

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060908.D
 Acq On : 8 Apr 2020 17:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 4/9/2020 12:29:45 PM

Quant Time: Apr 09 09:22:40 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	189243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	316807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	294849	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	142988	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	127150	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	7.56	113	96156	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
50) Toluene-d8	10.08	98	380567	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.40	95	141791	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	75591	41.282	ug/l	100
3) Chloromethane	2.04	50	140384	41.049	ug/l	98
4) Vinyl Chloride	2.17	62	111627	41.732	ug/l	97
5) Bromomethane	2.54	94	54880	47.527	ug/l	100
6) Chloroethane	2.68	64	70990	46.072	ug/l	98
7) Trichlorofluoromethane	3.00	101	150952	45.811	ug/l	98
8) Diethyl Ether	3.38	74	64105	48.429	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	91026	47.675	ug/l	99
10) Methyl Iodide	3.93	142	75645	44.524	ug/l	99
11) Tert butyl alcohol	4.72	59	92562	242.268	ug/l	99
12) 1,1-Dichloroethene	3.72	96	92005	44.904	ug/l	99
13) Acrolein	3.57	56	87235	206.014	ug/l	97
14) Allyl chloride	4.29	41	168393	46.729	ug/l	98
15) Acrylonitrile	4.94	53	286877	255.343	ug/l	99
16) Acetone	3.78	43	230096	250.044	ug/l	98
17) Carbon Disulfide	4.03	76	252185	40.470	ug/l	100
18) Methyl Acetate	4.28	43	138725	53.558	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	335264	47.593	ug/l	96
20) Methylene Chloride	4.52	84	106810	47.184	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	98227	44.982	ug/l	94
22) Diisopropyl ether	5.91	45	387545	50.904	ug/l	97
23) Vinyl Acetate	5.86	43	1551371	249.746	ug/l	99
24) 1,1-Dichloroethane	5.82	63	202545	48.802	ug/l	99
25) 2-Butanone	6.80	43	374353	251.400	ug/l	99
26) 2,2-Dichloropropane	6.80	77	156976	48.072	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	117954	47.533	ug/l	99
28) Bromochloromethane	7.17	49	102849	51.794	ug/l	97
29) Tetrahydrofuran	7.18	42	255272	242.290	ug/l	98
30) Chloroform	7.35	83	193523	48.639	ug/l	99
31) Cyclohexane	7.63	56	187066	44.708	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	165365	48.211	ug/l	99
36) 1,1-Dichloropropene	7.77	75	144534	47.115	ug/l	99
37) Ethyl Acetate	6.89	43	159361	48.077	ug/l	99
38) Carbon Tetrachloride	7.75	117	130608	47.504	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	172950	47.441	ug/l	98
40) Benzene	8.02	78	438960	47.401	ug/l	99
41) Methacrylonitrile	7.14	41	81945	57.927	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	154106	48.694	ug/l	100
43) Isopropyl Acetate	8.14	43	271239	49.618	ug/l	99
44) Trichloroethene	8.82	130	111294	47.674	ug/l	100
45) 1,2-Dichloropropane	9.10	63	122906	50.298	ug/l	99
46) Dibromomethane	9.19	93	72483	49.065	ug/l	100
47) Bromodichloromethane	9.38	83	153886	50.129	ug/l	99
48) Methyl methacrylate	9.18	41	120968	49.702	ug/l	99
49) 1,4-Dioxane	9.18	88	32723	1131.134	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	796605	256.084	ug/l	99
52) Toluene	10.14	92	270101	48.295	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	175570	49.790	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	188798	48.805	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	105954	49.244	ug/l	99
56) Ethyl methacrylate	10.42	69	171996	51.268	ug/l	98
57) 1,3-Dichloropropane	10.70	76	186410	49.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	400696	240.312	ug/l	99
59) 2-Hexanone	10.74	43	578317	258.084	ug/l	99
60) Dibromochloromethane	10.89	129	112187	50.478	ug/l	99
61) 1,2-Dibromoethane	10.99	107	107958	49.898	ug/l	99
64) Tetrachloroethene	10.62	164	101078	43.564	ug/l	98
65) Chlorobenzene	11.43	112	277286	47.439	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	102525	48.445	ug/l	99
67) Ethyl Benzene	11.50	91	521225	47.951	ug/l	100
68) m/p-Xylenes	11.62	106	378430	93.687	ug/l	98
69) o-Xylene	11.94	106	183410	47.565	ug/l	98
70) Styrene	11.96	104	308576	48.930	ug/l	99
71) Bromoform	12.12	173	81789	46.617	ug/l #	100
73) Isopropylbenzene	12.25	105	501430	46.729	ug/l	99
74) N-amyl acetate	12.06	43	233862	47.164	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	156707	48.291	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	128639m	41.693	ug/l	
77) Bromobenzene	12.52	156	119422	46.185	ug/l	100
78) n-propylbenzene	12.59	91	593407	46.807	ug/l	99
79) 2-Chlorotoluene	12.67	91	345630	45.629	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	421399	46.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	55216	45.962	ug/l	99
82) 4-Chlorotoluene	12.77	91	355248	46.047	ug/l	100
83) tert-Butylbenzene	12.99	119	357463	47.353	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	424598	47.131	ug/l	100
85) sec-Butylbenzene	13.17	105	488448	48.118	ug/l	100
86) p-Isopropyltoluene	13.28	119	434470	47.597	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	214845	47.110	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	215490	47.031	ug/l	100
89) n-Butylbenzene	13.61	91	409564	49.697	ug/l	100
90) Hexachloroethane	13.87	117	69279	52.214	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	208434	47.798	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31131	45.779	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131908	49.259	ug/l	99
94) Hexachlorobutadiene	15.01	225	67802	51.649	ug/l	97
95) Naphthalene	15.13	128	373765	46.405	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	124066	47.037	ug/l	99

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

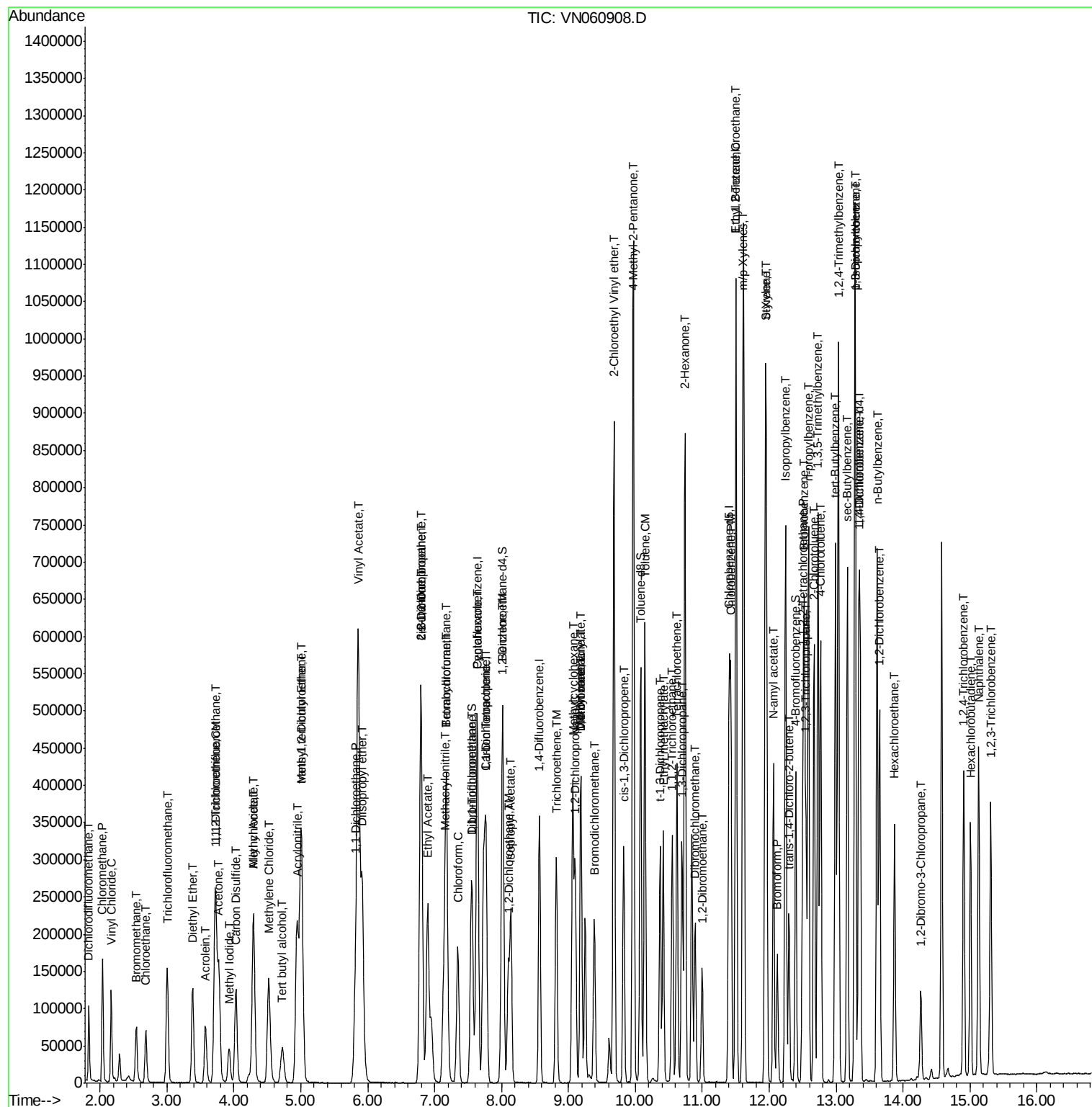
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 189243

Ion Ratio Lower Upper

168 100

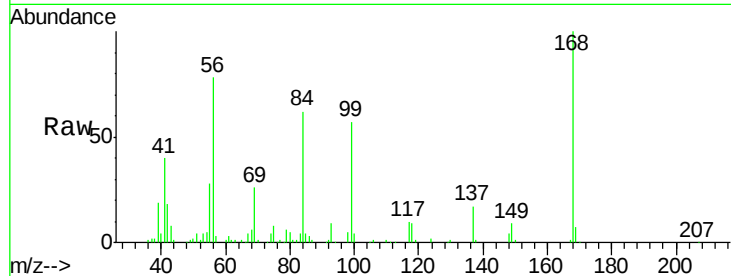
99 56.9 44.0 66.0

Manual Integrations

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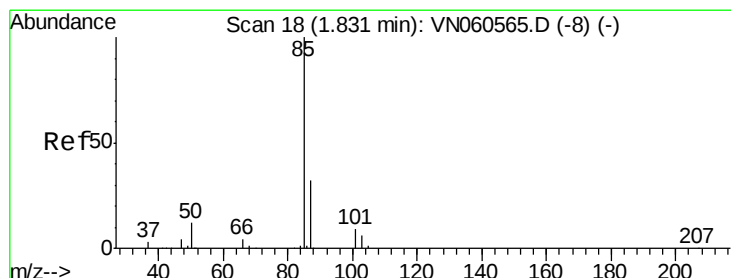
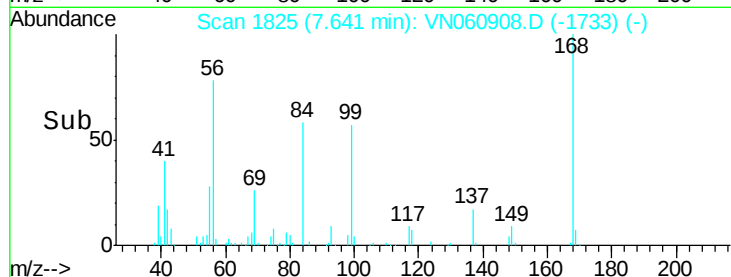
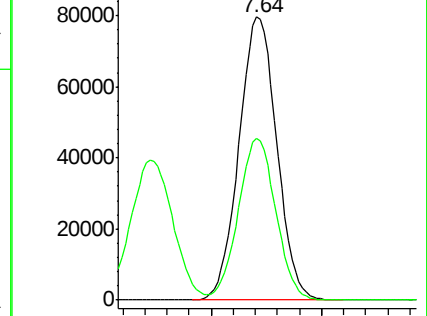
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 41.282 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060908.D

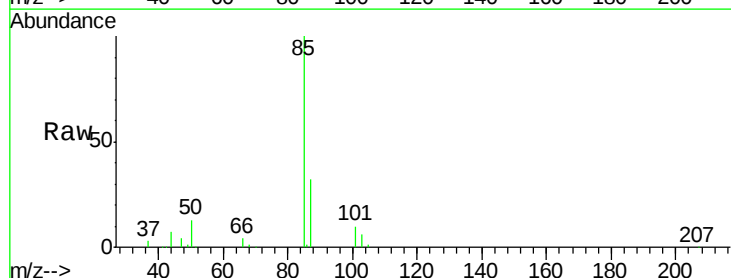
Acq: 8 Apr 2020 17:56

Tgt Ion: 85 Resp: 75591

Ion Ratio Lower Upper

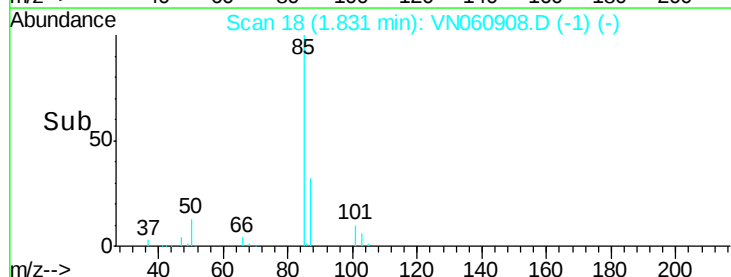
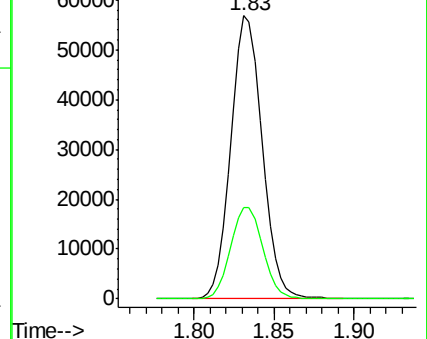
85 100

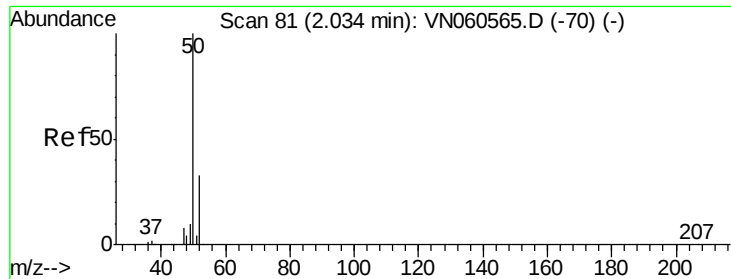
87 32.4 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





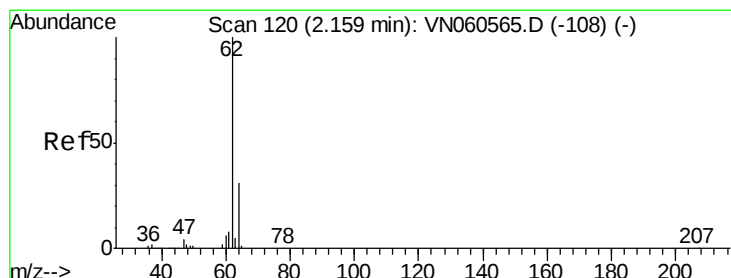
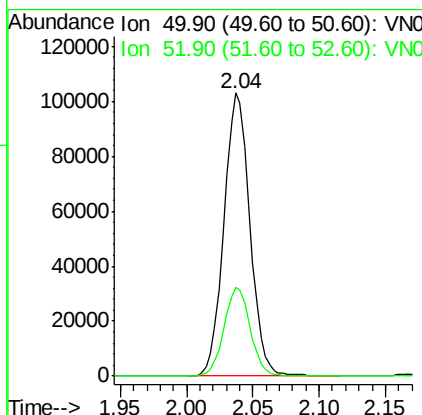
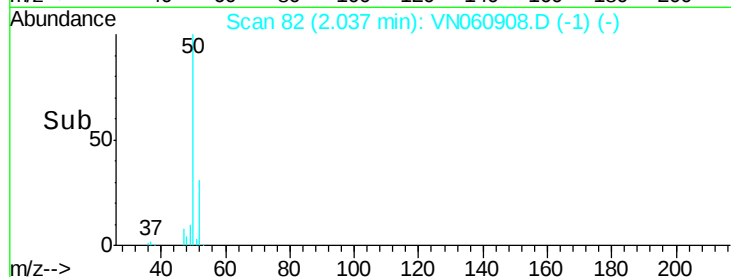
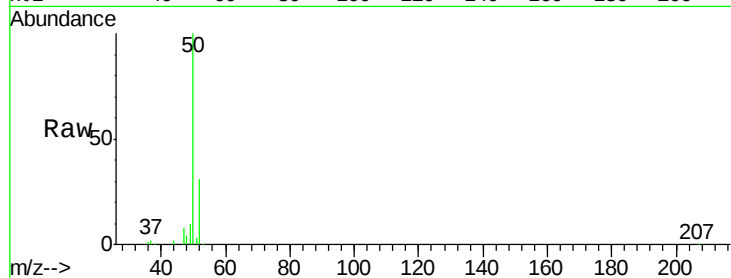
#3
Chloromethane
Concen: 41.049 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 50 Resp: 140384
Ion Ratio Lower Upper
50 100
52 31.5 26.2 39.2

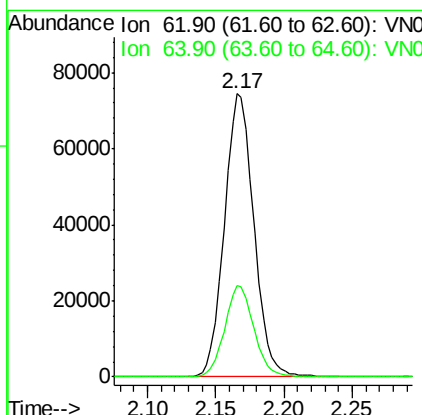
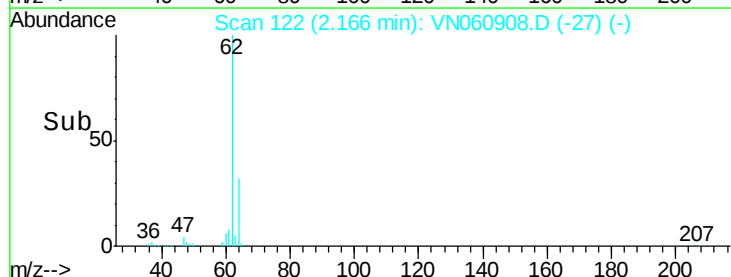
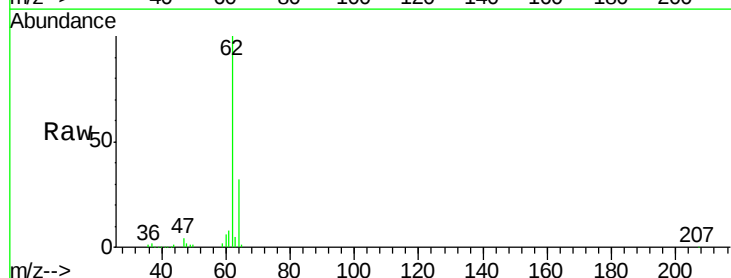
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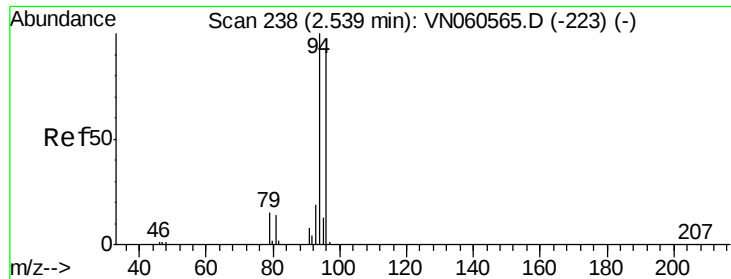
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#4
Vinyl Chloride
Concen: 41.732 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.01 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 62 Resp: 111627
Ion Ratio Lower Upper
62 100
64 32.5 24.7 37.1





#5

Bromomethane

Concen: 47.527 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 54880

Ion Ratio Lower Upper

94 100

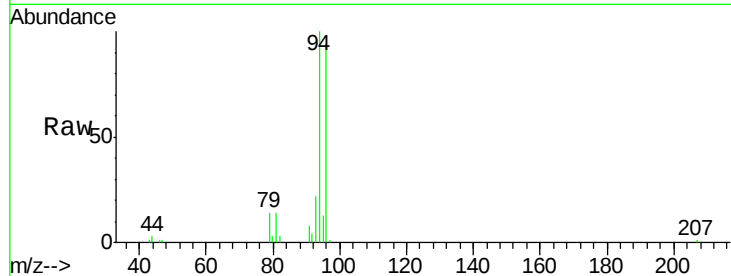
96 93.8 74.6 112.0

Manual Integrations

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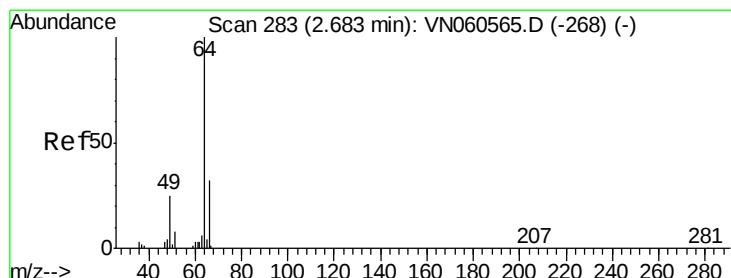
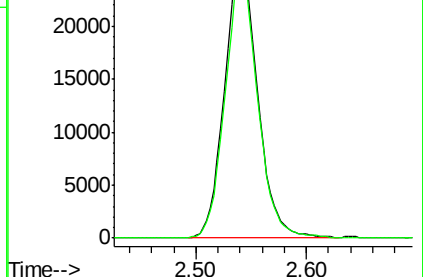
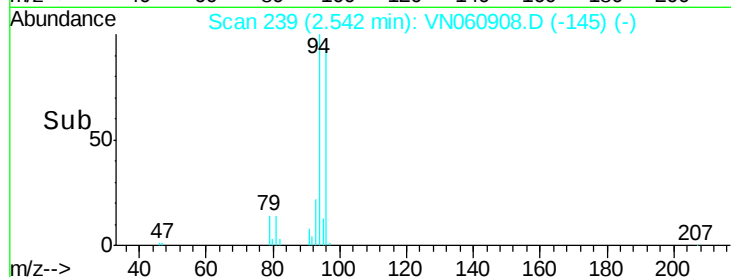


Abundance Ion 93.90 (93.60 to 94.60): VN060908.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060908.D (-145) (-)

2.54

Time-->



#6

Chloroethane

Concen: 46.072 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060908.D

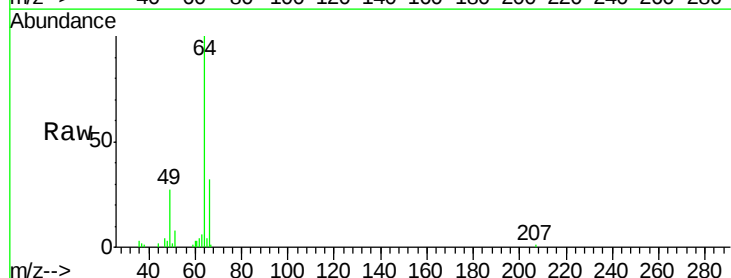
Acq: 8 Apr 2020 17:56

Tgt Ion: 64 Resp: 70990

Ion Ratio Lower Upper

64 100

66 32.5 25.3 37.9

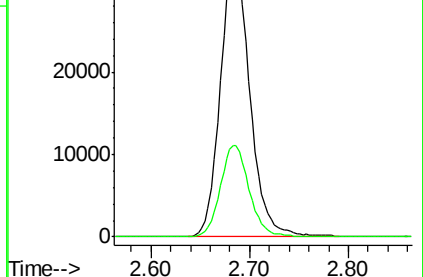
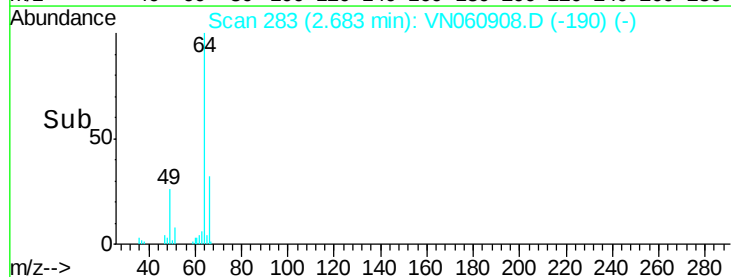


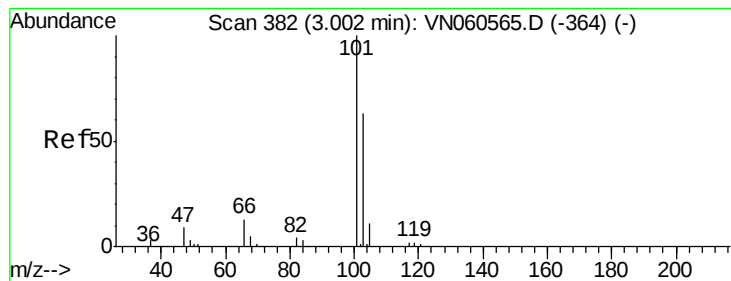
Abundance Ion 63.90 (63.60 to 64.60): VN060908.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060908.D (-190) (-)

2.68

Time-->





#7

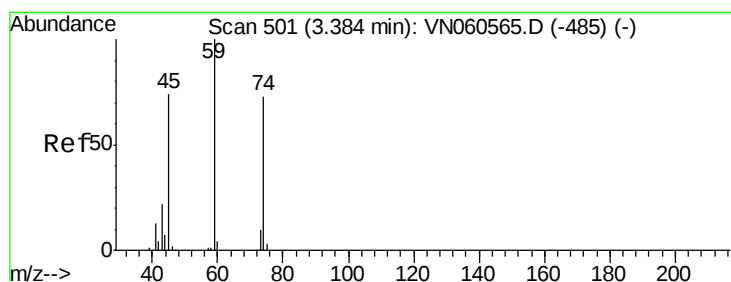
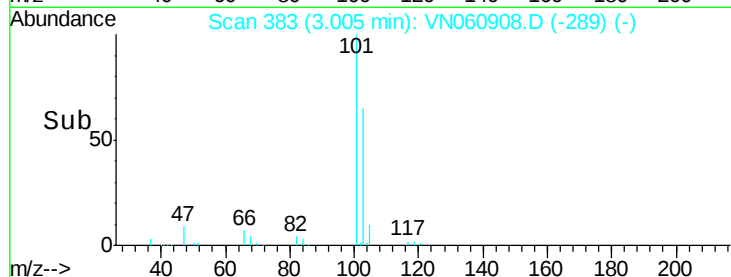
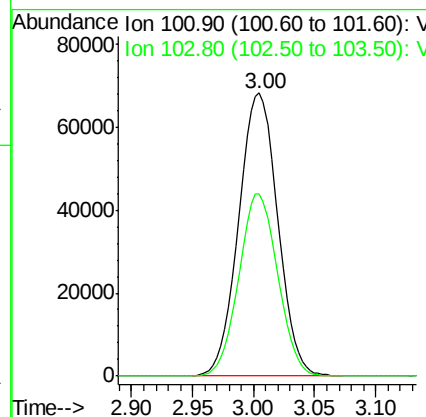
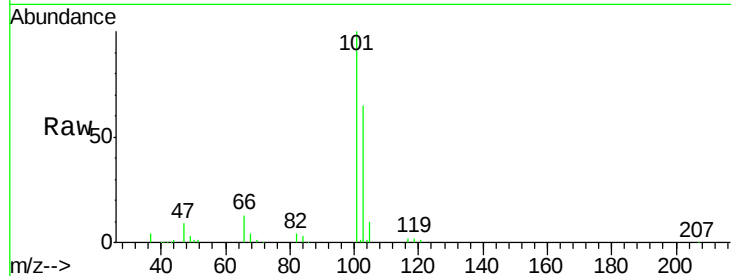
Trichlorofluoromethane
 Concen: 45.811 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.6	76.0

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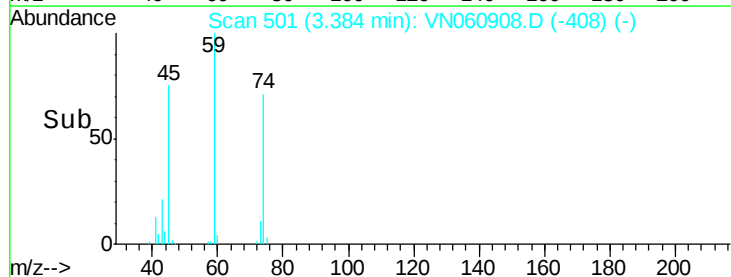
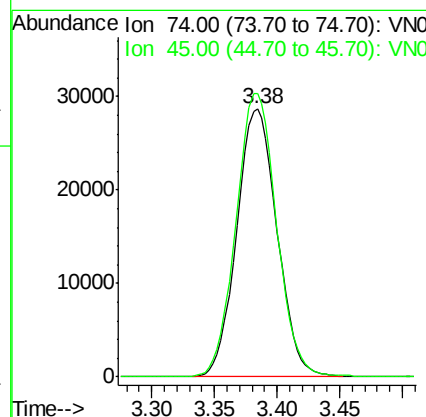
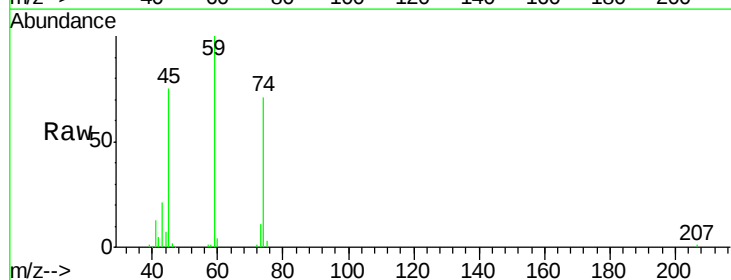
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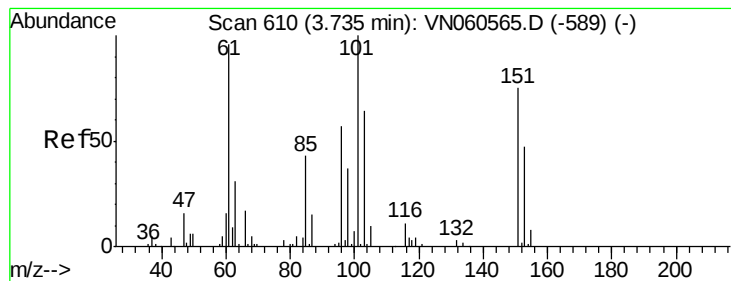


#8

Diethyl Ether
 Concen: 48.429 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.7	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.675 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

