

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031720\
 Data File : VN060560.D
 Acq On : 17 Mar 2020 16:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/18/2020 5:34:51 PM

Quant Time: Mar 18 07:41:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	357741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	331594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	159736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	133317	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	7.56	113	101011	60.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.66%	
50) Toluene-d8	10.08	98	394142	46.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.80%	
62) 4-Bromofluorobenzene	12.40	95	152515	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	70315	36.666	ug/l	99
3) Chloromethane	2.03	50	141274	42.312	ug/l	99
4) Vinyl Chloride	2.16	62	110087	38.446	ug/l	100
5) Bromomethane	2.54	94	47262	40.551	ug/l	97
6) Chloroethane	2.68	64	69034	44.497	ug/l	96
7) Trichlorofluoromethane	3.00	101	155732	42.568	ug/l	99
8) Diethyl Ether	3.38	74	67543	48.898	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	92361	44.609	ug/l	100
10) Methyl Iodide	3.93	142	66271	35.071	ug/l	99
11) Tert butyl alcohol	4.73	59	105592	264.983	ug/l	99
12) 1,1-Dichloroethene	3.72	96	91267	45.411	ug/l	99
13) Acrolein	3.58	56	103857	279.372	ug/l	100
14) Allyl chloride	4.29	41	169433	45.729	ug/l	99
15) Acrylonitrile	4.94	53	305517	290.876	ug/l	99
16) Acetone	3.78	43	243464	280.932	ug/l	99
17) Carbon Disulfide	4.03	76	211211	39.458	ug/l	100
18) Methyl Acetate	4.29	43	159844	55.269	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	365106	50.042	ug/l	98
20) Methylene Chloride	4.52	84	110864	46.581	ug/l	98
21) trans-1,2-Dichloroethene	5.01	96	97649	45.187	ug/l	95
22) Diisopropyl ether	5.92	45	400694	53.390	ug/l	98
23) Vinyl Acetate	5.86	43	1601246	268.496	ug/l	98
24) 1,1-Dichloroethane	5.81	63	211510	49.786	ug/l	100
25) 2-Butanone	6.80	43	409391	292.461	ug/l	98
26) 2,2-Dichloropropane	6.80	77	171114	44.243	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	124146	44.984	ug/l	99
28) Bromochloromethane	7.17	49	89350	51.224	ug/l	93
29) Tetrahydrofuran	7.18	42	275055	282.572	ug/l	97
30) Chloroform	7.35	83	207246	49.004	ug/l	100
31) Cyclohexane	7.63	56	169387	46.632	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	174372	46.536	ug/l	100
36) 1,1-Dichloropropene	7.77	75	145970	42.813	ug/l	99
37) Ethyl Acetate	6.90	43	173668	53.795	ug/l	98
38) Carbon Tetrachloride	7.75	117	137379	41.385	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	158799	39.503	ug/l	95
40) Benzene	8.02	78	452265	45.576	ug/l	99
41) Methacrylonitrile	7.15	41	83476m	56.000	ug/l	
42) 1,2-Dichloroethane	8.10	62	162840	45.474	ug/l	100
43) Isopropyl Acetate	8.14	43	296644	52.487	ug/l	99
44) Trichloroethene	8.82	130	114246	41.337	ug/l	98
45) 1,2-Dichloropropane	9.10	63	130454	50.281	ug/l	99
46) Dibromomethane	9.19	93	76861	45.656	ug/l	98
47) Bromodichloromethane	9.39	83	166049	48.496	ug/l	99
48) Methyl methacrylate	9.18	41	130259	50.542	ug/l	97
49) 1,4-Dioxane	9.18	88	31587	871.527	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	885929	276.470	ug/l	100
52) Toluene	10.14	92	278998	44.758	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	190928	45.508	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	201282	46.300	ug/l	96
55) 1,1,2-Trichloroethane	10.55	97	116774	46.584	ug/l	98
56) Ethyl methacrylate	10.42	69	188537	52.352	ug/l	96
57) 1,3-Dichloropropane	10.70	76	200125	48.954	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	469971	249.516	ug/l	97
59) 2-Hexanone	10.74	43	641223	272.540	ug/l	99
60) Dibromochloromethane	10.89	129	122701	48.132	ug/l	100
61) 1,2-Dibromoethane	10.99	107	114441	46.832	ug/l	100
64) Tetrachloroethene	10.62	164	108329	41.245	ug/l	99
65) Chlorobenzene	11.43	112	295220	44.091	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	112566	45.468	ug/l	99
67) Ethyl Benzene	11.50	91	545558	44.742	ug/l	99
68) m/p-Xylenes	11.62	106	396512	86.189	ug/l	98
69) o-Xylene	11.94	106	196156	44.713	ug/l	100
70) Styrene	11.96	104	328154	45.496	ug/l	99
71) Bromoform	12.12	173	90359	50.642	ug/l #	100
73) Isopropylbenzene	12.25	105	529658	44.737	ug/l	100
74) N-amyl acetate	12.06	43	261195	50.487	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	171587	53.317	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	144947m	41.359	ug/l	
77) Bromobenzene	12.52	156	130246	44.879	ug/l	96
78) n-propylbenzene	12.59	91	619872	44.666	ug/l	99
79) 2-Chlorotoluene	12.67	91	368325	45.150	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	442951	44.436	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	64125	50.509	ug/l #	83
82) 4-Chlorotoluene	12.77	91	379434	44.147	ug/l	98
83) tert-Butylbenzene	12.99	119	377970	43.795	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	446111	44.339	ug/l	100
85) sec-Butylbenzene	13.17	105	508074	43.962	ug/l	99
86) p-Isopropyltoluene	13.28	119	453022	42.351	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	226243	45.351	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	224581	45.259	ug/l	99
89) n-Butylbenzene	13.61	91	413051	42.064	ug/l	99
90) Hexachloroethane	13.87	117	68775	44.418	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	221481	43.553	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	35205	48.306	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	138459	42.862	ug/l	99
94) Hexachlorobutadiene	15.01	225	65165	43.800	ug/l	99
95) Naphthalene	15.13	128	432407	45.407	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	133506	43.849	ug/l	99

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

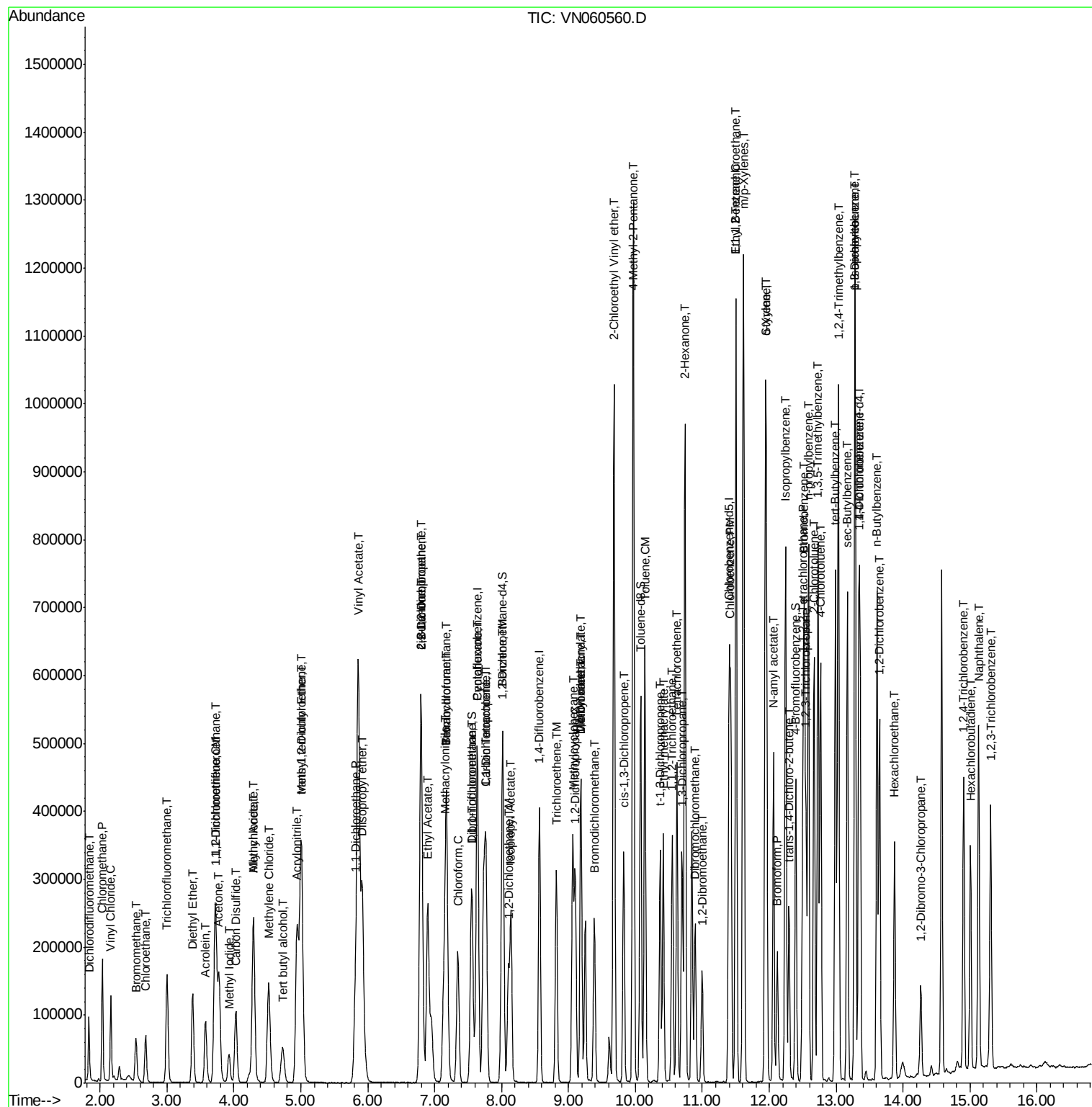
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031720\
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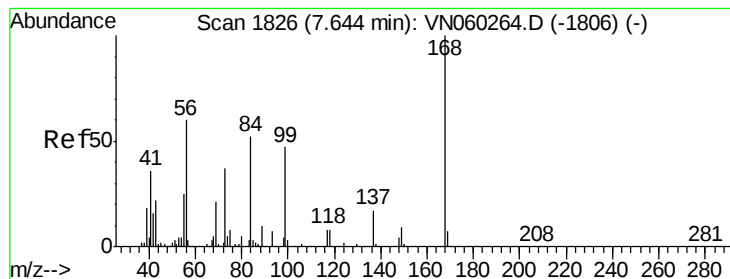
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 209167

Ion Ratio Lower Upper

168 100

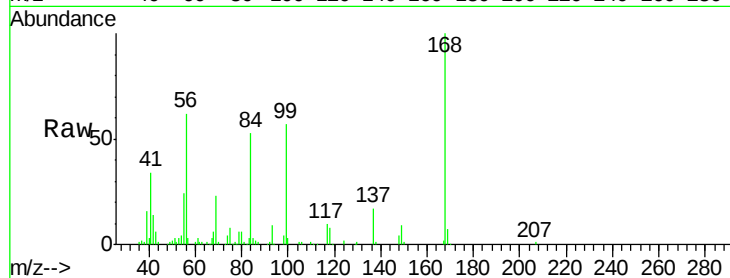
99 57.3 44.7 67.1

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

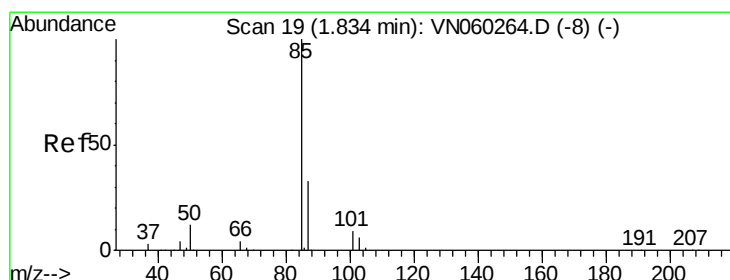
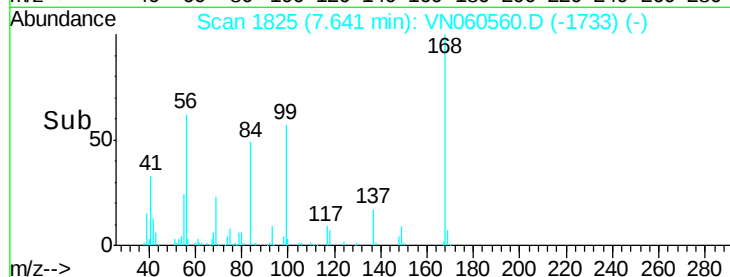
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 36.666 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN060560.D

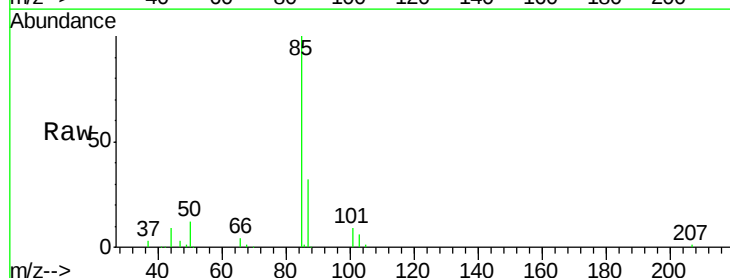
Acq: 17 Mar 2020 16:34

Tgt Ion: 85 Resp: 70315

Ion Ratio Lower Upper

85 100

87 32.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

50000

40000

30000

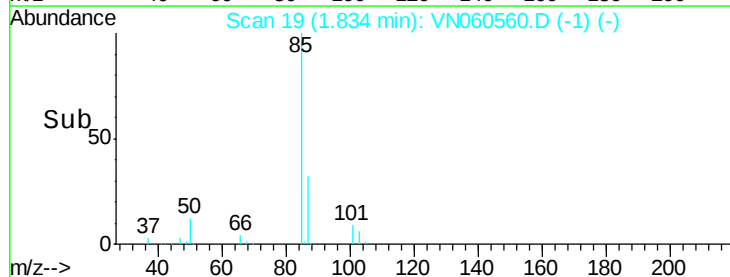
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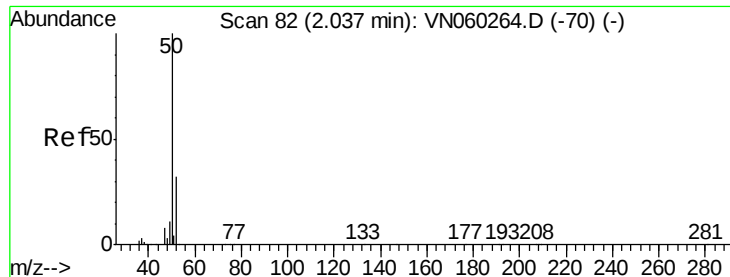
10000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 42.312 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 141274

Ion Ratio Lower Upper

50 100

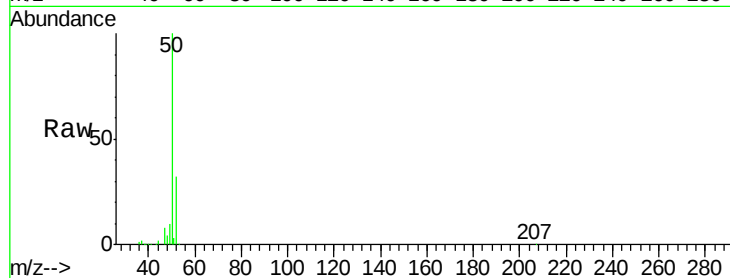
52 32.3 25.6 38.4

Manual Integrations

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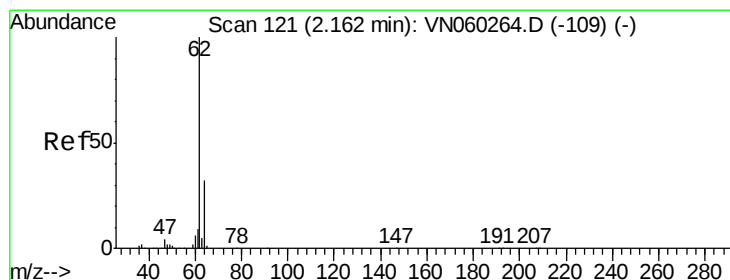
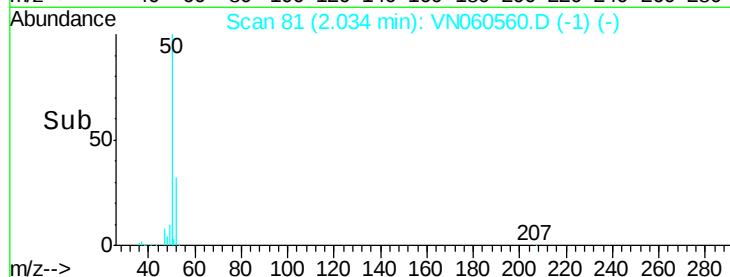
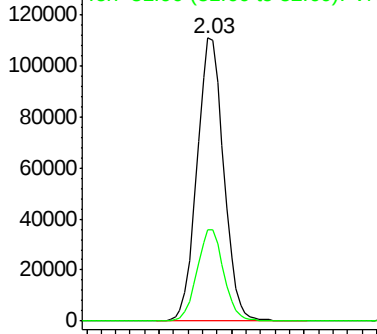
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 38.446 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN060560.D

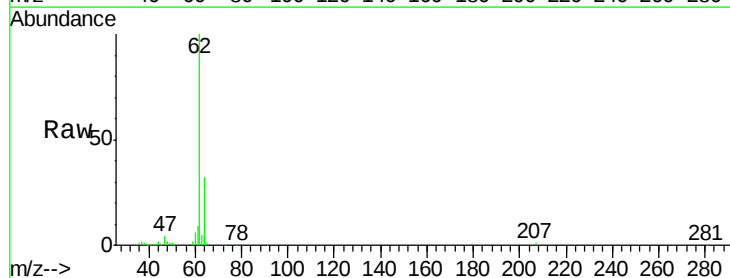
Acq: 17 Mar 2020 16:34

Tgt Ion: 62 Resp: 110087

Ion Ratio Lower Upper

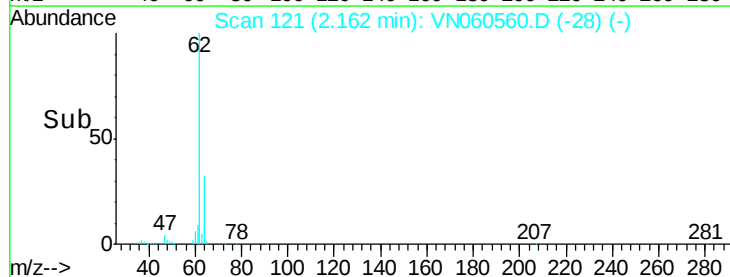
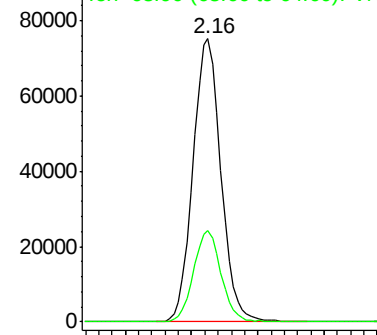
62 100

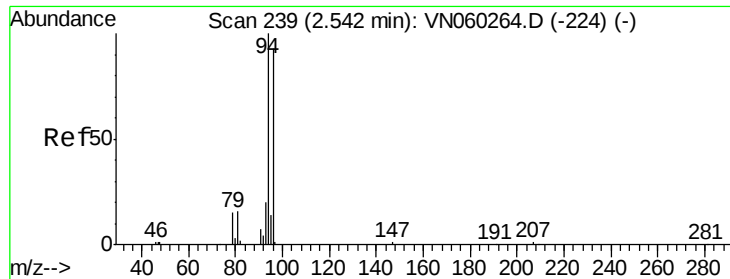
64 32.1 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 40.551 ug/l

RT: 2.54 min Scan# 237

Delta R.T. -0.01 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

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Tot Ion: 94 Resp: 47262

Ion Ratio Lower Upper

94 100

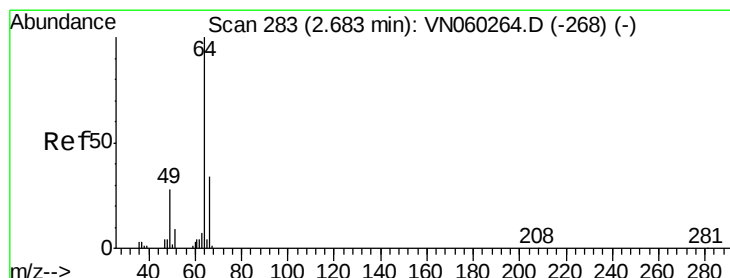
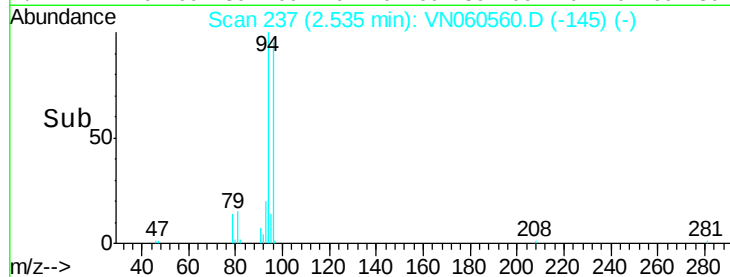
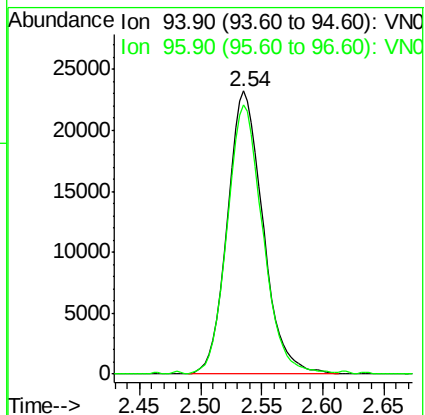
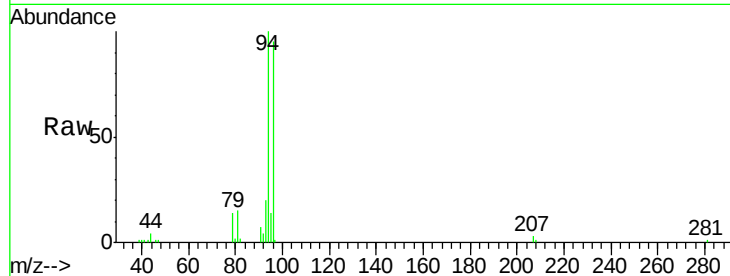
96 95.3 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 44.497 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060560.D

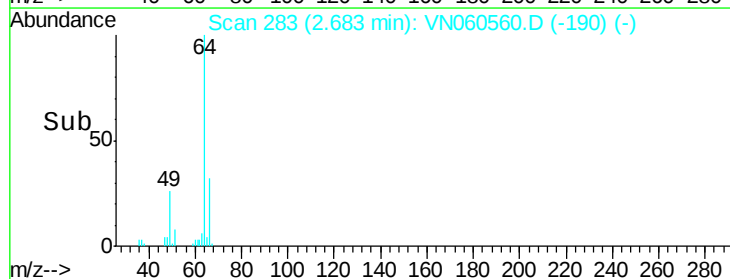
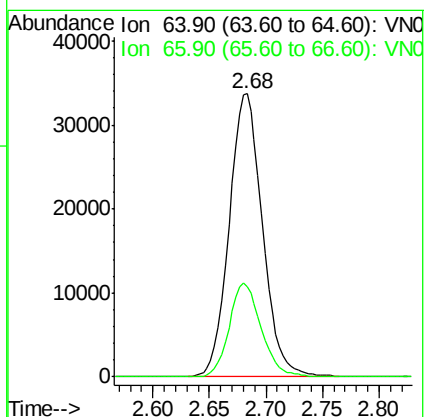
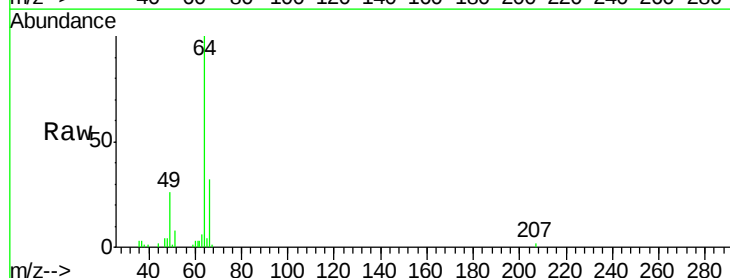
Acq: 17 Mar 2020 16:34

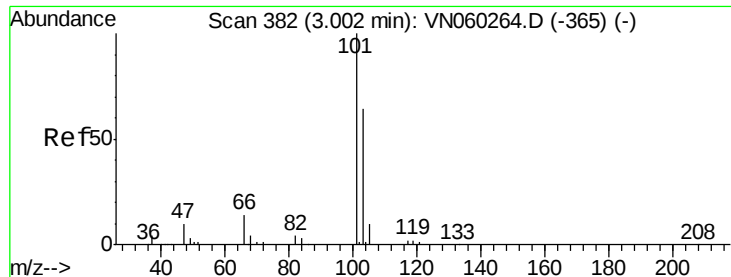
Tgt Ion: 64 Resp: 69034

Ion Ratio Lower Upper

64 100

66 31.9 27.4 41.2





#7

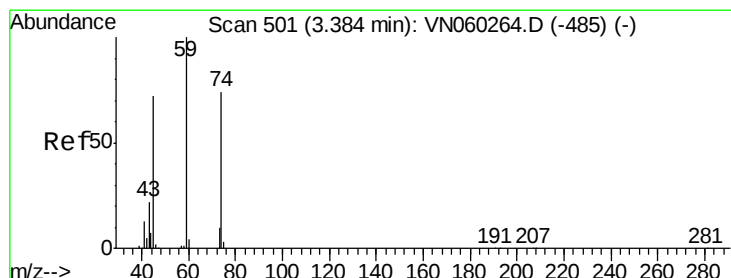
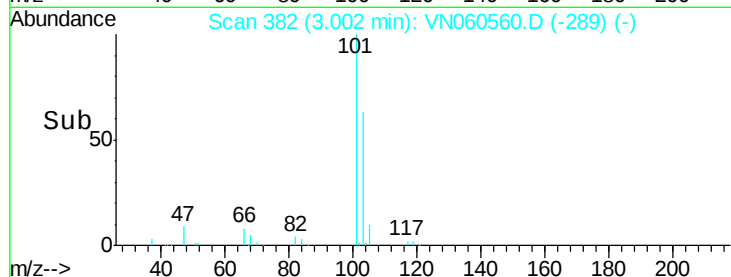
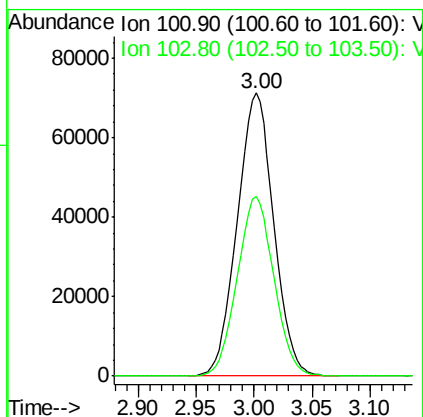
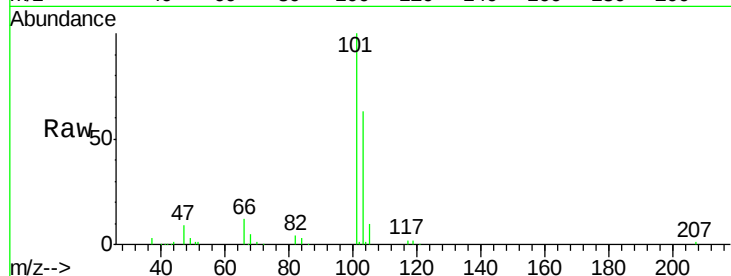
Trichlorofluoromethane
Concen: 42.568 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
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VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		155732		
103	63.3	51.3	76.9		

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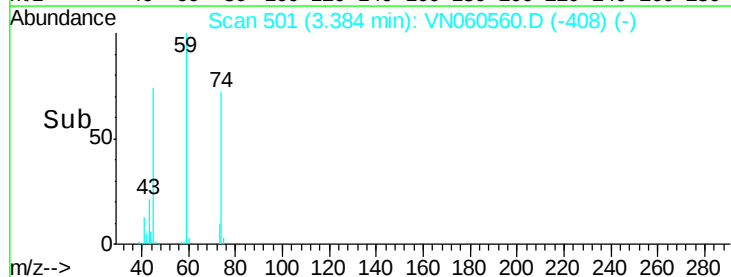
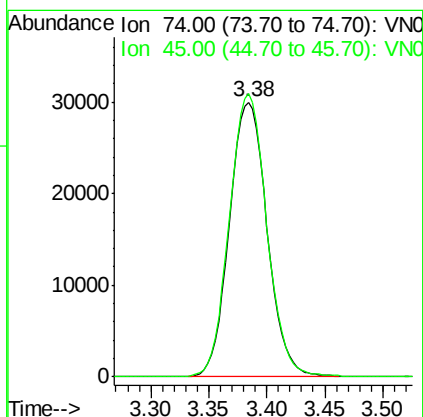
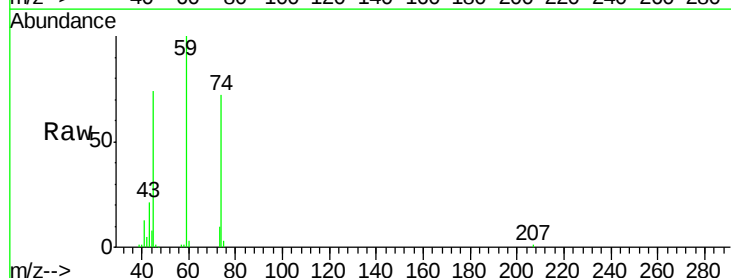
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3/18/2020 5:34:51 PM



#8

Diethyl Ether
Concen: 48.898 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060560.D
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Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		67543		
45	102.3	49.5	148.7		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.609 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

