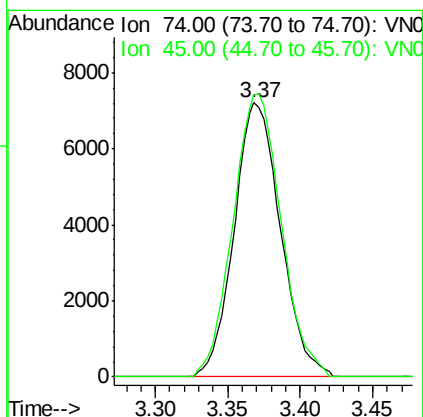
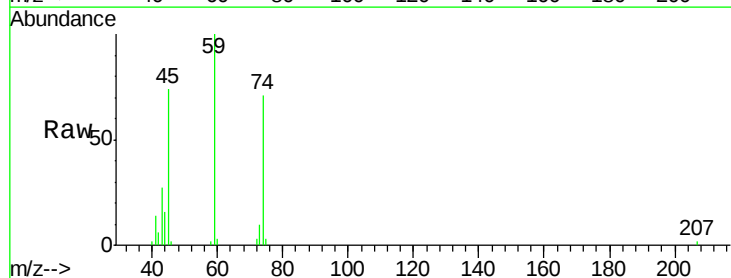
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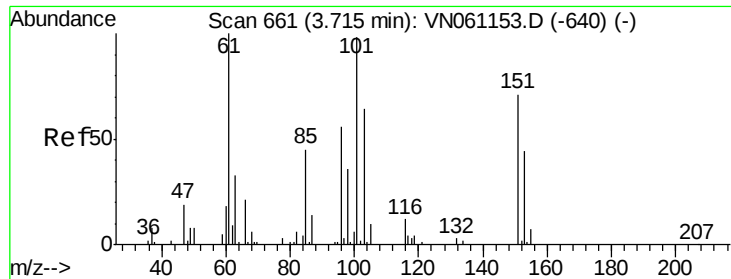


#8

Diethyl Ether
Concen: 22.019 ug/l
RT: 3.37 min Scan# 553
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.4	53.3	160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.780 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

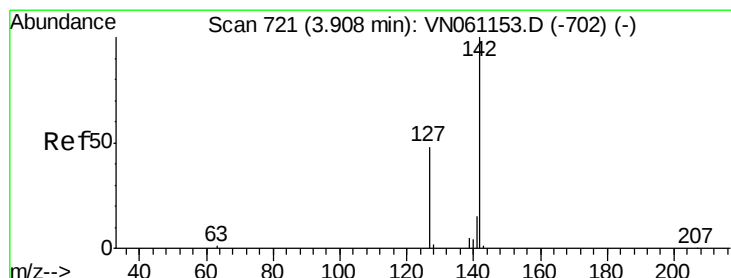
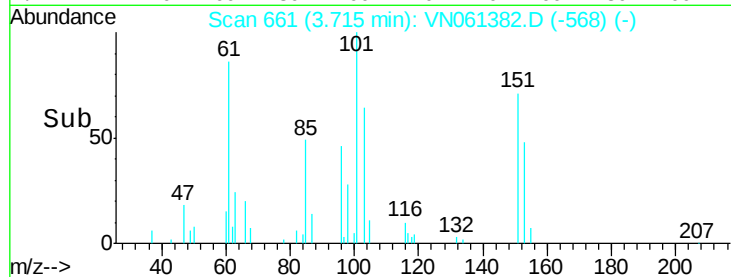
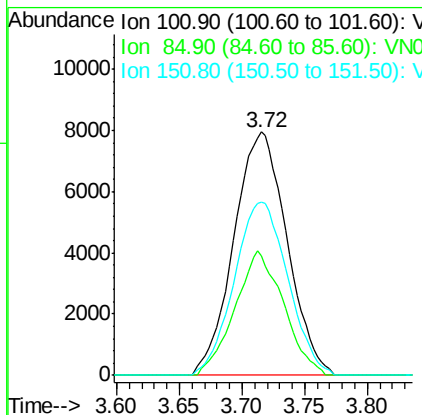
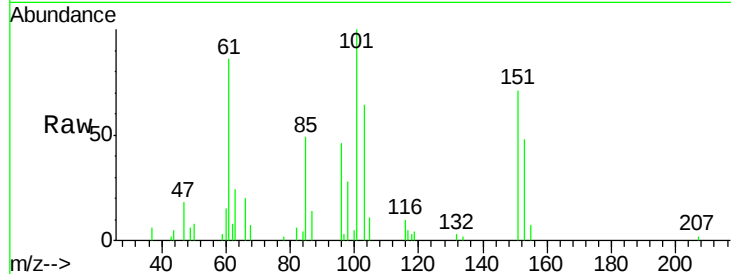
ClientSampled :

VN0511WBS01

Tot Ion:	101	Resp:	23374
Ion Ratio	Lower	Upper	
101	100		
85	46.8	37.2	55.8
151	71.9	57.7	86.5

Manual Integrations
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#10

Methyl Iodide

Concen: 15.848 ug/l

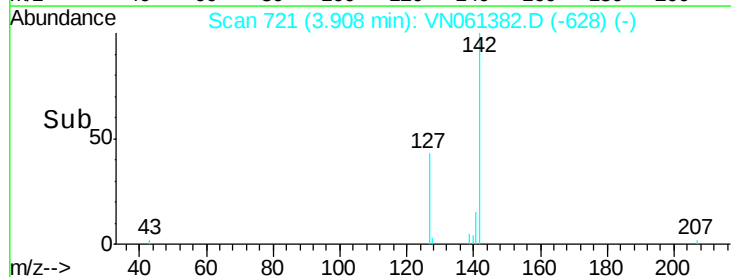
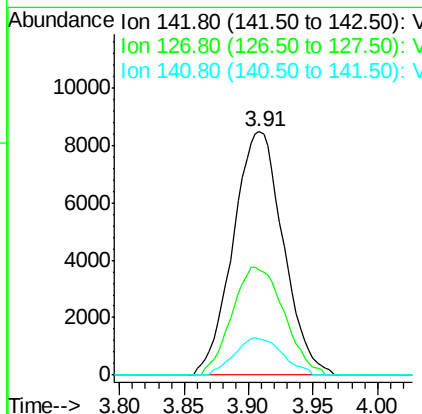
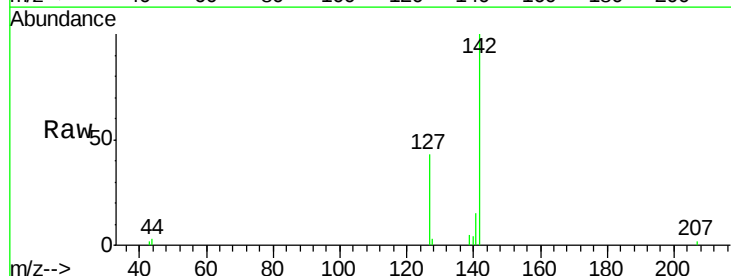
RT: 3.91 min Scan# 721

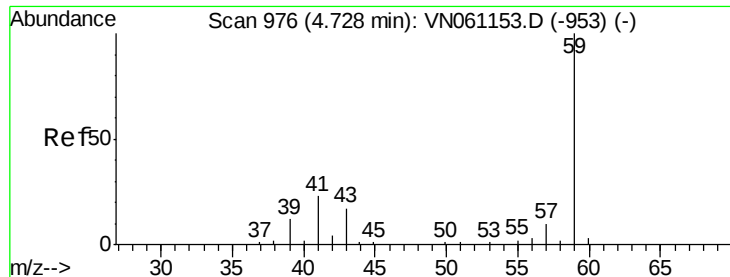
Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Tgt Ion:	142	Resp:	22909
Ion Ratio	Lower	Upper	
142	100		
127	45.9	38.0	57.0
141	14.6	11.7	17.5





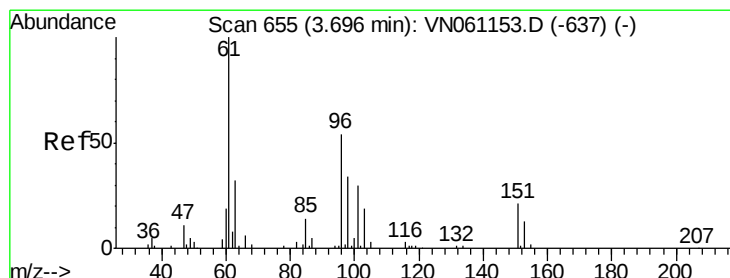
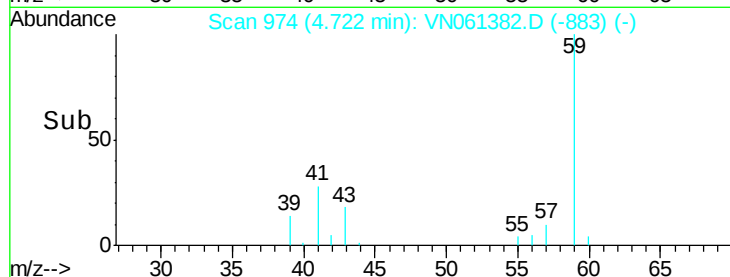
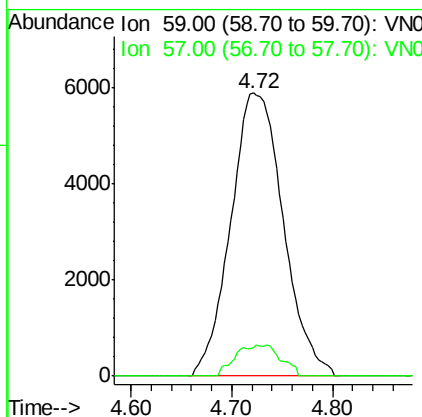
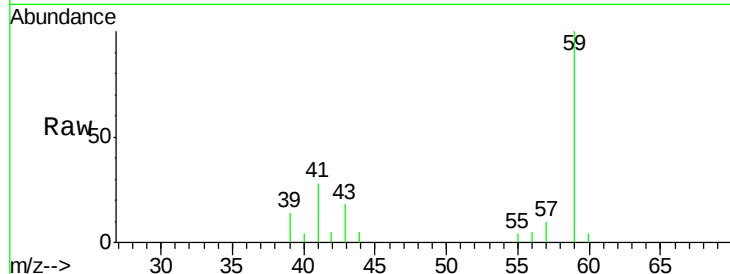
#11
Tert butyl alcohol
Concen: 94.701 ug/l
RT: 4.72 min Scan# 974
Delta R.T. -0.01 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.5	8.3	12.5

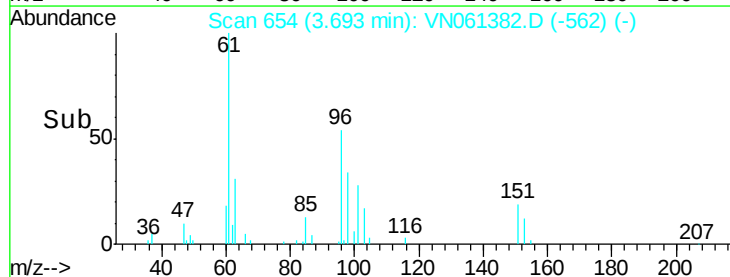
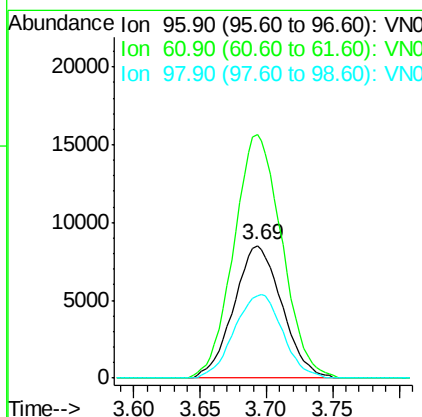
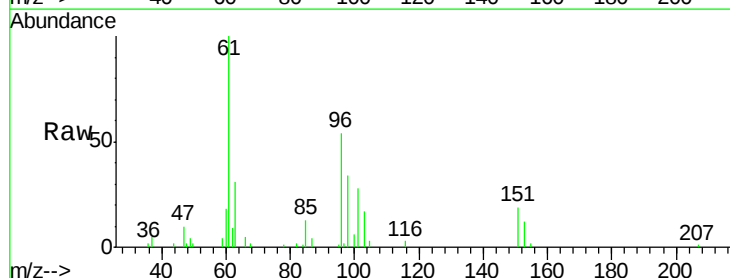
Manual Integrations
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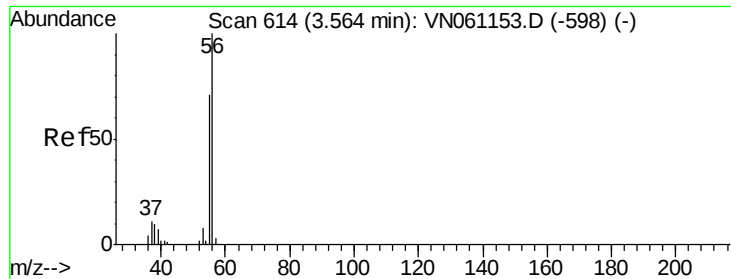
sam
5/12/2020 3:34:02 PM



#12
1,1-Dichloroethene
Concen: 19.127 ug/l
RT: 3.69 min Scan# 654
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	184.1	147.0	220.6
98	61.8	49.8	74.6





#13

Acrolein

Concen: 62.786 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0511WBS01

Tot Ion: 56 Resp: 9409

Ion Ratio Lower Upper

56 100

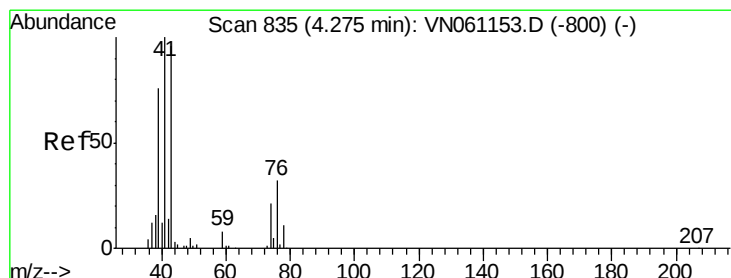
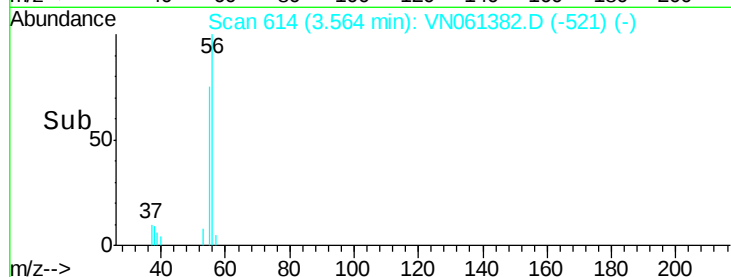
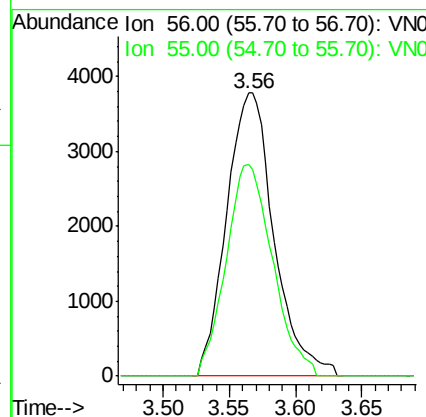
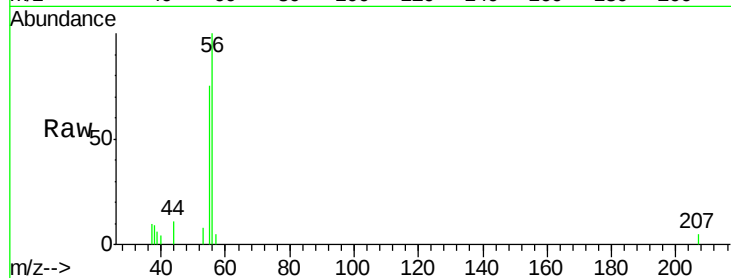
55 73.1 58.5 87.7

Manual Integrations

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sam

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#14

Allyl chloride

Concen: 22.405 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

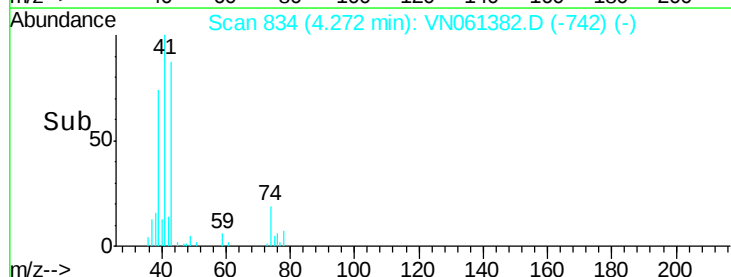
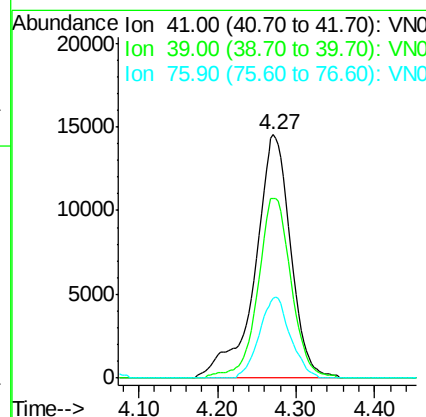
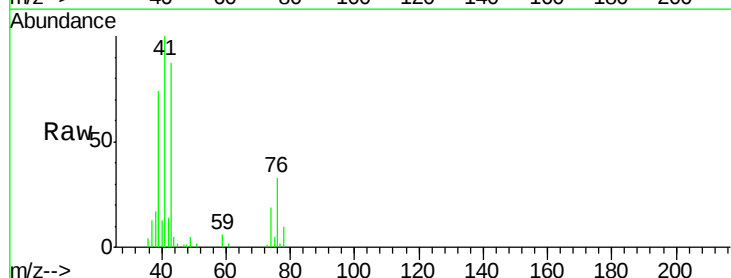
Tgt Ion: 41 Resp: 46502

Ion Ratio Lower Upper

41 100

39 69.3 57.1 85.7

76 28.9 24.3 36.5





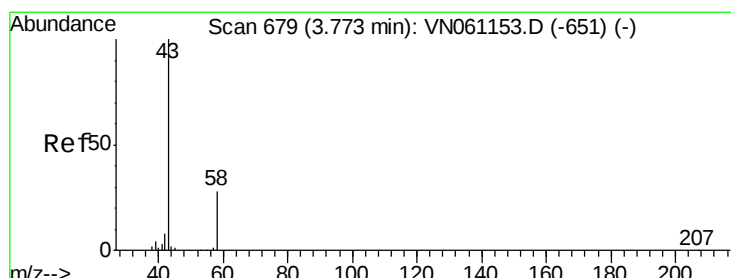
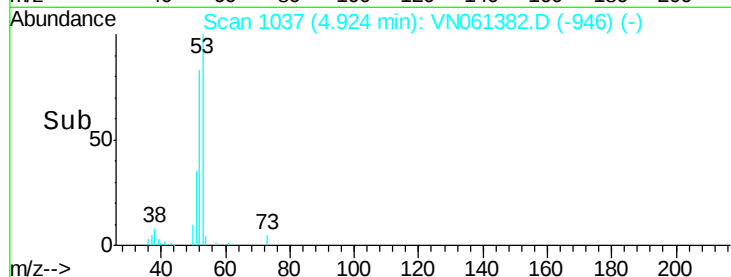
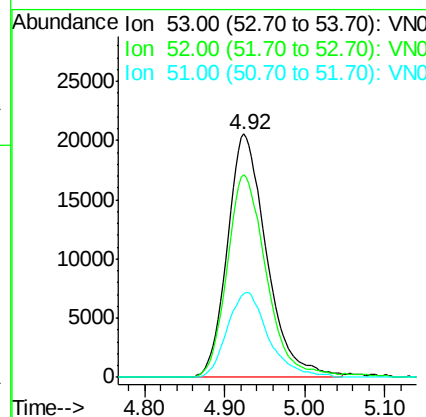
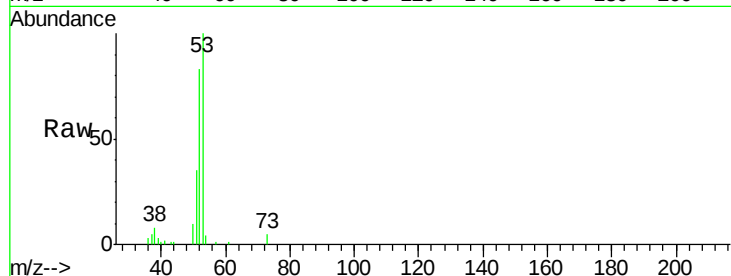
#15
 Acrylonitrile
 Concen: 99.795 ug/l
 RT: 4.92 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Tot Ion:	53	Resp:	68889
Ion Ratio	Lower	Upper	
53	100		
52	82.9	65.4	98.0
51	36.7	29.5	44.3

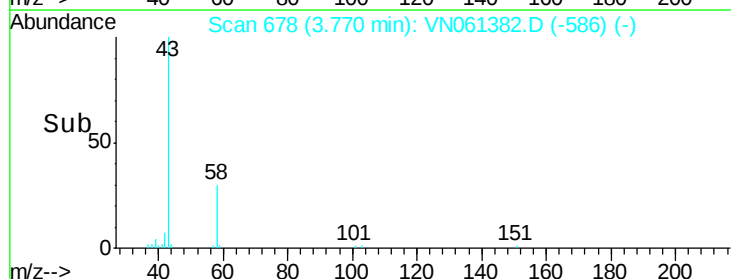
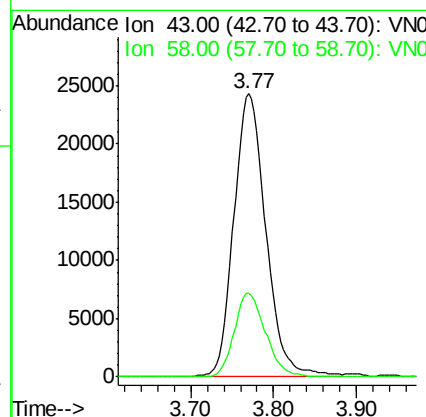
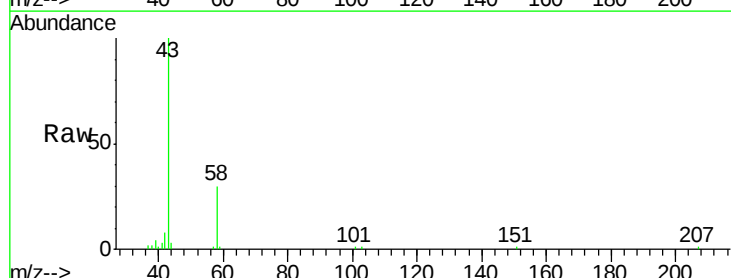
Manual Integrations
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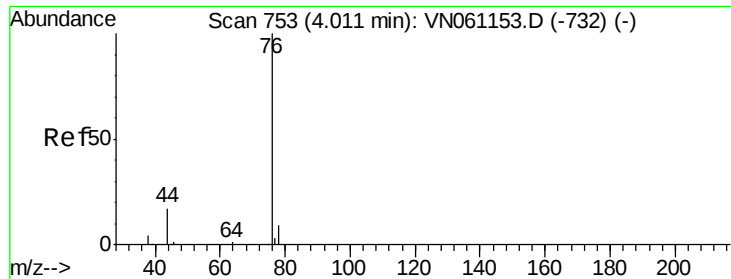
sam
 5/12/2020 3:34:02 PM



#16
 Acetone
 Concen: 97.633 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion:	43	Resp:	65573
Ion Ratio	Lower	Upper	
43	100		
58	29.6	22.2	33.2





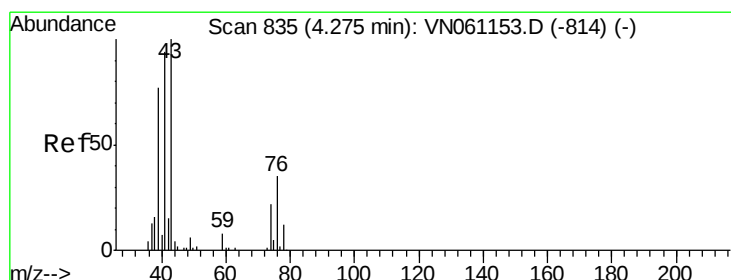
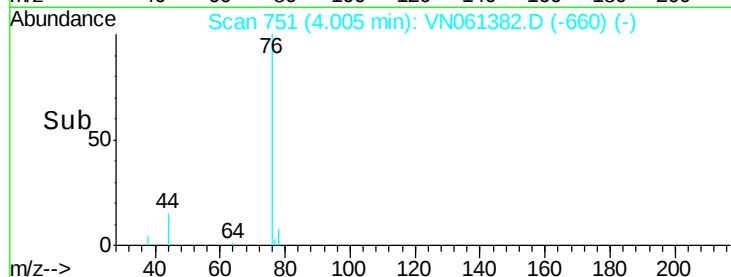
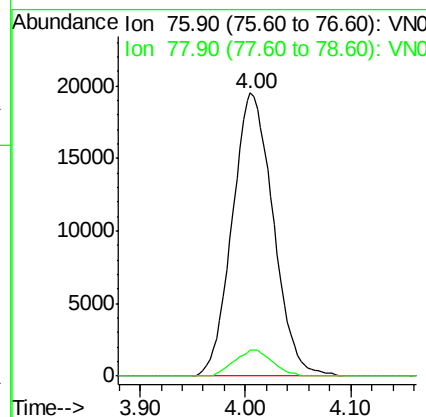
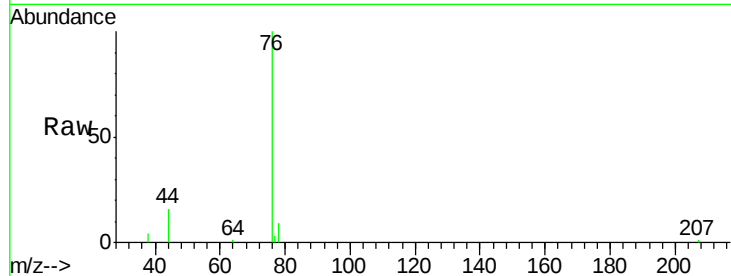
#17
Carbon Disulfide
Concen: 16.980 ug/l
RT: 4.00 min Scan# 751
Delta R.T. -0.01 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion: 76 Resp: 52502
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

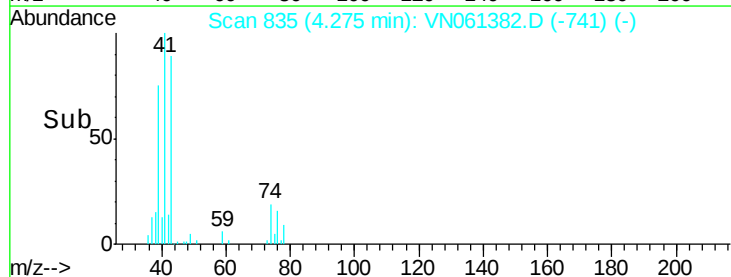
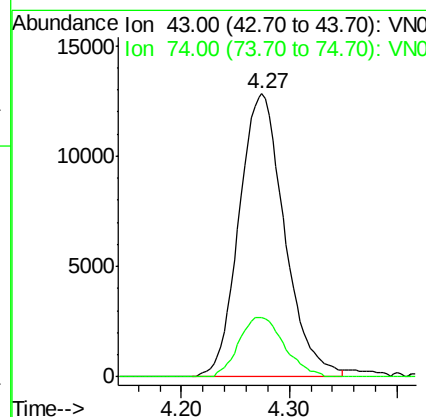
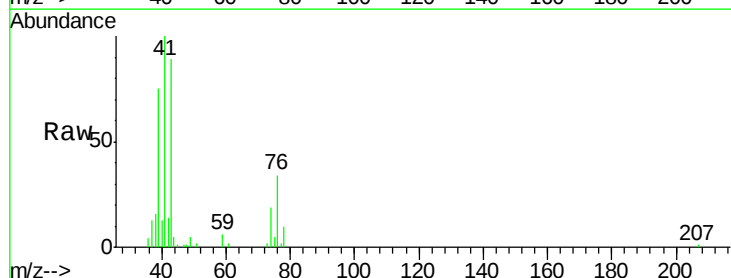
Manual Integrations
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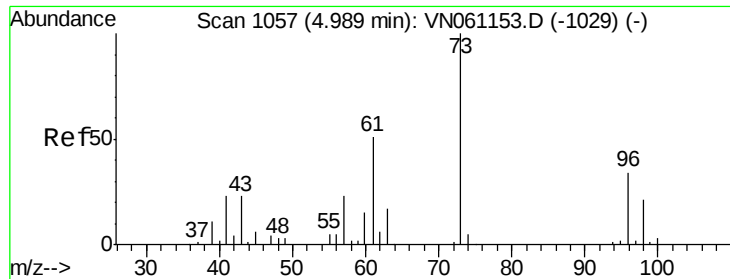
sam
5/12/2020 3:34:02 PM