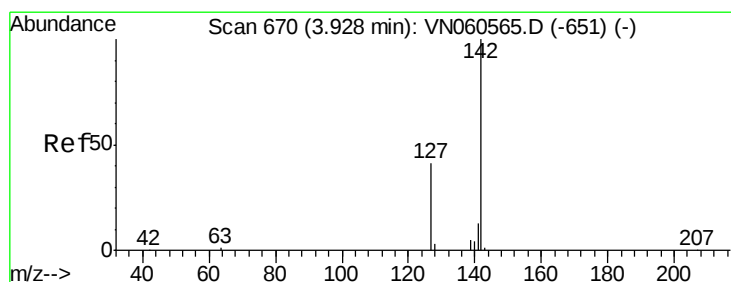
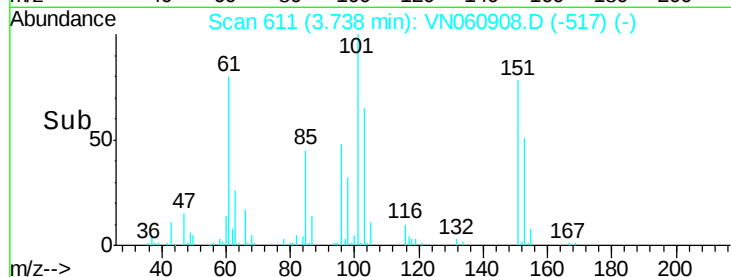
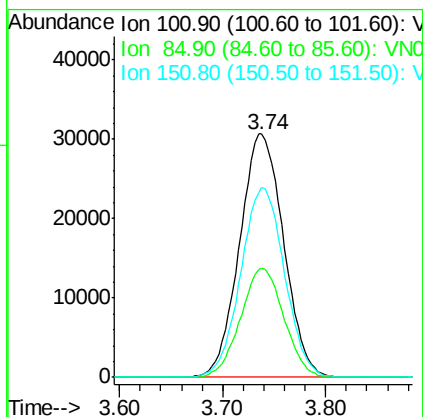
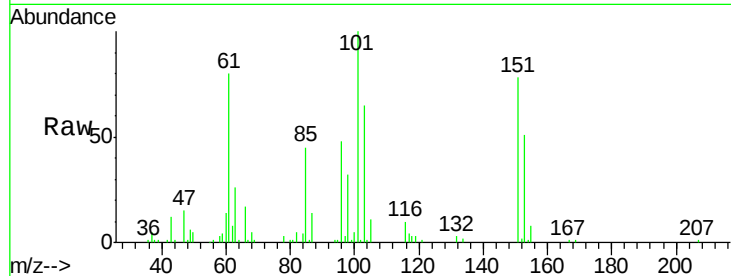
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	91026
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.6	53.4
151	77.5	61.4	92.2

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#10

Methyl Iodide

Concen: 44.524 ug/l

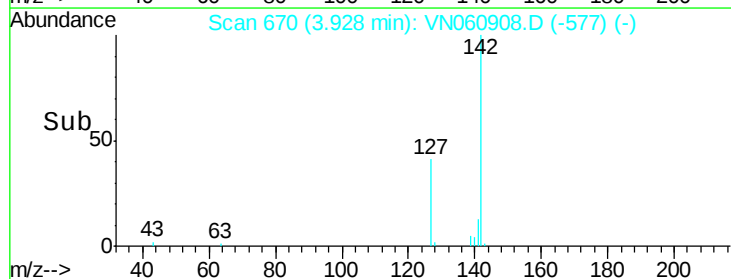
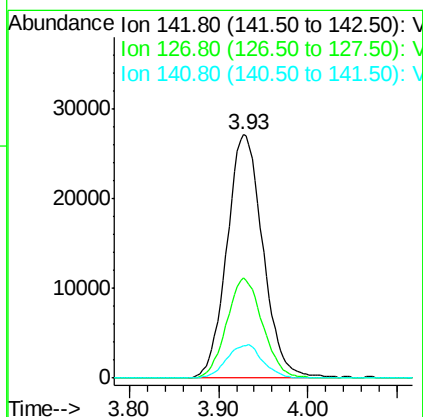
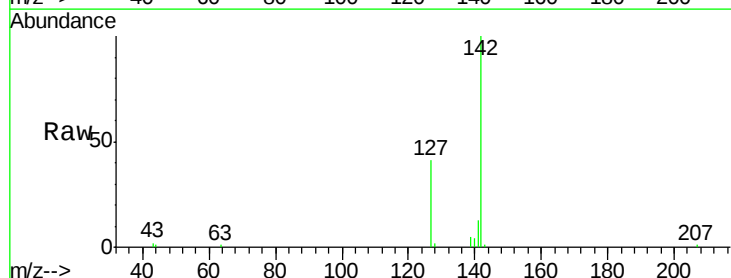
RT: 3.93 min Scan# 670

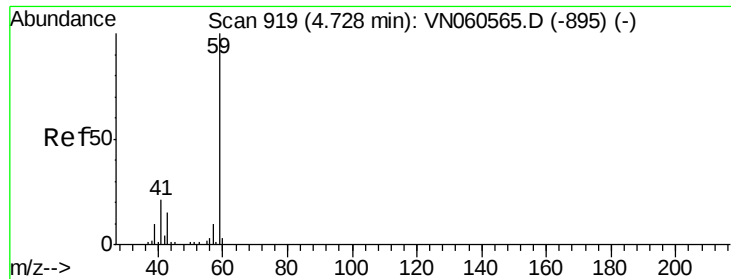
Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Tgt Ion:	142	Resp:	75645
Ion Ratio	Lower	Upper	
142	100		
127	40.9	33.5	50.3
141	13.7	11.0	16.6





#11

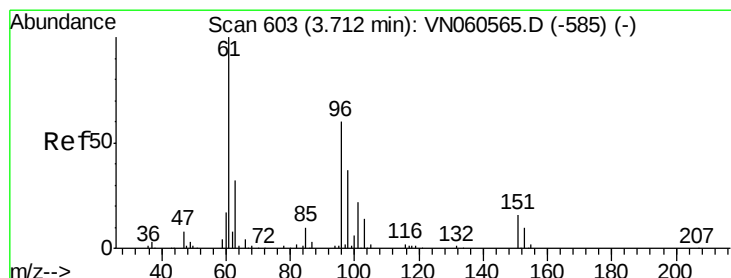
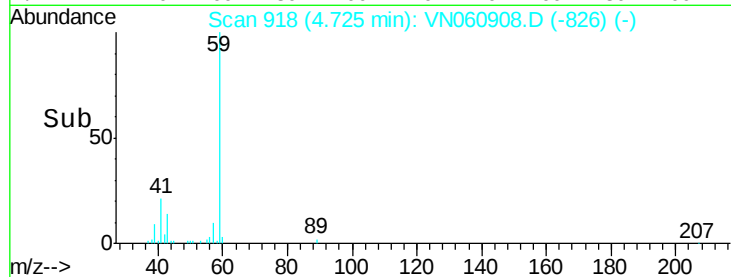
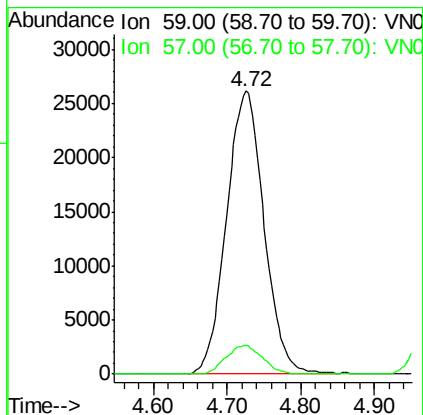
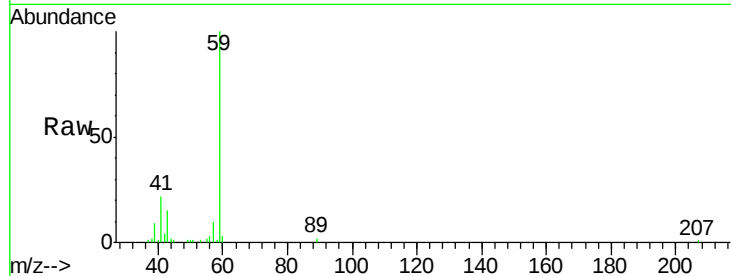
Tert butyl alcohol
Concen: 242.268 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.2	12.4

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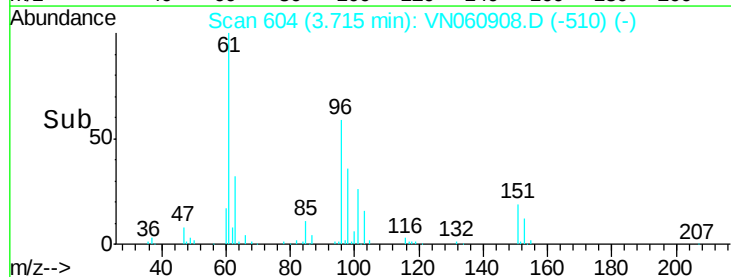
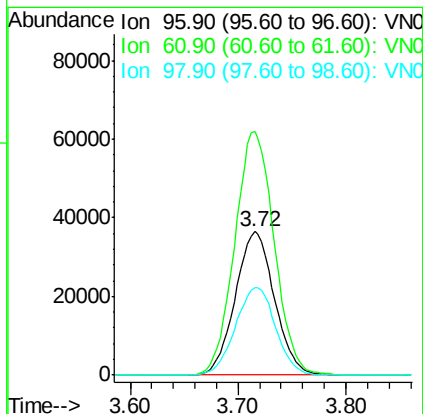
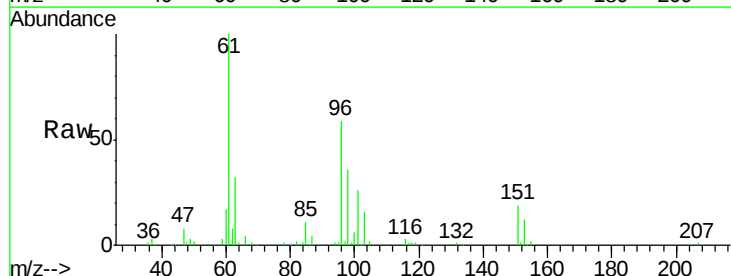
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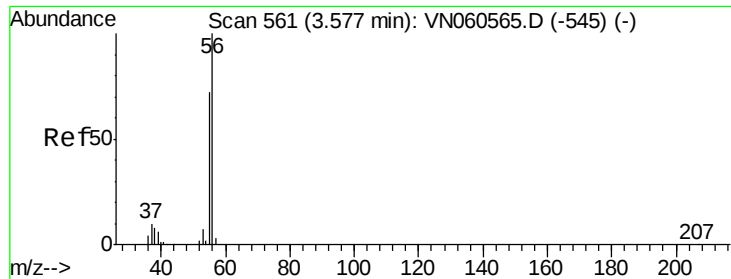


#12

1,1-Dichloroethene
Concen: 44.904 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.5	134.1	201.1
98	61.2	49.9	74.9





#13

Acrolein

Concen: 206.014 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 87235

Ion Ratio Lower Upper

56 100

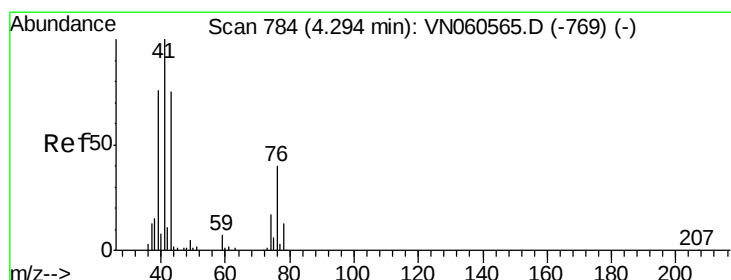
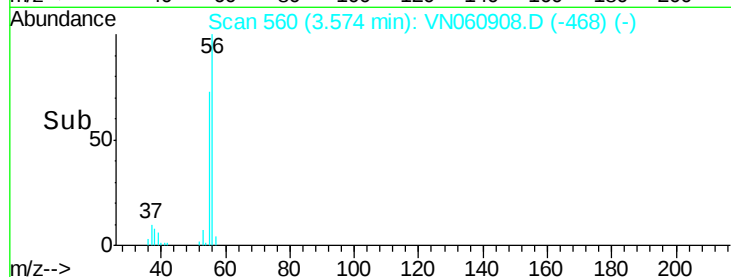
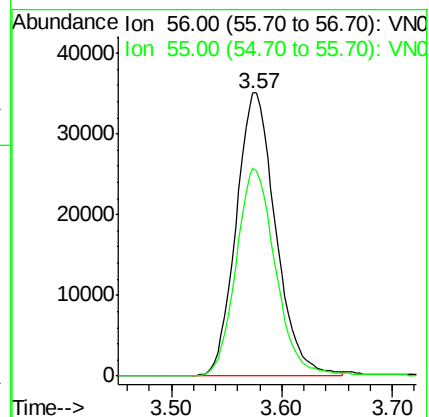
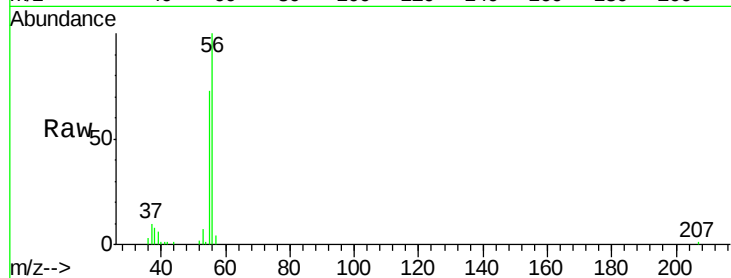
55 73.3 56.7 85.1

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#14

Allyl chloride

Concen: 46.729 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

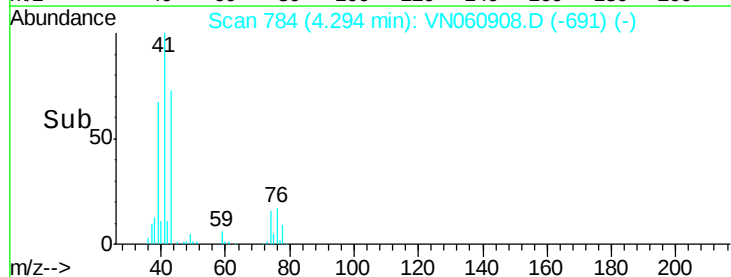
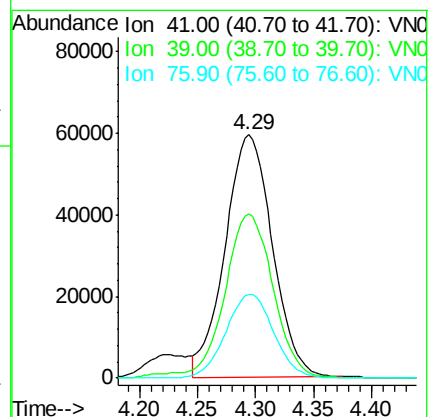
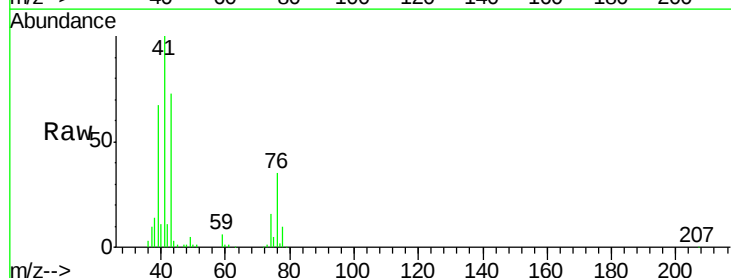
Tgt Ion: 41 Resp: 168393

Ion Ratio Lower Upper

41 100

39 70.2 57.8 86.8

76 35.1 28.6 43.0





#15

Acrylonitrile

Concen: 255.343 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

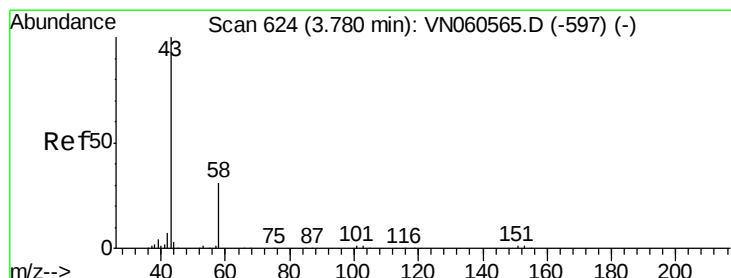
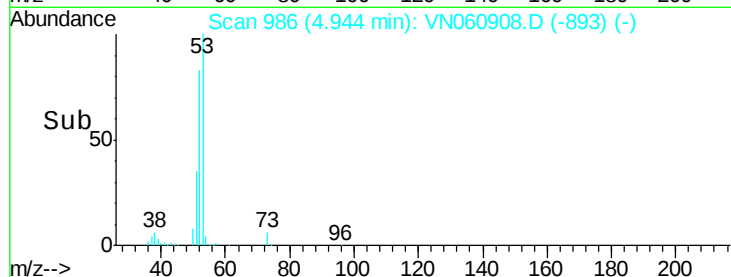
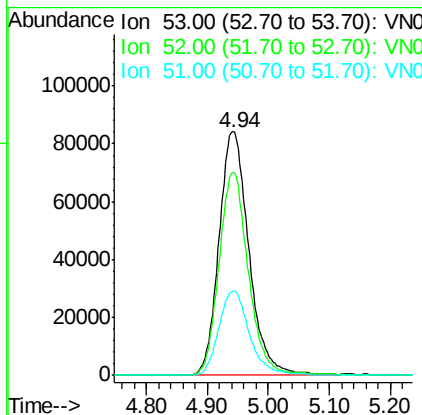
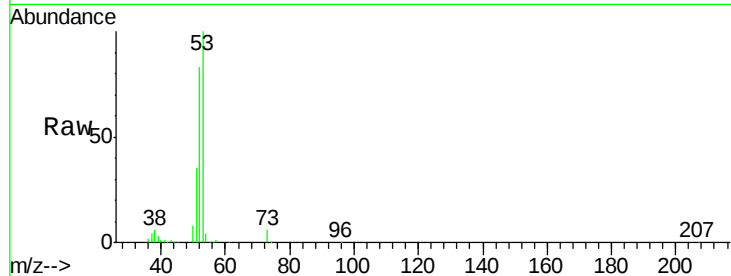
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	286877
Ion	Ratio	Lower	Upper
53	100		
52	81.7	66.2	99.4
51	35.4	28.7	43.1

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#16

Acetone

Concen: 250.044 ug/l

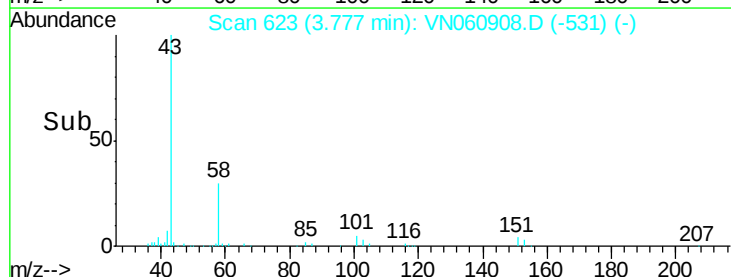
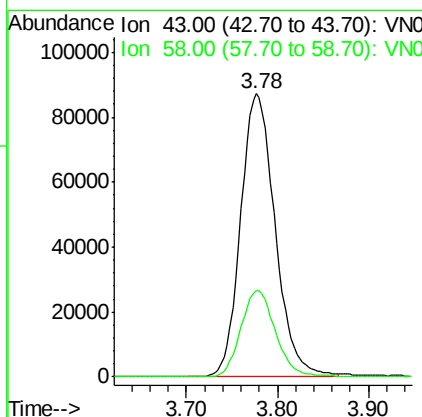
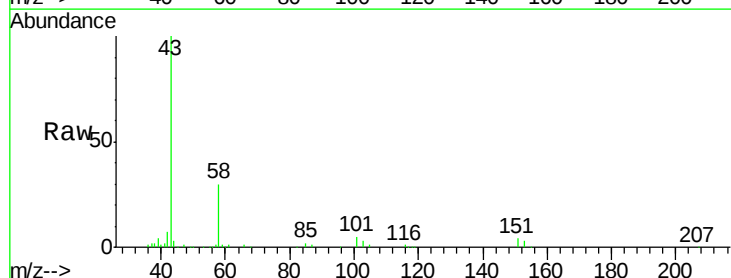
RT: 3.78 min Scan# 623

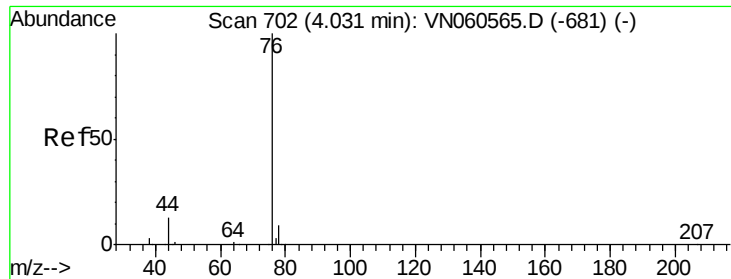
Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Tgt Ion:	43	Resp:	230096
Ion	Ratio	Lower	Upper
43	100		
58	30.4	25.1	37.7





#17

Carbon Disulfide

Concen: 40.470 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 252185

Ion Ratio Lower Upper

76 100

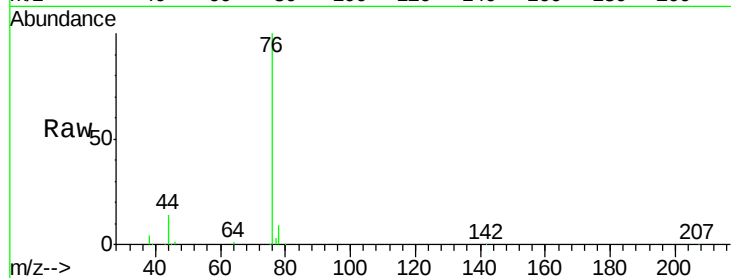
78 9.0 7.2 10.8

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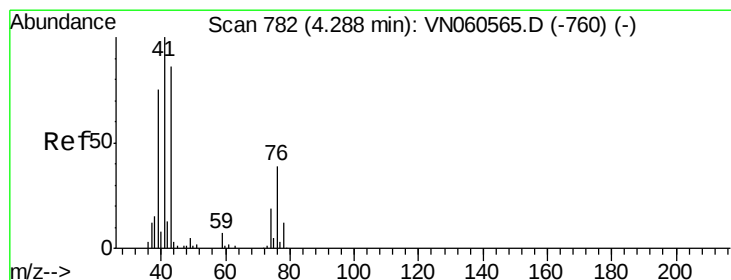
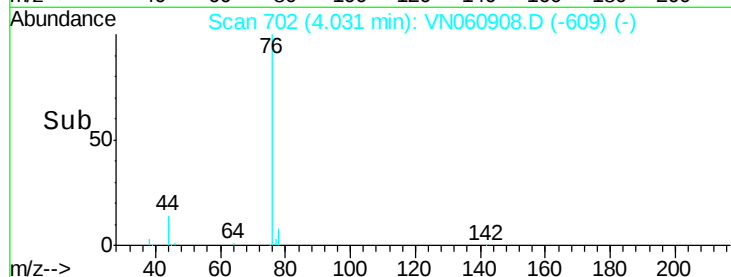
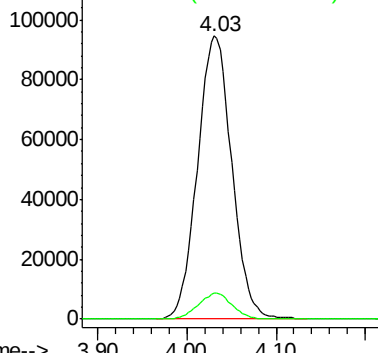
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 53.558 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060908.D

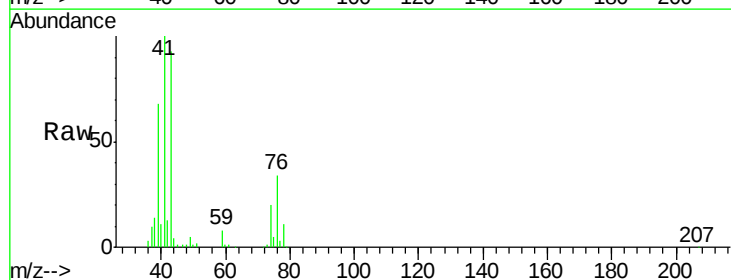
Acq: 8 Apr 2020 17:56

Tgt Ion: 43 Resp: 138725

Ion Ratio Lower Upper

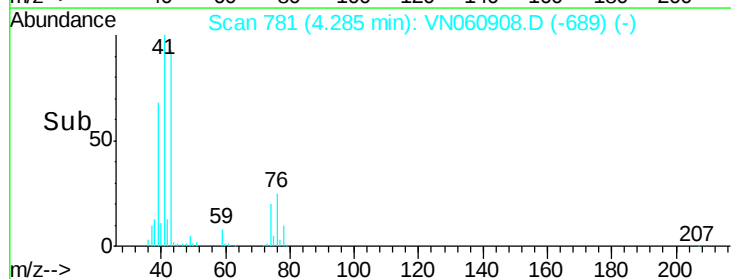
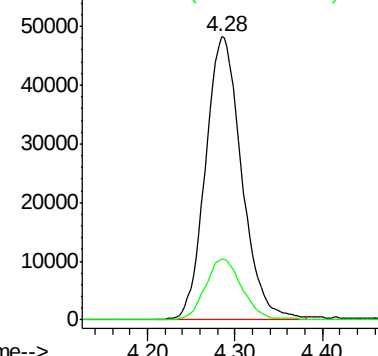
43 100

74 21.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





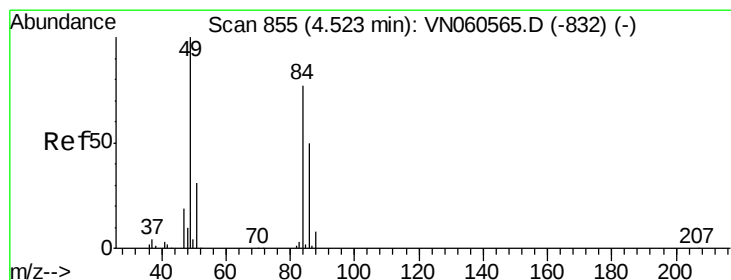
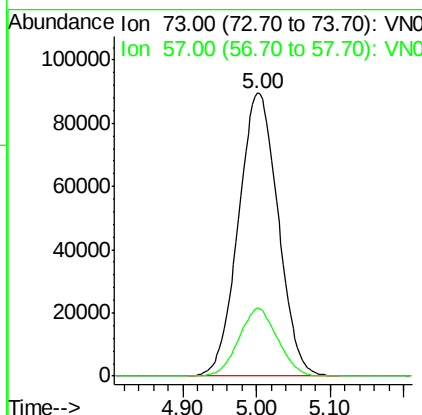
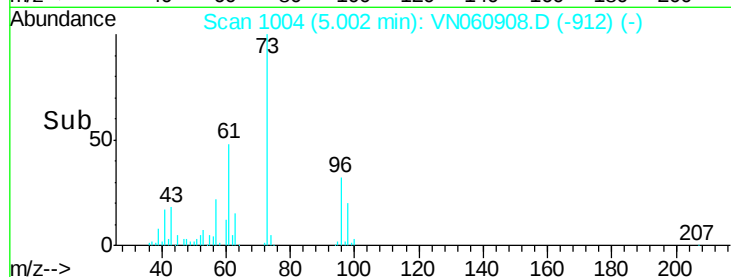
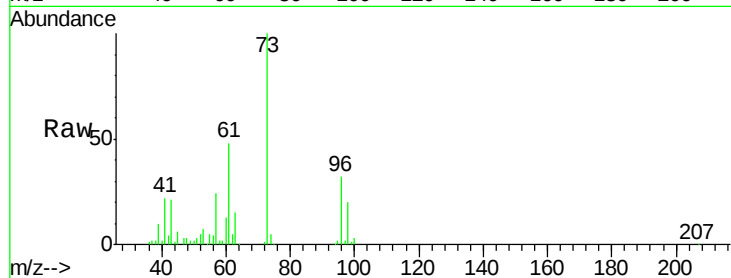
#19
Methvl tert-butvl Ether
Concen: 47.593 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 335264
Ion Ratio Lower Upper
73 100
57 23.9 17.5 26.3

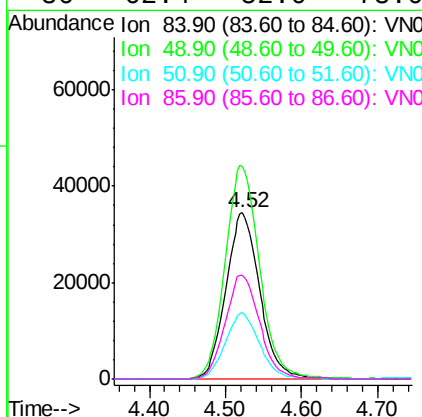
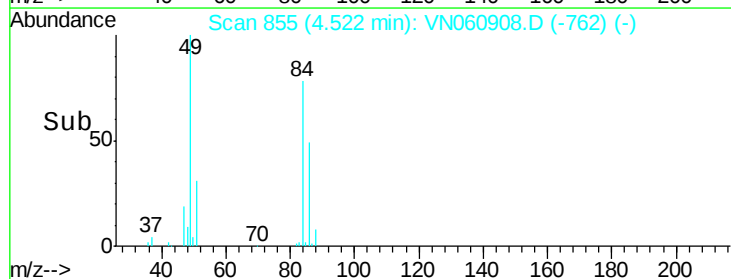
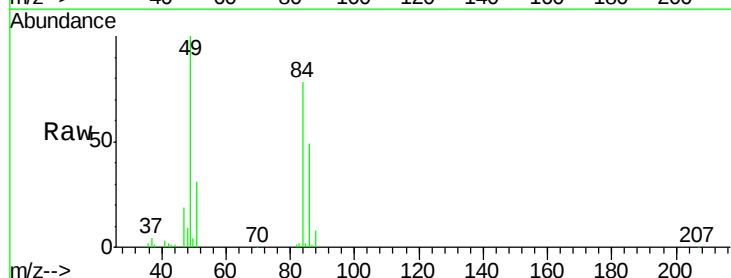
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#20
Methylene Chloride
Concen: 47.184 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 84 Resp: 106810
Ion Ratio Lower Upper
84 100
49 128.3 103.3 154.9
51 40.1 31.6 47.4
86 62.4 52.0 78.0





