

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040820\
 Data File : VN060891.D
 Acq On : 8 Apr 2020 10:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 4/9/2020 12:29:30 PM

Quant Time: Apr 09 08:38:14 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	192739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	312016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	125537	47.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.90%	
35) Dibromofluoromethane	7.56	113	95575	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.08	98	382585	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	144561	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	87681	47.016	ug/l	99
3) Chloromethane	2.04	50	152949	43.912	ug/l	98
4) Vinyl Chloride	2.17	62	122430	44.940	ug/l	100
5) Bromomethane	2.54	94	62530	53.170	ug/l	100
6) Chloroethane	2.68	64	78092	49.761	ug/l	99
7) Trichlorofluoromethane	3.00	101	167638	49.953	ug/l	99
8) Diethyl Ether	3.38	74	71002	52.666	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.73	101	103608	53.280	ug/l	100
10) Methyl Iodide	3.93	142	78185	45.185	ug/l	100
11) Tert butyl alcohol	4.72	59	82707	212.547	ug/l	99
12) 1,1-Dichloroethene	3.71	96	102747	49.238	ug/l	99
13) Acrolein	3.57	56	94137	218.282	ug/l	99
14) Allyl chloride	4.29	41	192021	52.319	ug/l	97
15) Acrylonitrile	4.94	53	291264	254.545	ug/l	99
16) Acetone	3.77	43	321512	343.048	ug/l	99
17) Carbon Disulfide	4.03	76	285974	45.060	ug/l	100
18) Methyl Acetate	4.28	43	140334	53.197	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	368964	51.427	ug/l	99
20) Methylene Chloride	4.52	84	117650	51.030	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	110726	49.786	ug/l	93
22) Diisopropyl ether	5.91	45	428427	55.253	ug/l	98
23) Vinyl Acetate	5.85	43	1695762	268.039	ug/l	100
24) 1,1-Dichloroethane	5.81	63	222873	52.725	ug/l	100
25) 2-Butanone	6.79	43	421980	278.244	ug/l	98
26) 2,2-Dichloropropane	6.79	77	190432	57.259	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	129677	51.310	ug/l	97
28) Bromochloromethane	7.17	49	101518	50.197	ug/l	98
29) Tetrahydrofuran	7.18	42	255594	238.195	ug/l	99
30) Chloroform	7.34	83	215831	53.261	ug/l	100
31) Cyclohexane	7.63	56	204714	48.038	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	181721	52.019	ug/l	99
36) 1,1-Dichloropropene	7.77	75	163942	54.262	ug/l	99
37) Ethyl Acetate	6.89	43	165632	50.736	ug/l	99
38) Carbon Tetrachloride	7.75	117	145741	53.822	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	198864	55.387	ug/l	99
40) Benzene	8.02	78	491775	53.920	ug/l	100
41) Methacrylonitrile	7.15	41	82440m	59.172	ug/l	
42) 1,2-Dichloroethane	8.10	62	169019	54.226	ug/l	100
43) Isopropyl Acetate	8.14	43	284072	52.763	ug/l	100
44) Trichloroethene	8.81	130	123575	53.747	ug/l	100
45) 1,2-Dichloropropane	9.10	63	135620	56.353	ug/l	98
46) Dibromomethane	9.19	93	78843	54.190	ug/l	98
47) Bromodichloromethane	9.38	83	170306	56.330	ug/l	98
48) Methyl methacrylate	9.18	41	127533	53.204	ug/l	98
49) 1,4-Dioxane	9.18	88	26610	933.950	ug/l	96
51) 4-Methyl-2-Pentanone	9.97	43	812089	265.071	ug/l	100
52) Toluene	10.14	92	300572	54.568	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	197630	56.907	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	212789	55.851	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	117071	55.246	ug/l	99
56) Ethyl methacrylate	10.42	69	183906	55.660	ug/l	99
57) 1,3-Dichloropropane	10.70	76	202997	55.204	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	398500	242.664	ug/l	100
59) 2-Hexanone	10.74	43	610969	276.842	ug/l	99
60) Dibromochloromethane	10.89	129	123954	56.629	ug/l	100
61) 1,2-Dibromoethane	10.99	107	116909	54.865	ug/l	99
64) Tetrachloroethene	10.62	164	120206	53.084	ug/l	97
65) Chlorobenzene	11.43	112	309035	54.173	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	115001	55.678	ug/l	98
67) Ethyl Benzene	11.50	91	583771	55.028	ug/l	100
68) m/p-Xylenes	11.61	106	430515	109.206	ug/l	99
69) o-Xylene	11.94	106	206222	54.798	ug/l	99
70) Styrene	11.96	104	345074	56.065	ug/l	100
71) Bromoform	12.12	173	88200	51.332	ug/l #	100
73) Isopropylbenzene	12.24	105	560874	53.155	ug/l	100
74) N-amyl acetate	12.06	43	245732	50.398	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	165061	51.729	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	136207m	44.895	ug/l	
77) Bromobenzene	12.52	156	132251	52.015	ug/l	99
78) n-propylbenzene	12.59	91	673453	54.023	ug/l	99
79) 2-Chlorotoluene	12.67	91	387960	52.086	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	477227	53.295	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	61445	52.015	ug/l	98
82) 4-Chlorotoluene	12.77	91	407419	53.705	ug/l	99
83) tert-Butylbenzene	12.99	119	399192	53.778	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	478181	53.979	ug/l	100
85) sec-Butylbenzene	13.17	105	554397	55.542	ug/l	100
86) p-Isopropyltoluene	13.28	119	502386	55.971	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	244206	54.457	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	245949	54.590	ug/l	99
89) n-Butylbenzene	13.61	91	478561	59.054	ug/l	100
90) Hexachloroethane	13.87	117	78070	59.838	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	234471	54.682	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	31225	46.702	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	151432	57.509	ug/l	99
94) Hexachlorobutadiene	15.01	225	78701	60.969	ug/l	99
95) Naphthalene	15.13	128	398320	50.293	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	142069	54.776	ug/l	99

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

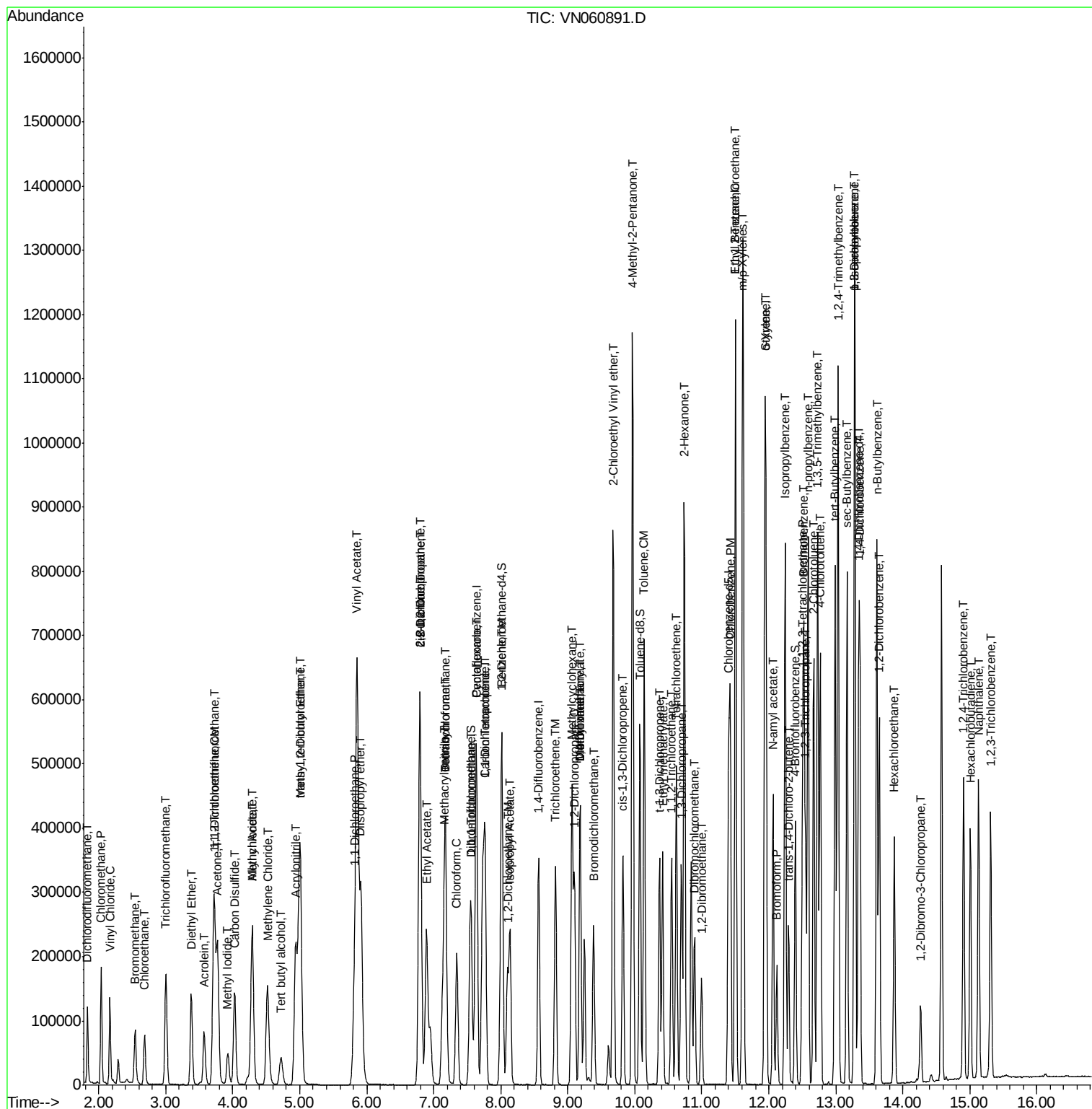
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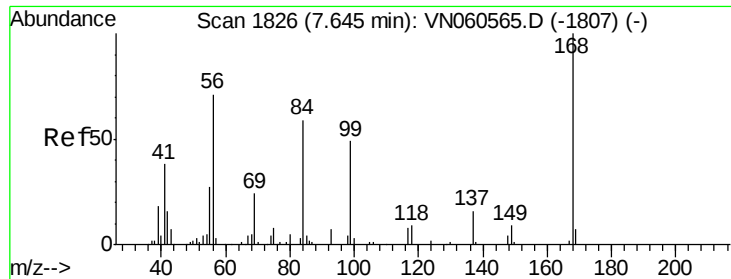
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 192739

Ion Ratio Lower Upper

168 100

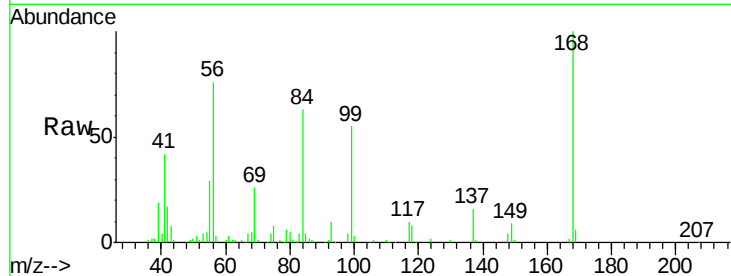
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Manual Integrations

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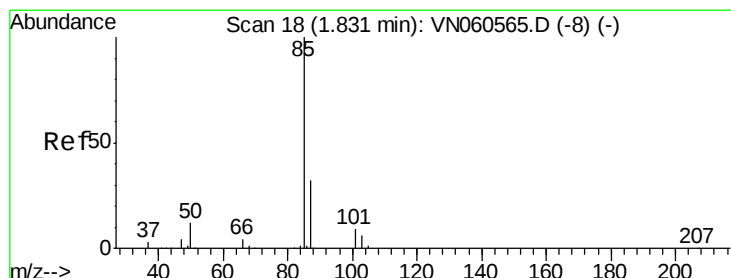
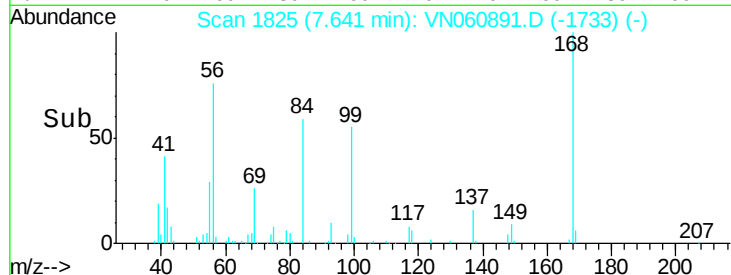
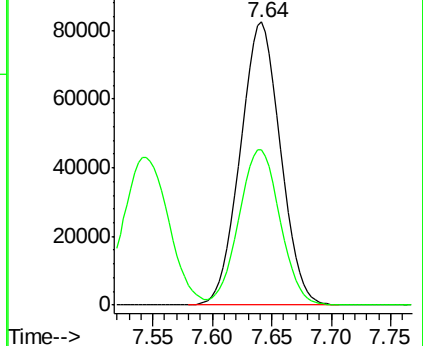
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.016 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060891.D

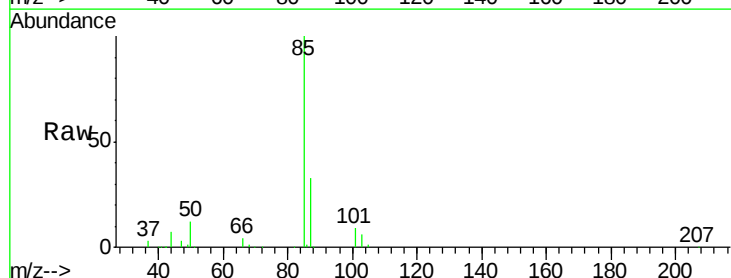
Acq: 8 Apr 2020 10:17

Tgt Ion: 85 Resp: 87681

Ion Ratio Lower Upper

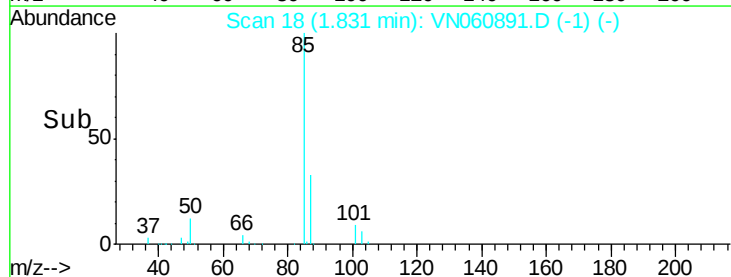
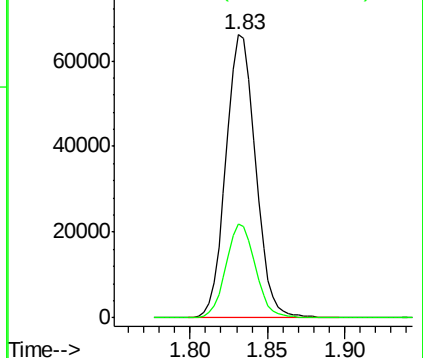
85 100

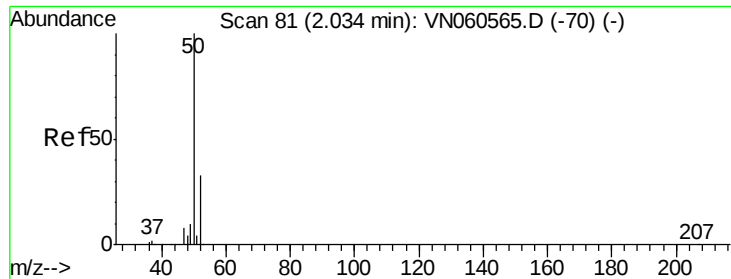
87 33.0 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.912 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 152949

Ion Ratio Lower Upper

50 100

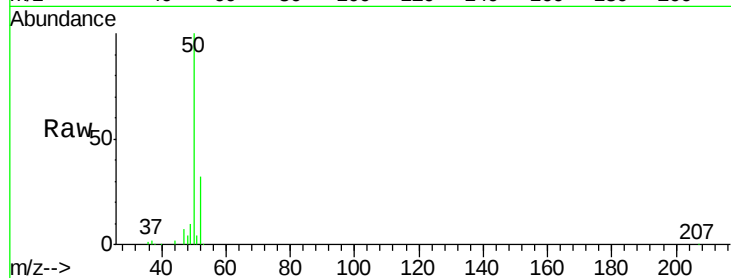
52 31.8 26.2 39.2

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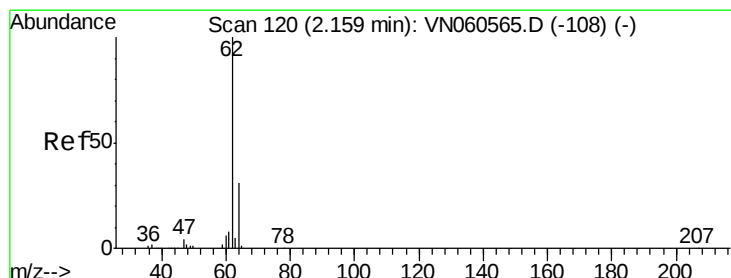
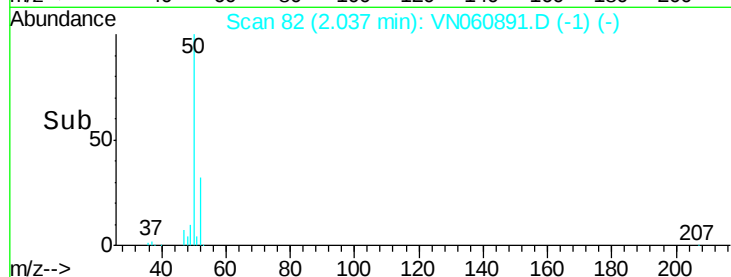
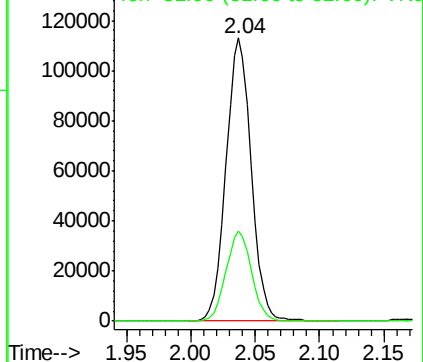
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 44.940 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060891.D

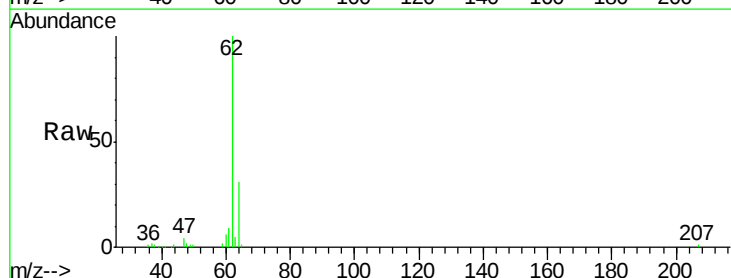
Acq: 8 Apr 2020 10:17

Tgt Ion: 62 Resp: 122430

Ion Ratio Lower Upper

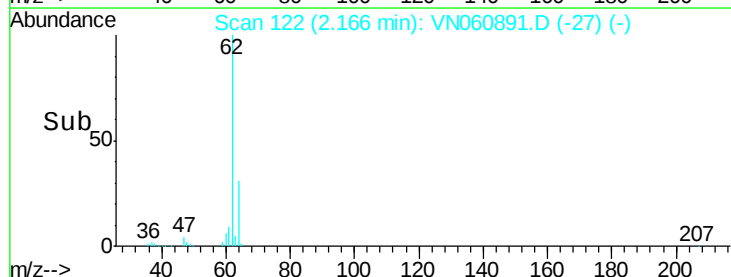
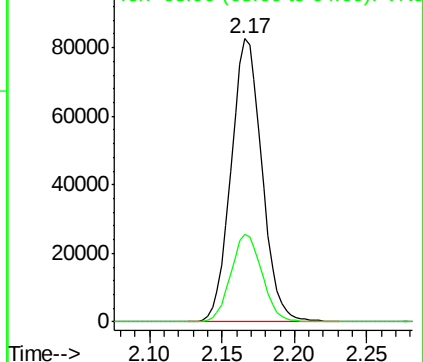
62 100

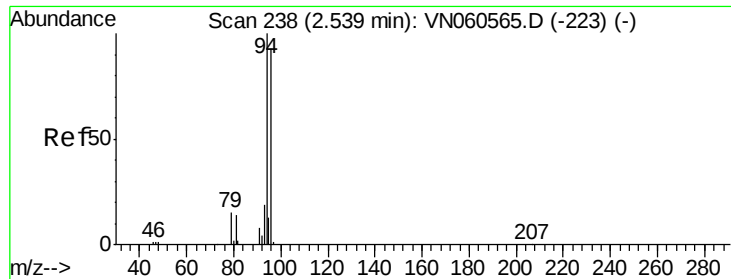
64 30.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 53.170 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

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Tot Ion: 94 Resp: 62530

Ion Ratio Lower Upper

94 100

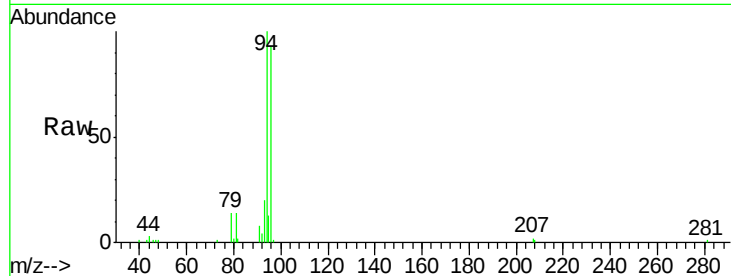
96 93.4 74.6 112.0

Manual Integrations

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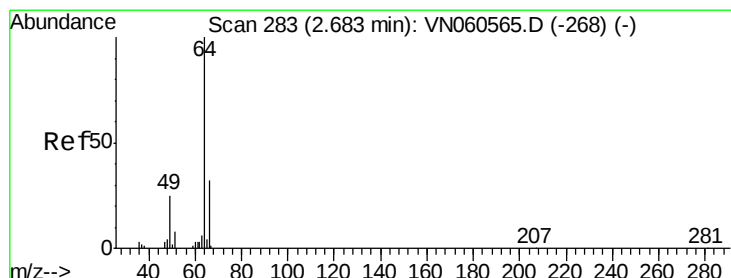
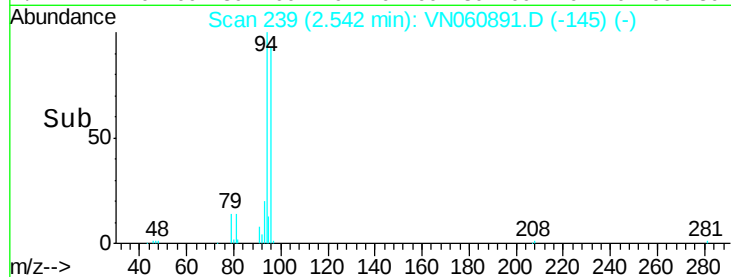
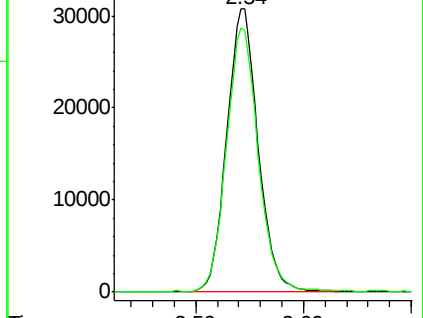
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Abundance Ion 93.90 (93.60 to 94.60): VN060891.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060891.D (-145) (-)



#6

Chloroethane

Concen: 49.761 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060891.D

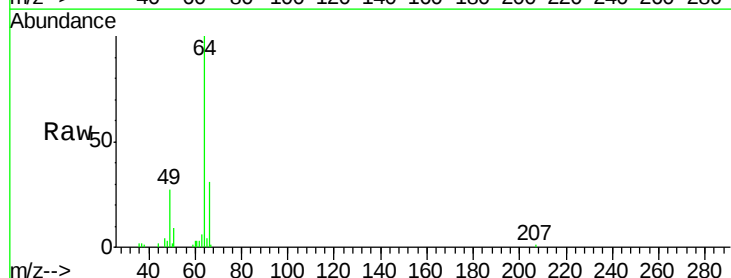
Acq: 8 Apr 2020 10:17

Tgt Ion: 64 Resp: 78092

Ion Ratio Lower Upper

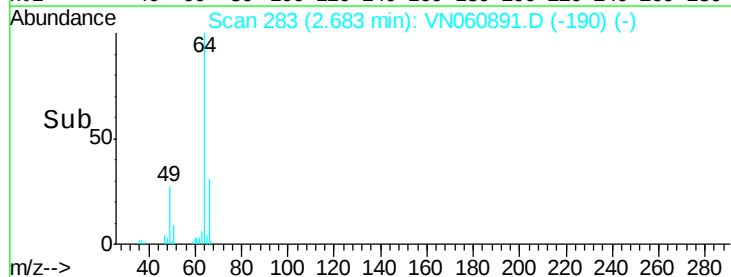
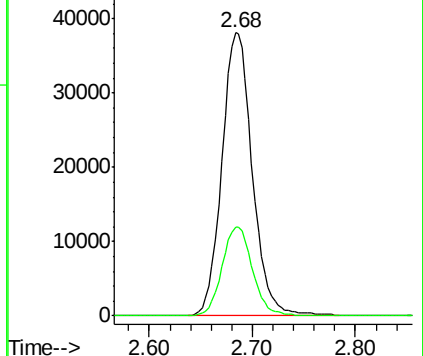
64 100

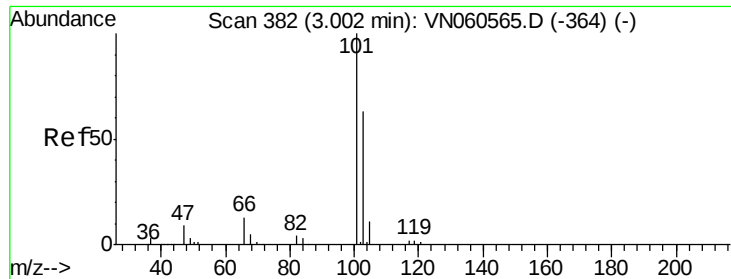
66 31.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060891.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060891.D (-190) (-)





#7

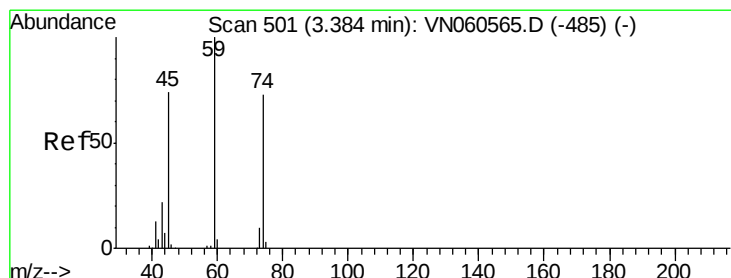
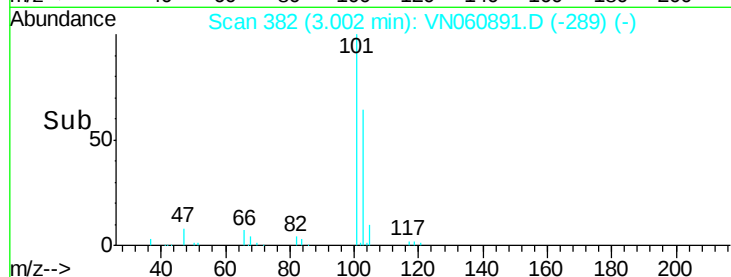
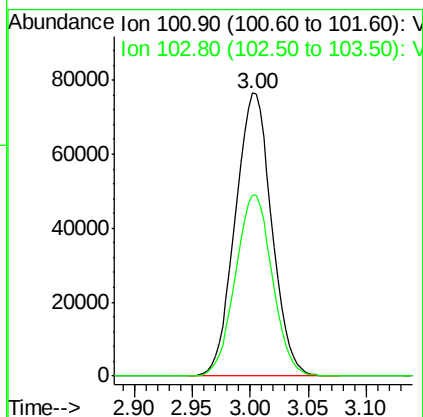
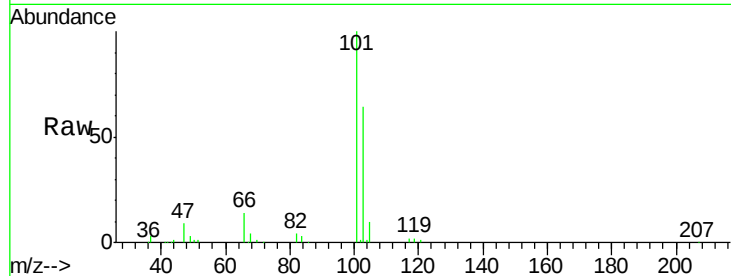
Trichlorofluoromethane
 Concen: 49.953 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060891.D
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Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.6	76.0

Manual Integrations
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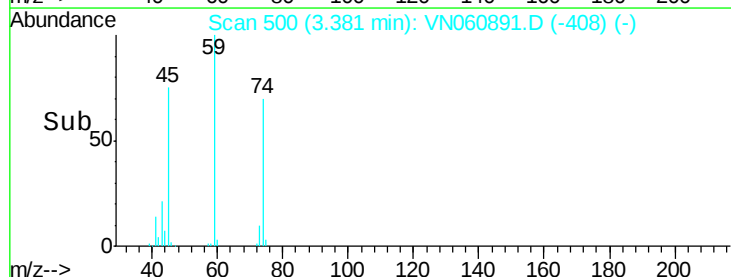
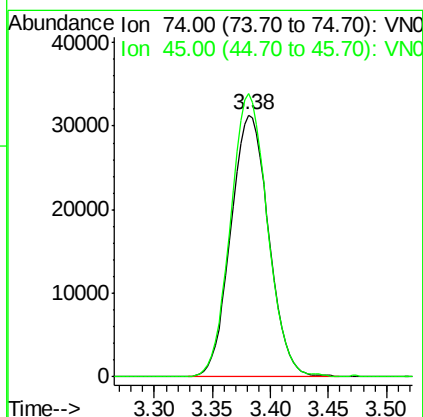
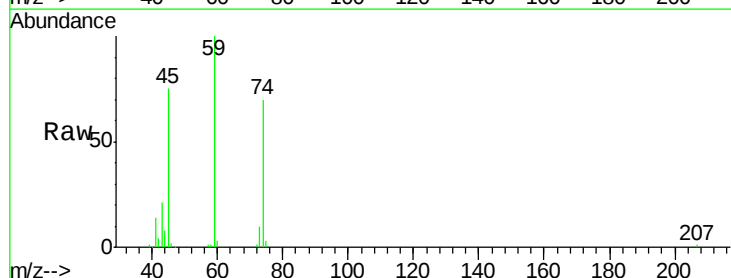
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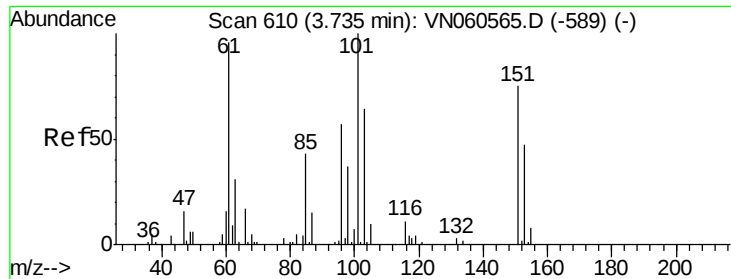


#8

Diethyl Ether
 Concen: 52.666 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.3	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.280 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

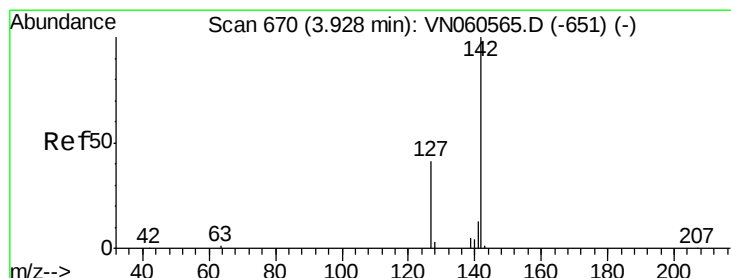
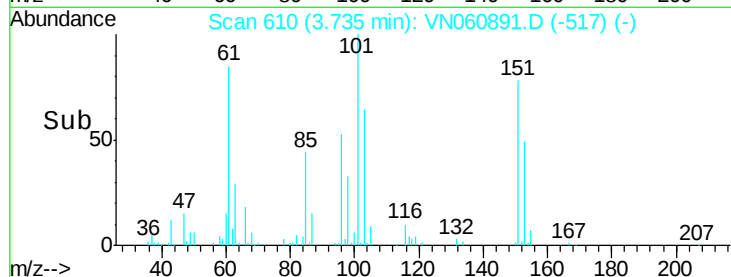
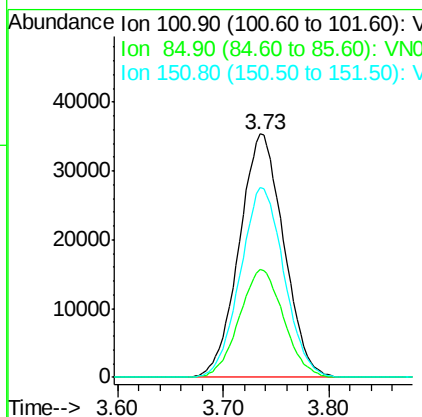
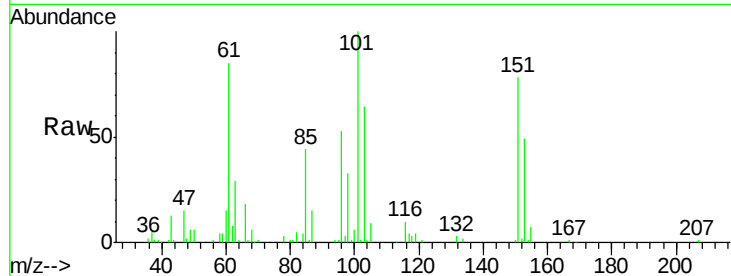
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	103608
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.6	53.4
151	76.9	61.4	92.2

