

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032020\
 Data File : VN060660.D
 Acq On : 20 Mar 2020 18:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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 3/23/2020 2:27:11 PM

Quant Time: Mar 21 00:44:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193195	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	321376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	298070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146365	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125817	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	7.57	113	93013	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
50) Toluene-d8	10.08	98	374148	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
62) 4-Bromofluorobenzene	12.40	95	138972	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.83	85	91902	49.16	ug/l	100
3) Chloromethane	2.04	50	158534	45.41	ug/l	99
4) Vinyl Chloride	2.16	62	127206	46.58	ug/l	99
5) Bromomethane	2.54	94	58440	49.58	ug/l	97
6) Chloroethane	2.68	64	76654	48.73	ug/l	98
7) Trichlorofluoromethane	3.00	101	162093	48.19	ug/l	96
8) Diethyl Ether	3.38	74	66369	49.11	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	96050	49.28	ug/l	100
10) Methyl Iodide	3.93	142	82546	47.59	ug/l	99
11) Tert butyl alcohol	4.73	59	92173	236.31	ug/l	100
12) 1,1-Dichloroethene	3.72	96	98351	47.02	ug/l	97
13) Acrolein	3.58	56	89287	206.55	ug/l	99
14) Allyl chloride	4.29	41	174283	47.37	ug/l	99
15) Acrylonitrile	4.94	53	287180	250.38	ug/l	99
16) Acetone	3.78	43	226264	240.85	ug/l	98
17) Carbon Disulfide	4.03	76	297073	46.70	ug/l	100
18) Methyl Acetate	4.29	43	130181	49.23	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	342652	47.65	ug/l	97
20) Methylene Chloride	4.52	84	113472	49.10	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	106888	47.95	ug/l	96
22) Diisopropyl ether	5.91	45	387266	49.83	ug/l	99
23) Vinyl Acetate	5.86	43	1615650	254.77	ug/l	99
24) 1,1-Dichloroethane	5.82	63	209181	49.37	ug/l	99
25) 2-Butanone	6.80	43	375072	246.73	ug/l	100
26) 2,2-Dichloropropane	6.80	77	163531	49.05	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	122961	48.54	ug/l	100
28) Bromochloromethane	7.17	49	100192	49.42	ug/l	100
29) Tetrahydrofuran	7.18	42	259252	241.03	ug/l	99
30) Chloroform	7.35	83	199904	49.21	ug/l	100
31) Cyclohexane	7.63	56	196843	46.08	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	170594	48.72	ug/l	99
36) 1,1-Dichloropropene	7.77	75	152945	49.15	ug/l	99
37) Ethyl Acetate	6.90	43	161896	48.15	ug/l	99
38) Carbon Tetrachloride	7.75	117	139430	49.99	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	181959	49.20	ug/l	99
40) Benzene	8.02	78	463771	49.37	ug/l	100
41) Methacrylonitrile	7.15	41	77035m	53.68	ug/l	
42) 1,2-Dichloroethane	8.10	62	161590	50.33	ug/l	100
43) Isopropyl Acetate	8.14	43	274002	49.41	ug/l	100
44) Trichloroethene	8.82	130	117458	49.60	ug/l	100
45) 1,2-Dichloropropane	9.10	63	124823	50.36	ug/l	98
46) Dibromomethane	9.19	93	77041	51.41	ug/l	99
47) Bromodichloromethane	9.39	83	158606	50.93	ug/l	98
48) Methyl methacrylate	9.18	41	124442	50.40	ug/l	100
49) 1,4-Dioxane	9.18	88	32173	1096.31	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	803999	254.79	ug/l	100
52) Toluene	10.14	92	282848	49.86	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	182769	51.09	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	194653	49.60	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	108782	49.84	ug/l	99
56) Ethyl methacrylate	10.42	69	176860	51.97	ug/l	99
57) 1,3-Dichloropropane	10.70	76	190922	50.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	427529	252.76	ug/l	100
59) 2-Hexanone	10.74	43	583013	256.48	ug/l	100
60) Dibromochloromethane	10.89	129	116406	51.63	ug/l	100
61) 1,2-Dibromoethane	11.00	107	111530	50.82	ug/l	100
64) Tetrachloroethene	10.62	164	112321	47.89	ug/l	99
65) Chlorobenzene	11.43	112	288979	48.91	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	106307	49.69	ug/l	98
67) Ethyl Benzene	11.50	91	543755	49.48	ug/l	99
68) m/p-Xylenes	11.62	106	400868	98.17	ug/l	99
69) o-Xylene	11.94	106	192796	49.46	ug/l	99
70) Styrene	11.96	104	322405	50.57	ug/l	100
71) Bromoform	12.12	173	84102	47.39	ug/l #	100
73) Isopropylbenzene	12.25	105	513802	46.78	ug/l	99
74) N-amyl acetate	12.06	43	245073	48.28	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	159826	48.12	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	158395m	50.15	ug/l	
77) Bromobenzene	12.52	156	123737	46.75	ug/l	99
78) n-propylbenzene	12.59	91	611865	47.15	ug/l	99
79) 2-Chlorotoluene	12.67	91	358005	46.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	437084	46.89	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	56432	45.89	ug/l	97
82) 4-Chlorotoluene	12.77	91	374129	47.38	ug/l	99
83) tert-Butylbenzene	12.99	119	357962	46.33	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	436679	47.35	ug/l	99
85) sec-Butylbenzene	13.17	105	490856	47.24	ug/l	100
86) p-Isopropyltoluene	13.28	119	442893	47.40	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	222151	47.59	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	223571	47.67	ug/l	100
89) n-Butylbenzene	13.61	91	404539	47.95	ug/l	100
90) Hexachloroethane	13.87	117	61488	45.27	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	214626	48.08	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32426	46.59	ug/l	98

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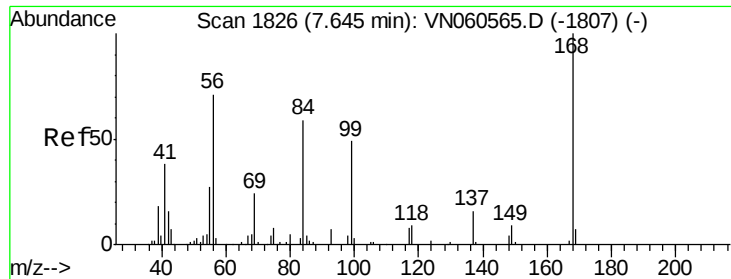
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	134807	49.18	ug/l	99
94) Hexachlorobutadiene	15.01	225	60641	45.13	ug/l	99
95) Naphthalene	15.13	128	406340	49.29	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	127633	47.27	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 168 Resp: 193195

Ion Ratio Lower Upper

168 100

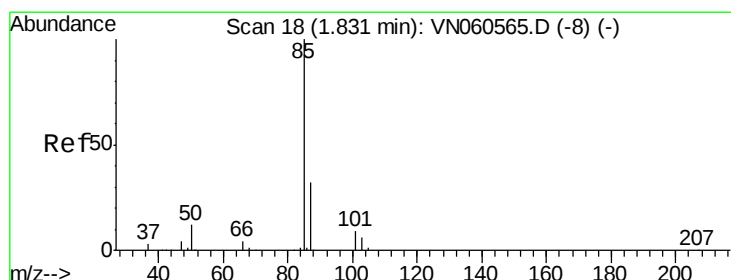
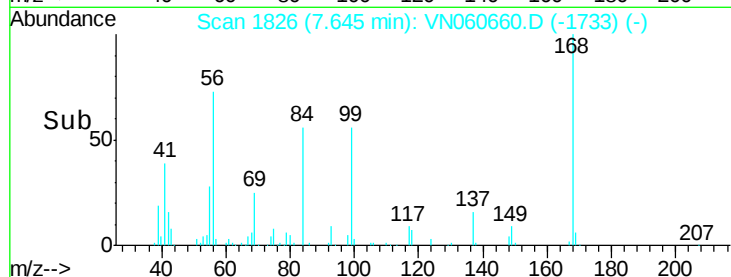
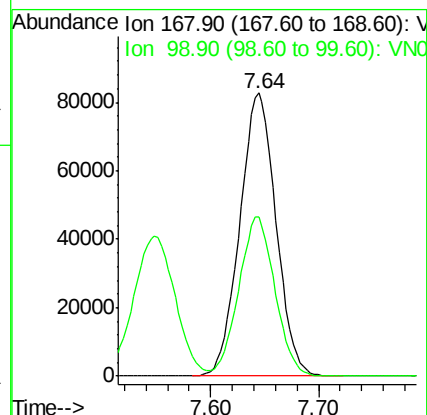
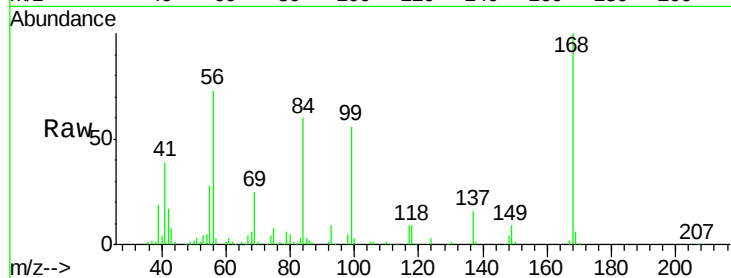
99 56.1 44.0 66.0

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#2

Dichlorodifluoromethane

Concen: 49.16 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060660.D

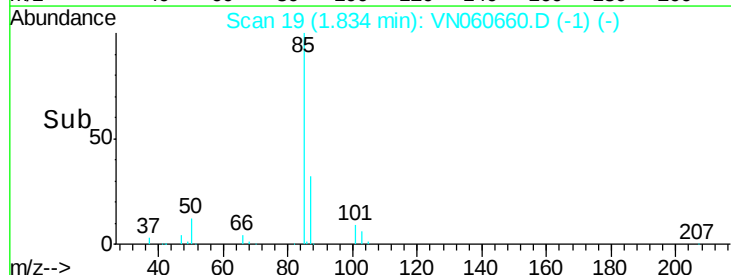
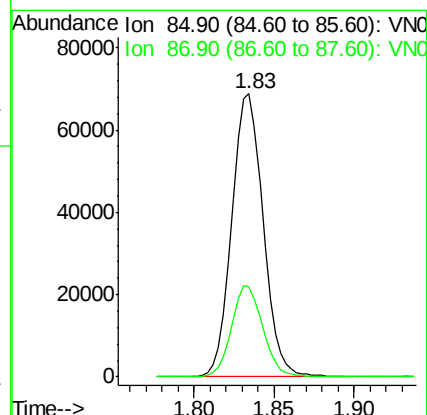
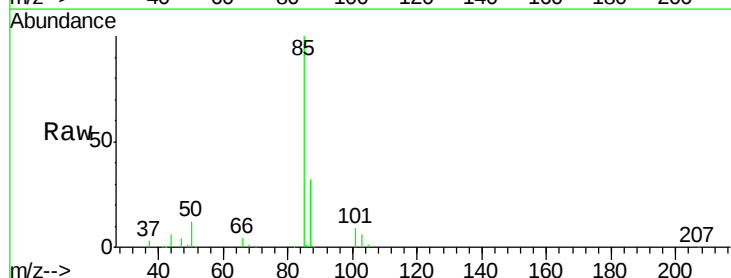
Acq: 20 Mar 2020 18:04

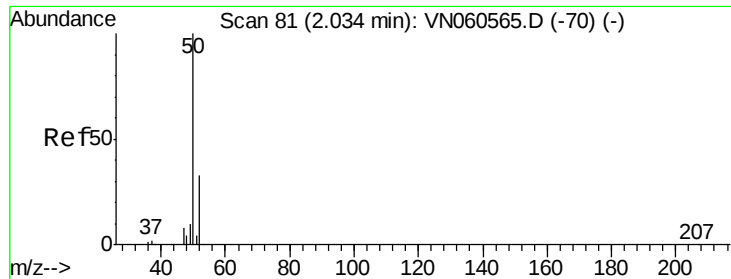
Tgt Ion: 85 Resp: 91902

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5





#3

Chloromethane

Concen: 45.41 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 50 Resp: 158534

Ion Ratio Lower Upper

50 100

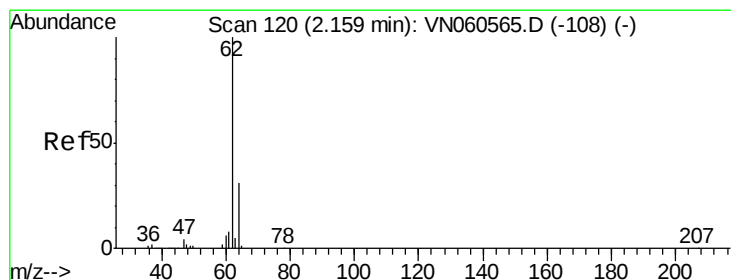
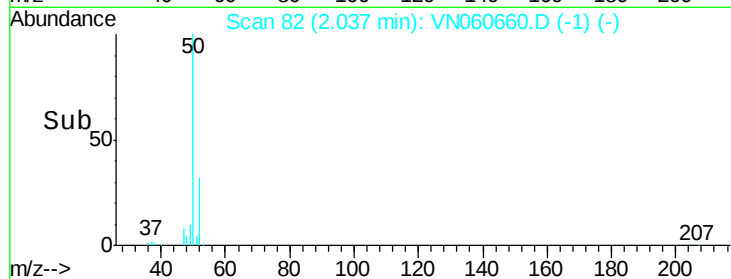
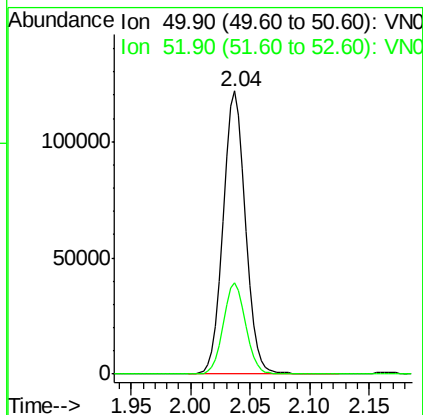
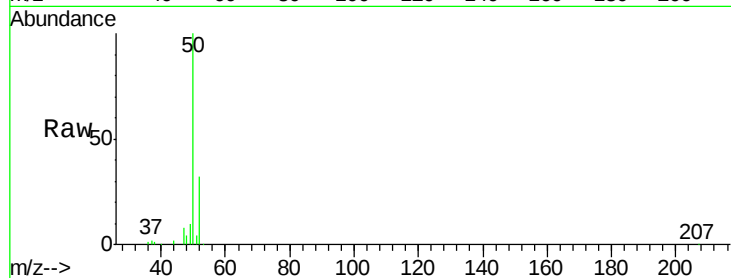
52 32.3 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.58 ug/l

RT: 2.16 min Scan# 121

Delta R.T. 0.00 min

Lab File: VN060660.D

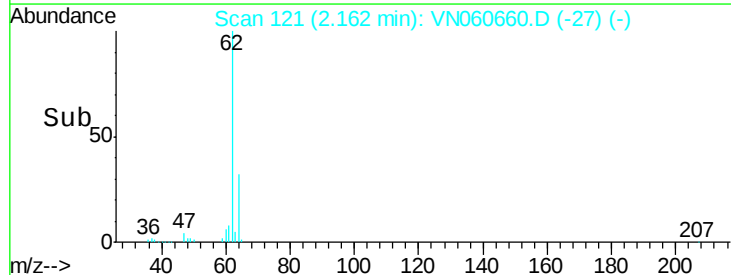
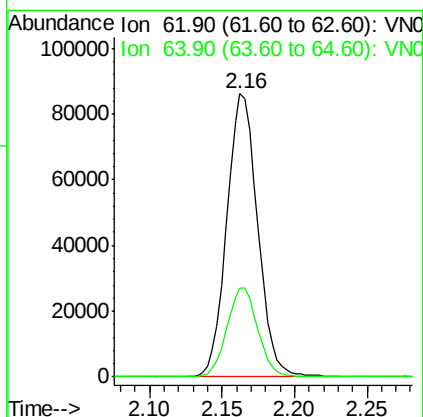
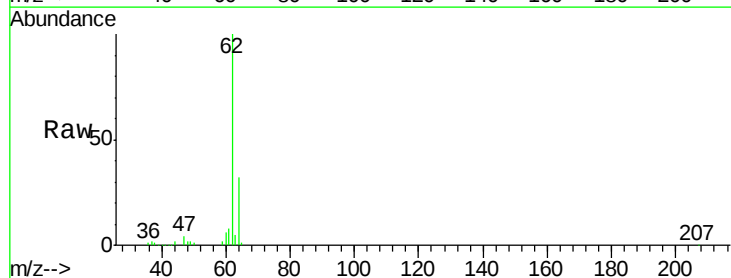
Acq: 20 Mar 2020 18:04

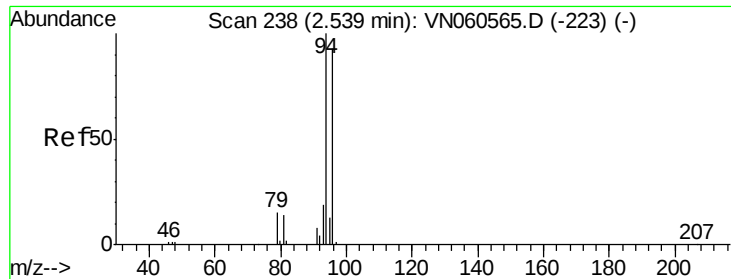
Tgt Ion: 62 Resp: 127206

Ion Ratio Lower Upper

62 100

64 31.5 24.7 37.1





#5

Bromomethane

Concen: 49.58 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

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VSTDCCC050EC

Tgt Ion: 94 Resp: 58440

Ion Ratio Lower Upper

94 100

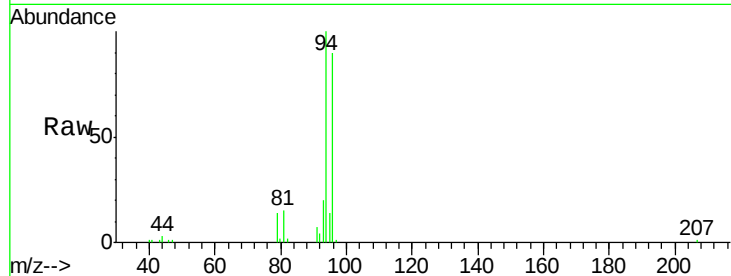
96 90.4 74.6 112.0

Manual Integrations

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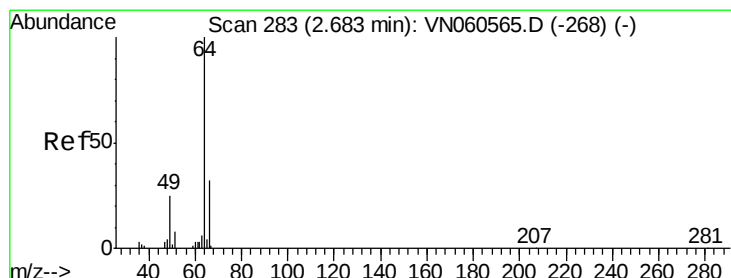
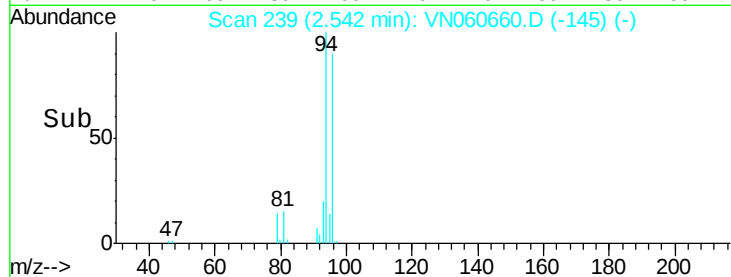
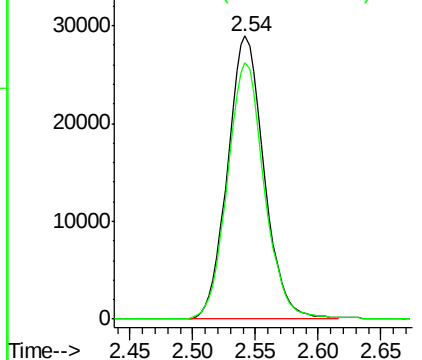
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.73 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060660.D

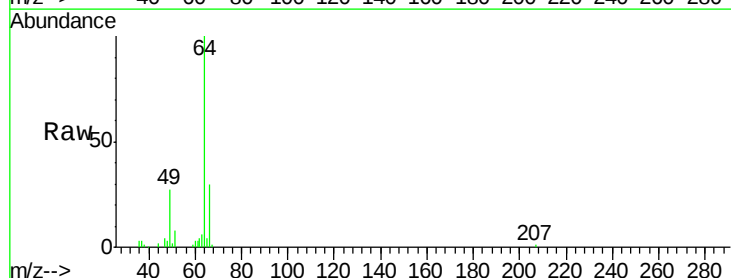
Acq: 20 Mar 2020 18:04

Tgt Ion: 64 Resp: 76654

Ion Ratio Lower Upper

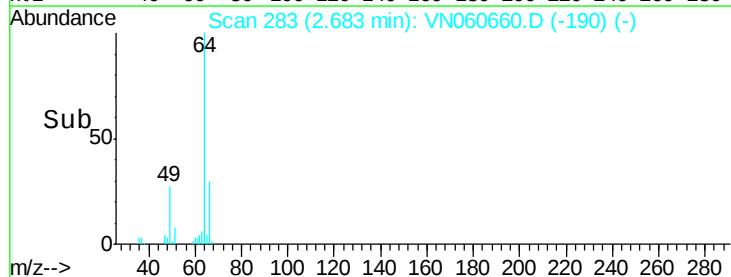
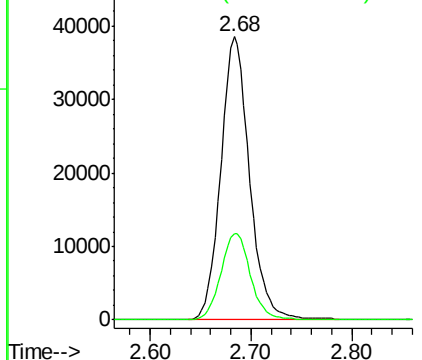
64 100

66 30.4 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

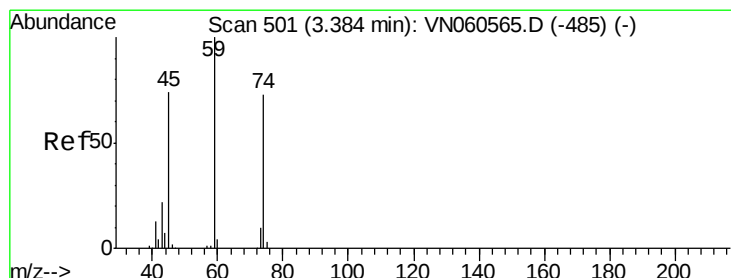
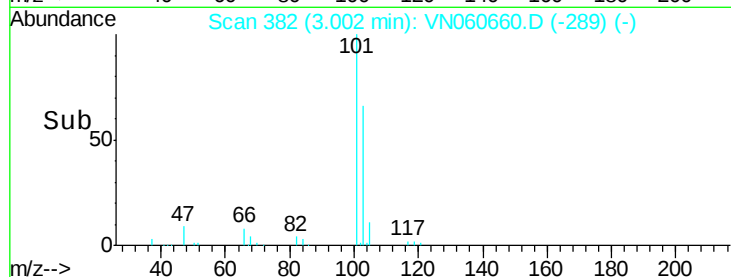
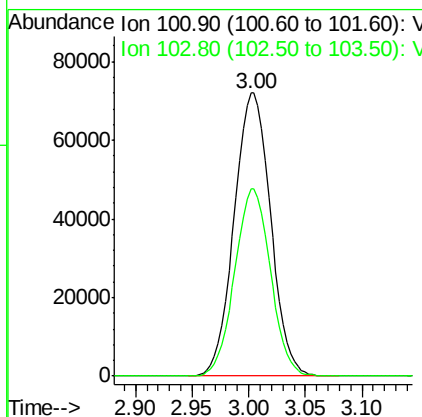
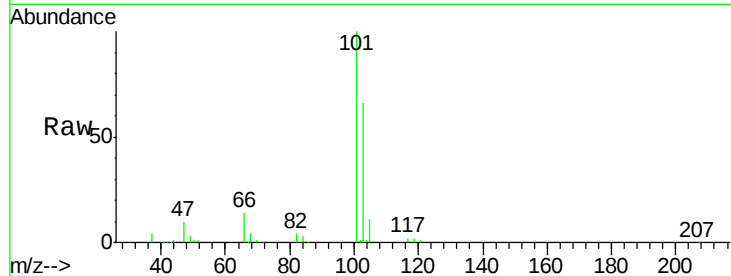
Trichlorofluoromethane
 Concen: 48.19 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

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 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.1	50.6	76.0

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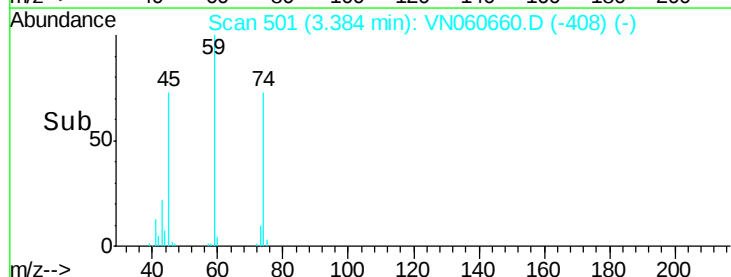
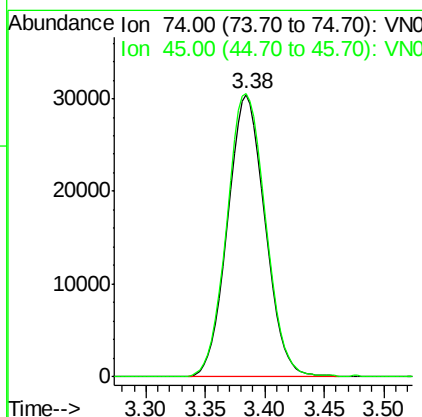
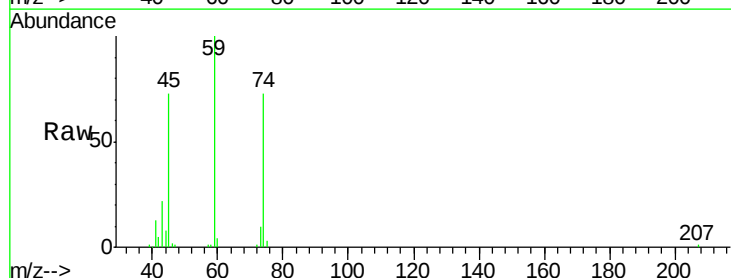
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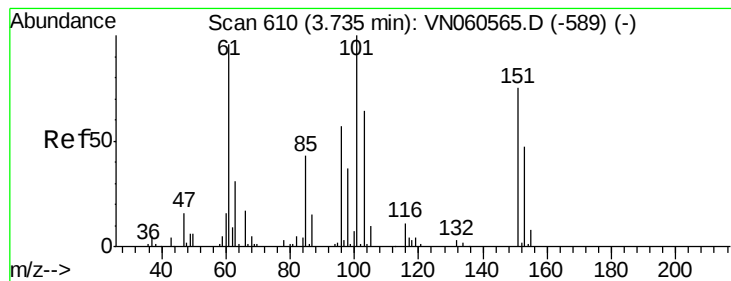


#8

Diethyl Ether
 Concen: 49.11 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.2	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.28 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

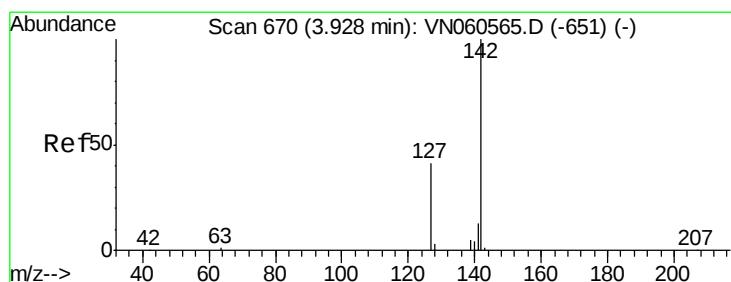
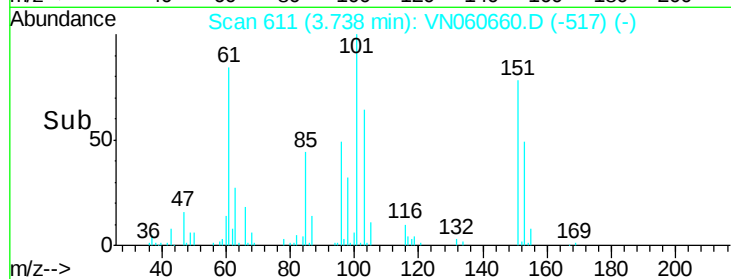
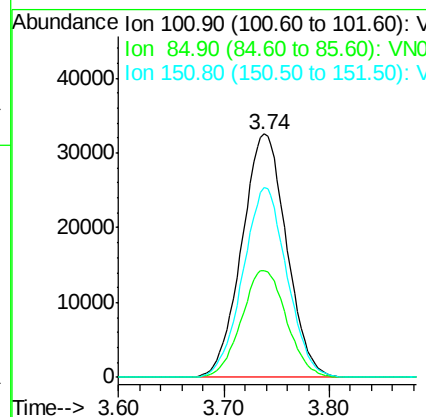
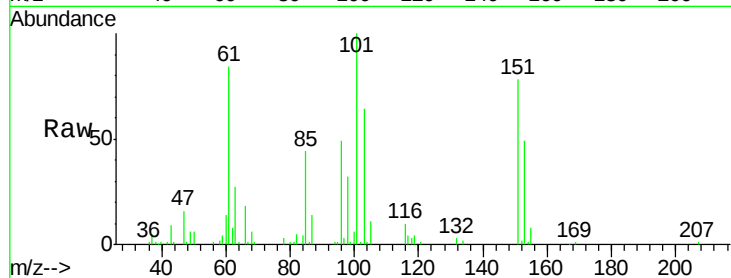
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	101	Resp:	96050
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.6	53.4
151	76.7	61.4	92.2