#18
Methyl Acetate
Concen: 18.120 ug/l
RT: 4.27 min Scan# 835
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 43 Resp: 37468
Ion Ratio Lower Upper
43 100
74 21.0 17.0 25.4





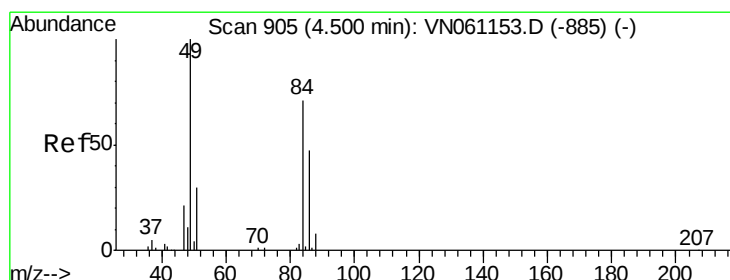
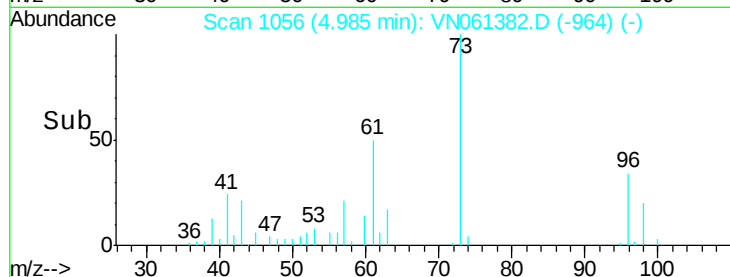
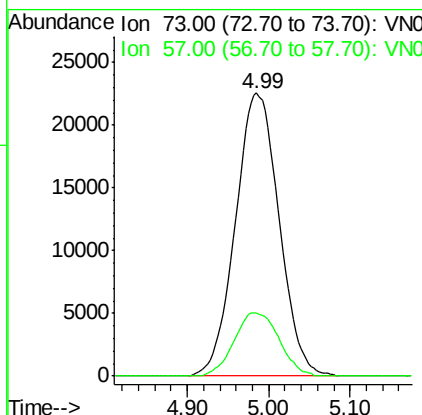
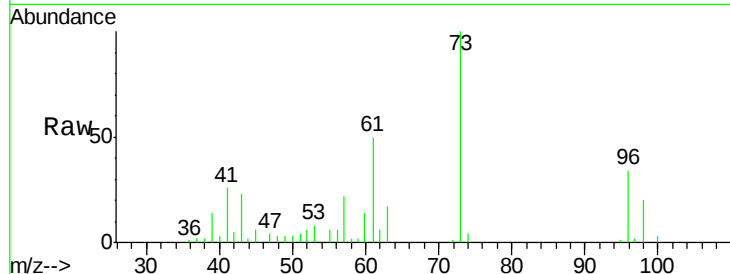
#19
Methyl tert-butyl Ether
Concen: 19.585 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion: 73 Resp: 83768
Ion Ratio Lower Upper
73 100
57 22.3 18.3 27.5

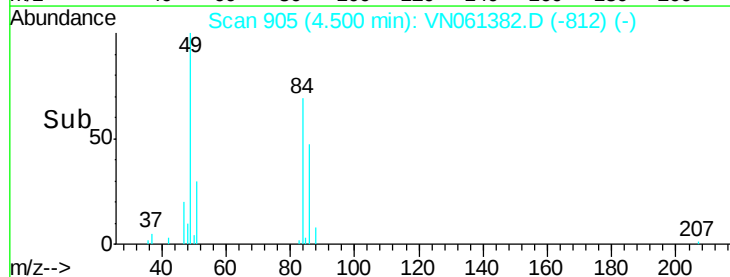
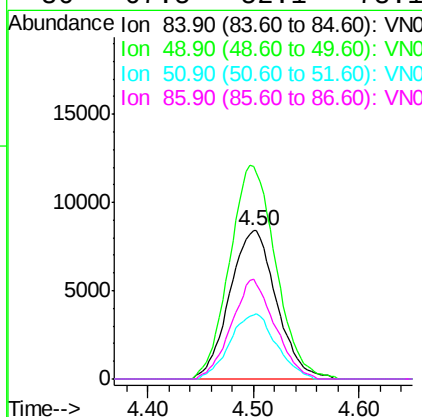
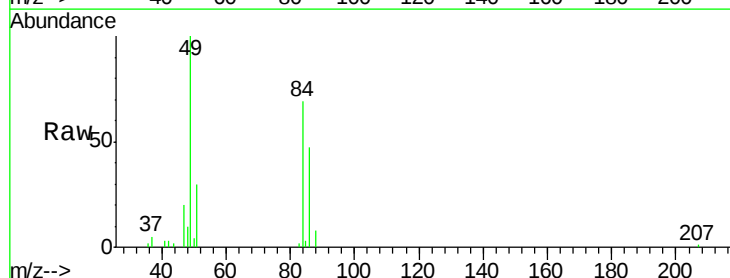
Manual Integrations
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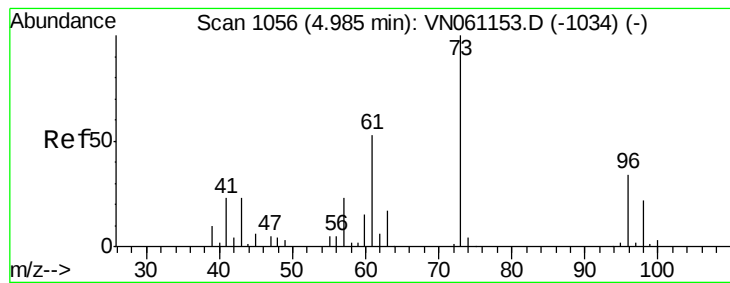
sam
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#20
Methylene Chloride
Concen: 19.809 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 84 Resp: 25930
Ion Ratio Lower Upper
84 100
49 144.1 112.0 168.0
51 43.6 33.6 50.4
86 67.5 52.1 78.1





#21

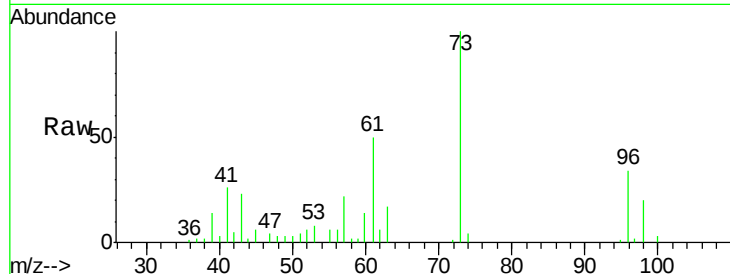
trans-1,2-Dichloroethene
Concen: 19.704 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampled :
VN0511WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	147.8	123.0	184.4
98	58.6	50.1	75.1

Manual Integrations
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sam
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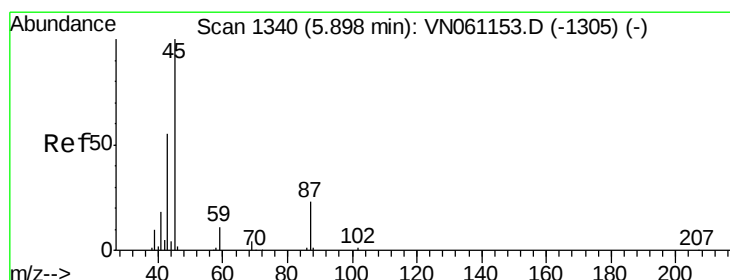
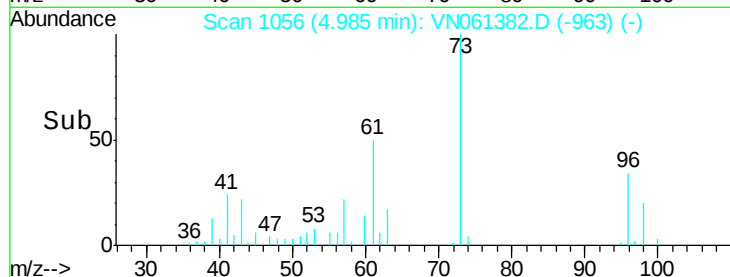
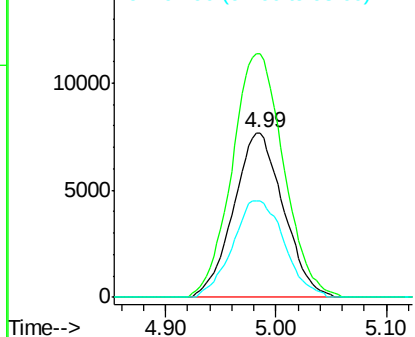


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether
Concen: 20.971 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.8	47.9	71.9
87	23.2	19.2	28.8
59	11.6	9.0	13.4

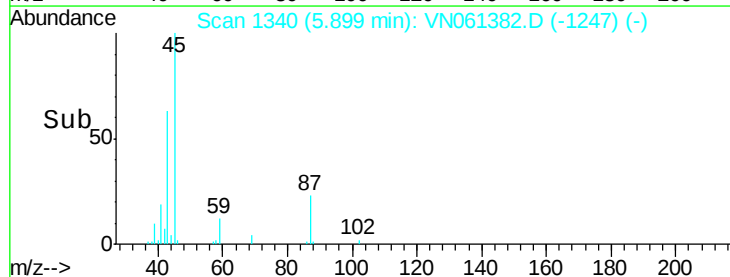
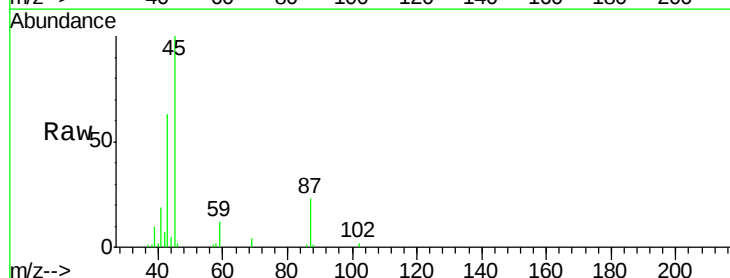
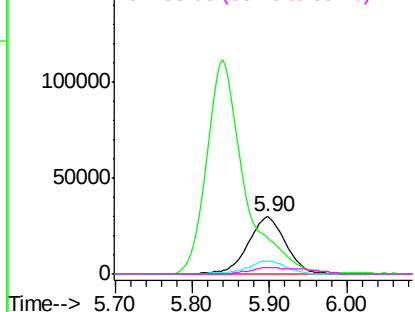
Abundance

Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





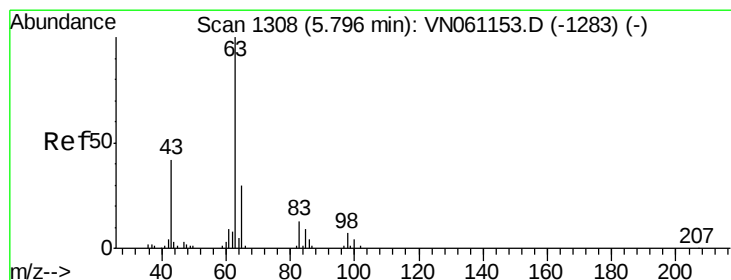
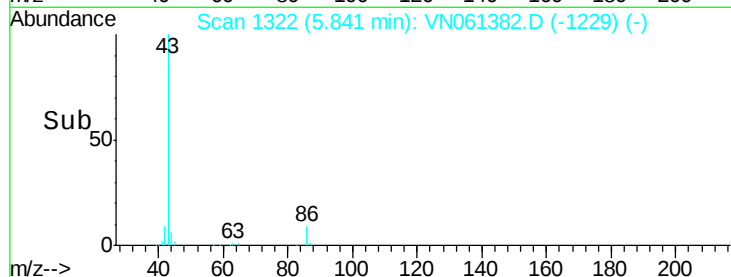
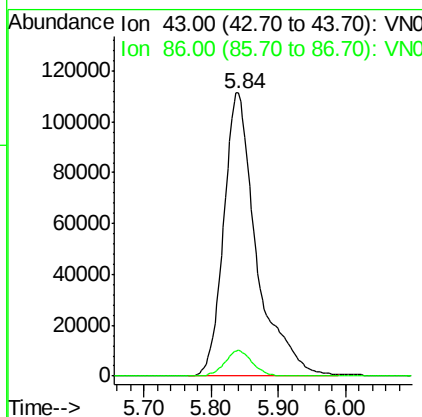
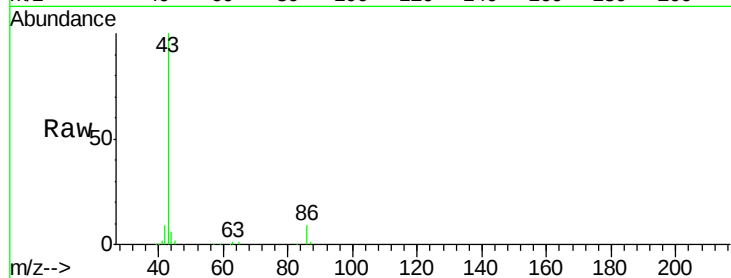
#23
 Vinyl Acetate
 Concen: 97.762 ug/l
 RT: 5.84 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Tot Ion	43	Resp	378852
Ion Ratio	Lower	Upper	
43	100		
86	9.1	7.2	10.8

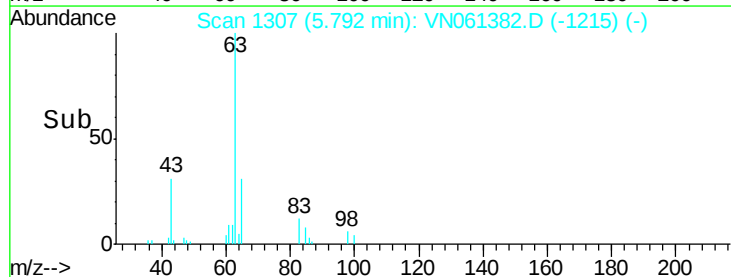
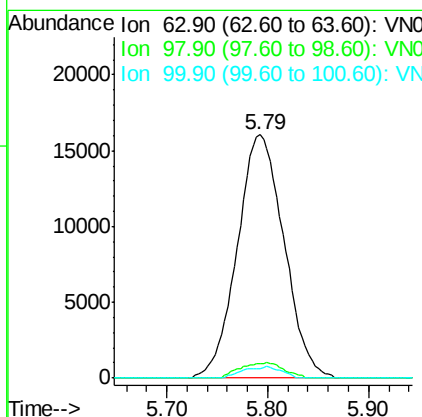
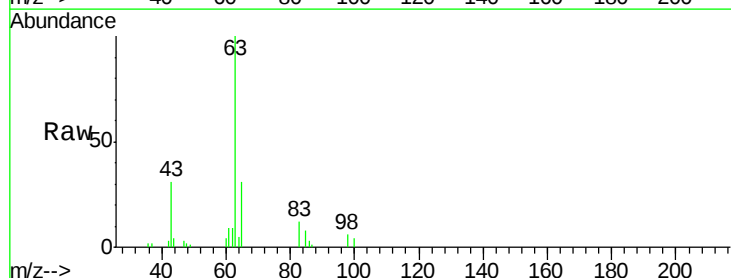
Manual Integrations
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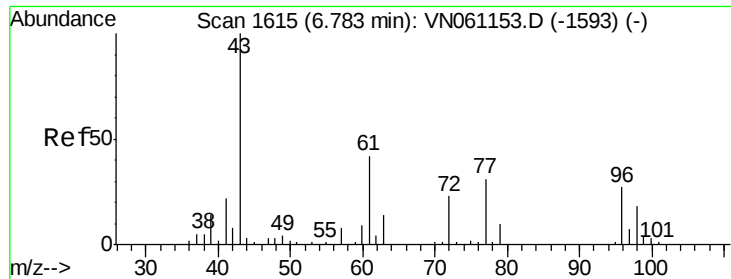
sam
 5/12/2020 3:34:02 PM



#24
 1,1-Dichloroethane
 Concen: 20.484 ug/l
 RT: 5.79 min Scan# 1307
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion	63	Resp	51509
Ion Ratio	Lower	Upper	
63	100		
98	5.9	3.3	9.9
100	3.8	1.9	5.7





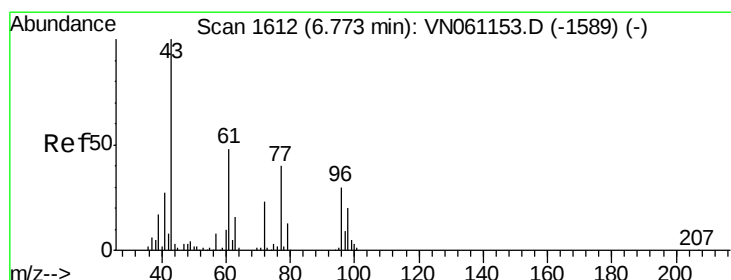
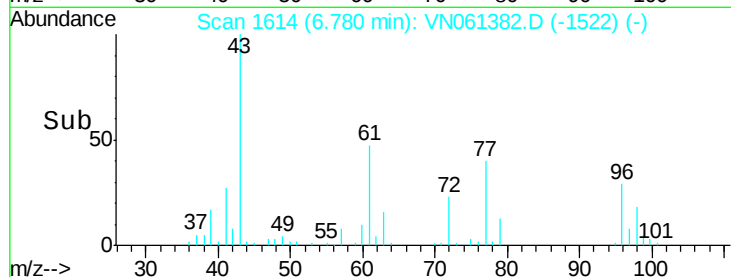
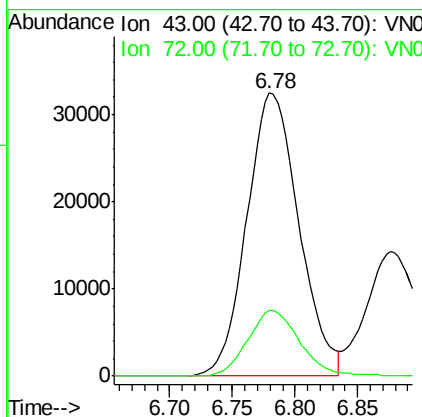
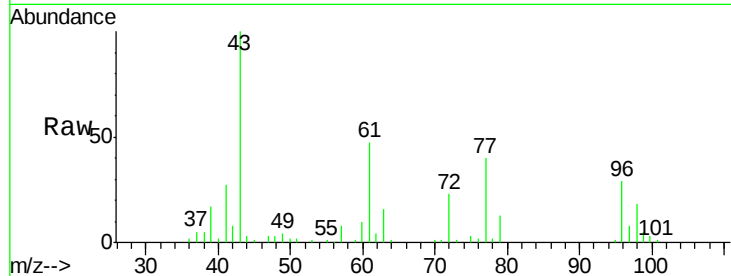
#25
2-Butanone
Concen: 94.486 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampled :
VN0511WBS01

Tot Ion: 43 Resp: 93857
Ion Ratio Lower Upper
43 100
72 23.1 18.2 27.4

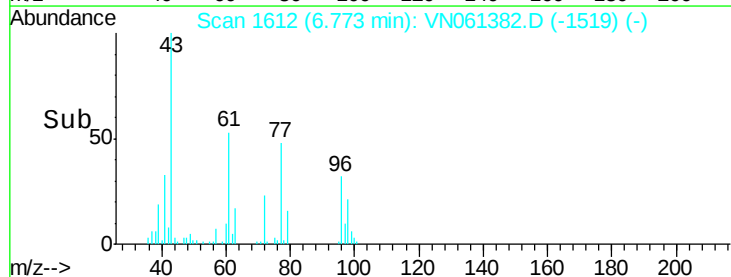
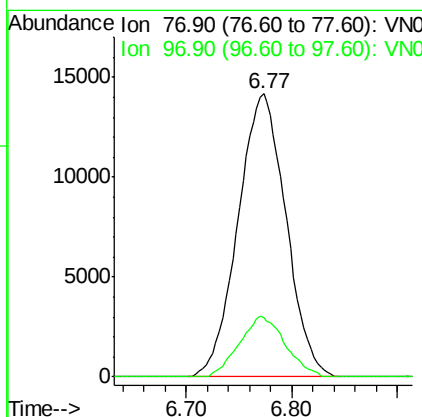
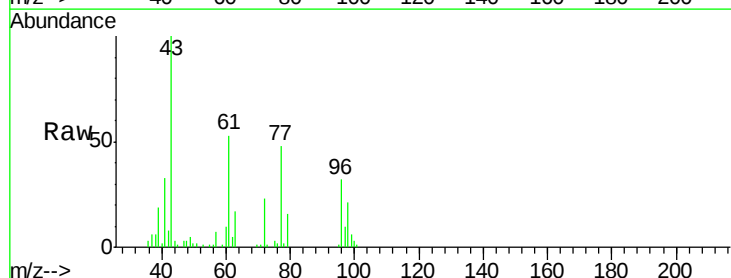
Manual Integrations
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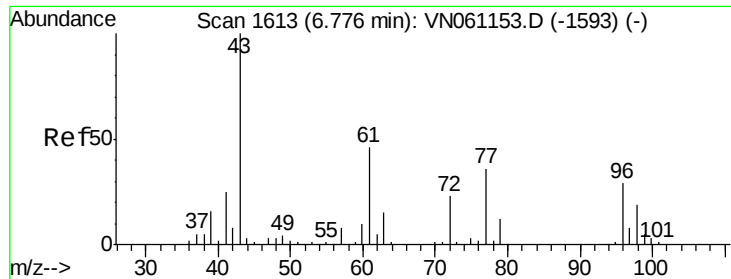
sam
5/12/2020 3:34:02 PM



#26
2,2-Dichloropropane
Concen: 21.118 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 77 Resp: 44730
Ion Ratio Lower Upper
77 100
97 20.4 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 19.286 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

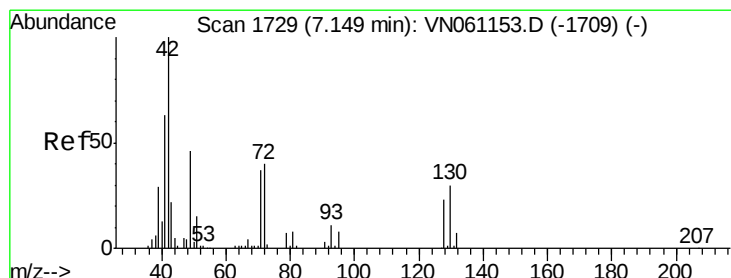
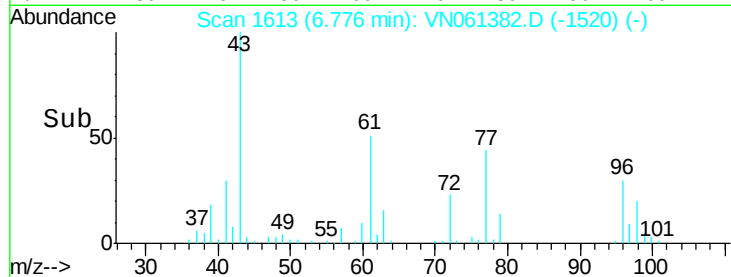
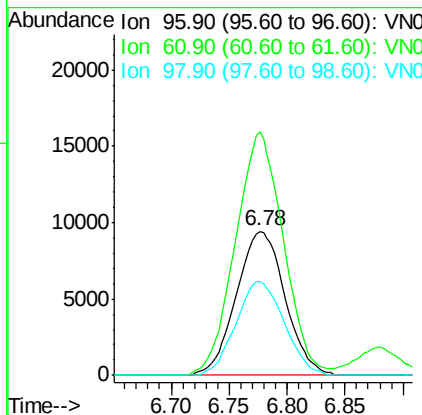
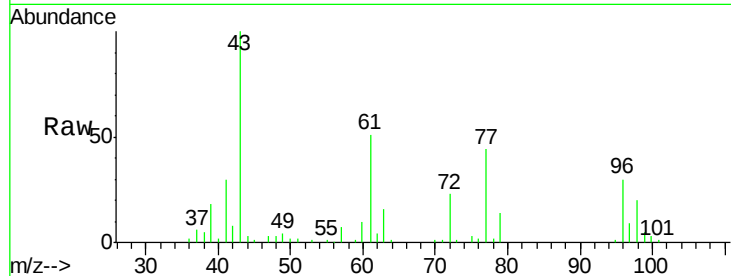
ClientSampleId :

VN0511WBS01

Tot Ion:	96	Resp:	27586
Ion	Ratio	Lower	Upper
96	100		
61	165.7	0.0	322.0
98	64.3	0.0	129.6

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#28

Bromochloromethane

Concen: 23.016 ug/l

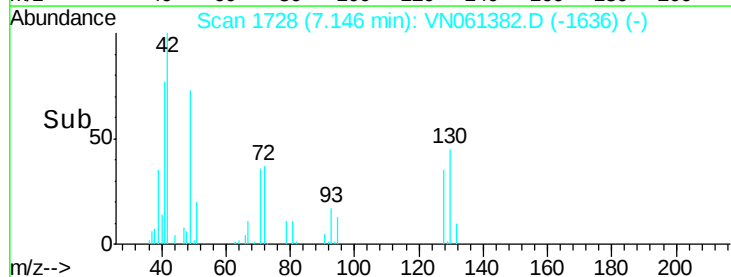
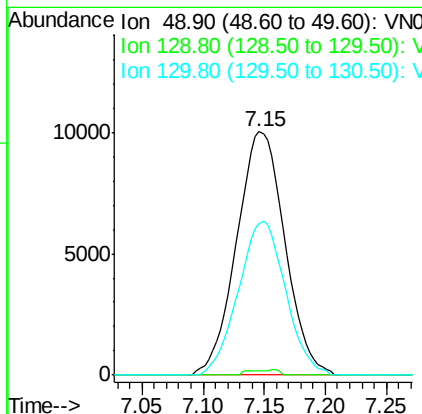
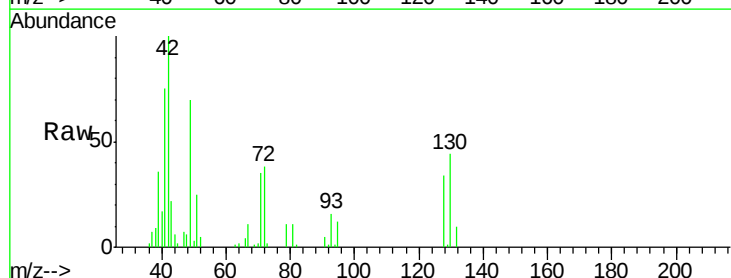
RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Tgt Ion:	49	Resp:	27432
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	3.0
130	61.8	51.4	77.2





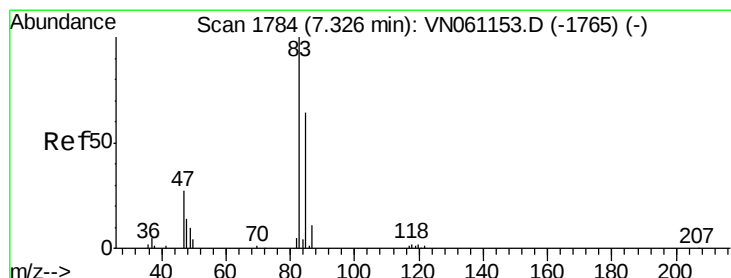
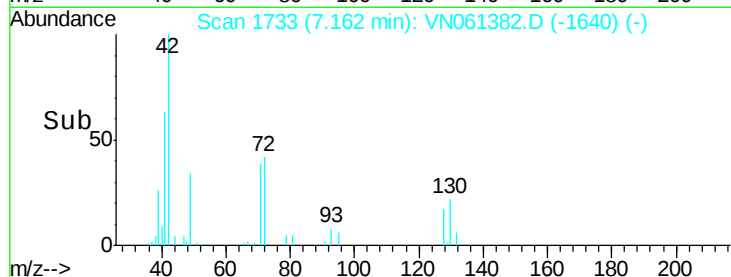
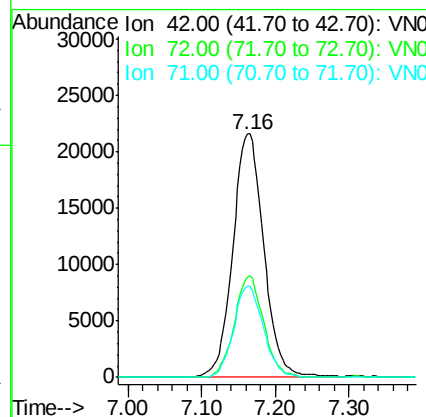
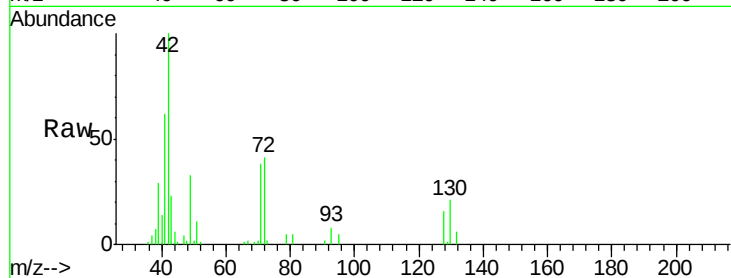
#29
Tetrahydrofuran
Concen: 94.655 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.1	31.4	47.0
71	35.7	29.5	44.3