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#10

Methyl Iodide

Concen: 45.185 ug/l

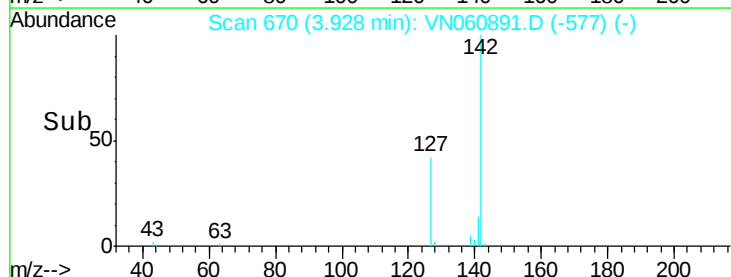
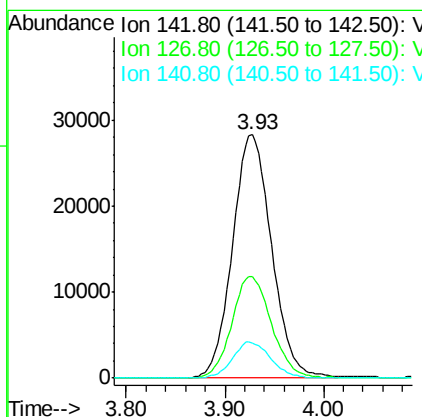
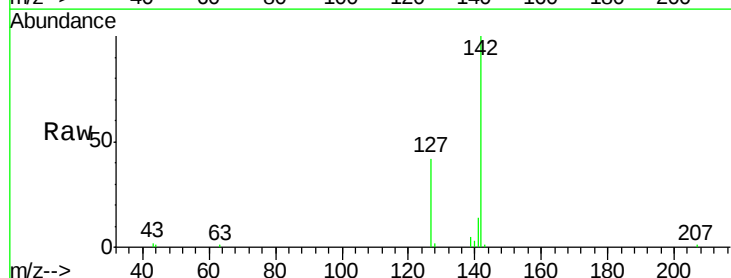
RT: 3.93 min Scan# 670

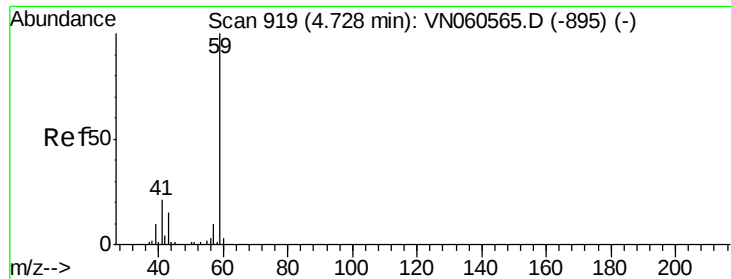
Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Tgt Ion:	142	Resp:	78185
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.5	50.3
141	14.3	11.0	16.6





#11

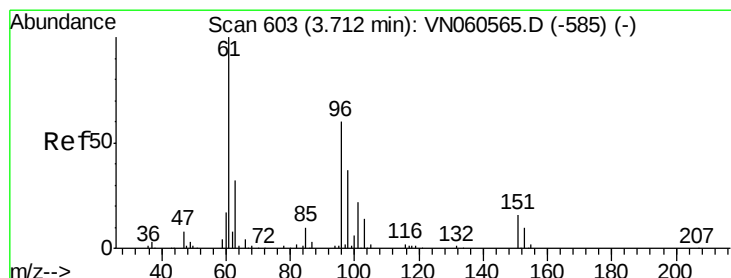
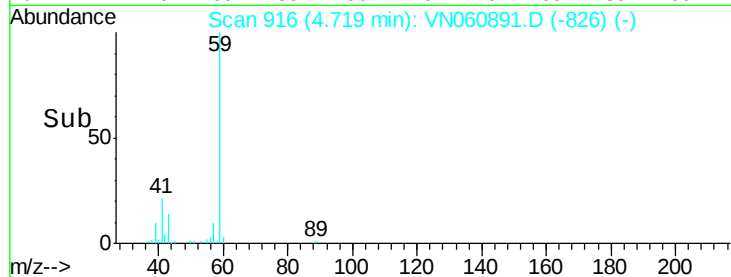
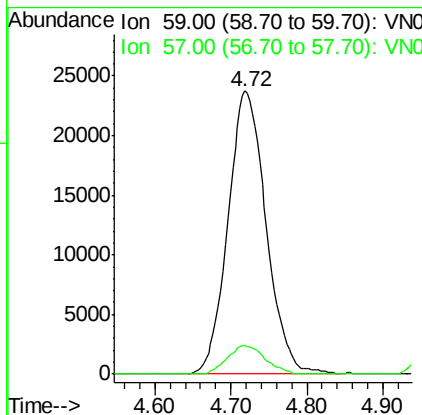
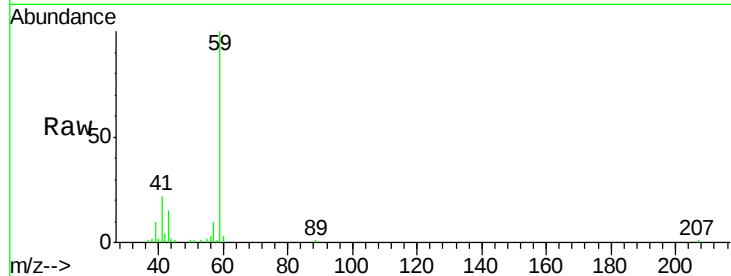
Tert butyl alcohol
Concen: 212.547 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	82707
Ion Ratio	100	Lower	Upper
57	10.0	8.2	12.4

Manual Integrations
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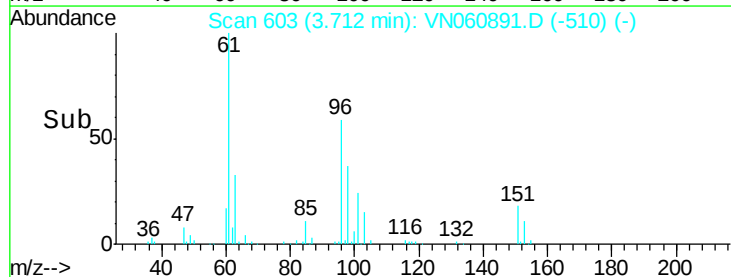
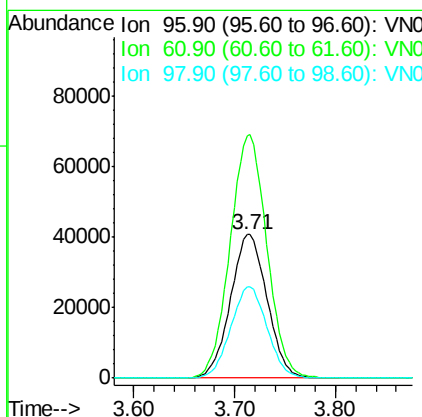
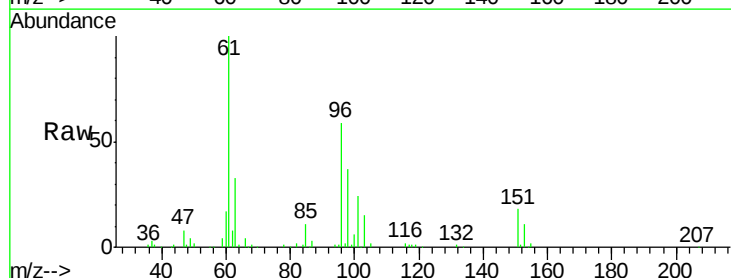
apatel
4/9/2020 12:29:30 PM

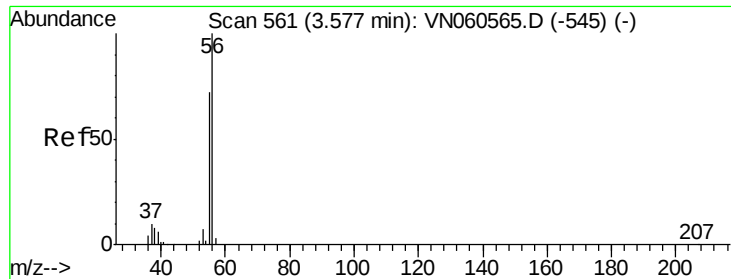


#12

1,1-Dichloroethene
Concen: 49.238 ug/l
RT: 3.71 min Scan# 603
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	96	Resp	102747
Ion Ratio	100	Lower	Upper
61	168.5	134.1	201.1
98	63.1	49.9	74.9





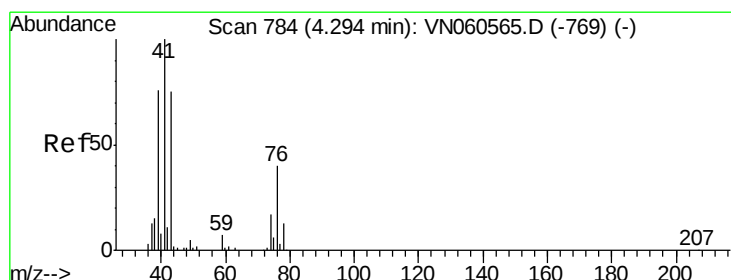
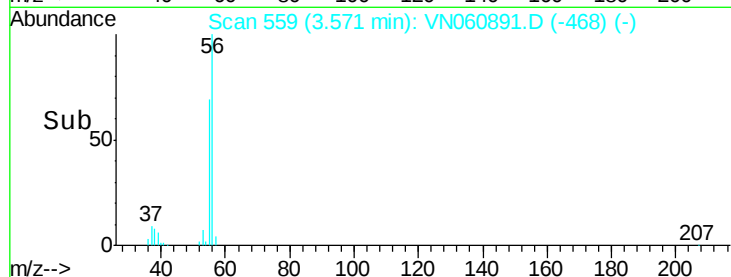
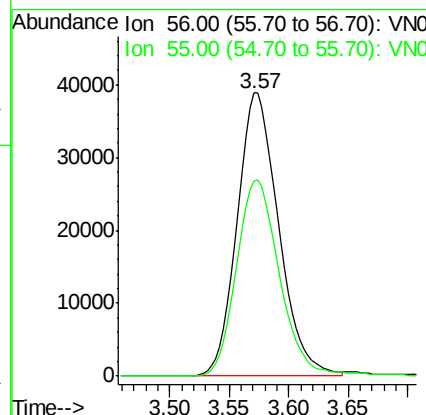
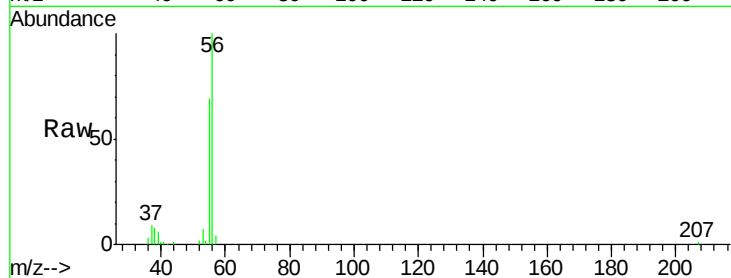
#13
Acrolein
Concen: 218.282 ug/l
RT: 3.57 min Scan# 559
Delta R.T. -0.01 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	94137
Ion Ratio	Lower	Upper	
56	100		
55	71.8	56.7	85.1

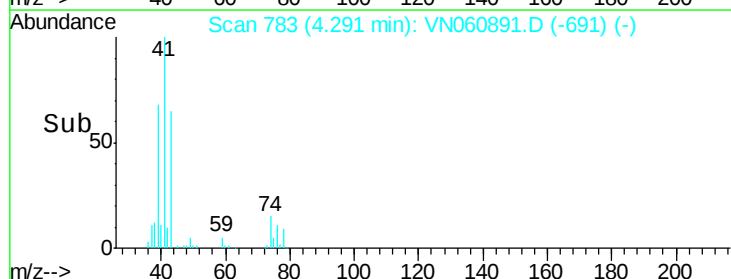
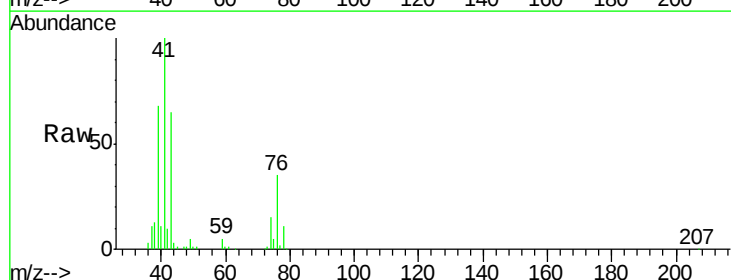
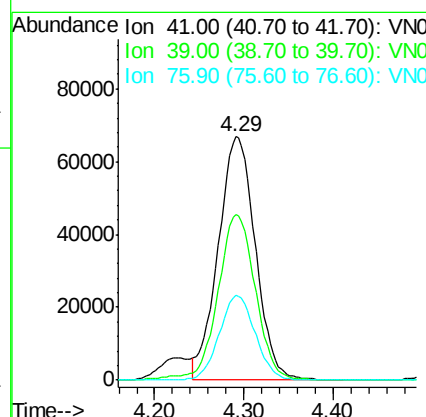
Manual Integrations
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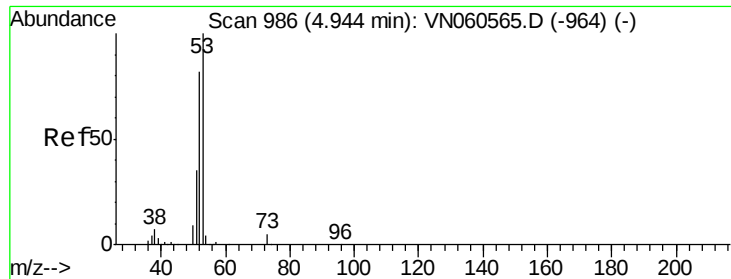
apatel
4/9/2020 12:29:30 PM



#14
Allyl chloride
Concen: 52.319 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	41	Resp	192021
Ion Ratio	Lower	Upper	
41	100		
39	69.5	57.8	86.8
76	33.8	28.6	43.0





#15

Acrylonitrile

Concen: 254.545 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

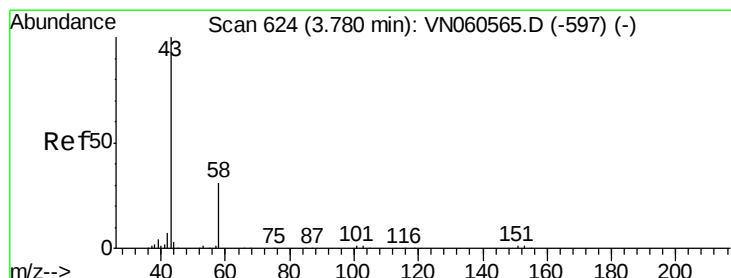
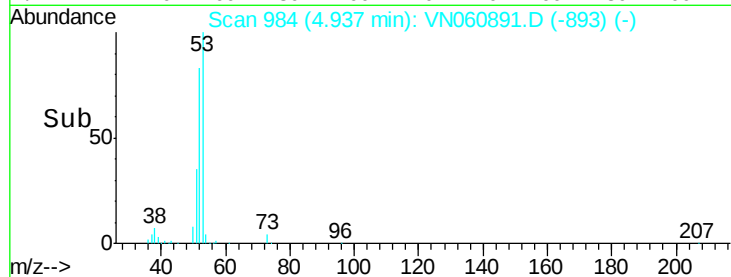
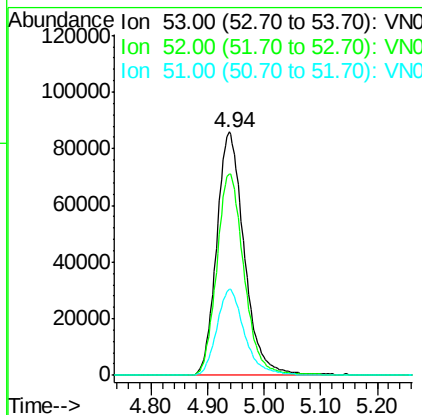
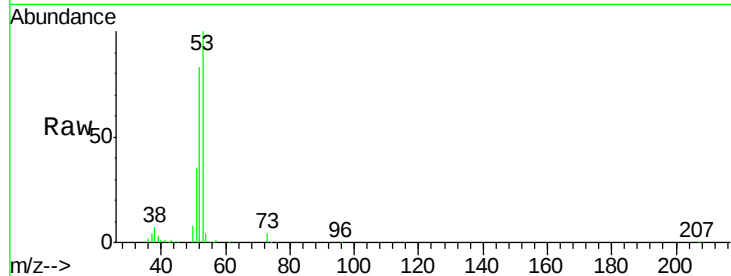
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	291264
Ion Ratio	Lower	Upper	
53	100		
52	81.5	66.2	99.4
51	35.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 343.048 ug/l

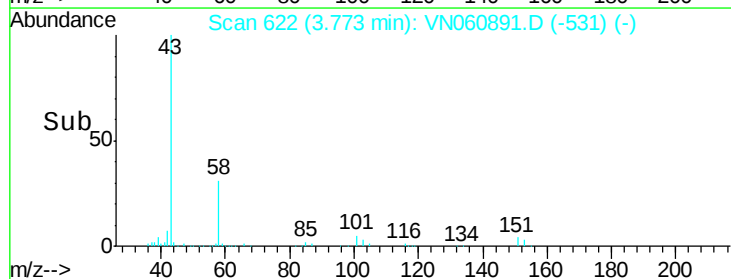
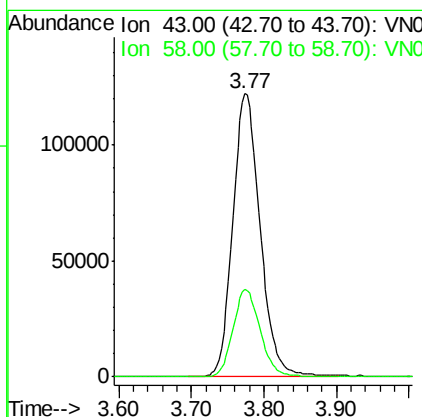
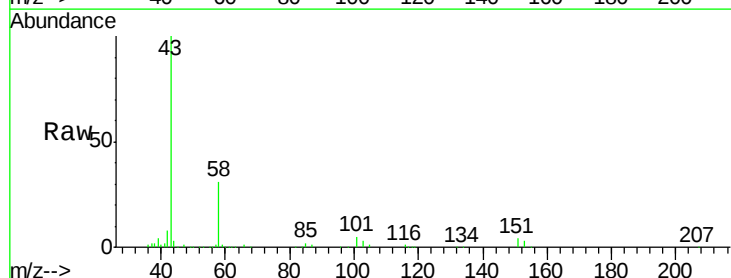
RT: 3.77 min Scan# 622

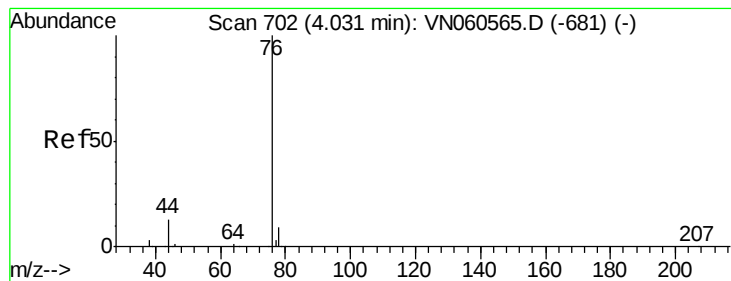
Delta R.T. -0.01 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Tgt Ion:	43	Resp:	321512
Ion Ratio	Lower	Upper	
43	100		
58	30.9	25.1	37.7





#17

Carbon Disulfide

Concen: 45.060 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 285974

Ion Ratio Lower Upper

76 100

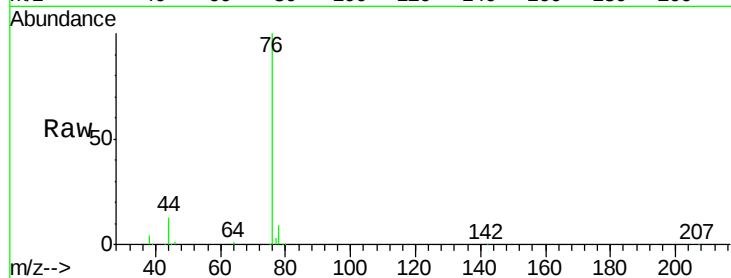
78 8.9 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VN060891.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060891.D (-609) (-)

4.03

120000

100000

80000

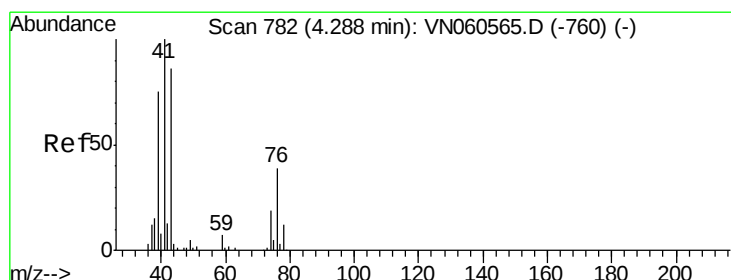
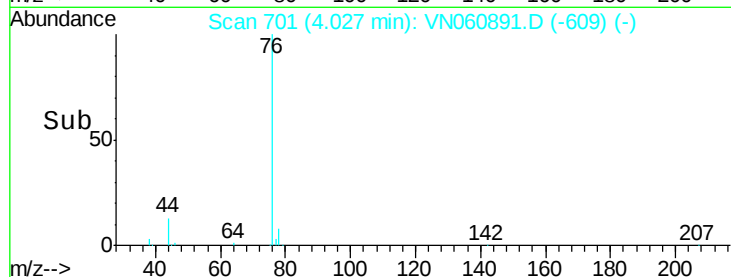
60000

40000

20000

0

Time--> 3.90 4.00 4.10



#18

Methyl Acetate

Concen: 53.197 ug/l

RT: 4.28 min Scan# 780

Delta R.T. -0.01 min

Lab File: VN060891.D

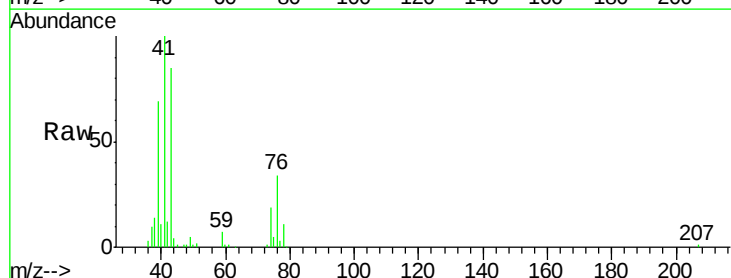
Acq: 8 Apr 2020 10:17

Tgt Ion: 43 Resp: 140334

Ion Ratio Lower Upper

43 100

74 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060891.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060891.D (-689) (-)

4.28

50000

40000

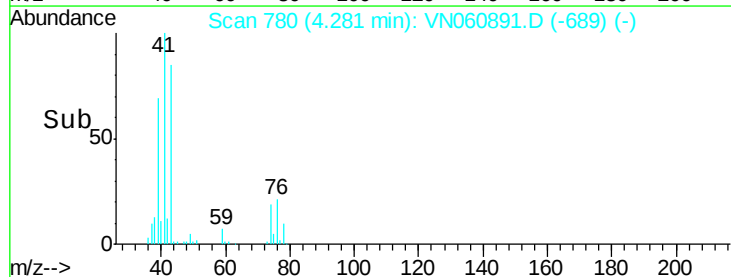
30000

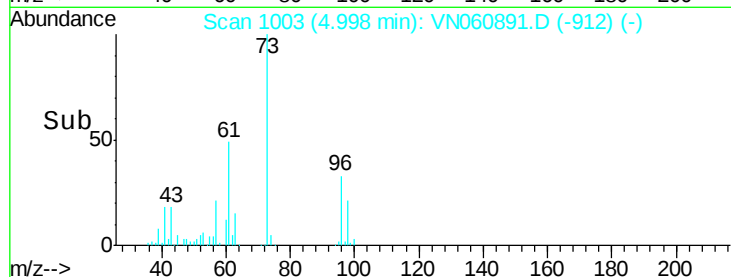
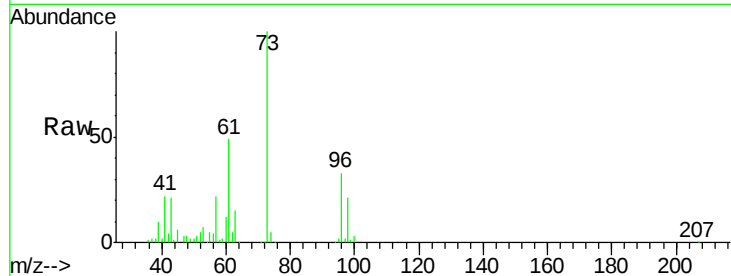
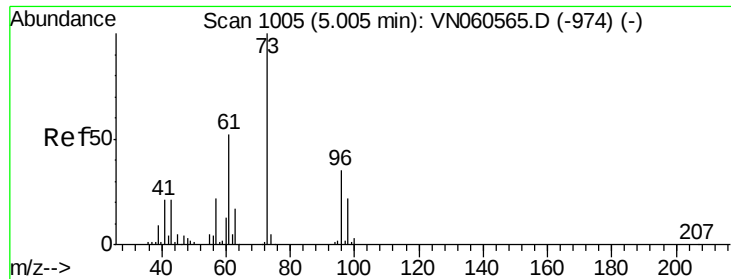
20000

10000

0

Time--> 4.10 4.20 4.30 4.40





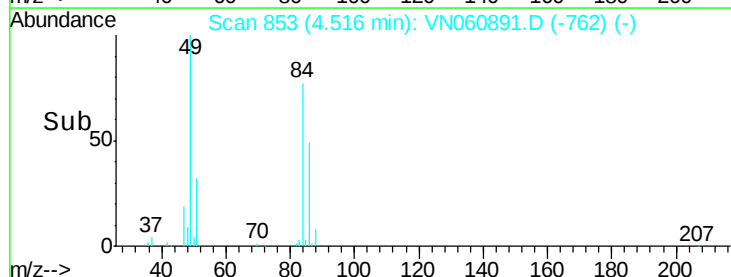
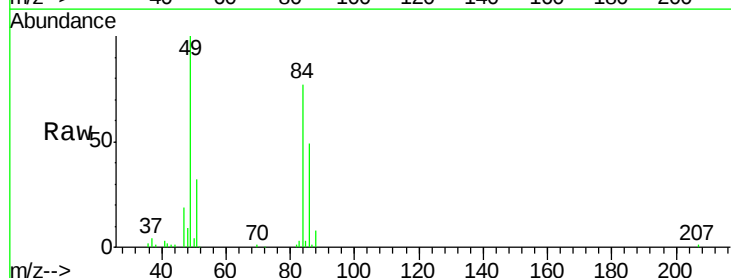
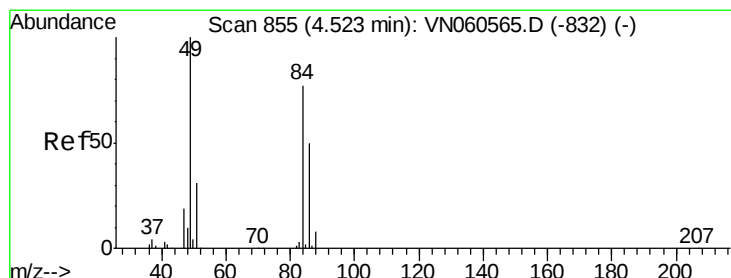
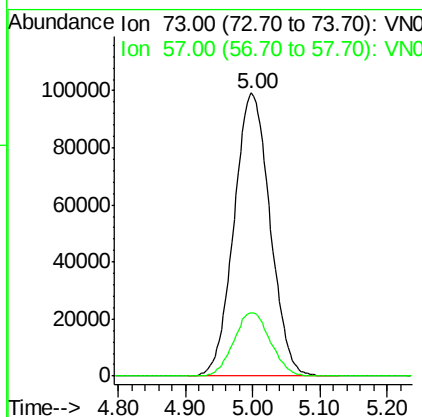
#19
Methvl tert-butvl Ether
Concen: 51.427 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tot Ion: 73 Resp: 368964
Ion Ratio Lower Upper
73 100
57 22.5 17.5 26.3

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

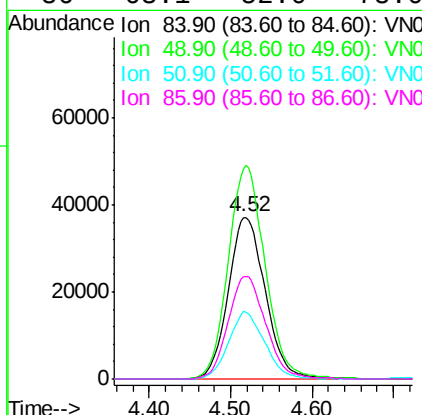
Manual Integrations
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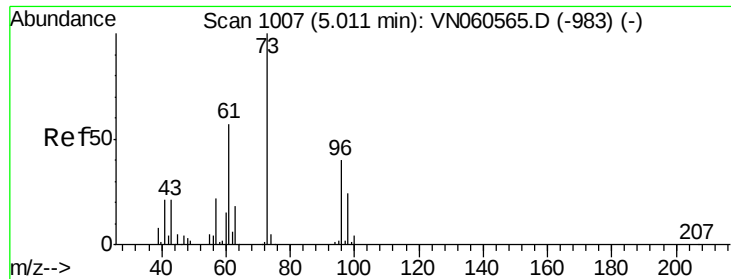
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#20
Methylene Chloride
Concen: 51.030 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 84 Resp: 117650
Ion Ratio Lower Upper
84 100
49 129.8 103.3 154.9
51 41.6 31.6 47.4
86 63.1 52.0 78.0





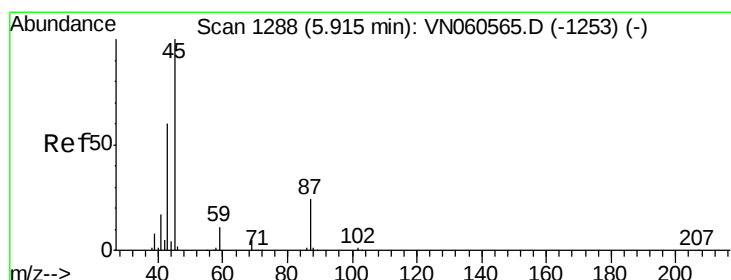
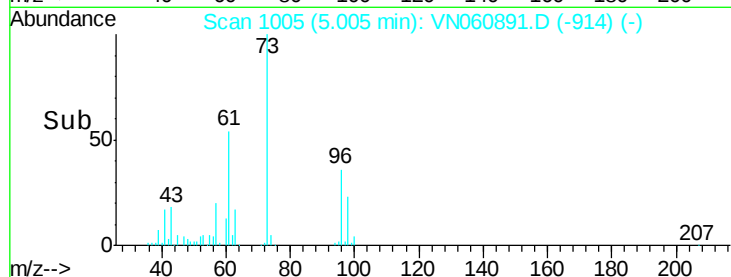
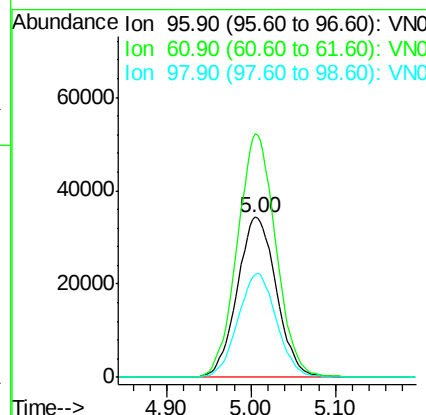
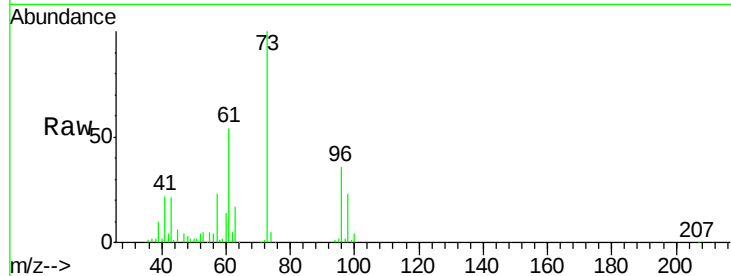
#21
trans-1,2-Dichloroethene
Concen: 49.786 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.0	114.4	171.6
98	64.2	48.4	72.6

