

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100120\
 Data File : VN063810.D
 Acq On : 2 Oct 2020 7:44
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:12:27 PM

Quant Time: Oct 02 08:05:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	222256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389552	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	369436	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	173242	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	214544	58.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.86%	
35) Dibromofluoromethane	7.55	113	147915	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
50) Toluene-d8	10.06	98	504046	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
62) 4-Bromofluorobenzene	12.38	95	189897	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	109610	46.738	ug/l	99
3) Chloromethane	2.04	50	144785	52.616	ug/l	97
4) Vinyl Chloride	2.16	62	138577	50.169	ug/l	100
5) Bromomethane	2.52	94	90468	52.071	ug/l	99
6) Chloroethane	2.67	64	94667	57.355	ug/l	100
7) Trichlorofluoromethane	2.98	101	216956	49.525	ug/l	98
8) Diethyl Ether	3.37	74	85696	57.842	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	107778	46.030	ug/l	97
10) Methyl Iodide	3.91	142	154669	56.891	ug/l	98
11) Tert butyl alcohol	4.73	59	144142	355.571	ug/l	100
12) 1,1-Dichloroethene	3.69	96	112393	50.218	ug/l	99
13) Acrolein	3.57	56	60024	241.254	ug/l	99
14) Allyl chloride	4.28	41	222842	53.595	ug/l	96
15) Acrylonitrile	4.93	53	369469	318.404	ug/l	99
16) Acetone	3.78	43	368809	326.291	ug/l	95
17) Carbon Disulfide	4.01	76	296364	49.007	ug/l	99
18) Methyl Acetate	4.27	43	188104	64.096	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	481050	59.161	ug/l	100
20) Methylene Chloride	4.50	84	147989	57.148	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	127586	50.895	ug/l	98
22) Diisopropyl ether	5.90	45	513437	60.019	ug/l	99
23) Vinyl Acetate	5.84	43	2176660	307.164	ug/l	99
24) 1,1-Dichloroethane	5.79	63	270044	55.209	ug/l	99
25) 2-Butanone	6.78	43	538805	336.229	ug/l	99
26) 2,2-Dichloropropane	6.78	77	147782	32.992	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	154681	53.651	ug/l	97
28) Bromochloromethane	7.15	49	137751	56.980	ug/l	99
29) Tetrahydrofuran	7.17	42	363259	337.984	ug/l	99
30) Chloroform	7.33	83	288214	56.512	ug/l	97
31) Cyclohexane	7.61	56	181020	42.465	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	244755	53.206	ug/l	99
36) 1,1-Dichloropropene	7.75	75	179622	45.514	ug/l	99
37) Ethyl Acetate	6.88	43	225378	57.481	ug/l	99
38) Carbon Tetrachloride	7.74	117	199717	45.129	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	152484	38.745	ug/l	97
40) Benzene	8.00	78	572641	50.801	ug/l	99
41) Methacrylonitrile	7.12	41	93119m	53.436	ug/l	
42) 1,2-Dichloroethane	8.08	62	260618	54.163	ug/l	98
43) Isopropyl Acetate	8.13	43	384122	59.393	ug/l	100
44) Trichloroethene	8.80	130	137005	46.387	ug/l	97
45) 1,2-Dichloropropane	9.08	63	160991	52.883	ug/l	100
46) Dibromomethane	9.17	93	114721	54.626	ug/l	98
47) Bromodichloromethane	9.37	83	237429	54.856	ug/l	100
48) Methyl methacrylate	9.17	41	198482	62.117	ug/l	95
49) 1,4-Dioxane	9.16	88	59211	1303.849	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1213559	319.746	ug/l	99
52) Toluene	10.12	92	349059	50.063	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	231459	49.888	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	242286	49.934	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	153845	55.021	ug/l	98
56) Ethyl methacrylate	10.40	69	234330	59.123	ug/l	98
57) 1,3-Dichloropropane	10.68	76	263652	55.734	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	627266	295.870	ug/l	100
59) 2-Hexanone	10.72	43	901571	319.769	ug/l	100
60) Dibromochloromethane	10.87	129	174344	53.540	ug/l	99
61) 1,2-Dibromoethane	10.98	107	161236	56.371	ug/l	99
64) Tetrachloroethene	10.60	164	123422	43.182	ug/l	98
65) Chlorobenzene	11.41	112	370080	48.834	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	150465	51.790	ug/l	99
67) Ethyl Benzene	11.48	91	659966	47.859	ug/l	98
68) m/p-Xylenes	11.59	106	484837	94.337	ug/l	98
69) o-Xylene	11.92	106	236786	49.293	ug/l	100
70) Styrene	11.94	104	414424	50.824	ug/l	100
71) Bromoform	12.10	173	123494	55.578	ug/l #	100
73) Isopropylbenzene	12.22	105	613156	48.524	ug/l	100
74) N-amyl acetate	12.04	43	343116	58.049	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	228118	59.037	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	217541m	56.964	ug/l	
77) Bromobenzene	12.50	156	161593	52.117	ug/l	99
78) n-propylbenzene	12.57	91	691436	47.017	ug/l	99
79) 2-Chlorotoluene	12.65	91	447816	49.513	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	524078	49.436	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	68994	52.034	ug/l	98
82) 4-Chlorotoluene	12.75	91	465127	49.539	ug/l	100
83) tert-Butylbenzene	12.97	119	409233	47.193	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	524417	49.547	ug/l	98
85) sec-Butylbenzene	13.15	105	522767	45.899	ug/l	100
86) p-Isopropyltoluene	13.26	119	468695	46.517	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	277678	49.502	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	278907	47.754	ug/l	99
89) n-Butylbenzene	13.59	91	385918	41.499	ug/l	100
90) Hexachloroethane	13.85	117	92522	47.388	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	281703	50.703	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54802	60.476	ug/l	99