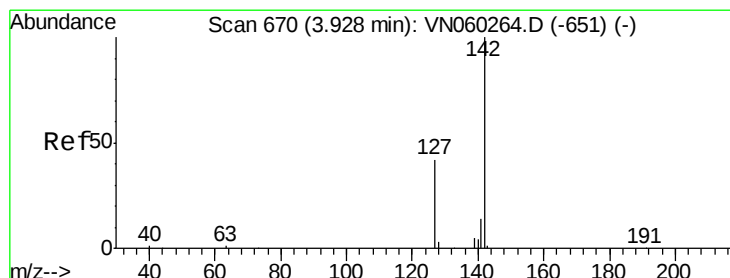
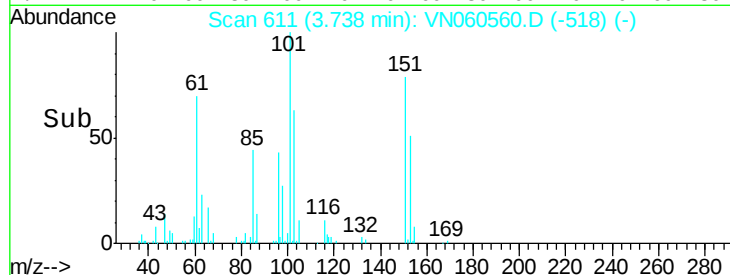
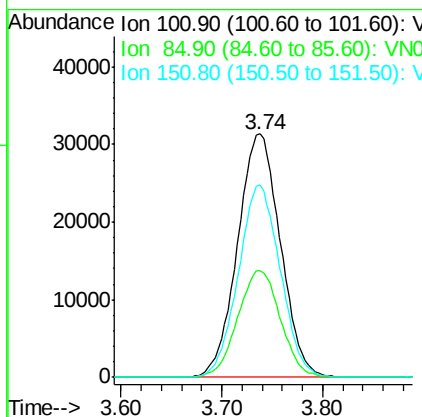
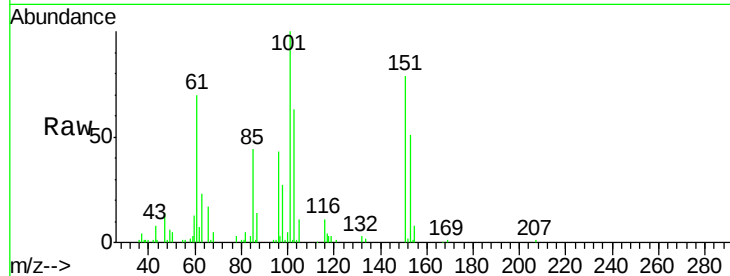
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	92361
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.4	53.2
151	77.3	62.0	93.0

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#10

Methyl Iodide

Concen: 35.071 ug/l

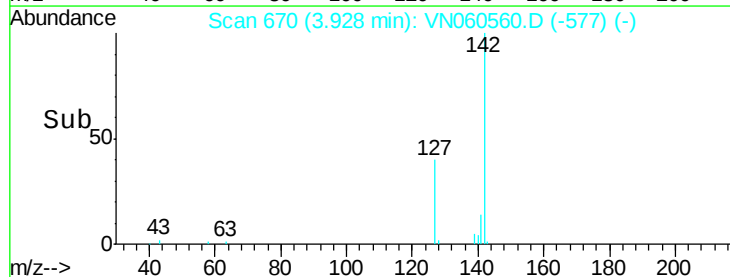
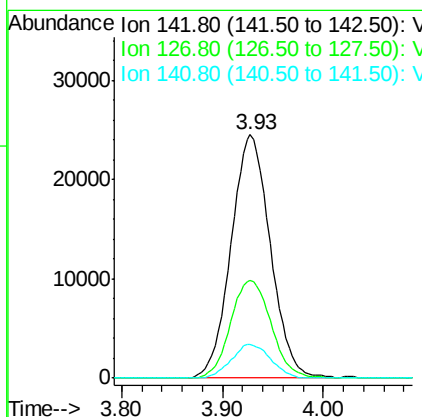
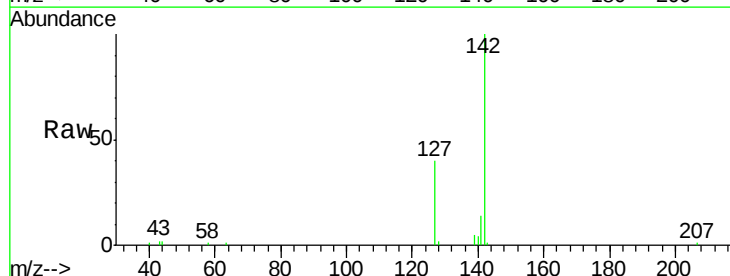
RT: 3.93 min Scan# 670

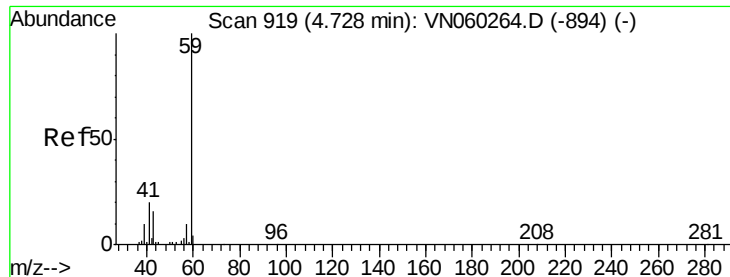
Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Tgt Ion:	142	Resp:	66271
Ion Ratio	Lower	Upper	
142	100		
127	41.4	33.8	50.6
141	13.8	11.1	16.7





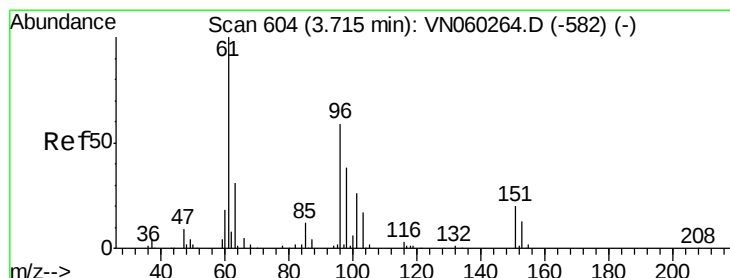
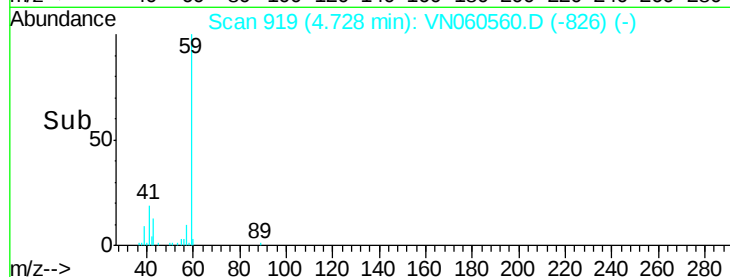
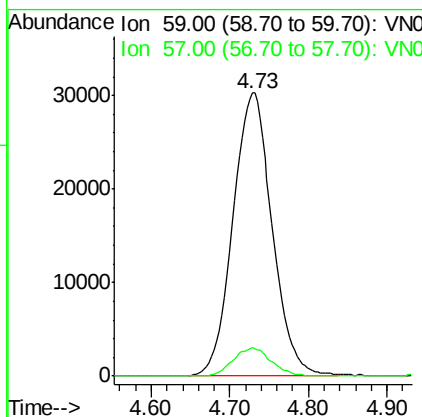
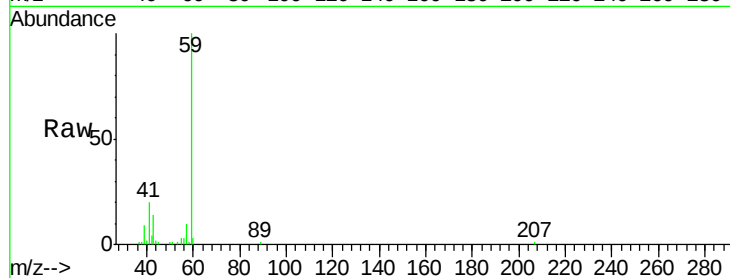
#11
Tert butyl alcohol
Concen: 264.983 ug/l
RT: 4.73 min Scan# 919
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.7	8.2	12.2

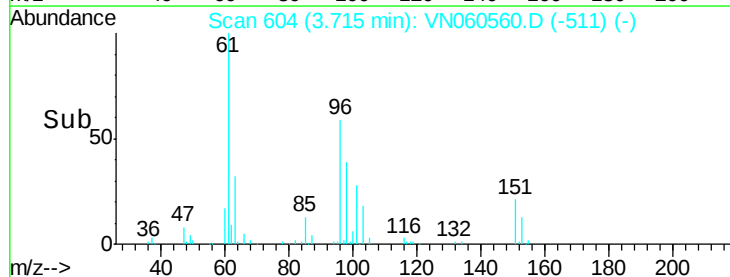
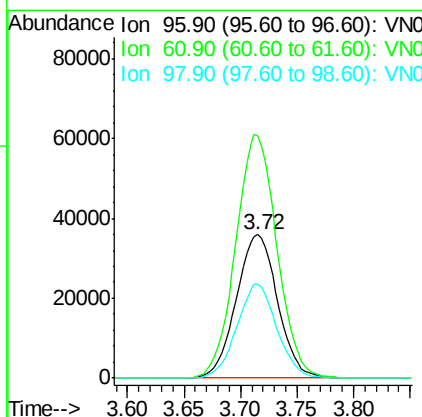
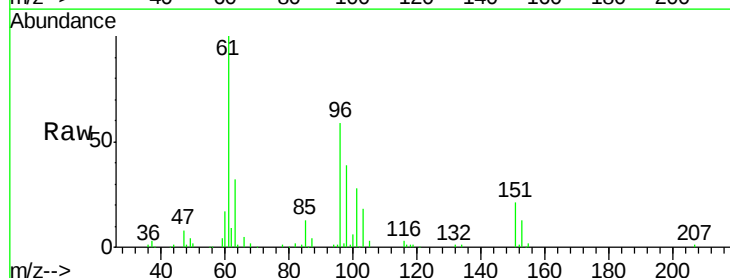
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 45.411 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.3	135.4	203.0
98	65.4	51.6	77.4





#13

Acrolein

Concen: 279.372 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 103857

Ion Ratio Lower Upper

56 100

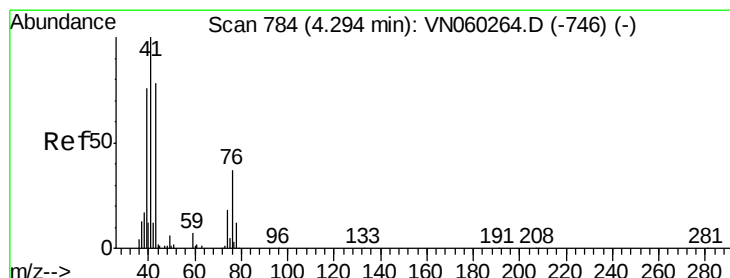
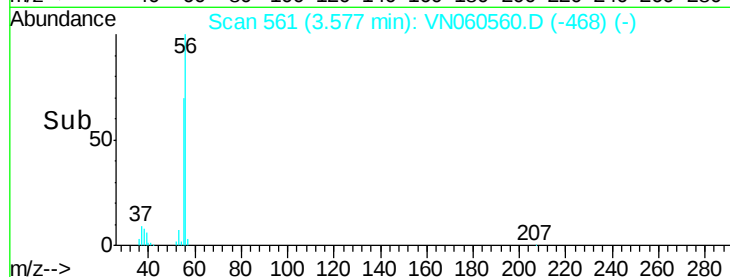
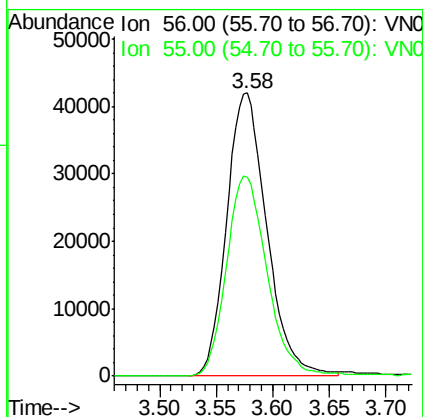
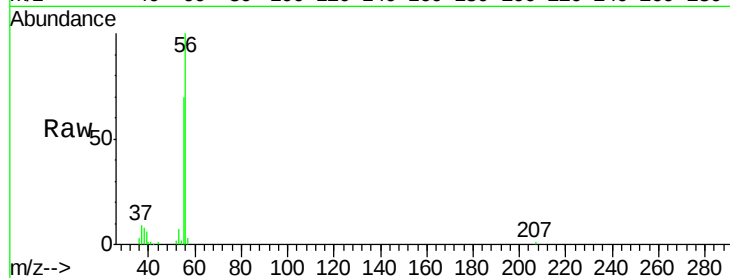
55 71.5 57.4 86.0

Manual Integrations

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#14

Allyl chloride

Concen: 45.729 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

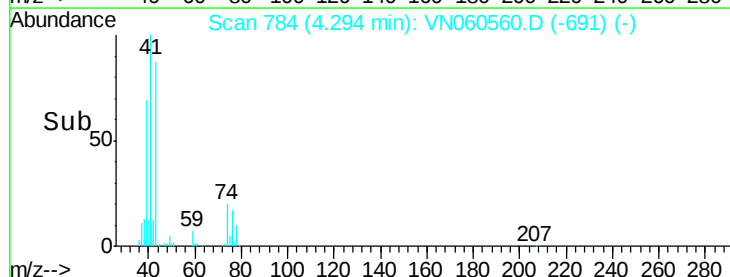
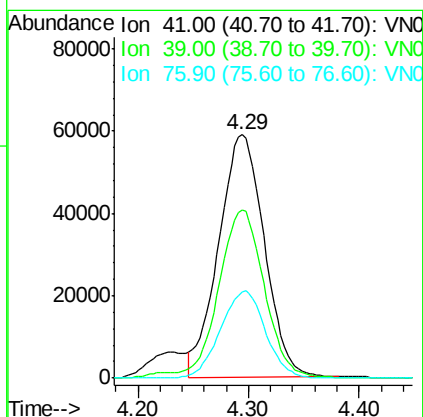
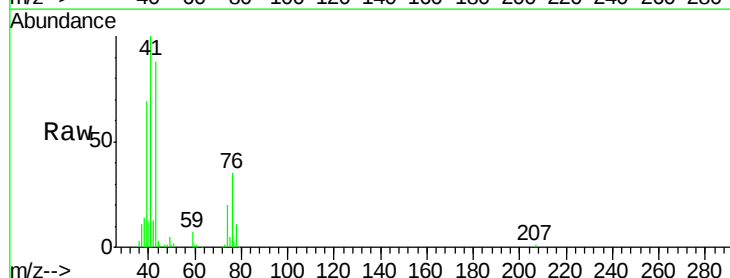
Tgt Ion: 41 Resp: 169433

Ion Ratio Lower Upper

41 100

39 69.0 55.4 83.2

76 35.4 27.0 40.6





#15

Acrylonitrile

Concen: 290.876 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

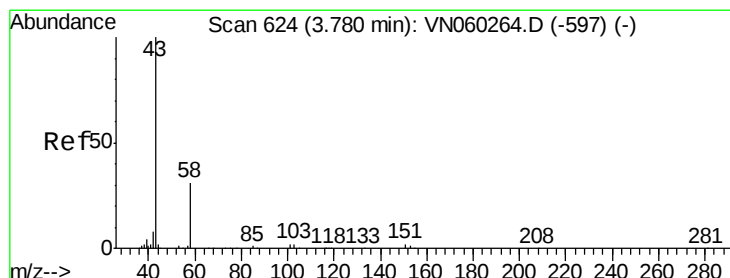
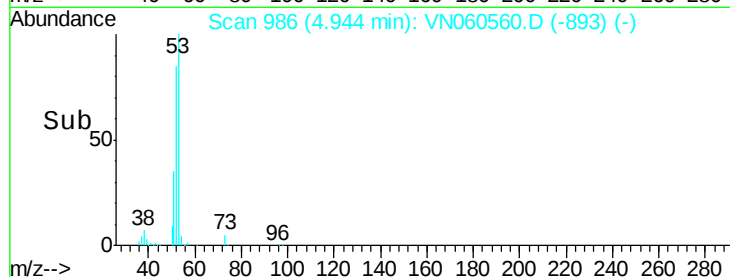
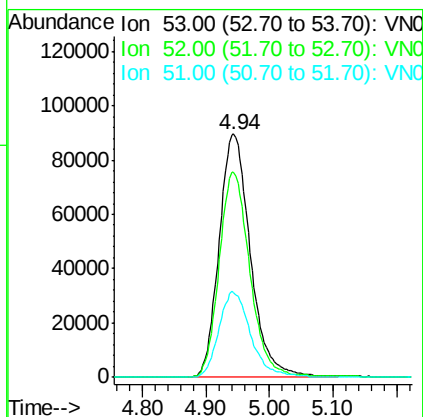
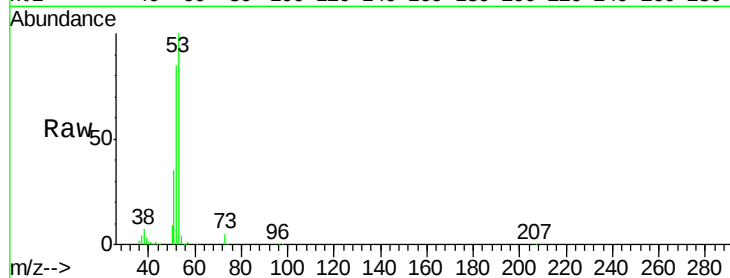
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	305517
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.8	100.2
51	36.1	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 280.932 ug/l

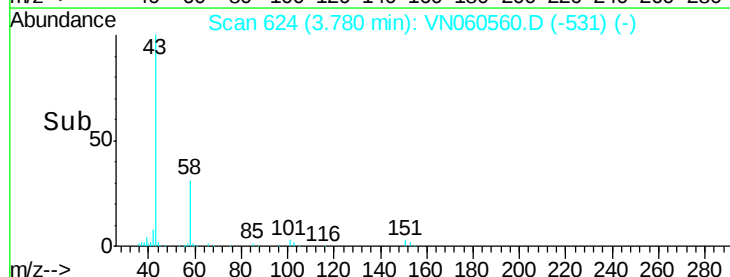
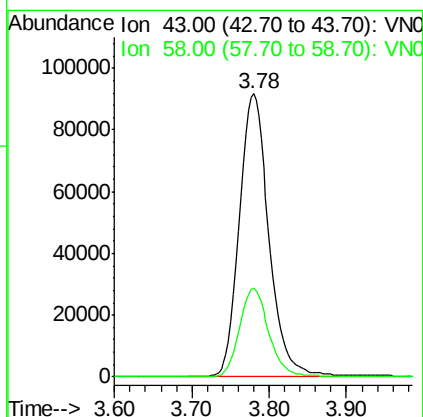
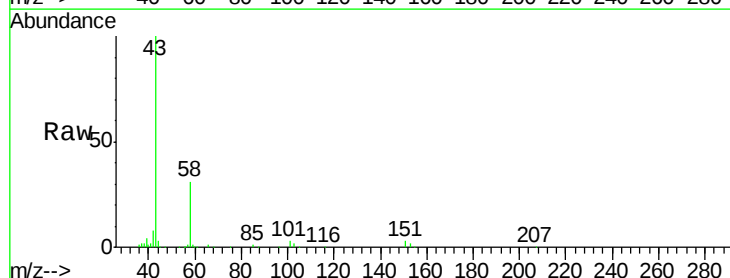
RT: 3.78 min Scan# 624

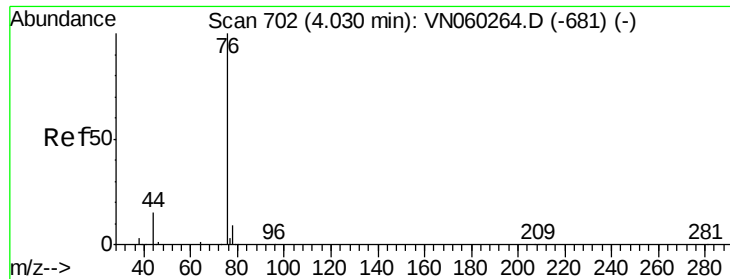
Delta R.T. 0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Tgt Ion:	43	Resp:	243464
Ion	Ratio	Lower	Upper
43	100		
58	31.3	24.6	36.8





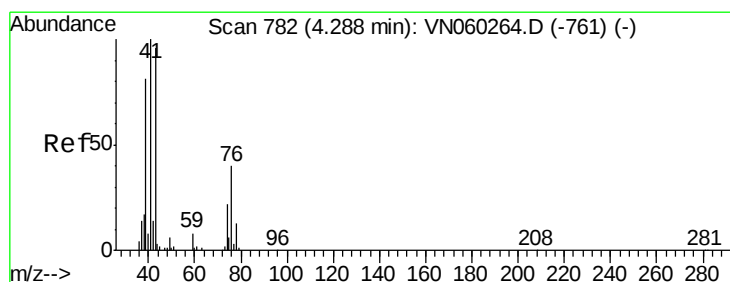
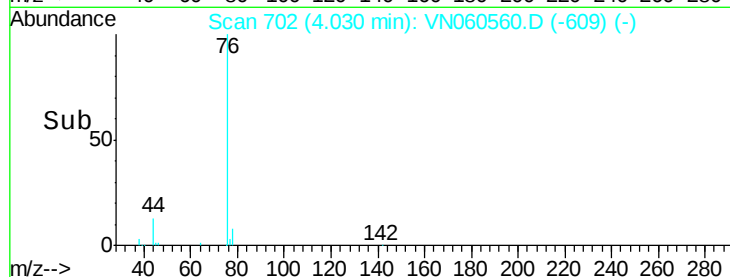
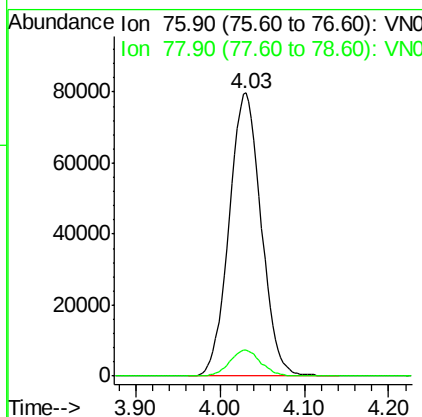
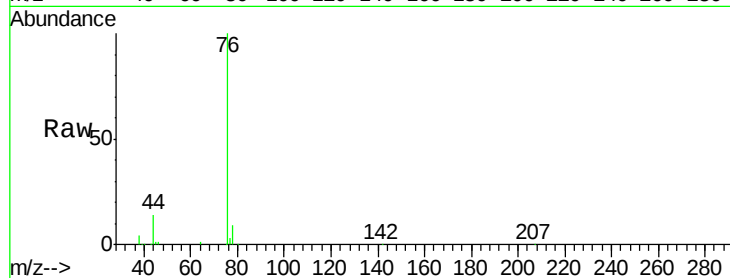
#17
Carbon Disulfide
Concen: 39.458 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

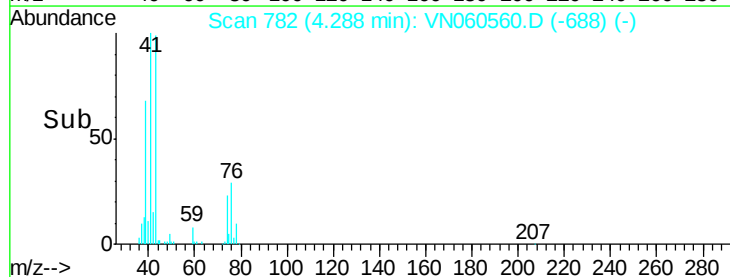
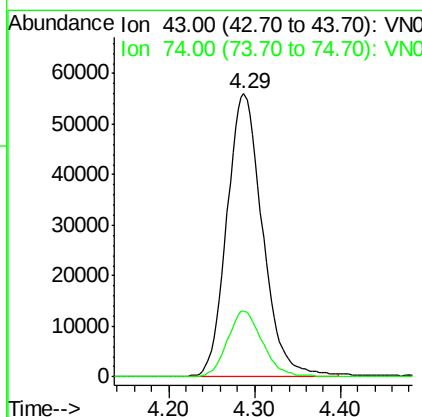
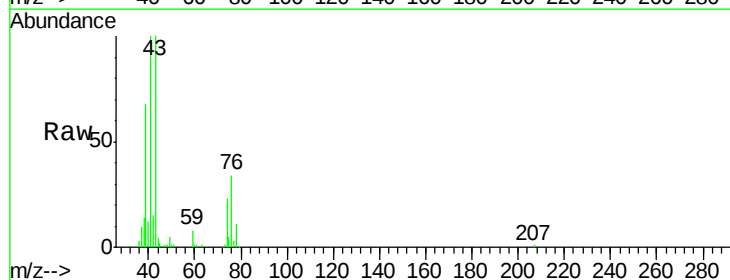
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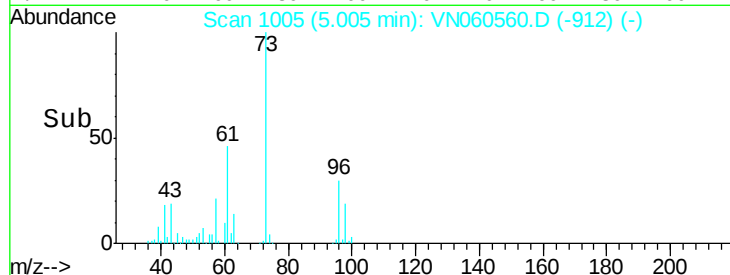
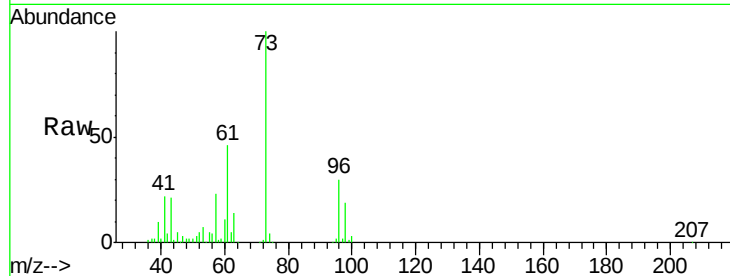
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#18
Methyl Acetate
Concen: 55.269 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.8	28.2





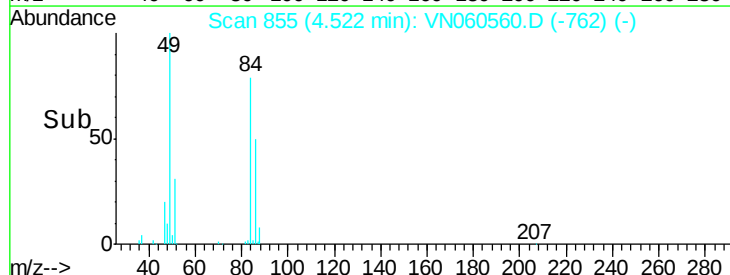
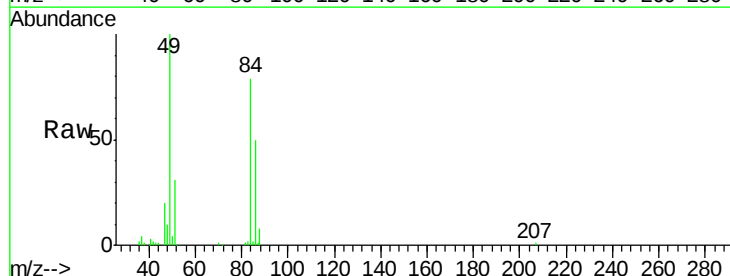
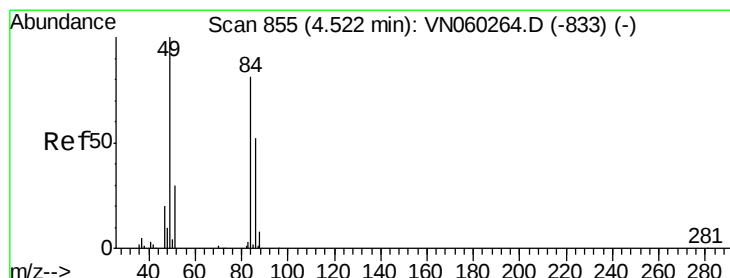
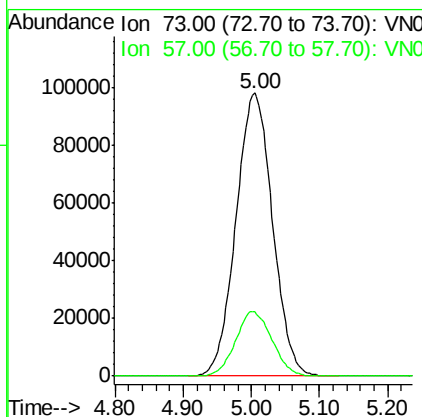
#19
Methvl tert-butvl Ether
Concen: 50.042 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tot Ion	73	Resp	365106
Ion Ratio	100	Lower	Upper
73	100		
57	22.6	17.3	25.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

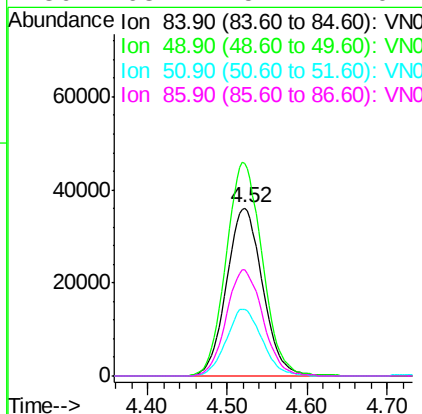
Manual Integrations
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#20
Methylene Chloride
Concen: 46.581 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	84	Resp	110864
Ion Ratio	100	Lower	Upper
84	100		
49	126.6	99.3	148.9
51	39.4	30.1	45.1
86	63.4	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 45.187 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 97649

Ion Ratio Lower Upper

96 100

61 150.1 113.8 170.8

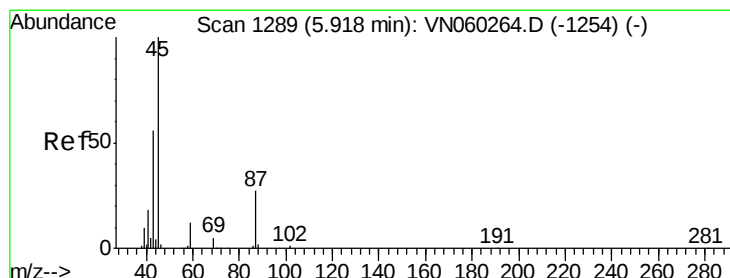
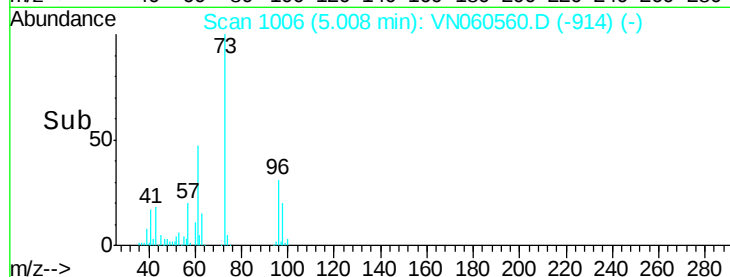
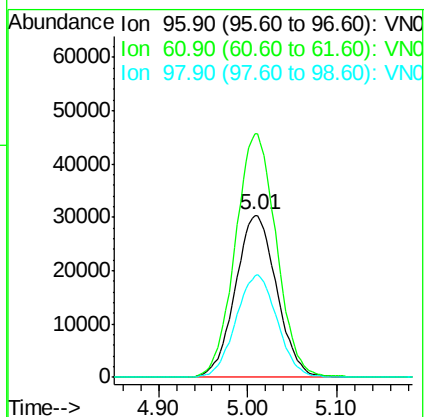
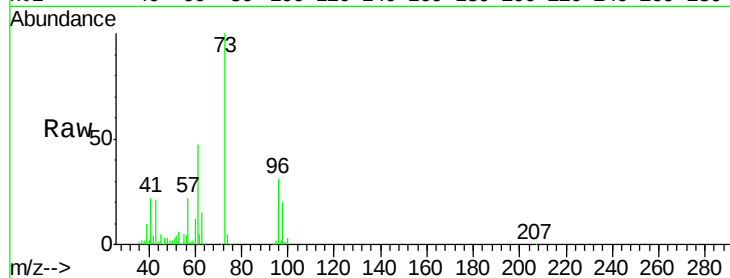
98 62.2 48.8 73.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 53.390 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Tgt Ion: 45 Resp: 400694

