

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060729.D
 Acq On : 26 Mar 2020 21:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 3/27/2020 10:11:46 AM

Quant Time: Mar 27 07:44:58 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	191676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	315601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	291408	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	129447	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	
35) Dibromofluoromethane	7.57	113	97216	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	
50) Toluene-d8	10.08	98	385069	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.40	95	143820	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	89063	48.022	ug/l	99
3) Chloromethane	2.04	50	150865	43.554	ug/l	99
4) Vinyl Chloride	2.17	62	119594	44.142	ug/l	99
5) Bromomethane	2.55	94	56726	48.502	ug/l	100
6) Chloroethane	2.69	64	74866	47.970	ug/l	99
7) Trichlorofluoromethane	3.00	101	160331	48.040	ug/l	99
8) Diethyl Ether	3.38	74	65768	49.054	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.74	101	96763	50.036	ug/l	99
10) Methyl Iodide	3.93	142	81800	47.536	ug/l	100
11) Tert butyl alcohol	4.72	59	84596	218.607	ug/l	100
12) 1,1-Dichloroethene	3.72	96	98939	47.676	ug/l	98
13) Acrolein	3.57	56	111490	259.953	ug/l	99
14) Allyl chloride	4.29	41	171580	47.009	ug/l	99
15) Acrylonitrile	4.94	53	276962	243.388	ug/l	99
16) Acetone	3.78	43	218505	234.434	ug/l	99
17) Carbon Disulfide	4.03	76	285821	45.286	ug/l	100
18) Methyl Acetate	4.28	43	127747	48.694	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	339725	47.614	ug/l	98
20) Methylene Chloride	4.52	84	110836	48.341	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	104198	47.111	ug/l	98
22) Diisopropyl ether	5.91	45	390449	50.634	ug/l	96
23) Vinyl Acetate	5.86	43	1592240	253.071	ug/l	99
24) 1,1-Dichloroethane	5.82	63	206623	49.152	ug/l	98
25) 2-Butanone	6.80	43	359499	238.360	ug/l	100
26) 2,2-Dichloropropane	6.79	77	158964	48.062	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	121008	48.145	ug/l	100
28) Bromochloromethane	7.17	49	97124	48.290	ug/l	99
29) Tetrahydrofuran	7.18	42	249399	233.711	ug/l	99
30) Chloroform	7.35	83	196194	48.684	ug/l	99
31) Cyclohexane	7.63	56	196097	46.271	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	171002	49.222	ug/l	100
36) 1,1-Dichloropropene	7.77	75	154265	50.479	ug/l	100
37) Ethyl Acetate	6.89	43	156417	47.369	ug/l	98
38) Carbon Tetrachloride	7.75	117	136233	49.739	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	187085	51.515	ug/l	99
40) Benzene	8.02	78	457641	49.607	ug/l	99
41) Methacrylonitrile	7.14	41	72742m	51.618	ug/l	
42) 1,2-Dichloroethane	8.10	62	158054	50.132	ug/l	100
43) Isopropyl Acetate	8.14	43	270949	49.754	ug/l	99
44) Trichloroethene	8.82	130	115627	49.719	ug/l	98
45) 1,2-Dichloropropane	9.10	63	125681	51.630	ug/l	97
46) Dibromomethane	9.19	93	74341	50.515	ug/l	100
47) Bromodichloromethane	9.39	83	155478	50.841	ug/l	97
48) Methyl methacrylate	9.18	41	119999	49.492	ug/l	99
49) 1,4-Dioxane	9.18	88	26996	936.735	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	776429	250.552	ug/l	100
52) Toluene	10.14	92	278917	50.062	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	179896	51.212	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	193184	50.129	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	107753	50.272	ug/l	99
56) Ethyl methacrylate	10.42	69	172122	51.501	ug/l	99
57) 1,3-Dichloropropane	10.70	76	186243	50.072	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	408409	245.873	ug/l	100
59) 2-Hexanone	10.74	43	556991	249.517	ug/l	100
60) Dibromochloromethane	10.89	129	112893	50.989	ug/l	100
61) 1,2-Dibromoethane	10.99	107	108587	50.381	ug/l	99
64) Tetrachloroethene	10.62	164	109264	47.648	ug/l	99
65) Chlorobenzene	11.43	112	282785	48.951	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	104221	49.828	ug/l	98
67) Ethyl Benzene	11.50	91	538599	50.135	ug/l	99
68) m/p-Xylenes	11.62	106	396821	99.400	ug/l	100
69) o-Xylene	11.94	106	189828	49.811	ug/l	100
70) Styrene	11.96	104	317306	50.909	ug/l	100
71) Bromoform	12.12	173	80630	46.503	ug/l #	99
73) Isopropylbenzene	12.25	105	513354	47.780	ug/l	100
74) N-amyl acetate	12.06	43	237907	47.919	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	154341	47.502	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	152142m	49.249	ug/l	
77) Bromobenzene	12.52	156	121569	46.956	ug/l	98
78) n-propylbenzene	12.59	91	613869	48.361	ug/l	99
79) 2-Chlorotoluene	12.67	91	354299	46.714	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	436487	47.872	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	54872	45.618	ug/l	99
82) 4-Chlorotoluene	12.77	91	368926	47.760	ug/l	100
83) tert-Butylbenzene	12.99	119	364156	48.179	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	434493	48.168	ug/l	99
85) sec-Butylbenzene	13.17	105	507190	49.902	ug/l	100
86) p-Isopropyltoluene	13.28	119	453283	49.596	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	222418	48.710	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	222449	48.489	ug/l	99
89) n-Butylbenzene	13.61	91	430362	52.155	ug/l	100
90) Hexachloroethane	13.87	117	67592	50.878	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	213390	48.873	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30703	45.089	ug/l	99

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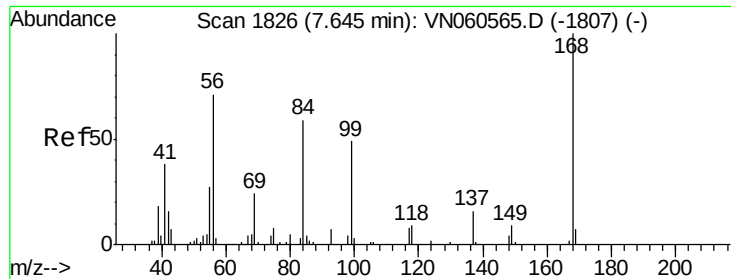
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139267	51.941	ug/l	100
94) Hexachlorobutadiene	15.01	225	68019	51.749	ug/l	98
95) Naphthalene	15.13	128	394962	48.975	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	131317	49.723	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 191676

Ion Ratio Lower Upper

168 100

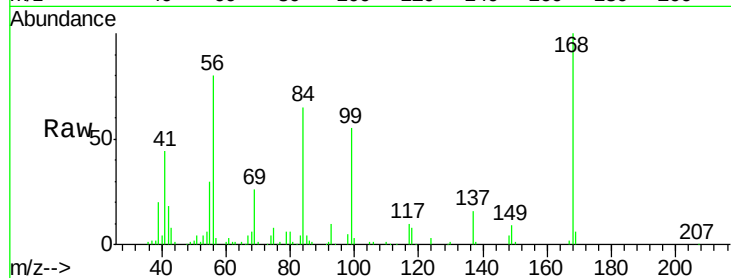
99 55.1 44.0 66.0

Manual Integrations

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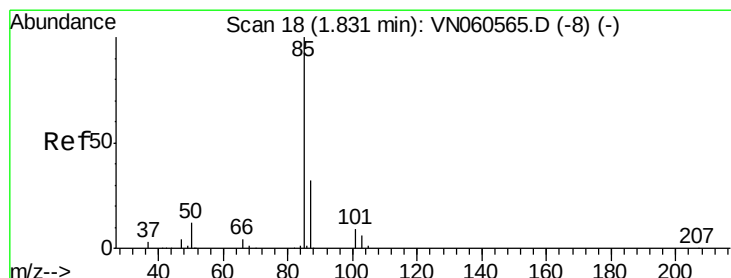
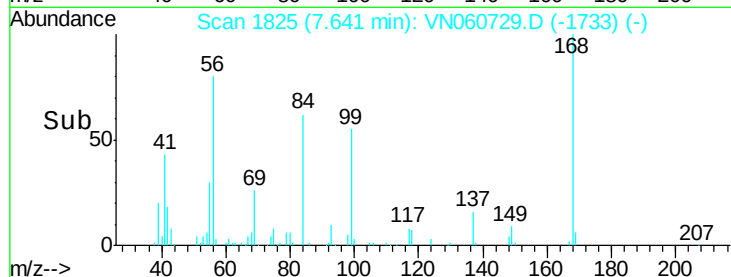
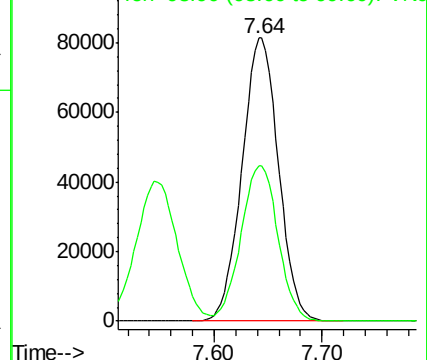
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.022 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060729.D

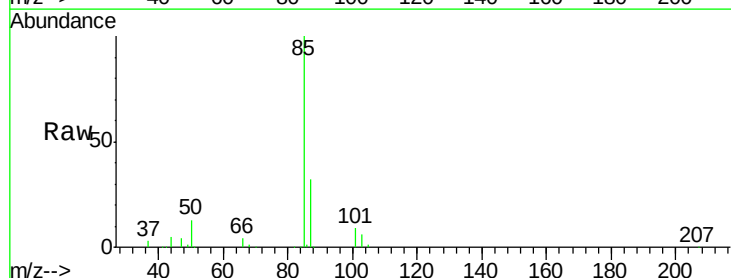
Acq: 26 Mar 2020 21:08

Tgt Ion: 85 Resp: 89063

Ion Ratio Lower Upper

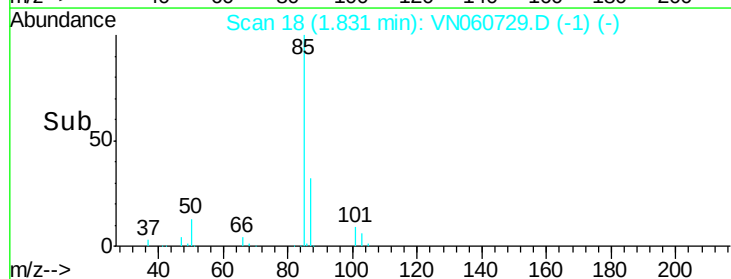
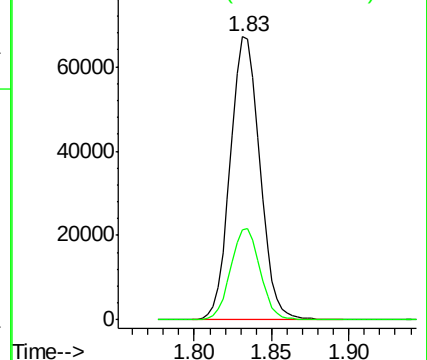
85 100

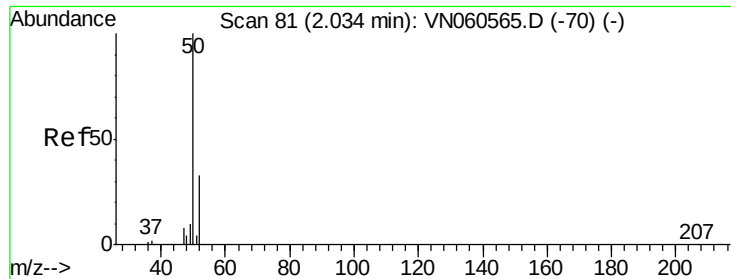
87 31.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.554 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 150865

Ion Ratio Lower Upper

50 100

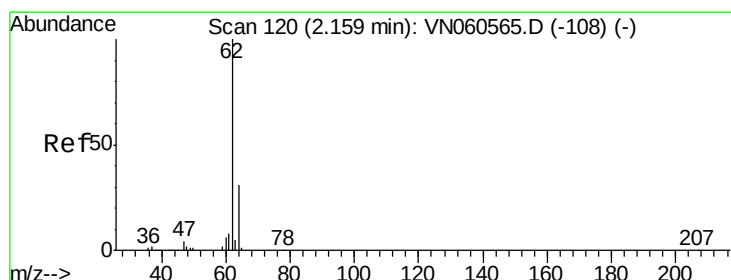
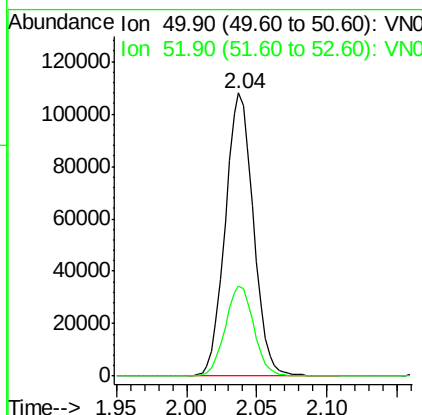
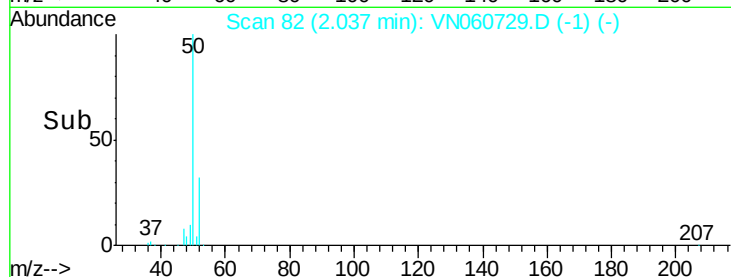
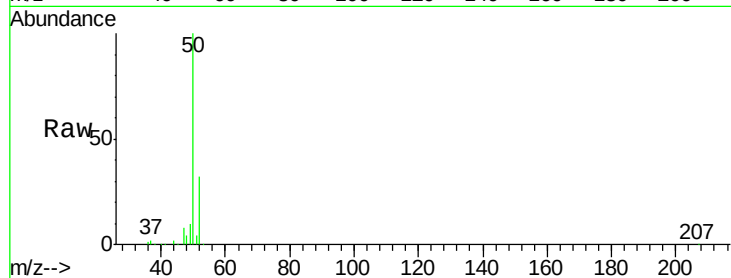
52 32.0 26.2 39.2

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#4

Vinyl Chloride

Concen: 44.142 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060729.D

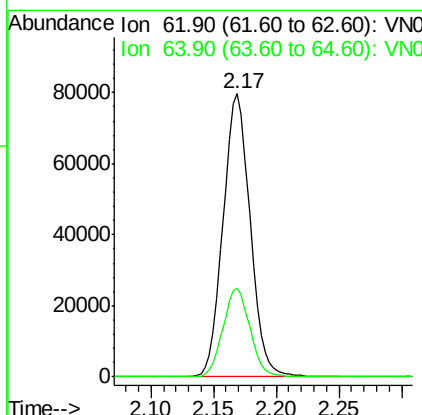
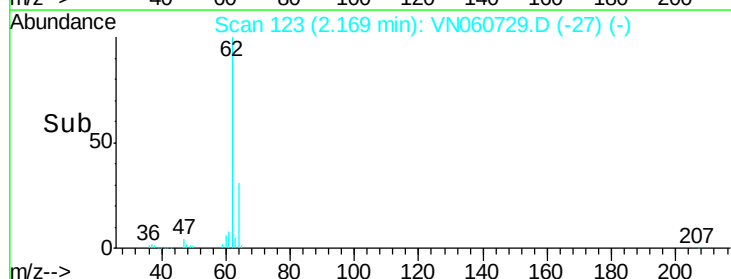
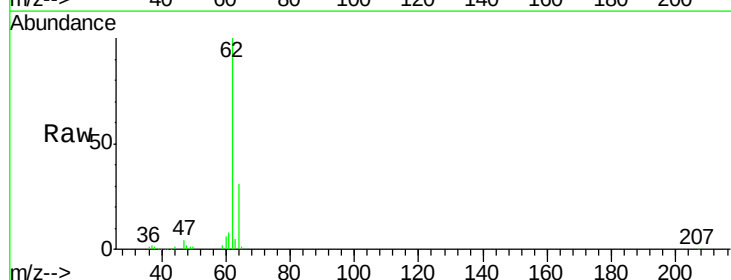
Acq: 26 Mar 2020 21:08

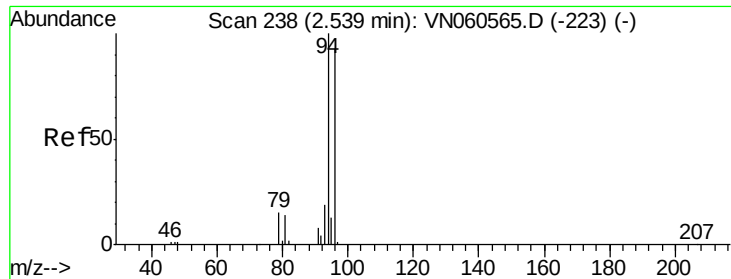
Tgt Ion: 62 Resp: 119594

Ion Ratio Lower Upper

62 100

64 31.5 24.7 37.1





#5

Bromomethane

Concen: 48.502 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 56726

Ion Ratio Lower Upper

94 100

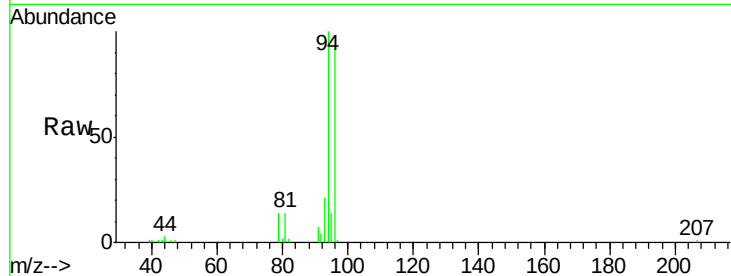
96 93.2 74.6 112.0

Manual Integrations

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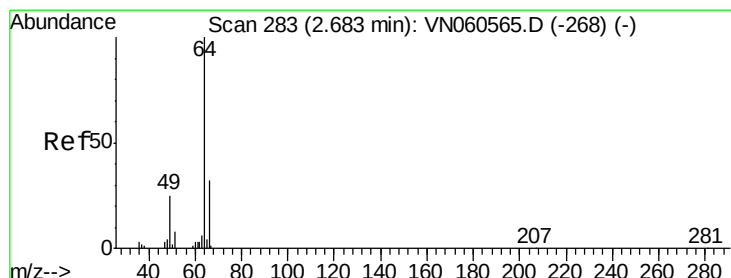
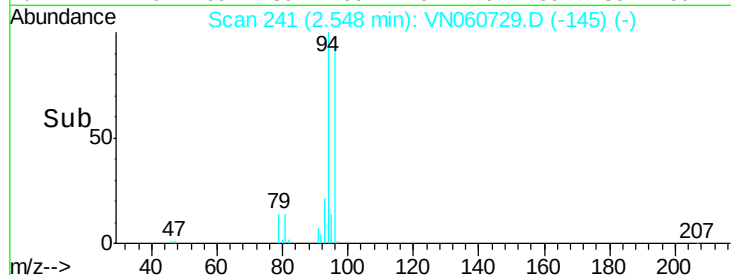
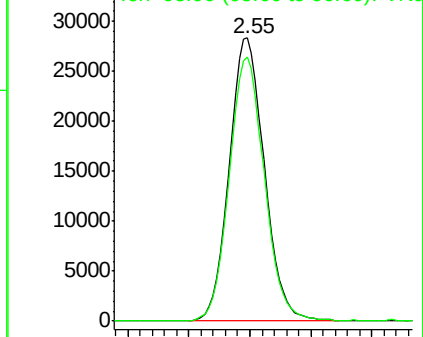
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.970 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060729.D

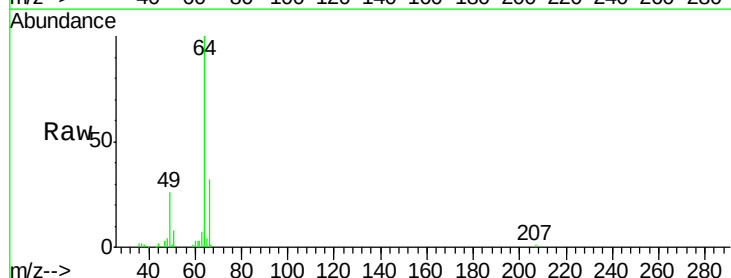
Acq: 26 Mar 2020 21:08

Tgt Ion: 64 Resp: 74866

Ion Ratio Lower Upper

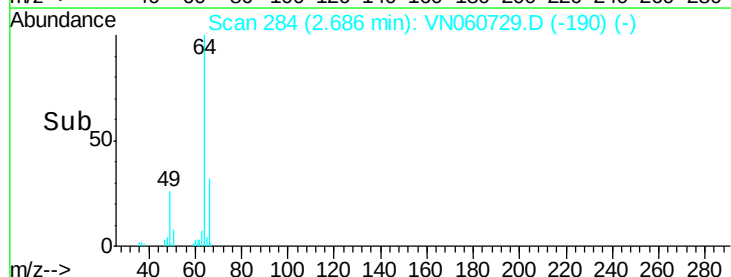
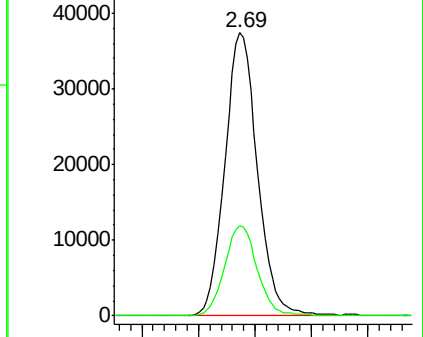
64 100

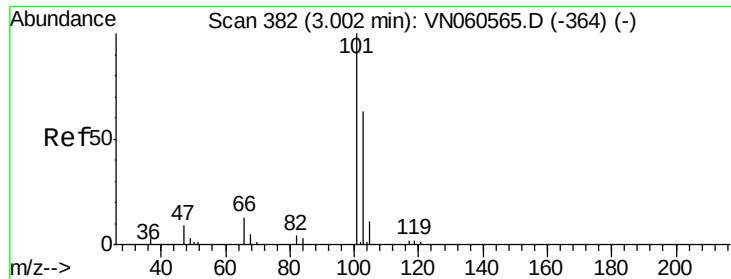
66 31.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

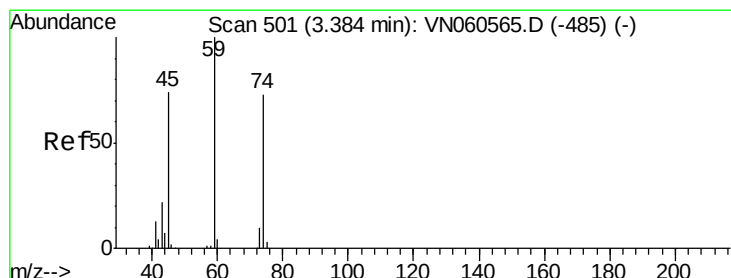
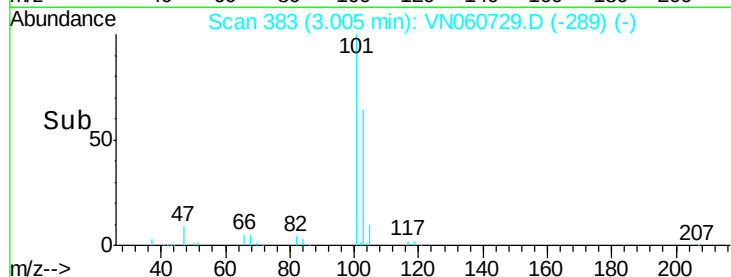
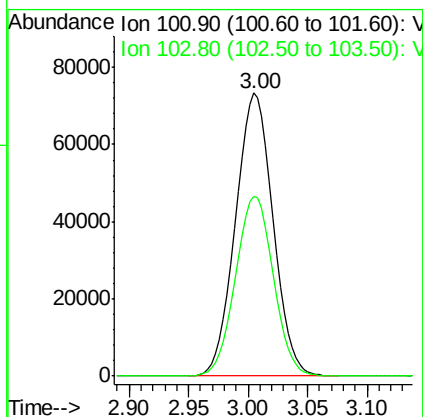
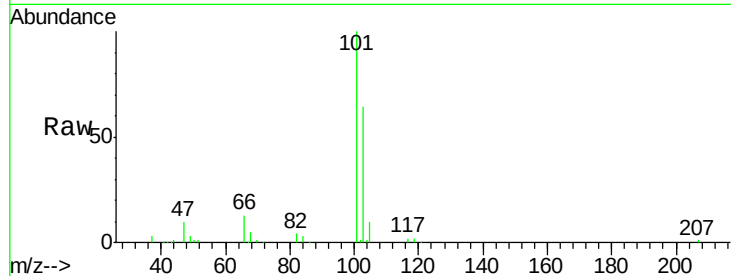
Trichlorofluoromethane
Concen: 48.040 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

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VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.6	76.0

Manual Integrations
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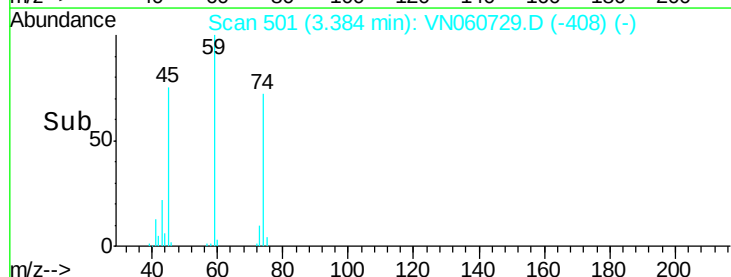
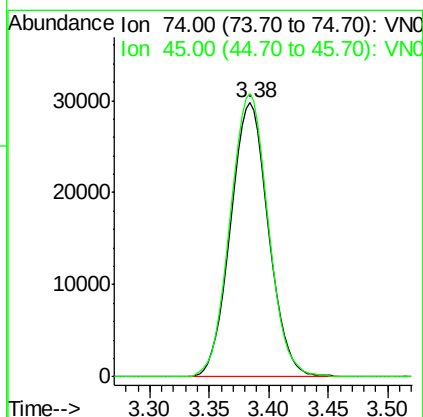
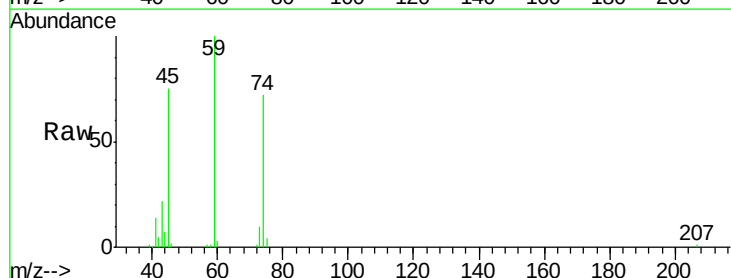
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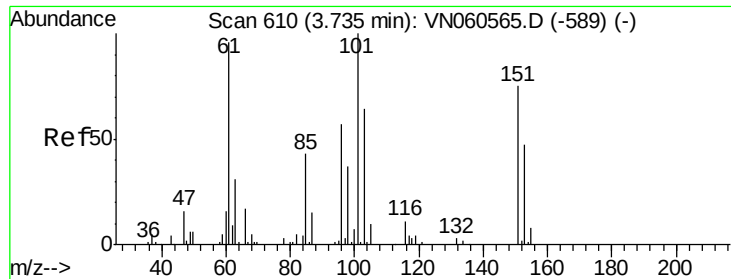


#8

Diethyl Ether
Concen: 49.054 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	51.3	153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.036 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.01 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

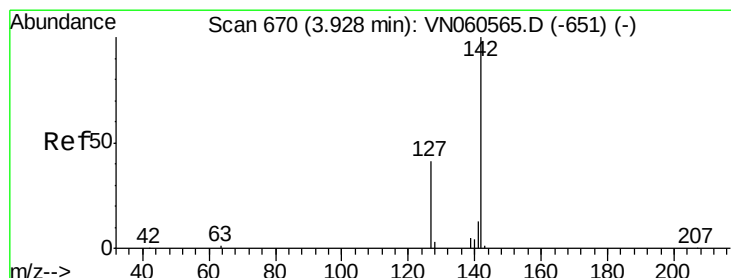
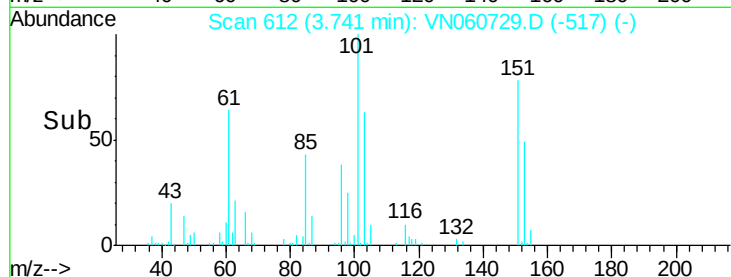
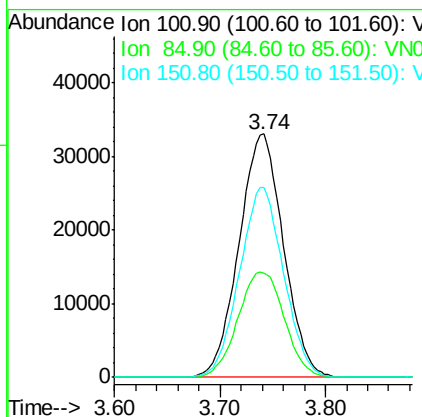
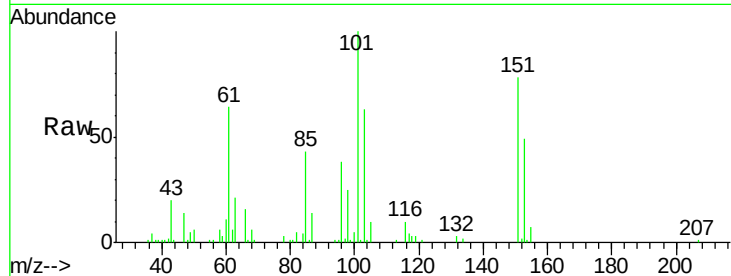
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	96763
Ion Ratio	Lower	Upper	
101	100		
85	45.0	35.6	53.4
151	77.4	61.4	92.2

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#10

Methyl Iodide

Concen: 47.536 ug/l

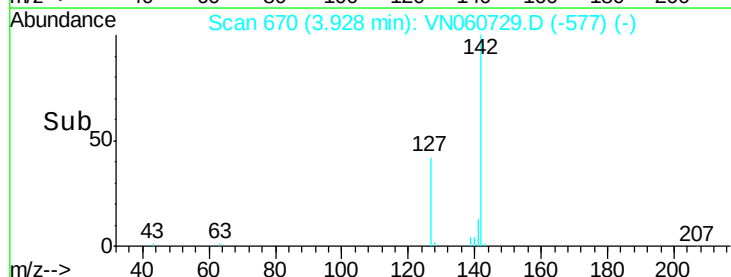
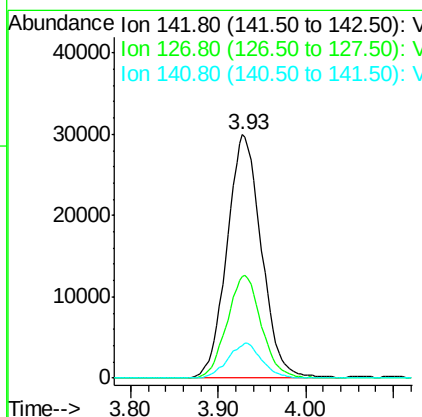
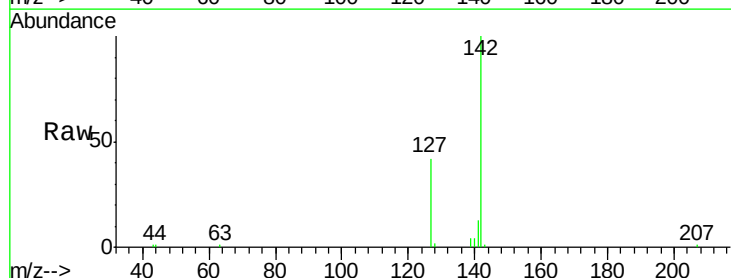
RT: 3.93 min Scan# 670