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Quant Title : SW846 8260
QLast Update : Thu Oct 01 01:46:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	127230	42.387	ug/l	99
94) Hexachlorobutadiene	14.98	225	63410	42.104	ug/l	99
95) Naphthalene	15.10	128	443052	47.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	129125	44.253	ug/l	98

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

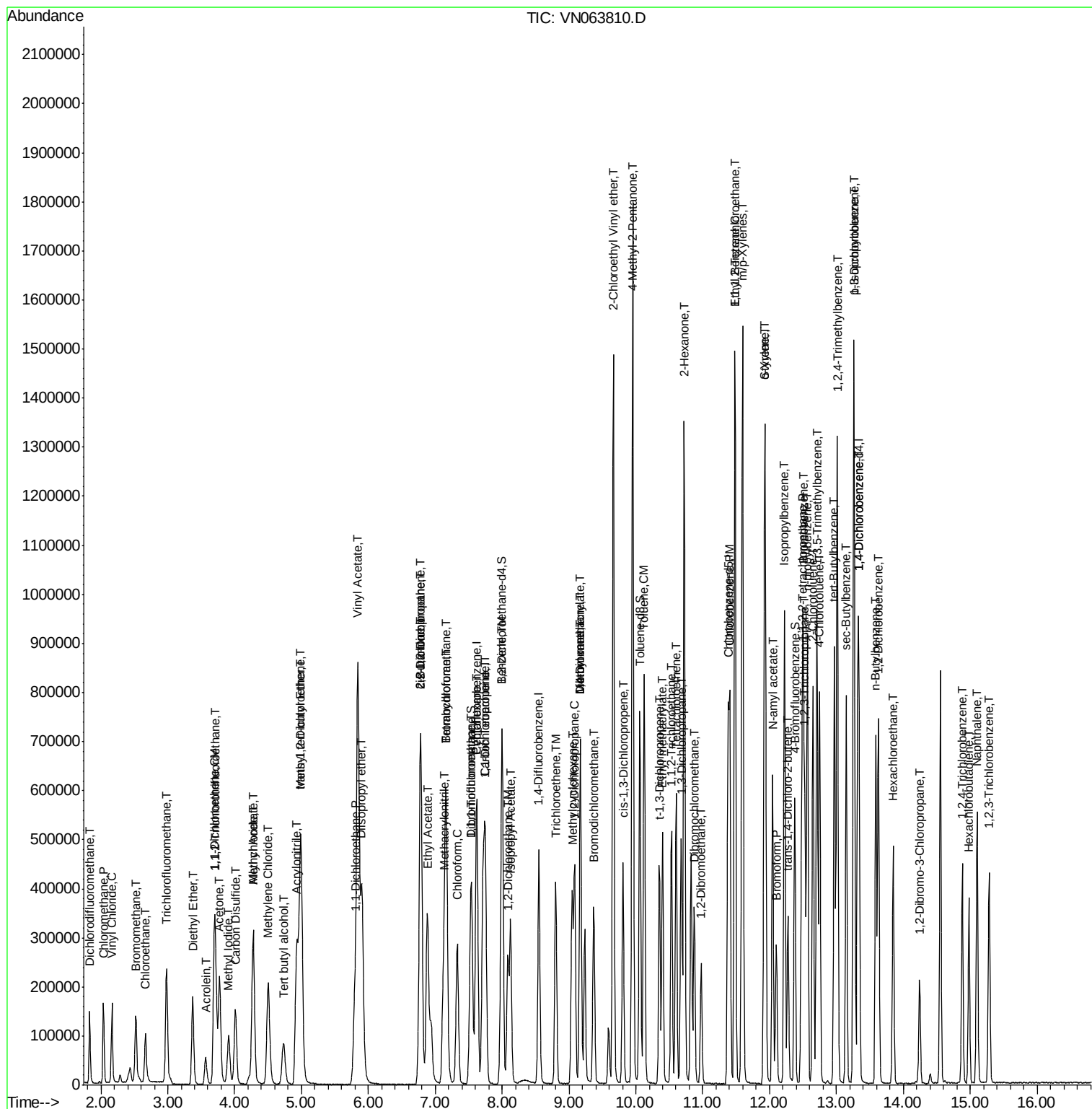
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 Data File : VN063810.D