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#10

Methyl Iodide

Concen: 47.59 ug/l

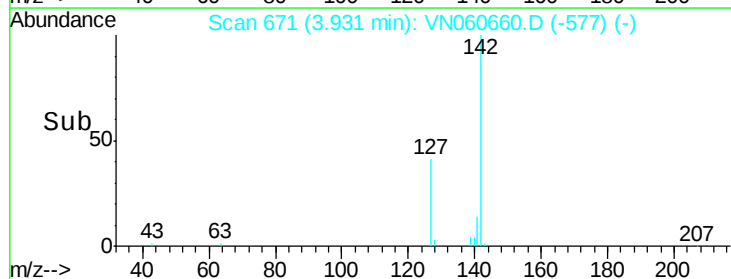
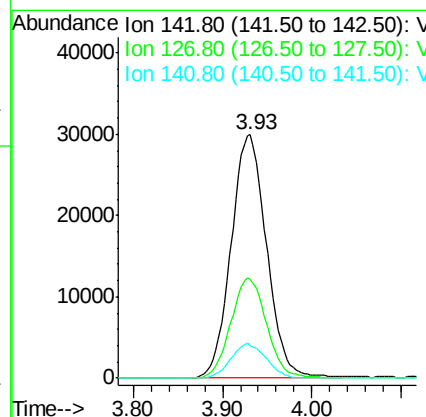
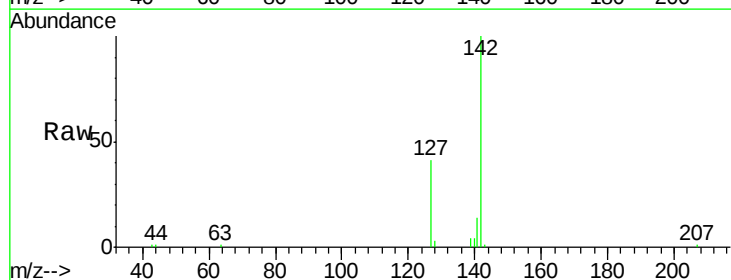
RT: 3.93 min Scan# 671

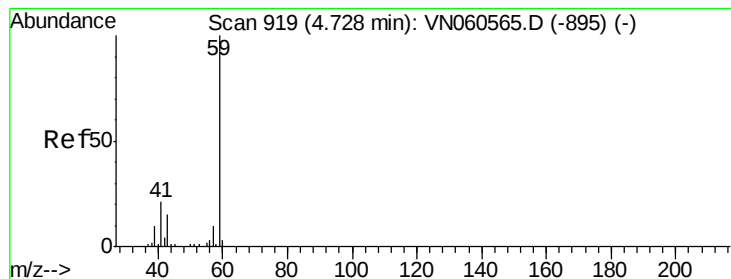
Delta R.T. 0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Tgt Ion:	142	Resp:	82546
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.5	50.3
141	13.9	11.0	16.6





#11

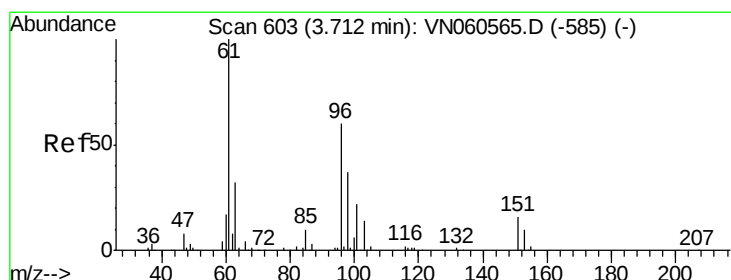
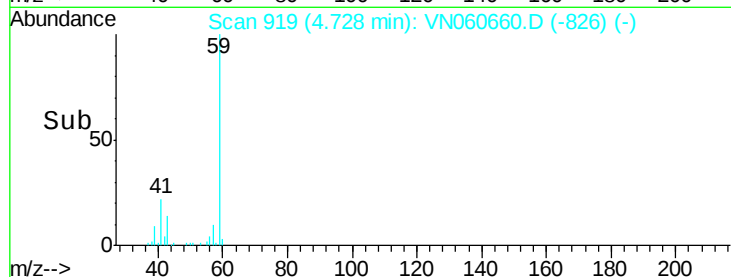
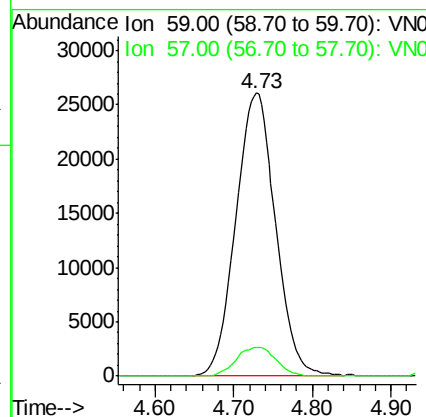
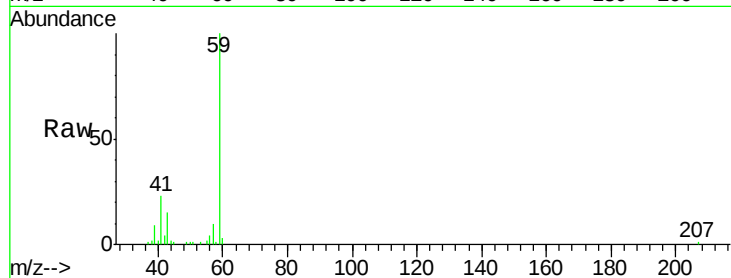
Tert butyl alcohol
Concen: 236.31 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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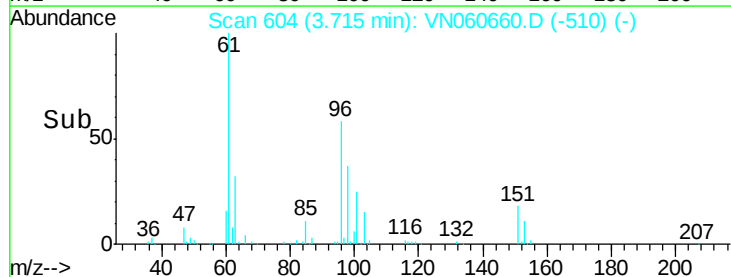
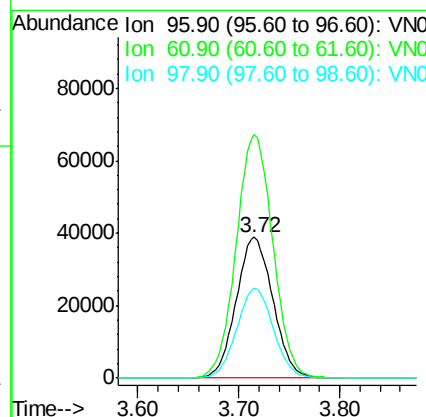
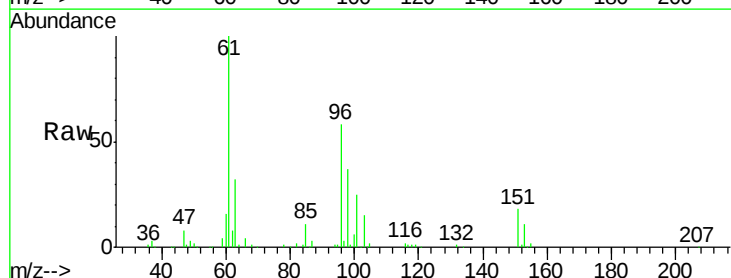
MMDadoda
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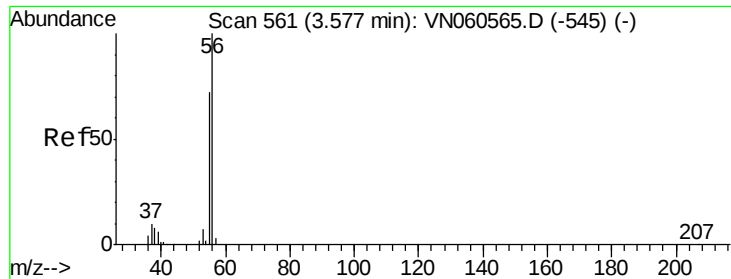


#12

1,1-Dichloroethene
Concen: 47.02 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	173.0	134.1	201.1
98	63.5	49.9	74.9





#13

Acrolein

Concen: 206.55 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 89287

Ion Ratio Lower Upper

56 100

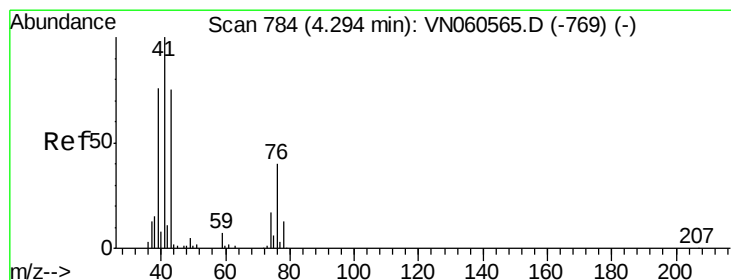
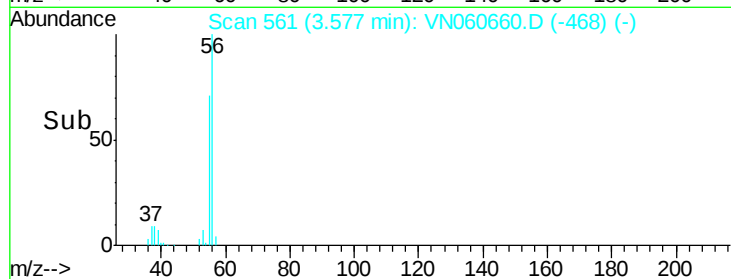
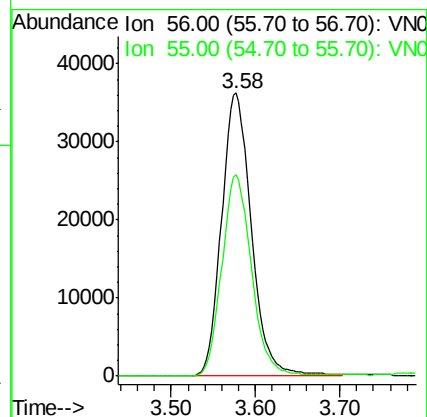
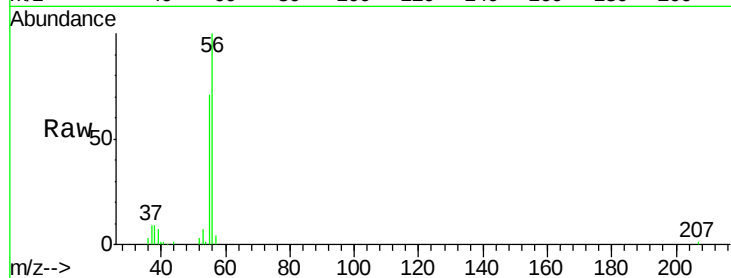
55 70.5 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 47.37 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

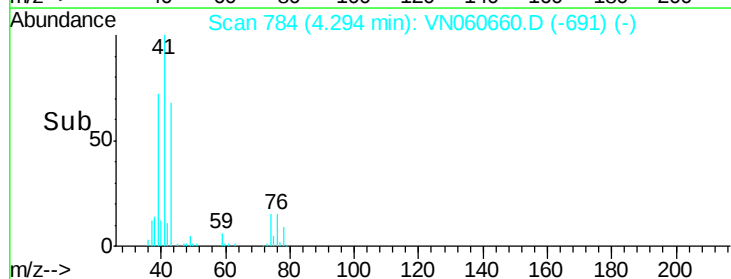
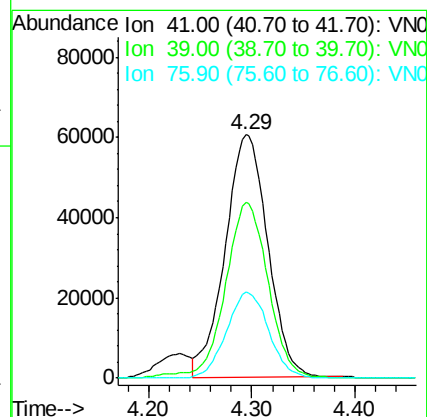
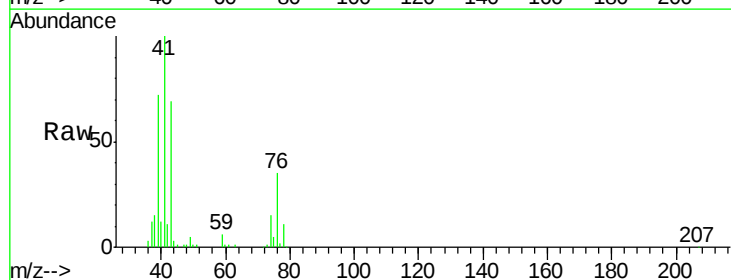
Tgt Ion: 41 Resp: 174283

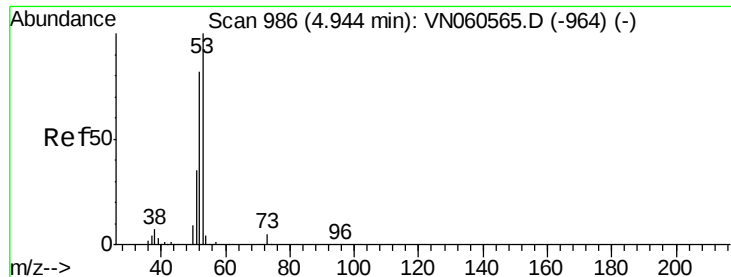
Ion Ratio Lower Upper

41 100

39 72.9 57.8 86.8

76 35.1 28.6 43.0





#15

Acrylonitrile

Concen: 250.38 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

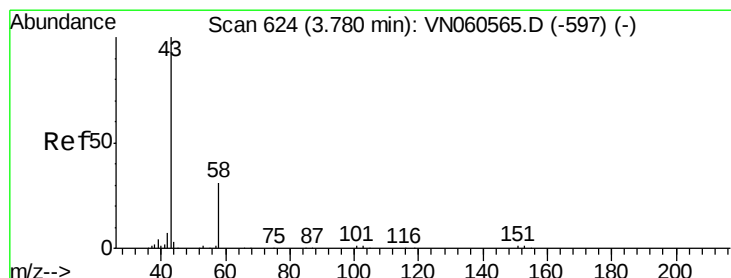
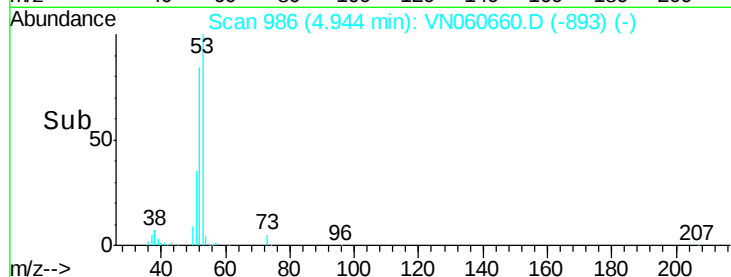
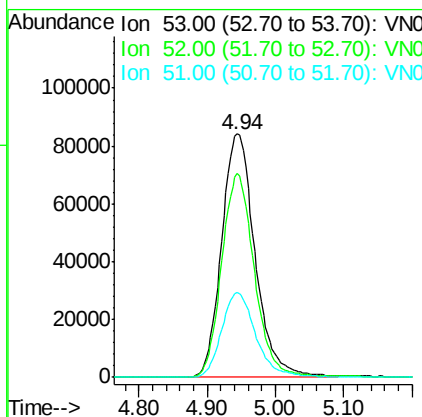
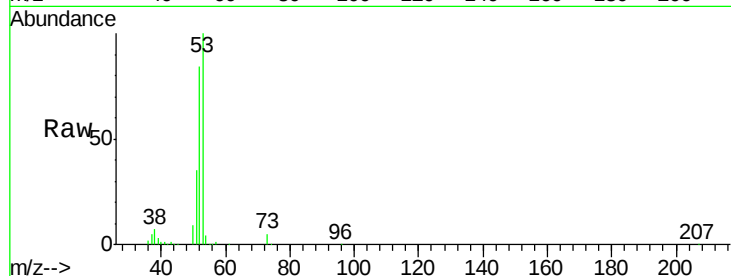
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	53	Resp:	287180
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.2	99.4
51	35.5	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 240.85 ug/l

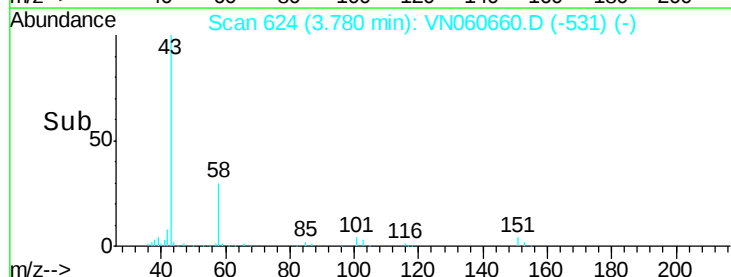
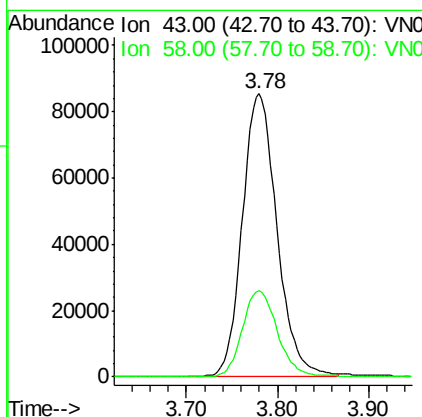
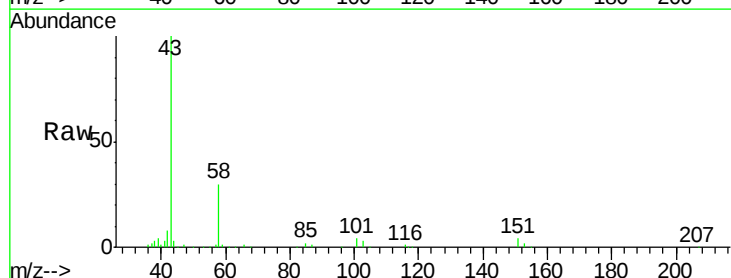
RT: 3.78 min Scan# 624

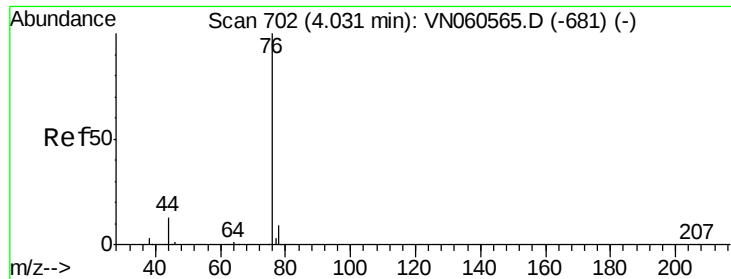
Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Tgt Ion:	43	Resp:	226264
Ion	Ratio	Lower	Upper
43	100		
58	30.5	25.1	37.7





#17

Carbon Disulfide

Concen: 46.70 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 297073

Ion Ratio Lower Upper

76 100

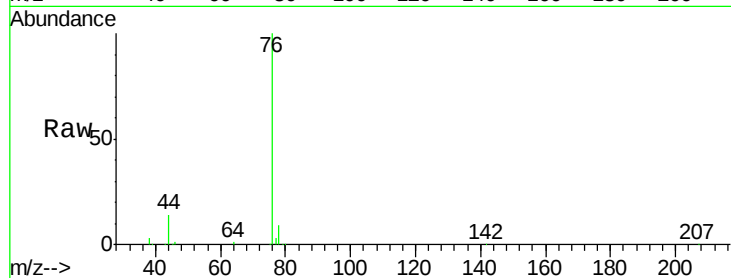
78 9.1 7.2 10.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN060660.D (-689) (-)

Ion 77.90 (77.60 to 78.60): VN060660.D (-689) (-)

4.03

120000

100000

80000

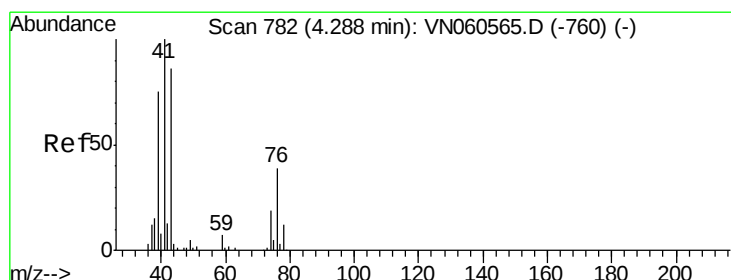
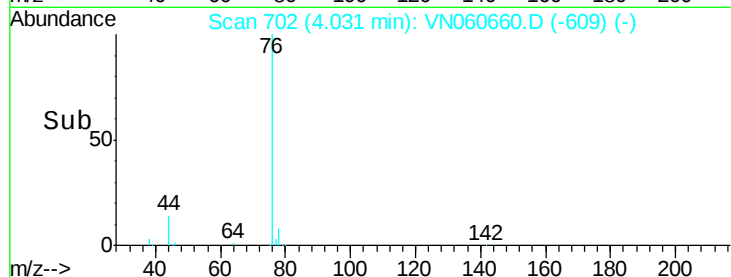
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 49.23 ug/l

RT: 4.29 min Scan# 782

Delta R.T. -0.00 min

Lab File: VN060660.D

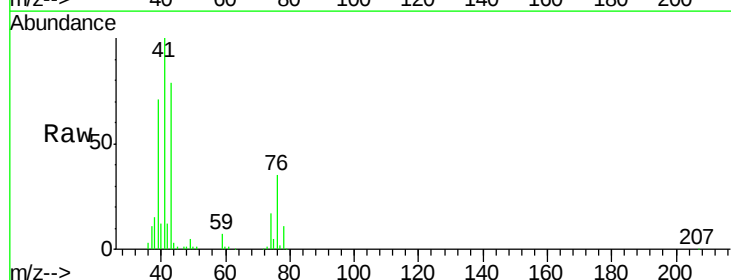
Acq: 20 Mar 2020 18:04

Tgt Ion: 43 Resp: 130181

Ion Ratio Lower Upper

43 100

74 21.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060660.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060660.D (-689) (-)

4.29

50000

40000

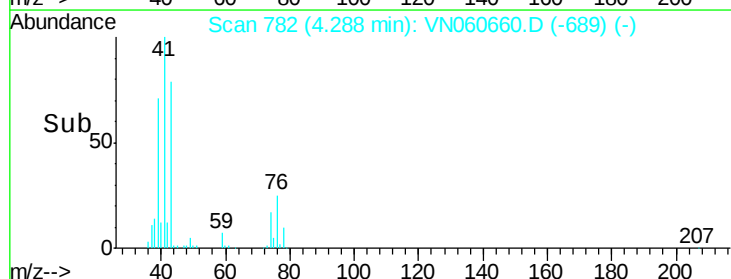
30000

20000

10000

0

Time-->





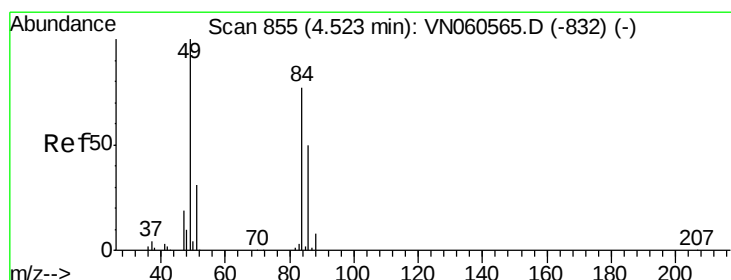
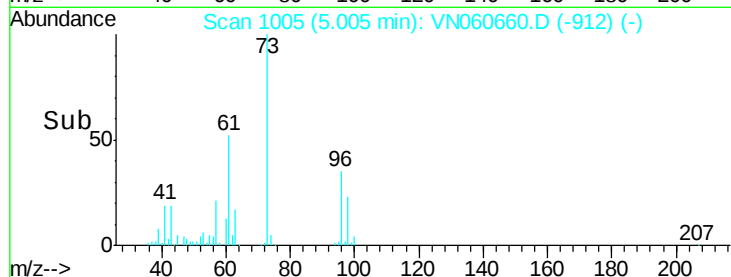
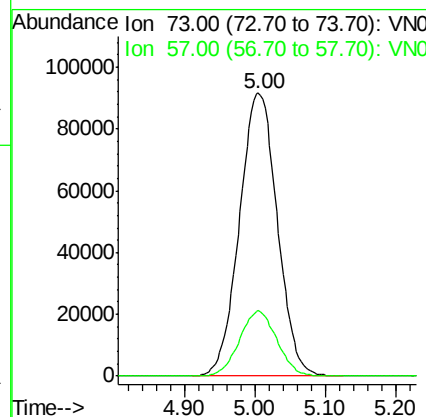
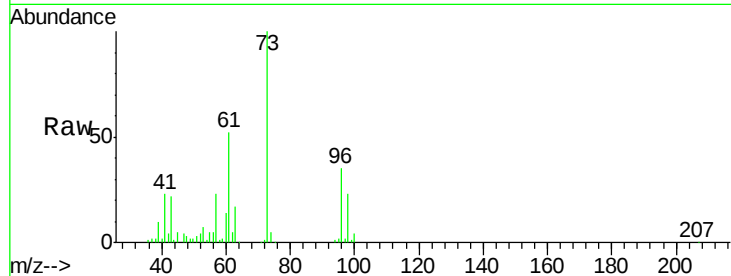
#19
Methyl tert-butyl Ether
Concen: 47.65 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 342652
Ion Ratio Lower Upper
73 100
57 23.2 17.5 26.3

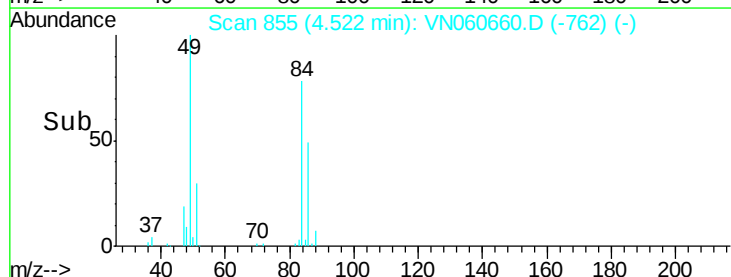
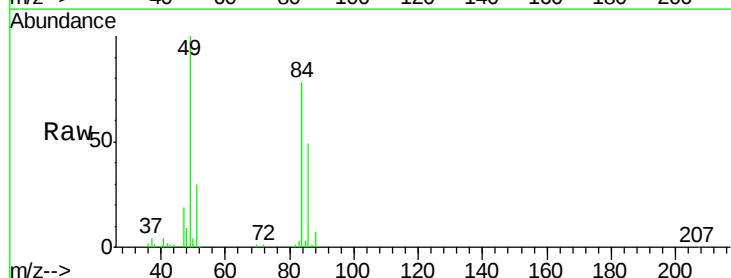
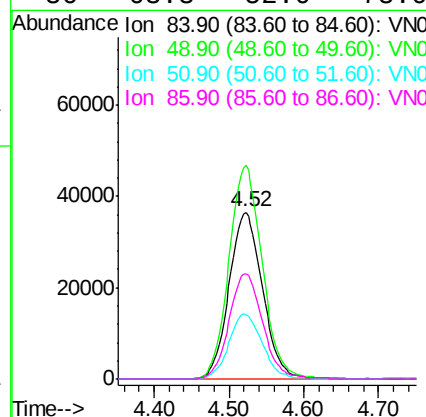
Manual Integrations
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#20
Methylene Chloride
Concen: 49.10 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion: 84 Resp: 113472
Ion Ratio Lower Upper
84 100
49 128.2 103.3 154.9
51 38.3 31.6 47.4
86 63.3 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 47.95 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

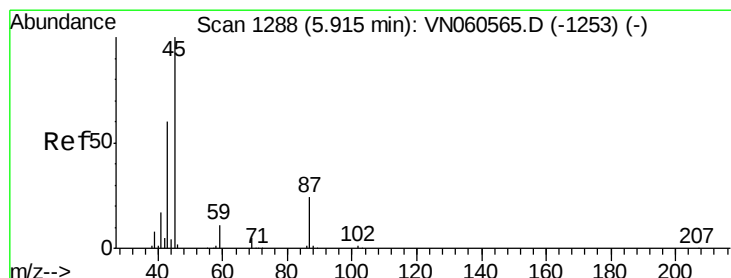
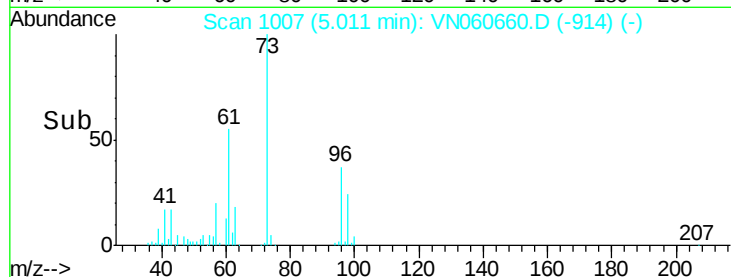
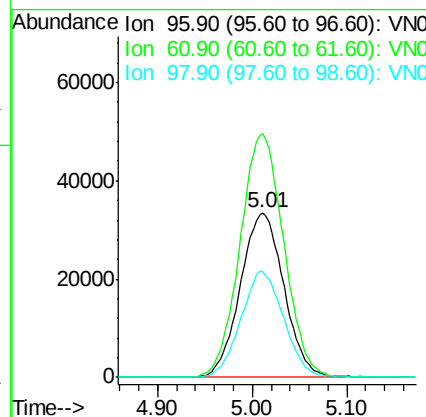
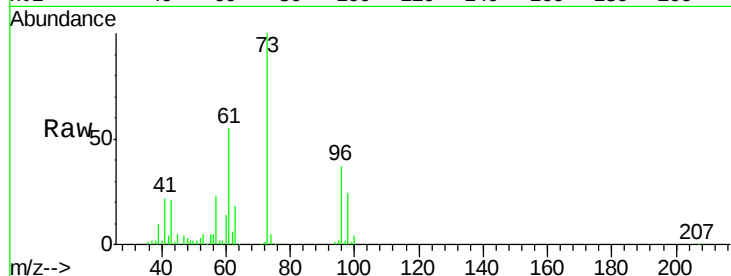
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	96	Resp:	106888
Ion	Ratio	Lower	Upper
96	100		
61	147.9	114.4	171.6
98	63.8	48.4	72.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.83 ug/l