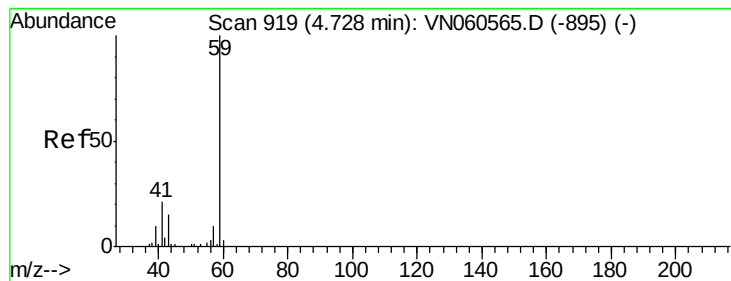
Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion:	142	Resp:	81800
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.5	50.3
141	14.0	11.0	16.6





#11

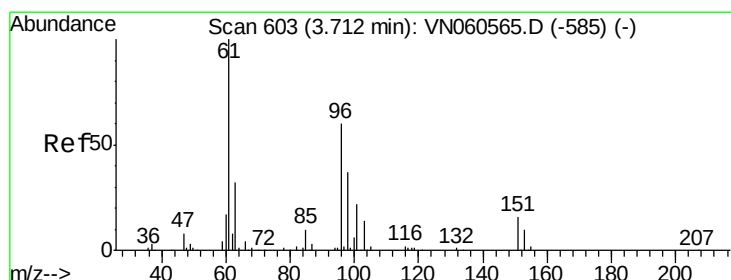
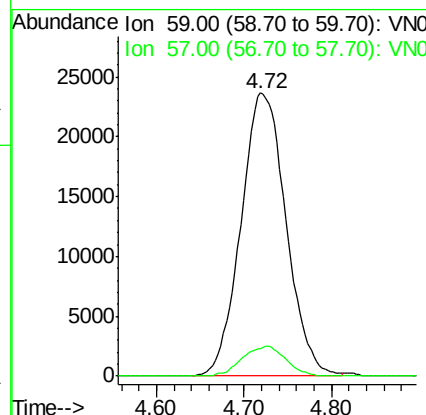
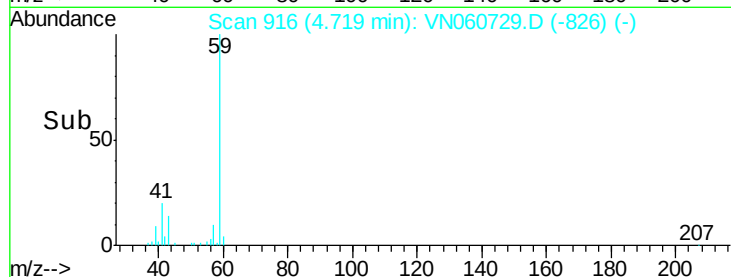
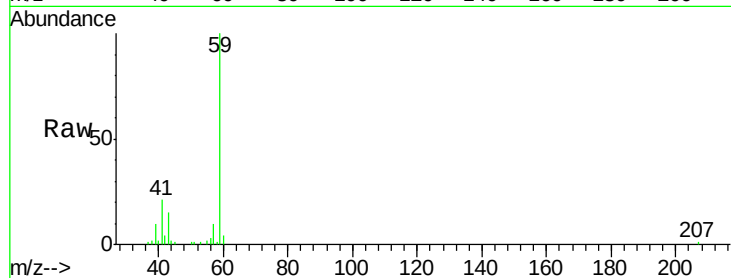
Tert butyl alcohol
Concen: 218.607 ug/l
RT: 4.72 min Scan# 916
Delta R.T. -0.01 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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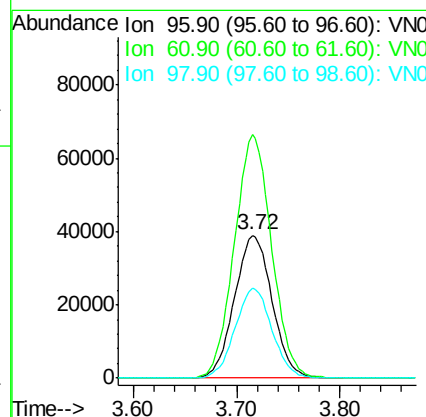
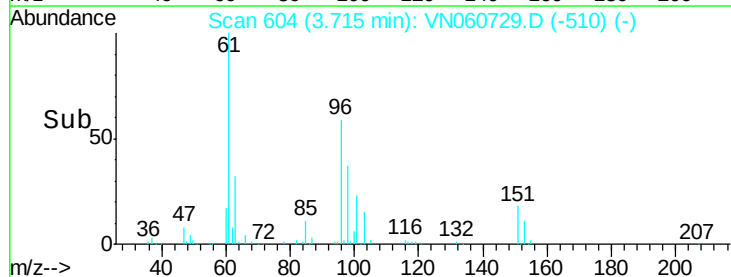
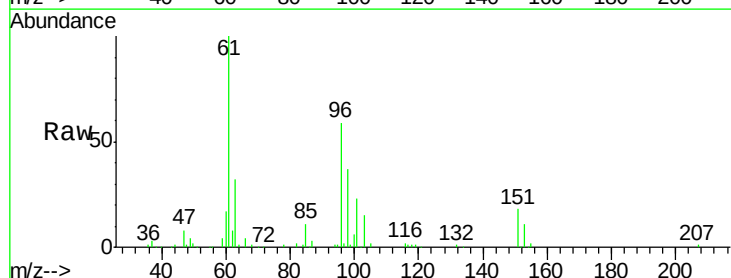
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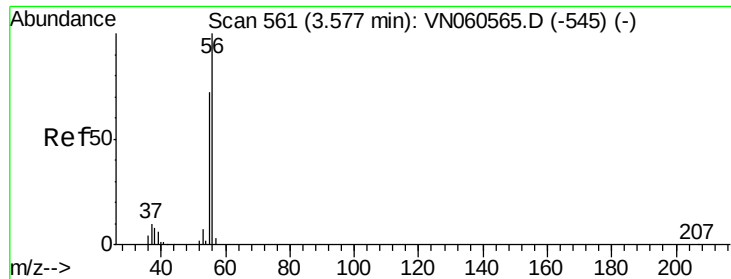


#12

1,1-Dichloroethene
Concen: 47.676 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.7	134.1	201.1
98	62.9	49.9	74.9





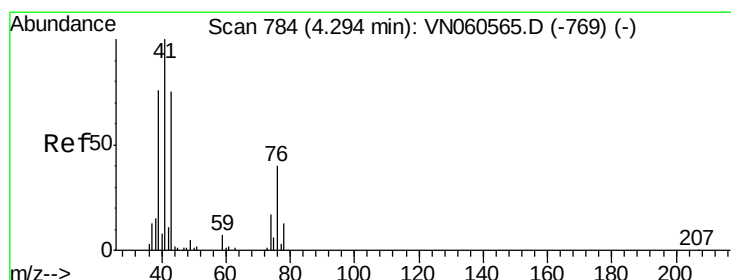
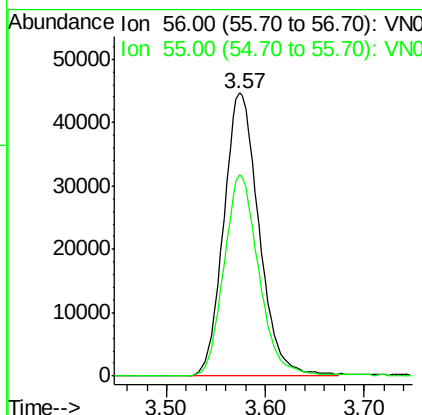
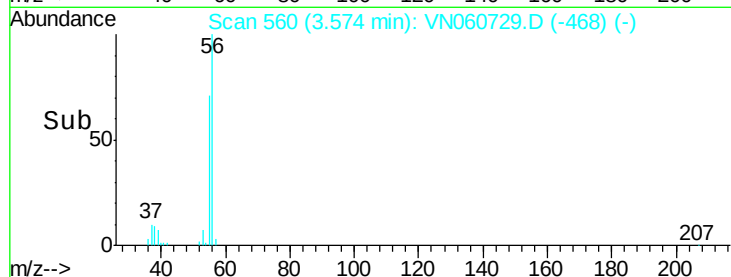
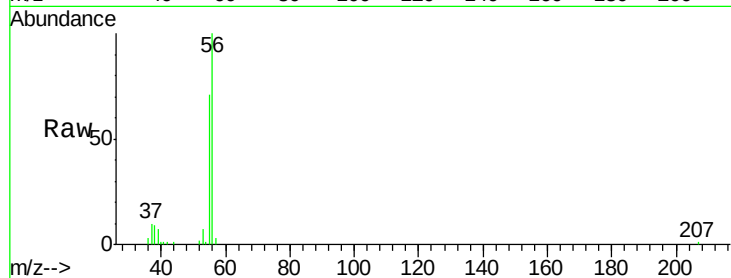
#13
Acrolein
Concen: 259.953 ug/l
RT: 3.57 min Scan# 560
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	111490
Ion Ratio	100	Lower	Upper
56	100		
55	70.1	56.7	85.1

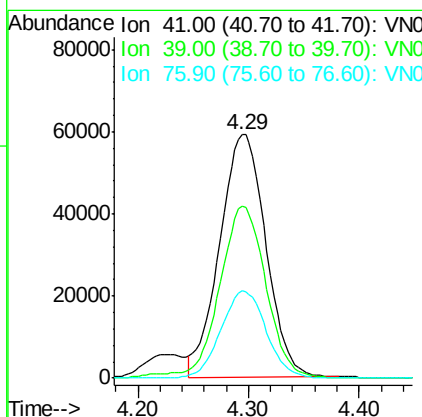
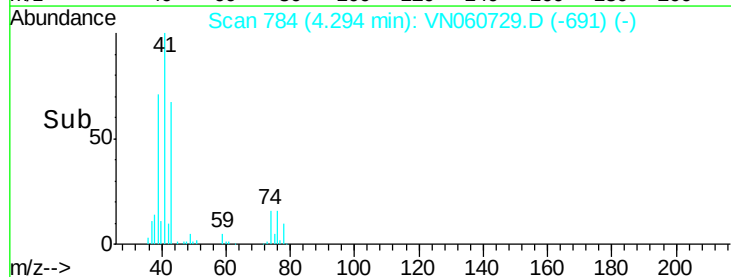
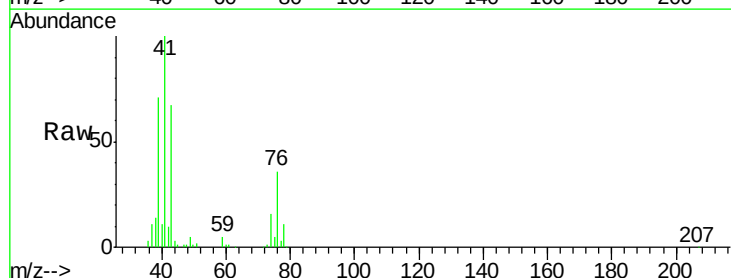
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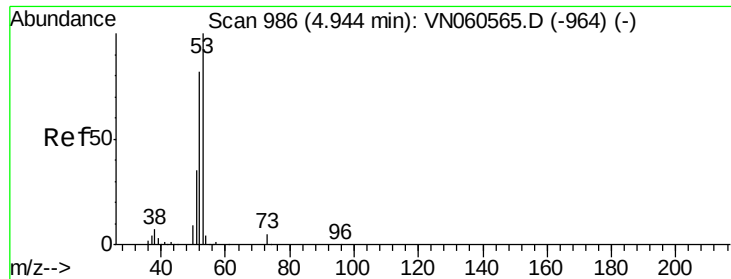
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#14
Allyl chloride
Concen: 47.009 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	41	Resp	171580
Ion Ratio	100	Lower	Upper
41	100		
39	71.7	57.8	86.8
76	35.2	28.6	43.0





#15

Acrylonitrile

Concen: 243.388 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

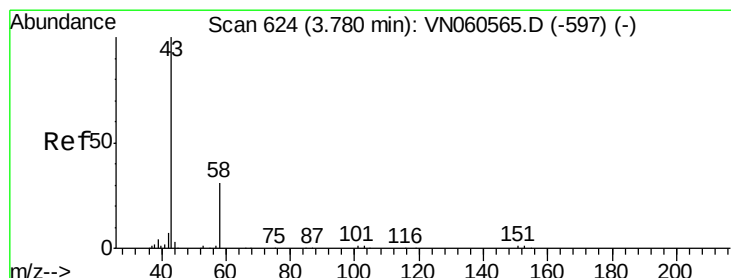
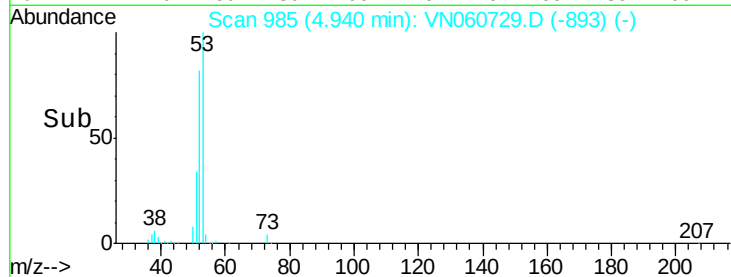
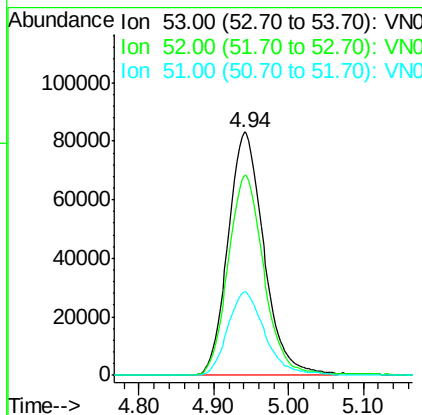
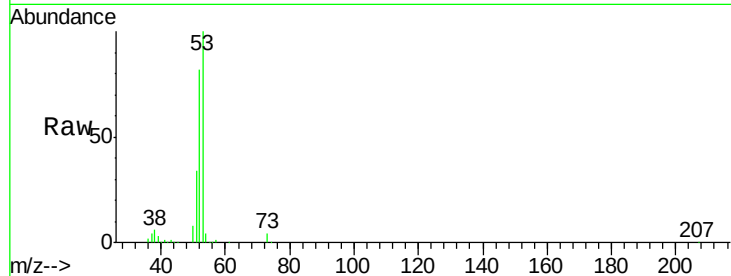
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	276962
Ion Ratio	Lower	Upper	
53	100		
52	81.6	66.2	99.4
51	35.7	28.7	43.1

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#16

Acetone

Concen: 234.434 ug/l

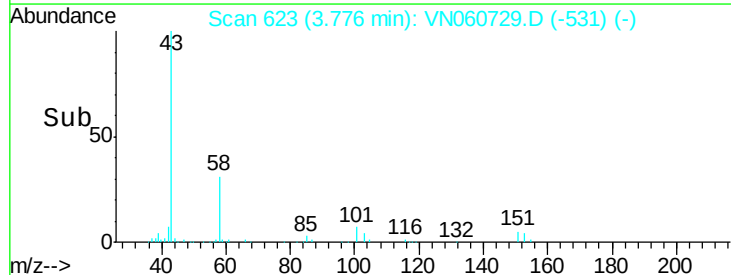
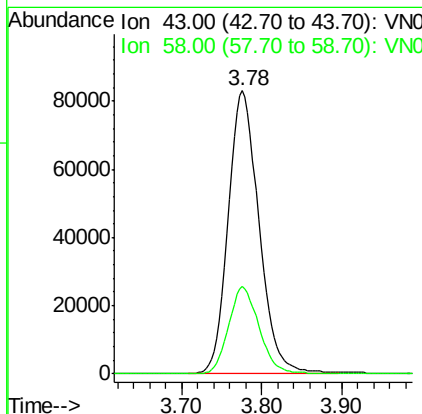
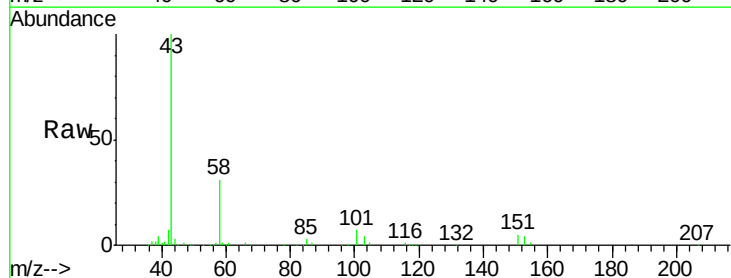
RT: 3.78 min Scan# 623

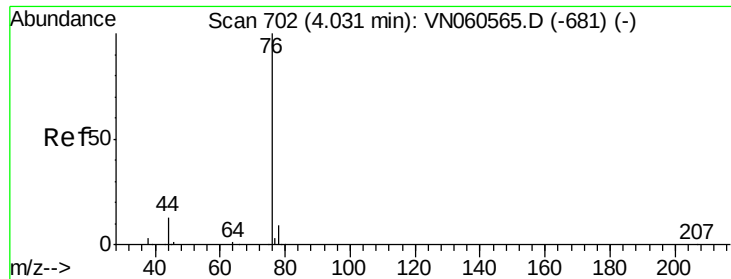
Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion:	43	Resp:	218505
Ion Ratio	Lower	Upper	
43	100		
58	30.9	25.1	37.7





#17

Carbon Disulfide

Concen: 45.286 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 285821

Ion Ratio Lower Upper

76 100

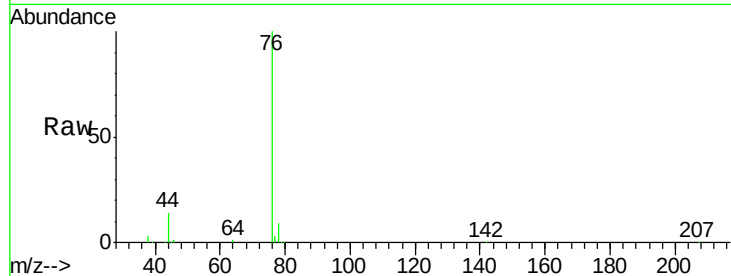
78 9.0 7.2 10.8

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Abundance Ion 75.90 (75.60 to 76.60): VN060729.D (-689) (-)

Ion 77.90 (77.60 to 78.60): VN060729.D (-689) (-)

4.03

120000

100000

80000

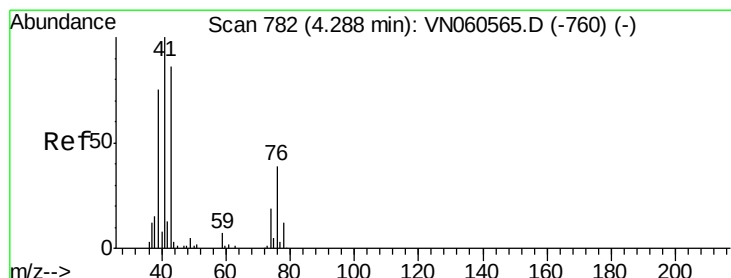
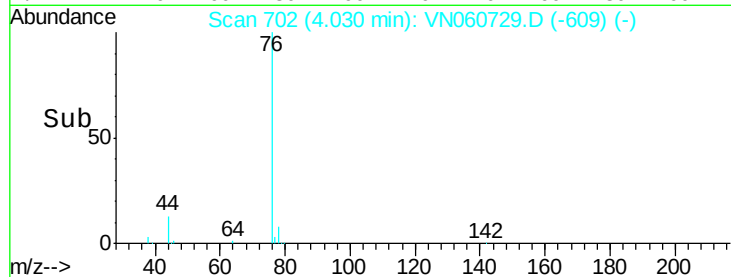
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 48.694 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060729.D

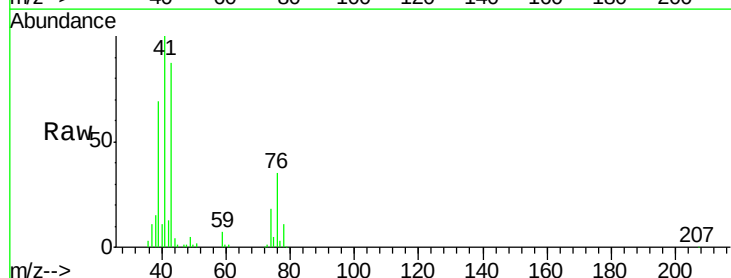
Acq: 26 Mar 2020 21:08

Tgt Ion: 43 Resp: 127747

Ion Ratio Lower Upper

43 100

74 21.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060729.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060729.D (-689) (-)

4.28

50000

40000

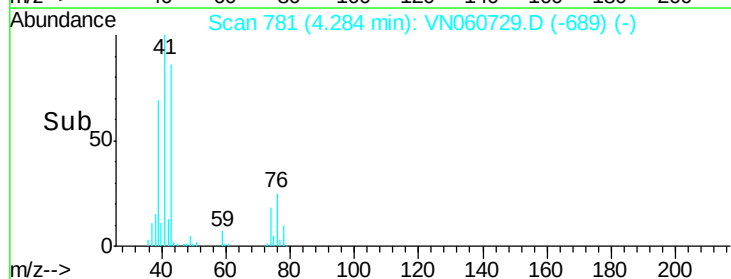
30000

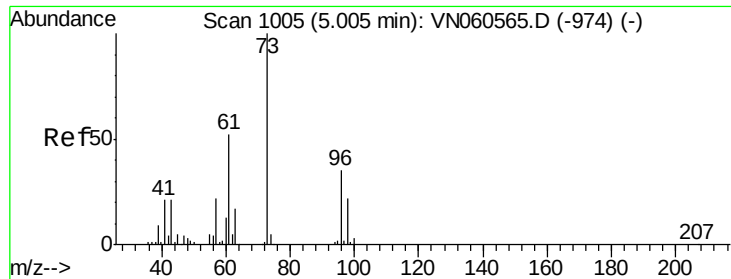
20000

10000

0

Time-->





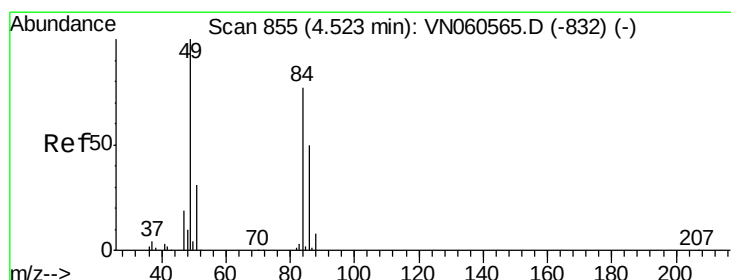
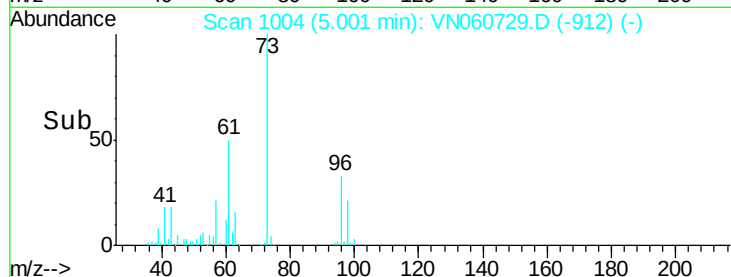
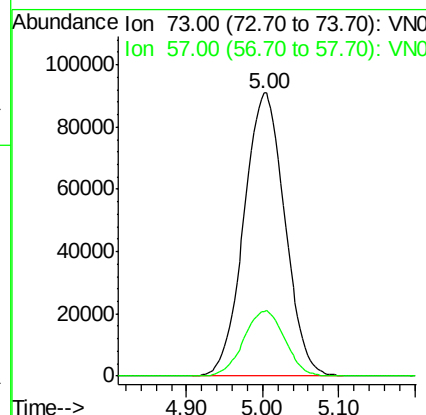
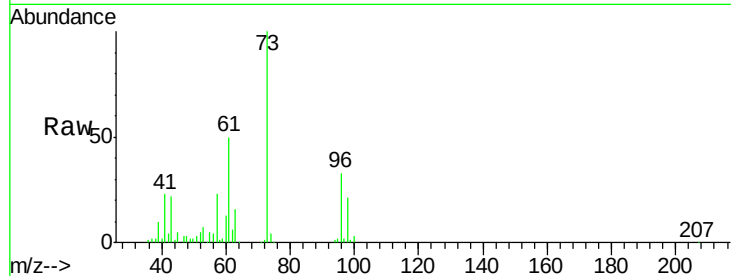
#19
Methyl tert-butyl Ether
Concen: 47.614 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 339725
Ion Ratio Lower Upper
73 100
57 22.9 17.5 26.3

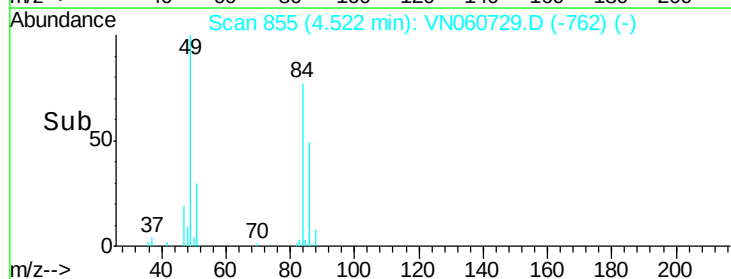
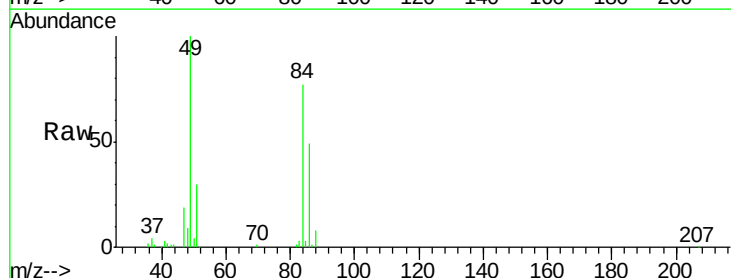
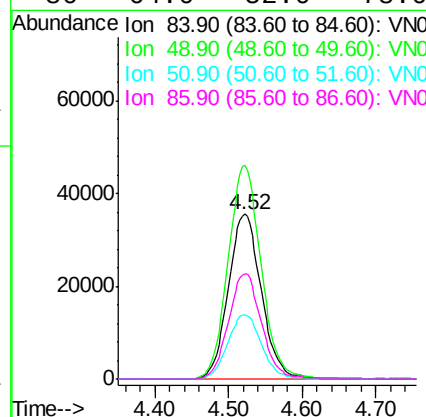
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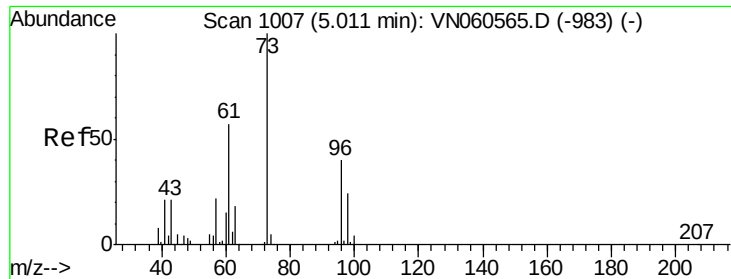
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#20
Methylene Chloride
Concen: 48.341 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 84 Resp: 110836
Ion Ratio Lower Upper
84 100
49 129.7 103.3 154.9
51 38.8 31.6 47.4
86 64.0 52.0 78.0





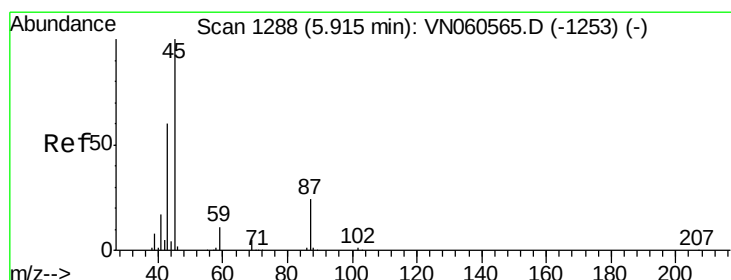
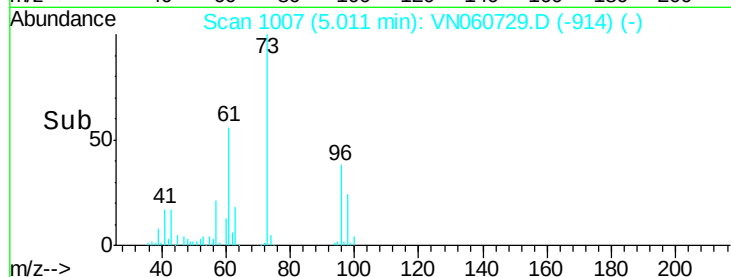
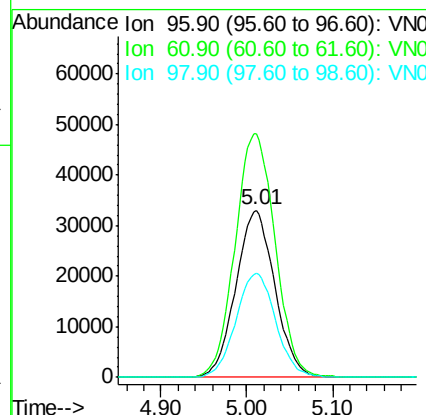
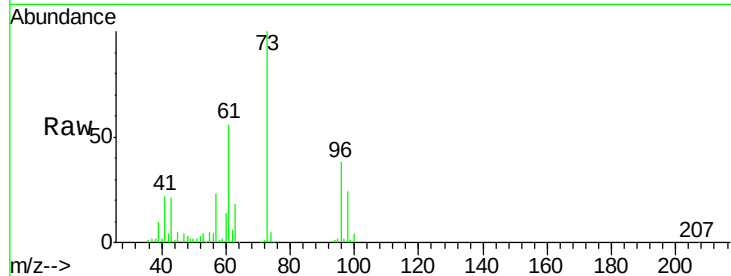
#21
trans-1,2-Dichloroethene
Concen: 47.111 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.8	114.4	171.6
98	62.4	48.4	72.6

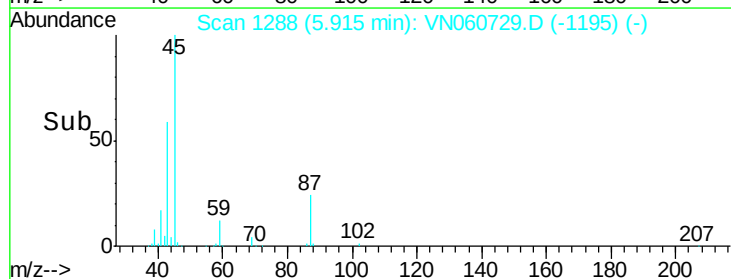
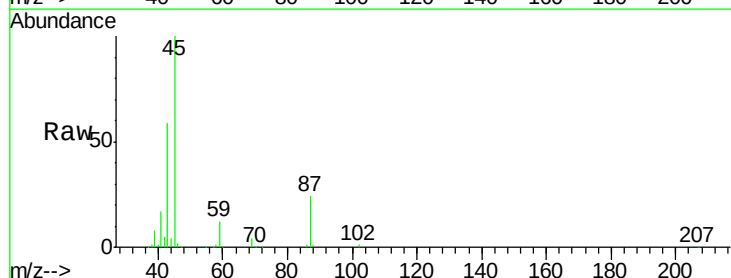
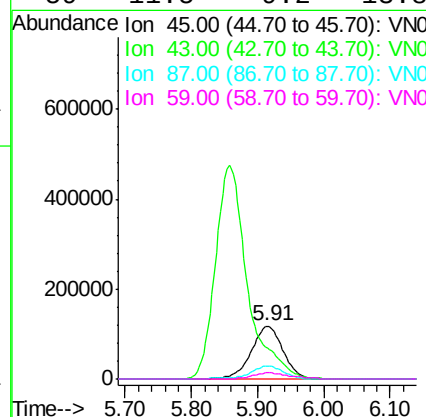
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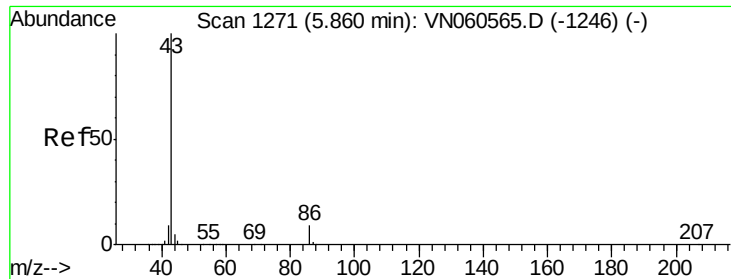
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#22
Diisopropyl ether
Concen: 50.634 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.0	49.8	74.8
87	24.2	20.1	30.1
59	11.5	9.2	13.8