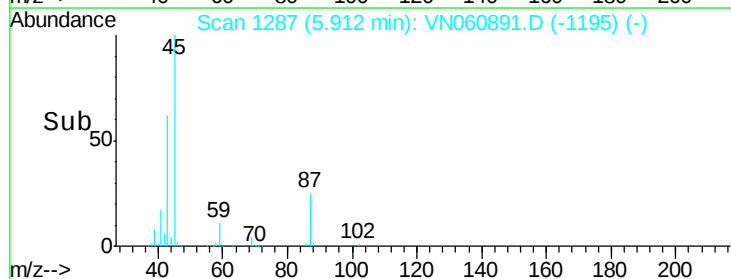
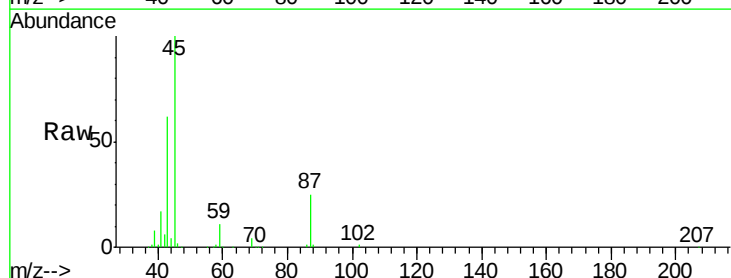
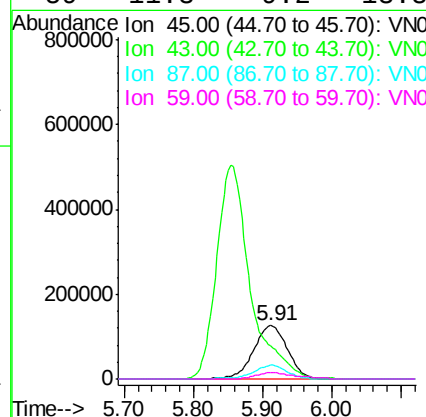
Manual Integrations
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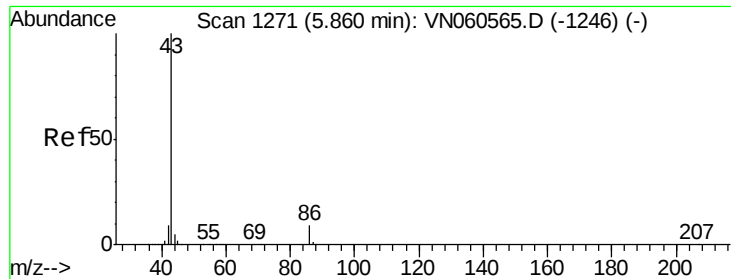
apatel
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#22
Diisopropyl ether
Concen: 55.253 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	60.7	49.8	74.8
87	25.4	20.1	30.1
59	11.3	9.2	13.8





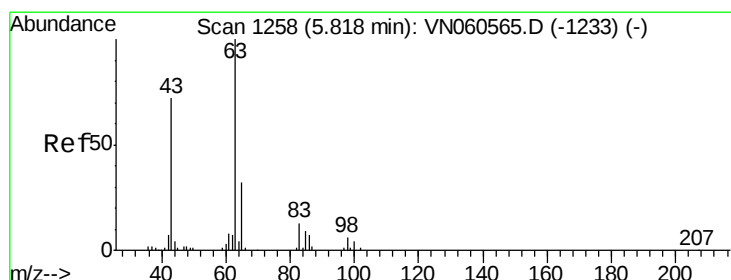
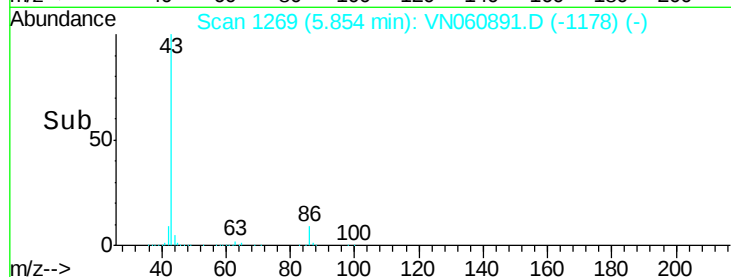
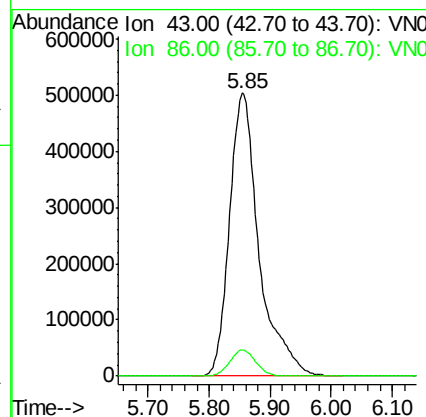
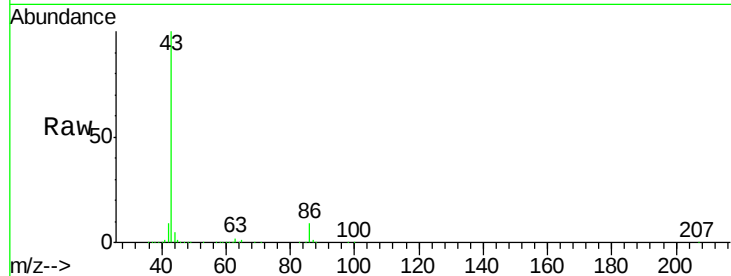
#23
 Vinyl Acetate
 Concen: 268.039 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 43 Resp: 1695762
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.6 11.4

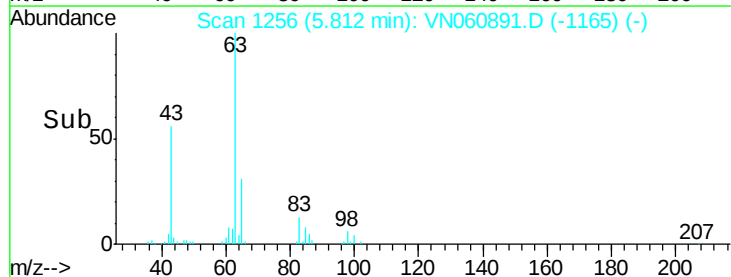
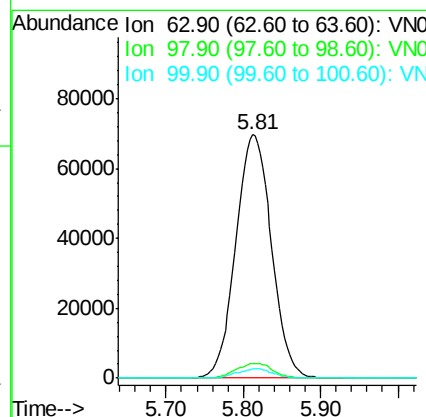
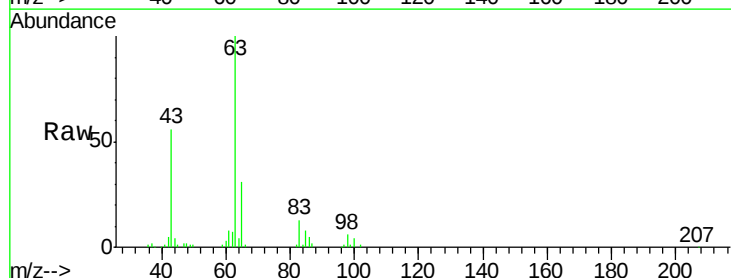
Manual Integrations
 APPROVED

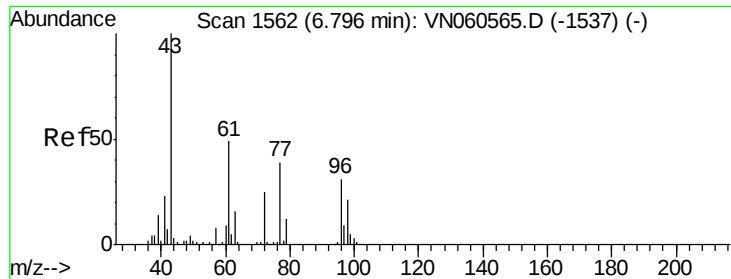
apatel
 4/9/2020 12:29:30 PM



#24
 1,1-Dichloroethane
 Concen: 52.725 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion: 63 Resp: 222873
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.9 8.7
 100 3.8 1.8 5.5





#25

2-Butanone

Concen: 278.244 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 421980

Ion Ratio Lower Upper

43 100

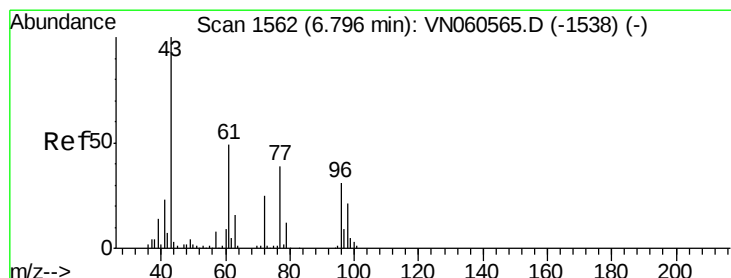
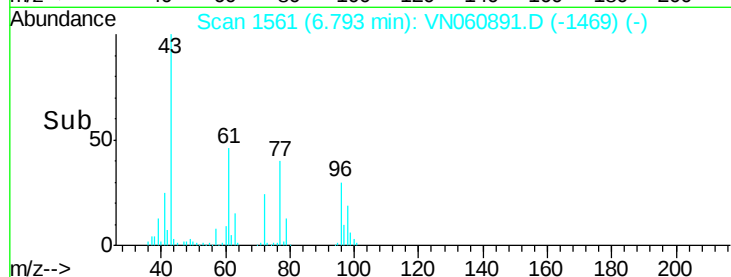
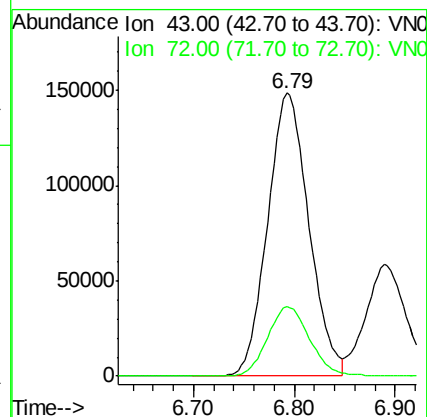
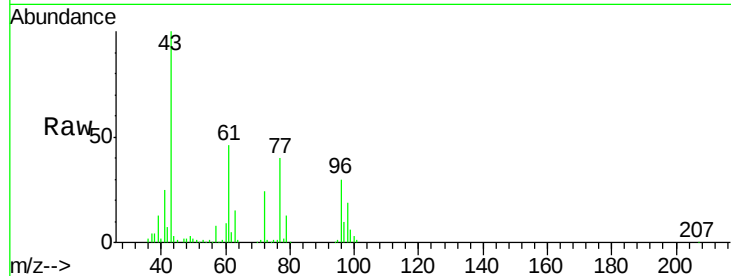
72 24.5 20.4 30.6

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#26

2,2-Dichloropropane

Concen: 57.259 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060891.D

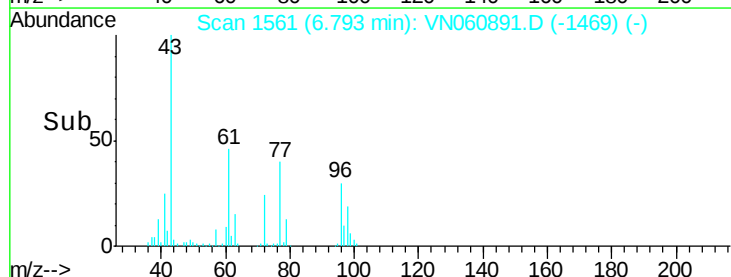
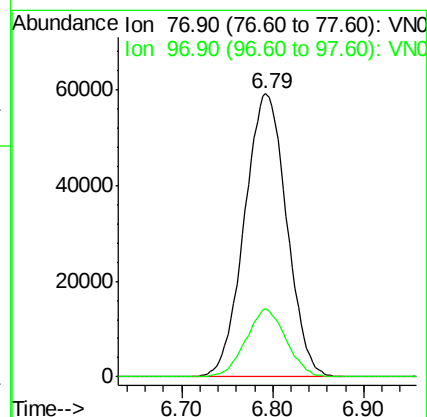
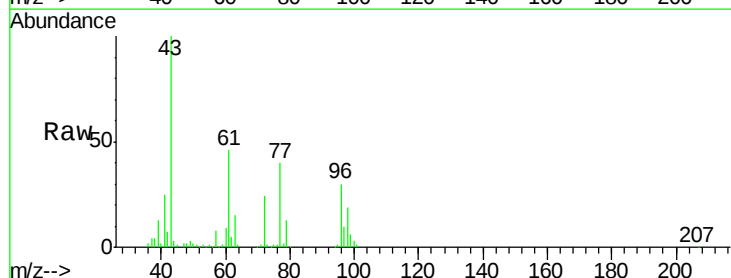
Acq: 8 Apr 2020 10:17

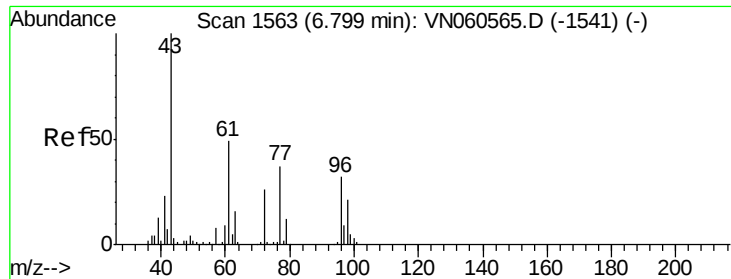
Tgt Ion: 77 Resp: 190432

Ion Ratio Lower Upper

77 100

97 22.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 51.310 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

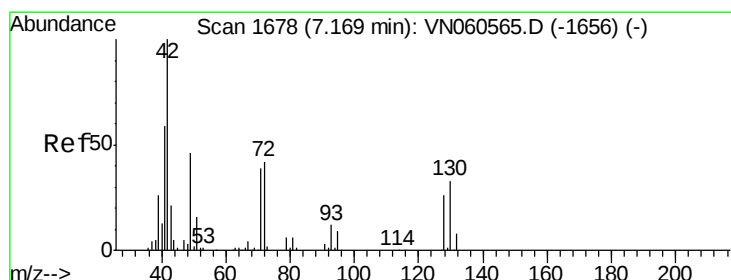
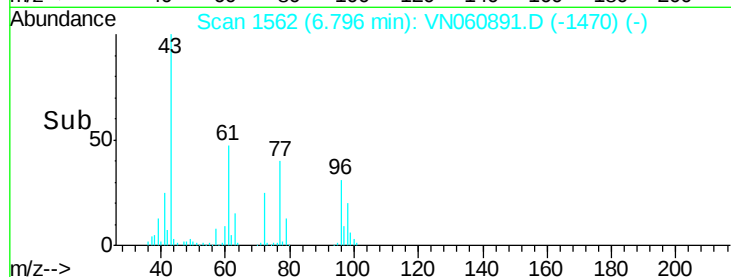
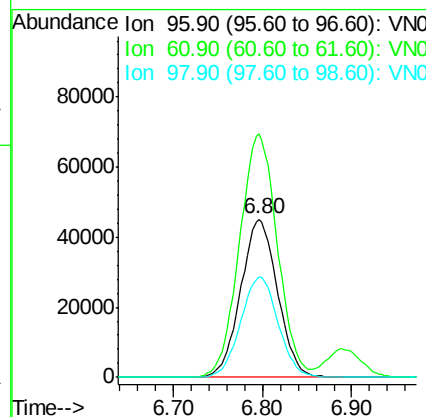
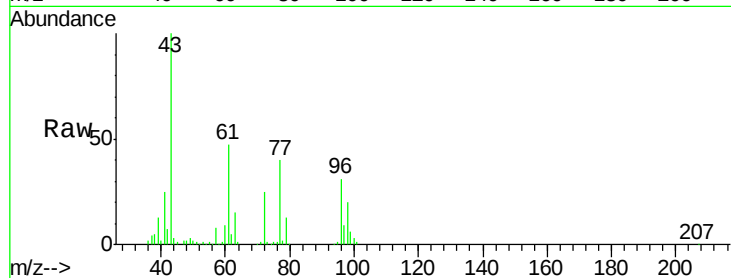
ClientSampled :

VSTDCCC050

Tot Ion:	96	Resp:	129677
Ion	Ratio	Lower	Upper
96	100		
61	157.7	0.0	305.6
98	64.4	0.0	127.6

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#28

Bromochloromethane

Concen: 50.197 ug/l

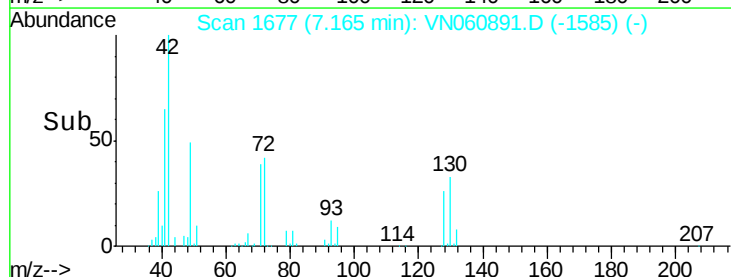
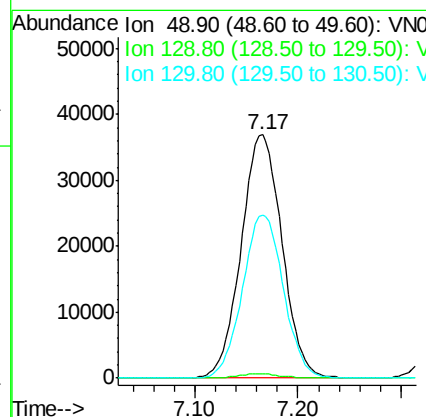
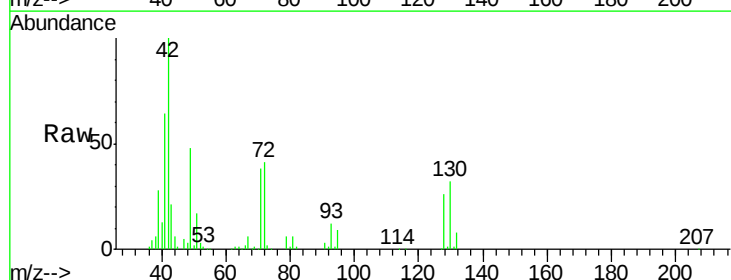
RT: 7.17 min Scan# 1677

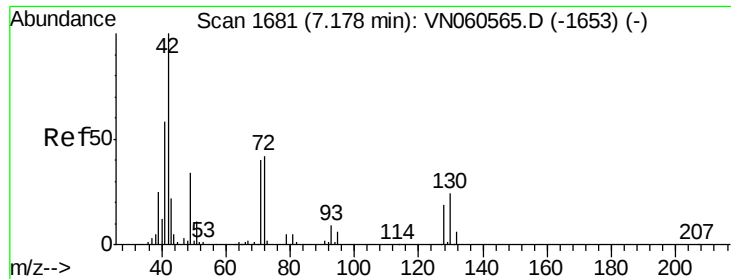
Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Tgt Ion:	49	Resp:	101518
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.4
130	67.1	55.0	82.4





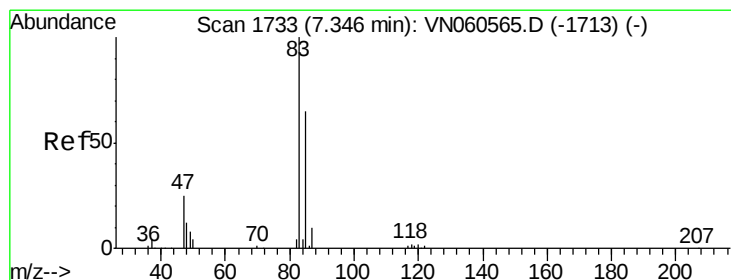
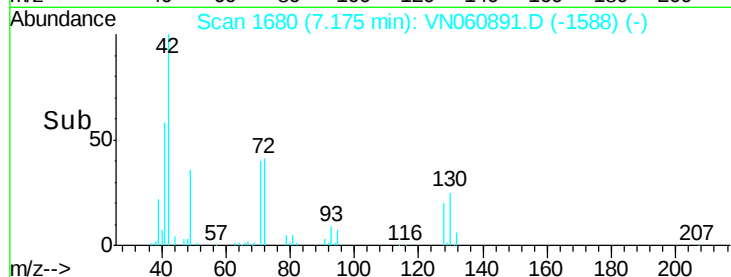
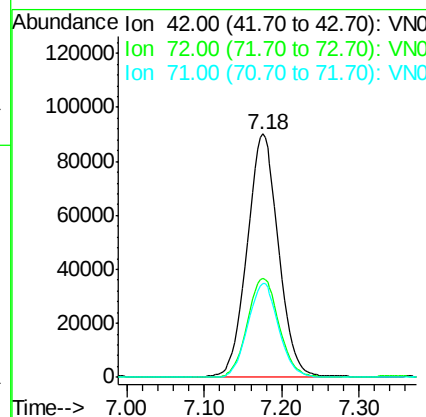
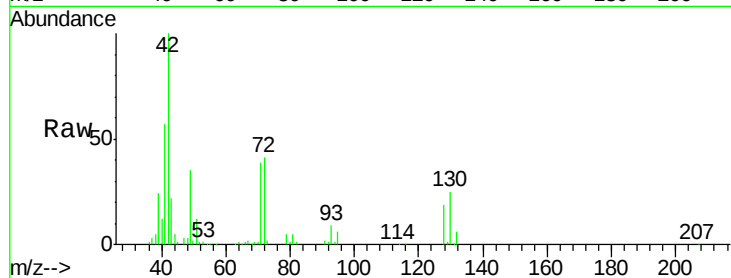
#29
Tetrahydrofuran
Concen: 238.195 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.2	49.8
71	37.7	31.1	46.7

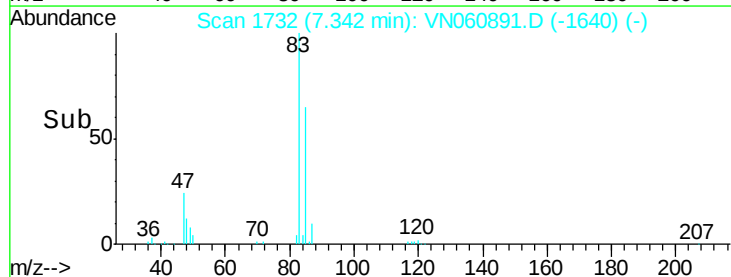
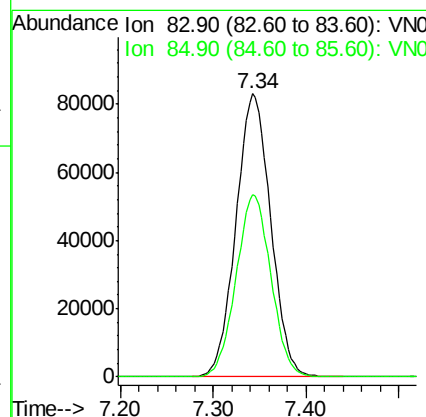
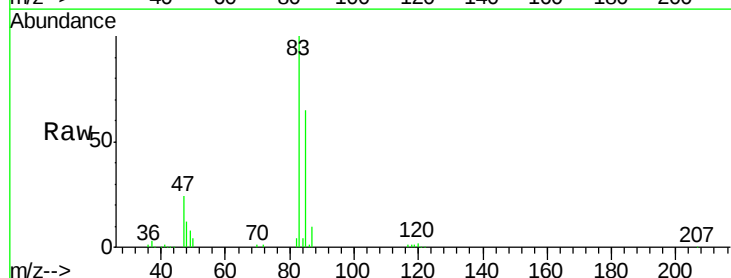
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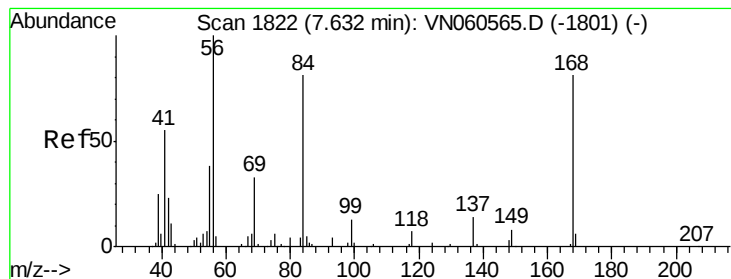
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#30
Chloroform
Concen: 53.261 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.8





#31

Cyclohexane

Concen: 48.038 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

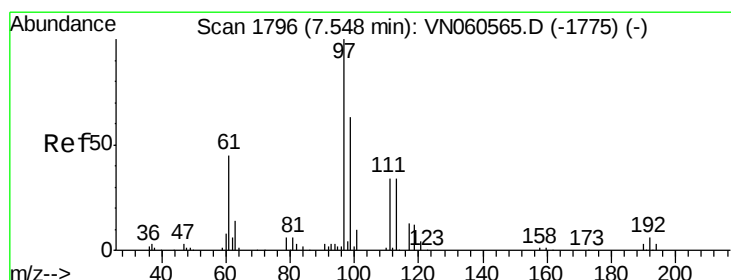
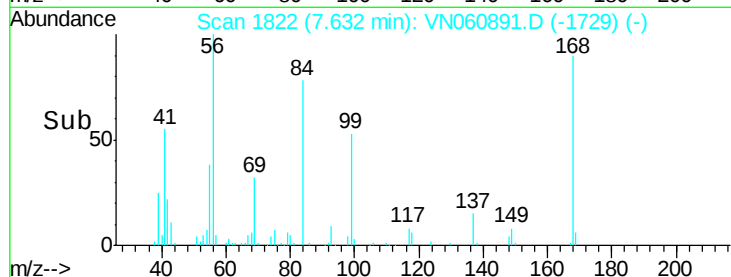
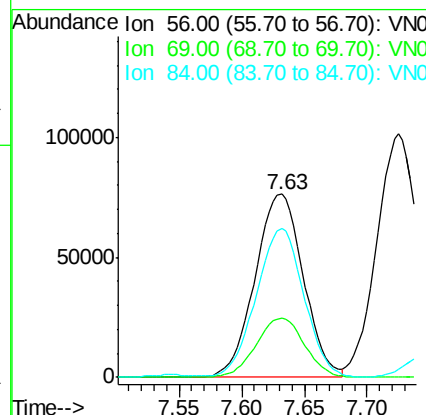
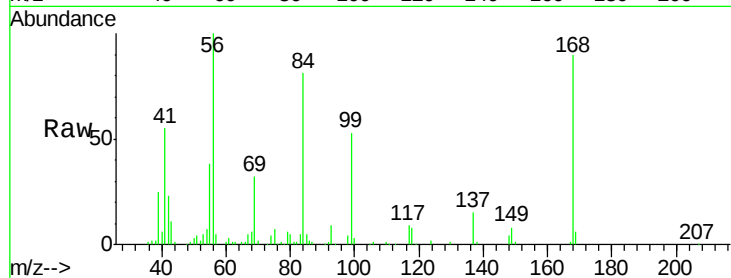
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	204714
Ion	Ratio	Lower	Upper
56	100		
69	32.2	26.6	40.0
84	80.5	64.3	96.5

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#32

1,1,1-Trichloroethane

Concen: 52.019 ug/l

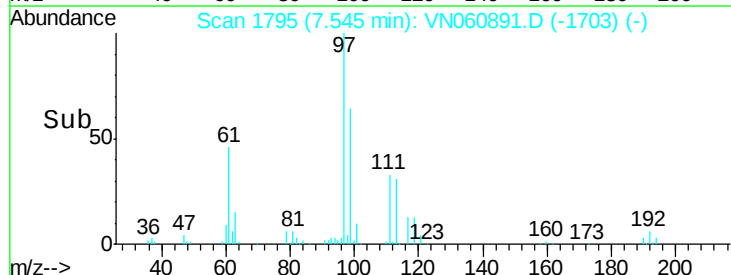
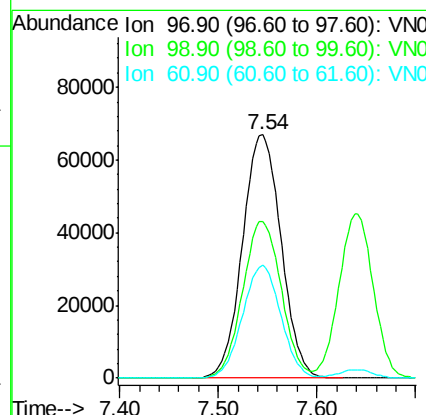
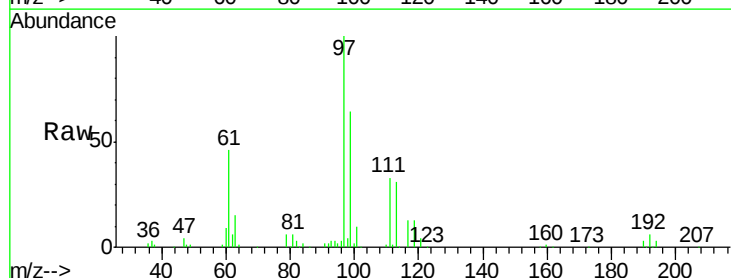
RT: 7.54 min Scan# 1795

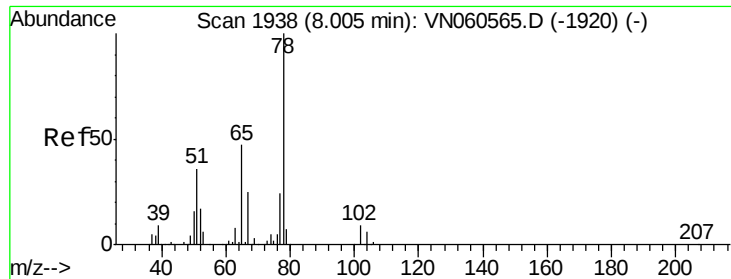
Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Tgt Ion:	97	Resp:	181721
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.6	75.8
61	45.9	36.2	54.4





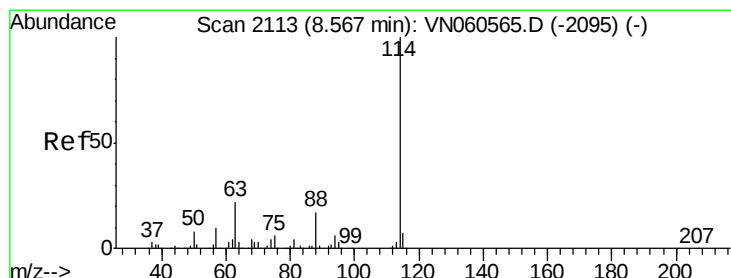
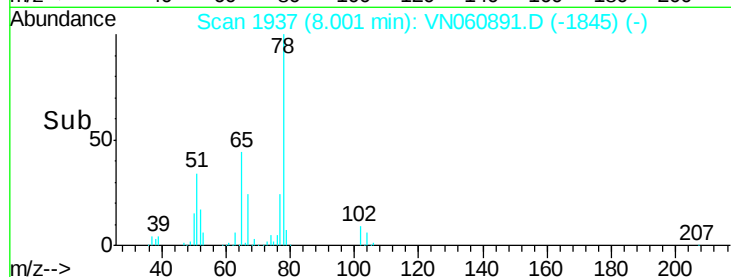
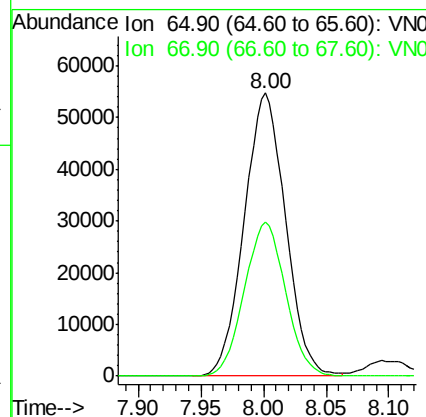
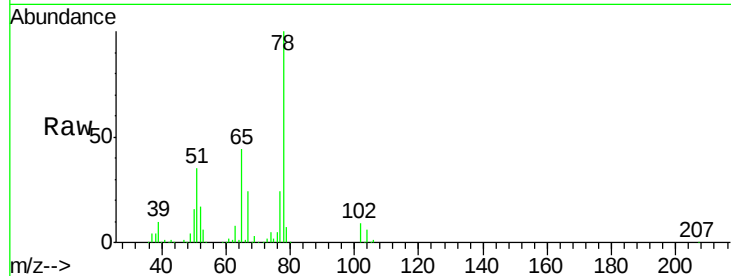
#33
 1,2-Dichloroethane-d4
 Concen: 47.446 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	125537		
67	54.3	0.0	107.6	