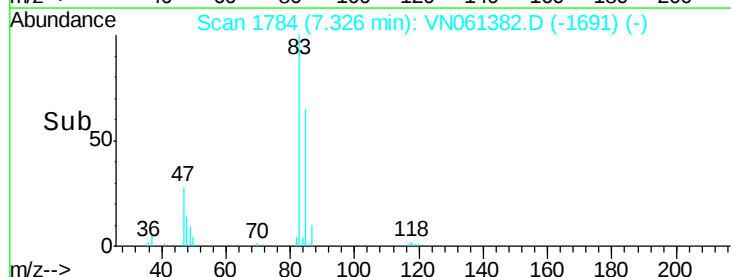
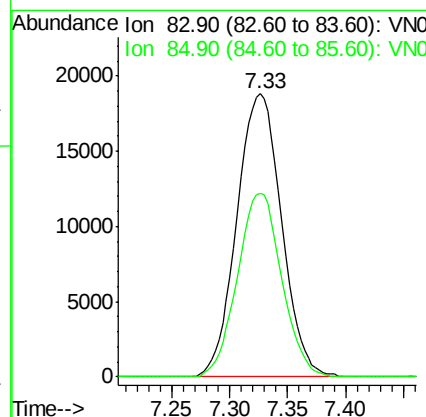
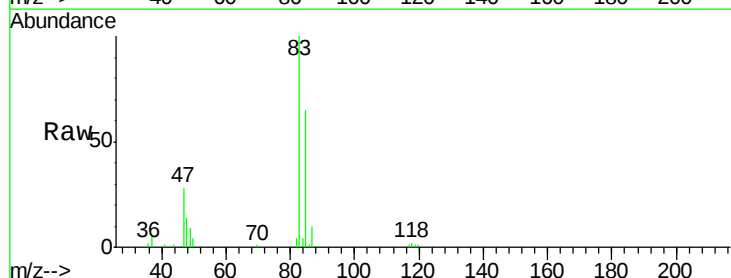
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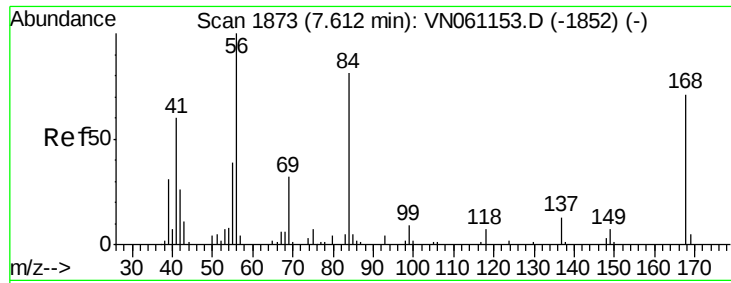
sam
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#30
Chloroform
Concen: 19.806 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.1	76.7





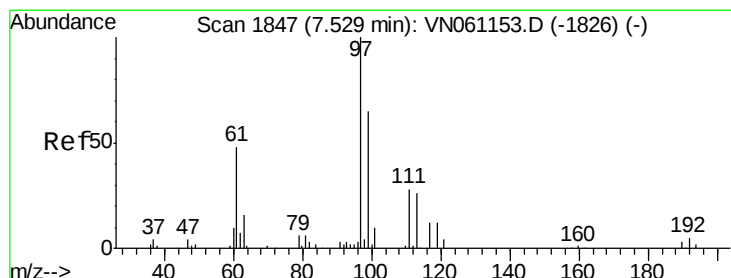
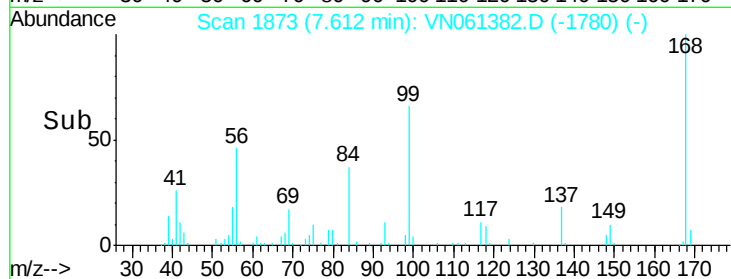
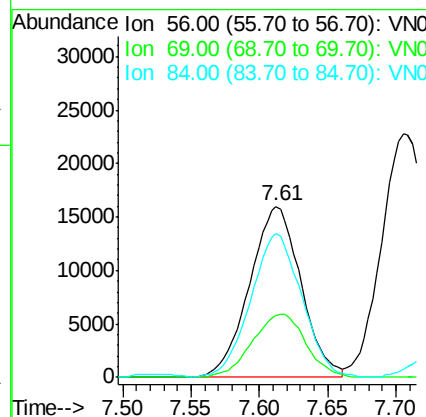
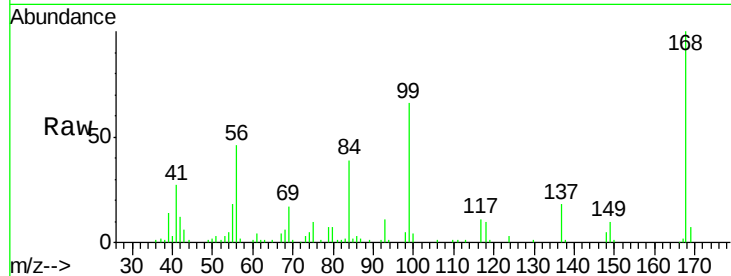
#31
Cyclohexane
Concen: 17.116 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.2	25.7	38.5
84	84.2	64.6	97.0

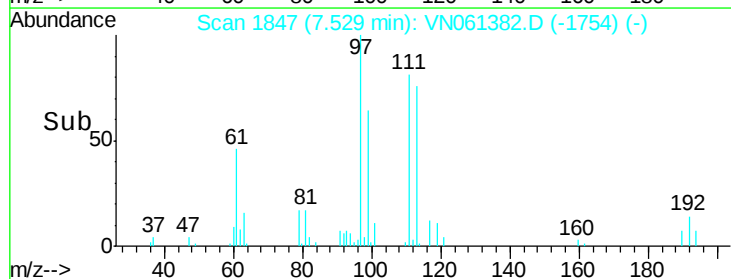
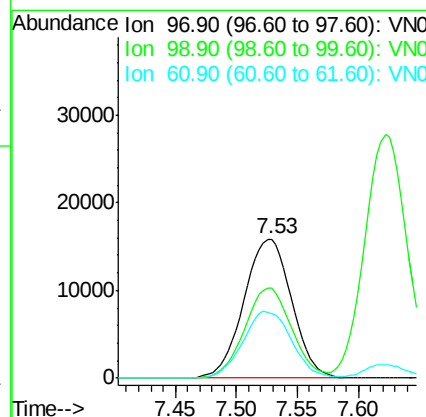
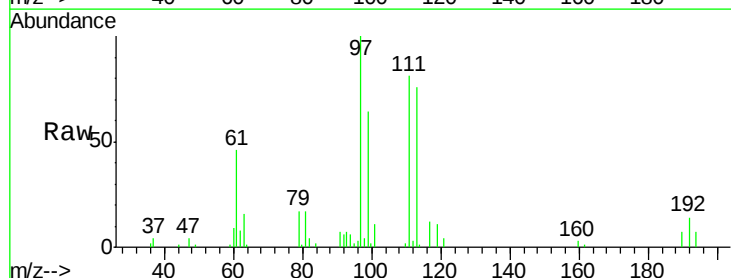
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#32
1,1,1-Trichloroethane
Concen: 19.405 ug/l
RT: 7.53 min Scan# 1847
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.3	76.9
61	48.8	38.6	57.8





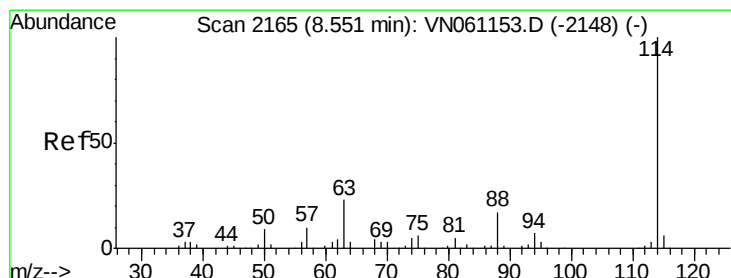
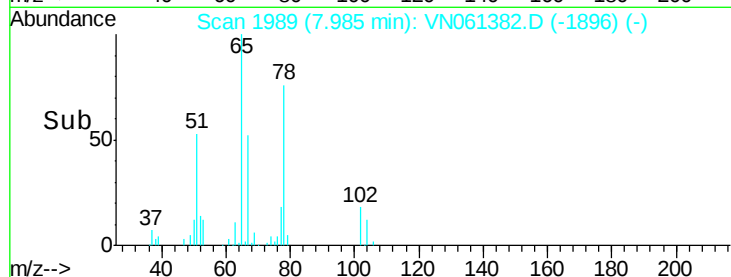
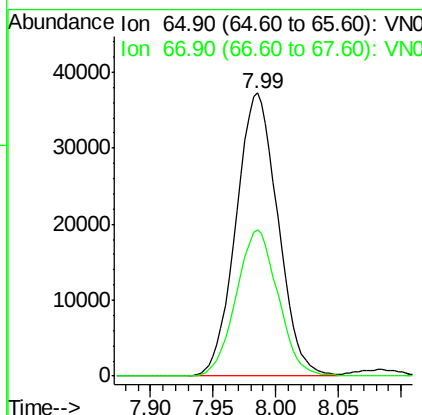
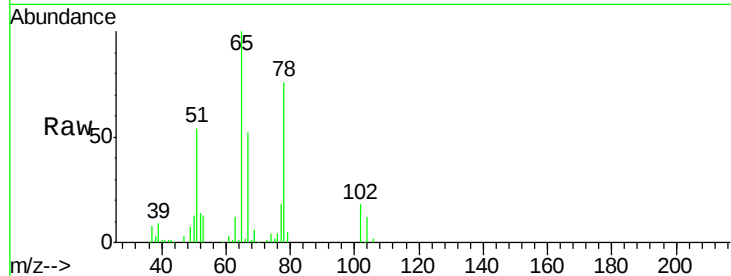
#33
 1,2-Dichloroethane-d4
 Concen: 51.618 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	101.6

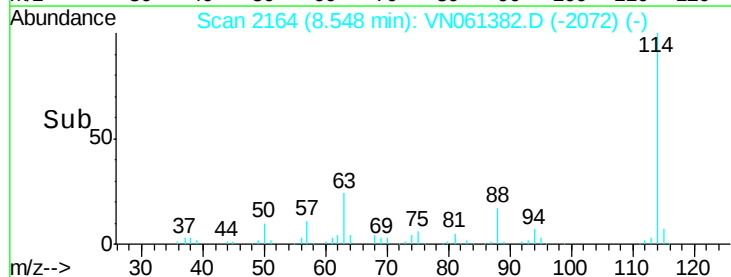
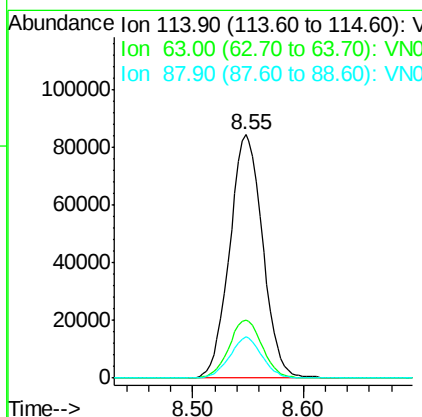
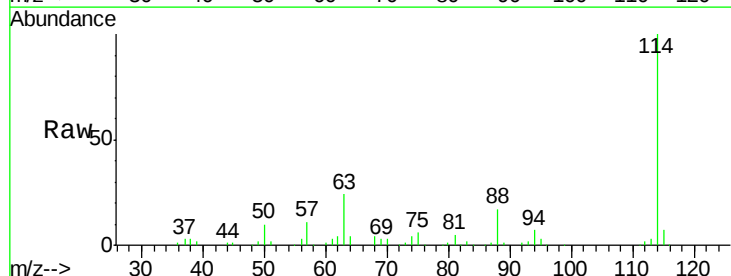
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	24.0	0.0	46.6
88	16.8	0.0	33.4





#35

Dibromofluoromethane

Concen: 51.658 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

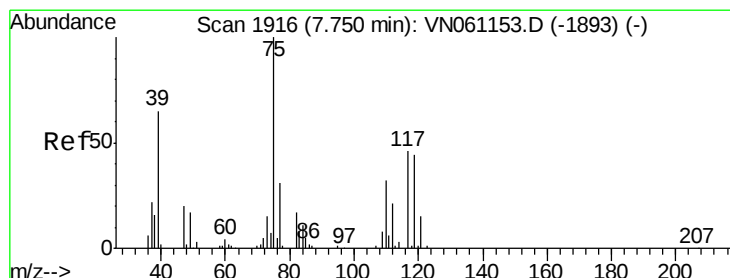
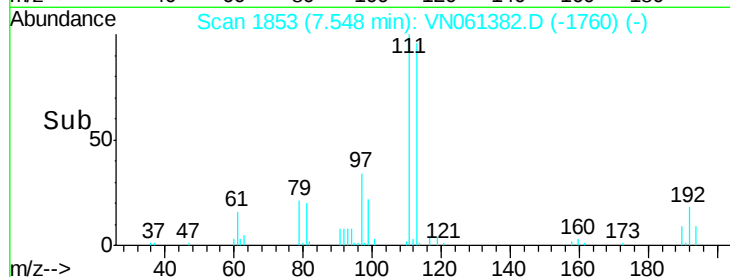
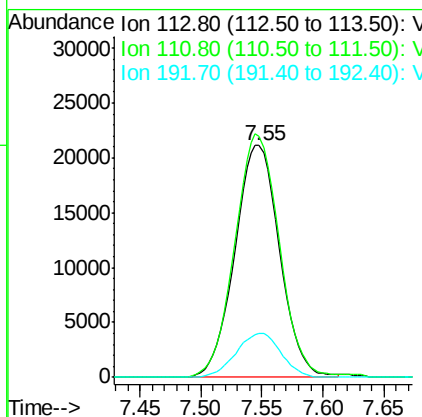
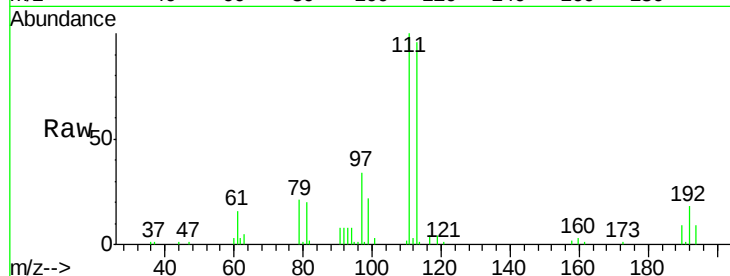
ClientSampleId :

VN0511WBS01

Tot Ion:	113	Resp:	53671
Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.9	124.3
192	19.1	14.7	22.1

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#36

1,1-Dichloropropene

Concen: 20.202 ug/l

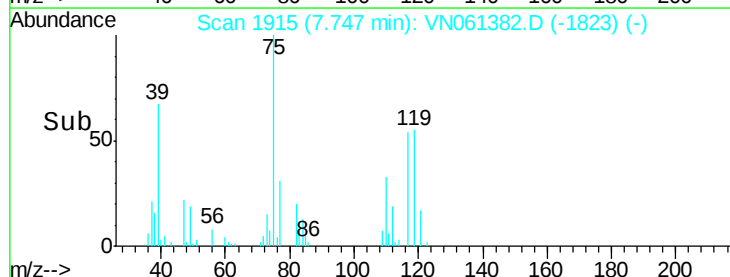
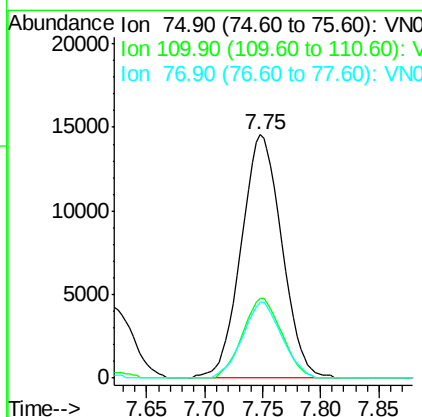
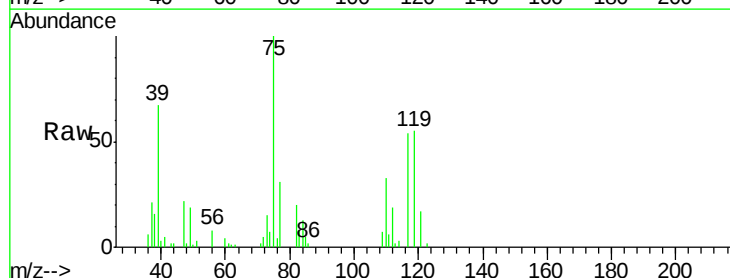
RT: 7.75 min Scan# 1915

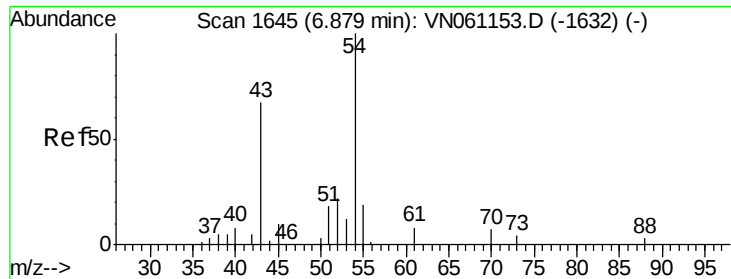
Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Tgt Ion:	75	Resp:	35533
Ion	Ratio	Lower	Upper
75	100		
110	31.4	16.0	48.0
77	30.2	24.6	37.0





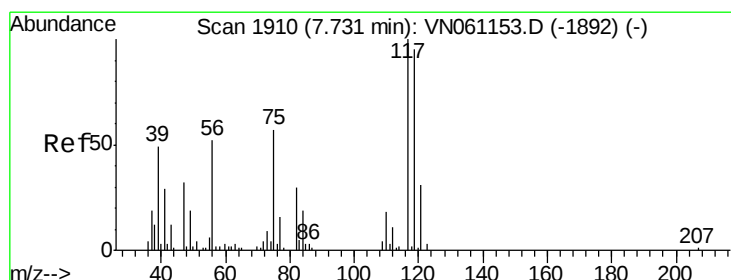
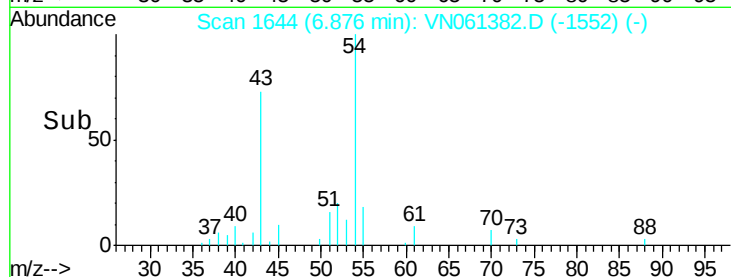
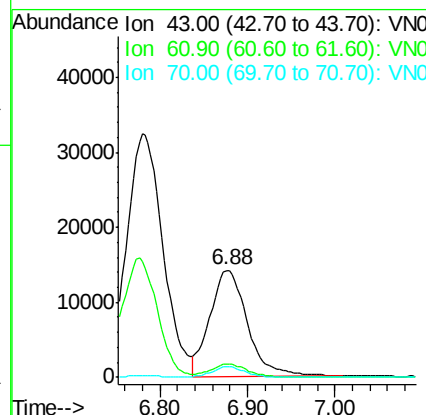
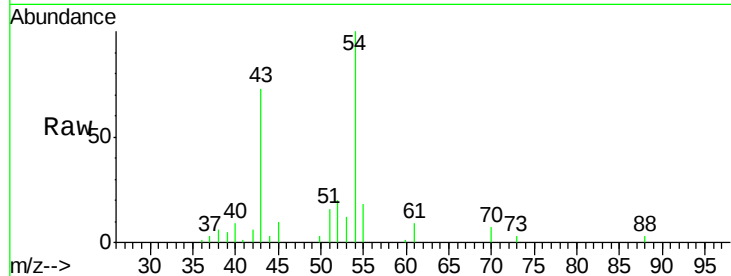
#37
Ethyl Acetate
Concen: 20.474 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.2	15.2
70	8.4	7.2	10.8

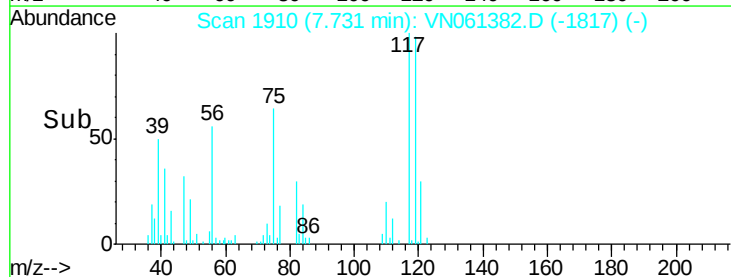
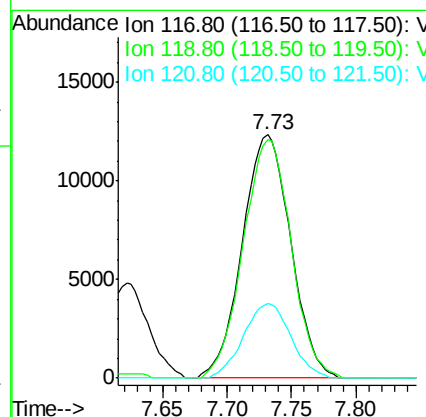
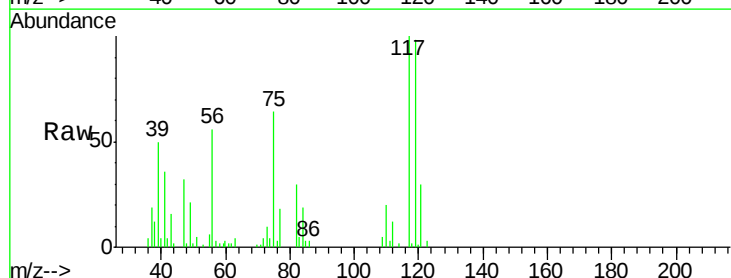
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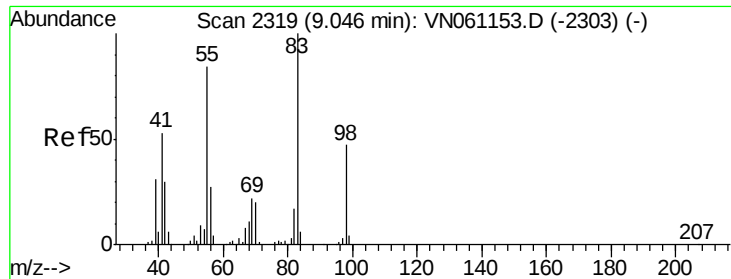
sam
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#38
Carbon Tetrachloride
Concen: 21.460 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.6
121	30.5	24.7	37.1





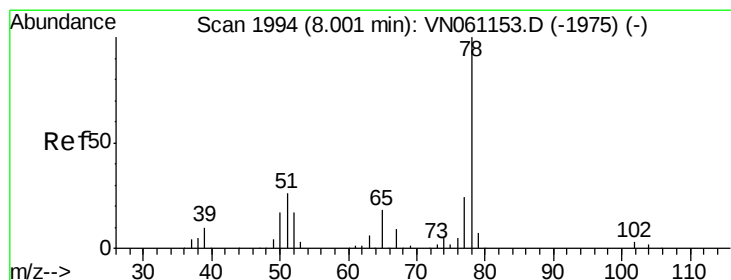
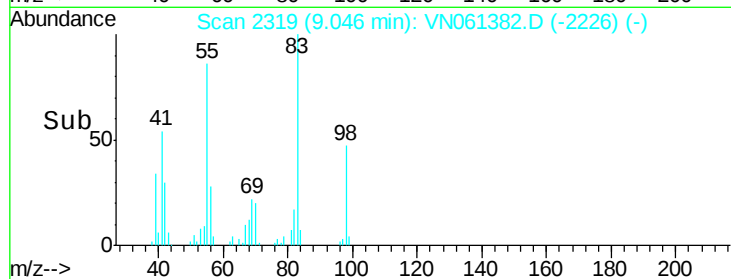
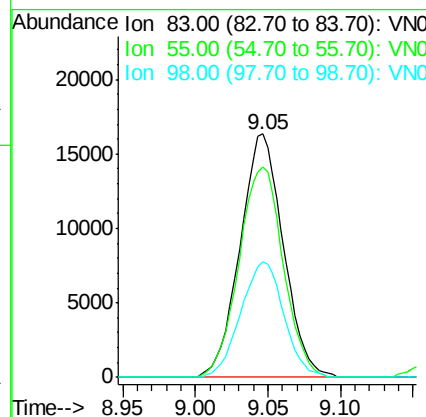
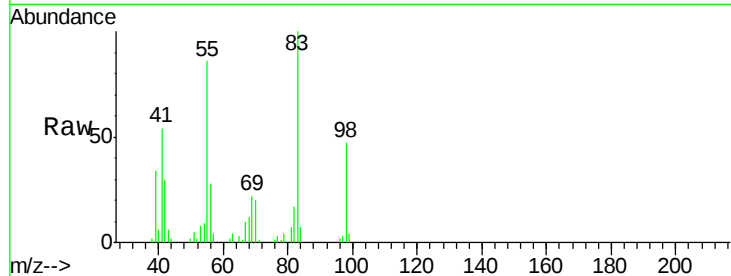
#39
Methvlcvclohexane
Concen: 17.160 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	83	Resp	33847
Ion Ratio	Lower	Upper	
83	100		
55	86.3	67.3	100.9
98	47.4	37.7	56.5

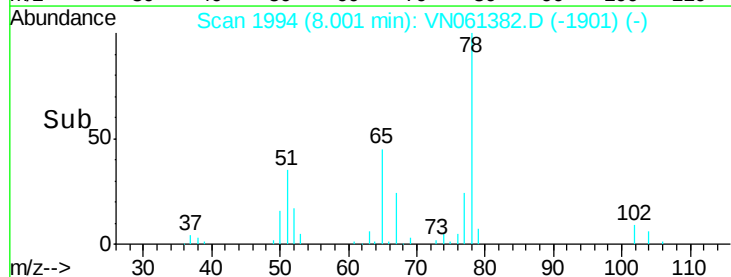
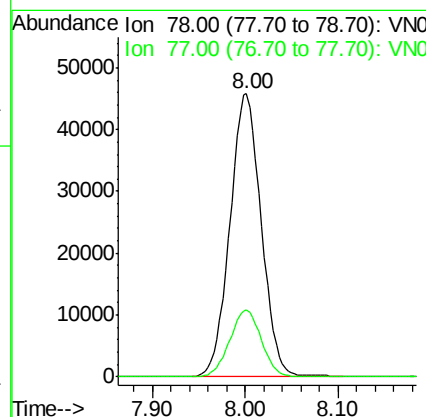
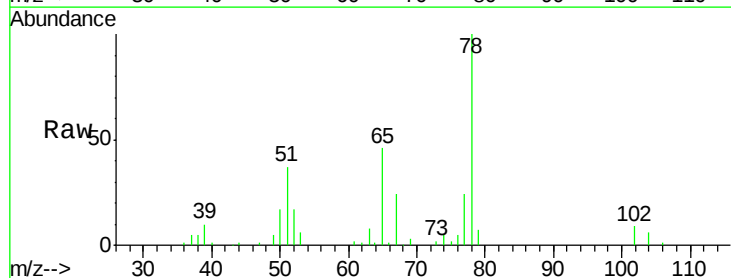
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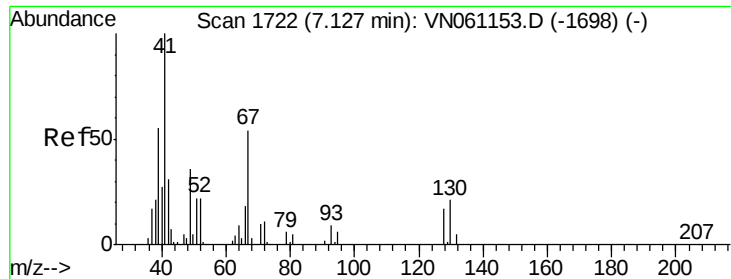
sam
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#40
Benzene
Concen: 20.440 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	78	Resp	107108
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.0	28.6