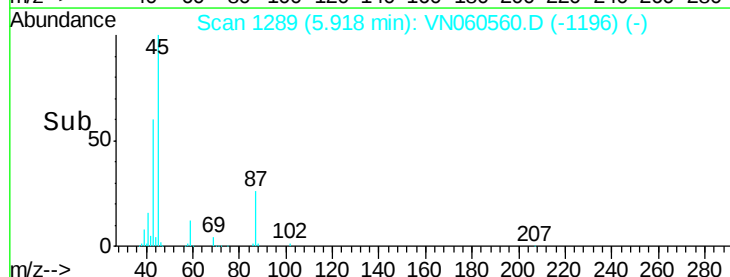
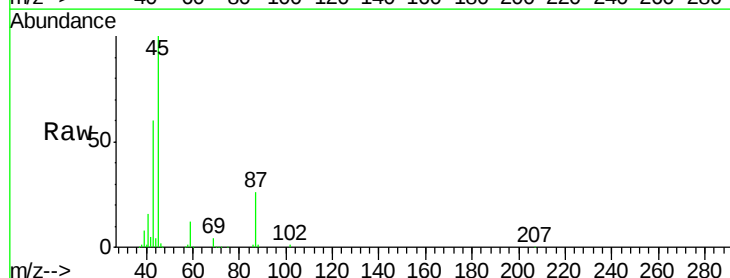
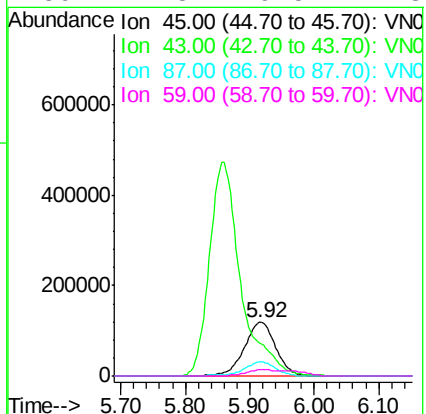
Ion Ratio Lower Upper

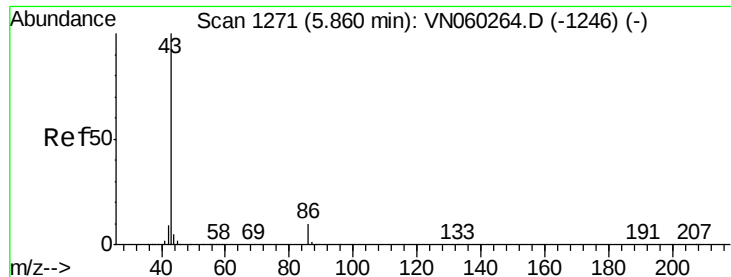
45 100

43 58.9 48.6 72.8

87 26.0 22.2 33.2

59 11.8 9.5 14.3





#23

Vinyl Acetate

Concen: 268.496 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1601246

Ion Ratio Lower Upper

43 100

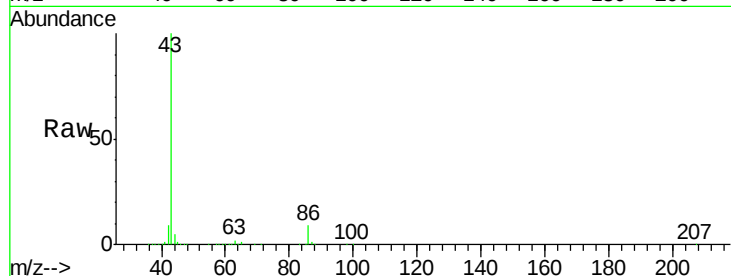
86 9.4 8.0 12.0

Manual Integrations

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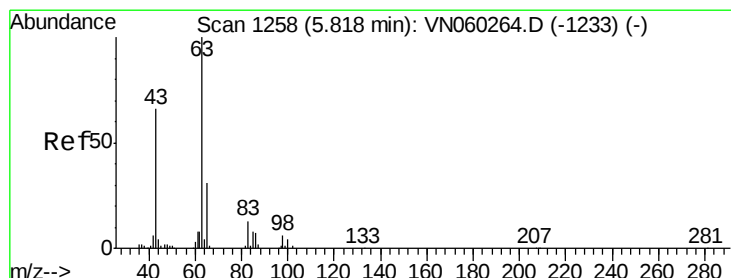
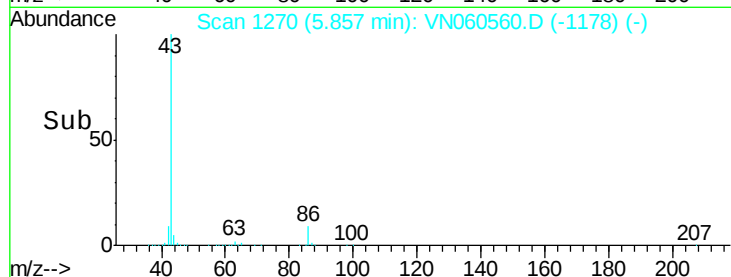
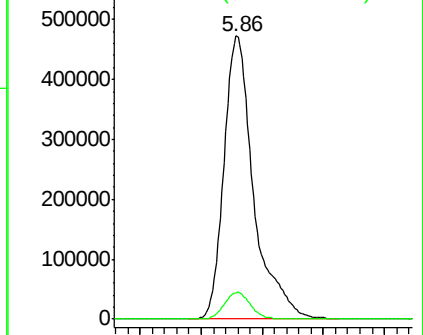
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 49.786 ug/l

RT: 5.81 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

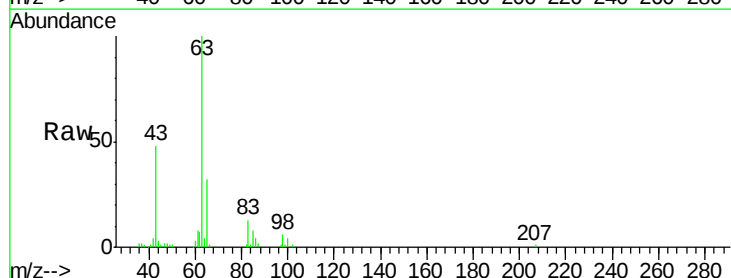
Tgt Ion: 63 Resp: 211510

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.0

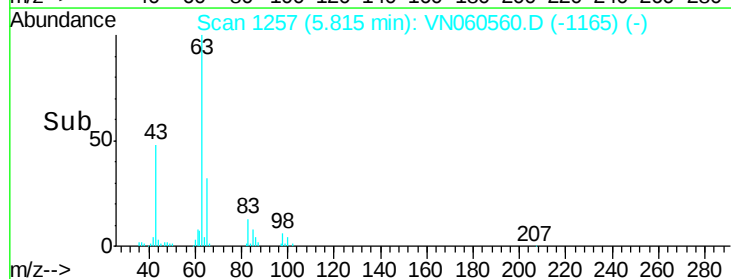
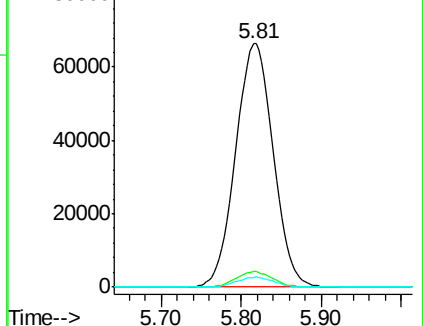
100 4.0 2.0 6.0



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: 292.461 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 409391

Ion Ratio Lower Upper

43 100

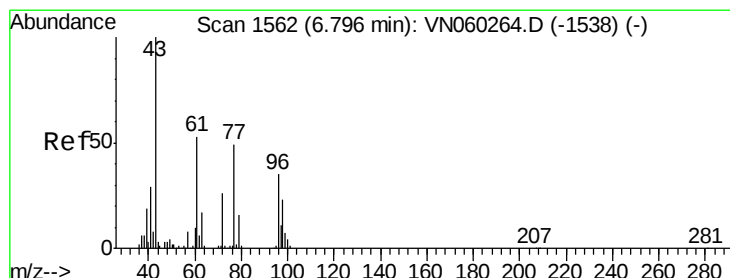
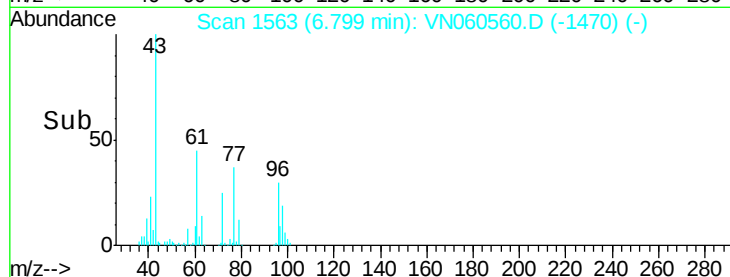
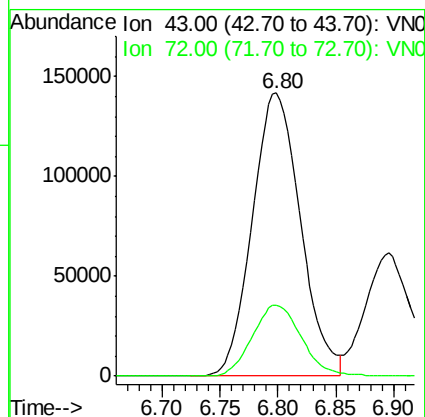
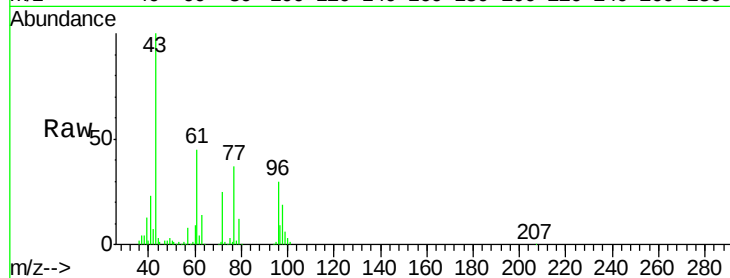
72 25.1 20.9 31.3

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.243 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060560.D

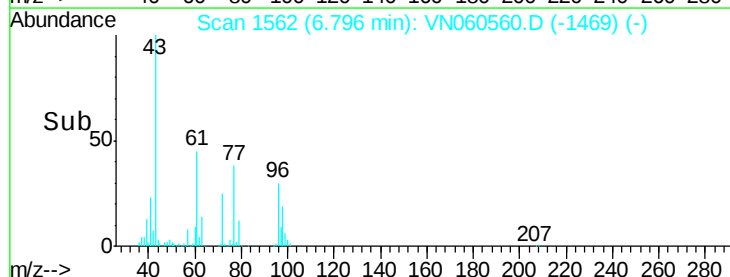
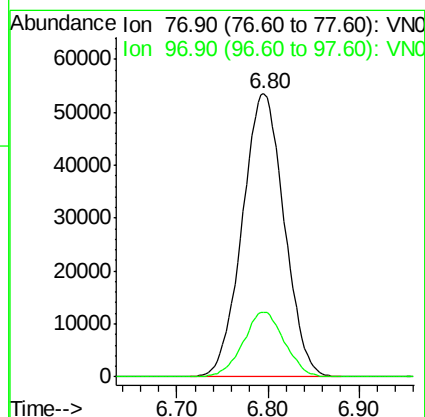
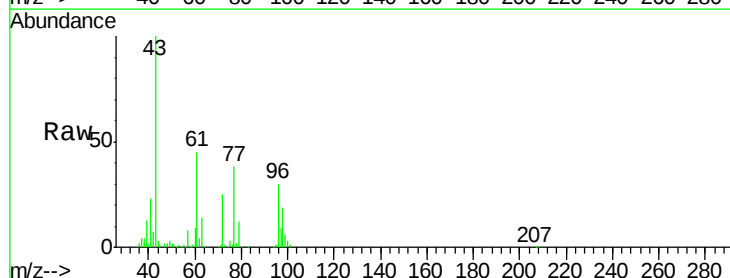
Acq: 17 Mar 2020 16:34

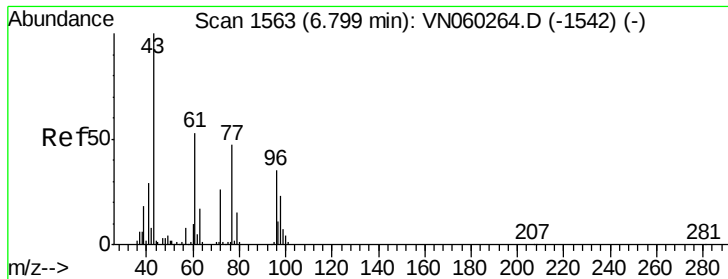
Tgt Ion: 77 Resp: 171114

Ion Ratio Lower Upper

77 100

97 22.5 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 44.984 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

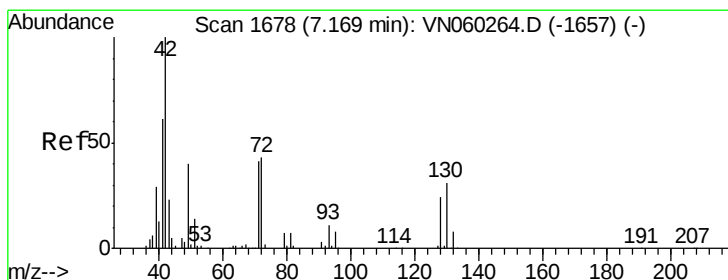
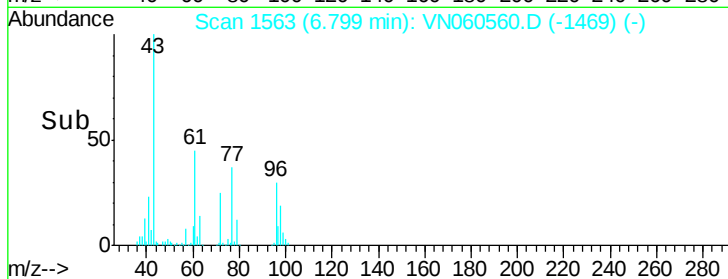
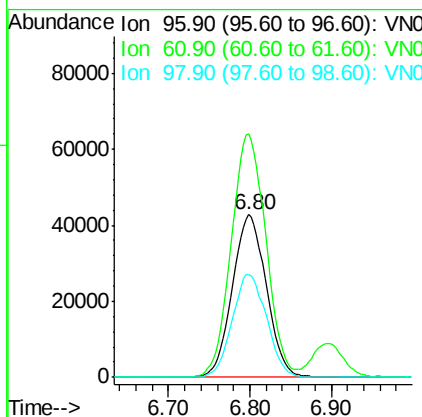
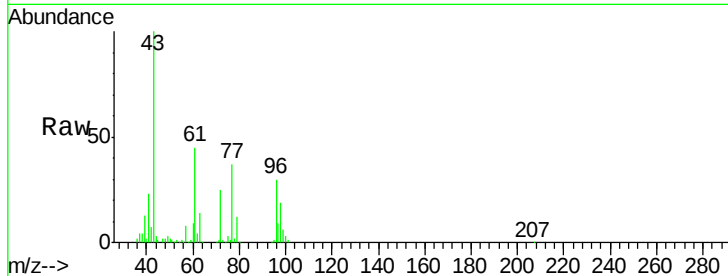
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	124146
Ion	Ratio	Lower	Upper
96	100		
61	152.4	0.0	300.8
98	63.9	0.0	128.2

Manual Integrations
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#28

Bromochloromethane

Concen: 51.224 ug/l

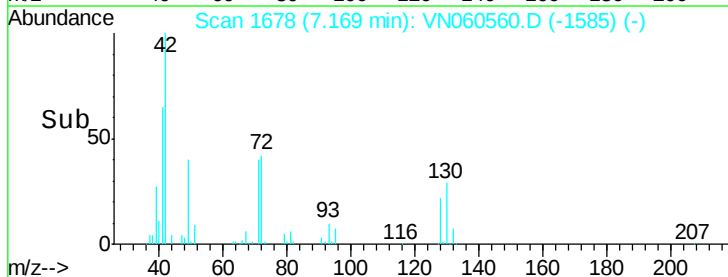
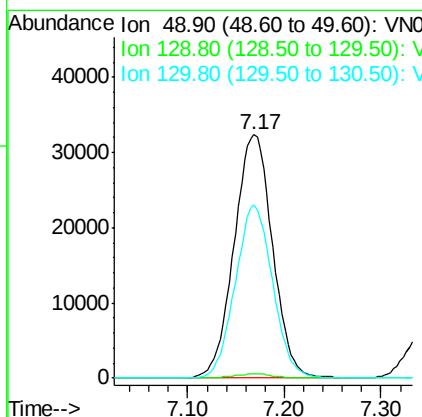
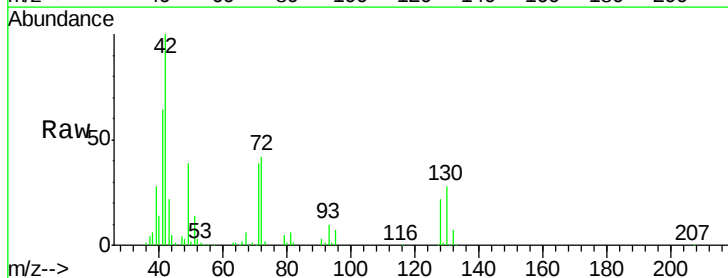
RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Tgt Ion:	49	Resp:	89350
Ion	Ratio	Lower	Upper
49	100		
129	1.6	0.0	3.8
130	69.1	59.8	89.8





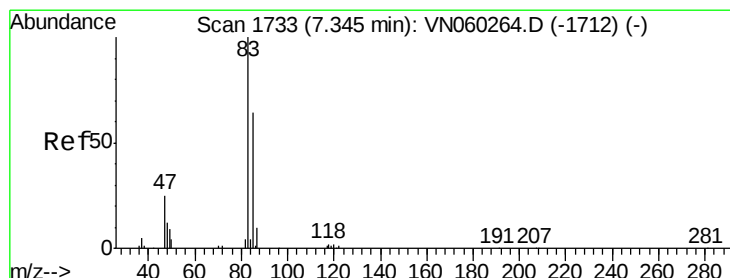
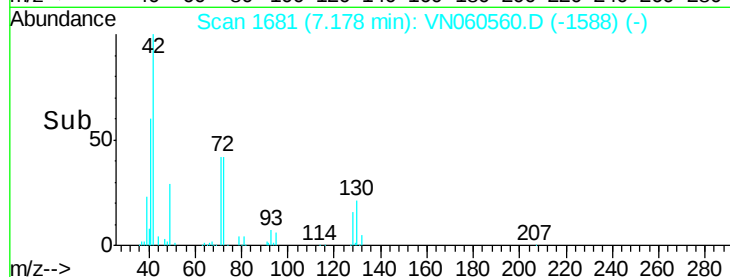
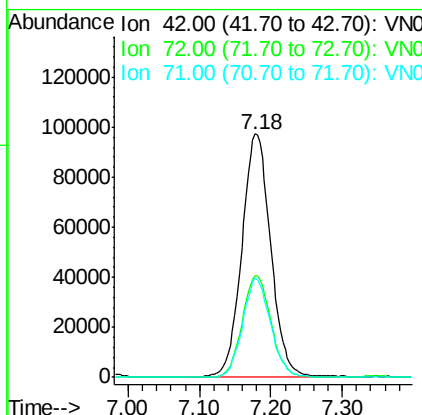
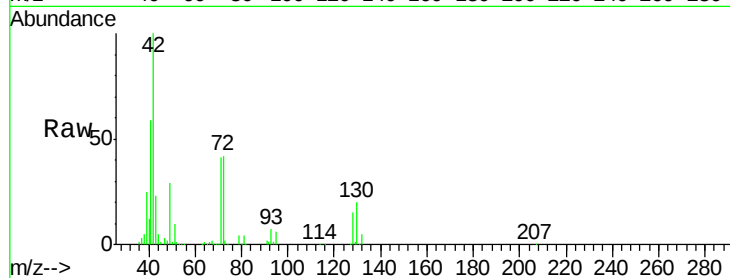
#29
Tetrahydrofuran
Concen: 282.572 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.6	34.6	52.0
71	39.1	32.9	49.3

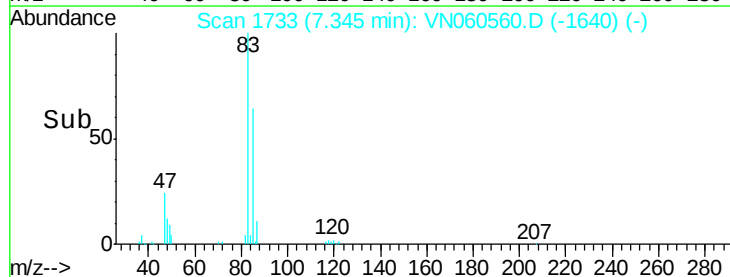
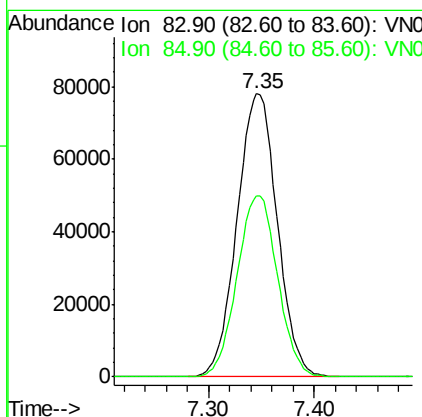
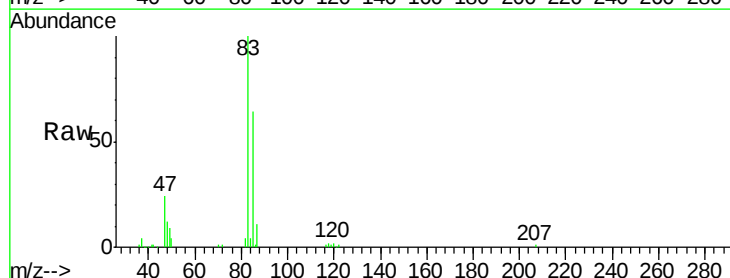
Manual Integrations
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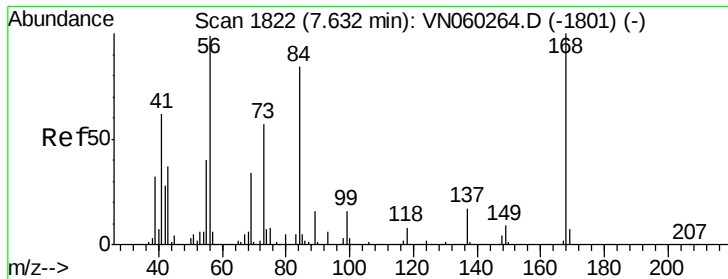
MMDadoda
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#30
Chloroform
Concen: 49.004 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.2





#31

Cyclohexane

Concen: 46.632 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

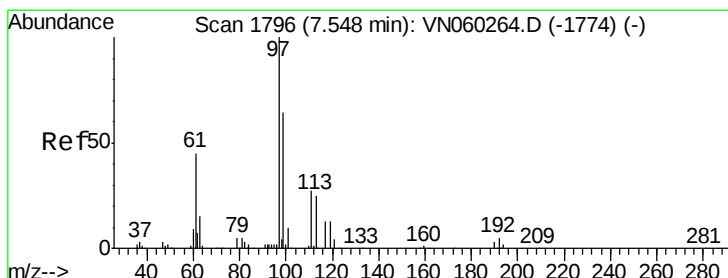
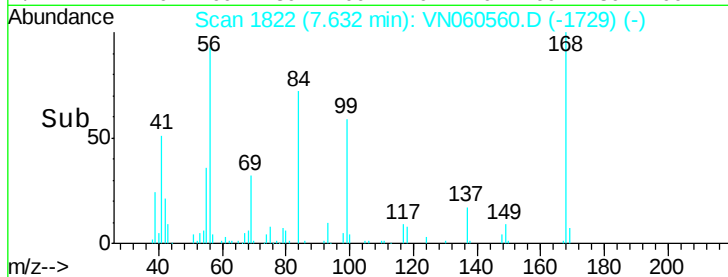
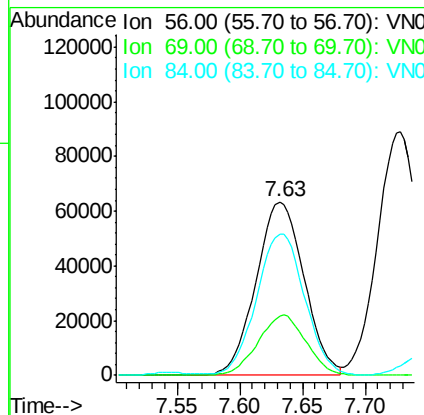
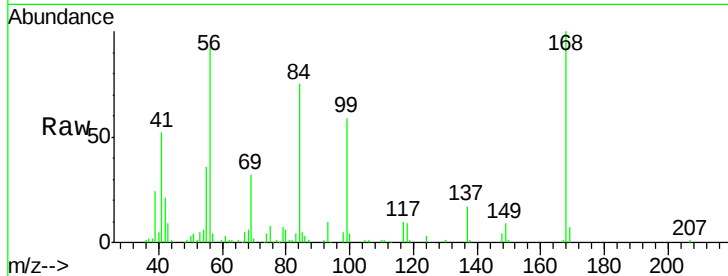
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	169387
Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.2	40.8
84	80.0	66.7	100.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.536 ug/l

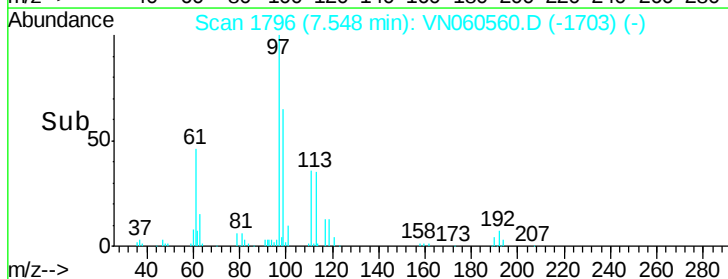
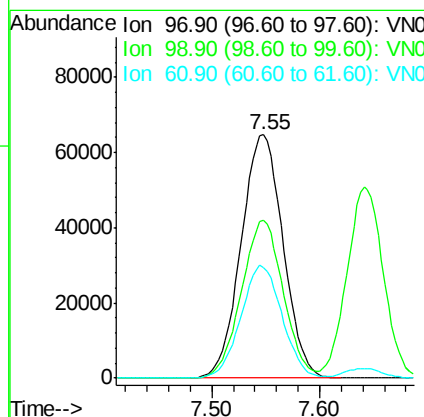
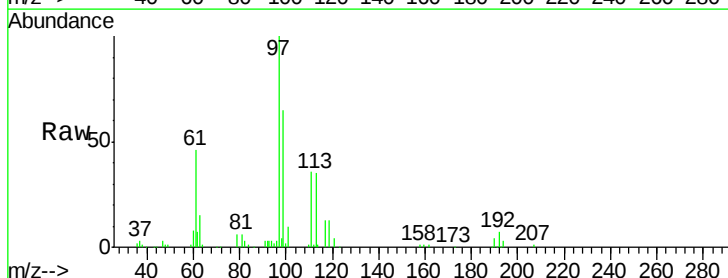
RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Tgt Ion:	97	Resp:	174372
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	45.5	36.6	55.0





#33

1,2-Dichloroethane-d4

Concen: 49.678 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 133317

Ion Ratio Lower Upper

65 100

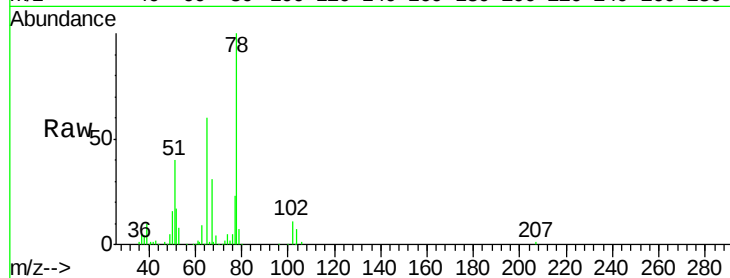
67 52.5 0.0 103.8

Manual Integrations

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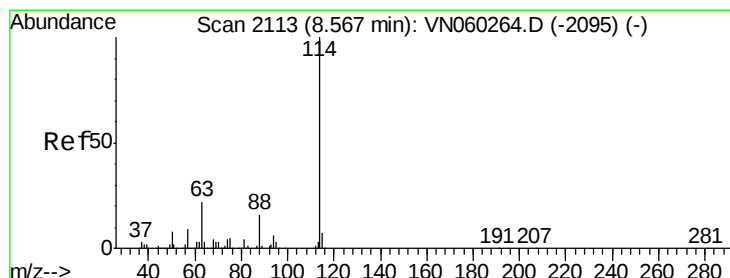
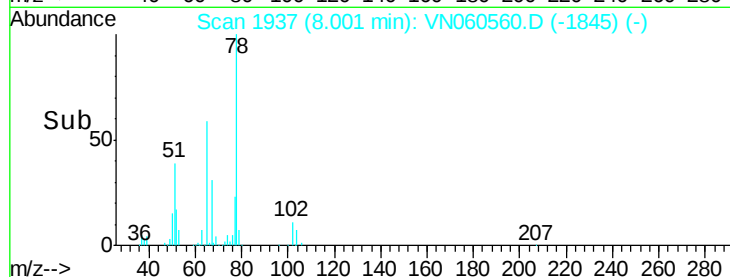
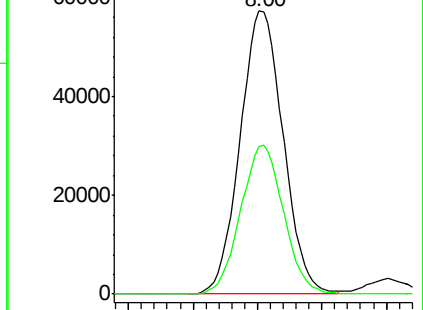
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Abundance Ion 64.90 (64.60 to 65.60): VN060560.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060560.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