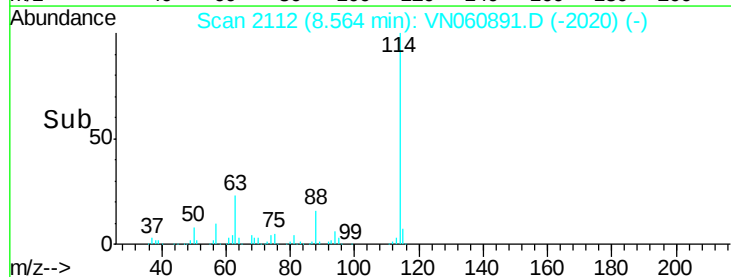
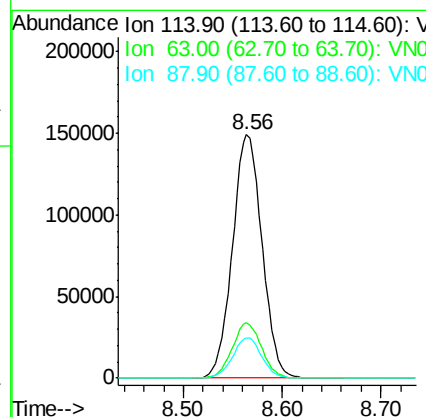
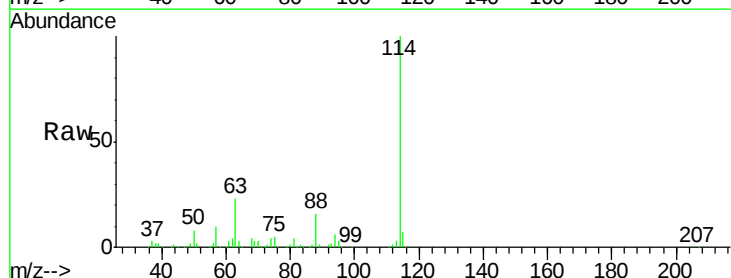
Manual Integrations
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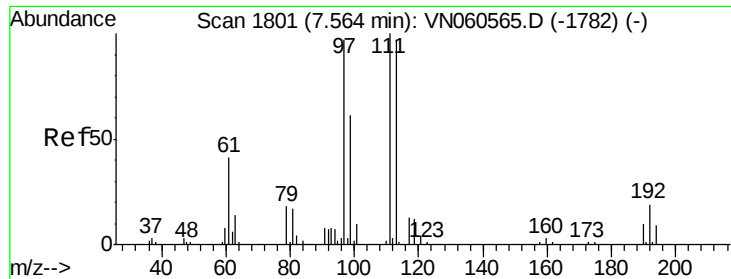
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	312016		
63	22.7	0.0	43.8	
88	16.3	0.0	33.0	





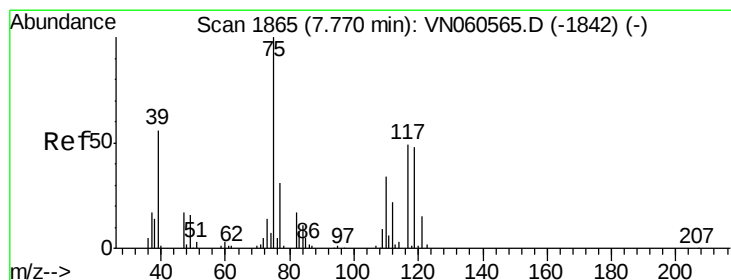
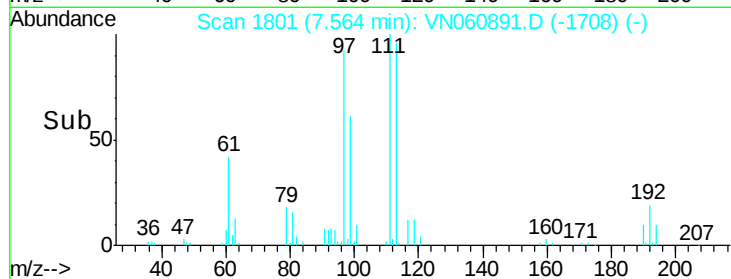
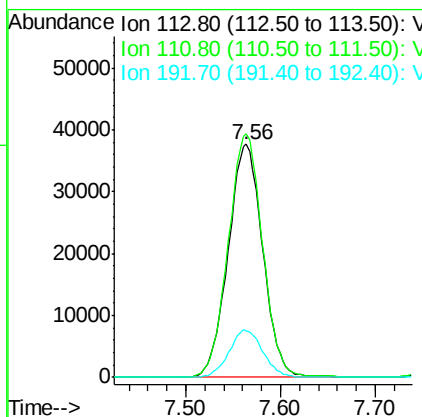
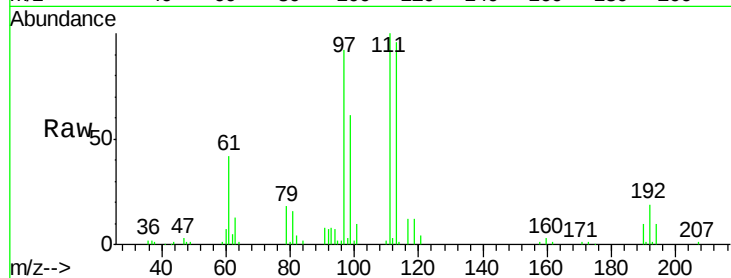
#35
 Dibromofluoromethane
 Concen: 50.658 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	95575		
111	103.5	82.9	124.3	
192	19.8	15.8	23.8	

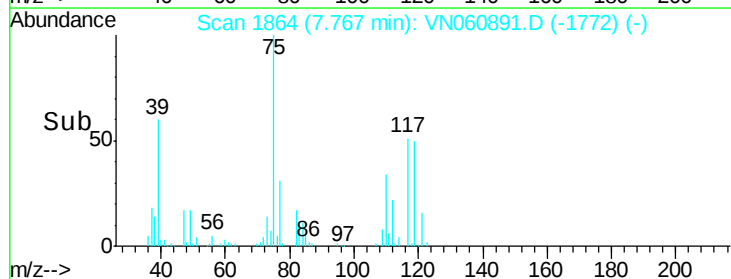
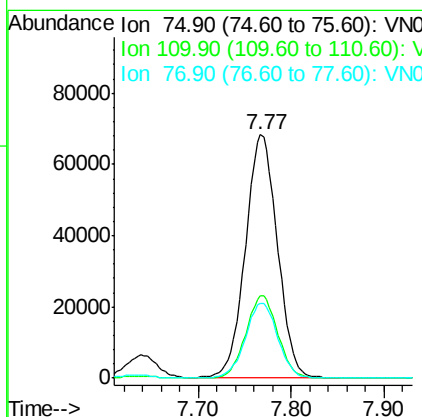
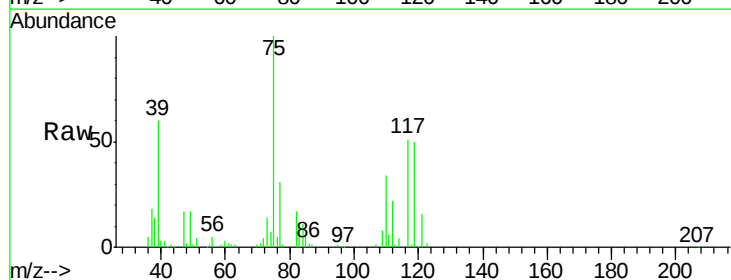
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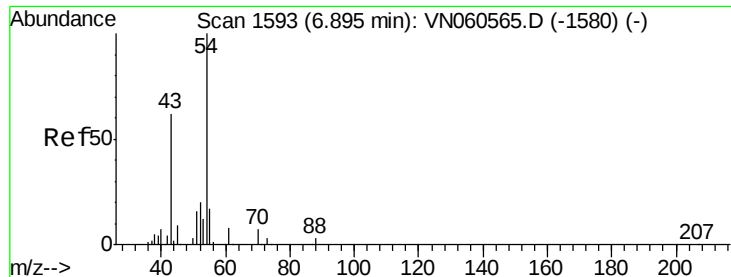
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#36
 1,1-Dichloropropene
 Concen: 54.262 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	163942		
110	33.5	16.9	50.6	
77	31.0	24.6	36.8	





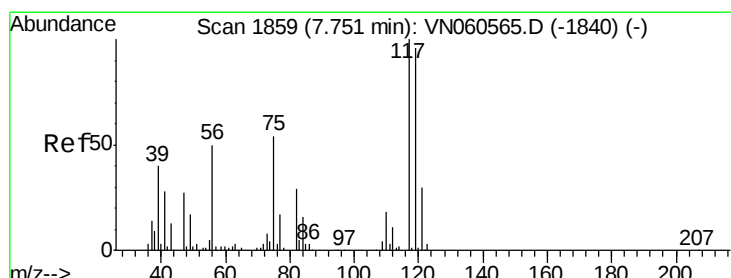
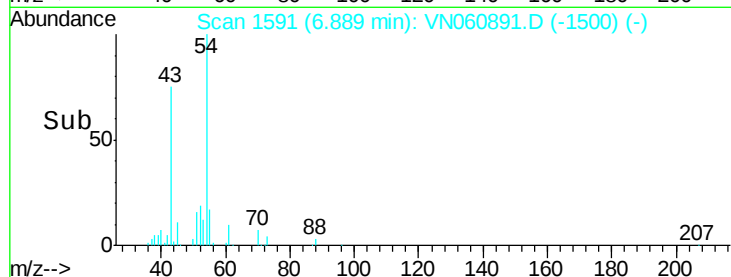
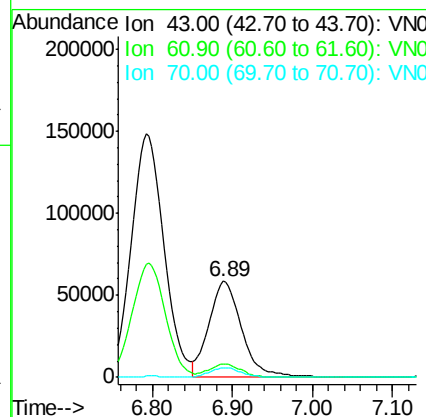
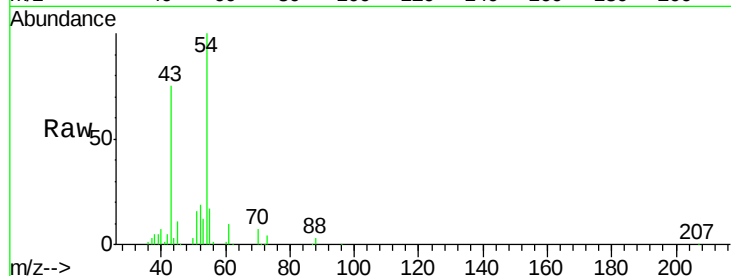
#37
Ethyl Acetate
Concen: 50.736 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	13.7	10.6	15.8	
70	9.7	7.9	11.9	

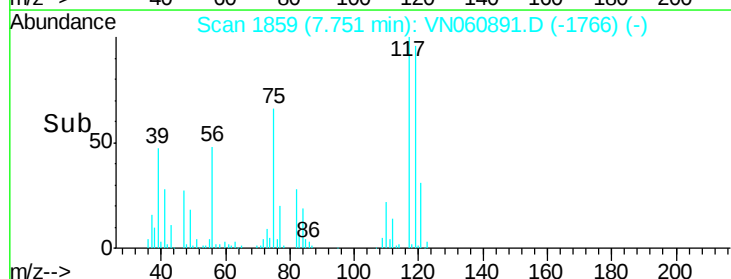
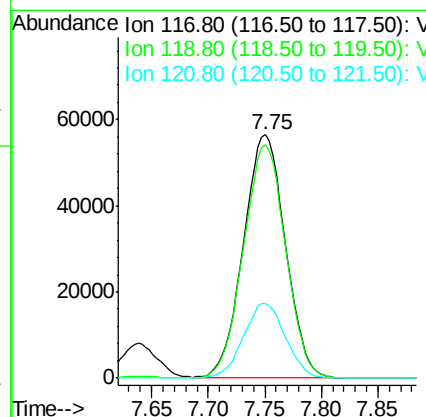
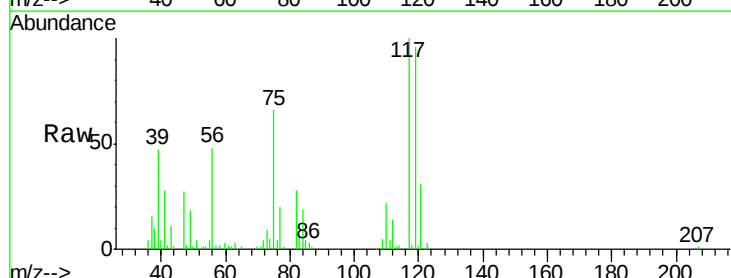
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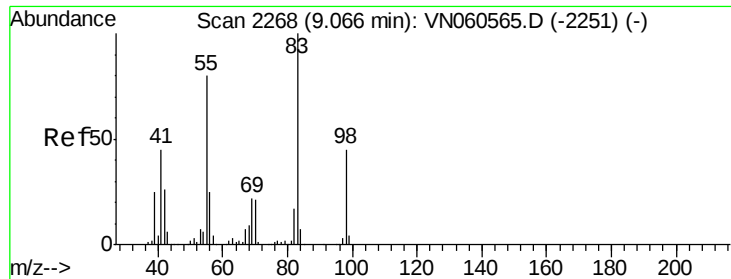
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#38
Carbon Tetrachloride
Concen: 53.822 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	76.2	114.2	
121	30.5	23.7	35.5	





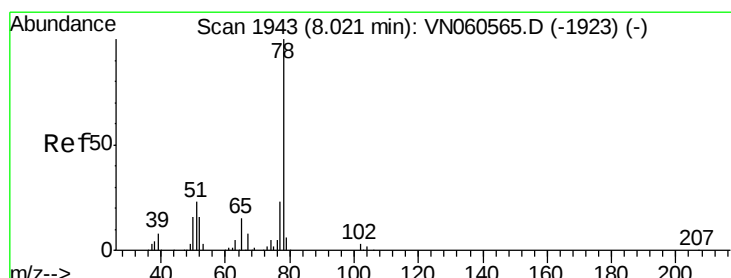
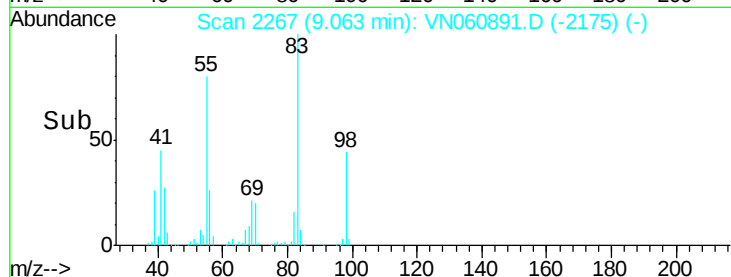
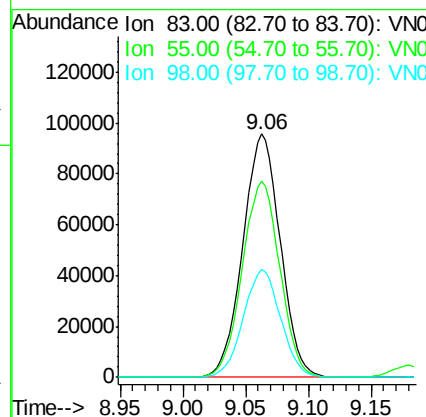
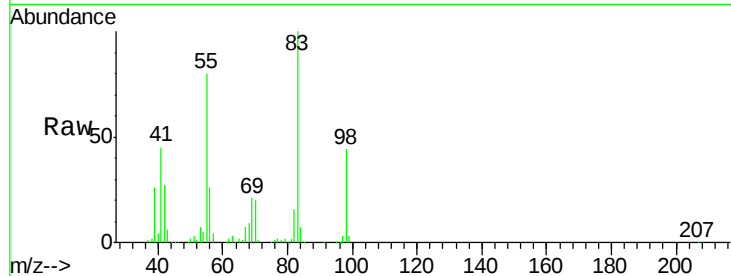
#39
Methvlcvclohexane
Concen: 55.387 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	198864		
55	80.4	63.6	95.4	
98	44.1	36.0	54.0	

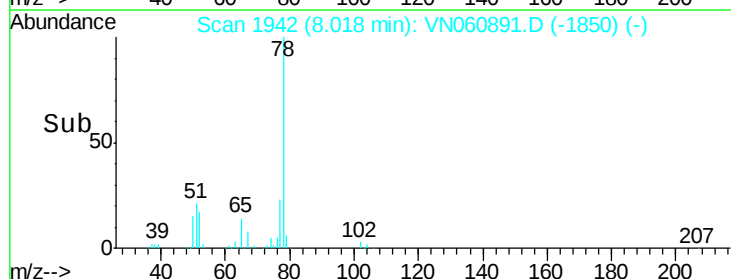
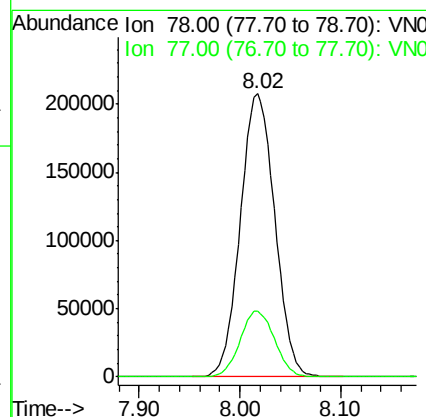
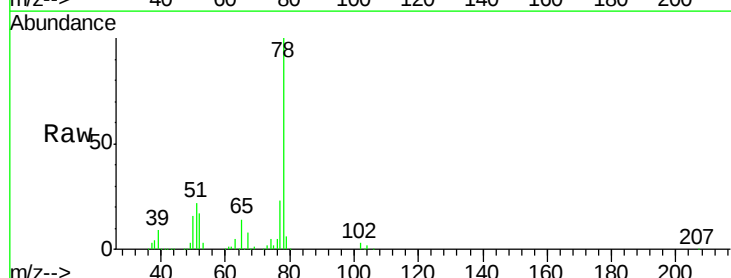
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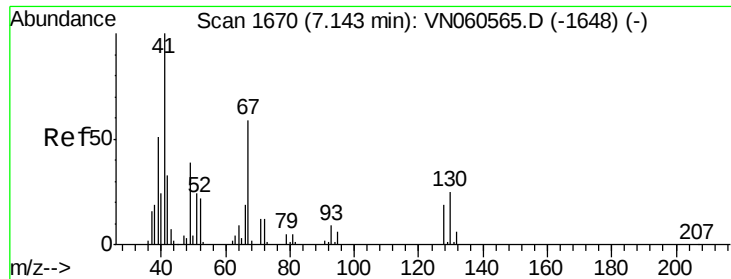
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#40
Benzene
Concen: 53.920 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	491775		
77	23.4	18.6	28.0	





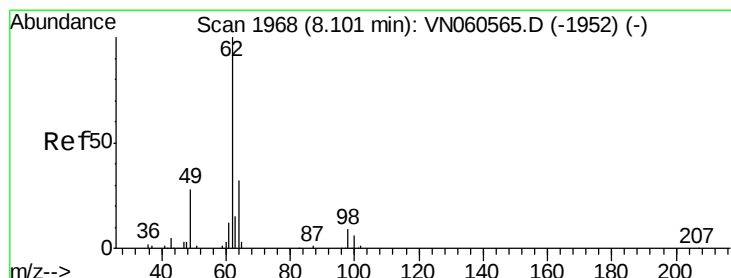
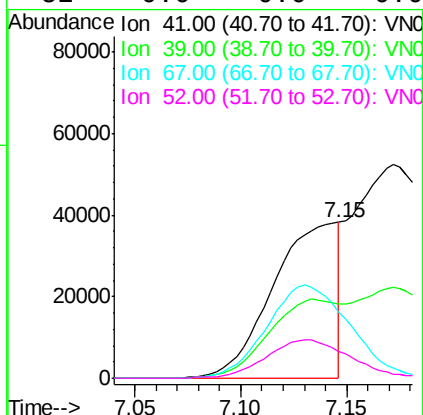
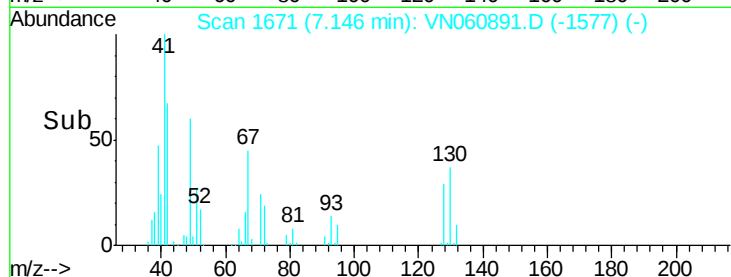
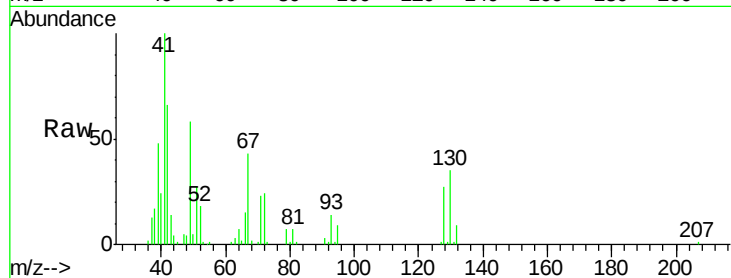
#41
Methacrylonitrile
Concen: 59.172 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	41	Resp	82440
Ion Ratio	Lower	Upper	
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

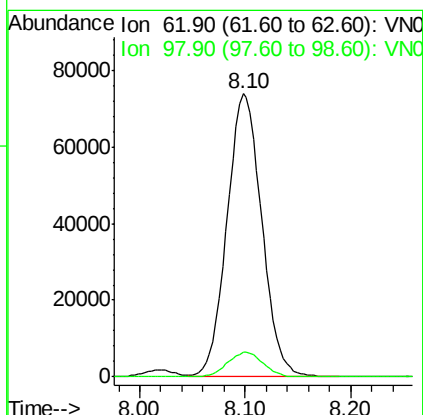
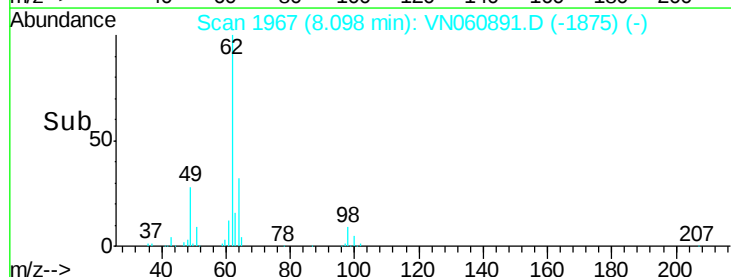
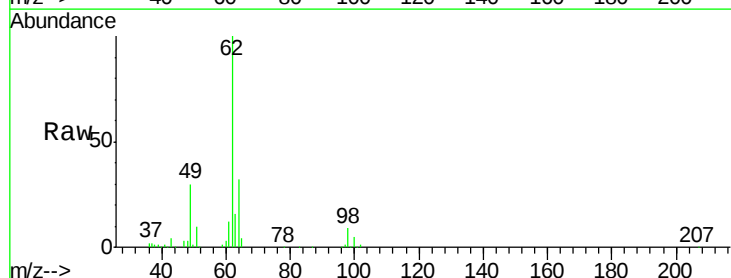
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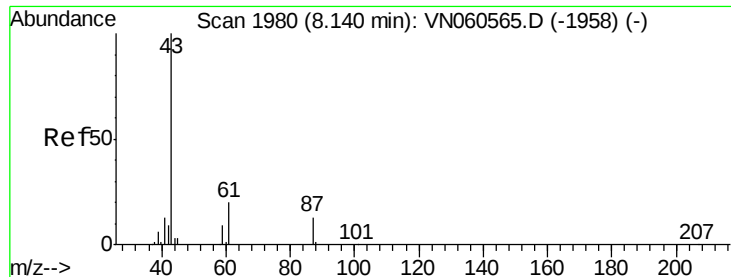
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#42
1,2-Dichloroethane
Concen: 54.226 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	62	Resp	169019
Ion Ratio	Lower	Upper	
62	100		
98	8.8	0.0	17.8





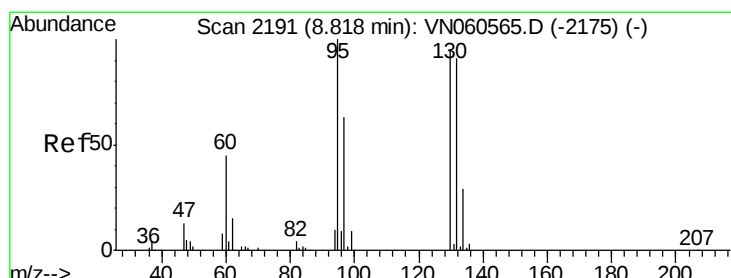
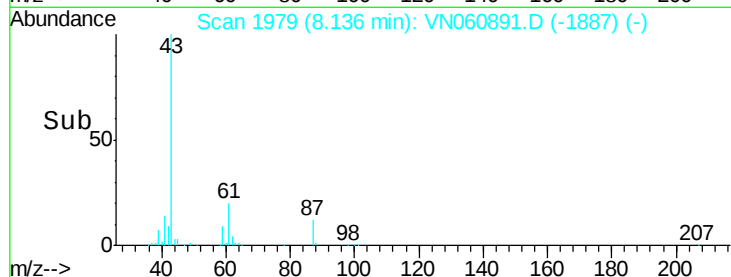
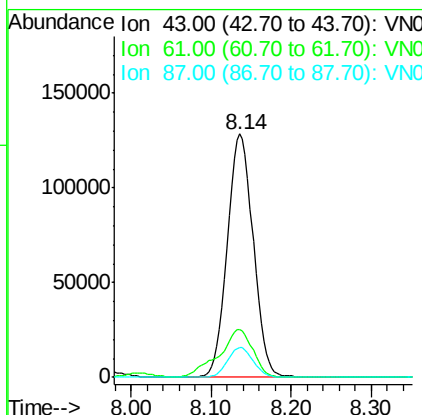
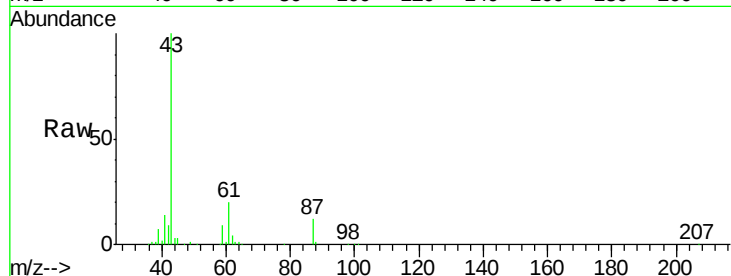
#43
Isopropyl Acetate
Concen: 52.763 ug/l
RT: 8.14 min Scan# 1979
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	26.0	20.7	31.1
87	12.1	9.8	14.8

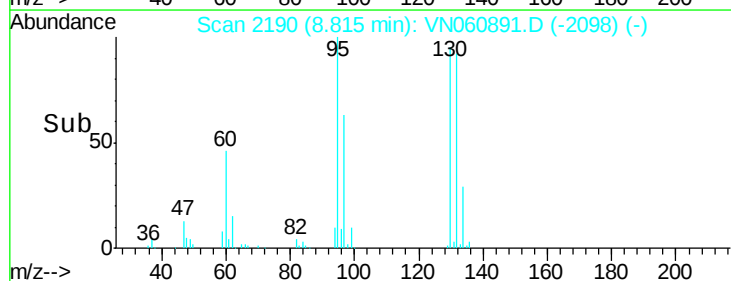
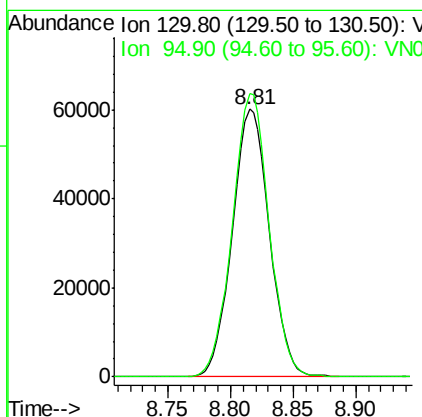
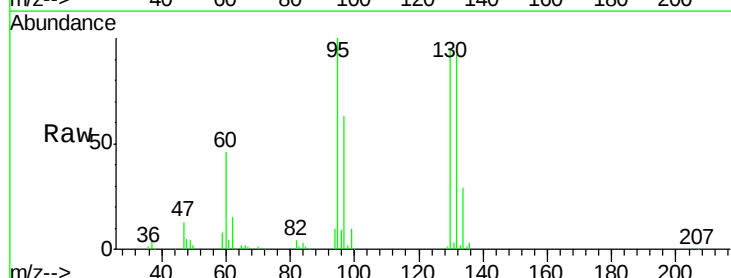
Manual Integrations
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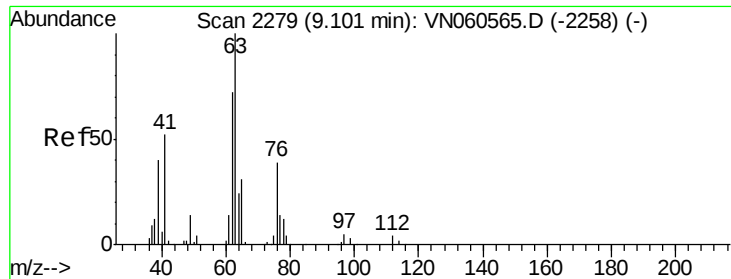
apatel
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#44
Trichloroethene
Concen: 53.747 ug/l
RT: 8.81 min Scan# 2190
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	211.2





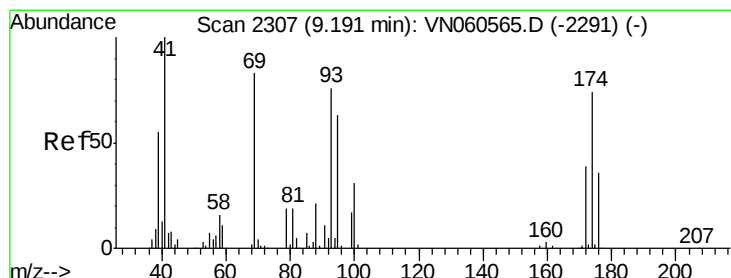
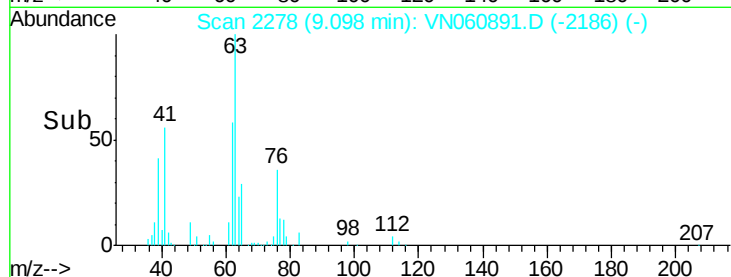
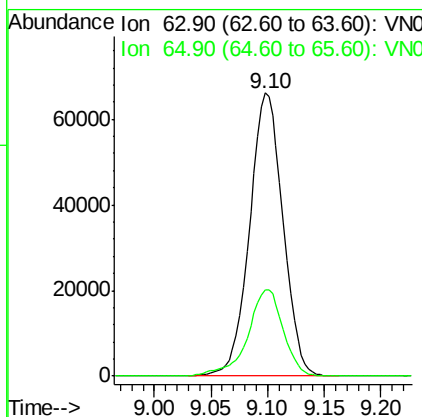
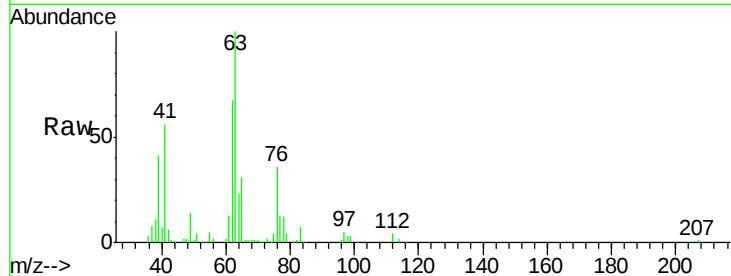
#45
 1,2-Dichloropropane
 Concen: 56.353 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 135620
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.4 38.0