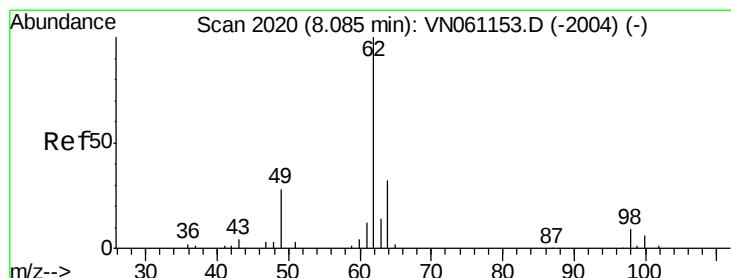
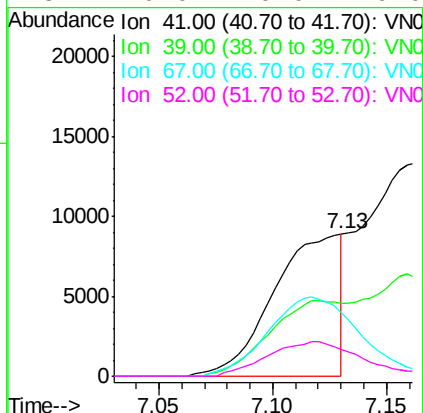
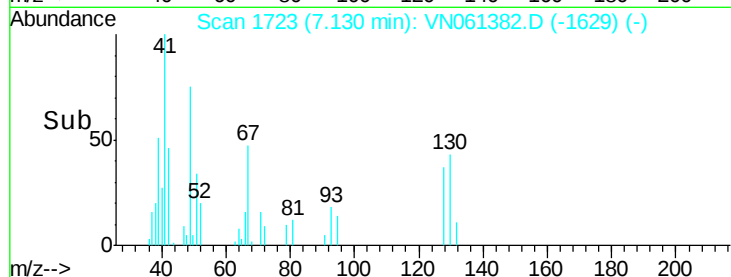
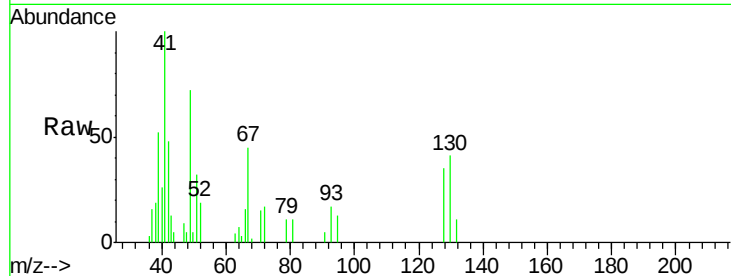
#41
Methacrylonitrile
Concen: 21.484 ug/l m
RT: 7.13 min Scan# 1723
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	0.0	0.0	0.0	0.0
67	0.0	0.0	0.0	0.0
52	0.0	0.0	0.0	0.0

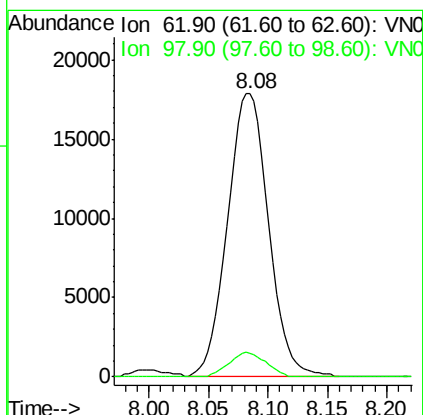
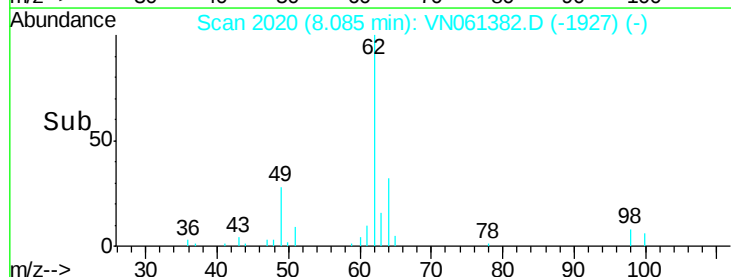
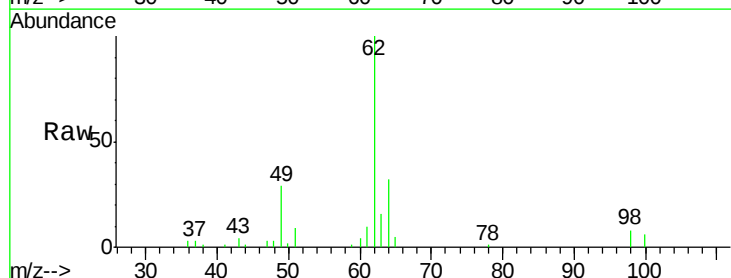
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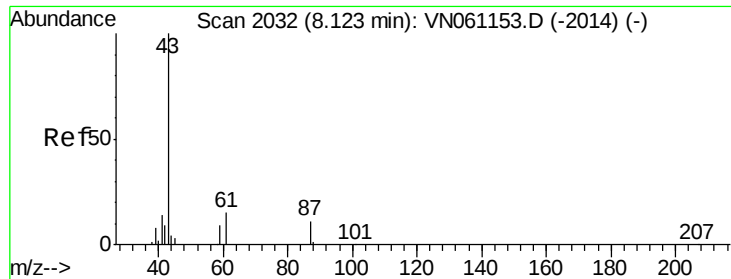
sam
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#42
1,2-Dichloroethane
Concen: 21.538 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
62	100			
98	7.7	0.0	16.8	





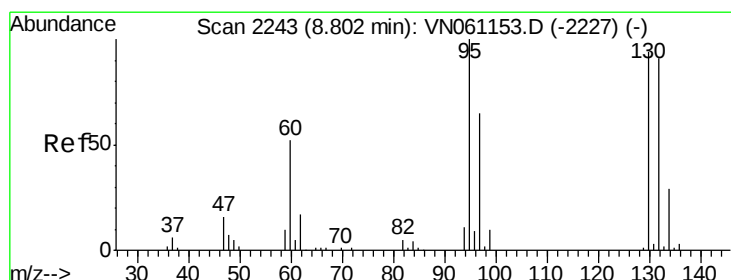
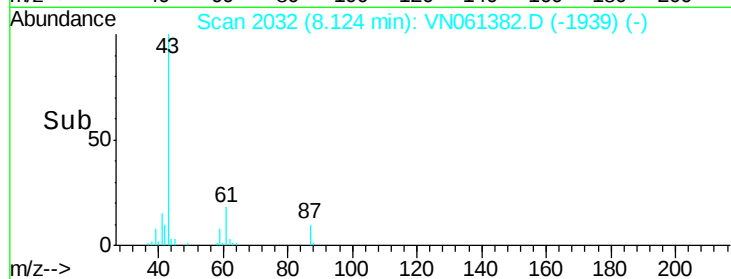
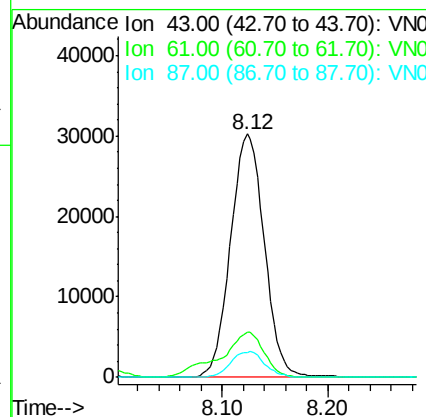
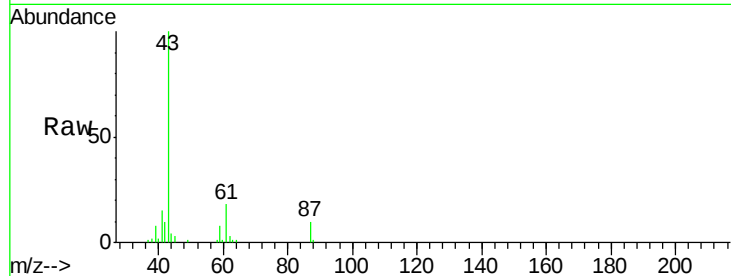
#43
Isopropyl Acetate
Concen: 19.635 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.2	19.5	29.3
87	10.6	8.9	13.3

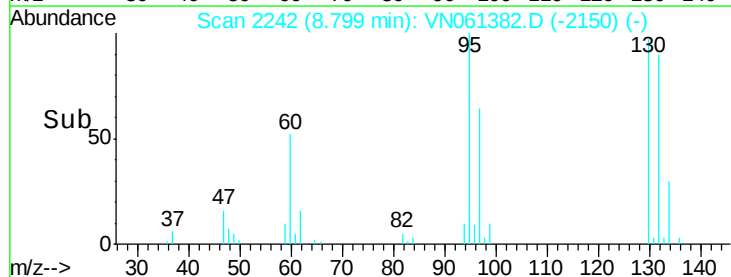
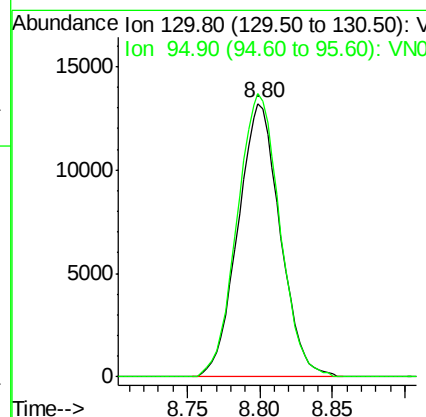
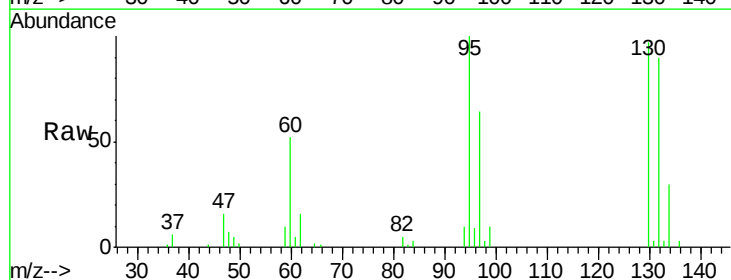
Manual Integrations
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#44
Trichloroethene
Concen: 18.839 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	212.4





#45

1,2-Dichloropropane

Concen: 21.420 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0511WBS01

Tot Ion: 63 Resp: 29986

Ion Ratio Lower Upper

63 100

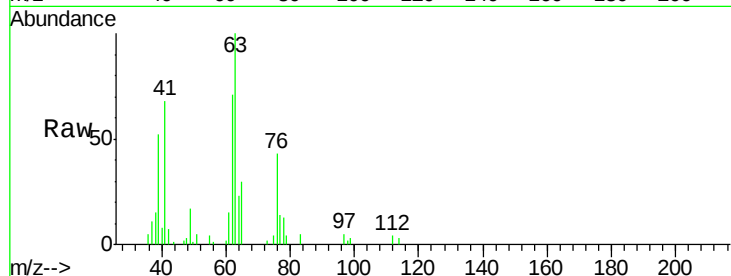
65 30.4 24.7 37.1

Manual Integrations

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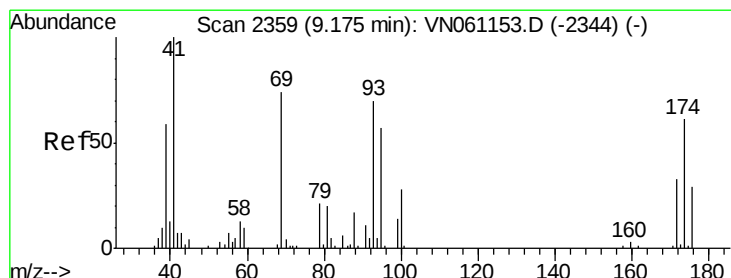
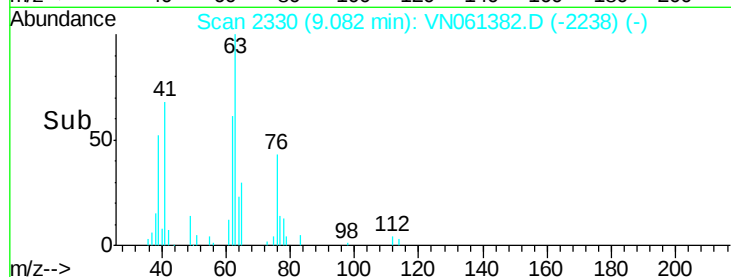
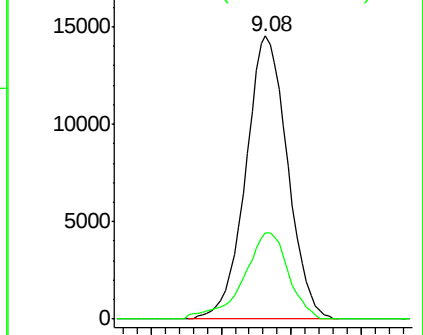
sam

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.024 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

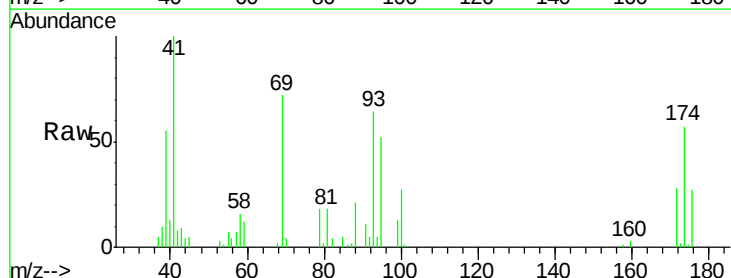
Tgt Ion: 93 Resp: 18223

Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

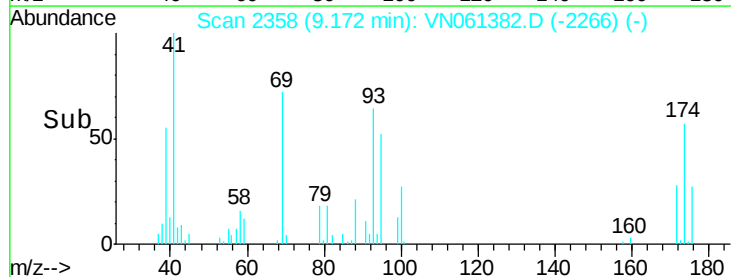
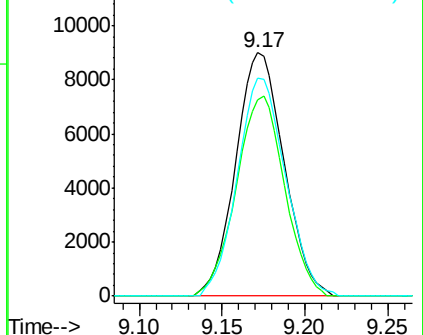
174 89.6 70.2 105.2

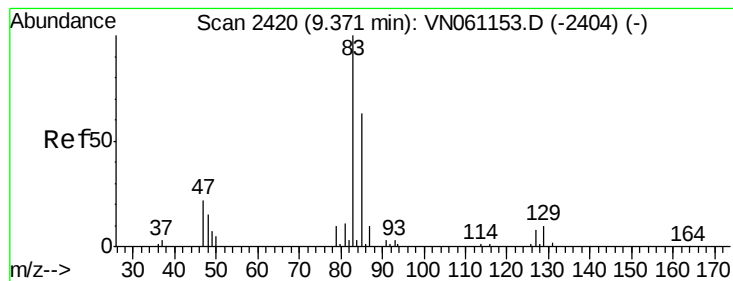


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.423 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

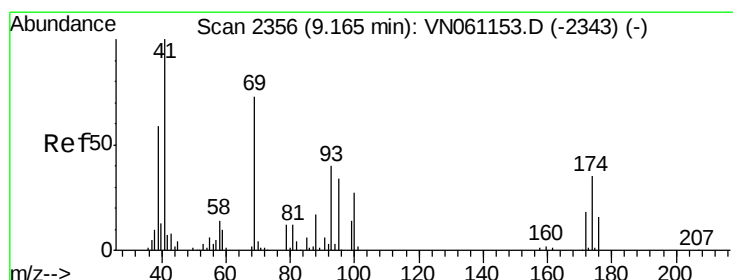
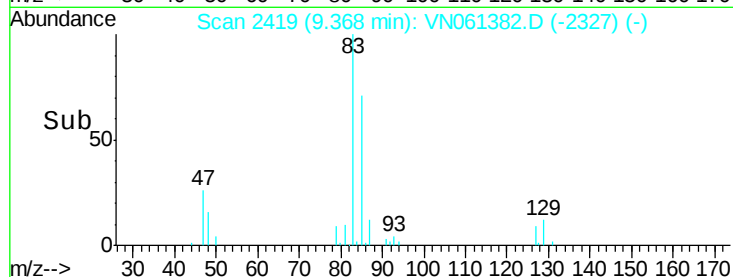
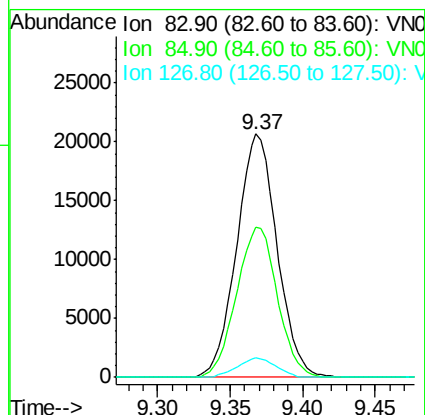
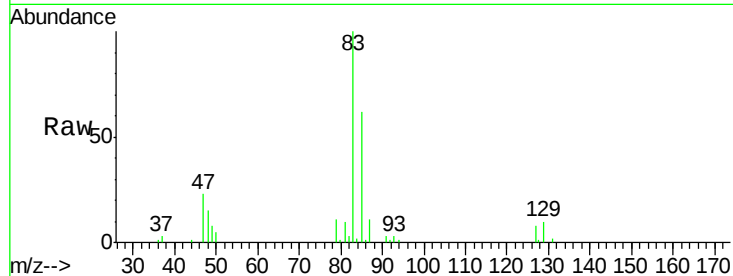
ClientSampleId :

VN0511WBS01

Tot Ion:	83	Resp:	39858
Ion Ratio	Lower	Upper	
83	100		
85	61.7	50.4	75.6
127	7.8	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.910 ug/l

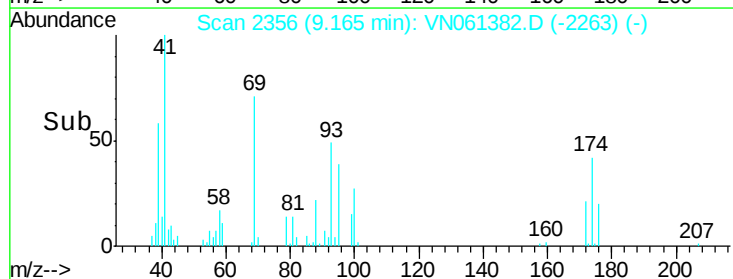
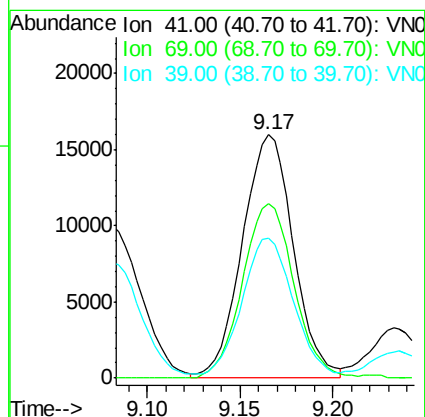
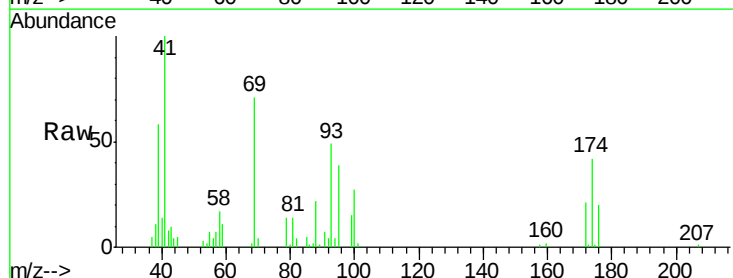
RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Tgt Ion:	41	Resp:	30745
Ion Ratio	Lower	Upper	
41	100		
69	72.1	60.3	90.5
39	58.6	47.4	71.0





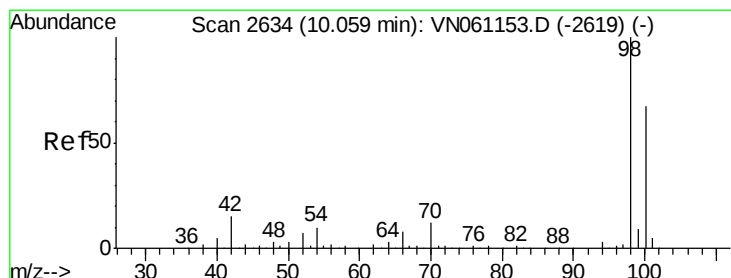
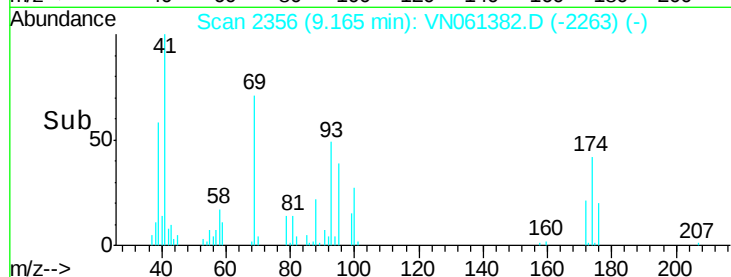
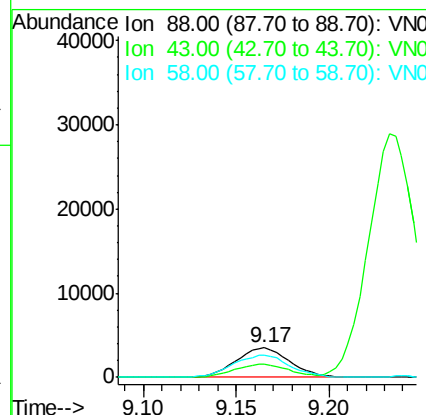
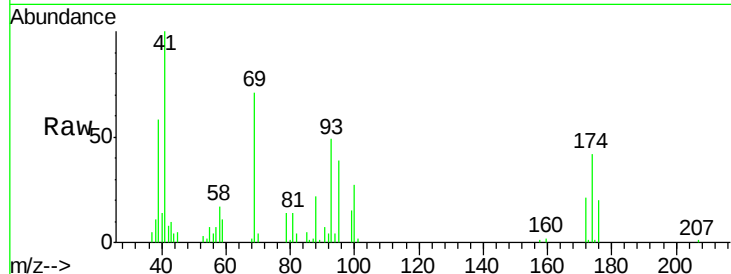
#49
1,4-Dioxane
Concen: 401.914 ug/l
RT: 9.17 min Scan# 2356
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Resp	Lower	Upper
88	100	7045		
43	45.1		35.3	52.9
58	78.7		61.5	92.3

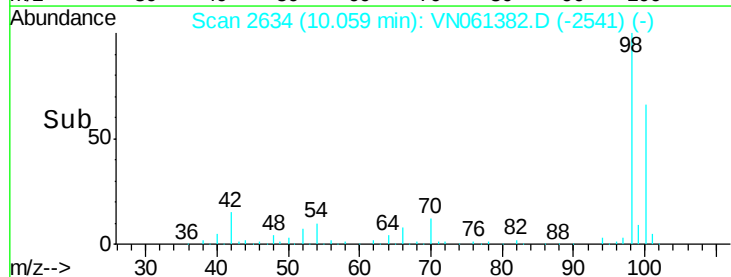
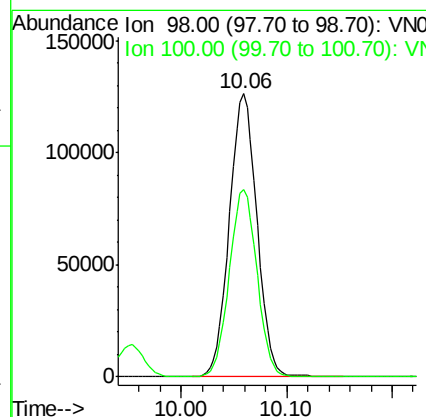
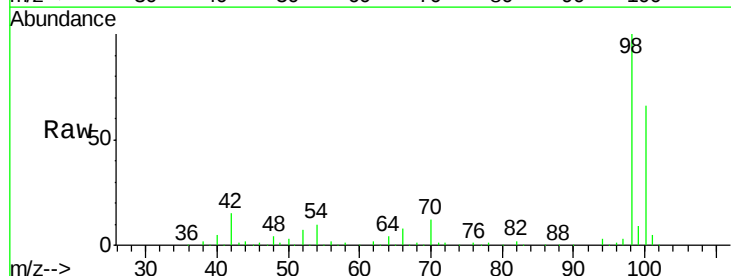
Manual Integrations
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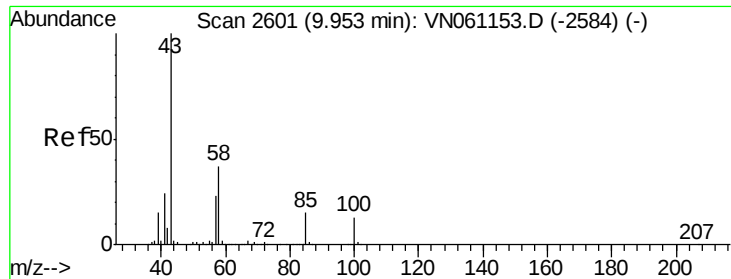
sam
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#50
Toluene-d8
Concen: 54.033 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	228848		
100	66.4		53.4	80.0





#51

4-Methyl-2-Pentanone

Concen: 100.879 ug/l

RT: 9.95 min Scan# 2600

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0511WBS01

Tot Ion: 43 Resp: 203197

Ion Ratio Lower Upper

43 100

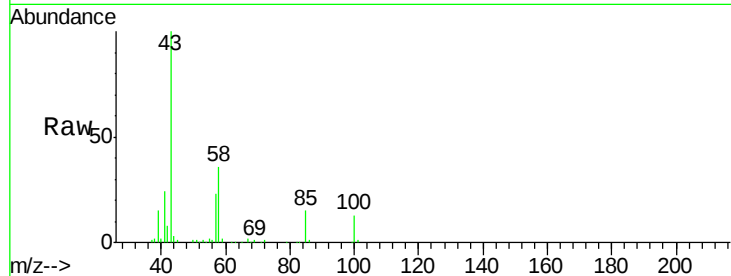
58 36.3 29.1 43.7

Manual Integrations

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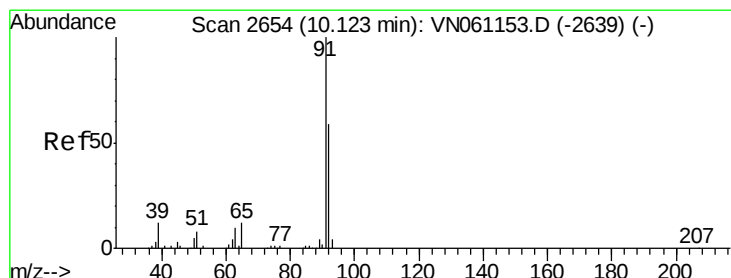
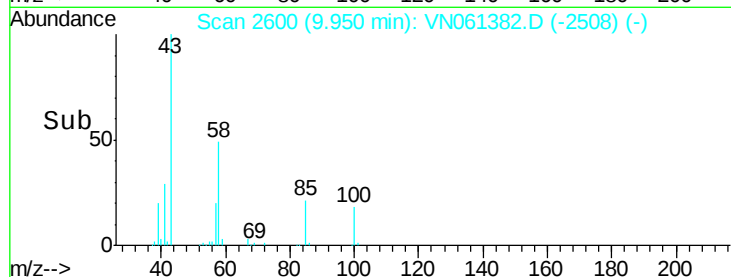
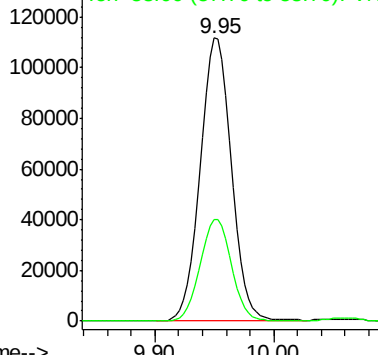
sam