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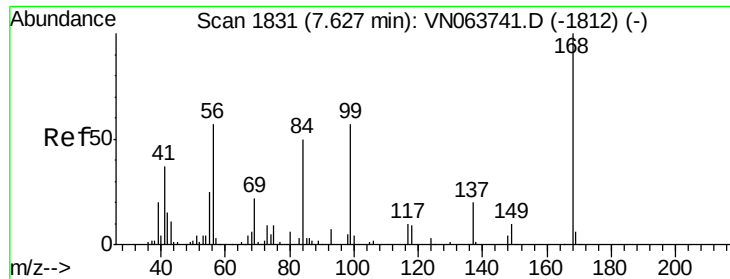
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDCCC050EC

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 22256

Ion Ratio Lower Upper

168 100

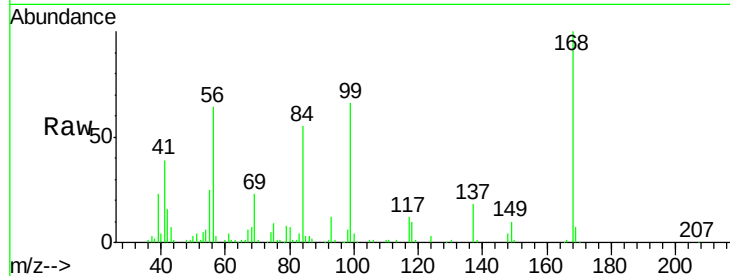
99 65.5 51.8 77.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

100000

80000

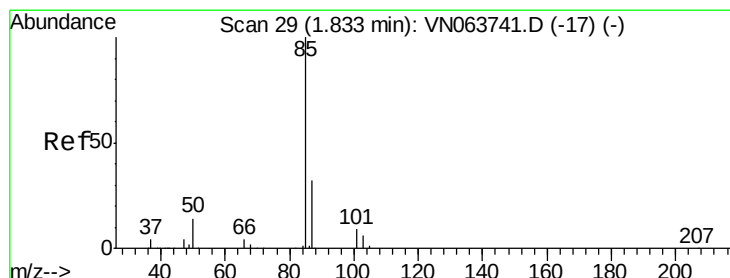
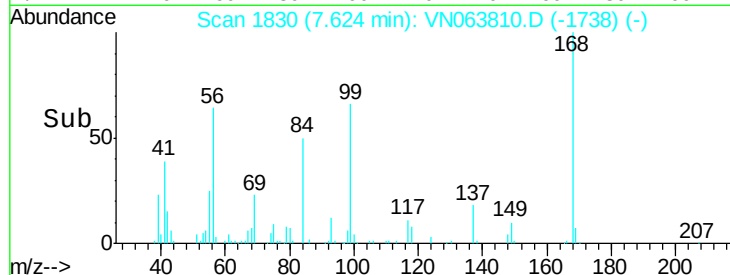
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 46.738 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063810.D