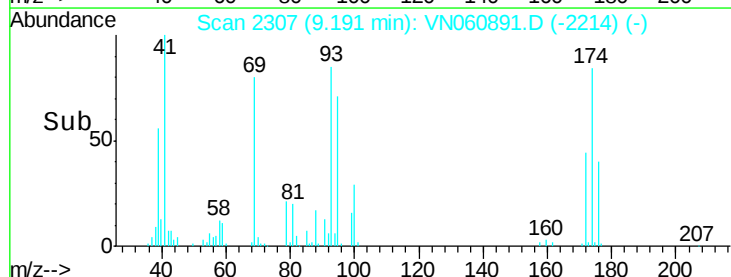
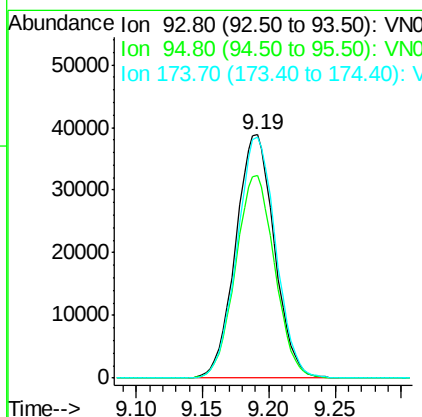
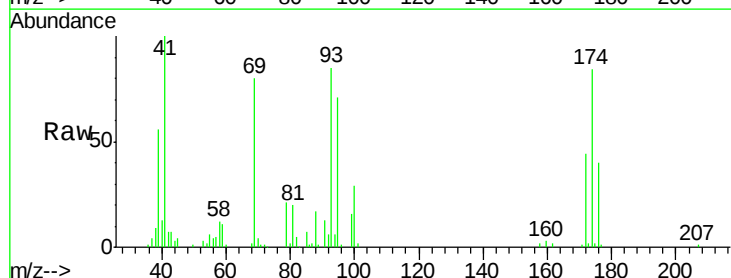
Manual Integrations
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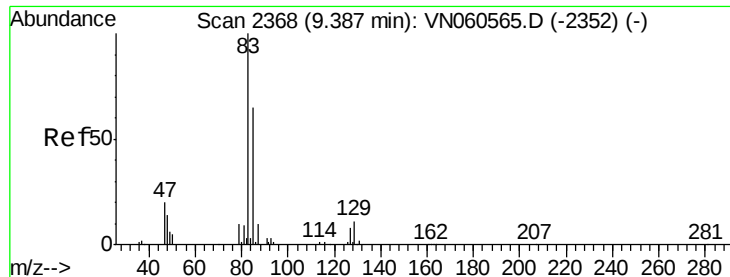
apatel
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#46
 Dibromomethane
 Concen: 54.190 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion: 93 Resp: 78843
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.2 99.4
 174 99.1 77.9 116.9





#47

Bromodichloromethane

Concen: 56.330 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

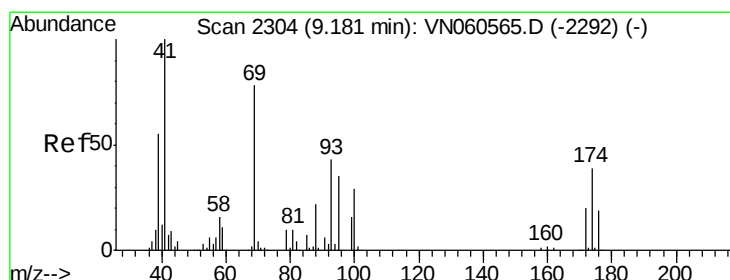
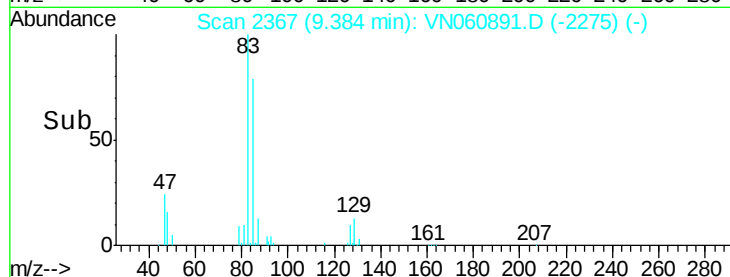
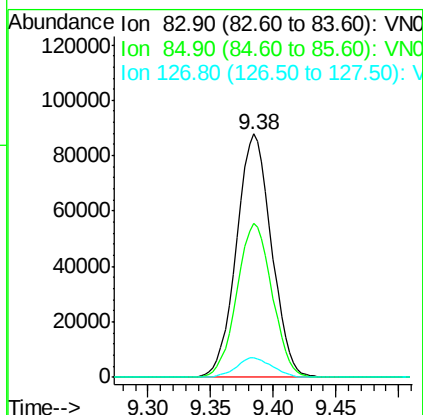
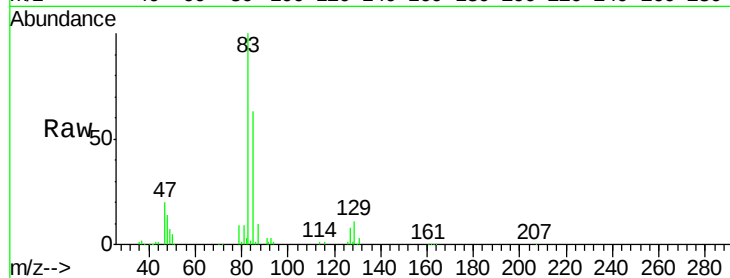
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	170306
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.8	77.6
127	8.0	6.5	9.7

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#48

Methyl methacrylate

Concen: 53.204 ug/l

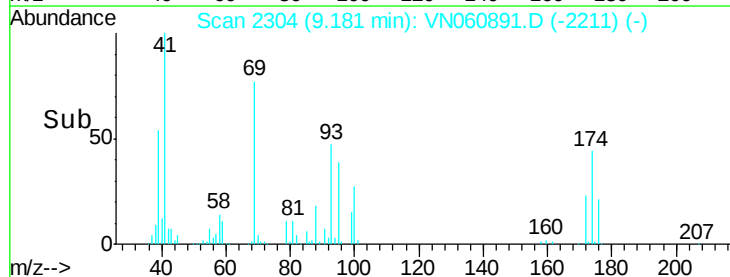
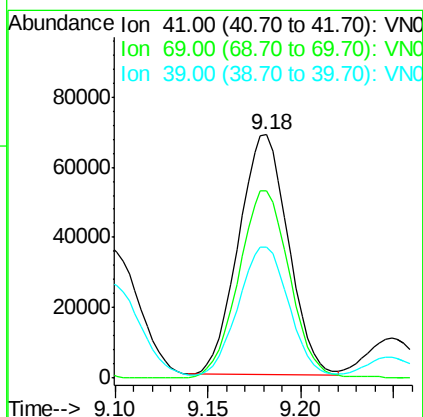
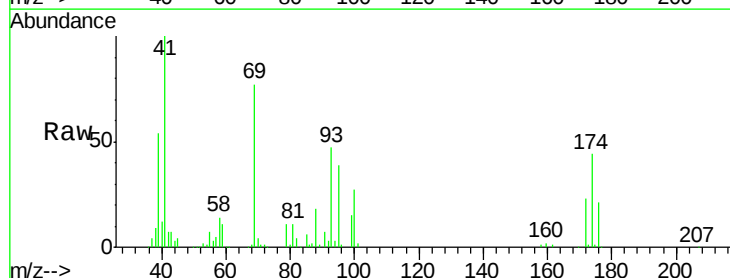
RT: 9.18 min Scan# 2304

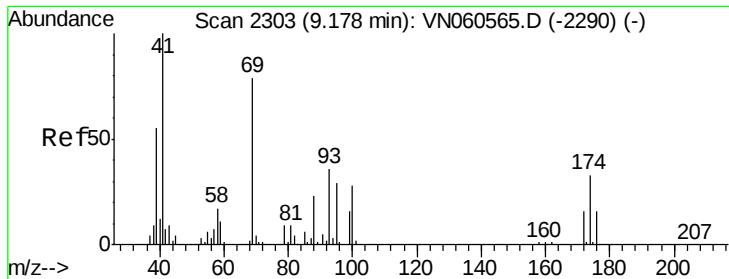
Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Tgt Ion:	41	Resp:	127533
Ion	Ratio	Lower	Upper
41	100		
69	80.1	65.4	98.0
39	53.8	44.0	66.0





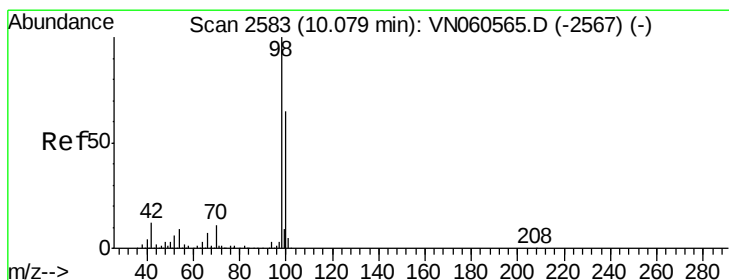
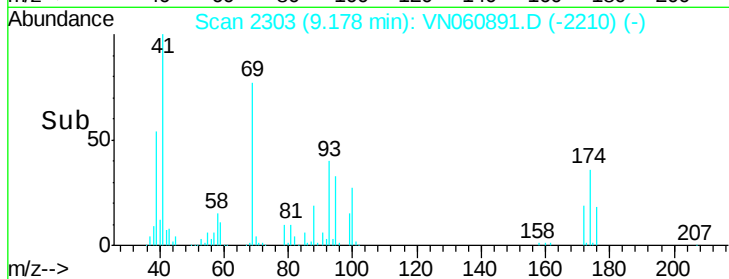
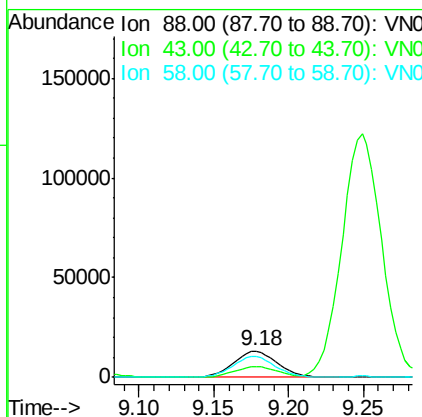
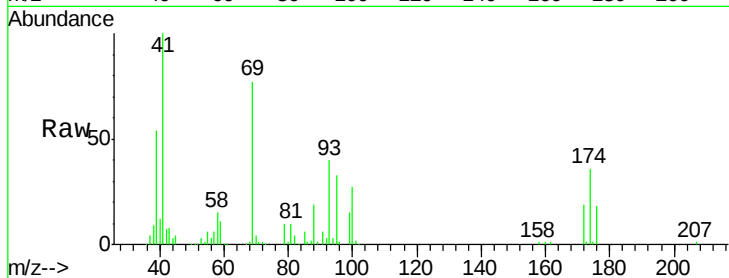
#49
1,4-Dioxane
Concen: 933.950 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.6	30.8	46.2
58	78.6	59.8	89.8

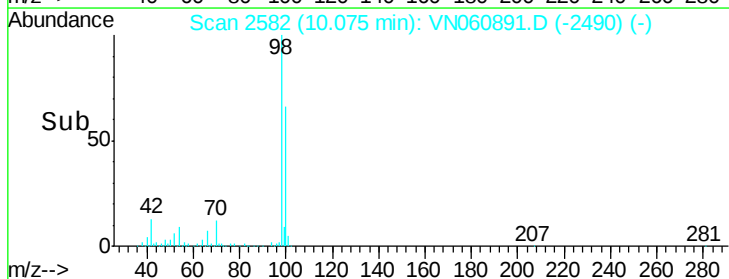
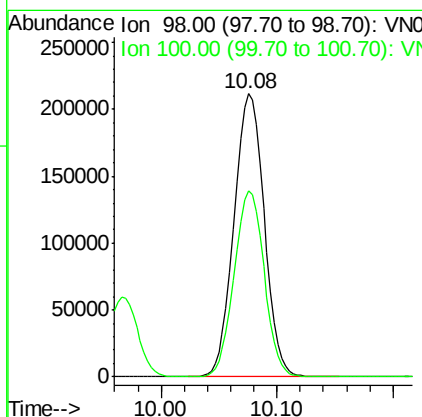
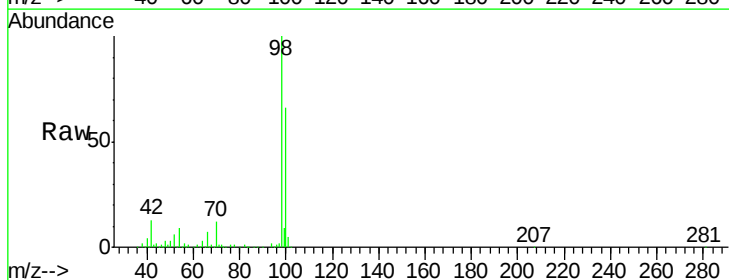
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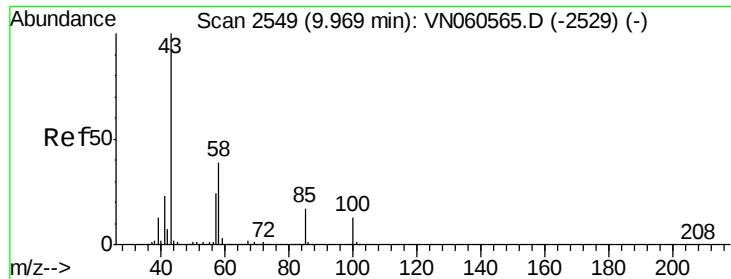
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#50
Toluene-d8
Concen: 49.646 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 265.071 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 812089

Ion Ratio Lower Upper

43 100

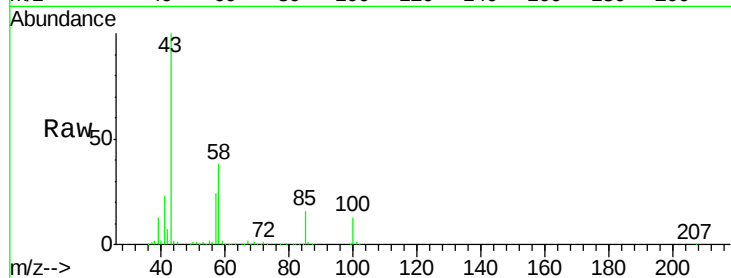
58 38.2 30.8 46.2

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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

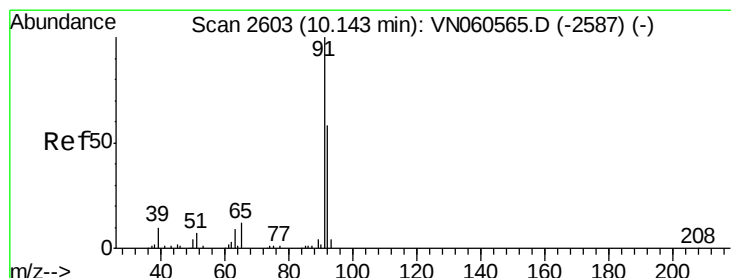
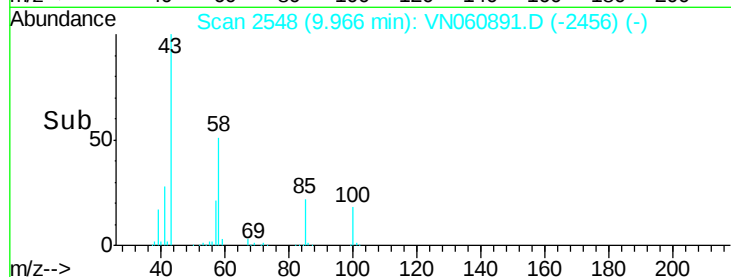
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 54.568 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060891.D

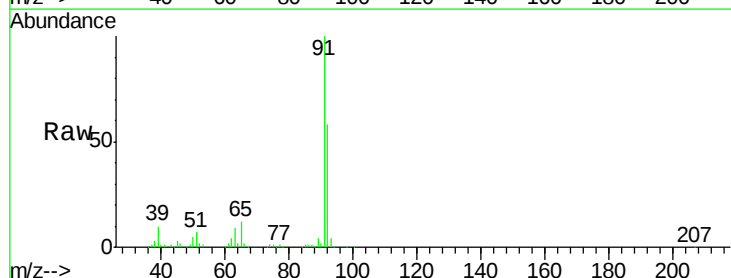
Acq: 8 Apr 2020 10:17

Tgt Ion: 92 Resp: 300572

Ion Ratio Lower Upper

92 100

91 172.4 137.6 206.4



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

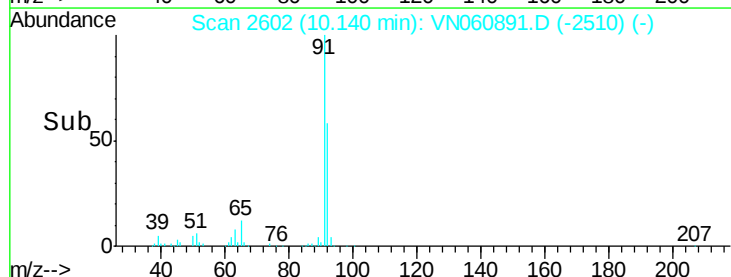
300000

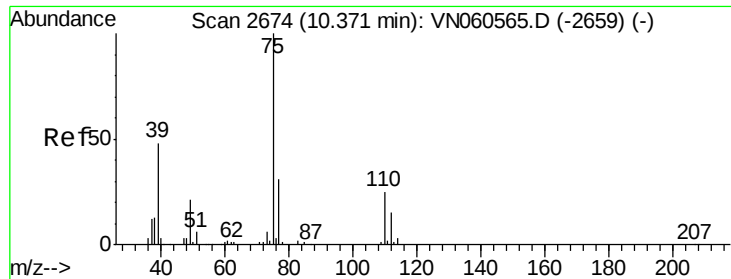
200000

100000

0

Time-->





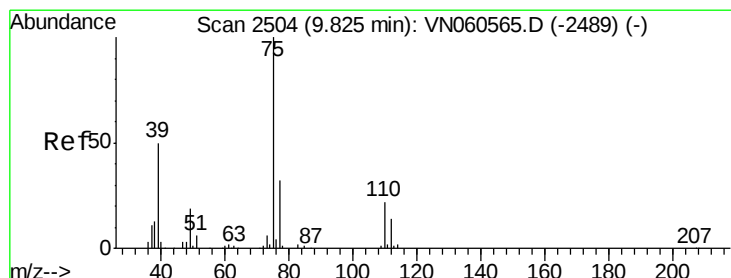
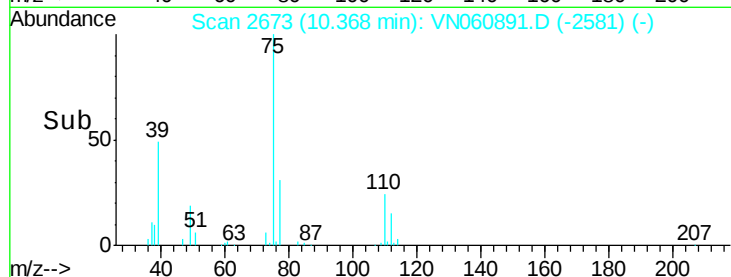
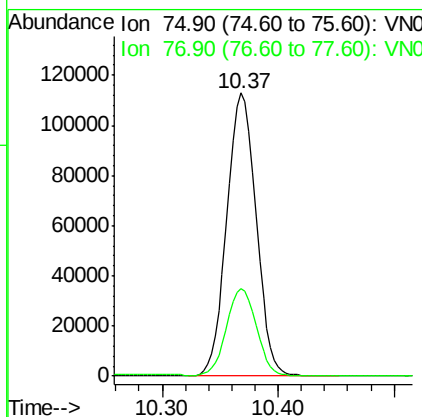
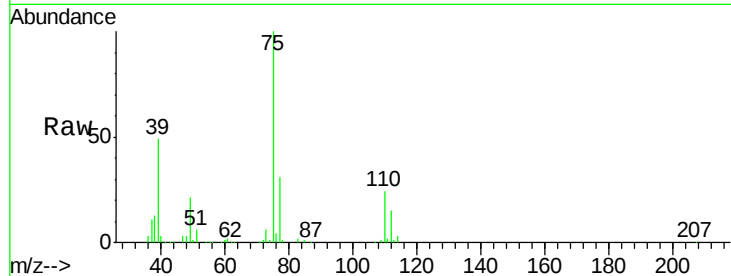
#53
t-1,3-Dichloropropene
Concen: 56.907 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 75 Resp: 197630
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7

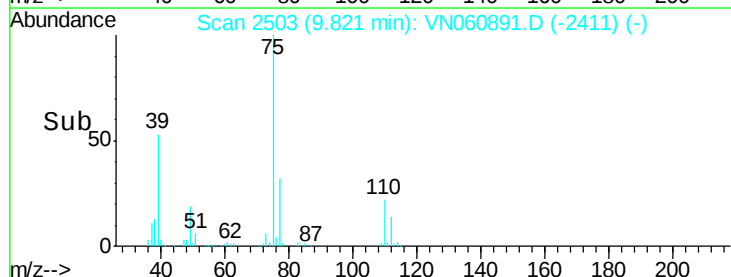
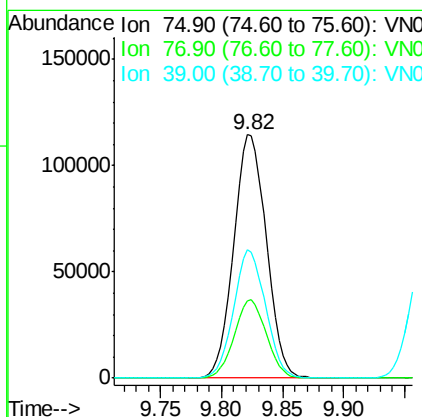
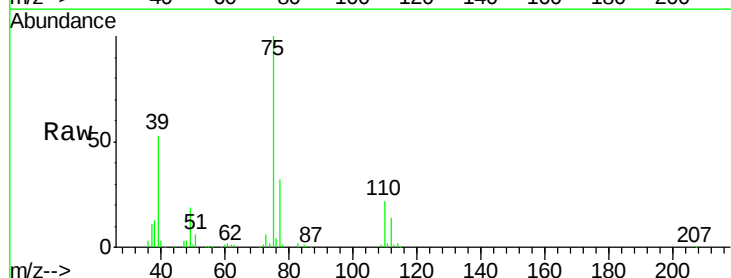
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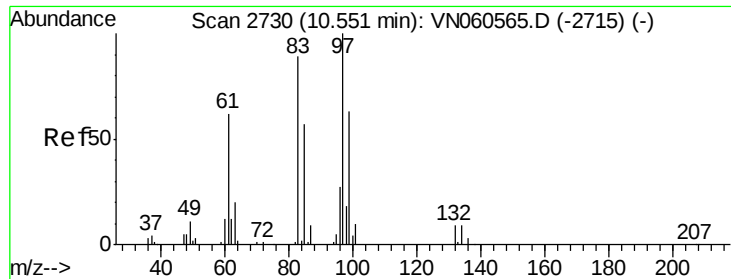
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#54
cis-1,3-Dichloropropene
Concen: 55.851 ug/l
RT: 9.82 min Scan# 2503
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 75 Resp: 212789
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 52.6 40.2 60.4





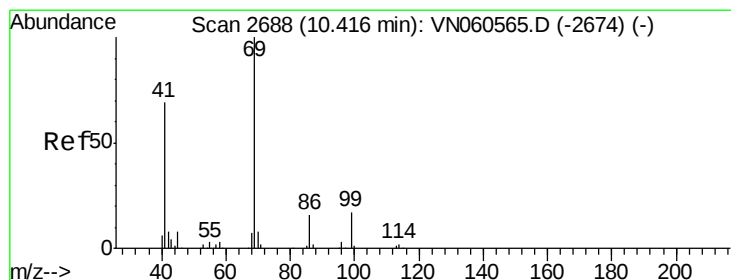
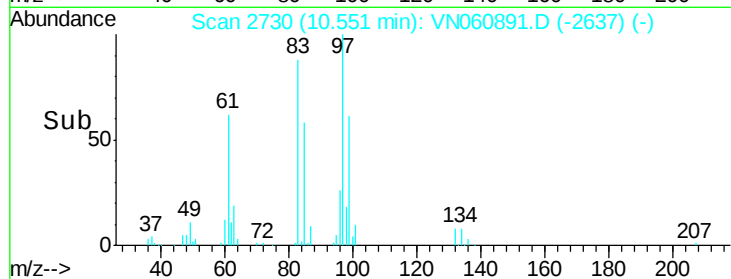
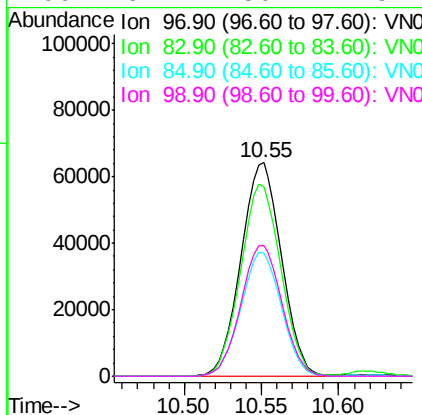
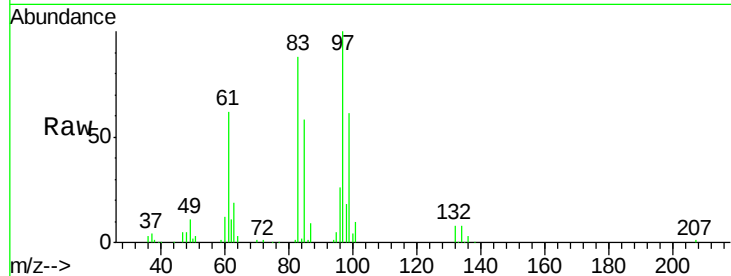
#55
 1,1,2-Trichloroethane
 Concen: 55.246 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion:	97	Resp:	117071
Ion	Ratio	Lower	Upper
97	100		
83	88.4	71.3	106.9
85	57.8	45.2	67.8
99	61.4	50.1	75.1

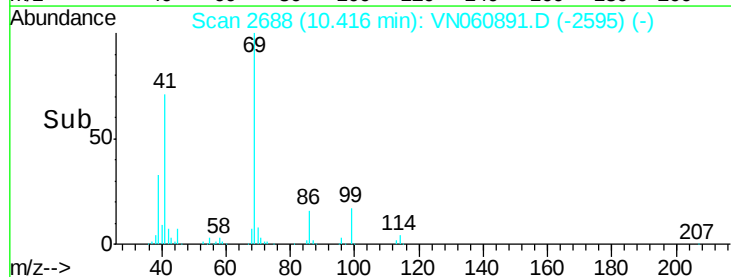
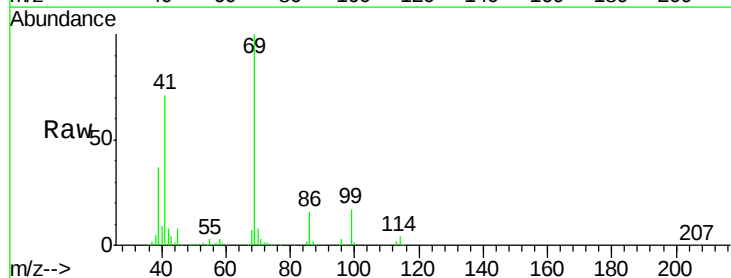
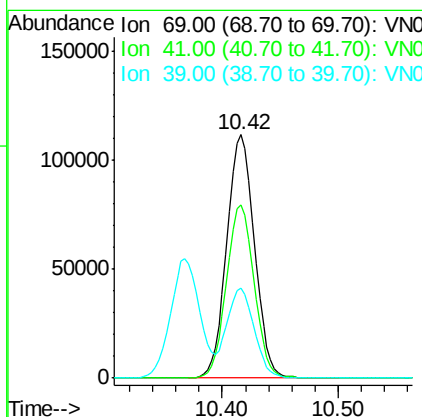
Manual Integrations
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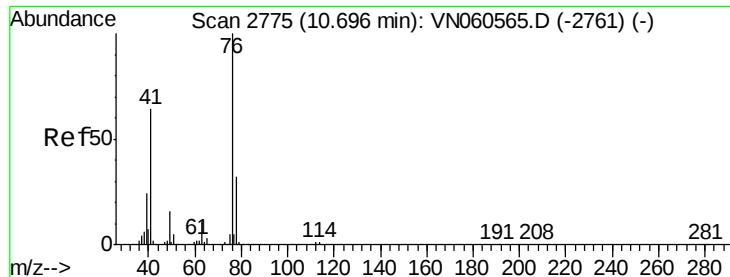
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#56
 Ethyl methacrylate
 Concen: 55.660 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion:	69	Resp:	183906
Ion	Ratio	Lower	Upper
69	100		
41	70.7	55.4	83.2
39	36.2	29.4	44.0





#57

1,3-Dichloropropane

Concen: 55.204 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 202997

Ion Ratio Lower Upper

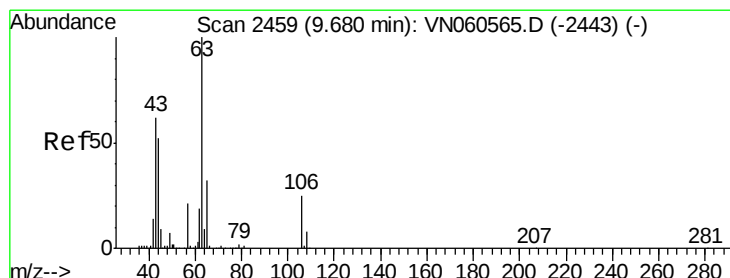
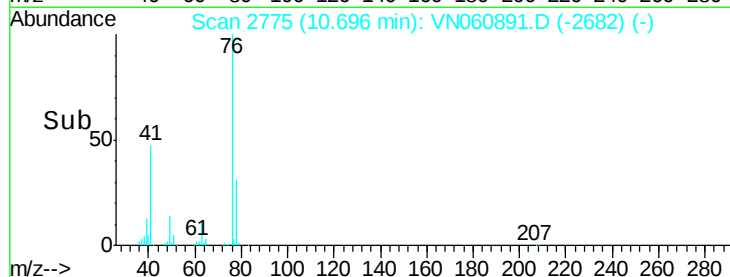
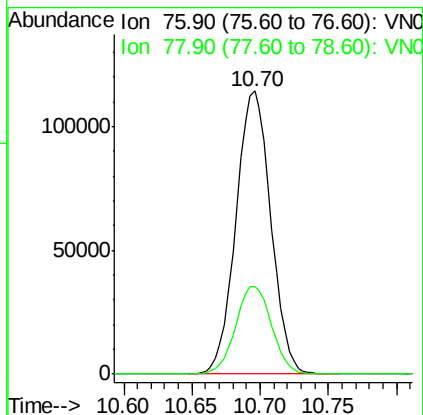
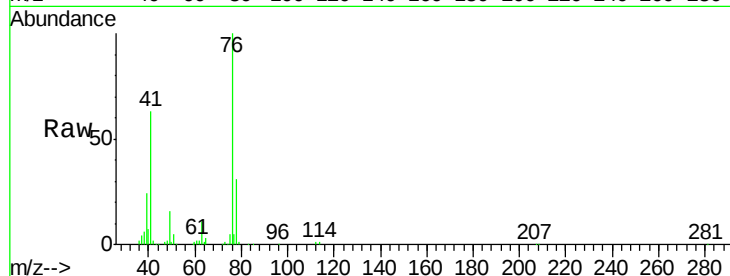
76 100

78 32.1 25.8 38.6

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#58

2-Chloroethyl Vinyl ether

Concen: 242.664 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060891.D

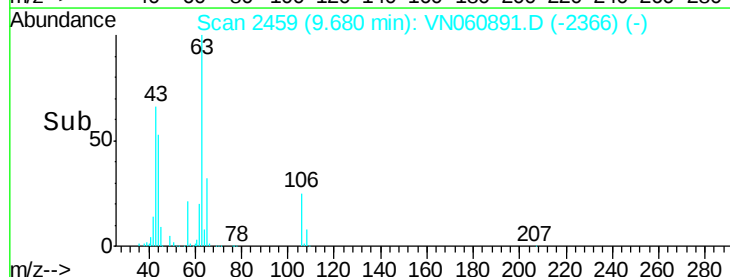
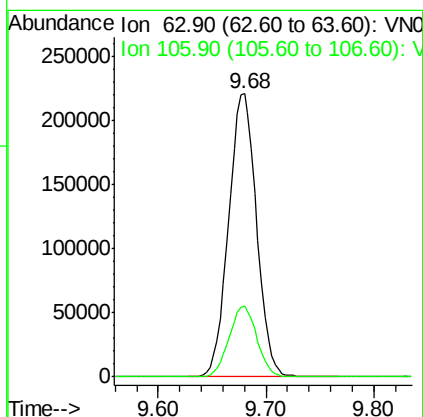
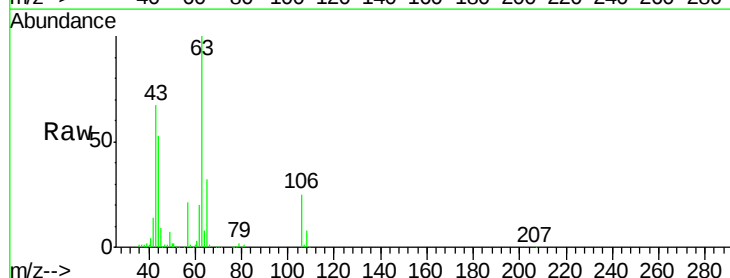
Acq: 8 Apr 2020 10:17

