

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031120\
 Data File : VN060462.D
 Acq On : 11 Mar 2020 19:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/12/2020 2:45:34 PM

Quant Time: Mar 12 04:59:03 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	189237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	319202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	302919	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147853	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	126650	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
35) Dibromofluoromethane	7.56	113	93239	62.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.86%	
50) Toluene-d8	10.08	98	367946	49.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	12.40	95	142345	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	68179	39.296	ug/l	98
3) Chloromethane	2.04	50	130913	43.338	ug/l	99
4) Vinyl Chloride	2.16	62	106186	40.989	ug/l	99
5) Bromomethane	2.53	94	44926	42.734	ug/l	99
6) Chloroethane	2.68	64	61039	43.487	ug/l	94
7) Trichlorofluoromethane	3.00	101	142607	43.085	ug/l	99
8) Diethyl Ether	3.38	74	58509	46.819	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	83214	44.424	ug/l	99
10) Methyl Iodide	3.93	142	59648	34.890	ug/l	99
11) Tert butyl alcohol	4.73	59	100255	278.086	ug/l	100
12) 1,1-Dichloroethene	3.71	96	82560	45.405	ug/l	98
13) Acrolein	3.58	56	93551	278.152	ug/l	99
14) Allyl chloride	4.29	41	144090	42.985	ug/l	92
15) Acrylonitrile	4.94	53	265879	279.797	ug/l	99
16) Acetone	3.78	43	215661	275.058	ug/l	99
17) Carbon Disulfide	4.03	76	198348	40.985	ug/l	100
18) Methyl Acetate	4.29	43	136127	52.026	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	324899	49.221	ug/l	98
20) Methylene Chloride	4.52	84	98781	45.875	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	90273	46.183	ug/l	99
22) Diisopropyl ether	5.91	45	348958	51.393	ug/l	98
23) Vinyl Acetate	5.86	43	1406604	260.699	ug/l	99
24) 1,1-Dichloroethane	5.81	63	188739	49.105	ug/l	100
25) 2-Butanone	6.80	43	362717	286.408	ug/l	99
26) 2,2-Dichloropropane	6.80	77	142428	40.704	ug/l	98
27) cis-1,2-Dichloroethene	6.80	96	111580	44.689	ug/l	100
28) Bromochloromethane	7.17	49	77518	49.122	ug/l	95
29) Tetrahydrofuran	7.18	42	242252	275.083	ug/l	99
30) Chloroform	7.35	83	188760	49.334	ug/l	100
31) Cyclohexane	7.63	56	153841	46.818	ug/l	99
32) 1,1,1-Trichloroethane	7.55	97	161873	47.750	ug/l	100
36) 1,1-Dichloropropene	7.77	75	132136	43.435	ug/l	99
37) Ethyl Acetate	6.90	43	152007	52.770	ug/l	100
38) Carbon Tetrachloride	7.75	117	131727	44.474	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	145165	40.471	ug/l	98
40) Benzene	8.02	78	408327	46.116	ug/l	99
41) Methacrylonitrile	7.15	41	74685m	56.152	ug/l	
42) 1,2-Dichloroethane	8.10	62	150393	47.069	ug/l	99
43) Isopropyl Acetate	8.14	43	262188	51.992	ug/l	99
44) Trichloroethene	8.82	130	106129	43.037	ug/l	98
45) 1,2-Dichloropropane	9.10	63	115338	49.822	ug/l	99
46) Dibromomethane	9.19	93	71746	47.763	ug/l	99
47) Bromodichloromethane	9.39	83	151498	49.589	ug/l	99
48) Methyl methacrylate	9.18	41	116041	50.461	ug/l	99
49) 1,4-Dioxane	9.18	88	35437	1095.803	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	785915	274.870	ug/l	100
52) Toluene	10.14	92	255294	45.900	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	170122	45.445	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	179683	46.322	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	105735	47.273	ug/l	98
56) Ethyl methacrylate	10.42	69	166464	51.803	ug/l	96
57) 1,3-Dichloropropane	10.70	76	182349	49.991	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.68	63	426224	253.611	ug/l	98
59) 2-Hexanone	10.74	43	575725	274.245	ug/l	99
60) Dibromochloromethane	10.89	129	113919	50.082	ug/l	100
61) 1,2-Dibromoethane	10.99	107	107451	49.280	ug/l	97
64) Tetrachloroethene	10.62	164	101193	42.208	ug/l	99
65) Chlorobenzene	11.43	112	269785	44.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	106893	47.264	ug/l	98
67) Ethyl Benzene	11.50	91	499979	44.885	ug/l	100
68) m/p-Xylenes	11.61	106	370162	88.078	ug/l	100
69) o-Xylene	11.94	106	181039	45.174	ug/l	100
70) Styrene	11.96	104	304082	46.150	ug/l	100
71) Bromoform	12.12	173	83226	51.060	ug/l #	100
73) Isopropylbenzene	12.24	105	490819	44.788	ug/l	100
74) N-amyl acetate	12.06	43	233143	48.686	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	157611	52.910	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	141628m	43.660	ug/l	
77) Bromobenzene	12.52	156	118794	44.223	ug/l	96
78) n-propylbenzene	12.59	91	571740	44.509	ug/l	99
79) 2-Chlorotoluene	12.67	91	339434	44.953	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	412606	44.719	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	56252	47.869	ug/l #	85
82) 4-Chlorotoluene	12.77	91	354256	44.530	ug/l	98
83) tert-Butylbenzene	12.99	119	352803	44.164	ug/l	99
84) 1,2,4-Trimethylbenzene	13.03	105	414858	44.546	ug/l	99
85) sec-Butylbenzene	13.17	105	471135	44.042	ug/l	99
86) p-Isopropyltoluene	13.28	119	418475	42.265	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	213397	46.217	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	210460	45.826	ug/l	99
89) n-Butylbenzene	13.61	91	376163	41.387	ug/l	99
90) Hexachloroethane	13.87	117	64905	45.288	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	208783	44.356	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	32585	48.304	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	129519	43.316	ug/l	99
94) Hexachlorobutadiene	15.01	225	58589	42.529	ug/l	99
95) Naphthalene	15.13	128	398453	45.203	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	125003	44.358	ug/l	99

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

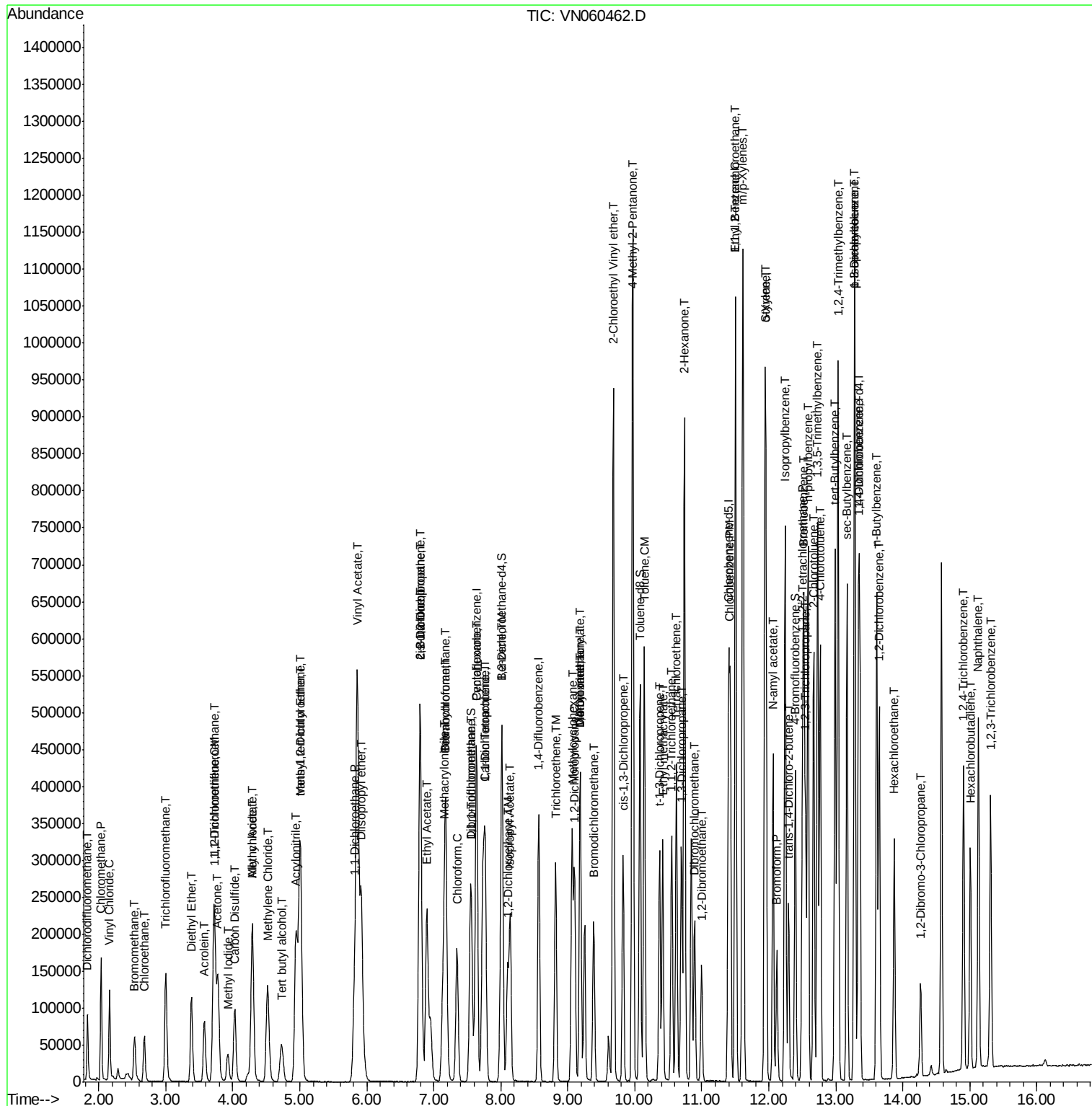
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 189237

Ion Ratio Lower Upper

168 100

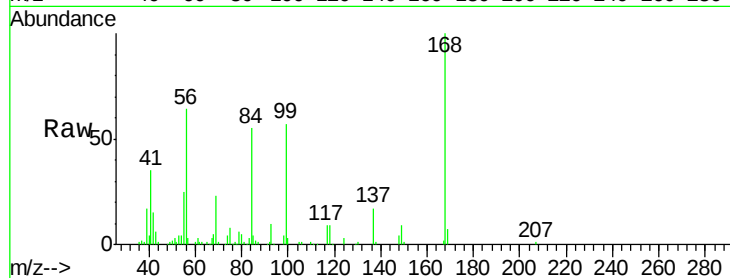
99 57.1 44.7 67.1

Manual Integrations

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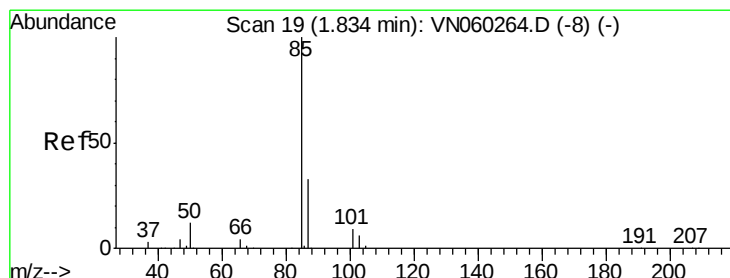
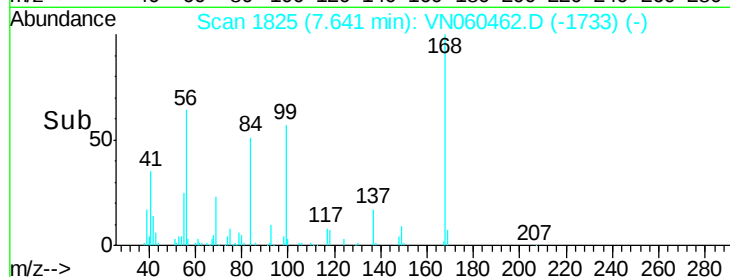
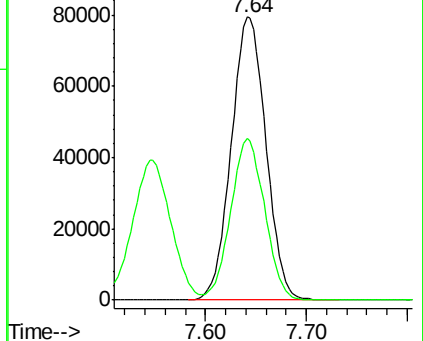
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 39.296 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060462.D

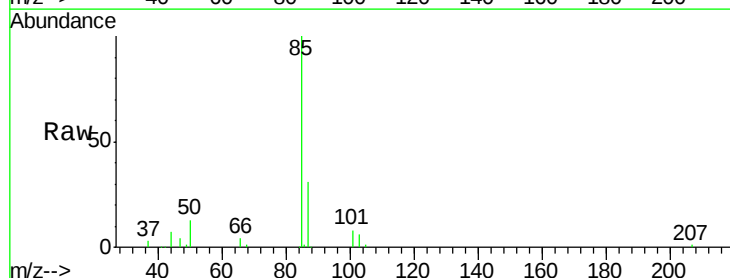
Acq: 11 Mar 2020 19:43

Tgt Ion: 85 Resp: 68179

Ion Ratio Lower Upper

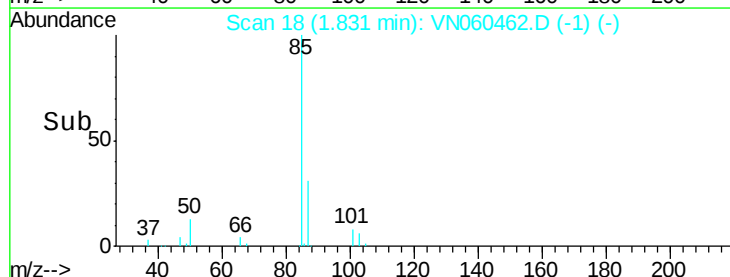
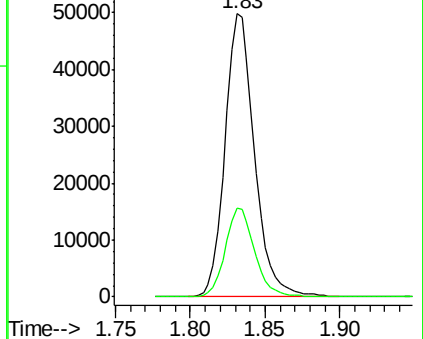
85 100

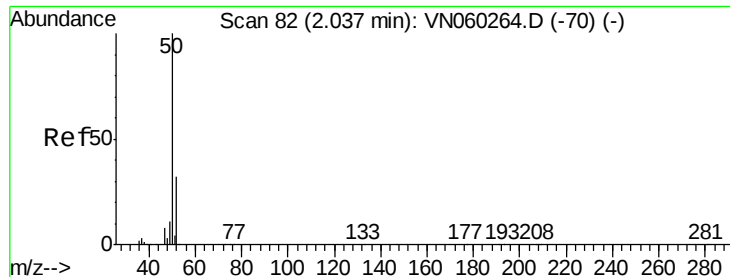
87 31.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.338 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 130913

Ion Ratio Lower Upper

50 100

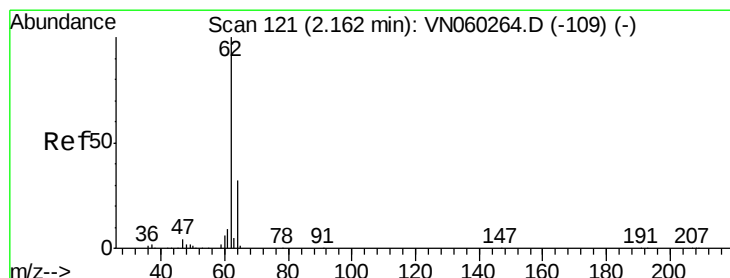
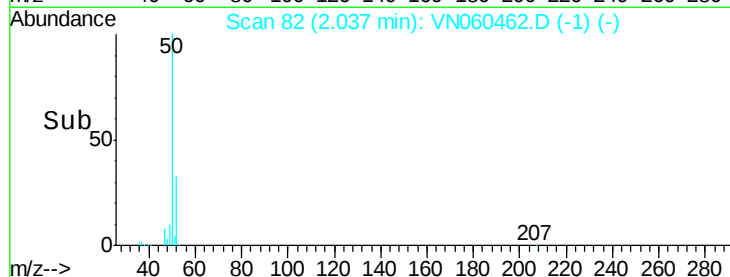
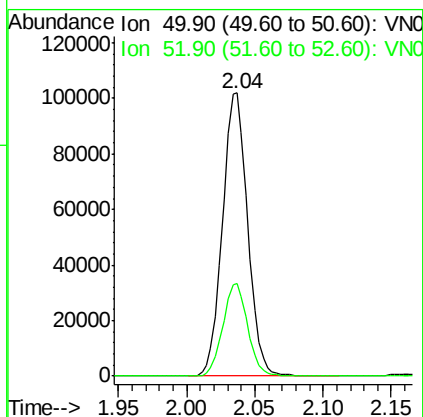
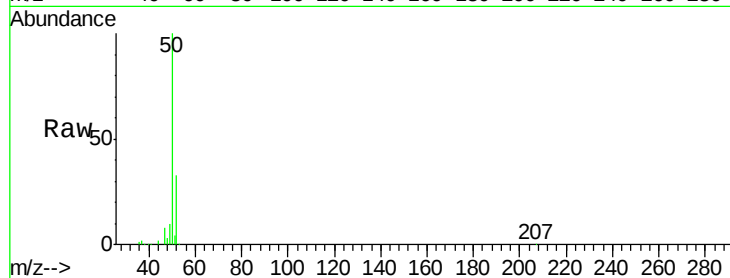
52 32.8 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.989 ug/l

RT: 2.16 min Scan# 121

Delta R.T. -0.00 min

Lab File: VN060462.D

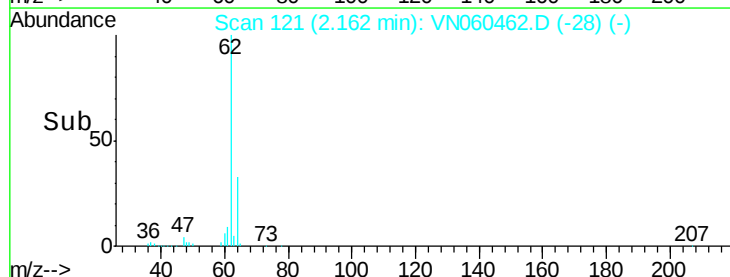
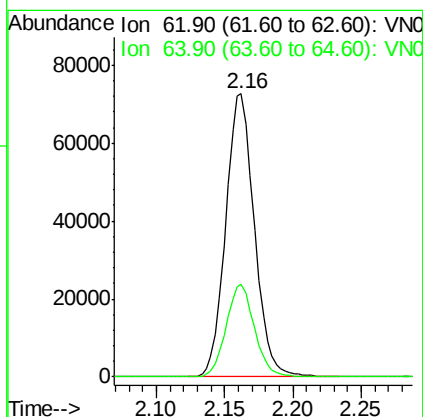
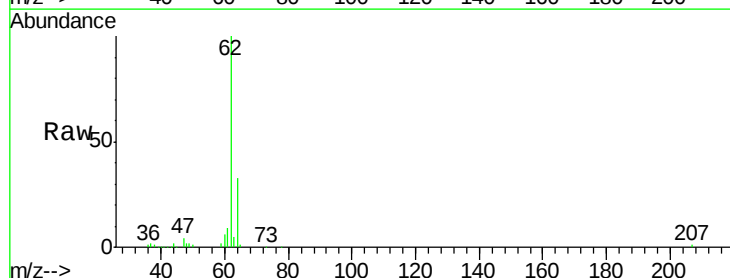
Acq: 11 Mar 2020 19:43

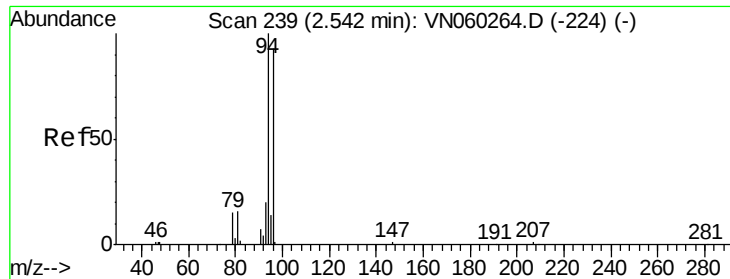
Tgt Ion: 62 Resp: 106186

Ion Ratio Lower Upper

62 100

64 32.7 25.5 38.3





#5

Bromomethane

Concen: 42.734 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.01 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

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Tot Ion: 94 Resp: 44926

Ion Ratio Lower Upper

94 100

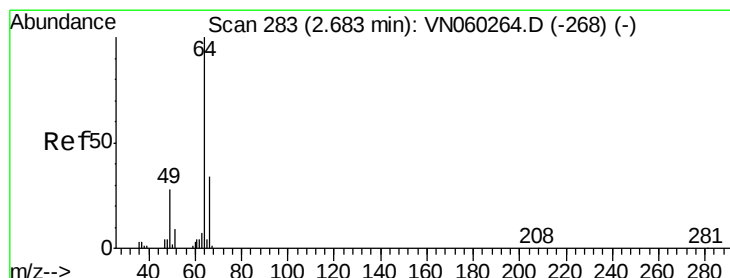
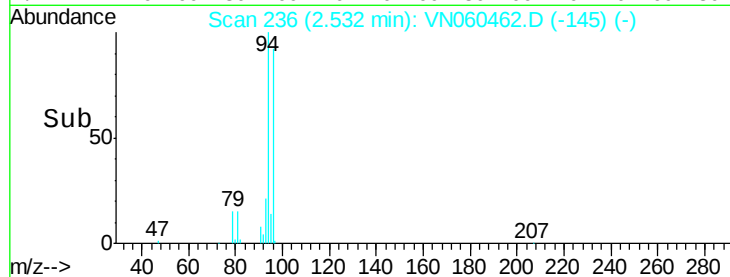
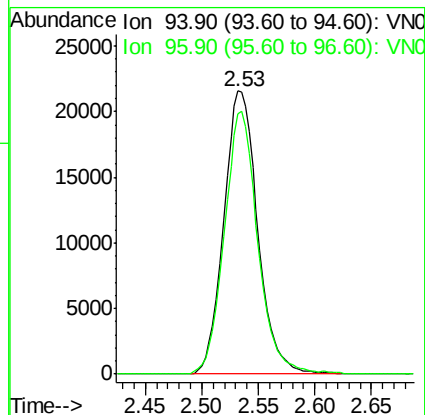
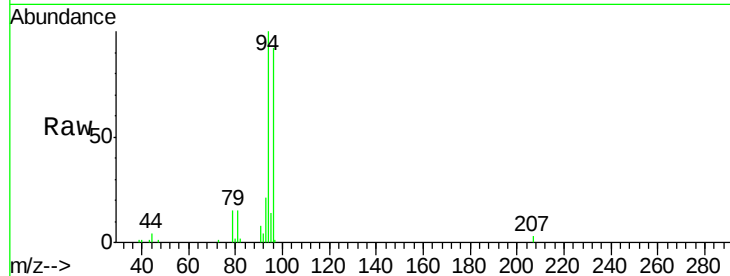
96 91.9 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 43.487 ug/l

RT: 2.68 min Scan# 282

Delta R.T. -0.00 min

Lab File: VN060462.D

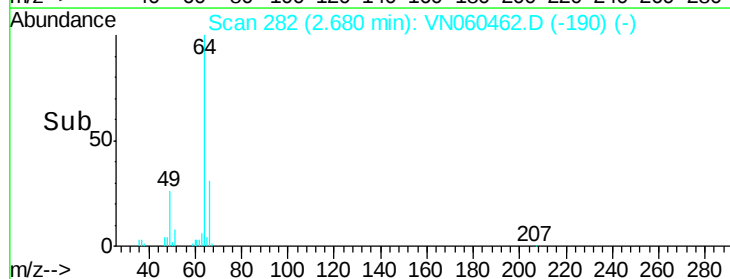
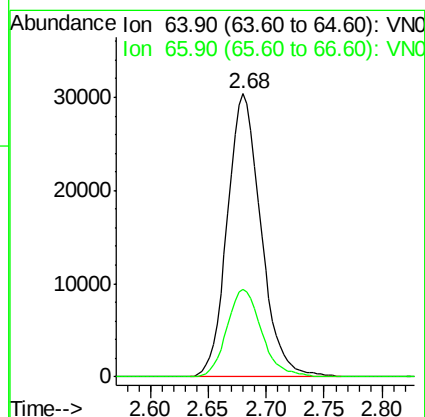
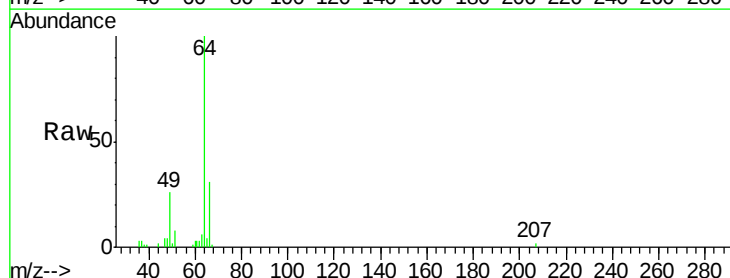
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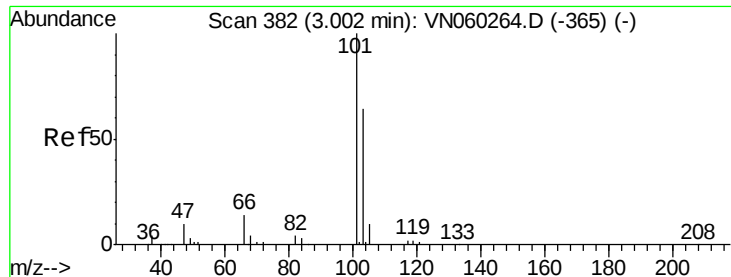
Tgt Ion: 64 Resp: 61039

Ion Ratio Lower Upper

64 100

66 30.7 27.4 41.2





#7

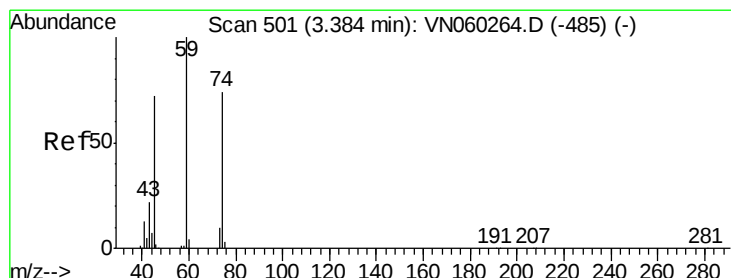
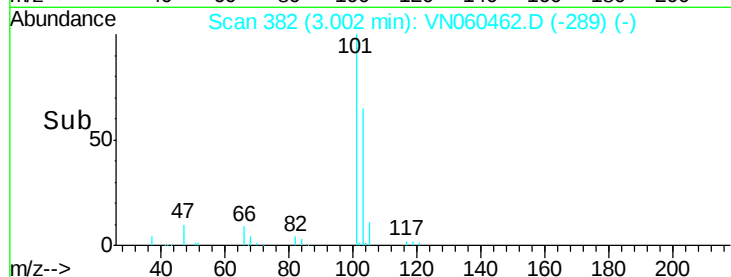
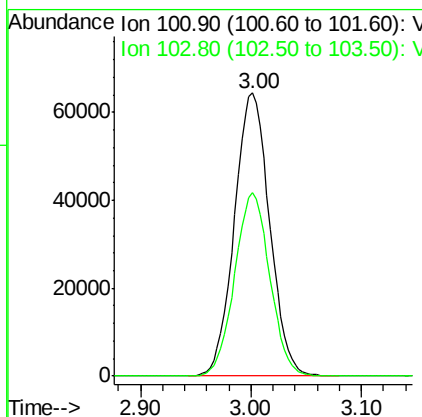
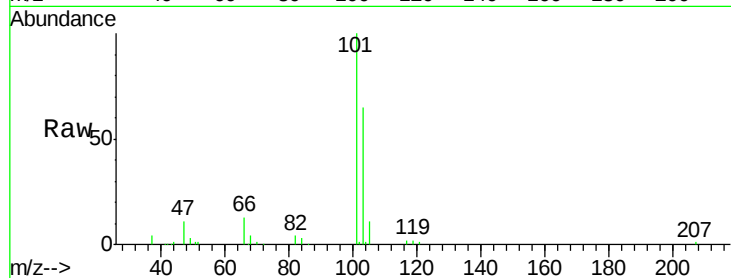
Trichlorofluoromethane
Concen: 43.085 ug/l
RT: 3.00 min Scan# 382
Delta R.T. -0.00 min
Lab File: VN060462.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.3	76.9

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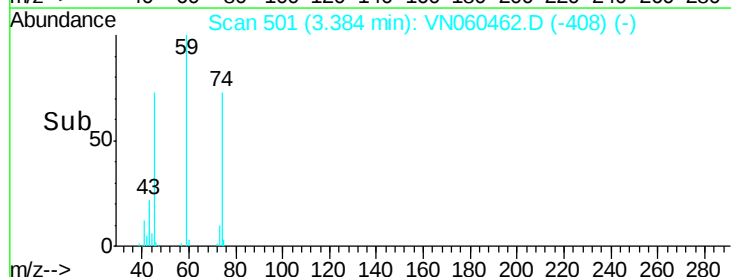
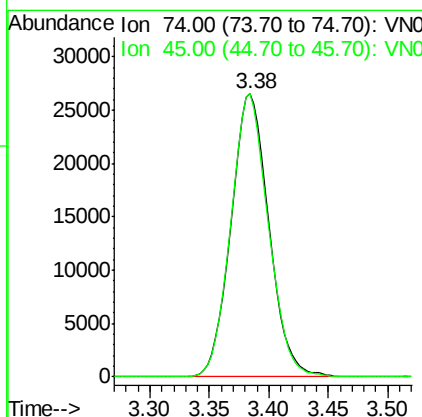
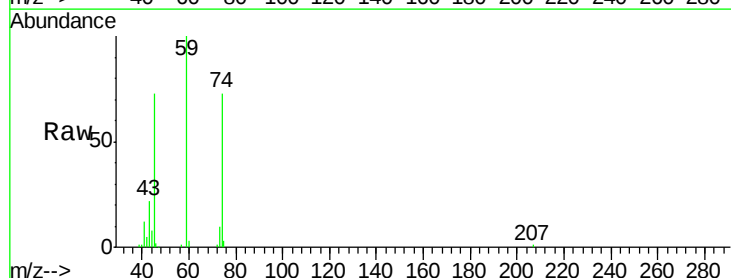
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#8

Diethyl Ether
Concen: 46.819 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN060462.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.424 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN060462.D