#23

Vinyl Acetate

Concen: 253.071 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1592240

Ion Ratio Lower Upper

43 100

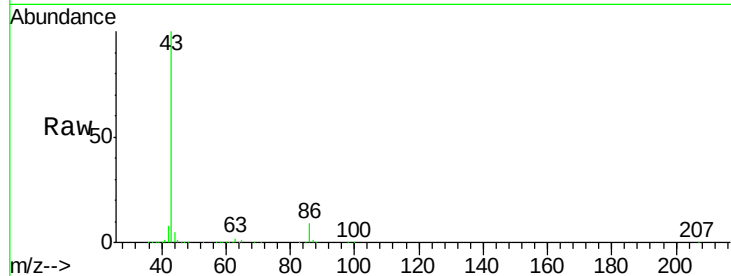
86 9.2 7.6 11.4

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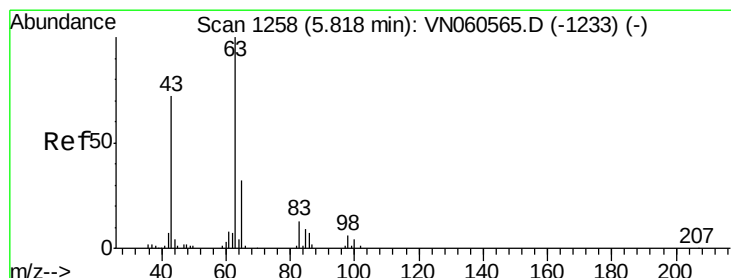
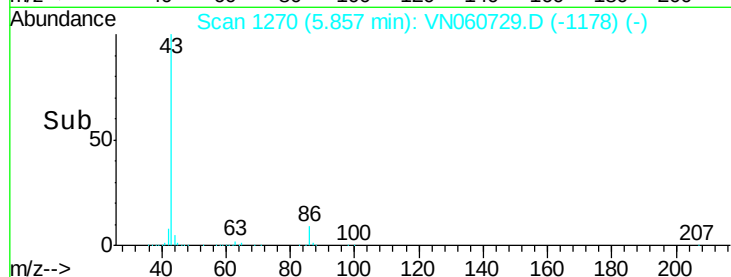
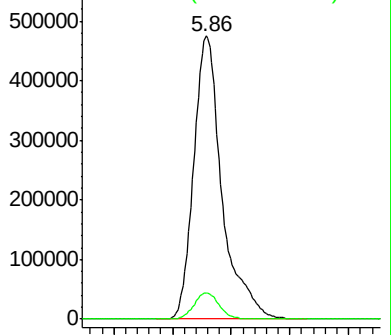
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.152 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

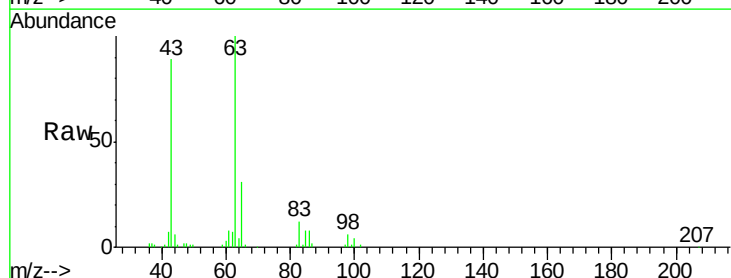
Tgt Ion: 63 Resp: 206623

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.7

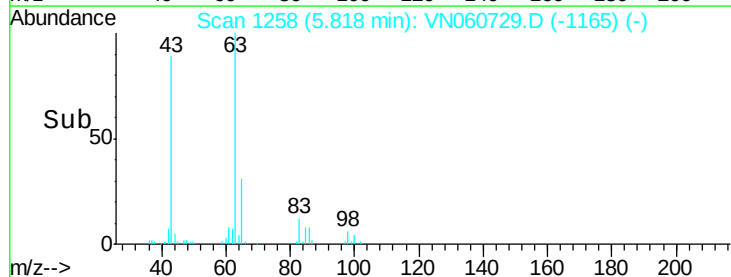
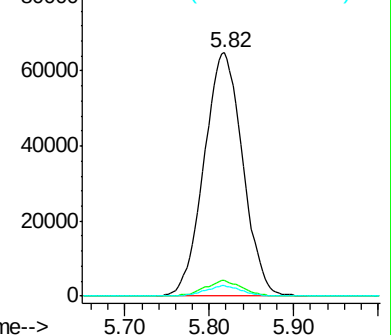
100 4.3 1.8 5.5

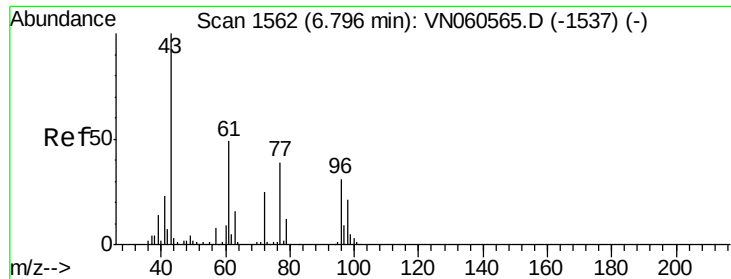


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 238.360 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 359499

Ion Ratio Lower Upper

43 100

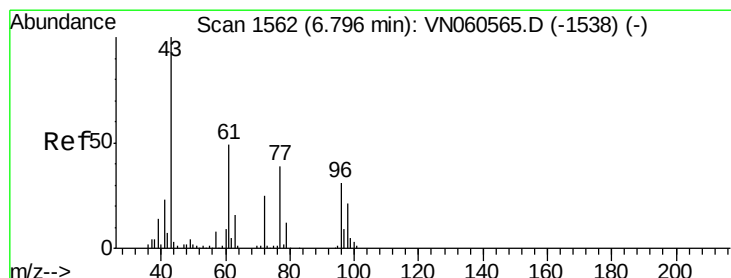
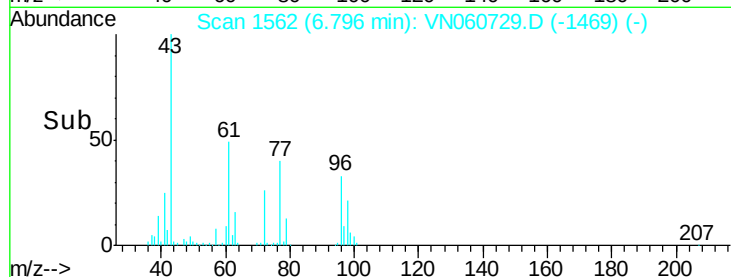
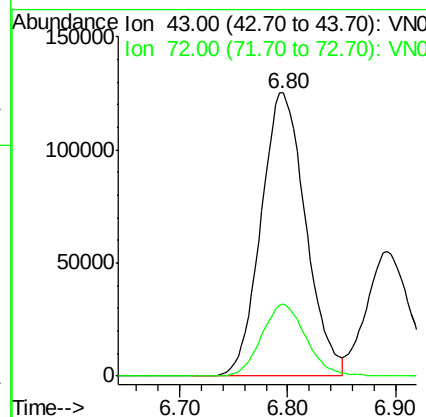
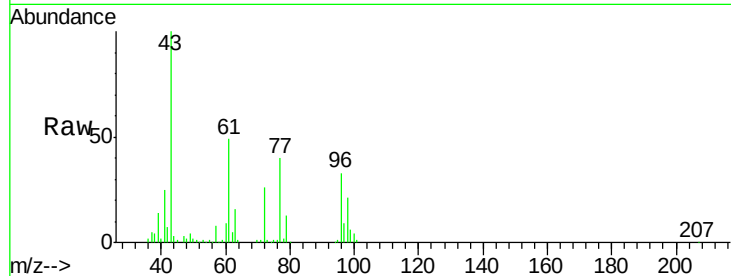
72 25.6 20.4 30.6

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#26

2,2-Dichloropropane

Concen: 48.062 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN060729.D

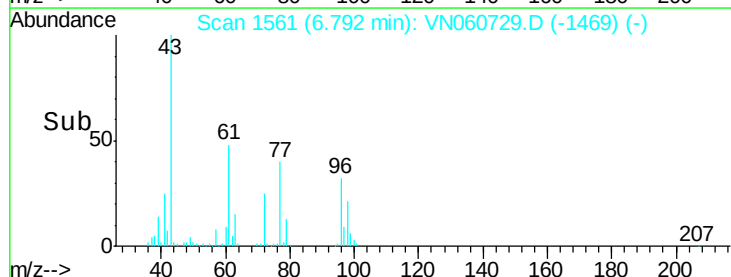
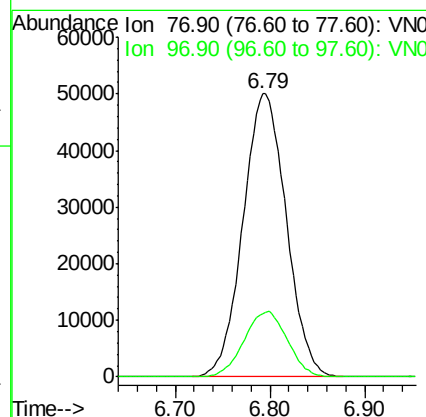
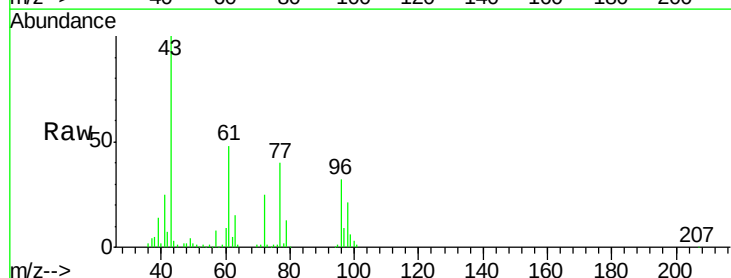
Acq: 26 Mar 2020 21:08

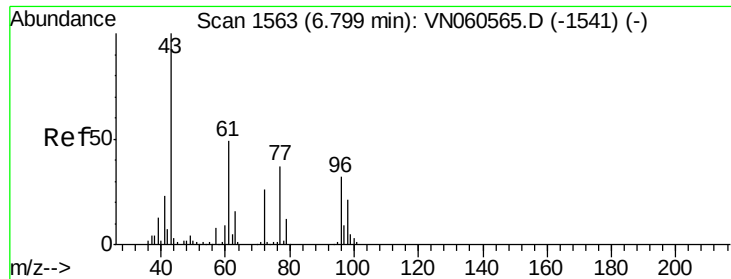
Tgt Ion: 77 Resp: 158964

Ion Ratio Lower Upper

77 100

97 23.2 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 48.145 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

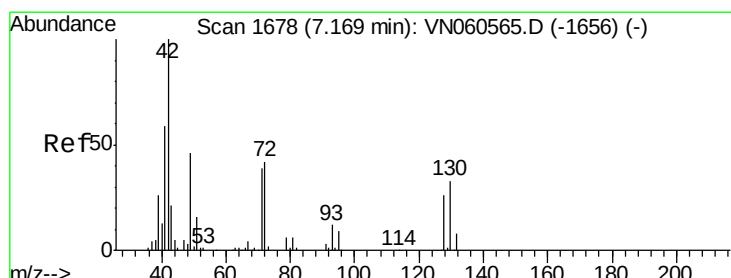
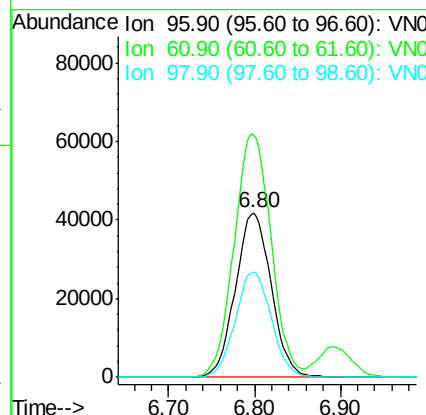
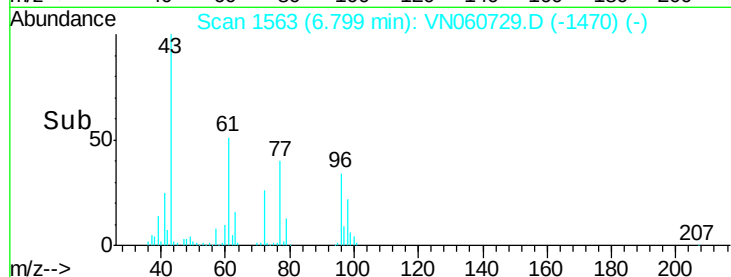
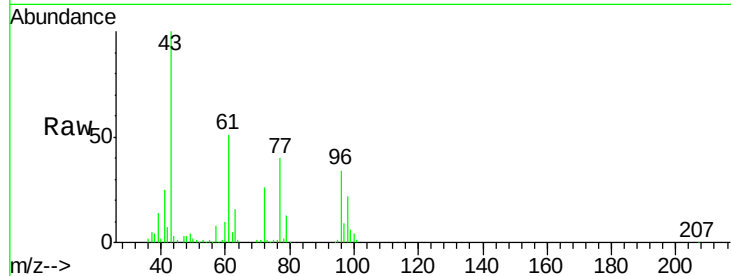
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	121008
Ion	Ratio	Lower	Upper
96	100		
61	152.9	0.0	305.6
98	64.4	0.0	127.6

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#28

Bromochloromethane

Concen: 48.290 ug/l

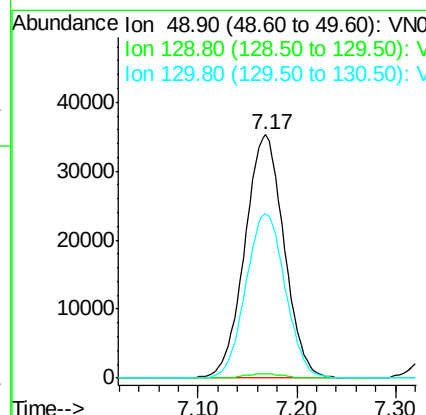
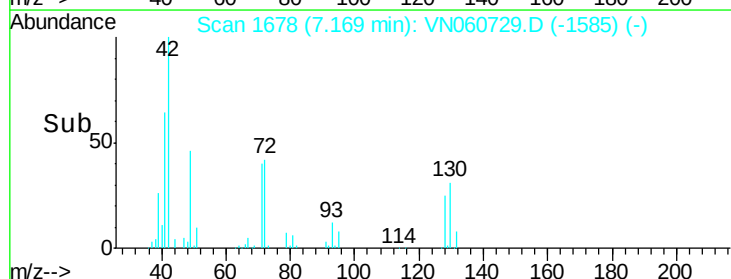
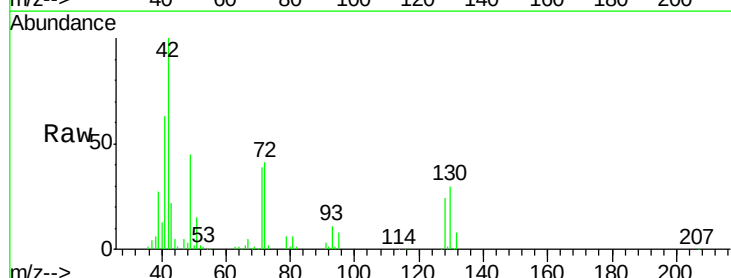
RT: 7.17 min Scan# 1678

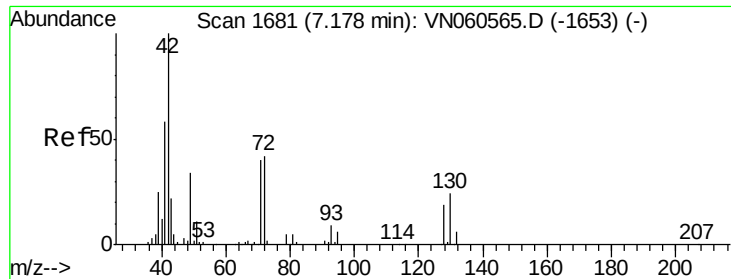
Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion:	49	Resp:	97124
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.4
130	67.7	55.0	82.4





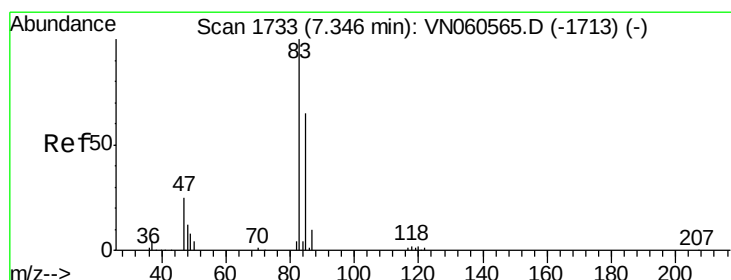
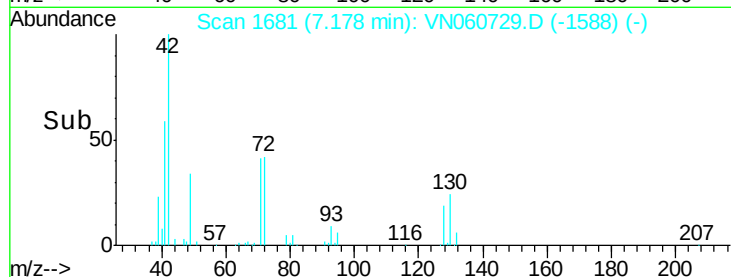
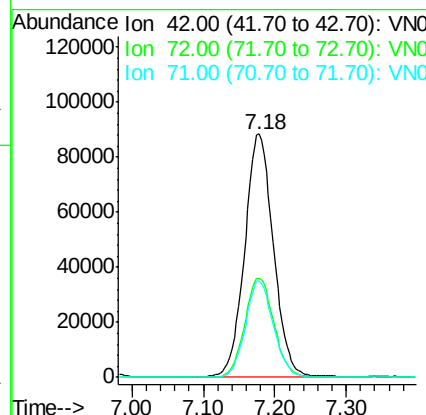
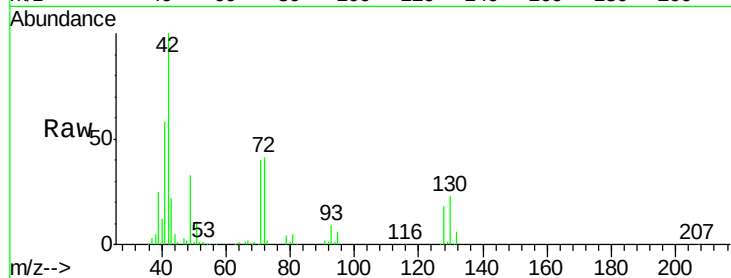
#29
Tetrahydrofuran
Concen: 233.711 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.0	33.2	49.8
71	38.3	31.1	46.7

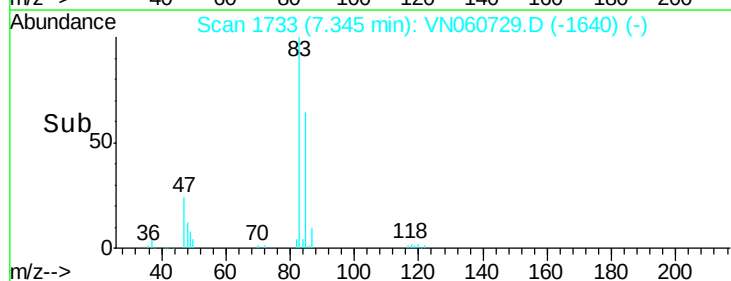
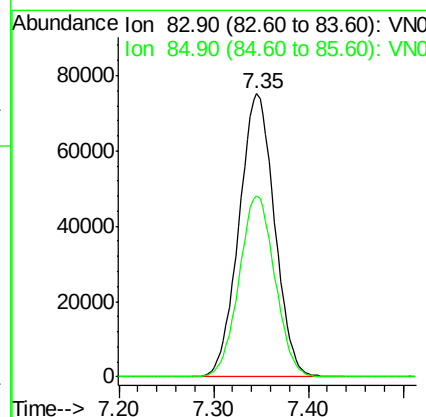
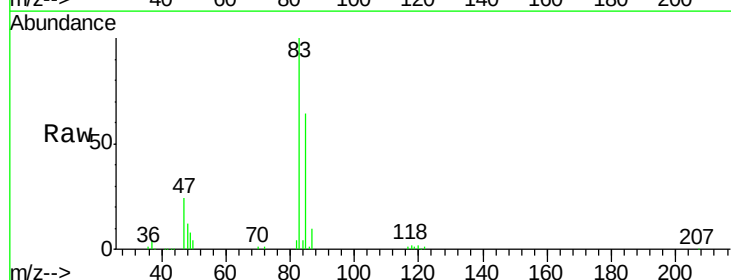
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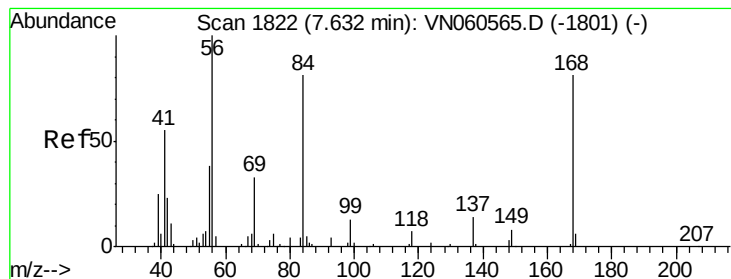
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#30
Chloroform
Concen: 48.684 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.8	77.8





#31

Cyclohexane

Concen: 46.271 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 196097

Ion Ratio Lower Upper

56 100

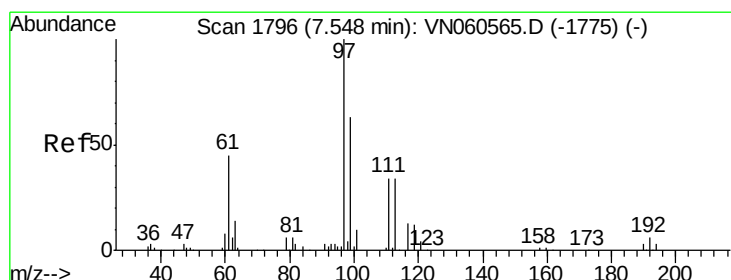
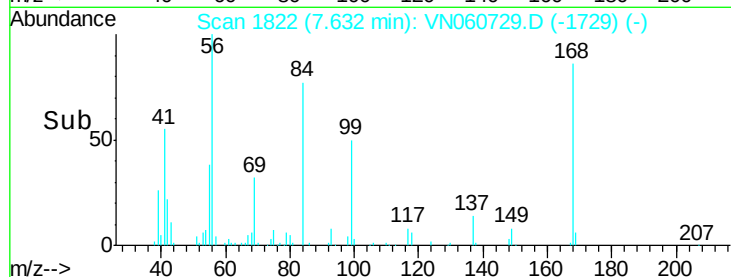
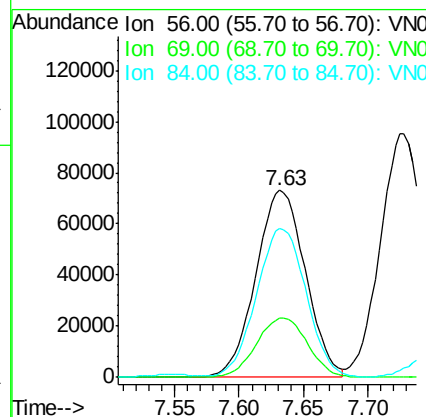
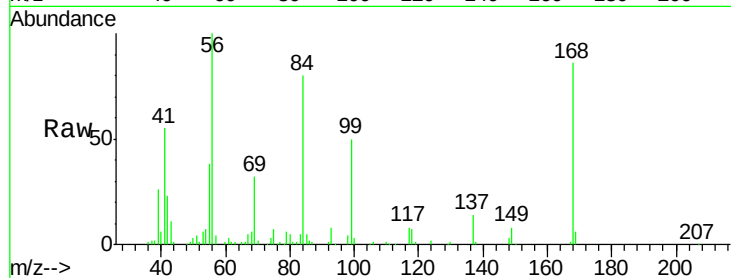
69 31.6 26.6 40.0

84 78.6 64.3 96.5

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#32

1,1,1-Trichloroethane

Concen: 49.222 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

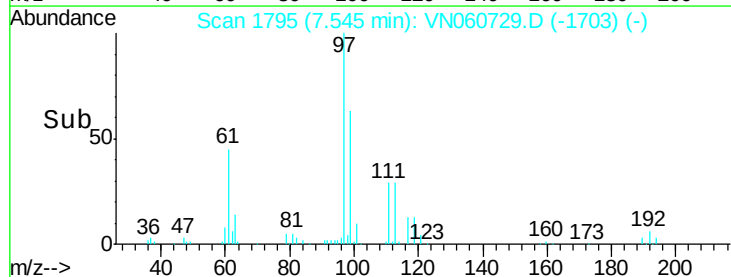
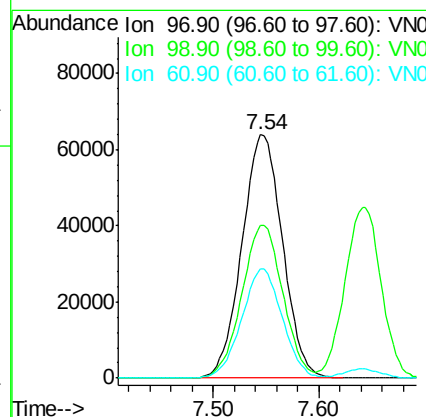
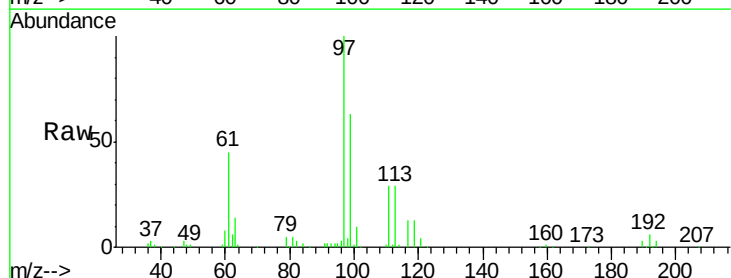
Tgt Ion: 97 Resp: 171002

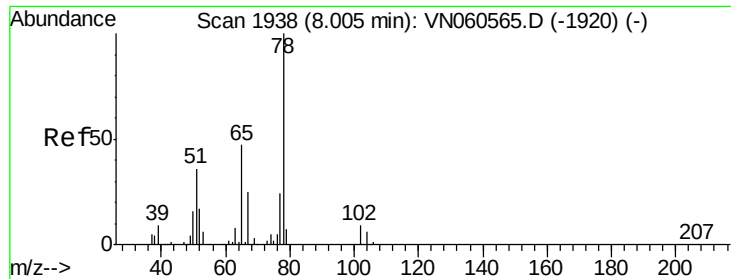
Ion Ratio Lower Upper

97 100

99 63.4 50.6 75.8

61 45.0 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 49.196 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 129447

Ion Ratio Lower Upper

65 100

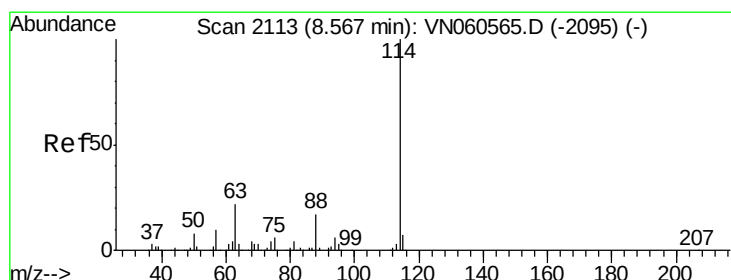
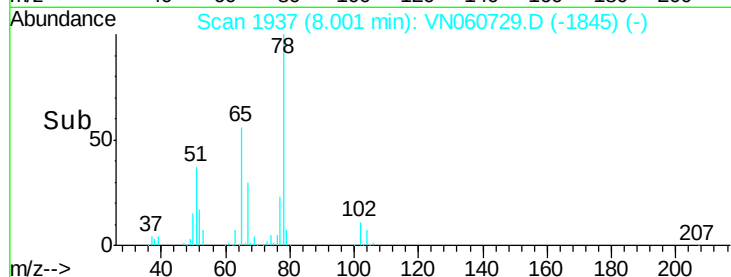
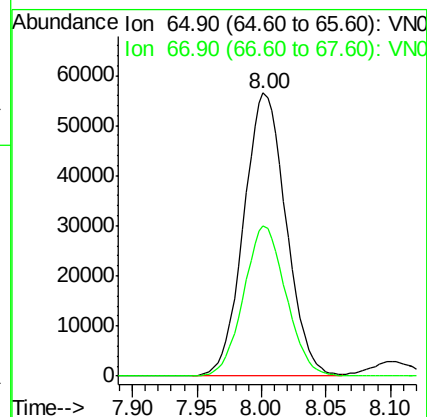
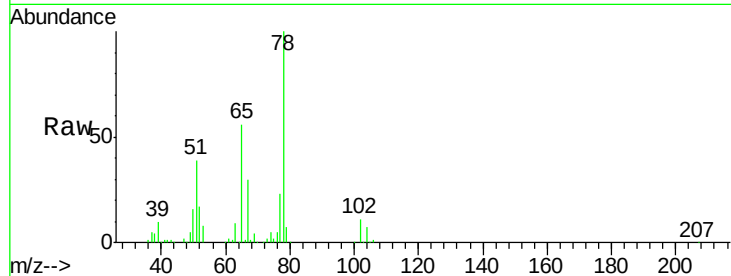
67 53.0 0.0 107.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

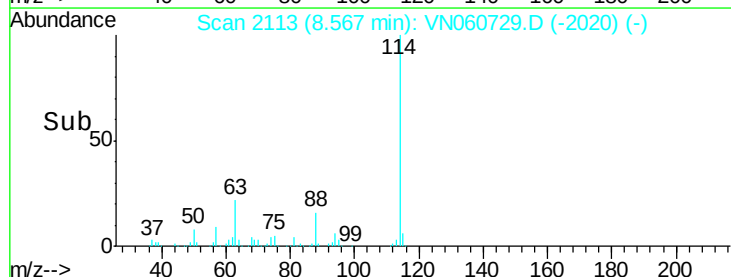
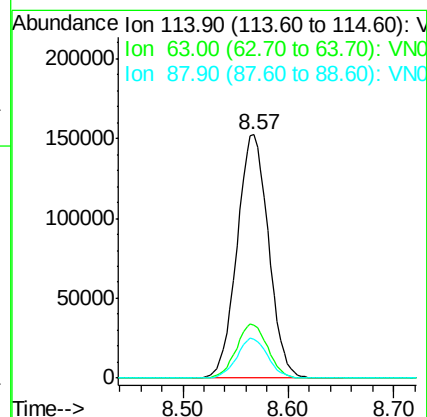
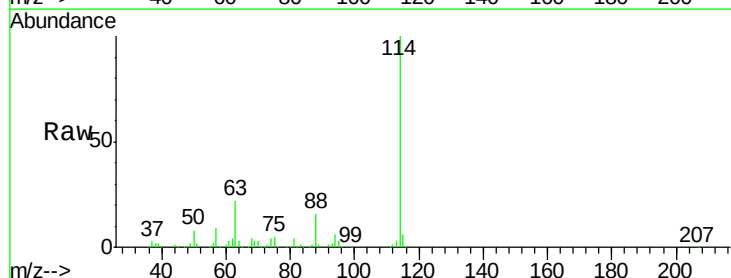
Tgt Ion: 114 Resp: 315601

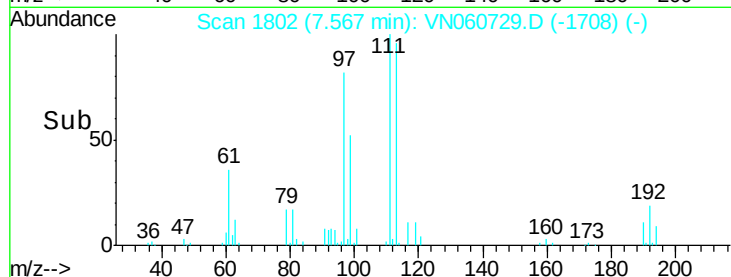
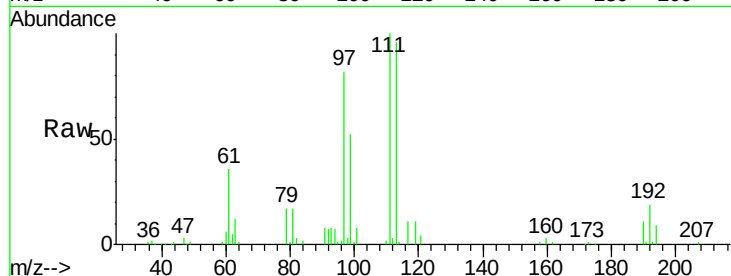
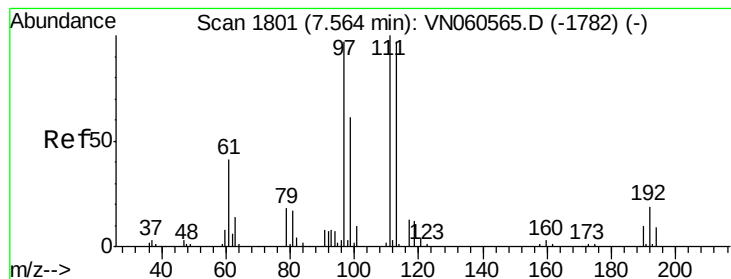
Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.8