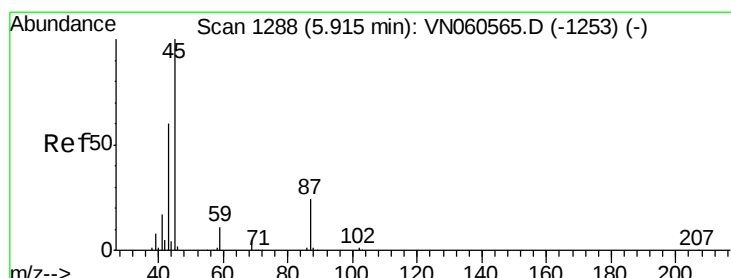
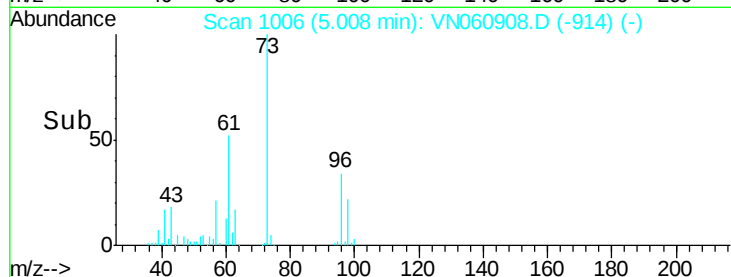
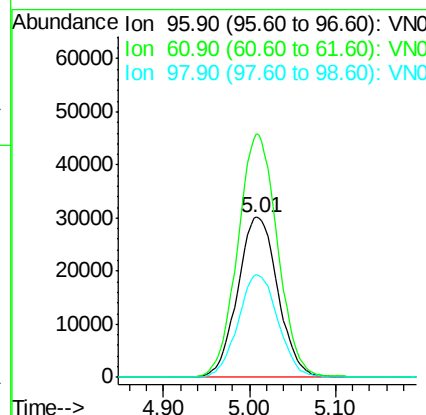
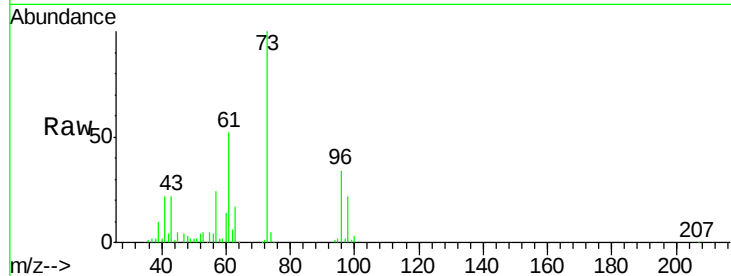
#21
trans-1,2-Dichloroethene
Concen: 44.982 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.9	114.4	171.6
98	63.8	48.4	72.6

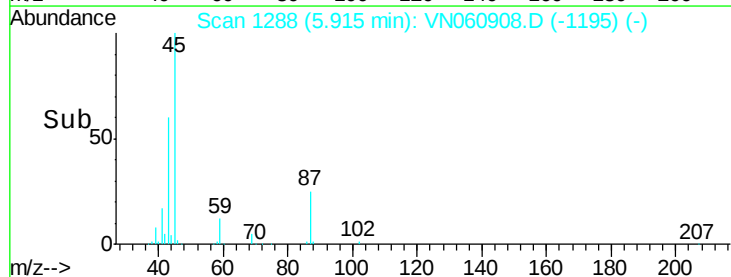
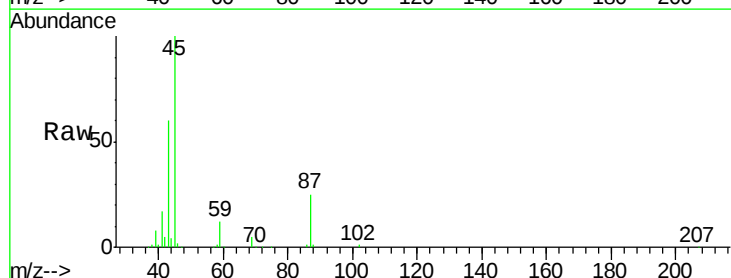
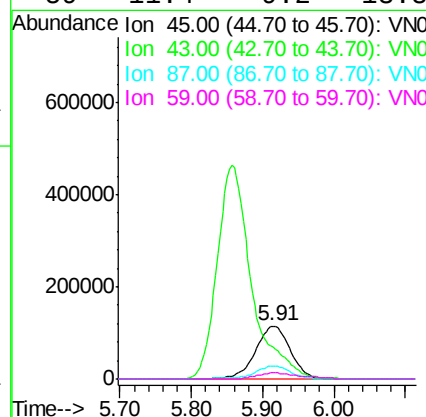
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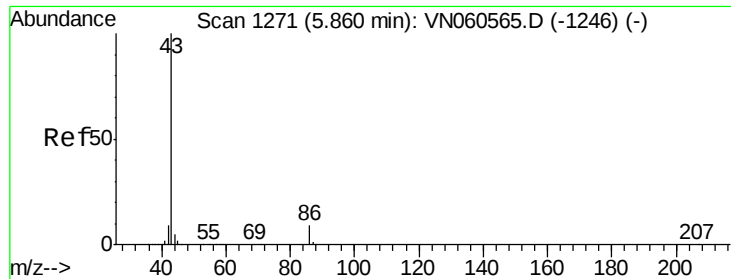
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#22
Diisopropyl ether
Concen: 50.904 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.4	49.8	74.8
87	24.8	20.1	30.1
59	11.4	9.2	13.8





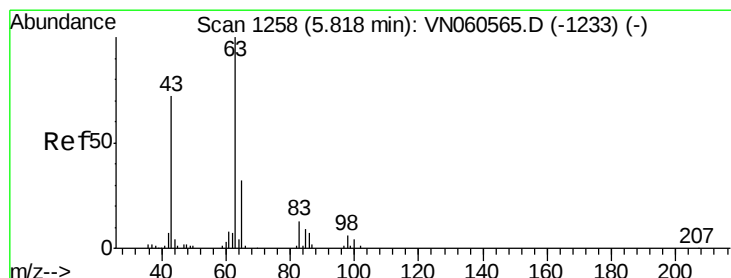
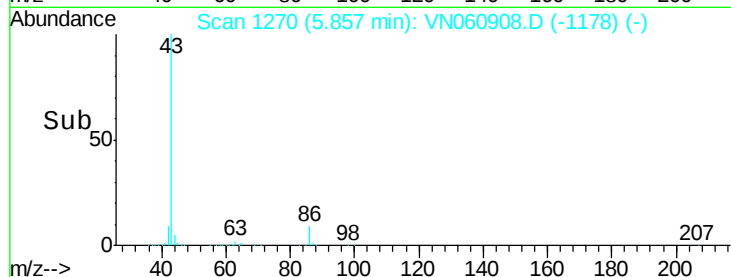
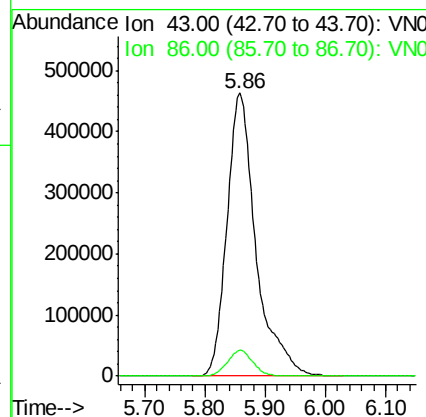
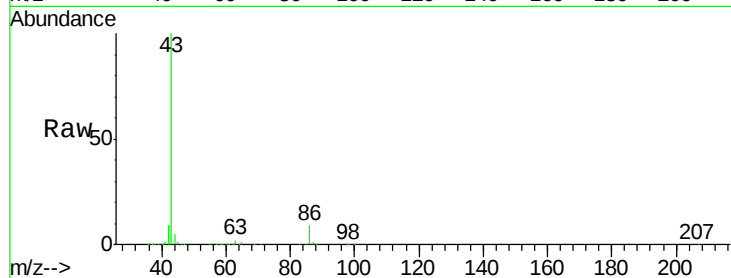
#23
 Vinyl Acetate
 Concen: 249.746 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1551371
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4

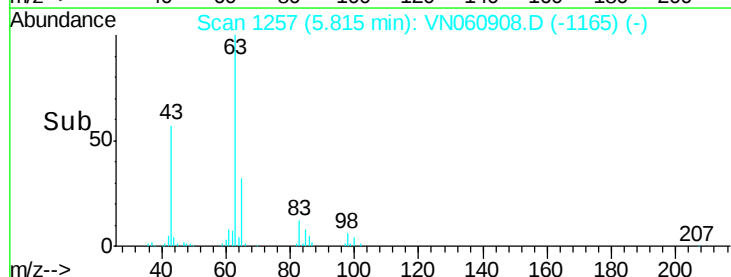
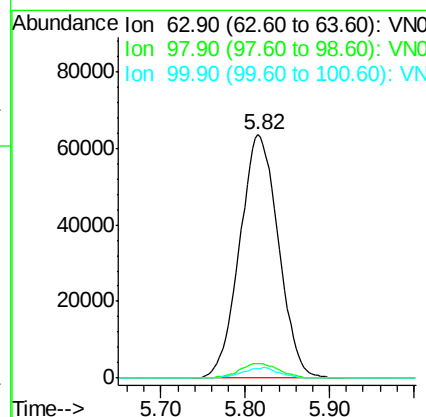
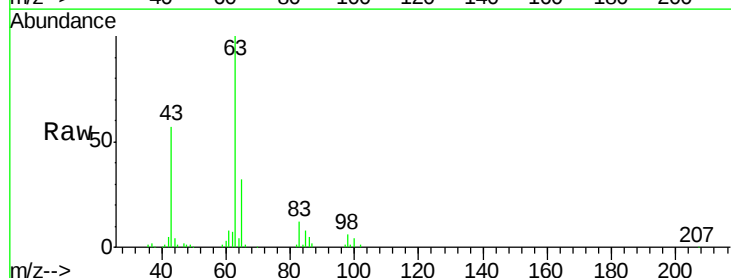
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#24
 1,1-Dichloroethane
 Concen: 48.802 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion: 63 Resp: 202545
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.7
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 251.400 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 374353

Ion Ratio Lower Upper

43 100

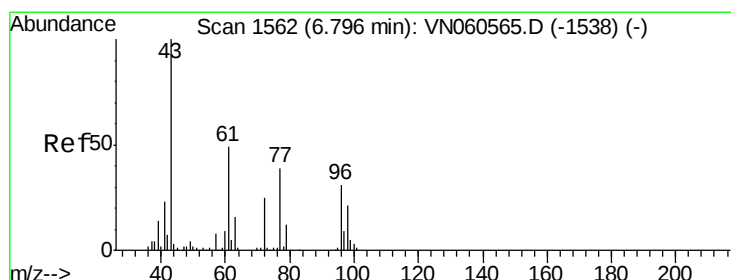
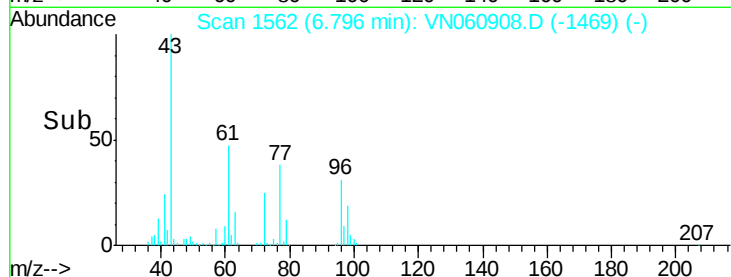
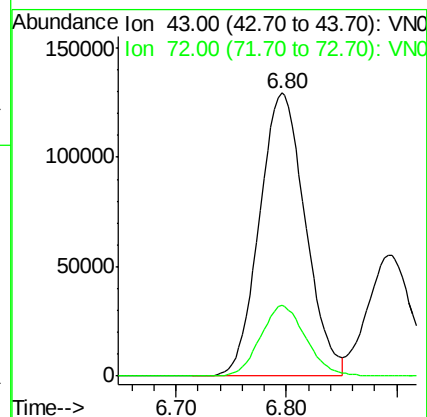
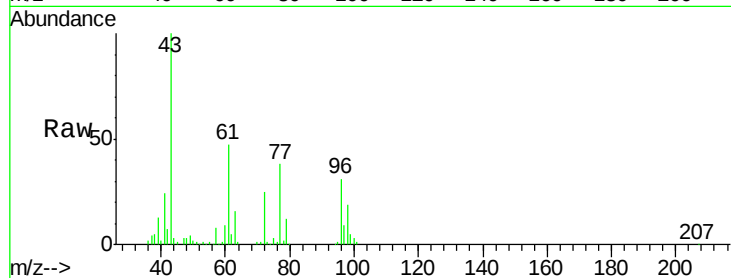
72 25.0 20.4 30.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.072 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060908.D

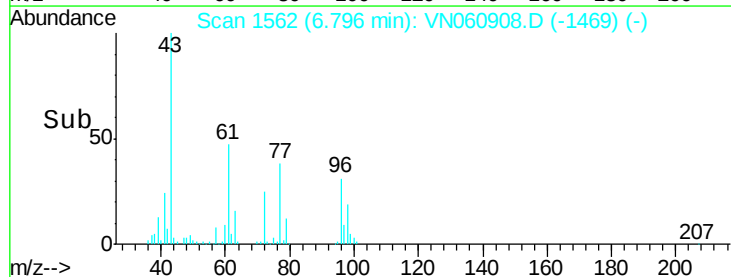
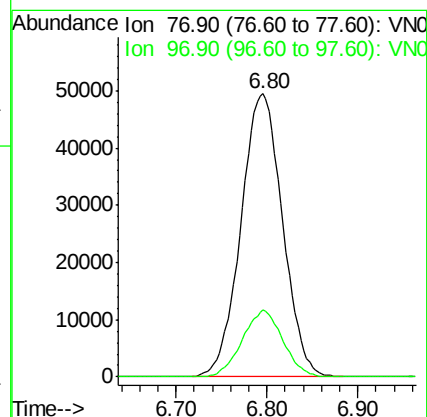
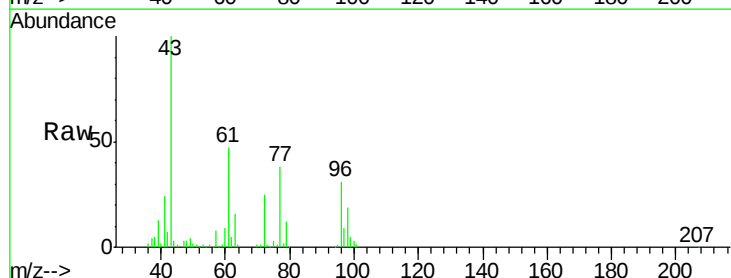
Acq: 8 Apr 2020 17:56

Tgt Ion: 77 Resp: 156976

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





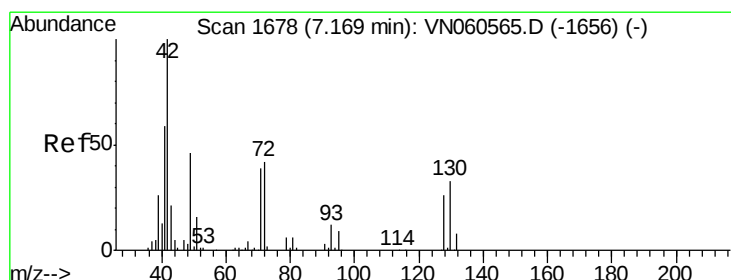
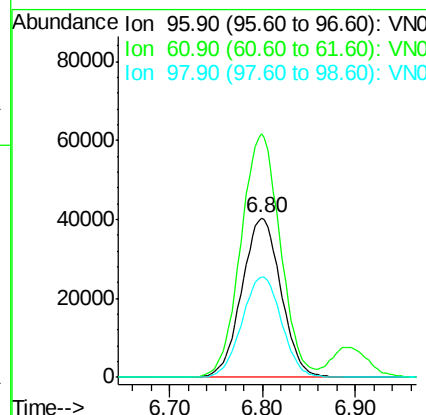
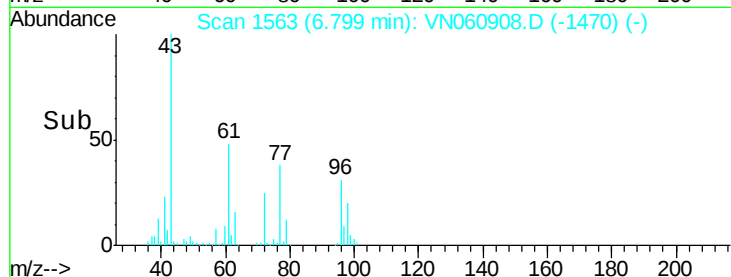
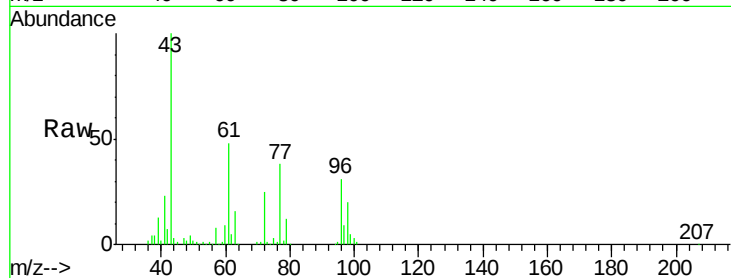
#27
 cis-1,2-Dichloroethene
 Concen: 47.533 ug/l
 RT: 6.80 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	154.0	0.0	305.6
98	64.0	0.0	127.6

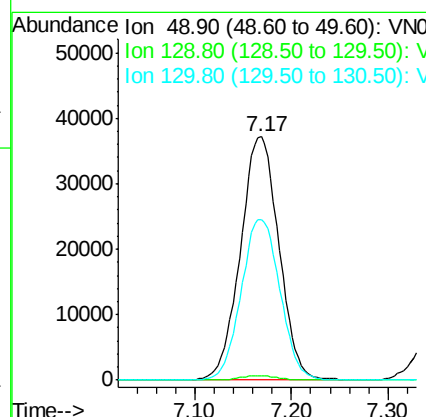
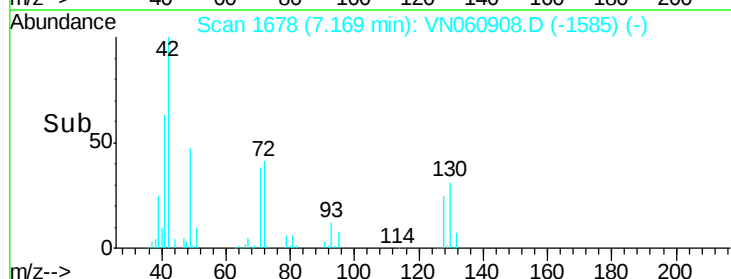
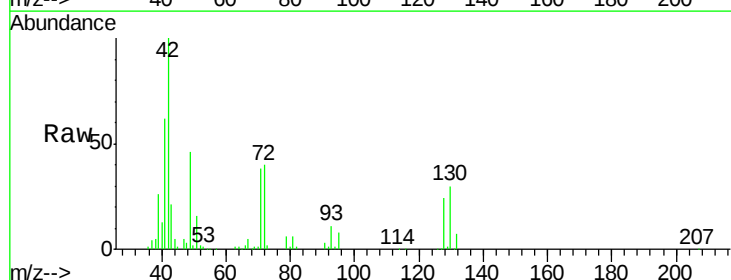
Manual Integrations
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#28
 Bromochloromethane
 Concen: 51.794 ug/l
 RT: 7.17 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	3.4
130	66.3	55.0	82.4





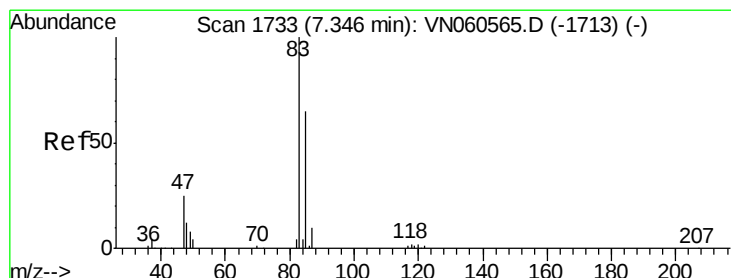
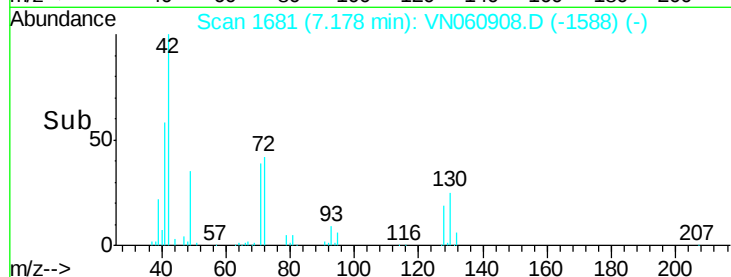
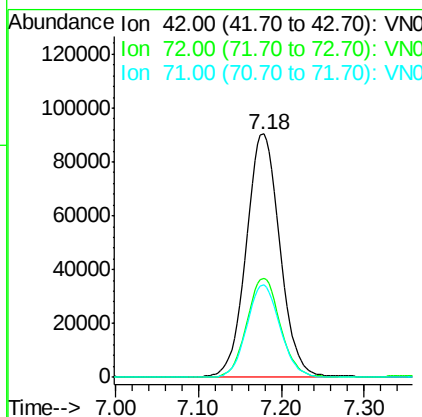
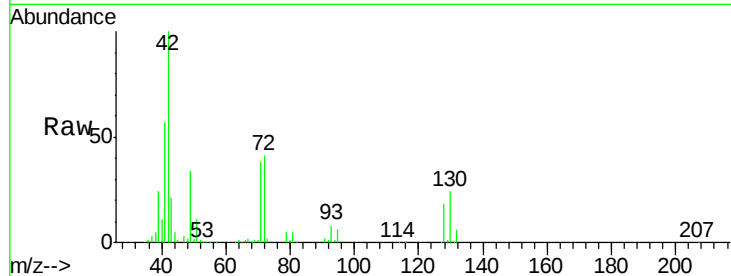
#29
Tetrahydrofuran
Concen: 242.290 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	33.2	49.8
71	37.7	31.1	46.7

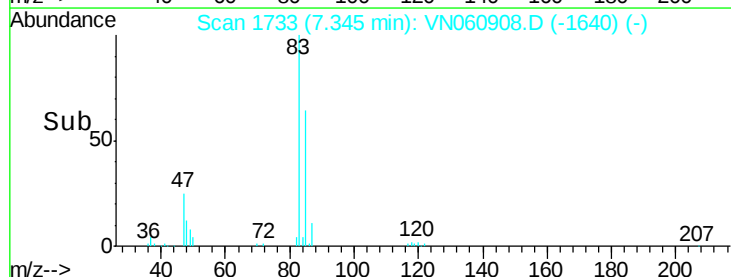
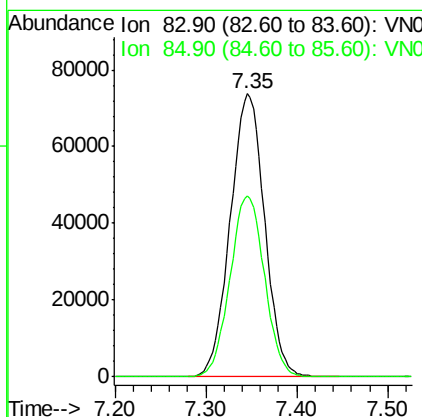
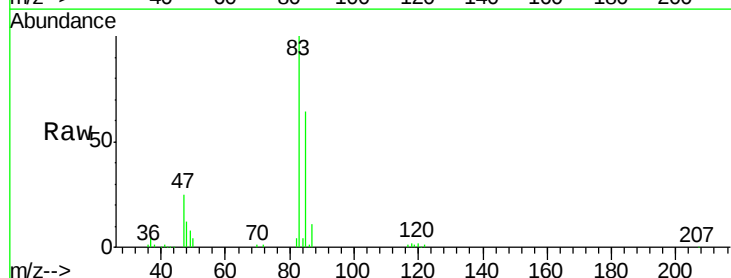
Manual Integrations
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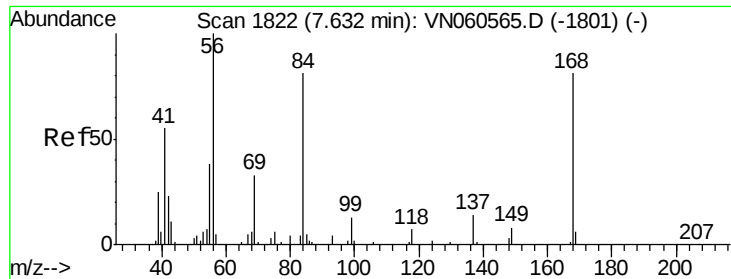
apatel
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#30
Chloroform
Concen: 48.639 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.8	77.8





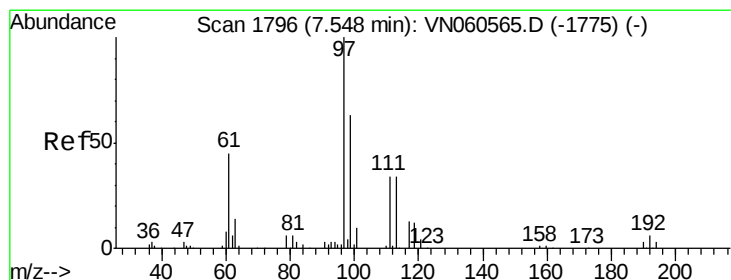
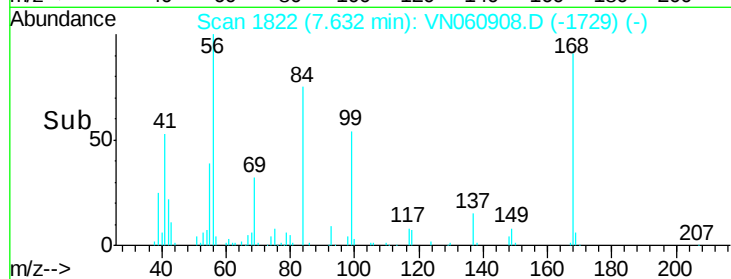
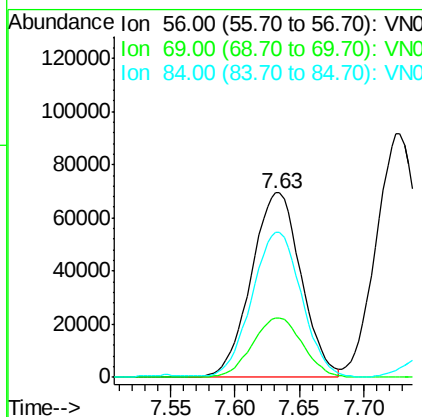
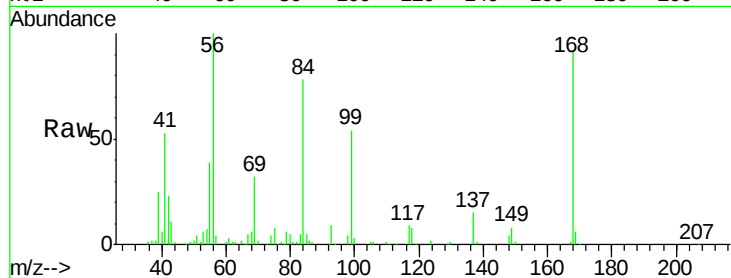
#31
Cyclohexane
Concen: 44.708 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.3	26.6	40.0
84	77.3	64.3	96.5

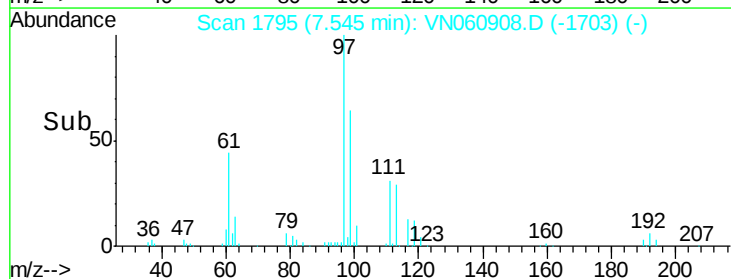
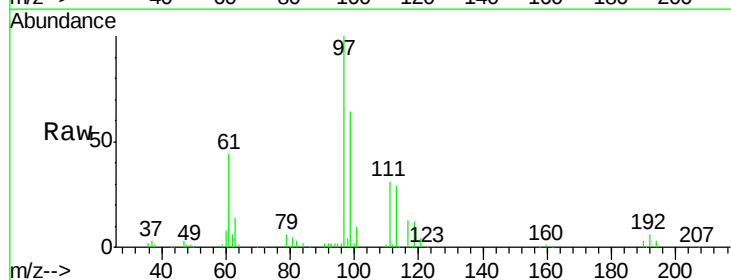
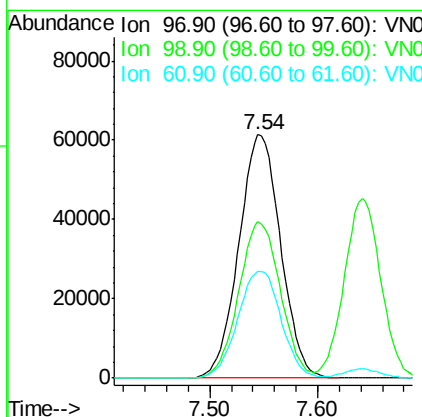
Manual Integrations
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#32
1,1,1-Trichloroethane
Concen: 48.211 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.6	75.8
61	45.4	36.2	54.4





#33

1,2-Dichloroethane-d4

Concen: 48.944 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 127150

Ion Ratio Lower Upper

65 100

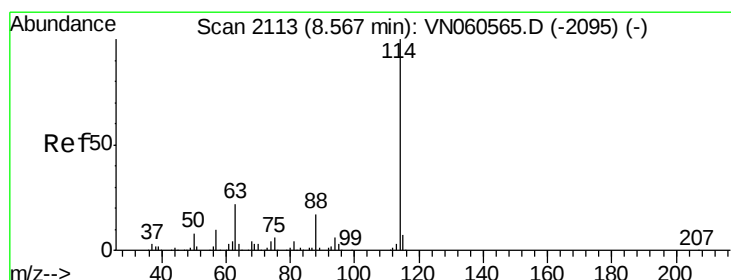
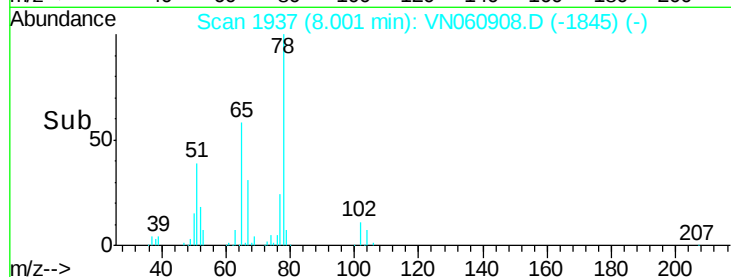
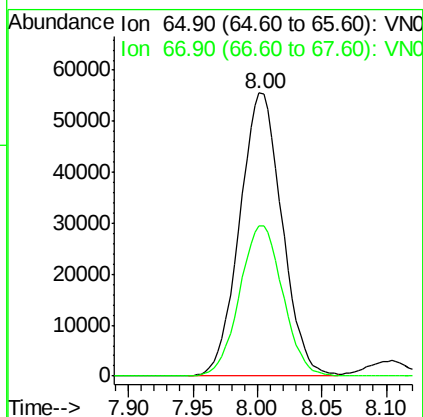
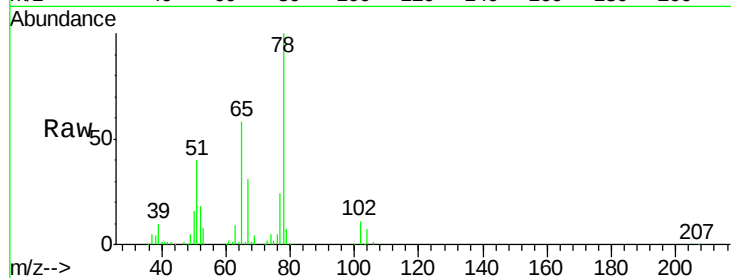
67 54.0 0.0 107.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