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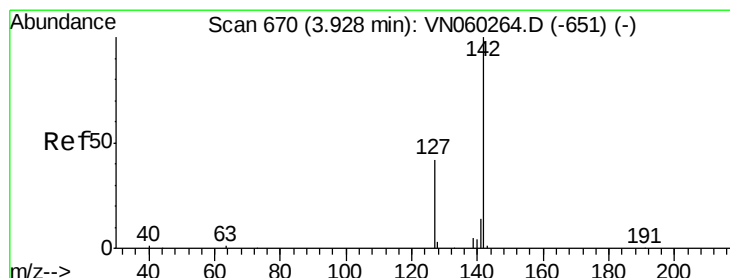
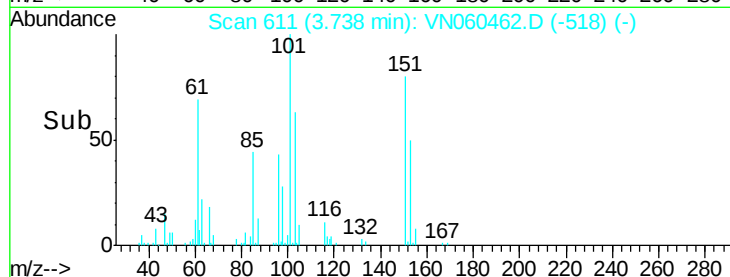
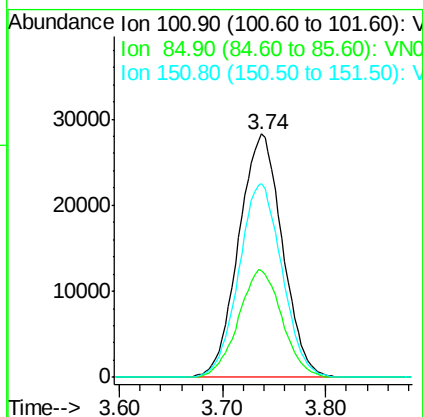
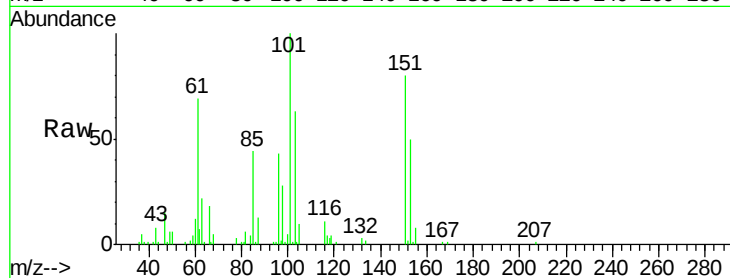
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	83214
Ion Ratio	Lower	Upper	
101	100		
85	43.9	35.4	53.2
151	78.7	62.0	93.0

Manual Integrations
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#10

Methyl Iodide

Concen: 34.890 ug/l

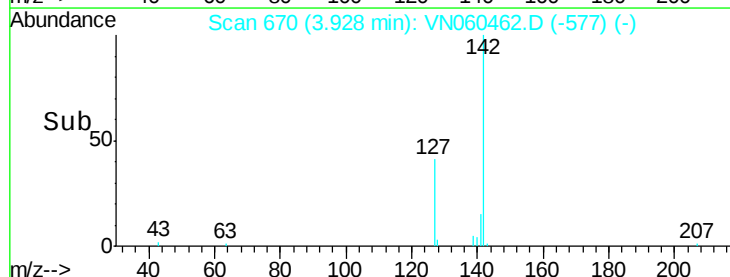
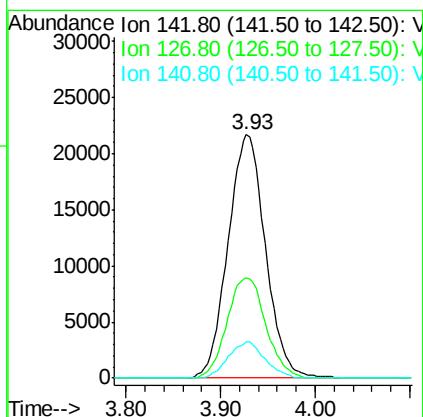
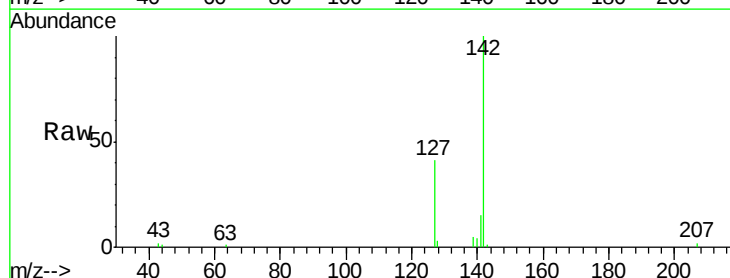
RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion:	142	Resp:	59648
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.8	50.6
141	14.5	11.1	16.7





#11

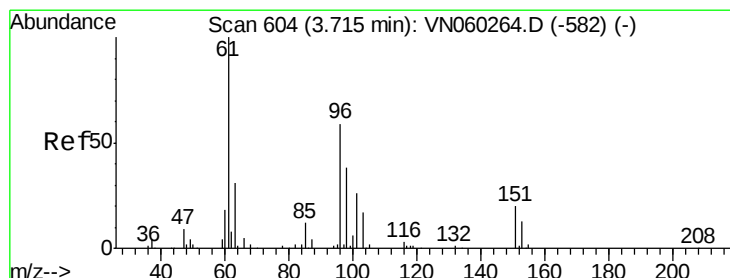
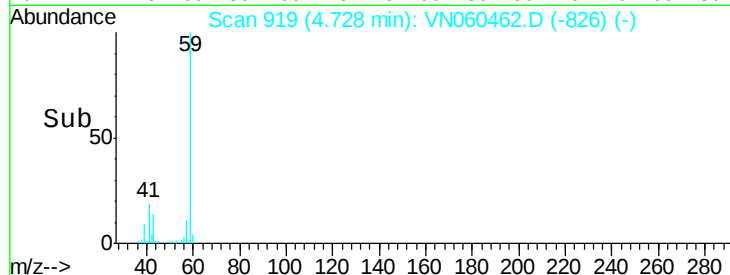
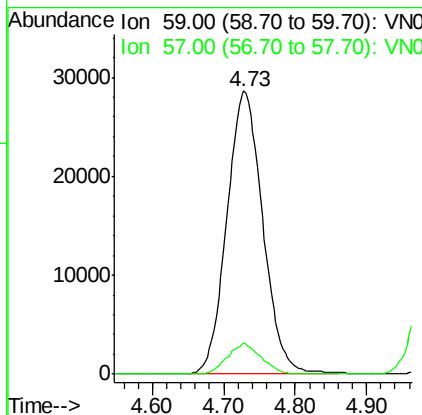
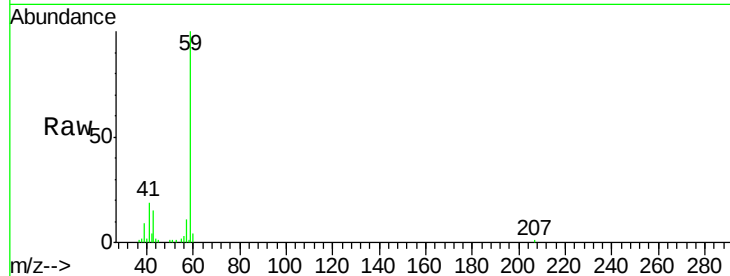
Tert butyl alcohol
 Concen: 278.086 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

Manual Integrations
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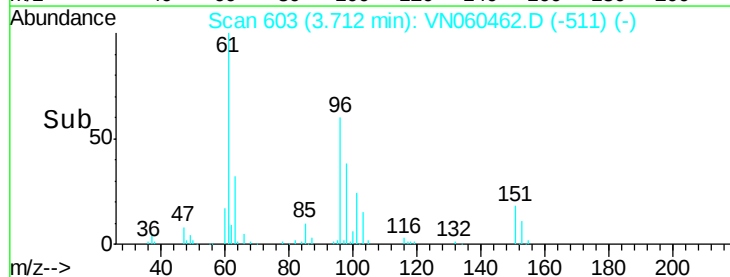
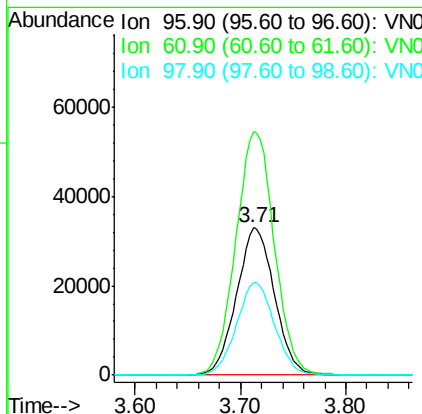
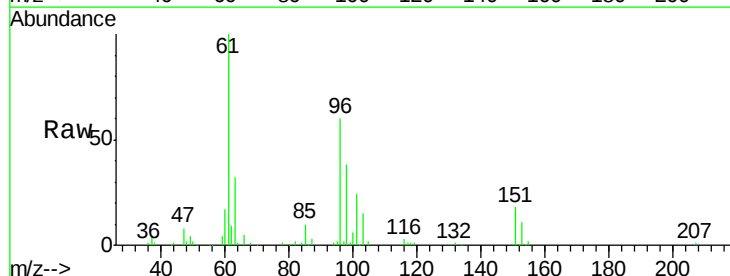
MMDadoda
 3/12/2020 2:45:34 PM



#12

1,1-Dichloroethene
 Concen: 45.405 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	165.5	135.4	203.0
98	63.2	51.6	77.4





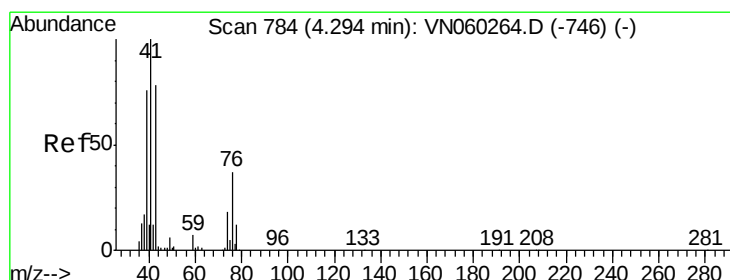
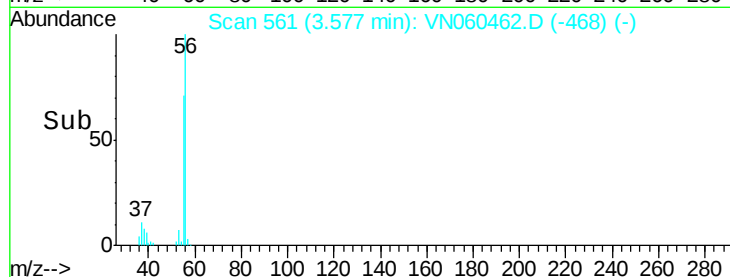
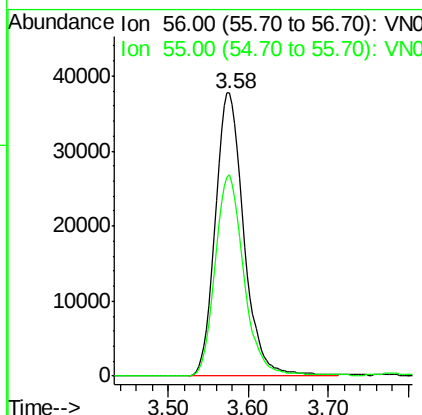
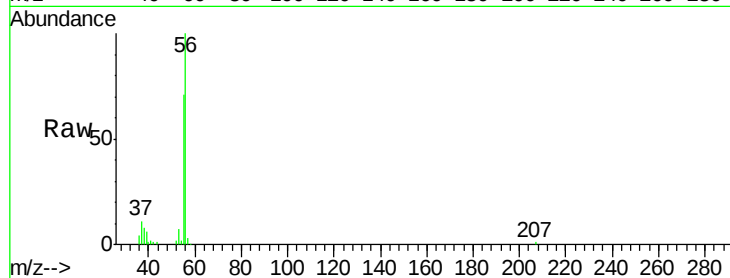
#13
Acrolein
Concen: 278.152 ug/l
RT: 3.58 min Scan# 561
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.1	57.4	86.0

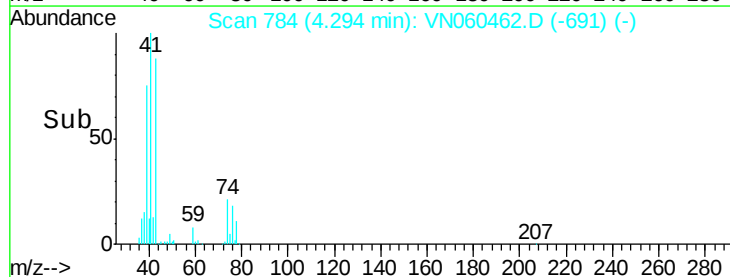
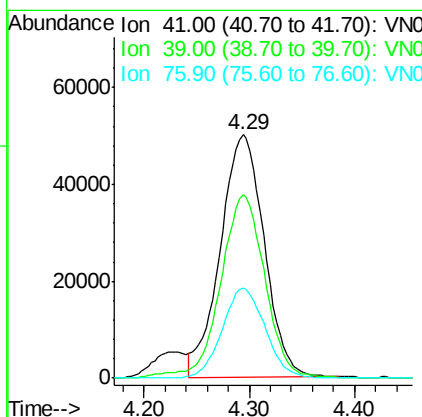
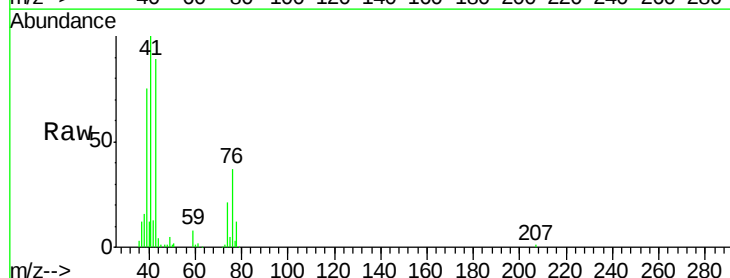
Manual Integrations
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#14
Allyl chloride
Concen: 42.985 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.7	55.4	83.2
76	36.2	27.0	40.6





#15

Acrylonitrile

Concen: 279.797 ug/l

RT: 4.94 min Scan# 986

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

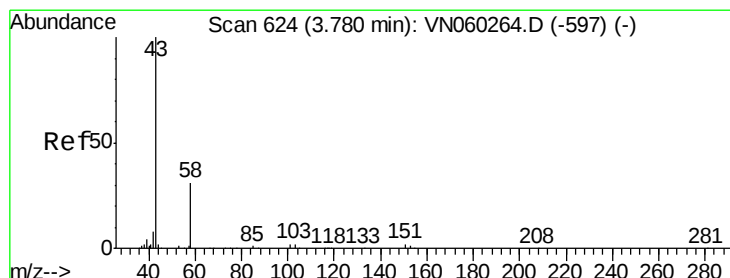
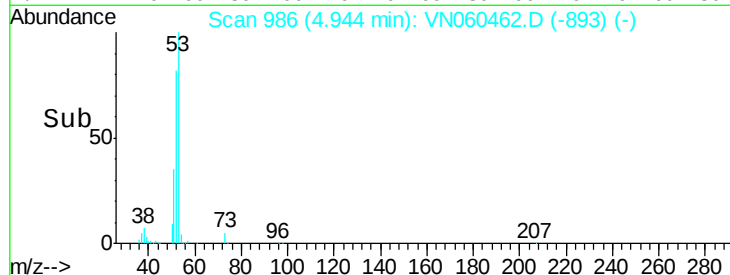
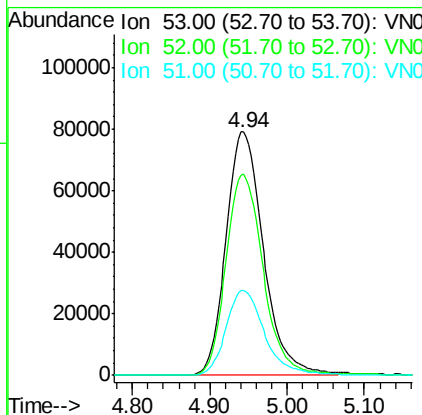
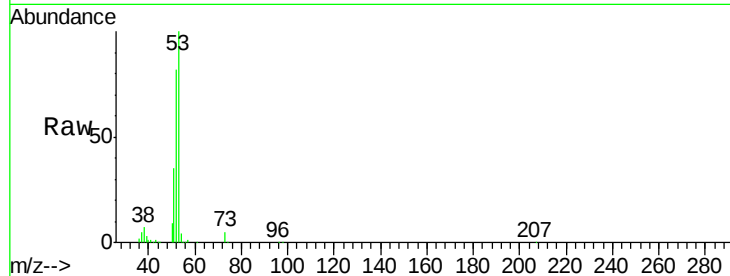
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	265879
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.8	100.2
51	36.2	29.0	43.6

Manual Integrations
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#16

Acetone

Concen: 275.058 ug/l

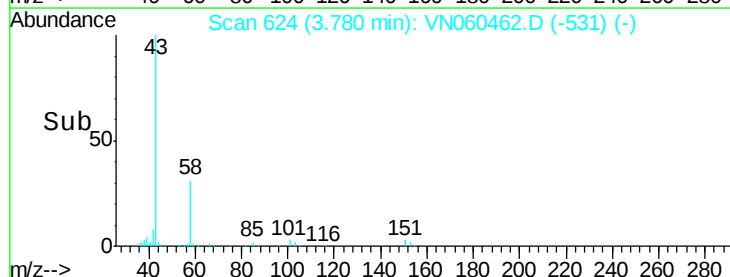
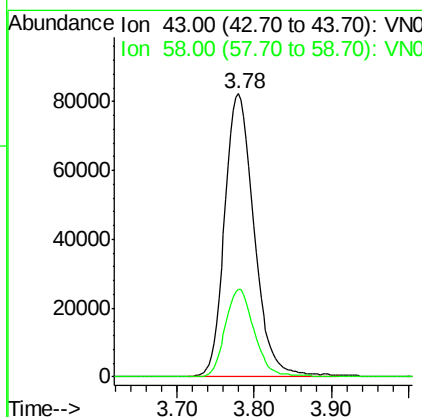
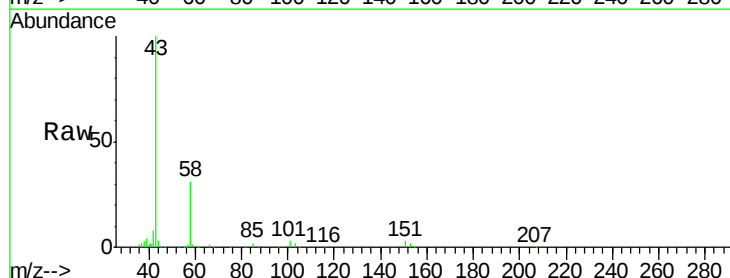
RT: 3.78 min Scan# 624

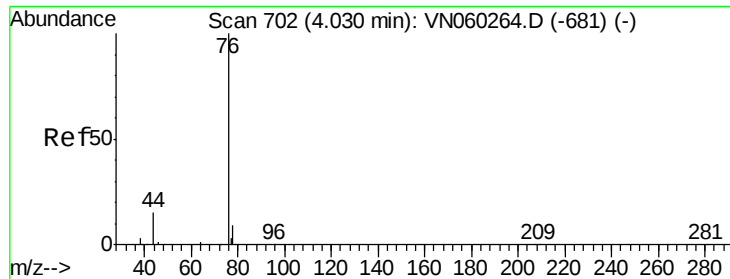
Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion:	43	Resp:	215661
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.6	36.8





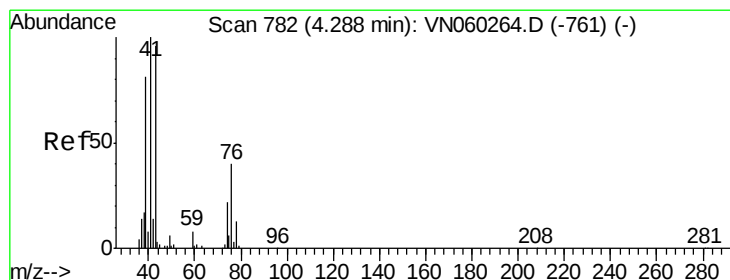
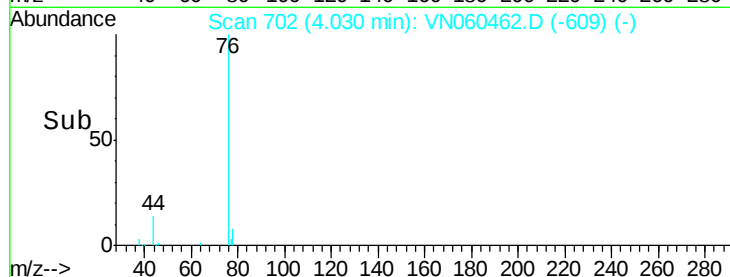
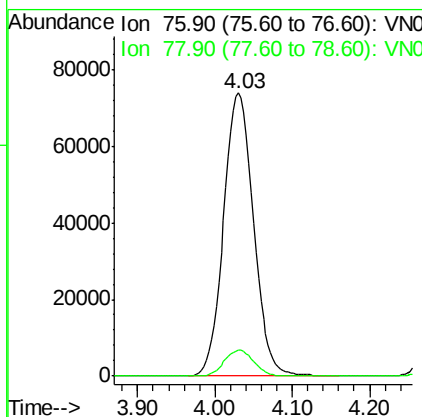
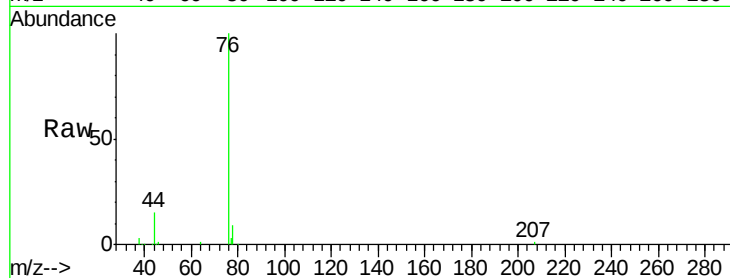
#17
Carbon Disulfide
Concen: 40.985 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

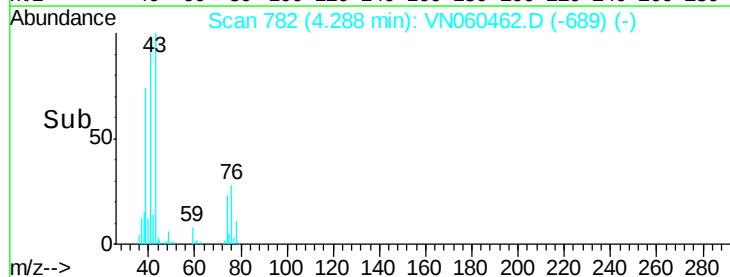
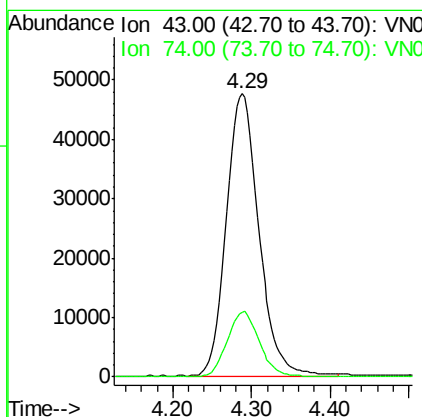
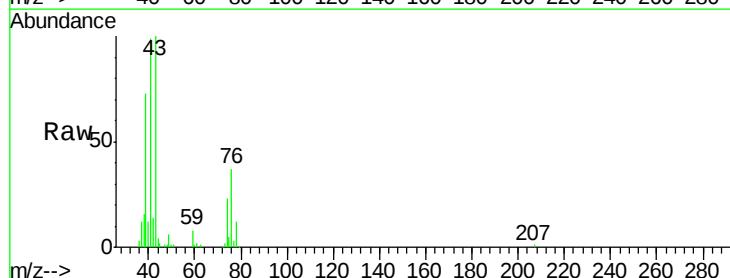
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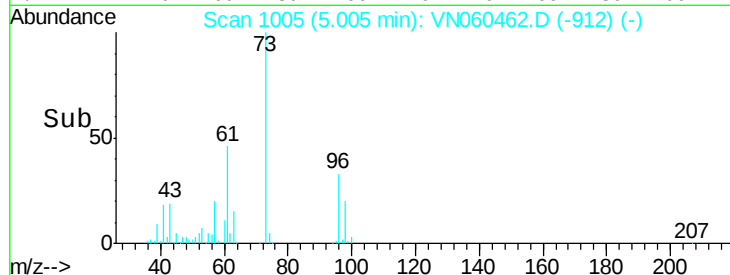
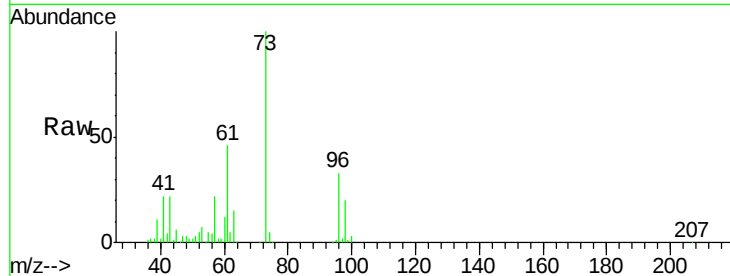
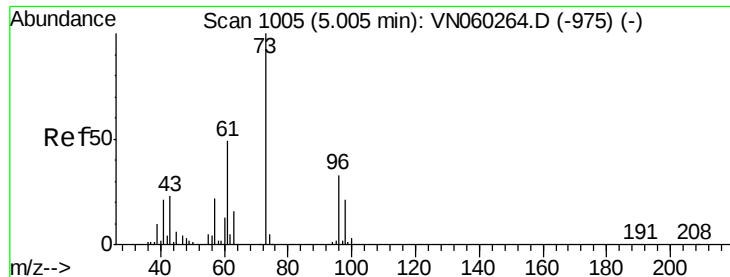
MMDadoda
3/12/2020 2:45:34 PM



#18
Methyl Acetate
Concen: 52.026 ug/l
RT: 4.29 min Scan# 782
Delta R.T. 0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.8	28.2





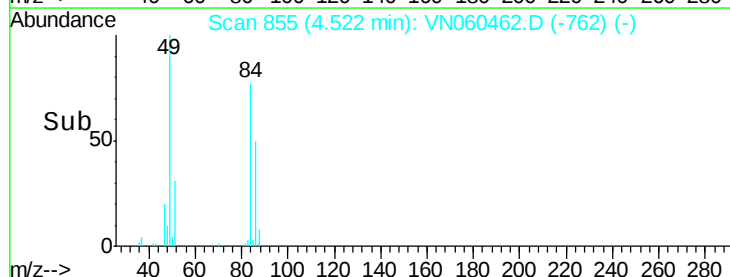
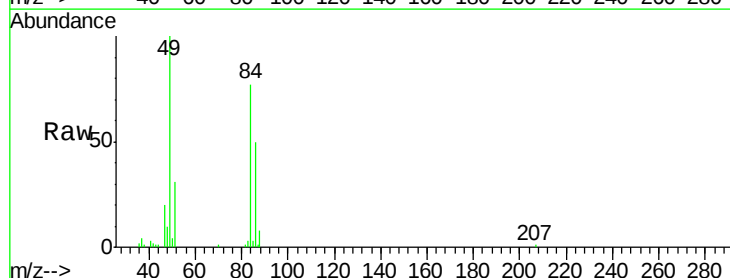
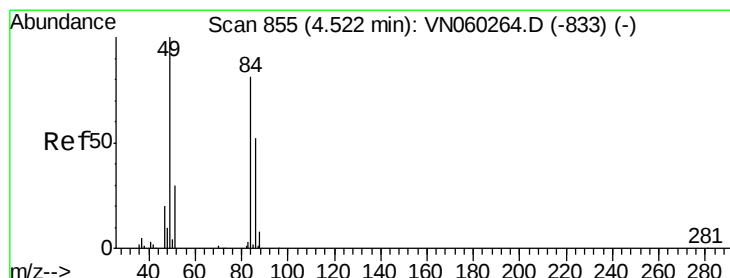
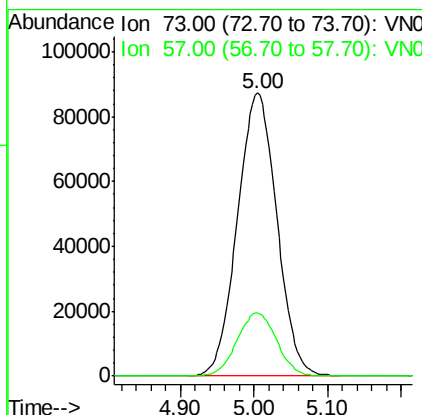
#19
Methvl tert-butvl Ether
Concen: 49.221 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tot Ion: 73 Resp: 324899
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

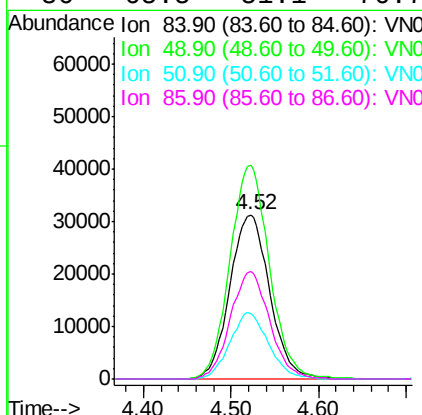
Manual Integrations
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#20
Methylene Chloride
Concen: 45.875 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion: 84 Resp: 98781
Ion Ratio Lower Upper
84 100
49 129.9 99.3 148.9
51 39.6 30.1 45.1
86 65.5 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 46.183 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 90273

Ion Ratio Lower Upper

96 100

61 140.0 113.8 170.8

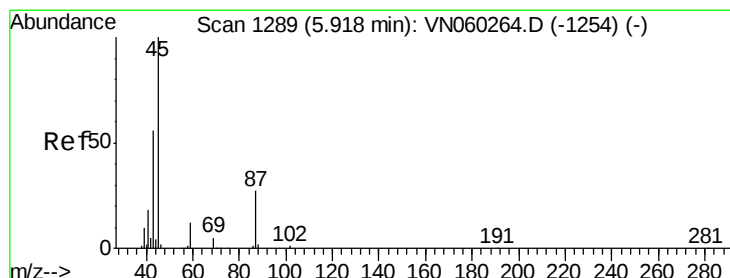
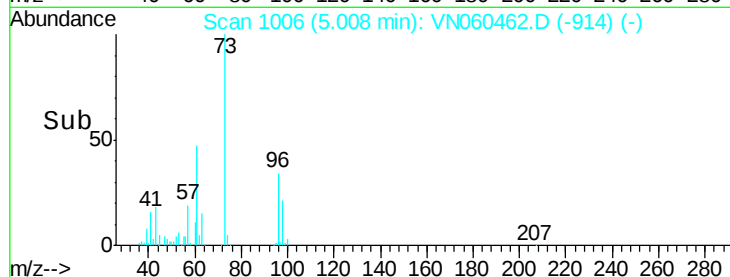
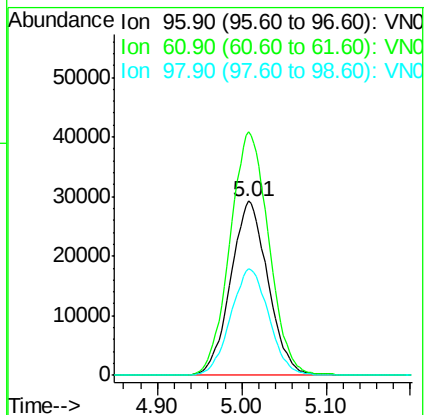
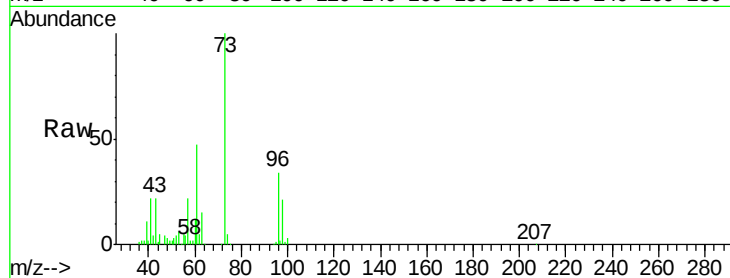
98 61.1 48.8 73.2