88 16.2 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.943 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tot Ion:	113	Resp:	97216
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.9	124.3
192	19.9	15.8	23.8

Instrument :

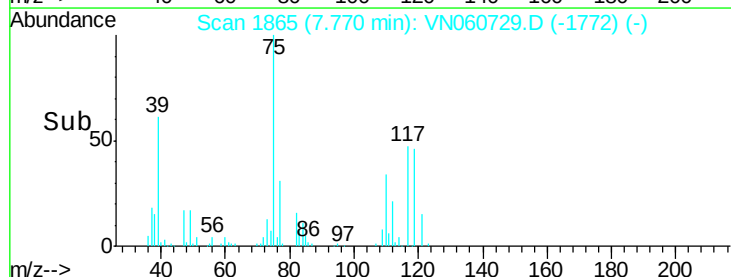
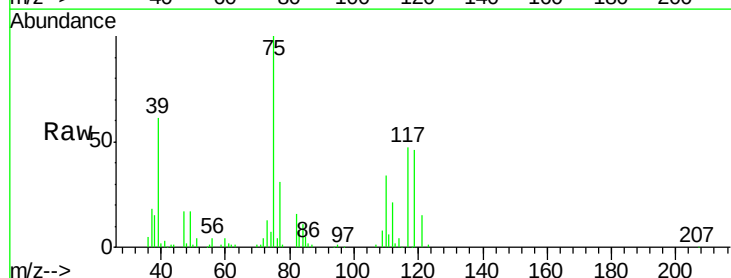
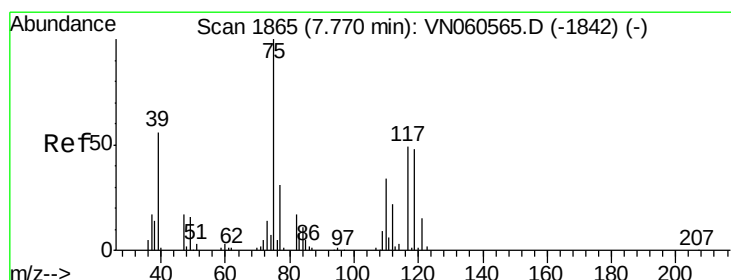
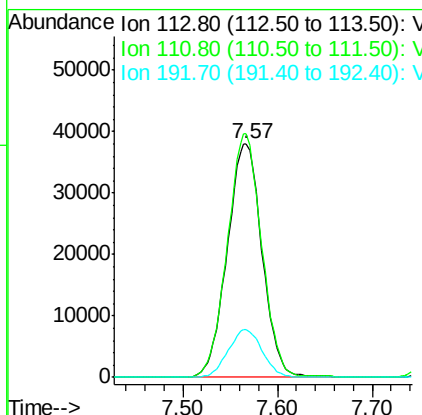
MSVOA_N

ClientSampleId :

VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 50.479 ug/l

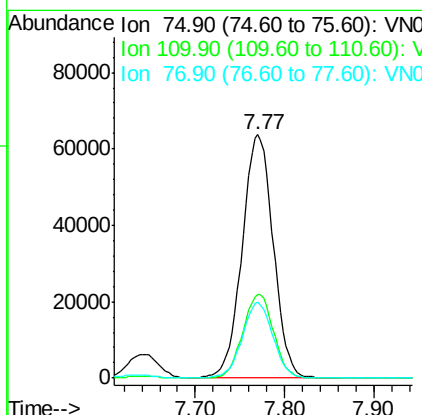
RT: 7.77 min Scan# 1865

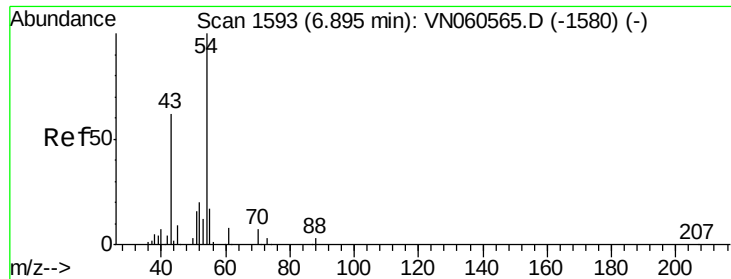
Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion:	75	Resp:	154265
Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	30.6	24.6	36.8





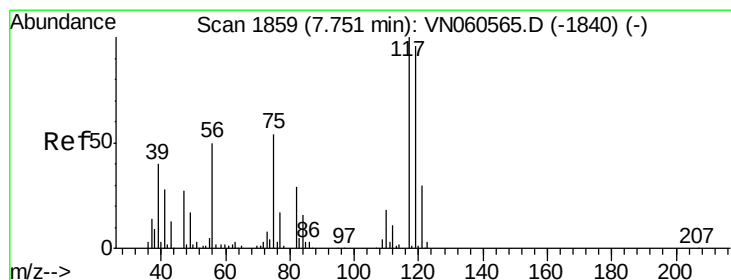
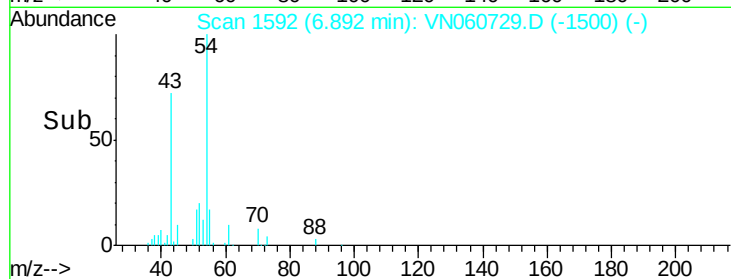
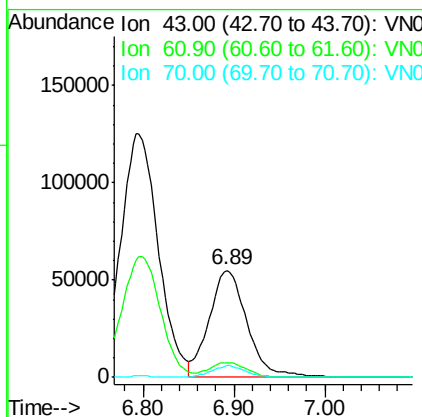
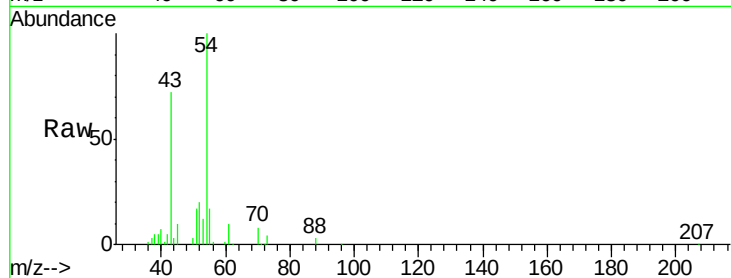
#37
Ethyl Acetate
Concen: 47.369 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.6	15.8
70	10.1	7.9	11.9

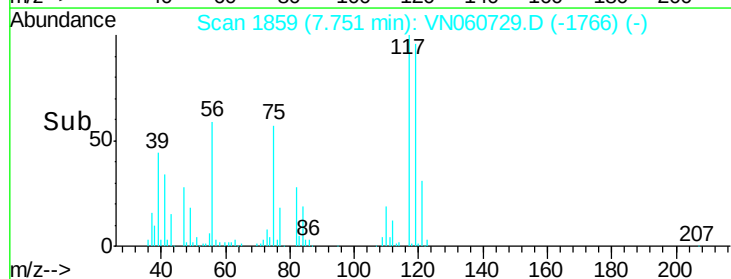
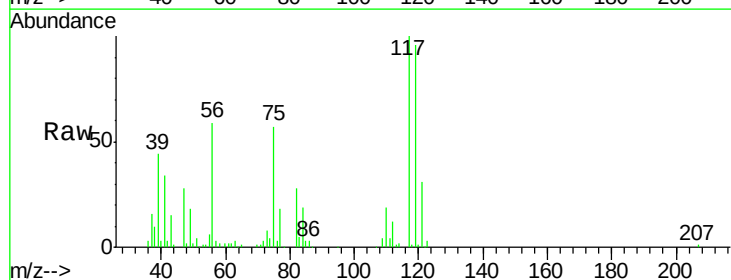
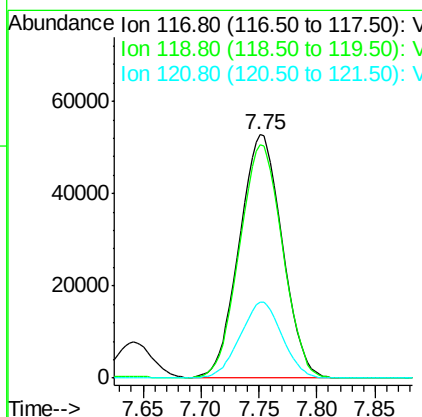
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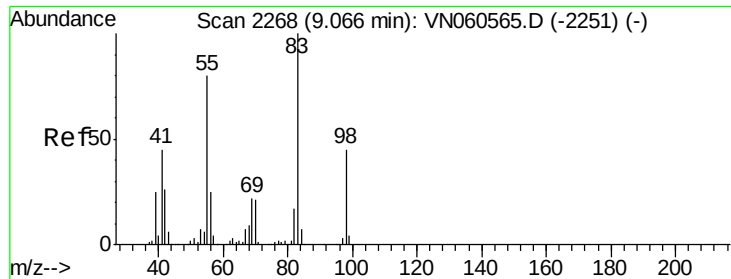
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#38
Carbon Tetrachloride
Concen: 49.739 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.2	114.2
121	31.2	23.7	35.5





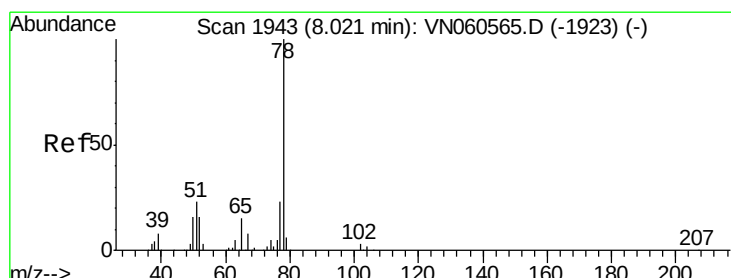
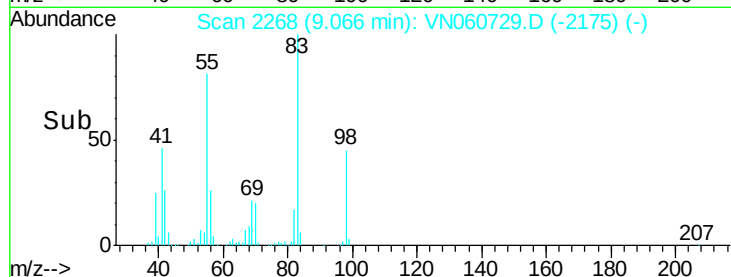
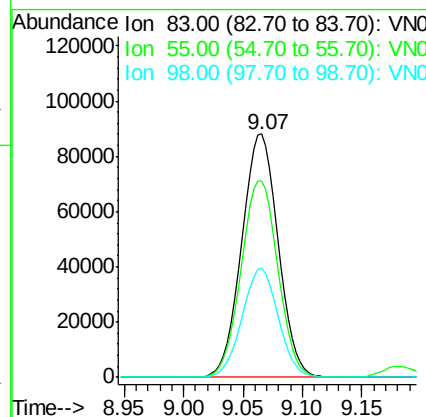
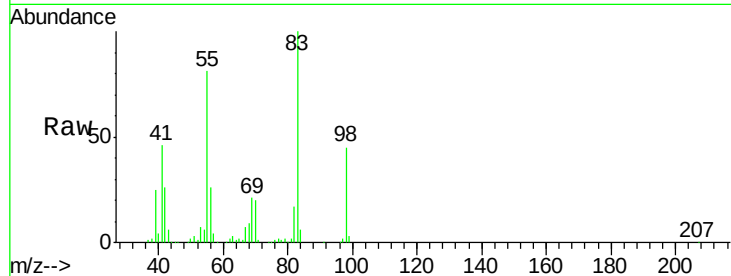
#39
Methylvlcyclohexane
Concen: 51.515 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.7	63.6	95.4
98	44.7	36.0	54.0

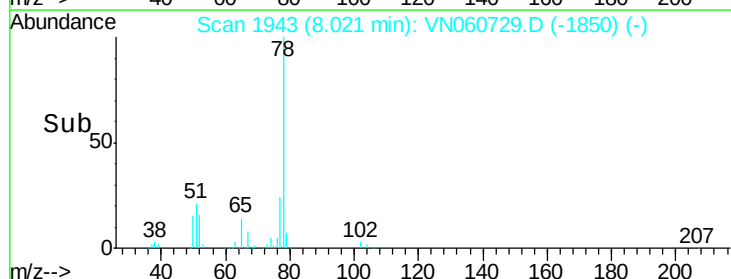
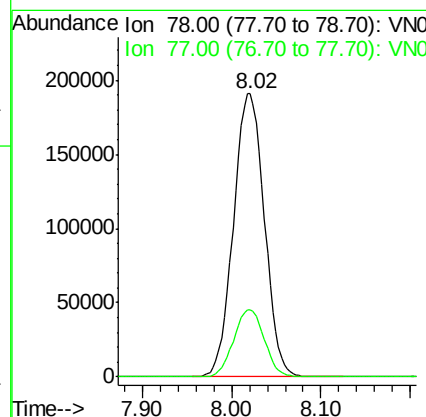
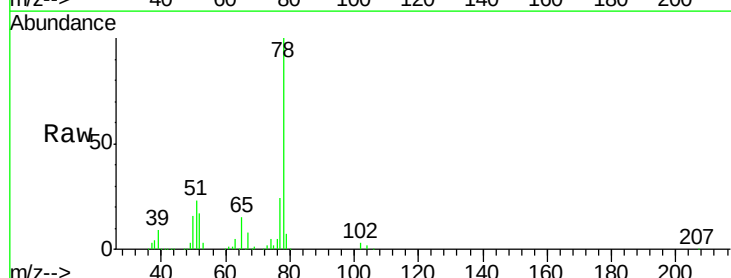
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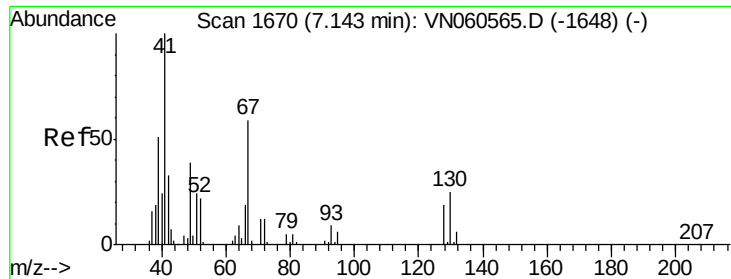
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#40
Benzene
Concen: 49.607 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





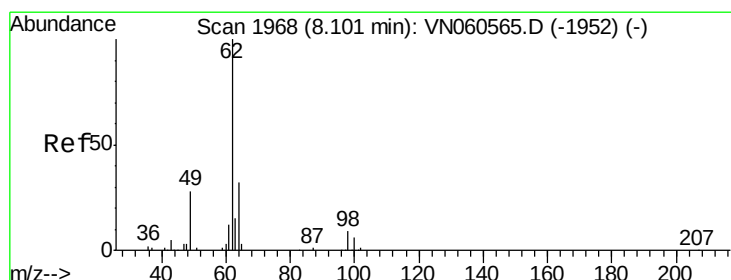
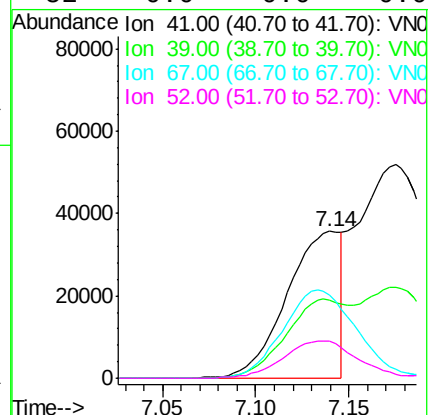
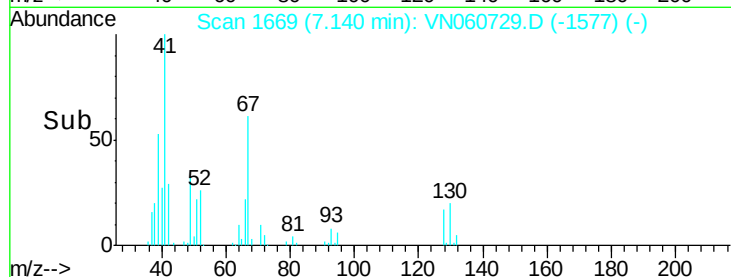
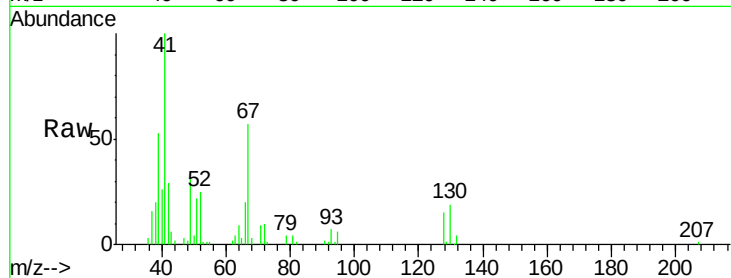
#41
Methacrylonitrile
Concen: 51.618 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot 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

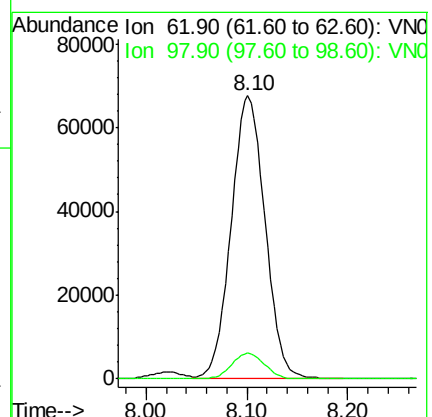
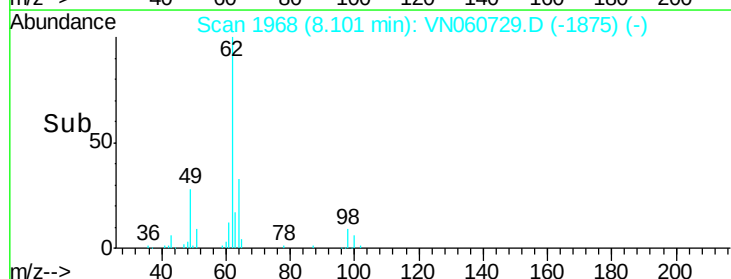
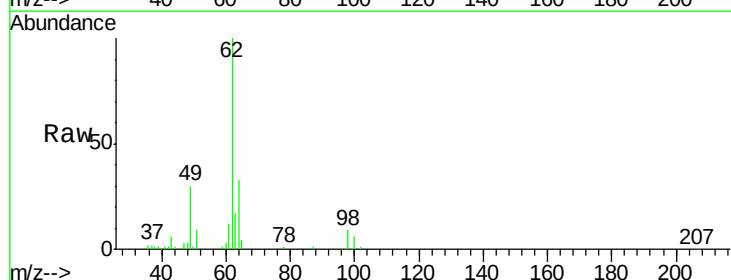
Manual Integrations
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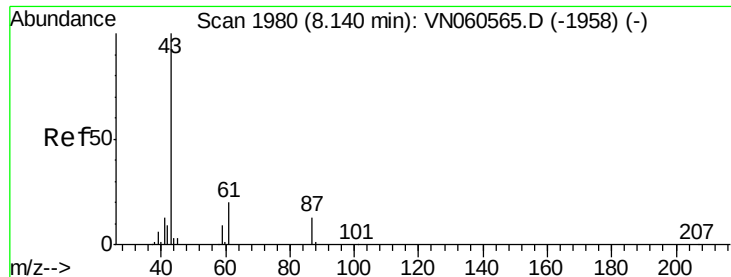
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#42
1,2-Dichloroethane
Concen: 50.132 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.8





#43

Isopropyl Acetate

Concen: 49.754 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

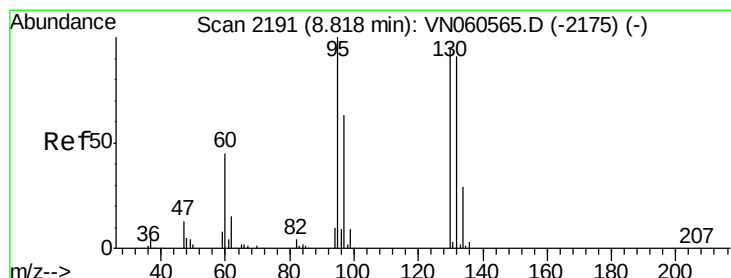
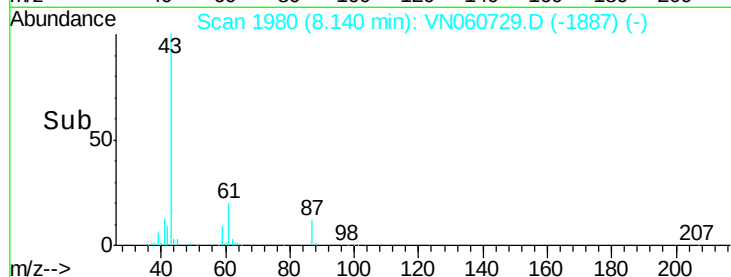
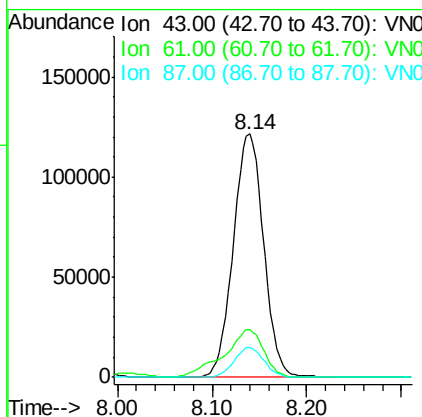
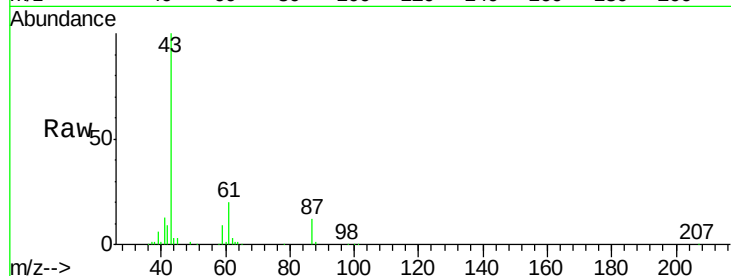
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	270949
Ion	Ratio	Lower	Upper
43	100		
61	25.7	20.7	31.1
87	12.0	9.8	14.8

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#44

Trichloroethene

Concen: 49.719 ug/l

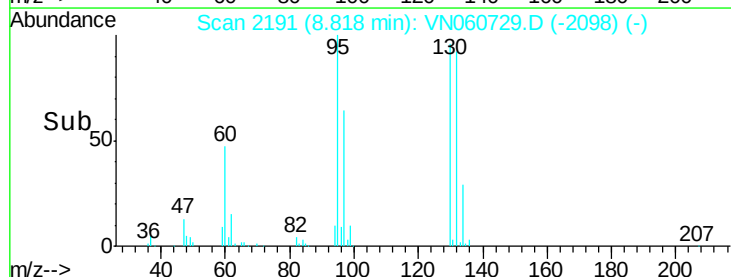
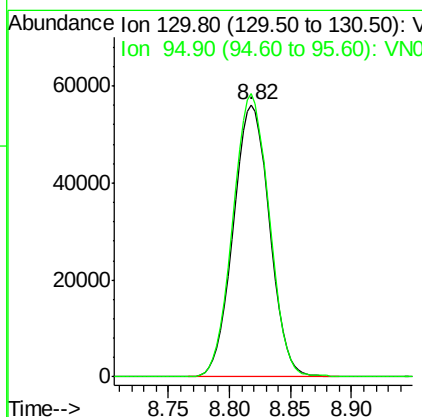
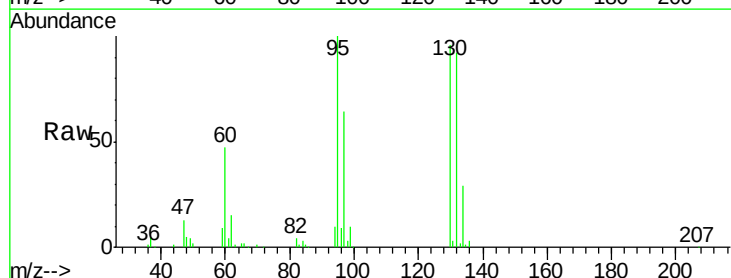
RT: 8.82 min Scan# 2191

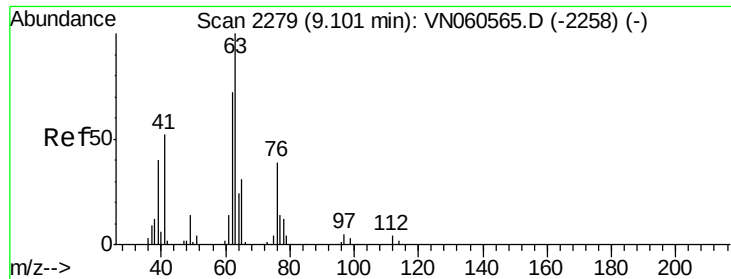
Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion:	130	Resp:	115627
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	211.2





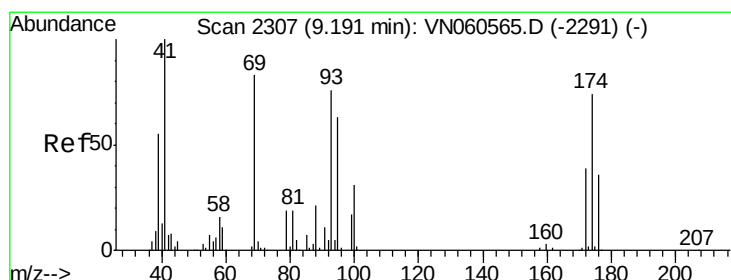
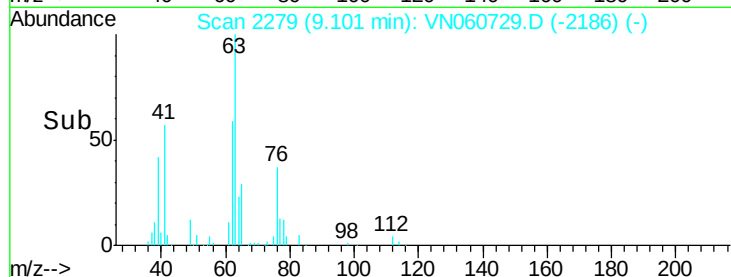
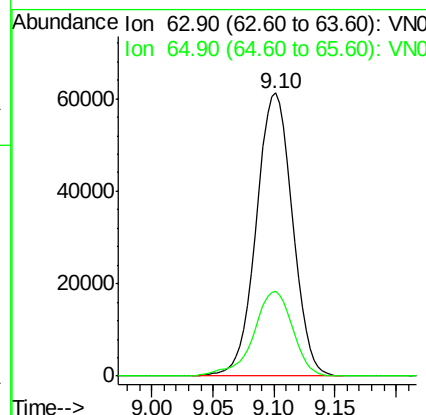
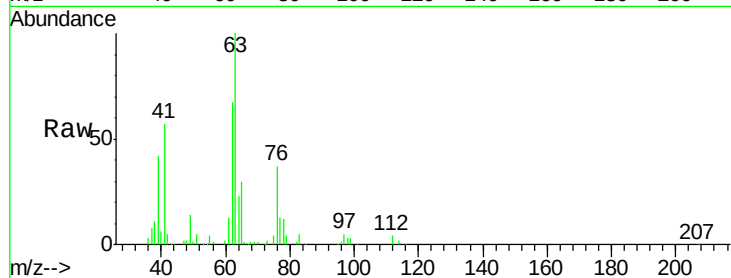
#45
 1,2-Dichloropropane
 Concen: 51.630 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 125681
 Ion Ratio Lower Upper
 63 100
 65 30.0 25.4 38.0

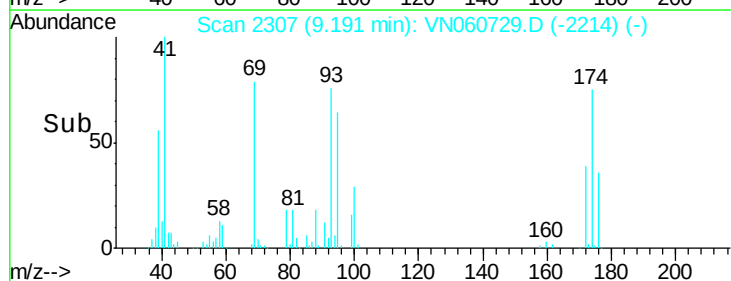
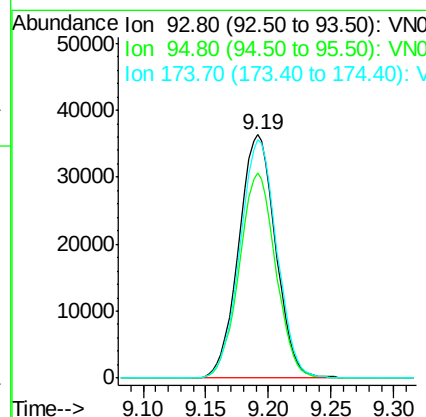
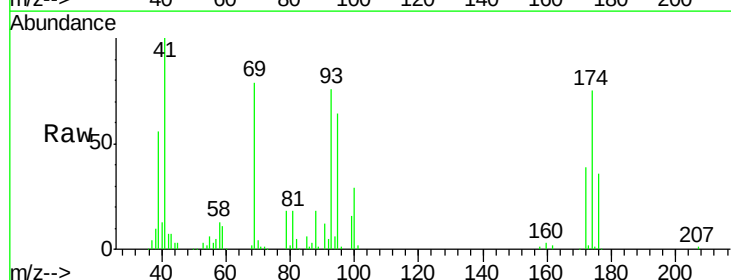
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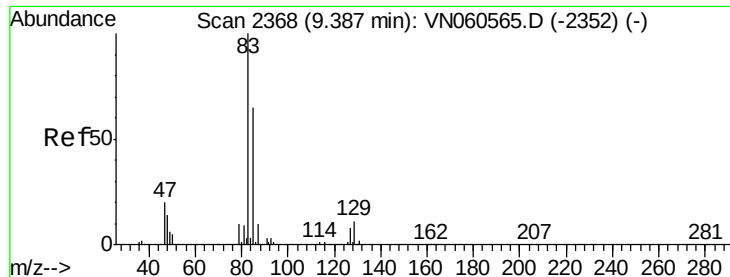
apatel
 3/27/2020 10:11:46 AM



#46
 Dibromomethane
 Concen: 50.515 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 93 Resp: 74341
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.2 99.4
 174 97.7 77.9 116.9