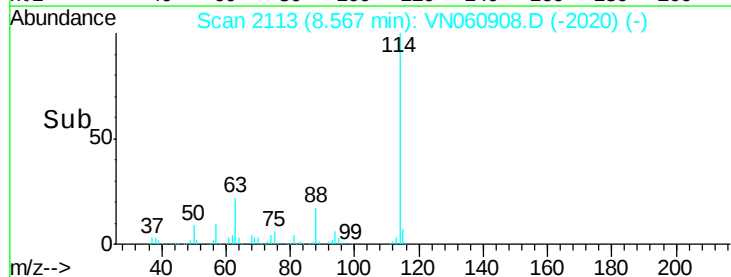
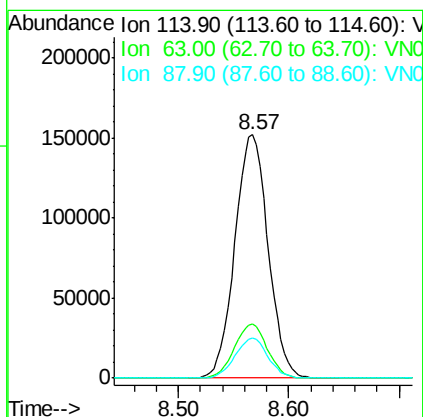
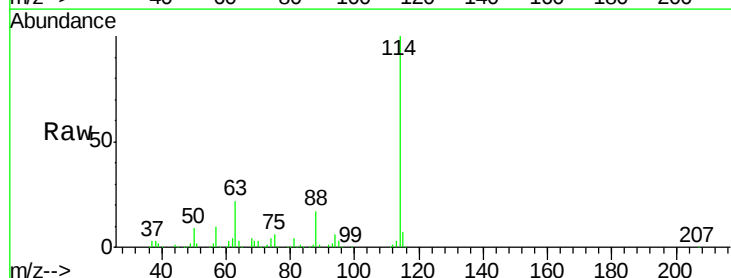
Tgt Ion: 114 Resp: 316807

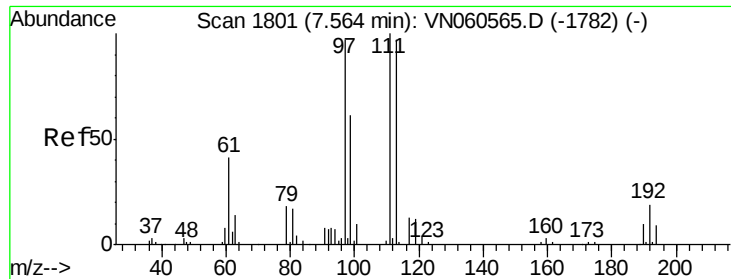
Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.8

88 16.6 0.0 33.0





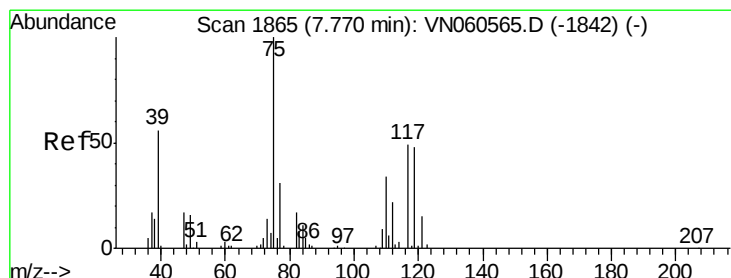
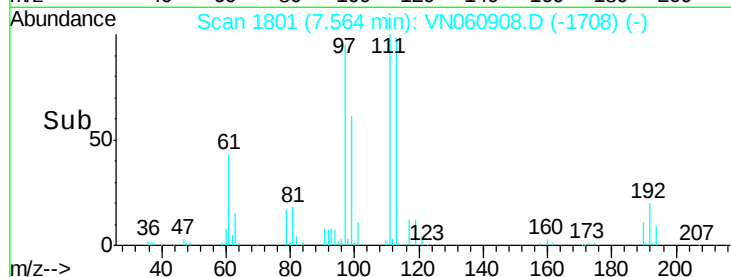
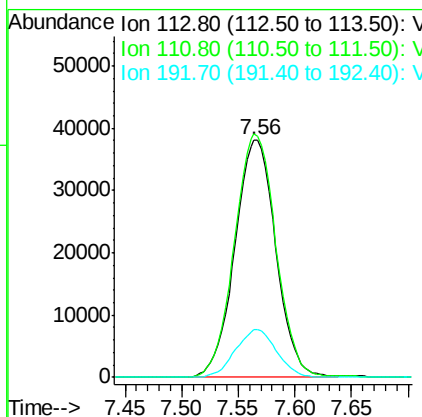
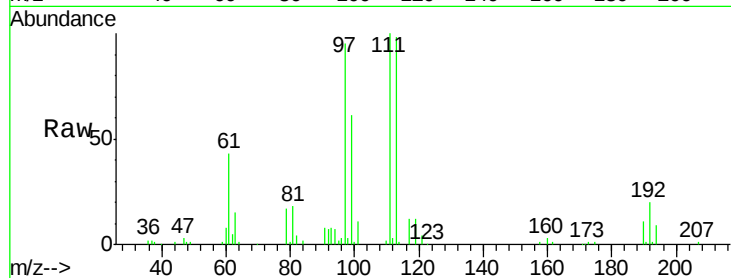
#35
Dibromofluoromethane
Concen: 50.195 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.1	82.9	124.3
192	20.0	15.8	23.8

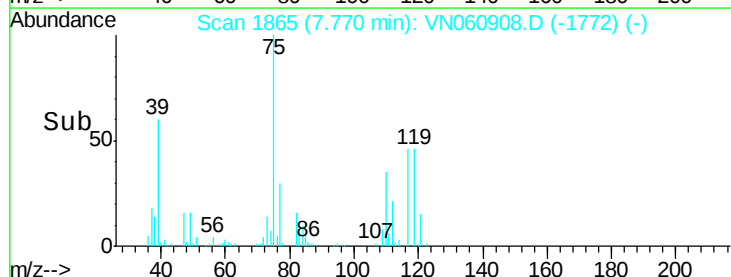
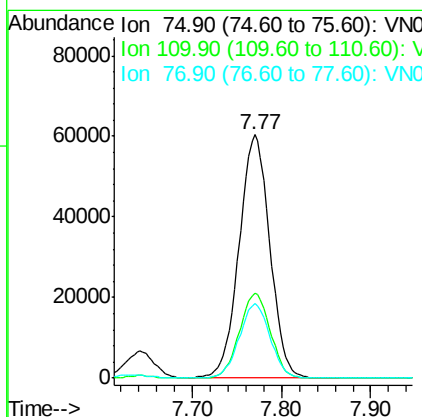
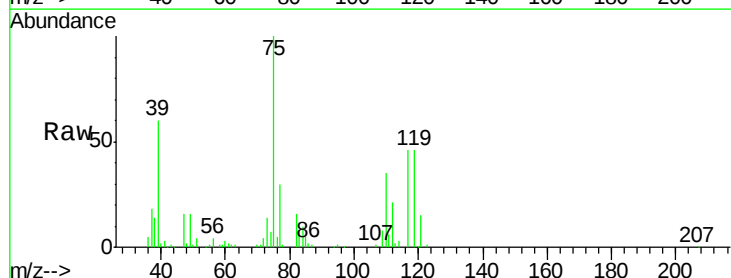
Manual Integrations
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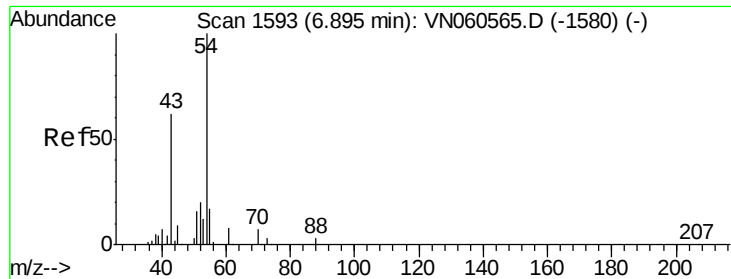
apatel
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#36
1,1-Dichloropropene
Concen: 47.115 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.7	16.9	50.6
77	30.7	24.6	36.8





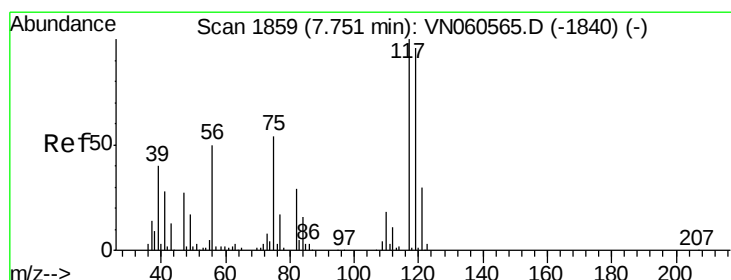
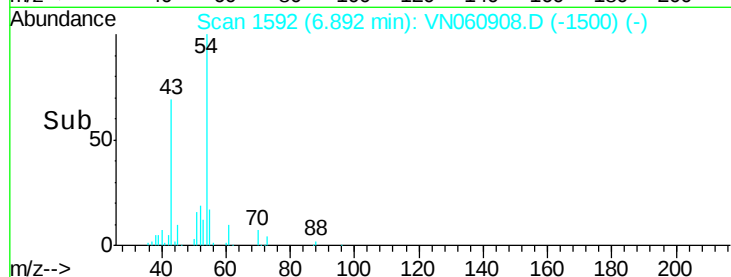
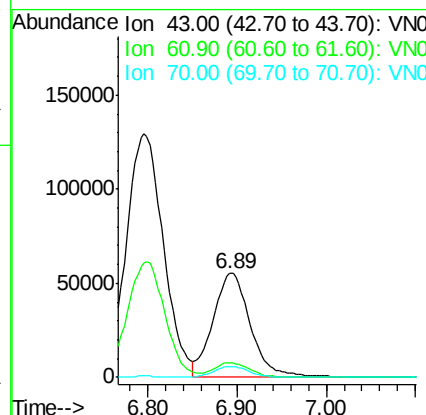
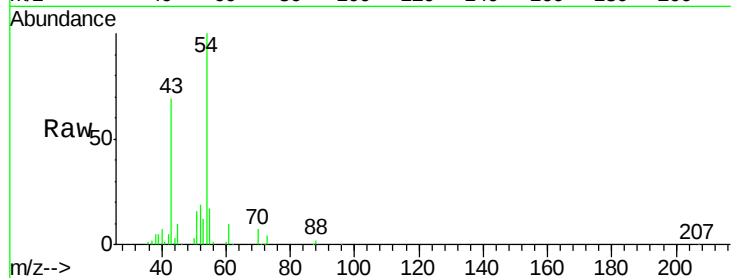
#37
Ethyl Acetate
Concen: 48.077 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.6	15.8
70	10.1	7.9	11.9

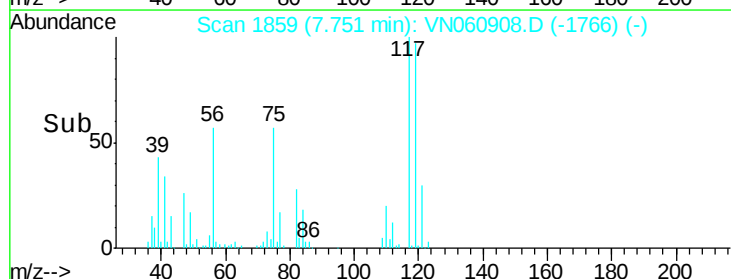
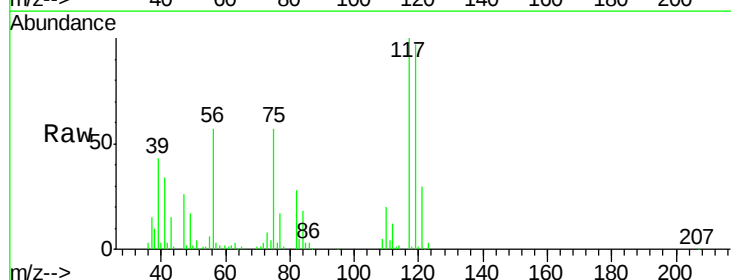
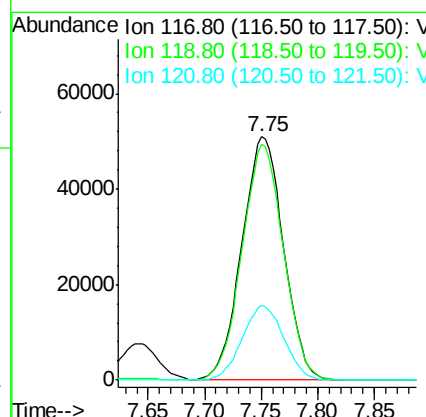
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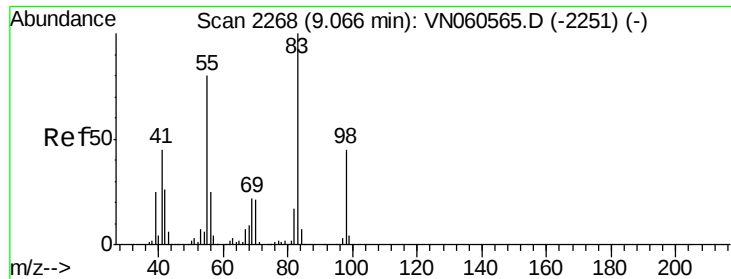
apatel
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#38
Carbon Tetrachloride
Concen: 47.504 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	76.2	114.2
121	30.5	23.7	35.5





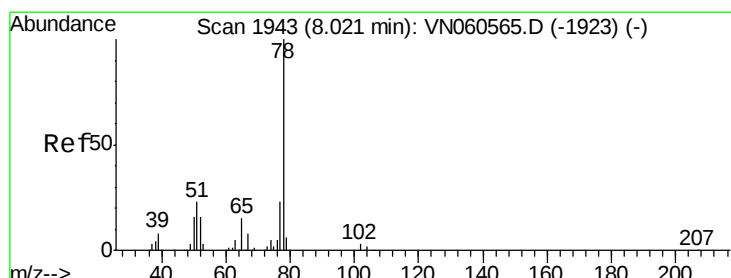
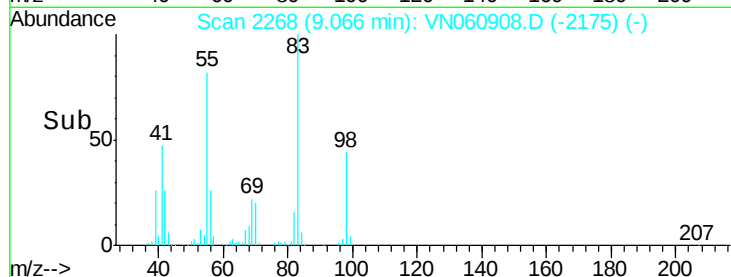
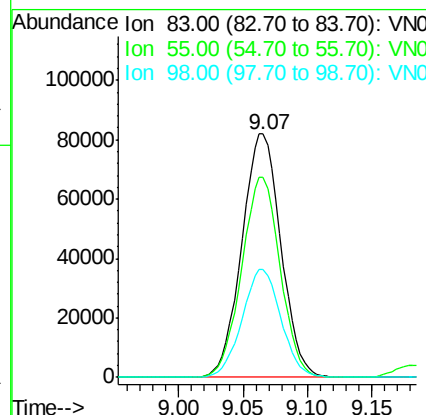
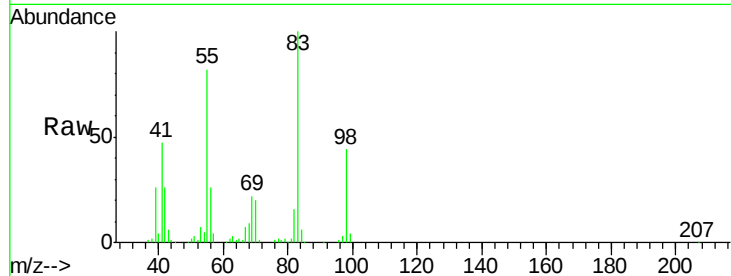
#39
Methvlcvclohexane
Concen: 47.441 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	172950		
55	82.4	63.6	95.4	
98	44.3	36.0	54.0	

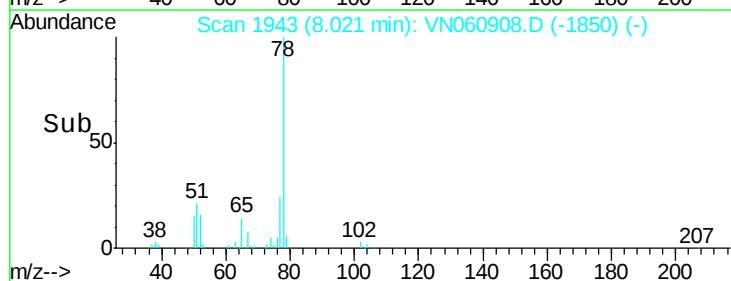
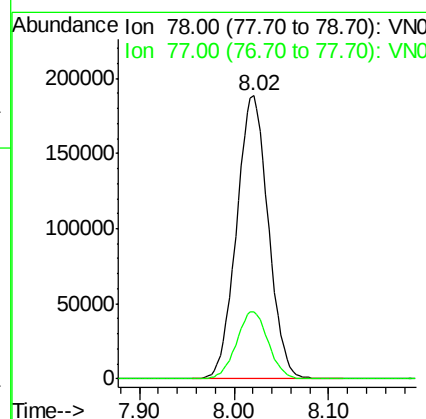
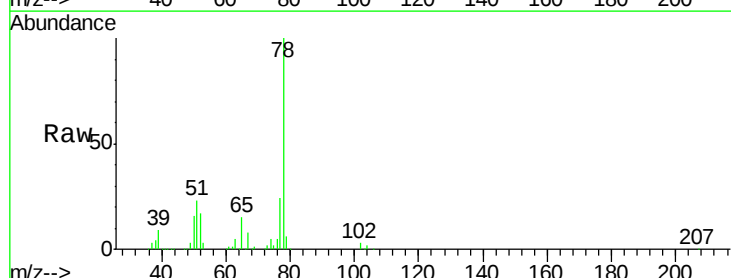
Manual Integrations
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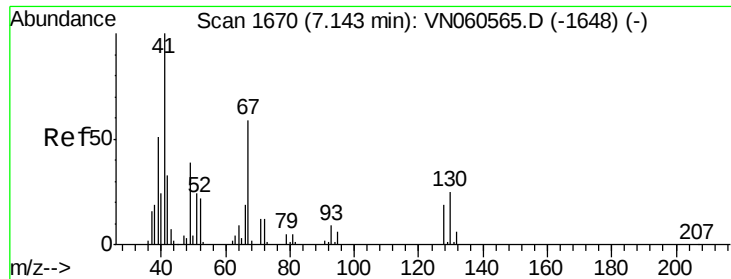
apatel
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#40
Benzene
Concen: 47.401 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	438960		
77	23.8	18.6	28.0	





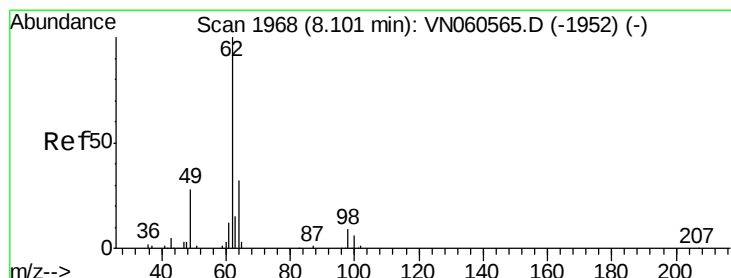
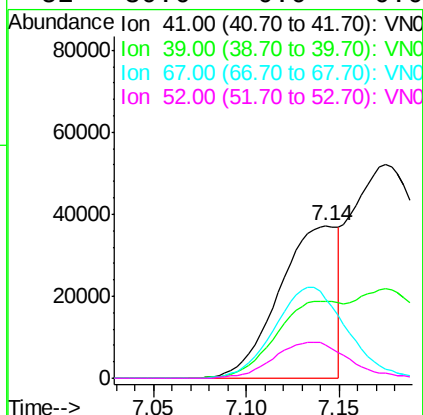
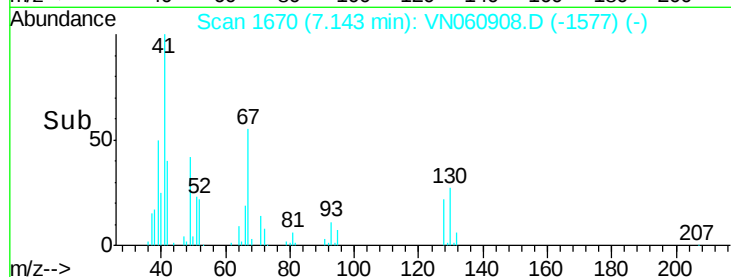
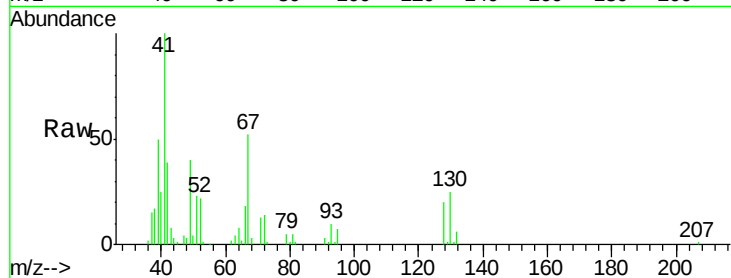
#41
Methacrylonitrile
Concen: 57.927 ug/l
RT: 7.14 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	56.5	0.0	0.0#		
67	73.9	0.0	0.0#		
52	30.6	0.0	0.0#		

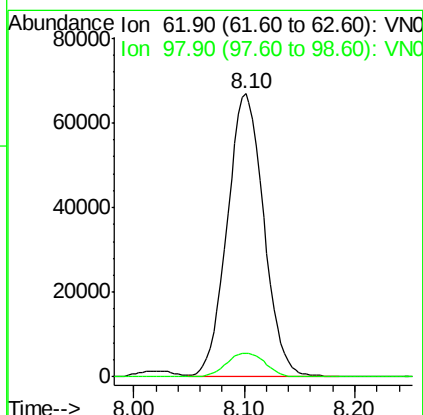
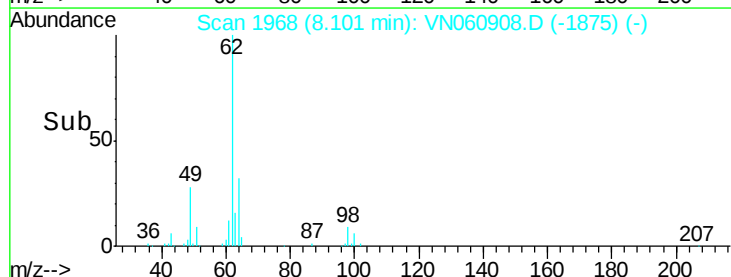
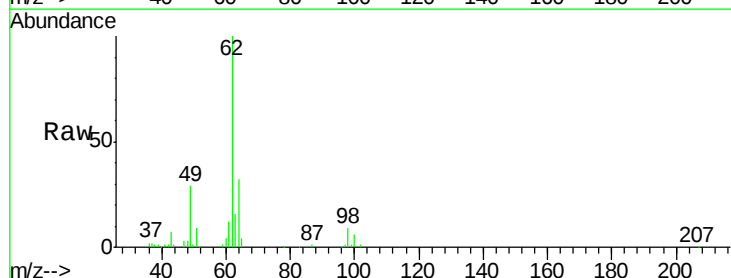
Manual Integrations
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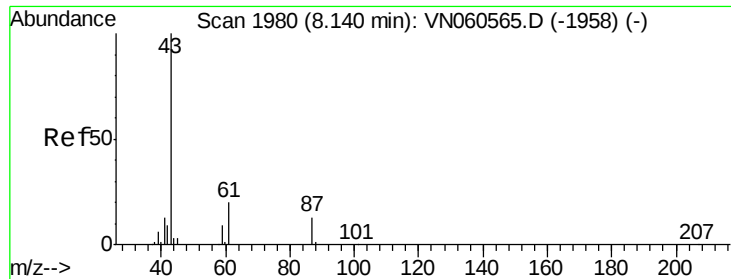
apatel
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#42
1,2-Dichloroethane
Concen: 48.694 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	8.8	0.0	17.8		





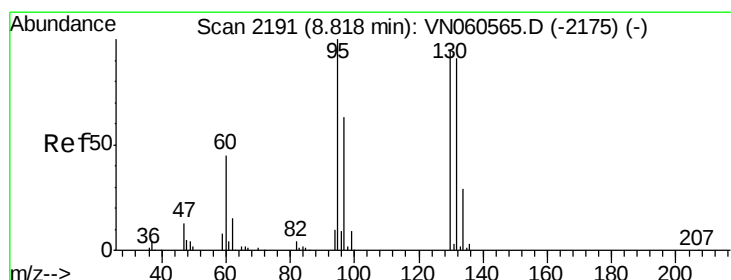
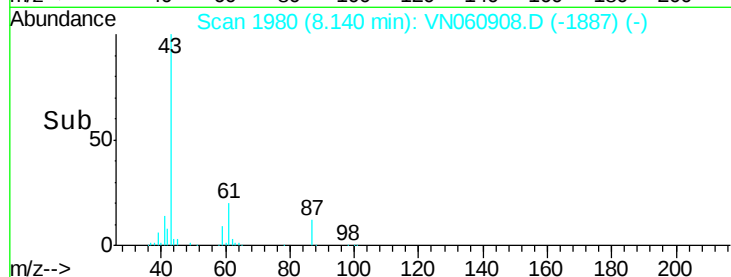
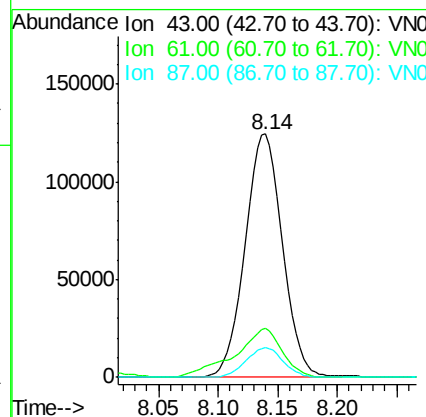
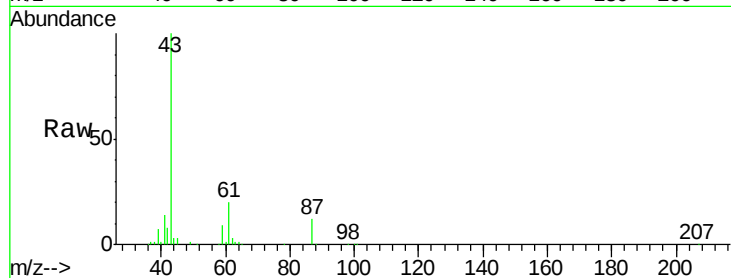
#43
Isopropyl Acetate
Concen: 49.618 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	25.5	20.7	31.1
87	12.0	9.8	14.8

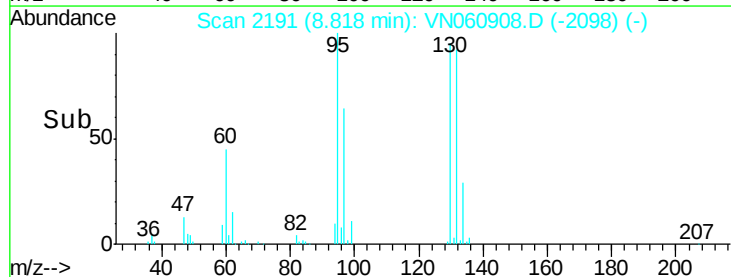
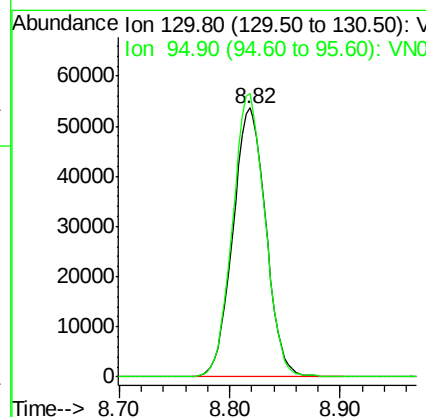
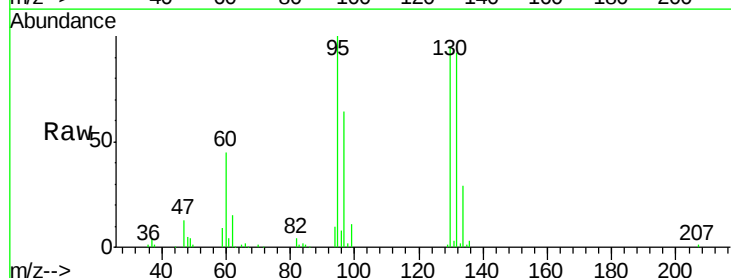
Manual Integrations
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#44
Trichloroethene
Concen: 47.674 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	211.2





#45

1,2-Dichloropropane

Concen: 50.298 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 122906

Ion Ratio Lower Upper

63 100

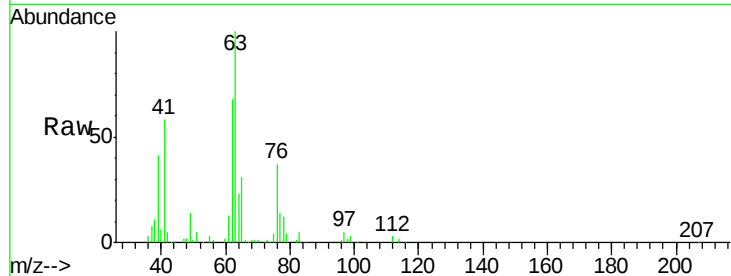
65 31.0 25.4 38.0

Manual Integrations

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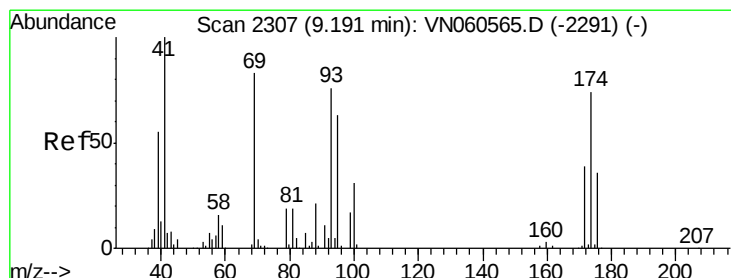
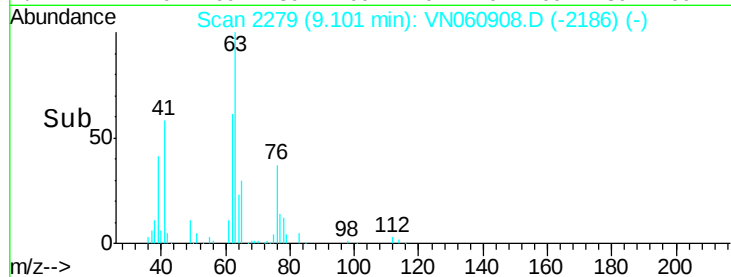
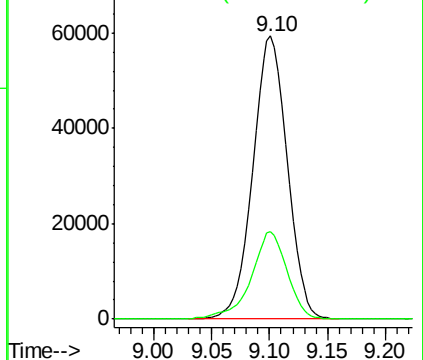
apatel