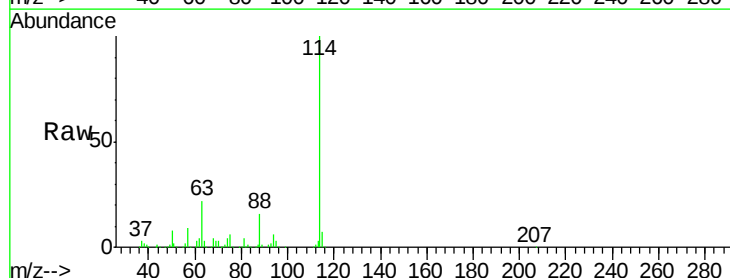
Tgt Ion: 114 Resp: 357741

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.2

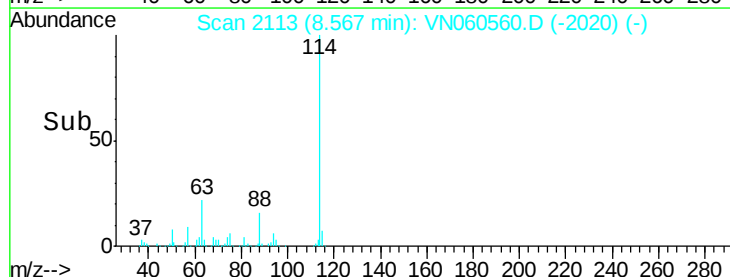
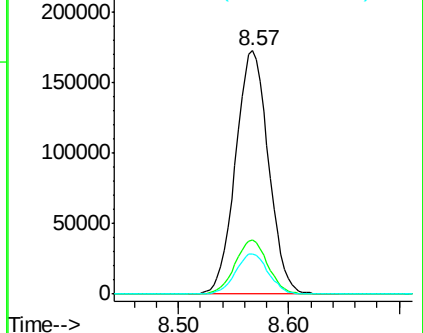
88 16.5 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN060560.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060560.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060560.D (-2020) (-)





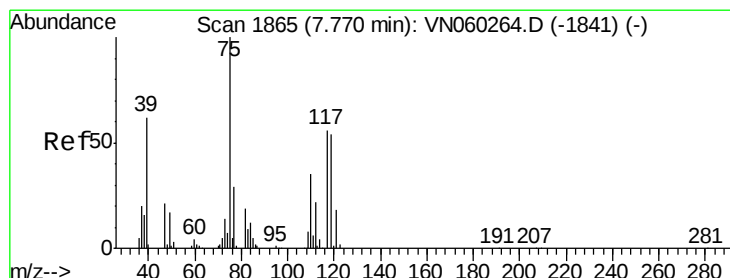
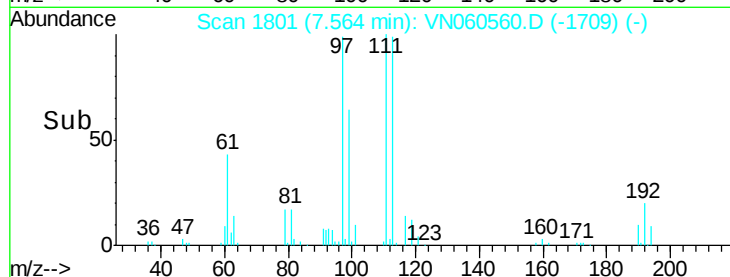
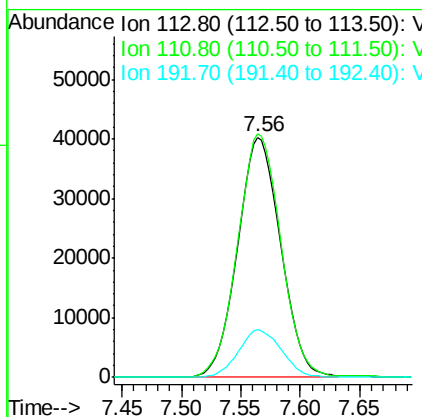
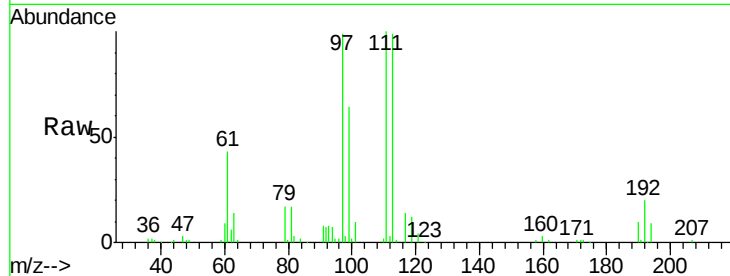
#35
 Dibromofluoromethane
 Concen: 60.831 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.4	123.6
192	19.8	16.2	24.2

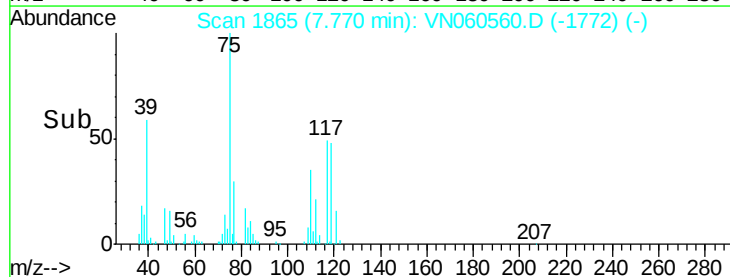
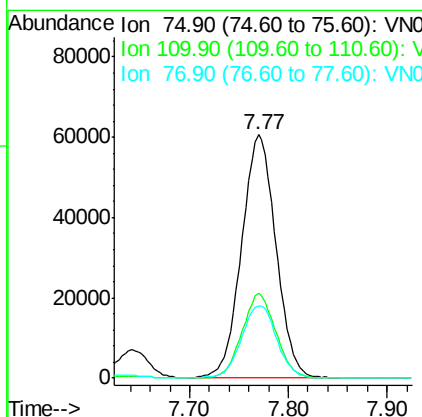
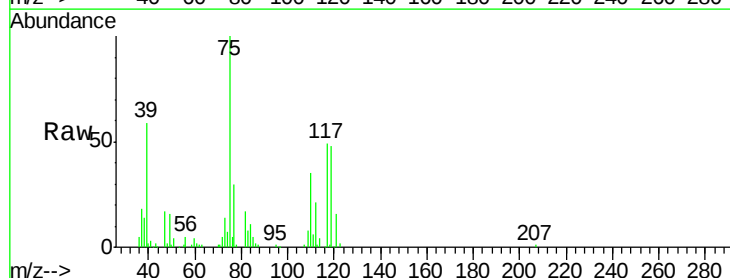
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 42.813 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	17.3	52.0
77	30.6	24.2	36.2





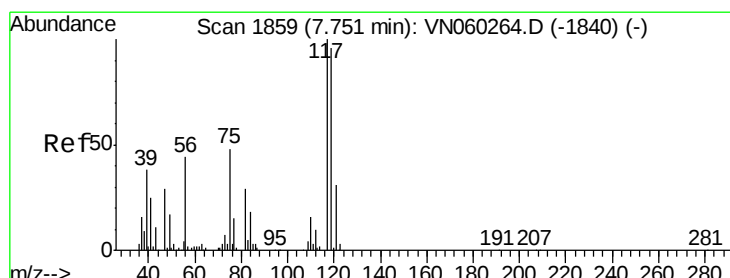
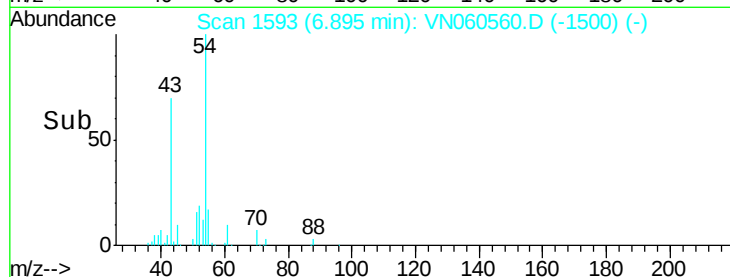
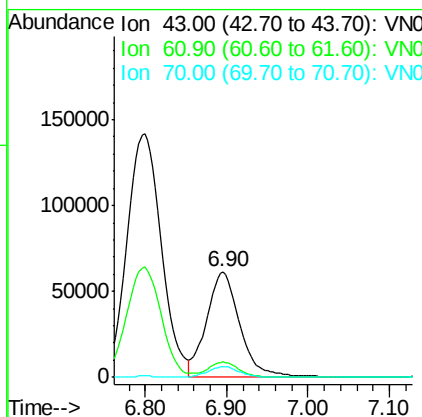
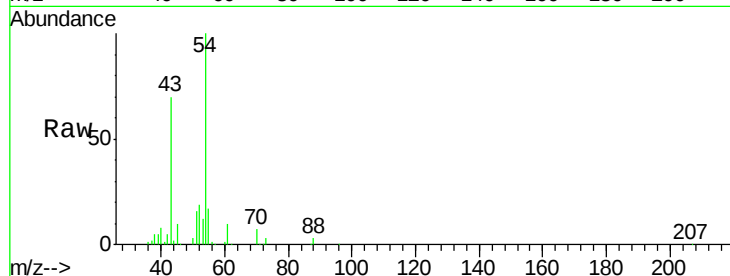
#37
Ethyl Acetate
Concen: 53.795 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	11.1	16.7
70	10.0	8.4	12.6

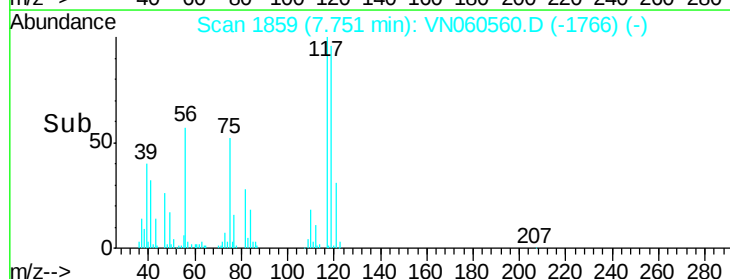
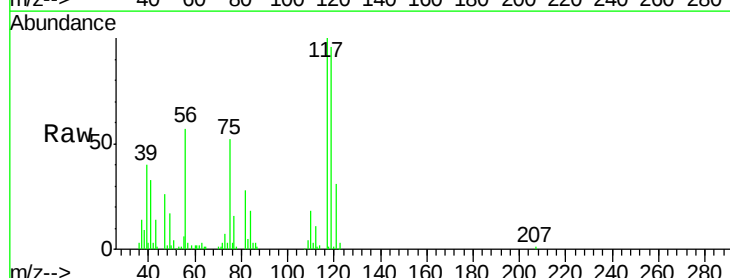
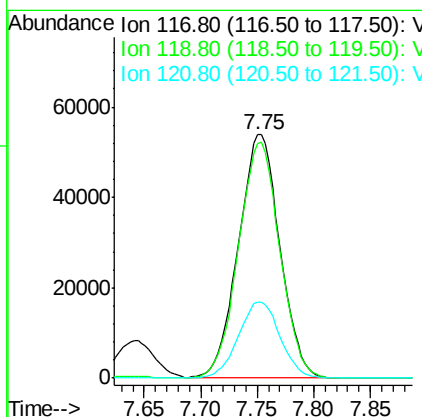
Manual Integrations
APPROVED

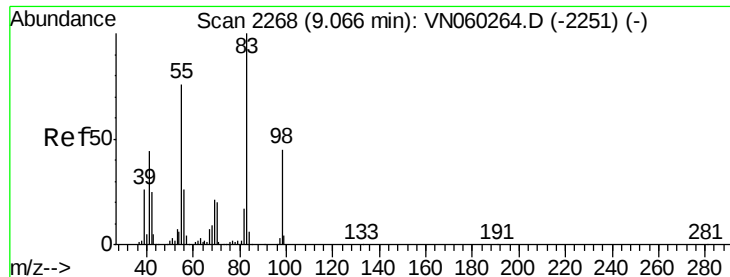
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#38
Carbon Tetrachloride
Concen: 41.385 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	76.7	115.1
121	31.3	24.5	36.7





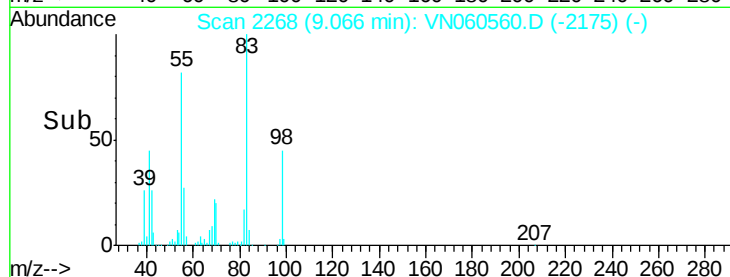
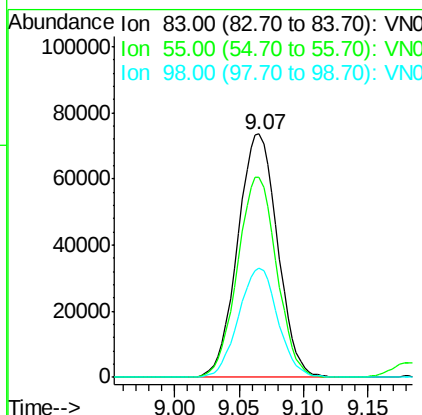
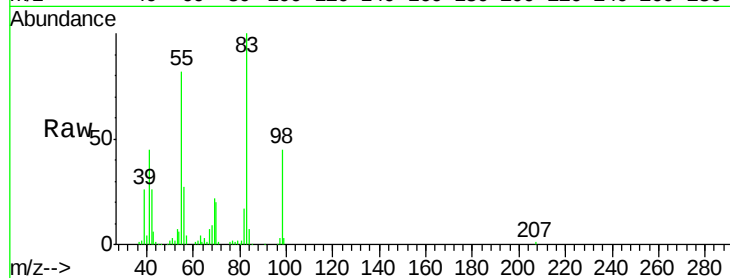
#39
Methvlcvclohexane
Concen: 39.503 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	61.0	91.4
98	45.0	36.1	54.1

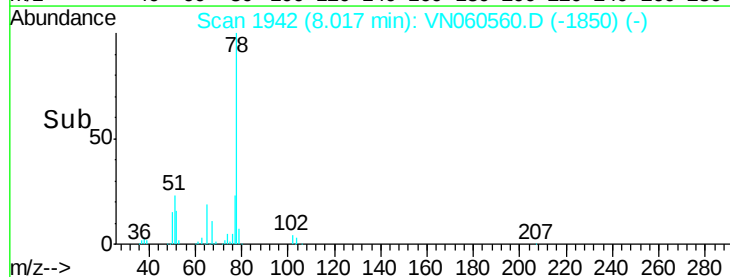
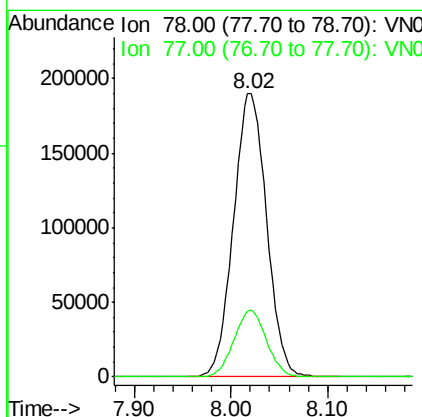
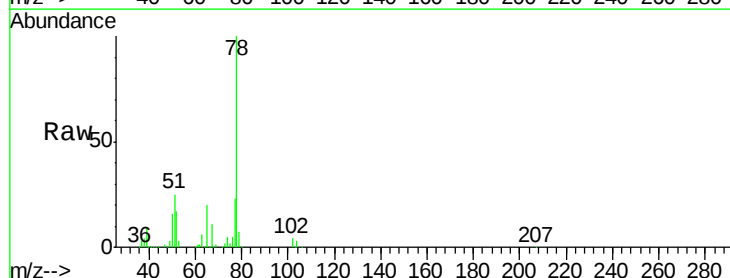
Manual Integrations
APPROVED

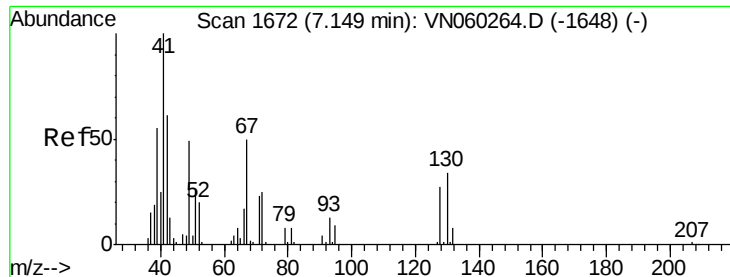
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#40
Benzene
Concen: 45.576 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.8	28.2





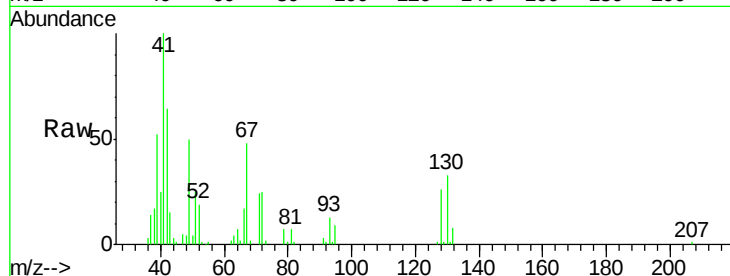
#41
Methacrylonitrile
Concen: 56.000 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

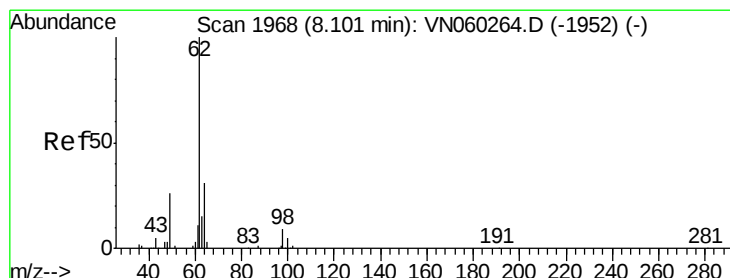
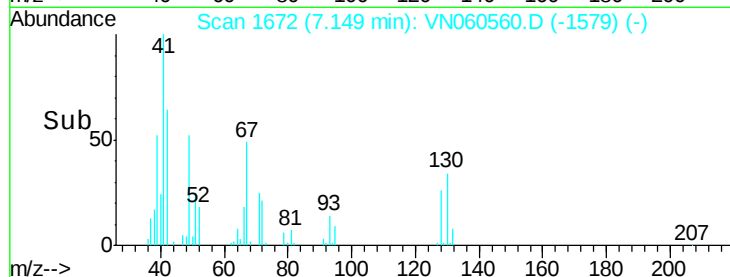
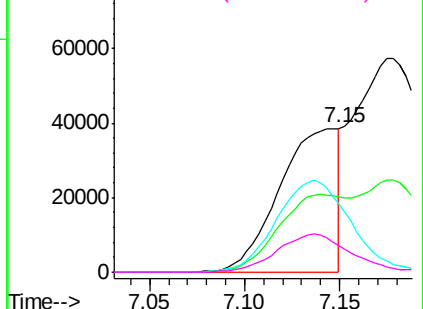
Tot Ion	41	Resp	83476
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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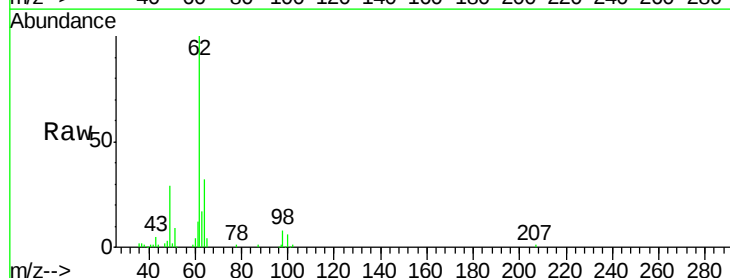


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

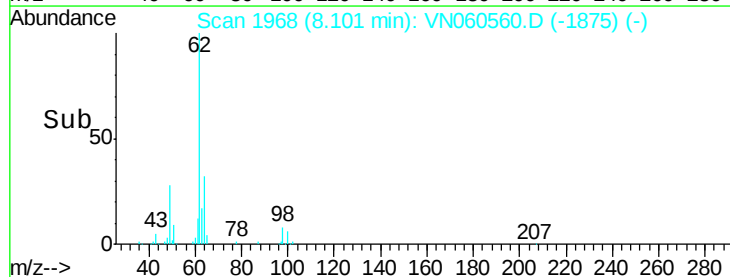
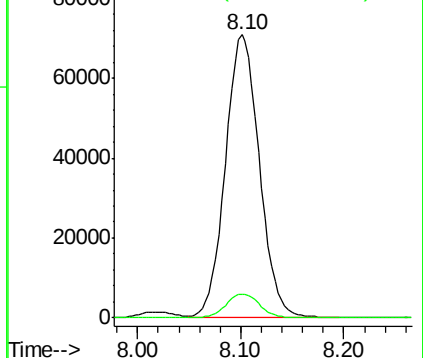


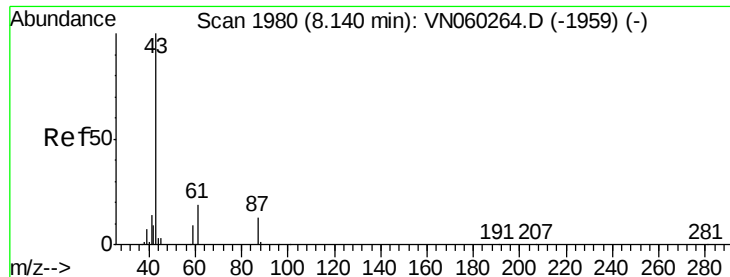
#42
1,2-Dichloroethane
Concen: 45.474 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	62	Resp	162840
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 52.487 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

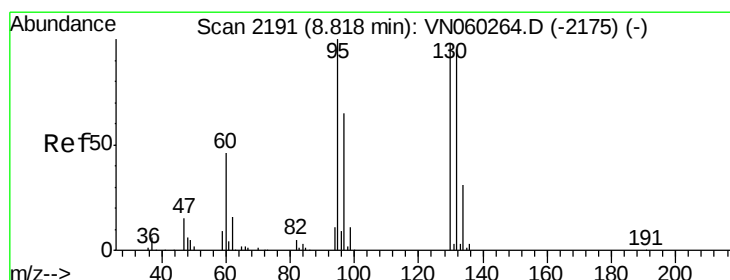
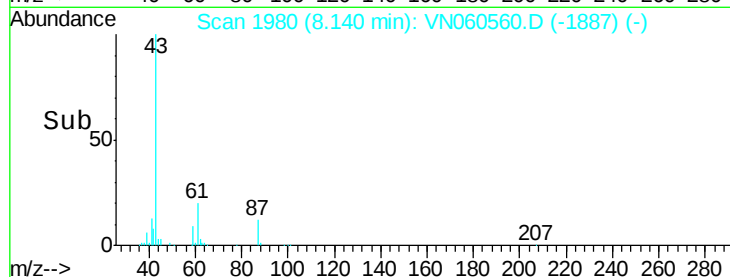
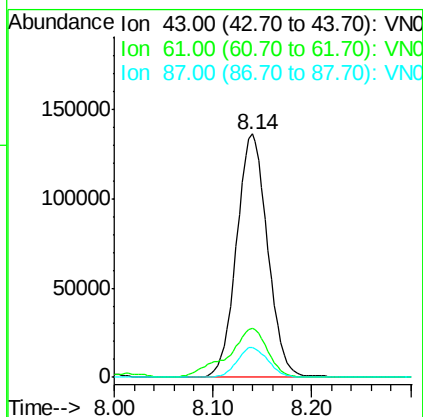
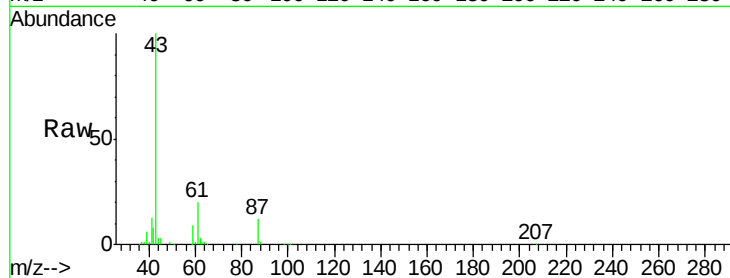
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	296644
Ion	Ratio	Lower	Upper
43	100		
61	25.8	20.9	31.3
87	12.3	10.6	16.0

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#44

Trichloroethene

Concen: 41.337 ug/l

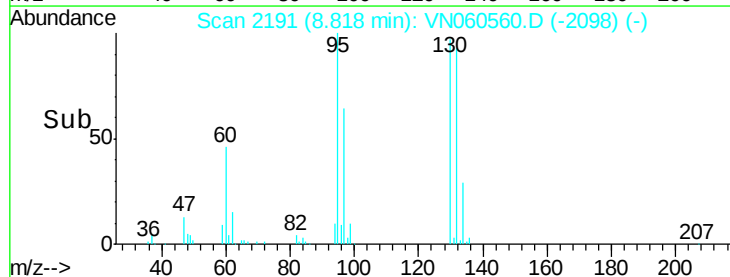
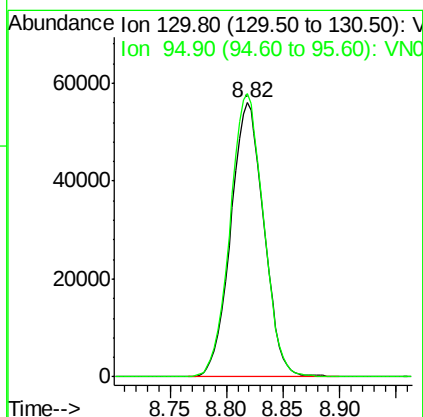
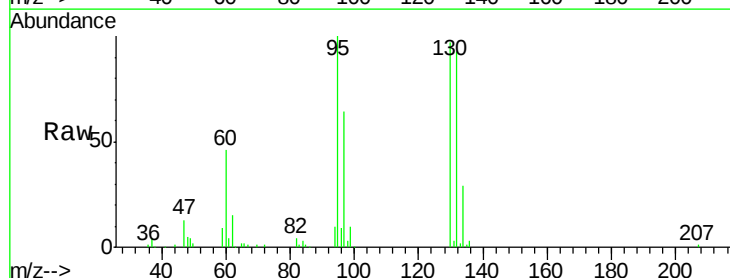
RT: 8.82 min Scan# 2191

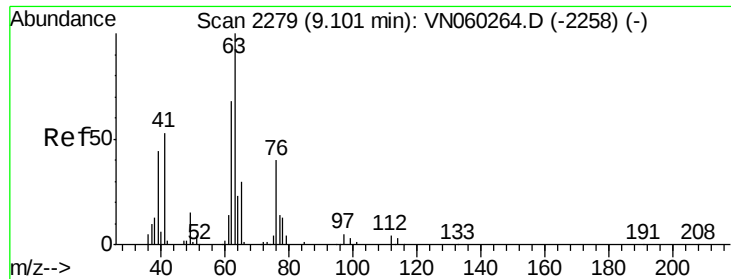
Delta R.T. 0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Tgt Ion:	130	Resp:	114246
Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	203.4





#45

1,2-Dichloropropane

Concen: 50.281 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 130454

Ion Ratio Lower Upper

63 100

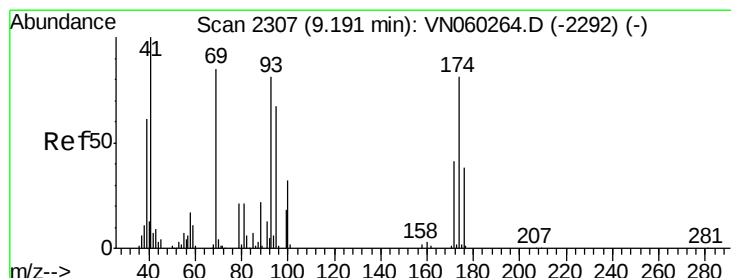
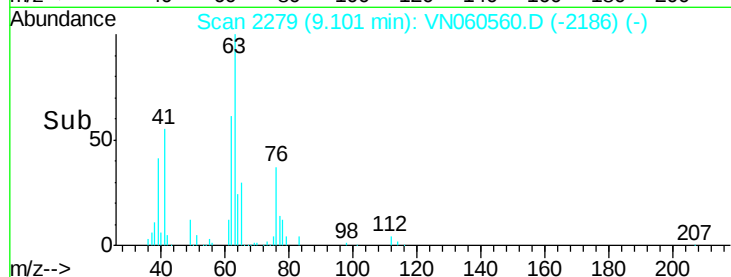
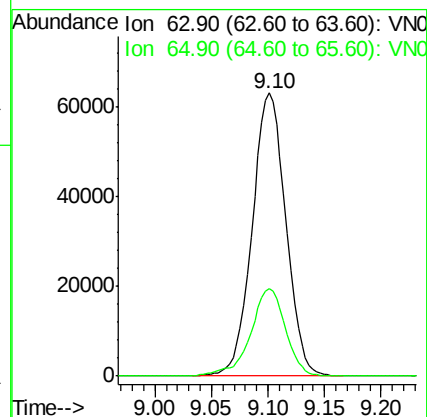
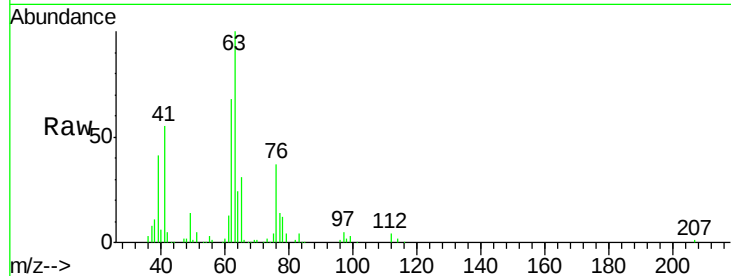
65 30.9 24.4 36.6

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#46

Dibromomethane

Concen: 45.656 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

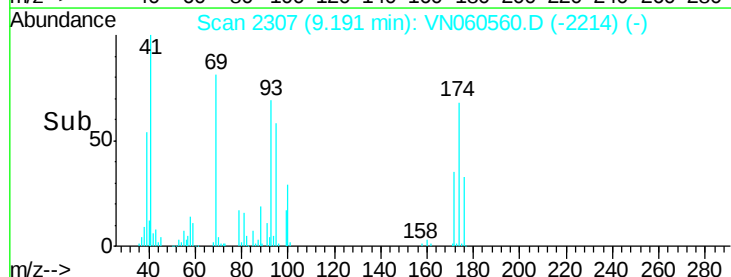
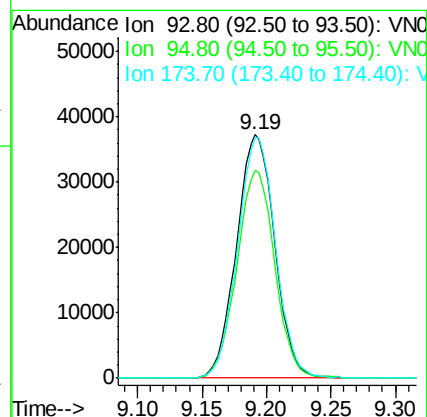
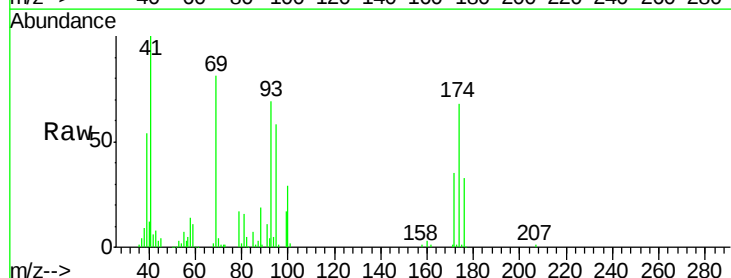
Tgt Ion: 93 Resp: 76861