Manual Integrations

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#22

Diisopropyl ether

Concen: 51.393 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion: 45 Resp: 348958

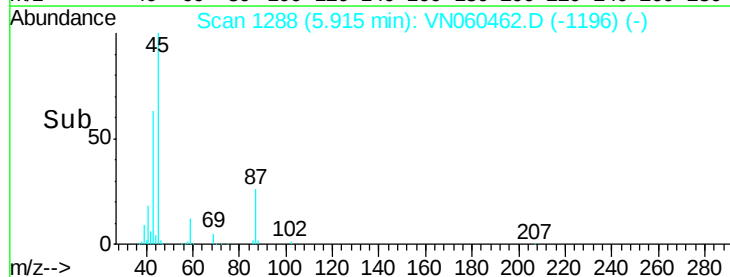
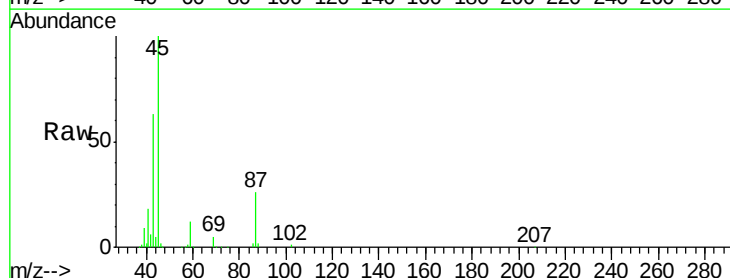
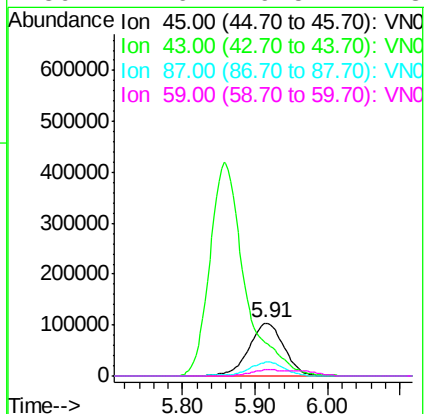
Ion Ratio Lower Upper

45 100

43 61.5 48.6 72.8

87 26.1 22.2 33.2

59 11.6 9.5 14.3





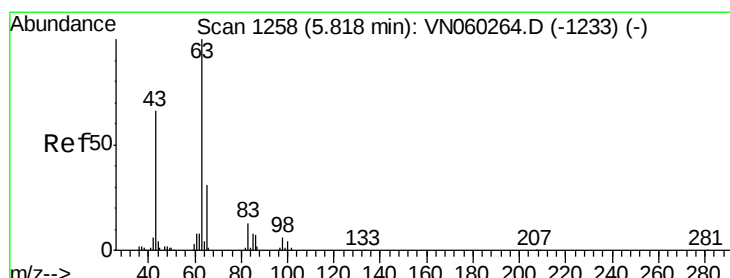
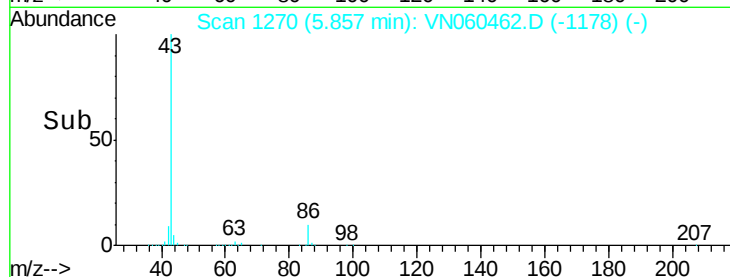
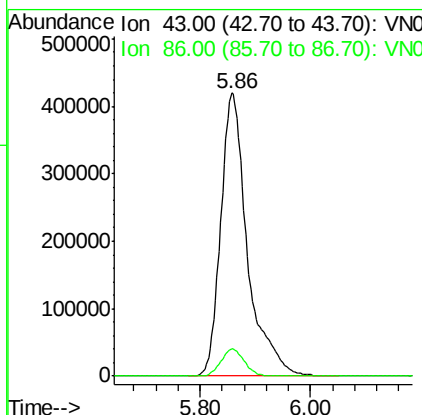
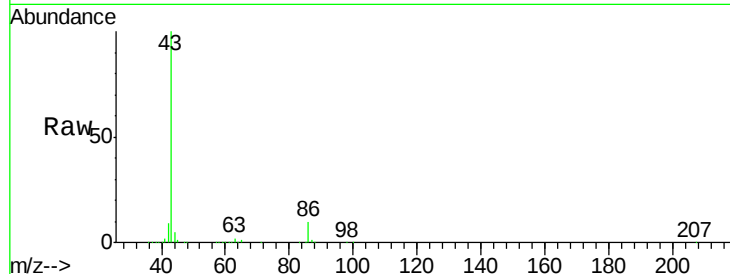
#23
 Vinyl Acetate
 Concen: 260.699 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1406604
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.0 12.0

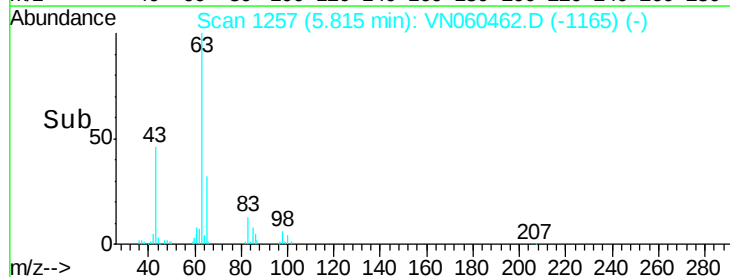
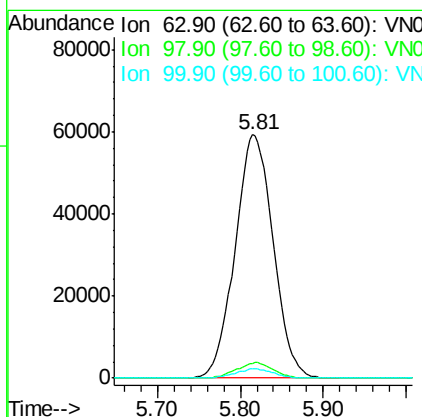
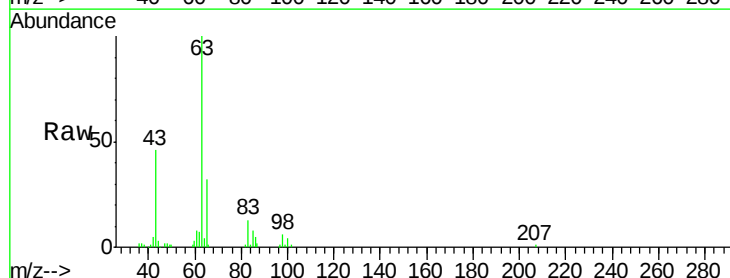
Manual Integrations
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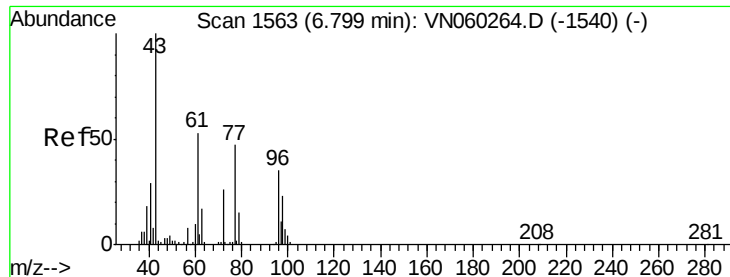
MMDadoda
 3/12/2020 2:45:34 PM



#24
 1,1-Dichloroethane
 Concen: 49.105 ug/l
 RT: 5.81 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion: 63 Resp: 188739
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.0 9.0
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 286.408 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 362717

Ion Ratio Lower Upper

43 100

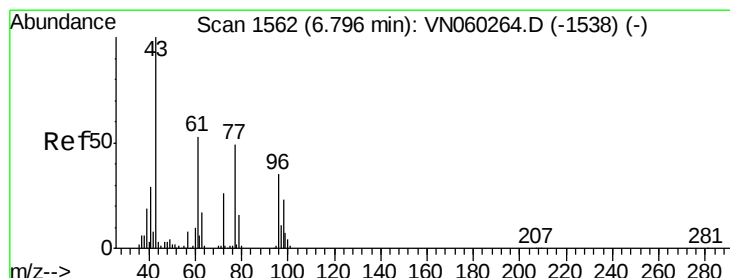
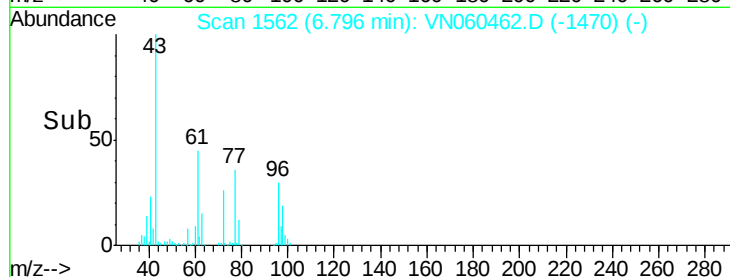
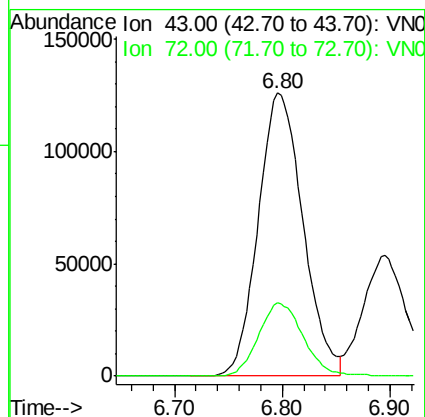
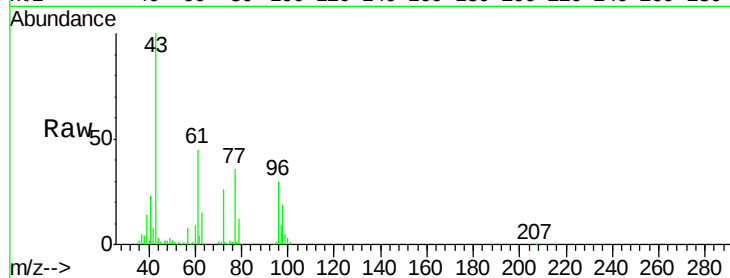
72 25.8 20.9 31.3

Manual Integrations

APPROVED

MMDadoda

3/12/2020 2:45:34 PM



#26

2,2-Dichloropropane

Concen: 40.704 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN060462.D

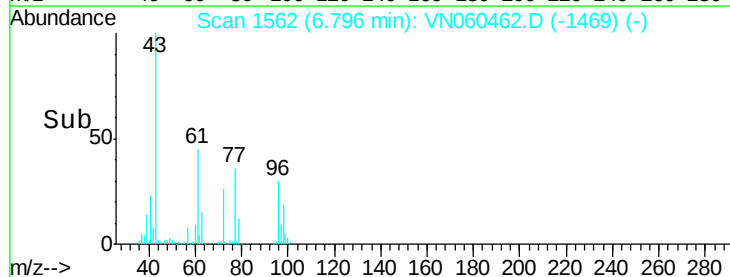
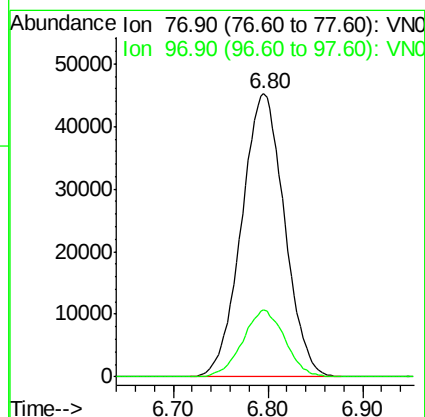
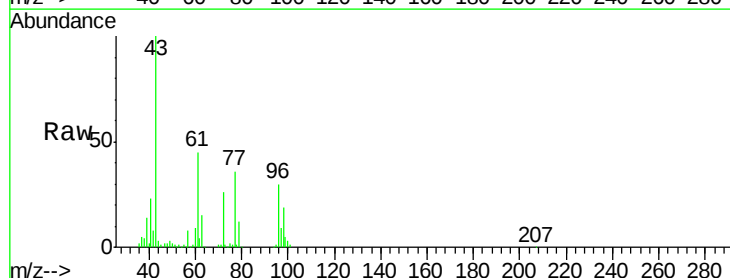
Acq: 11 Mar 2020 19:43

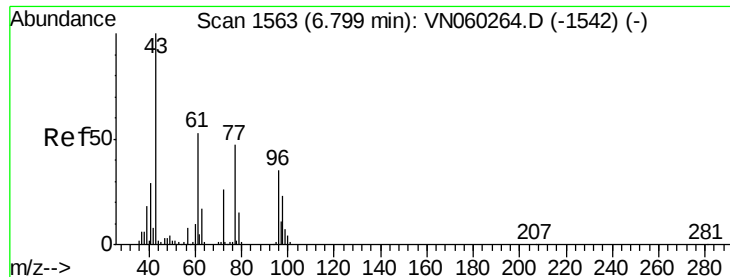
Tgt Ion: 77 Resp: 142428

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 44.689 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

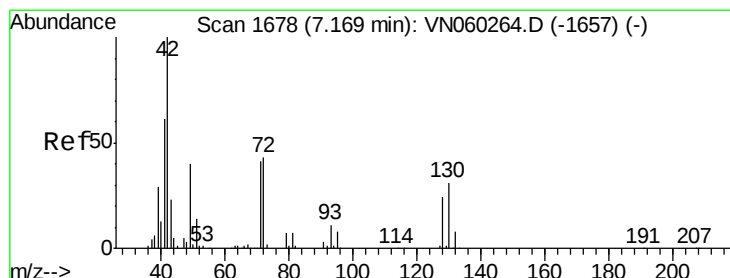
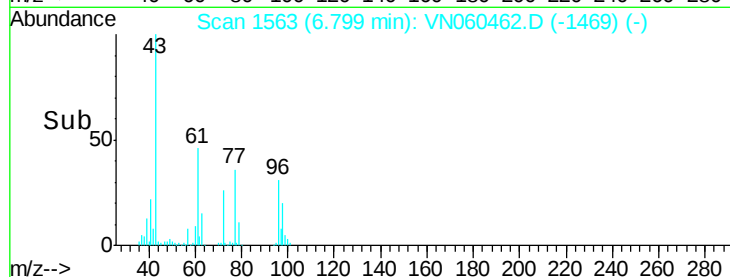
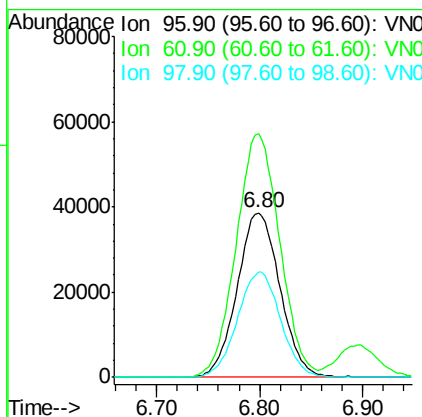
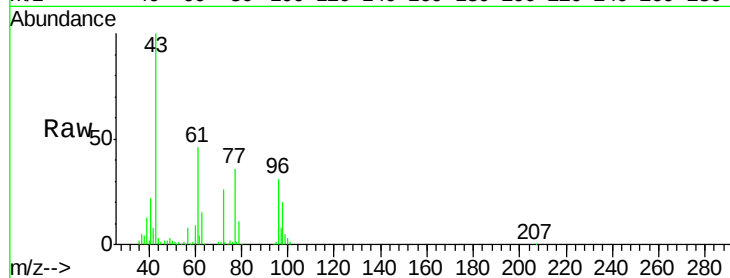
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	111580
Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	300.8
98	64.5	0.0	128.2

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#28

Bromochloromethane

Concen: 49.122 ug/l

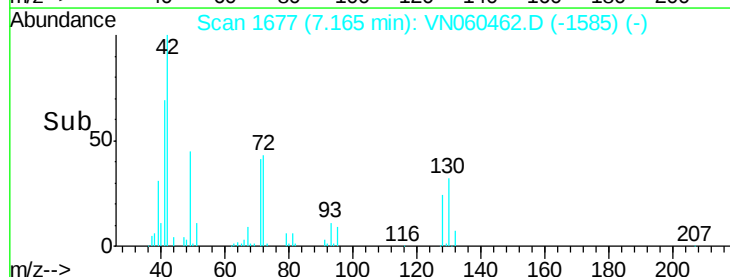
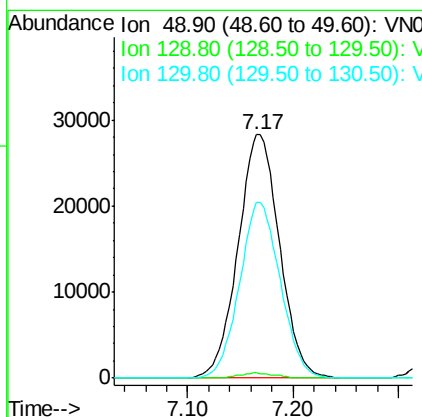
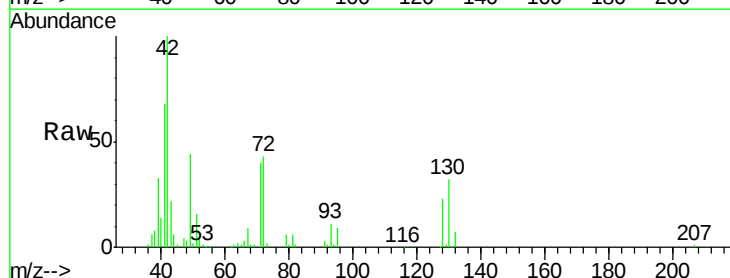
RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion:	49	Resp:	77518
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	70.5	59.8	89.8





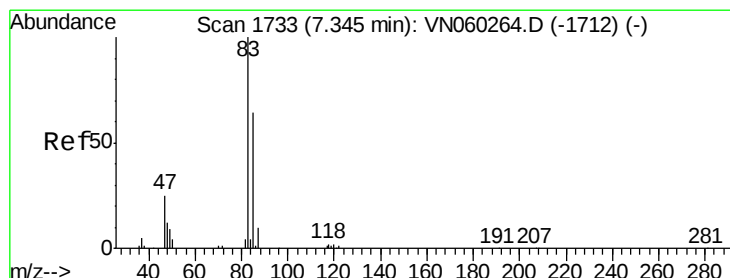
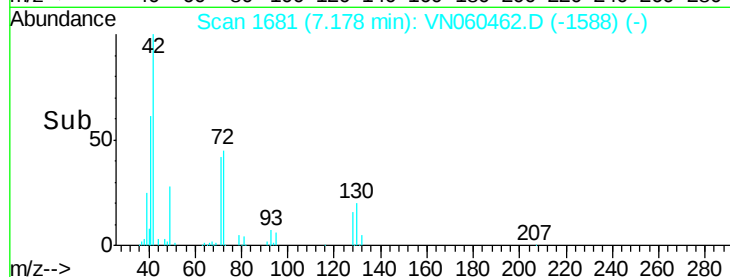
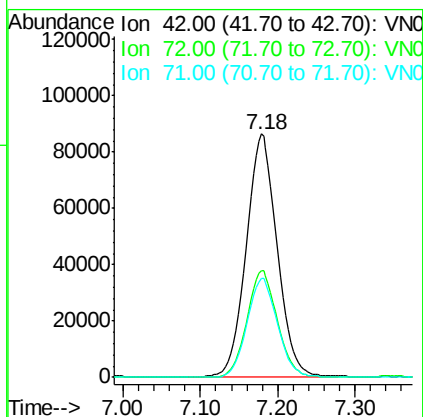
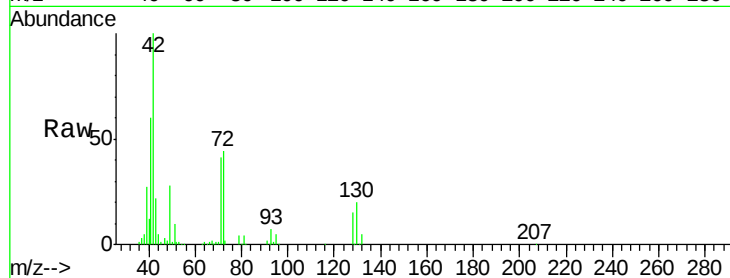
#29
Tetrahydrofuran
Concen: 275.083 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.9	34.6	52.0
71	40.1	32.9	49.3

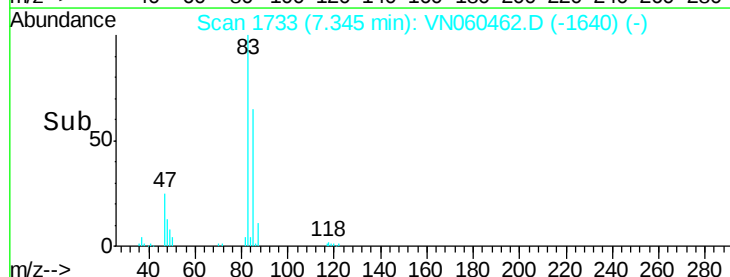
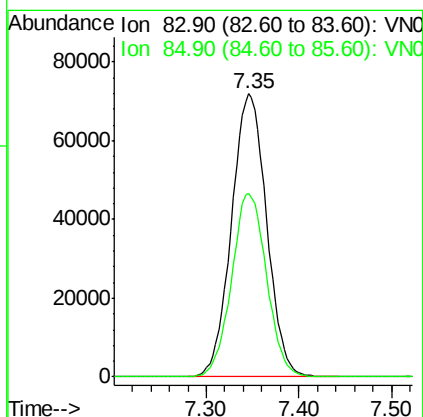
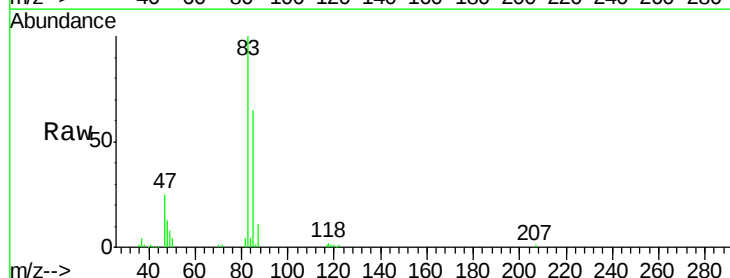
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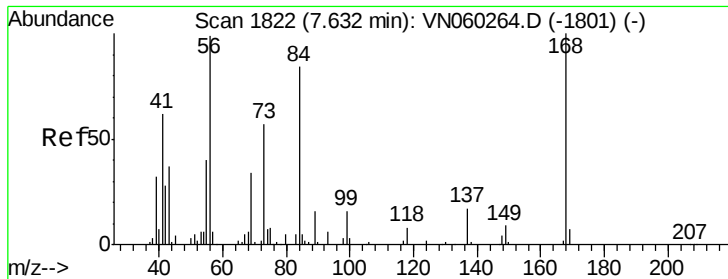
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#30
Chloroform
Concen: 49.334 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.4	77.2





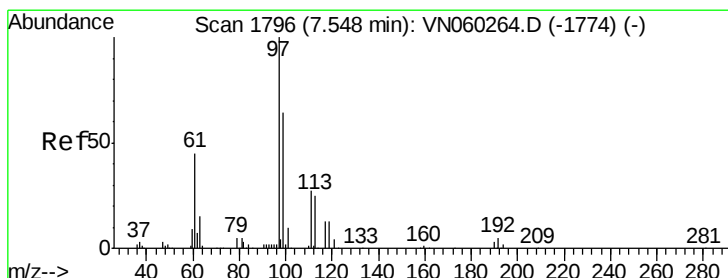
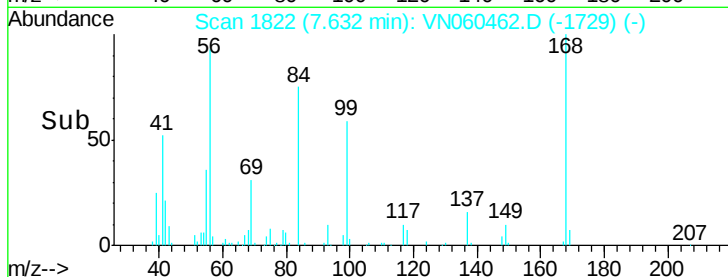
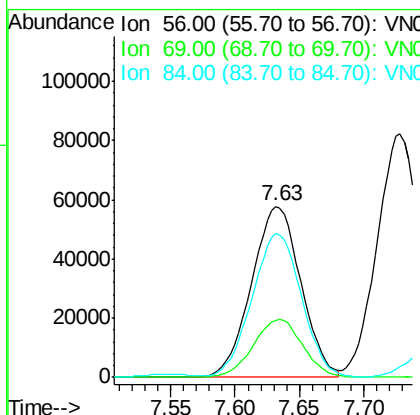
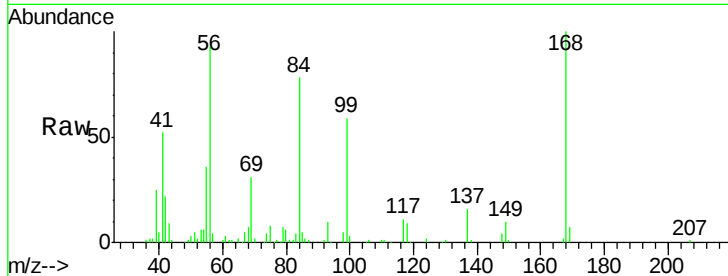
#31
Cyclohexane
Concen: 46.818 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.5	27.2	40.8
84	82.7	66.7	100.1

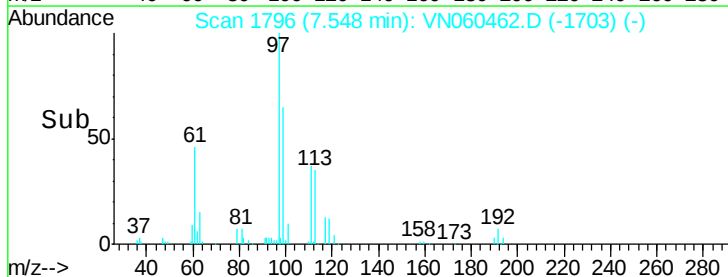
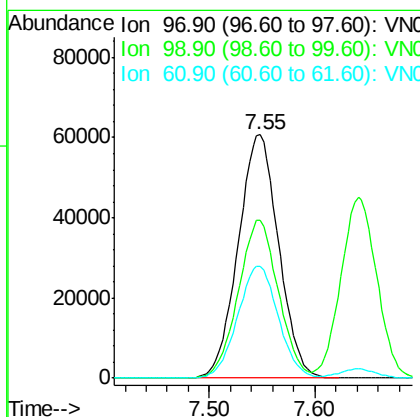
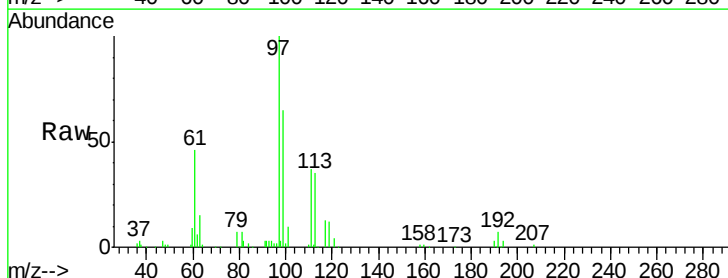
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#32
1,1,1-Trichloroethane
Concen: 47.750 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	46.3	36.6	55.0





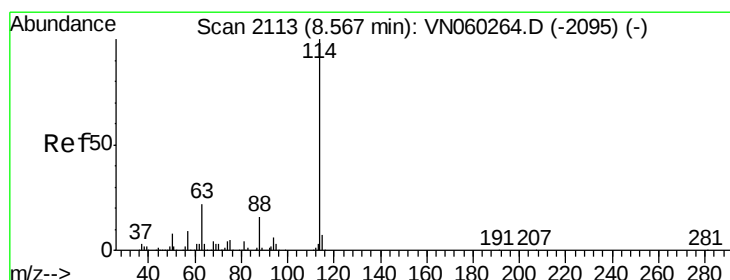
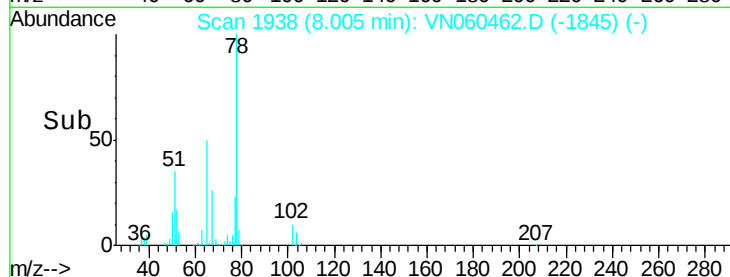
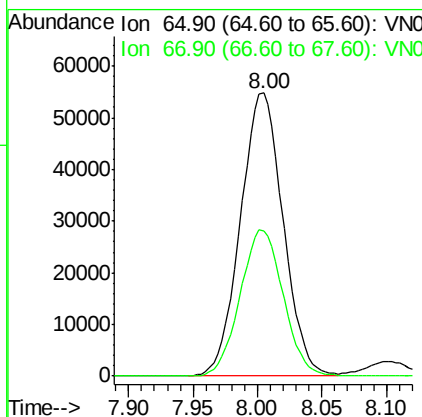
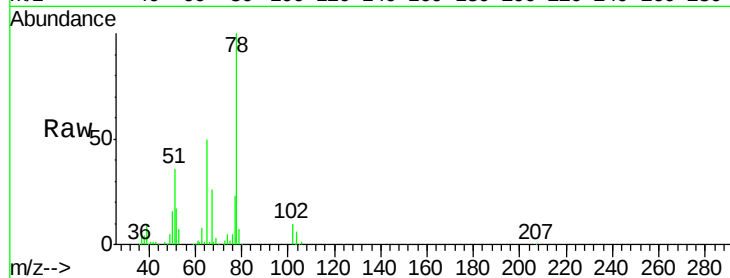
#33
 1,2-Dichloroethane-d4
 Concen: 52.164 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.0	0.0	103.8	