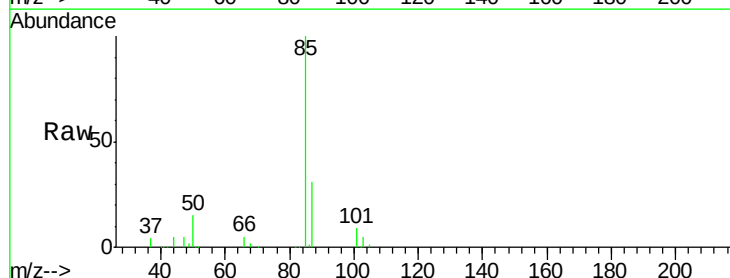
Acq: 2 Oct 2020 7:44

Tgt Ion: 85 Resp: 109610

Ion Ratio Lower Upper

85 100

87 31.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

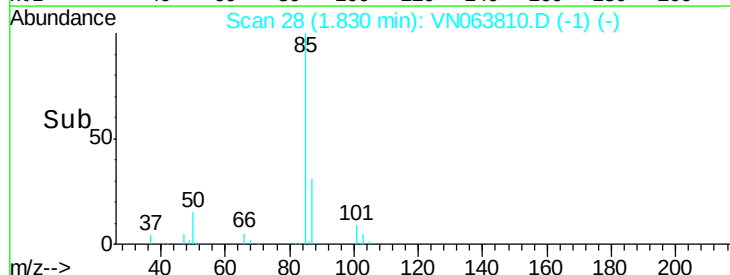
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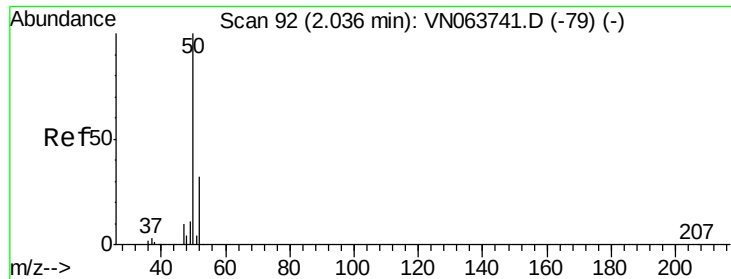
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 52.616 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Tot Ion: 50 Resp: 144785

Ion Ratio Lower Upper

50 100

52 34.1 25.8 38.8

Instrument :

MSVOA_N

ClientSampleId :