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.534 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061382.D

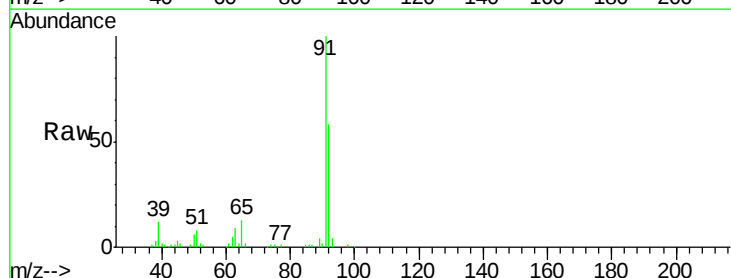
Acq: 11 May 2020 12:02

Tgt Ion: 92 Resp: 64809

Ion Ratio Lower Upper

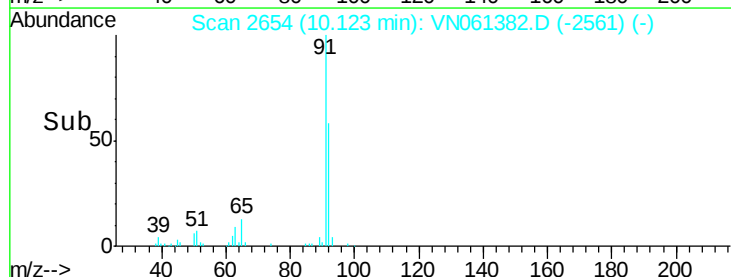
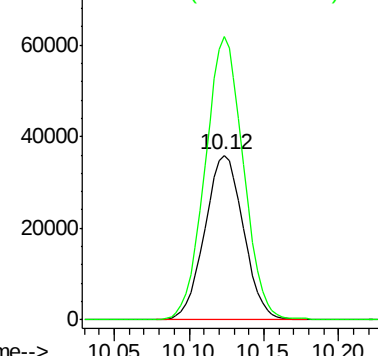
92 100

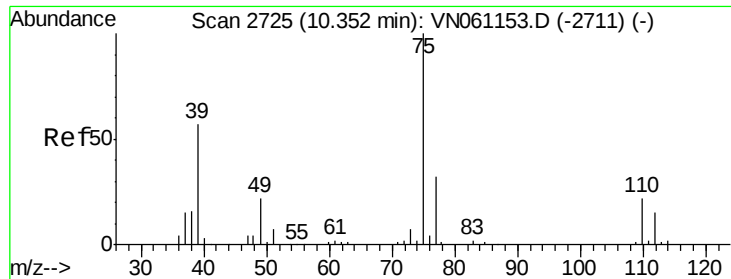
91 169.9 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





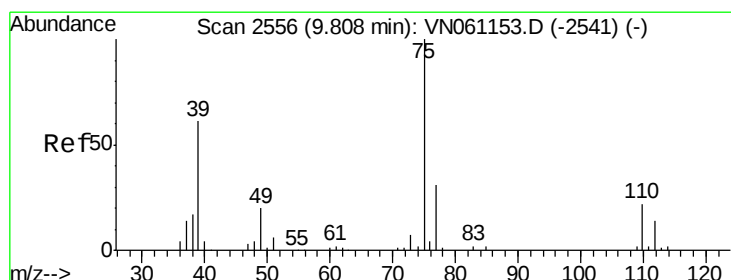
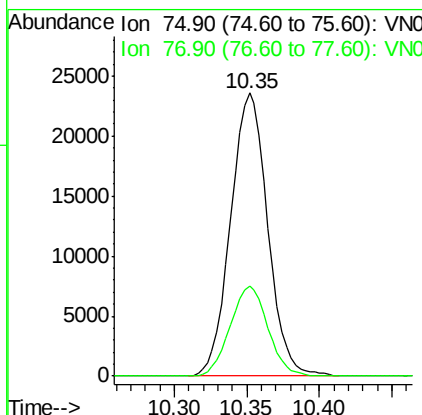
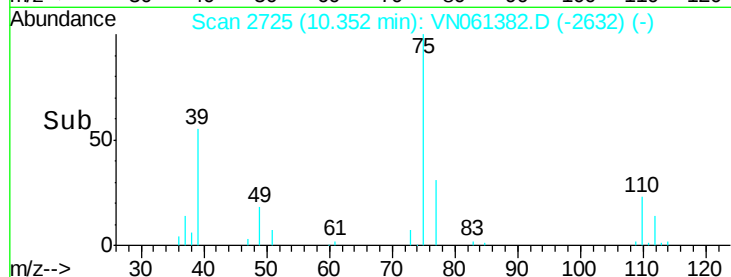
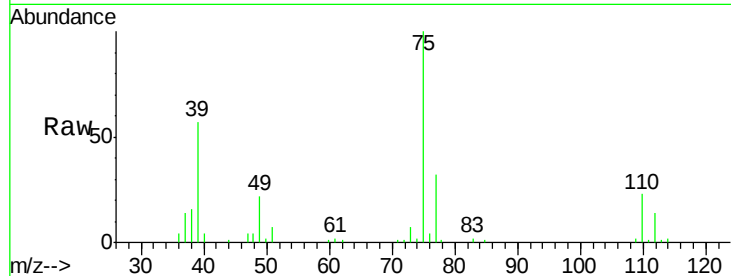
#53
t-1,3-Dichloropropene
Concen: 19.918 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.5	38.3

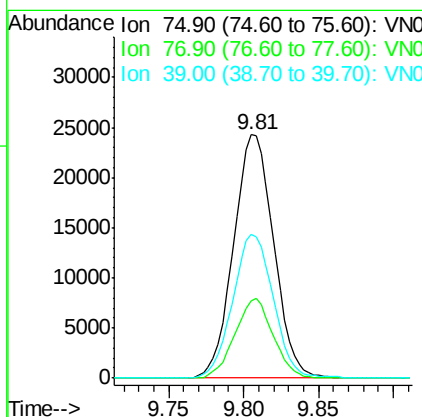
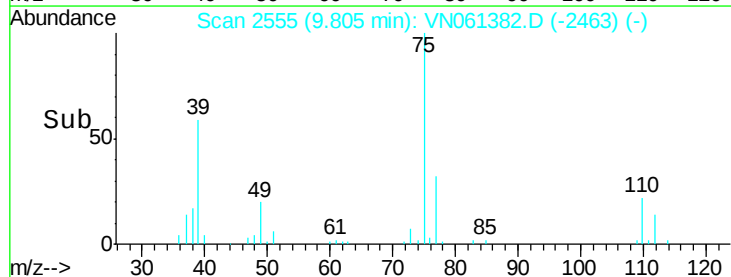
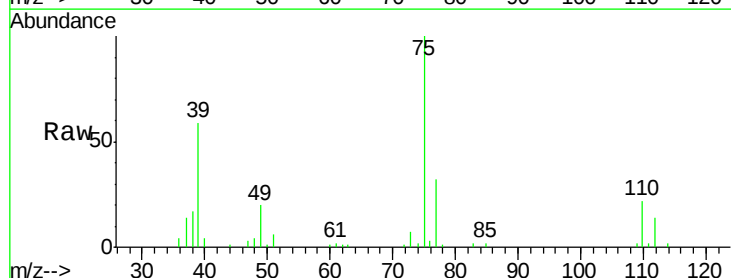
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 20.478 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.0	37.4
39	59.0	48.7	73.1





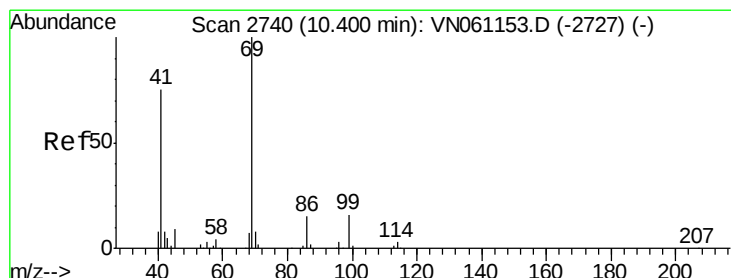
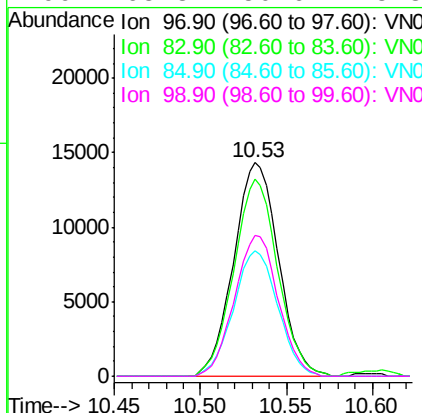
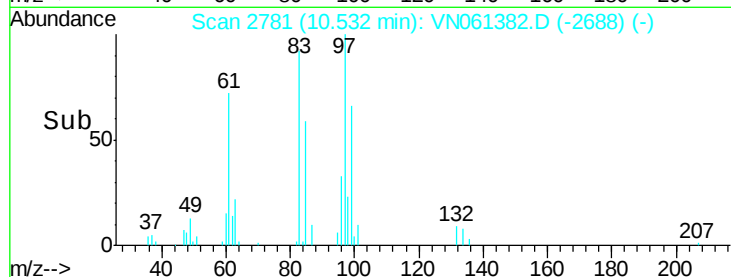
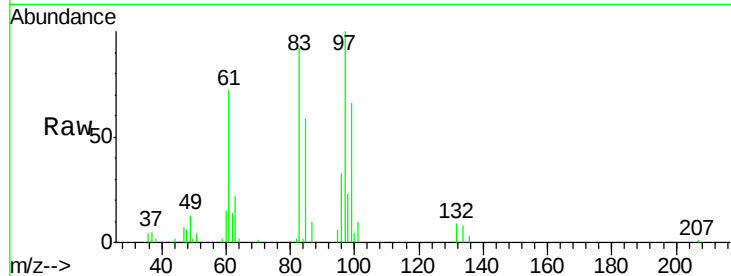
#55
 1,1,2-Trichloroethane
 Concen: 20.542 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Tot Ion:	97	Resp:	25861
Ion	Ratio	Lower	Upper
97	100		
83	92.1	70.6	106.0
85	58.8	46.4	69.6
99	65.8	50.6	75.8

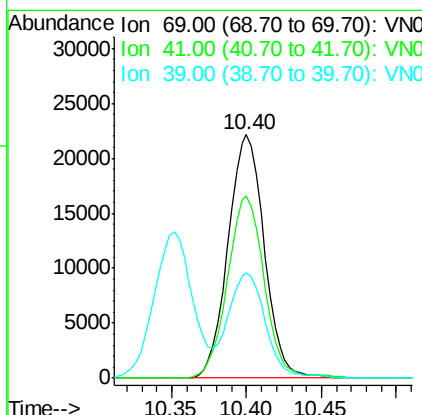
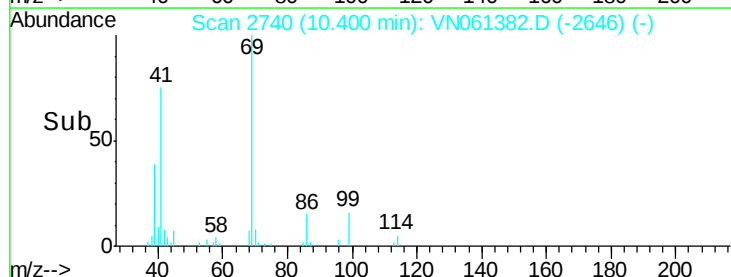
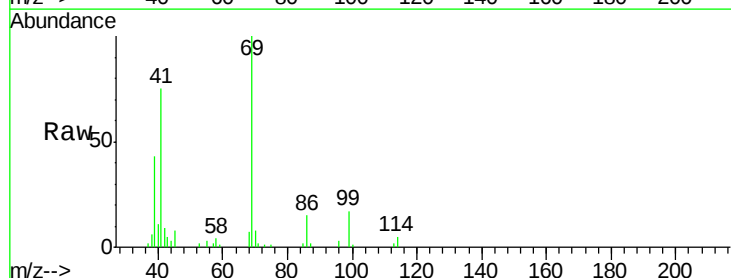
Manual Integrations
 APPROVED

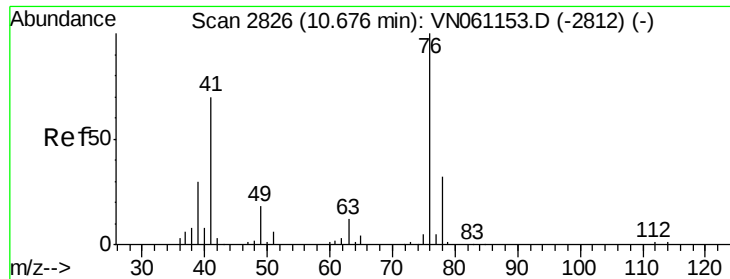
sam
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#56
 Ethyl methacrylate
 Concen: 18.826 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion:	69	Resp:	37354
Ion	Ratio	Lower	Upper
69	100		
41	75.2	60.3	90.5
39	44.5	35.9	53.9





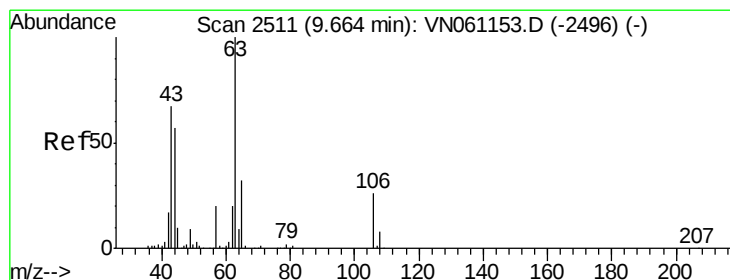
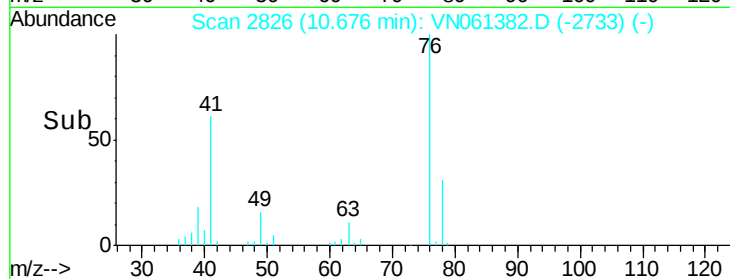
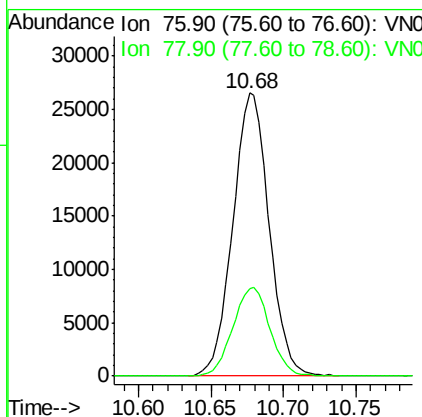
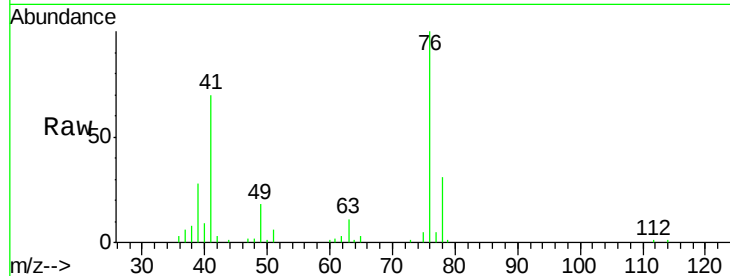
#57
 1,3-Dichloropropane
 Concen: 20.781 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Tot Ion: 76 Resp: 45987
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3

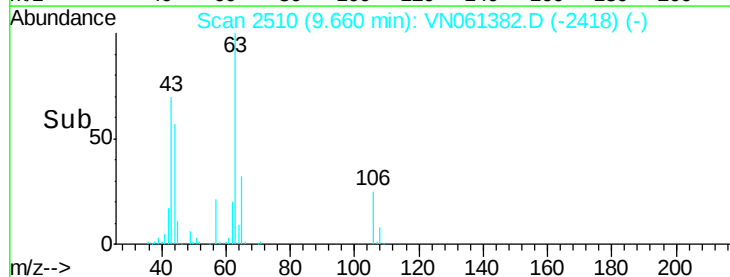
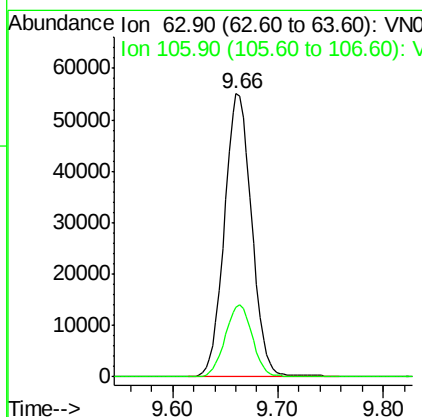
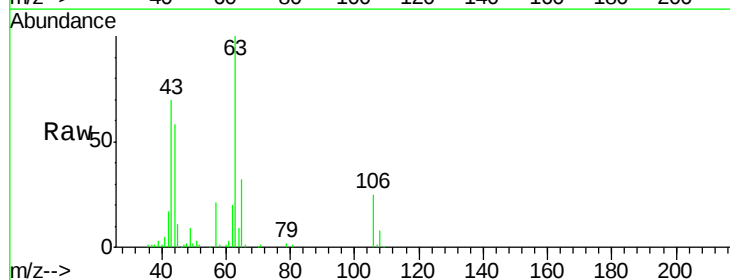
Manual Integrations
 APPROVED

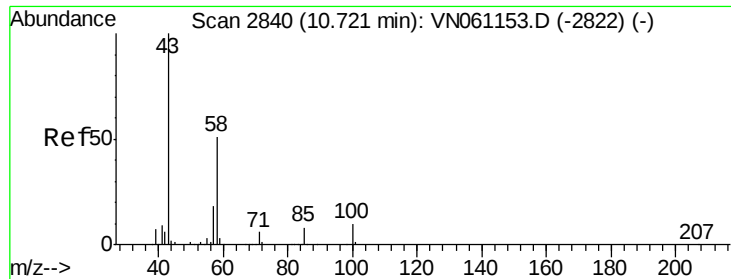
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.575 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion: 63 Resp: 98414
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.6 30.8





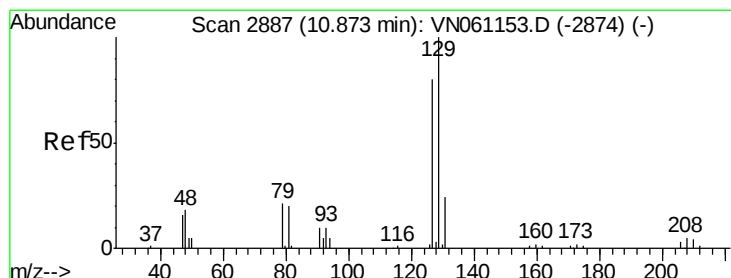
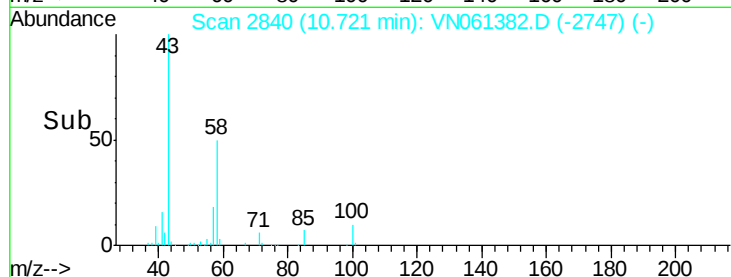
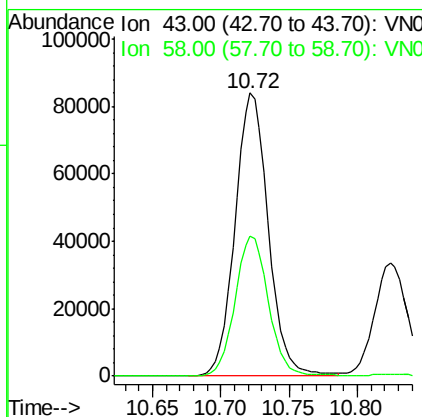
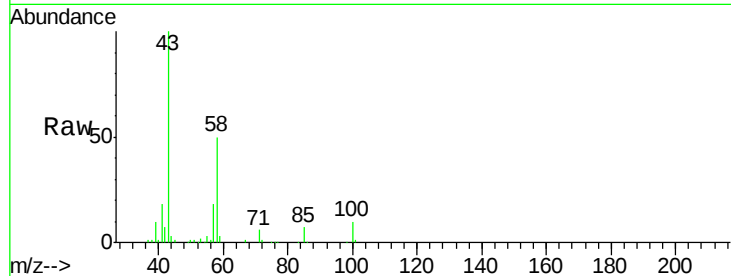
#59
2-Hexanone
Concen: 97.138 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	43	Resp	142349
Ion Ratio	100	Lower	Upper
43	100		
58	49.6	25.4	76.4

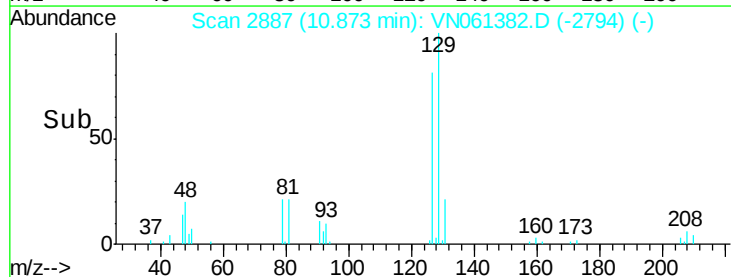
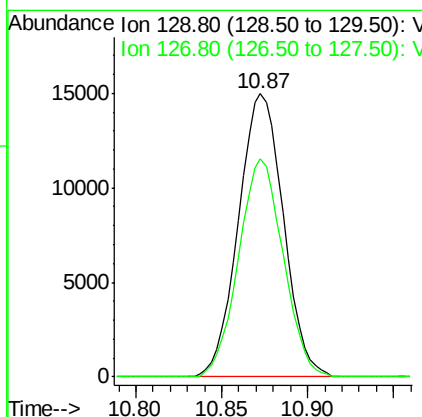
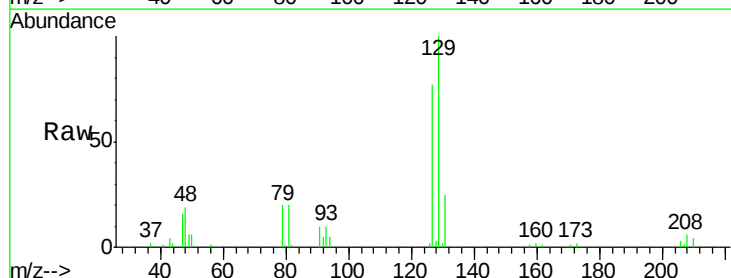
Manual Integrations
APPROVED

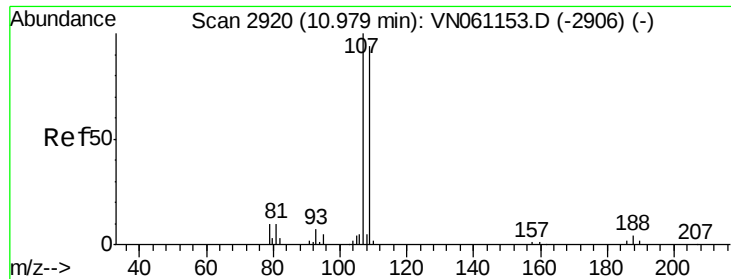
sam
5/12/2020 3:34:02 PM



#60
Dibromochloromethane
Concen: 20.642 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	129	Resp	27217
Ion Ratio	100	Lower	Upper
129	100		
127	76.3	39.3	117.8





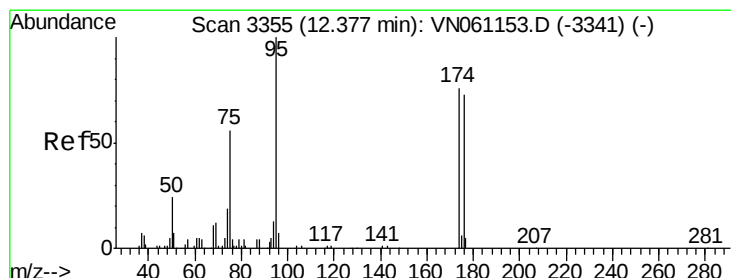
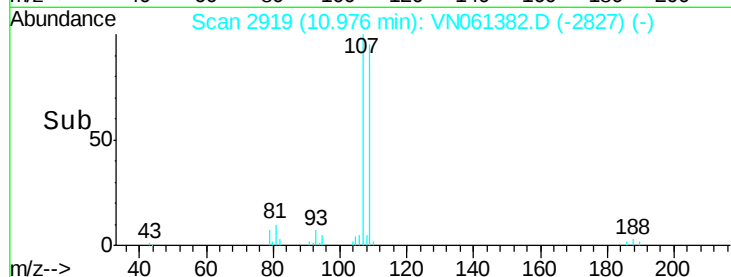
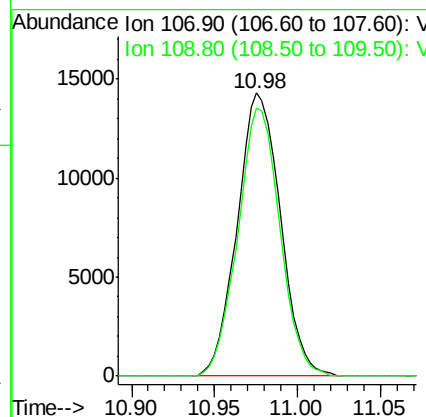
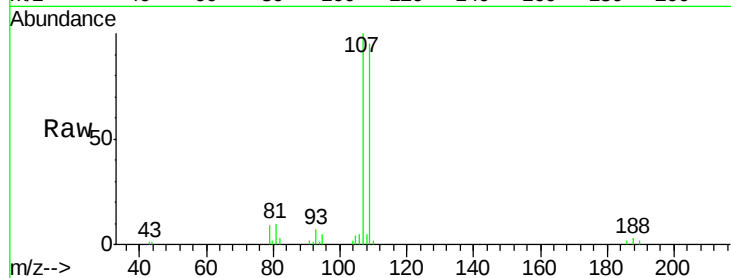
#61
 1,2-Dibromoethane
 Concen: 20.540 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Tot Ion:107 Resp: 25918
 Ion Ratio Lower Upper
 107 100
 109 92.3 74.8 112.2

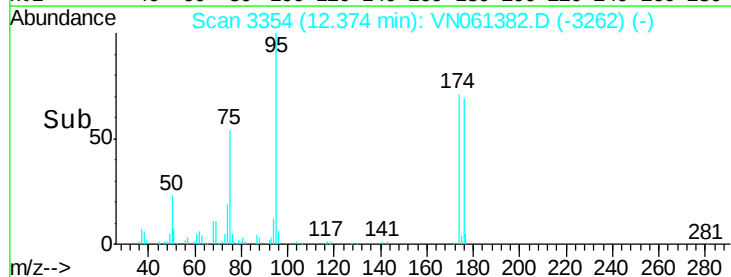
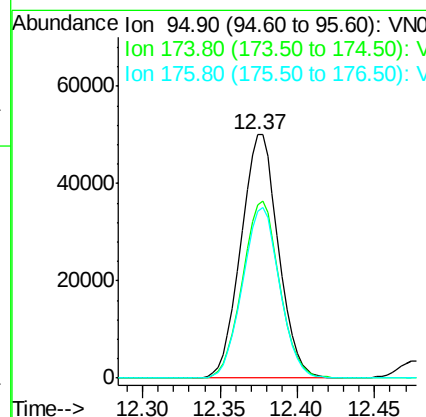
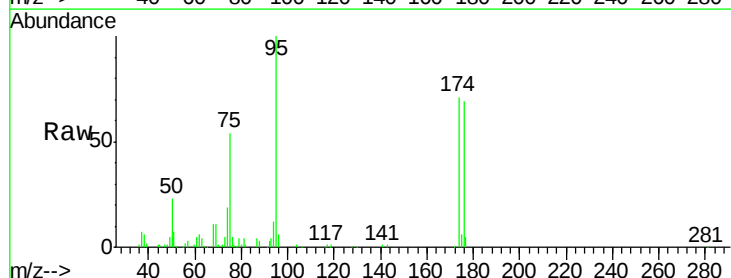
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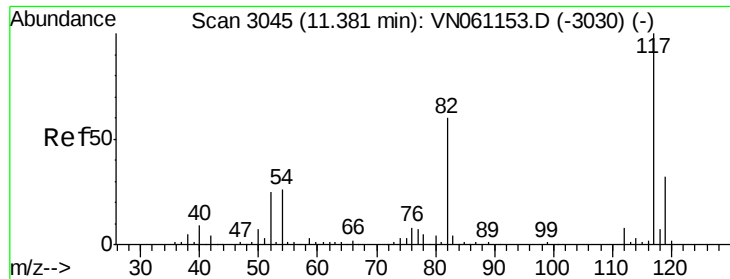
sam
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#62
 4-Bromofluorobenzene
 Concen: 52.840 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion: 95 Resp: 84218
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 149.4
 176 69.6 0.0 144.8