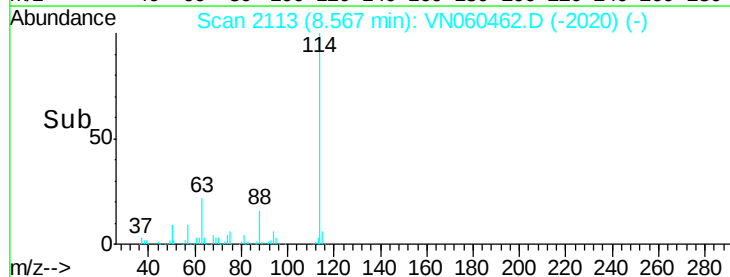
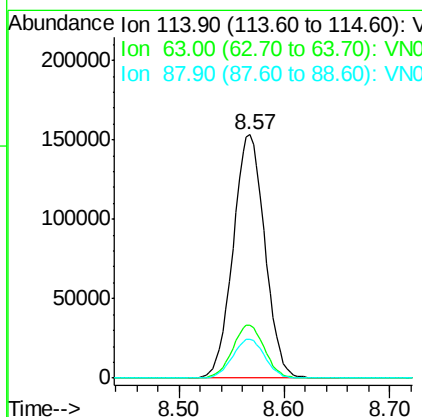
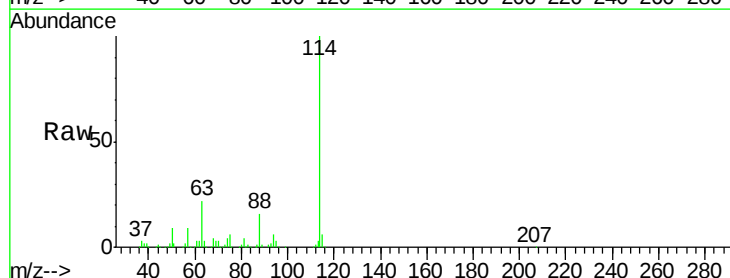
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.6	0.0	43.2	
88	16.2	0.0	31.6	





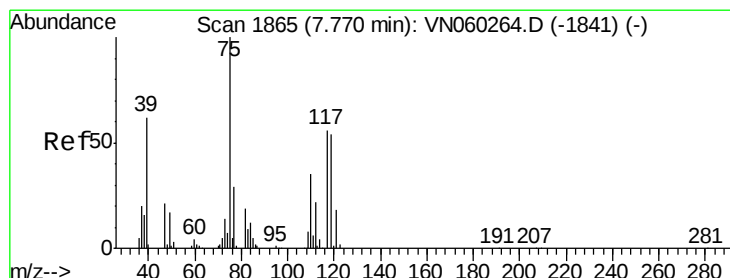
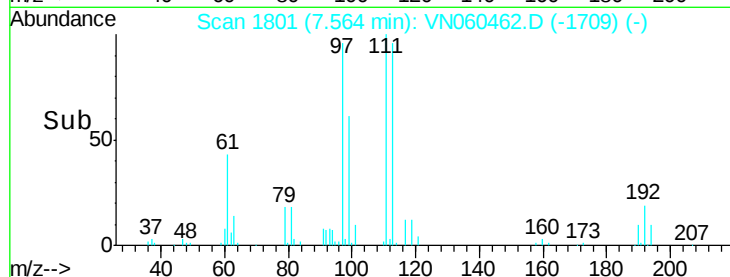
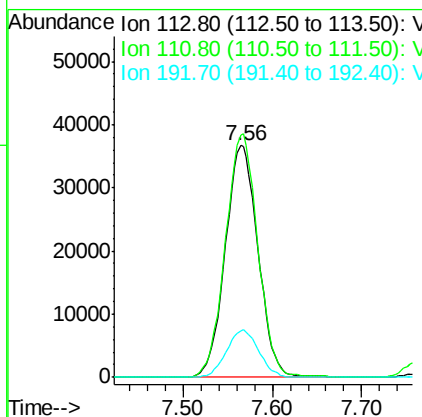
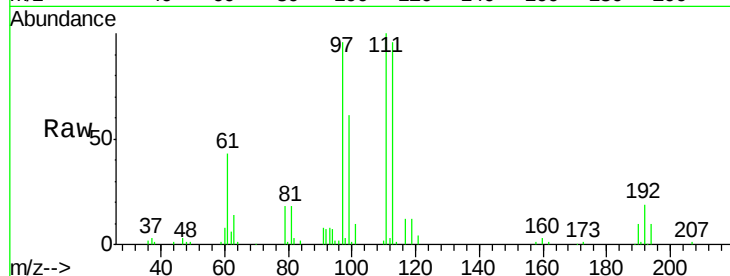
#35
 Dibromofluoromethane
 Concen: 62.930 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.4	123.6
192	20.1	16.2	24.2

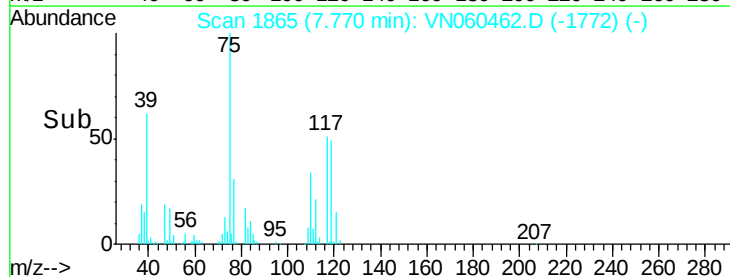
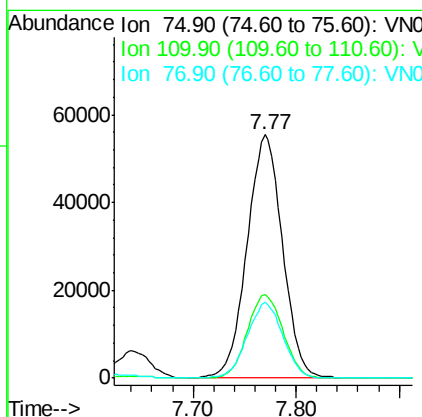
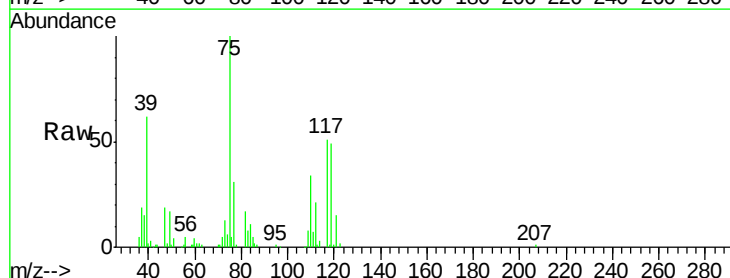
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#36
 1,1-Dichloropropene
 Concen: 43.435 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.5	17.3	52.0
77	31.4	24.2	36.2





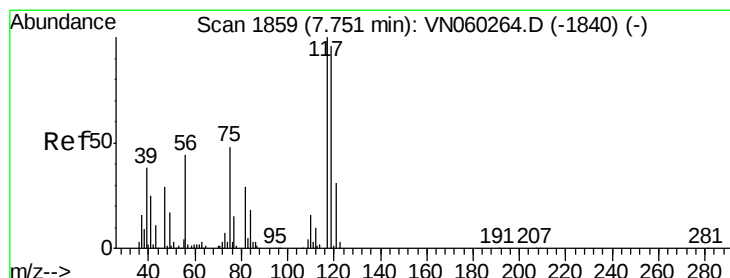
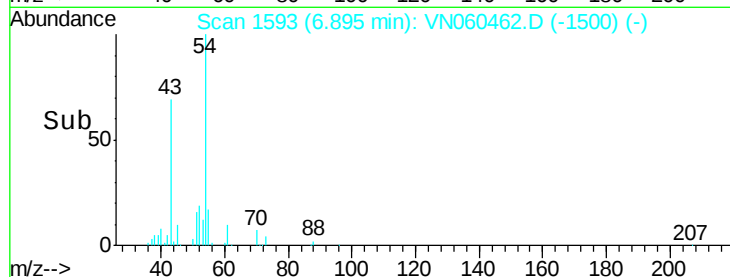
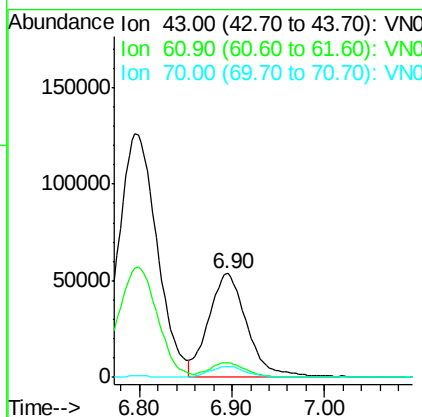
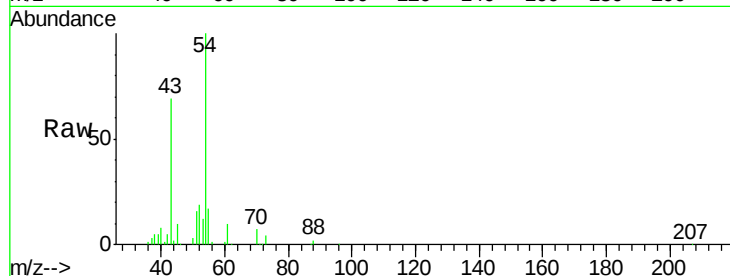
#37
Ethyl Acetate
Concen: 52.770 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.1	16.7
70	10.1	8.4	12.6

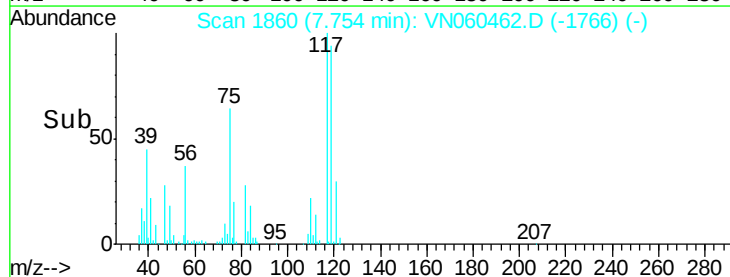
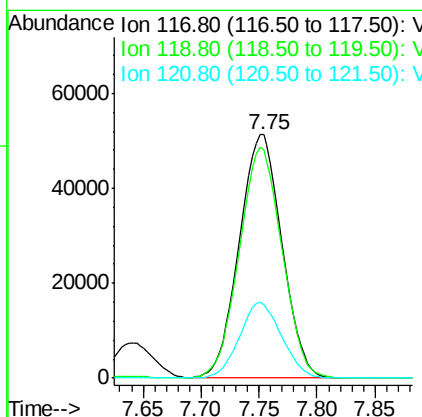
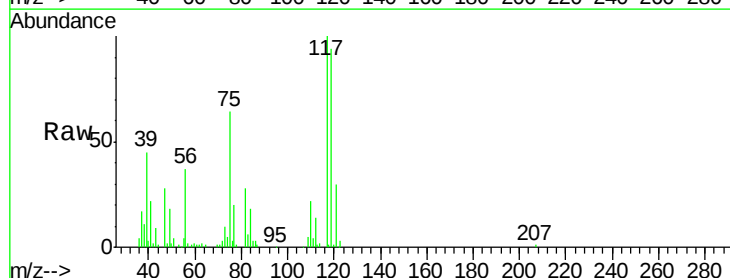
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#38
Carbon Tetrachloride
Concen: 44.474 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.7	115.1
121	30.0	24.5	36.7





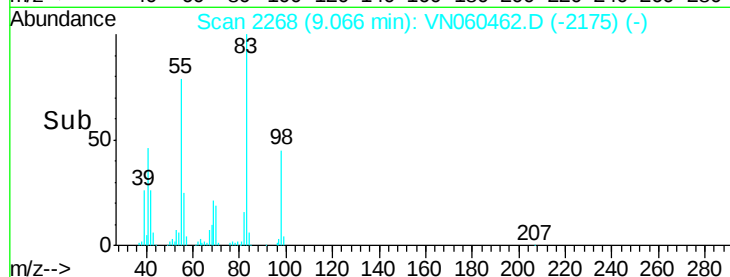
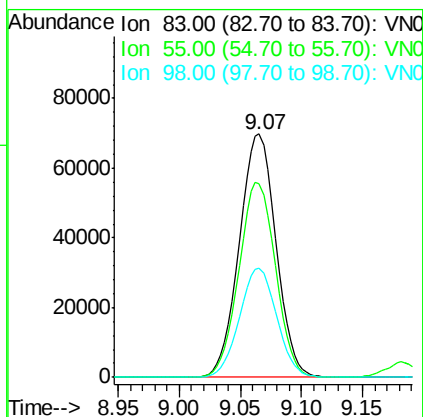
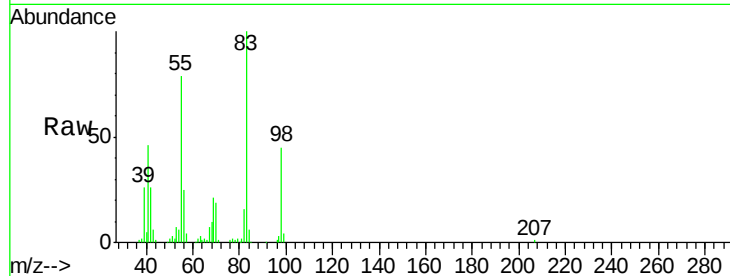
#39
Methvlcvclohexane
Concen: 40.471 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	61.0	91.4
98	44.8	36.1	54.1

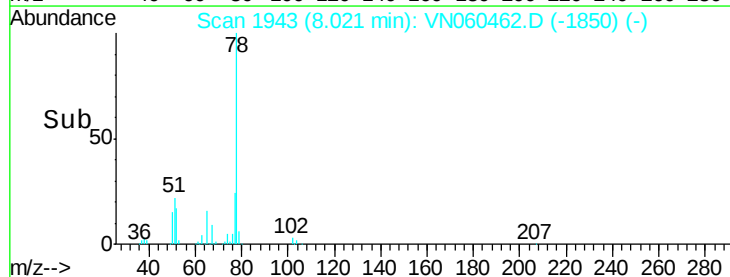
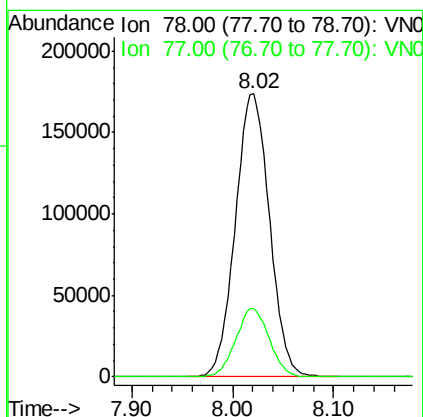
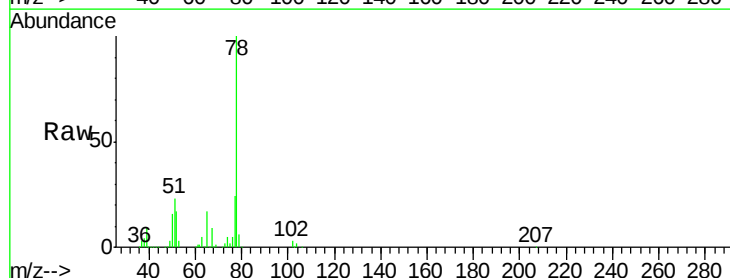
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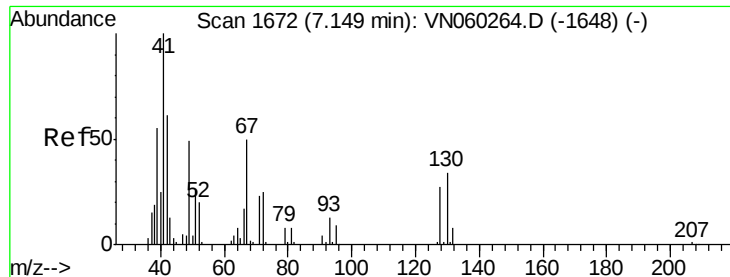
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#40
Benzene
Concen: 46.116 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.8	28.2





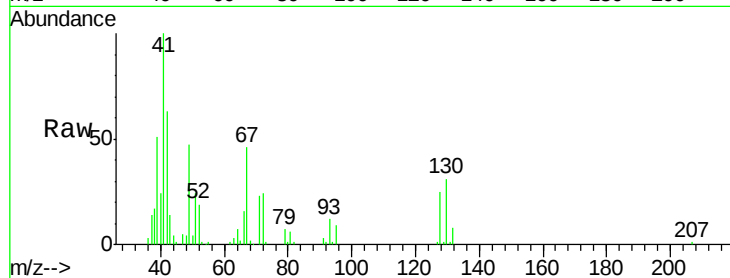
#41
Methacrylonitrile
Concen: 56.152 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

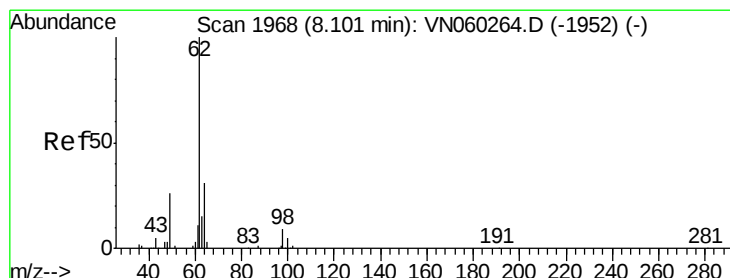
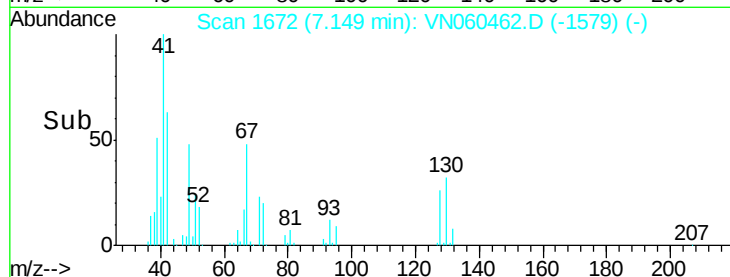
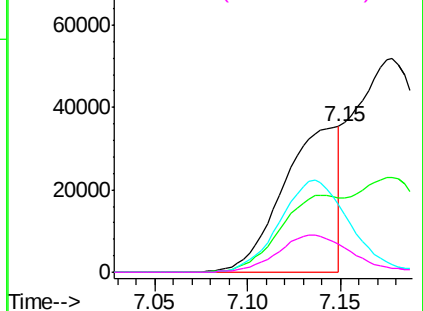
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

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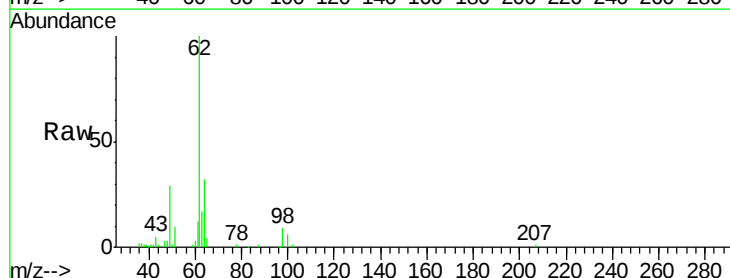


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

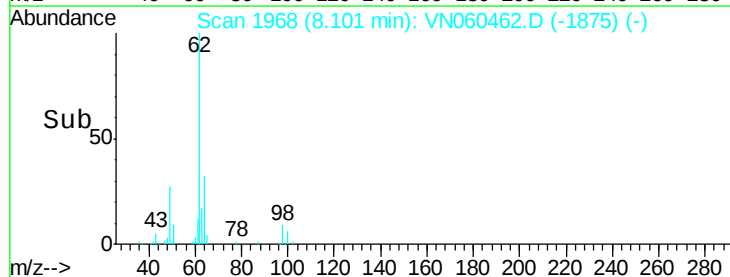
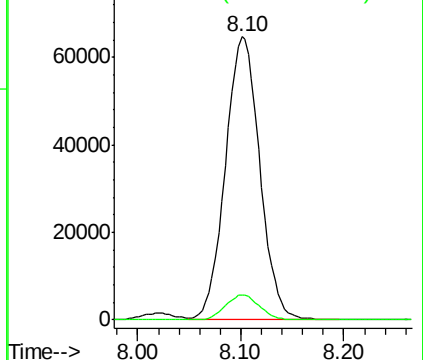


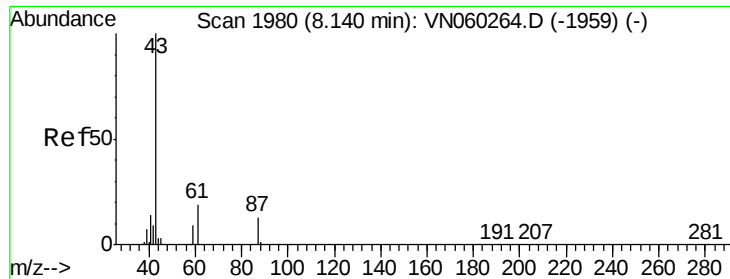
#42
1,2-Dichloroethane
Concen: 47.069 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	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: 51.992 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

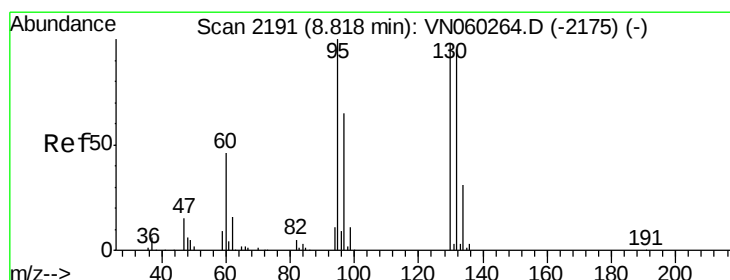
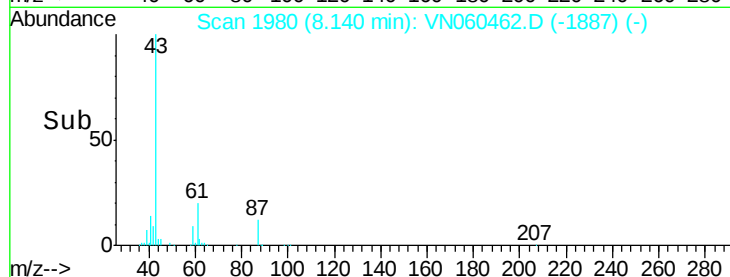
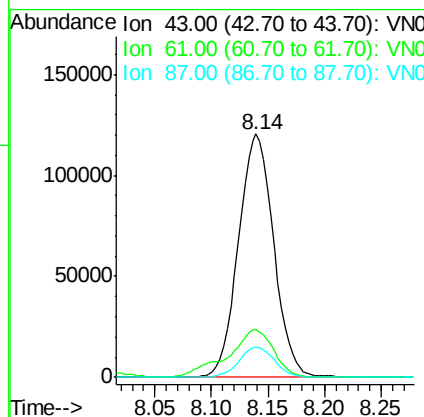
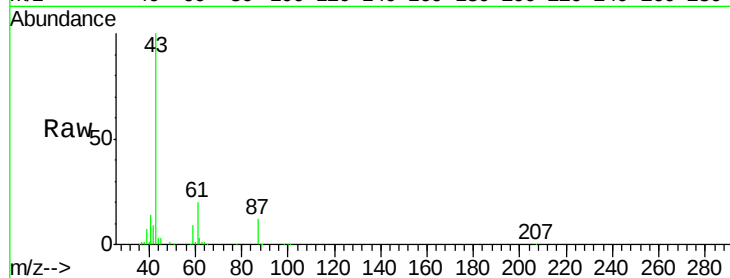
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	262188
Ion	Ratio	Lower	Upper
43	100		
61	25.6	20.9	31.3
87	12.4	10.6	16.0

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#44

Trichloroethene

Concen: 43.037 ug/l

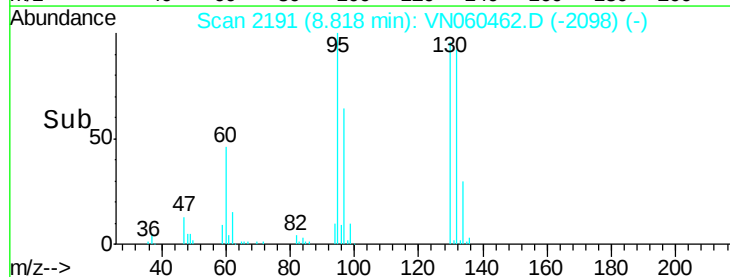
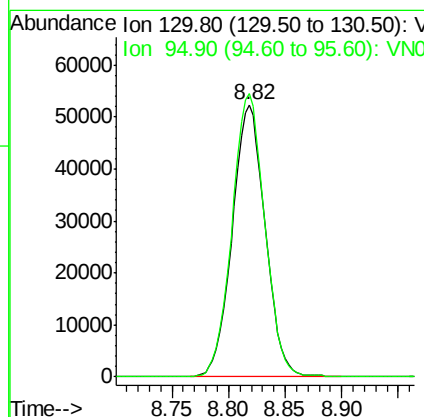
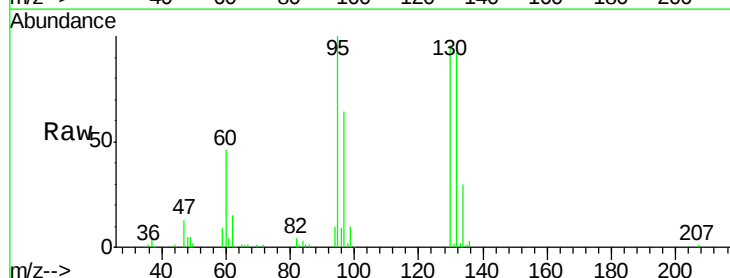
RT: 8.82 min Scan# 2191

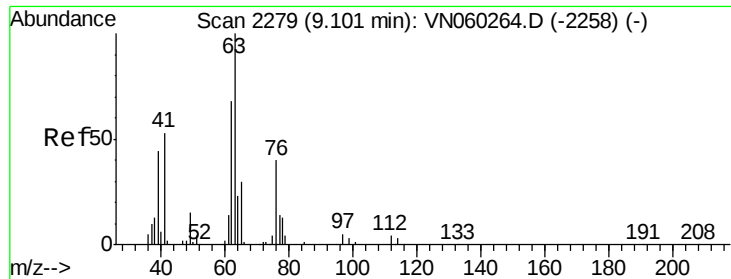
Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion:	130	Resp:	106129
Ion	Ratio	Lower	Upper
130	100		
95	103.9	0.0	203.4





#45

1,2-Dichloropropane

Concen: 49.822 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 115338

Ion Ratio Lower Upper

63 100

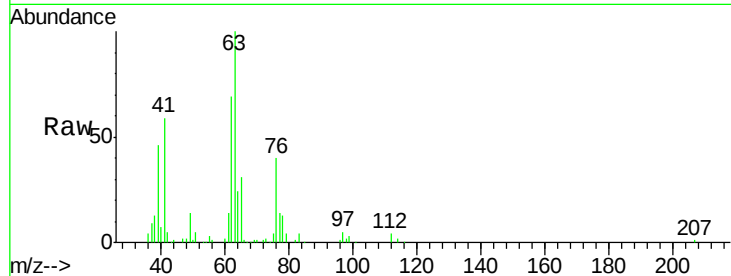
65 31.0 24.4 36.6

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Abundance Ion 62.90 (62.60 to 63.60): VN060462.D (-2186) (-)

Ion 64.90 (64.60 to 65.60): VN060462.D (-2186) (-)

60000

50000

40000

30000

20000

10000

0

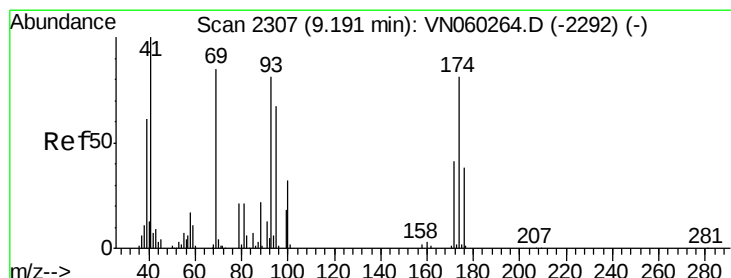
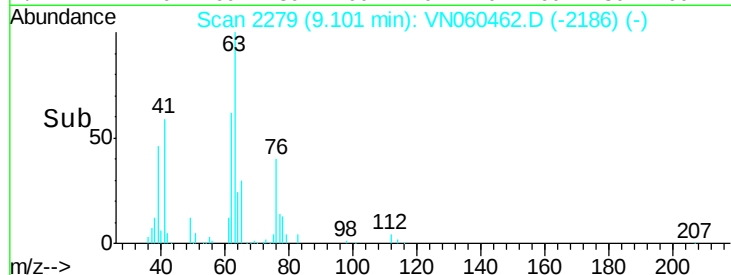
9.10

9.00

9.10

9.20

Time-->



#46

Dibromomethane

Concen: 47.763 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

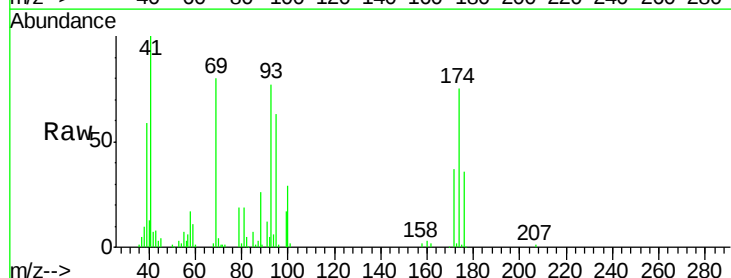
Tgt Ion: 93 Resp: 71746

Ion Ratio Lower Upper

93 100

95 82.0 65.9 98.9

174 97.5 79.6 119.4



Abundance Ion 92.80 (92.50 to 93.50): VN060462.D (-2214) (-)

Ion 94.80 (94.50 to 95.50): VN060462.D (-2214) (-)

Ion 173.70 (173.40 to 174.40): VN060462.D (-2214) (-)