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Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 49.065 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

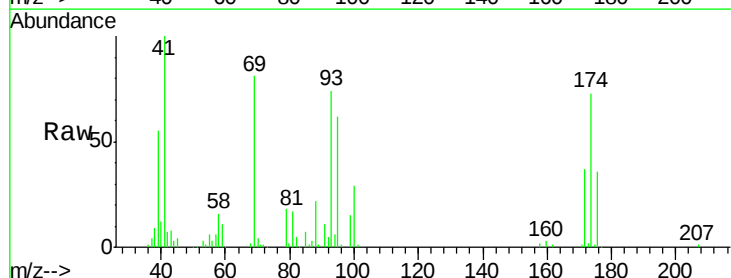
Tgt Ion: 93 Resp: 72483

Ion Ratio Lower Upper

93 100

95 82.7 66.2 99.4

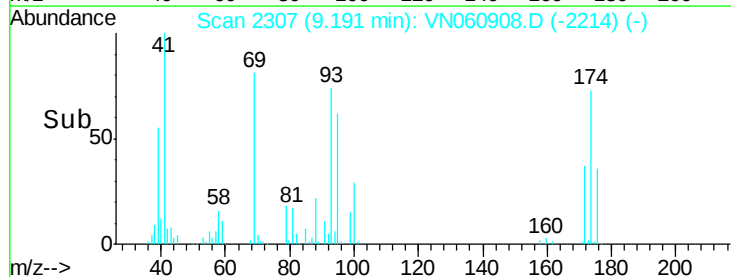
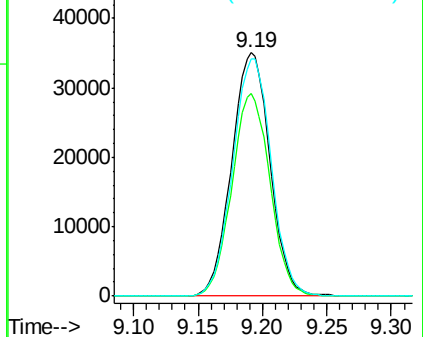
174 98.2 77.9 116.9



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.129 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

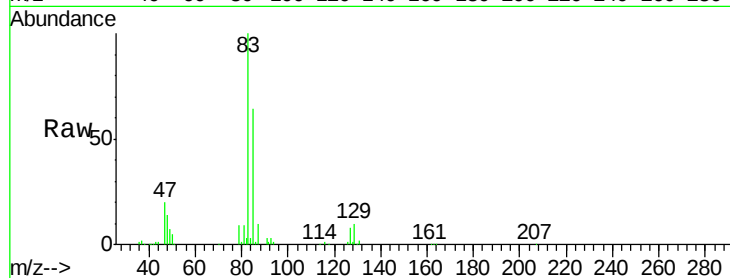
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	153886
Ion	Ratio	Lower	Upper
83	100		
85	64.1	51.8	77.6
127	7.8	6.5	9.7

Manual Integrations
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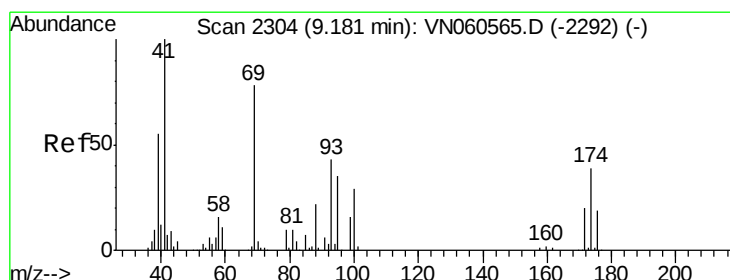
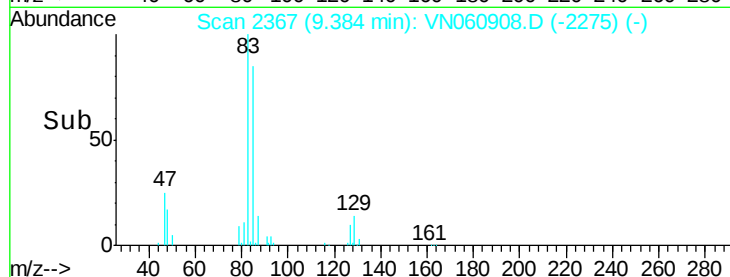
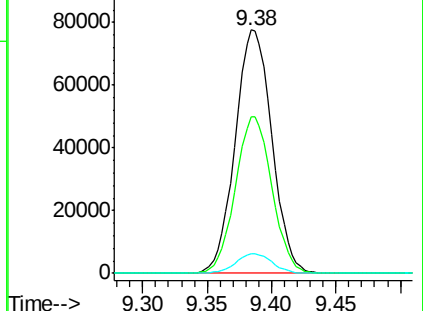
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Abundance Ion 82.90 (82.60 to 83.60): VN060908.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060908.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060908.D (-2275) (-)



#48

Methyl methacrylate

Concen: 49.702 ug/l

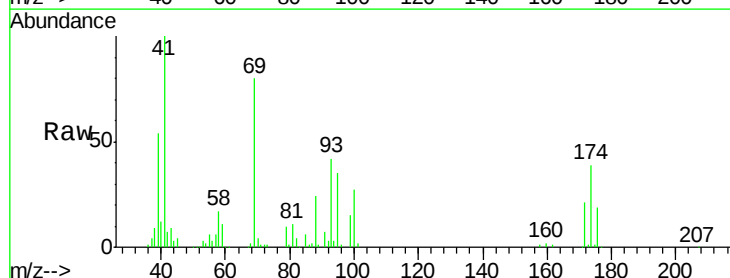
RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

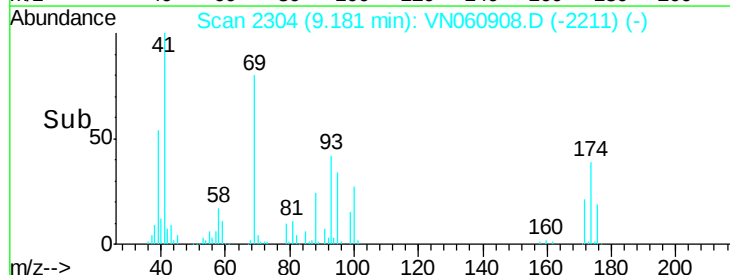
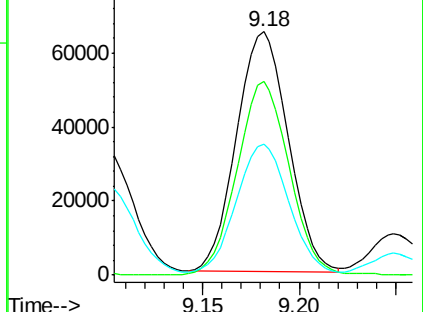
Tgt Ion:	41	Resp:	120968
Ion	Ratio	Lower	Upper
41	100		
69	81.2	65.4	98.0
39	53.6	44.0	66.0



Abundance Ion 41.00 (40.70 to 41.70): VN060908.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060908.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060908.D (-2211) (-)





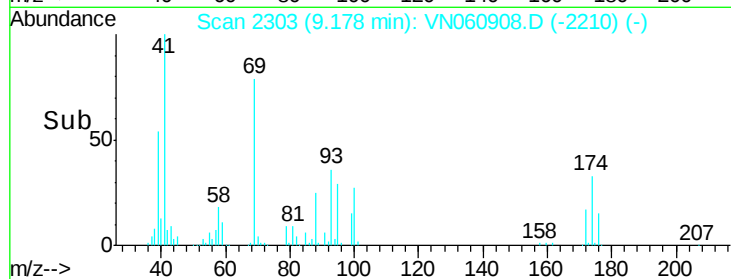
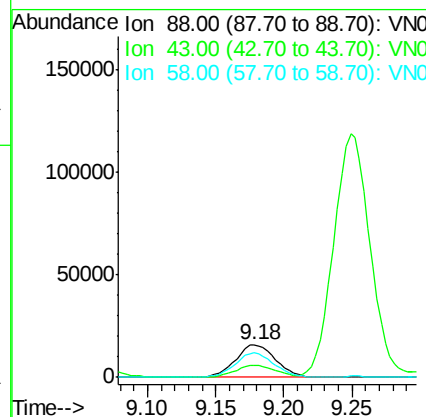
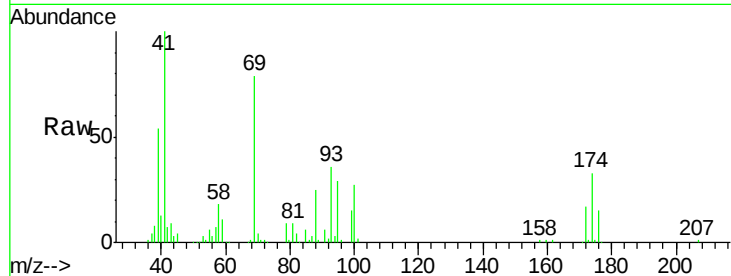
#49
1,4-Dioxane
Concen: 1131.134 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	32723
Ion	Ratio	Lower	Upper
88	100		
43	36.1	30.8	46.2
58	73.1	59.8	89.8

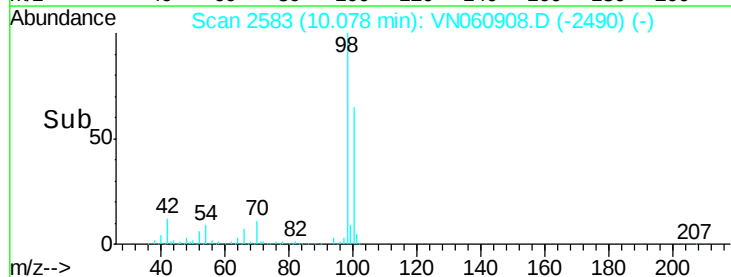
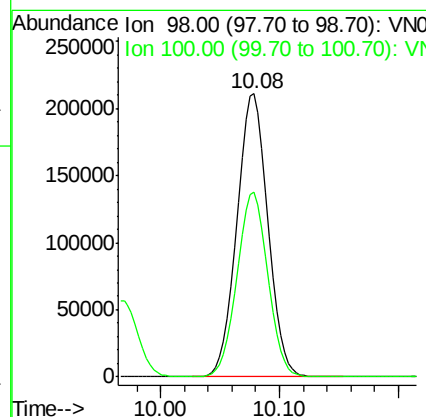
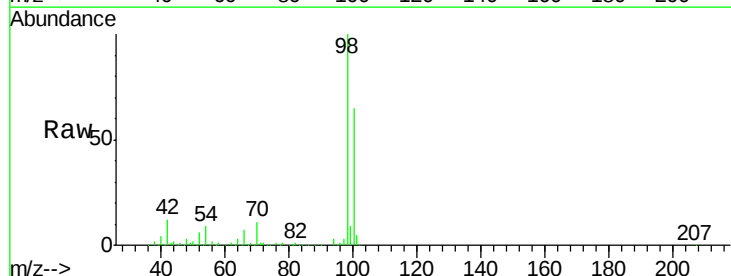
Manual Integrations
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#50
Toluene-d8
Concen: 48.637 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	98	Resp	380567
Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 256.084 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 796605

Ion Ratio Lower Upper

43 100

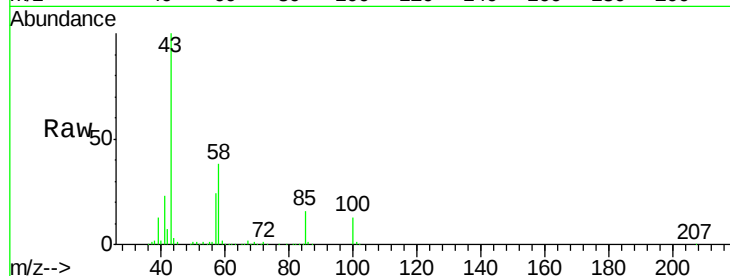
58 38.1 30.8 46.2

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Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-2529) (-)

Ion 58.00 (57.70 to 58.70): VN060565.D (-2529) (-)

9.97

400000

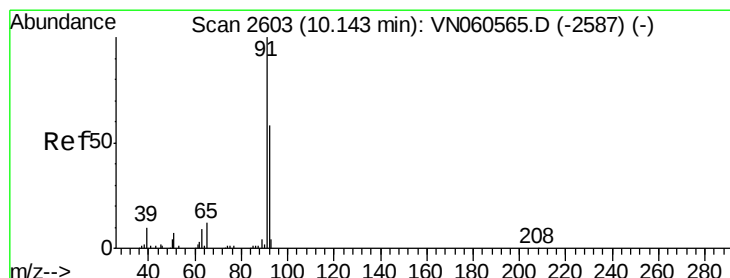
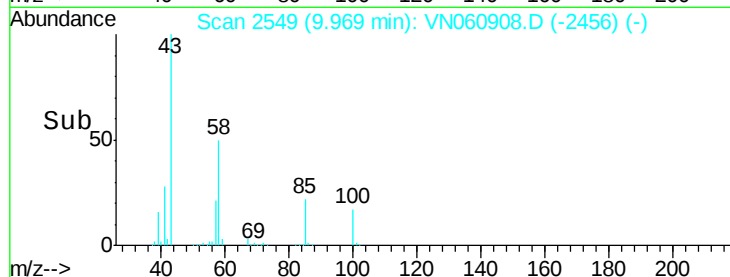
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.295 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060908.D

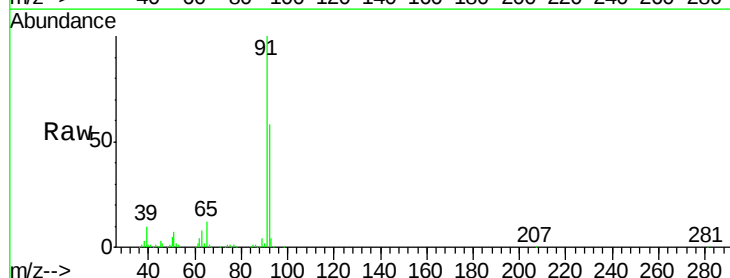
Acq: 8 Apr 2020 17:56

Tgt Ion: 92 Resp: 270101

Ion Ratio Lower Upper

92 100

91 172.8 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060565.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN060565.D (-2587) (-)

10.14

300000

250000

200000

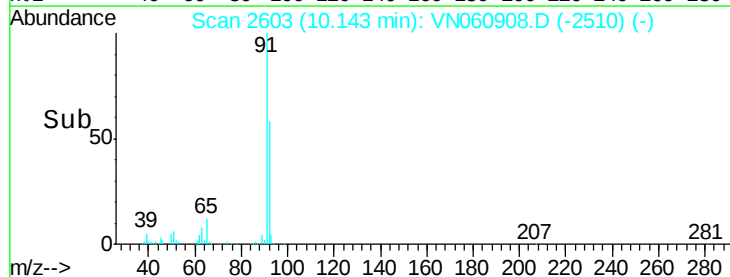
150000

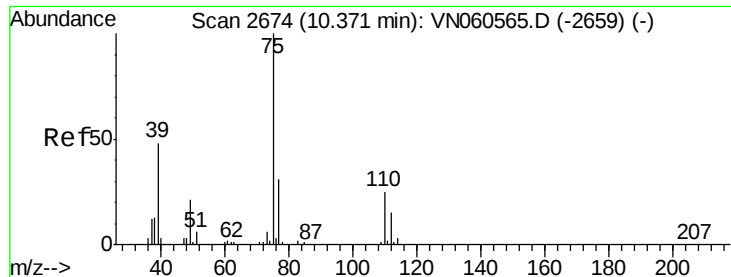
100000

50000

0

Time-->





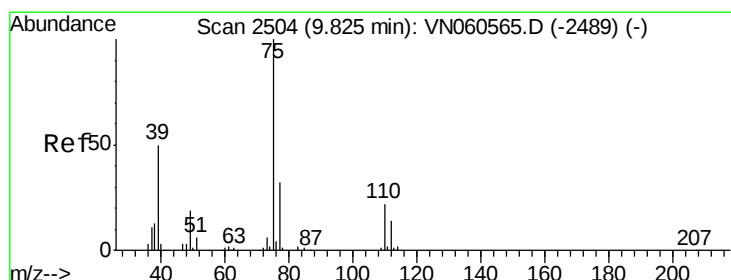
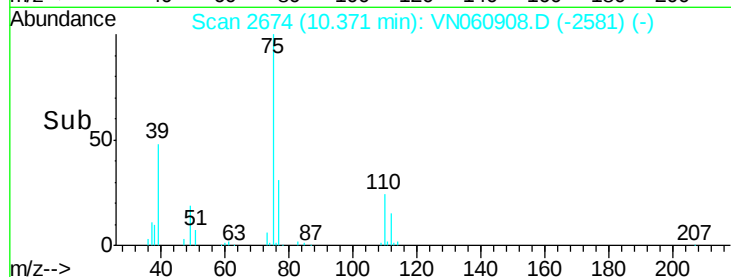
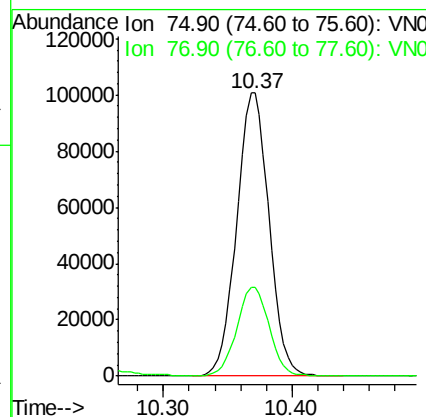
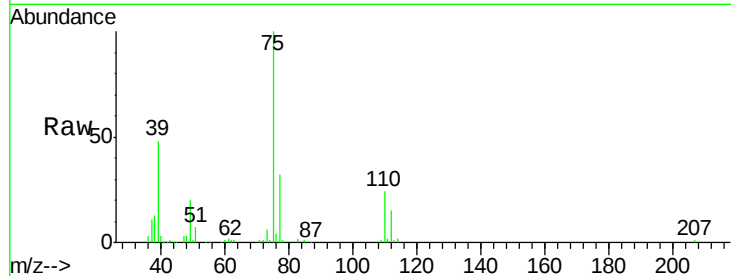
#53
t-1,3-Dichloropropene
Concen: 49.790 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 175570
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7

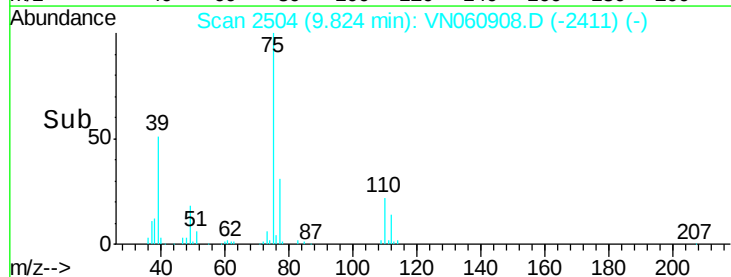
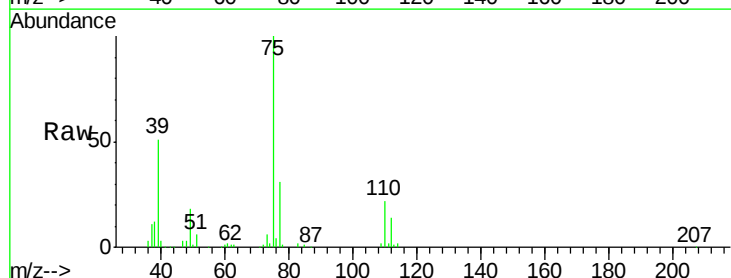
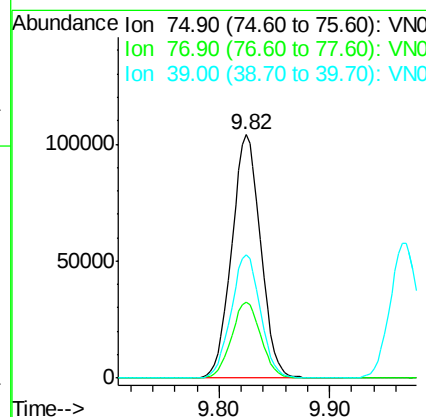
Manual Integrations
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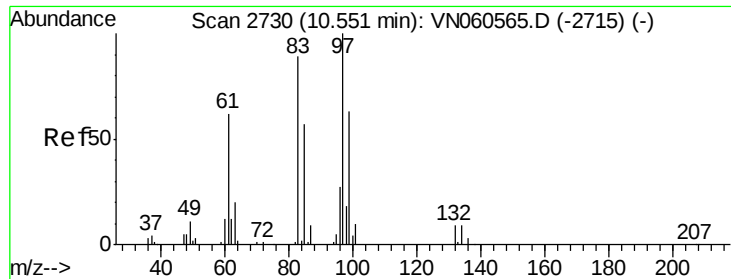
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#54
cis-1,3-Dichloropropene
Concen: 48.805 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 75 Resp: 188798
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.0
39 50.8 40.2 60.4





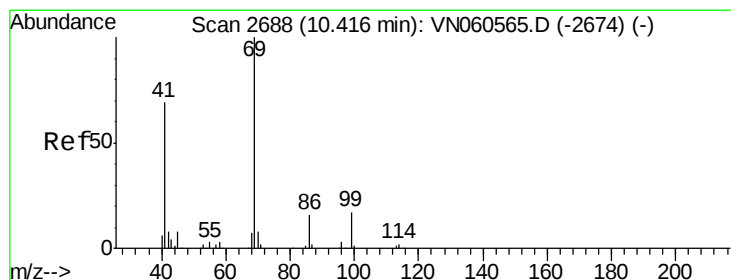
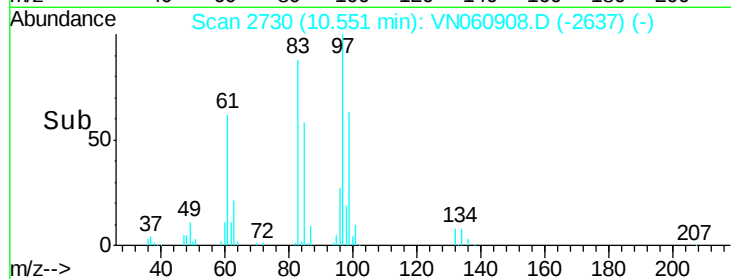
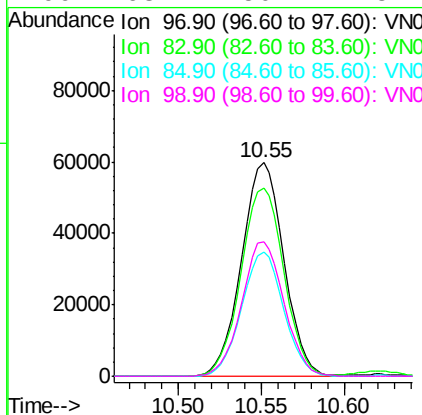
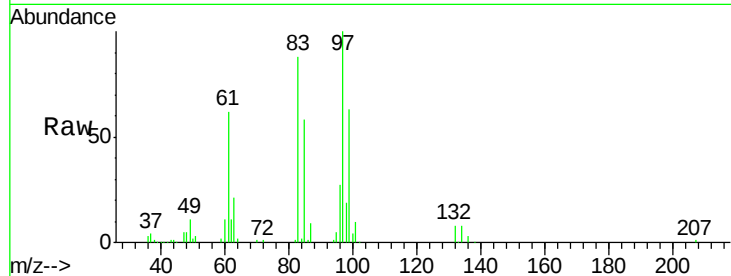
#55
 1,1,2-Trichloroethane
 Concen: 49.244 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	105954
Ion	Ratio	Lower	Upper
97	100		
83	88.2	71.3	106.9
85	58.4	45.2	67.8
99	63.1	50.1	75.1

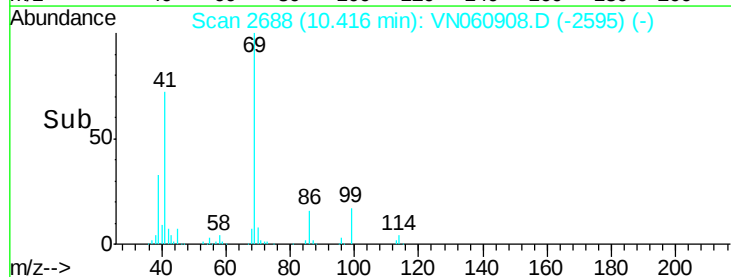
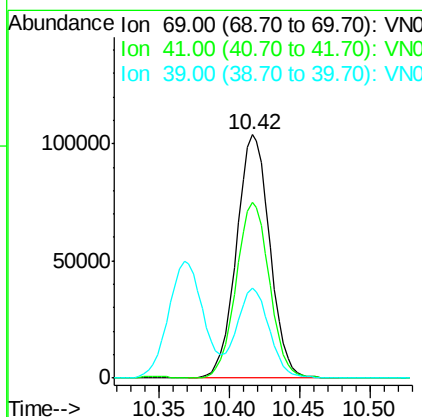
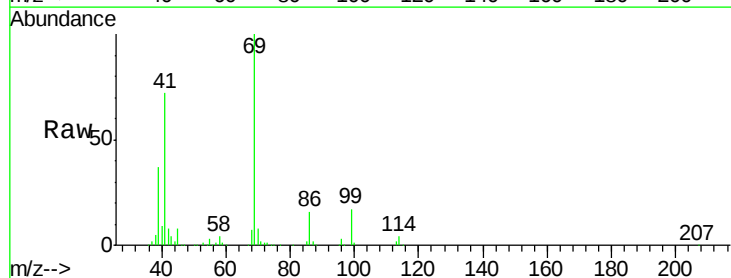
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#56
 Ethyl methacrylate
 Concen: 51.268 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion:	69	Resp:	171996
Ion	Ratio	Lower	Upper
69	100		
41	71.5	55.4	83.2
39	36.6	29.4	44.0





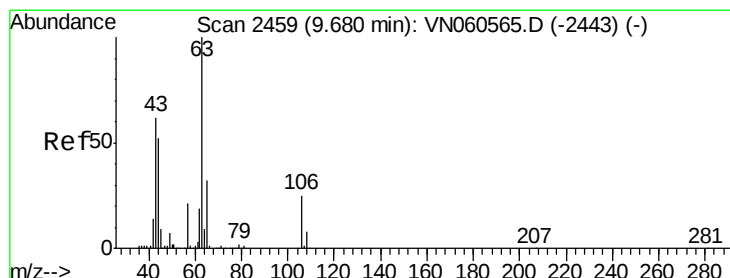
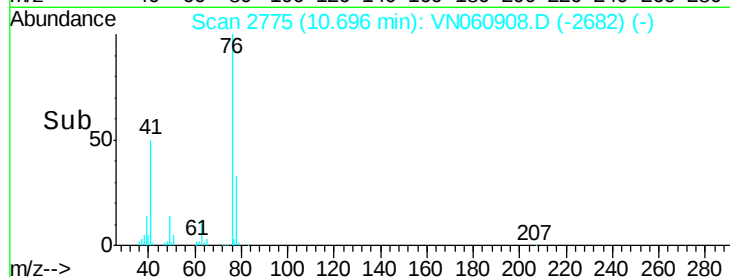
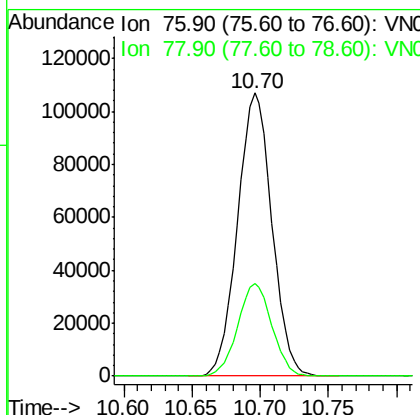
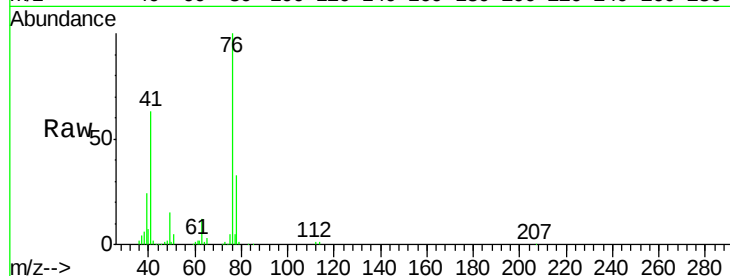
#57
 1,3-Dichloropropane
 Concen: 49.926 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.8	38.6

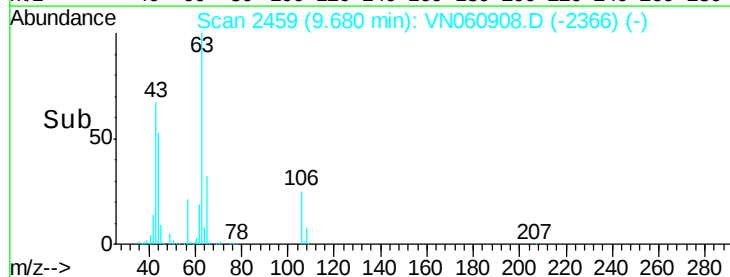
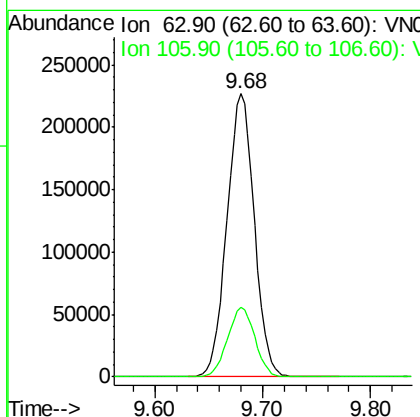
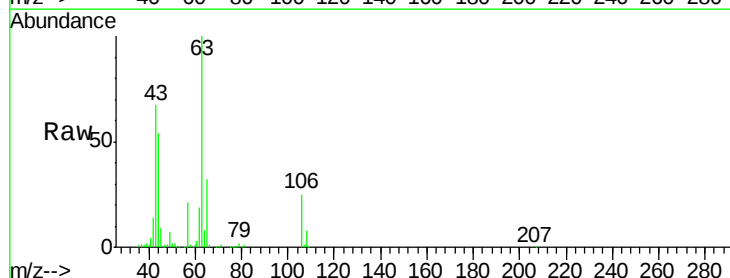
Manual Integrations
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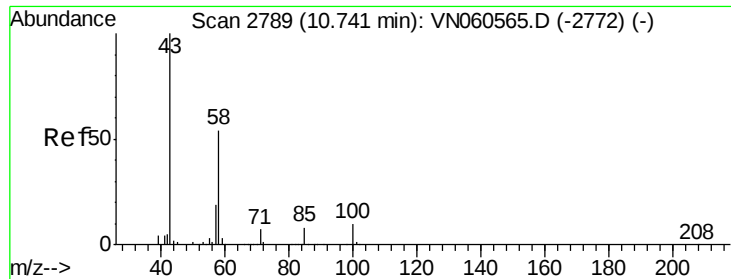
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.312 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.6	20.0	30.0