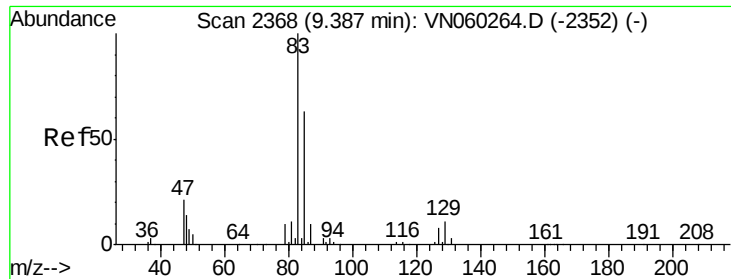
Ion Ratio Lower Upper

93 100

95 84.4 65.9 98.9

174 98.2 79.6 119.4





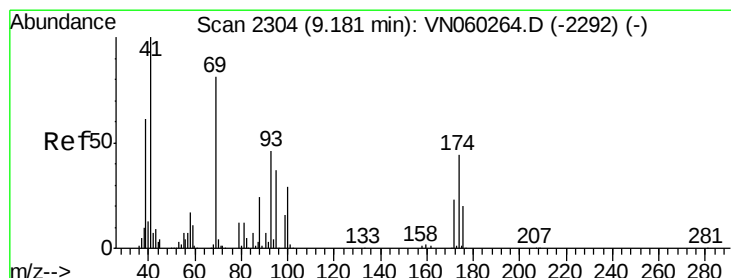
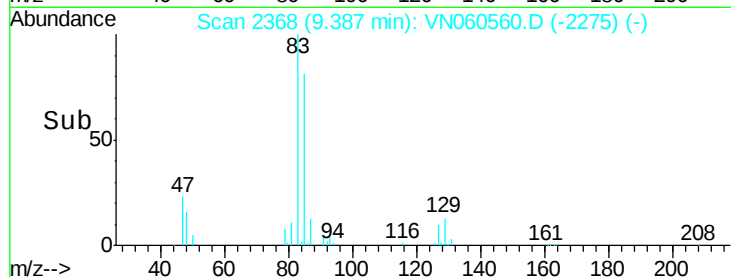
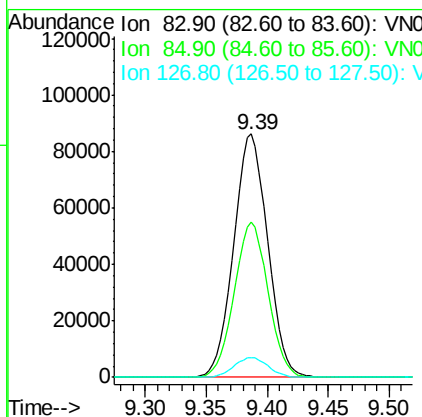
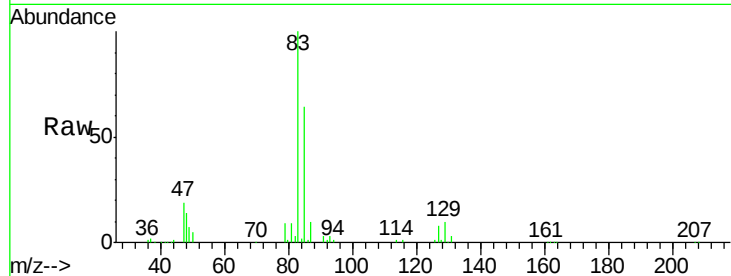
#47
Bromodichloromethane
Concen: 48.496 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.7	76.1
127	8.2	6.8	10.2

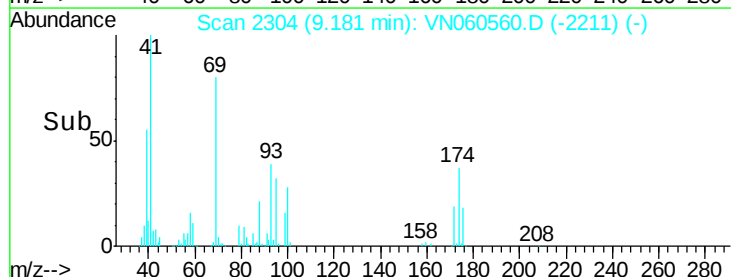
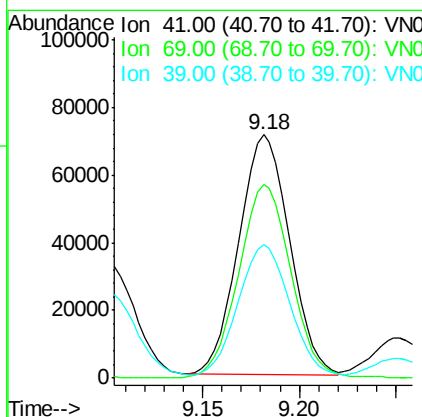
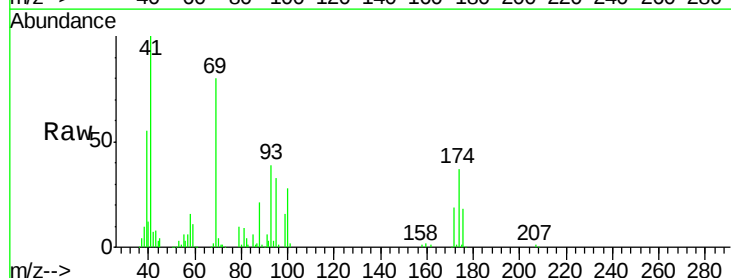
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#48
Methyl methacrylate
Concen: 50.542 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.9	66.7	100.1
39	57.0	50.1	75.1





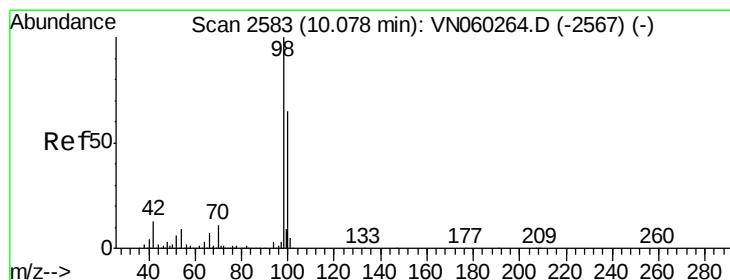
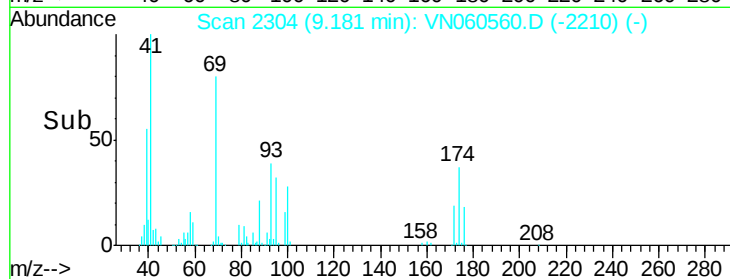
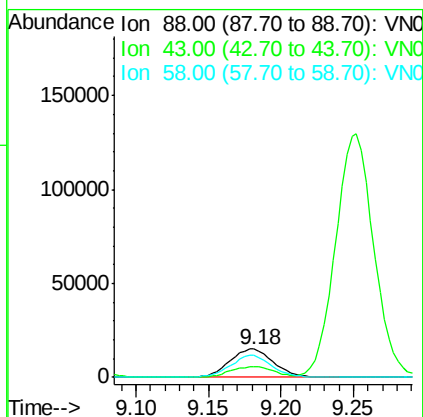
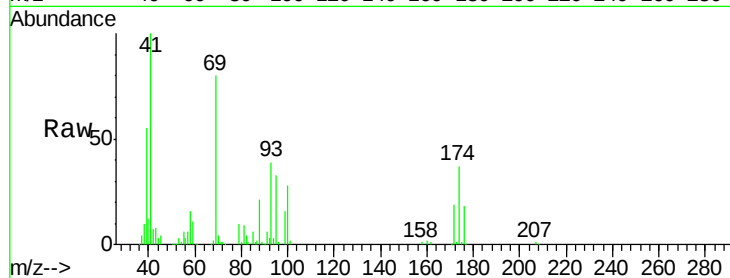
#49
1,4-Dioxane
Concen: 871.527 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	31587
Ion	Ratio	Lower	Upper
88	100		
43	38.4	30.4	45.6
58	73.5	57.0	85.6

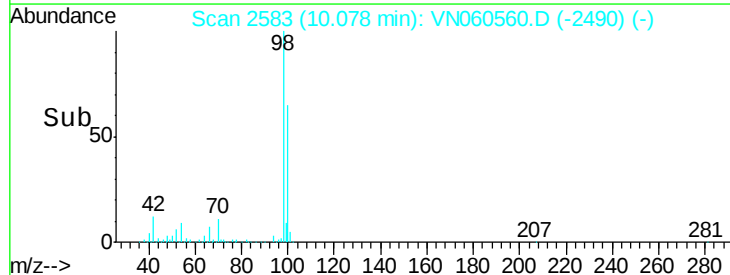
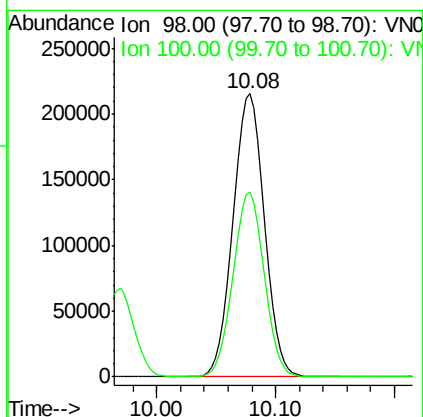
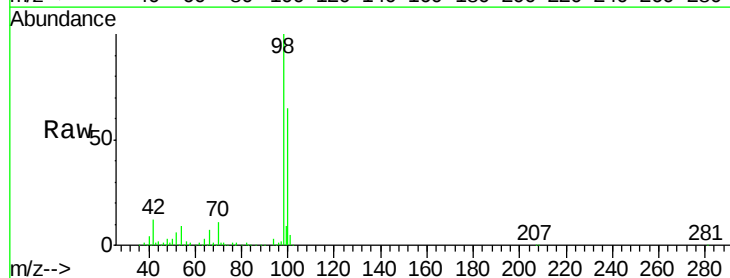
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#50
Toluene-d8
Concen: 46.899 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	98	Resp	394142
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.2





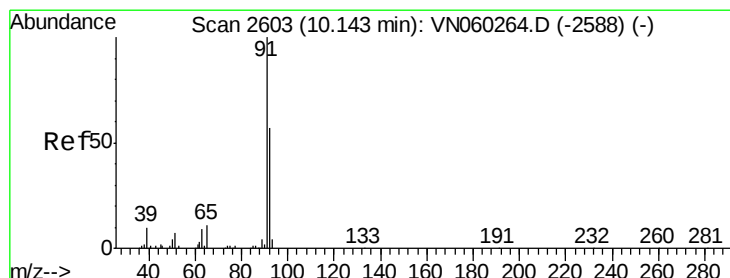
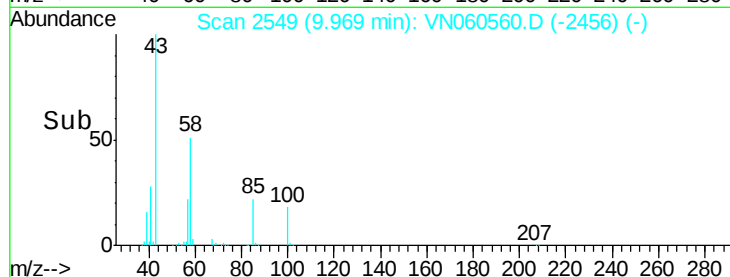
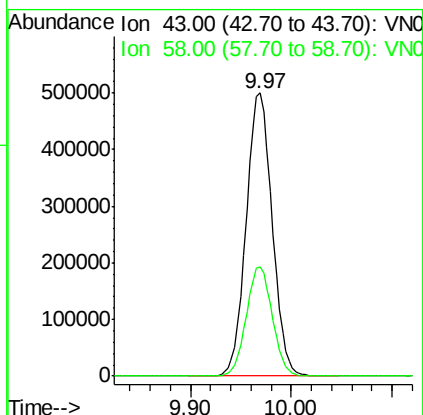
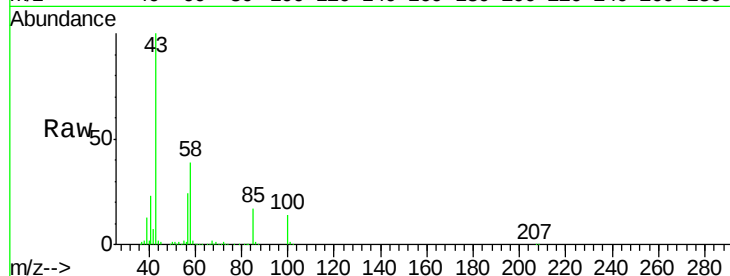
#51
4-Methyl-2-Pentanone
Concen: 276.470 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	885929
Ion Ratio	100	Lower	Upper
43	100		
58	38.6	30.9	46.3

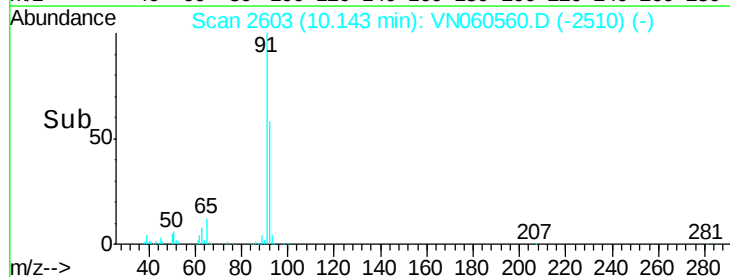
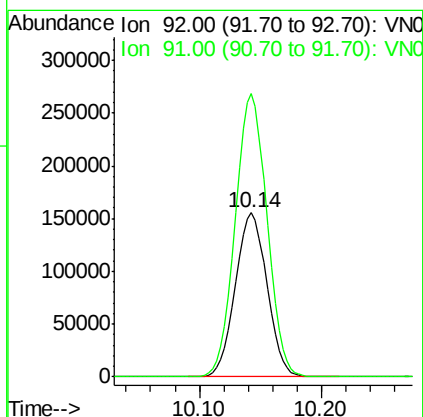
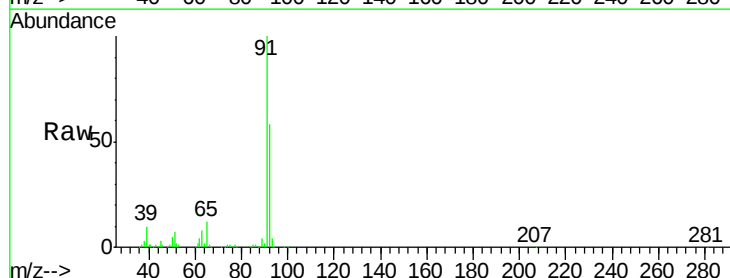
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#52
Toluene
Concen: 44.758 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	92	Resp	278998
Ion Ratio	100	Lower	Upper
92	100		
91	173.1	138.1	207.1





#53

t-1,3-Dichloropropene

Concen: 45.508 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 190928

Ion Ratio Lower Upper

75 100

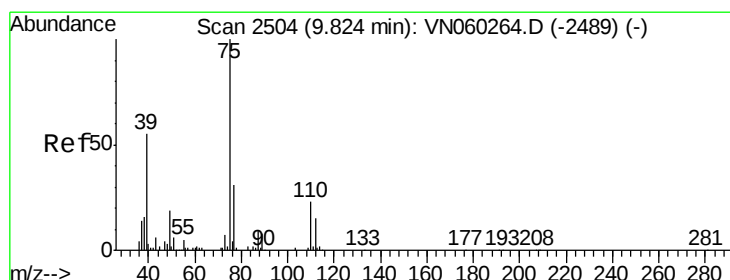
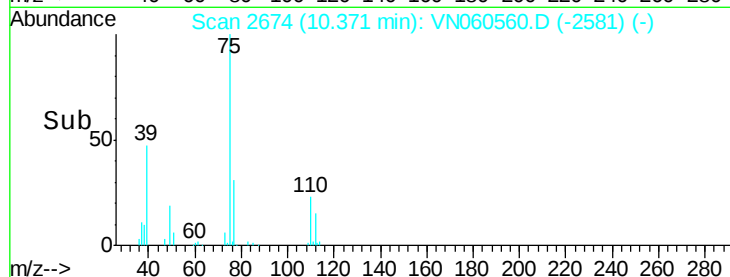
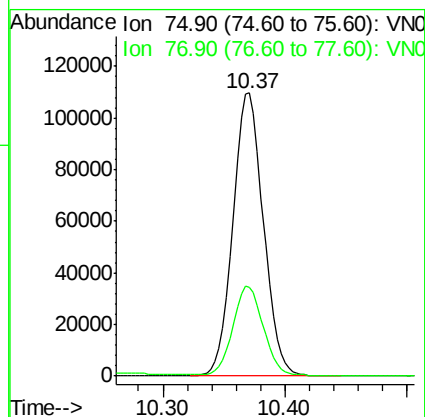
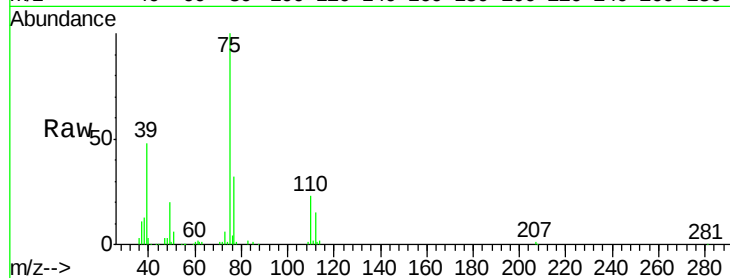
77 31.3 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 46.300 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

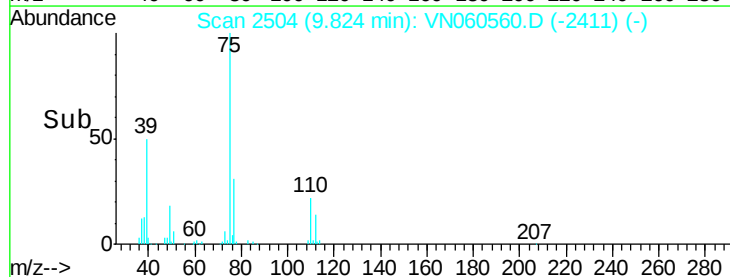
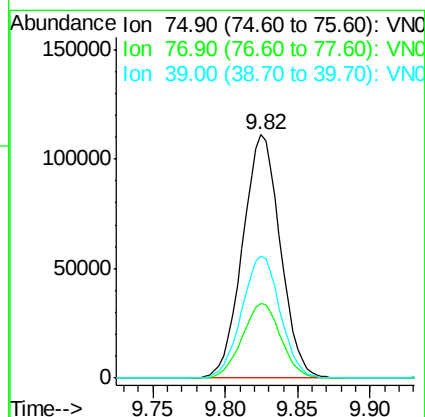
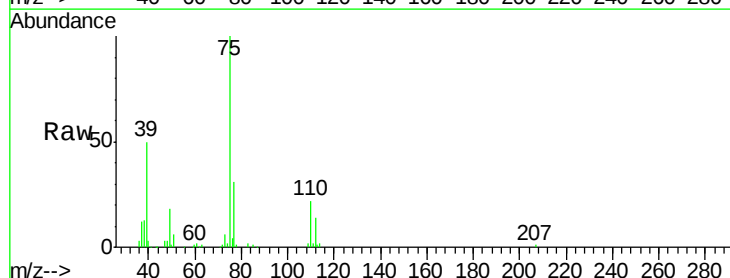
Tgt Ion: 75 Resp: 201282

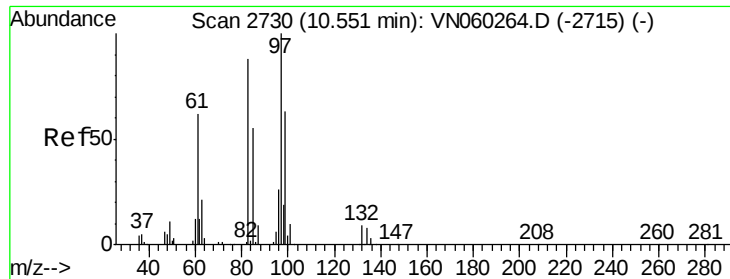
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

39 50.1 43.8 65.8





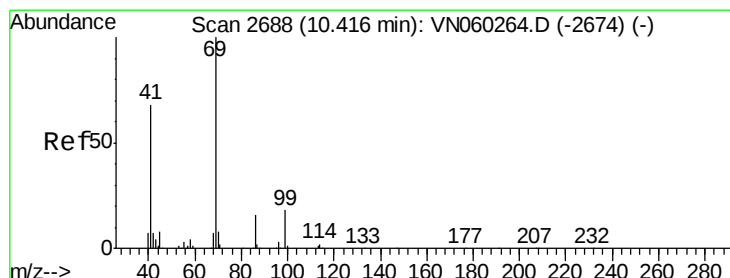
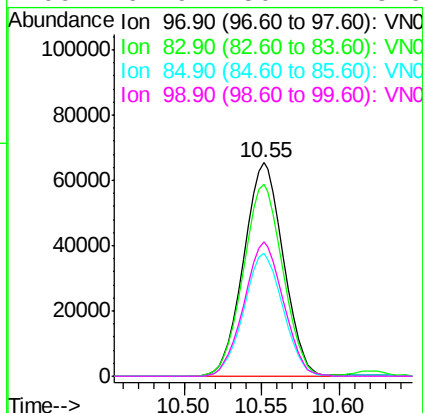
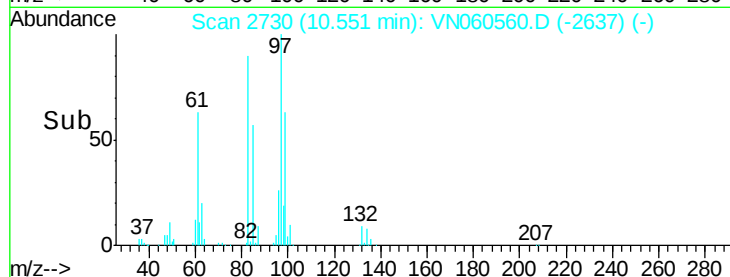
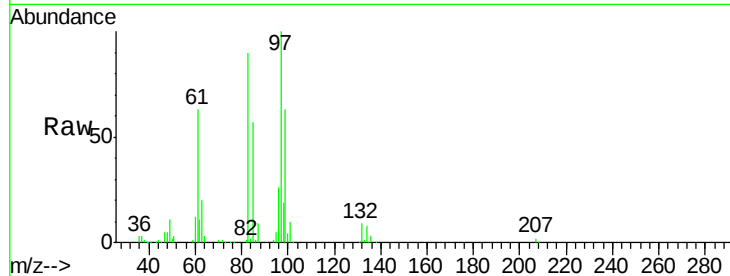
#55
 1,1,2-Trichloroethane
 Concen: 46.584 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		116774		
83	90.2	70.0	105.0		
85	57.4	44.0	66.0		
99	62.9	50.4	75.6		

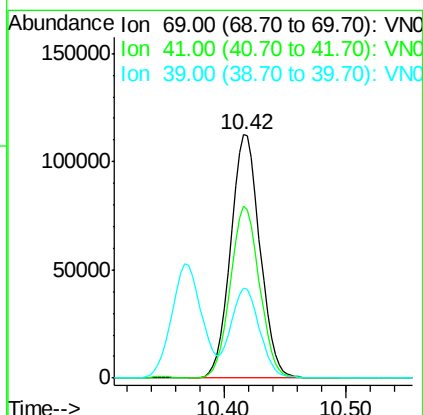
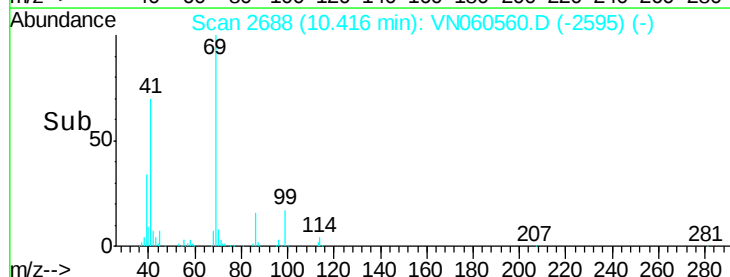
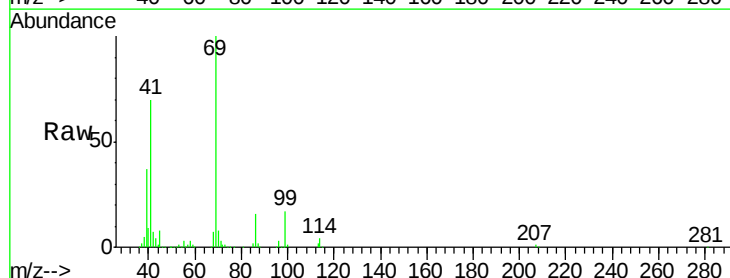
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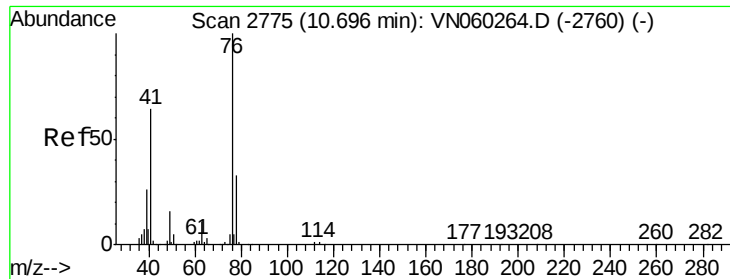
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#56
 Ethyl methacrylate
 Concen: 52.352 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		188537		
41	69.6	54.1	81.1		
39	36.7	32.5	48.7		





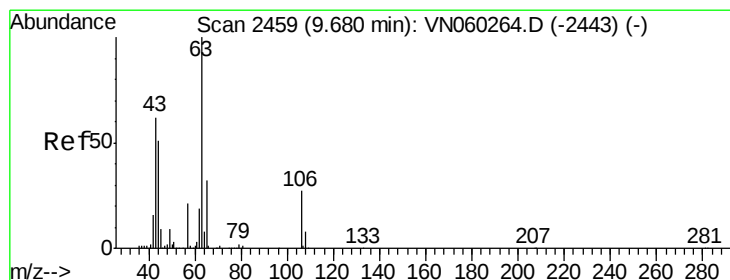
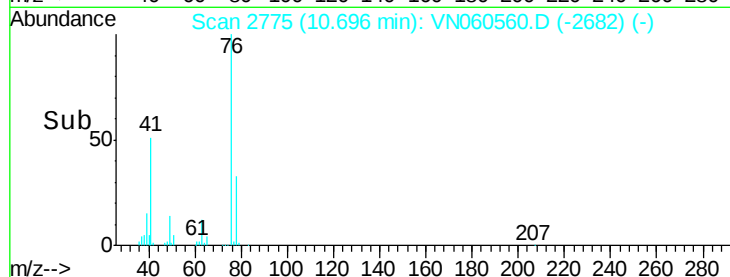
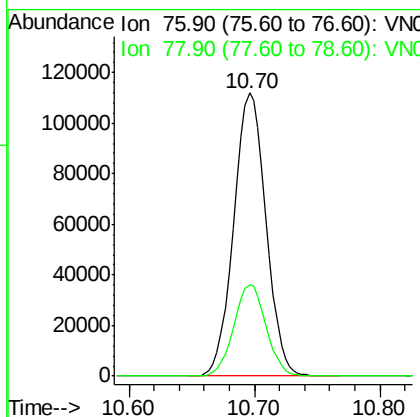
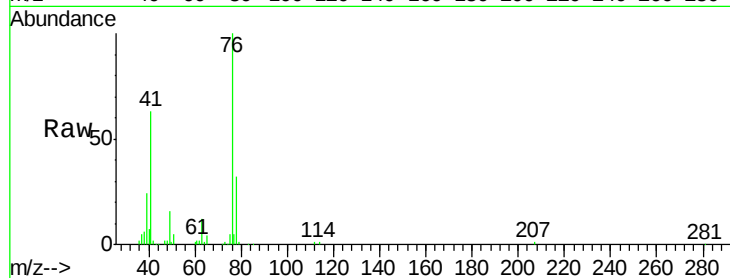
#57
 1,3-Dichloropropane
 Concen: 48.954 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.2

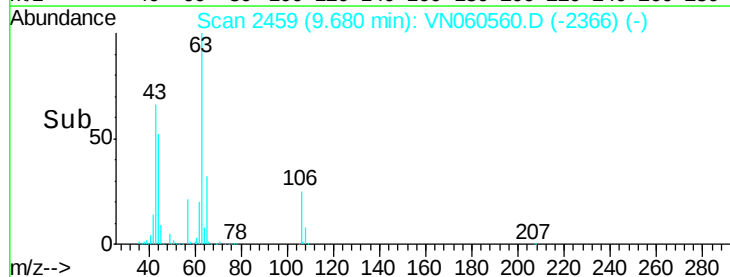
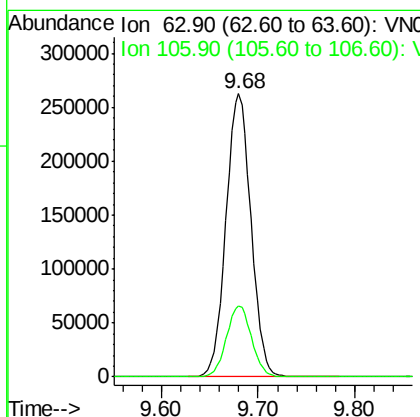
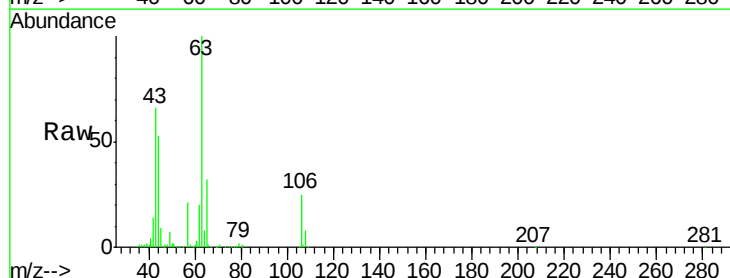
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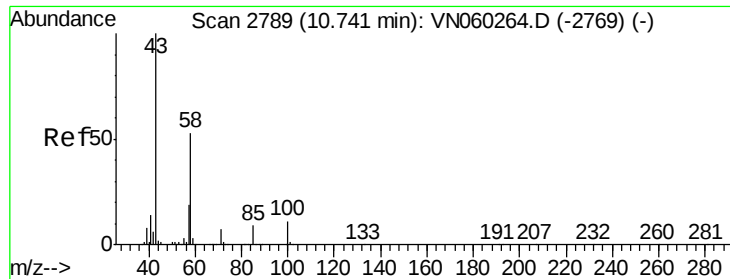
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#58
 2-Chloroethyl Vinyl ether
 Concen: 249.516 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.1	21.1	31.7