50000

40000

30000

20000

10000

0

9.19

9.10

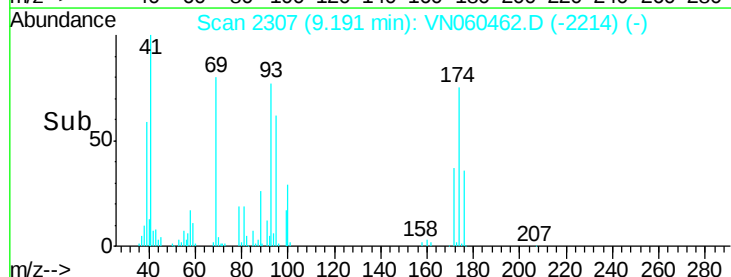
9.15

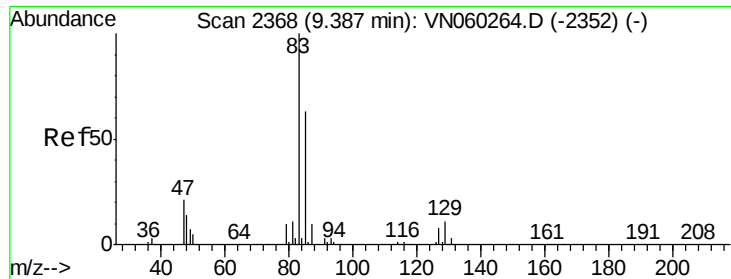
9.20

9.25

9.30

Time-->





#47

Bromodichloromethane

Concen: 49.589 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

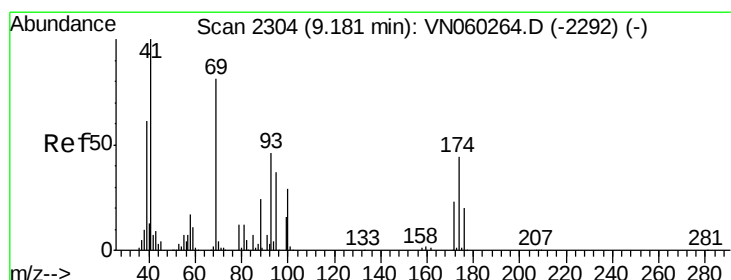
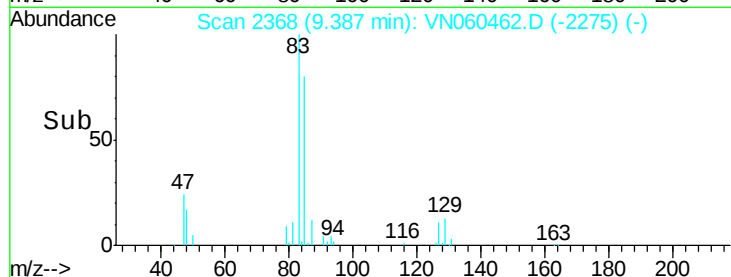
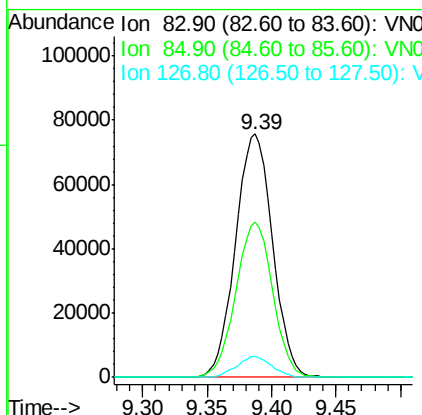
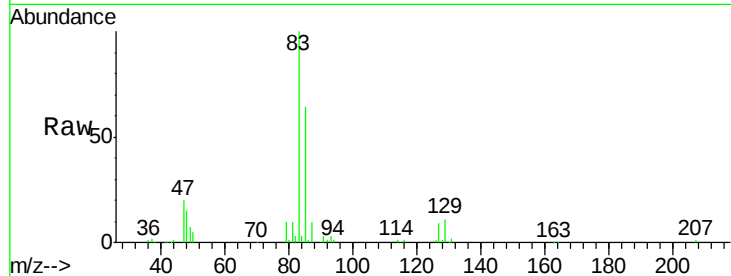
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	151498
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.7	76.1
127	8.6	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.461 ug/l

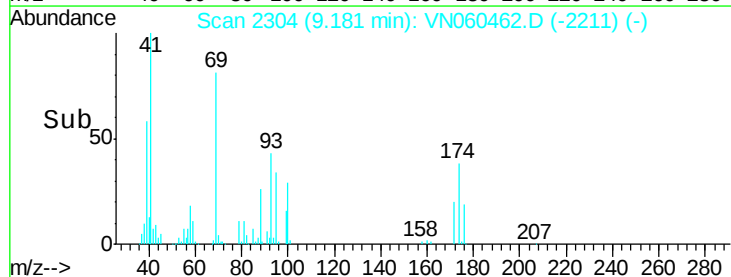
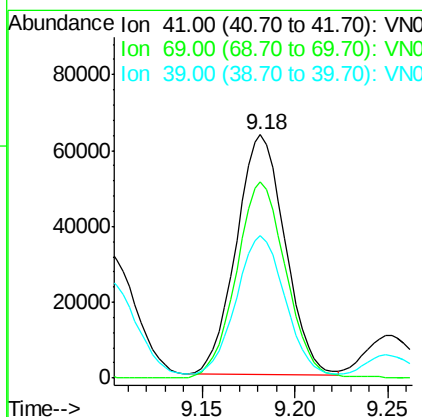
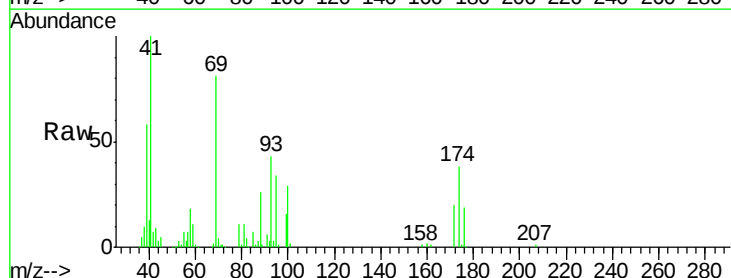
RT: 9.18 min Scan# 2304

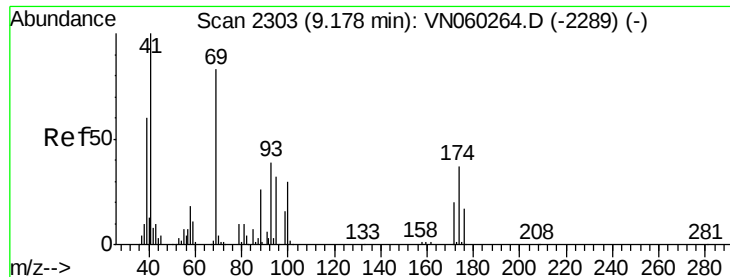
Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion:	41	Resp:	116041
Ion	Ratio	Lower	Upper
41	100		
69	83.0	66.7	100.1
39	60.8	50.1	75.1





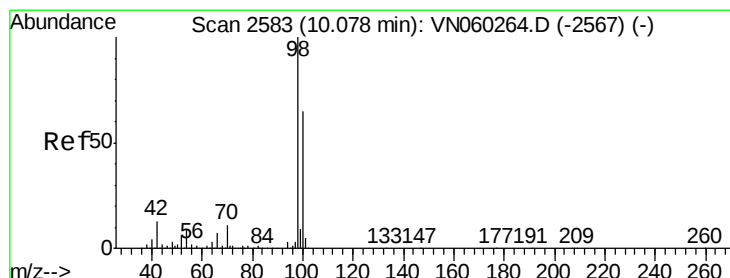
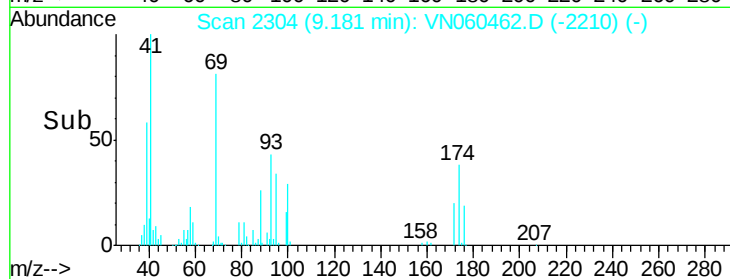
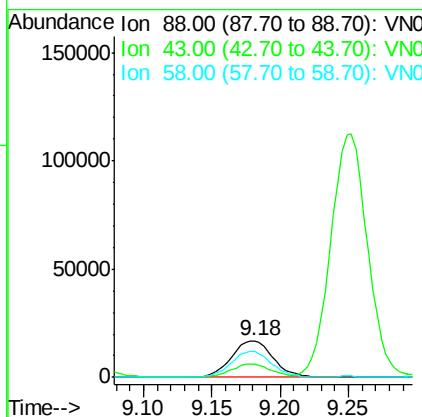
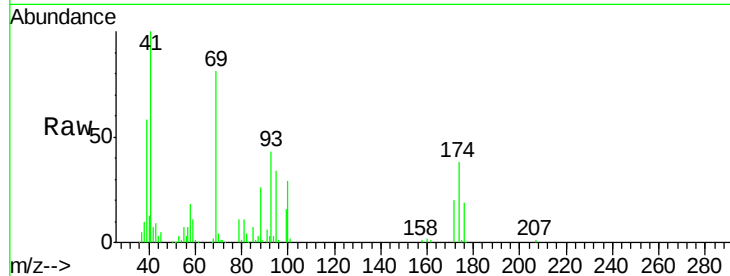
#49
1,4-Dioxane
Concen: 1095.803 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.2	30.4	45.6
58	70.1	57.0	85.6

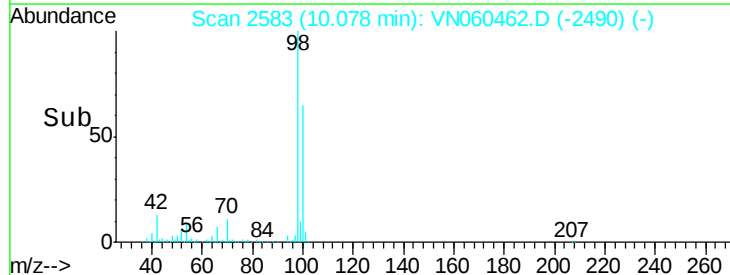
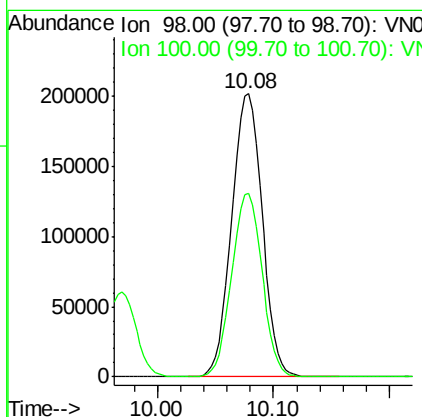
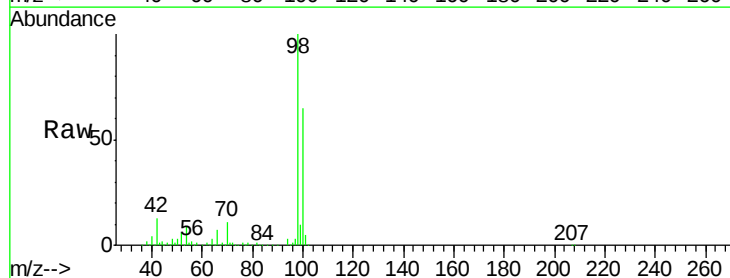
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#50
Toluene-d8
Concen: 49.068 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





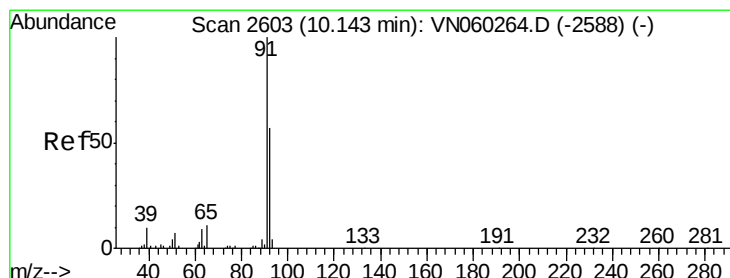
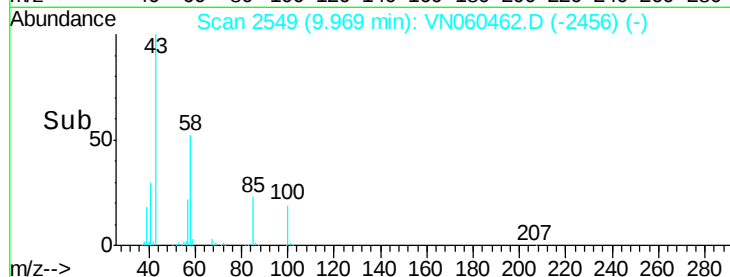
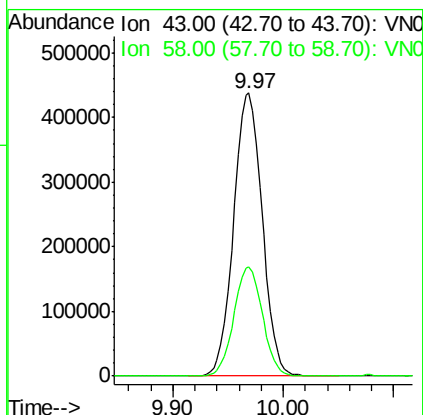
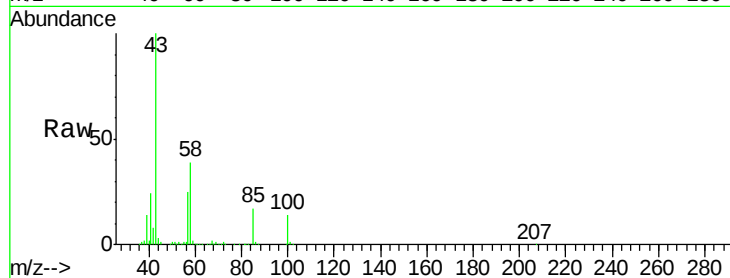
#51
4-Methyl-2-Pentanone
Concen: 274.870 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.5	30.9	46.3

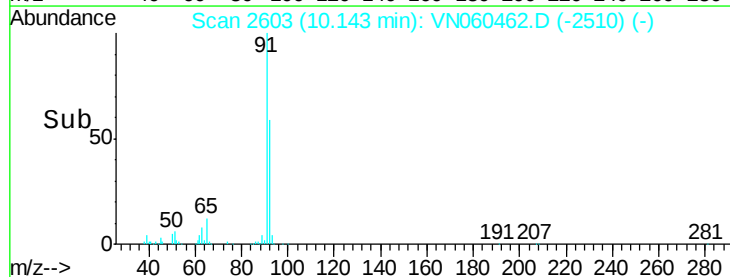
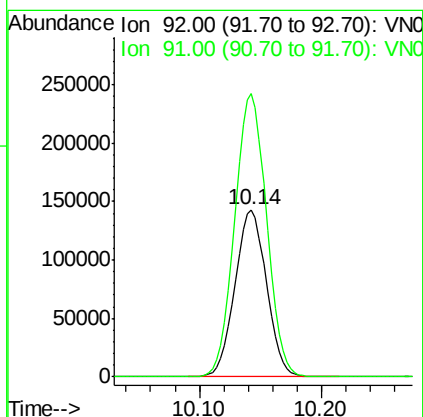
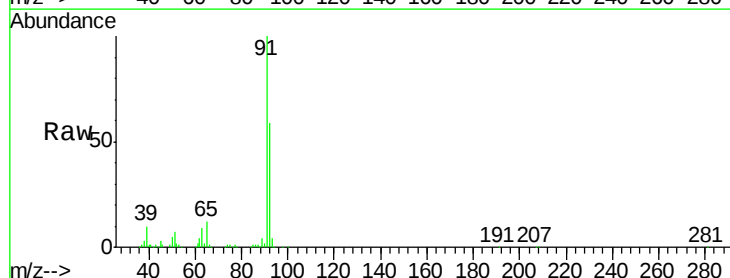
Manual Integrations
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#52
Toluene
Concen: 45.900 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.4	138.1	207.1





#53

t-1,3-Dichloropropene

Concen: 45.445 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 170122

Ion Ratio Lower Upper

75 100

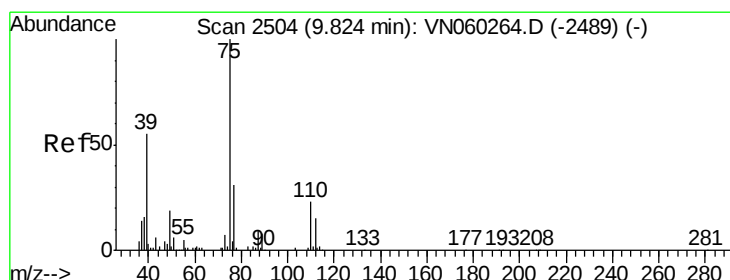
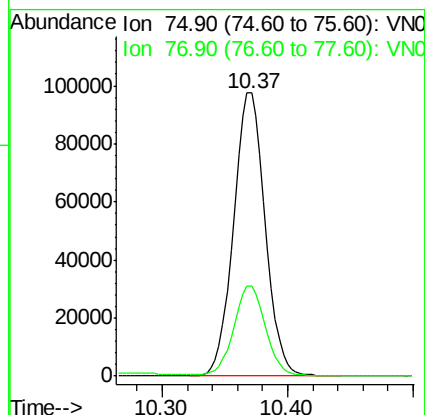
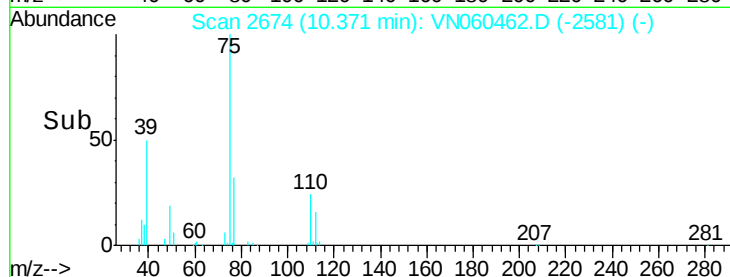
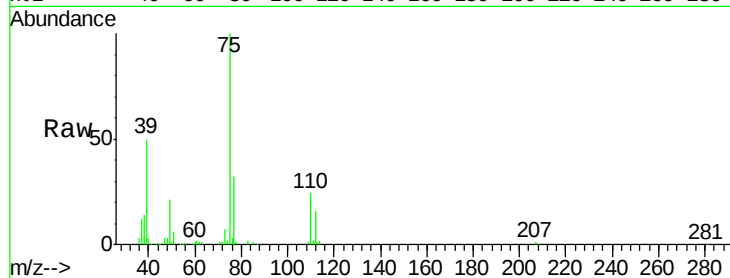
77 31.6 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 46.322 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

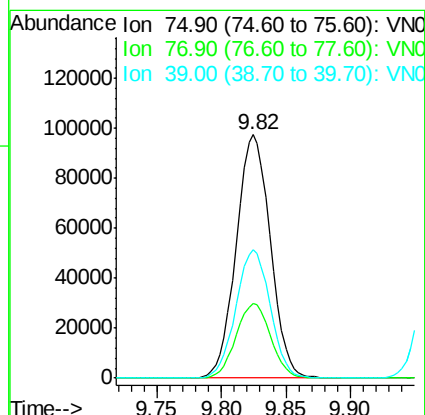
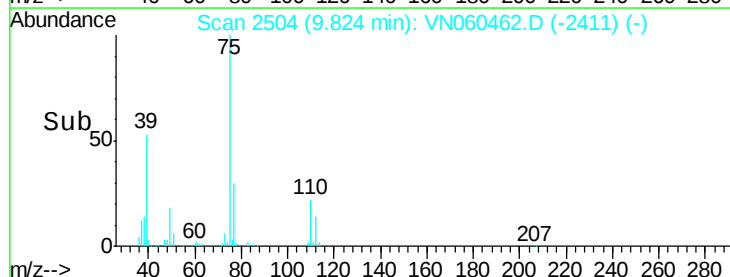
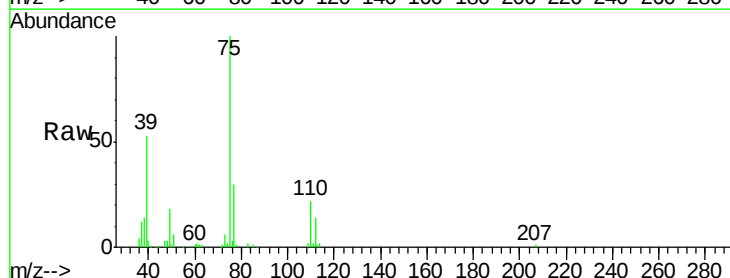
Tgt Ion: 75 Resp: 179683

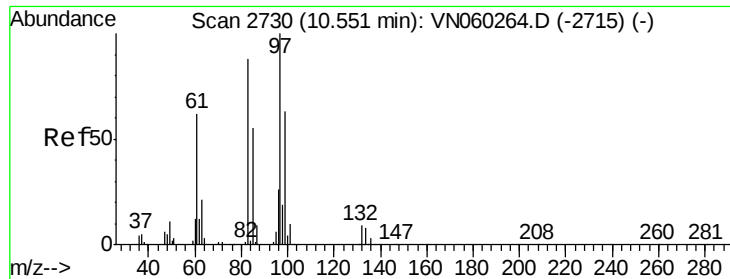
Ion Ratio Lower Upper

75 100

77 30.5 24.8 37.2

39 53.0 43.8 65.8





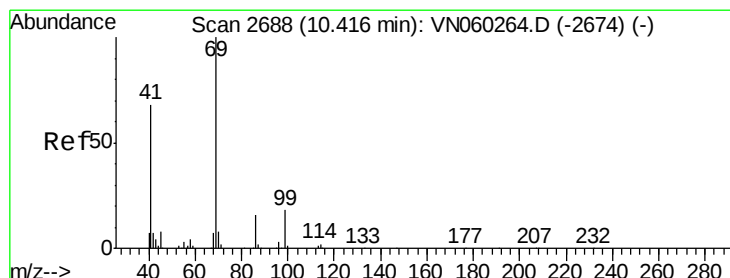
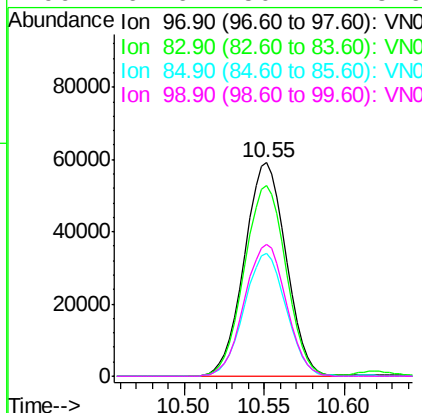
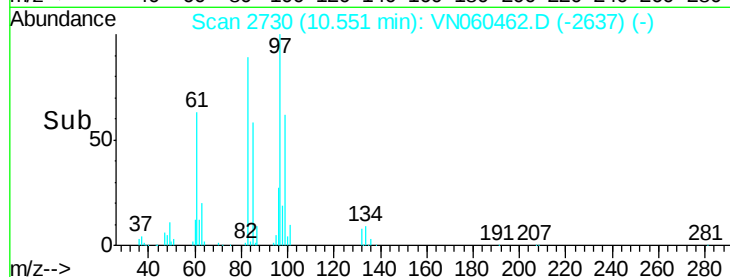
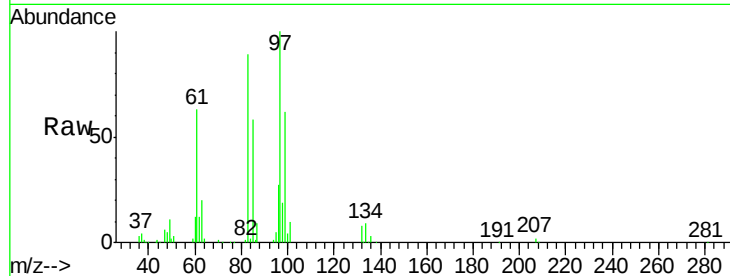
#55
 1,1,2-Trichloroethane
 Concen: 47.273 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.0	105.0
85	57.8	44.0	66.0
99	61.6	50.4	75.6

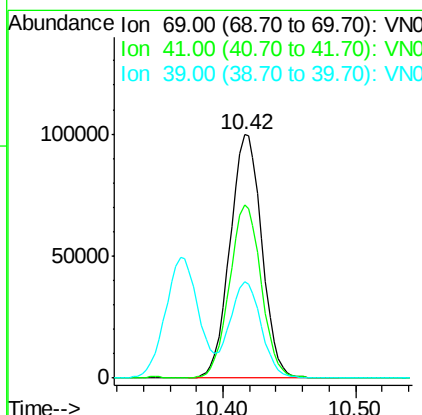
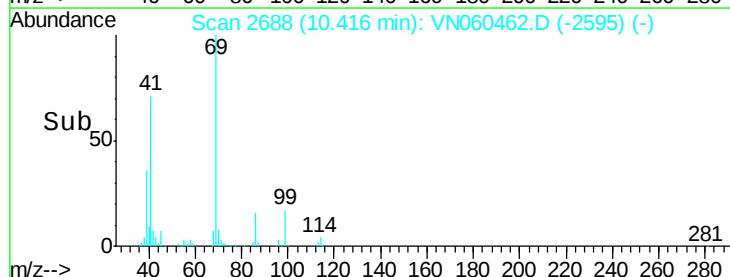
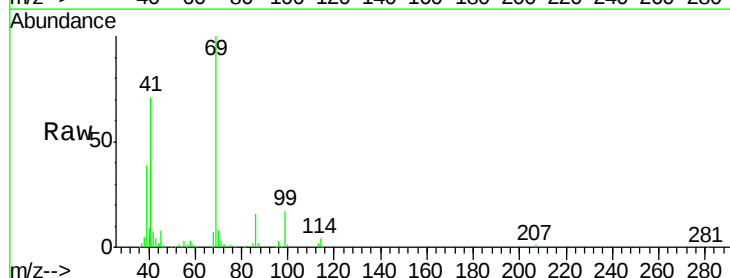
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#56
 Ethyl methacrylate
 Concen: 51.803 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.2	54.1	81.1
39	39.1	32.5	48.7





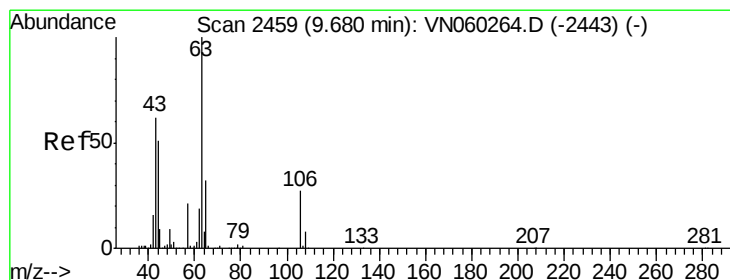
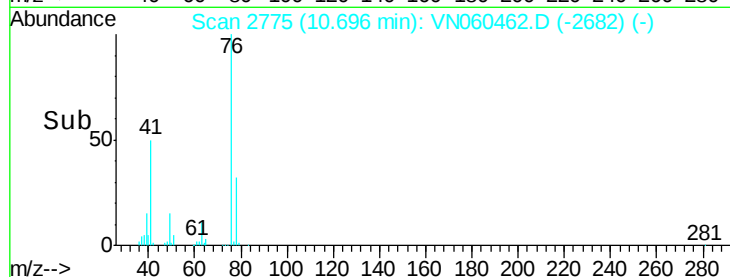
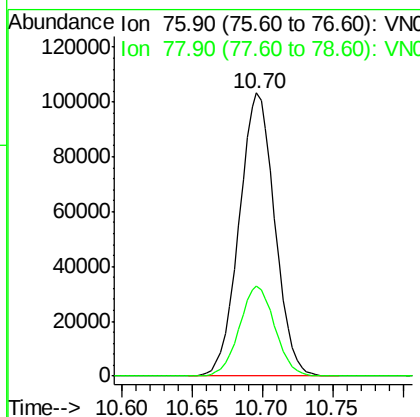
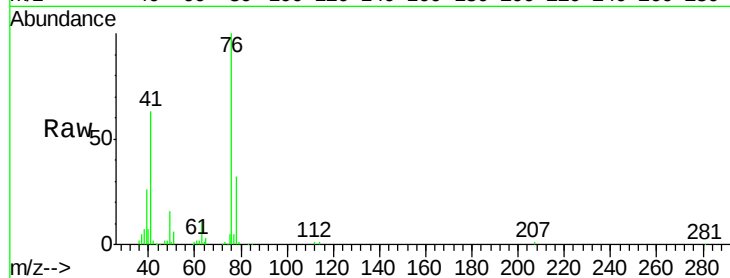
#57
 1,3-Dichloropropane
 Concen: 49.991 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	26.2	39.2

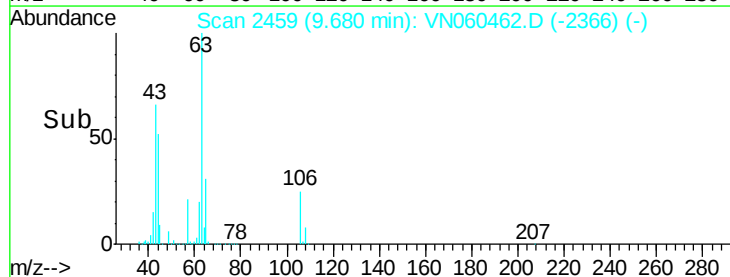
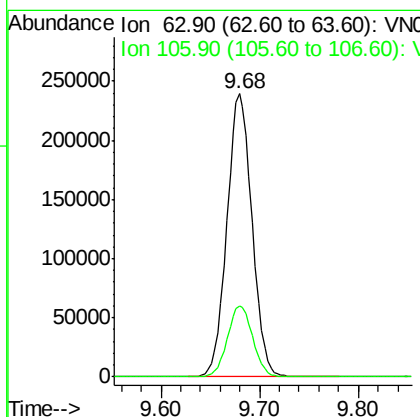
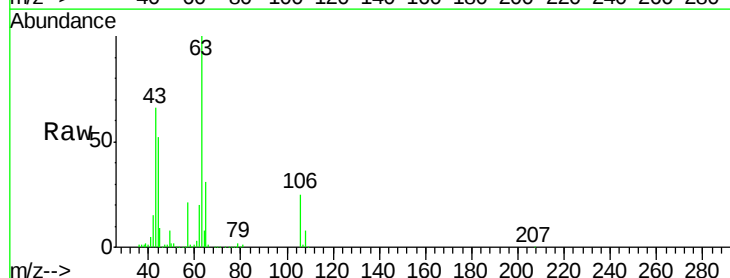
Manual Integrations
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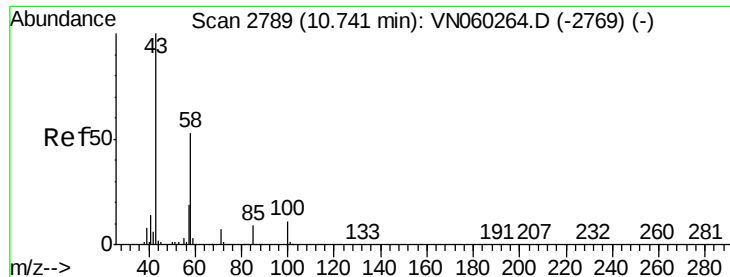
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 3/12/2020 2:45:34 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 253.611 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.3	21.1	31.7