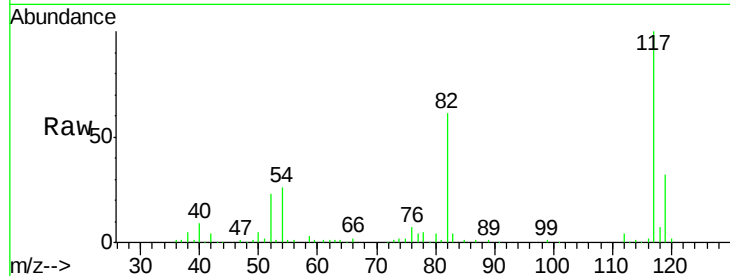
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	47.8	71.8
119	31.7	25.8	38.6

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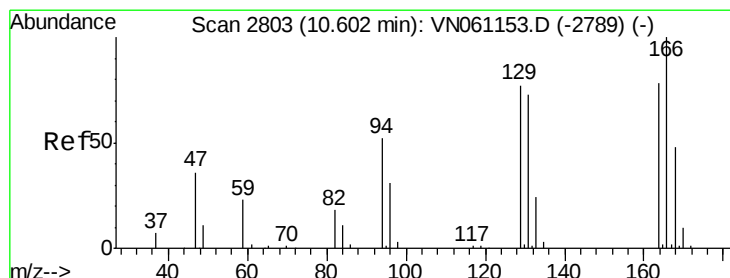
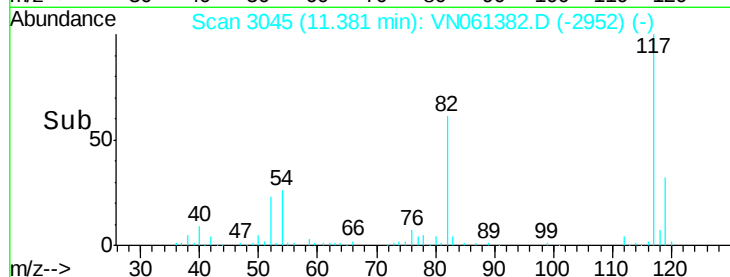
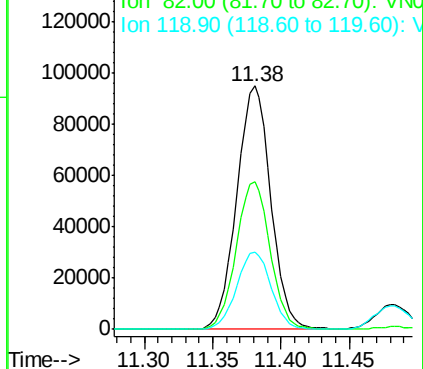


Abundance

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: 17.436 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.1	102.0	153.0
129	103.7	78.2	117.2
131	96.5	74.5	111.7

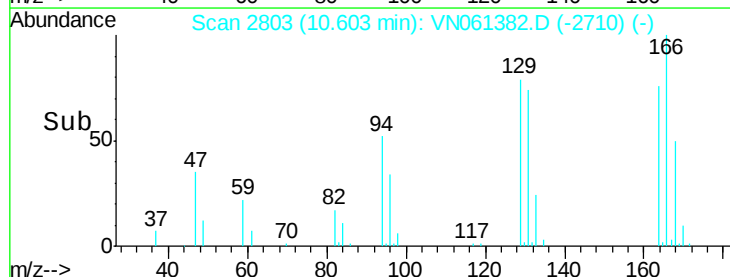
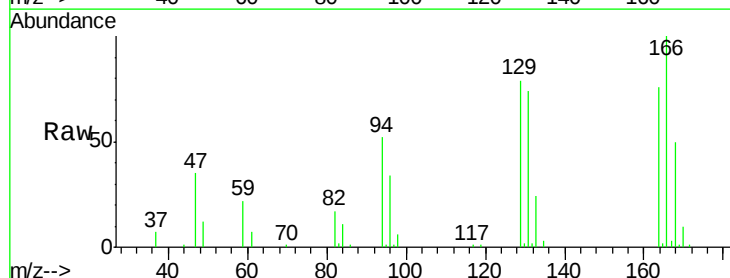
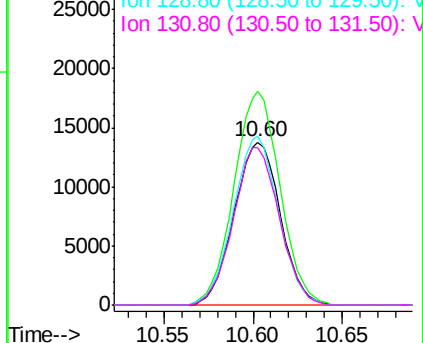
Abundance

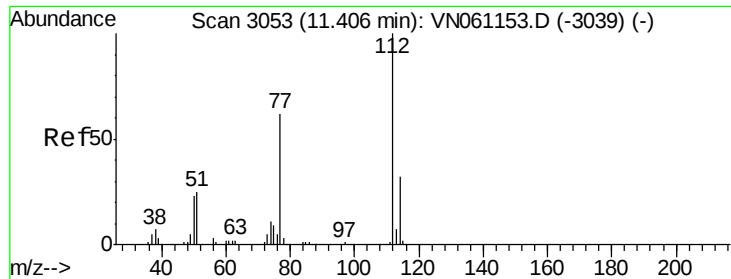
Ion 163.80 (163.50 to 164.50): V

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





#65

Chlorobenzene

Concen: 20.278 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0511WBS01

Tot Ion:112 Resp: 66303

Ion Ratio Lower Upper

112 100

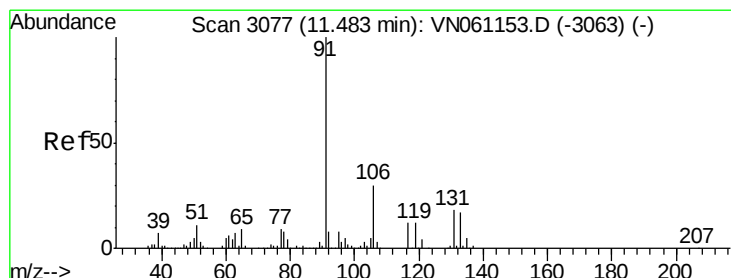
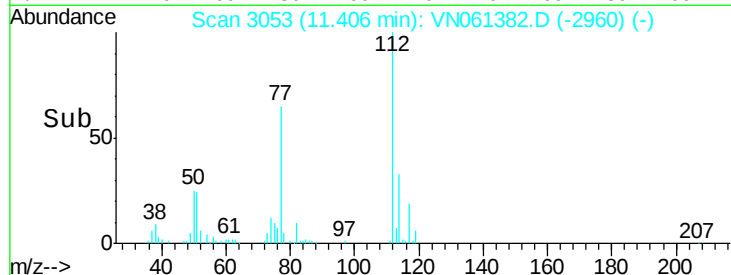
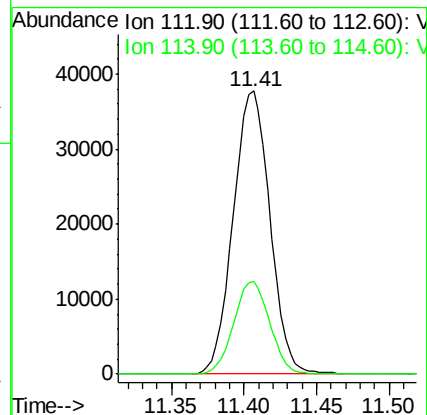
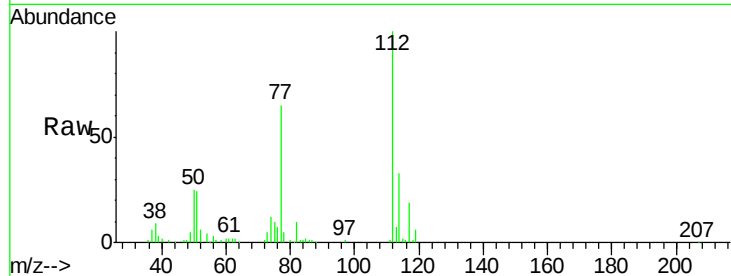
114 32.6 25.4 38.2

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#66

1,1,1,2-Tetrachloroethane

Concen: 21.642 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

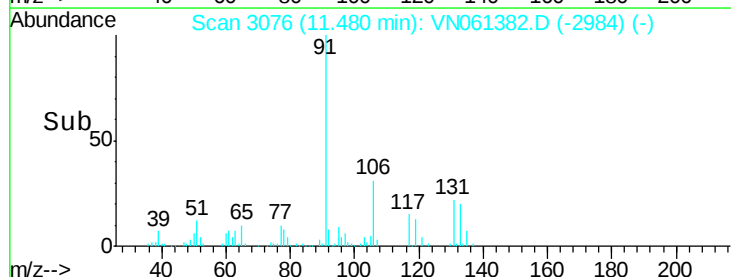
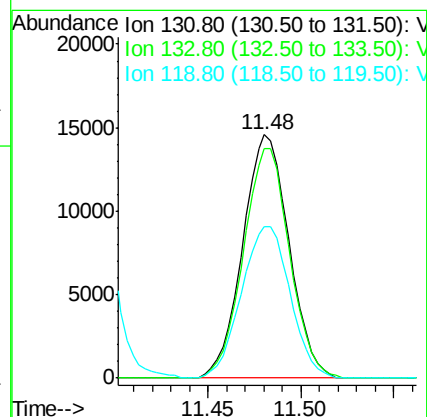
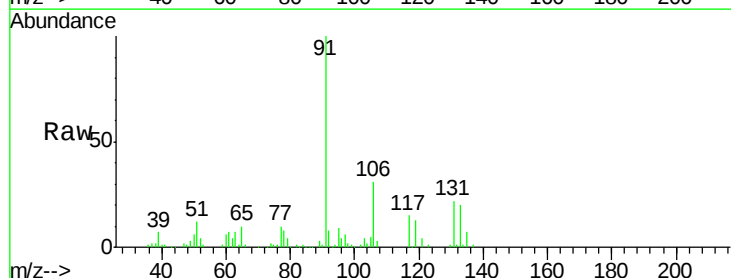
Tgt Ion:131 Resp: 25326

Ion Ratio Lower Upper

131 100

133 94.2 48.0 144.2

119 65.4 32.6 97.8





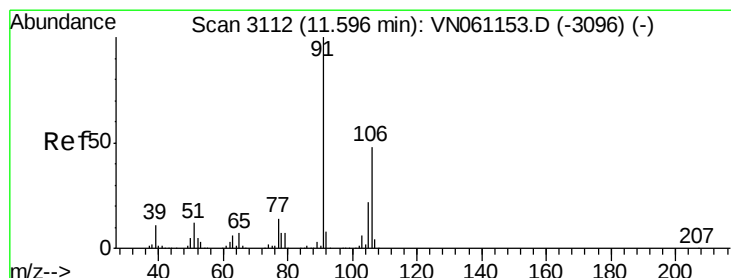
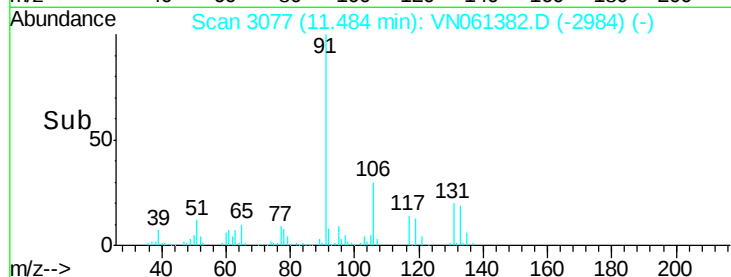
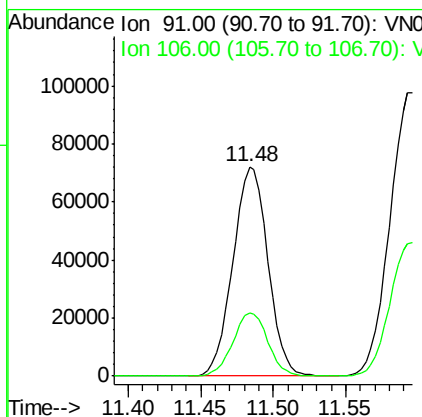
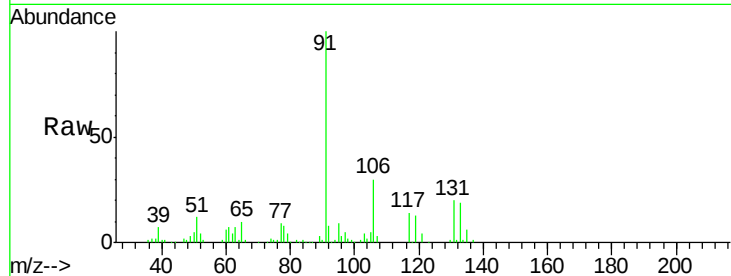
#67
Ethyl Benzene
Concen: 19.729 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampled :
VN0511WBS01

Tot Ion: 91 Resp: 120759
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6

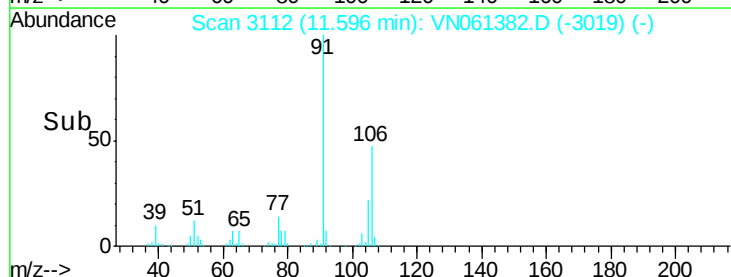
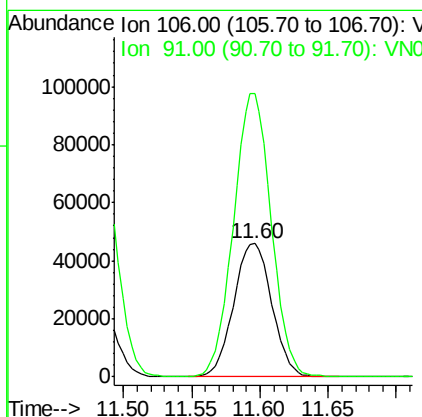
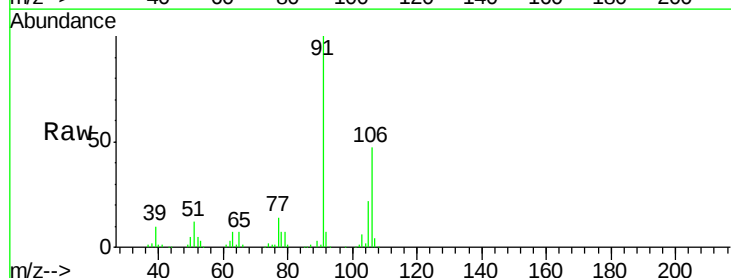
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#68
m/p-Xylenes
Concen: 39.819 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 106 Resp: 89209
Ion Ratio Lower Upper
106 100
91 209.9 166.4 249.6





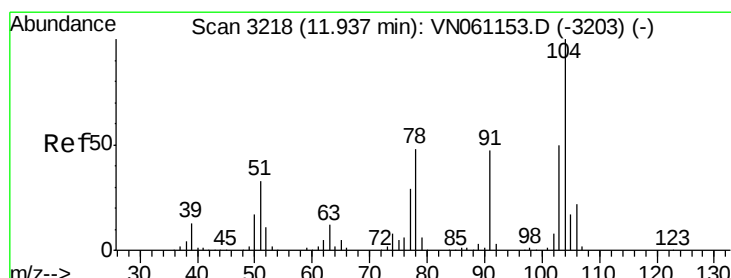
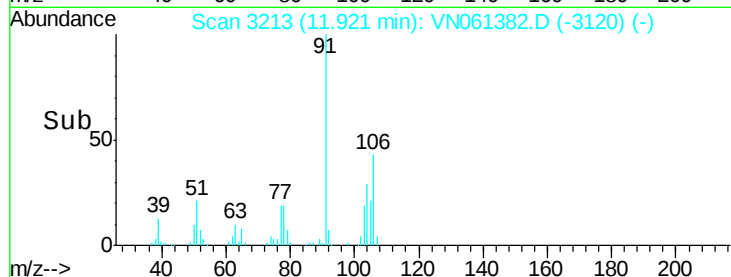
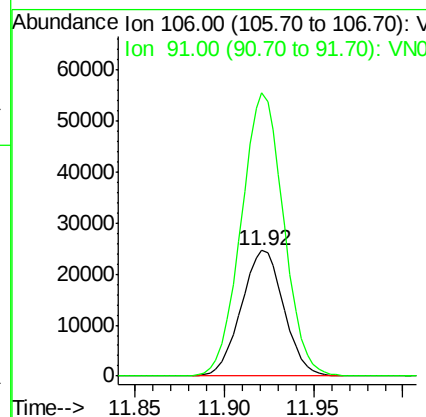
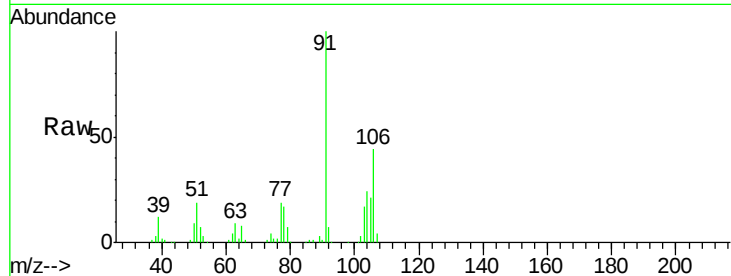
#69
o-Xylene
Concen: 19.133 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion:106 Resp: 41175
Ion Ratio Lower Upper
106 100
91 224.4 109.7 329.0

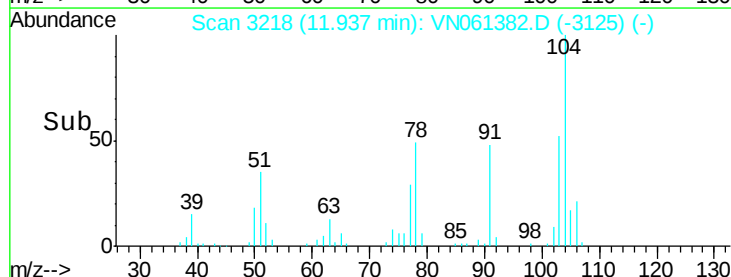
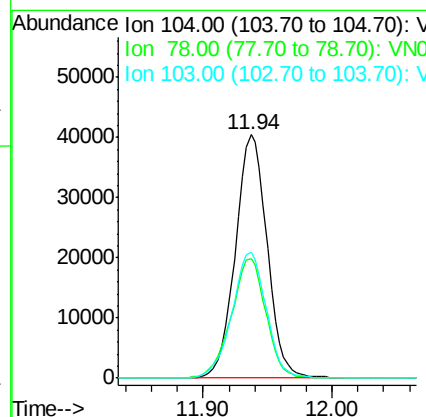
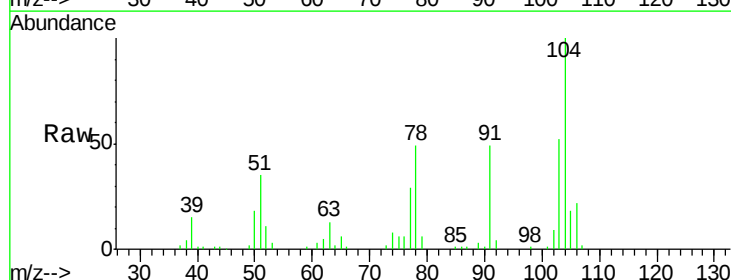
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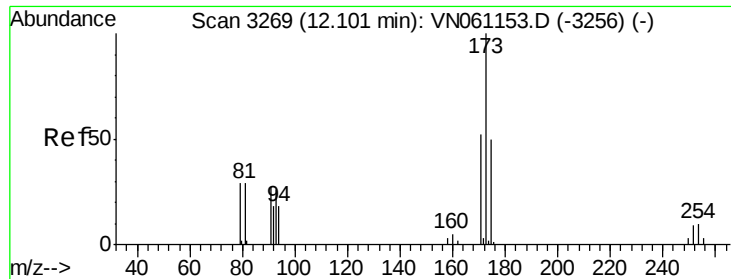
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#70
Styrene
Concen: 19.160 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion:104 Resp: 69010
Ion Ratio Lower Upper
104 100
78 53.6 42.1 63.1
103 55.8 43.3 64.9





#71

Bromoform

Concen: 20.523 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

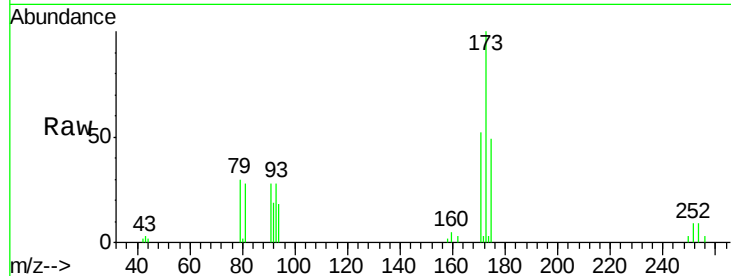
ClientSampleId :

VN0511WBS01

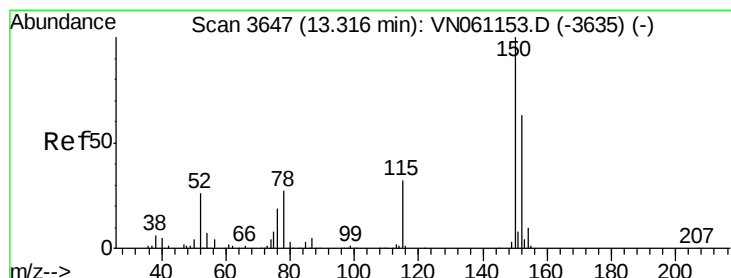
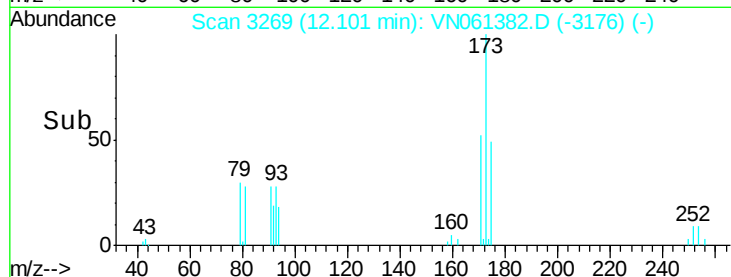
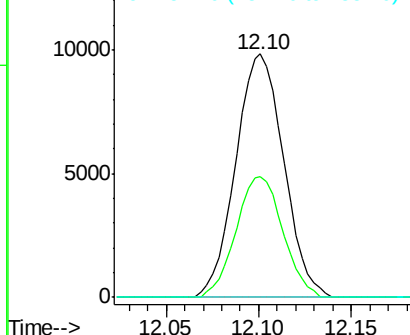
Tot Ion:	173	Resp:	17651
Ion Ratio	Lower	Upper	
173	100		
175	48.4	24.1	72.4
254	0.0	0.0	0.0

Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

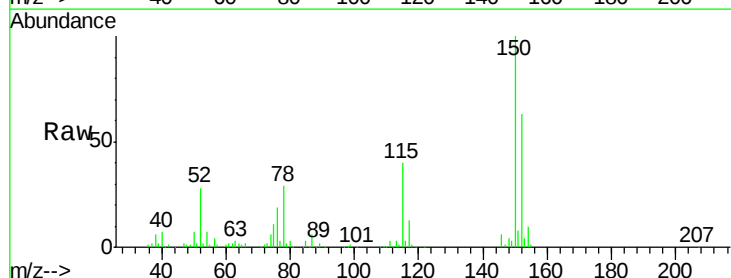
RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

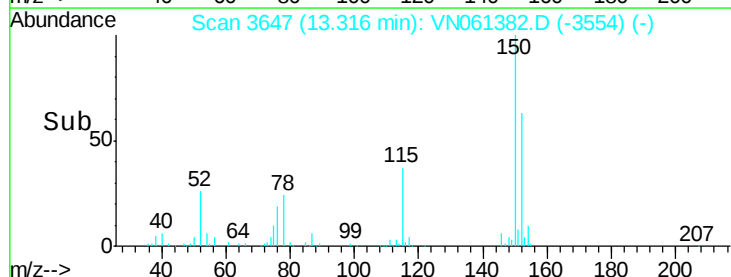
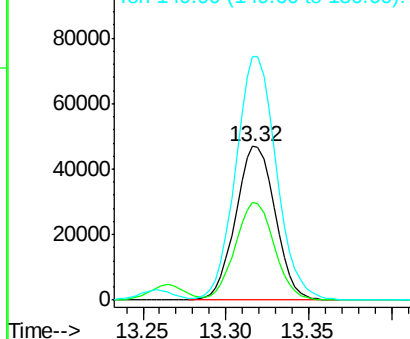
Lab File: VN061382.D

Acq: 11 May 2020 12:02

Tgt Ion:	152	Resp:	78181
Ion Ratio	Lower	Upper	
152	100		
115	62.8	31.0	93.0
150	162.9	0.0	351.8



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





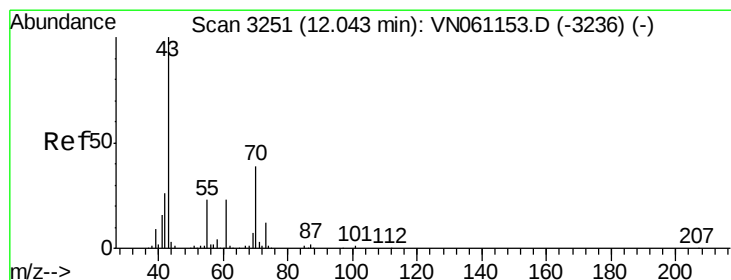
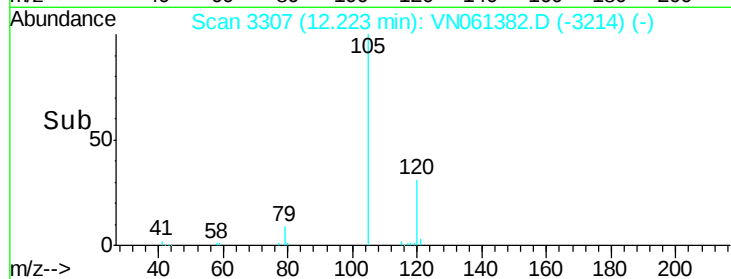
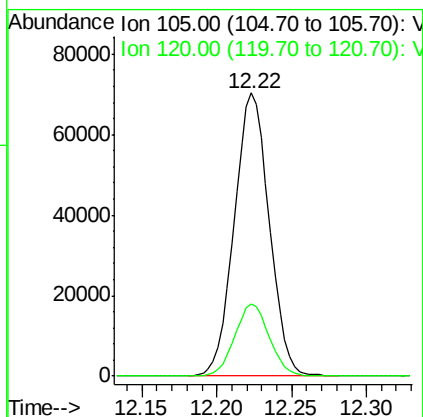
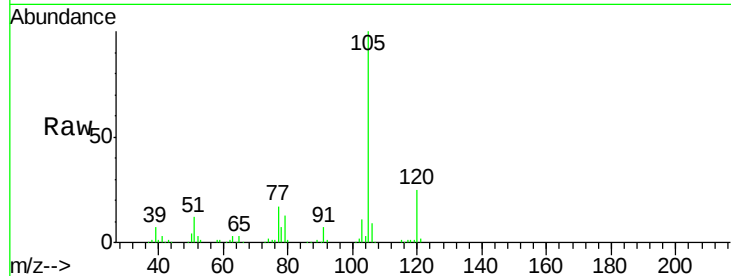
#73
Isopropylbenzene
Concen: 19.874 ug/l
RT: 12.22 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.1	12.6	37.8