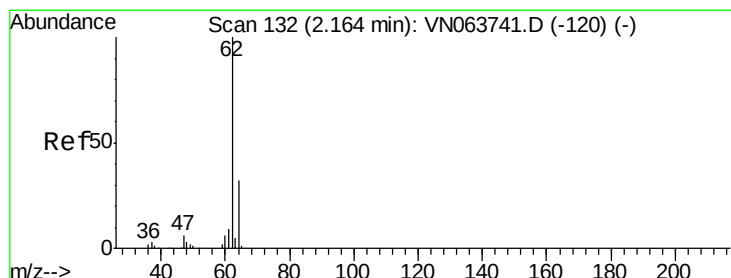
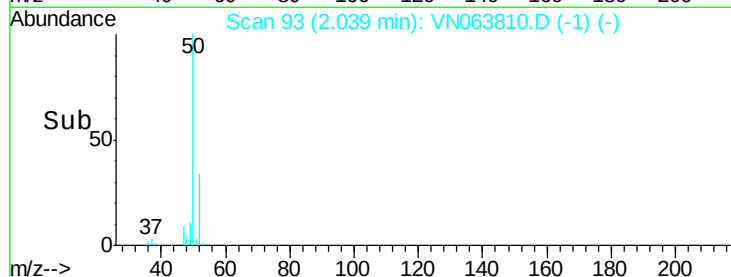
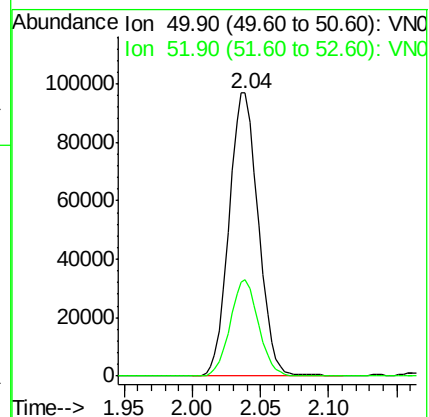
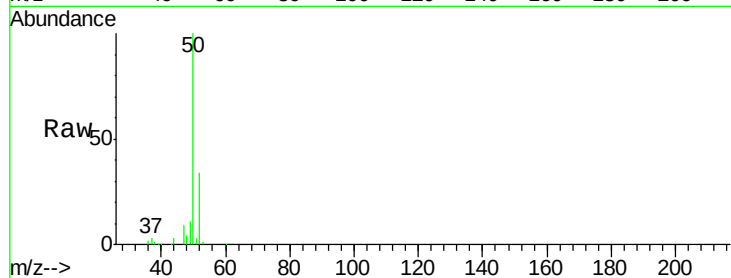
VSTDCCC050EC

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.169 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063810.D

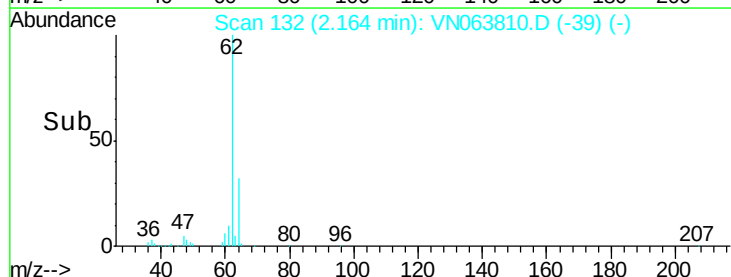
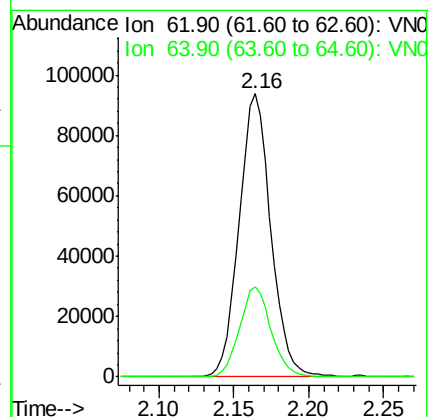
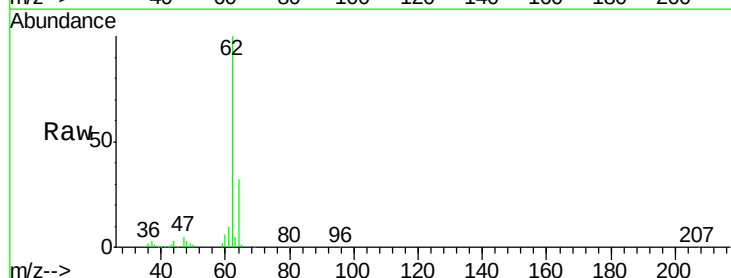
Acq: 2 Oct 2020 7:44