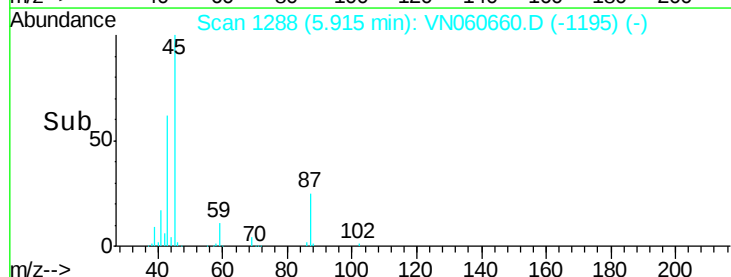
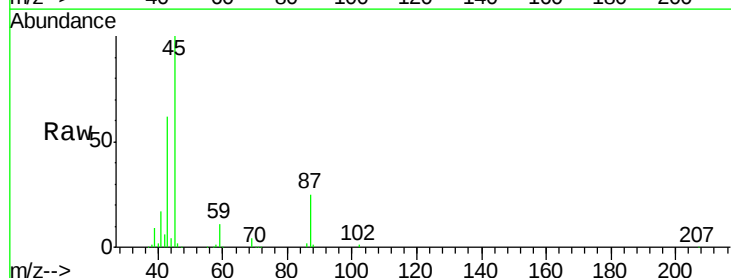
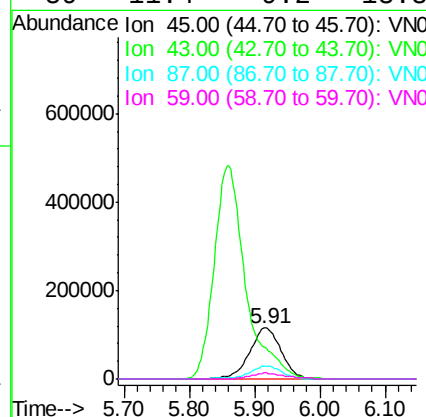
RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Tgt Ion:	45	Resp:	387266
Ion	Ratio	Lower	Upper
45	100		
43	61.7	49.8	74.8
87	25.4	20.1	30.1
59	11.4	9.2	13.8





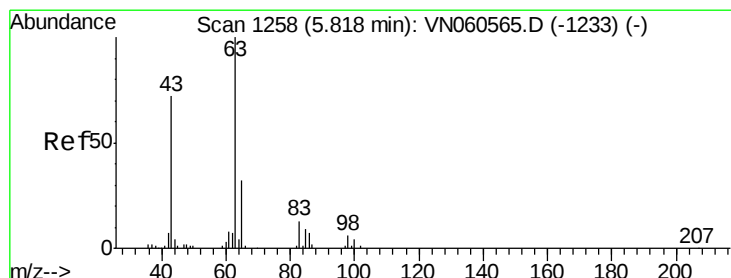
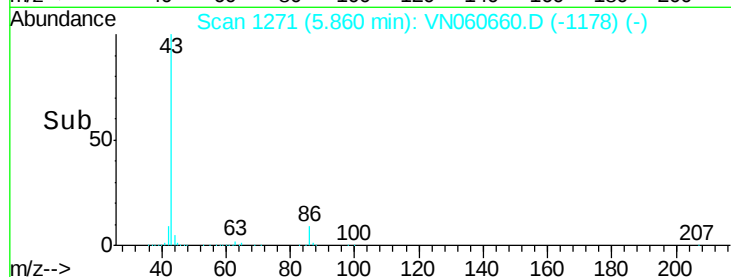
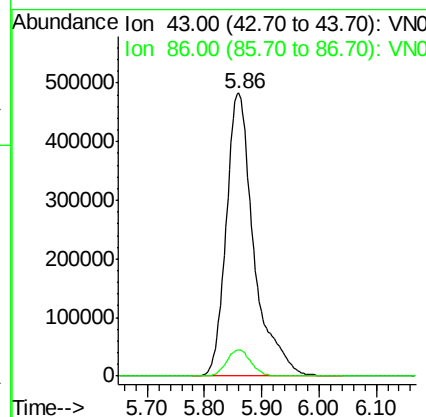
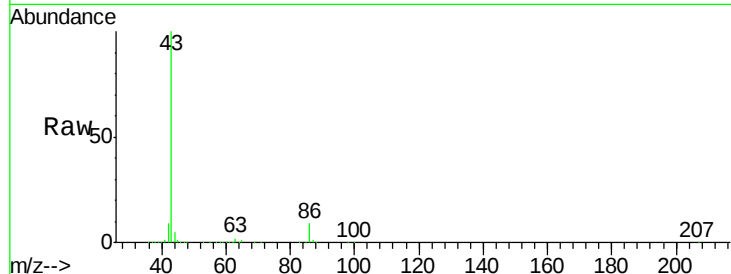
#23
 Vinyl Acetate
 Concen: 254.77 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1615650
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.6 11.4

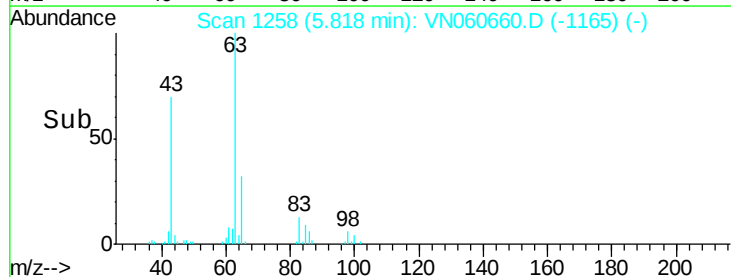
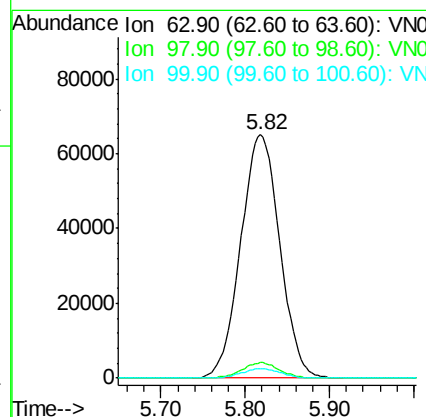
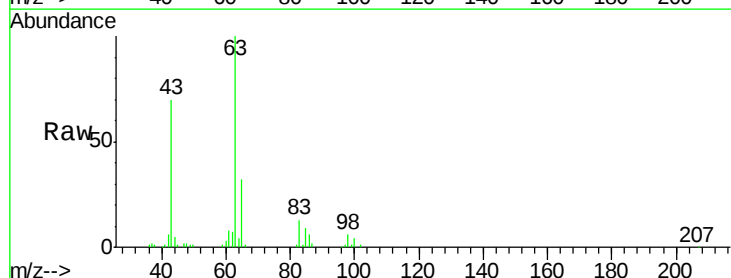
Manual Integrations
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#24
 1,1-Dichloroethane
 Concen: 49.37 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion: 63 Resp: 209181
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.9 8.7
 100 4.0 1.8 5.5





#25

2-Butanone

Concen: 246.73 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 375072

Ion Ratio Lower Upper

43 100

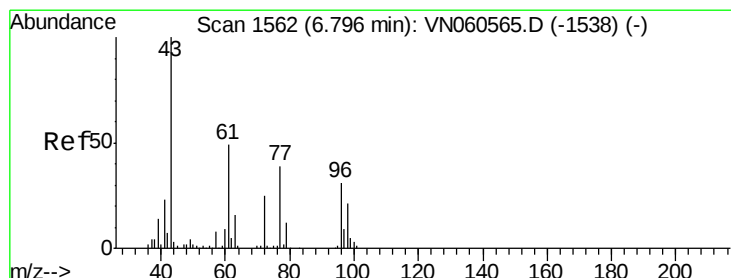
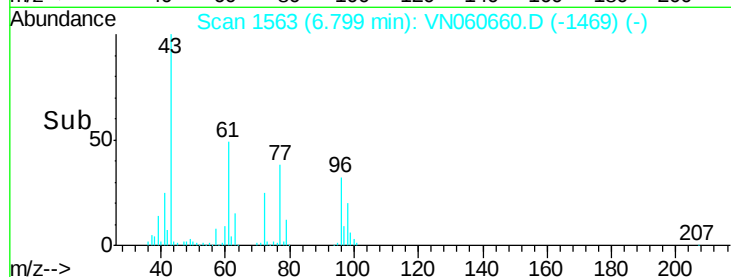
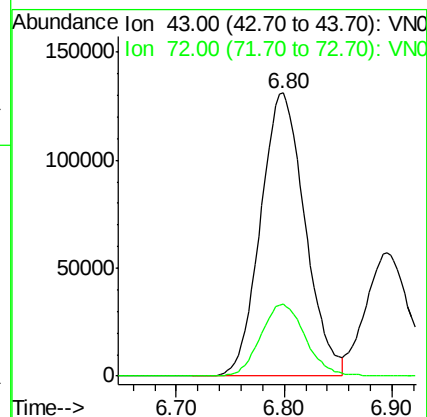
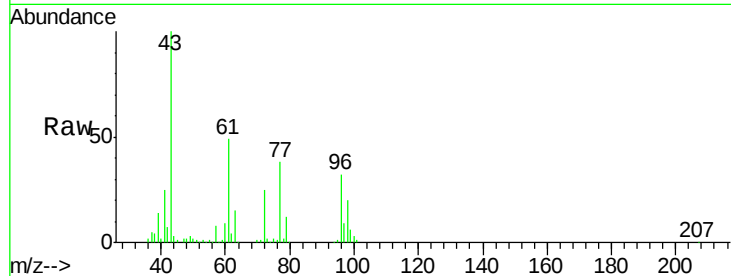
72 25.3 20.4 30.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.05 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060660.D

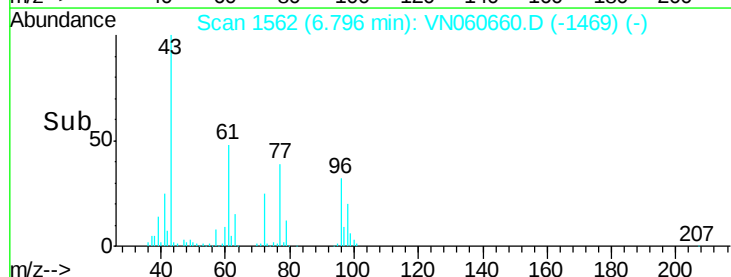
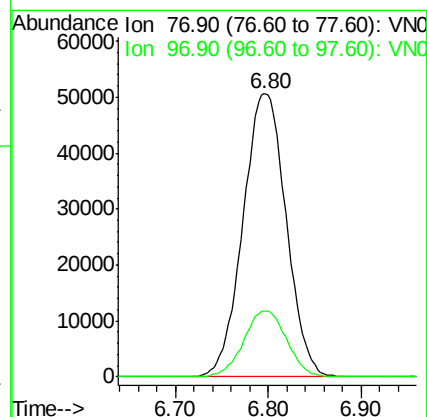
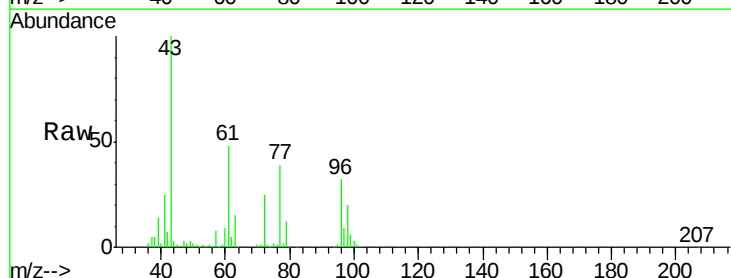
Acq: 20 Mar 2020 18:04

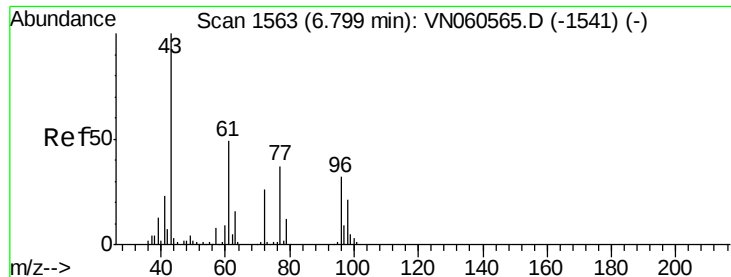
Tgt Ion: 77 Resp: 163531

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1





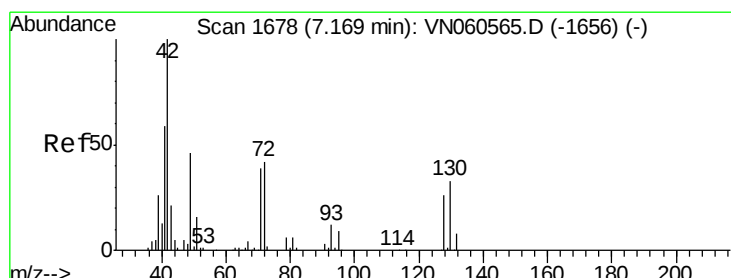
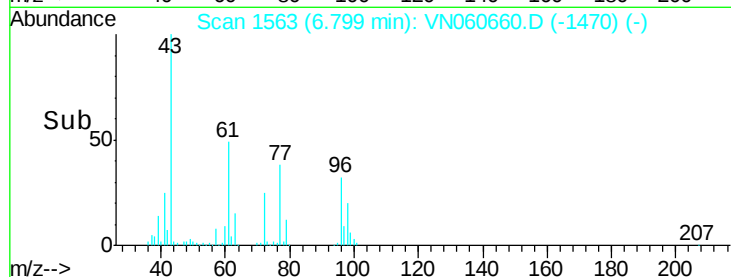
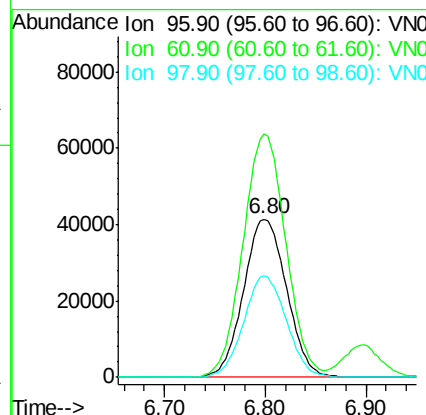
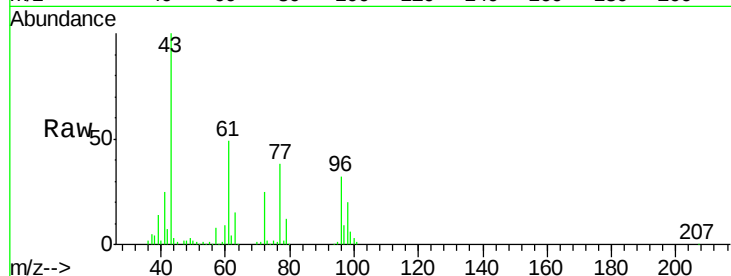
#27
 cis-1,2-Dichloroethene
 Concen: 48.54 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	122961		
61	153.1	0.0	305.6	
98	63.5	0.0	127.6	

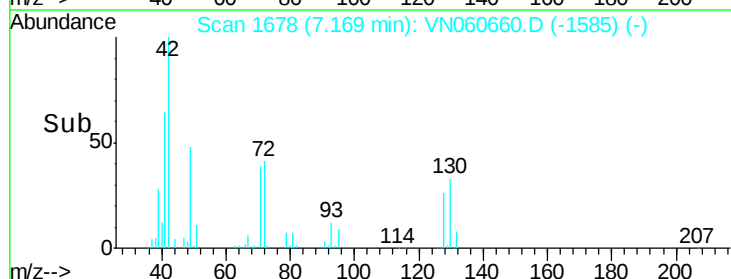
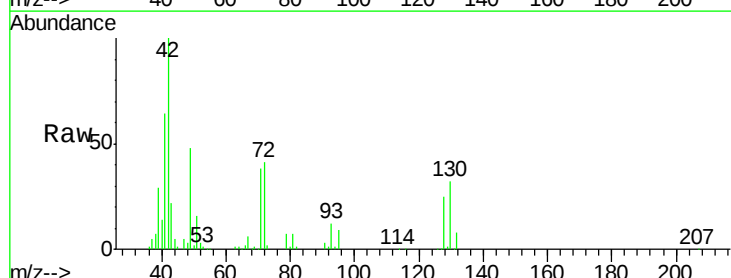
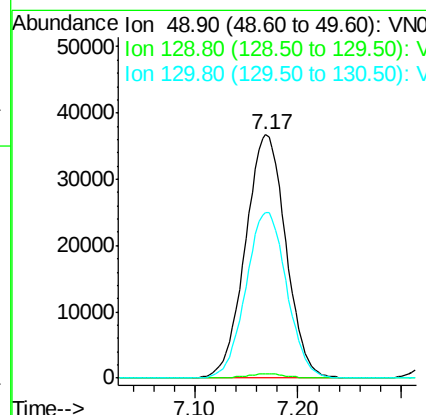
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#28
 Bromochloromethane
 Concen: 49.42 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	100192		
129	1.5	0.0	3.4	
130	68.5	55.0	82.4	





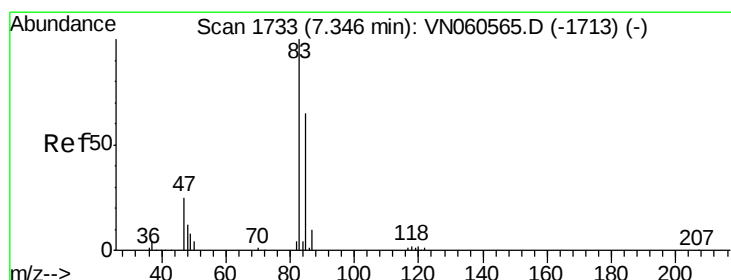
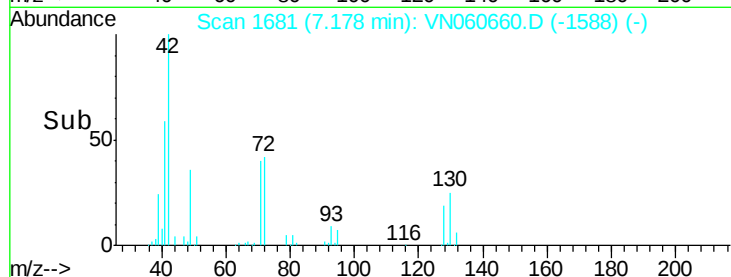
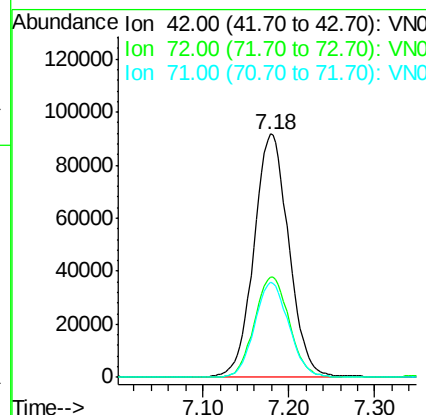
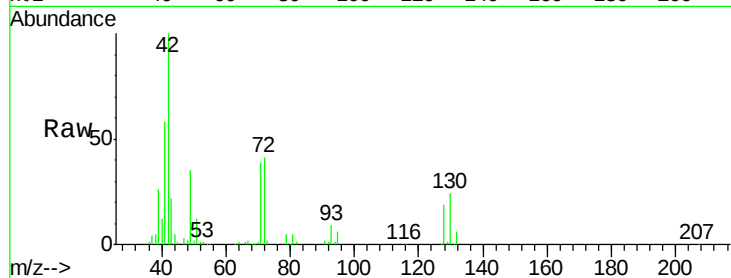
#29
Tetrahydrofuran
Concen: 241.03 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.3	33.2	49.8
71	38.4	31.1	46.7

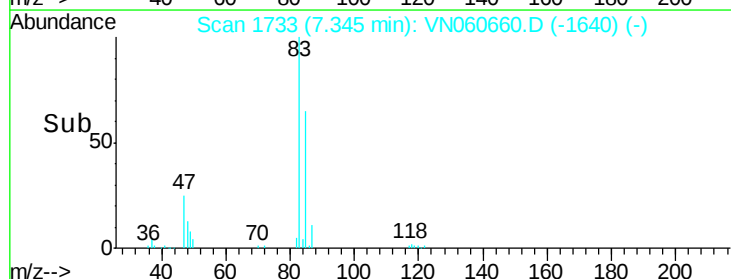
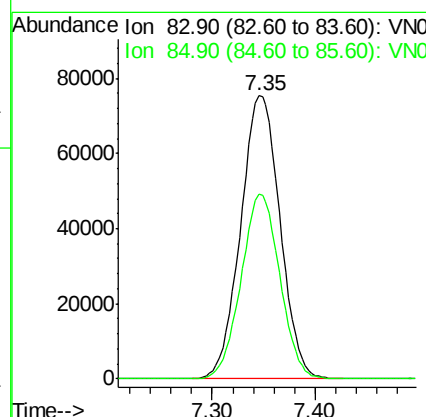
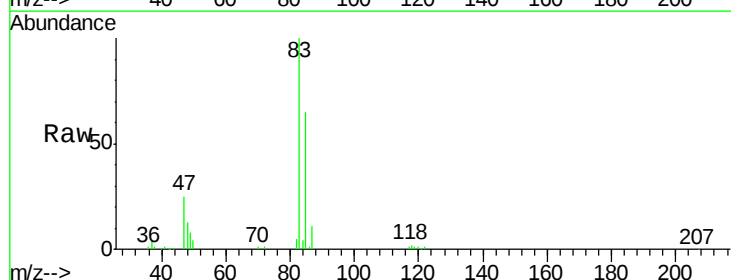
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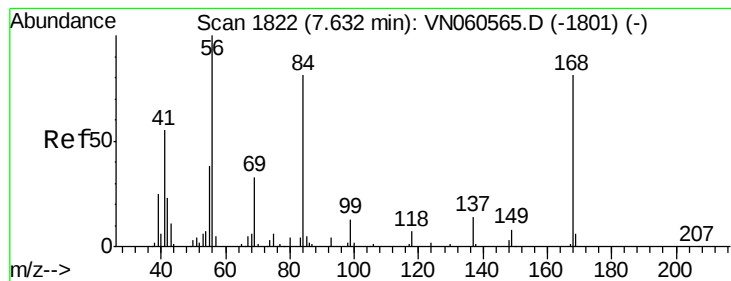
MMDadoda
3/23/2020 2:27:11 PM



#30
Chloroform
Concen: 49.21 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.8	77.8





#31

Cyclohexane

Concen: 46.08 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 196843

Ion Ratio Lower Upper

56 100

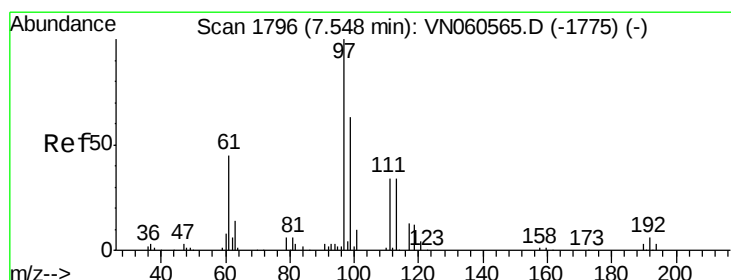
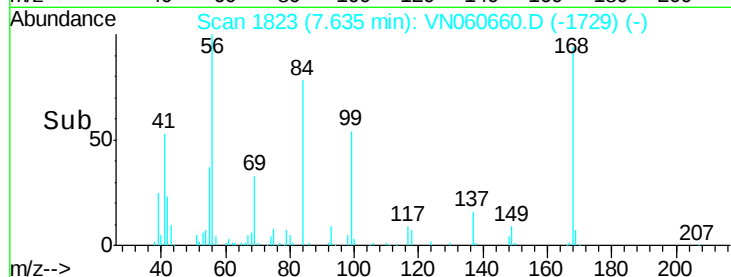
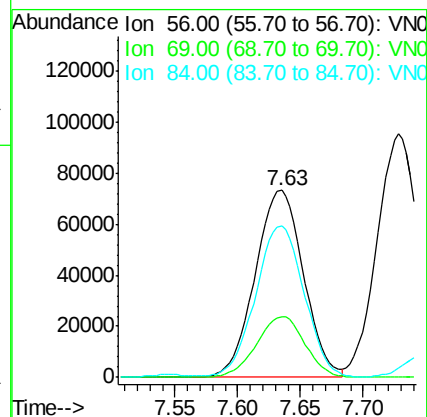
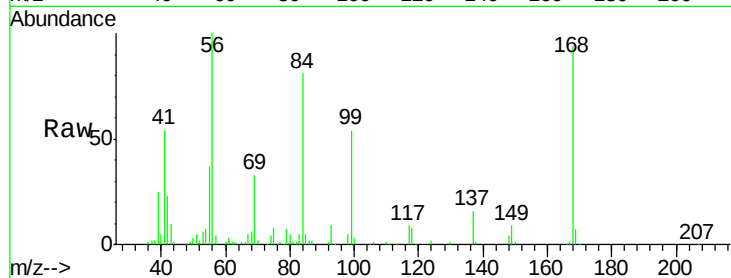
69 32.6 26.6 40.0

84 79.8 64.3 96.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.72 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

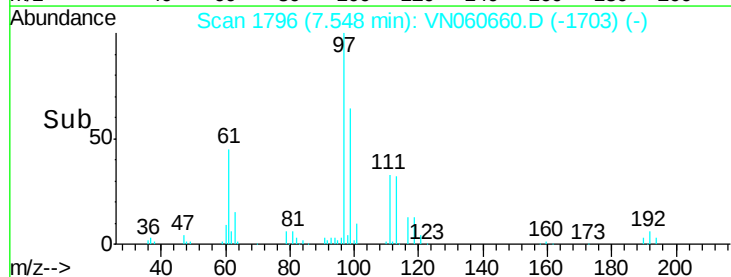
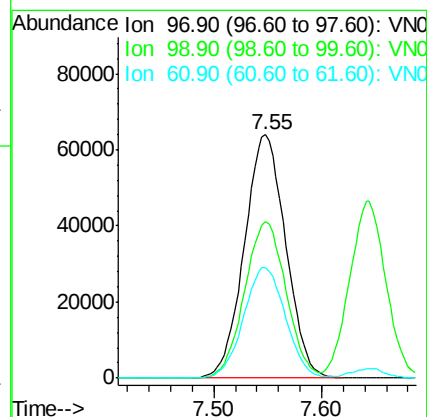
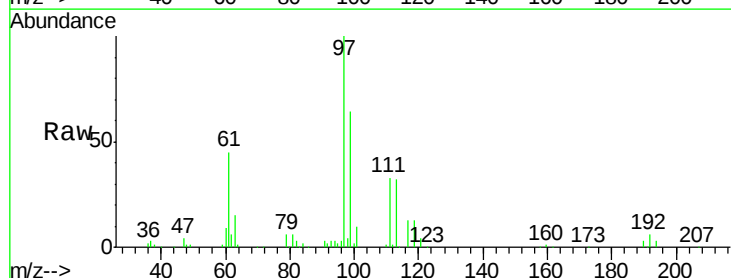
Tgt Ion: 97 Resp: 170594

Ion Ratio Lower Upper

97 100

99 64.5 50.6 75.8

61 45.9 36.2 54.4





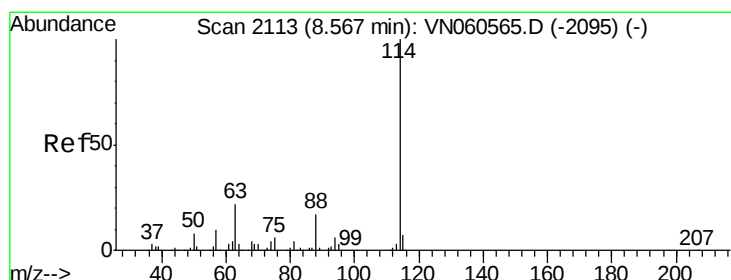
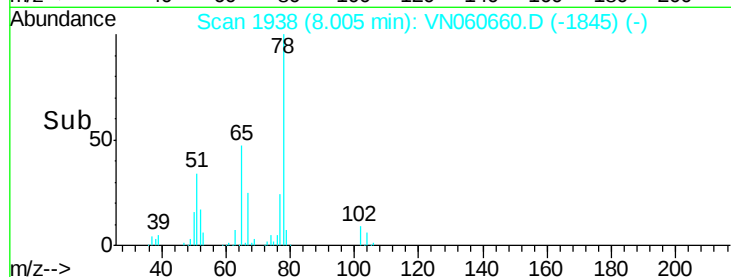
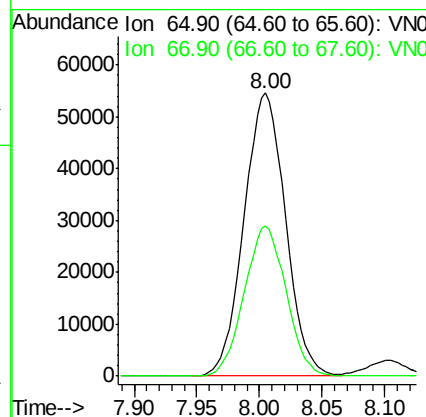
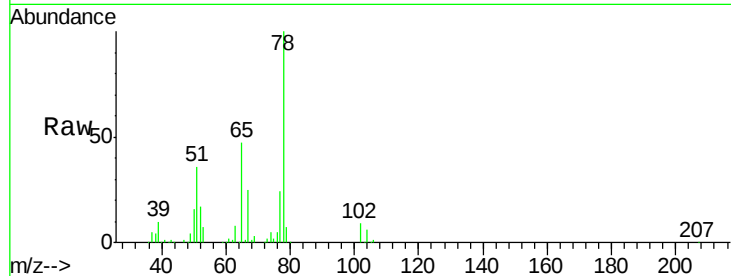
#33
 1,2-Dichloroethane-d4
 Concen: 47.44 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	125817		
67	53.3	0.0	107.6	

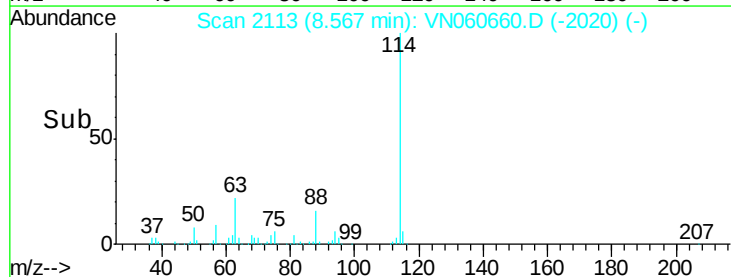
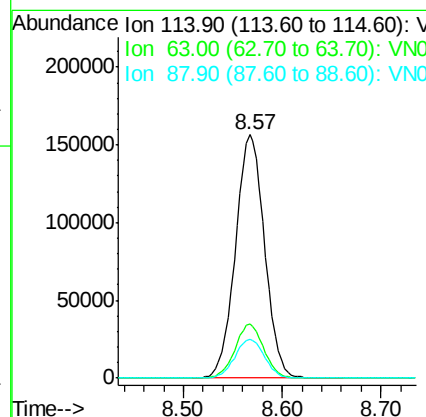
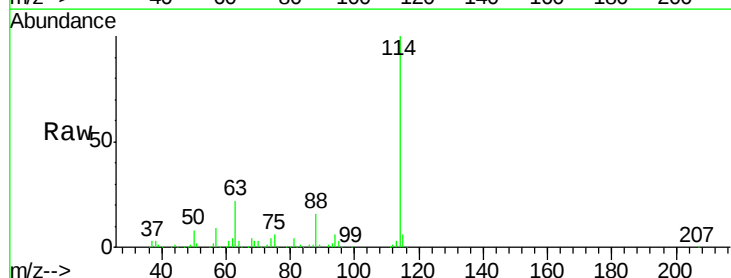
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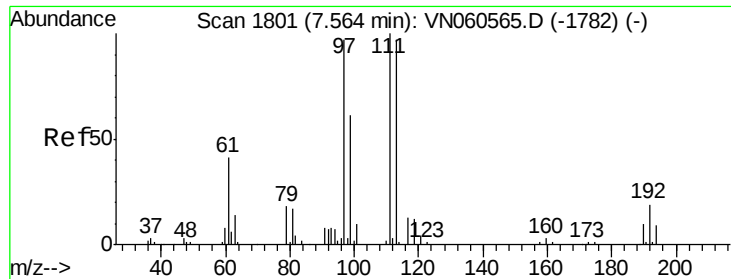
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#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	321376		
63	22.1	0.0	43.8	
88	15.8	0.0	33.0	