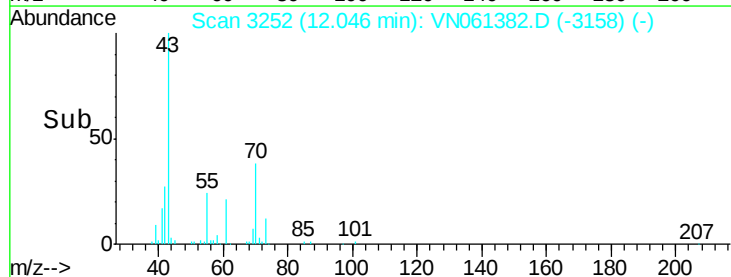
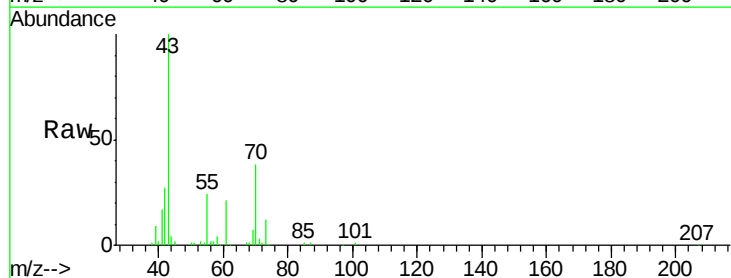
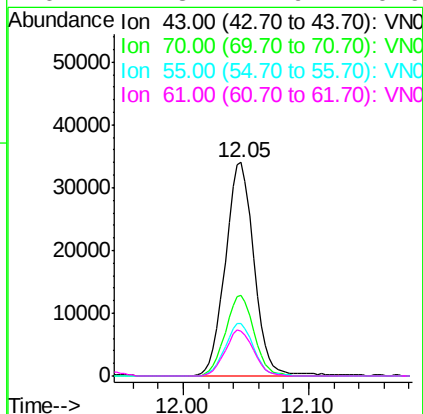
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#74
N-ethyl acetate
Concen: 18.581 ug/l
RT: 12.05 min Scan# 3252
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.5	30.6	46.0
55	24.3	18.5	27.7
61	21.3	17.9	26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.998 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

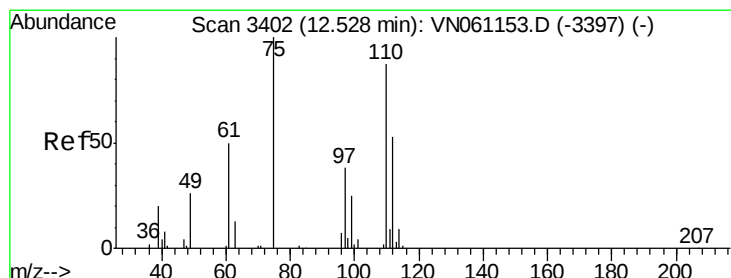
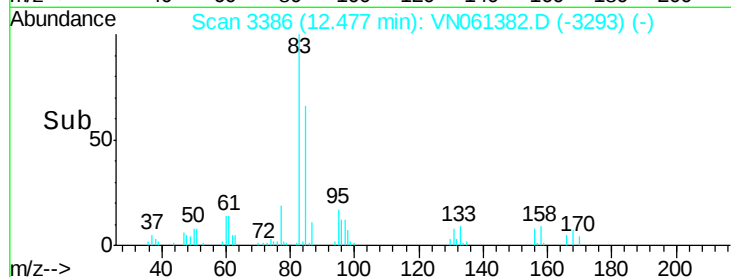
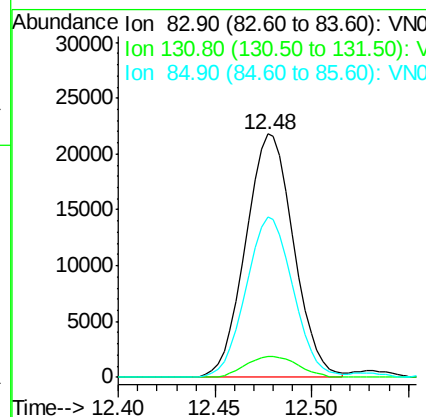
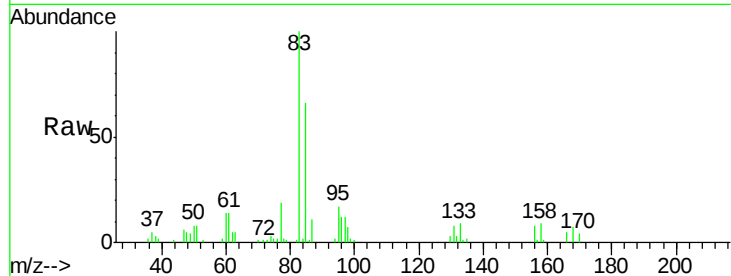
ClientSampleId :

VN0511WBS01

Tot Ion:	83	Resp:	37632
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.8	14.3
85	64.5	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.456 ug/l m

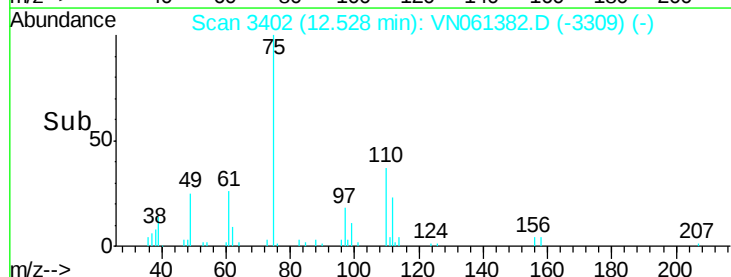
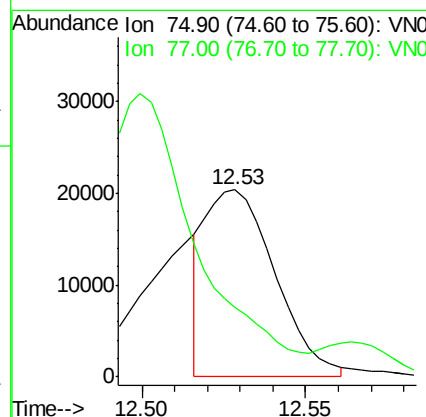
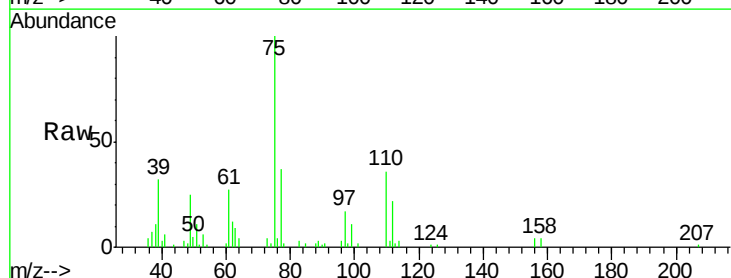
RT: 12.53 min Scan# 3402

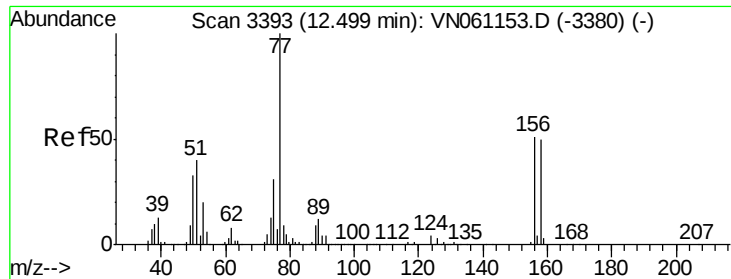
Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Tgt Ion:	75	Resp:	30421
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.100 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

ClientSampleId :

VN0511WBS01

Tot Ion:156 Resp: 26668

Ion Ratio Lower Upper

156 100

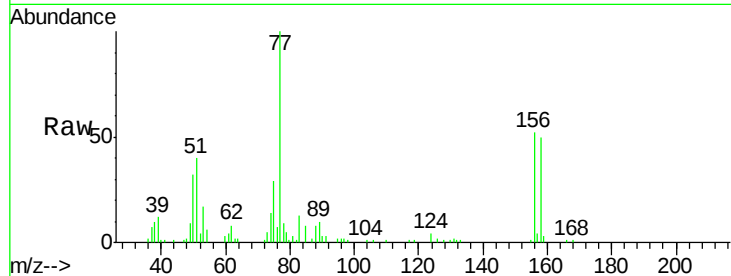
77 241.0 117.4 352.2

158 97.1 48.4 145.0

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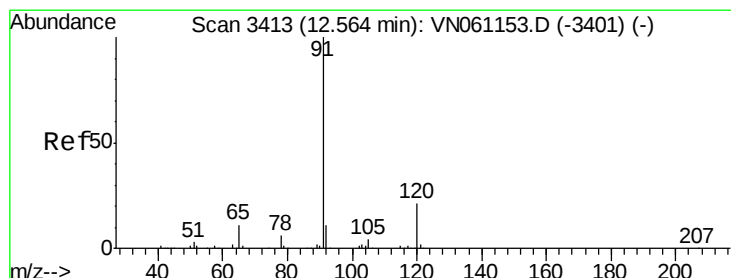
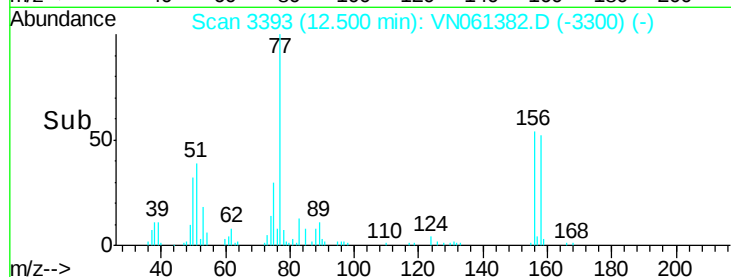
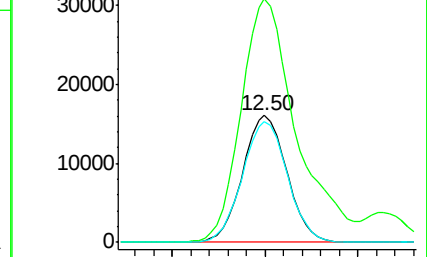
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.966 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061382.D

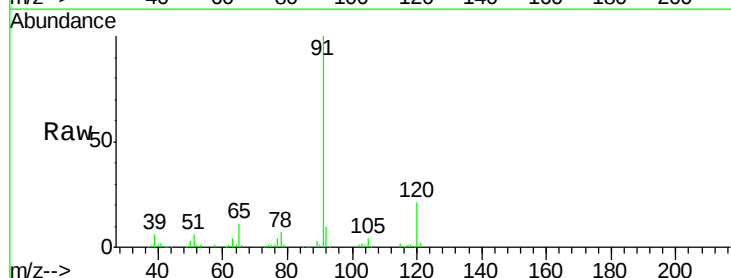
Acq: 11 May 2020 12:02

Tgt Ion: 91 Resp: 136114

Ion Ratio Lower Upper

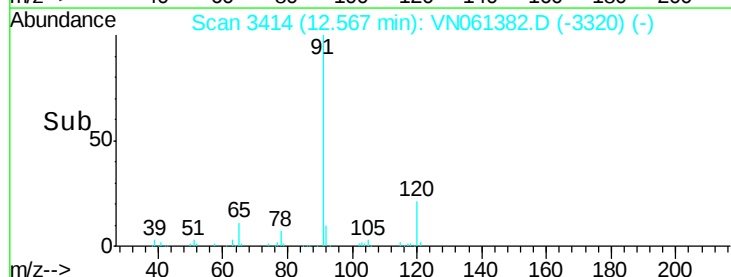
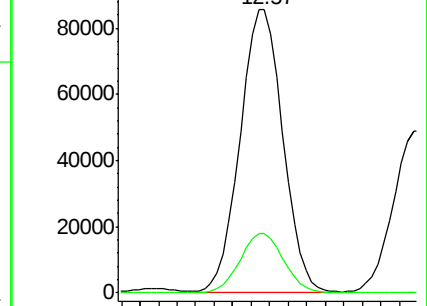
91 100

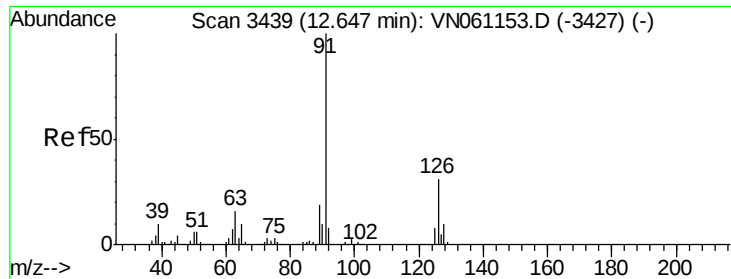
120 21.4 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





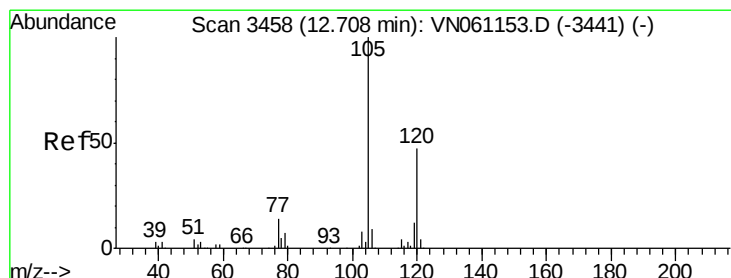
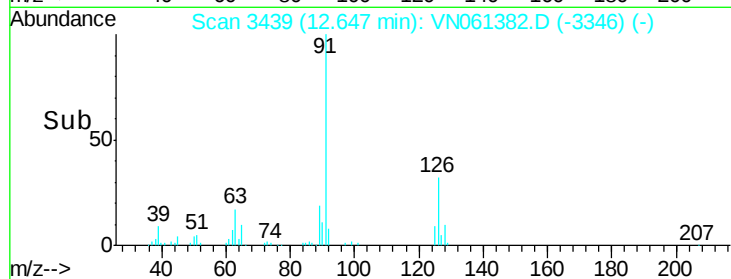
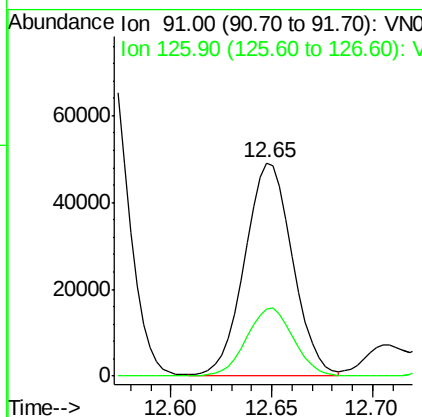
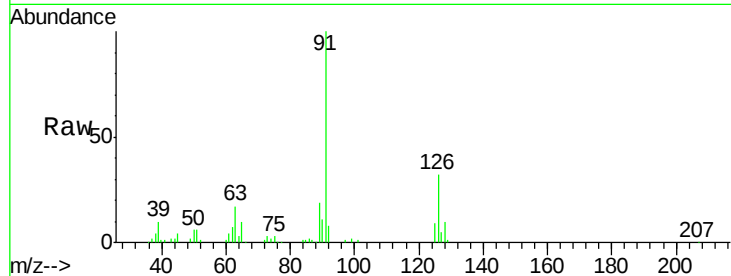
#79
2-Chlorotoluene
Concen: 20.180 ug/l
RT: 12.65 min Scan# 3439
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampled :
VN0511WBS01

Tot Ion: 91 Resp: 80861
Ion Ratio Lower Upper
91 100
126 31.6 15.9 47.7

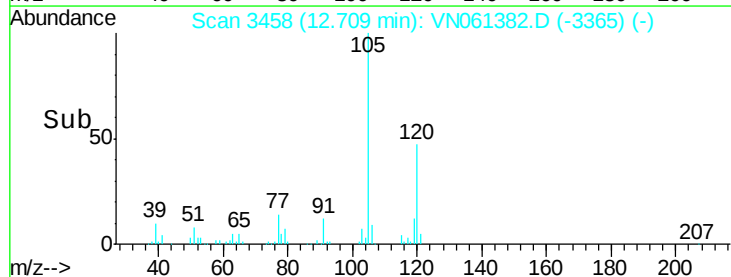
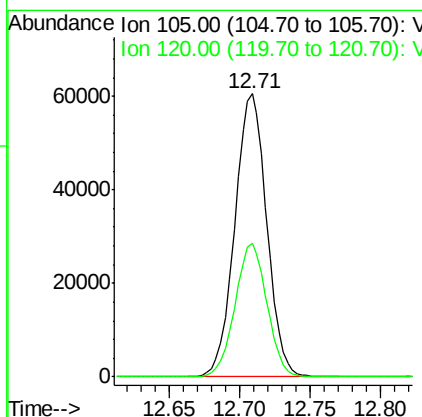
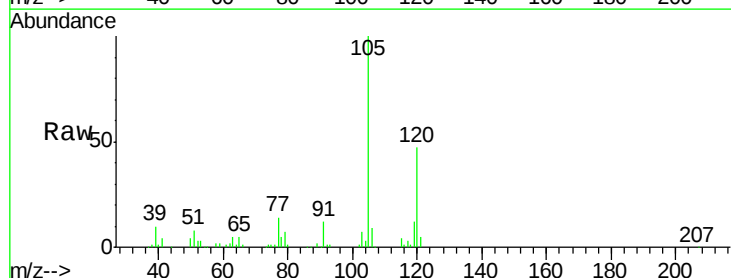
Manual Integrations
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#80
1,3,5-Trimethylbenzene
Concen: 20.197 ug/l
RT: 12.71 min Scan# 3458
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion: 105 Resp: 96077
Ion Ratio Lower Upper
105 100
120 46.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 19.390 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

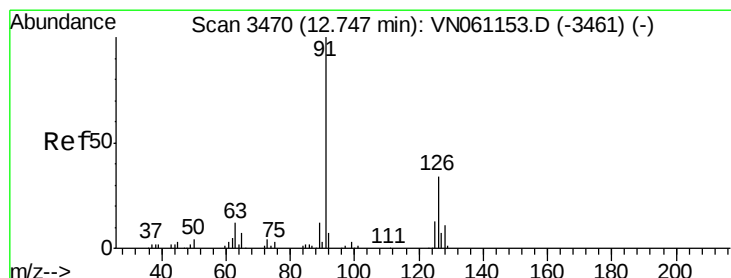
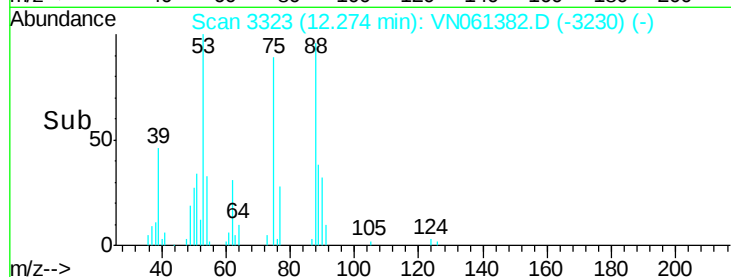
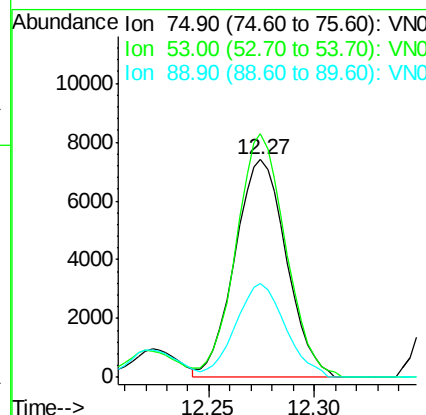
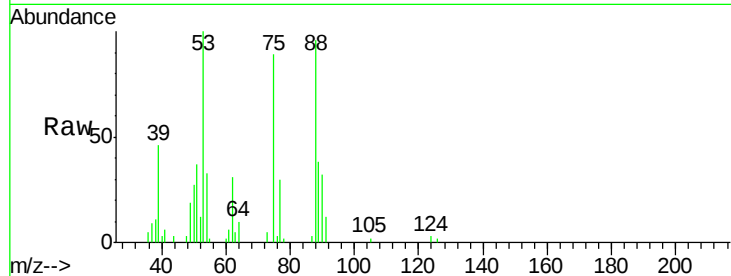
ClientSampled :

VN0511WBS01

Tot Ion:	75	Resp:	12585
Ion Ratio	Lower	Upper	
75	100		
53	107.5	84.1	126.1
89	41.9	35.2	52.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.305 ug/l

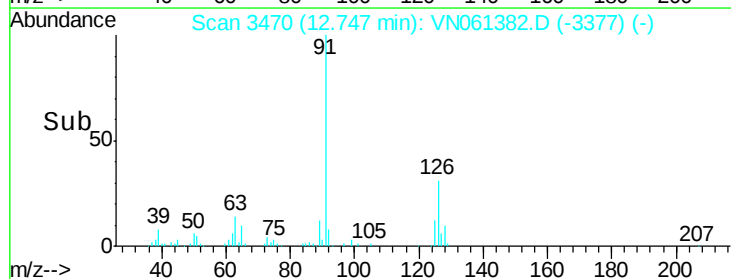
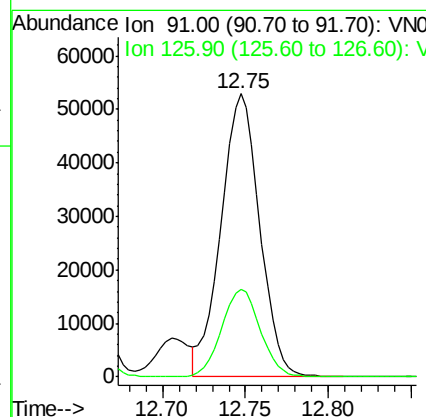
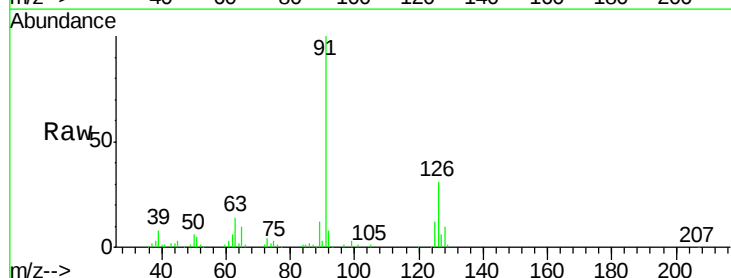
RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Tgt Ion:	91	Resp:	85753
Ion Ratio	Lower	Upper	
91	100		
126	30.9	15.7	47.1





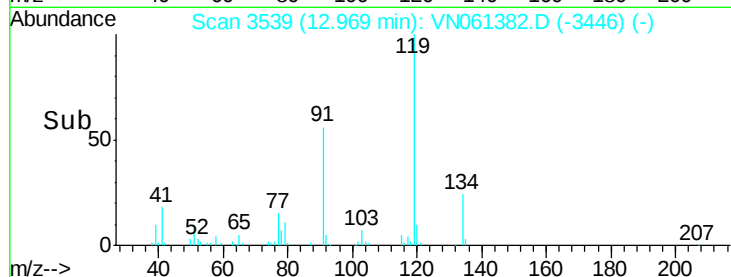
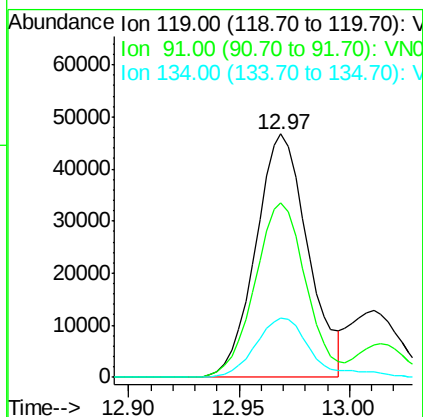
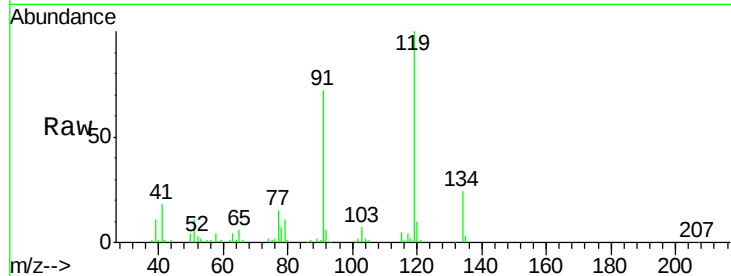
#83
tert-Butylbenzene
Concen: 19.100 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.4	34.8	104.4
134	26.0	12.9	38.7

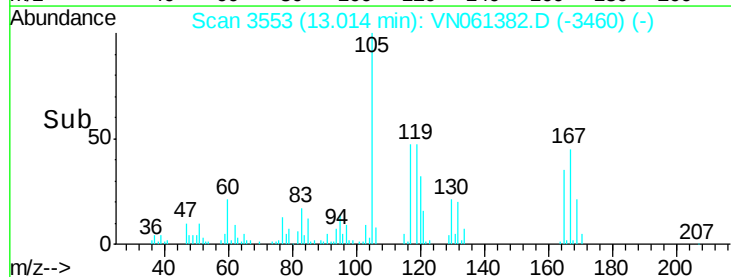
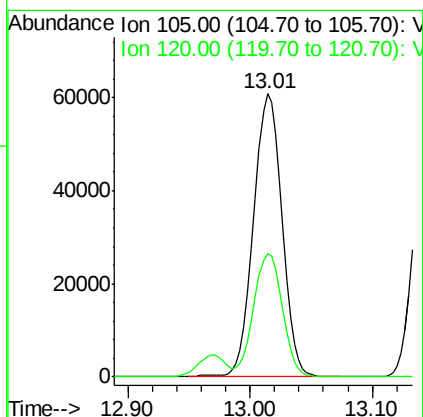
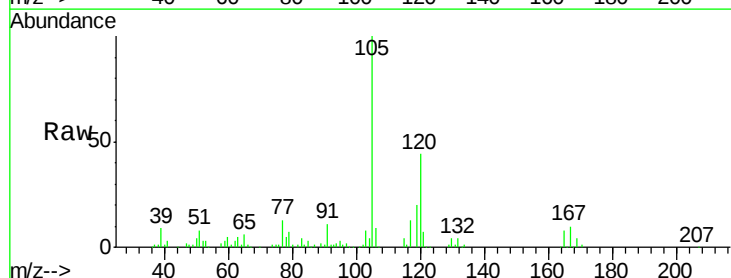
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#84
1,2,4-Trimethylbenzene
Concen: 19.986 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.2	66.6





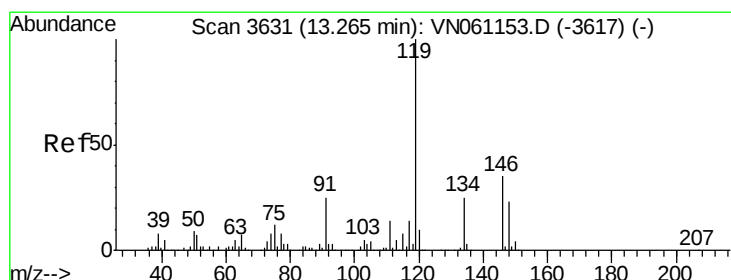
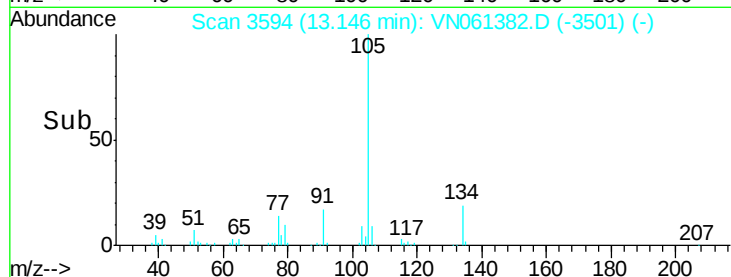
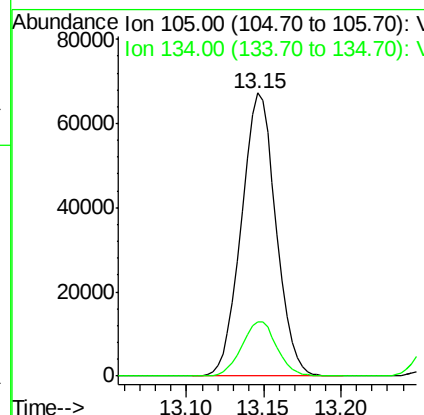
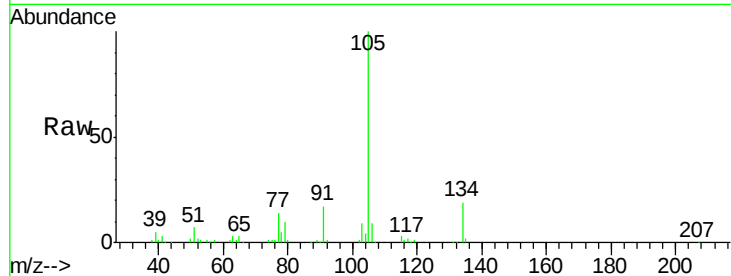
#85
 sec-Butylbenzene
 Concen: 19.091 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.6	28.8