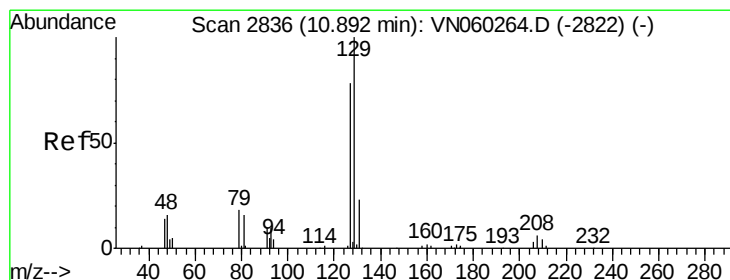
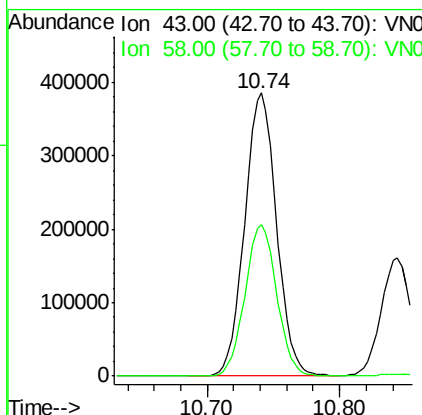
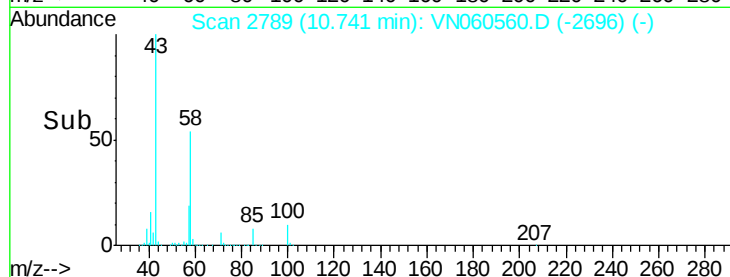
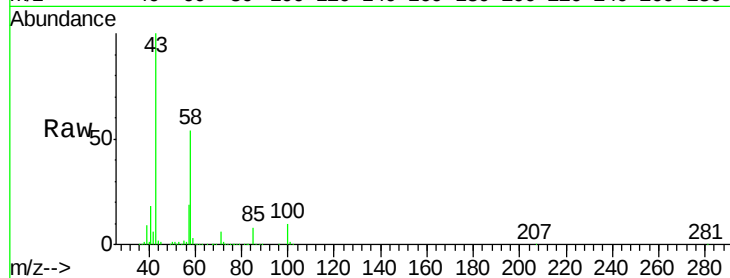
#59
2-Hexanone
Concen: 272.540 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 641223
Ion Ratio Lower Upper
43 100
58 53.6 26.5 79.5

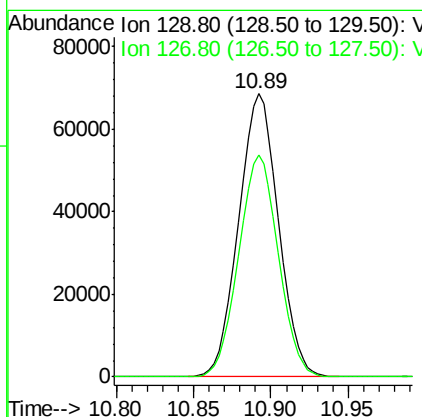
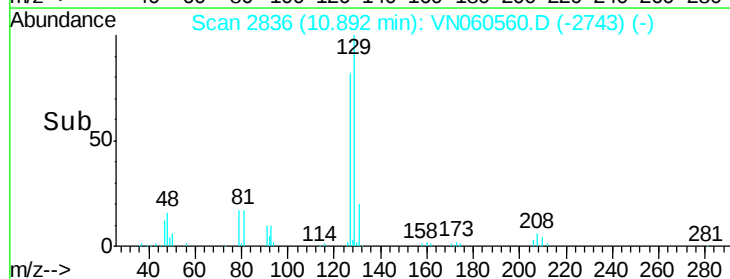
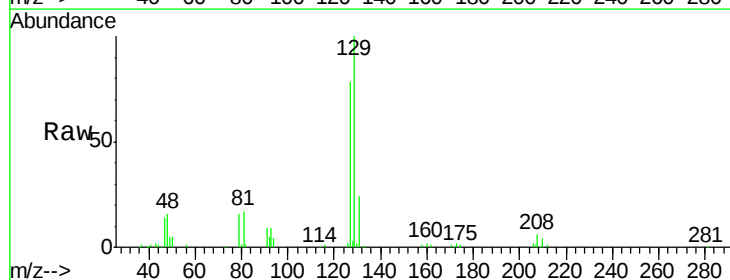
Manual Integrations
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#60
Dibromochloromethane
Concen: 48.132 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion: 129 Resp: 122701
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7





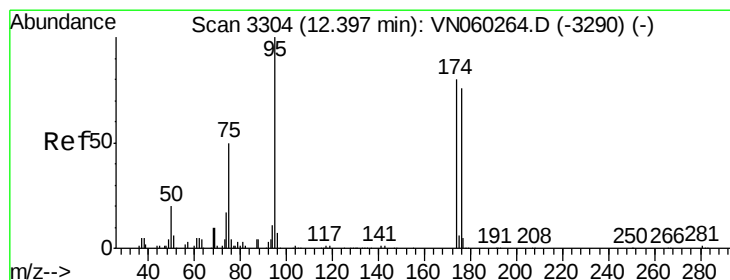
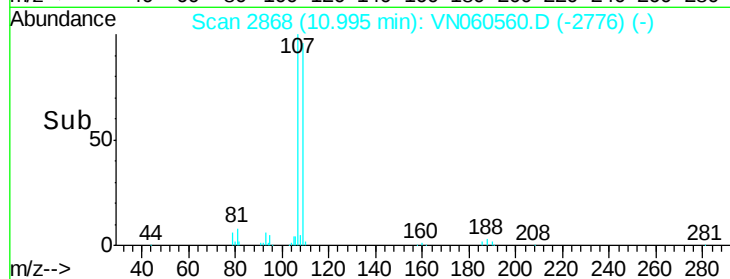
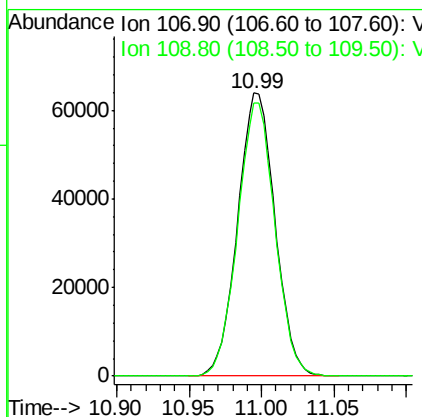
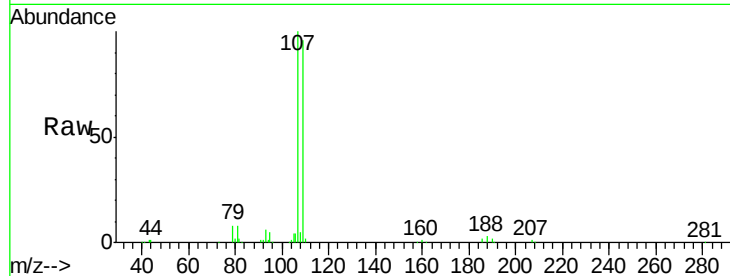
#61
 1,2-Dibromoethane
 Concen: 46.832 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.4	76.8	115.2

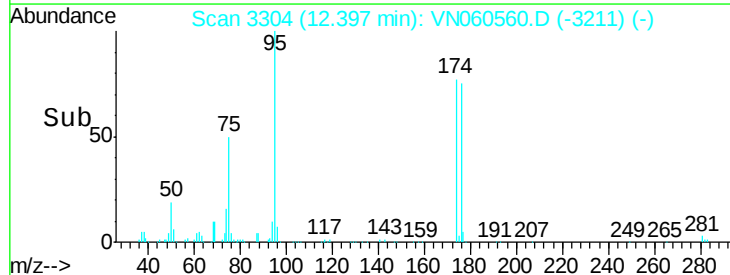
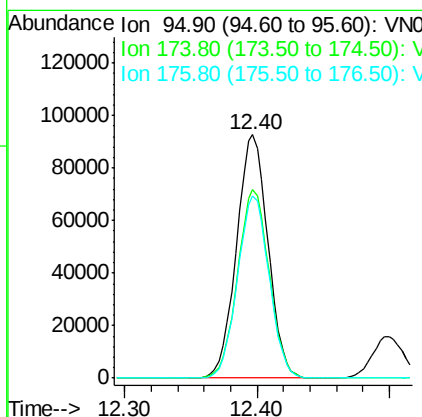
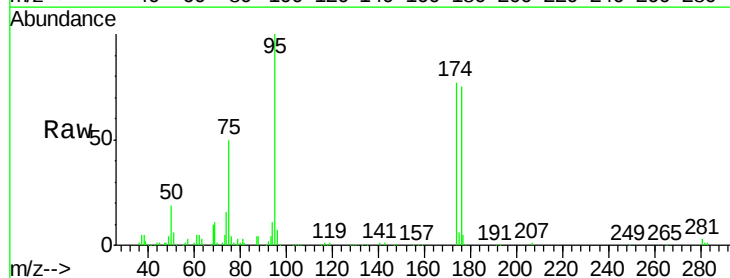
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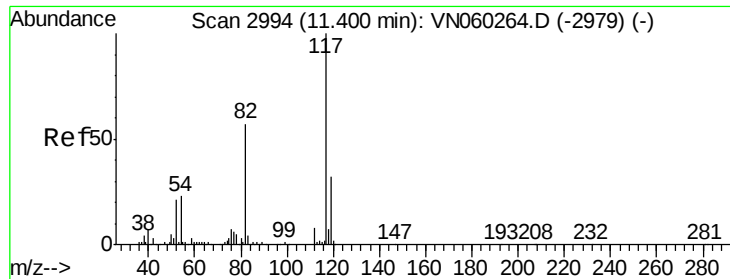
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#62
 4-Bromofluorobenzene
 Concen: 47.874 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	159.2
176	75.3	0.0	153.8





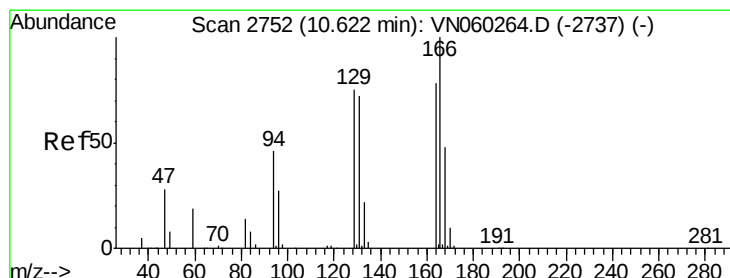
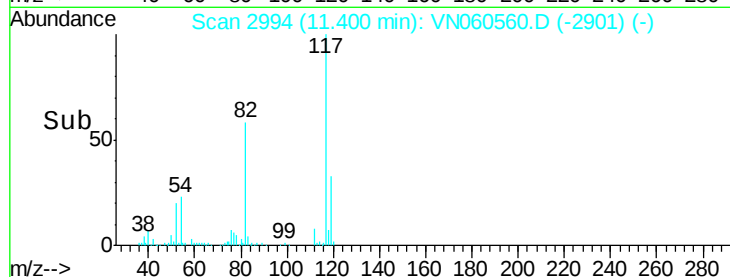
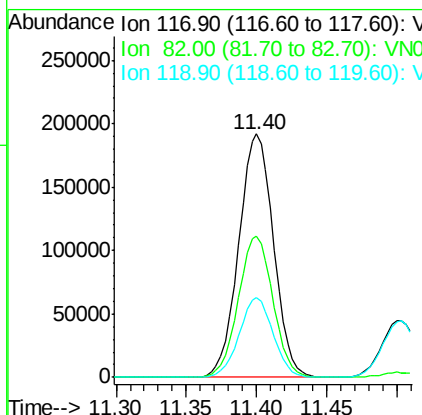
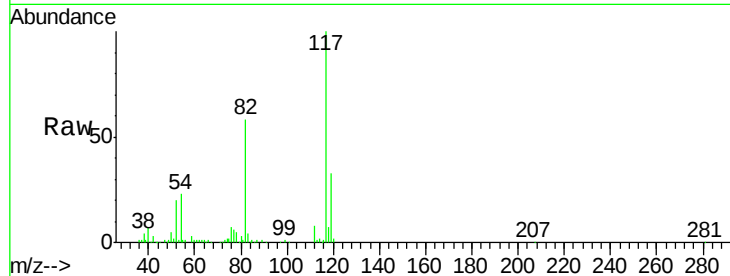
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	45.8	68.6
119	32.6	25.8	38.8

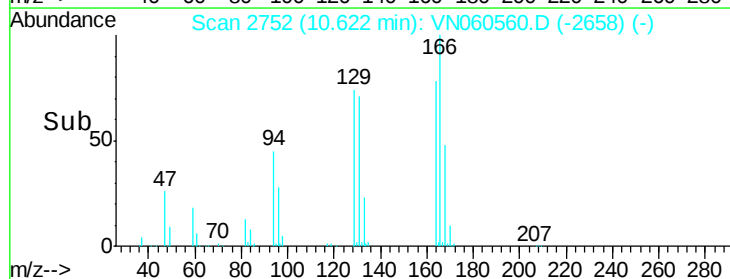
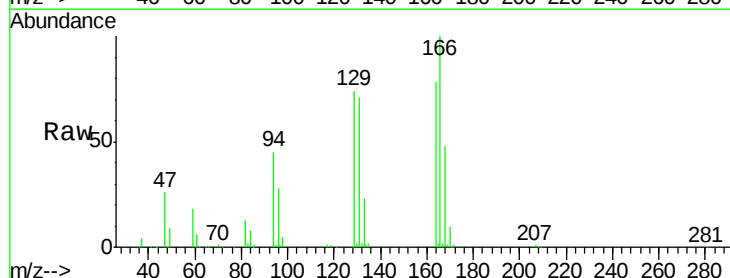
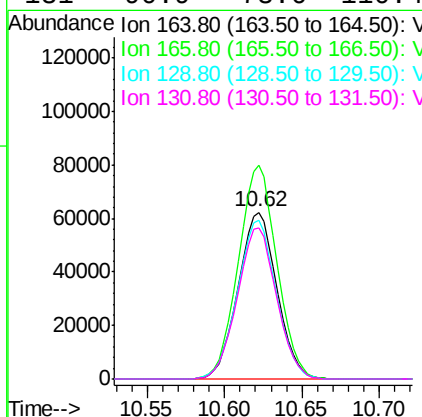
Manual Integrations
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#64
Tetrachloroethene
Concen: 41.245 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.0	153.0
129	95.0	76.4	114.6
131	90.9	73.6	110.4





#65

Chlorobenzene

Concen: 44.091 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 295220

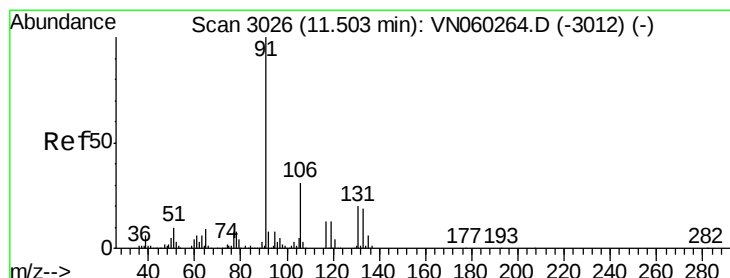
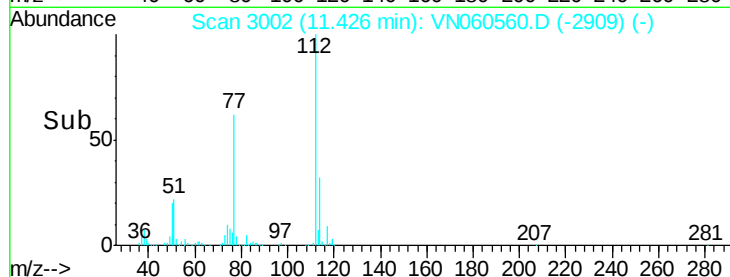
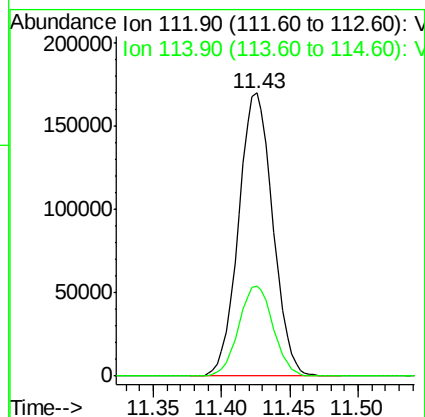
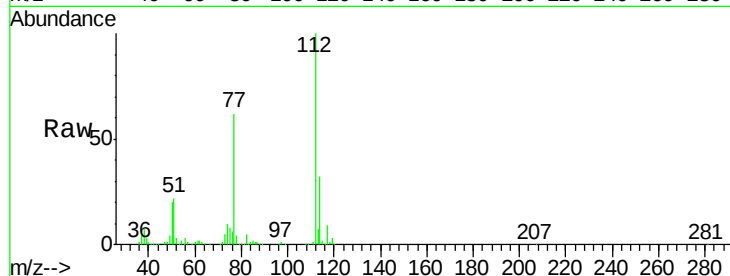
Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 45.468 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

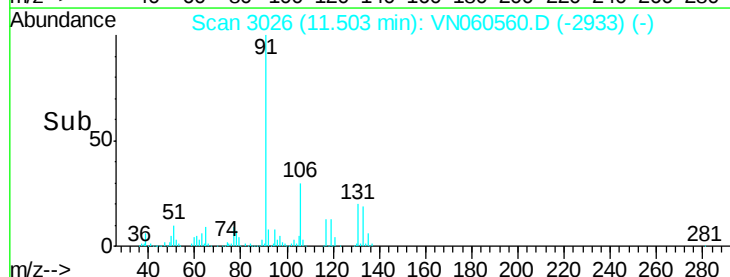
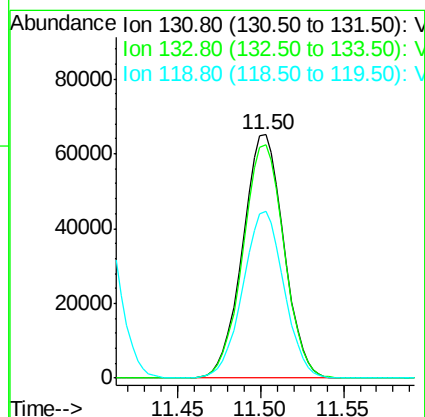
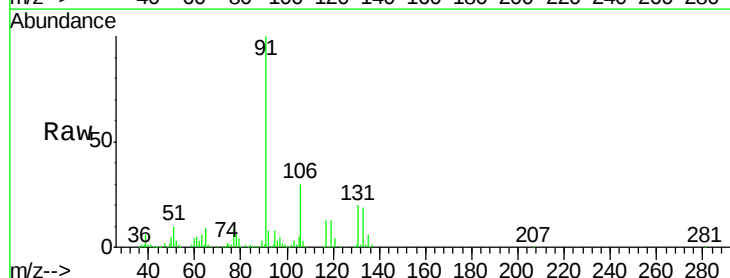
Tgt Ion:131 Resp: 112566

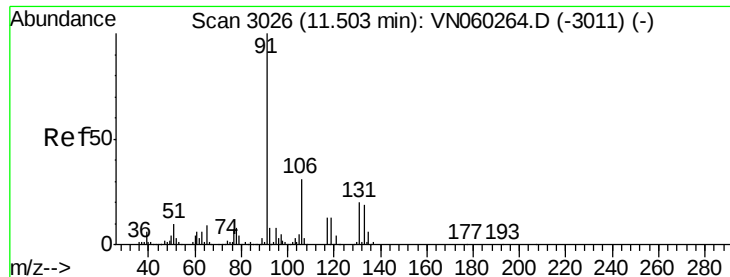
Ion Ratio Lower Upper

131 100

133 96.0 47.7 143.1

119 68.3 33.2 99.6





#67

Ethyl Benzene

Concen: 44.742 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 545558

Ion Ratio Lower Upper

91 100

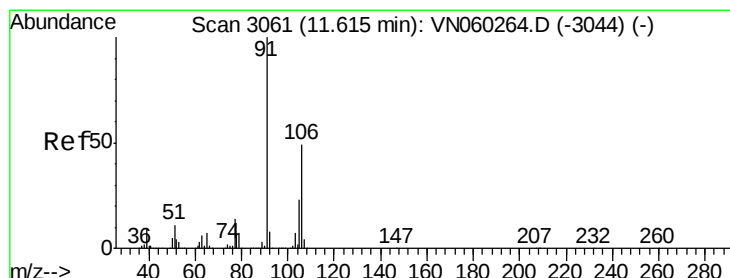
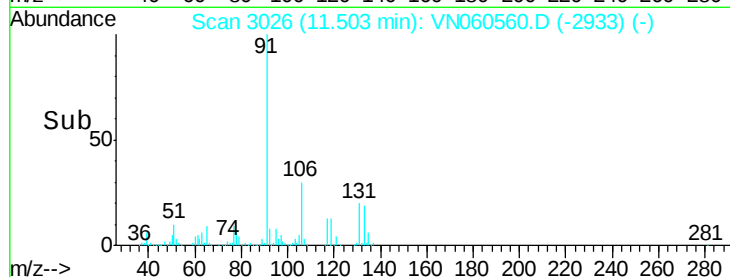
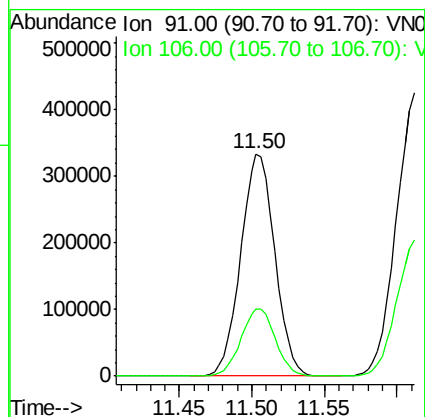
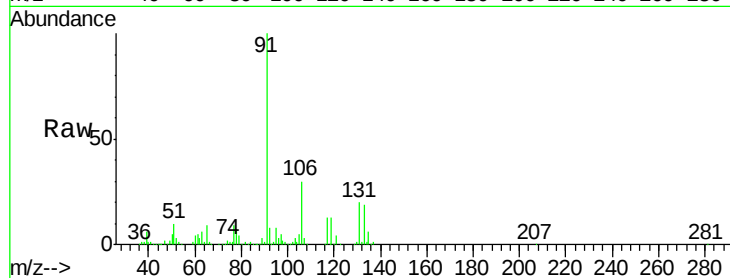
106 30.4 24.7 37.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 86.189 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060560.D

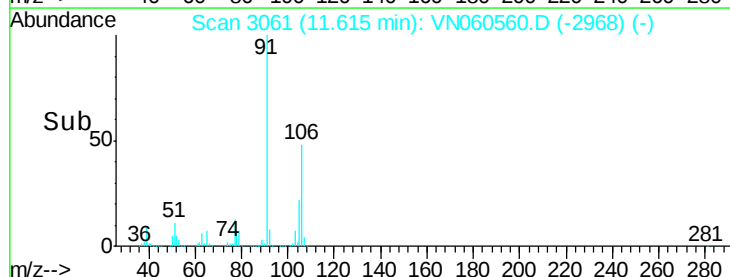
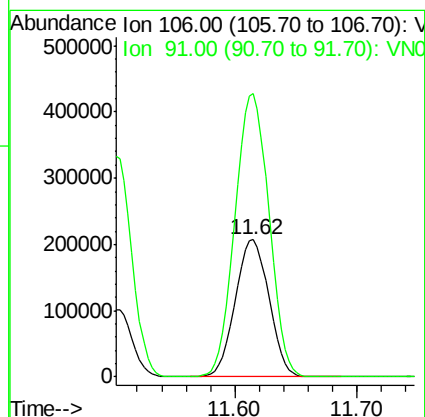
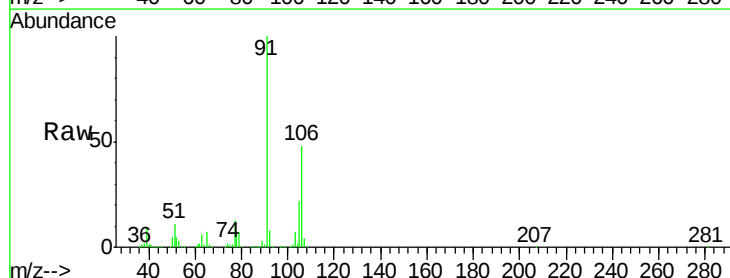
Acq: 17 Mar 2020 16:34

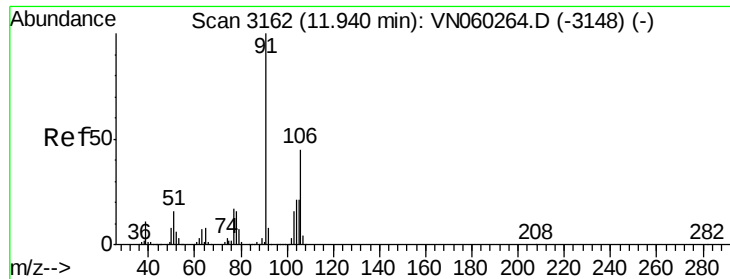
Tgt Ion: 106 Resp: 396512

Ion Ratio Lower Upper

106 100

91 208.8 164.5 246.7





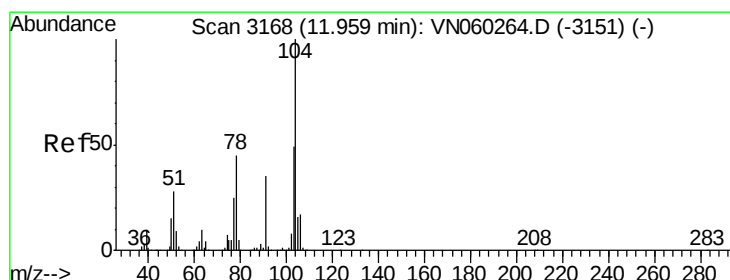
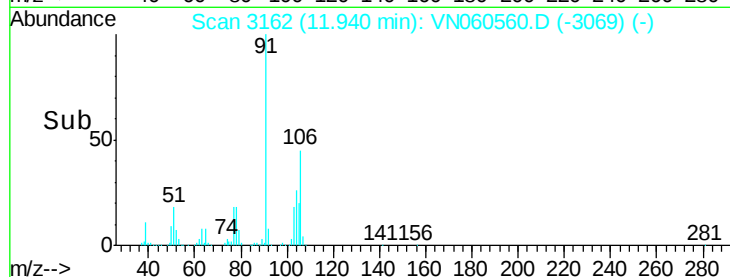
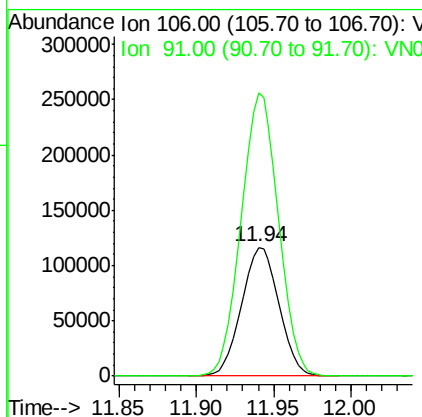
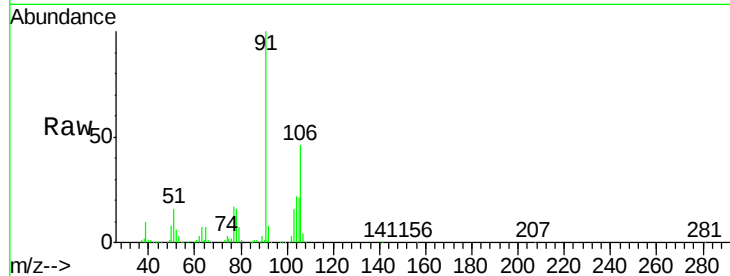
#69
o-Xylene
Concen: 44.713 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	219.0	109.5	328.4	

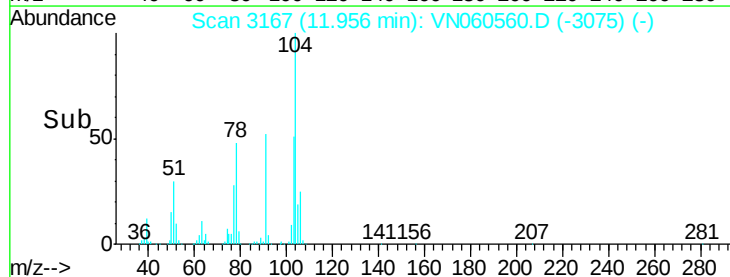
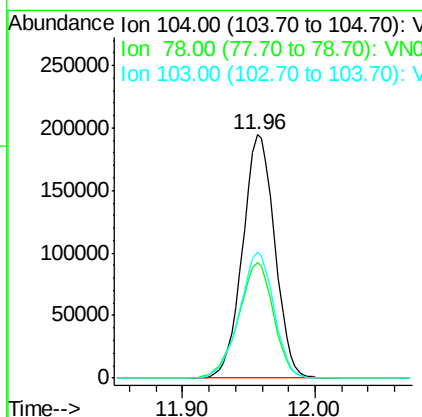
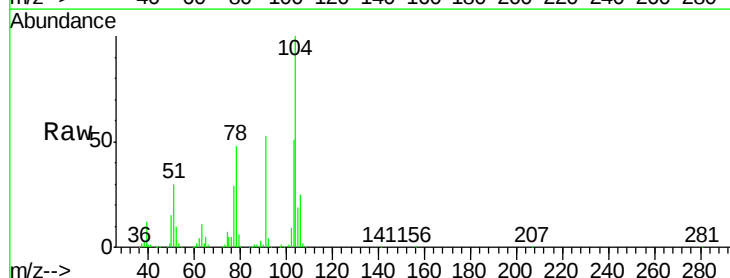
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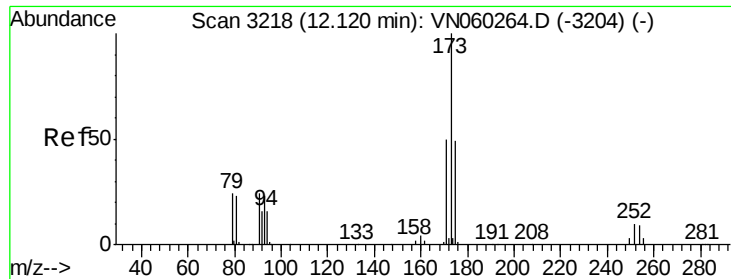
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#70
Styrene
Concen: 45.496 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	51.7	41.2	61.8	
103	55.5	43.9	65.9	