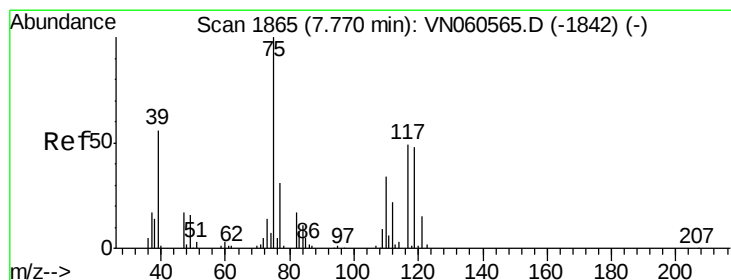
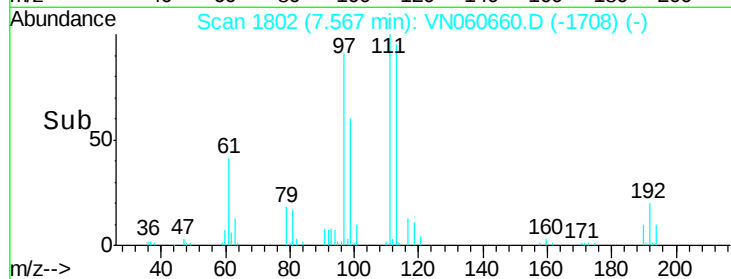
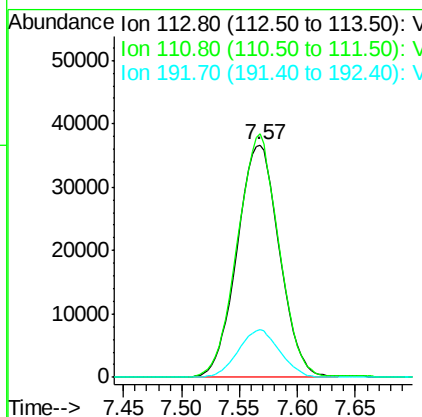
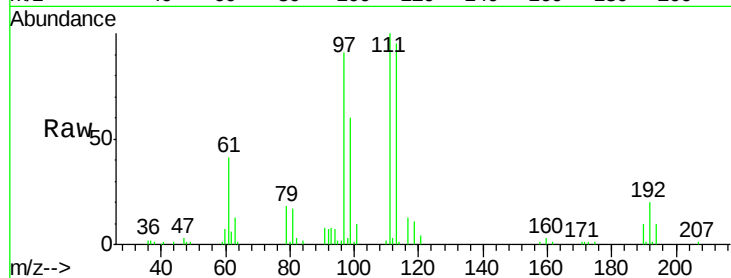
#35
Dibromofluoromethane
Concen: 47.86 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	93013		
111	102.4	82.9	124.3	
192	20.1	15.8	23.8	

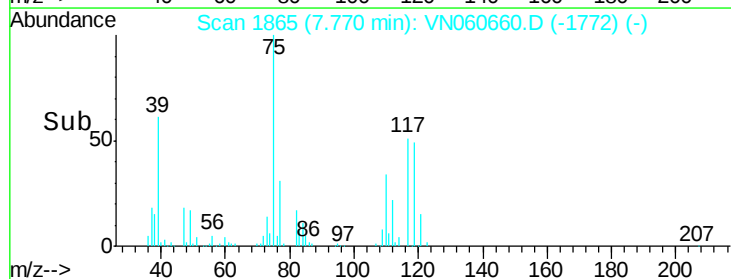
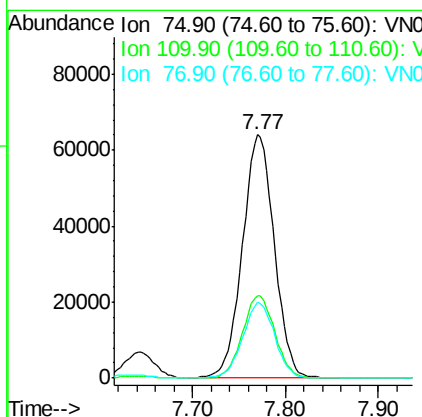
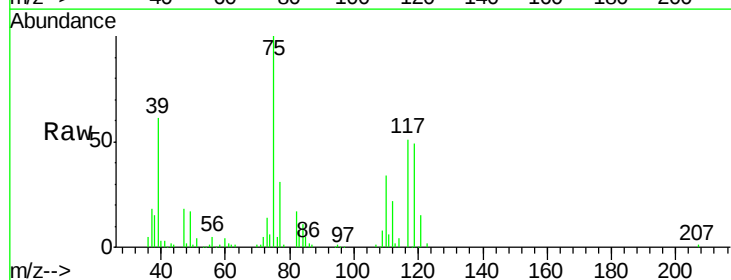
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#36
1,1-Dichloropropene
Concen: 49.15 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	152945		
110	34.2	16.9	50.6	
77	31.1	24.6	36.8	





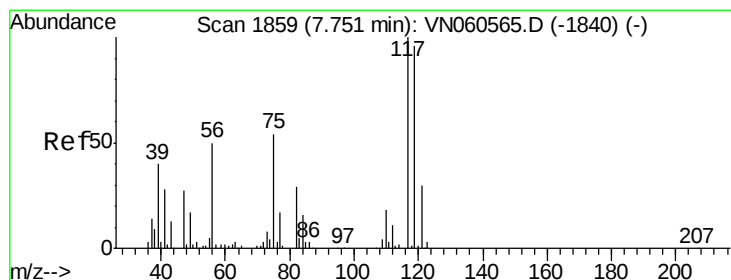
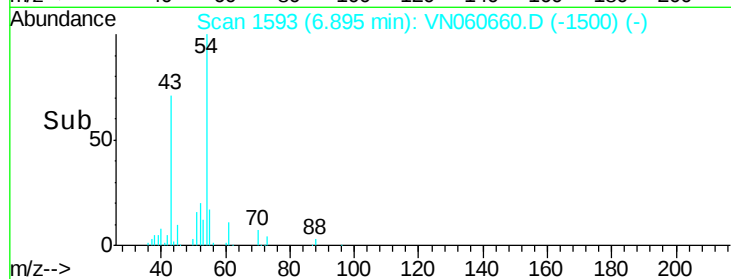
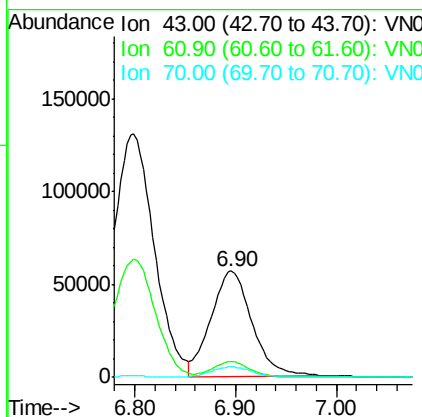
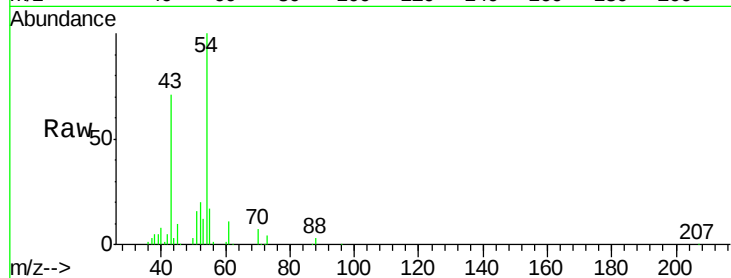
#37
 Ethyl Acetate
 Concen: 48.15 ug/l
 RT: 6.90 min Scan# 1593
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	15.8
70	10.0	7.9	11.9

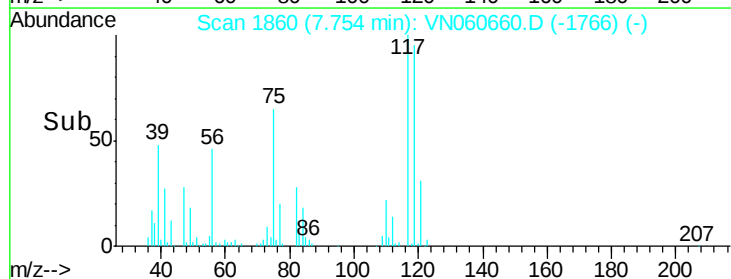
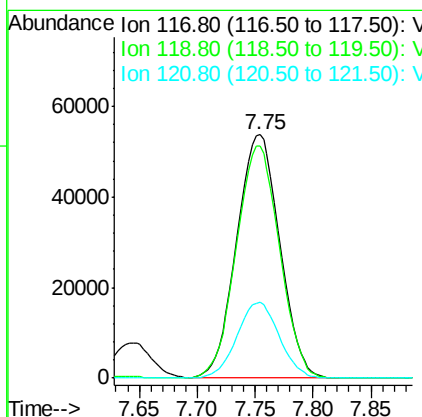
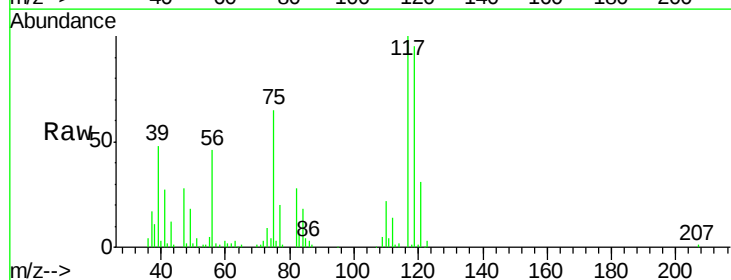
Manual Integrations
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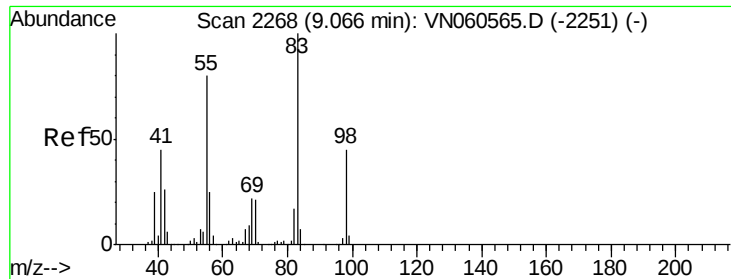
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#38
 Carbon Tetrachloride
 Concen: 49.99 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.2	114.2
121	31.0	23.7	35.5





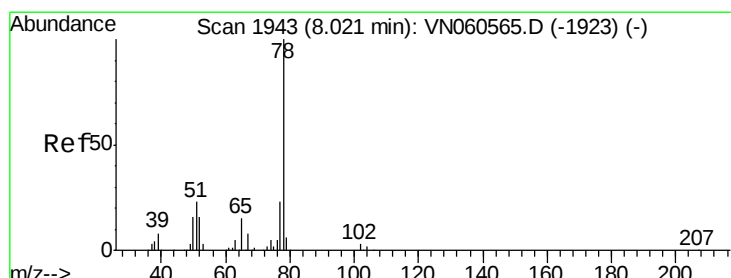
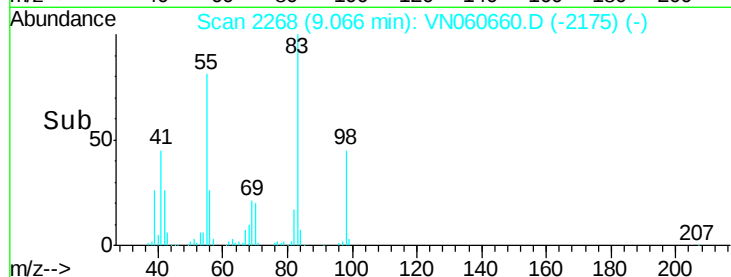
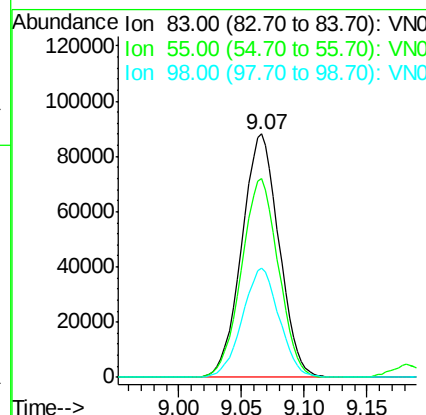
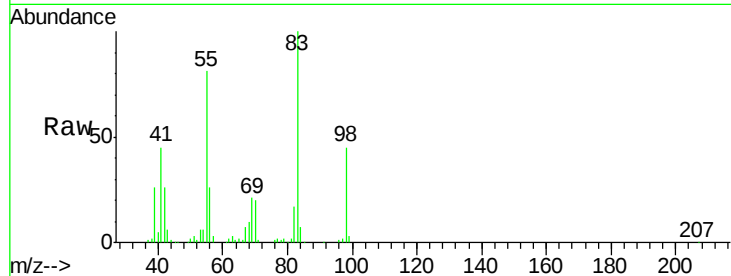
#39
Methylcyclohexane
Concen: 49.20 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
83	100		
55	81.4	63.6	95.4
98	44.9	36.0	54.0

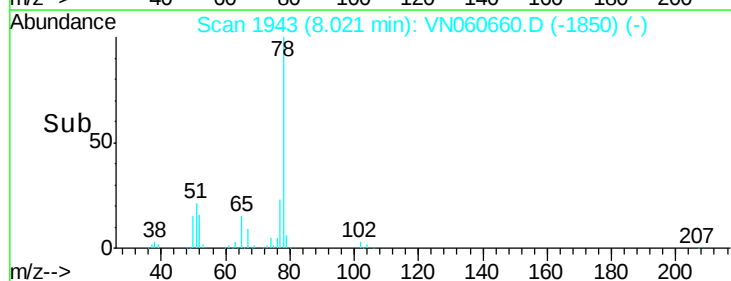
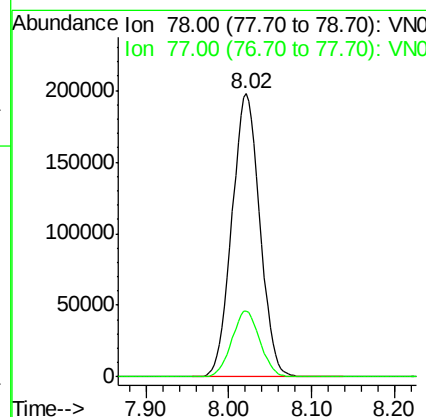
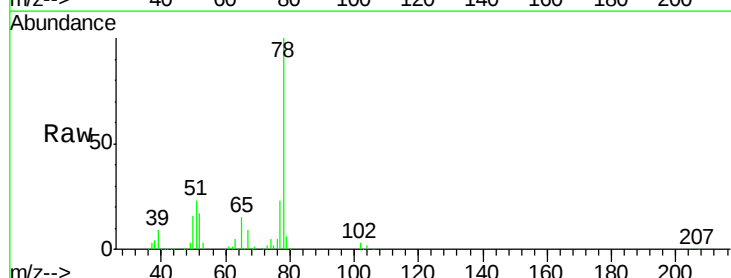
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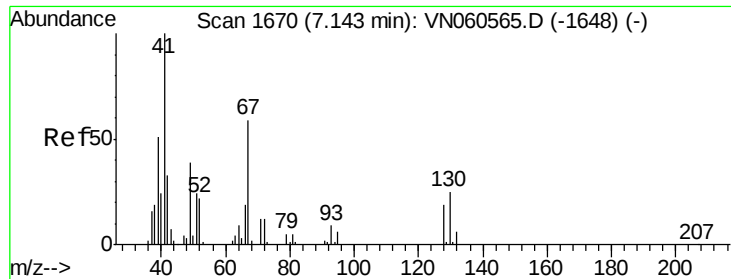
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#40
Benzene
Concen: 49.37 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	28.0





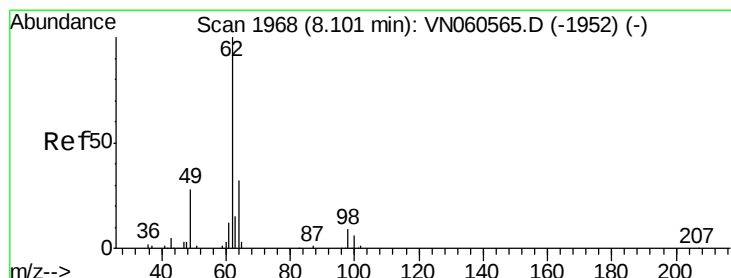
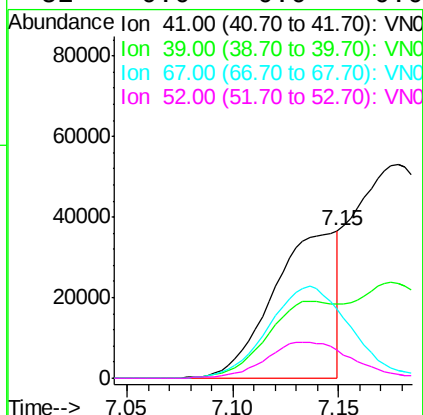
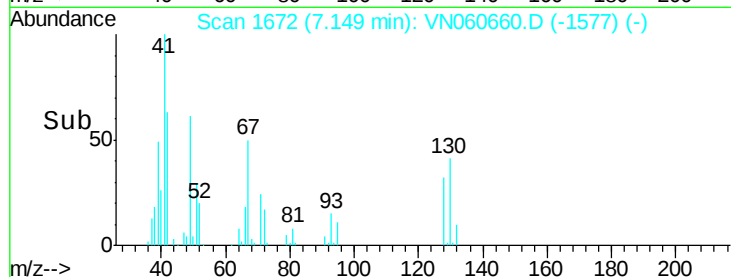
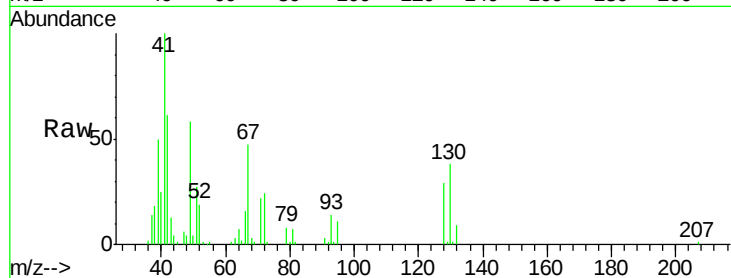
#41
Methacrylonitrile
Concen: 53.68 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.01 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

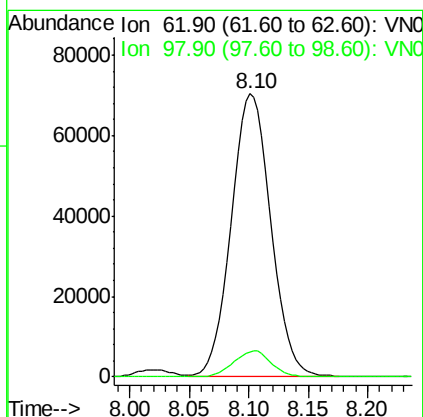
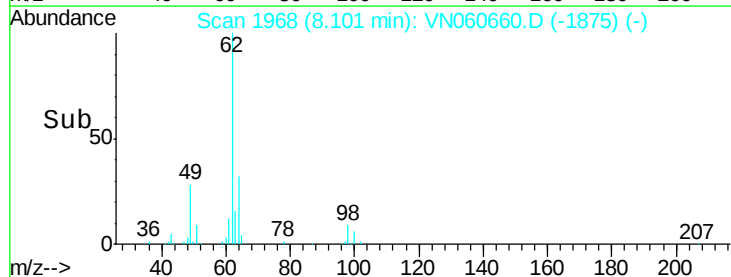
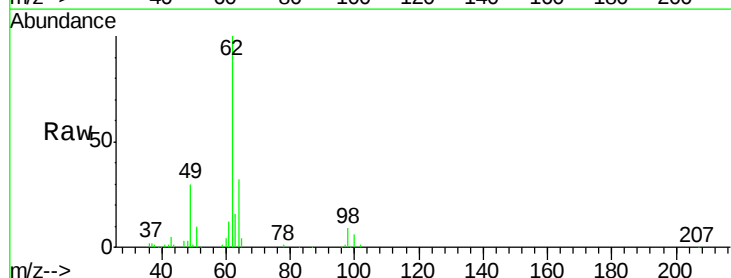
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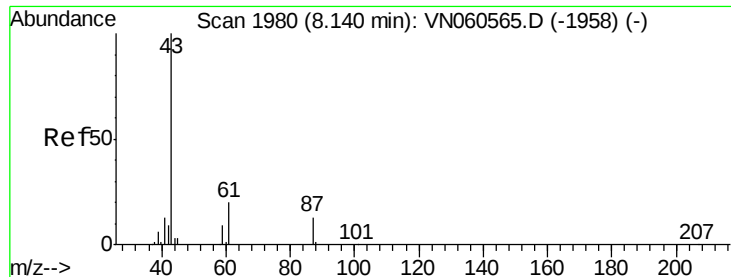
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#42
1,2-Dichloroethane
Concen: 50.33 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8





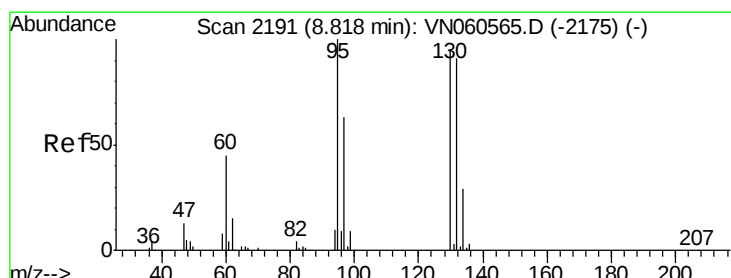
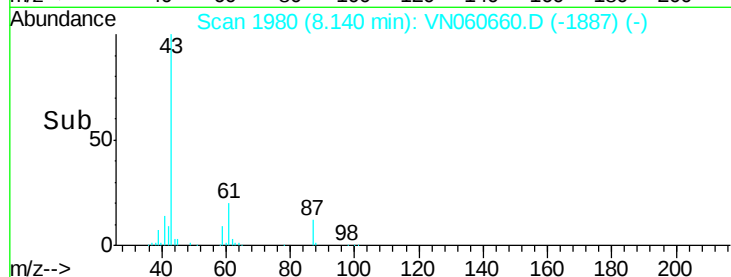
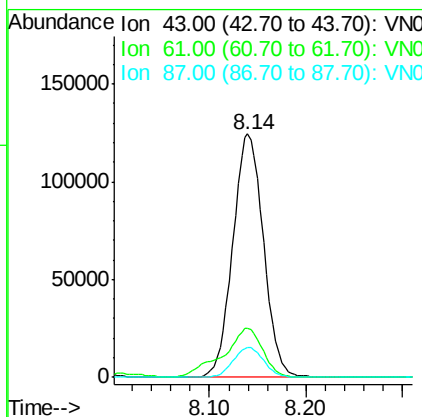
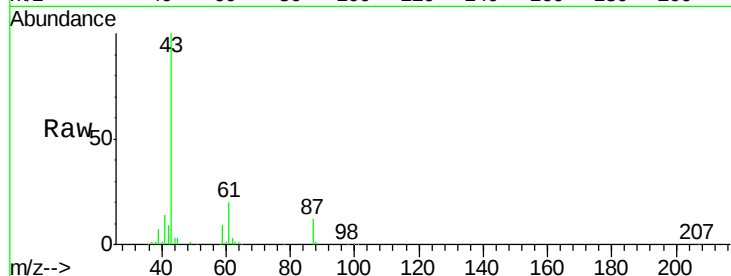
#43
Isopropyl Acetate
Concen: 49.41 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.0	20.7	31.1
87	12.2	9.8	14.8

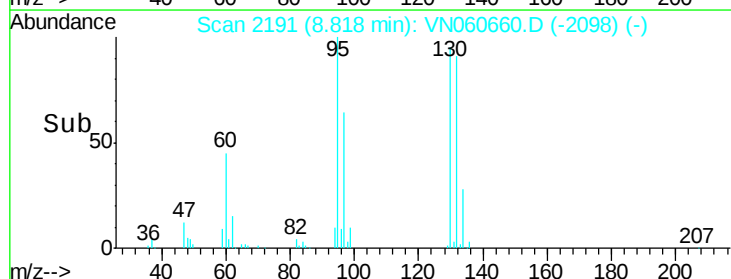
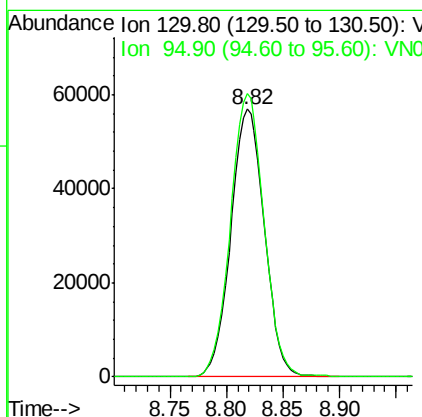
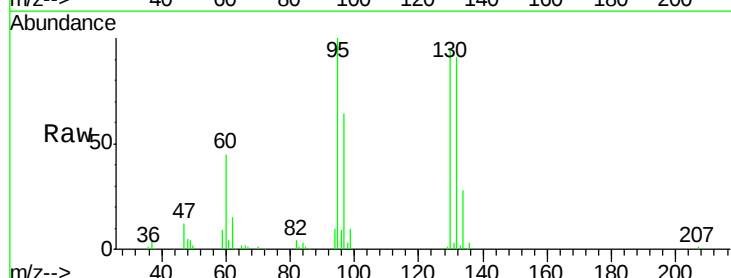
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#44
Trichloroethene
Concen: 49.60 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.7	0.0	211.2





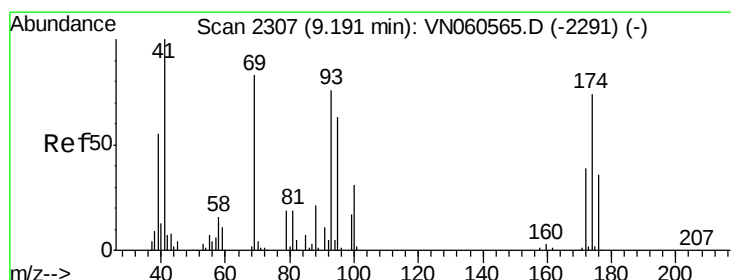
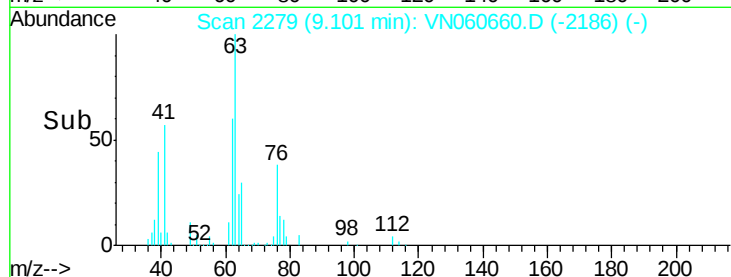
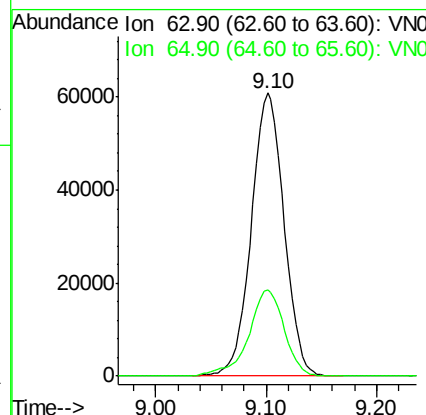
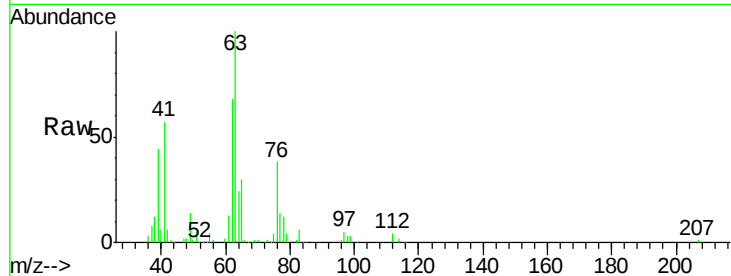
#45
 1,2-Dichloropropane
 Concen: 50.36 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 63 Resp: 124823
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.4 38.0

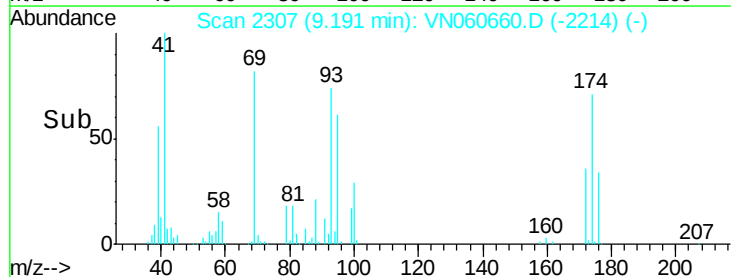
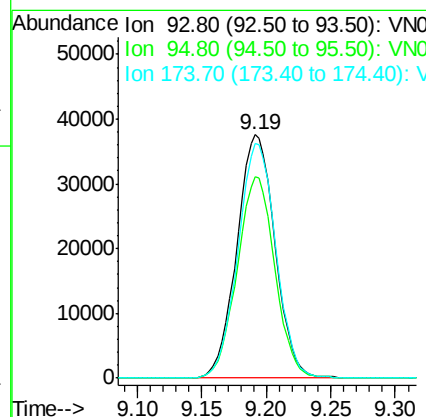
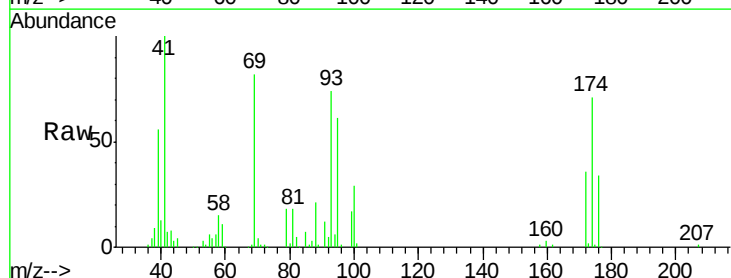
Manual Integrations
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#46
 Dibromomethane
 Concen: 51.41 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion: 93 Resp: 77041
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.2 99.4
 174 96.0 77.9 116.9