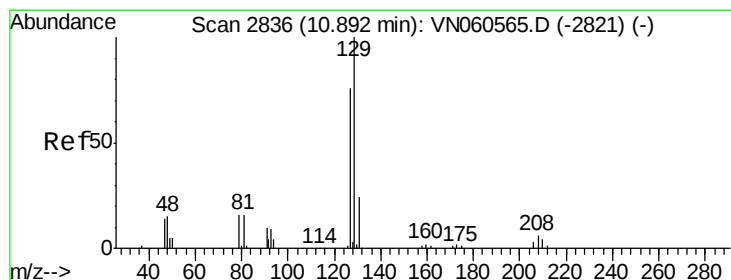
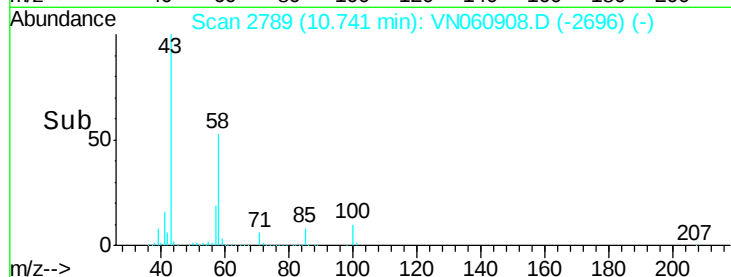
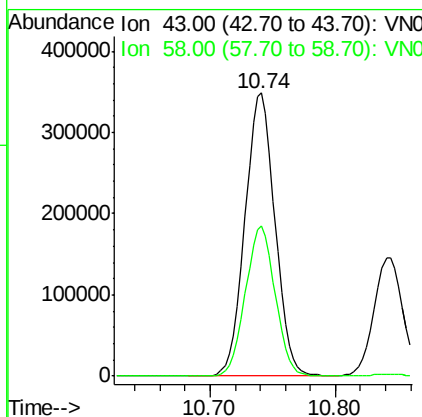
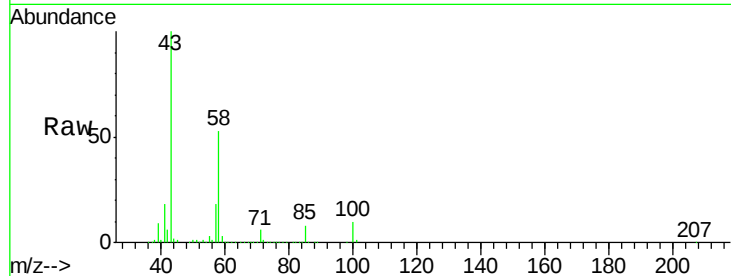
#59
2-Hexanone
Concen: 258.084 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 578317
Ion Ratio Lower Upper
43 100
58 52.8 26.7 80.1

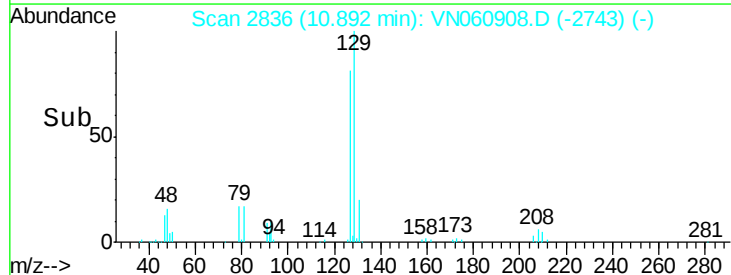
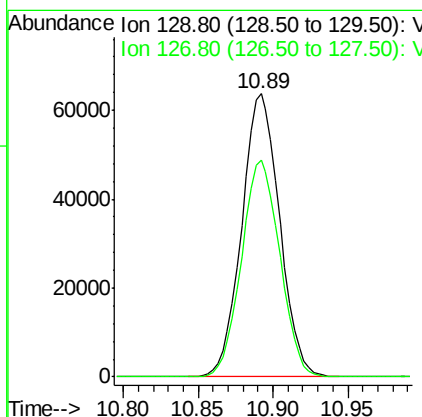
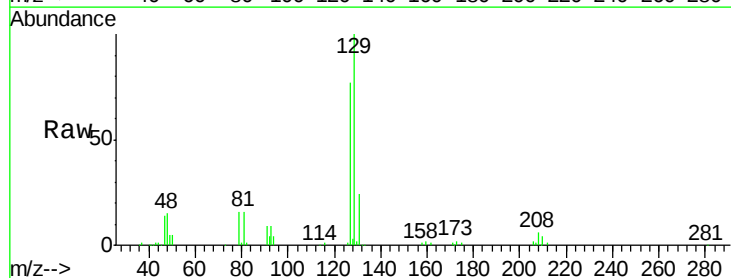
Manual Integrations
APPROVED

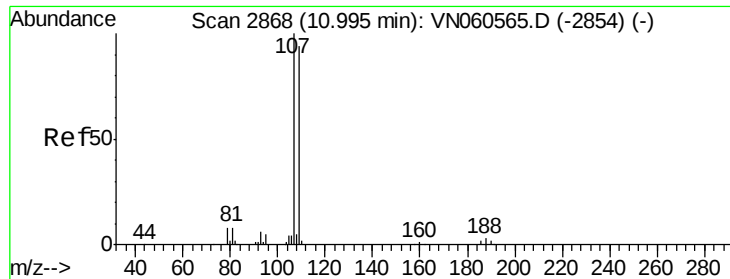
apatel
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#60
Dibromochloromethane
Concen: 50.478 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion: 129 Resp: 112187
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.898 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 107958

Ion Ratio Lower Upper

107 100

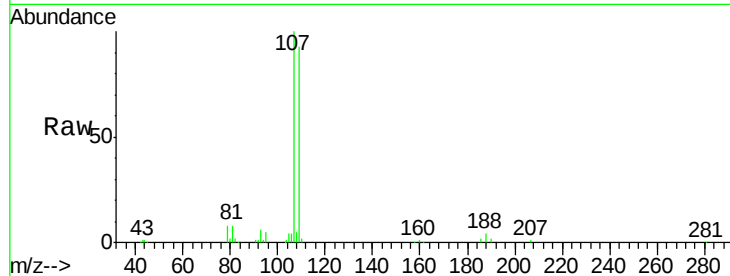
109 93.4 75.4 113.2

Manual Integrations

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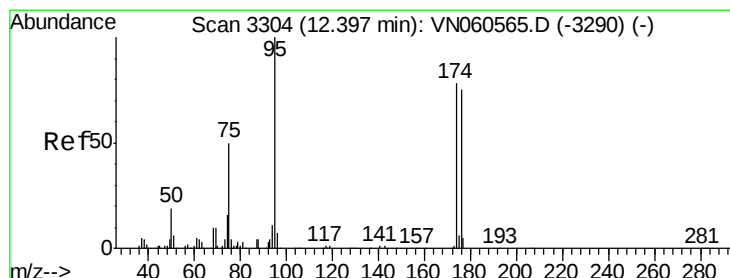
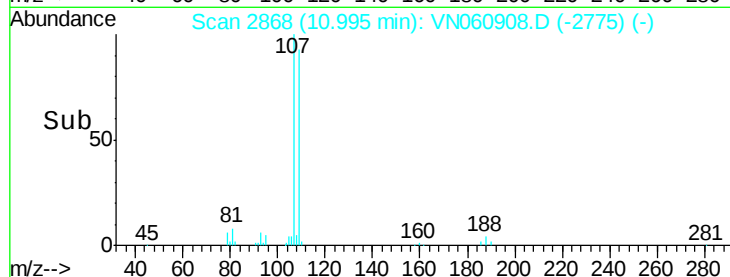
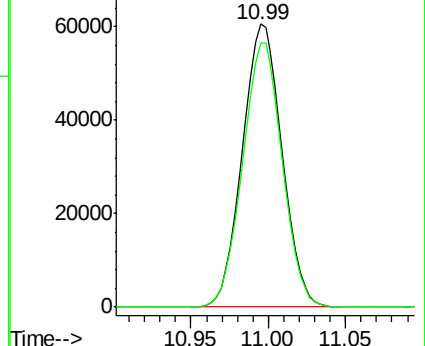
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.446 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

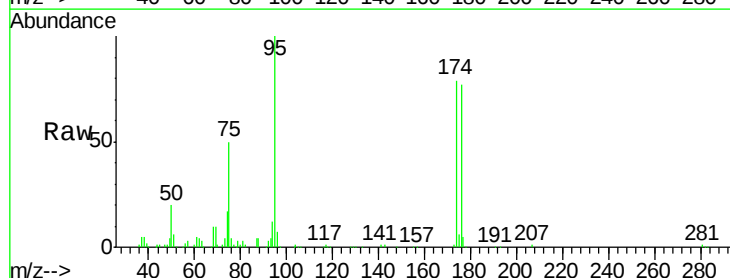
Tgt Ion: 95 Resp: 141791

Ion Ratio Lower Upper

95 100

174 78.0 0.0 157.6

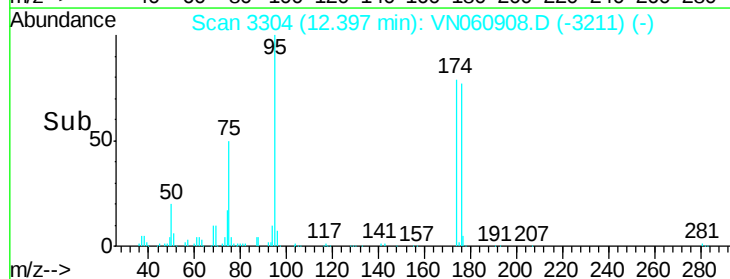
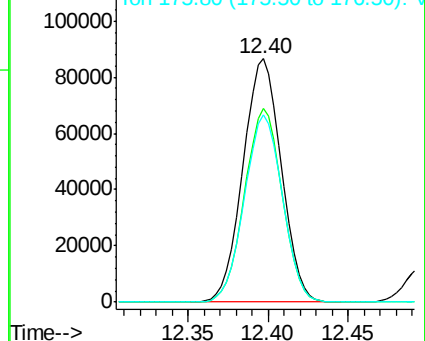
176 76.2 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





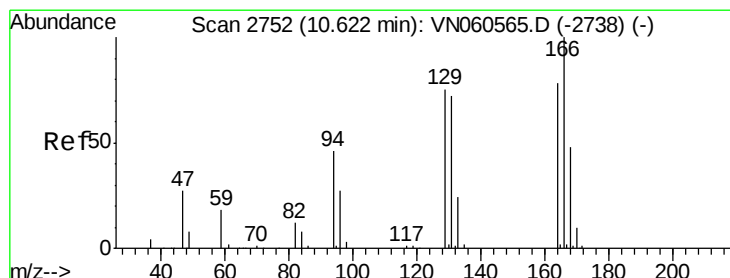
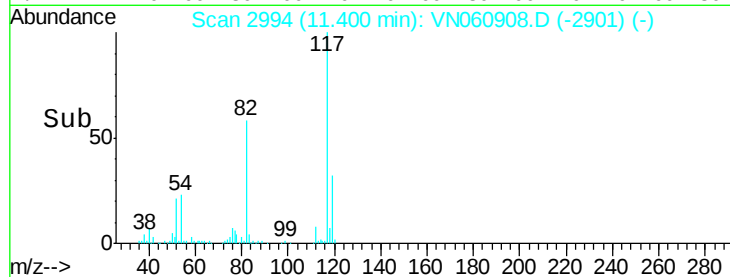
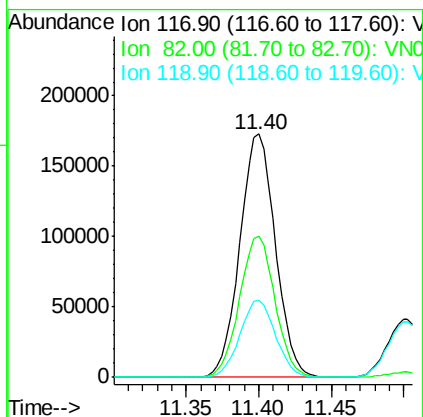
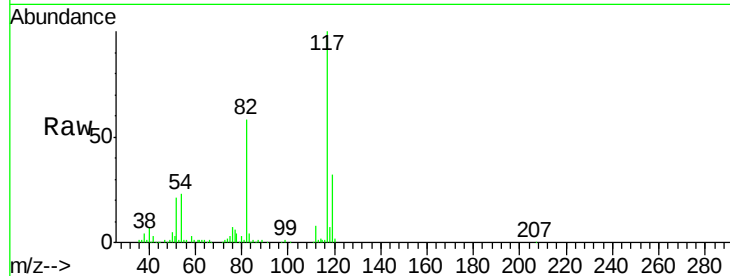
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.7	70.1
119	31.6	25.5	38.3

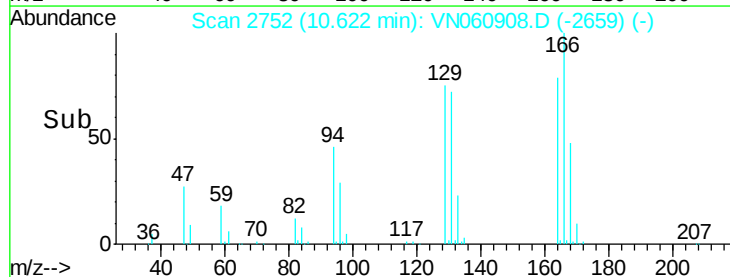
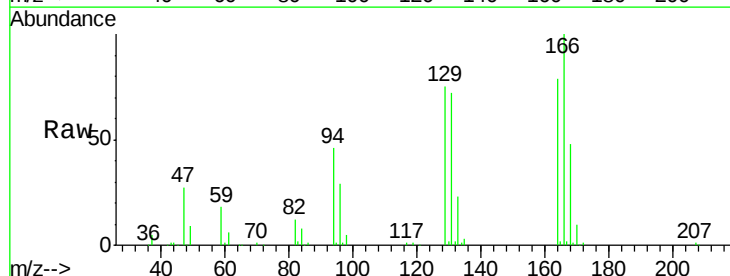
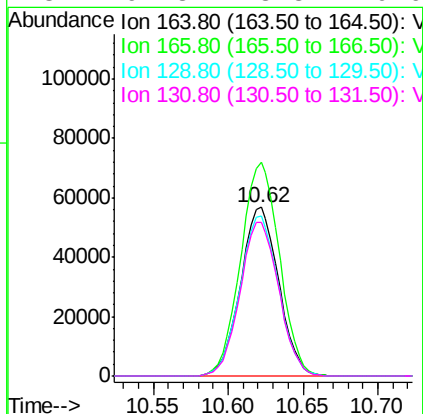
Manual Integrations
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#64
Tetrachloroethene
Concen: 43.564 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.6	102.7	154.1
129	94.5	77.2	115.8
131	91.3	73.8	110.6





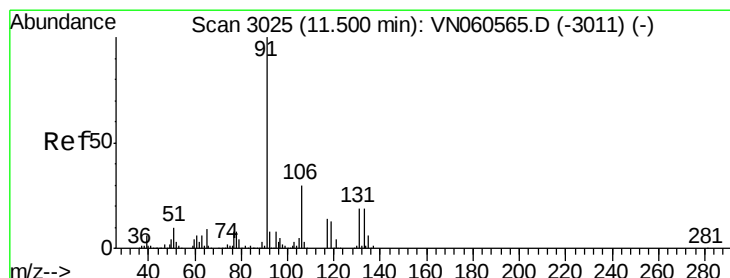
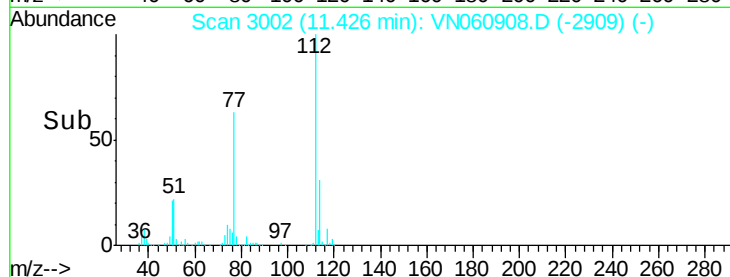
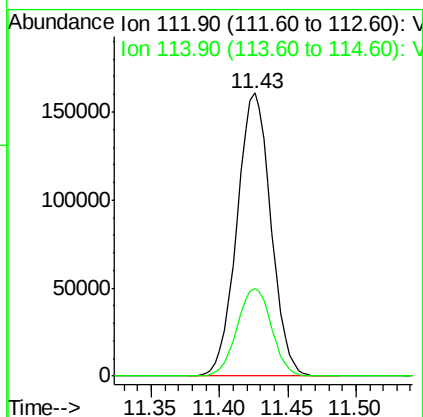
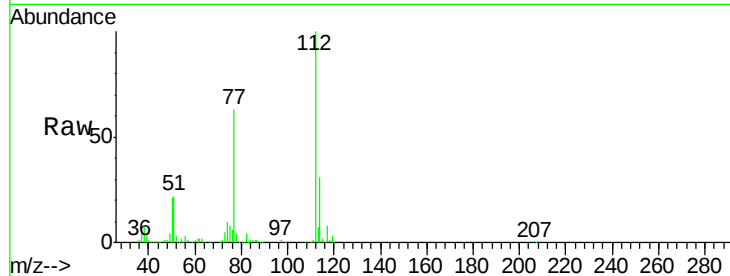
#65
Chlorobenzene
Concen: 47.439 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion:112 Resp: 277286
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6

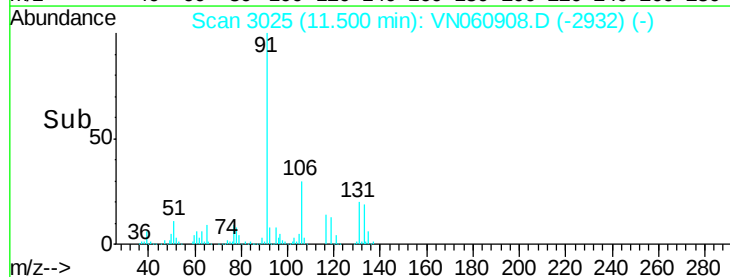
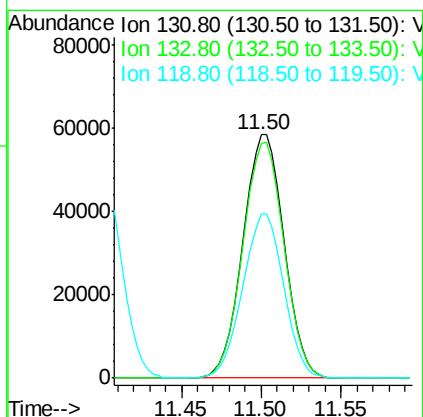
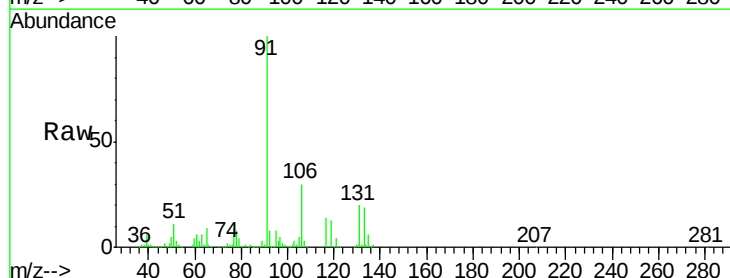
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.445 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion:131 Resp: 102525
Ion Ratio Lower Upper
131 100
133 97.0 48.9 146.8
119 67.0 33.9 101.7





#67

Ethyl Benzene

Concen: 47.951 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 521225

Ion Ratio Lower Upper

91 100

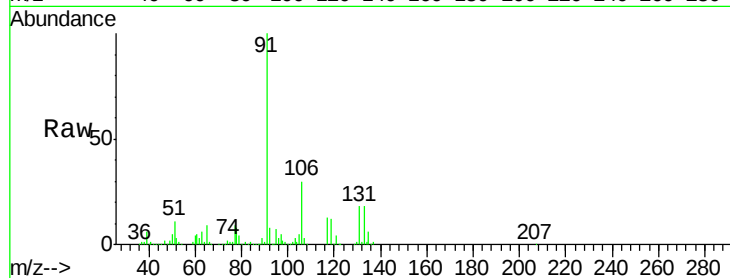
106 30.3 24.2 36.2

Manual Integrations

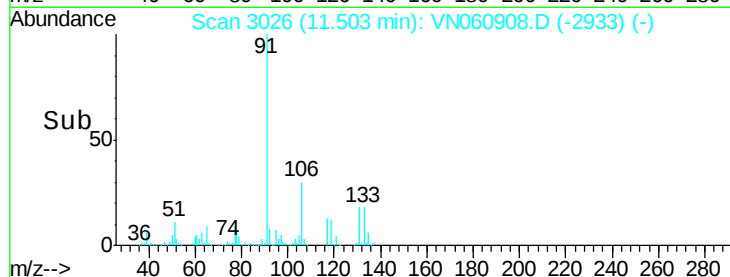
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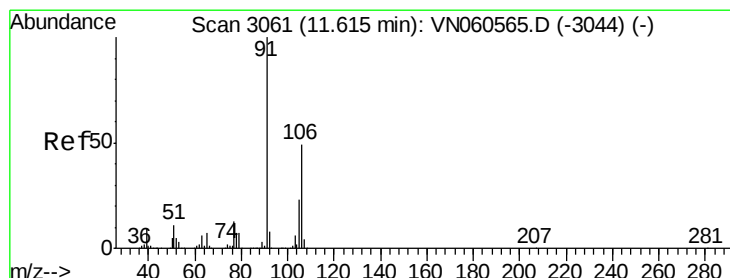
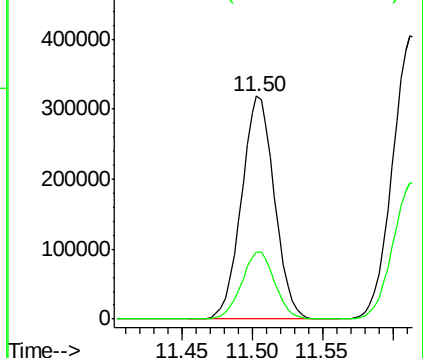
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Abundance Ion 91.00 (90.70 to 91.70): VN060908.D (-2933) (-)



Ion 106.00 (105.70 to 106.70): VN060908.D (-2933) (-)



#68

m/p-Xylenes

Concen: 93.687 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060908.D

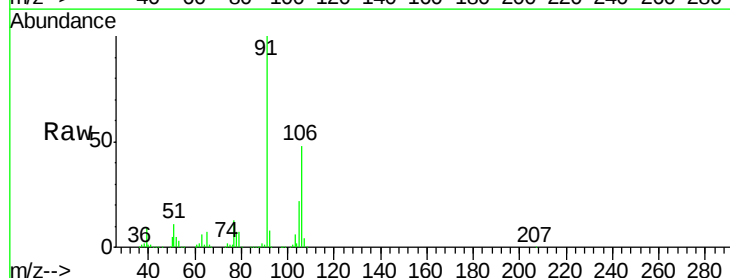
Acq: 8 Apr 2020 17:56

Tgt Ion: 106 Resp: 378430

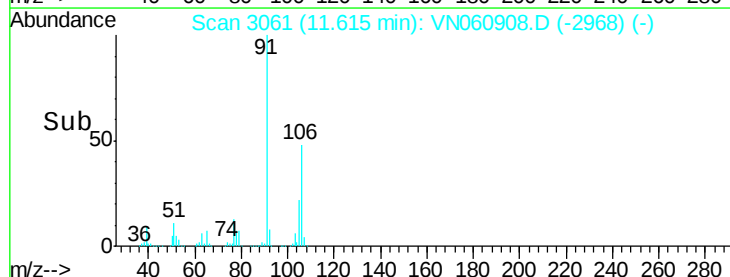
Ion Ratio Lower Upper

106 100

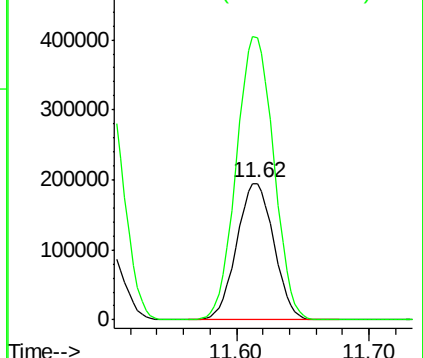
91 208.8 165.0 247.4

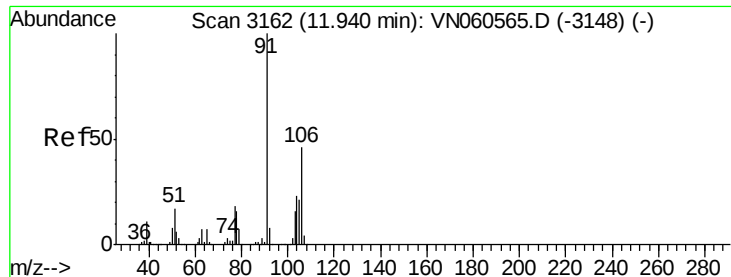


Abundance Ion 106.00 (105.70 to 106.70): VN060908.D (-2968) (-)



Ion 91.00 (90.70 to 91.70): VN060908.D (-2968) (-)





#69

o-Xylene

Concen: 47.565 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion:106 Resp: 183410

Ion Ratio Lower Upper

106 100

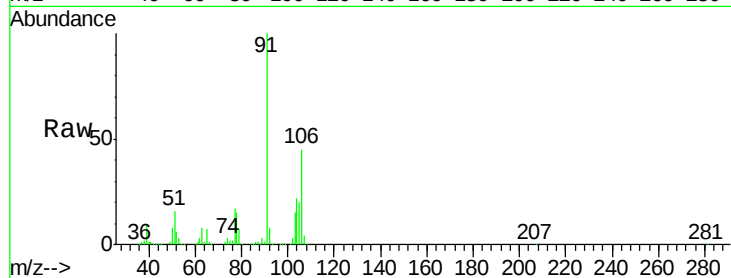
91 221.9 109.5 328.4

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN

250000

200000

150000

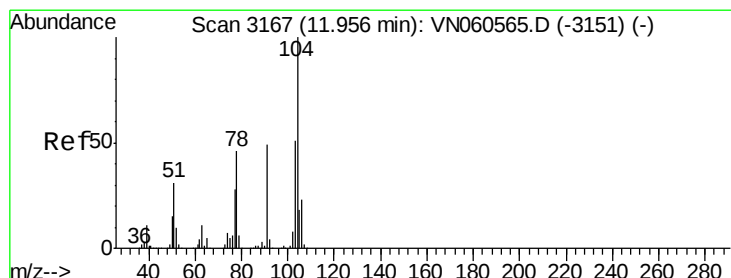
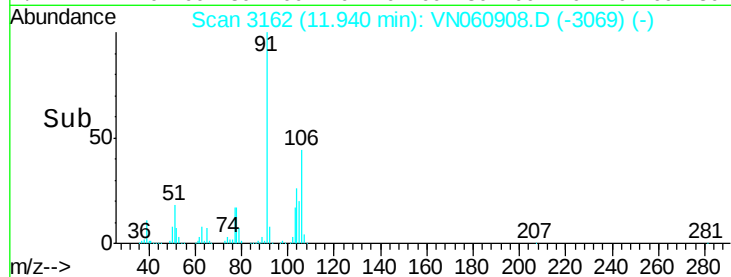
100000

50000

0

11.90 11.95 12.00

Time-->



#70

Styrene

Concen: 48.930 ug/l

RT: 11.96 min Scan# 3168

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

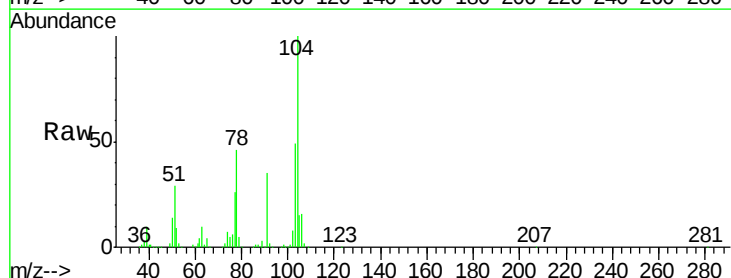
Tgt Ion:104 Resp: 308576

Ion Ratio Lower Upper

104 100

78 51.6 41.2 61.8

103 54.3 44.0 66.0



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

250000

200000

150000

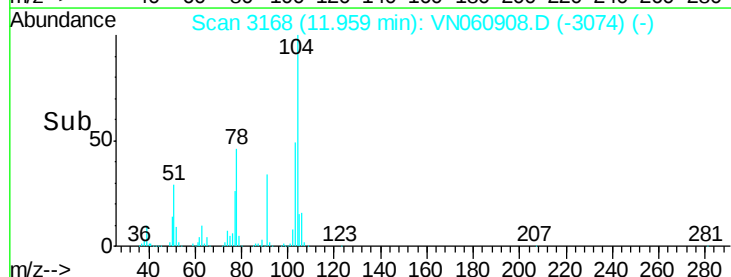
100000

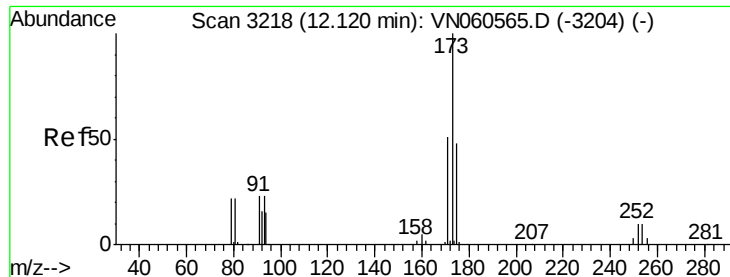
50000

0

11.90 12.00 12.10

Time-->





#71

Bromoform

Concen: 46.617 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 81789

Ion Ratio Lower Upper

173 100

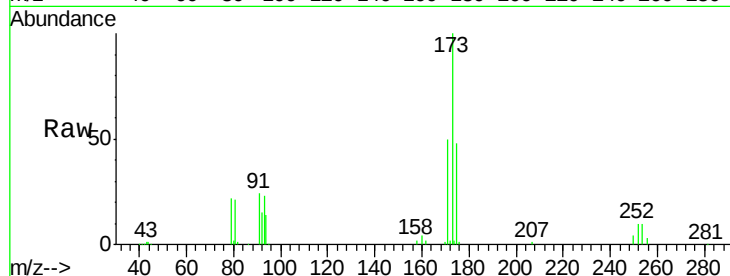
175 48.2 24.1 72.4

254 0.0 0.0 0.0

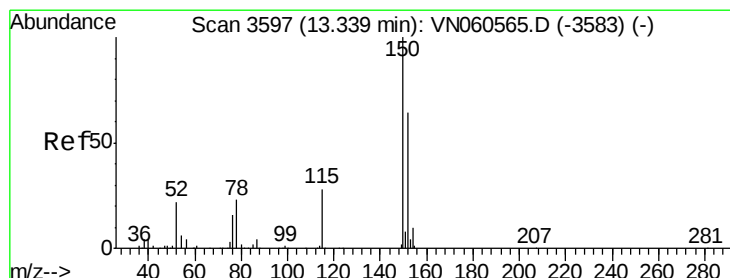
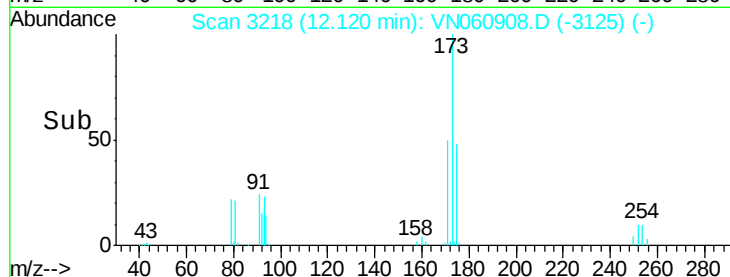
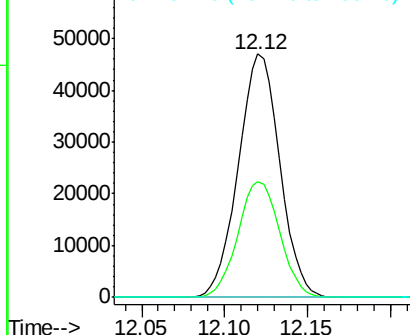
Manual Integrations
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