#71

Bromoform

Concen: 50.642 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 90359

Ion Ratio Lower Upper

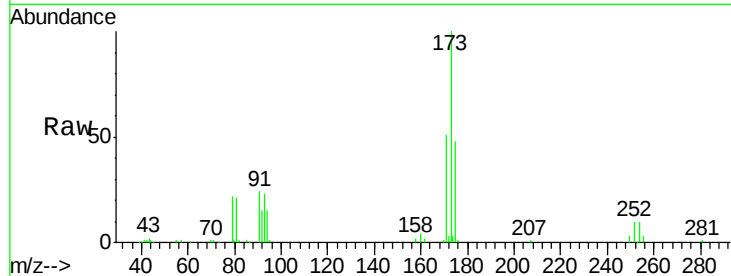
173 100

175 48.0 24.1 72.2

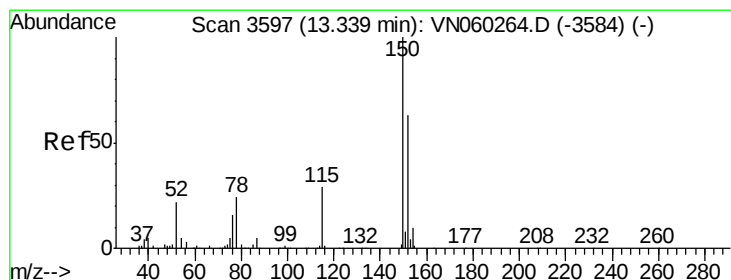
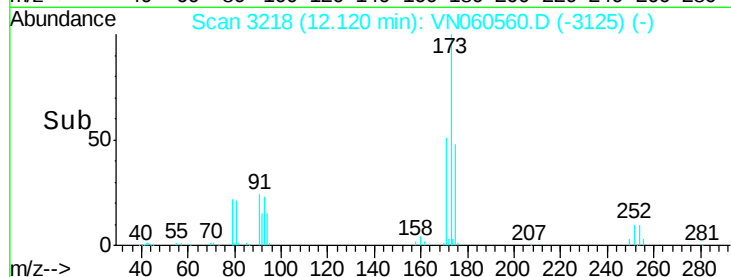
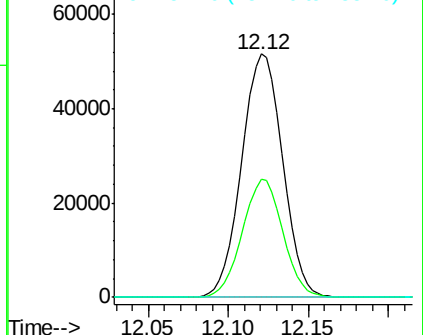
254 0.0 0.0 0.0

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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: VN060560.D

Acq: 17 Mar 2020 16:34

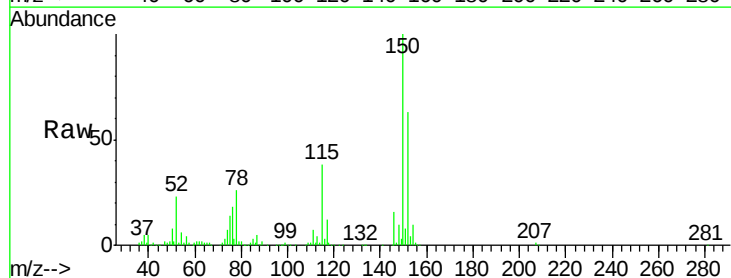
Tgt Ion:152 Resp: 159736

Ion Ratio Lower Upper

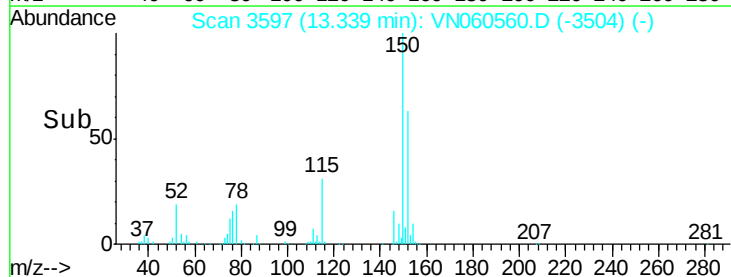
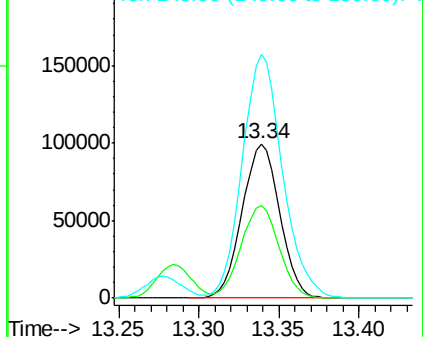
152 100

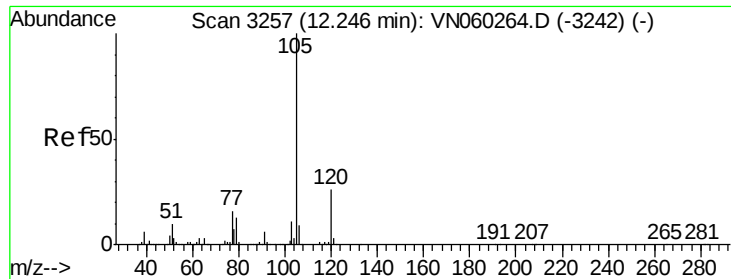
115 60.5 30.0 90.0

150 169.9 0.0 349.6



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: 44.737 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 529658

Ion Ratio Lower Upper

105 100

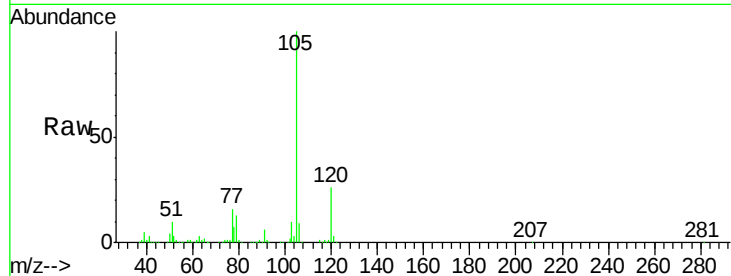
120 26.1 13.0 38.9

Manual Integrations

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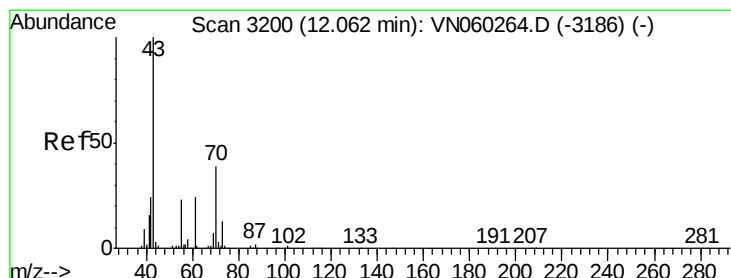
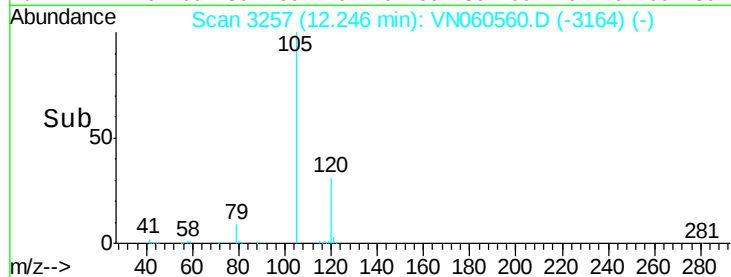
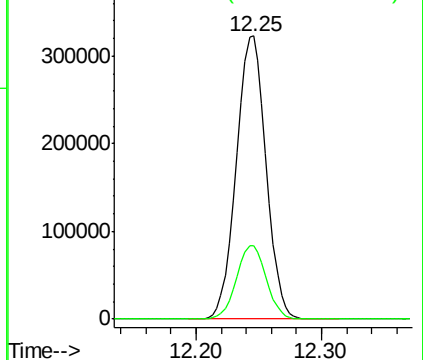
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.487 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Tgt Ion: 43 Resp: 261195

Ion Ratio Lower Upper

43 100

70 39.7 32.2 48.2

55 23.3 18.2 27.4

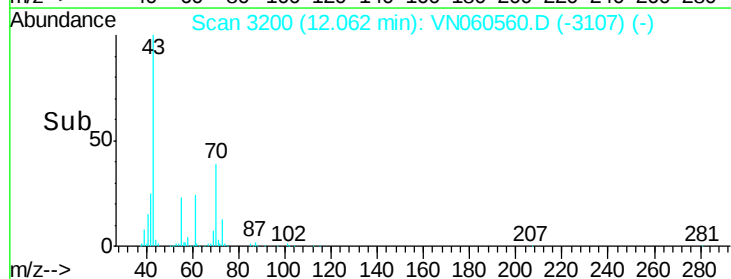
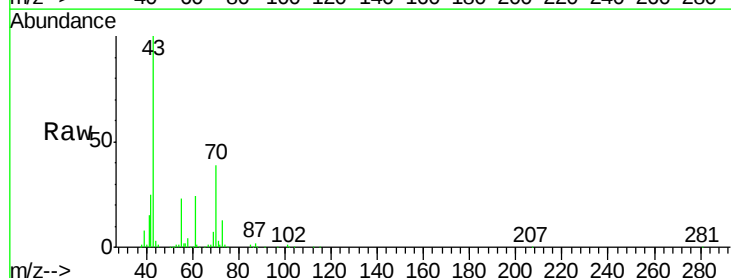
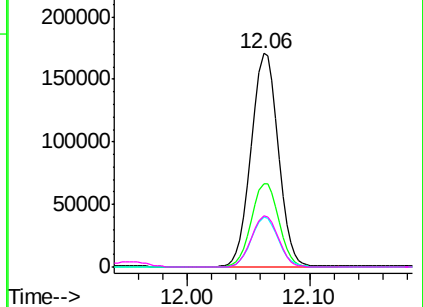
61 23.8 19.2 28.8

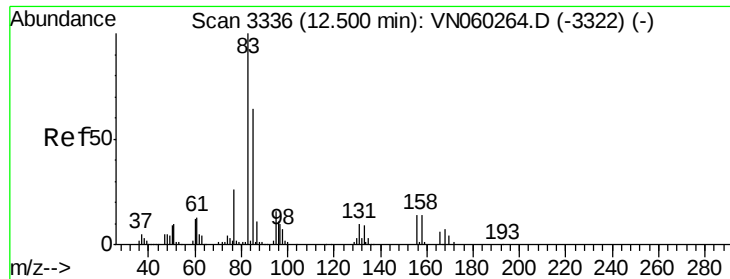
Abundance Ion 43.00 (42.70 to 43.70): V

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: 53.317 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

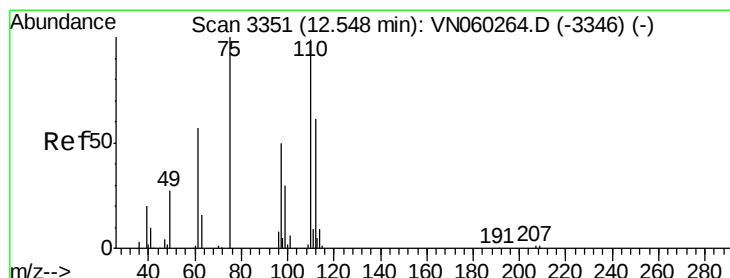
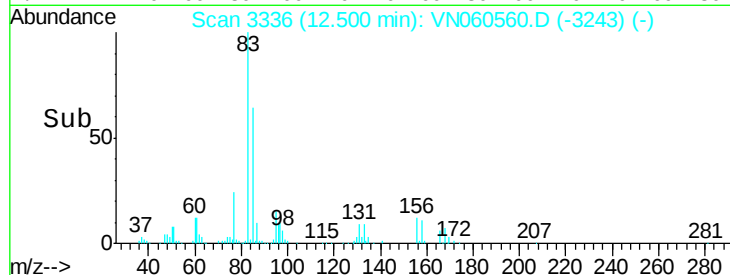
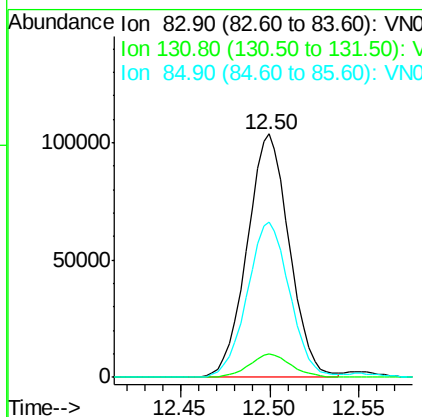
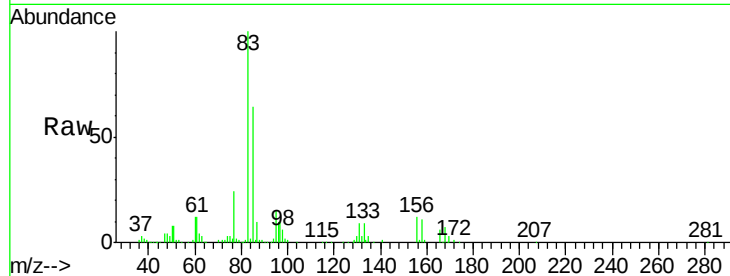
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	171587
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.1	15.3
85	64.1	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 41.359 ug/l m

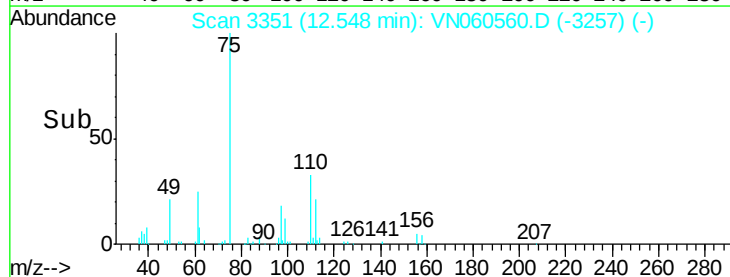
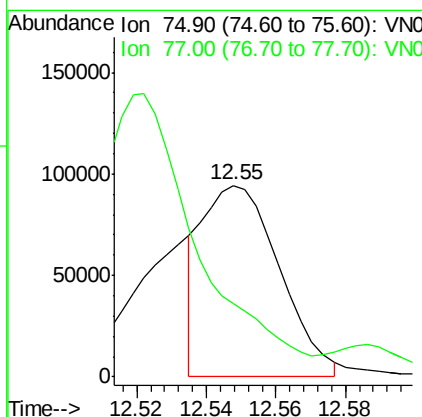
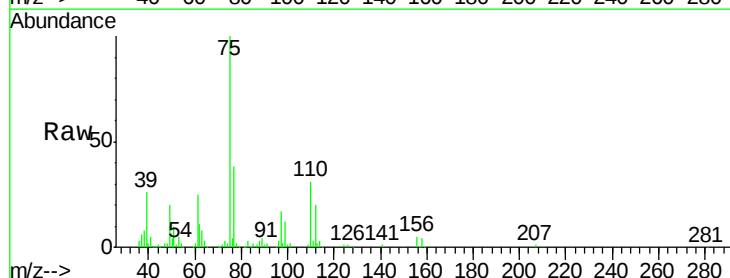
RT: 12.55 min Scan# 3351

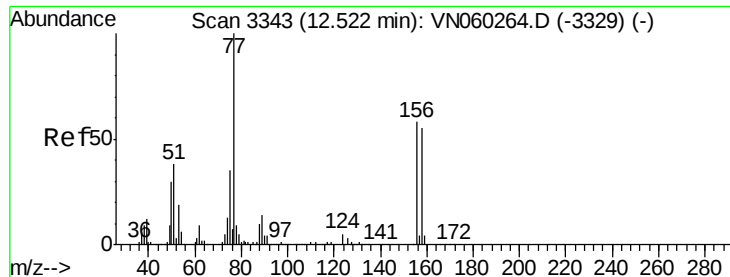
Delta R.T. 0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Tgt Ion:	75	Resp:	144947
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 44.879 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

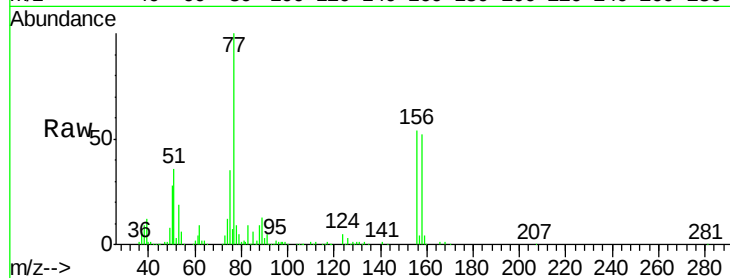
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	130246
Ion Ratio	Lower	Upper	
156	100		
77	220.1	106.1	318.3
158	94.5	48.3	144.8

Manual Integrations
APPROVED

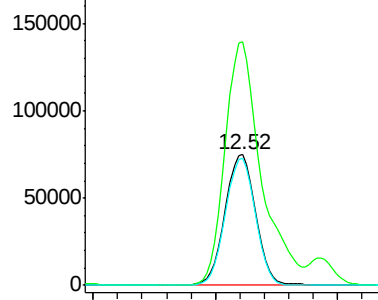
MMDadoda
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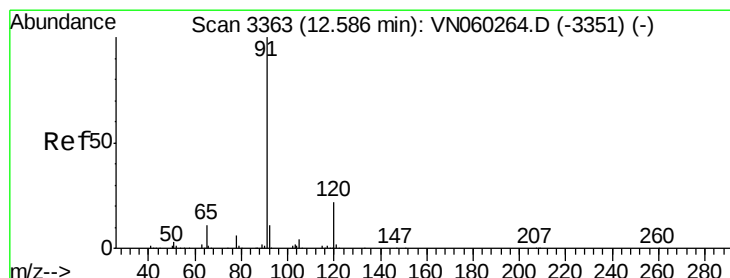
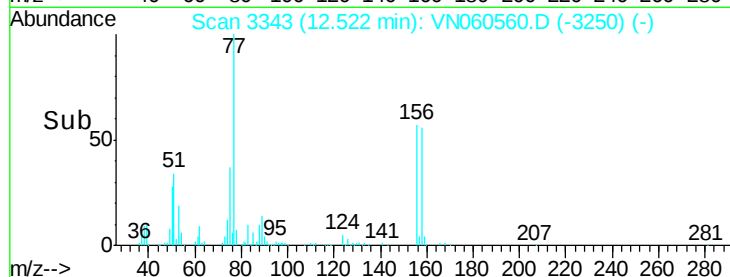
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



Time-->



#78

n-propylbenzene

Concen: 44.666 ug/l

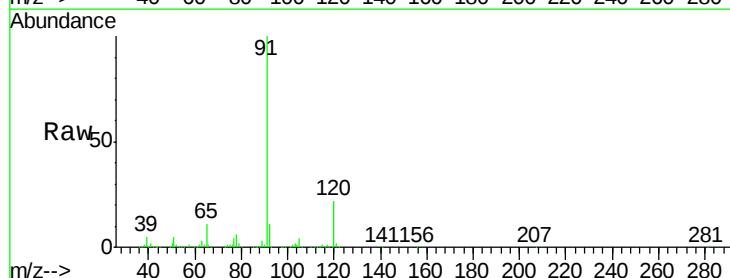
RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060560.D

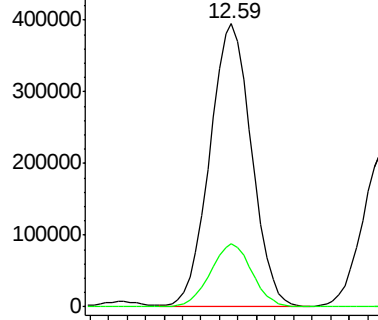
Acq: 17 Mar 2020 16:34

Tgt Ion:	91	Resp:	619872
Ion Ratio	Lower	Upper	
91	100		
120	22.1	11.3	33.9

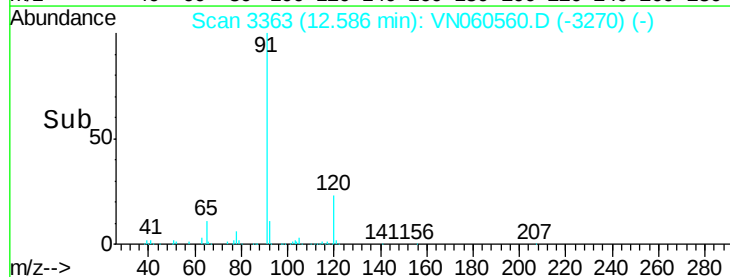


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V



Time-->





#79

2-Chlorotoluene

Concen: 45.150 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 368325

Ion Ratio Lower Upper

91 100

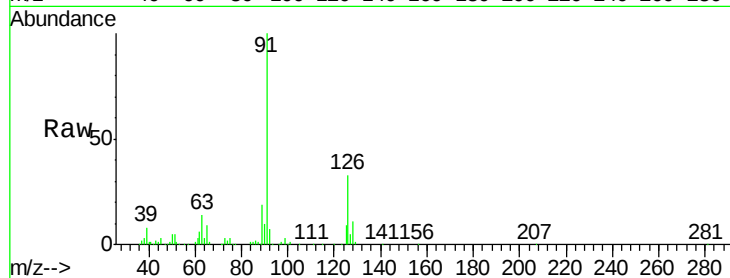
126 32.7 16.6 49.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 125.90 (125.60 to 126.60): V

400000

300000

200000

100000

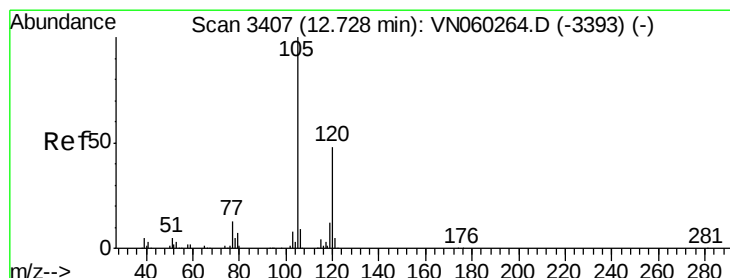
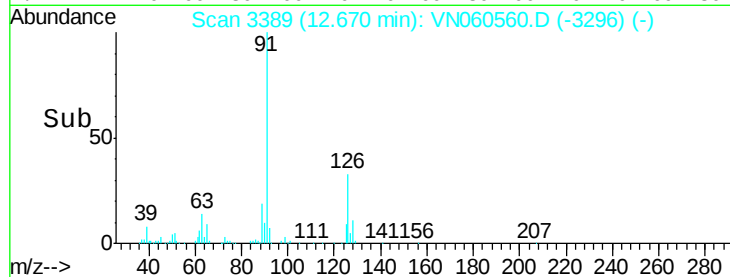
0

12.60

12.65

12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 44.436 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060560.D

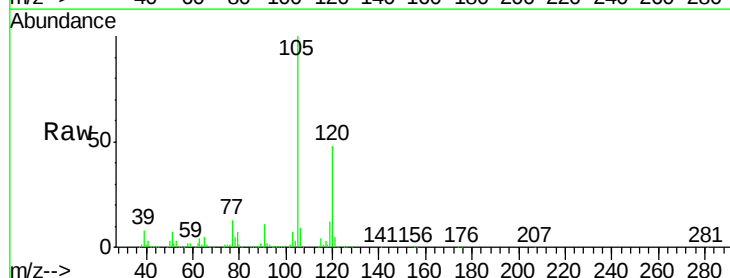
Acq: 17 Mar 2020 16:34

Tgt Ion:105 Resp: 442951

Ion Ratio Lower Upper

105 100

120 47.8 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

250000

200000

150000

100000

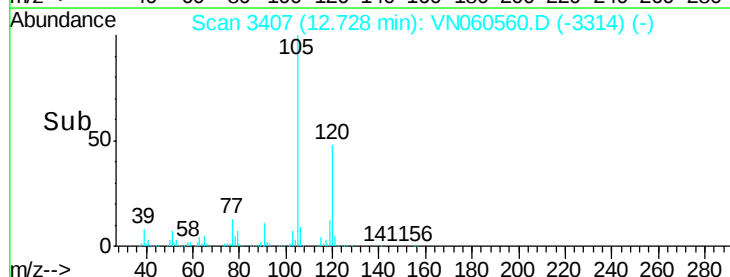
50000

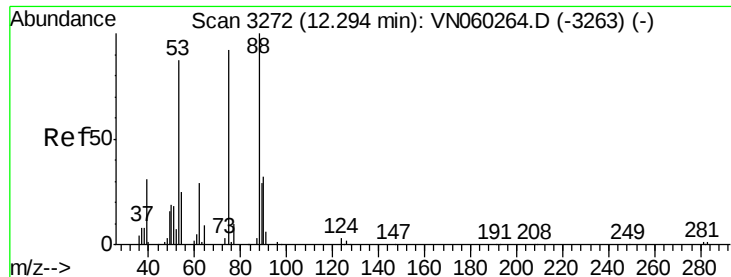
0

12.70

12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 50.509 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

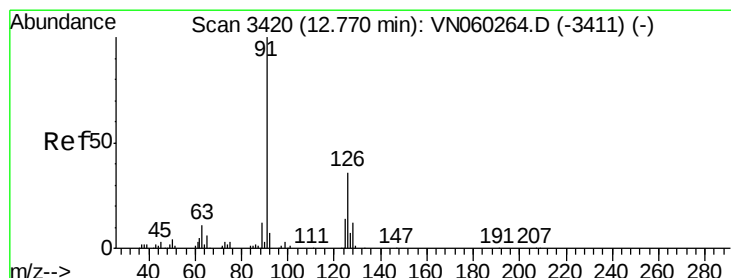
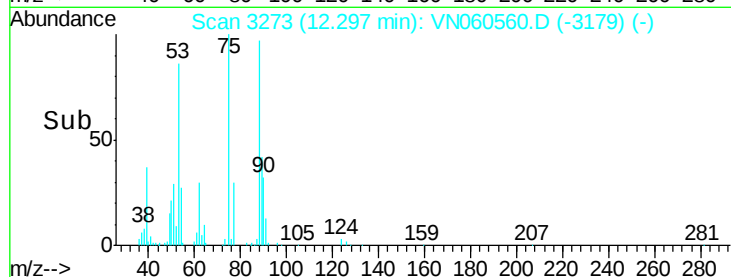
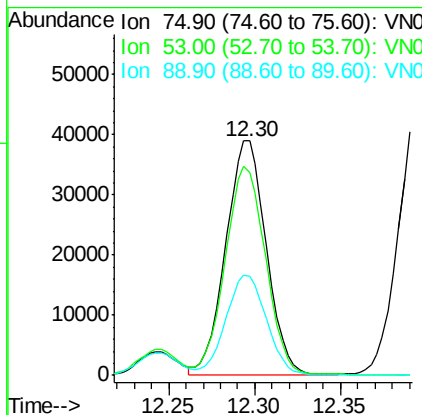
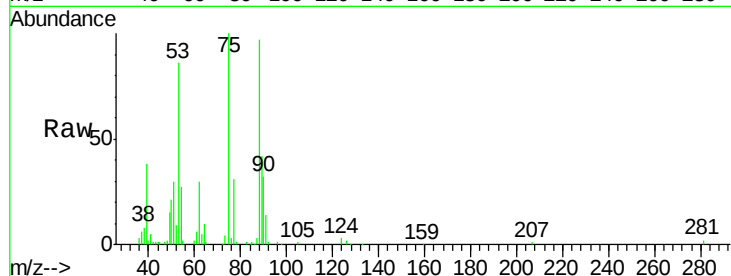
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	64125
Ion Ratio	Lower	Upper	
75	100		
53	89.2	73.8	110.6
89	42.8	57.1	85.7#

Manual Integrations
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#82

4-Chlorotoluene

Concen: 44.147 ug/l

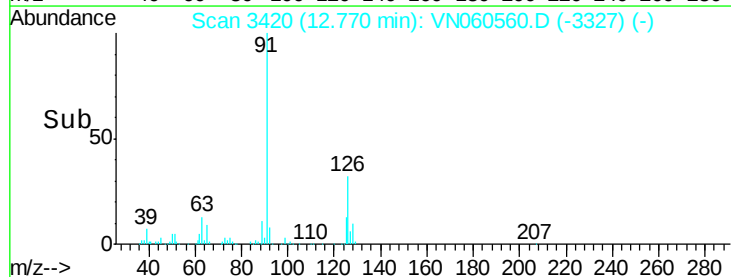
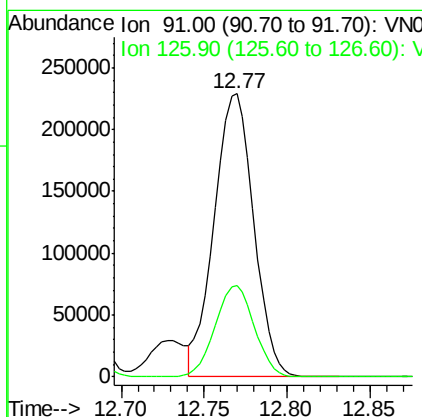
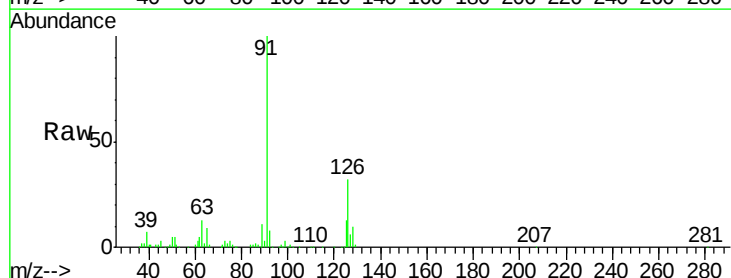
RT: 12.77 min Scan# 3420

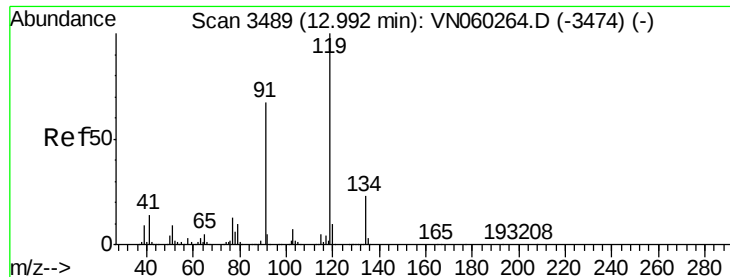
Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Tgt Ion:	91	Resp:	379434
Ion Ratio	Lower	Upper	
91	100		
126	32.2	16.7	50.1