#47

Bromodichloromethane

Concen: 50.93 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

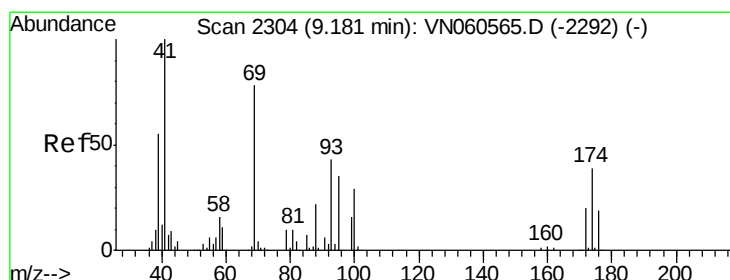
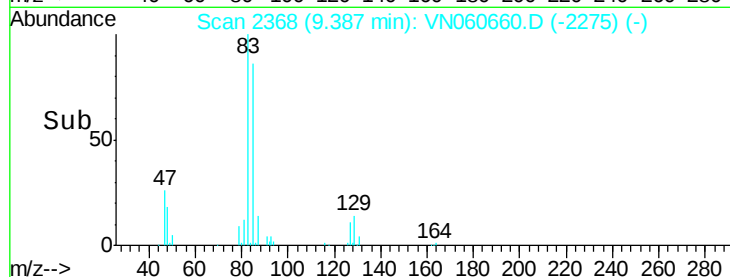
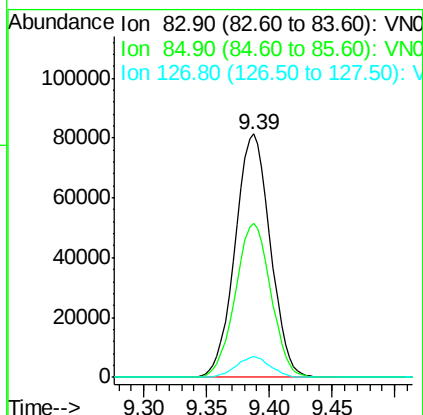
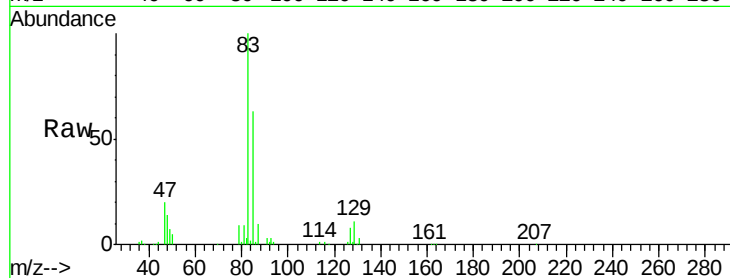
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	83	Resp:	158606
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.8	77.6
127	8.4	6.5	9.7

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#48

Methyl methacrylate

Concen: 50.40 ug/l

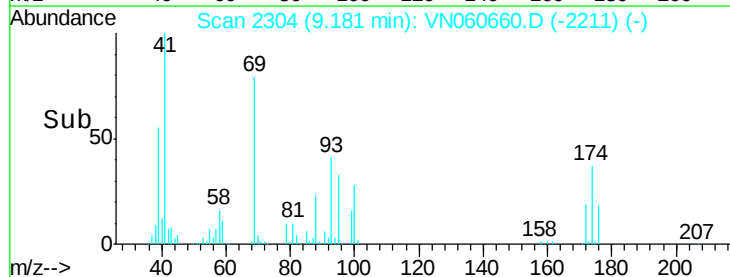
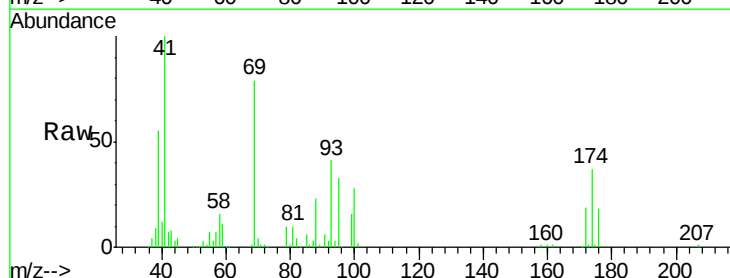
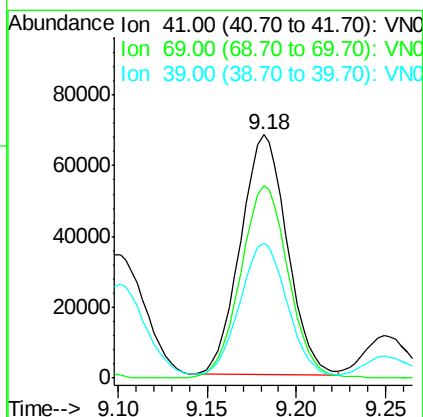
RT: 9.18 min Scan# 2304

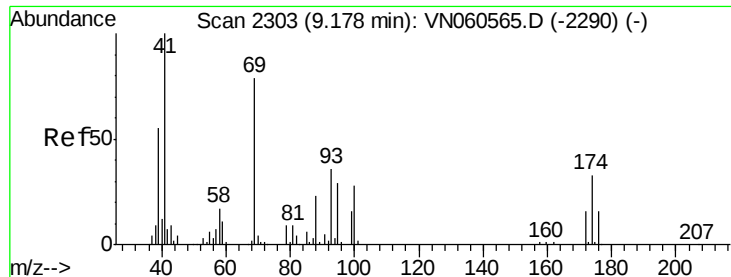
Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Tgt Ion:	41	Resp:	124442
Ion Ratio	Lower	Upper	
41	100		
69	81.7	65.4	98.0
39	55.0	44.0	66.0





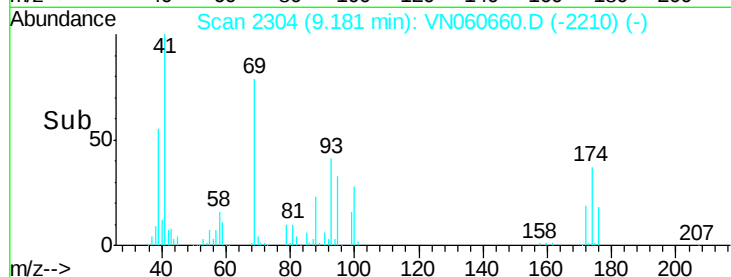
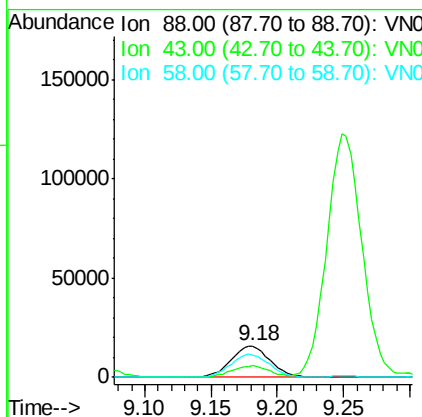
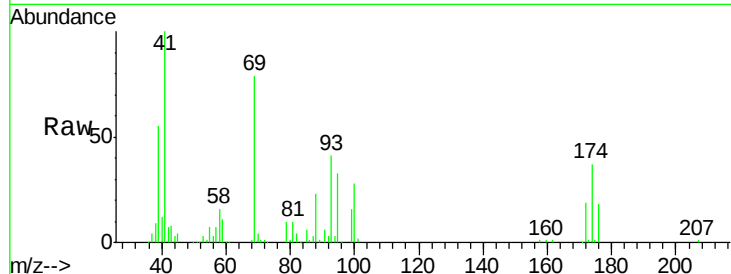
#49
1,4-Dioxane
Concen: 1096.31 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.0	30.8	46.2
58	73.3	59.8	89.8

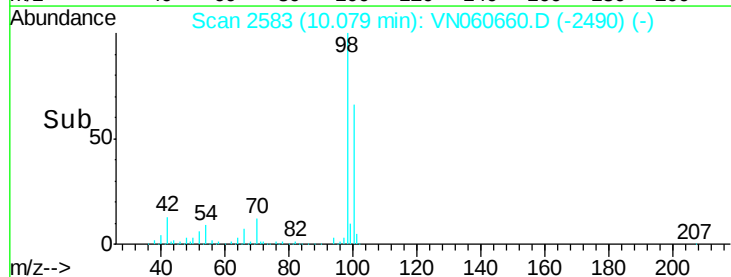
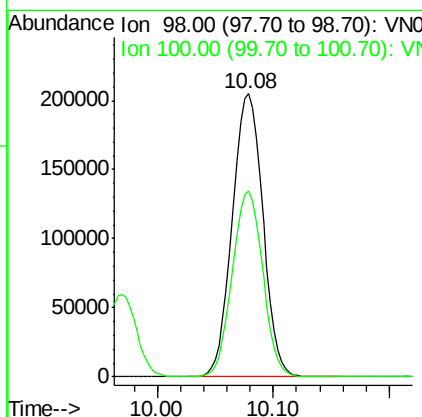
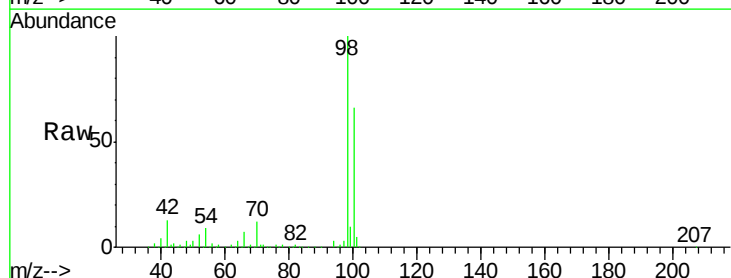
Manual Integrations
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#50
Toluene-d8
Concen: 47.14 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 254.79 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 803999

Ion Ratio Lower Upper

43 100

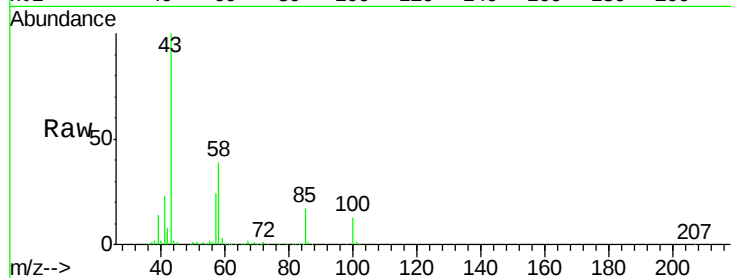
58 38.4 30.8 46.2

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Abundance Ion 43.00 (42.70 to 43.70): VN060660.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060660.D (-2456) (-)

9.97

400000

300000

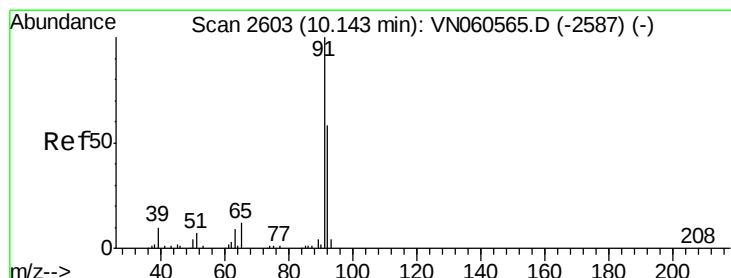
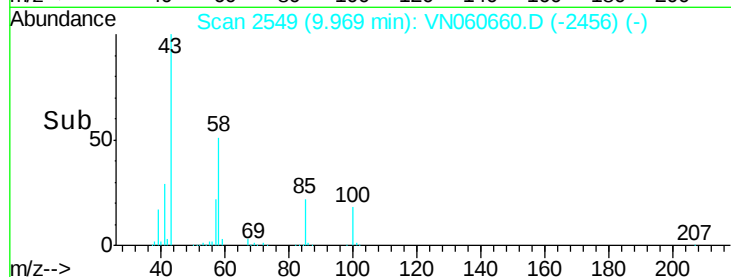
200000

100000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 49.86 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060660.D

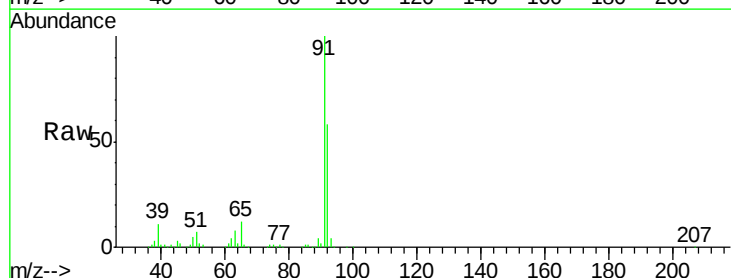
Acq: 20 Mar 2020 18:04

Tgt Ion: 92 Resp: 282848

Ion Ratio Lower Upper

92 100

91 171.1 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060660.D (-2510) (-)

Ion 91.00 (90.70 to 91.70): VN060660.D (-2510) (-)

10.14

300000

250000

200000

150000

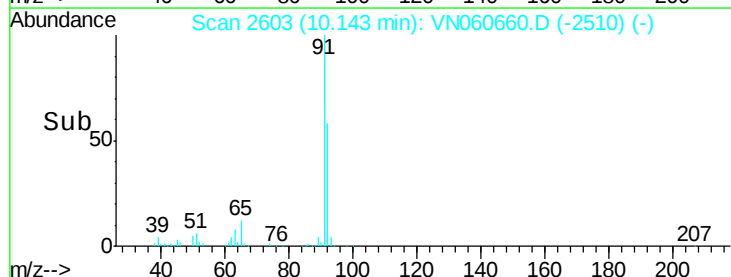
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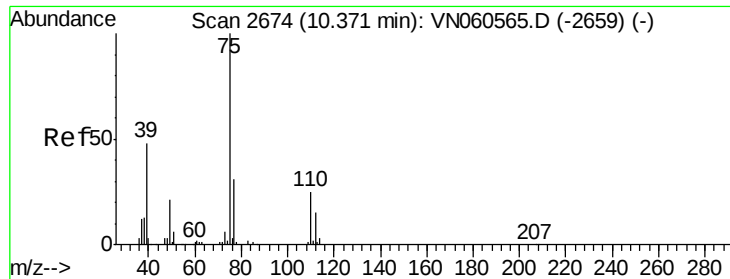
50000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.09 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 182769

Ion Ratio Lower Upper

75 100

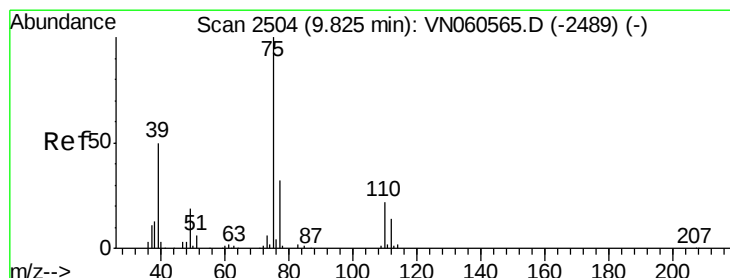
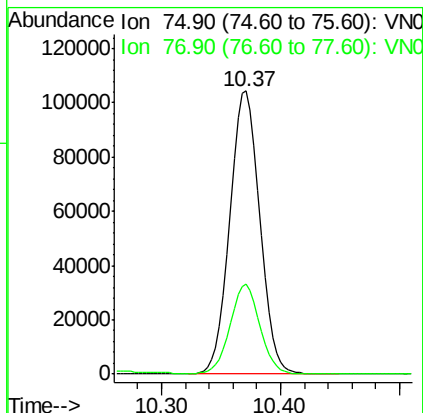
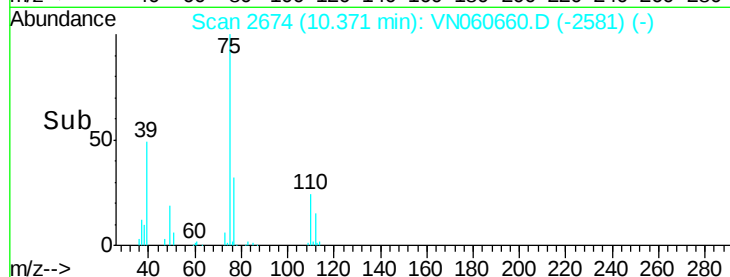
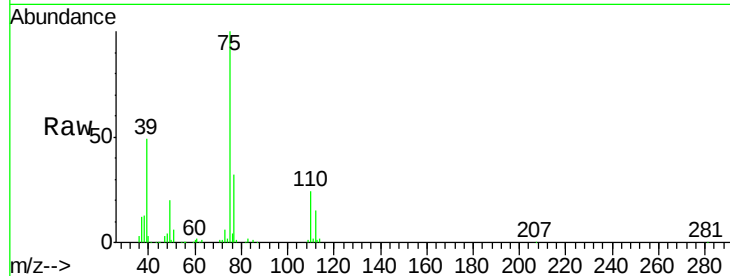
77 31.6 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.60 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

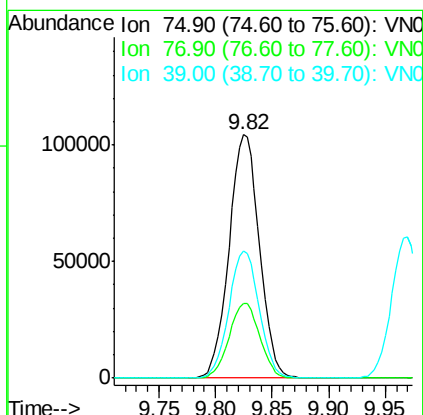
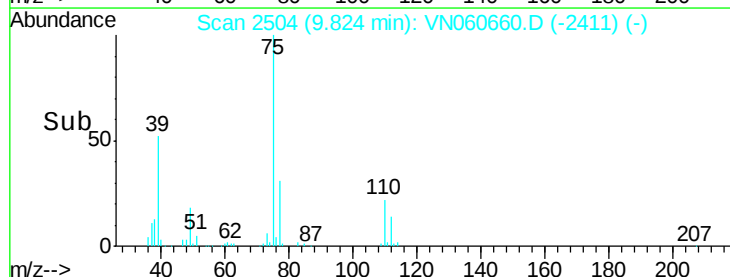
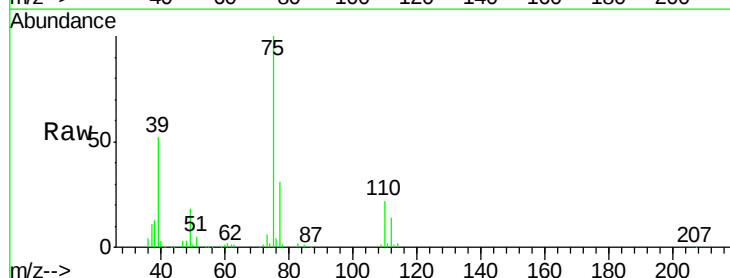
Tgt Ion: 75 Resp: 194653

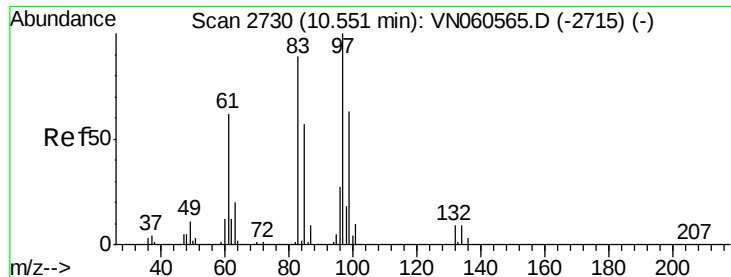
Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

39 52.2 40.2 60.4





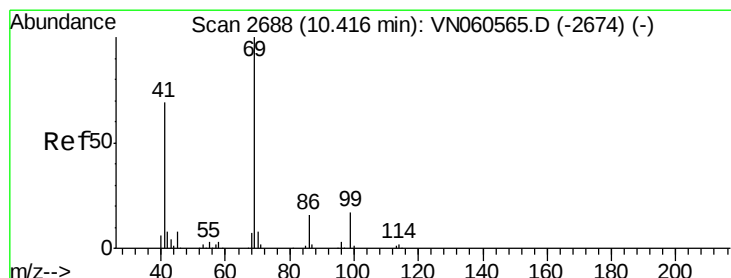
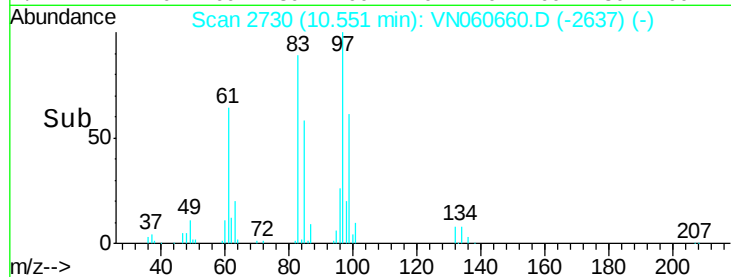
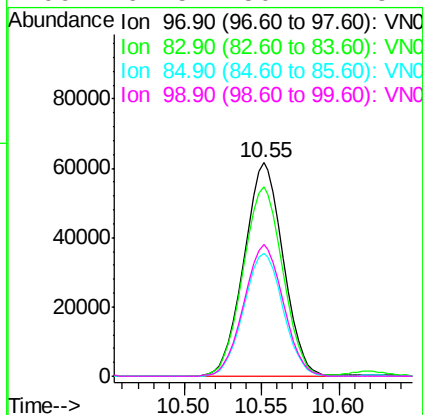
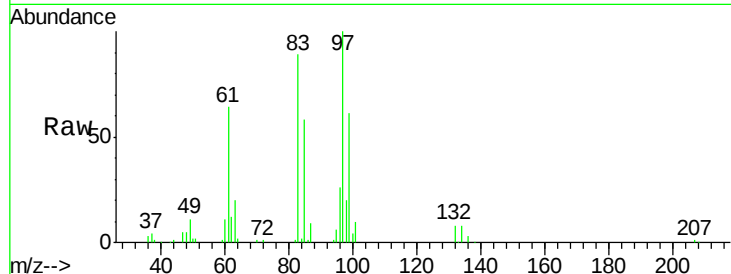
#55
 1,1,2-Trichloroethane
 Concen: 49.84 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.3	106.9
85	57.8	45.2	67.8
99	61.5	50.1	75.1

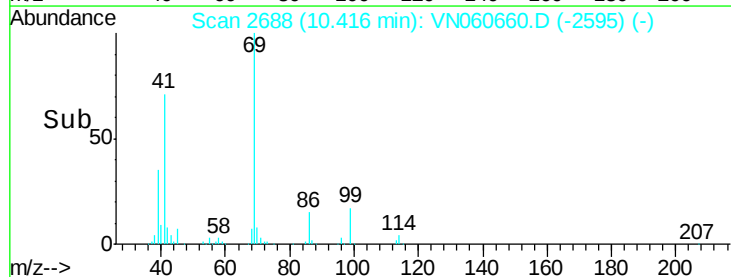
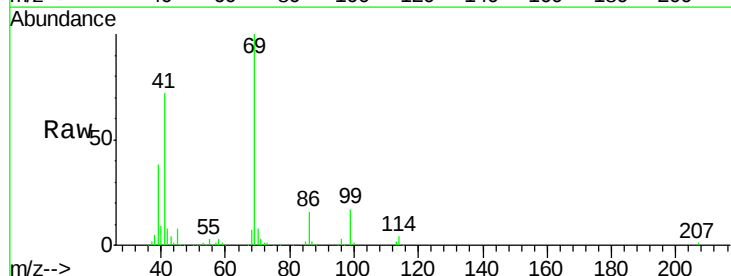
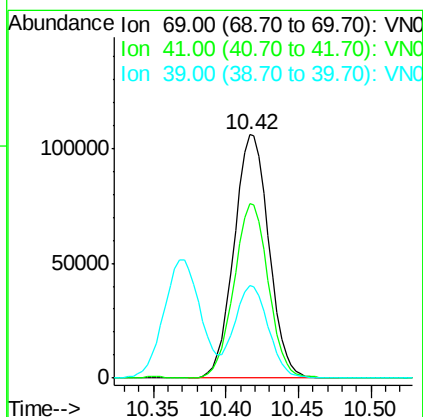
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#56
 Ethyl methacrylate
 Concen: 51.97 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.4	83.2
39	37.5	29.4	44.0





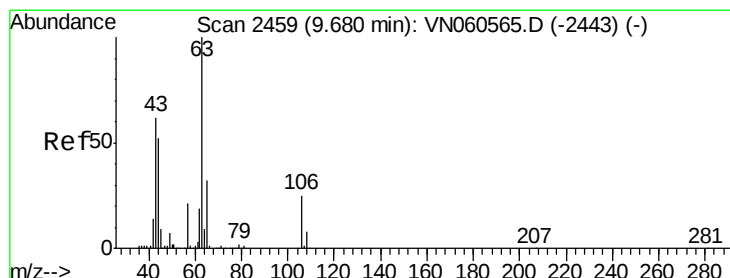
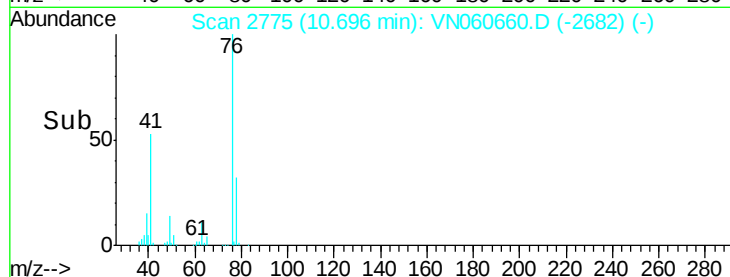
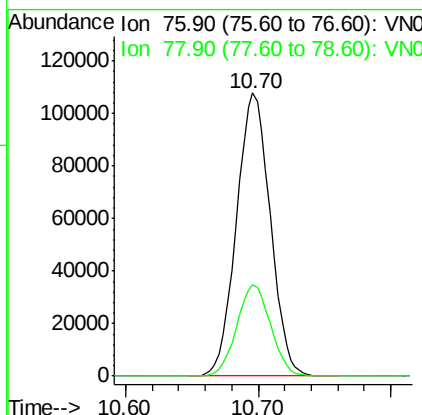
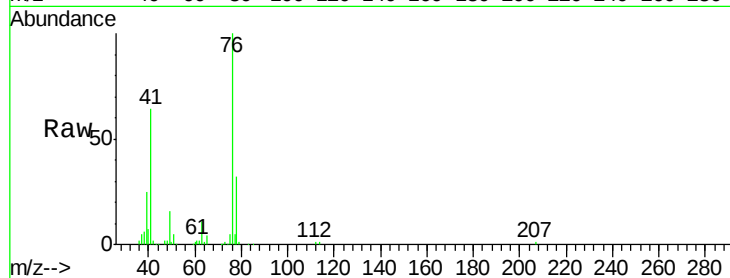
#57
 1,3-Dichloropropane
 Concen: 50.41 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.8	38.6

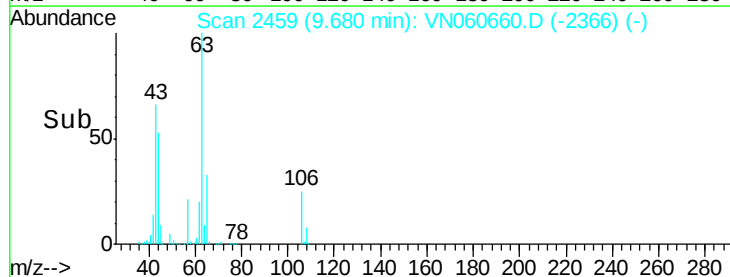
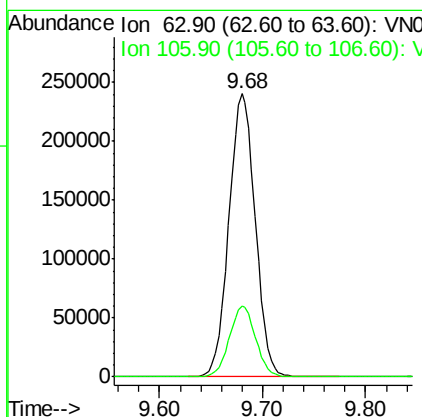
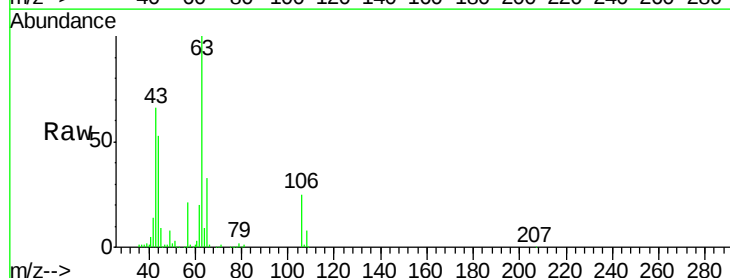
Manual Integrations
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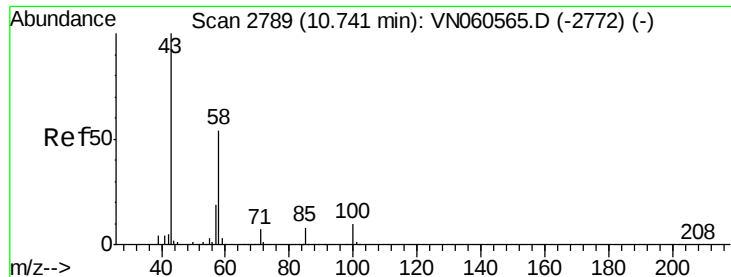
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#58
 2-Chloroethyl Vinyl ether
 Concen: 252.76 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.0	20.0	30.0