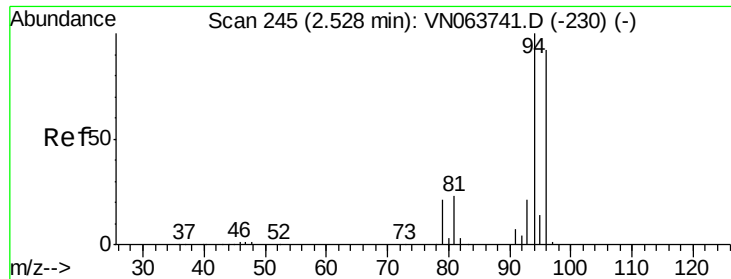
Tgt Ion: 62 Resp: 138577

Ion Ratio Lower Upper

62 100

64 32.0 25.6 38.4





#5

Bromomethane

Concen: 52.071 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 90468

Ion Ratio Lower Upper

94 100

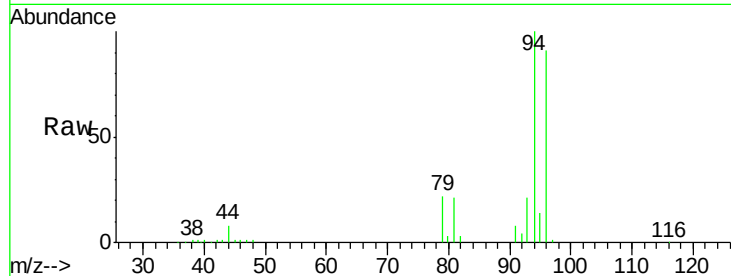
96 90.9 73.3 109.9

Manual Integrations

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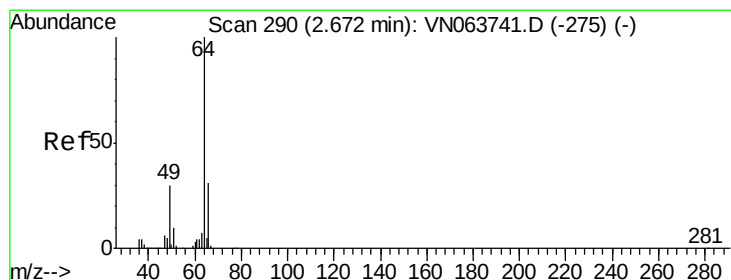
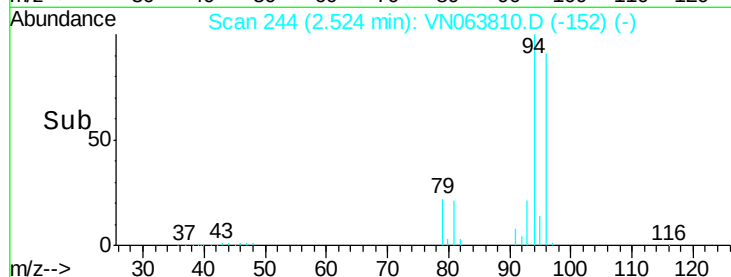
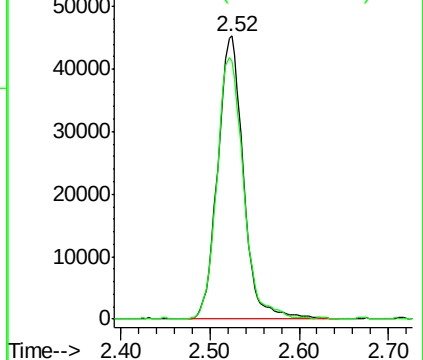
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 57.355 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063810.D