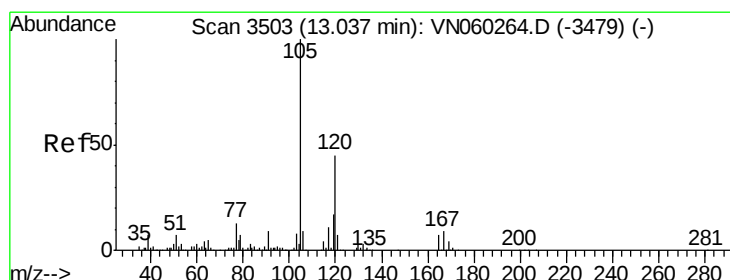
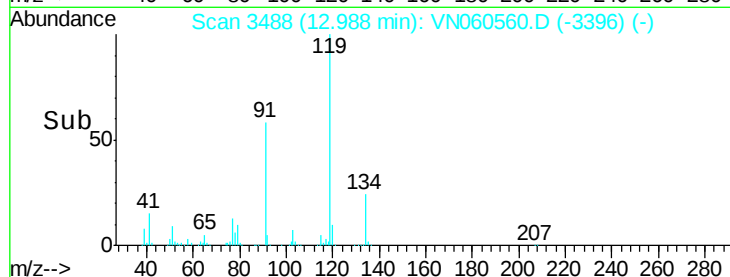
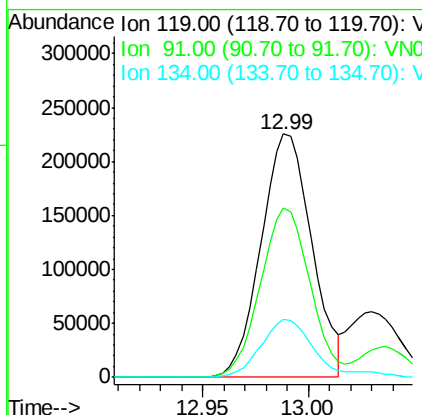
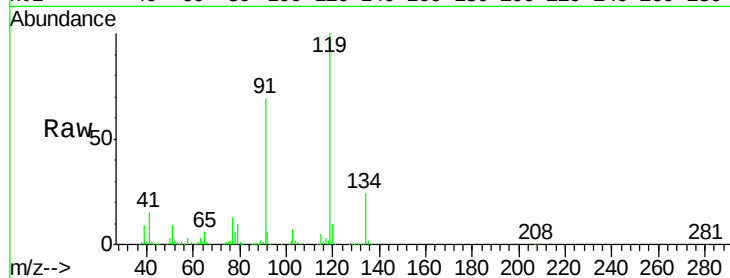
#83
 tert-Butylbenzene
 Concen: 43.795 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.1	33.1	99.2
134	25.3	12.4	37.0

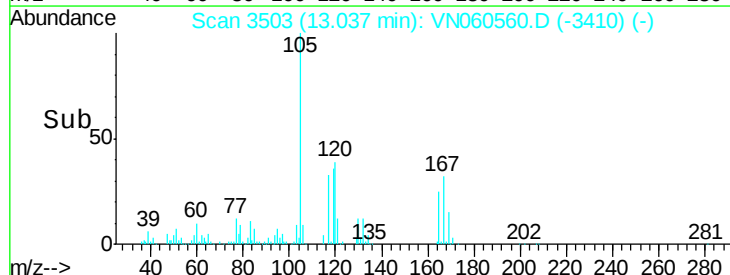
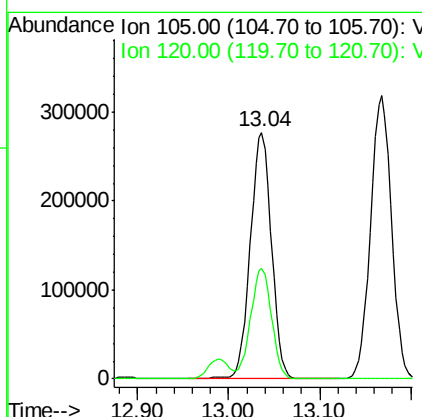
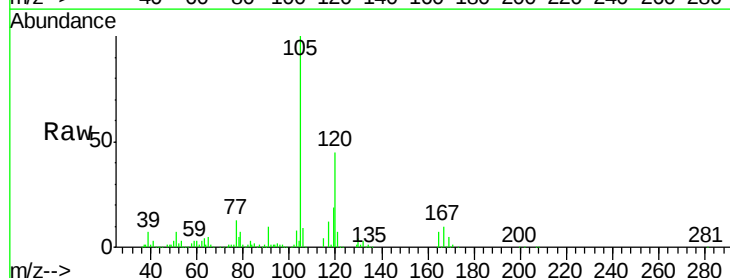
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 44.339 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.9





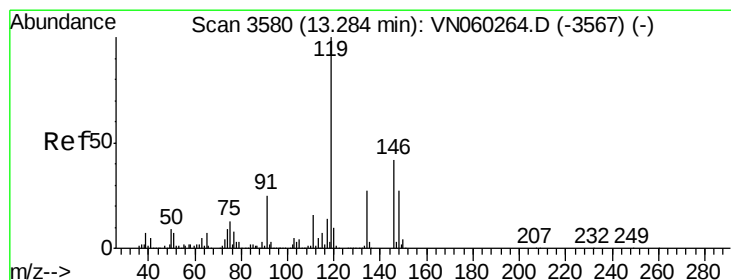
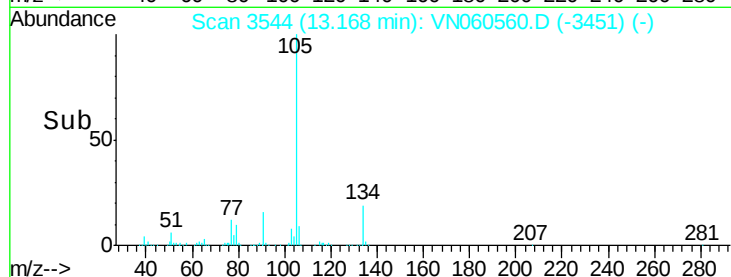
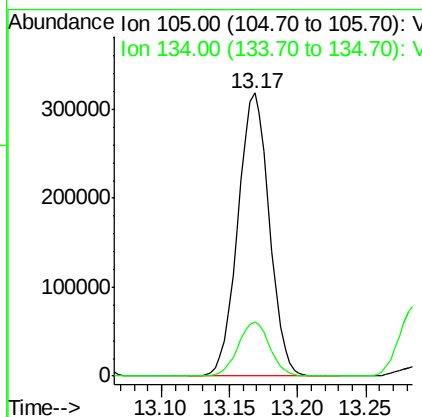
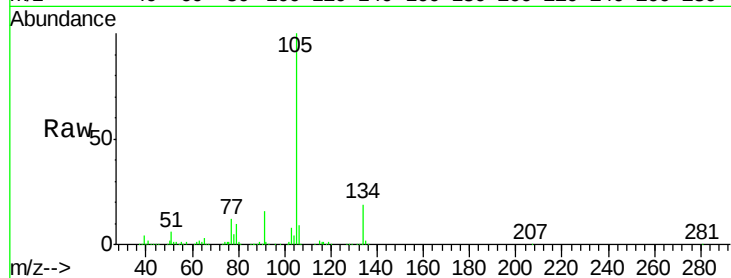
#85
 sec-Butylbenzene
 Concen: 43.962 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	508074		
134	19.3	9.8	29.5	

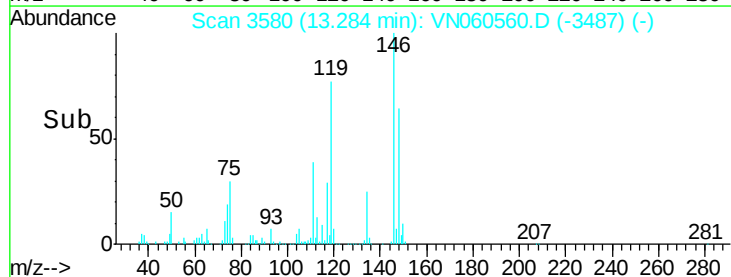
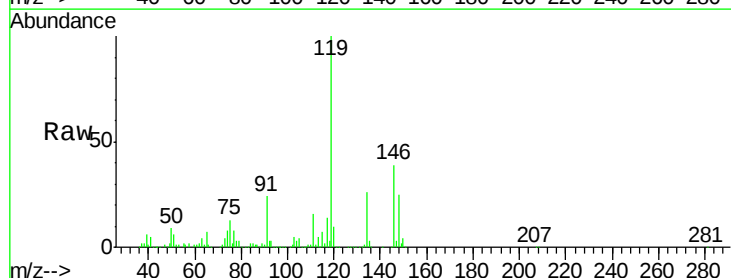
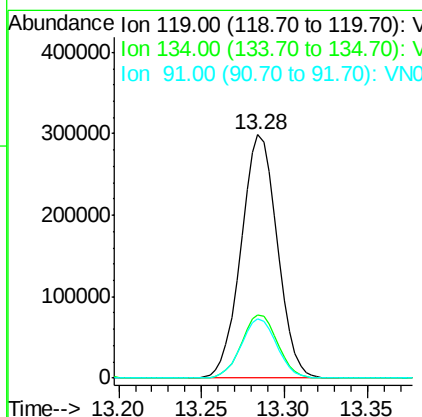
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 42.351 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	453022		
134	26.1	13.2	39.6	
91	24.2	12.2	36.6	





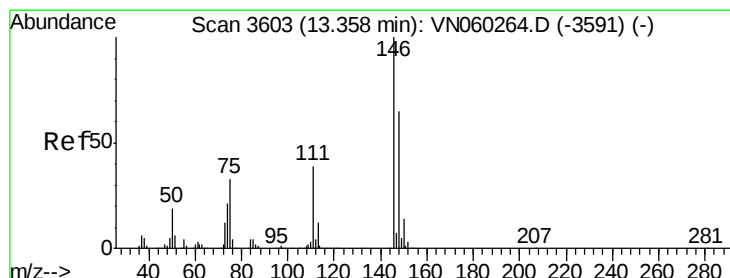
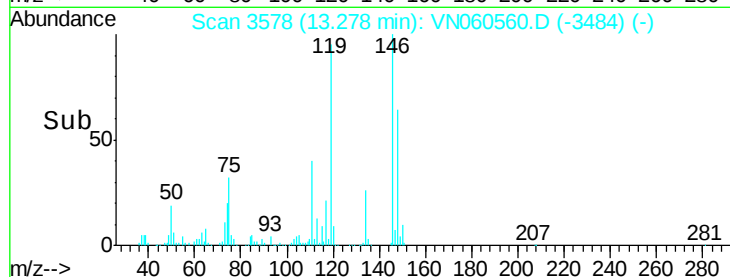
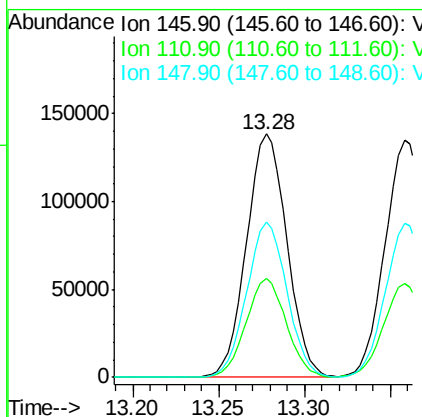
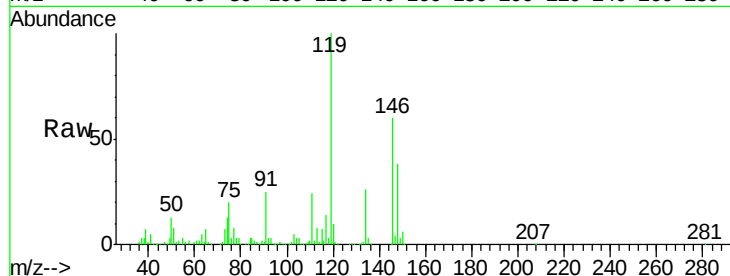
#87
 1,3-Dichlorobenzene
 Concen: 45.351 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.0	59.9
148	63.6	32.1	96.3

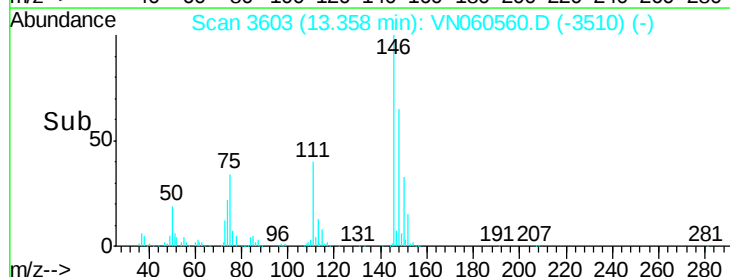
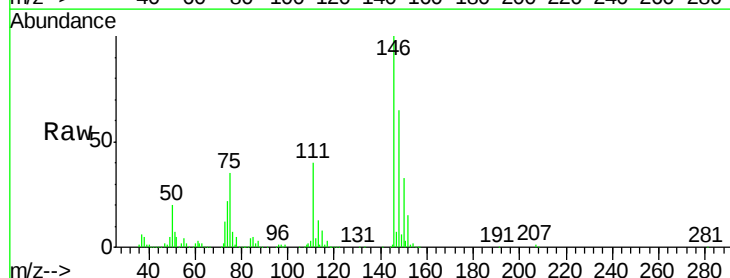
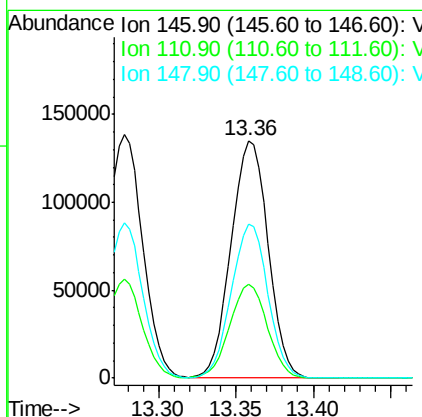
Manual Integrations
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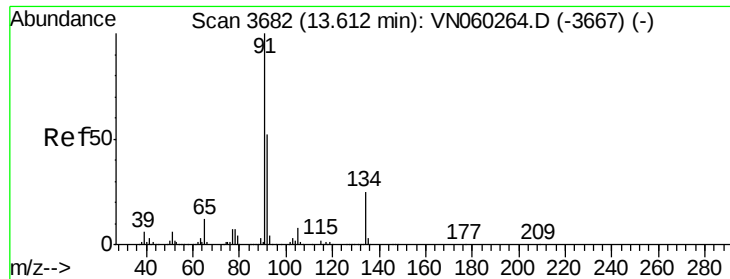
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 45.259 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.8	59.4
148	64.1	32.3	96.9





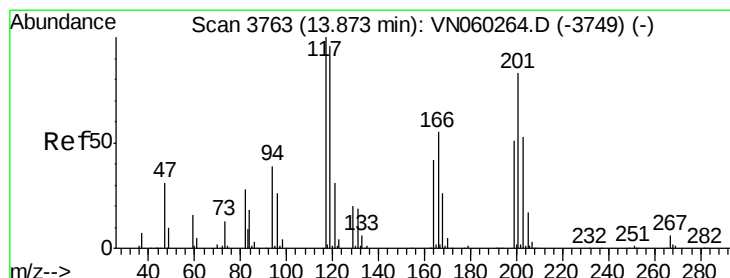
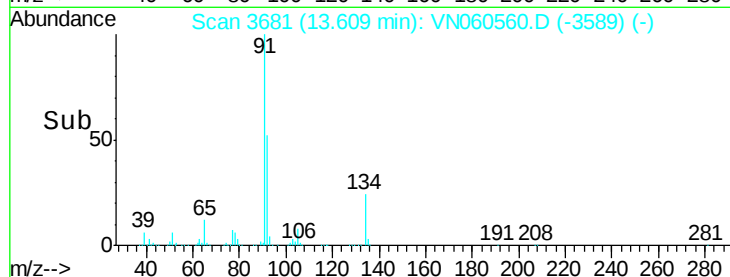
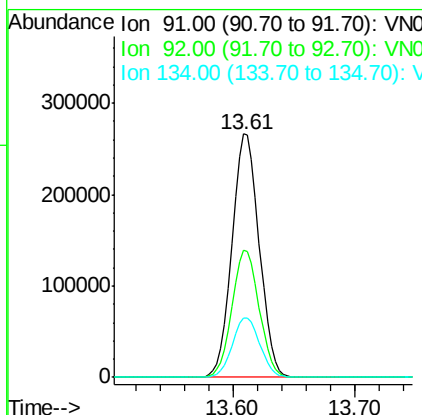
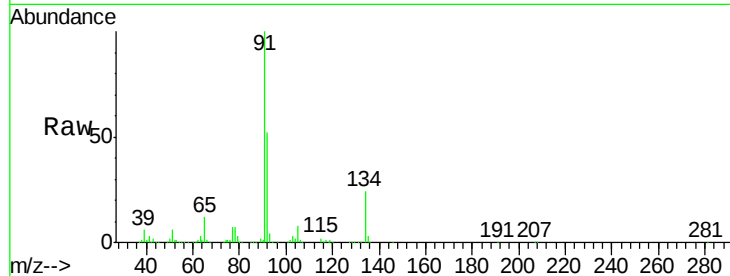
#89
n-Butylbenzene
Concen: 42.064 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.0	78.0
134	24.7	12.7	38.1

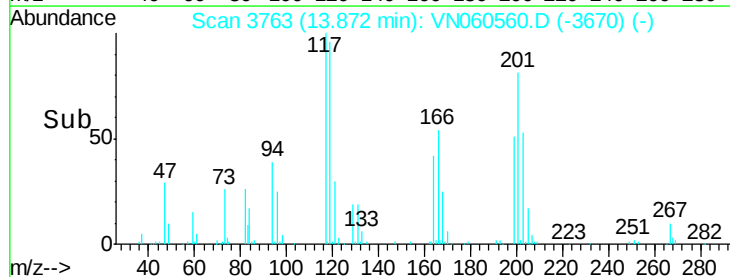
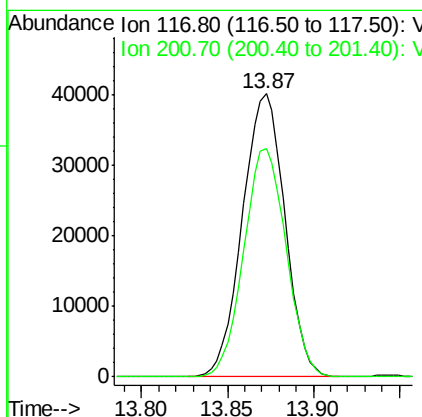
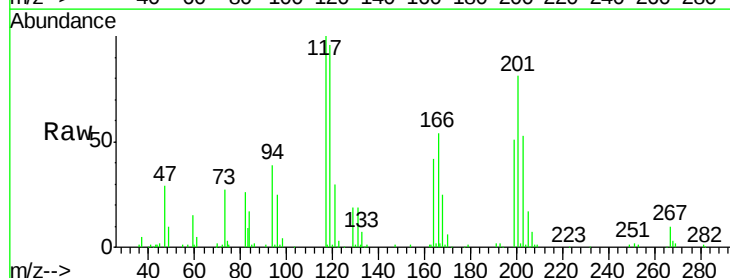
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#90
Hexachloroethane
Concen: 44.418 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN060560.D
Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.5	41.0	123.0





#91

1,2-Dichlorobenzene

Concen: 43.553 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

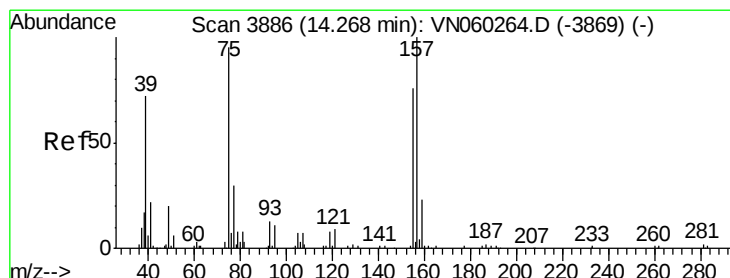
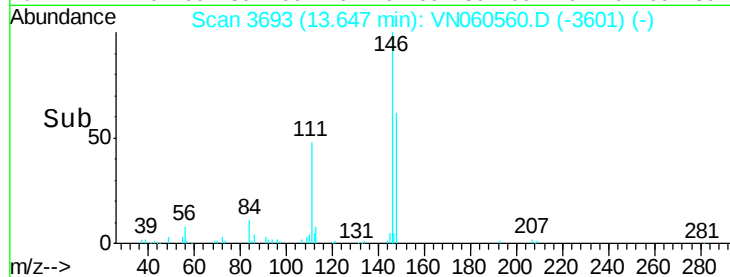
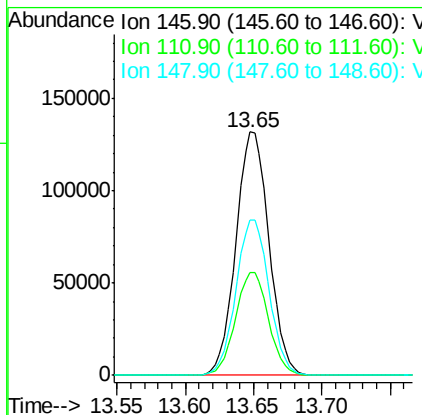
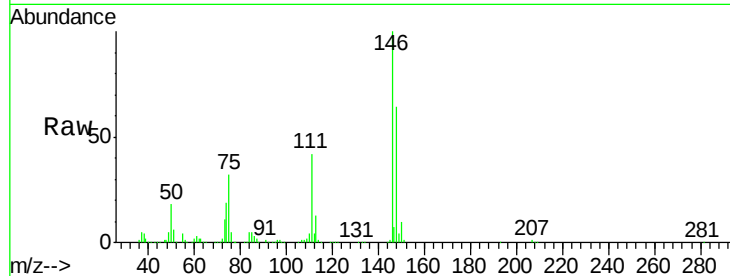
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	221481
Ion Ratio		Lower	Upper
146	100		
111	42.4	20.3	61.0
148	63.9	31.8	95.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.306 ug/l

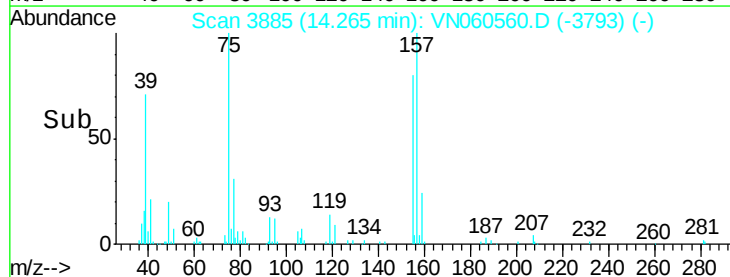
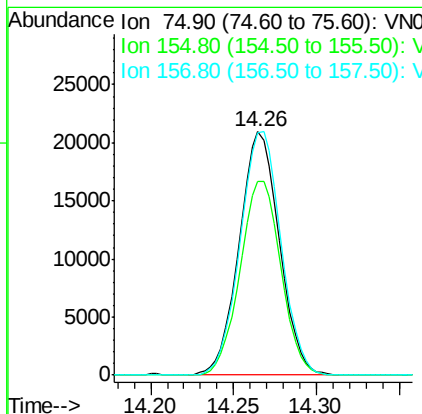
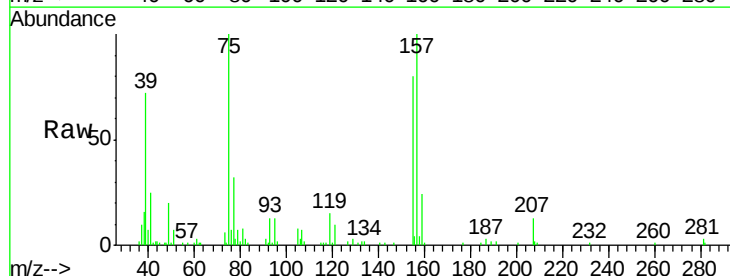
RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Tgt Ion:	75	Resp:	35205
Ion Ratio		Lower	Upper
75	100		
155	80.9	40.4	121.2
157	101.8	52.5	157.5





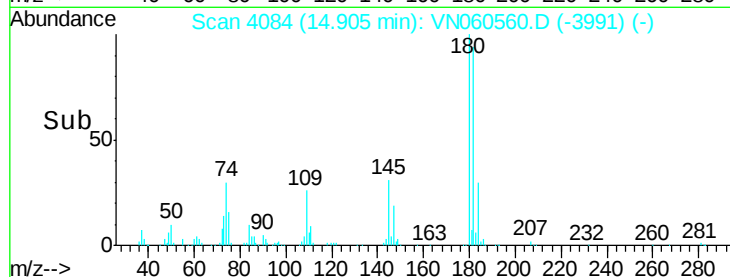
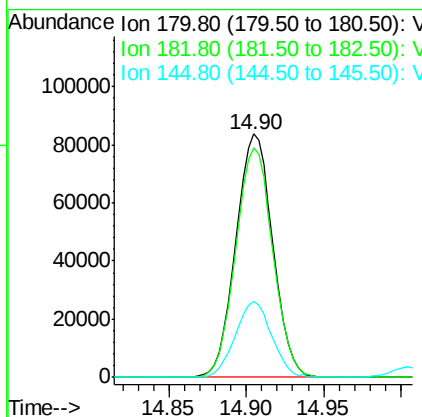
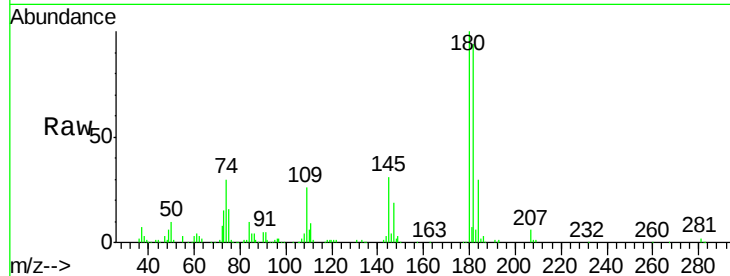
#93
 1,2,4-Trichlorobenzene
 Concen: 42.862 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	138459		
182	94.8	47.8	143.3	
145	31.0	15.4	46.1	

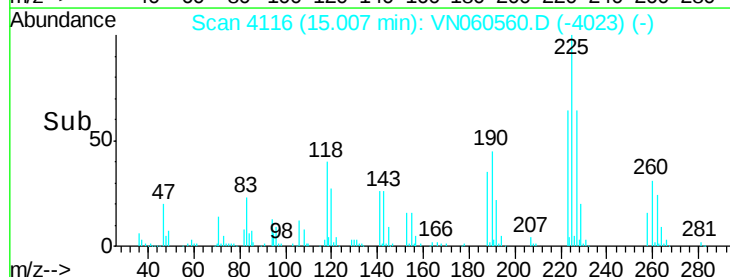
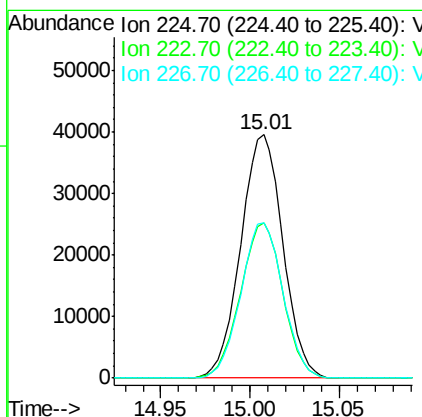
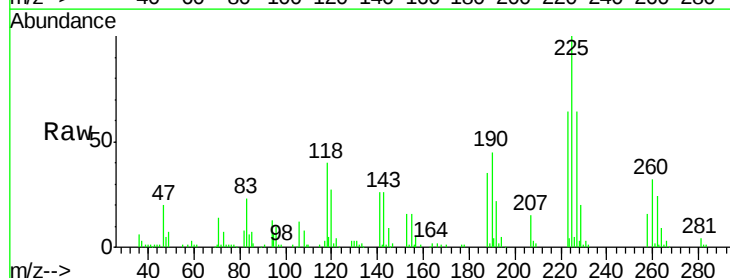
Manual Integrations
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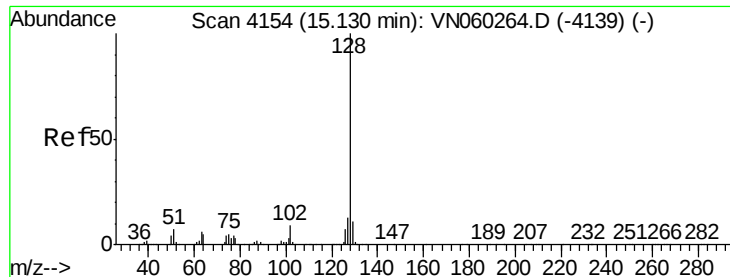
MMDadoda
 3/18/2020 5:34:51 PM



#94
 Hexachlorobutadiene
 Concen: 43.800 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060560.D
 Acq: 17 Mar 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	65165		
223	63.8	31.3	93.9	
227	63.7	32.3	96.9	





#95

Naphthalene

Concen: 45.407 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Instrument :

MSVOA_N

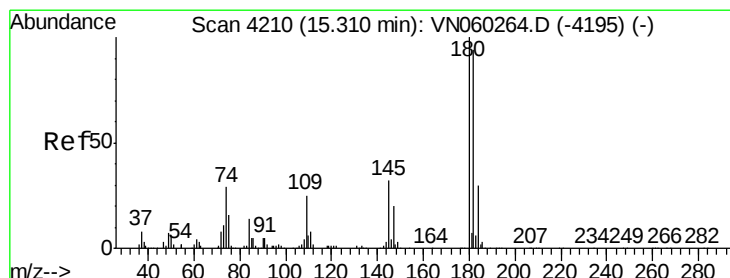
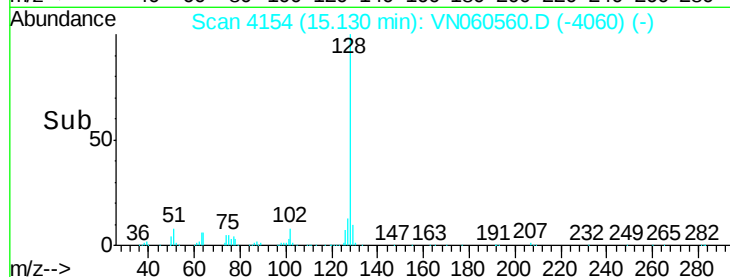
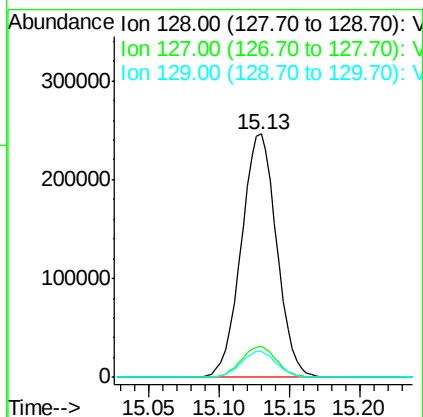
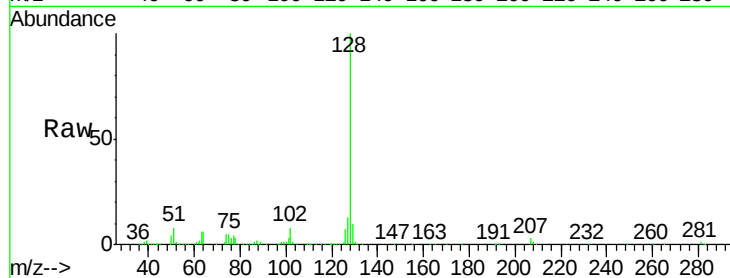
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	432407
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/18/2020 5:34:51 PM



#96

1,2,3-Trichlorobenzene

Concen: 43.849 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060560.D

Acq: 17 Mar 2020 16:34

Tgt Ion:	180	Resp:	133506
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.3	142.0
145	32.2	16.2	48.5