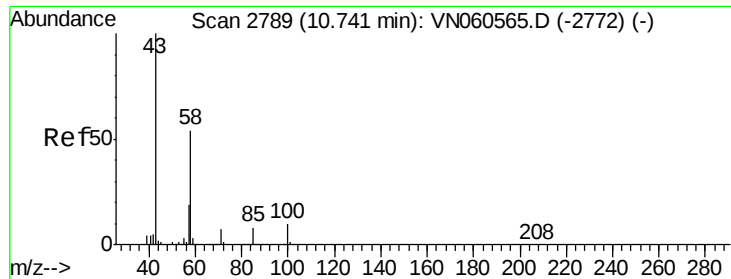
Tgt Ion: 63 Resp: 398500

Ion Ratio Lower Upper

63 100

106 24.9 20.0 30.0





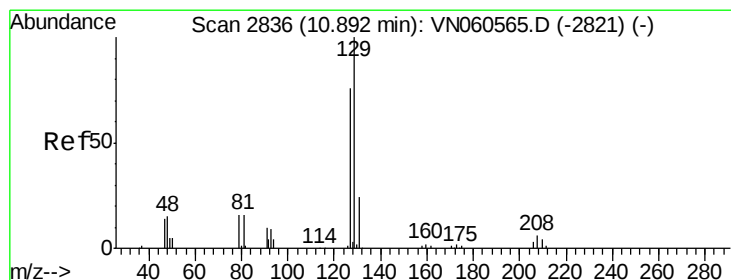
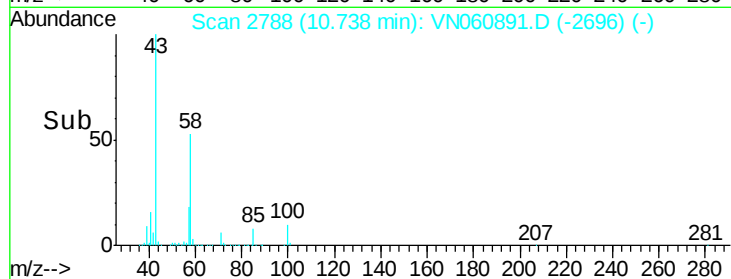
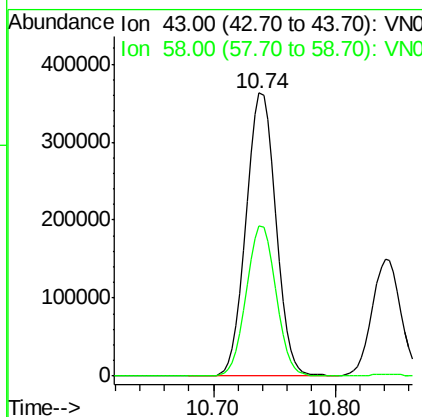
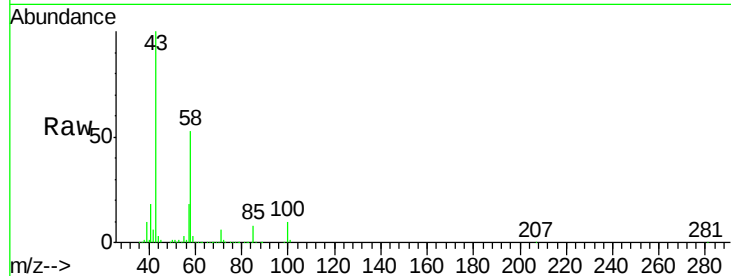
#59
2-Hexanone
Concen: 276.842 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 610969
Ion Ratio Lower Upper
43 100
58 52.9 26.7 80.1

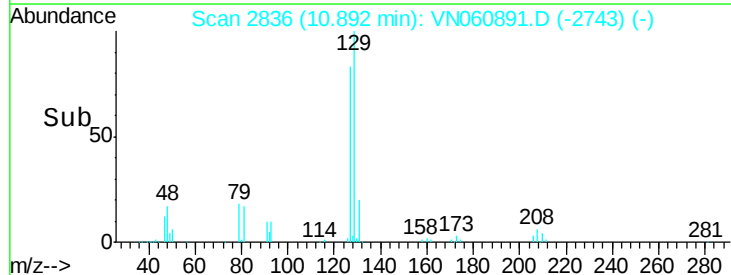
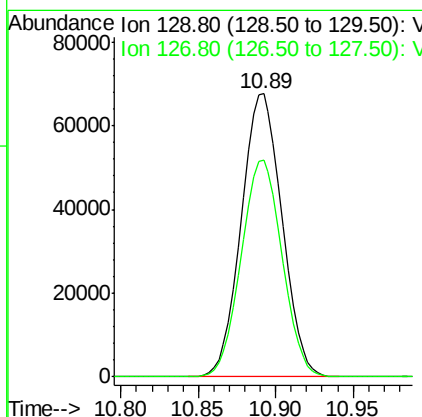
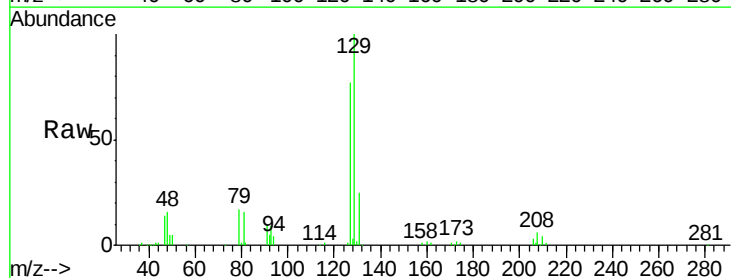
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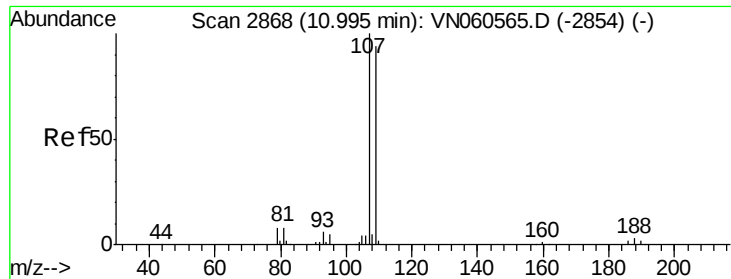
apatel
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#60
Dibromochloromethane
Concen: 56.629 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion: 129 Resp: 123954
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5





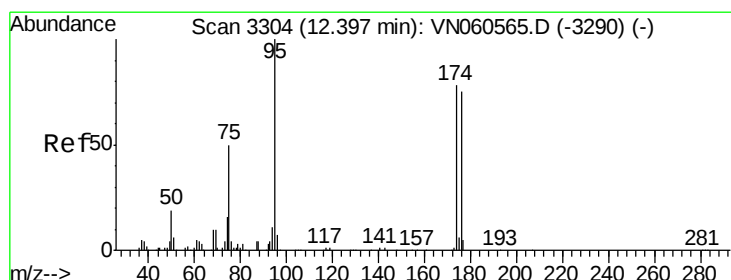
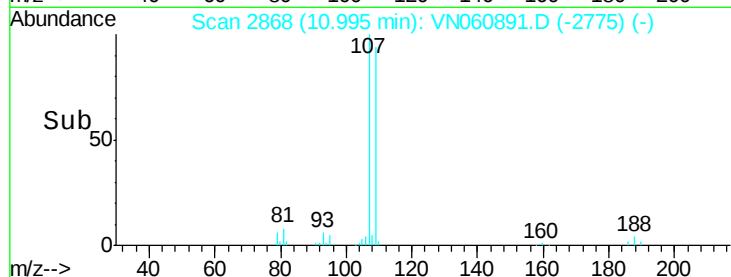
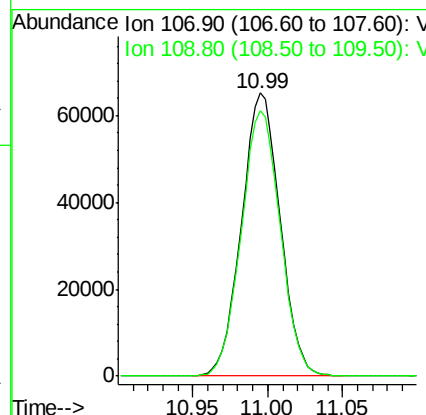
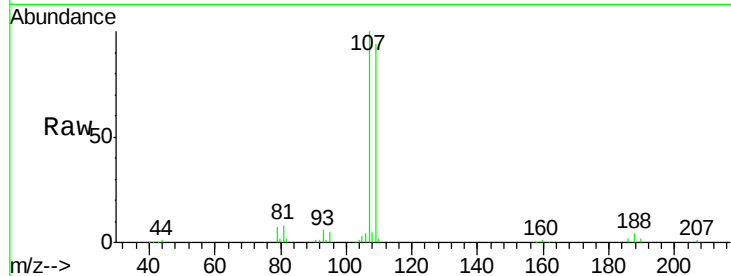
#61
 1,2-Dibromoethane
 Concen: 54.865 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	75.4	113.2

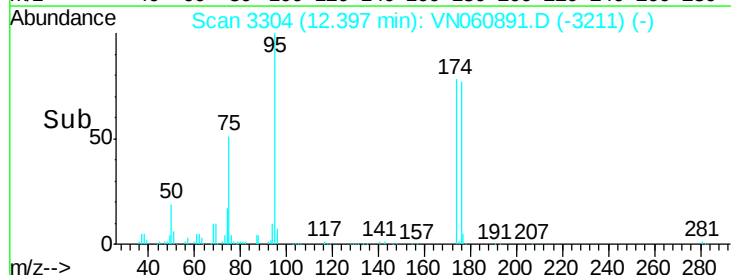
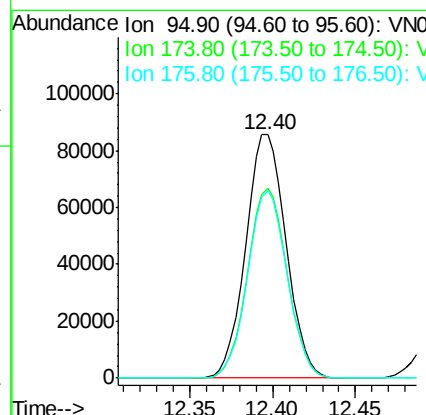
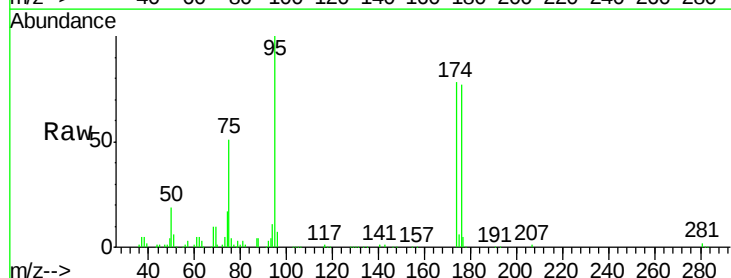
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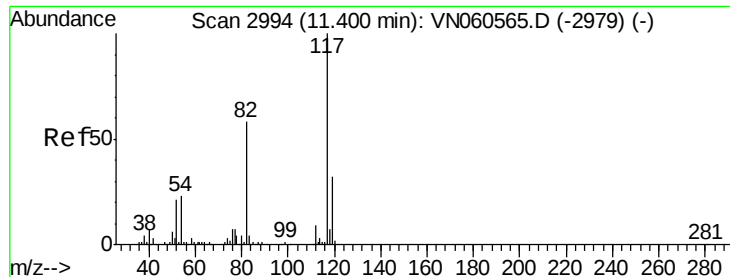
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#62
 4-Bromofluorobenzene
 Concen: 51.186 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.9	0.0	157.6
176	75.4	0.0	150.6





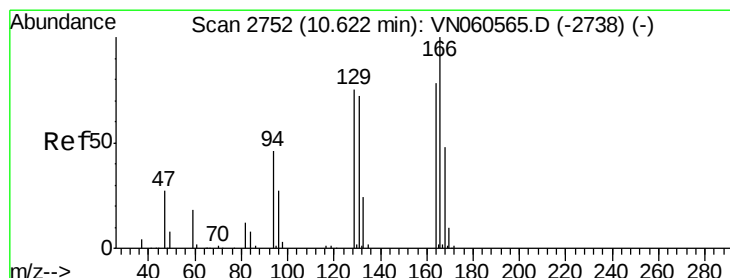
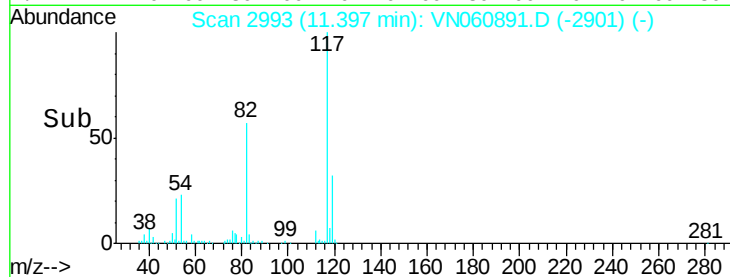
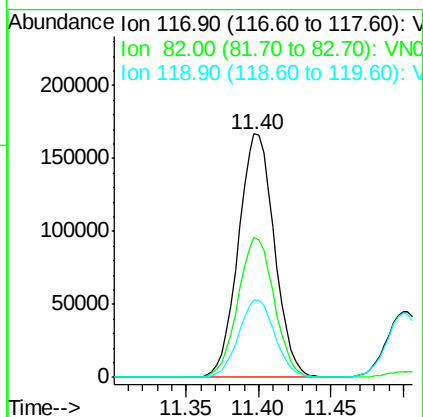
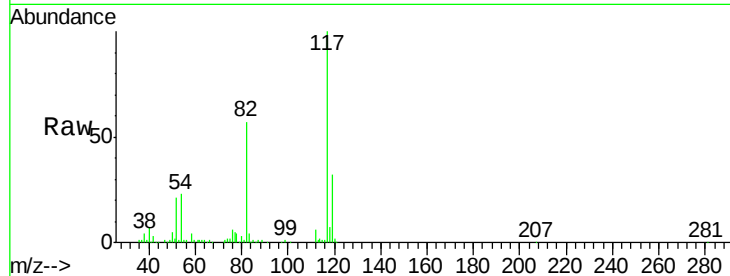
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.3	46.7	70.1
119	31.8	25.5	38.3

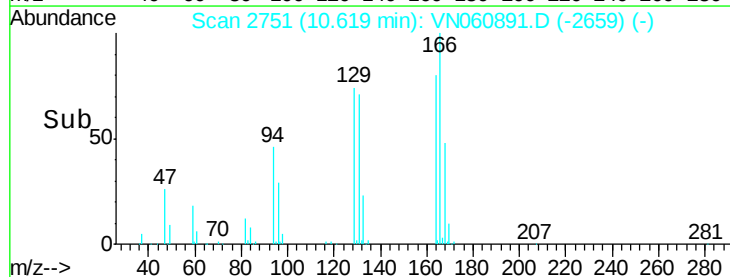
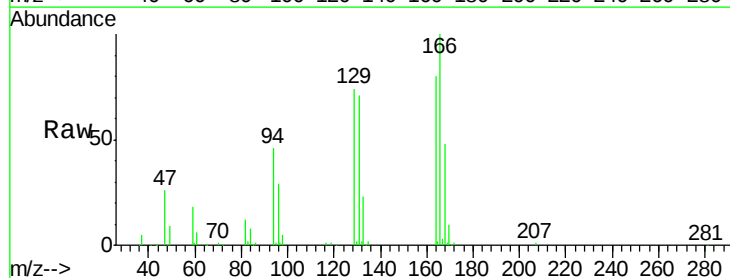
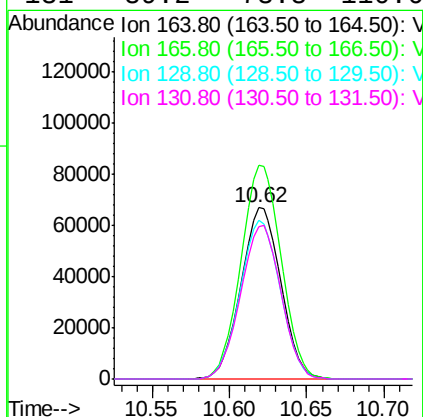
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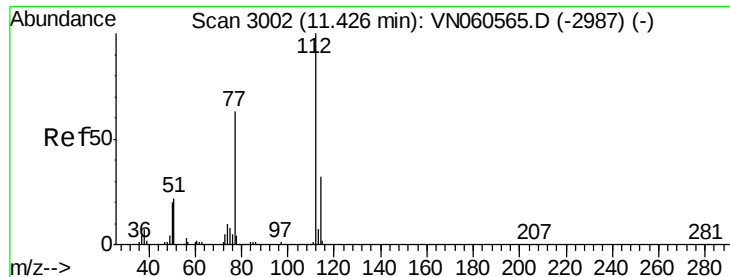
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#64
Tetrachloroethene
Concen: 53.084 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.8	102.7	154.1
129	92.5	77.2	115.8
131	89.2	73.8	110.6





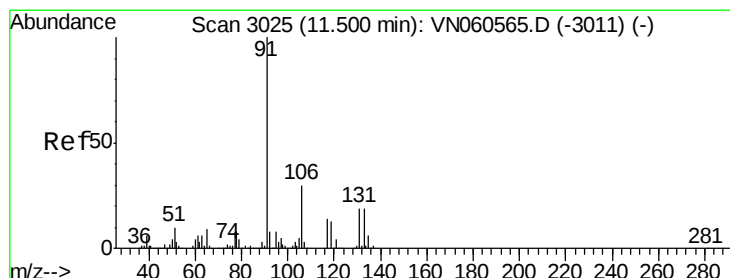
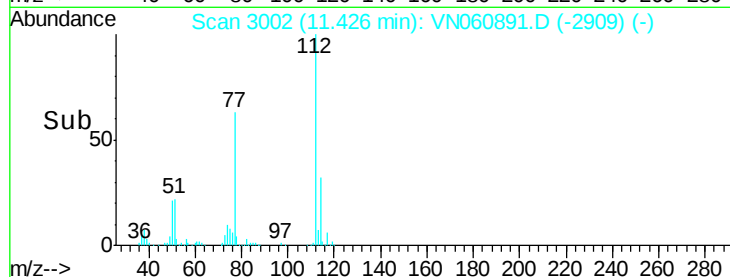
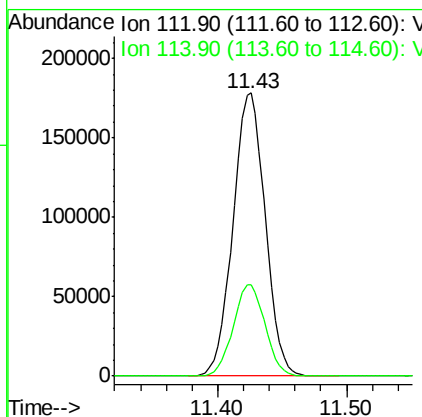
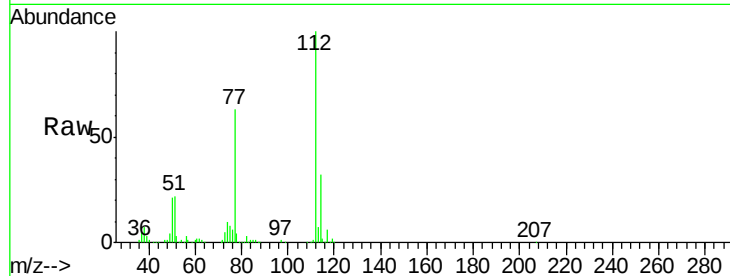
#65
Chlorobenzene
Concen: 54.173 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.8	38.6

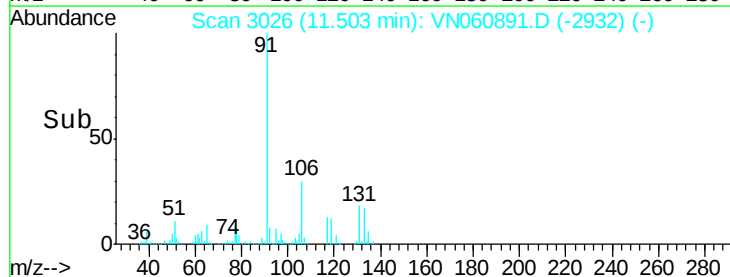
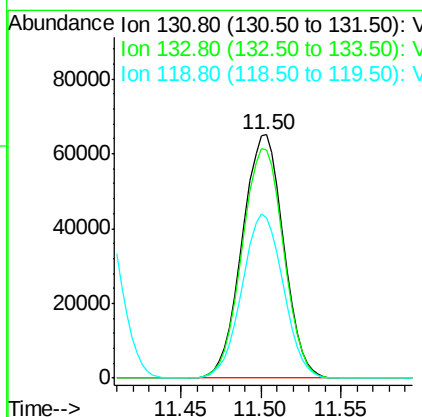
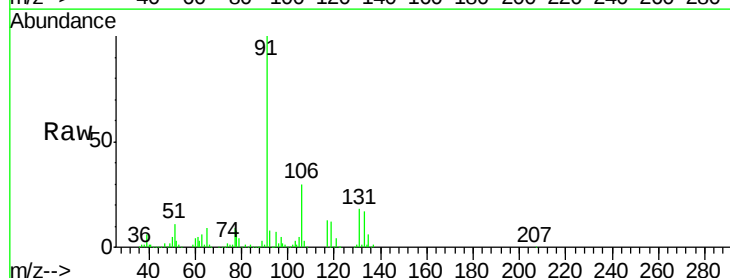
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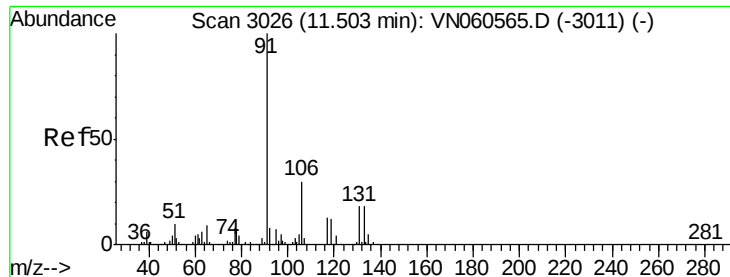
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.678 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	48.9	146.8
119	67.0	33.9	101.7





#67

Ethyl Benzene

Concen: 55.028 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 583771

Ion Ratio Lower Upper

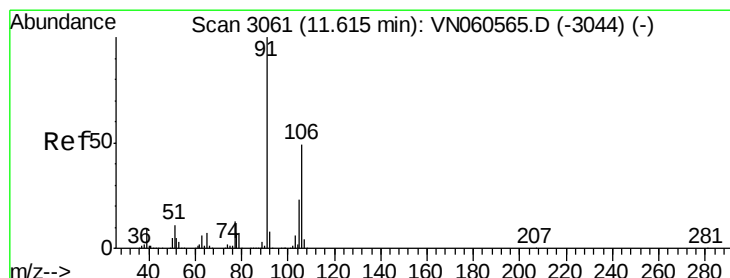
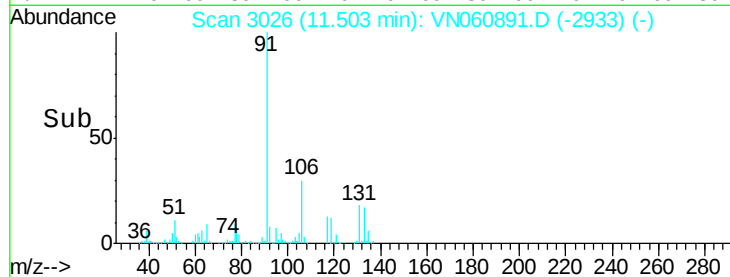
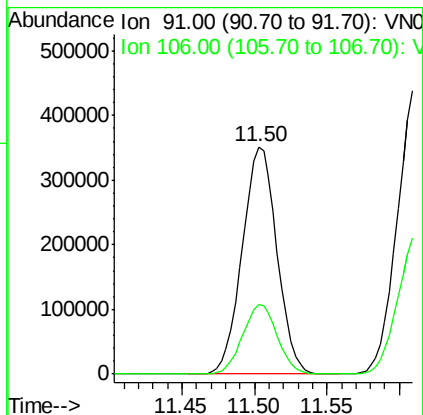
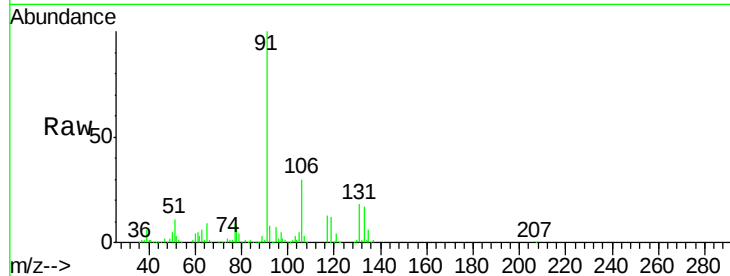
91 100

106 30.5 24.2 36.2

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#68

m/p-Xylenes

Concen: 109.206 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060891.D

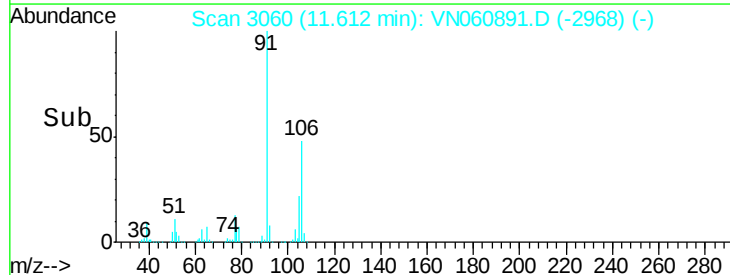
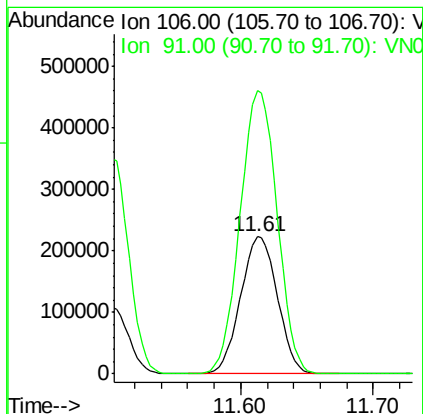
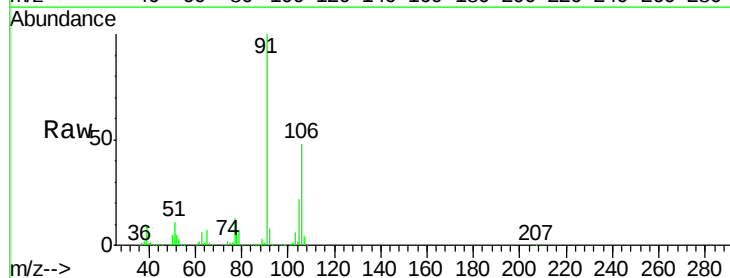
Acq: 8 Apr 2020 10:17

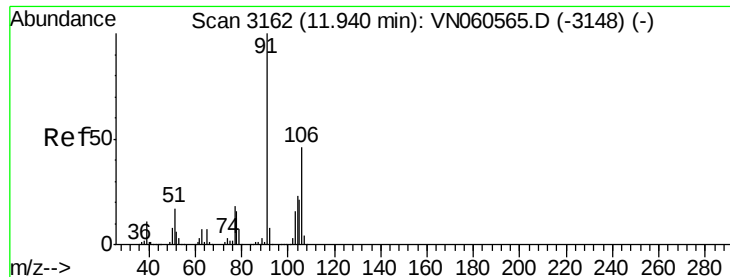
Tgt Ion: 106 Resp: 430515

Ion Ratio Lower Upper

106 100

91 207.7 165.0 247.4





#69

o-Xylene

Concen: 54.798 ug/l

RT: 11.94 min Scan# 3162

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:106 Resp: 206222

Ion Ratio Lower Upper

106 100

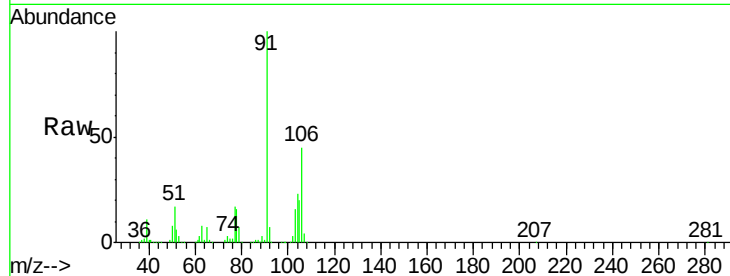
91 220.1 109.5 328.4

Manual Integrations

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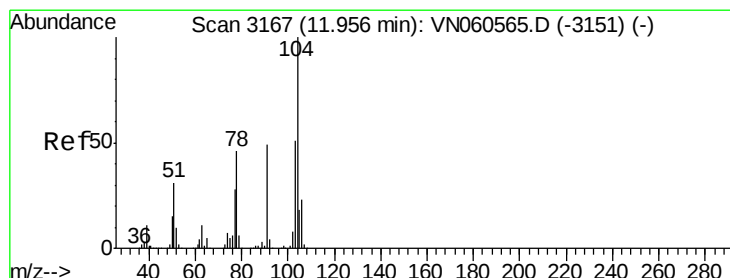
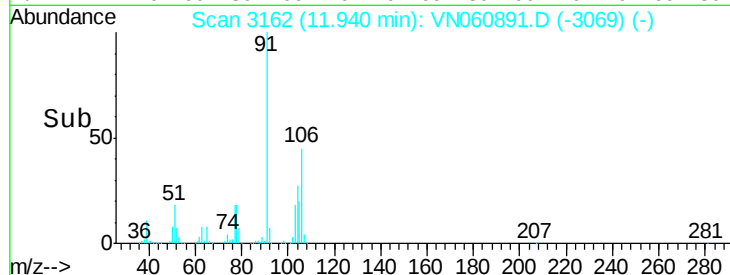
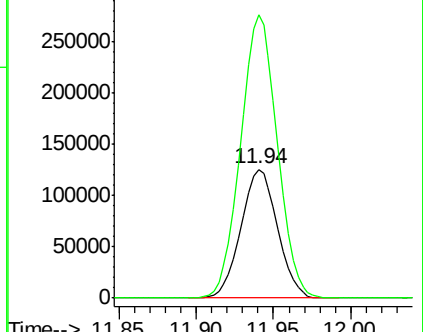
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0



#70

Styrene

Concen: 56.065 ug/l

RT: 11.96 min Scan# 3167

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

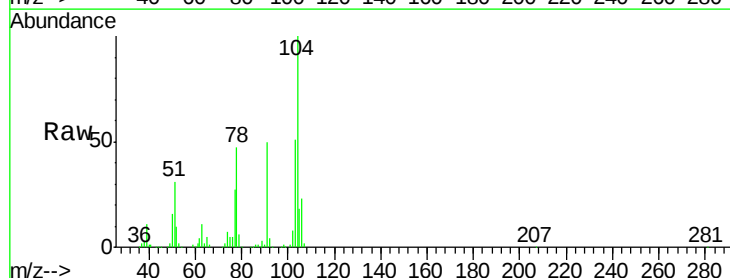
Tgt Ion:104 Resp: 345074

Ion Ratio Lower Upper

104 100

78 51.8 41.2 61.8

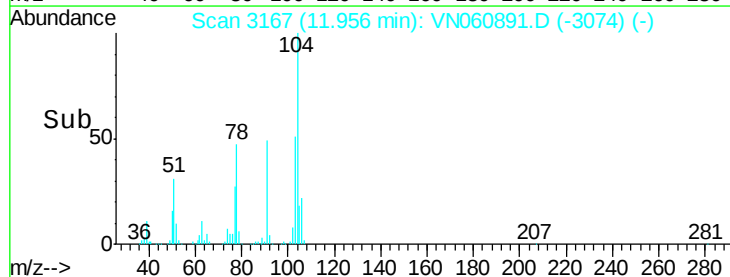
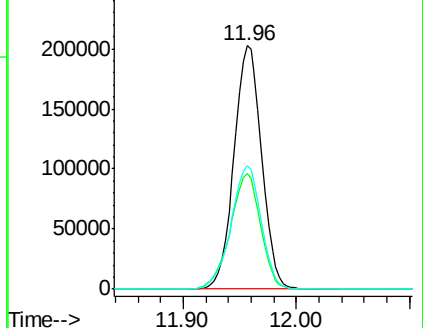
103 54.9 44.0 66.0

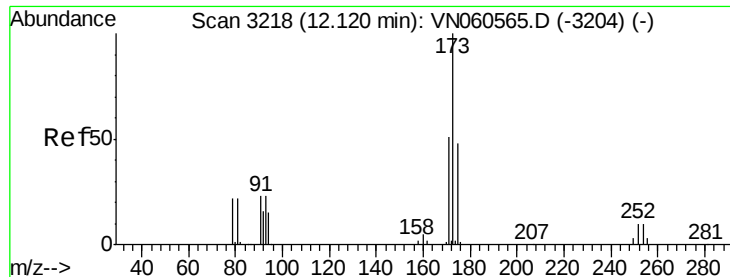


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.332 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