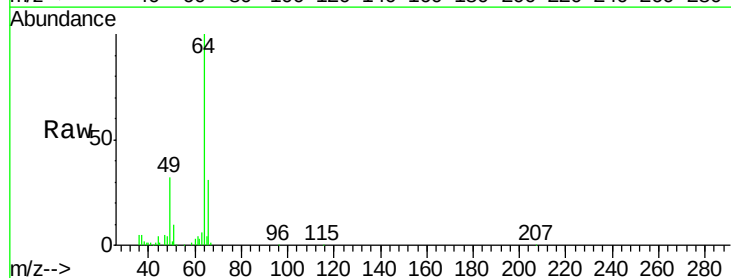
Acq: 2 Oct 2020 7:44

Tgt Ion: 64 Resp: 94667

Ion Ratio Lower Upper

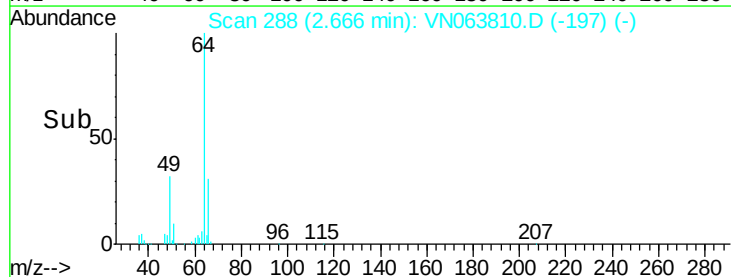
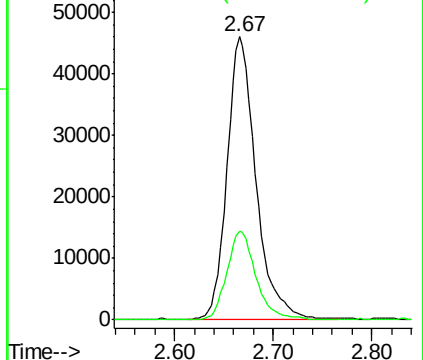
64 100

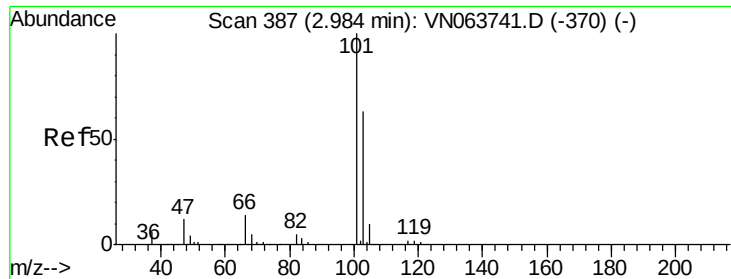
66 31.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

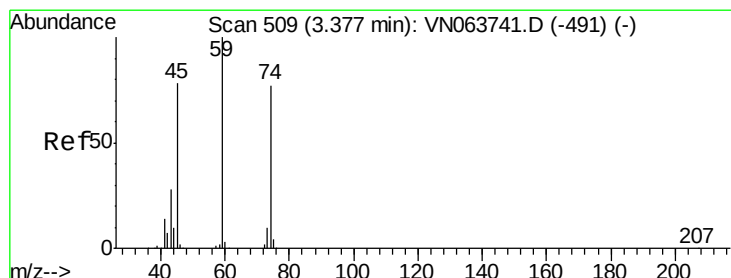
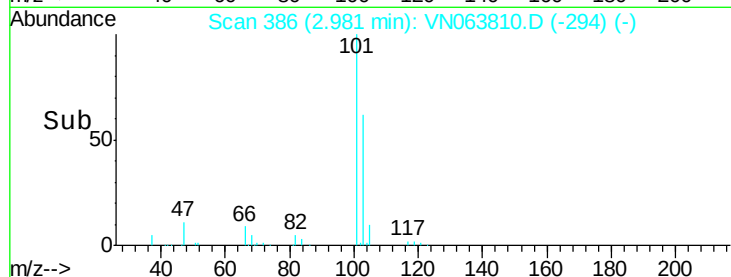
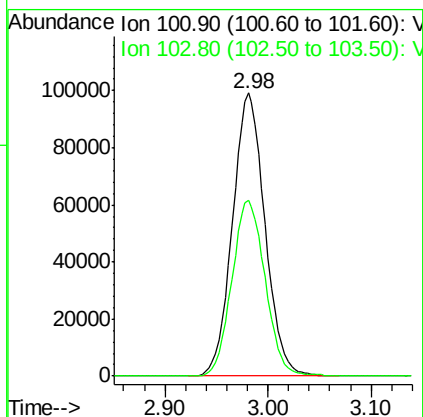
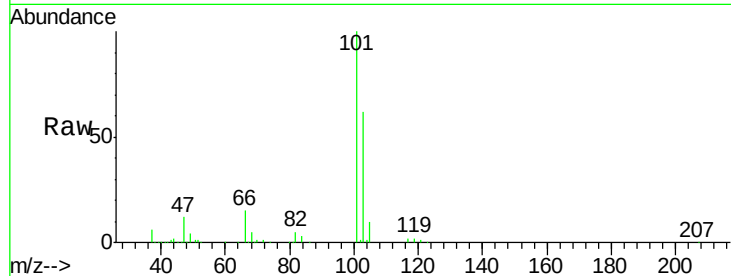
Trichlorofluoromethane
Concen: 49.525 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	50.7	76.1