#47

Bromodichloromethane

Concen: 50.841 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

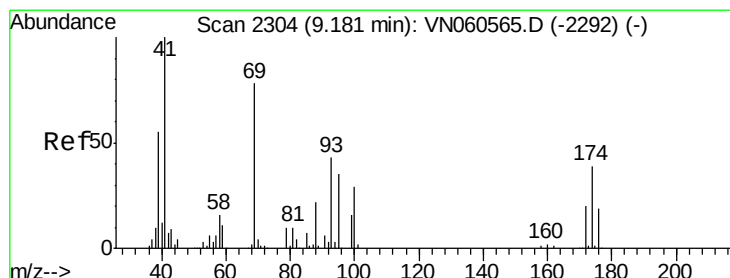
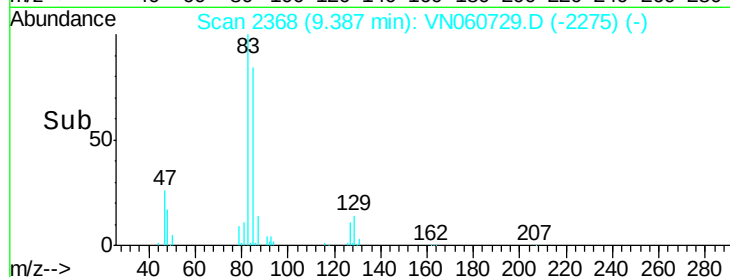
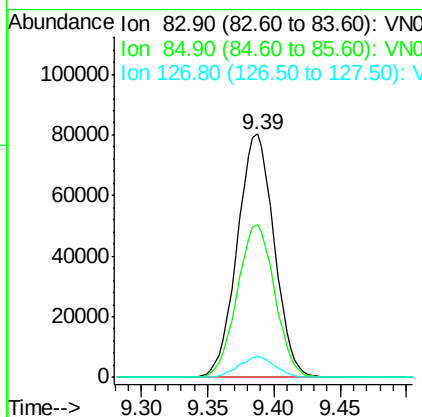
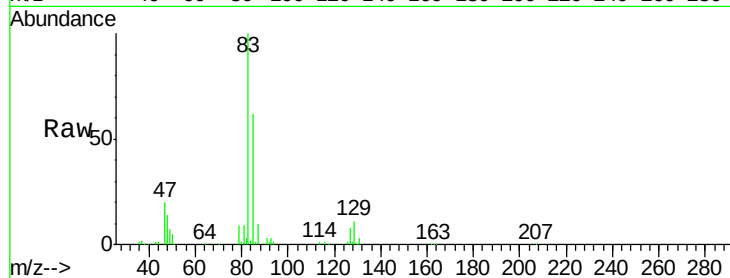
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	155478
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.8	77.6
127	8.3	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 49.492 ug/l

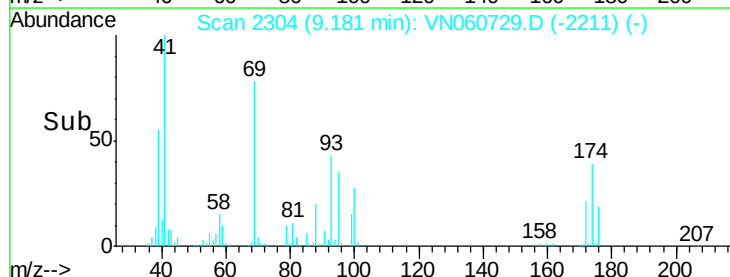
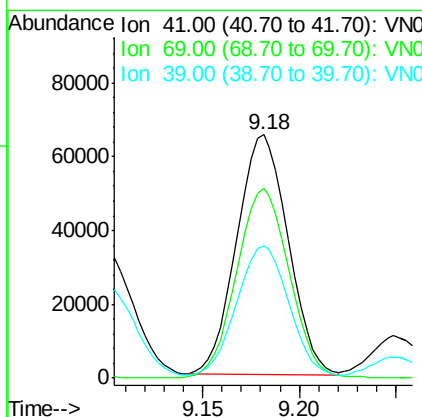
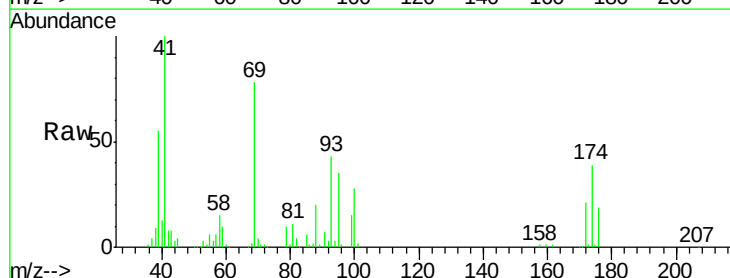
RT: 9.18 min Scan# 2304

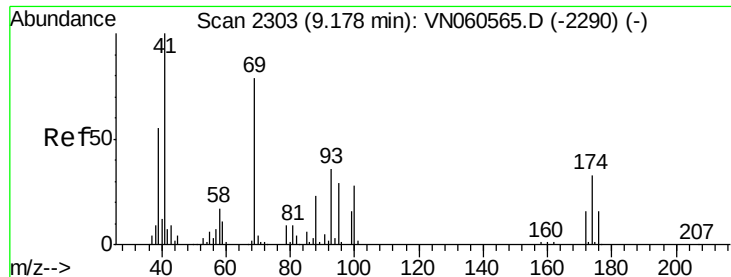
Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion:	41	Resp:	119999
Ion	Ratio	Lower	Upper
41	100		
69	81.5	65.4	98.0
39	57.0	44.0	66.0





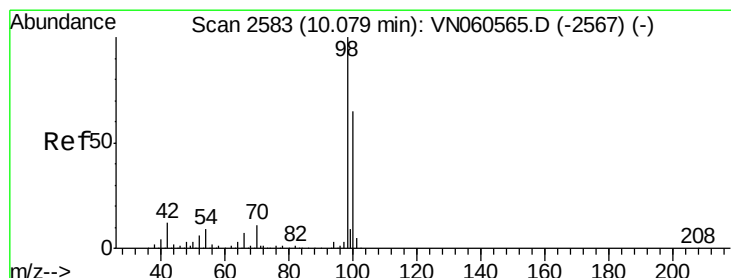
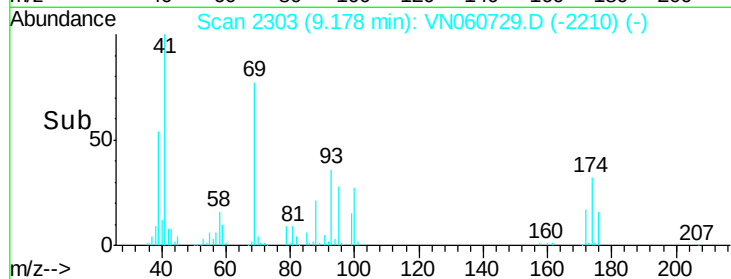
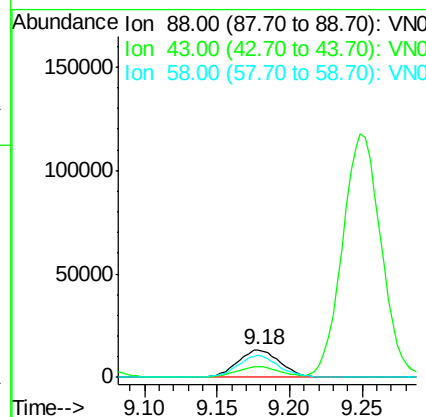
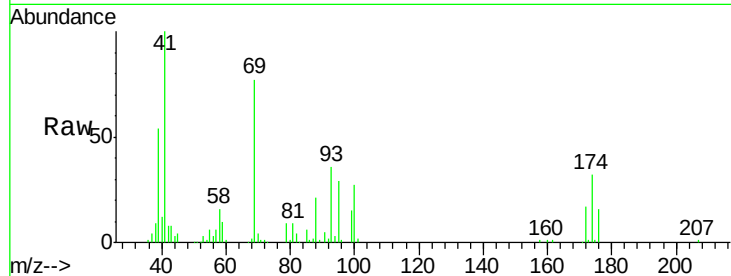
#49
1,4-Dioxane
Concen: 936.735 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.2	30.8	46.2
58	76.5	59.8	89.8

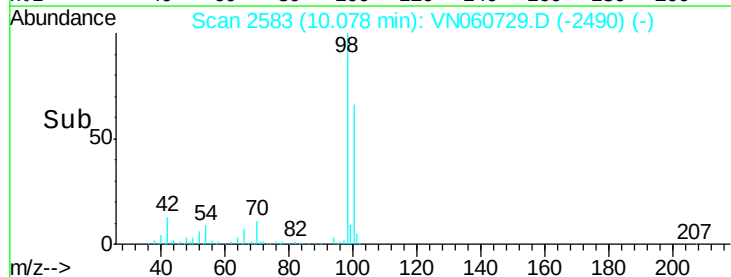
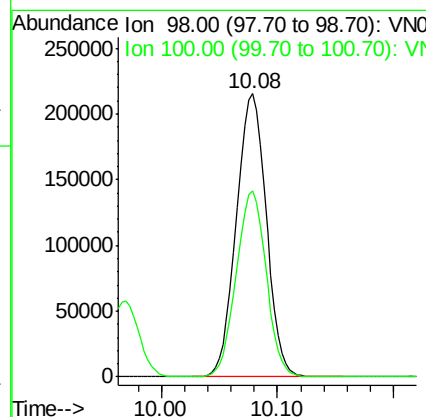
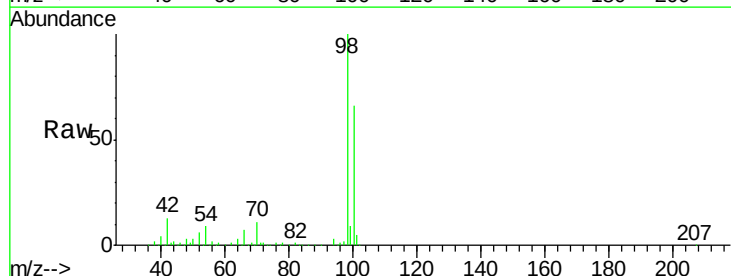
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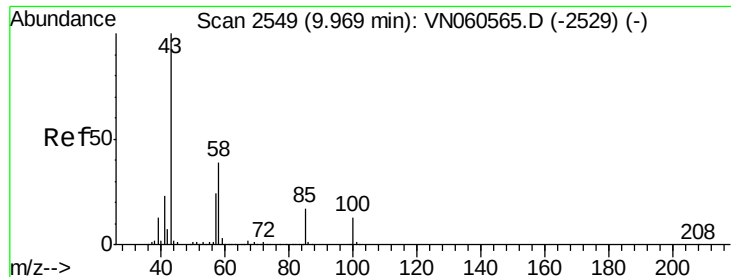
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#50
Toluene-d8
Concen: 49.401 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.8	77.8





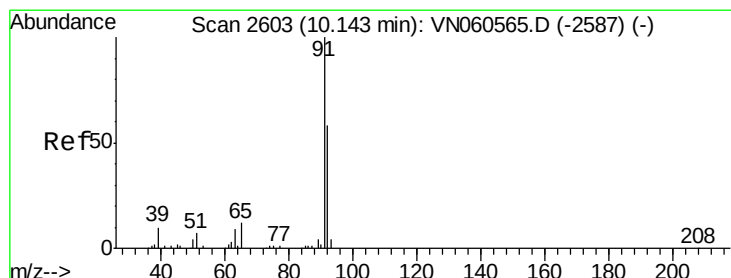
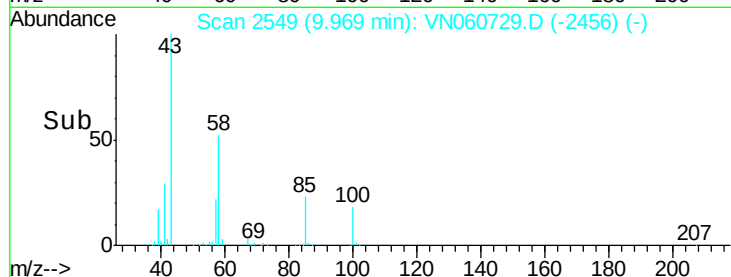
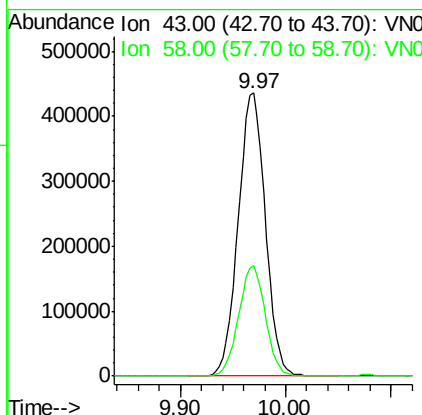
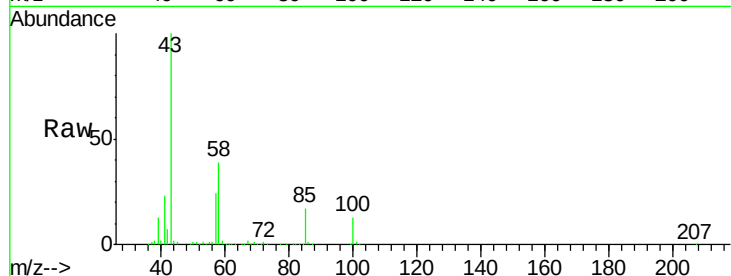
#51
4-Methyl-2-Pentanone
Concen: 250.552 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 43 Resp: 776429
Ion Ratio Lower Upper
43 100
58 38.4 30.8 46.2

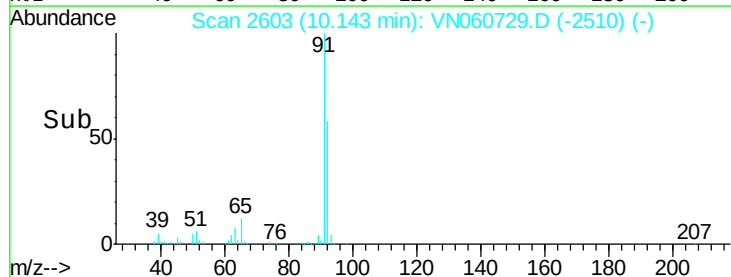
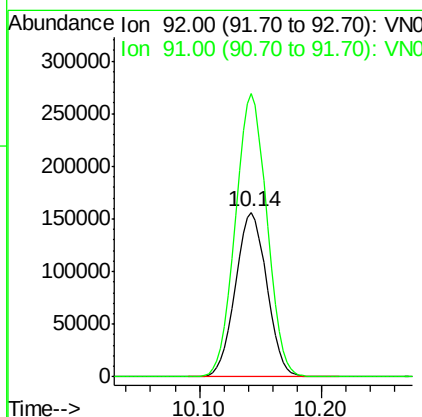
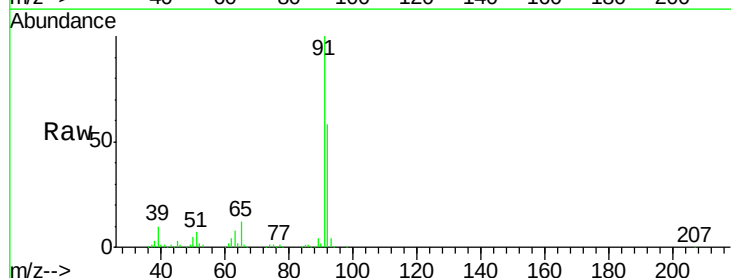
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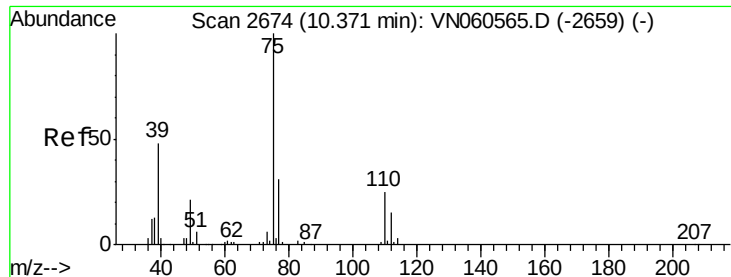
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#52
Toluene
Concen: 50.062 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 92 Resp: 278917
Ion Ratio Lower Upper
92 100
91 172.2 137.6 206.4





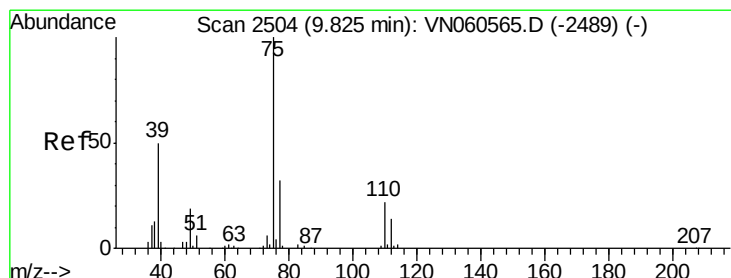
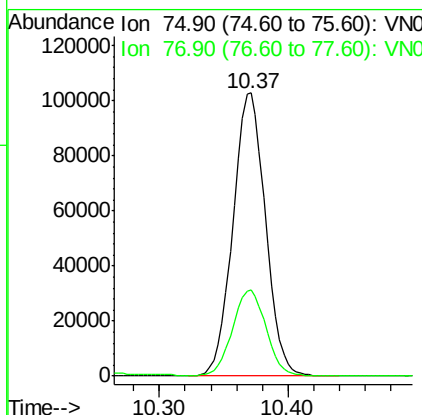
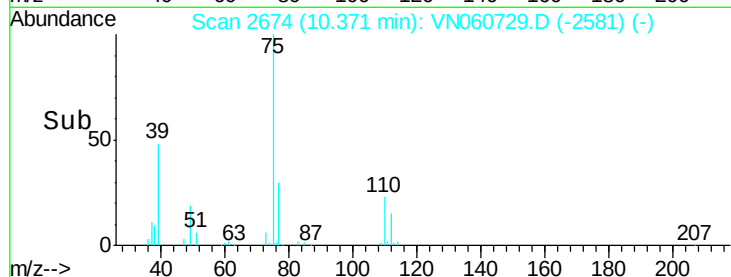
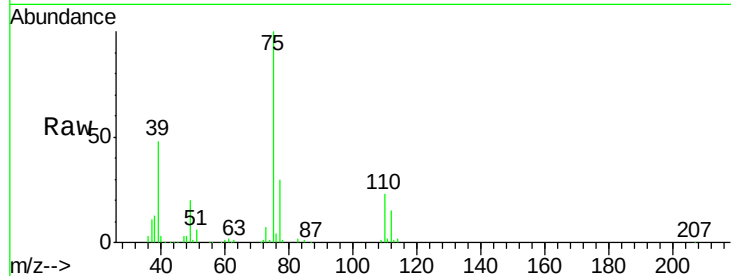
#53
t-1,3-Dichloropropene
Concen: 51.212 ug/l
RT: 10.37 min Scan# 2674
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion: 75 Resp: 179896
Ion Ratio Lower Upper
75 100
77 30.3 25.1 37.7

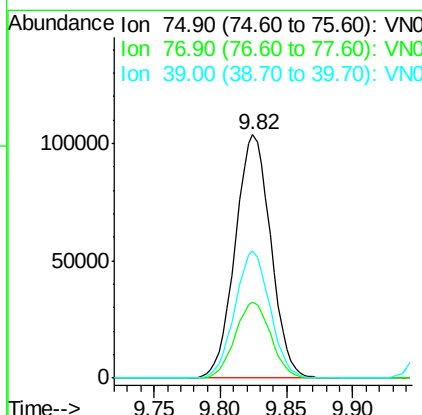
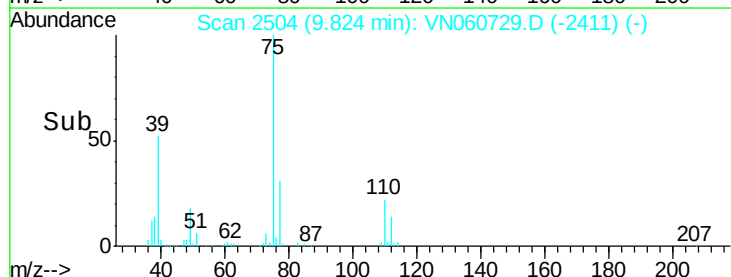
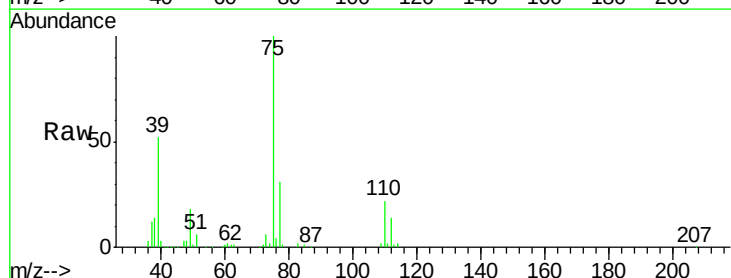
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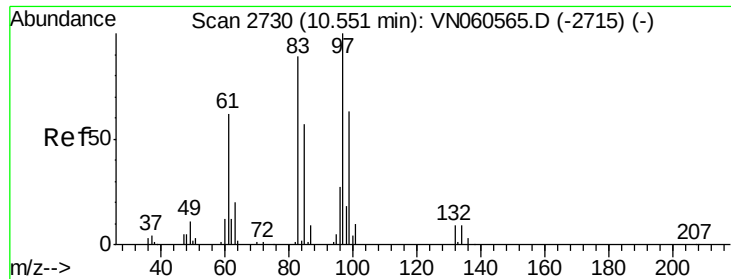
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#54
cis-1,3-Dichloropropene
Concen: 50.129 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 75 Resp: 193184
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0
39 52.0 40.2 60.4





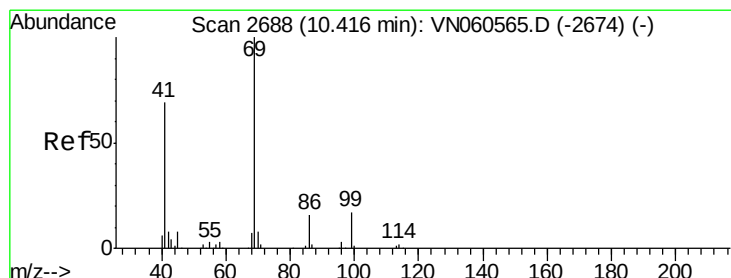
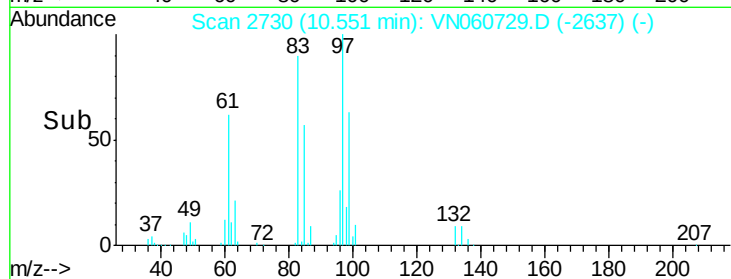
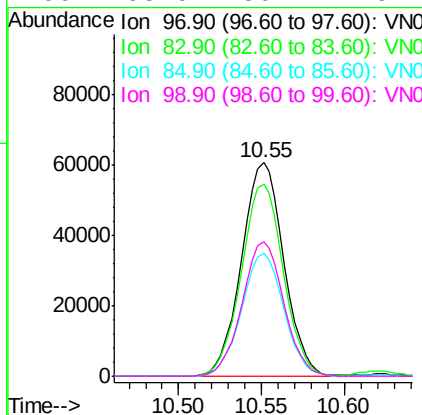
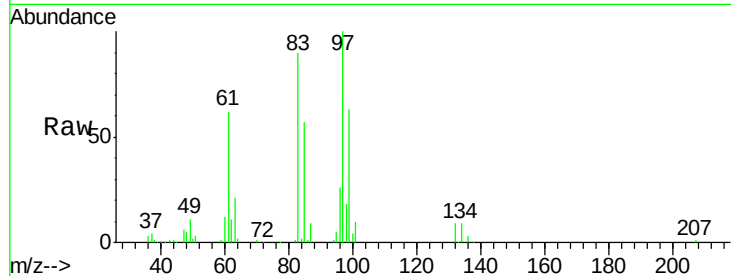
#55
 1,1,2-Trichloroethane
 Concen: 50.272 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		107753		
83	89.9	71.3	106.9		
85	57.3	45.2	67.8		
99	63.0	50.1	75.1		

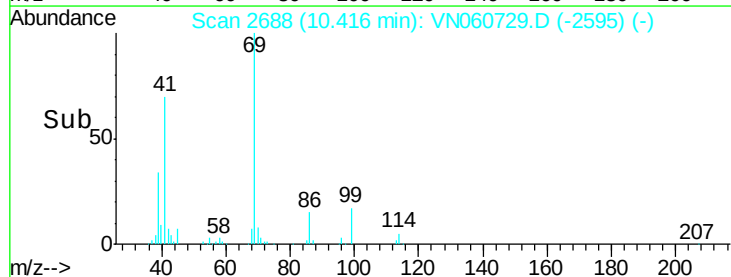
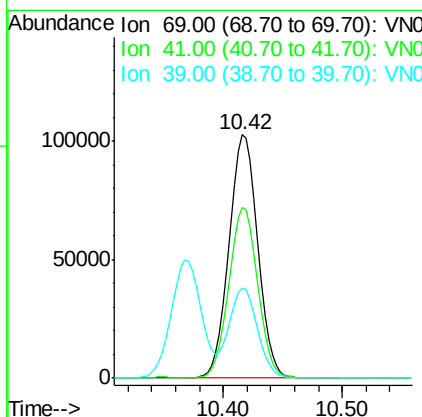
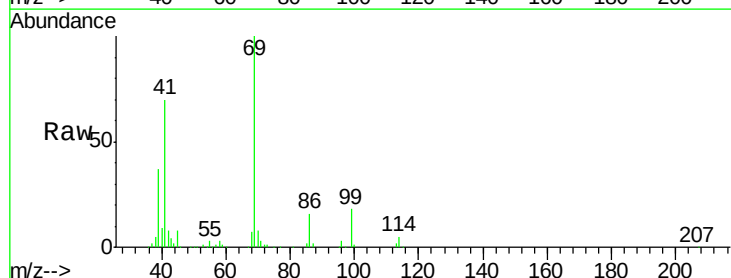
Manual Integrations
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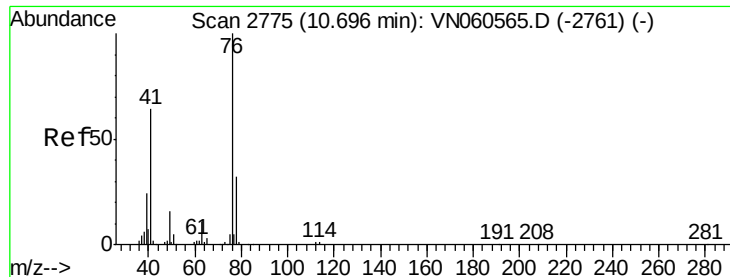
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#56
 Ethyl methacrylate
 Concen: 51.501 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		172122		
41	70.0	55.4	83.2		
39	36.6	29.4	44.0		





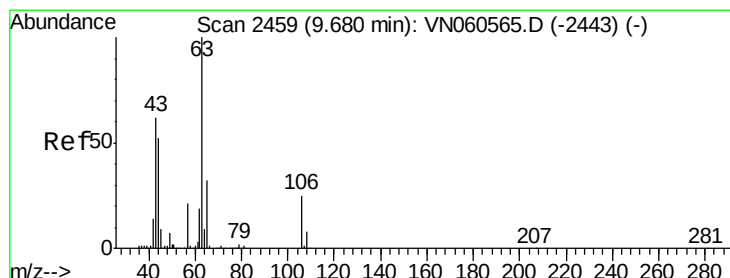
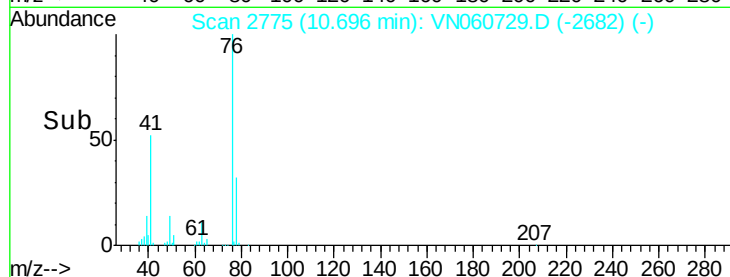
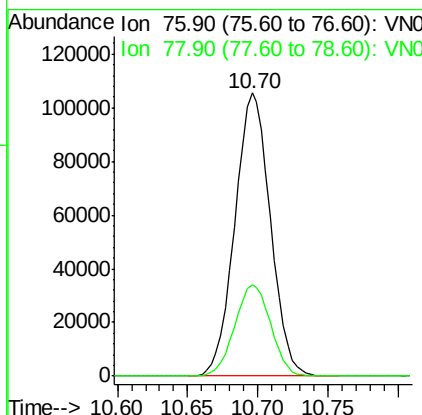
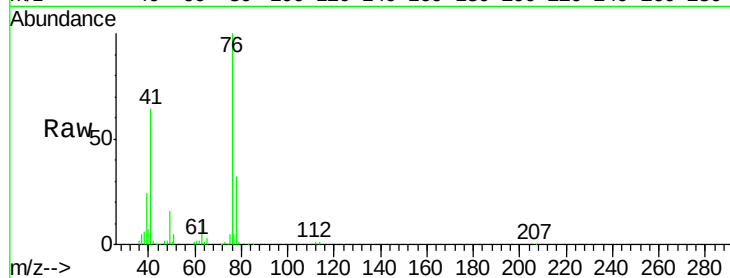
#57
 1,3-Dichloropropane
 Concen: 50.072 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 186243
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6

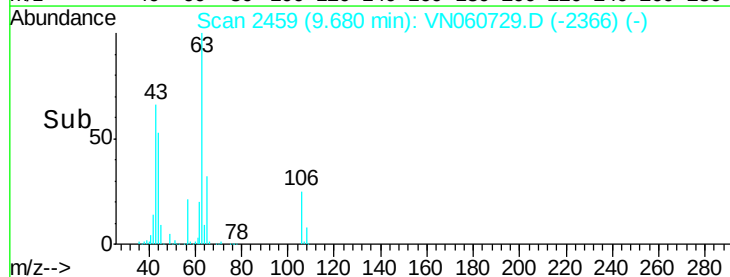
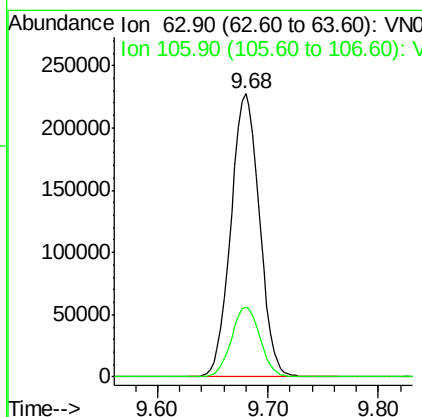
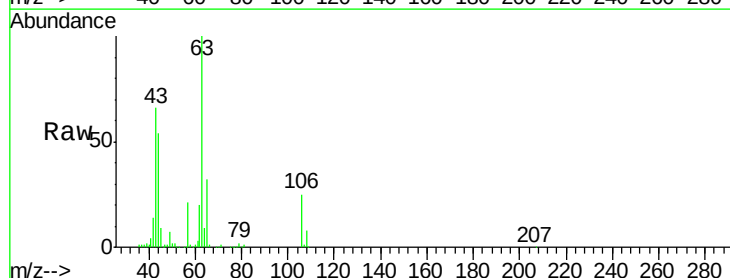
Manual Integrations
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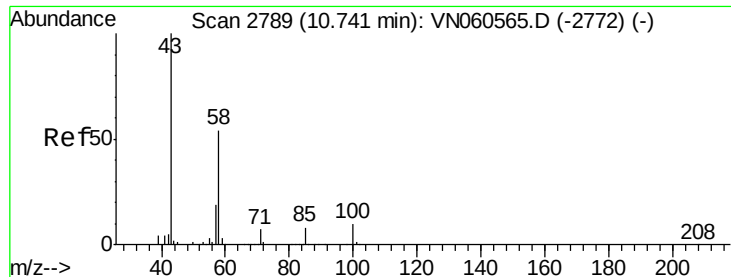
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#58
 2-Chloroethyl Vinyl ether
 Concen: 245.873 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion: 63 Resp: 408409
 Ion Ratio Lower Upper
 63 100
 106 24.8 20.0 30.0