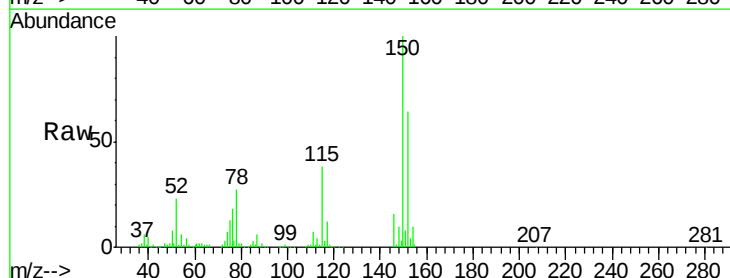
Tgt Ion:152 Resp: 142988

Ion Ratio Lower Upper

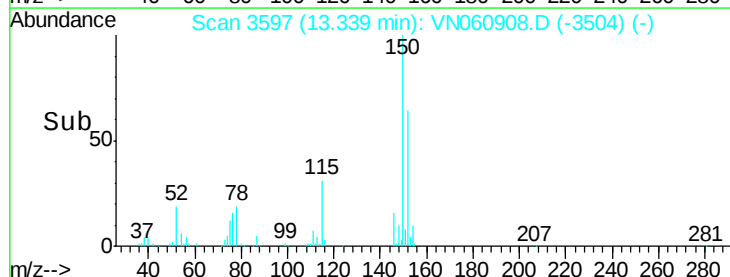
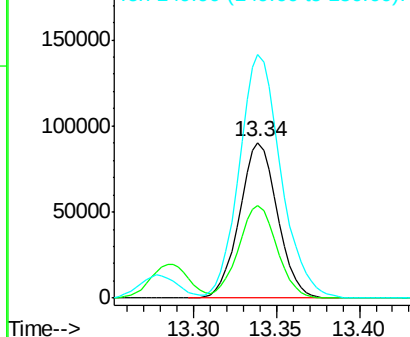
152 100

115 60.4 30.2 90.6

150 172.6 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





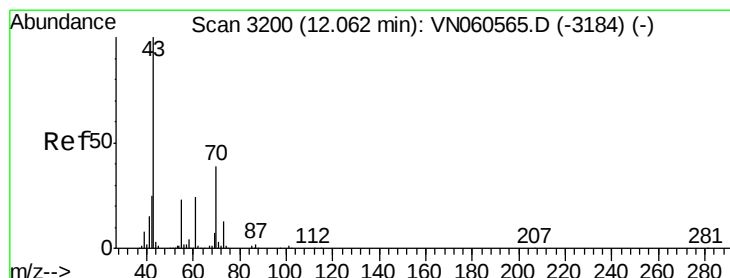
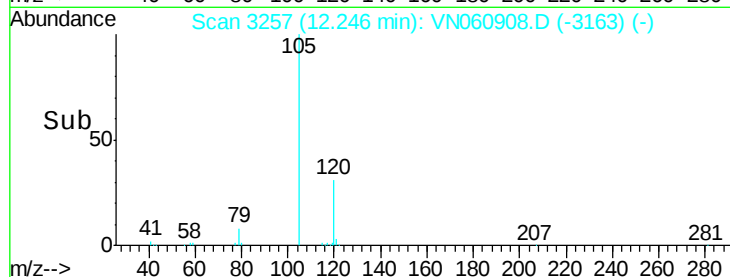
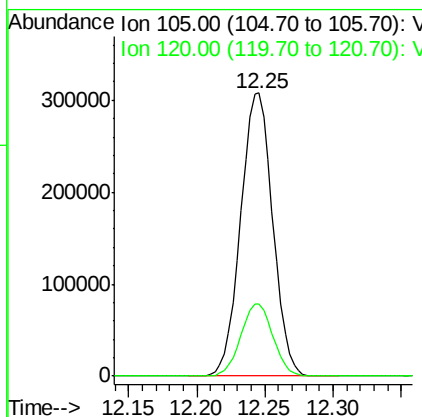
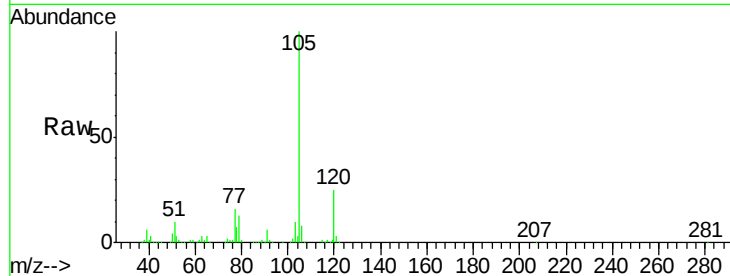
#73
Isopropylbenzene
Concen: 46.729 ug/l
RT: 12.25 min Scan# 3257
Delta R.T. 0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.5	13.1	39.1

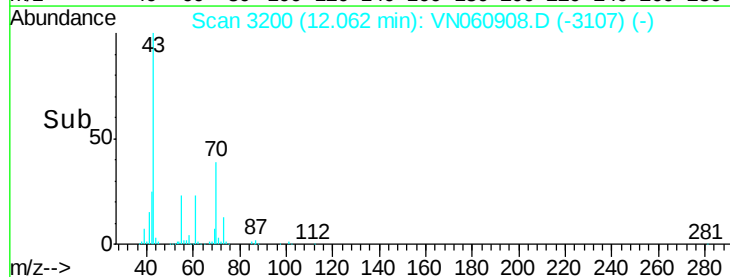
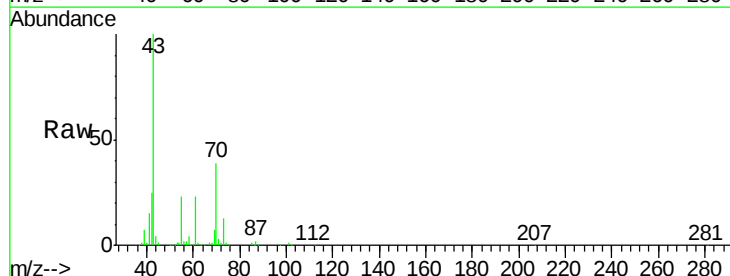
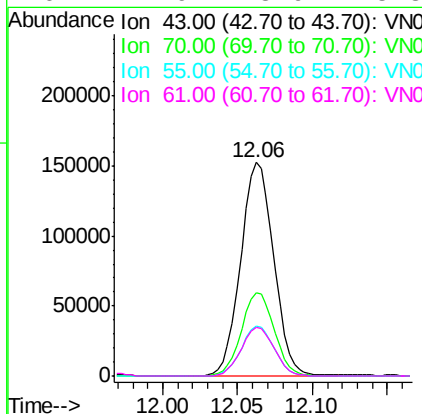
Manual Integrations
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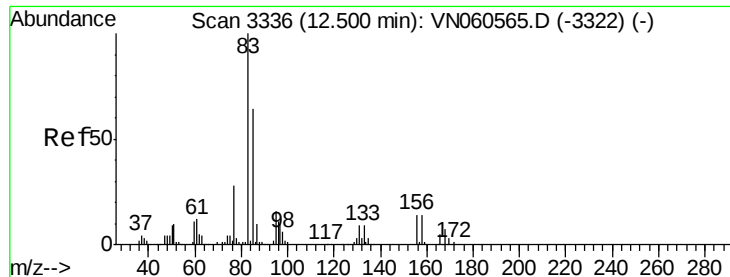
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#74
N-ethyl acetate
Concen: 47.164 ug/l
RT: 12.06 min Scan# 3200
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.0	31.1	46.7
55	23.4	18.6	27.8
61	22.9	18.9	28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.291 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

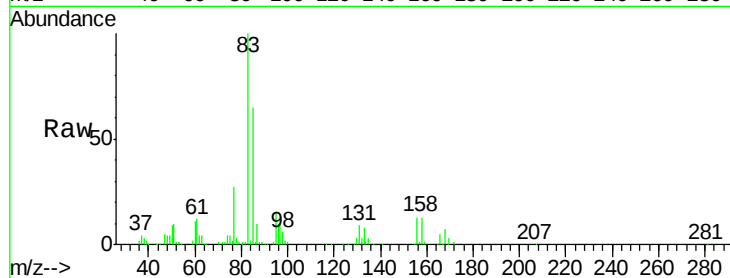
ClientSampleId :

VSTDCCC050EC

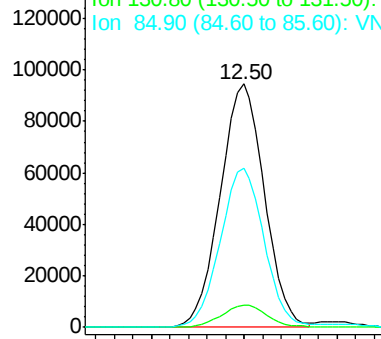
Tot Ion:	83	Resp:	156707
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.9	14.7
85	64.8	32.5	97.4

Manual Integrations
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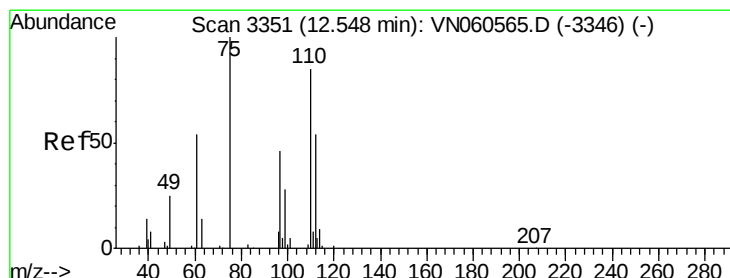
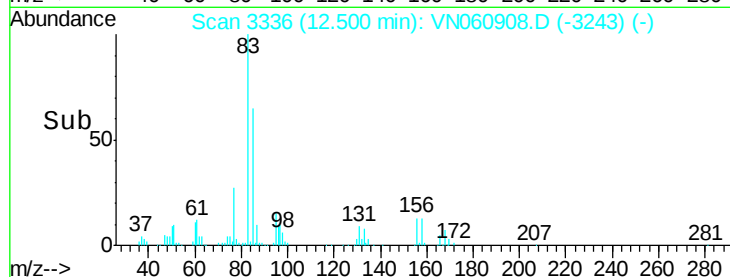
apatel
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Abundance Ion 82.90 (82.60 to 83.60): VN060908.D (-3243) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 41.693 ug/l m

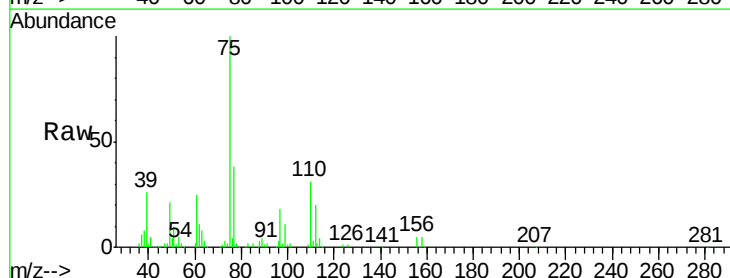
RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

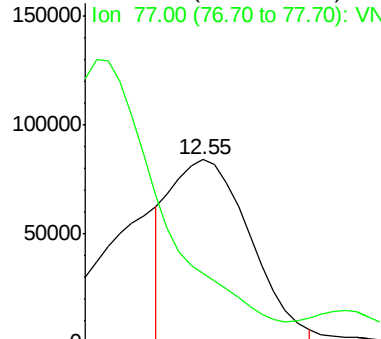
Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

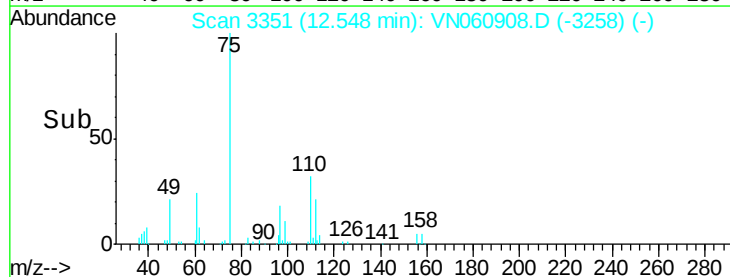
Tgt Ion:	75	Resp:	128639
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060908.D (-3258) (-)



Time-->





#77

Bromobenzene

Concen: 46.185 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 119422

Ion Ratio Lower Upper

156 100

77 224.0 112.3 337.0

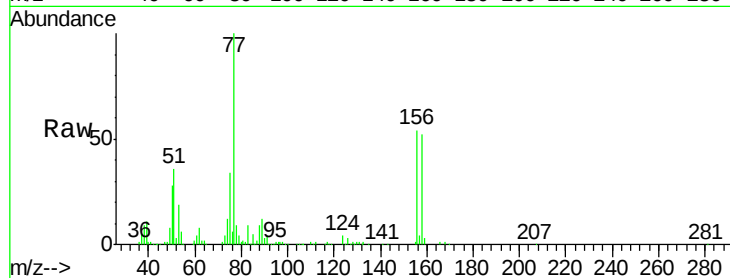
158 97.1 48.6 145.8

Manual Integrations

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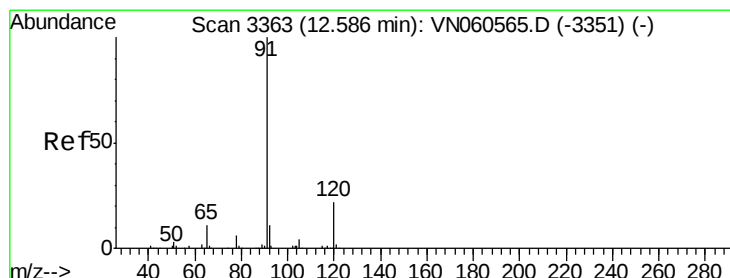
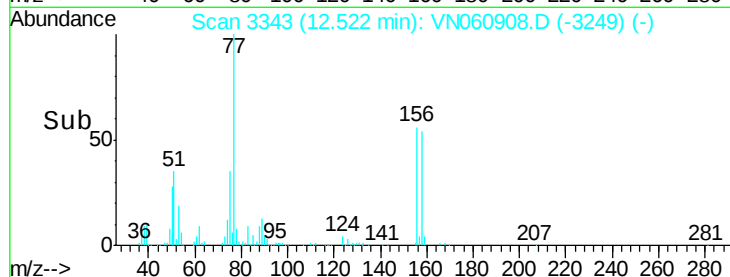
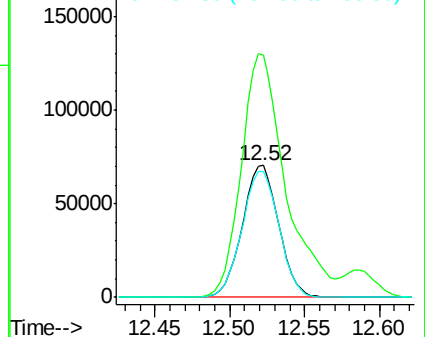
4/9/2020 12:29:45 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 46.807 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060908.D

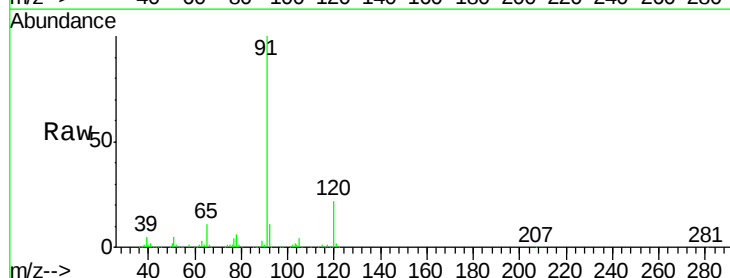
Acq: 8 Apr 2020 17:56

Tgt Ion: 91 Resp: 593407

Ion Ratio Lower Upper

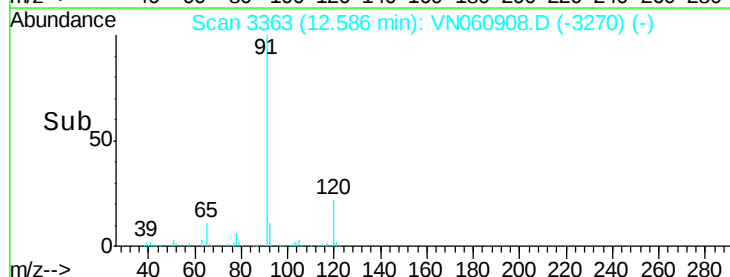
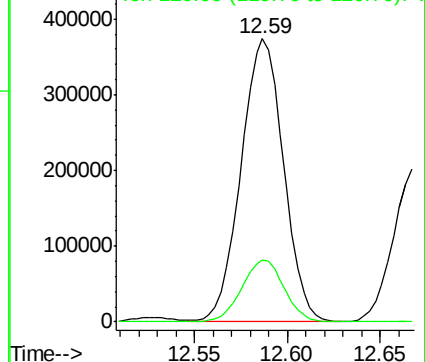
91 100

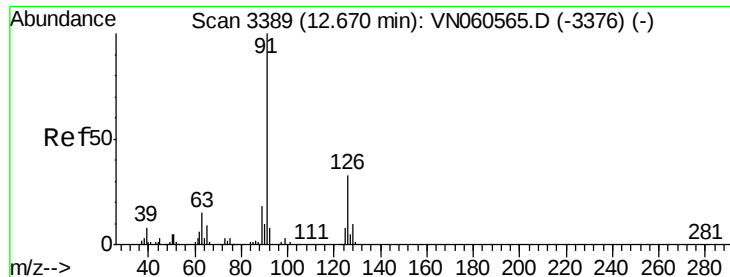
120 21.8 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.629 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 345630

Ion Ratio Lower Upper

91 100

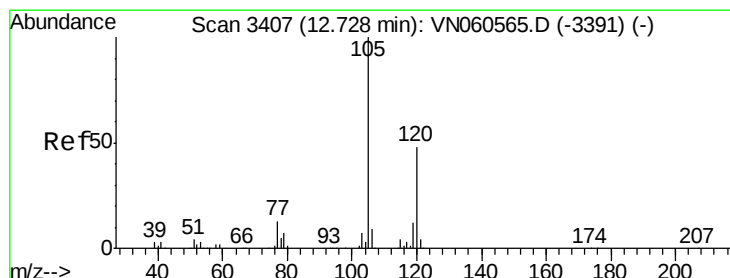
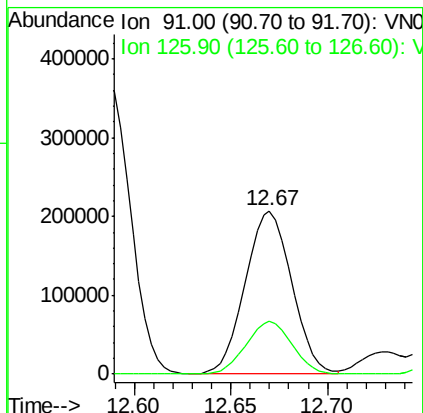
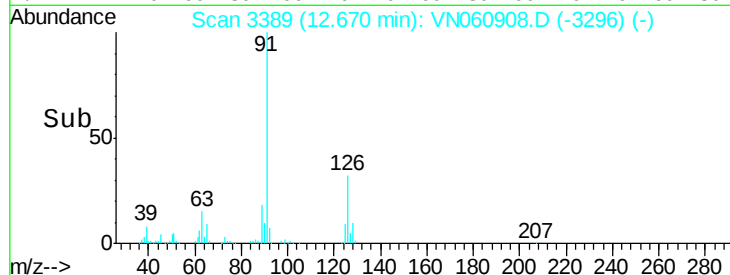
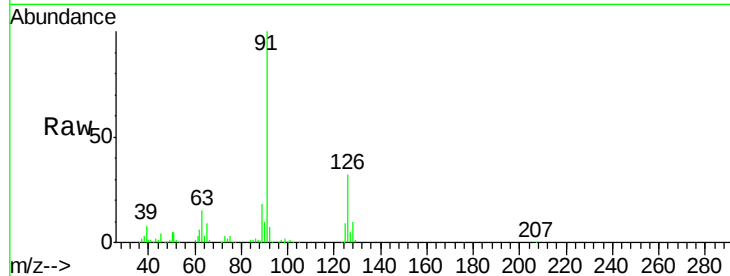
126 32.1 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 46.275 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060908.D

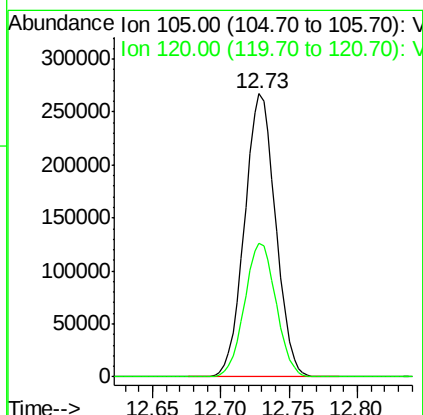
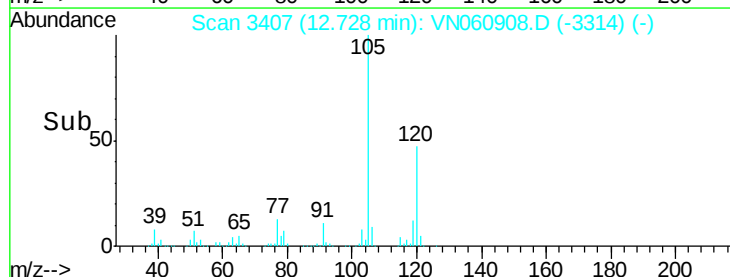
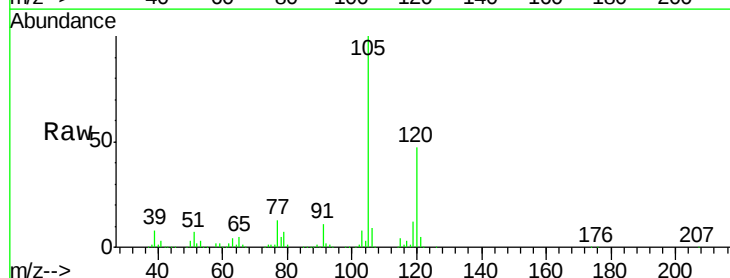
Acq: 8 Apr 2020 17:56

Tgt Ion: 105 Resp: 421399

Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 45.962 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Instrument :

MSVOA_N

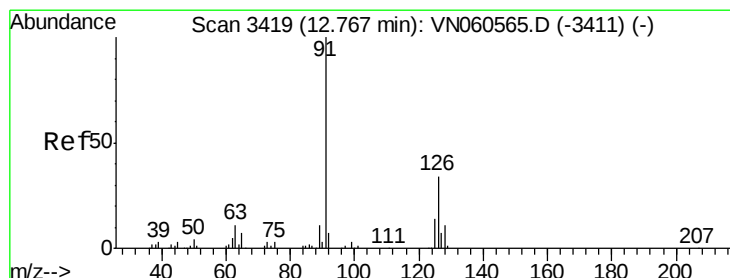
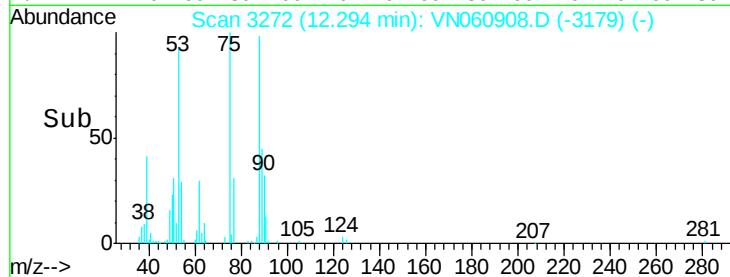
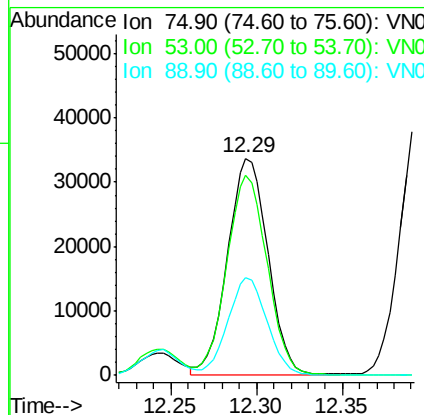
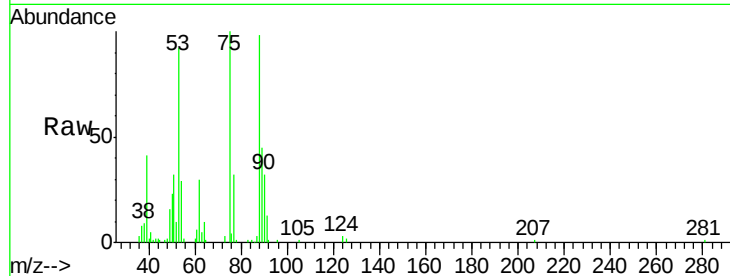
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	55216
Ion	Ratio	Lower	Upper
75	100		
53	92.3	73.0	109.4
89	43.7	34.8	52.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 46.047 ug/l

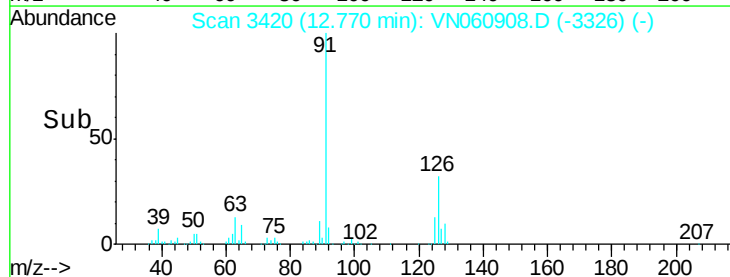
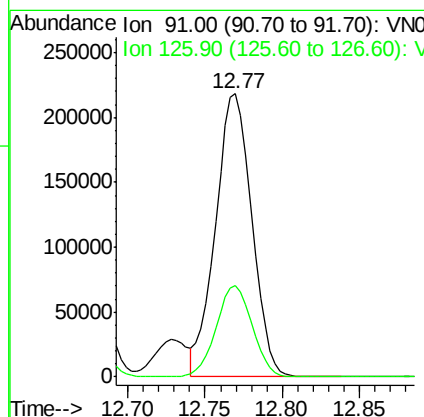
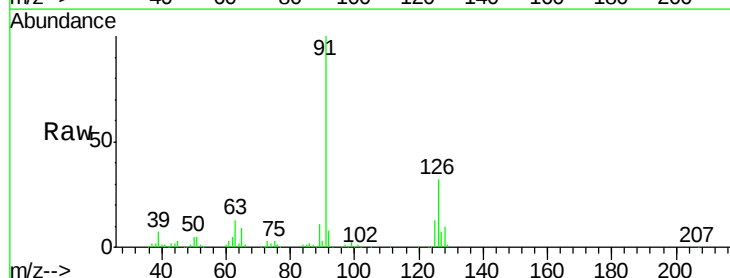
RT: 12.77 min Scan# 3420

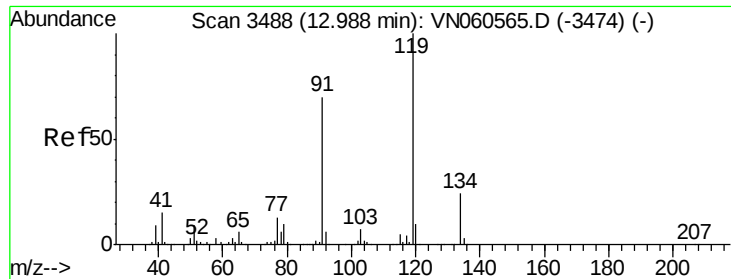
Delta R.T. 0.00 min

Lab File: VN060908.D

Acq: 8 Apr 2020 17:56

Tgt Ion:	91	Resp:	355248
Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.5





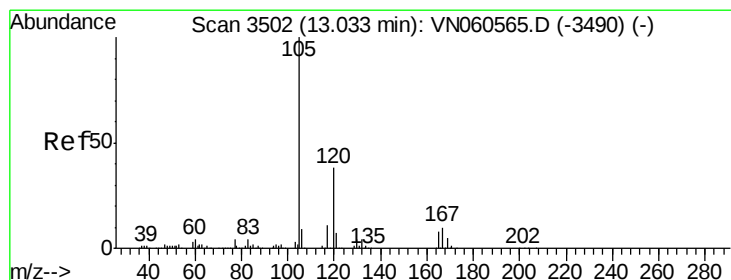
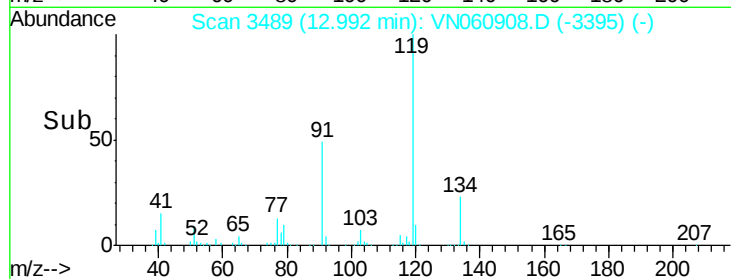
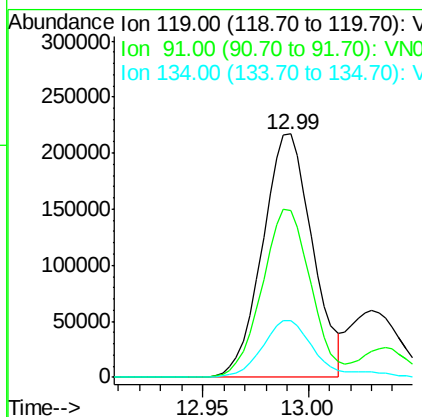
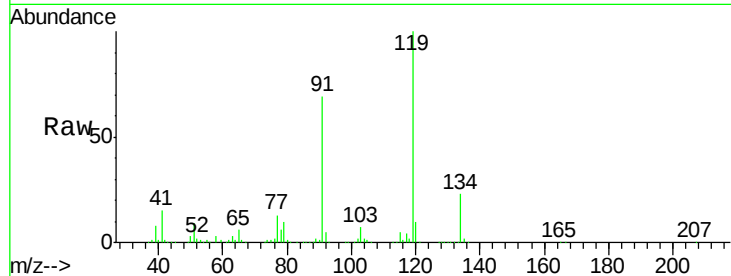
#83
 tert-Butylbenzene
 Concen: 47.353 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	34.0	101.8
134	24.9	12.7	38.0