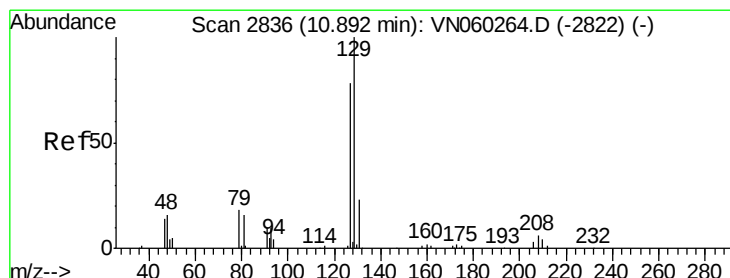
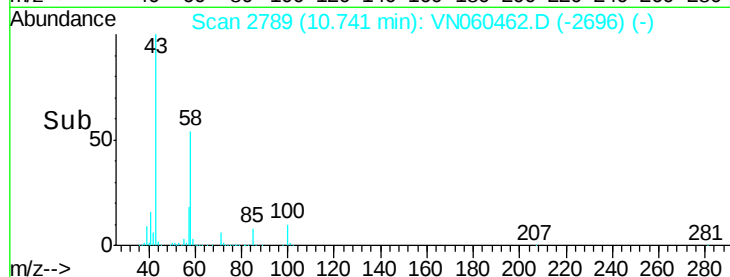
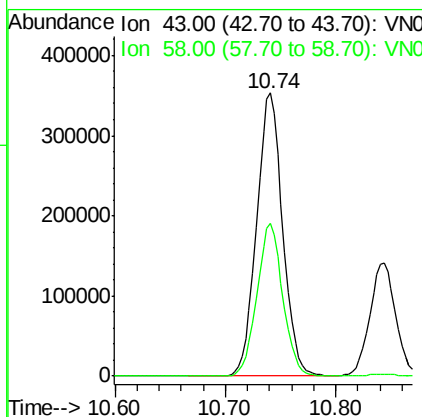
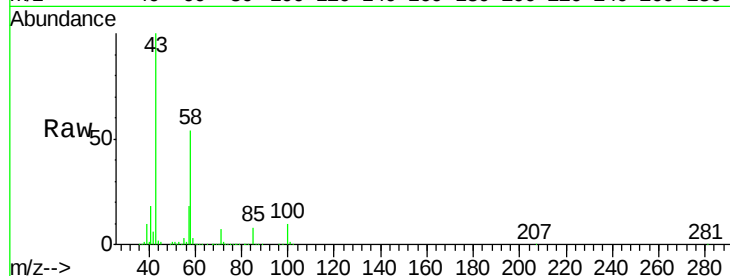
#59
2-Hexanone
Concen: 274.245 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 575725
Ion Ratio Lower Upper
43 100
58 53.5 26.5 79.5

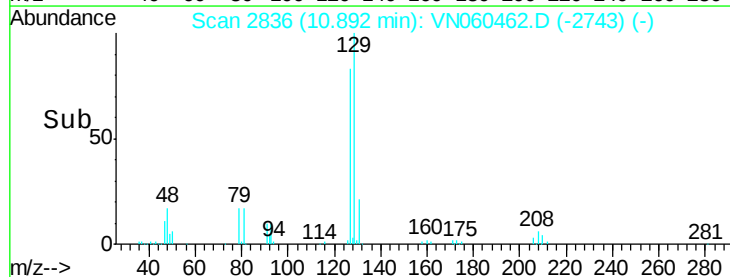
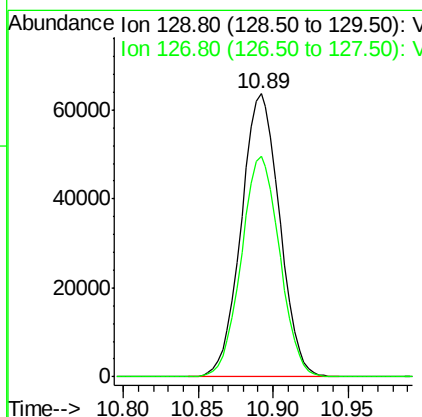
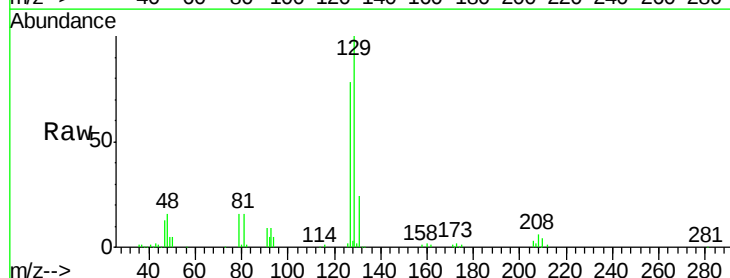
Manual Integrations
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#60
Dibromochloromethane
Concen: 50.082 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion: 129 Resp: 113919
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





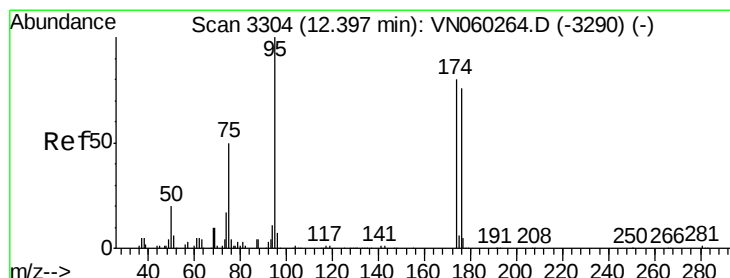
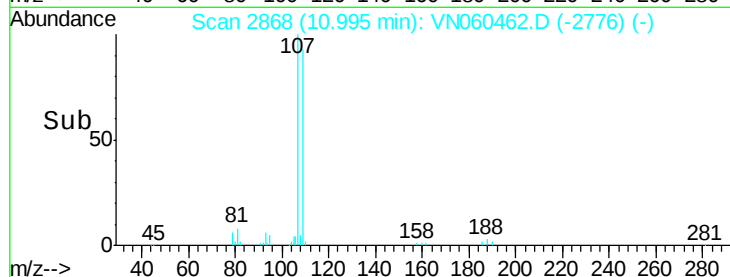
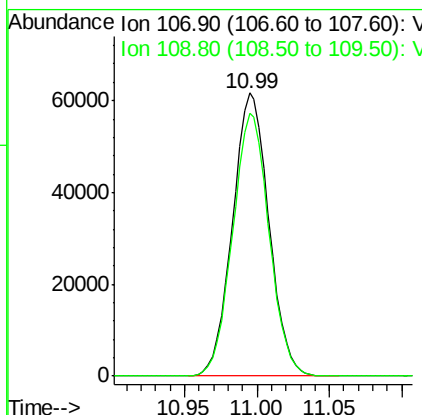
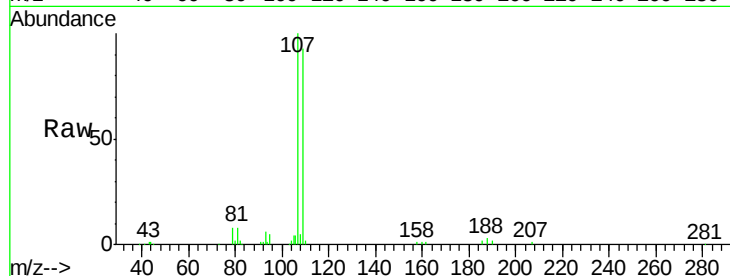
#61
 1,2-Dibromoethane
 Concen: 49.280 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.9	76.8	115.2

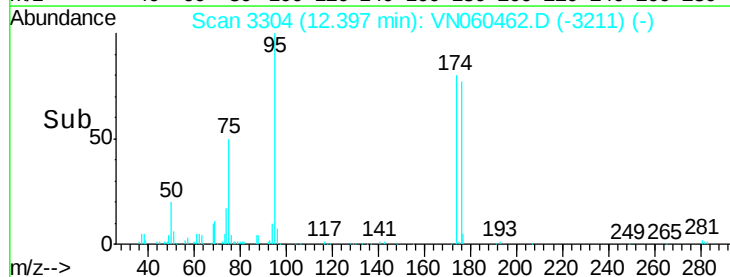
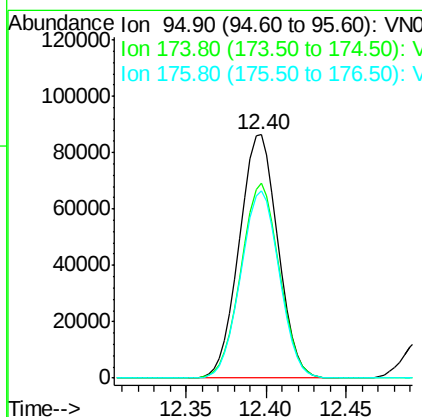
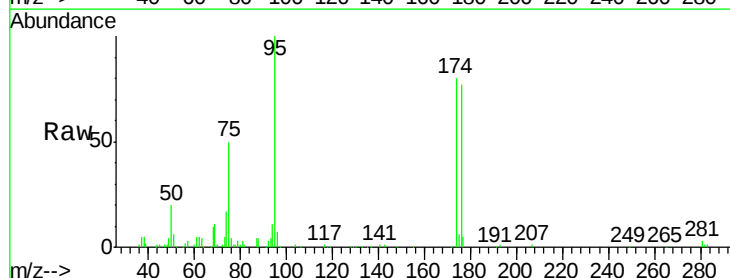
Manual Integrations
 APPROVED

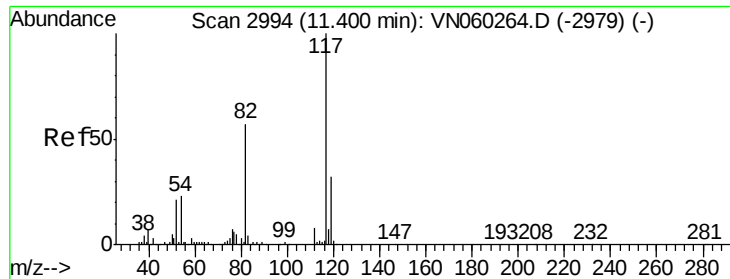
MMDadoda
 3/12/2020 2:45:34 PM



#62
 4-Bromofluorobenzene
 Concen: 50.076 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.4	0.0	159.2
176	76.7	0.0	153.8





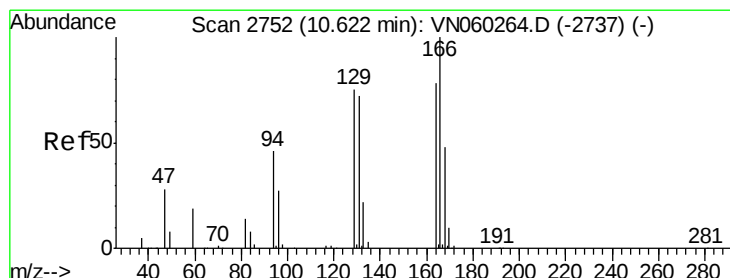
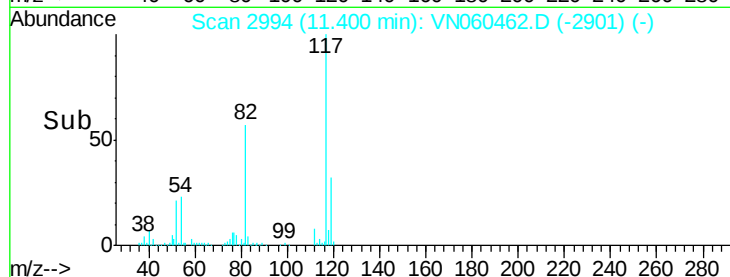
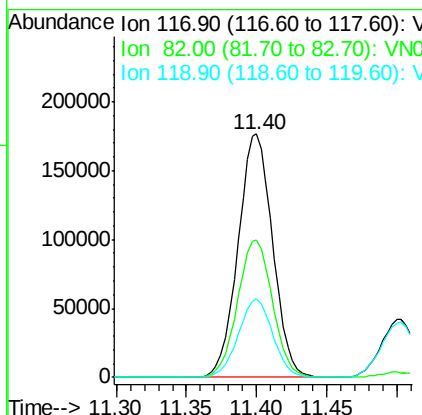
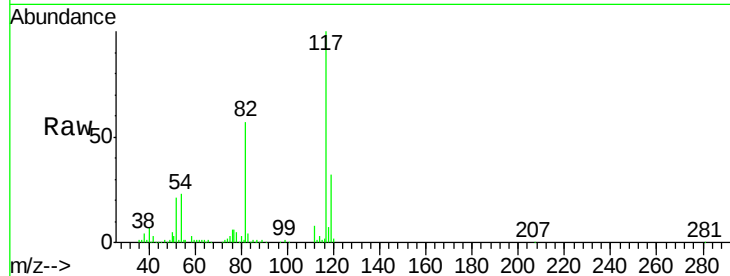
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	302919		
82	56.5		45.8	68.6
119	32.0		25.8	38.8

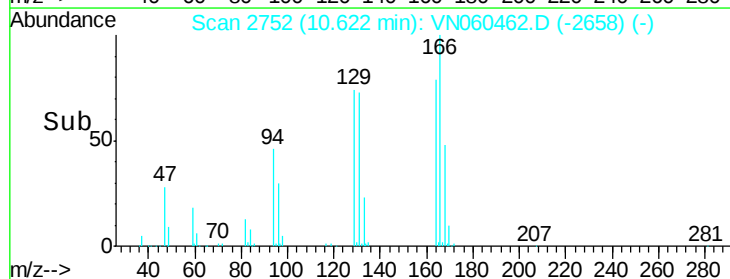
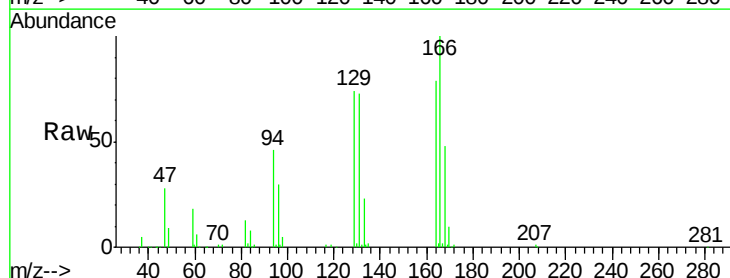
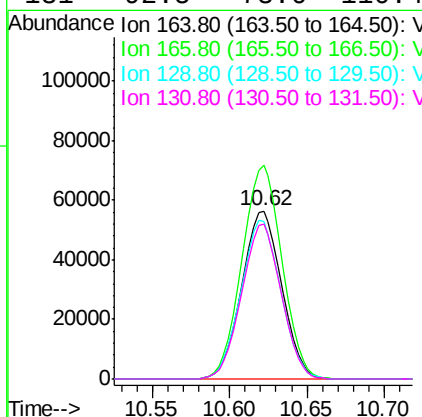
Manual Integrations
APPROVED

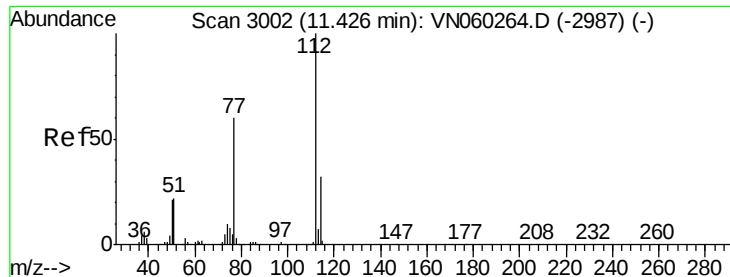
MMDadoda
3/12/2020 2:45:34 PM



#64
Tetrachloroethene
Concen: 42.208 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	101193		
166	127.2		102.0	153.0
129	93.6		76.4	114.6
131	92.5		73.6	110.4





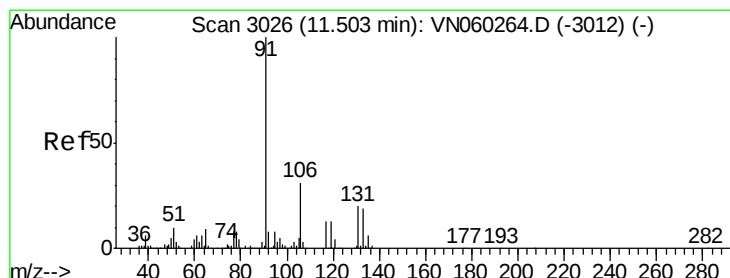
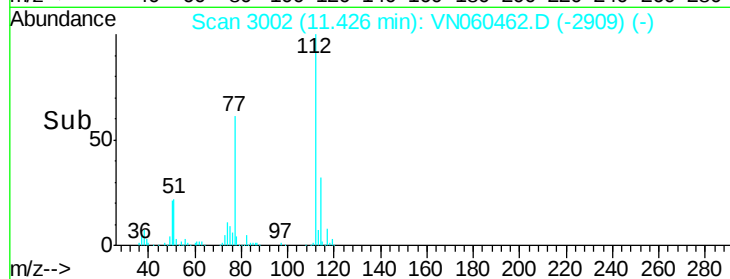
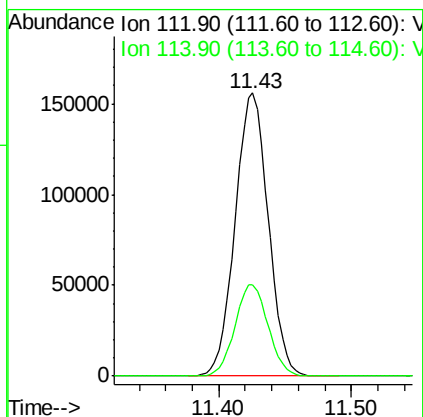
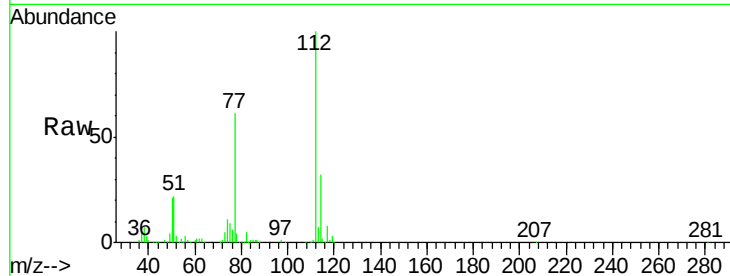
#65
Chlorobenzene
Concen: 44.106 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.4	38.0

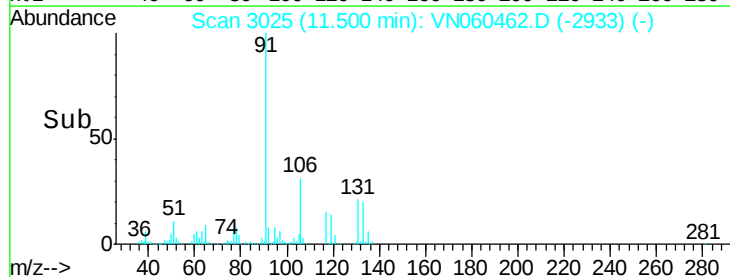
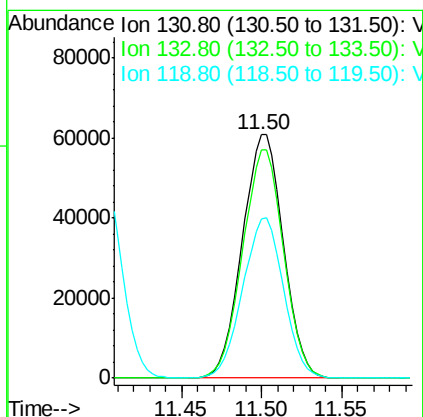
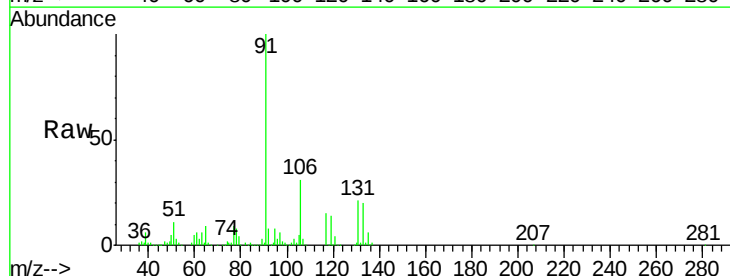
Manual Integrations
APPROVED

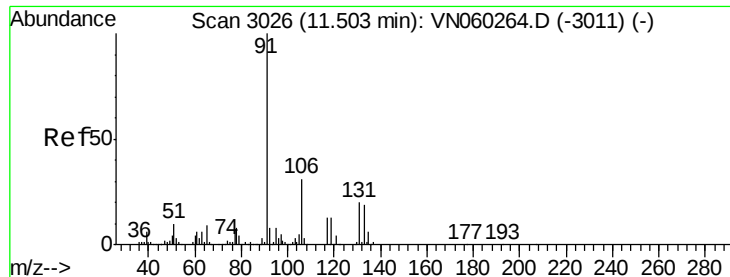
MMDadoda
3/12/2020 2:45:34 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.264 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.7	47.7	143.1
119	65.4	33.2	99.6





#67

Ethyl Benzene

Concen: 44.885 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 499979

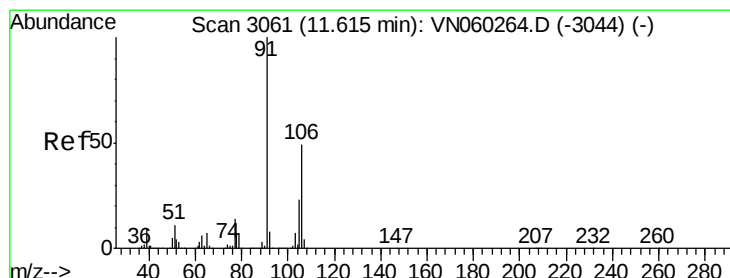
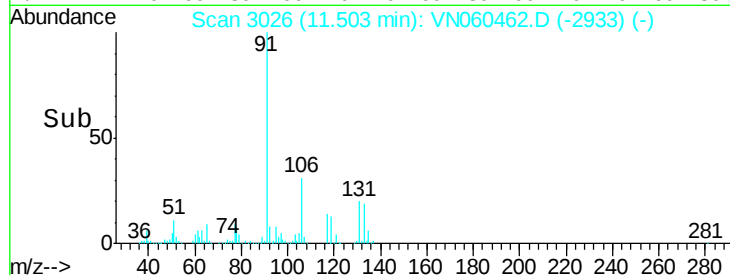
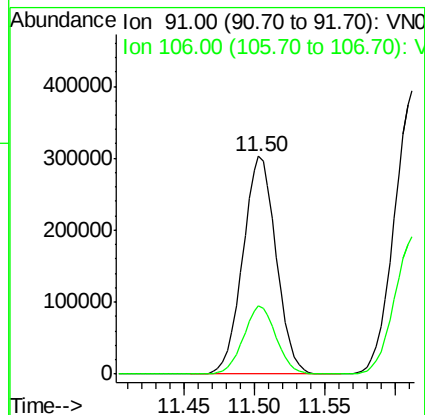
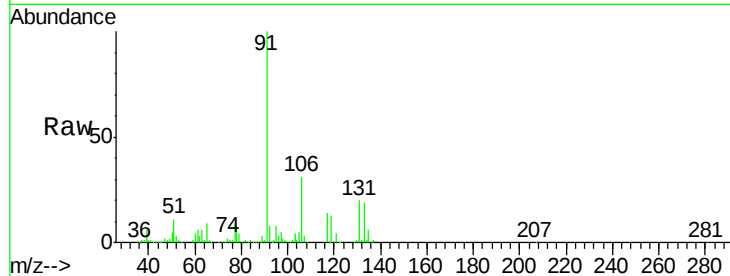
Ion Ratio Lower Upper

91 100

106 31.1 24.7 37.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 88.078 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060462.D

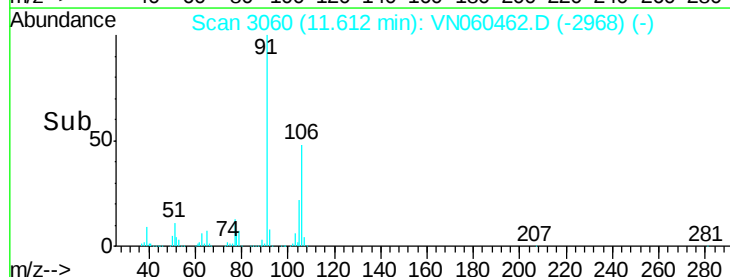
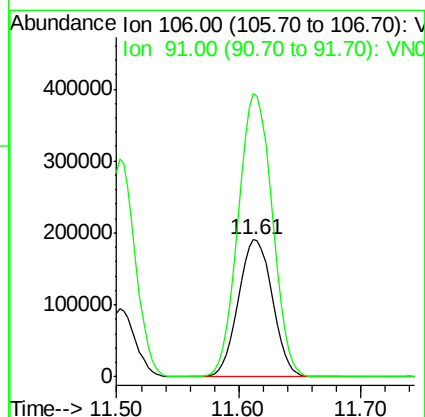
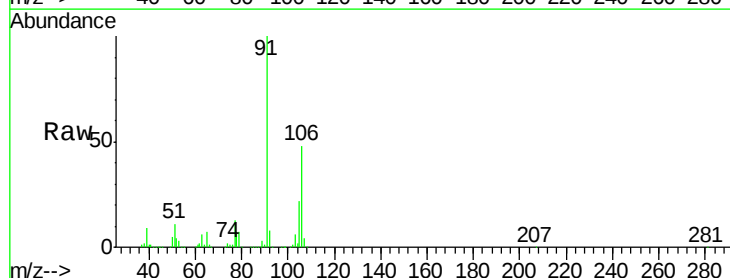
Acq: 11 Mar 2020 19:43

Tgt Ion: 106 Resp: 370162

Ion Ratio Lower Upper

106 100

91 205.4 164.5 246.7





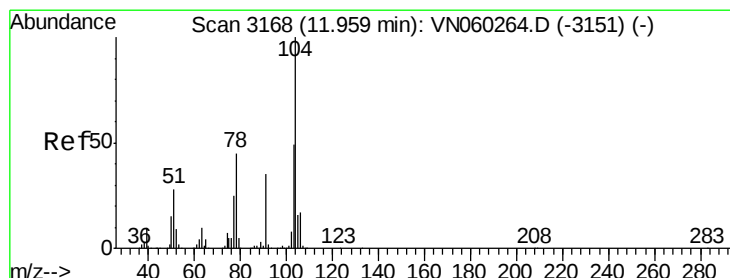
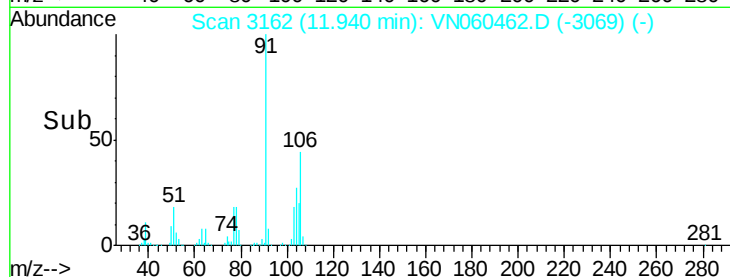
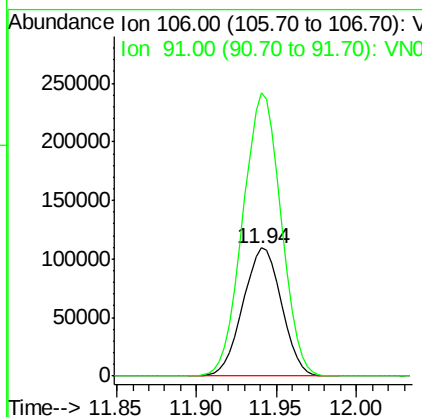
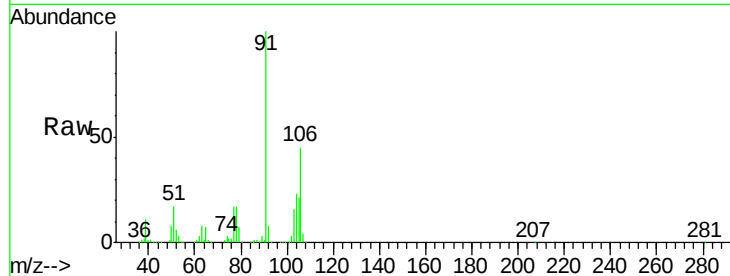
#69
o-Xylene
Concen: 45.174 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.8	109.5	328.4

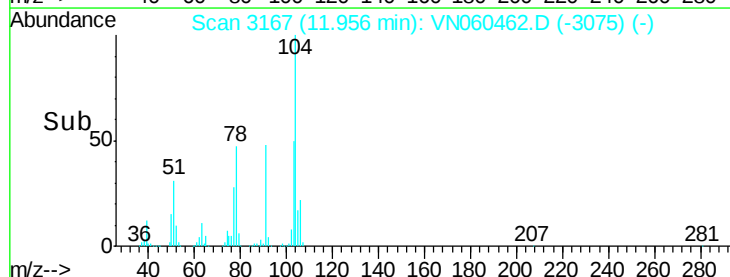
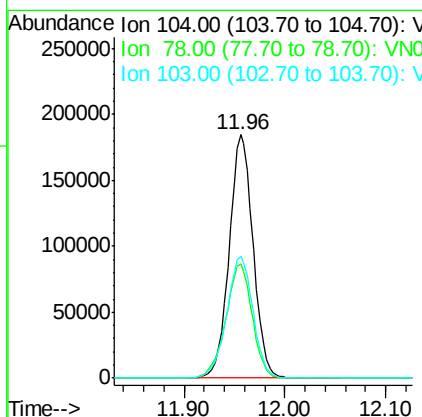
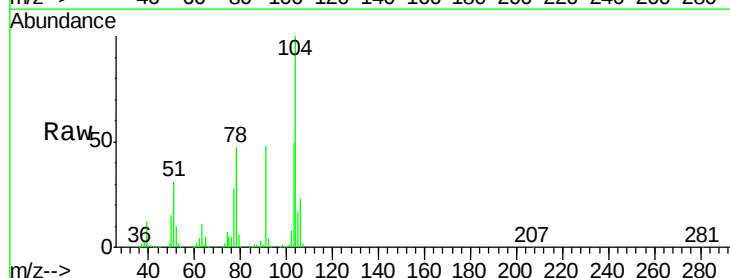
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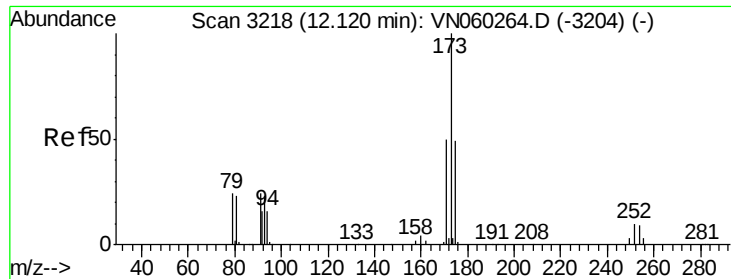
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#70
Styrene
Concen: 46.150 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.2	61.8
103	54.9	43.9	65.9