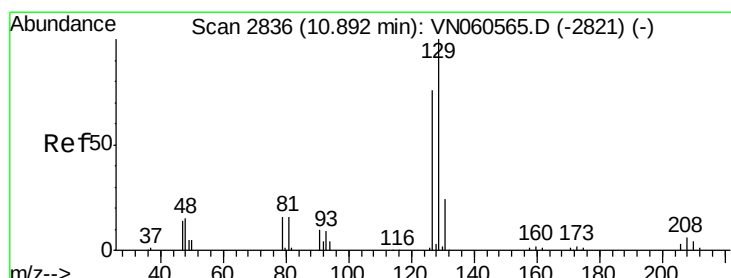
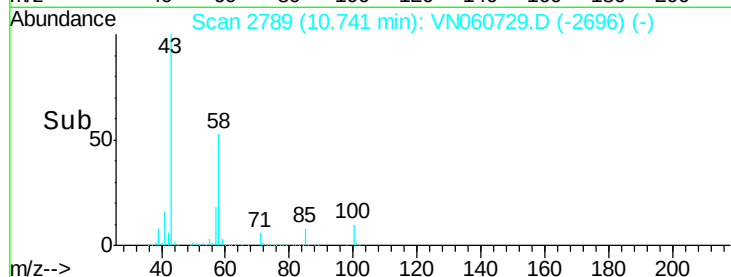
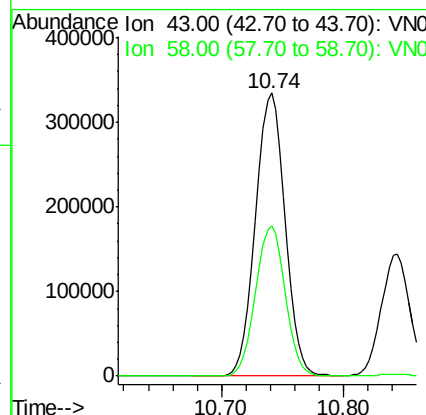
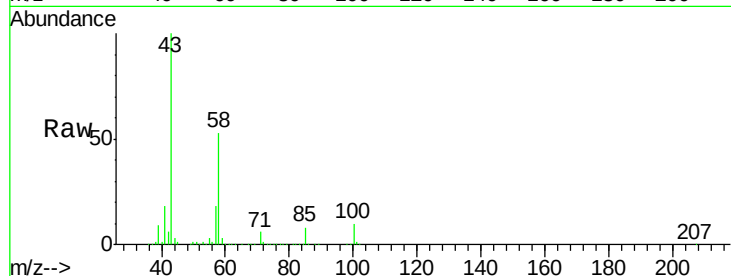
#59
2-Hexanone
Concen: 249.517 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 556991
Ion Ratio Lower Upper
43 100
58 53.2 26.7 80.1

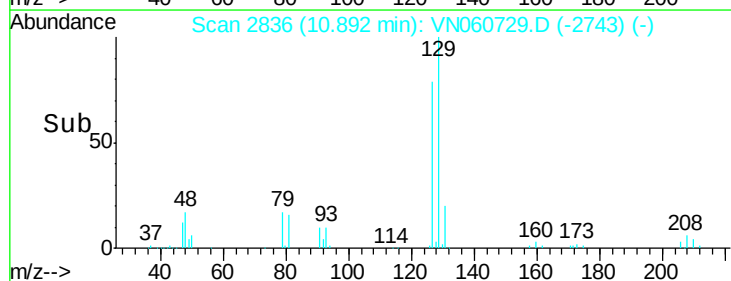
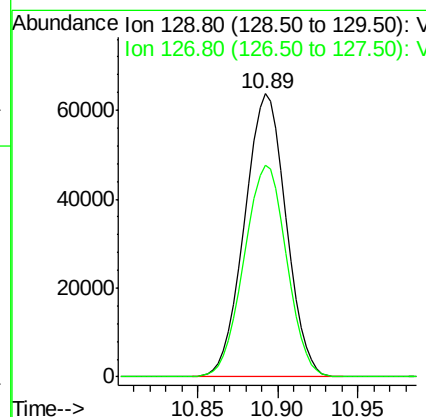
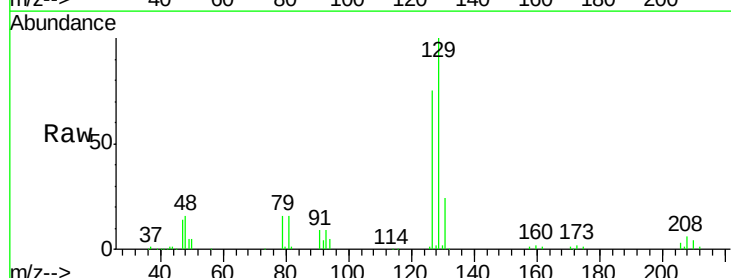
Manual Integrations
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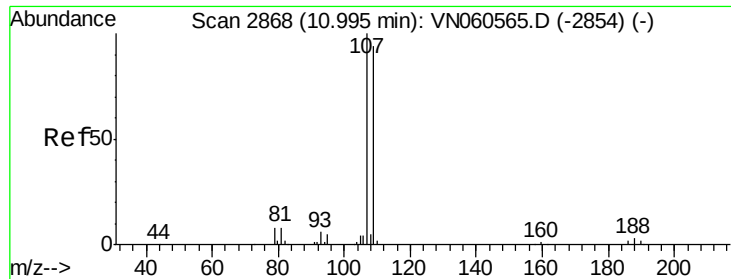
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#60
Dibromochloromethane
Concen: 50.989 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion: 129 Resp: 112893
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





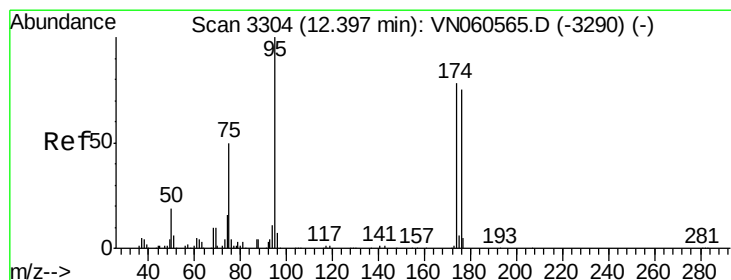
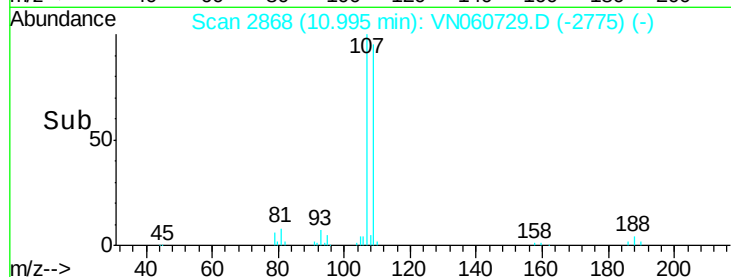
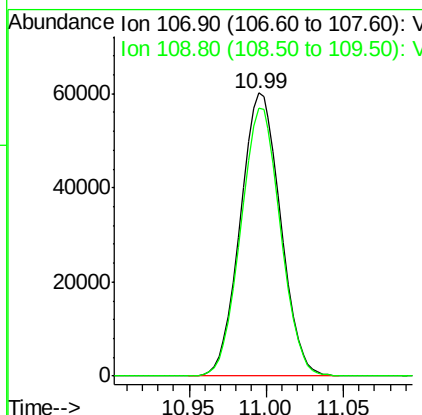
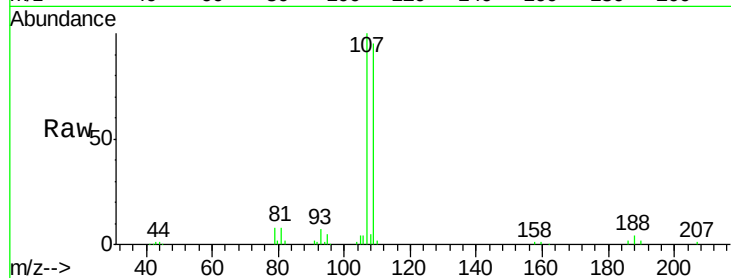
#61
 1,2-Dibromoethane
 Concen: 50.381 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	108587		
109	93.7	75.4	113.2	

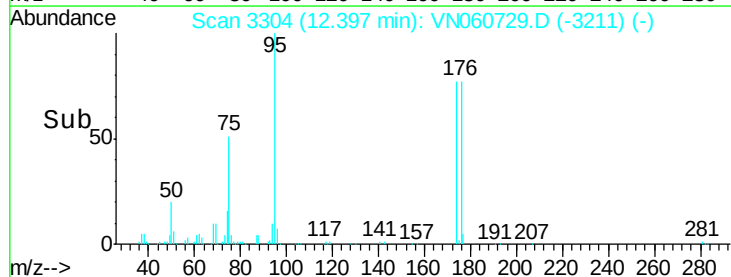
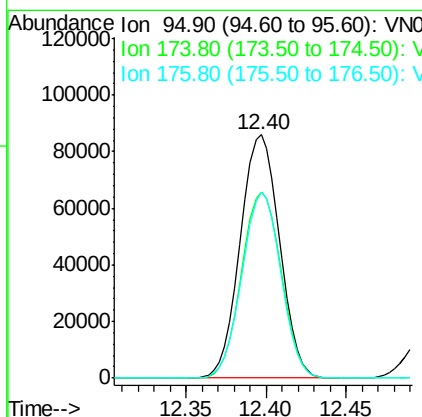
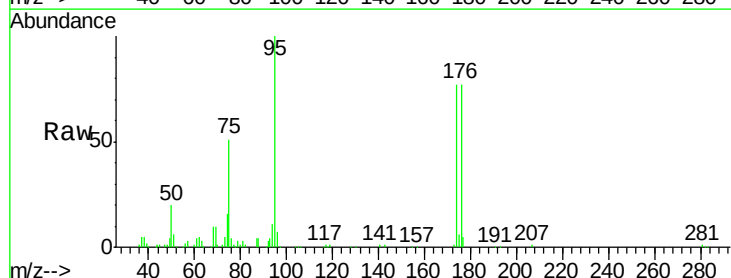
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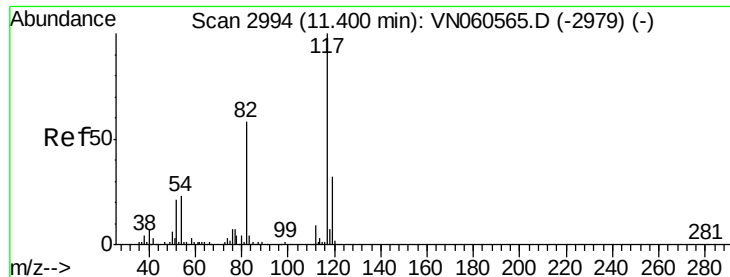
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#62
 4-Bromofluorobenzene
 Concen: 50.345 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	143820		
174	77.4	0.0	157.6	
176	75.8	0.0	150.6	





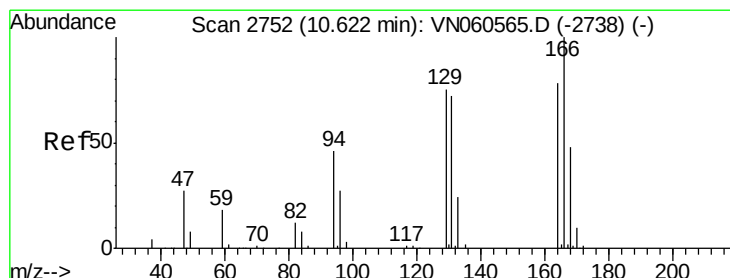
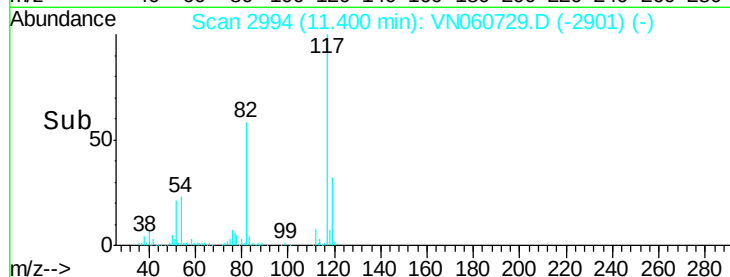
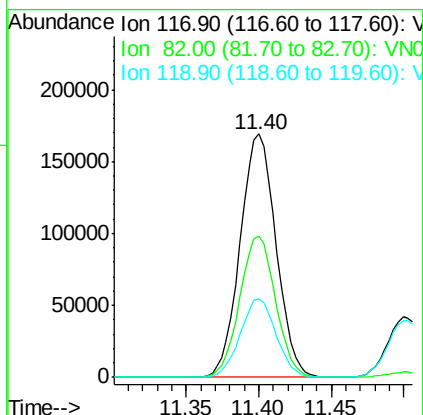
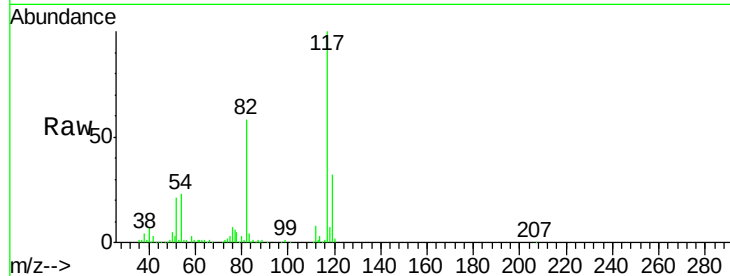
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	46.7	70.1
119	32.4	25.5	38.3

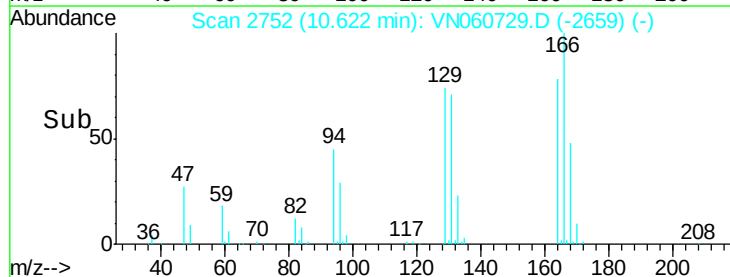
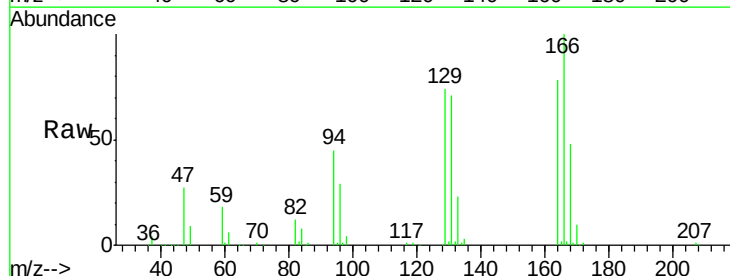
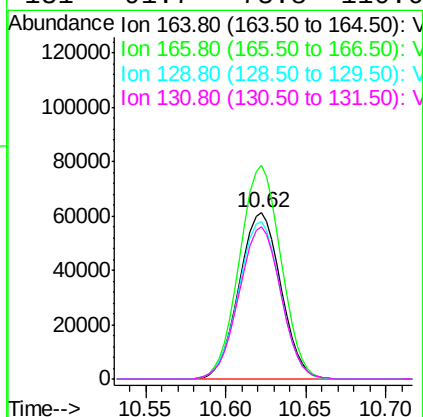
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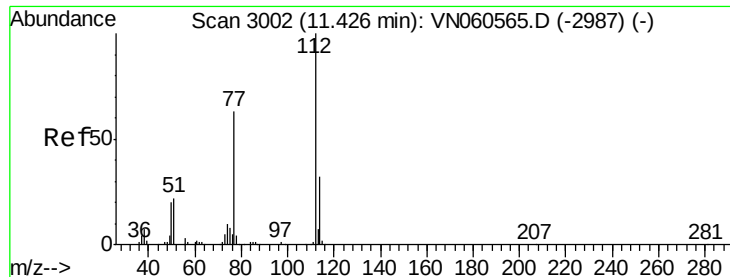
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#64
Tetrachloroethene
Concen: 47.648 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	102.7	154.1
129	95.2	77.2	115.8
131	91.7	73.8	110.6





#65

Chlorobenzene

Concen: 48.951 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion:112 Resp: 282785

Ion Ratio Lower Upper

112 100

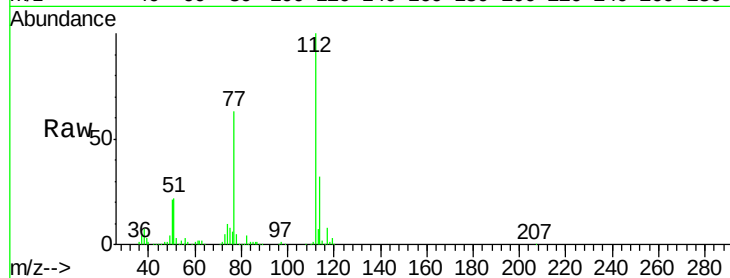
114 32.4 25.8 38.6

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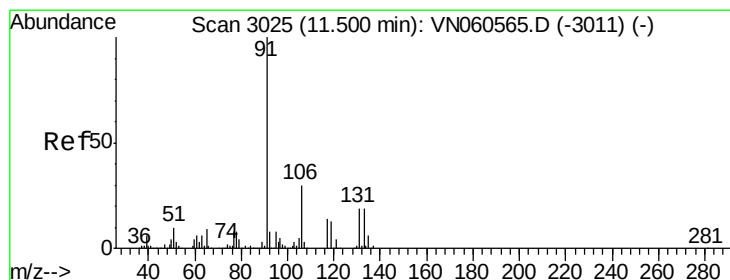
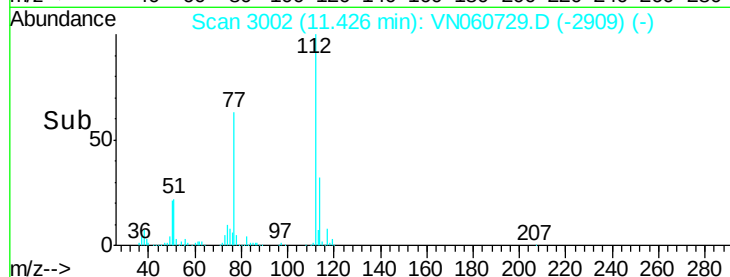
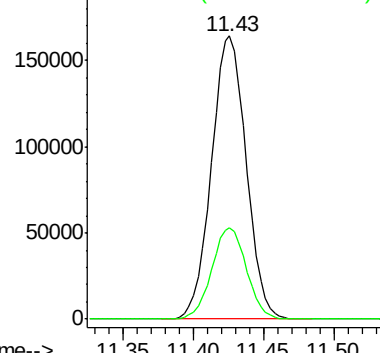
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.828 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

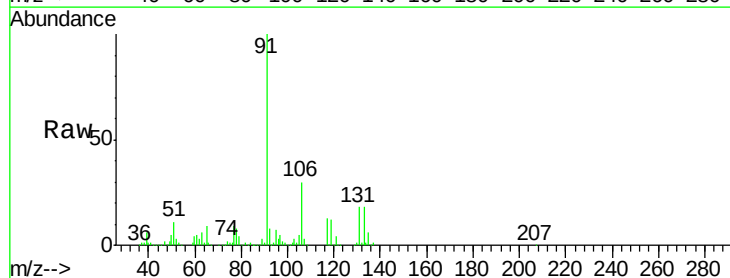
Tgt Ion:131 Resp: 104221

Ion Ratio Lower Upper

131 100

133 96.1 48.9 146.8

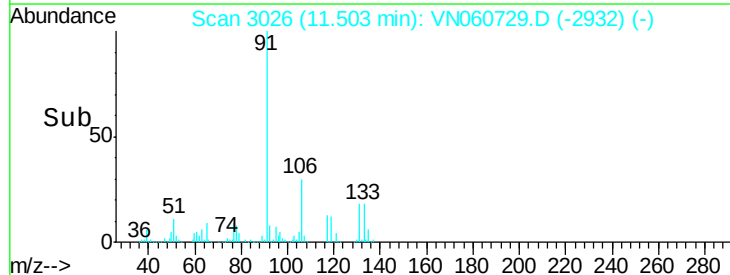
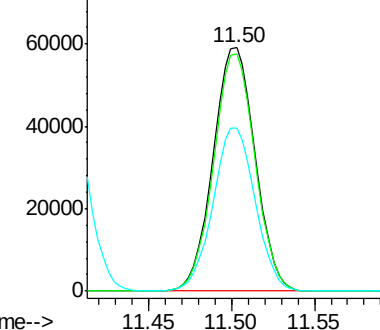
119 66.9 33.9 101.7

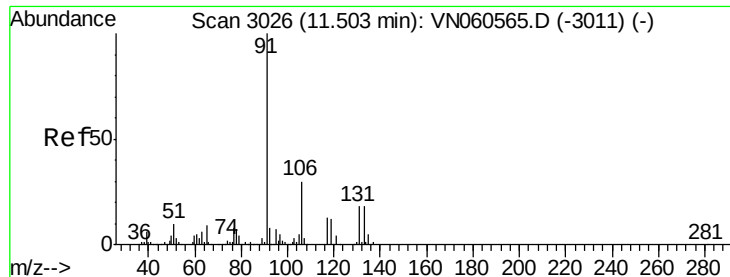


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.135 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 538599

Ion Ratio Lower Upper

91 100

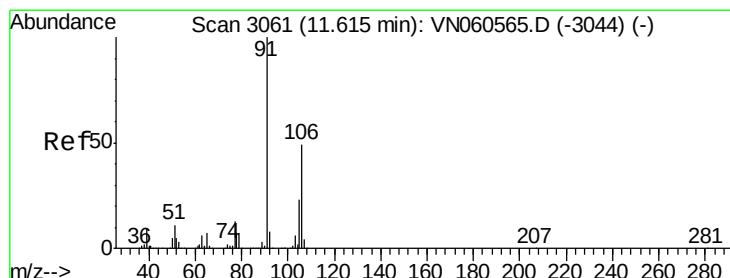
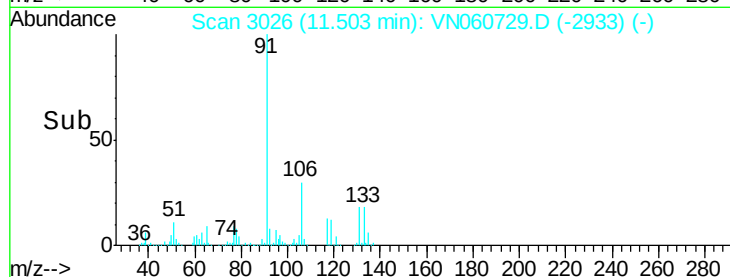
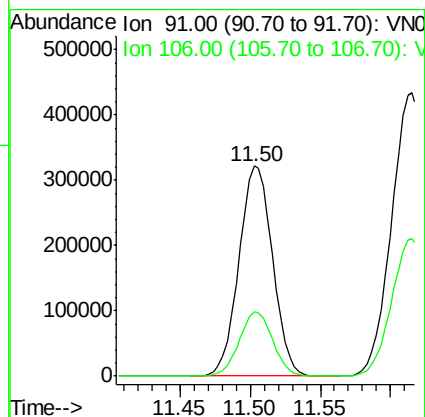
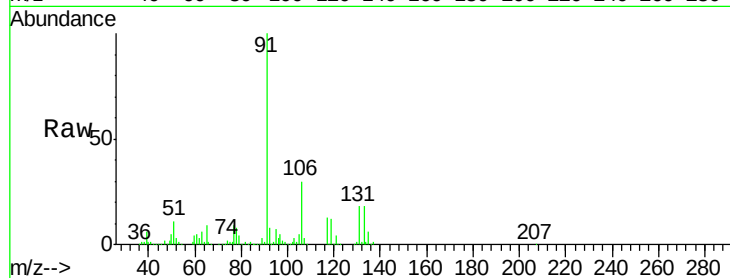
106 30.5 24.2 36.2

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#68

m/p-Xylenes

Concen: 99.400 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060729.D

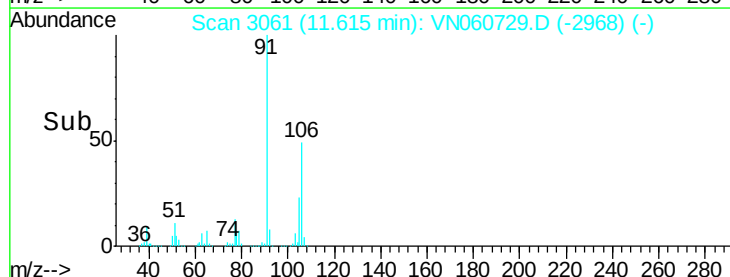
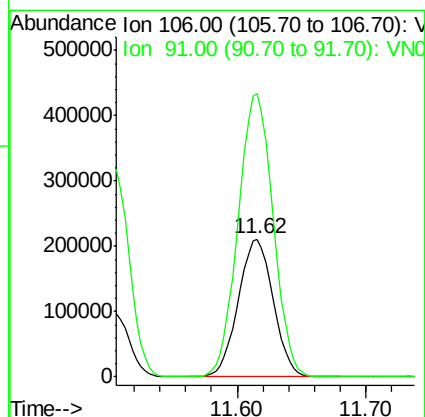
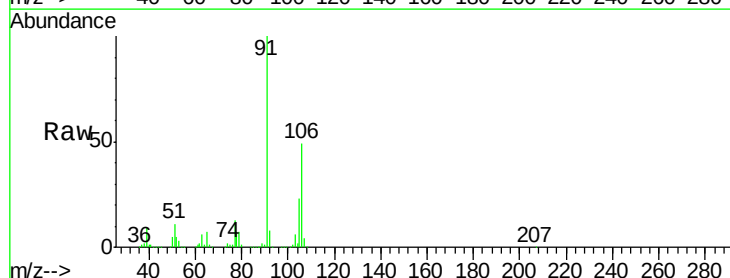
Acq: 26 Mar 2020 21:08

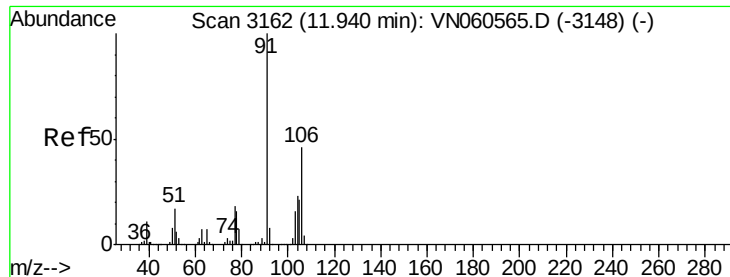
Tgt Ion: 106 Resp: 396821

Ion Ratio Lower Upper

106 100

91 206.5 165.0 247.4





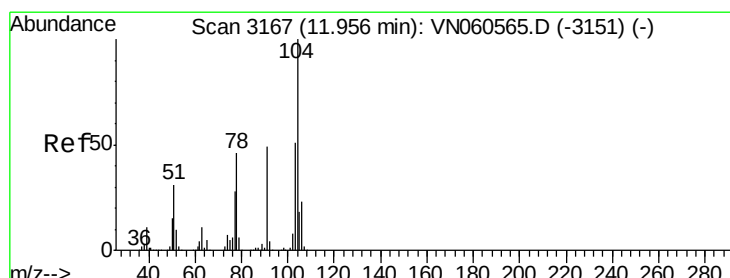
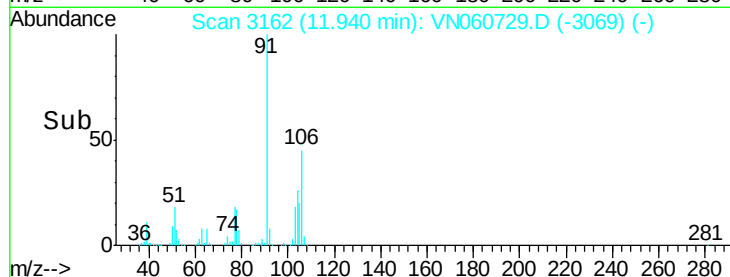
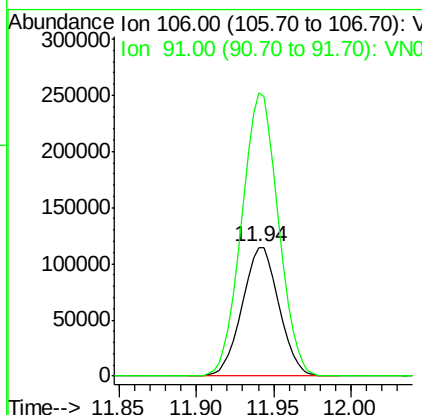
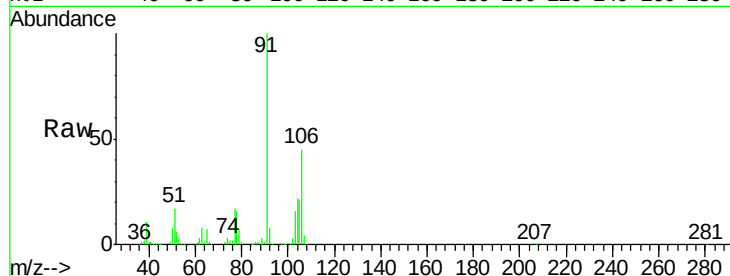
#69
o-Xylene
Concen: 49.811 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	219.4	109.5	328.4	

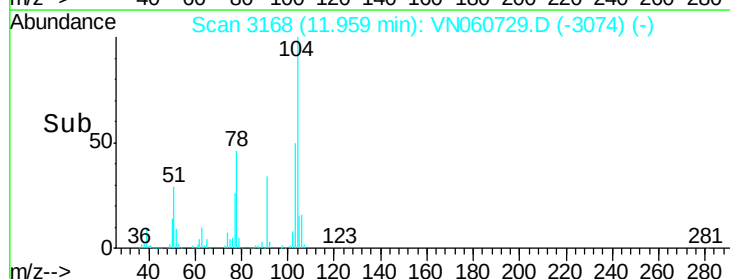
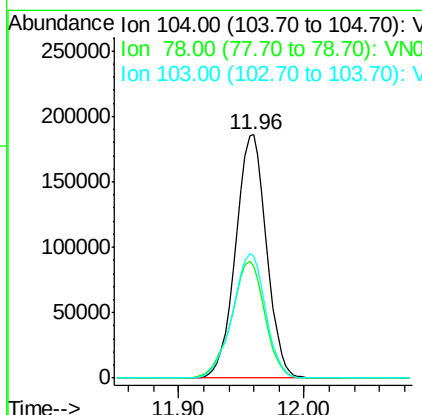
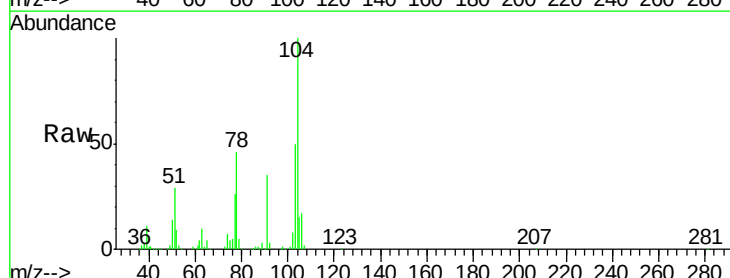
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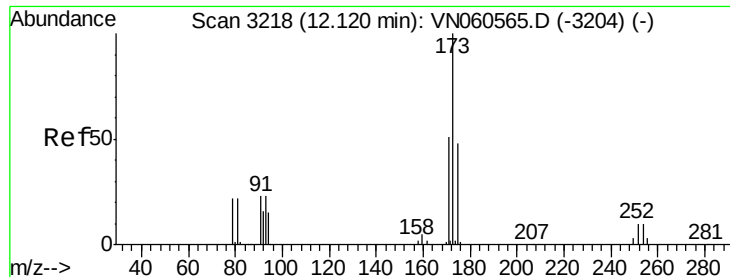
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#70
Styrene
Concen: 50.909 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.8	41.2	61.8	
103	54.8	44.0	66.0	





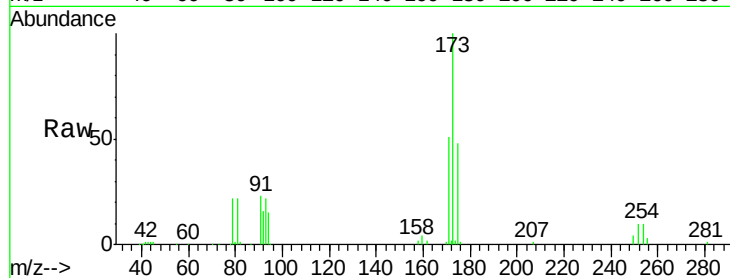
#71
Bromoform
Concen: 46.503 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