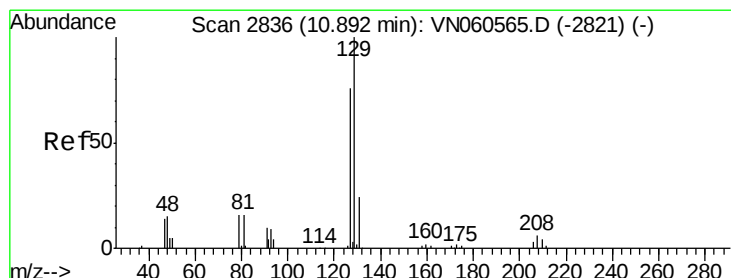
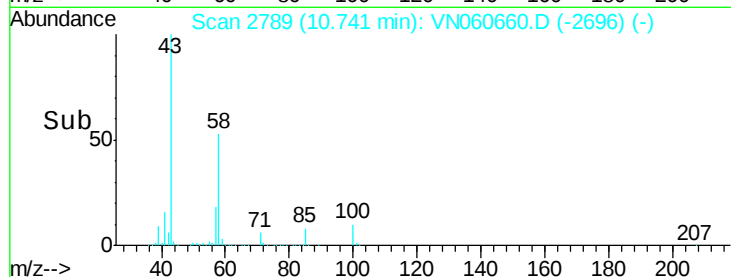
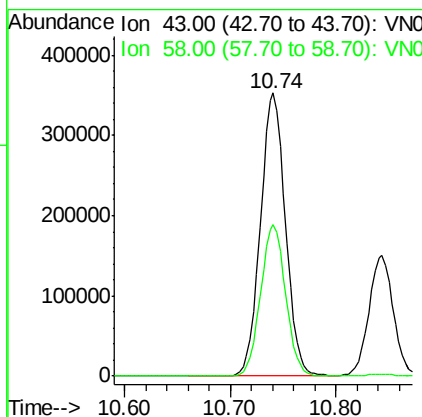
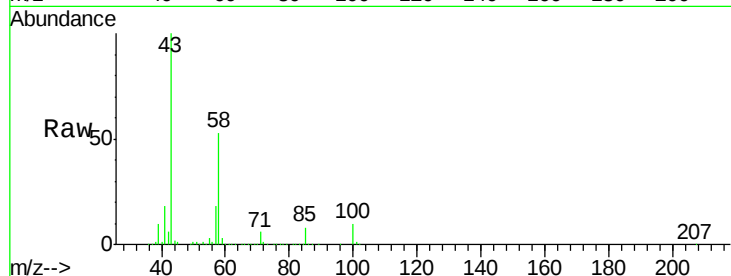
#59
2-Hexanone
Concen: 256.48 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 583013
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.1

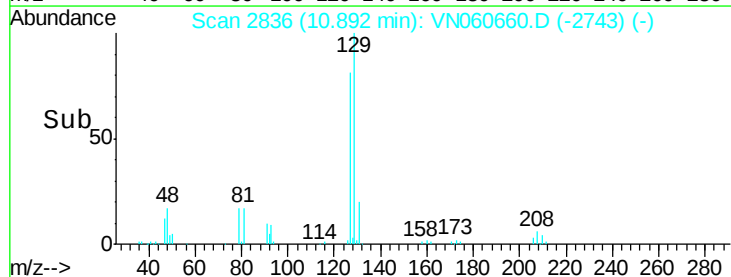
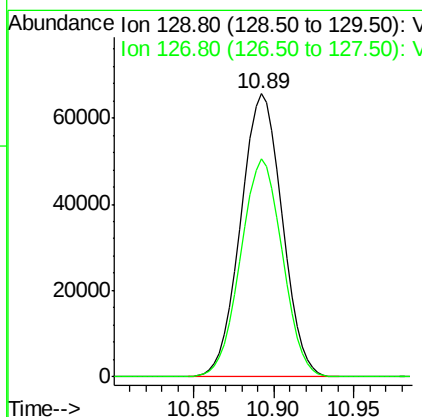
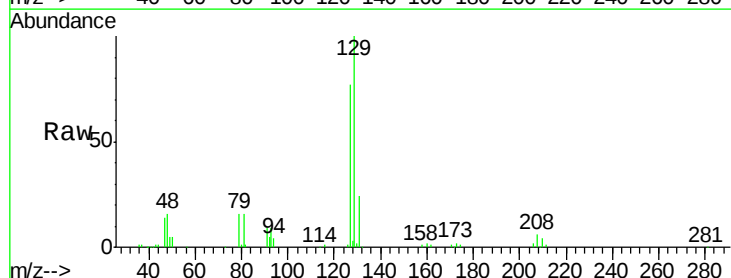
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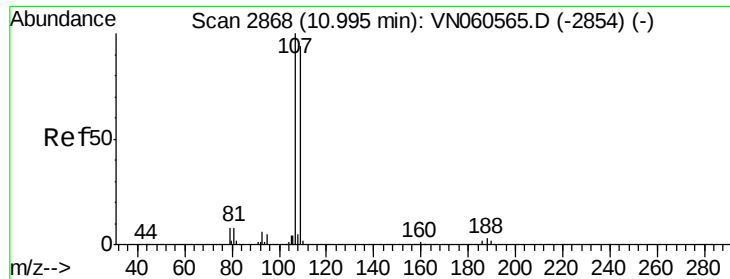
MMDadoda
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#60
Dibromochloromethane
Concen: 51.63 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion: 129 Resp: 116406
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





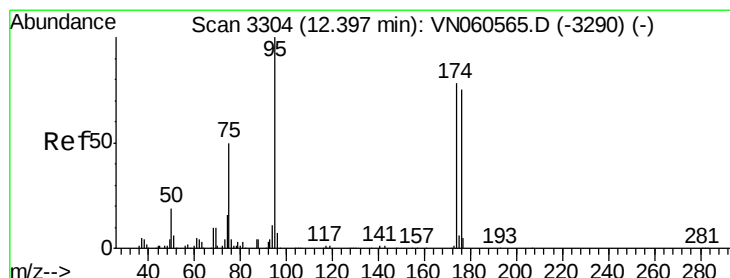
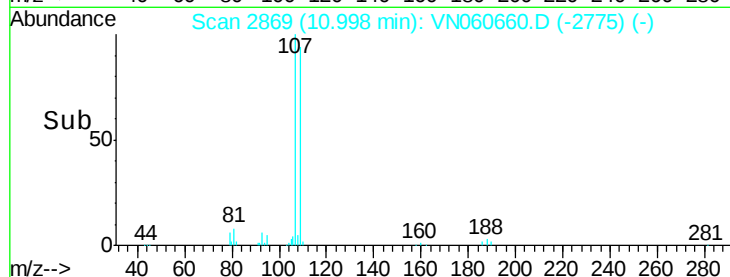
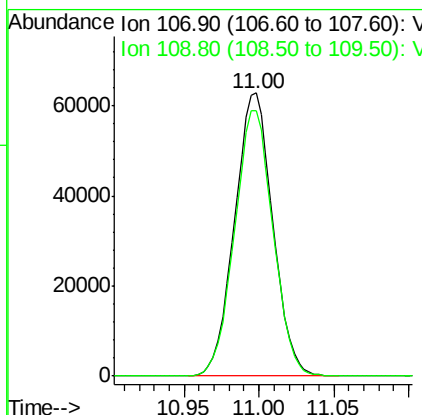
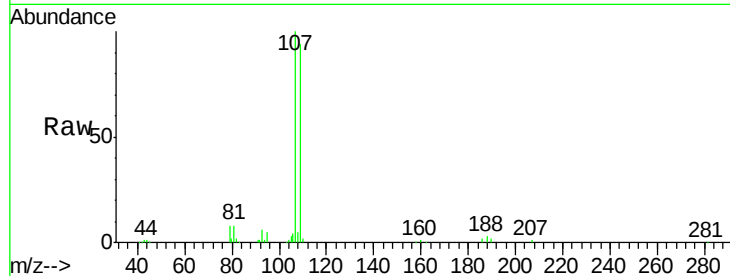
#61
1,2-Dibromoethane
Concen: 50.82 ug/l
RT: 11.00 min Scan# 2869
Delta R.T. 0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 107 Resp: 111530
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2

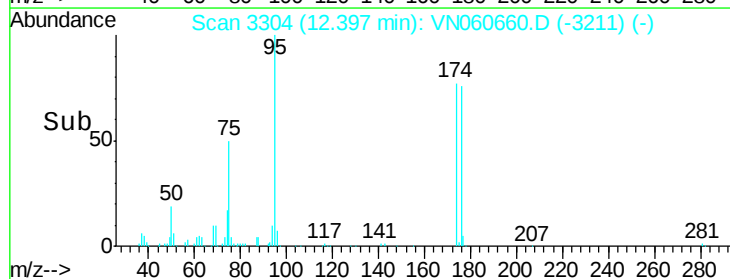
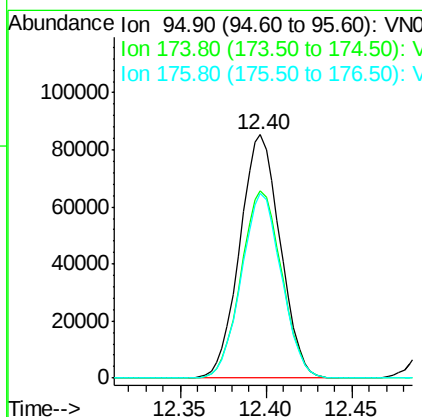
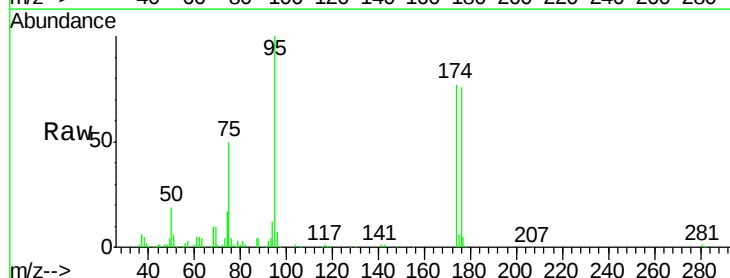
Manual Integrations
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#62
4-Bromofluorobenzene
Concen: 47.77 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion: 95 Resp: 138972
Ion Ratio Lower Upper
95 100
174 77.6 0.0 157.6
176 75.3 0.0 150.6





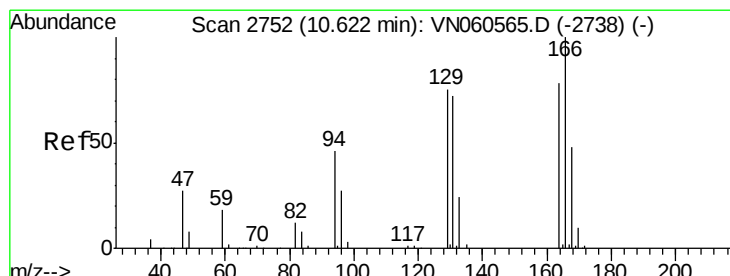
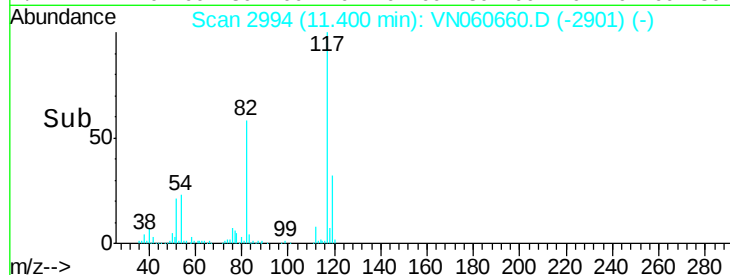
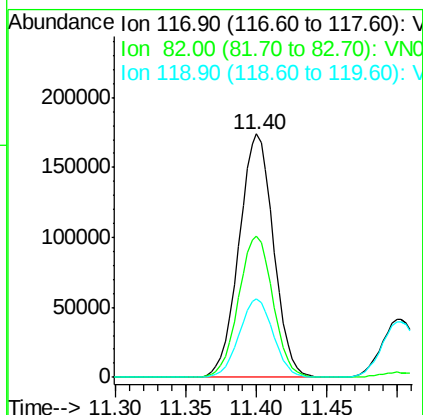
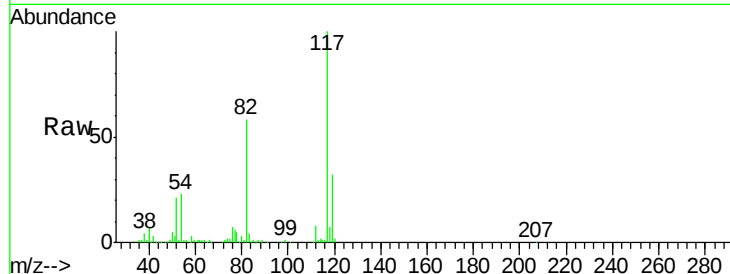
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.8	46.7	70.1
119	32.2	25.5	38.3

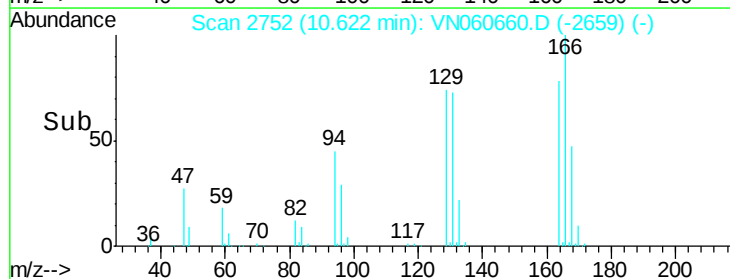
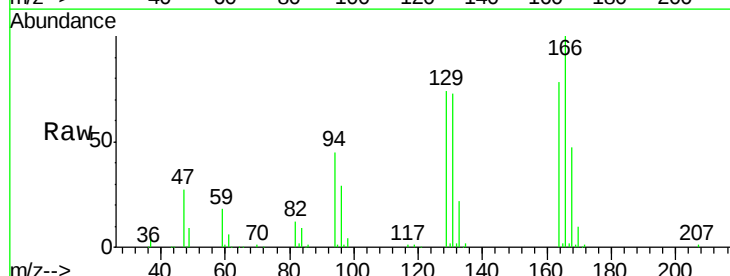
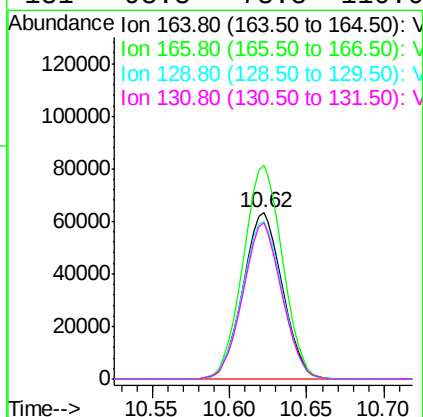
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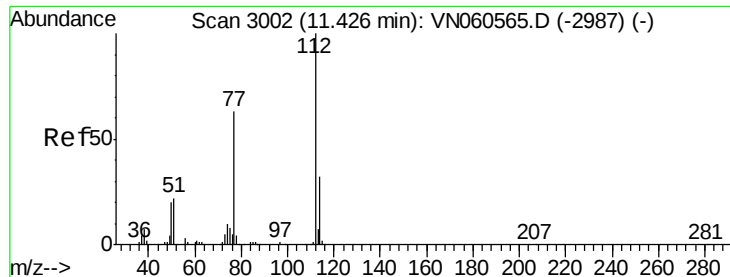
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#64
Tetrachloroethene
Concen: 47.89 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	102.7	154.1
129	94.7	77.2	115.8
131	93.8	73.8	110.6





#65

Chlorobenzene

Concen: 48.91 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 288979

Ion Ratio Lower Upper

112 100

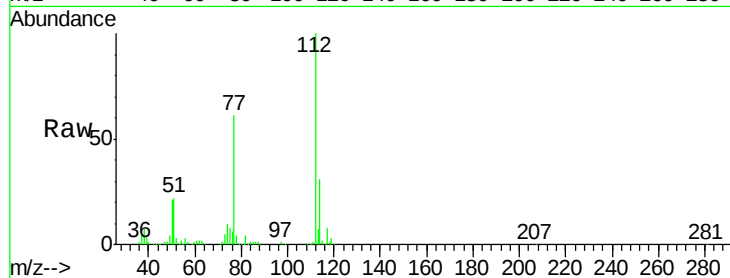
114 31.5 25.8 38.6

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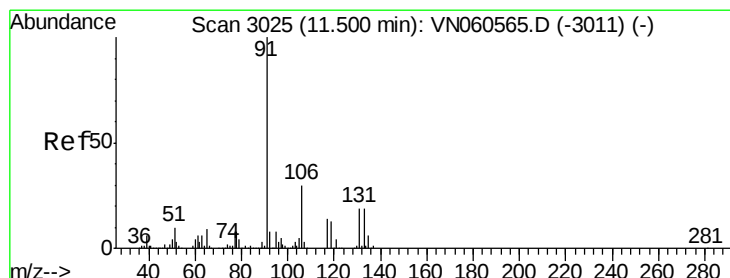
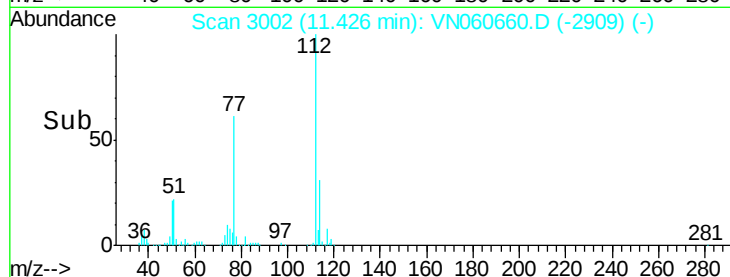
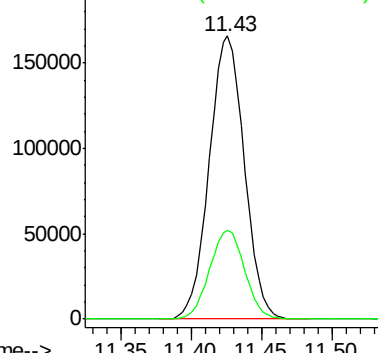
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.69 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

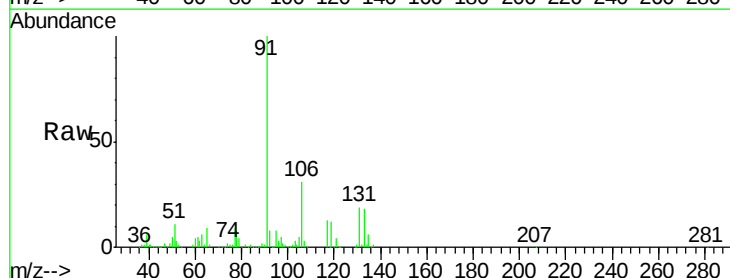
Tgt Ion:131 Resp: 106307

Ion Ratio Lower Upper

131 100

133 95.8 48.9 146.8

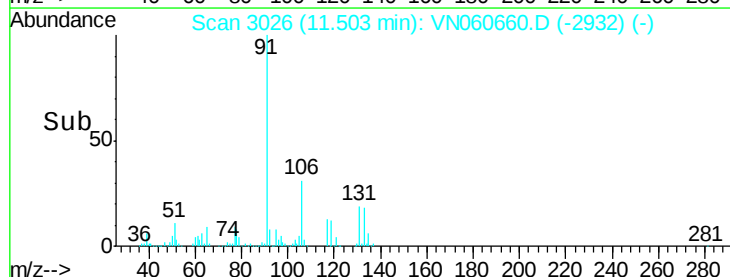
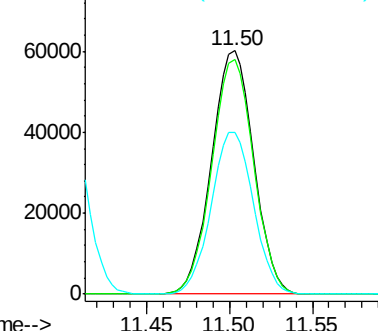
119 66.5 33.9 101.7



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





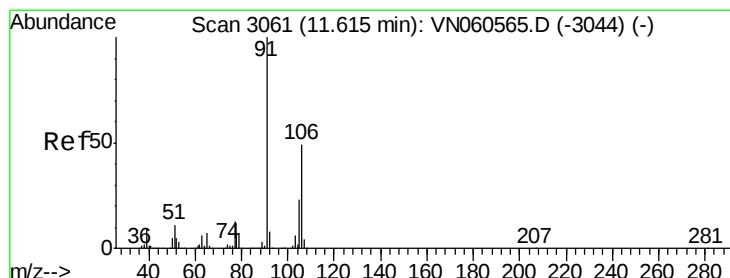
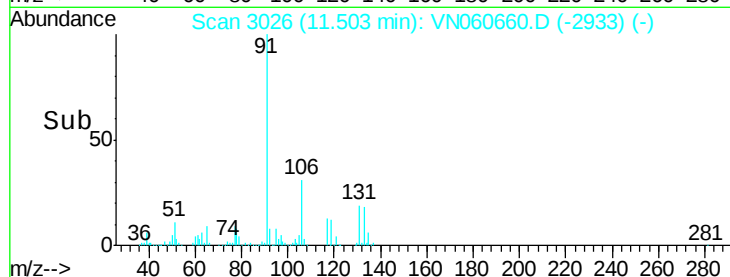
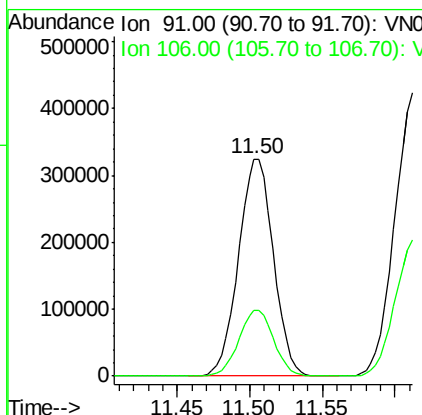
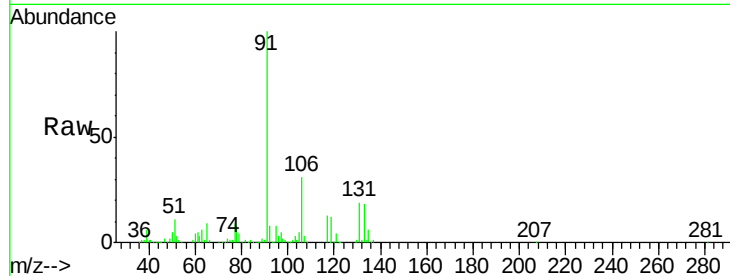
#67
Ethyl Benzene
Concen: 49.48 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 543755
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.2

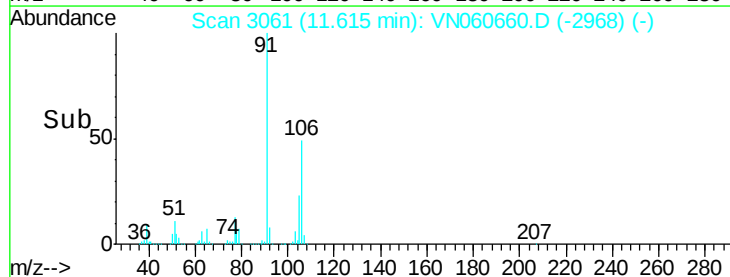
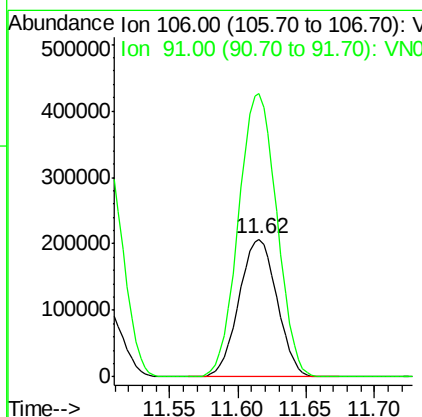
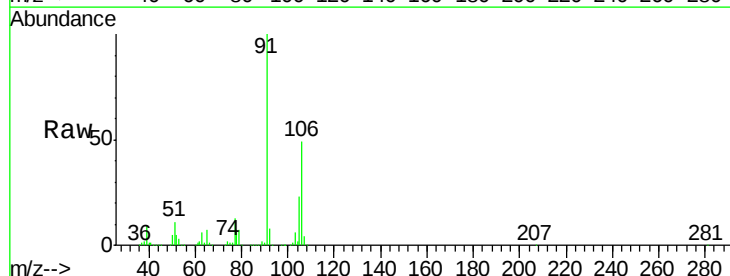
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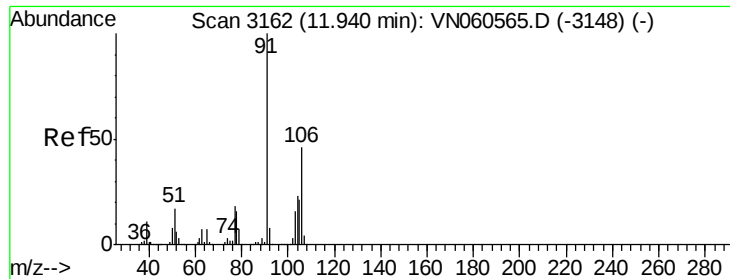
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#68
m/p-Xylenes
Concen: 98.17 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion: 106 Resp: 400868
Ion Ratio Lower Upper
106 100
91 207.2 165.0 247.4





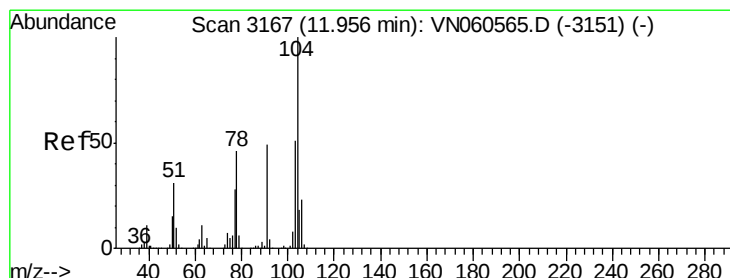
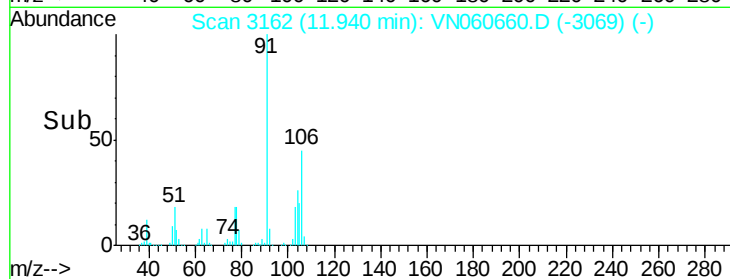
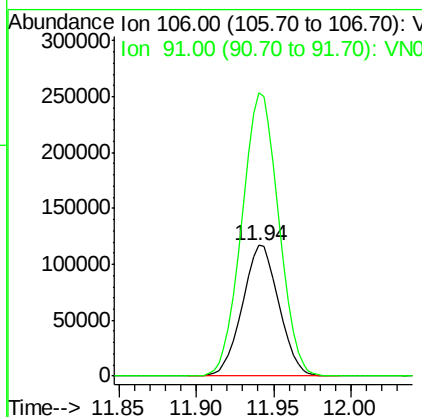
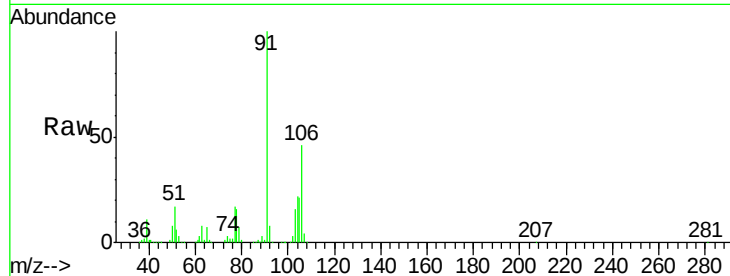
#69
o-Xylene
Concen: 49.46 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 192796
Ion Ratio Lower Upper
106 100
91 217.8 109.5 328.4

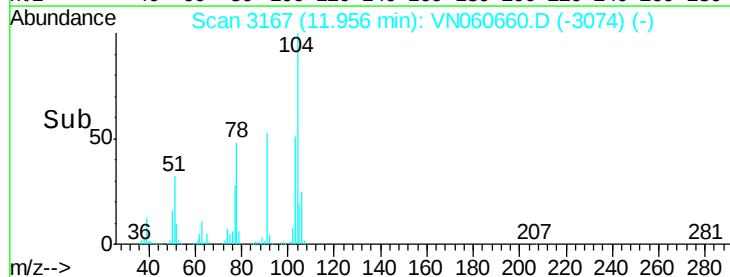
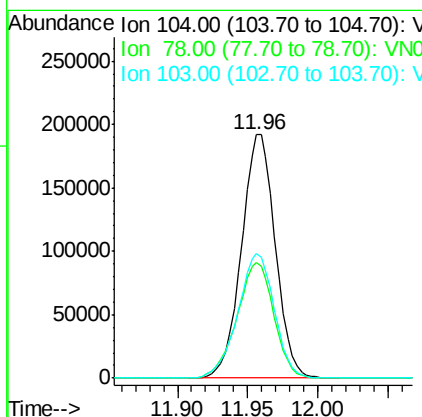
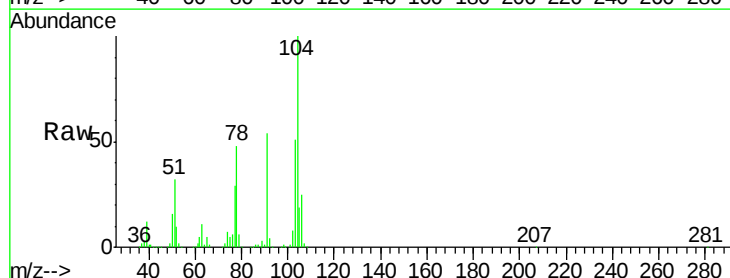
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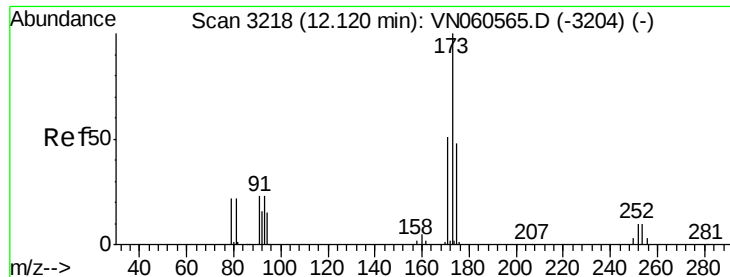
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#70
Styrene
Concen: 50.57 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion:104 Resp: 322405
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 55.1 44.0 66.0





#71

Bromoform

Concen: 47.39 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:173 Resp: 84102