#71

Bromoform

Concen: 51.060 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 83226

Ion Ratio Lower Upper

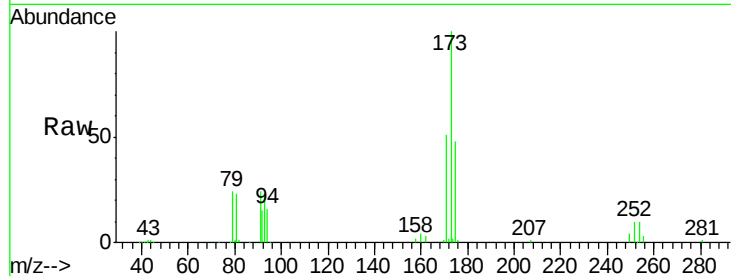
173 100

175 48.1 24.1 72.2

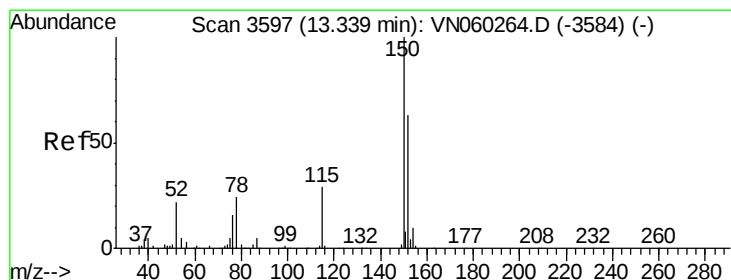
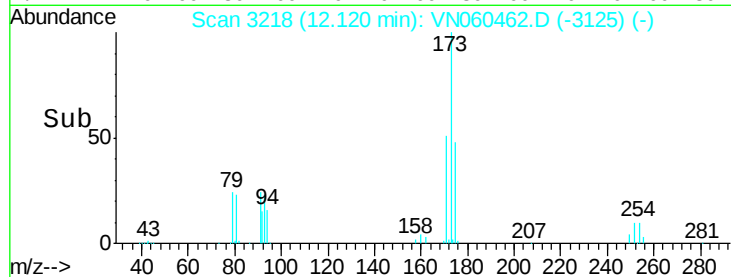
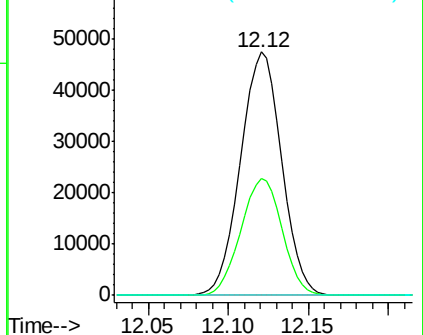
254 0.0 0.0 0.0

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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: VN060462.D

Acq: 11 Mar 2020 19:43

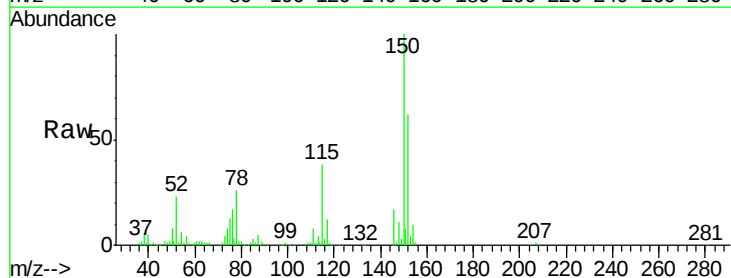
Tgt Ion:152 Resp: 147853

Ion Ratio Lower Upper

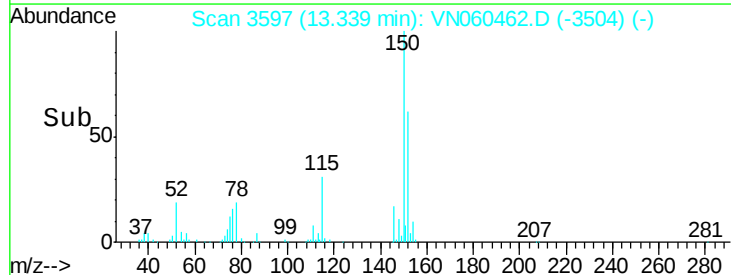
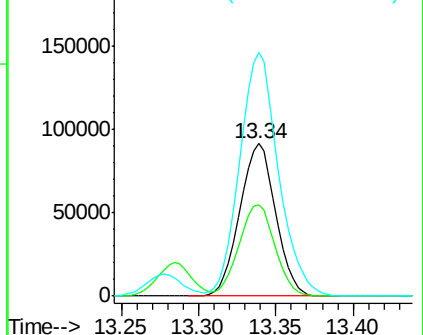
152 100

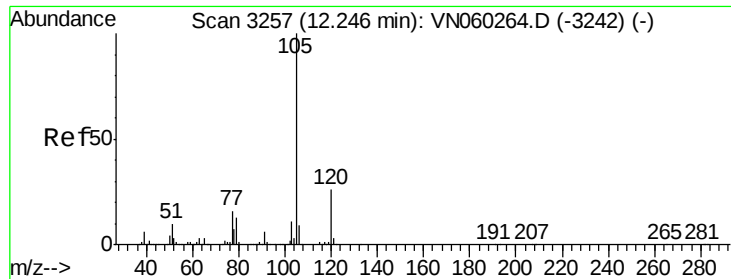
115 60.4 30.0 90.0

150 172.6 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





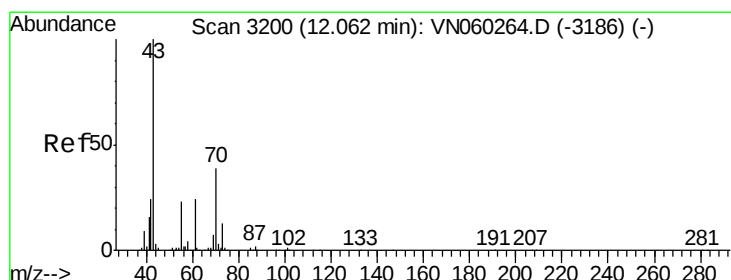
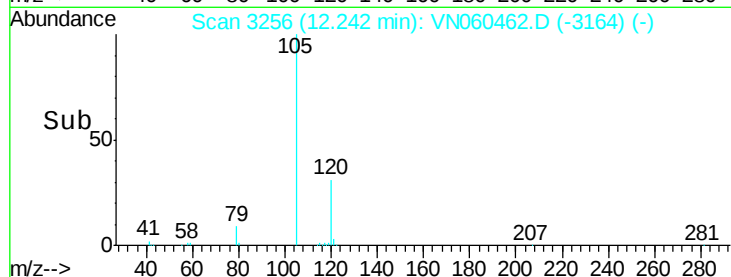
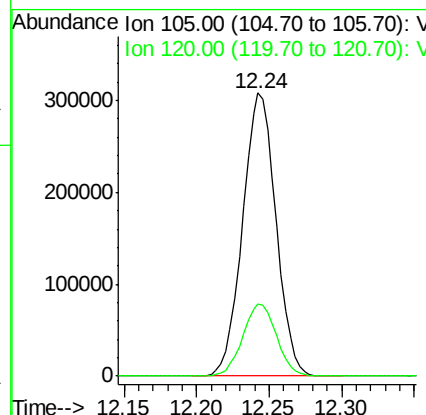
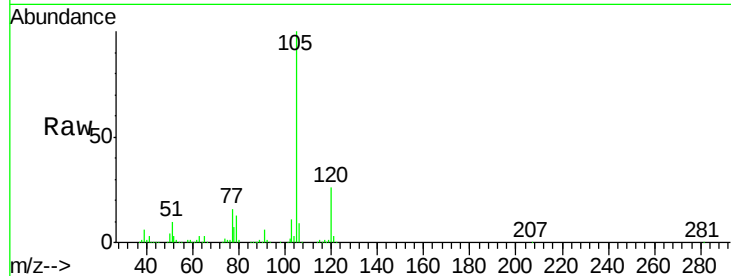
#73
Isopropylbenzene
Concen: 44.788 ug/l
RT: 12.24 min Scan# 3256
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.9	13.0	38.9

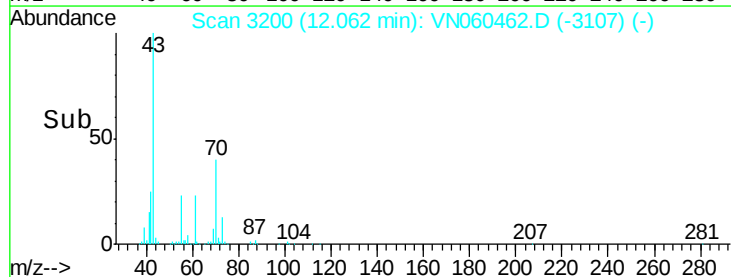
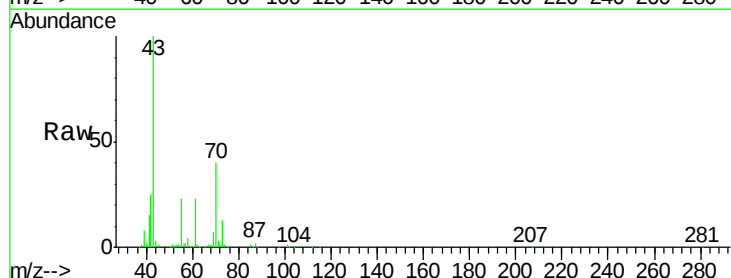
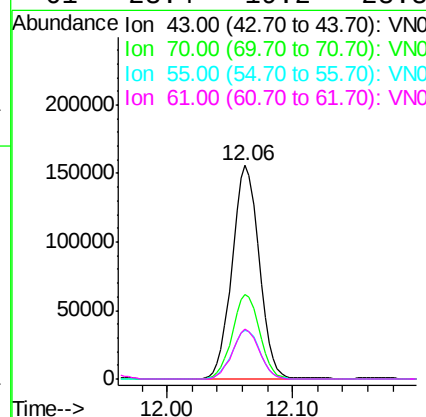
Manual Integrations
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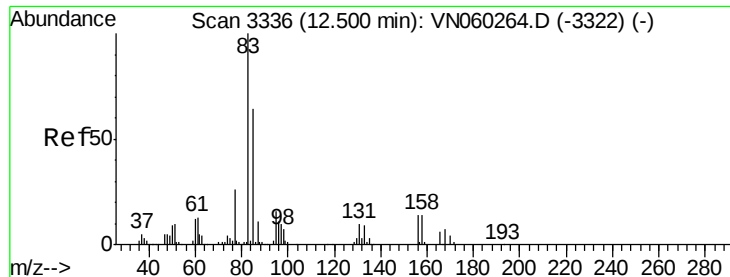
MMDadoda
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#74
N-ethyl acetate
Concen: 48.686 ug/l
RT: 12.06 min Scan# 3200
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
43	100		
70	40.0	32.2	48.2
55	23.7	18.2	27.4
61	23.4	19.2	28.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.910 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

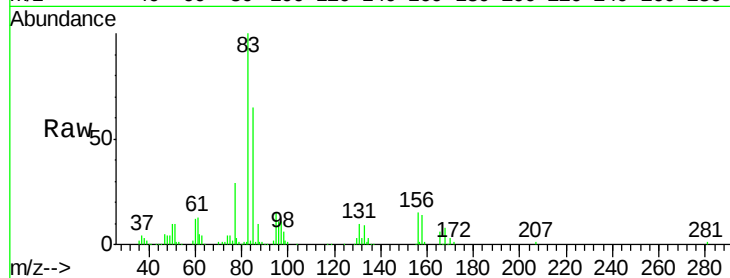
ClientSampleId :

VSTDCCC050EC

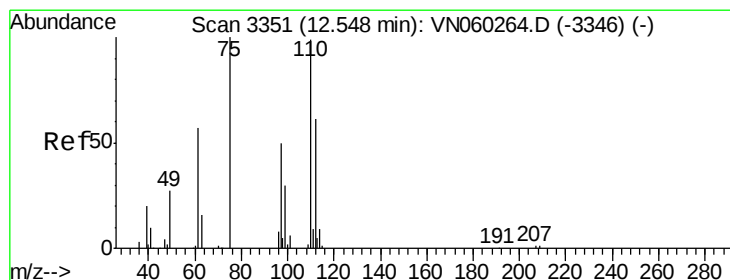
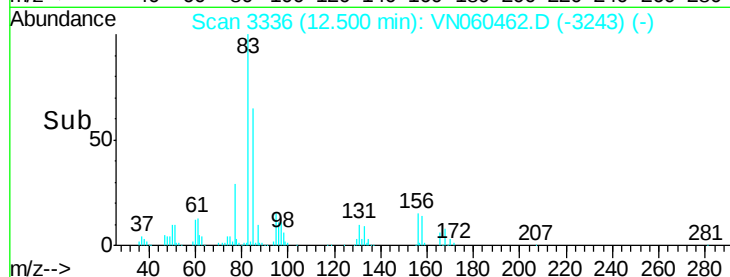
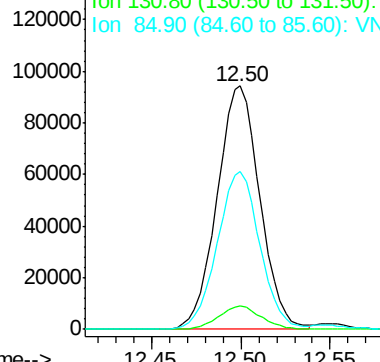
Tot Ion:	83	Resp:	157611
Ion Ratio	Lower	Upper	
83	100		
131	9.7	5.1	15.3
85	64.4	32.3	96.8

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN060462.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 43.660 ug/l m

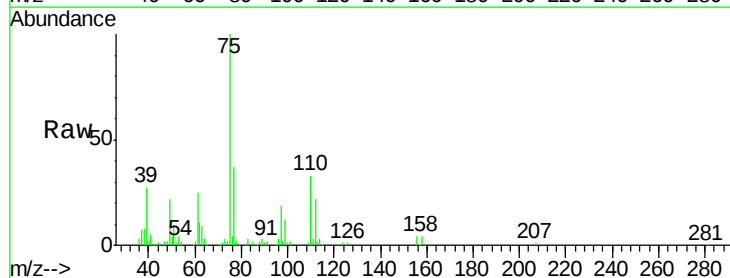
RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

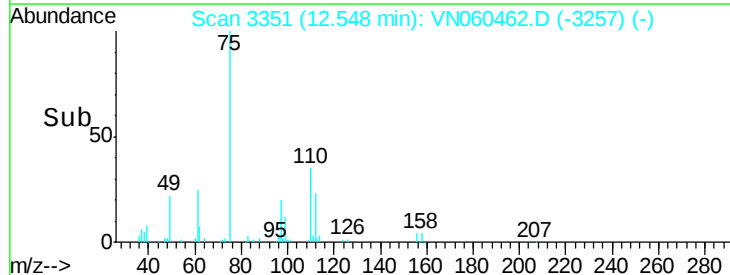
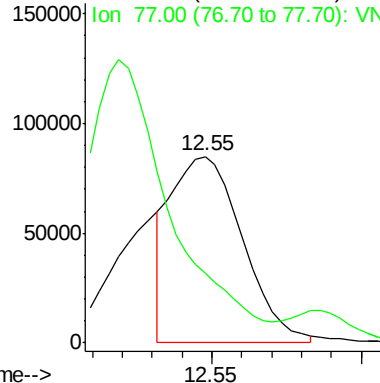
Lab File: VN060462.D

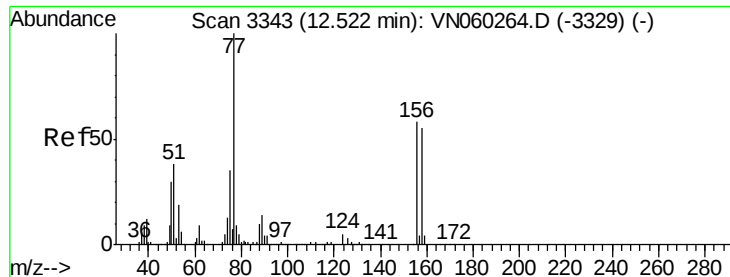
Acq: 11 Mar 2020 19:43

Tgt Ion:	75	Resp:	141628
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060462.D (-3351) (-)





#77

Bromobenzene

Concen: 44.223 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

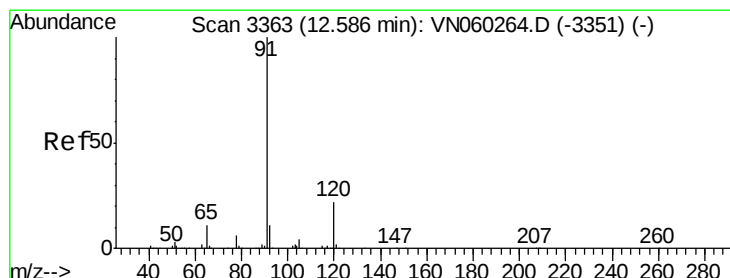
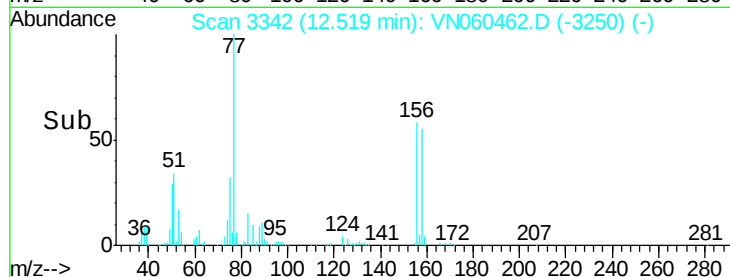
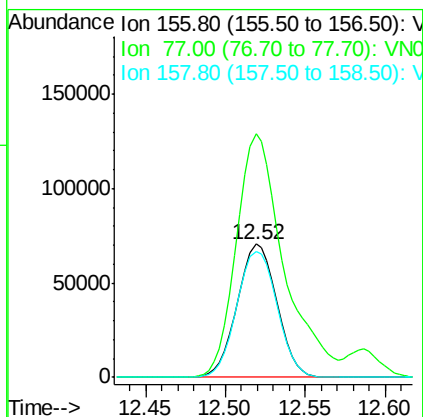
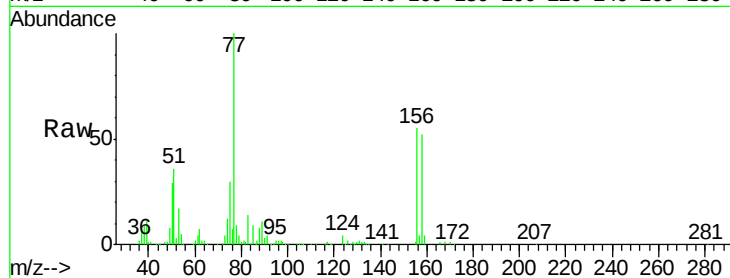
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	118794
Ion Ratio	Lower	Upper	
156	100		
77	221.3	106.1	318.3
158	96.8	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 44.509 ug/l

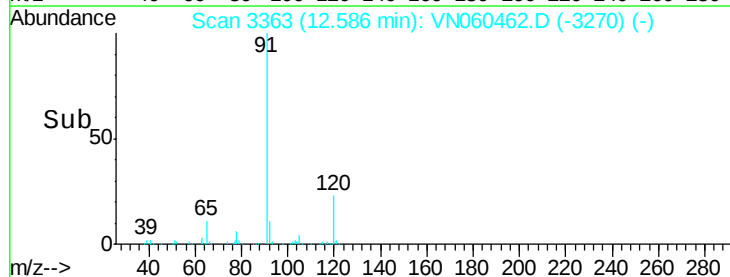
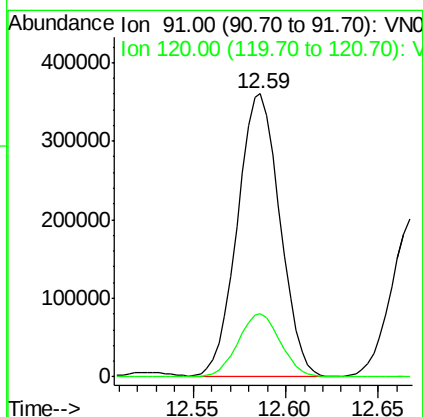
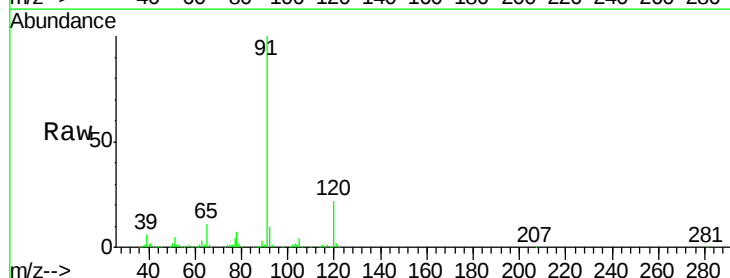
RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion:	91	Resp:	571740
Ion Ratio	Lower	Upper	
91	100		
120	22.2	11.3	33.9





#79

2-Chlorotoluene

Concen: 44.953 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 339434

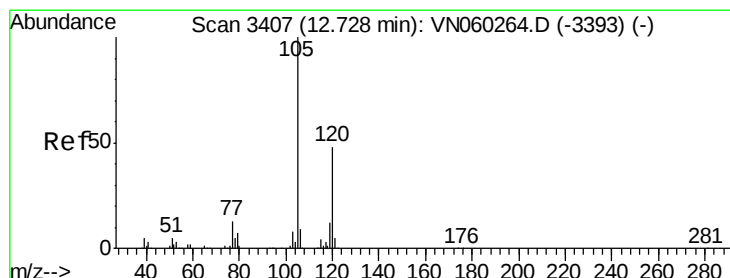
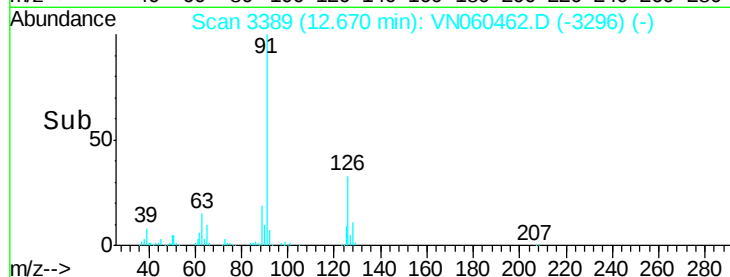
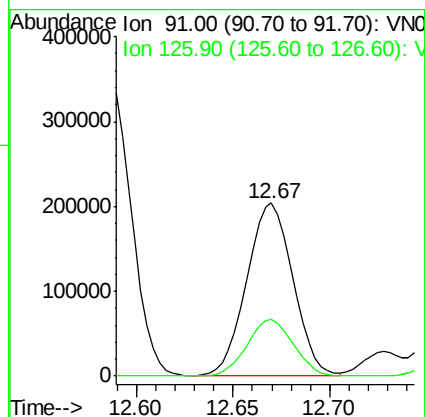
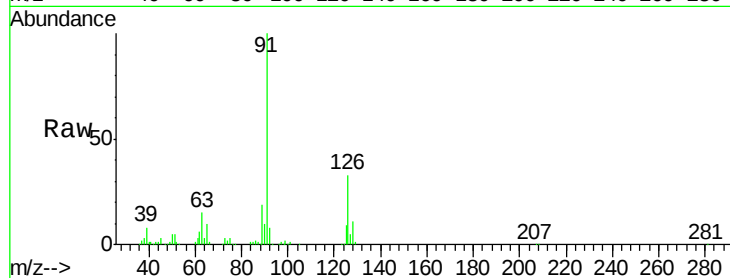
Ion Ratio Lower Upper

91 100

126 32.8 16.6 49.8

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#80

1,3,5-Trimethylbenzene

Concen: 44.719 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060462.D

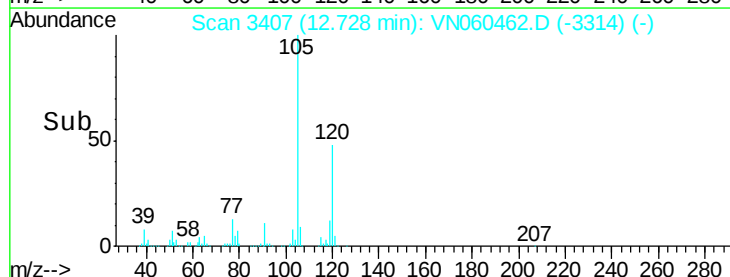
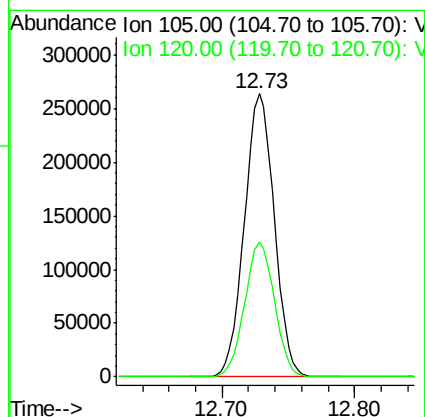
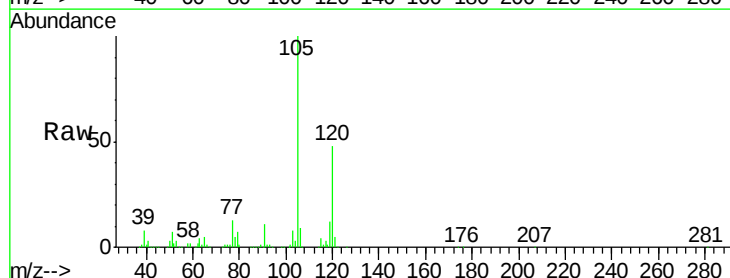
Acq: 11 Mar 2020 19:43

Tgt Ion: 105 Resp: 412606

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.4





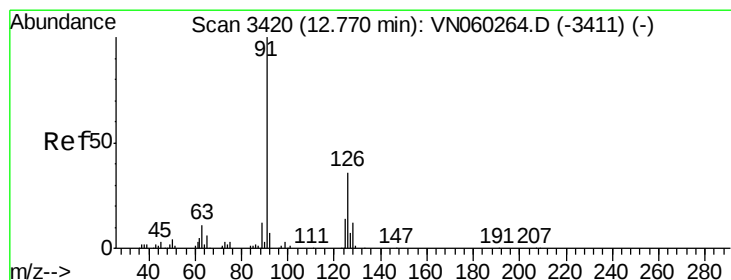
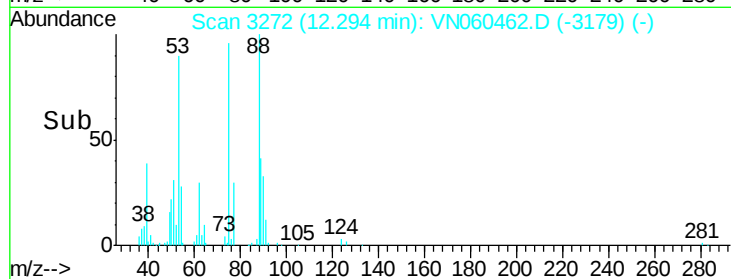
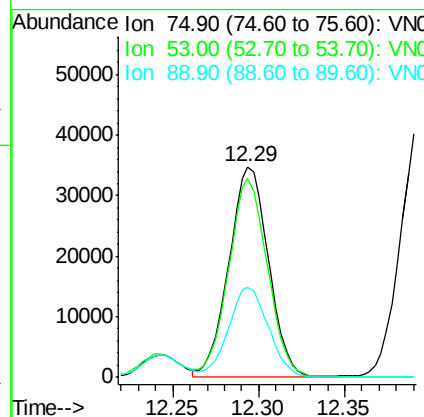
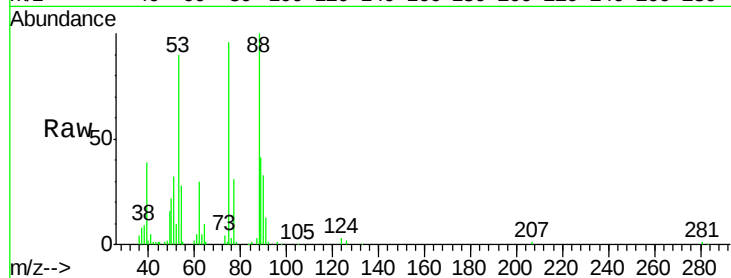
#81
trans-1,4-Dichloro-2-butene
Concen: 47.869 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.0	73.8	110.6
89	43.0	57.1	85.7#

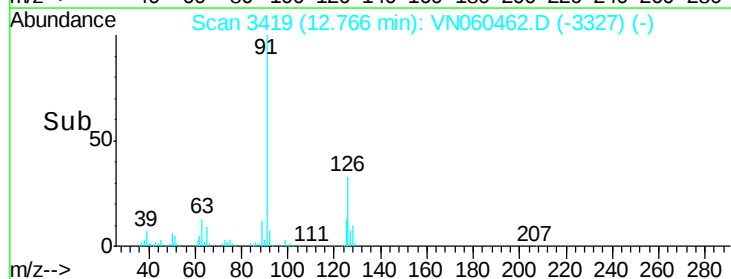
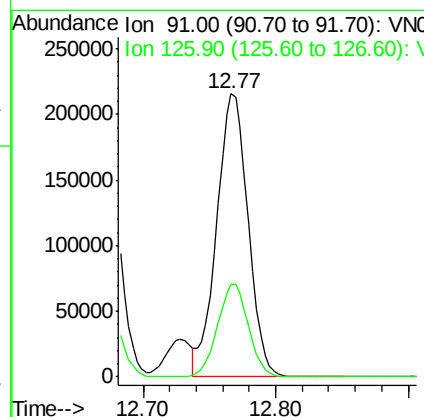
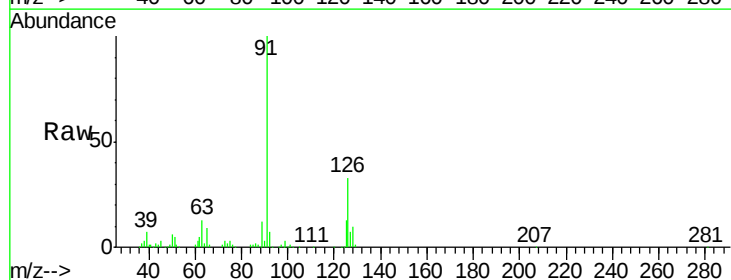
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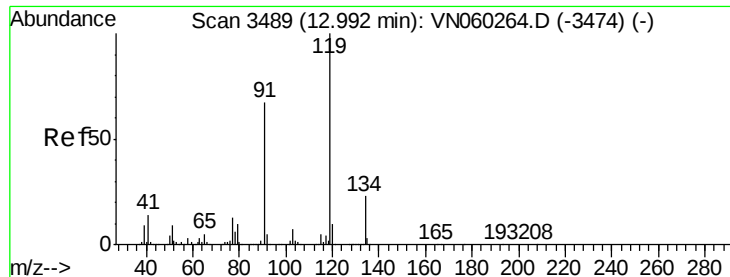
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#82
4-Chlorotoluene
Concen: 44.530 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.7	50.1