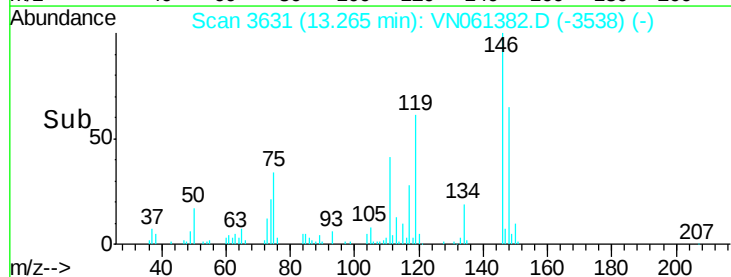
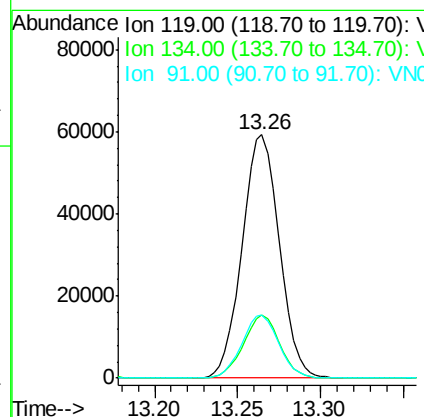
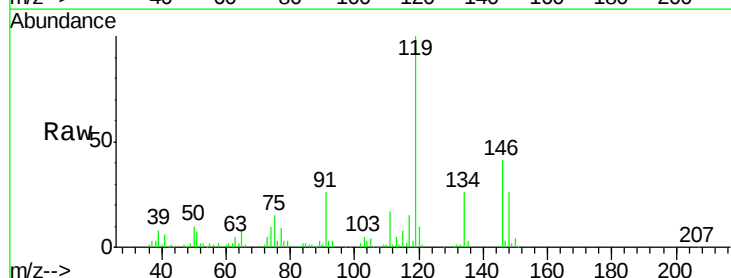
Manual Integrations
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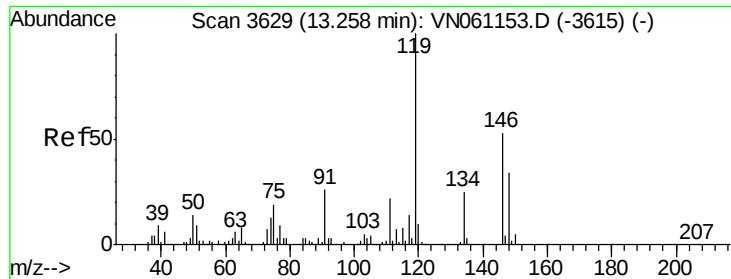
sam
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#86
 p-Isopropyltoluene
 Concen: 18.805 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.6	37.6
91	25.6	12.7	38.0





#87

1,3-Dichlorobenzene

Concen: 19.894 ug/l

RT: 13.26 min Scan# 3629

Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Instrument :

MSVOA_N

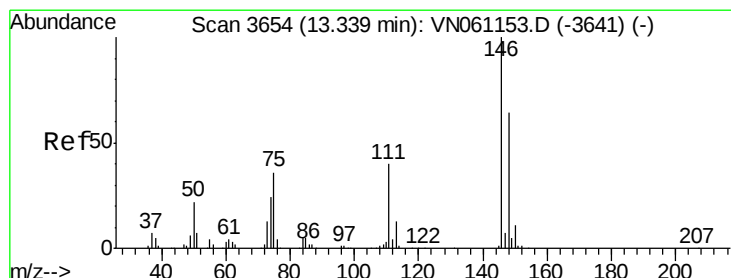
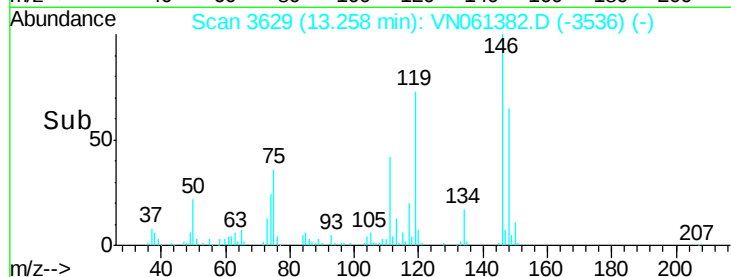
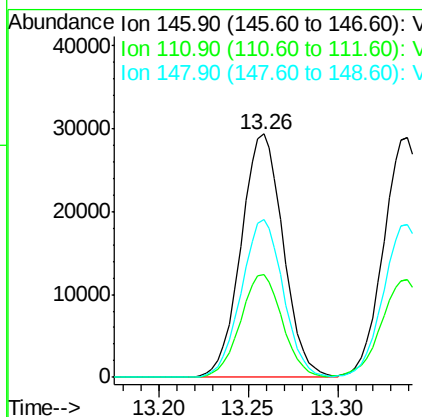
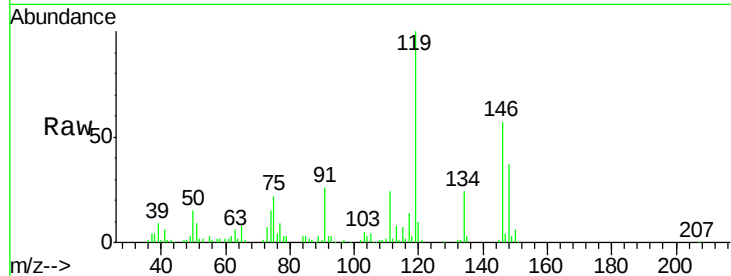
ClientSampleId :

VN0511WBS01

Tot Ion:	146	Resp:	48590
Ion Ratio	Lower	Upper	
146	100		
111	41.9	20.7	62.1
148	64.3	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.546 ug/l

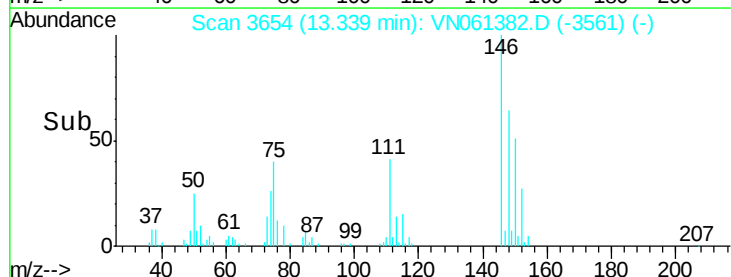
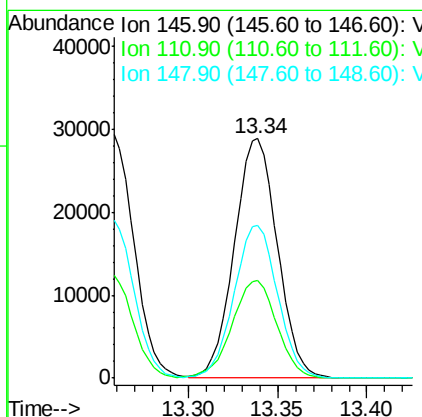
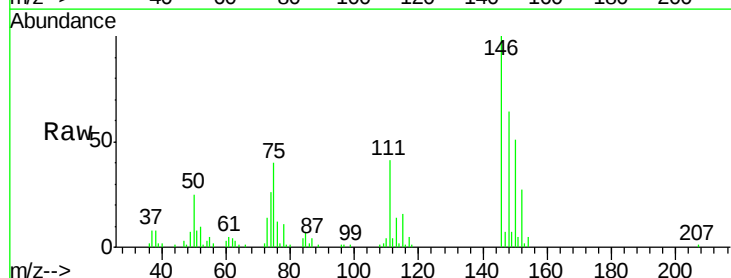
RT: 13.34 min Scan# 3654

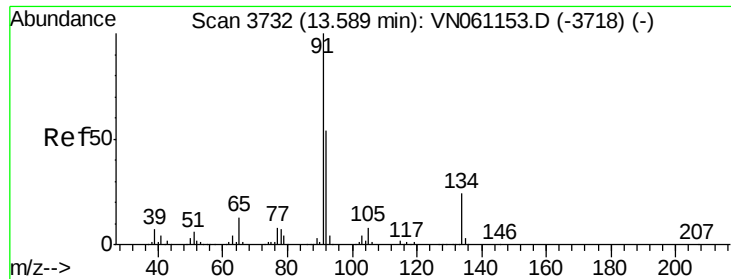
Delta R.T. 0.00 min

Lab File: VN061382.D

Acq: 11 May 2020 12:02

Tgt Ion:	146	Resp:	48778
Ion Ratio	Lower	Upper	
146	100		
111	42.4	20.4	61.3
148	64.3	31.9	95.7





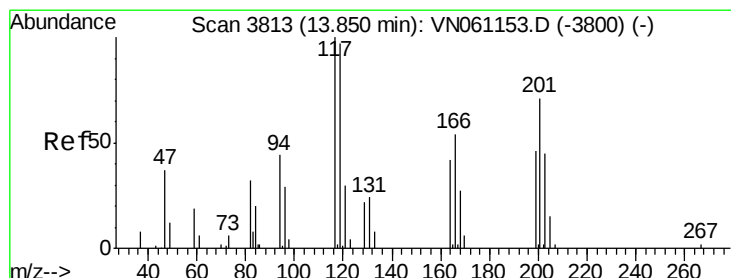
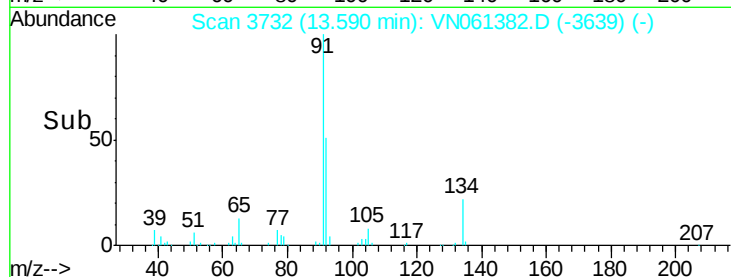
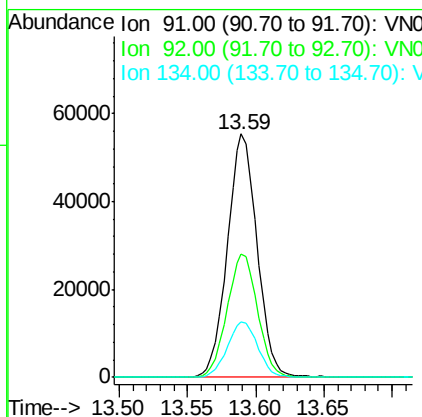
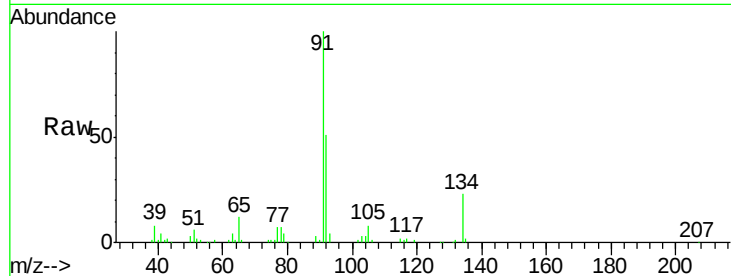
#89
n-Butylbenzene
Concen: 18.568 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.8	26.8	80.3	
134	23.4	11.9	35.5	

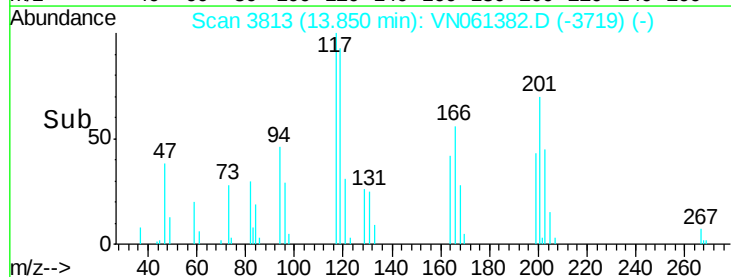
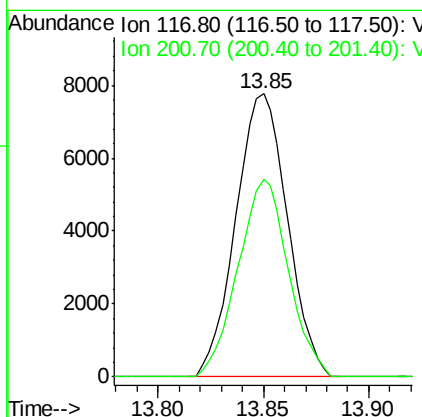
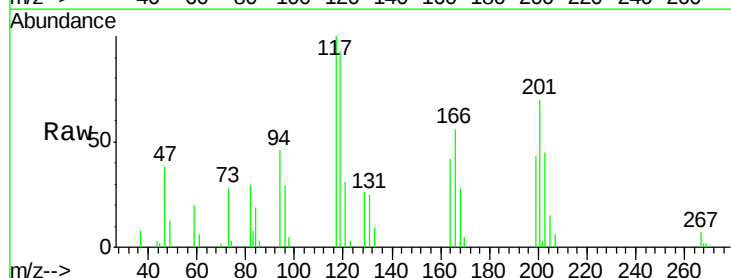
Manual Integrations
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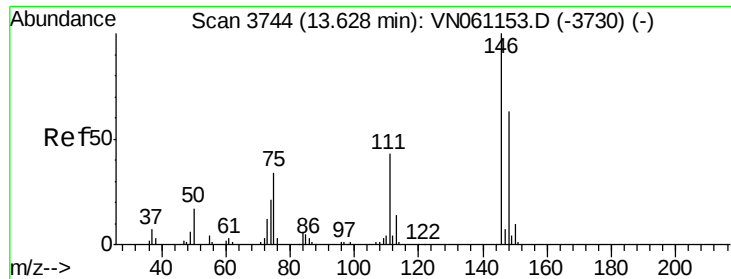
sam
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#90
Hexachloroethane
Concen: 29.383 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	68.3	35.5	106.7	





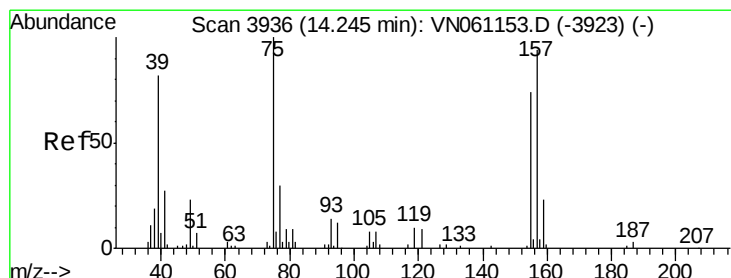
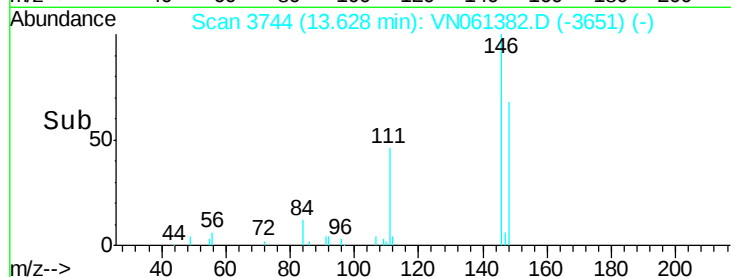
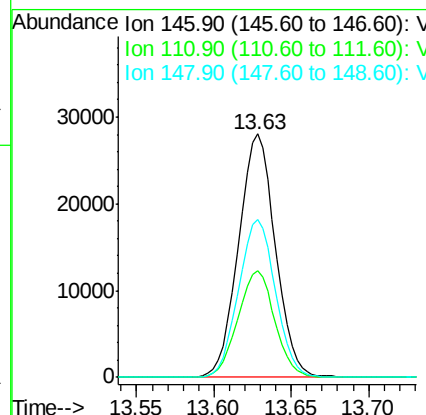
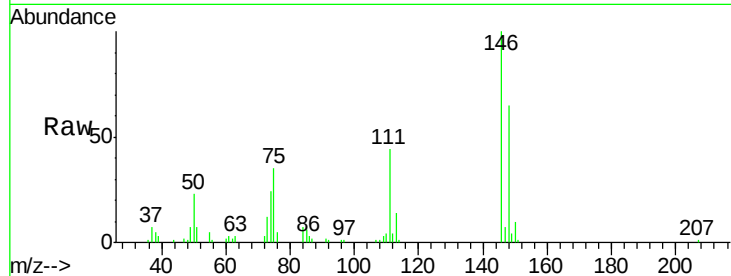
#91
 1,2-Dichlorobenzene
 Concen: 19.833 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	21.8	65.3
148	64.7	31.6	95.0

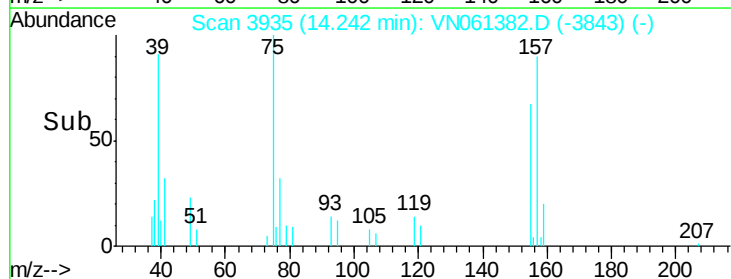
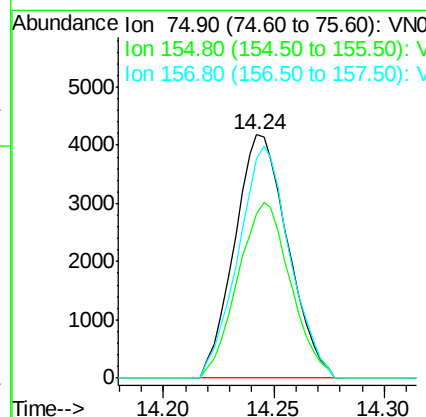
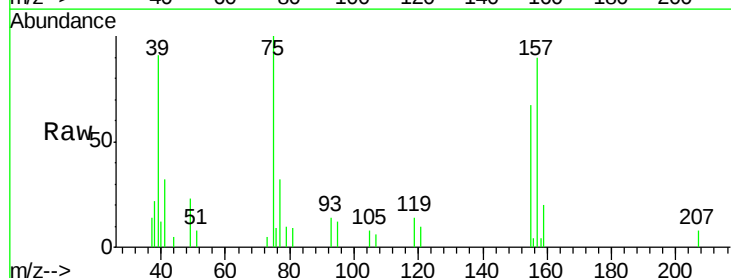
Manual Integrations
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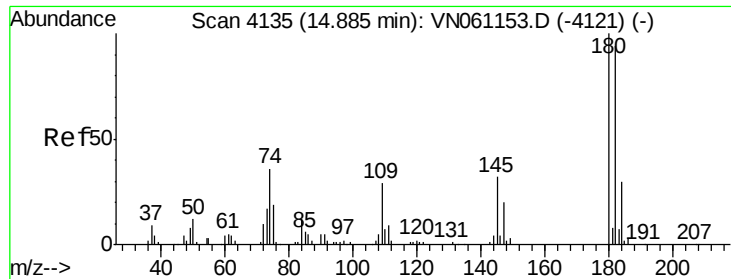
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.550 ug/l
 RT: 14.24 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.2	36.5	109.7
157	92.3	46.6	139.7





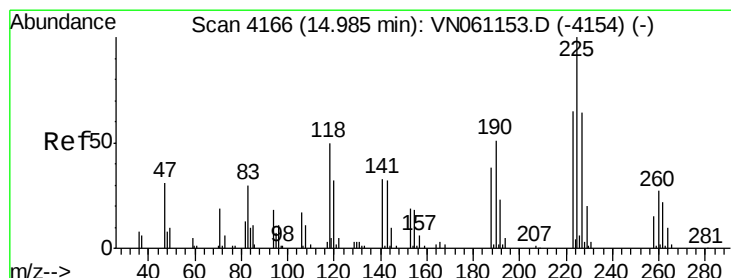
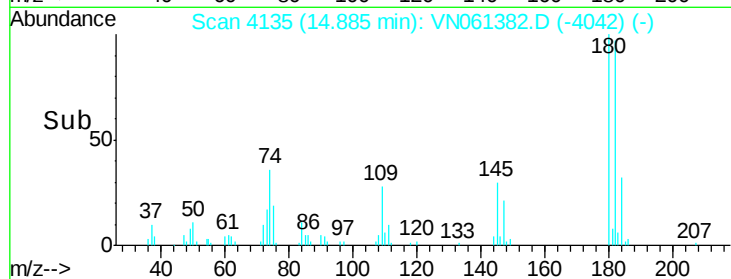
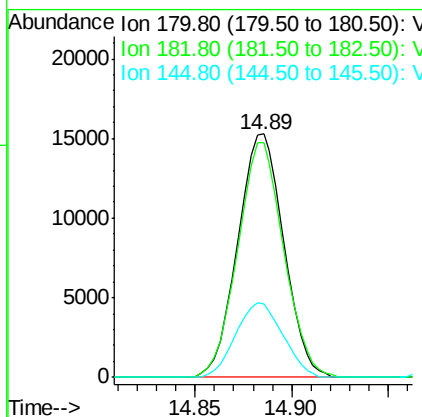
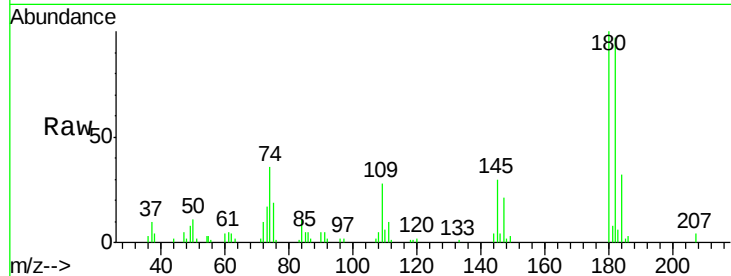
#93
 1,2,4-Trichlorobenzene
 Concen: 17.733 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0511WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	141.9
145	31.3	16.0	47.9

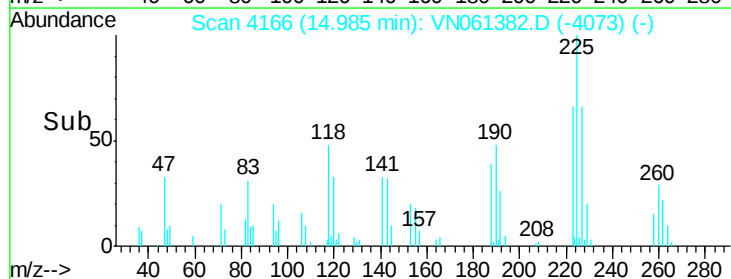
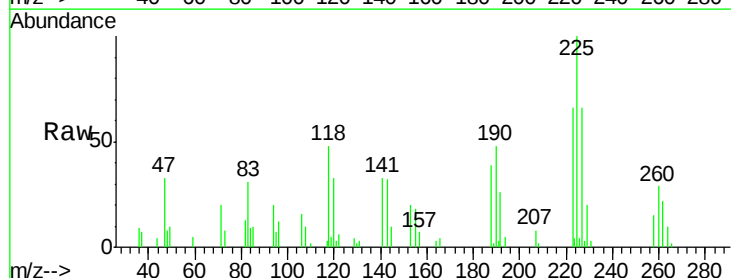
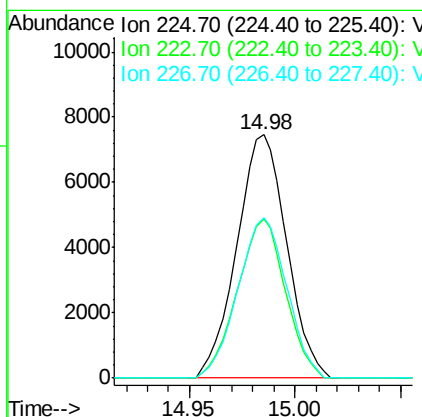
Manual Integrations
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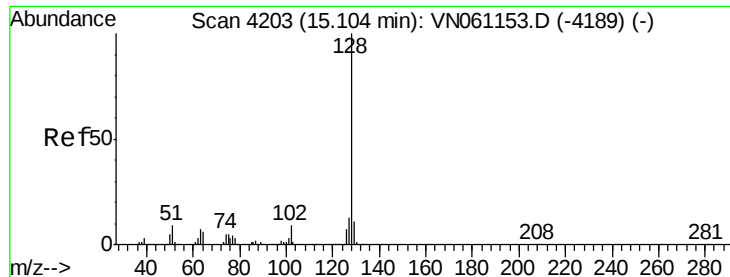
sam
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#94
 Hexachlorobutadiene
 Concen: 20.544 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061382.D
 Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	32.4	97.0
227	64.5	32.4	97.0





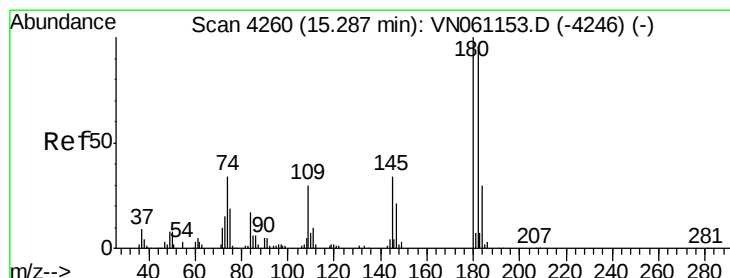
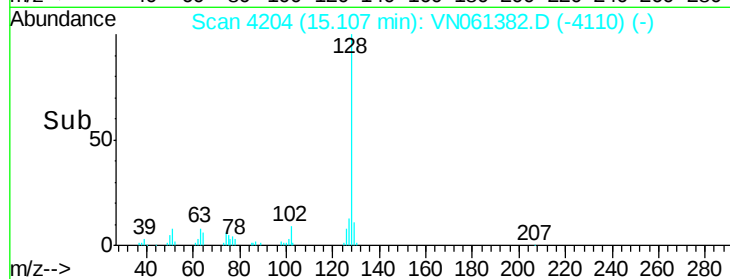
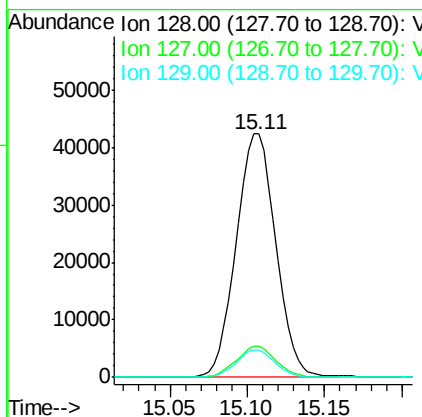
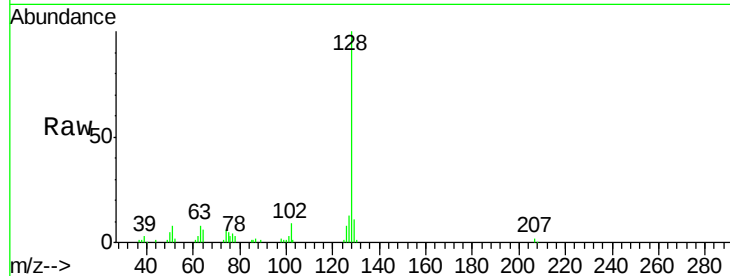
#95
Naphthalene
Concen: 16.260 ug/l
RT: 15.11 min Scan# 4204
Delta R.T. 0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Instrument :
MSVOA_N
ClientSampleId :
VN0511WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

sam
5/12/2020 3:34:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.465 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061382.D
Acq: 11 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.5	142.5
145	33.0	16.9	50.7