Ion Ratio Lower Upper

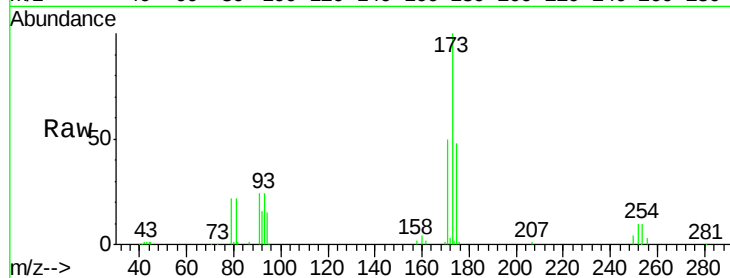
173 100

175 48.5 24.1 72.4

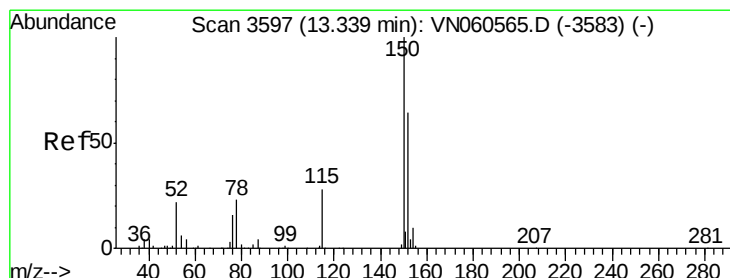
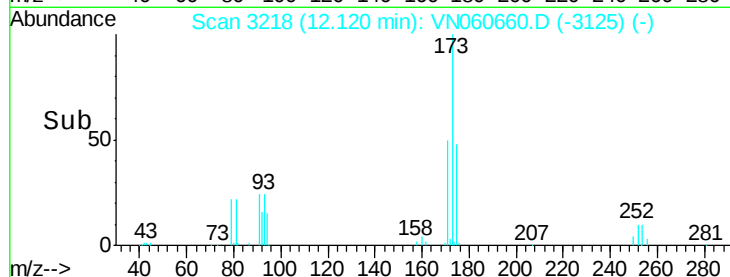
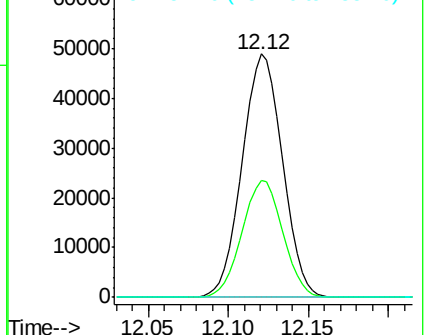
254 0.0 0.0 0.0

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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: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

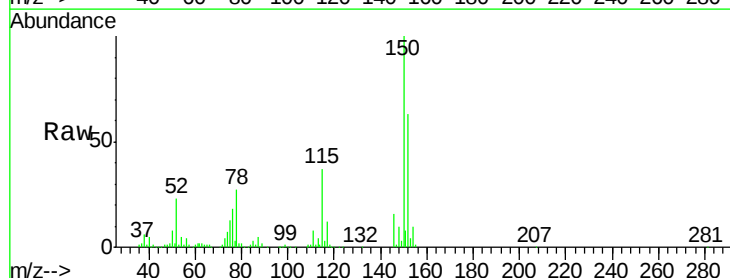
Tgt Ion:152 Resp: 146365

Ion Ratio Lower Upper

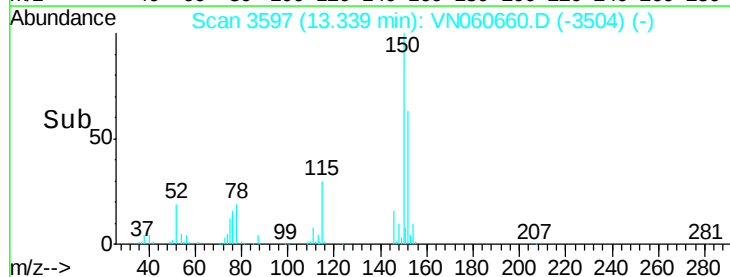
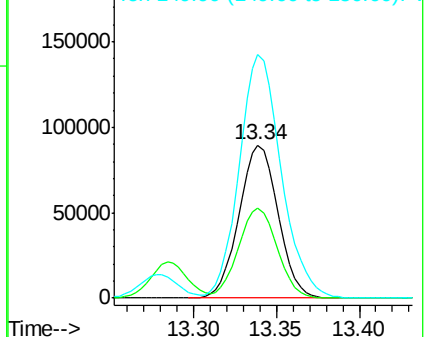
152 100

115 58.7 30.2 90.6

150 171.6 0.0 350.2



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: 46.78 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 105 Resp: 513802

Ion Ratio Lower Upper

105 100

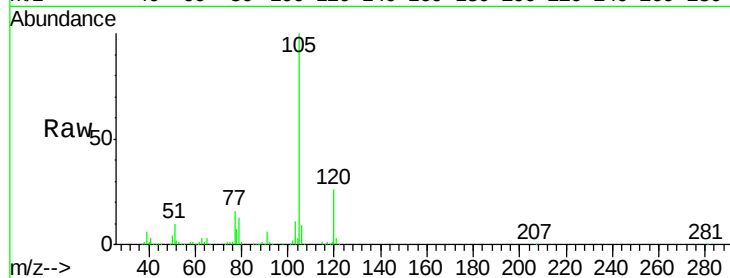
120 25.7 13.1 39.1

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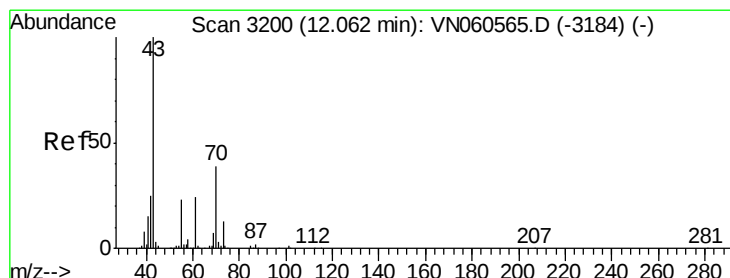
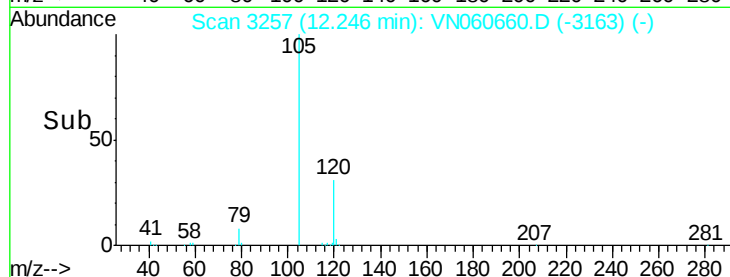
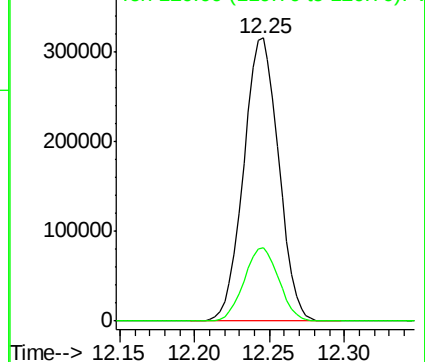
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.28 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Tgt Ion: 43 Resp: 245073

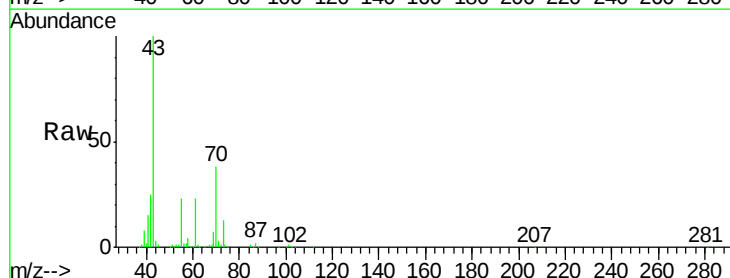
Ion Ratio Lower Upper

43 100

70 39.1 31.1 46.7

55 23.3 18.6 27.8

61 23.0 18.9 28.3

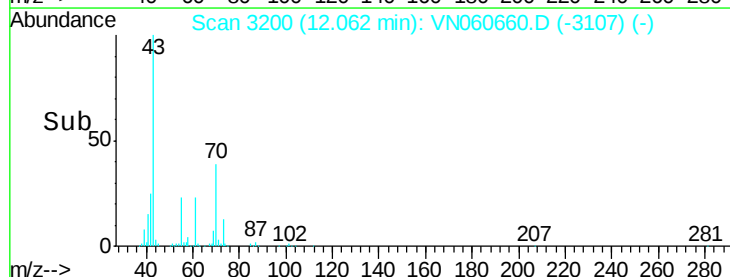
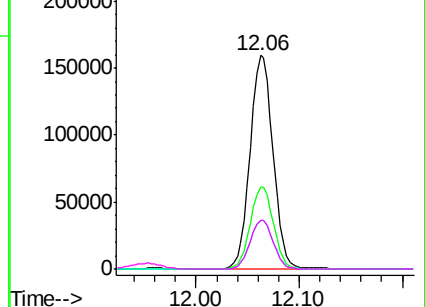


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 48.12 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 159826
Ion Ratio Lower Upper

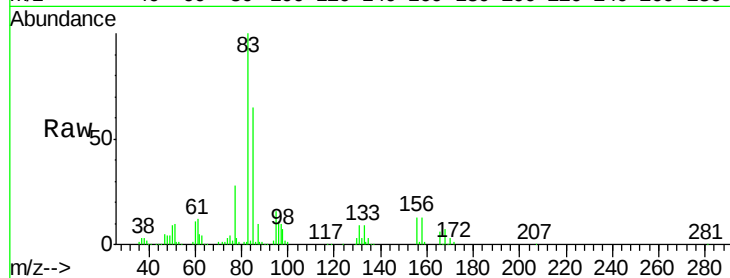
83 100

131 9.4 4.9 14.7

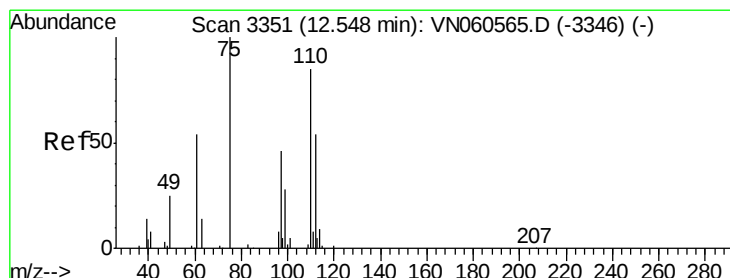
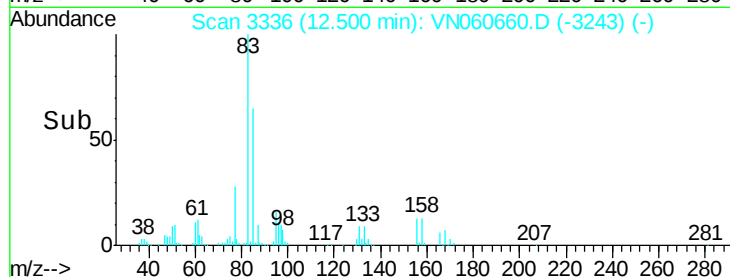
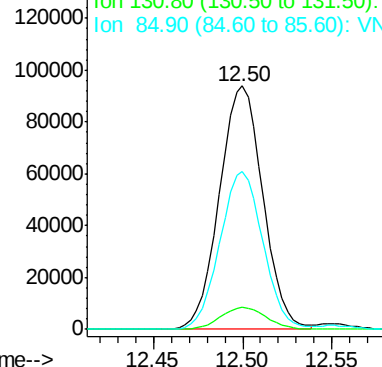
85 64.2 32.5 97.4

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Abundance Ion 82.90 (82.60 to 83.60): VN060660.D (-3243) (-)
Ion 130.80 (130.50 to 131.50): VN060660.D (-3243) (-)
Ion 84.90 (84.60 to 85.60): VN060660.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 50.15 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

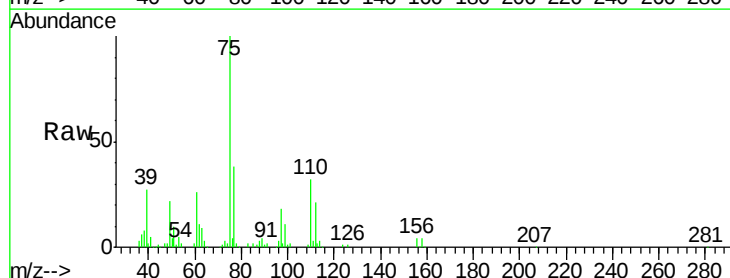
Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

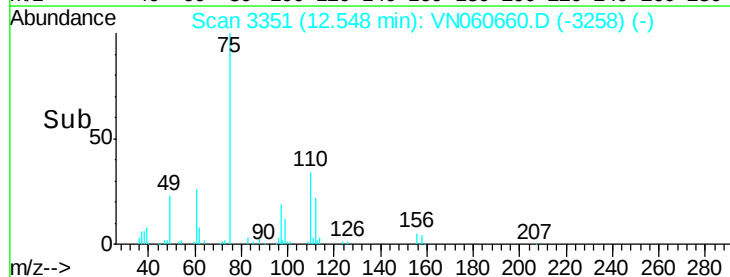
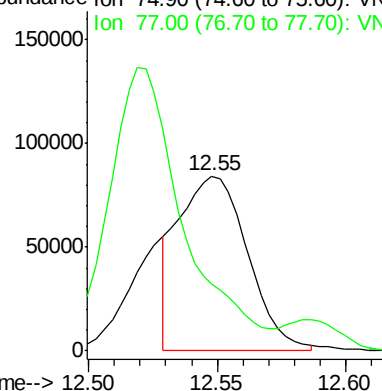
Tgt Ion: 75 Resp: 158395
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060660.D (-3258) (-)
Ion 77.00 (76.70 to 77.70): VN060660.D (-3258) (-)





#77

Bromobenzene

Concen: 46.75 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

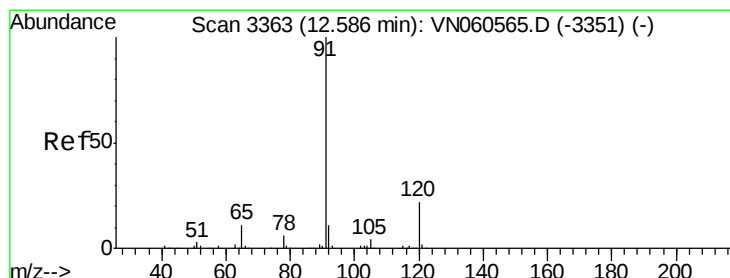
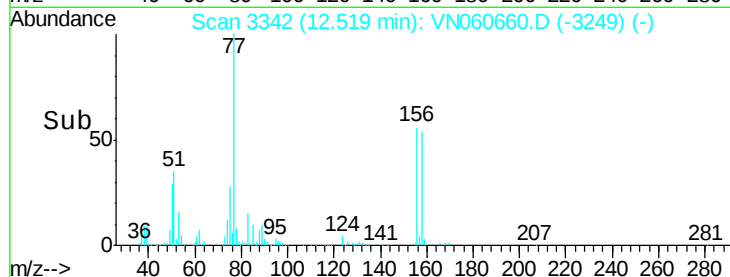
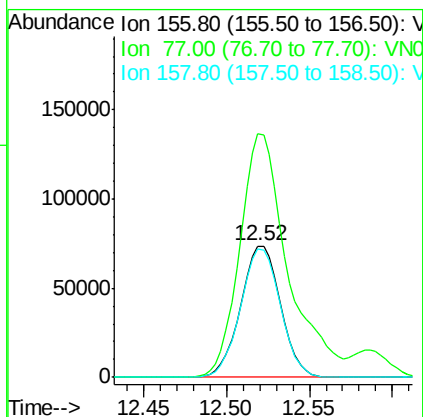
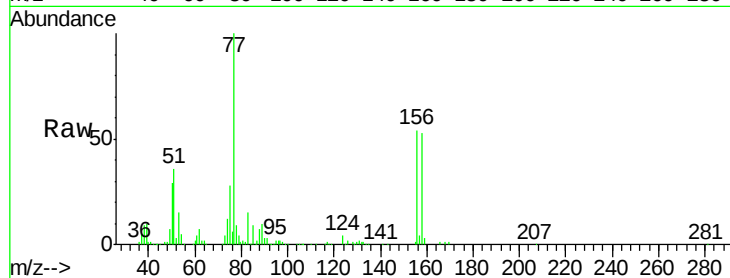
ClientSampleId :

VSTDCCC050EC

Tgt Ion:	156	Resp:	123737
Ion Ratio	Lower	Upper	
156	100		
77	222.6	112.3	337.0
158	97.7	48.6	145.8

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#78

n-propylbenzene

Concen: 47.15 ug/l

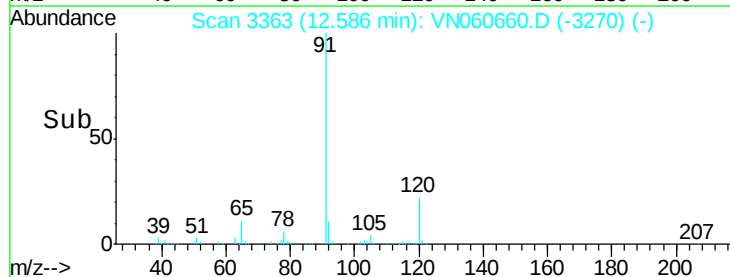
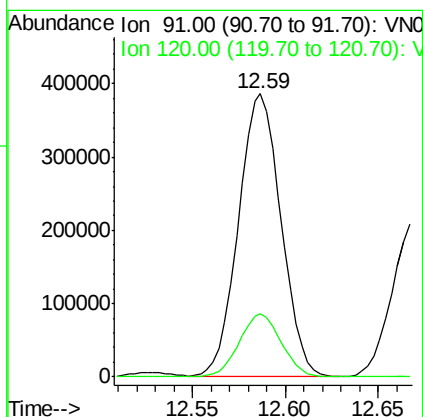
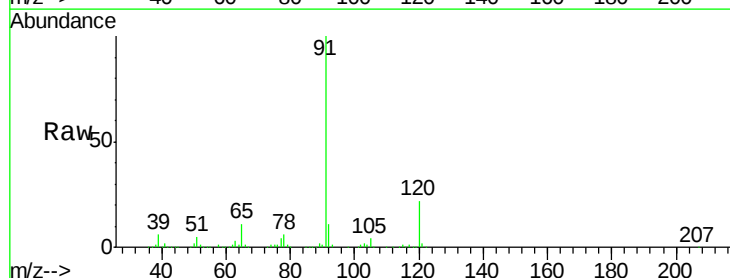
RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Tgt Ion:	91	Resp:	611865
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.3	33.8





#79

2-Chlorotoluene

Concen: 46.17 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060660.D

Acq: 20 Mar 2020 18:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 358005

Ion Ratio Lower Upper

91 100

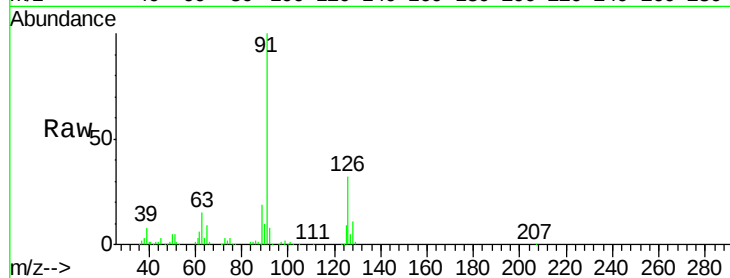
126 32.2 16.4 49.1

Manual Integrations

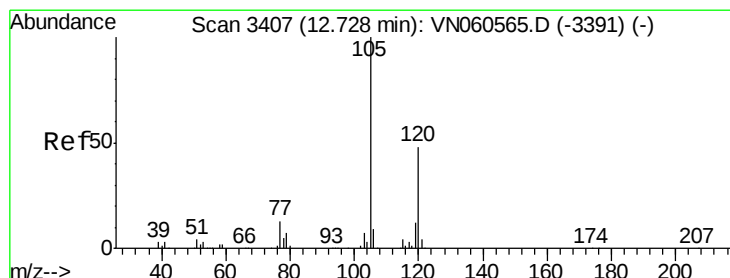
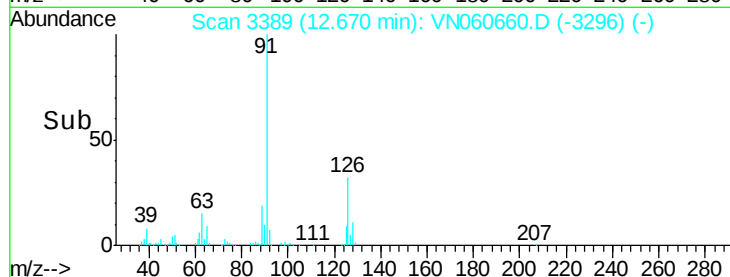
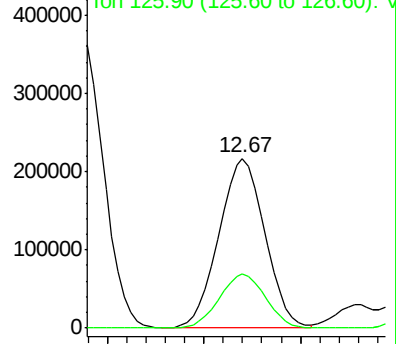
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Abundance Ion 91.00 (90.70 to 91.70): VN060660.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.89 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060660.D

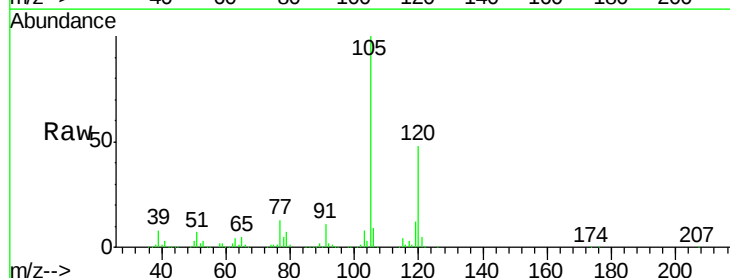
Acq: 20 Mar 2020 18:04

Tgt Ion: 105 Resp: 437084

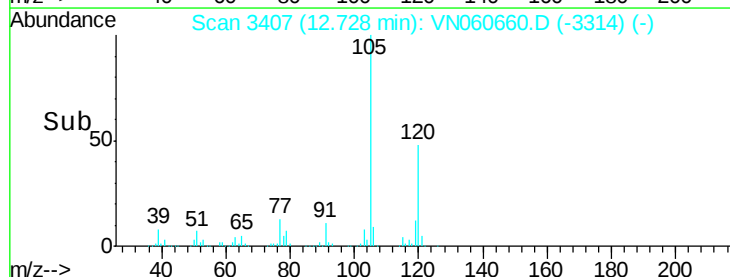
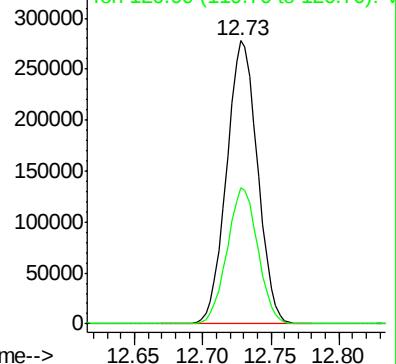
Ion Ratio Lower Upper

105 100

120 47.8 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060660.D (-3391) (-)





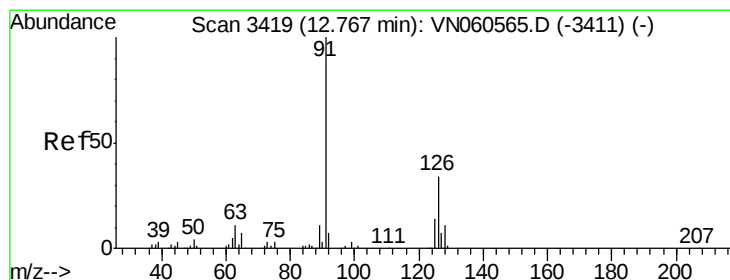
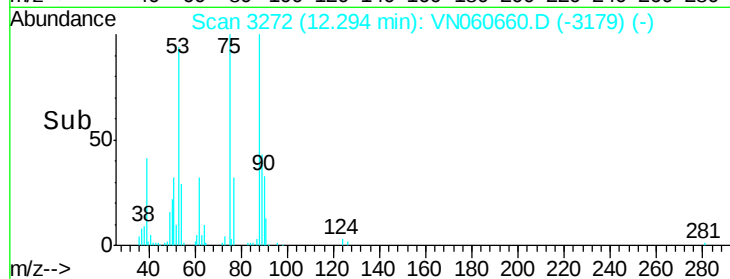
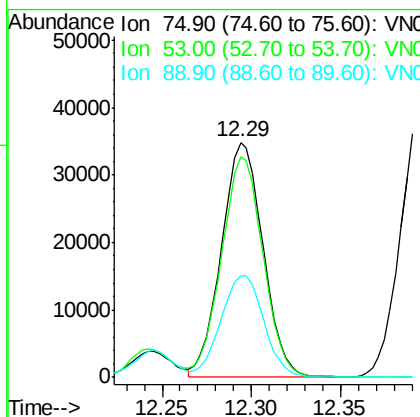
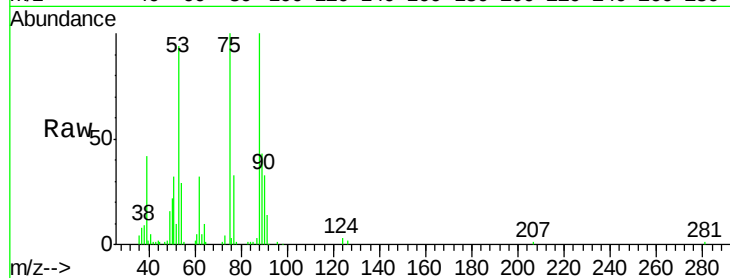
#81
trans-1,4-Dichloro-2-butene
Concen: 45.89 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
75	100		
53	94.3	73.0	109.4
89	44.7	34.8	52.2

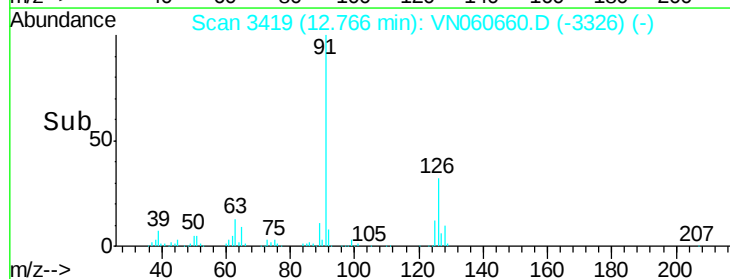
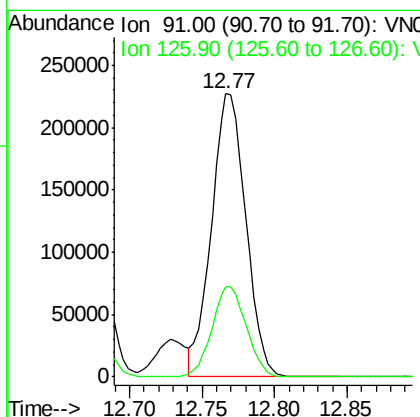
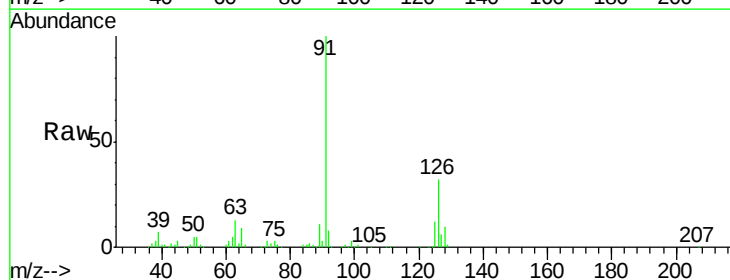
Manual Integrations
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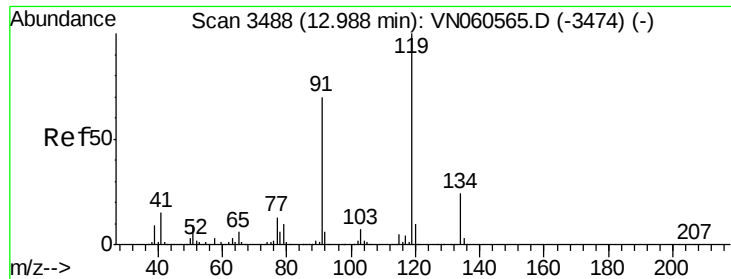
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#82
4-Chlorotoluene
Concen: 47.38 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.9	16.2	48.5





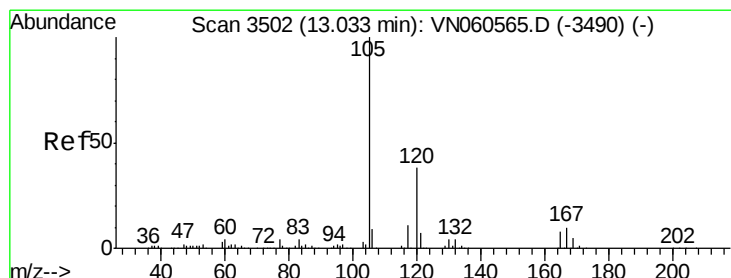
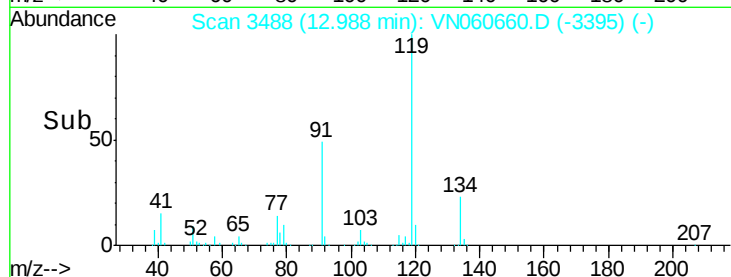
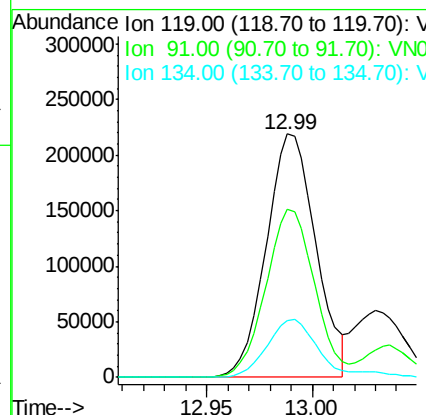
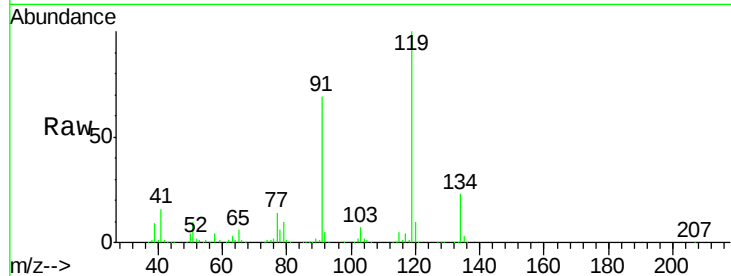
#83
 tert-Butylbenzene
 Concen: 46.33 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.9	34.0	101.8
134	25.4	12.7	38.0