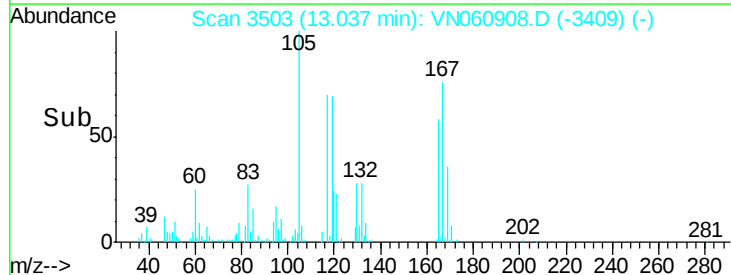
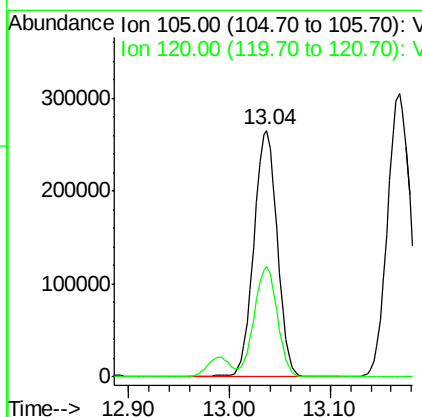
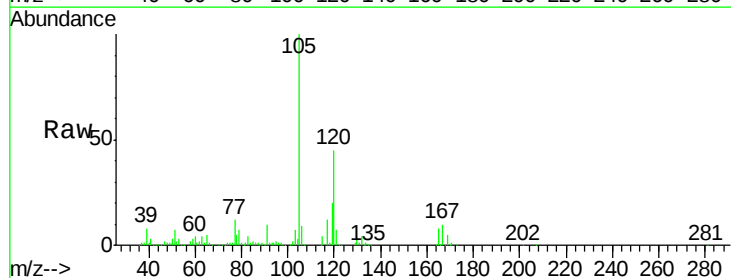
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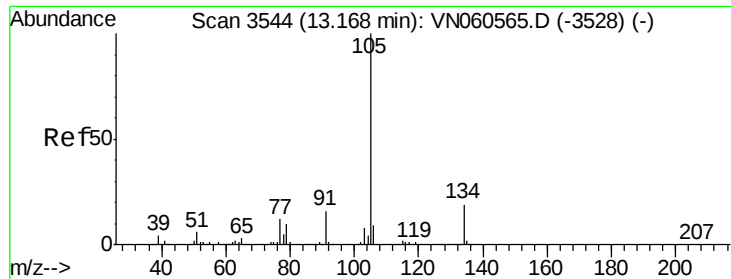
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.131 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5





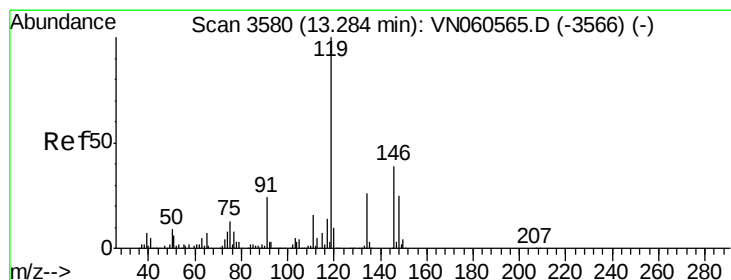
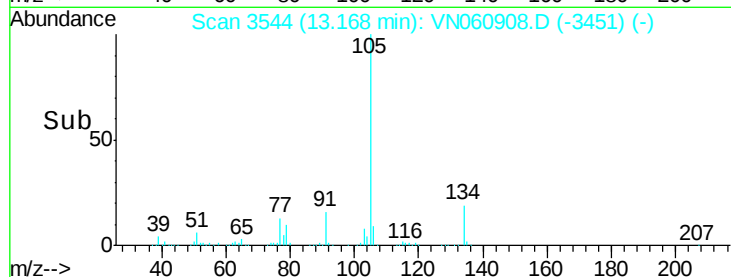
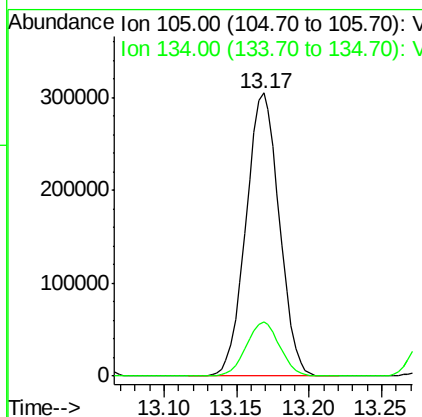
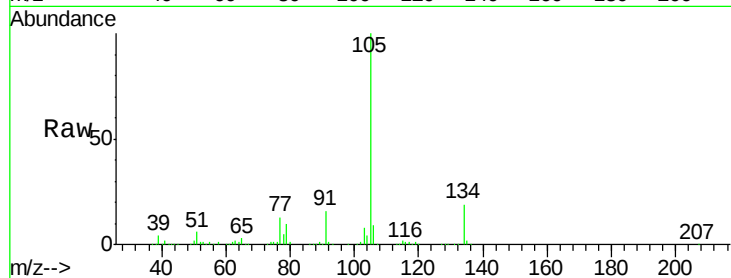
#85
 sec-Butylbenzene
 Concen: 48.118 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.1	9.6	28.8

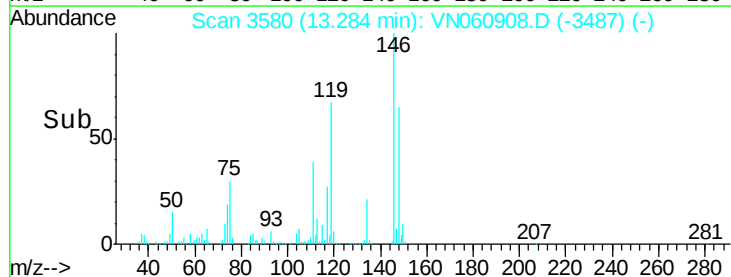
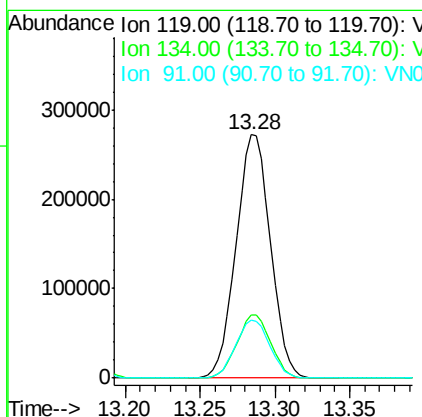
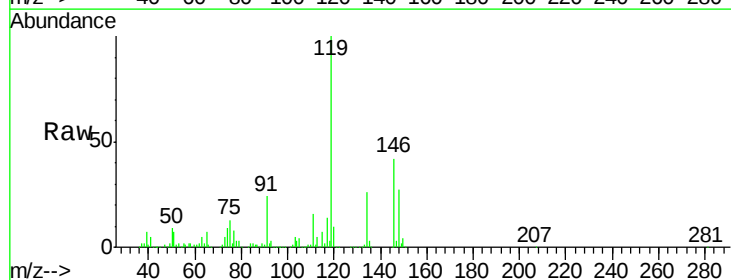
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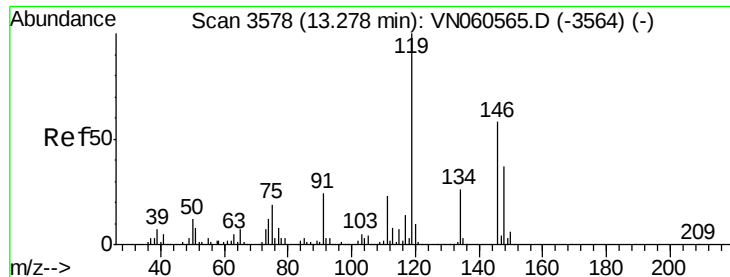
apatel
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#86
 p-Isopropyltoluene
 Concen: 47.597 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	13.0	39.0
91	24.1	12.0	36.0





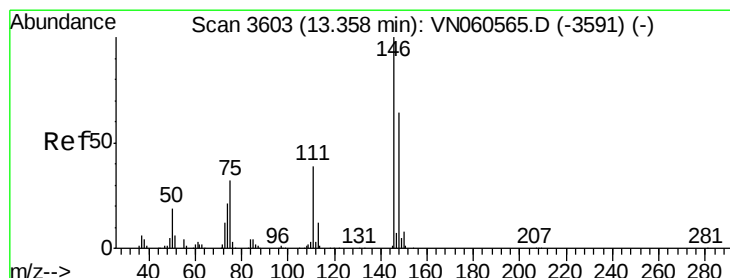
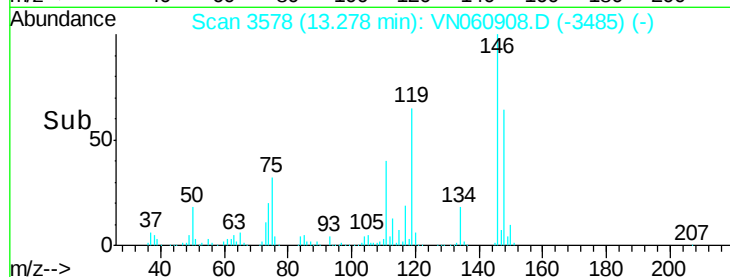
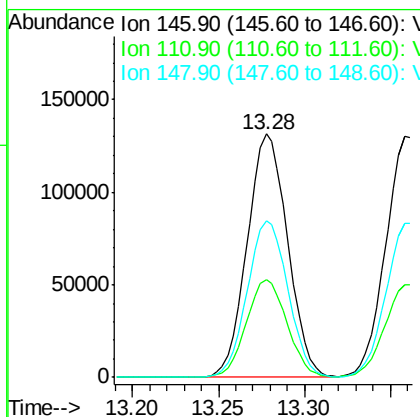
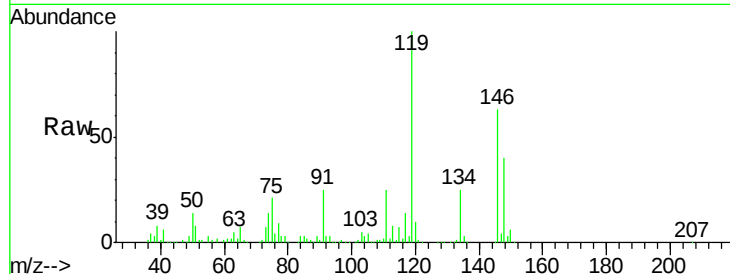
#87
 1,3-Dichlorobenzene
 Concen: 47.110 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	214845		
111	40.5	20.3	60.8	
148	64.6	32.5	97.4	

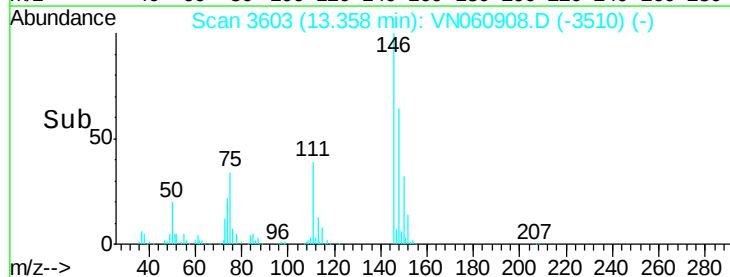
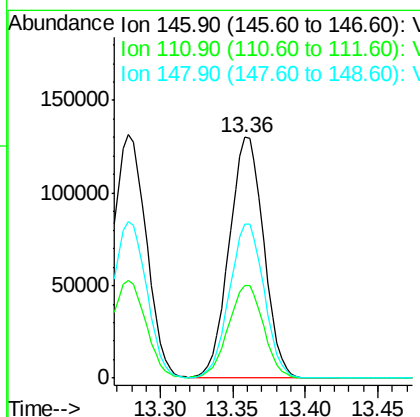
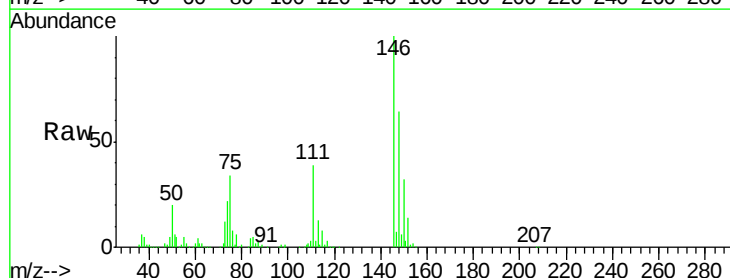
Manual Integrations
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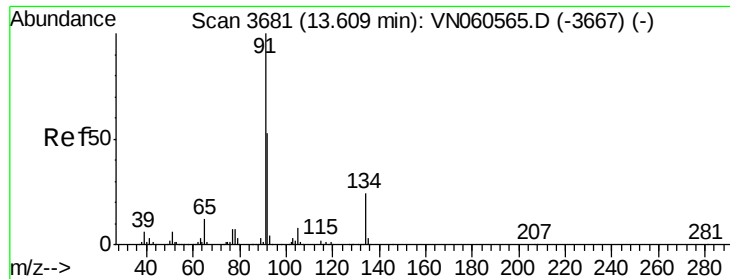
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 47.031 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	215490		
111	39.3	19.6	58.7	
148	64.2	32.1	96.3	





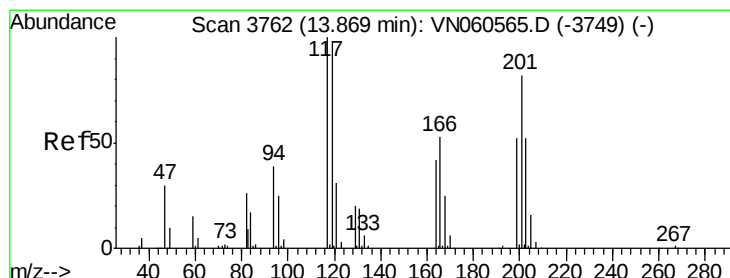
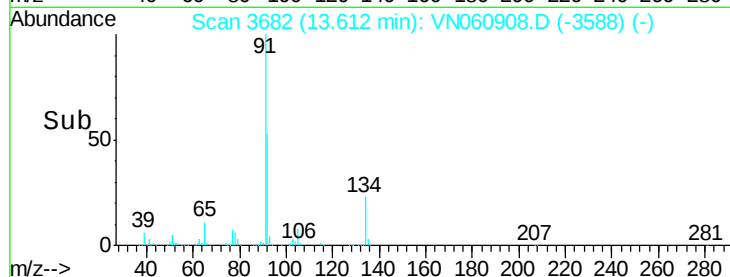
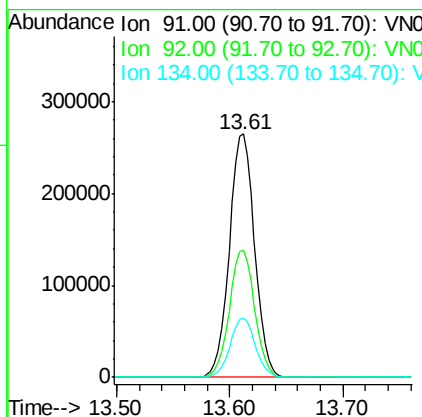
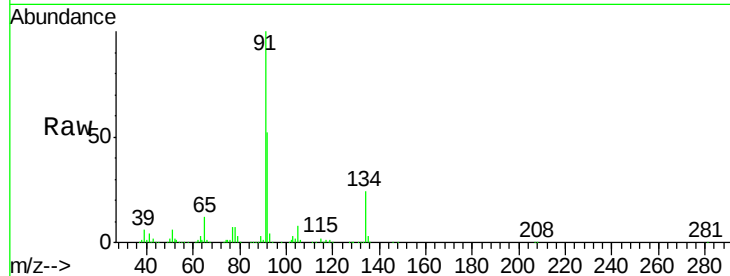
#89
n-Butylbenzene
Concen: 49.697 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	24.4	12.3	36.9

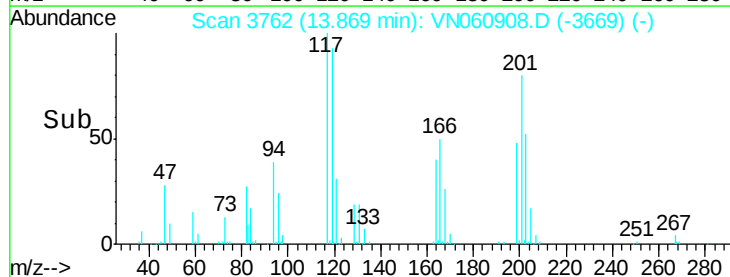
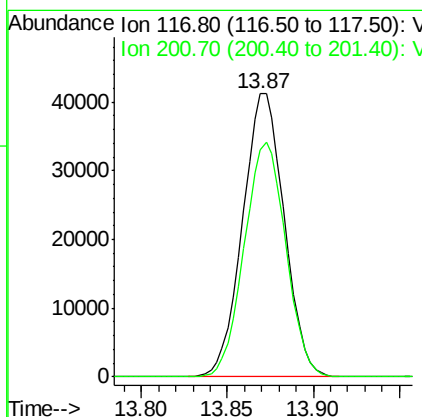
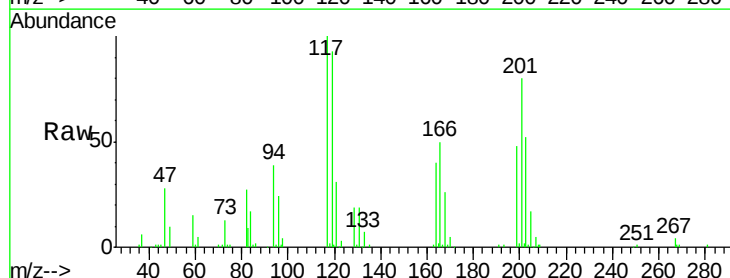
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#90
Hexachloroethane
Concen: 52.214 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.5	40.8	122.5





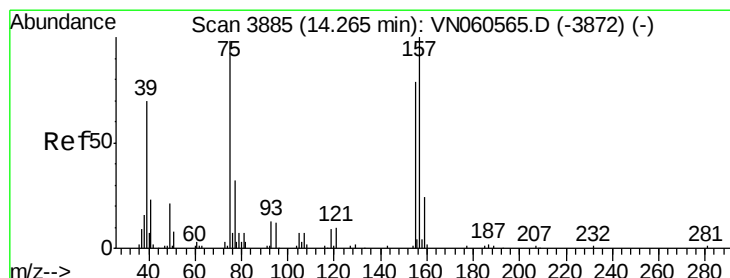
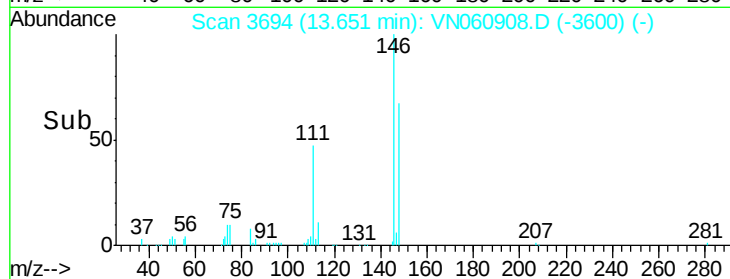
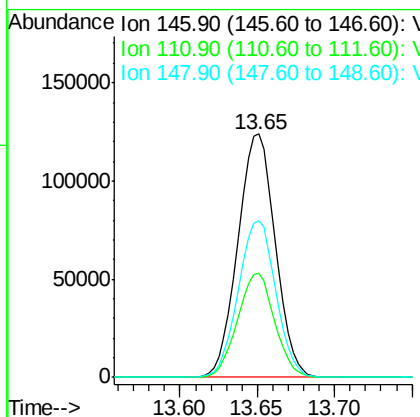
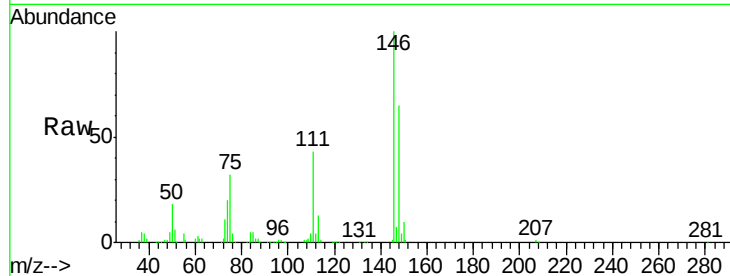
#91
 1,2-Dichlorobenzene
 Concen: 47.798 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.0	63.0
148	64.5	31.9	95.5

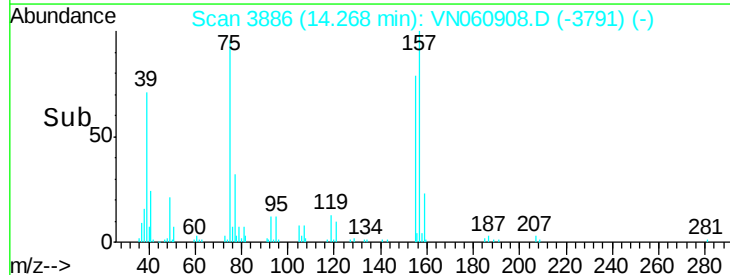
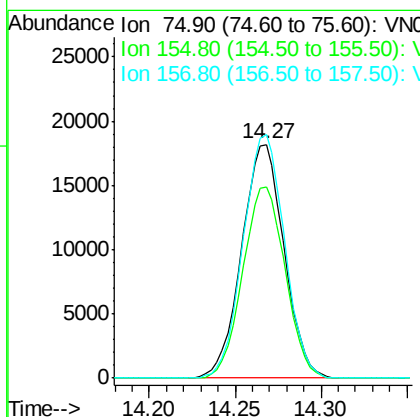
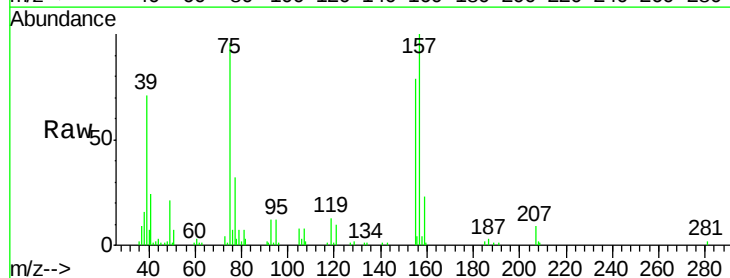
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.779 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.6	40.7	122.1
157	101.5	51.5	154.7





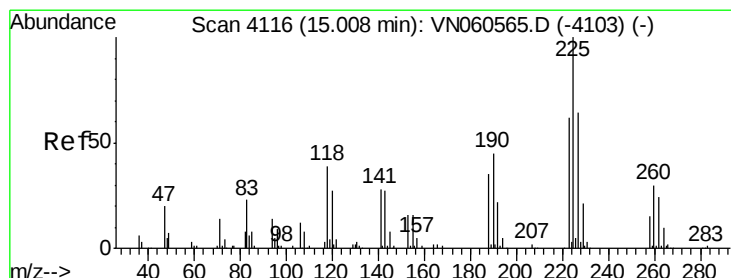
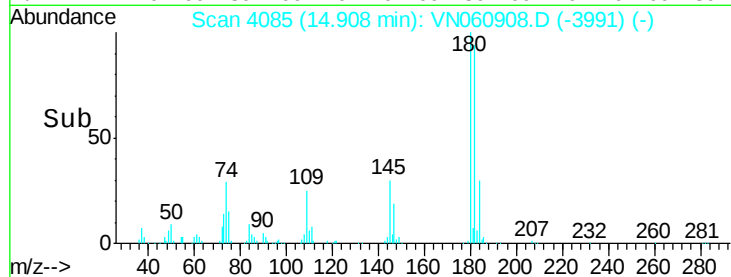
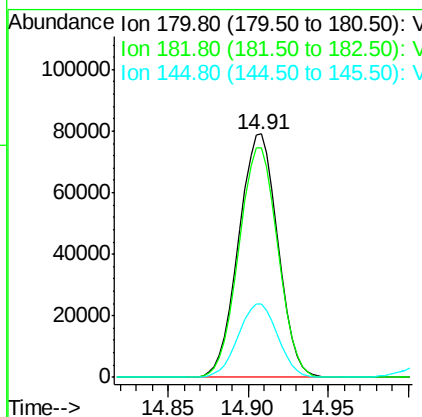
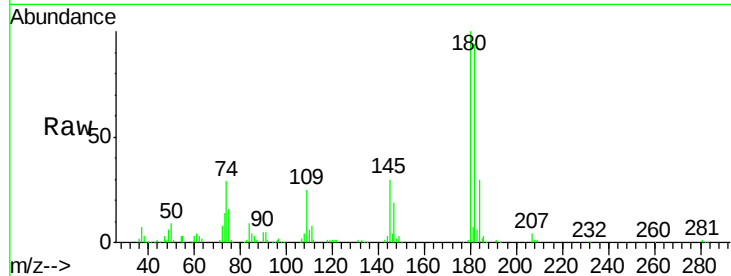
#93
 1,2,4-Trichlorobenzene
 Concen: 49.259 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	131908		
182	94.3	47.9	143.8	
145	30.5	15.4	46.2	

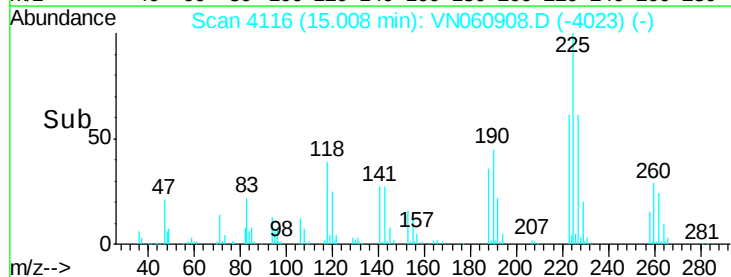
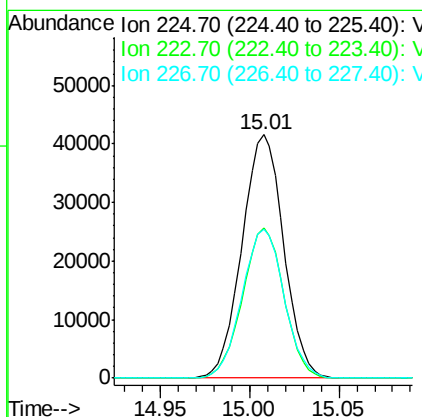
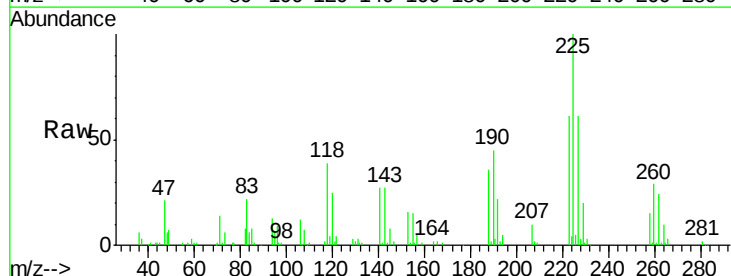
Manual Integrations
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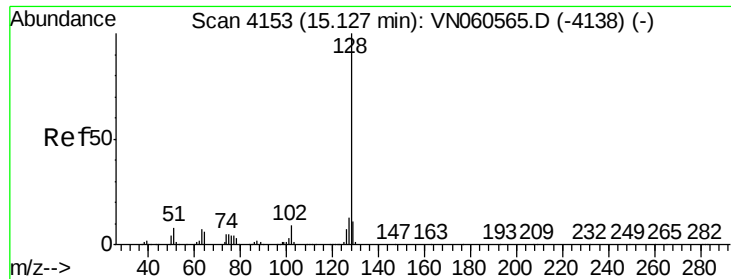
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#94
 Hexachlorobutadiene
 Concen: 51.649 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060908.D
 Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67802		
223	61.0	31.6	95.0	
227	61.9	32.3	96.8	





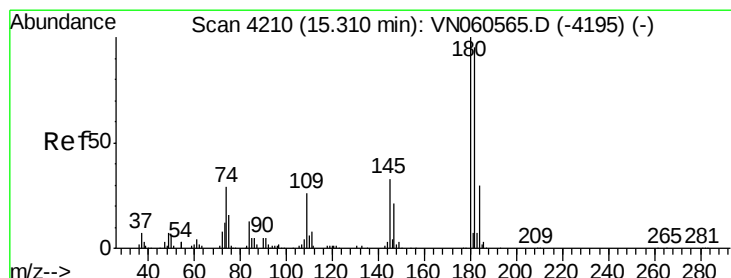
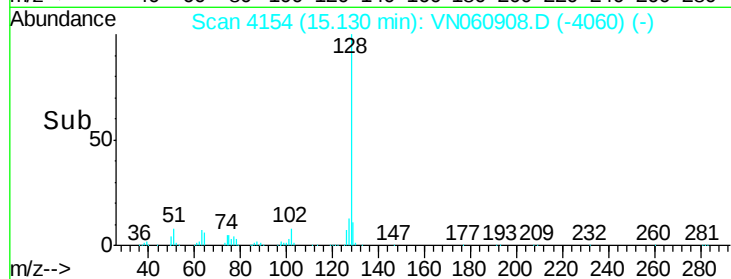
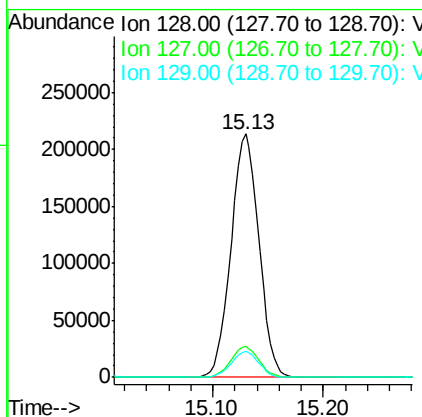
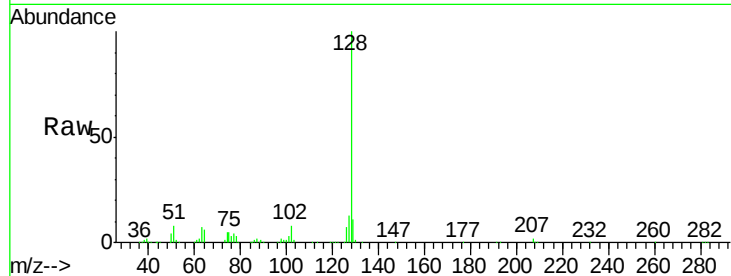
#95
Naphthalene
Concen: 46.405 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.7	8.8	13.2

Manual Integrations
APPROVED

apatel
4/9/2020 12:29:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.037 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060908.D
Acq: 8 Apr 2020 17:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.5	142.6
145	32.3	16.3	48.8