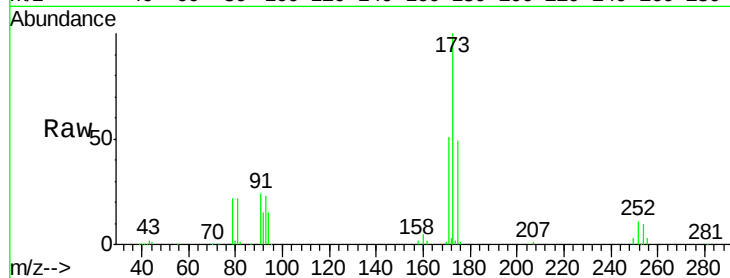
ClientSampleId :

VSTDCCC050

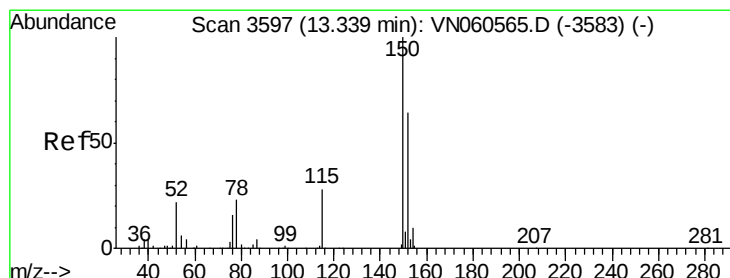
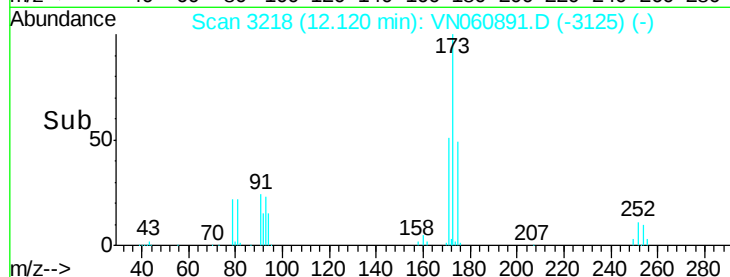
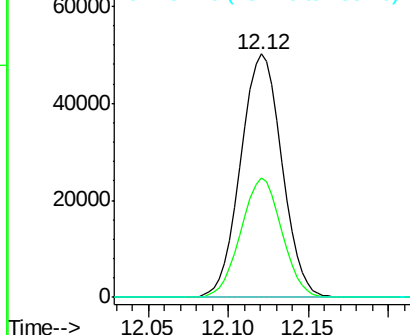
Tot Ion:	173	Resp:	88200
Ion Ratio	Lower	Upper	
173	100		
175	48.6	24.1	72.4
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

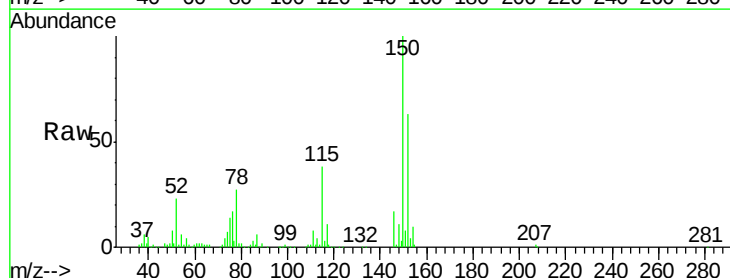
RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

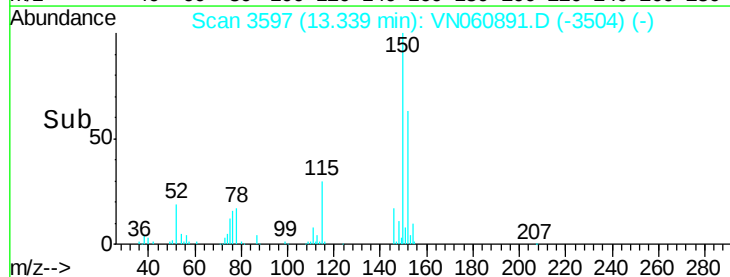
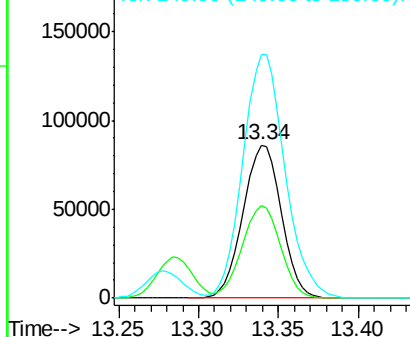
Lab File: VN060891.D

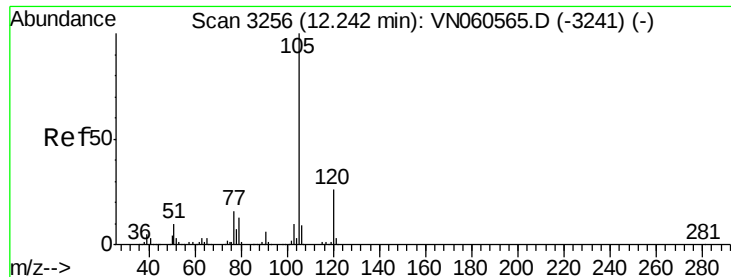
Acq: 8 Apr 2020 10:17

Tgt Ion:	152	Resp:	140602
Ion Ratio	Lower	Upper	
152	100		
115	60.0	30.2	90.6
150	176.1	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: 53.155 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 560874

Ion Ratio Lower Upper

105 100

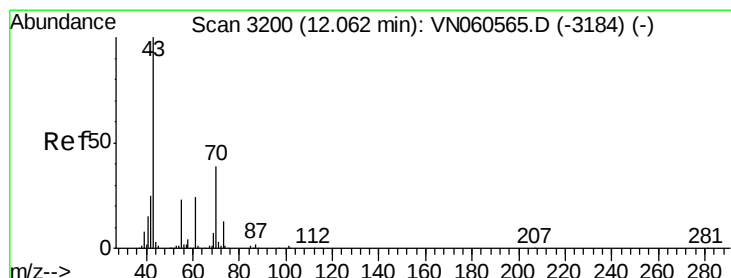
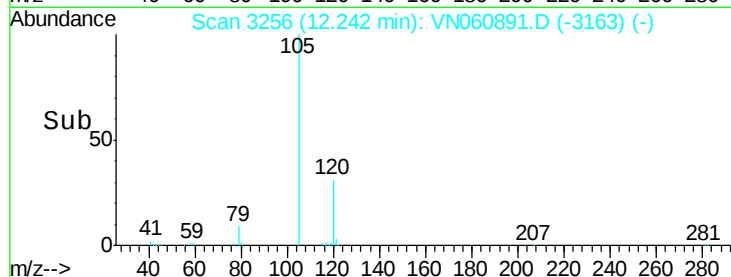
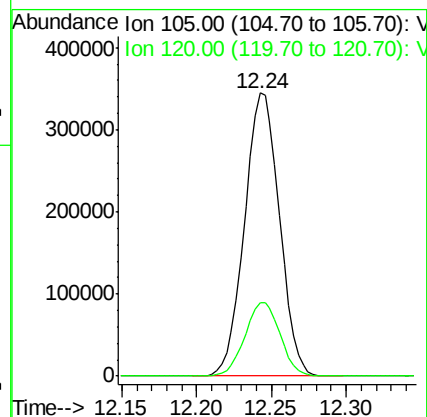
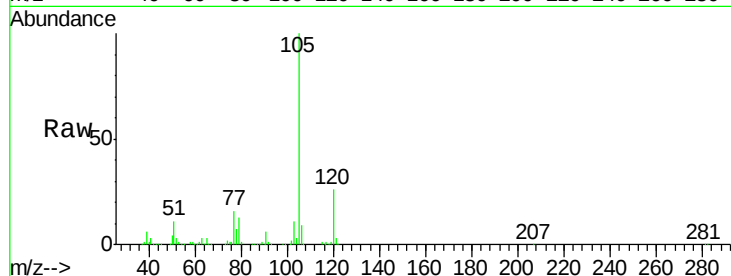
120 26.2 13.1 39.1

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#74

N-ethyl acetate

Concen: 50.398 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Tgt Ion: 43 Resp: 245732

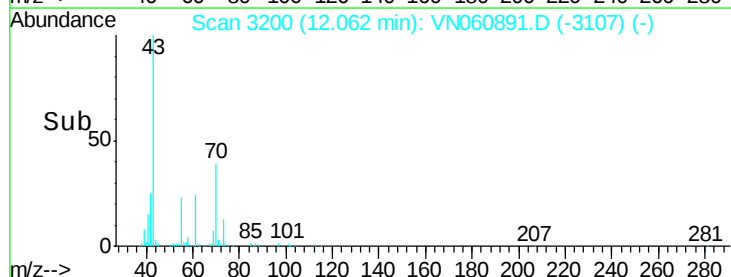
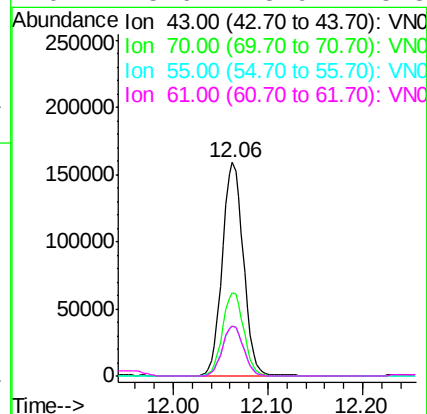
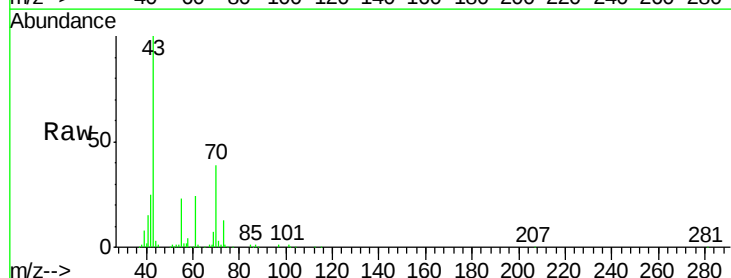
Ion Ratio Lower Upper

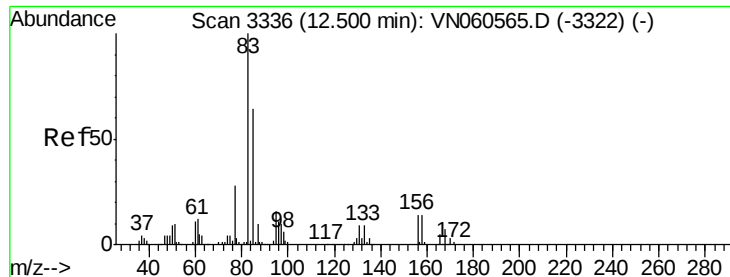
43 100

70 39.4 31.1 46.7

55 23.8 18.6 27.8

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 51.729 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

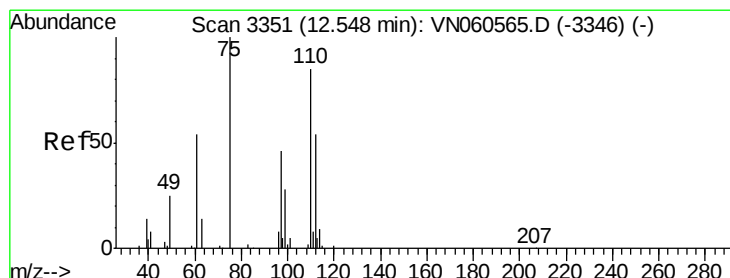
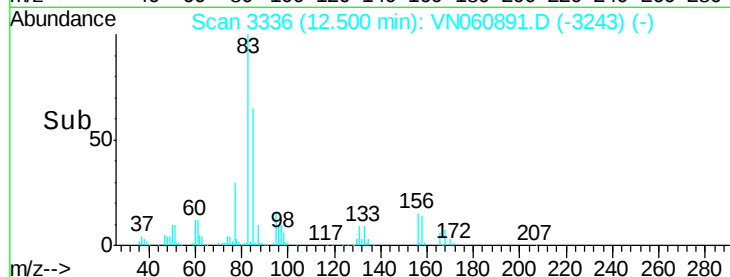
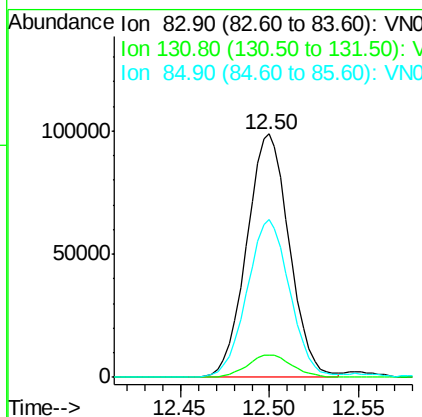
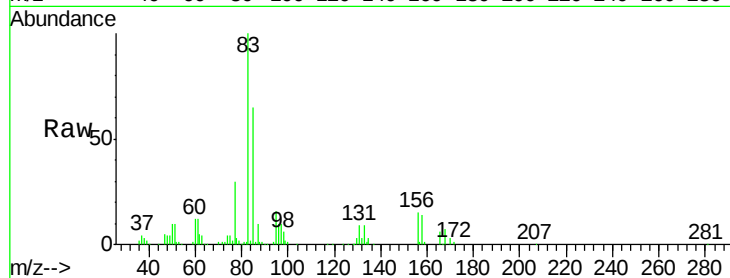
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	165061
Ion Ratio	Lower	Upper	
83	100		
131	9.6	4.9	14.7
85	64.9	32.5	97.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.895 ug/l m

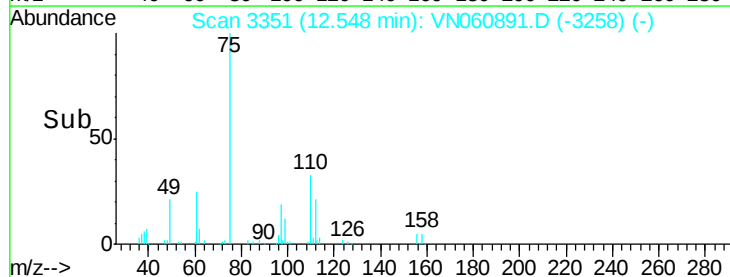
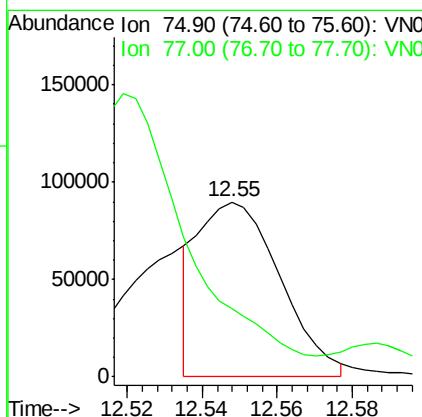
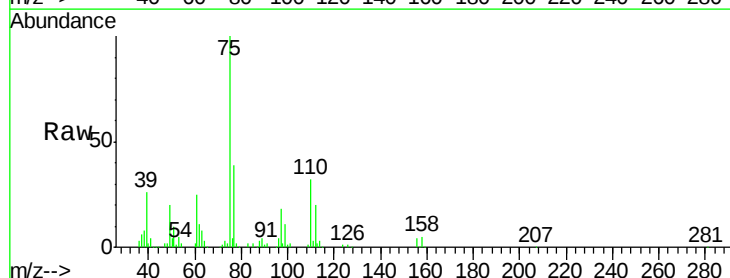
RT: 12.55 min Scan# 3351

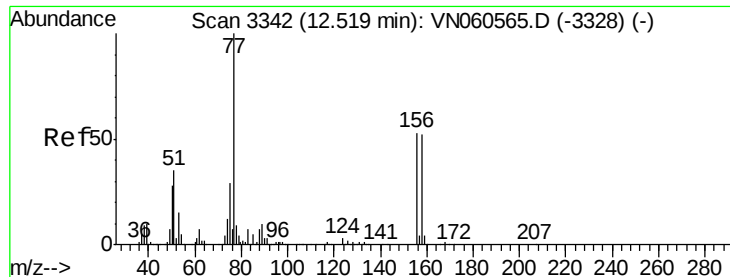
Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Tgt Ion:	75	Resp:	136207
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 52.015 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

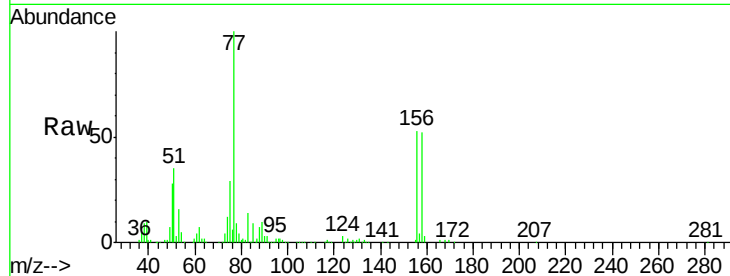
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	132251
Ion Ratio	Lower	Upper	
156	100		
77	223.5	112.3	337.0
158	97.7	48.6	145.8

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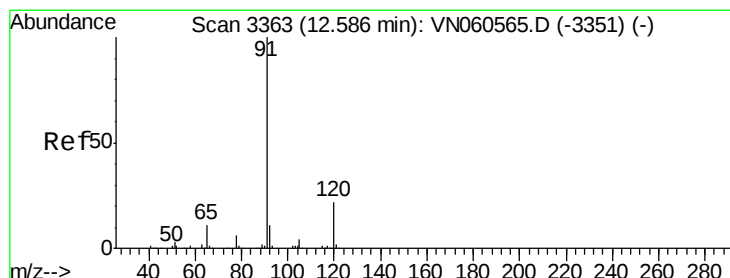
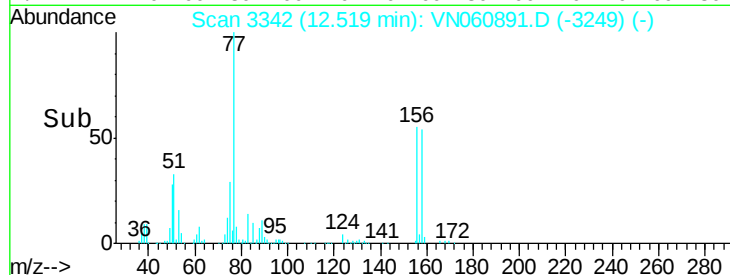
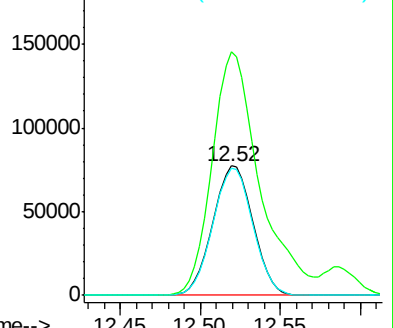
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.023 ug/l

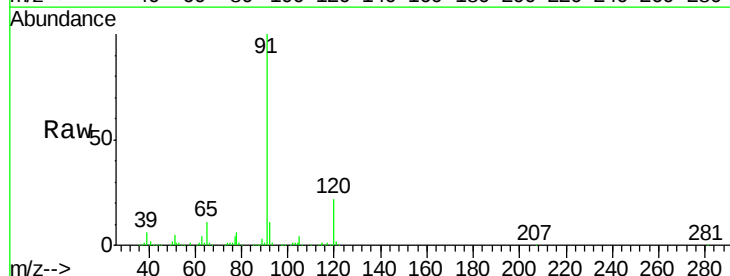
RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060891.D

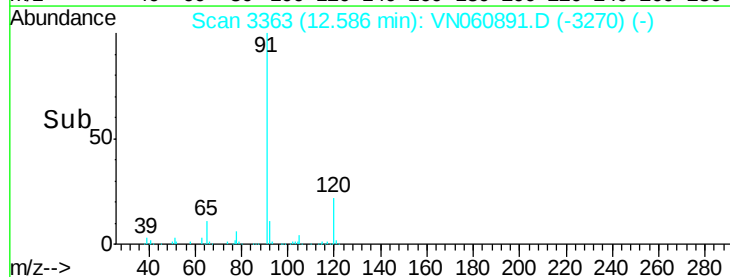
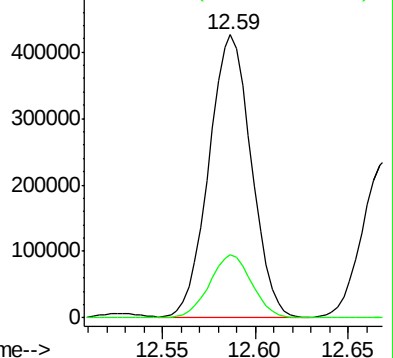
Acq: 8 Apr 2020 10:17

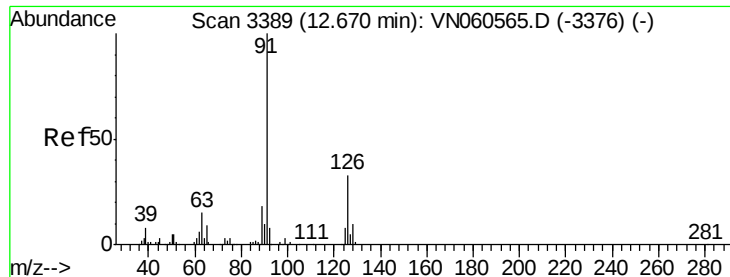
Tgt Ion:	91	Resp:	673453
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.3	33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.086 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060891.D

Acq: 8 Apr 2020 10:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 387960

Ion Ratio Lower Upper

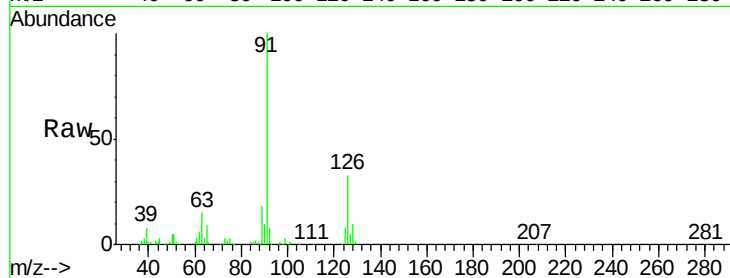
91 100

126 32.8 16.4 49.1

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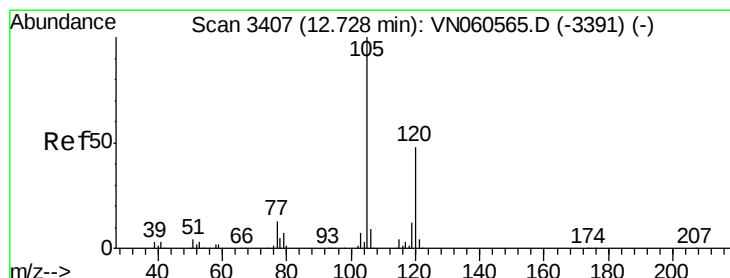
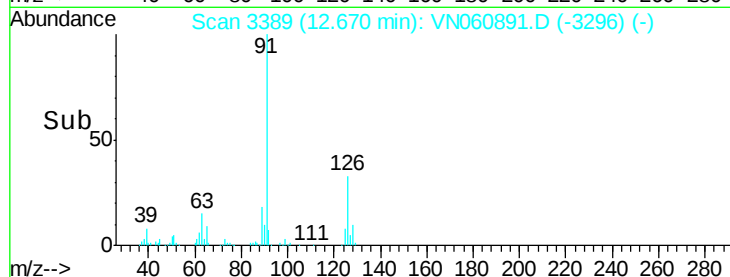
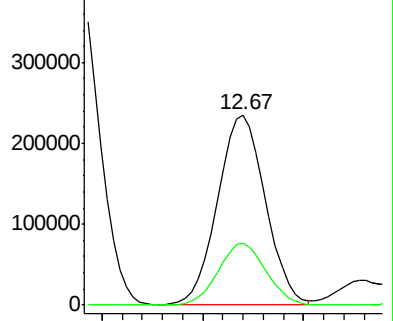
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Abundance Ion 91.00 (90.70 to 91.70): VN060891.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060891.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.295 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060891.D

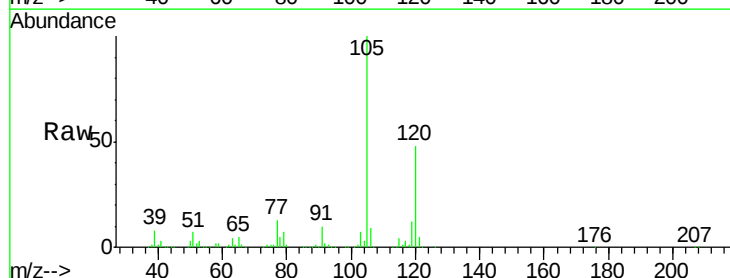
Acq: 8 Apr 2020 10:17

Tgt Ion: 105 Resp: 477227

Ion Ratio Lower Upper

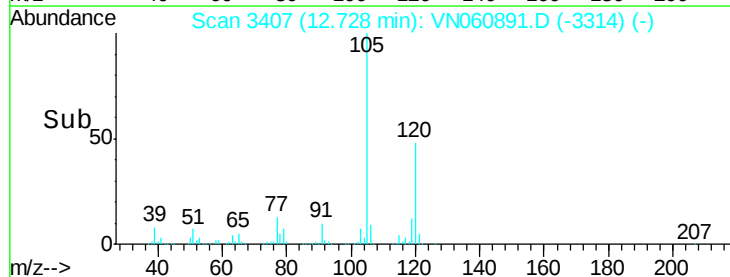
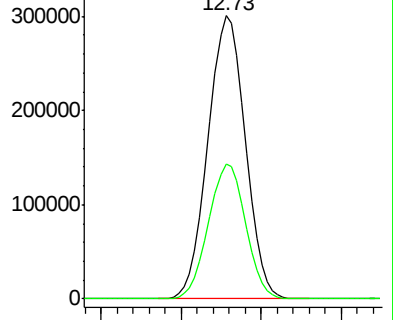
105 100

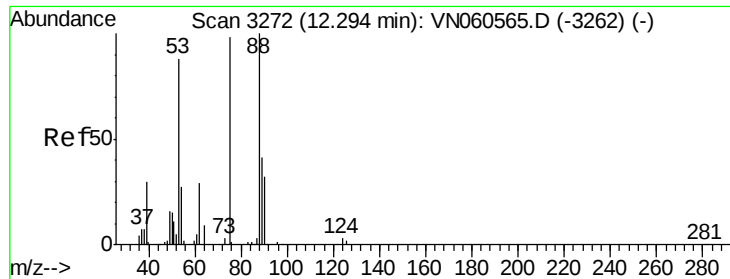
120 47.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060891.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN060891.D (-3314) (-)





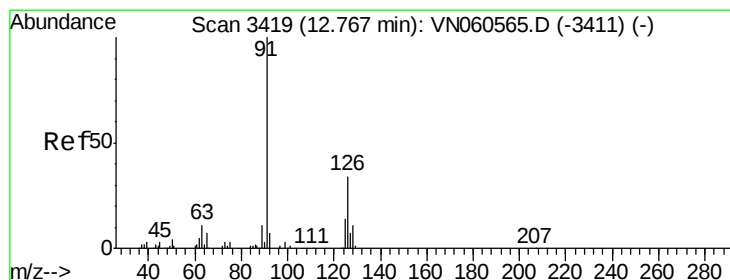
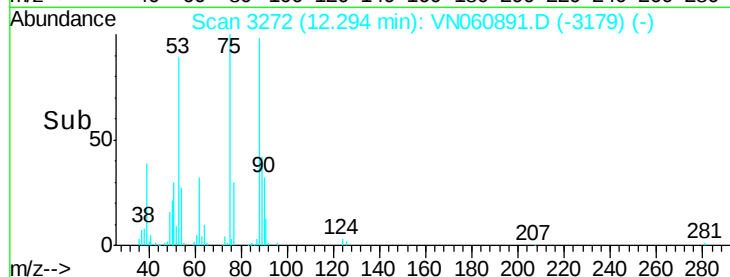
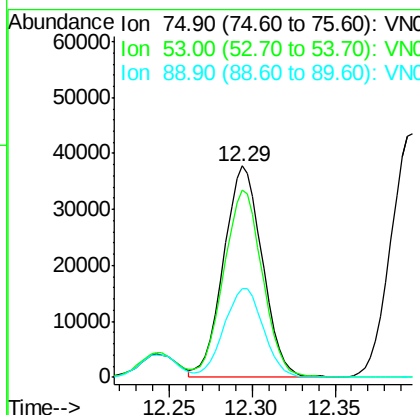
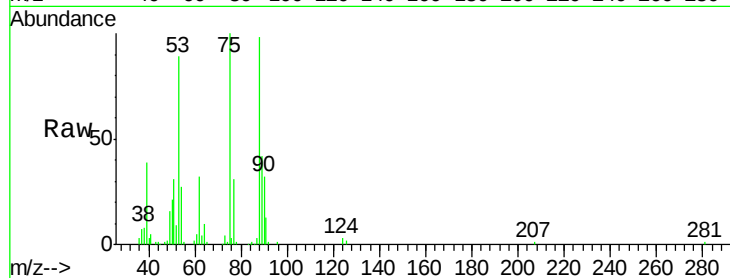
#81
trans-1,4-Dichloro-2-butene
Concen: 52.015 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.6	73.0	109.4
89	42.5	34.8	52.2

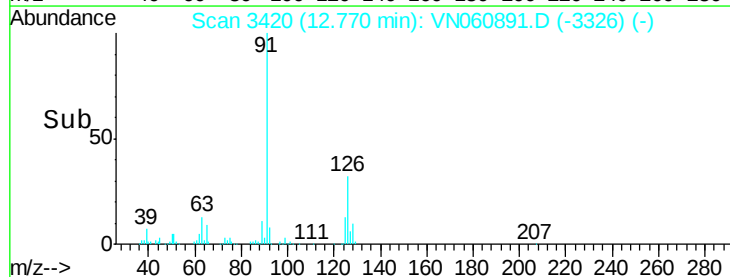
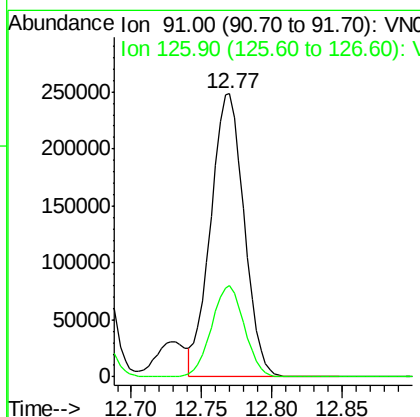
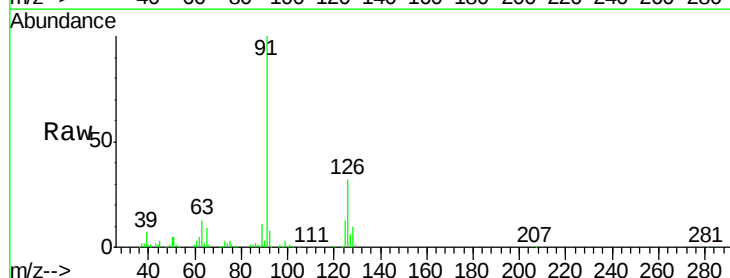
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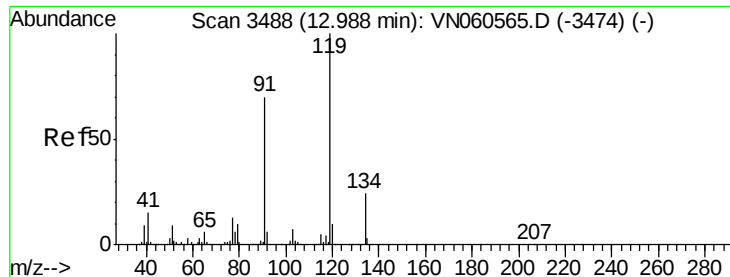
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#82
4-Chlorotoluene
Concen: 53.705 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.2	48.5





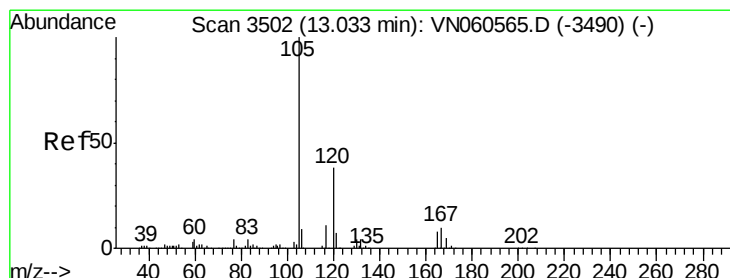
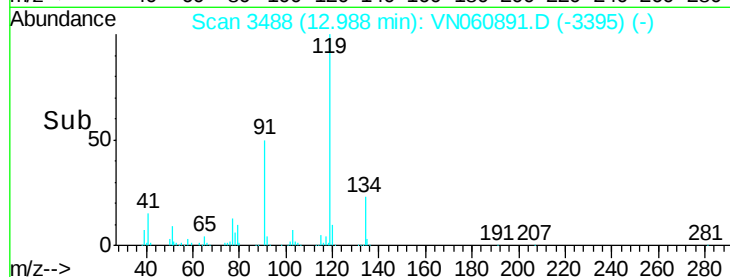
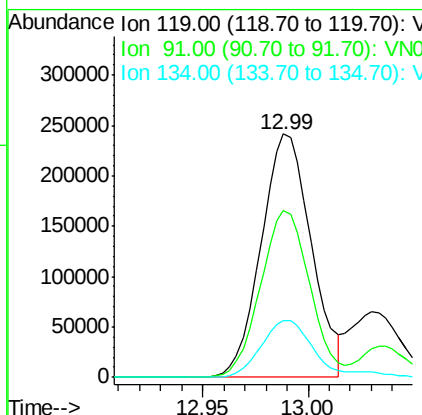
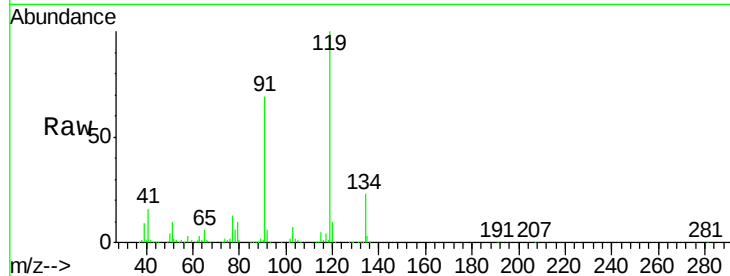
#83
tert-Butylbenzene
Concen: 53.778 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.5	34.0	101.8
134	25.2	12.7	38.0