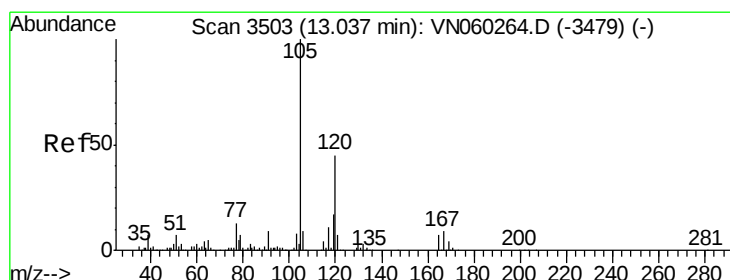
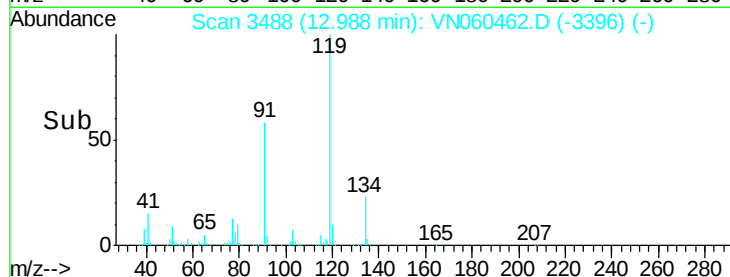
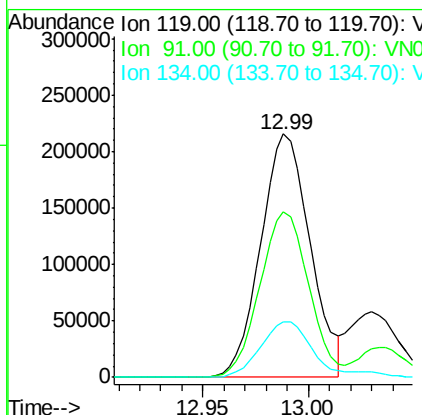
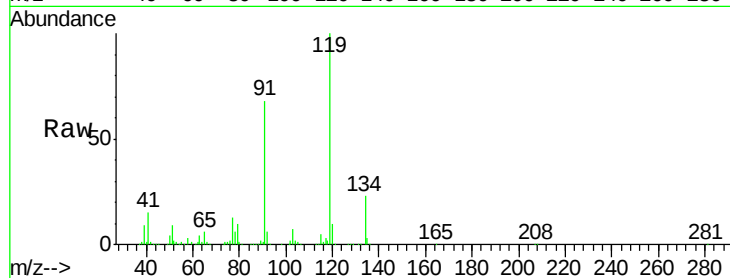
#83
 tert-Butylbenzene
 Concen: 44.164 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	352803		
91	67.5		33.1	99.2
134	24.8		12.4	37.0

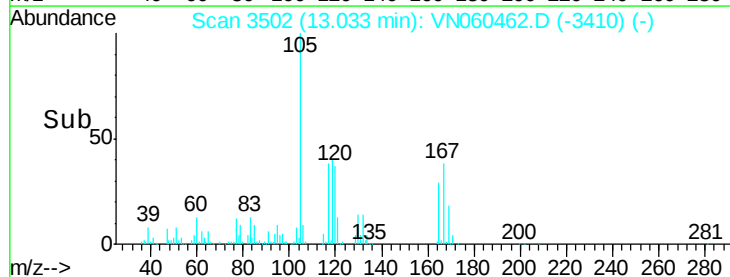
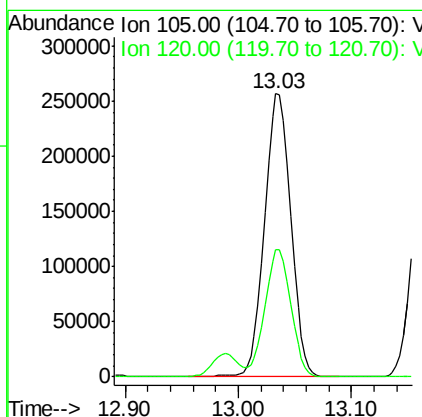
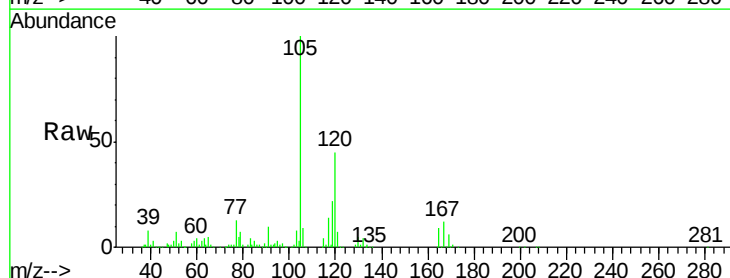
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 44.546 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	414858		
120	44.2		22.3	66.9





#85

sec-Butylbenzene

Concen: 44.042 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 471135

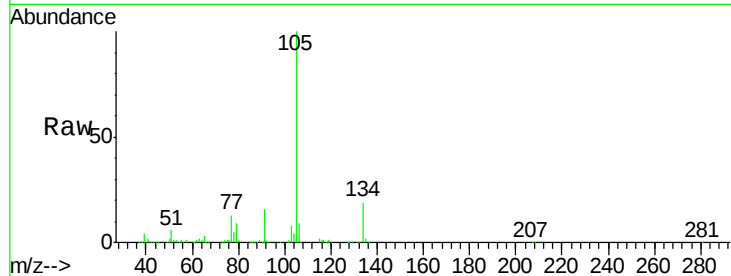
Ion Ratio Lower Upper

105 100

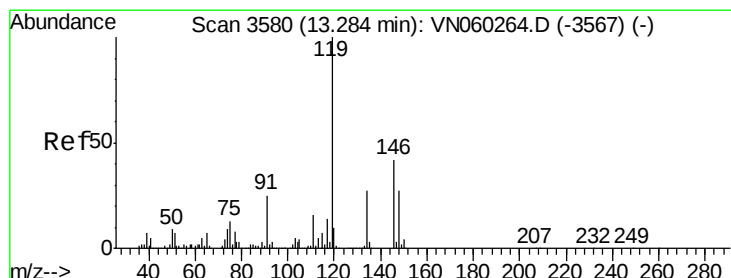
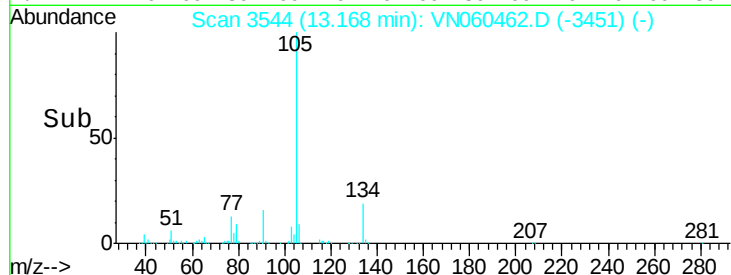
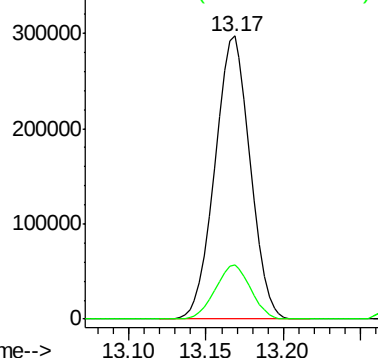
134 19.2 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 42.265 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

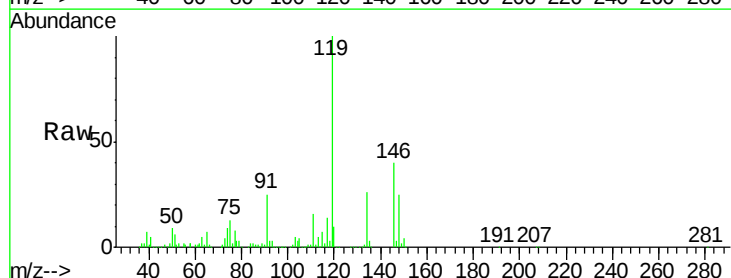
Tgt Ion:119 Resp: 418475

Ion Ratio Lower Upper

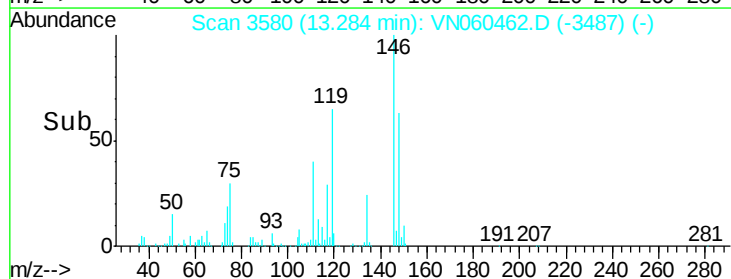
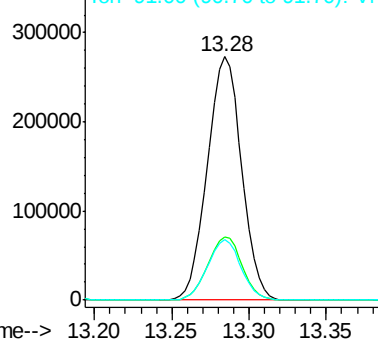
119 100

134 26.1 13.2 39.6

91 24.6 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.217 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN060462.D

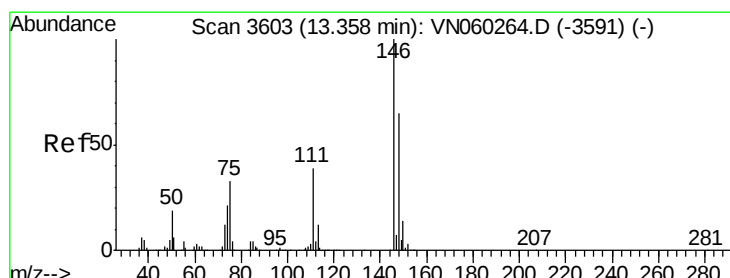
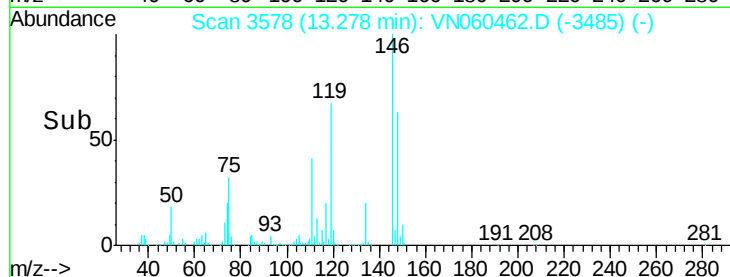
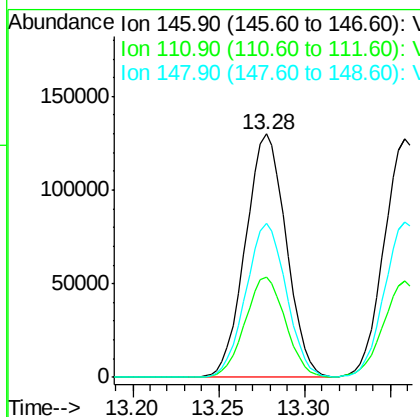
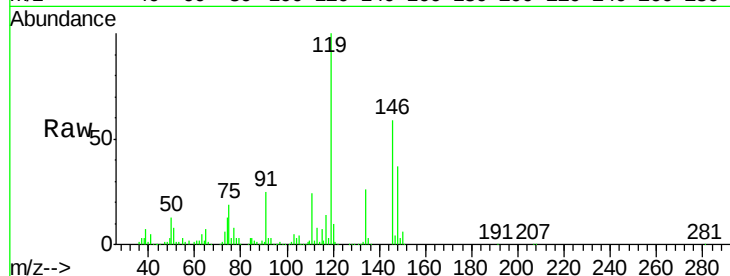
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.0	59.9
148	62.8	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 45.826 ug/l

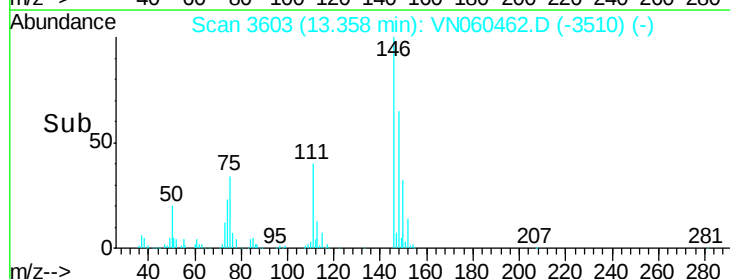
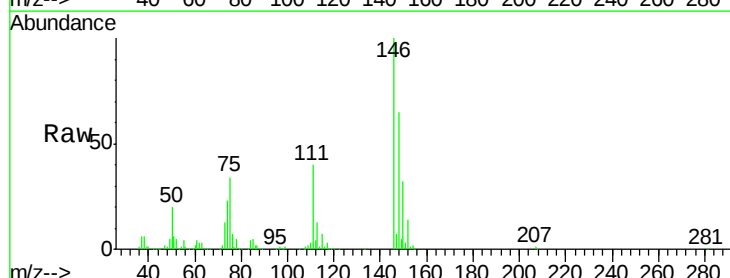
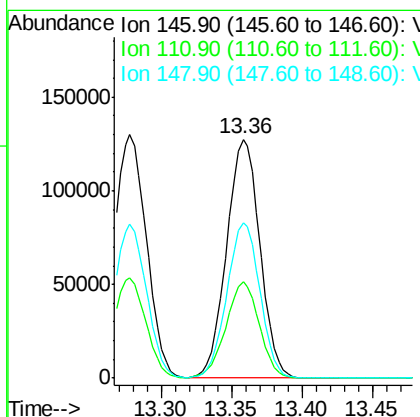
RT: 13.36 min Scan# 3603

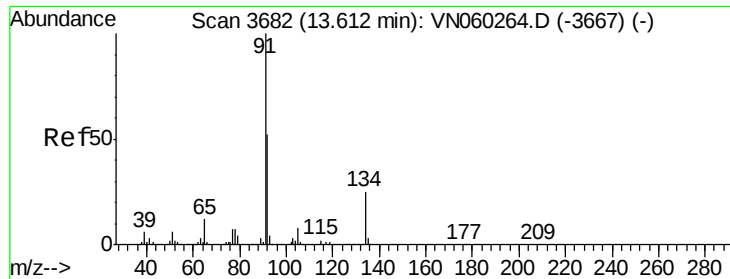
Delta R.T. 0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.8	59.4
148	64.6	32.3	96.9





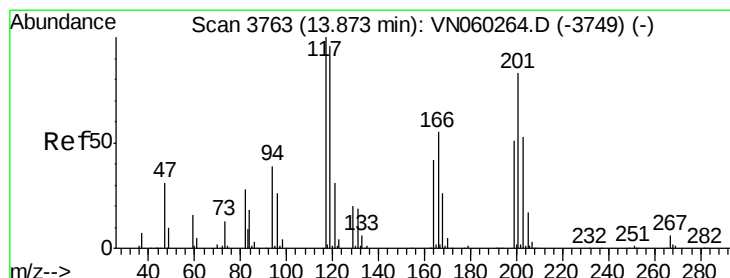
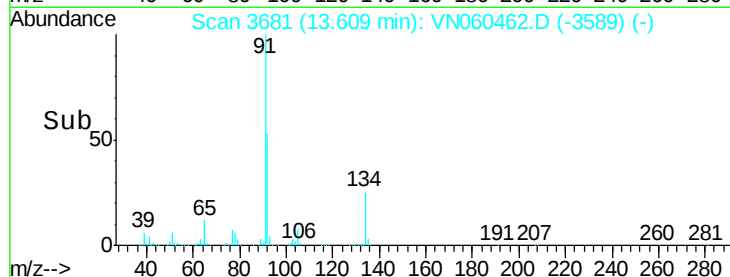
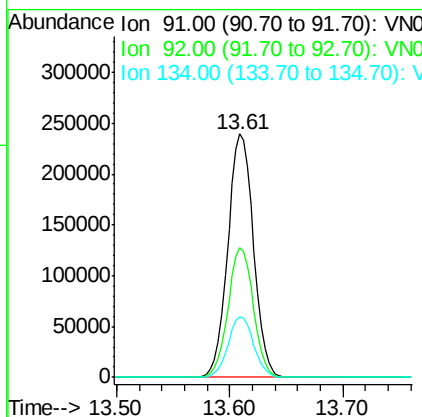
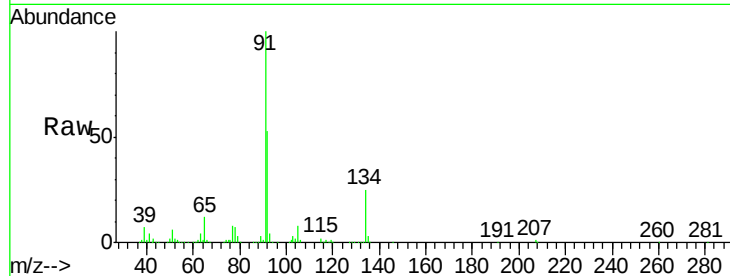
#89
n-Butylbenzene
Concen: 41.387 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.0	78.0
134	24.9	12.7	38.1

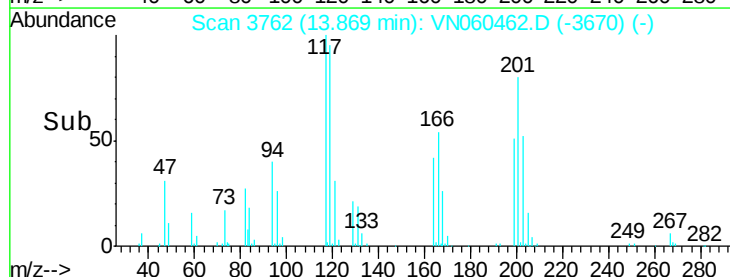
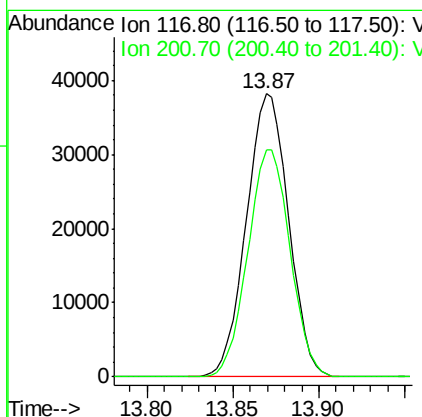
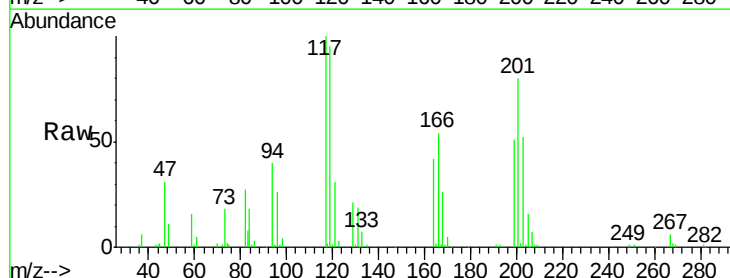
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#90
Hexachloroethane
Concen: 45.288 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060462.D
Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.6	41.0	123.0





#91

1,2-Dichlorobenzene

Concen: 44.356 ug/l

RT: 13.65 min Scan# 3693

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

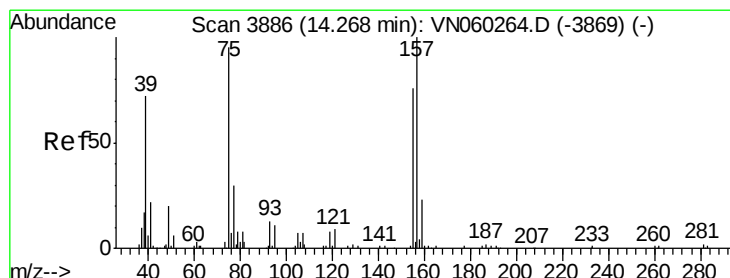
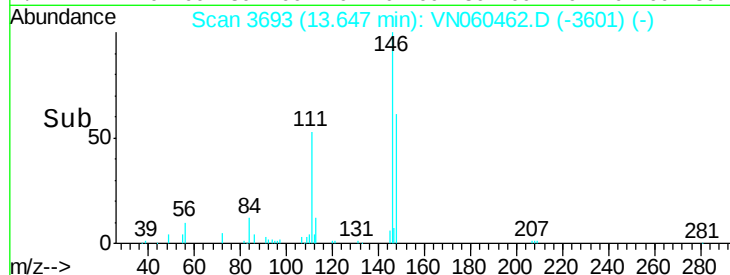
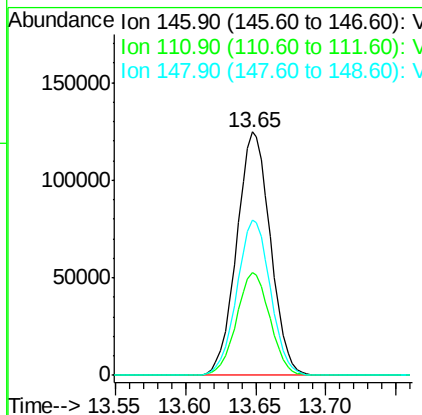
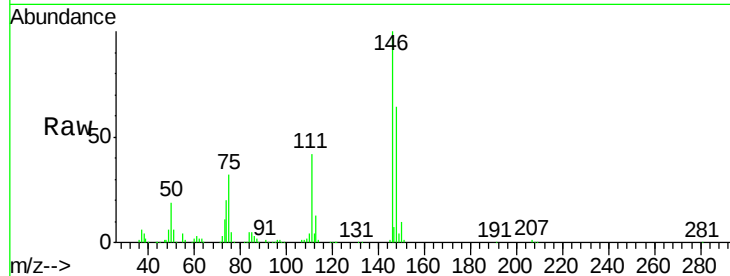
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	208783
Ion Ratio		Lower	Upper
146	100		
111	41.9	20.3	61.0
148	63.6	31.8	95.3

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#92

1,2-Dibromo-3-Chloropropane

Concen: 48.304 ug/l

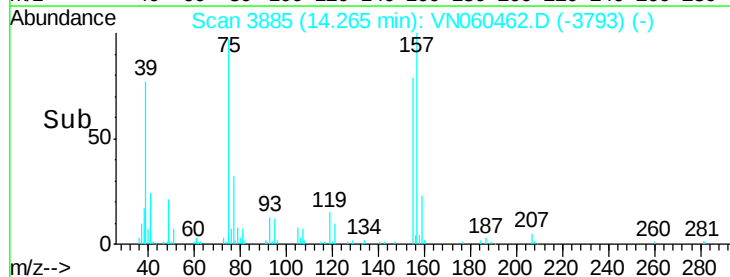
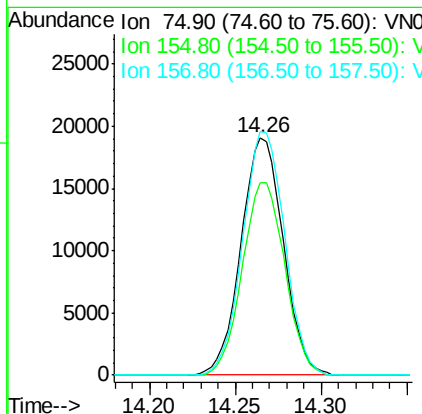
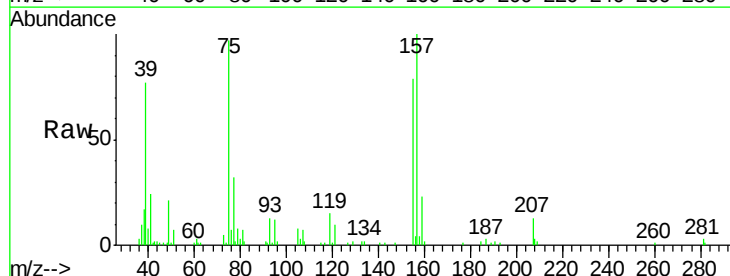
RT: 14.26 min Scan# 3885

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion:	75	Resp:	32585
Ion Ratio		Lower	Upper
75	100		
155	81.2	40.4	121.2
157	101.9	52.5	157.5





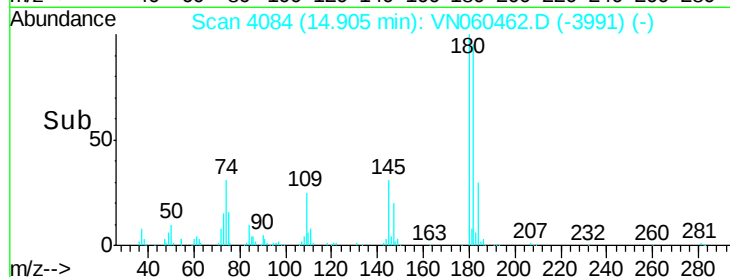
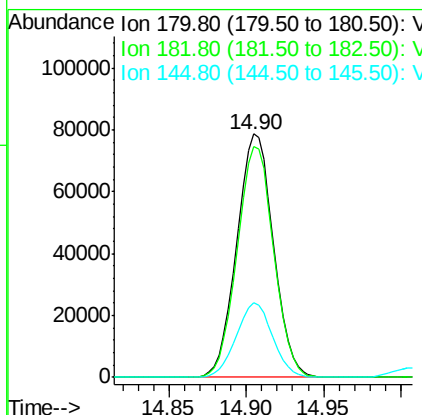
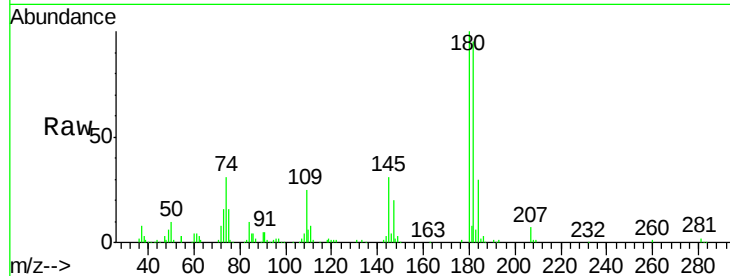
#93
 1,2,4-Trichlorobenzene
 Concen: 43.316 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	129519		
182	94.6	47.8	143.3	
145	30.4	15.4	46.1	

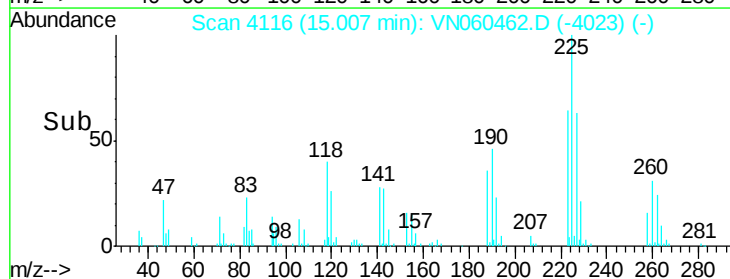
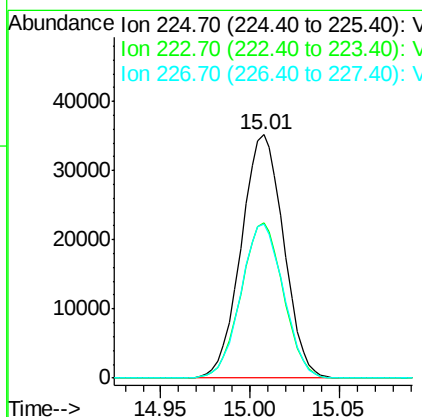
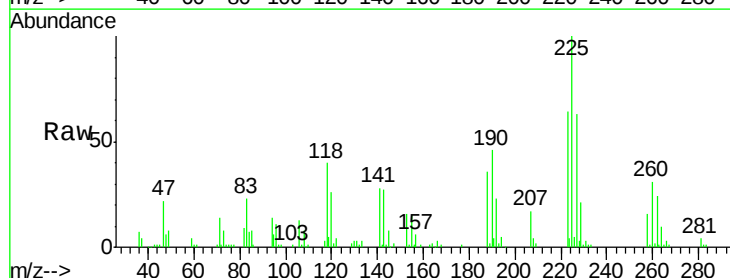
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#94
 Hexachlorobutadiene
 Concen: 42.529 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060462.D
 Acq: 11 Mar 2020 19:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58589		
223	63.6	31.3	93.9	
227	63.5	32.3	96.9	





#95

Naphthalene

Concen: 45.203 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Instrument :

MSVOA_N

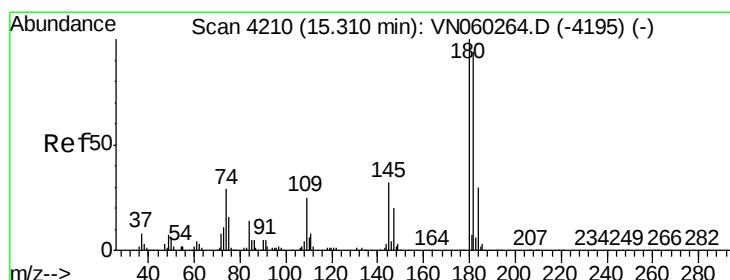
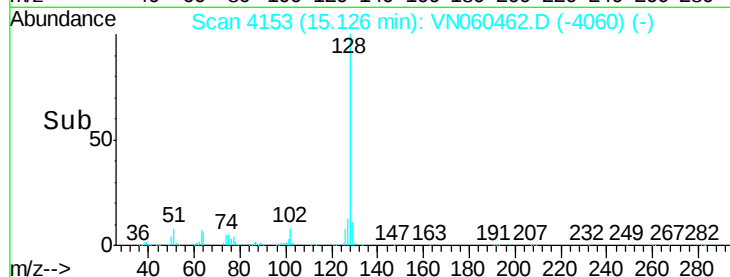
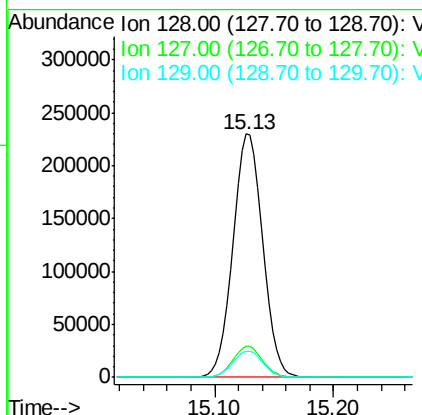
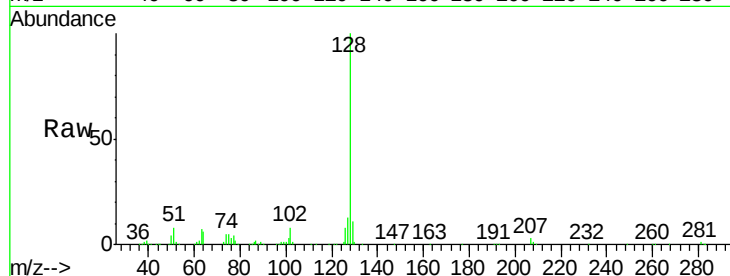
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	398453
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.4	15.6
129	10.9	8.6	13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 44.358 ug/l

RT: 15.31 min Scan# 4210

Delta R.T. 0.00 min

Lab File: VN060462.D

Acq: 11 Mar 2020 19:43

Tgt Ion:	180	Resp:	125003
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.3	142.0
145	32.0	16.2	48.5