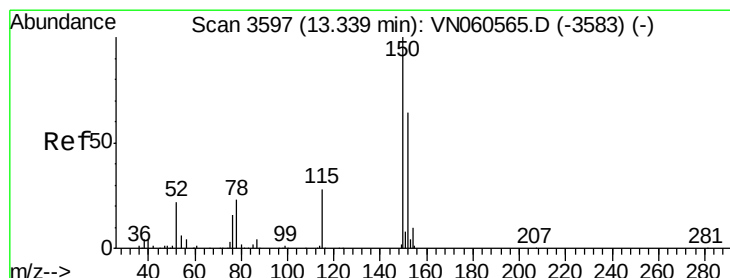
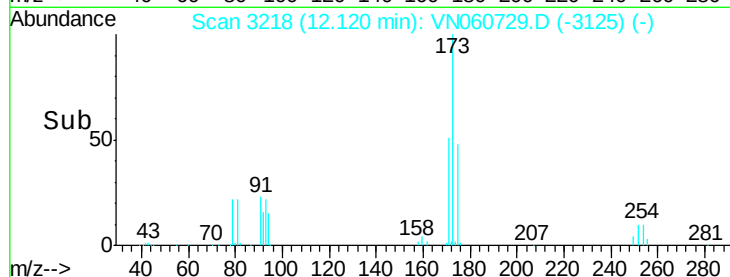
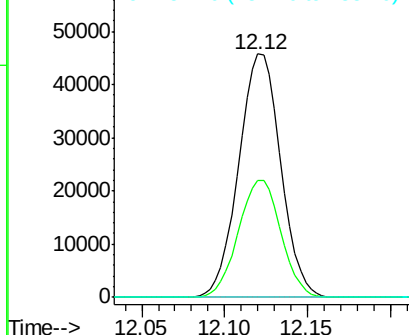
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.1	72.4
254	0.0	0.0	0.0

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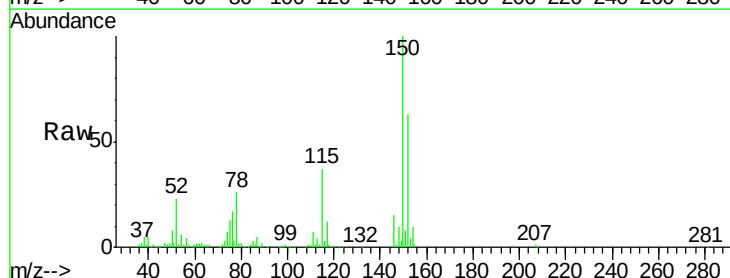


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

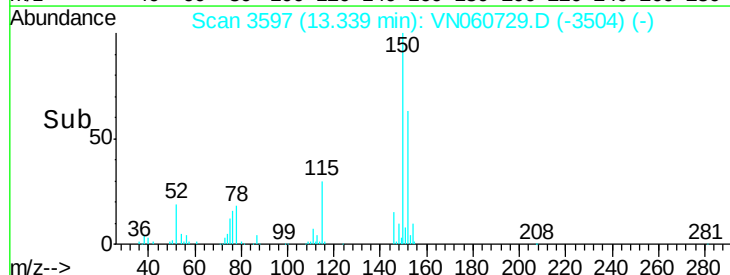
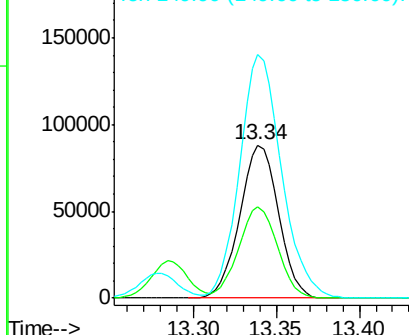


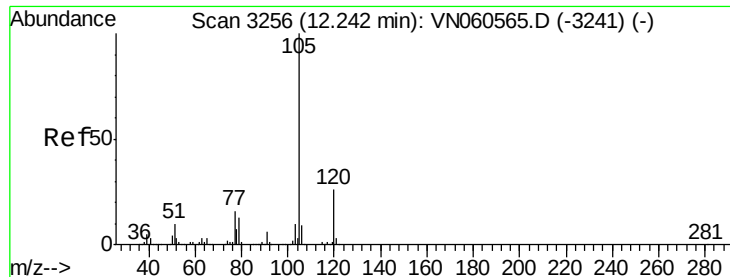
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	30.2	90.6
150	172.4	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: 47.780 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 513354

Ion Ratio Lower Upper

105 100

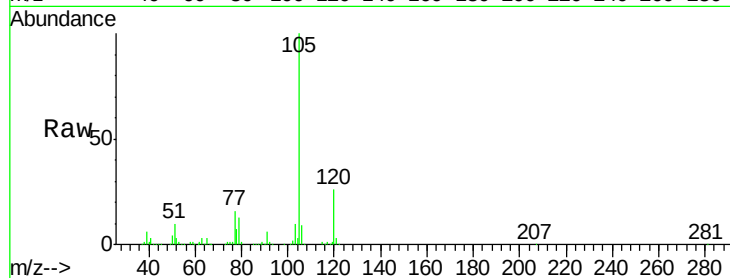
120 26.0 13.1 39.1

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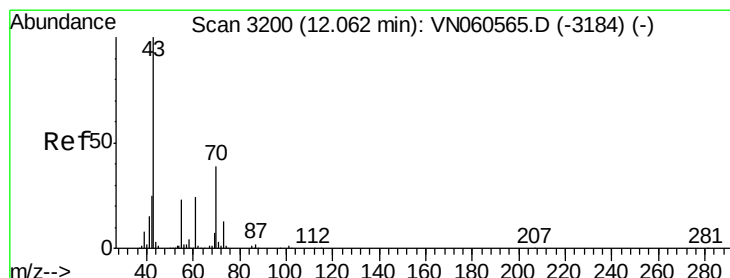
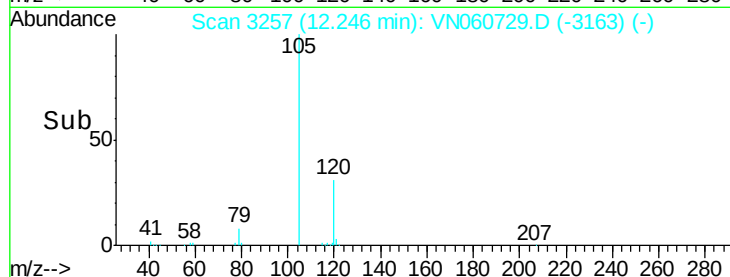
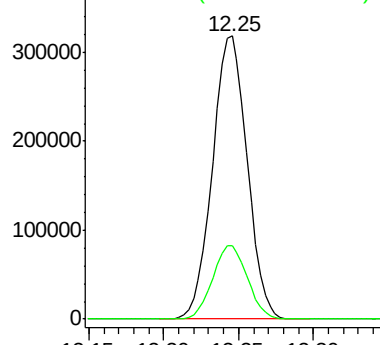
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.919 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion: 43 Resp: 237907

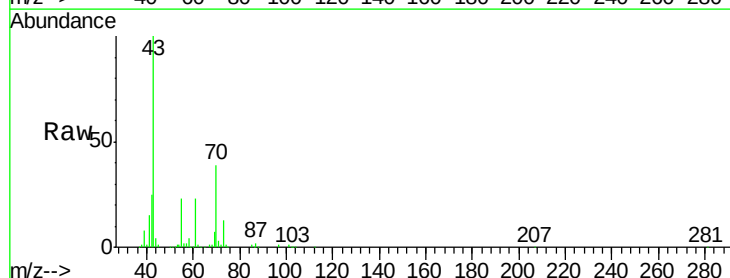
Ion Ratio Lower Upper

43 100

70 39.1 31.1 46.7

55 23.5 18.6 27.8

61 23.6 18.9 28.3

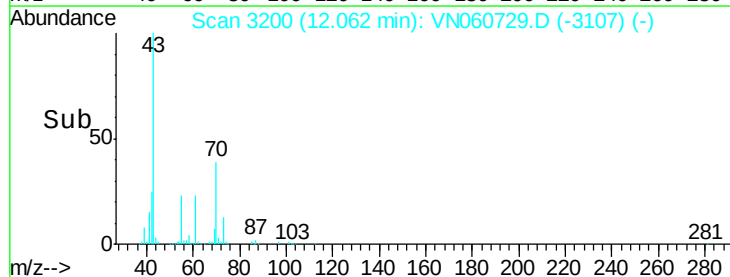
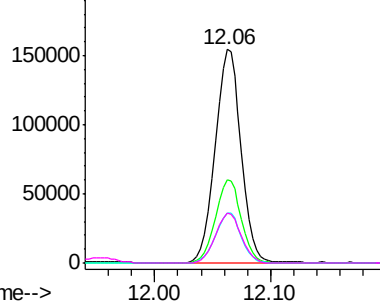


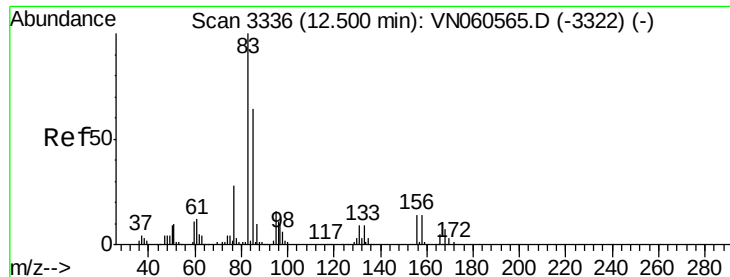
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.502 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

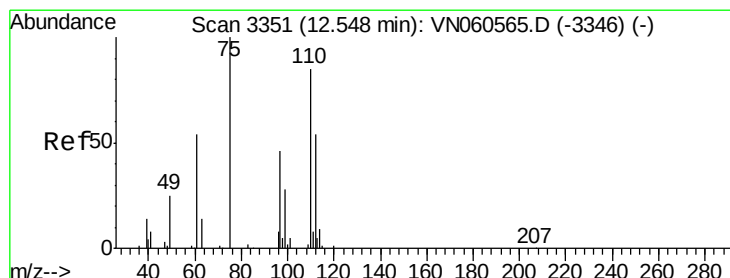
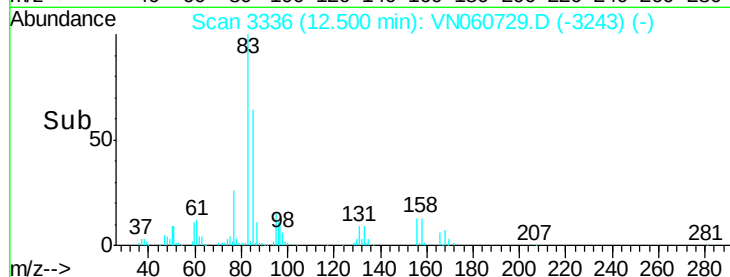
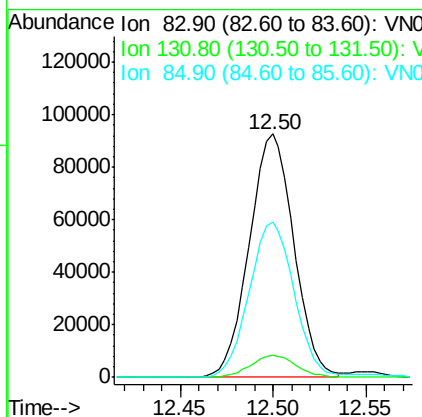
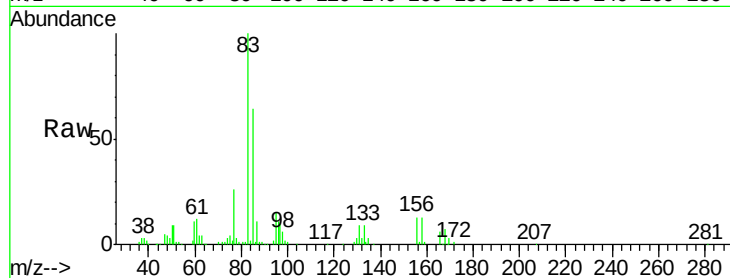
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	154341
Ion Ratio	Lower	Upper	
83	100		
131	9.3	4.9	14.7
85	64.2	32.5	97.4

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#76

1,2,3-Trichloropropane

Concen: 49.249 ug/l m

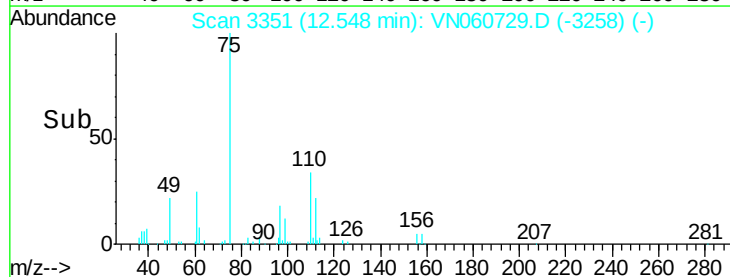
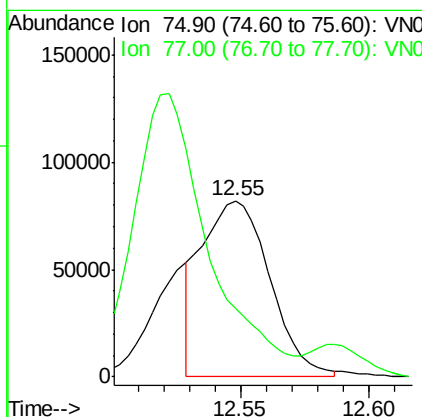
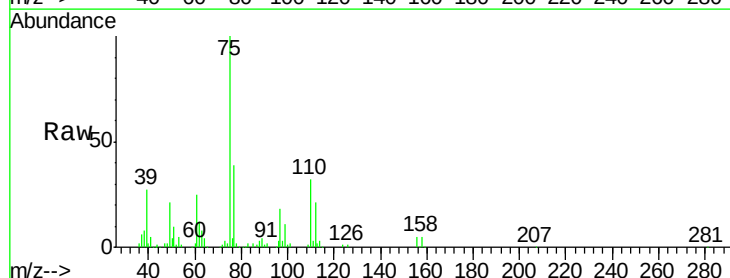
RT: 12.55 min Scan# 3351

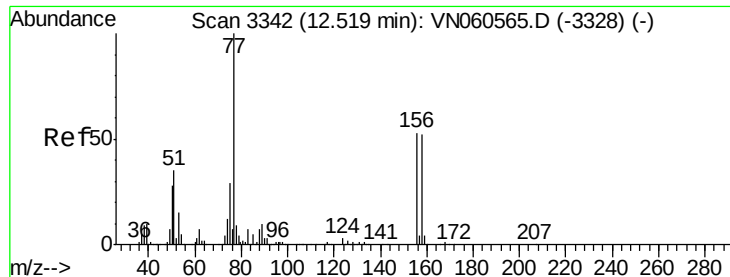
Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion:	75	Resp:	152142
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





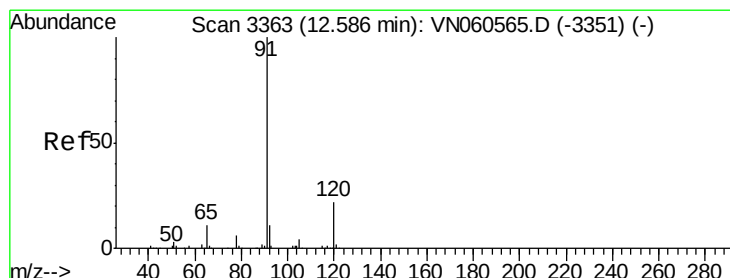
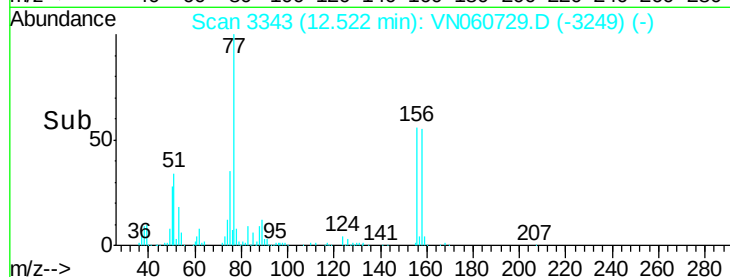
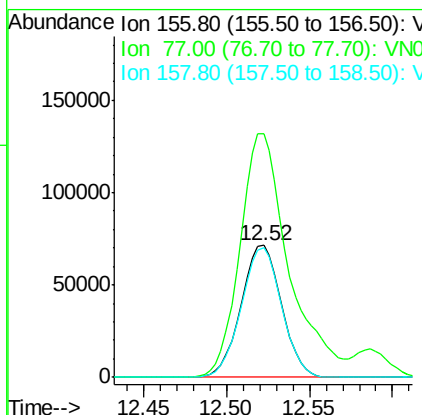
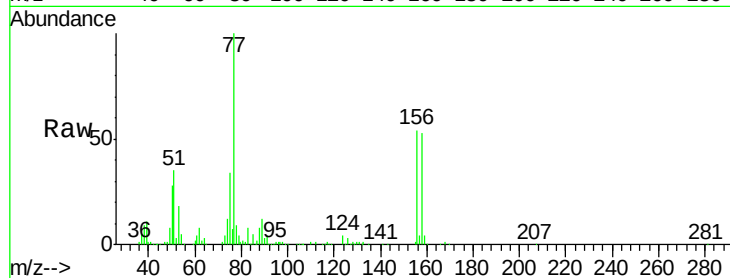
#77
Bromobenzene
Concen: 46.956 ug/l
RT: 12.52 min Scan# 3343
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	221.4	112.3	337.0
158	97.5	48.6	145.8

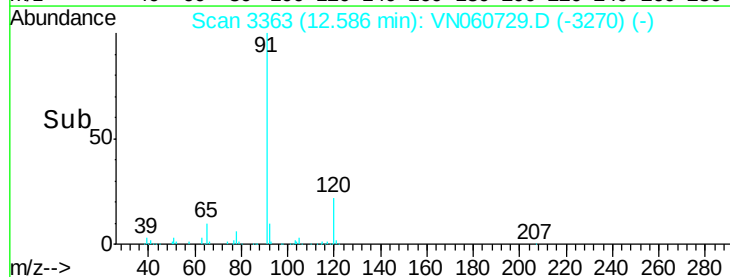
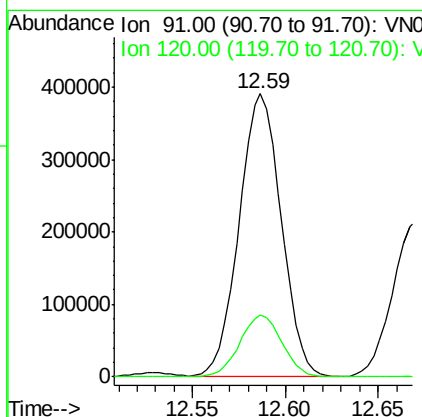
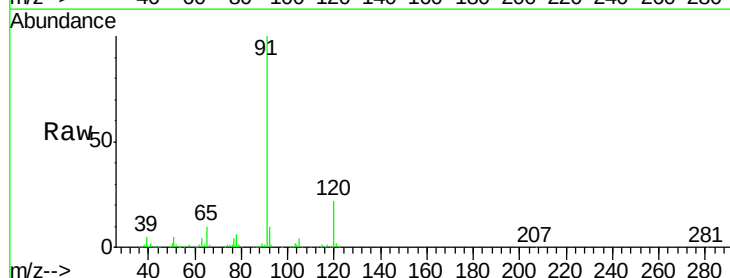
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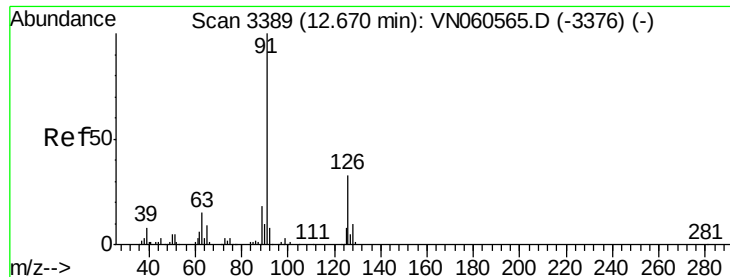
apatel
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#78
n-propylbenzene
Concen: 48.361 ug/l
RT: 12.59 min Scan# 3363
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.3	33.8





#79

2-Chlorotoluene

Concen: 46.714 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 354299

Ion Ratio Lower Upper

91 100

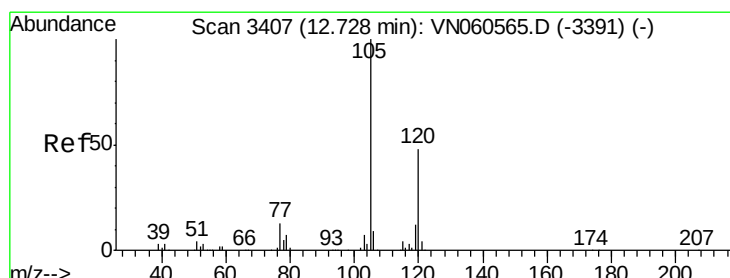
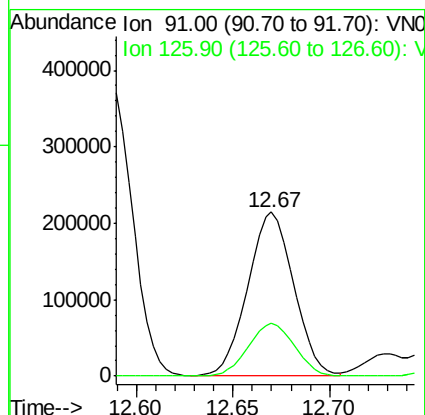
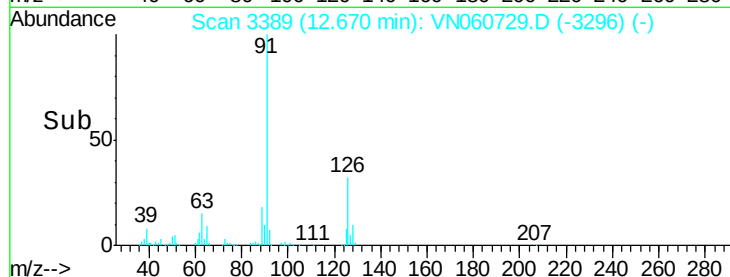
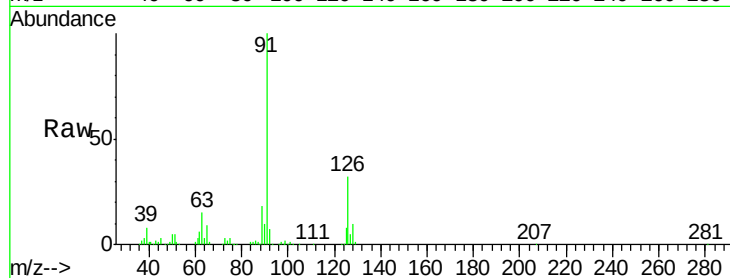
126 32.6 16.4 49.1

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#80

1,3,5-Trimethylbenzene

Concen: 47.872 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060729.D

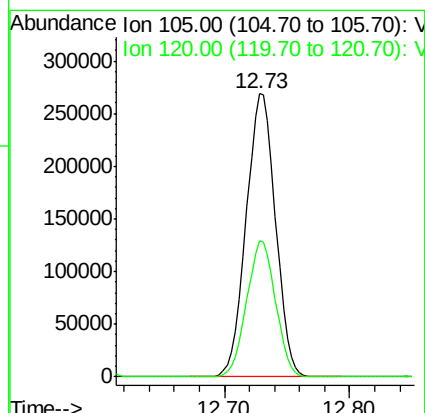
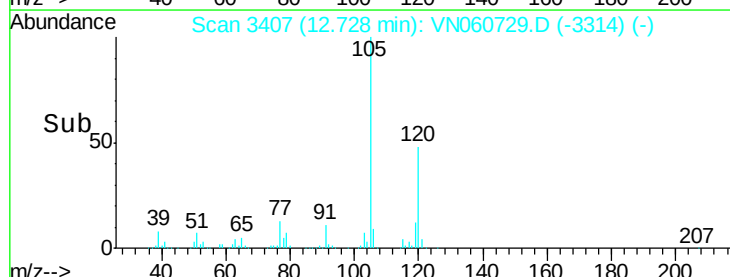
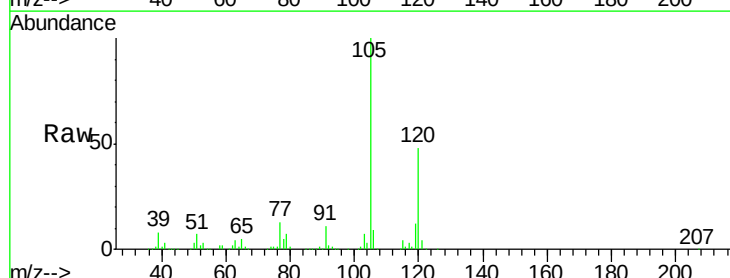
Acq: 26 Mar 2020 21:08

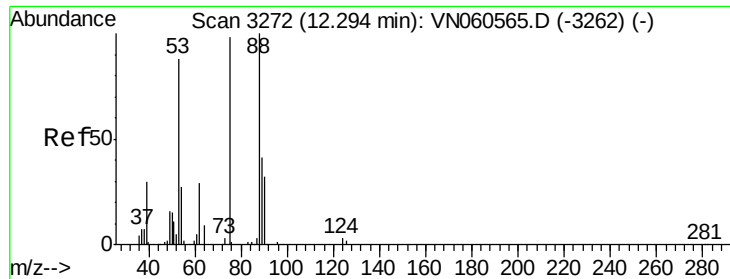
Tgt Ion: 105 Resp: 436487

Ion Ratio Lower Upper

105 100

120 47.4 23.9 71.7





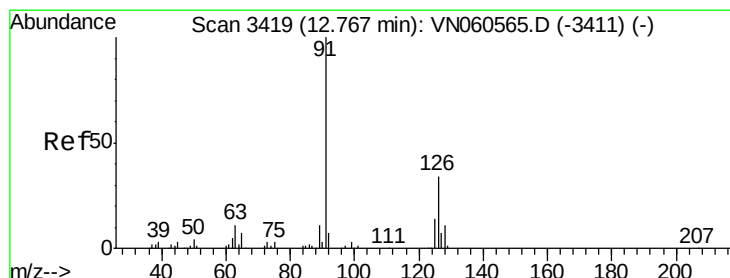
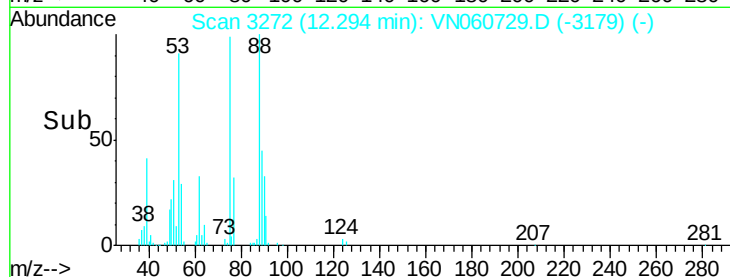
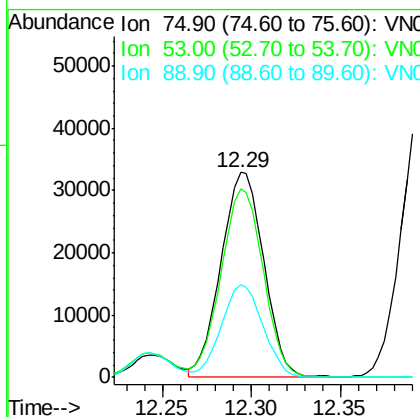
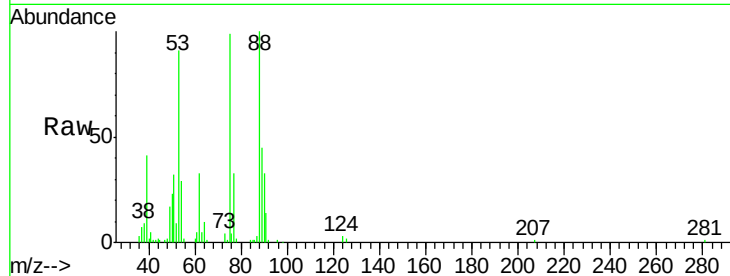
#81
trans-1,4-Dichloro-2-butene
Concen: 45.618 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.7	73.0	109.4
89	44.0	34.8	52.2

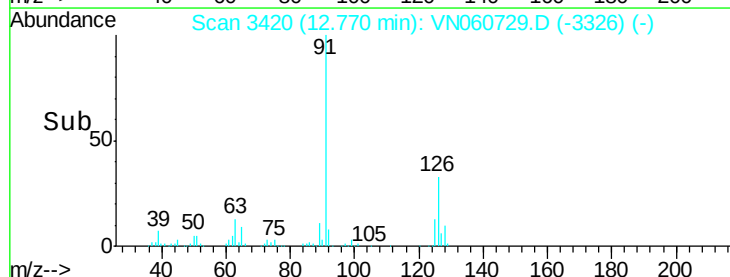
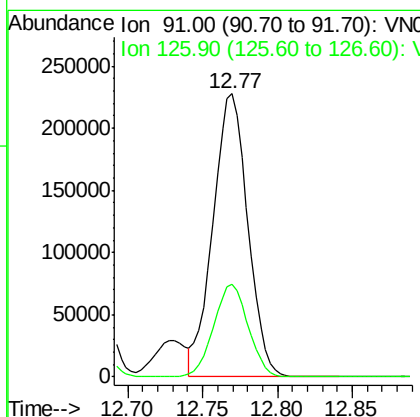
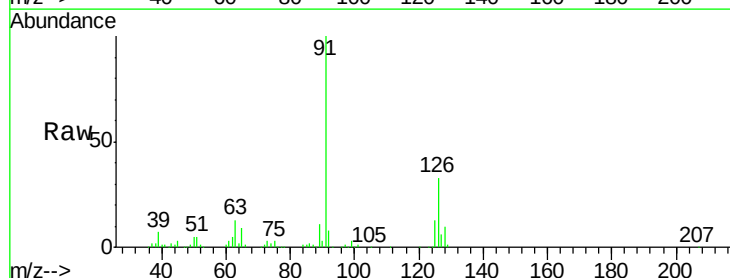
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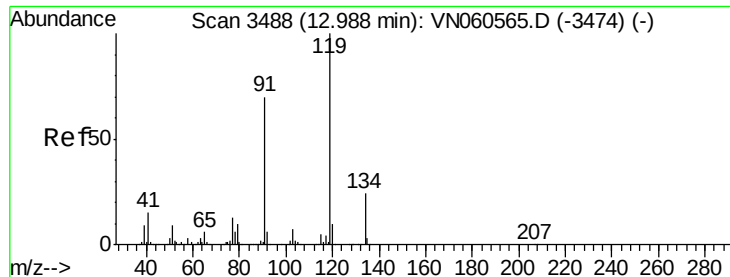
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#82
4-Chlorotoluene
Concen: 47.760 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.2	48.5





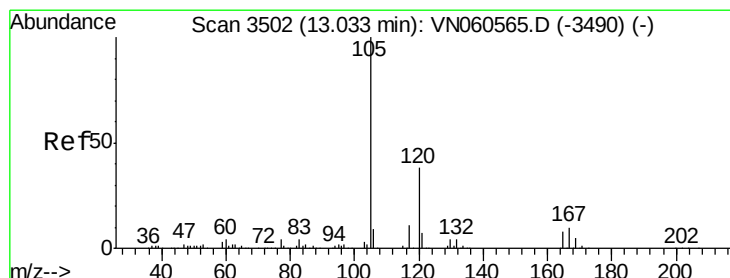
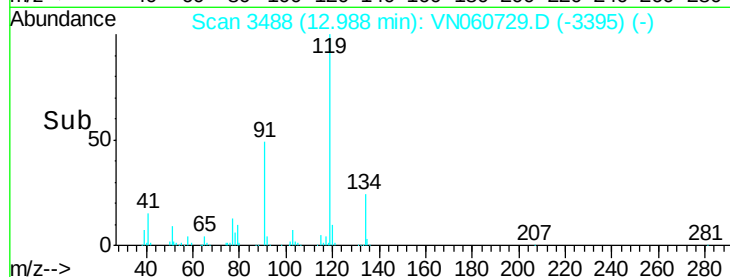
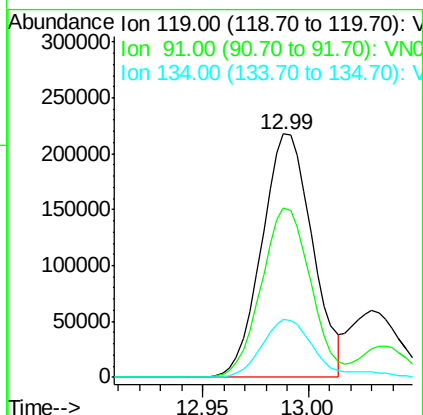
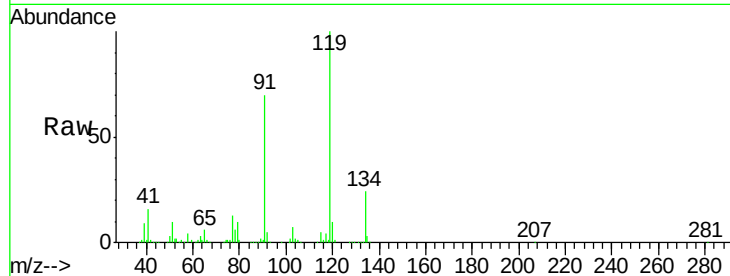
#83
 tert-Butylbenzene
 Concen: 48.179 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.8	34.0	101.8
134	25.2	12.7	38.0