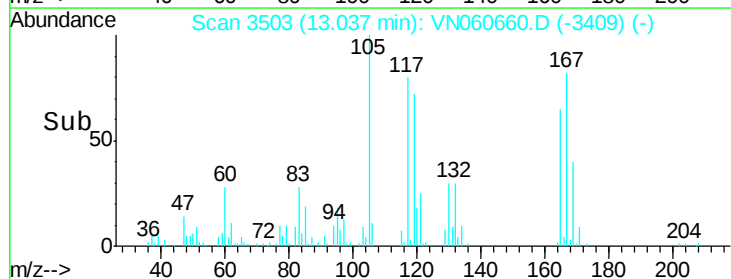
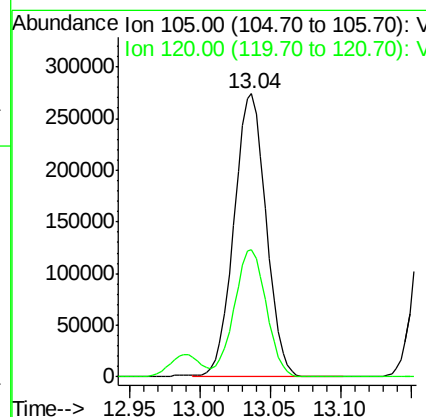
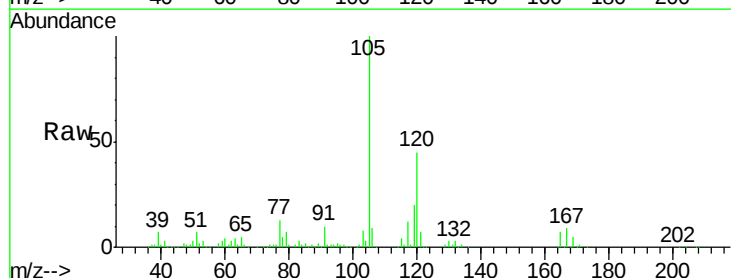
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.35 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.1	66.5





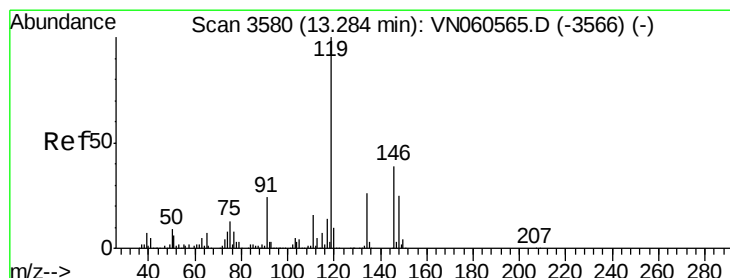
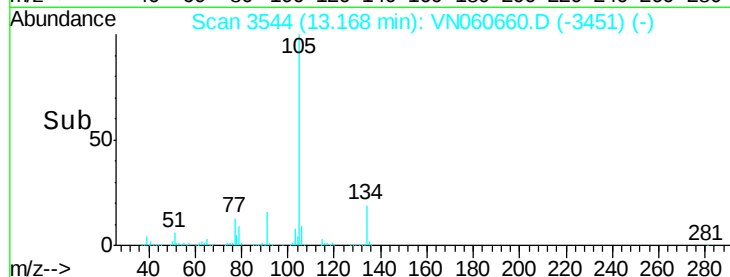
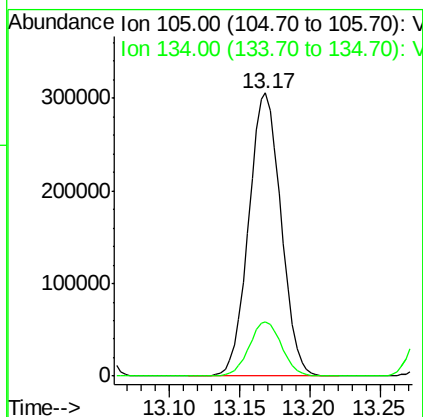
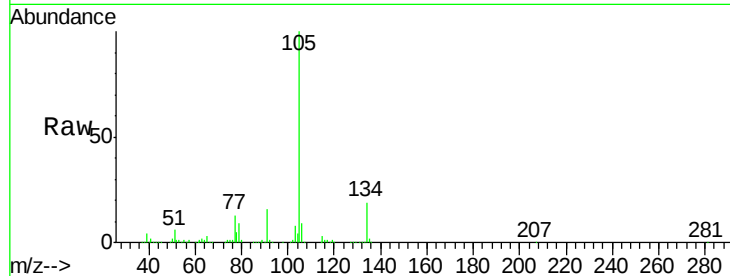
#85
 sec-Butylbenzene
 Concen: 47.24 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
105	100		
134	19.2	9.6	28.8

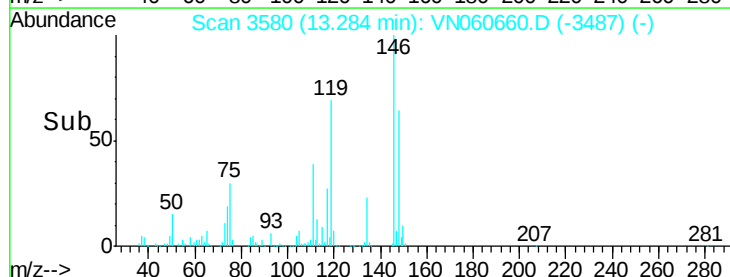
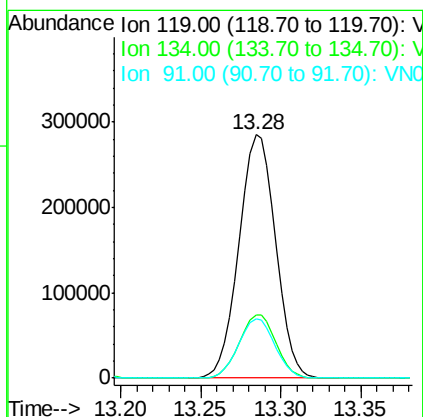
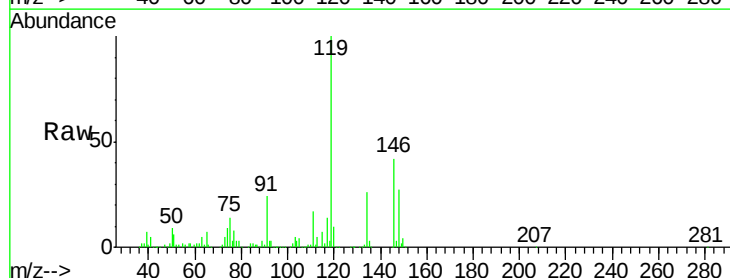
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 47.40 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	39.0
91	24.3	12.0	36.0





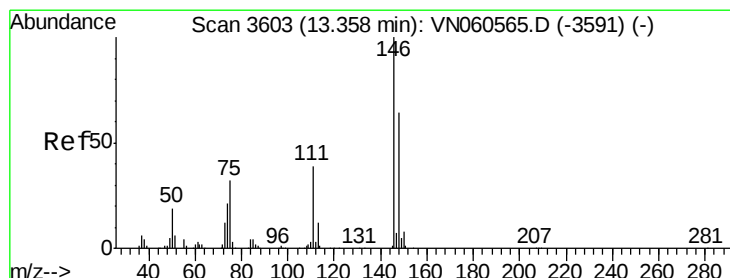
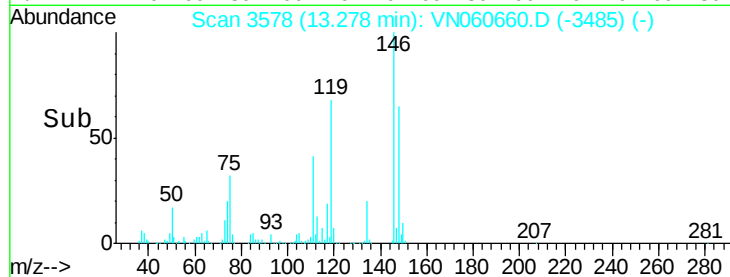
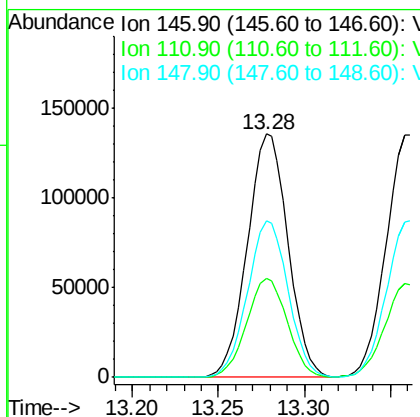
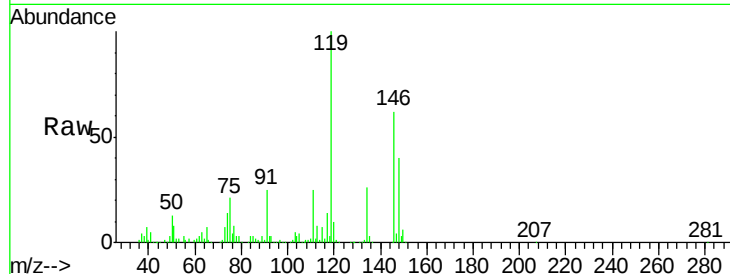
#87
 1,3-Dichlorobenzene
 Concen: 47.59 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	64.2	32.5	97.4

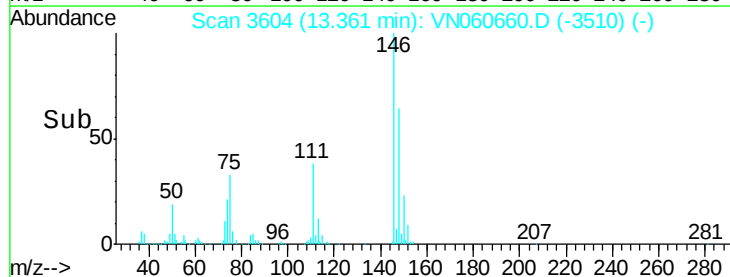
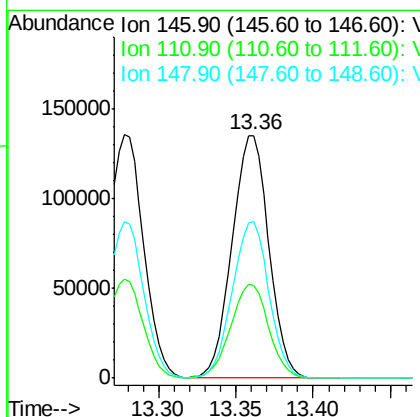
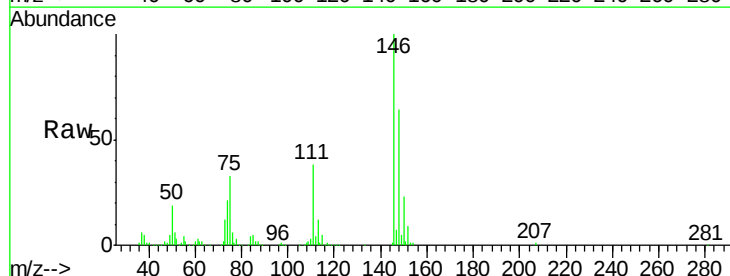
Manual Integrations
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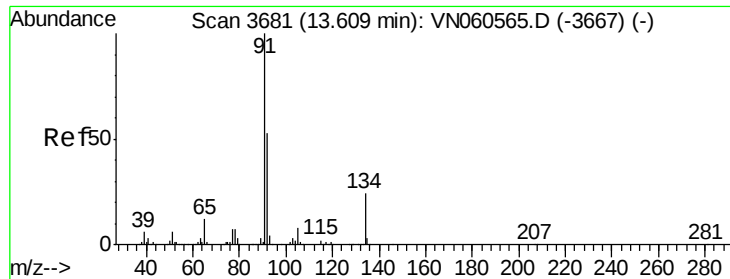
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#88
 1,4-Dichlorobenzene
 Concen: 47.67 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	64.2	32.1	96.3





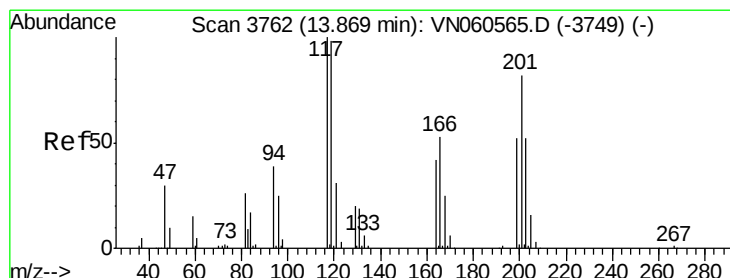
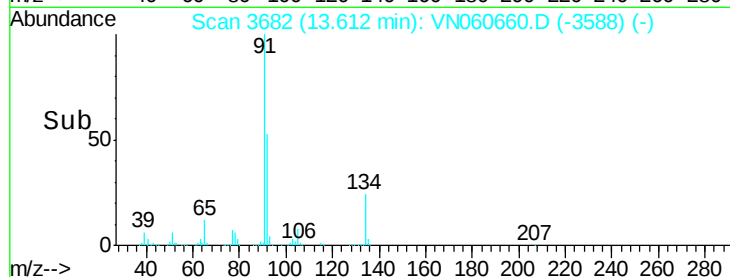
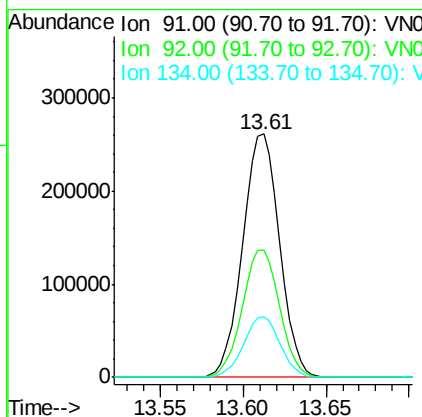
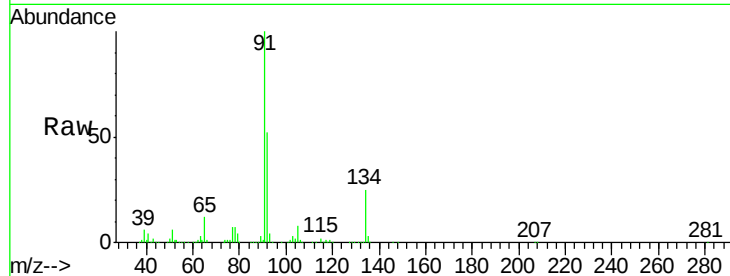
#89
n-Butylbenzene
Concen: 47.95 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.2	78.5
134	24.7	12.3	36.9

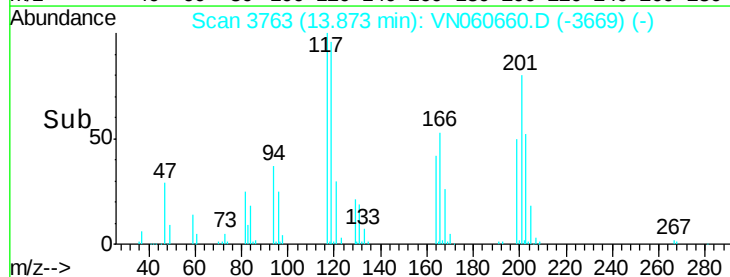
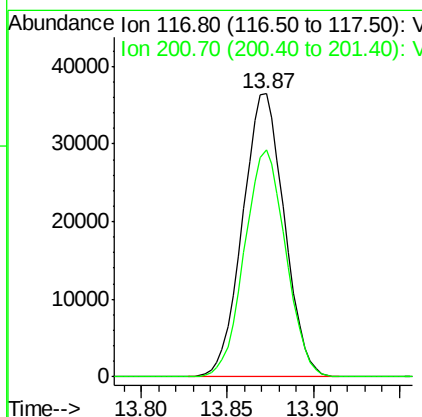
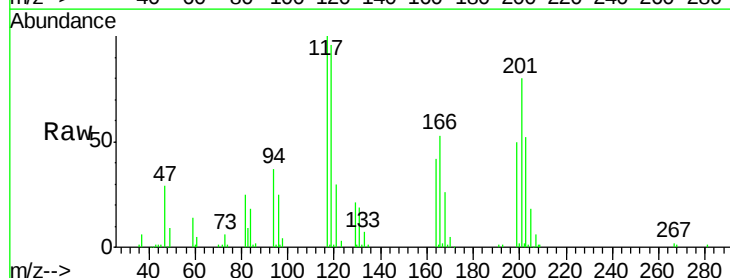
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#90
Hexachloroethane
Concen: 45.27 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.2	40.8	122.5





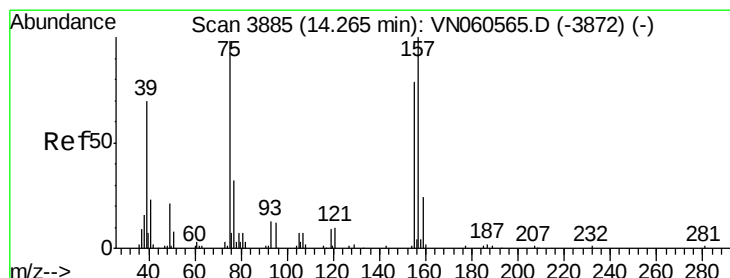
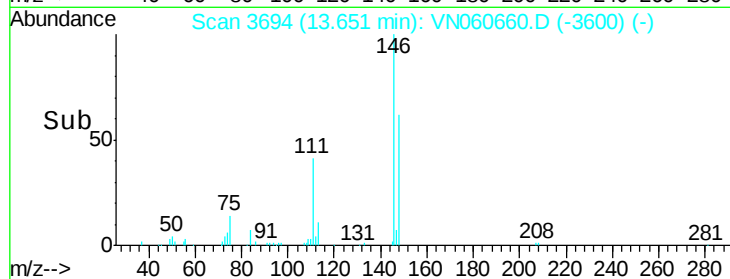
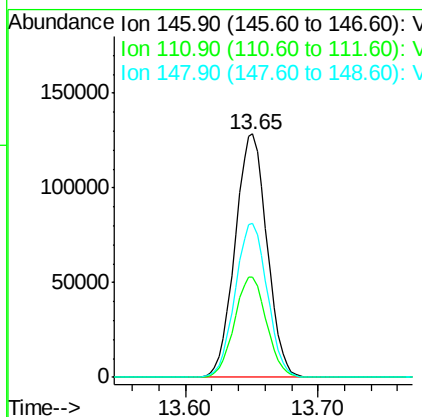
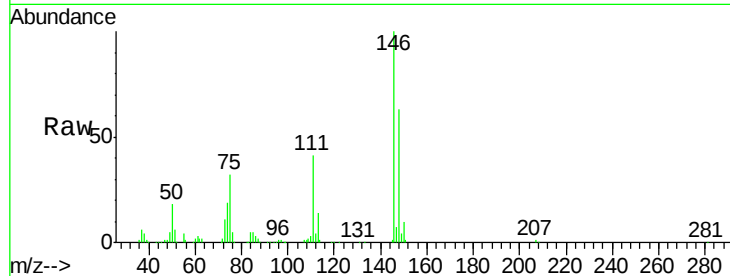
#91
 1,2-Dichlorobenzene
 Concen: 48.08 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	214626		
111	41.4	21.0	63.0	
148	63.4	31.9	95.5	

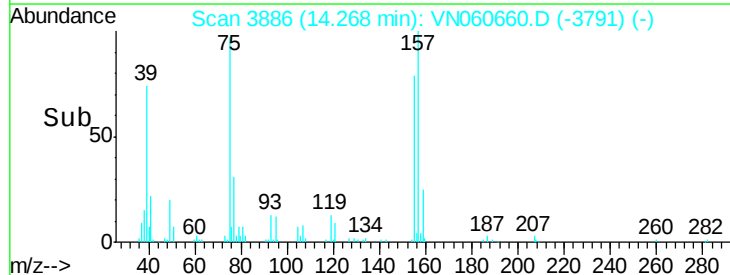
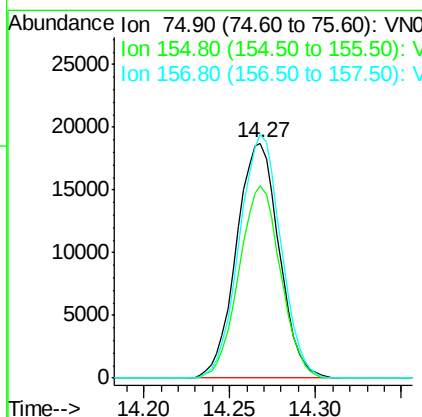
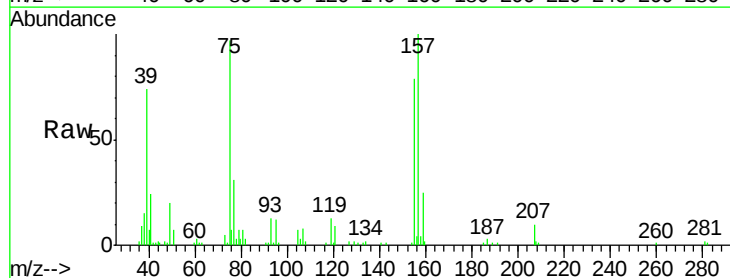
Manual Integrations
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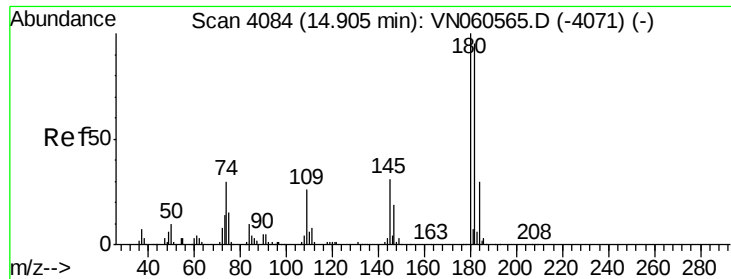
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.59 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	32426		
155	79.5	40.7	122.1	
157	100.9	51.5	154.7	





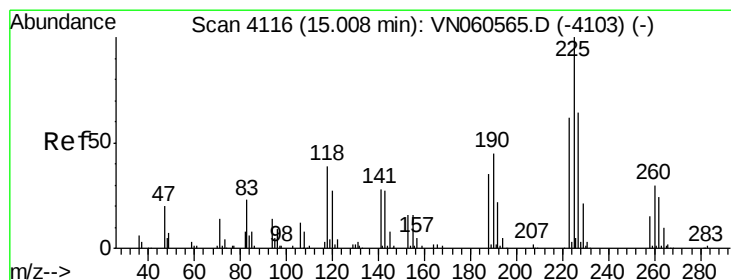
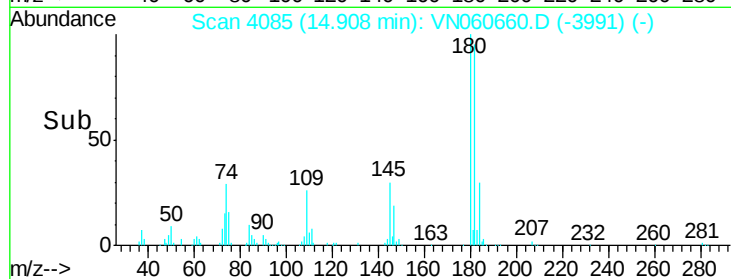
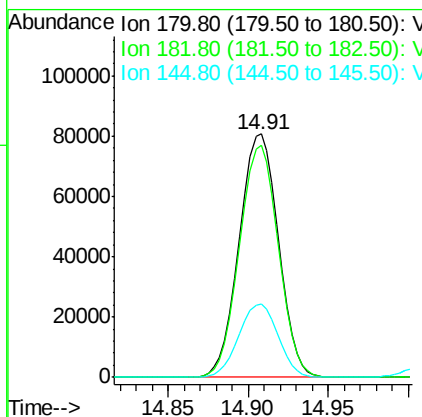
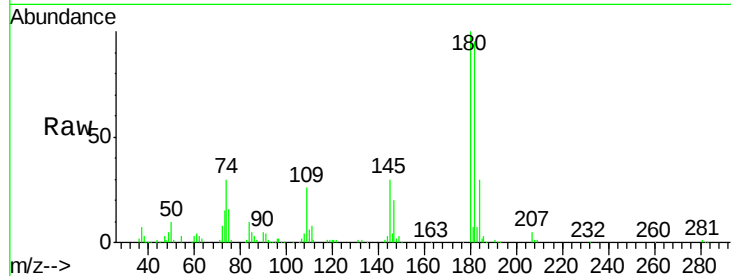
#93
 1,2,4-Trichlorobenzene
 Concen: 49.18 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.8
145	30.3	15.4	46.2

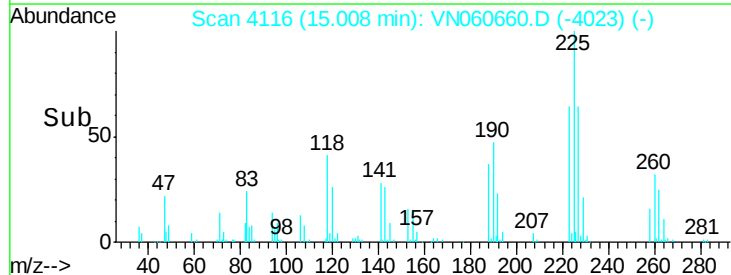
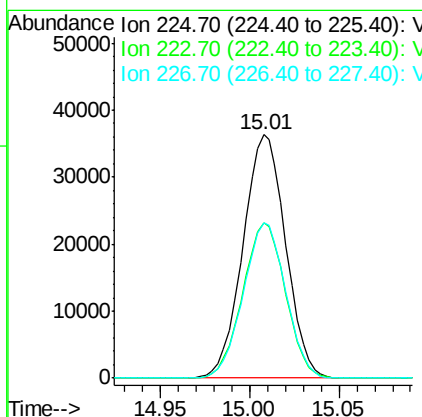
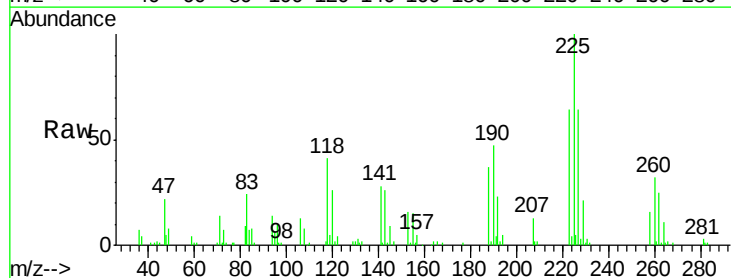
Manual Integrations
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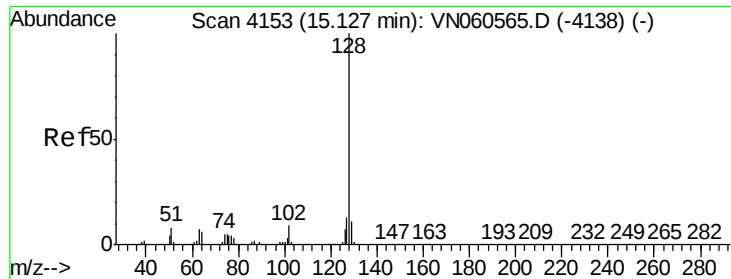
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#94
 Hexachlorobutadiene
 Concen: 45.13 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060660.D
 Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.6	95.0
227	63.5	32.3	96.8





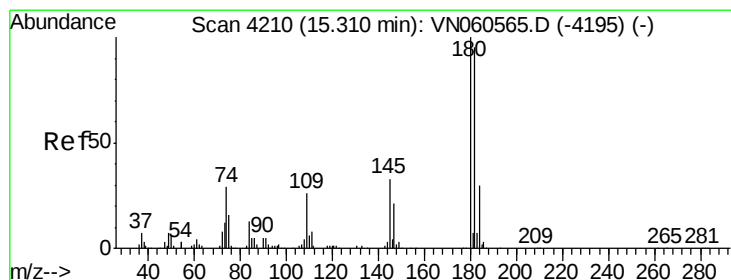
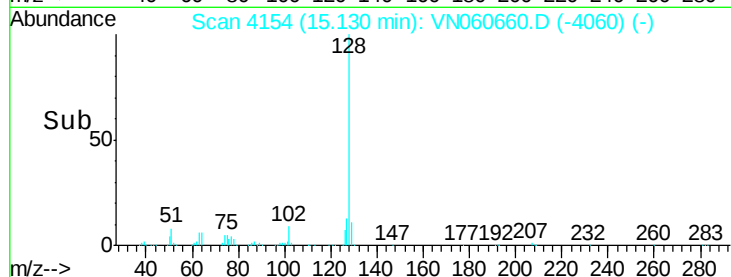
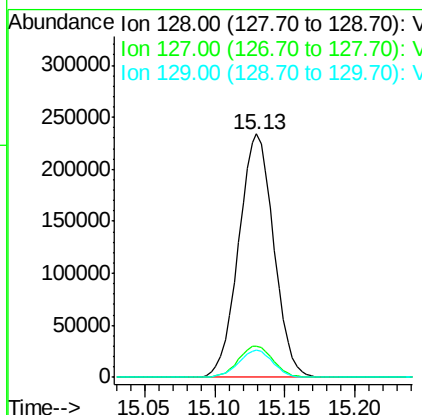
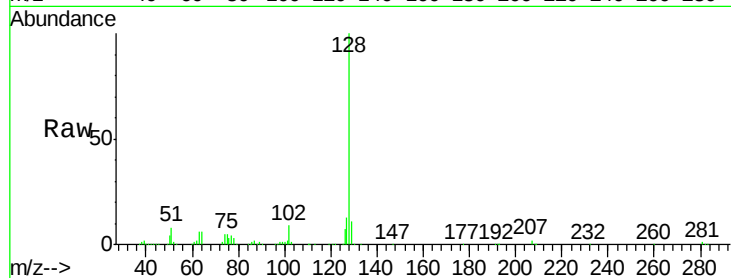
#95
Naphthalene
Concen: 49.29 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	406340		
127	12.8	10.2	15.2	
129	10.8	8.8	13.2	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 47.27 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060660.D
Acq: 20 Mar 2020 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	127633		
182	96.4	47.5	142.6	
145	32.4	16.3	48.8	