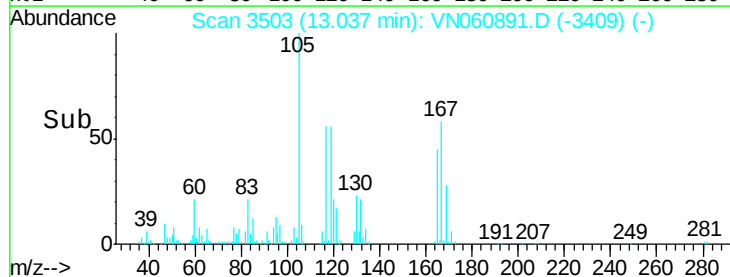
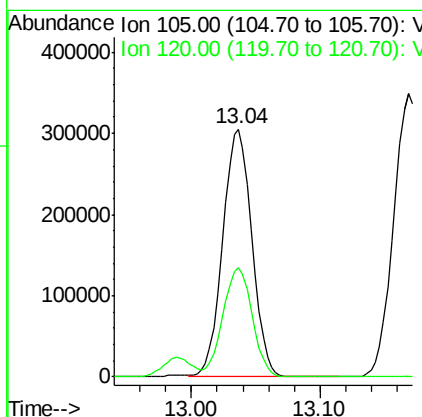
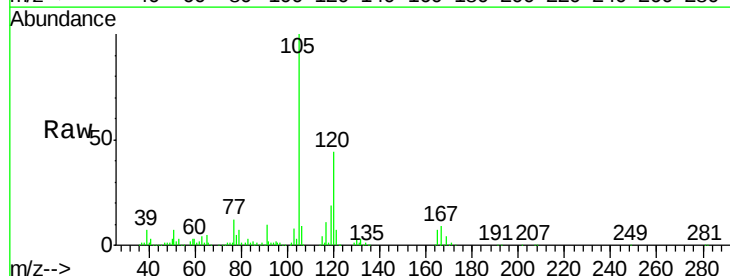
Manual Integrations
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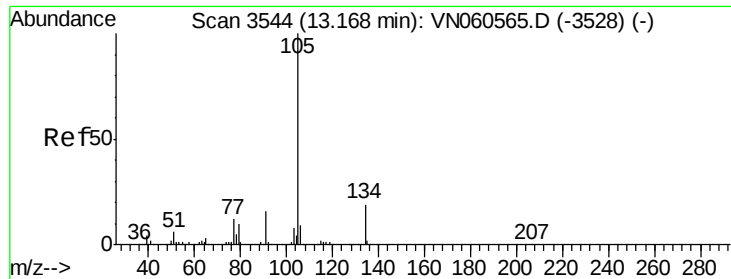
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#84
1,2,4-Trimethylbenzene
Concen: 53.979 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.3	22.1	66.5





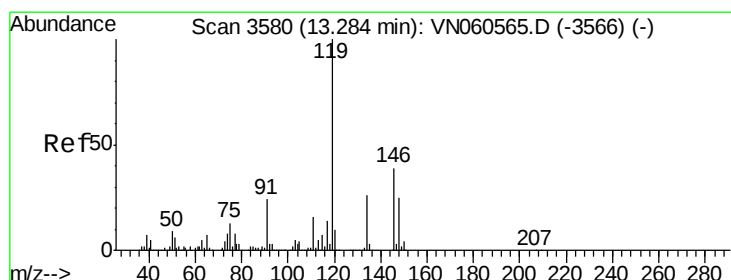
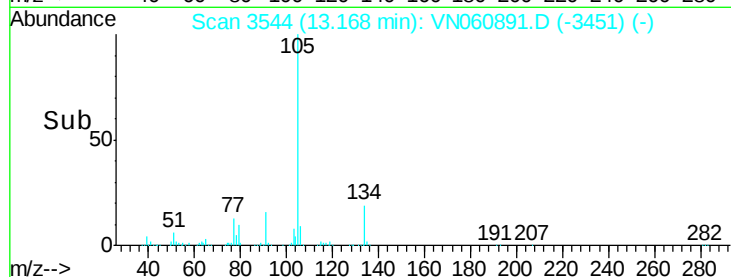
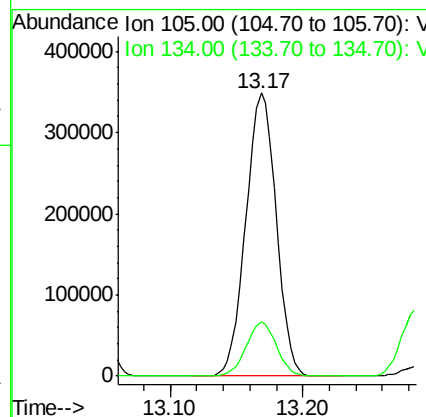
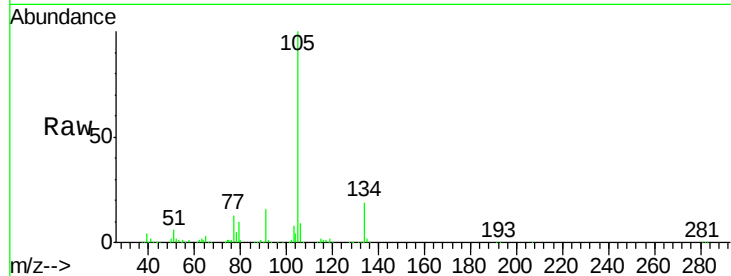
#85
 sec-Butylbenzene
 Concen: 55.542 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	554397		
134	19.1	9.6	28.8	

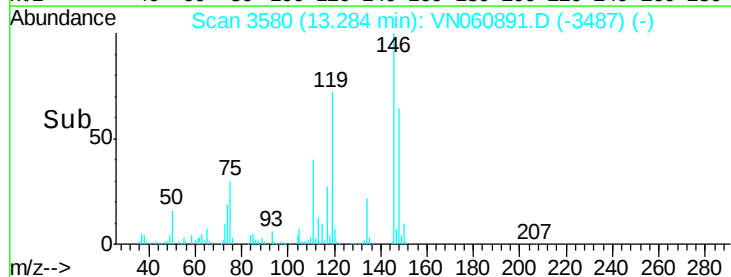
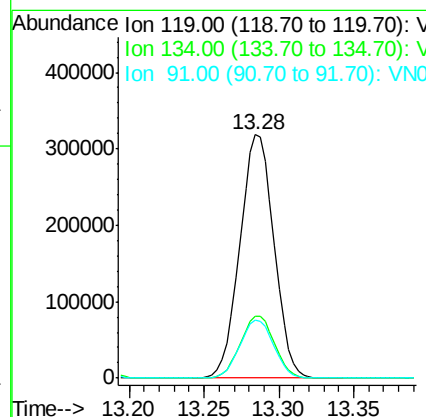
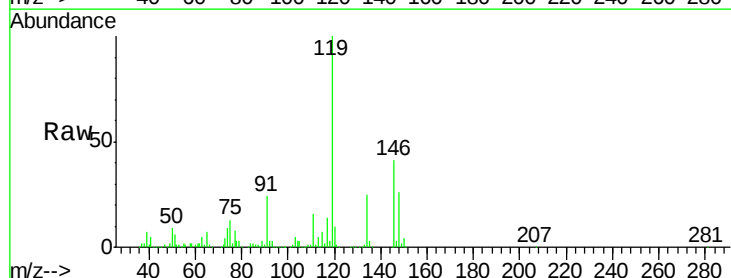
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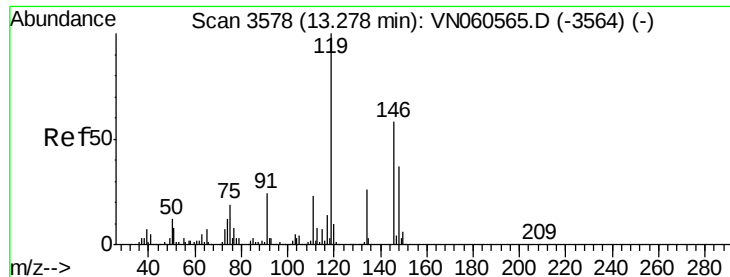
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#86
 p-Isopropyltoluene
 Concen: 55.971 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	502386		
134	25.5	13.0	39.0	
91	24.0	12.0	36.0	





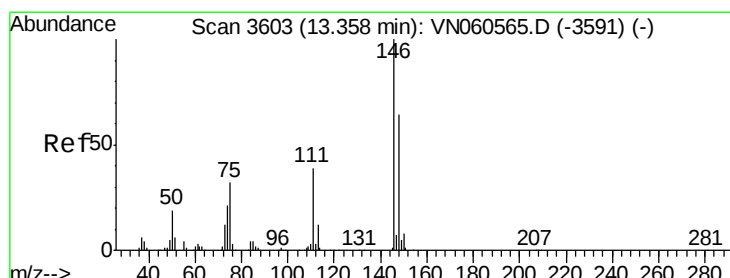
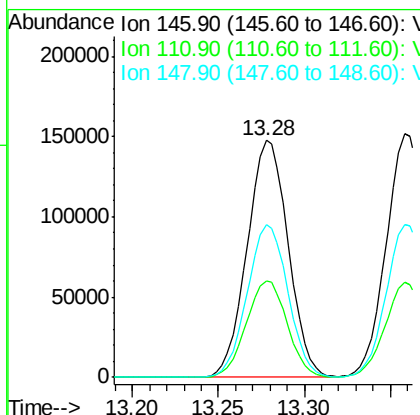
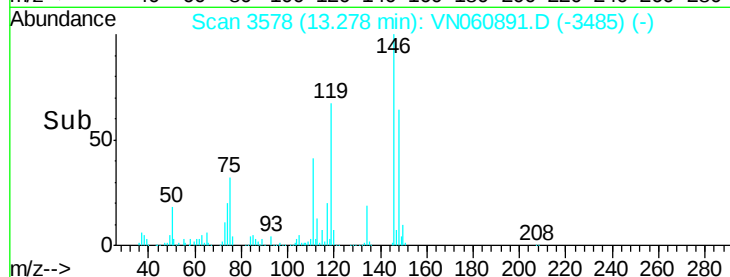
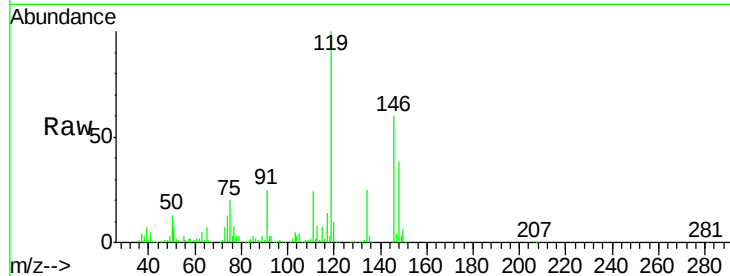
#87
 1,3-Dichlorobenzene
 Concen: 54.457 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.8
148	63.9	32.5	97.4

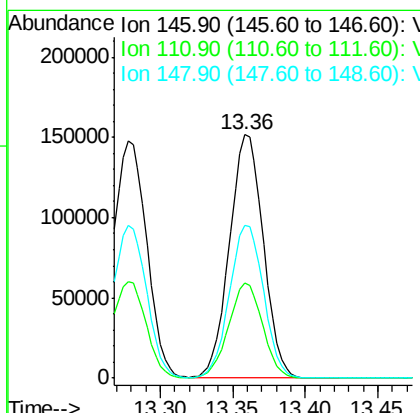
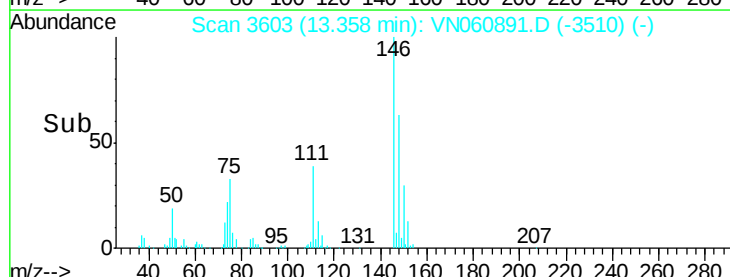
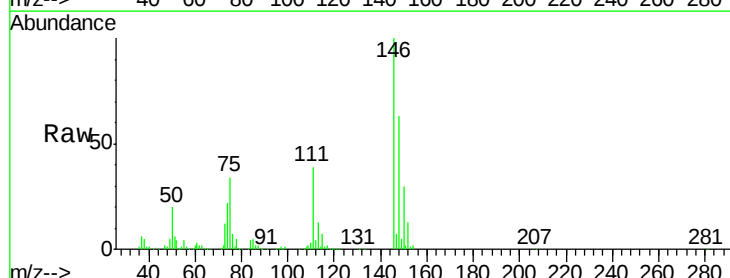
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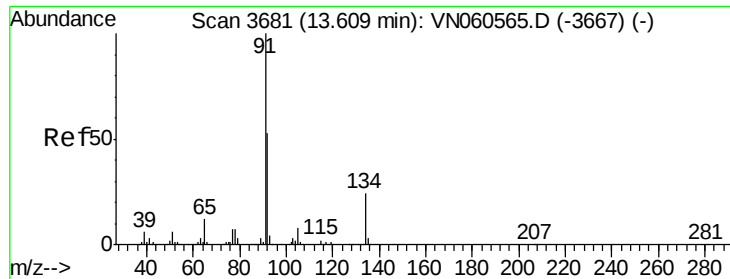
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#88
 1,4-Dichlorobenzene
 Concen: 54.590 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	63.2	32.1	96.3





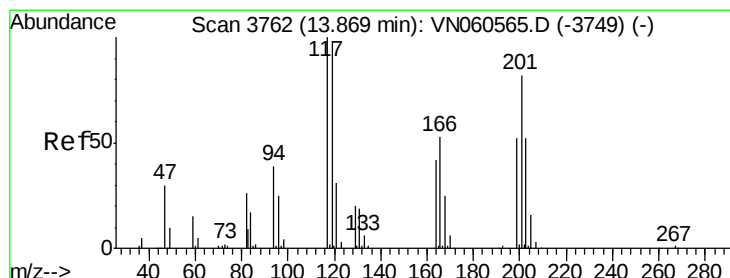
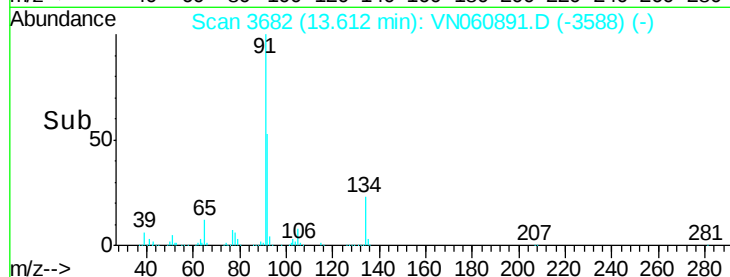
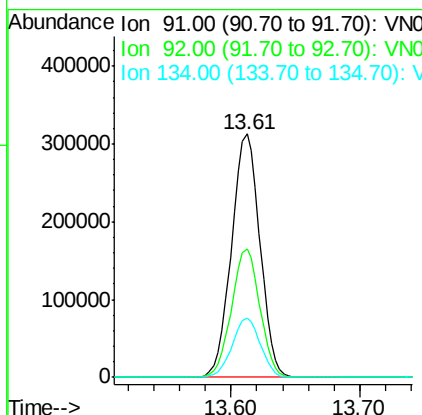
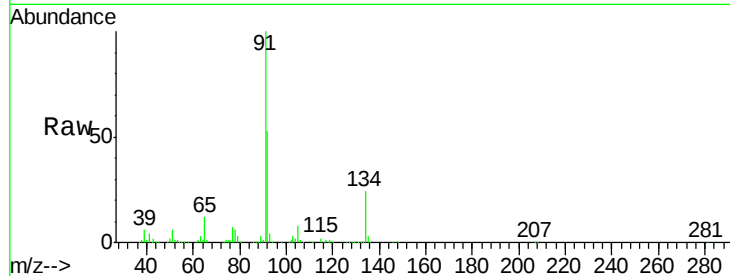
#89
n-Butylbenzene
Concen: 59.054 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.2	78.5
134	24.3	12.3	36.9

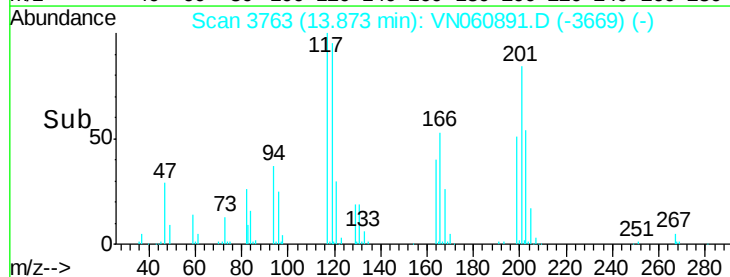
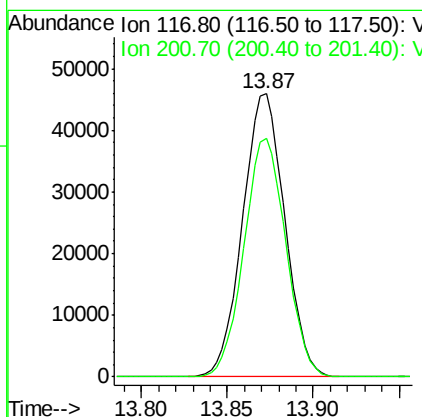
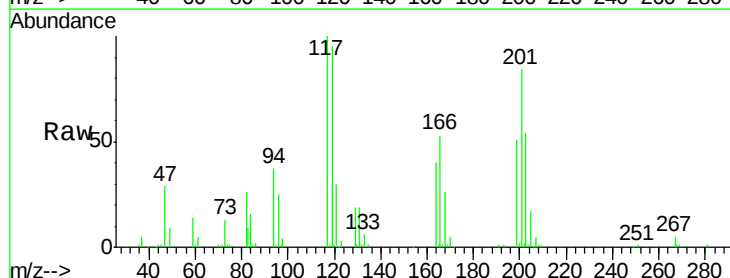
Manual Integrations
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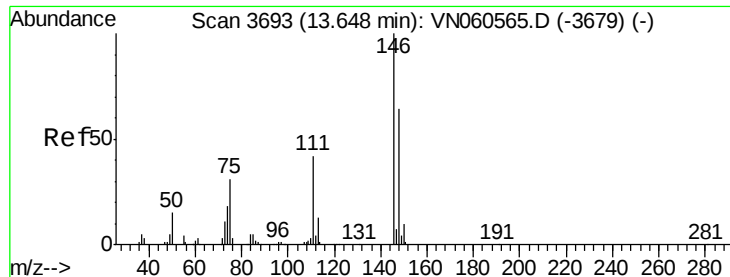
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#90
Hexachloroethane
Concen: 59.838 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.4	40.8	122.5





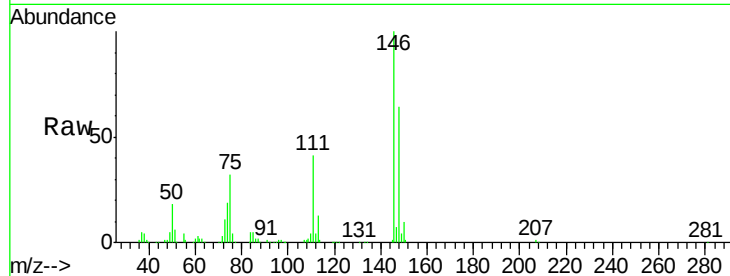
#91
 1,2-Dichlorobenzene
 Concen: 54.682 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	234471		
111	41.5	21.0	63.0	
148	64.1	31.9	95.5	

Manual Integrations
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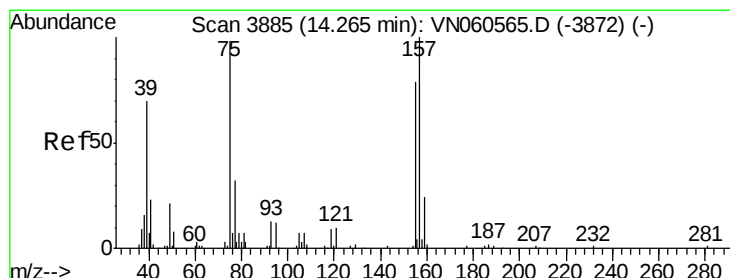
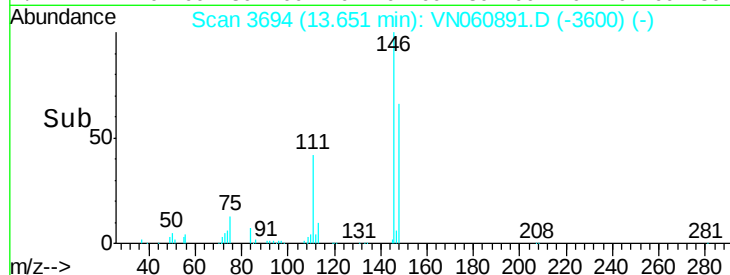
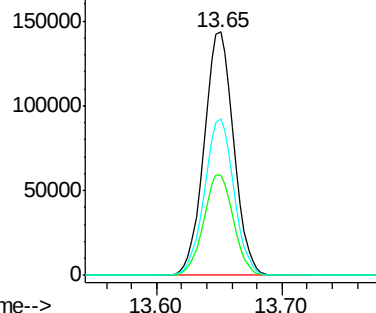


Abundance

Ion 145.90 (145.60 to 146.60): V

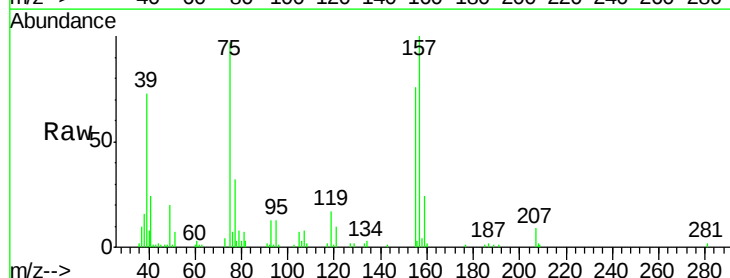
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.702 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31225		
155	80.1	40.7	122.1	
157	104.7	51.5	154.7	

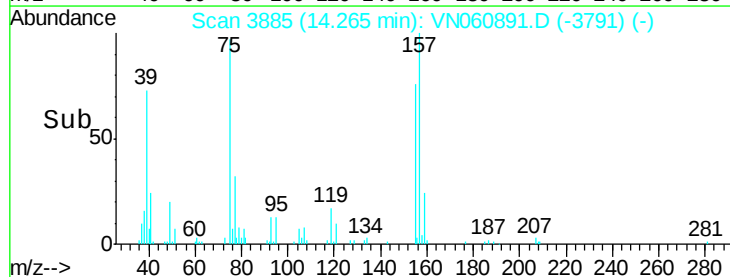
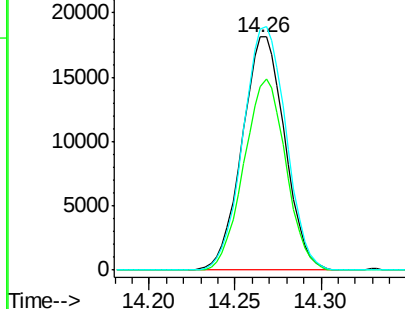


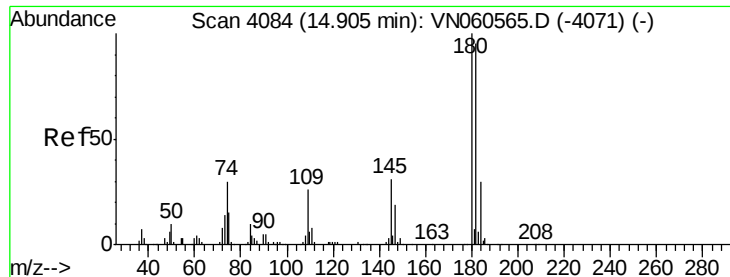
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





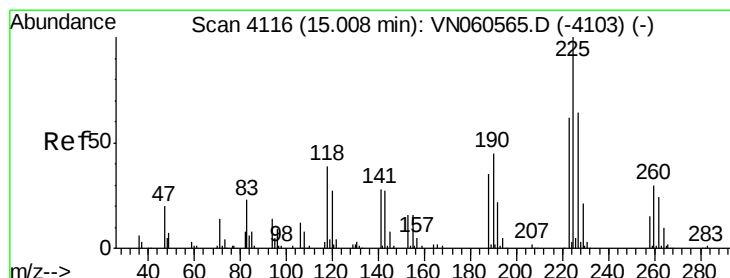
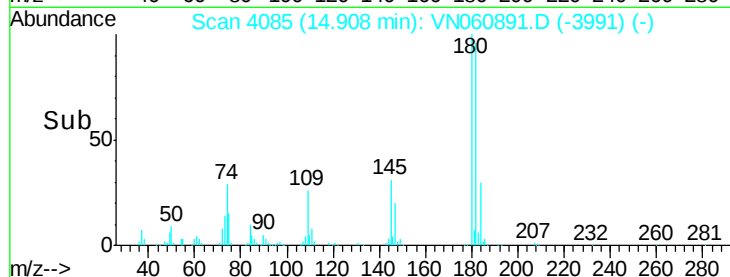
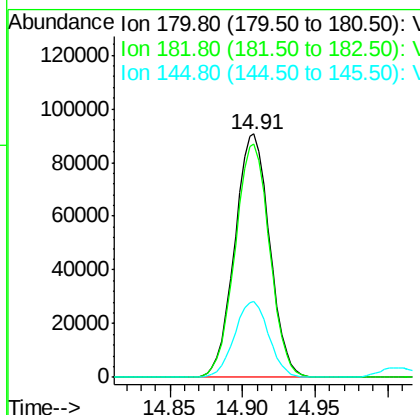
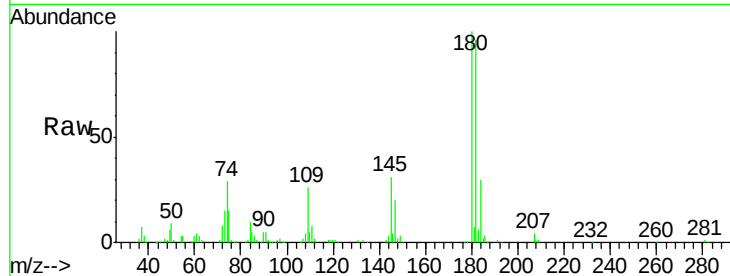
#93
 1,2,4-Trichlorobenzene
 Concen: 57.509 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.8
145	30.7	15.4	46.2

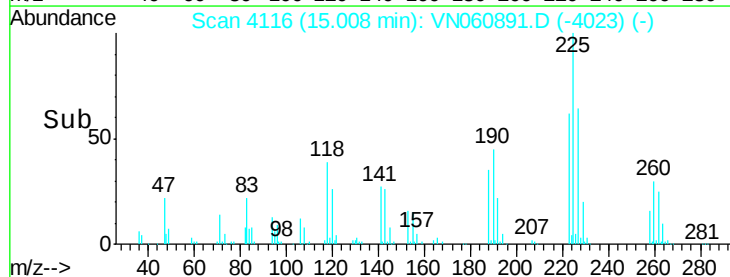
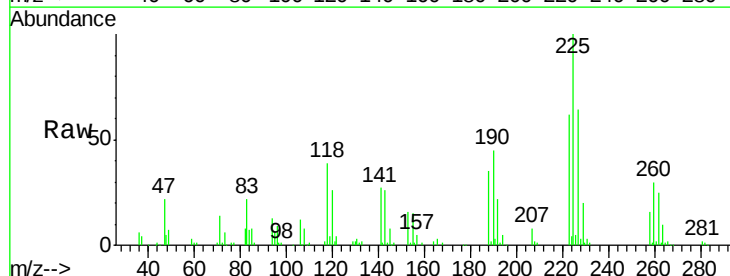
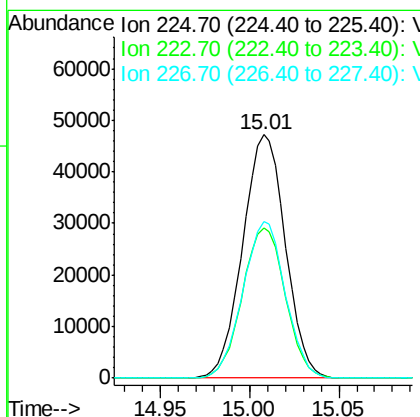
Manual Integrations
 APPROVED

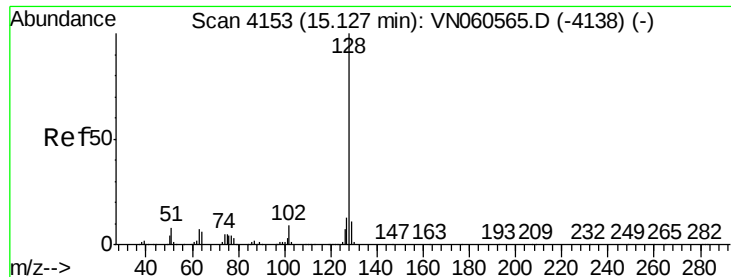
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#94
 Hexachlorobutadiene
 Concen: 60.969 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060891.D
 Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.6	95.0
227	63.8	32.3	96.8





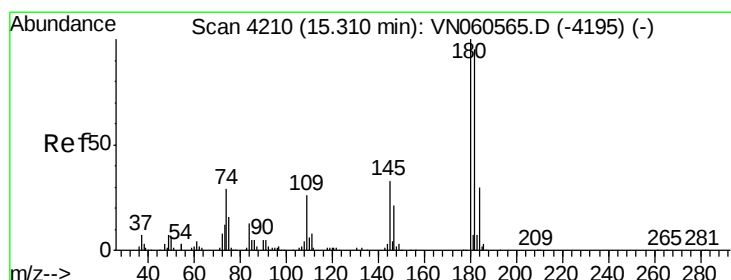
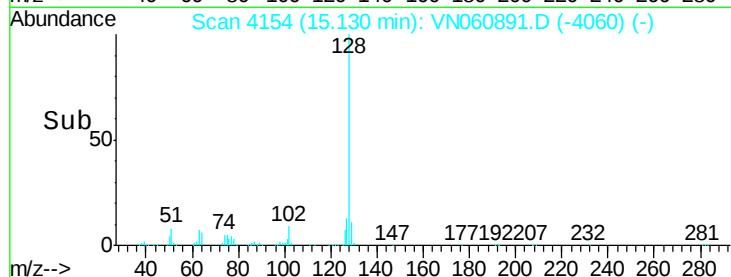
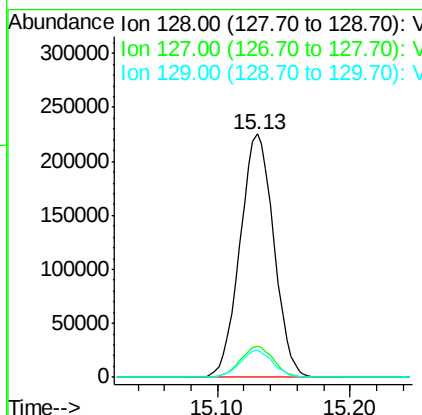
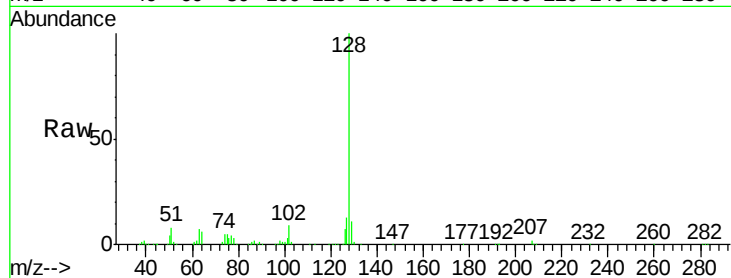
#95
Naphthalene
Concen: 50.293 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.2
129	10.7	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 54.776 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060891.D
Acq: 8 Apr 2020 10:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.5	142.6
145	31.7	16.3	48.8