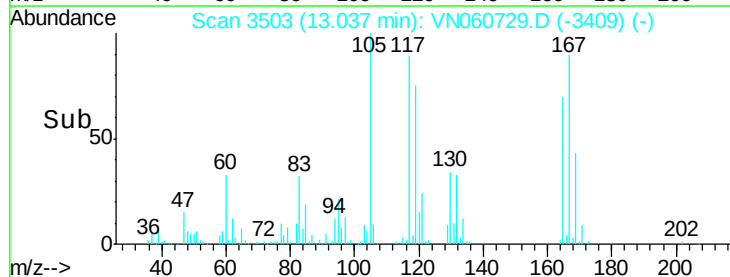
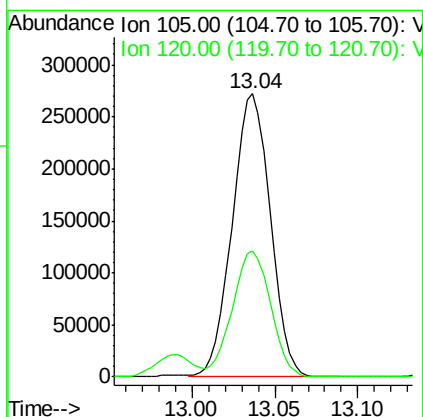
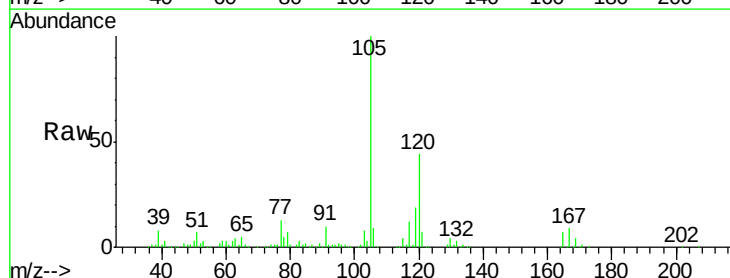
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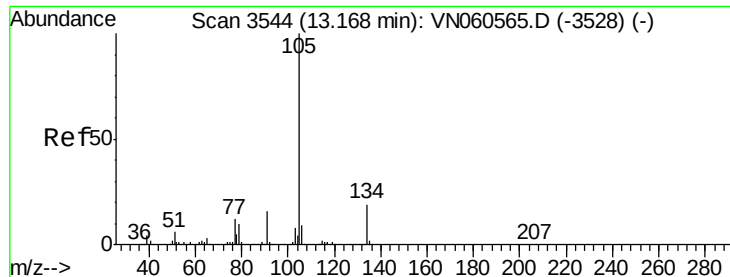
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.168 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.1	66.5





#85

sec-Butylbenzene

Concen: 49.902 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Instrument :

MSVOA_N

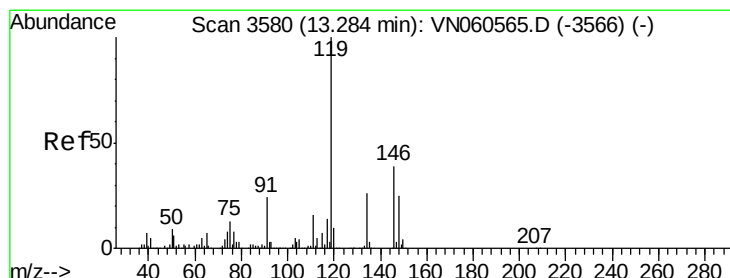
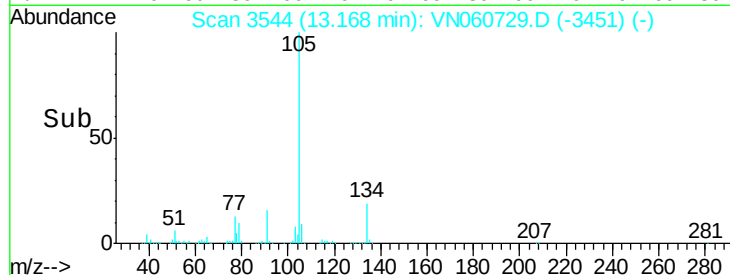
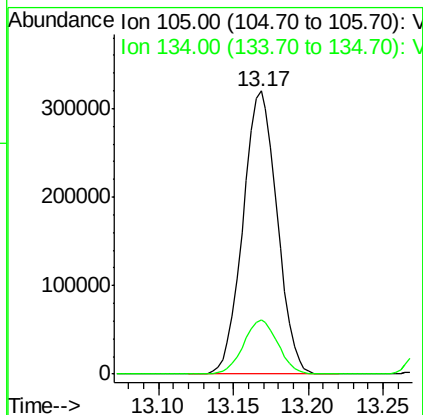
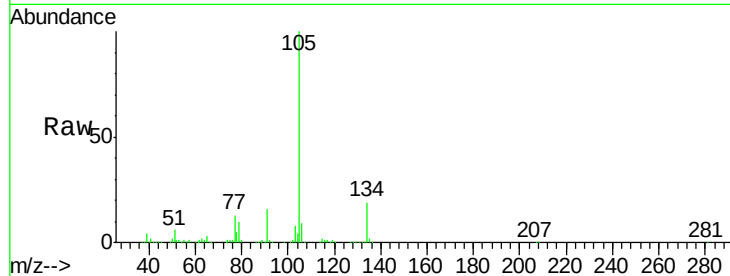
ClientSampleId :

VSTDCCC050EC

Tot Ion:	105	Resp:	507190
Ion Ratio	Lower	Upper	
105	100		
134	19.2	9.6	28.8

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#86

p-Isopropyltoluene

Concen: 49.596 ug/l

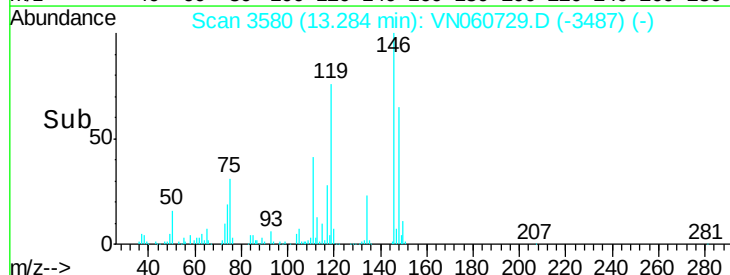
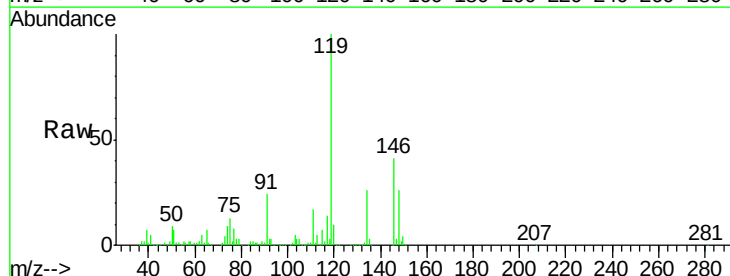
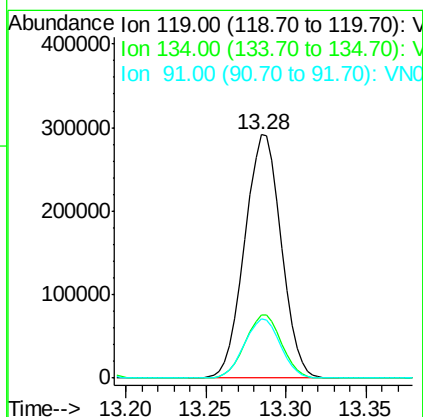
RT: 13.28 min Scan# 3580

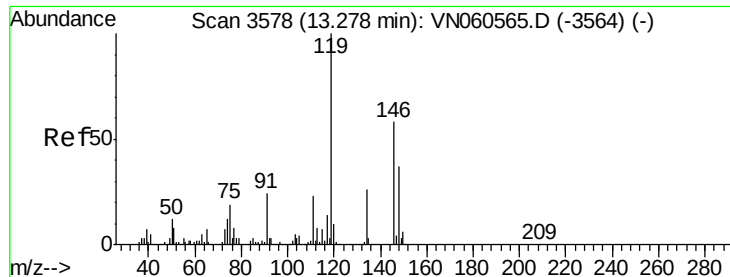
Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion:	119	Resp:	453283
Ion Ratio	Lower	Upper	
119	100		
134	25.7	13.0	39.0
91	24.3	12.0	36.0





#87

1,3-Dichlorobenzene

Concen: 48.710 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060729.D

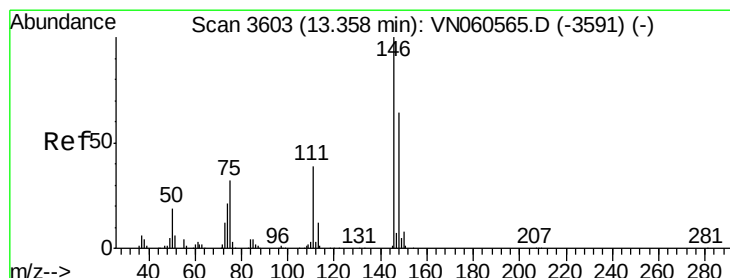
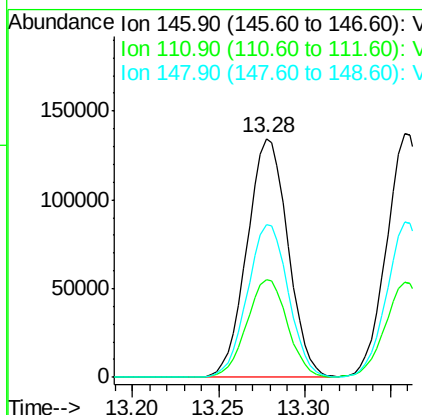
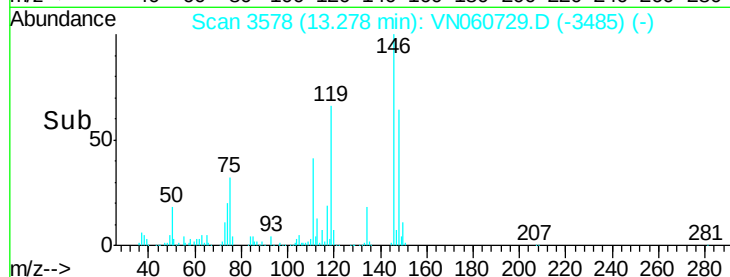
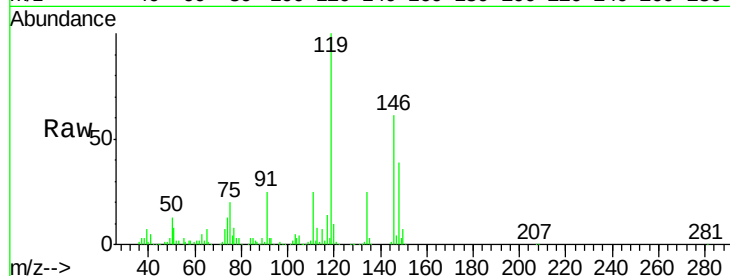
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	60.8
148	64.1	32.5	97.4

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#88

1,4-Dichlorobenzene

Concen: 48.489 ug/l

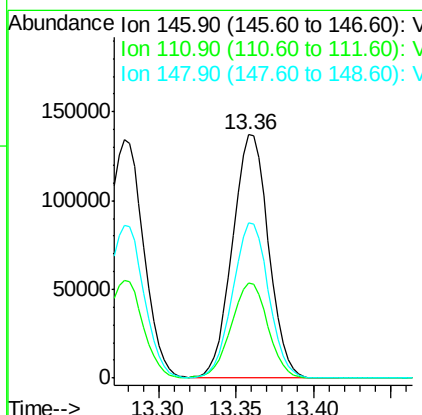
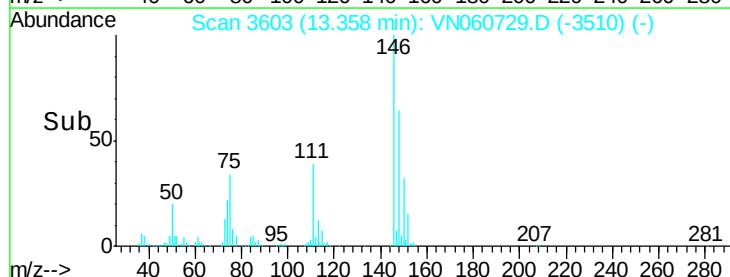
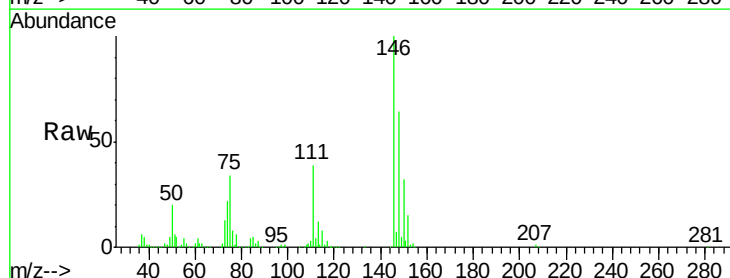
RT: 13.36 min Scan# 3603

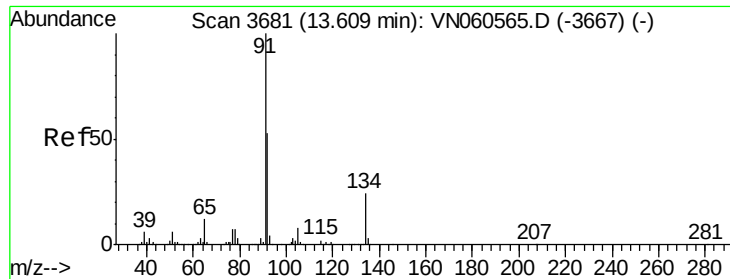
Delta R.T. -0.00 min

Lab File: VN060729.D

Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.6	58.7
148	63.7	32.1	96.3





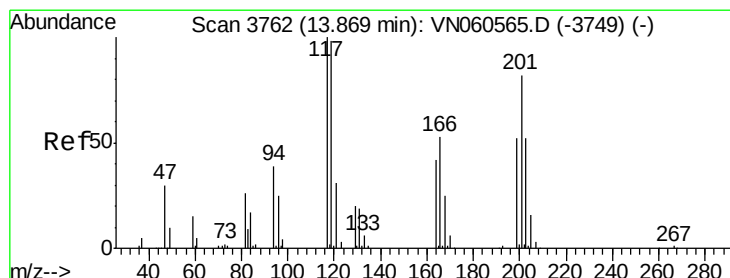
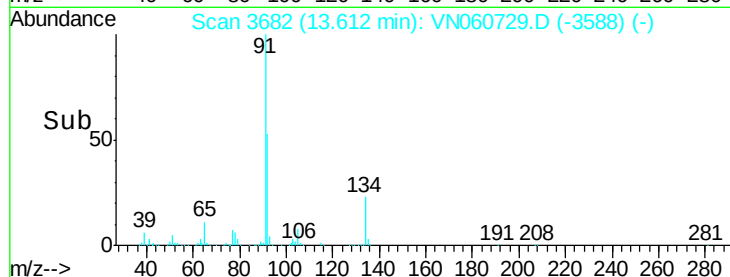
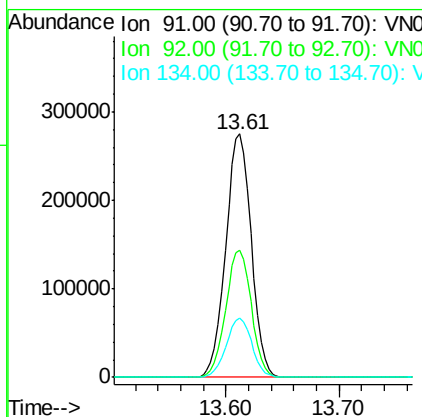
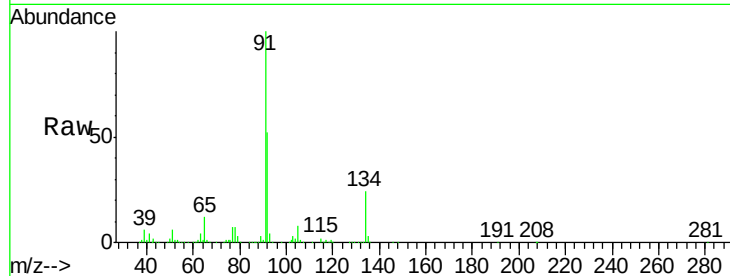
#89
n-Butylbenzene
Concen: 52.155 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	24.5	12.3	36.9

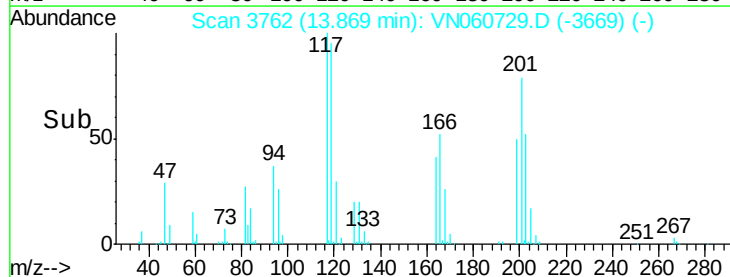
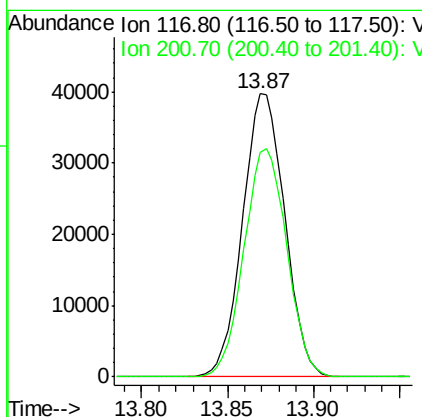
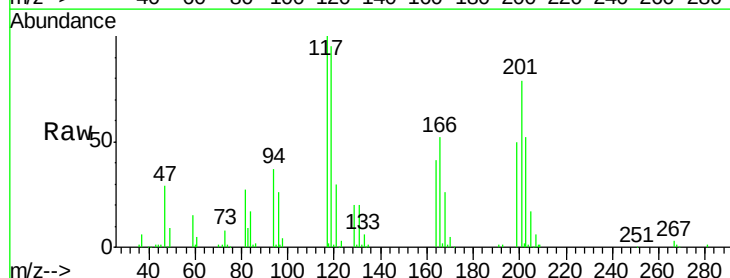
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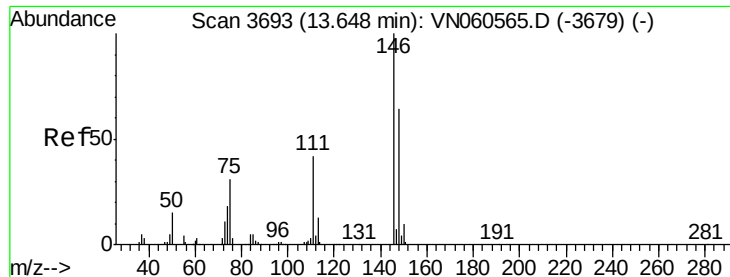
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#90
Hexachloroethane
Concen: 50.878 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.8	40.8	122.5





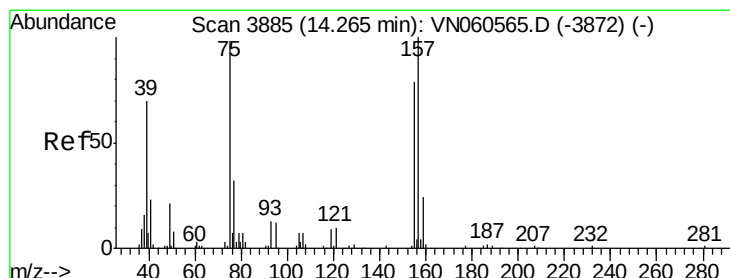
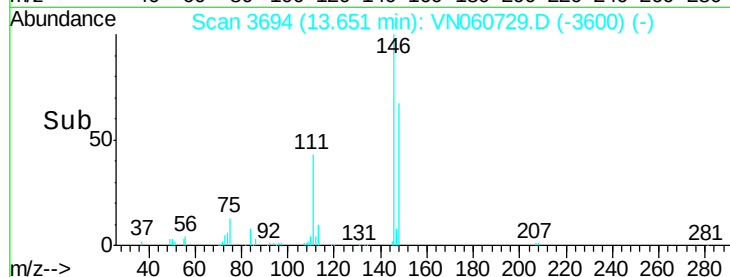
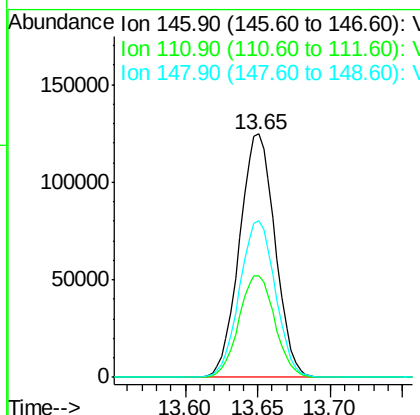
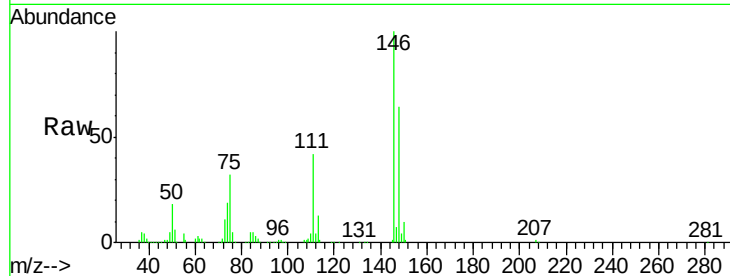
#91
 1,2-Dichlorobenzene
 Concen: 48.873 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.0	63.0
148	64.5	31.9	95.5

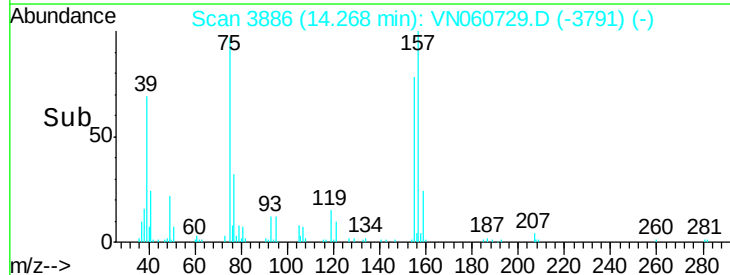
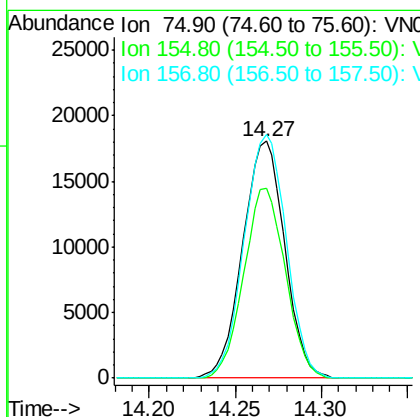
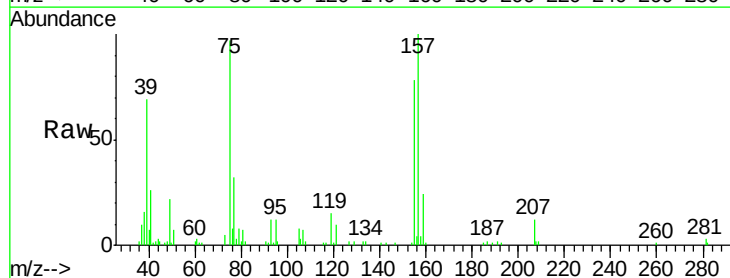
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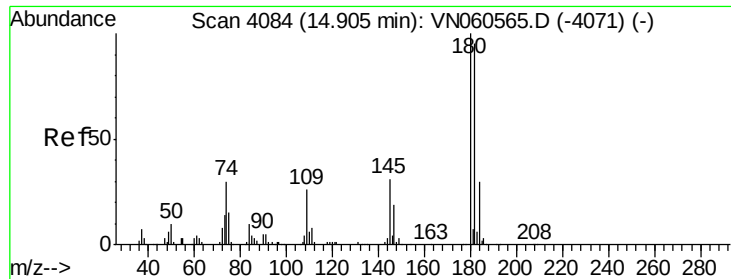
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.089 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.9	40.7	122.1
157	102.7	51.5	154.7





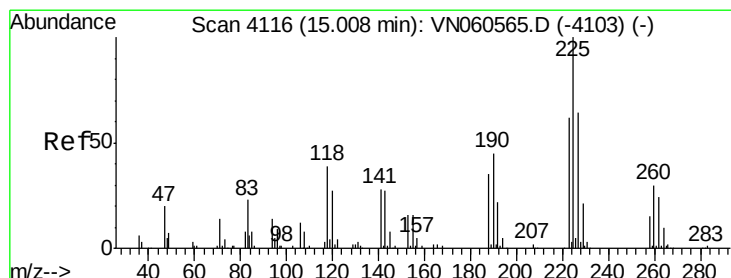
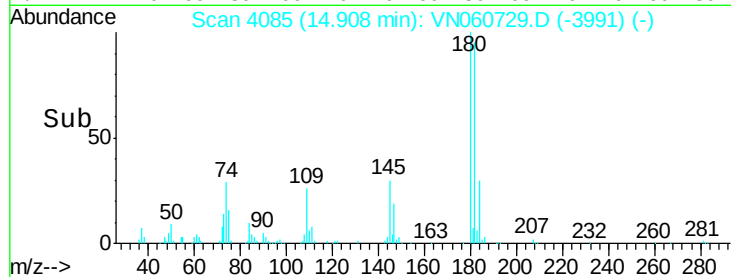
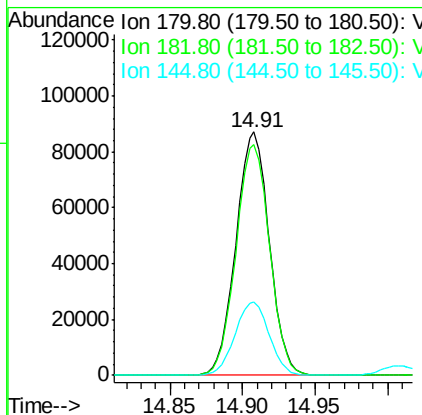
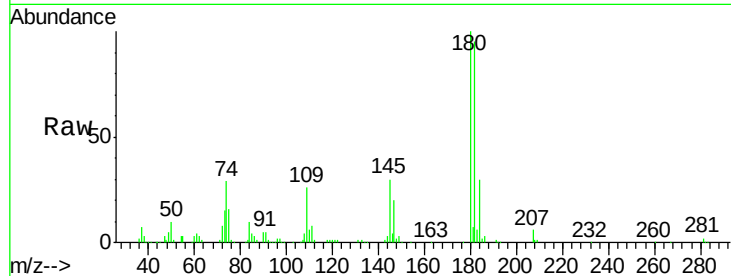
#93
 1,2,4-Trichlorobenzene
 Concen: 51.941 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139267		
182	95.6	47.9	143.8	
145	30.8	15.4	46.2	

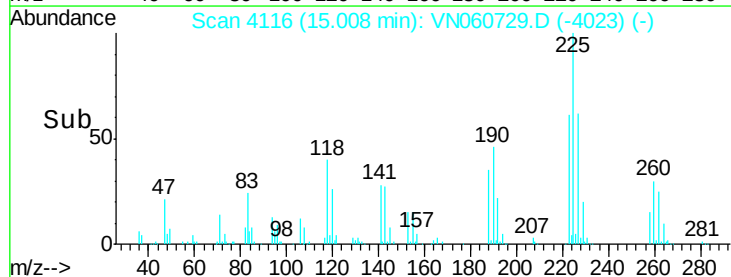
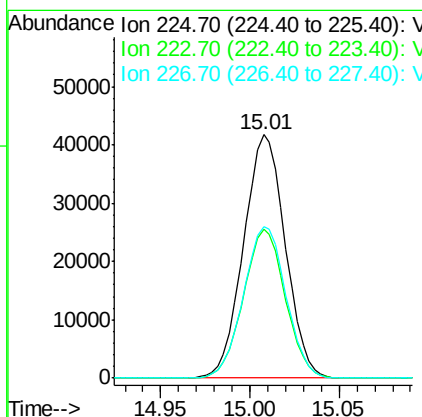
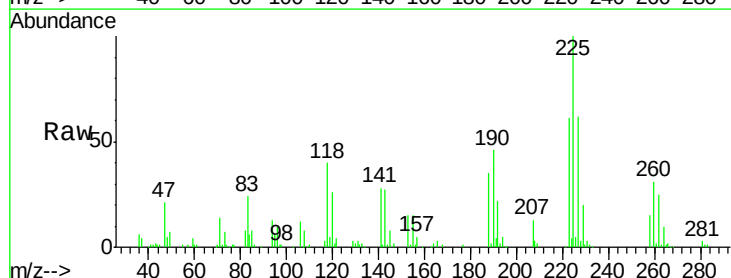
Manual Integrations
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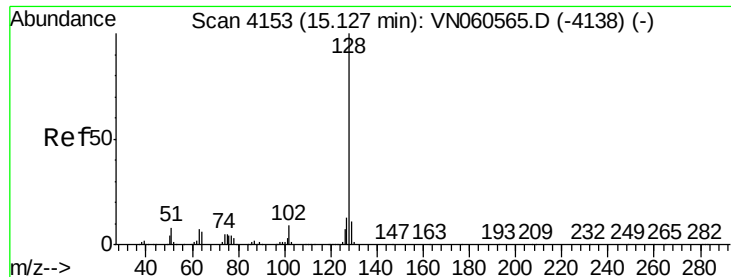
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#94
 Hexachlorobutadiene
 Concen: 51.749 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060729.D
 Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	68019		
223	61.3	31.6	95.0	
227	63.4	32.3	96.8	





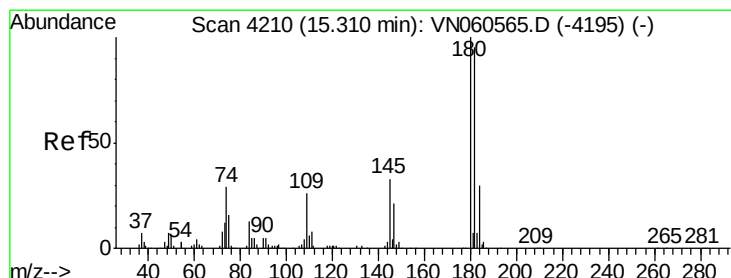
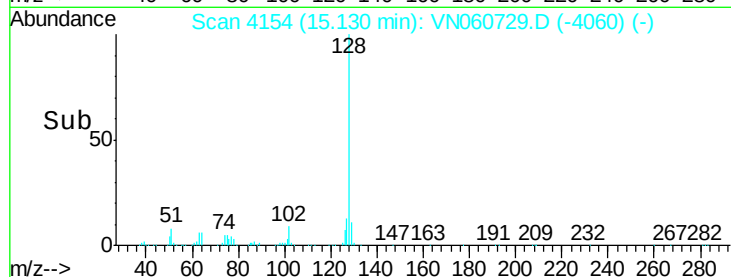
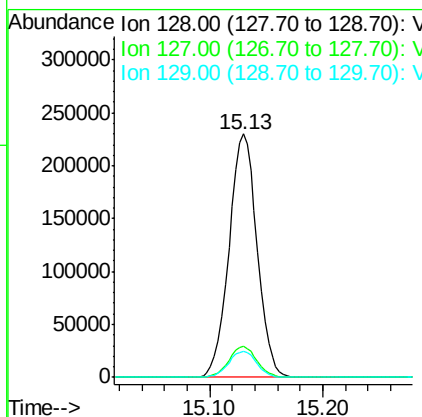
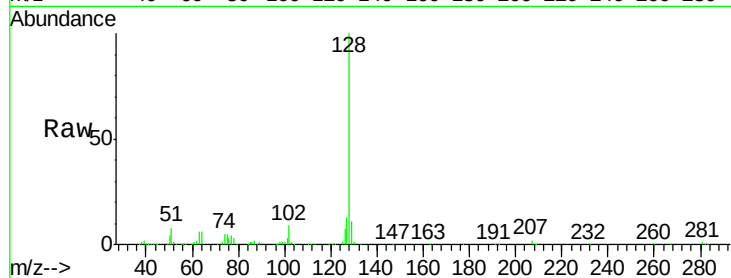
#95
Naphthalene
Concen: 48.975 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.723 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060729.D
Acq: 26 Mar 2020 21:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.5	142.6
145	32.4	16.3	48.8