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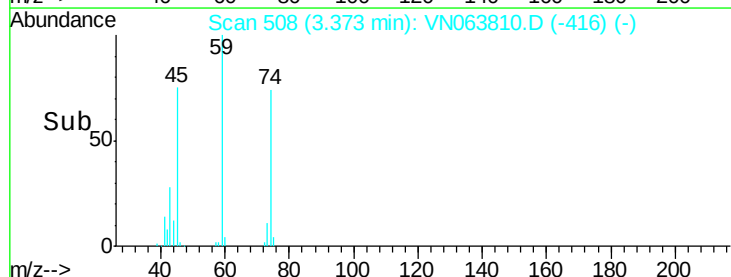
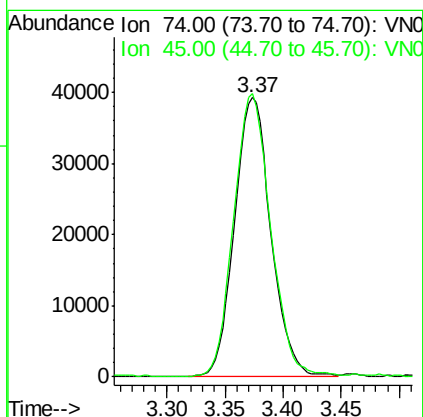
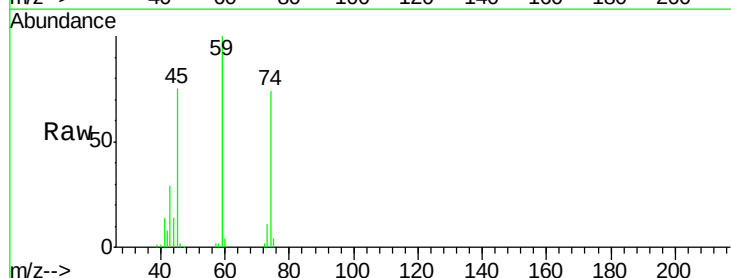
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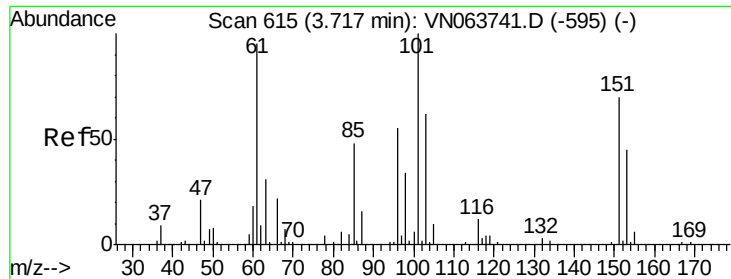


#8

Diethyl Ether
Concen: 57.842 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.4	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.030 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

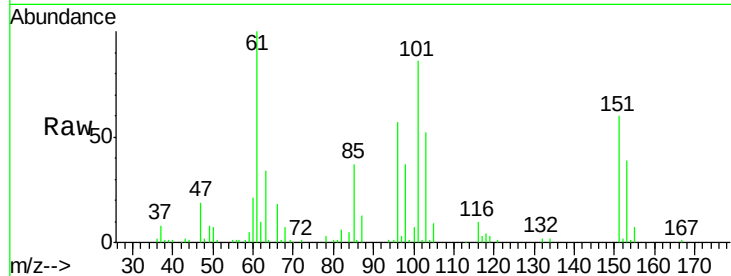
ClientSampleId :

VSTDCCC050EC

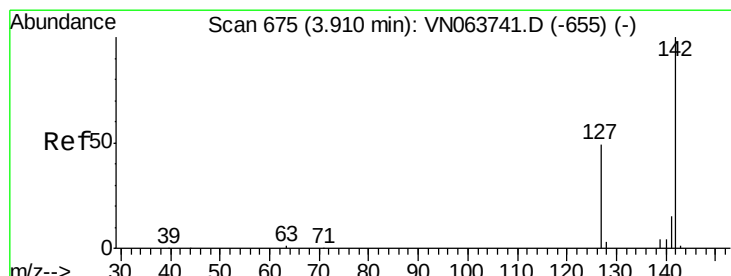
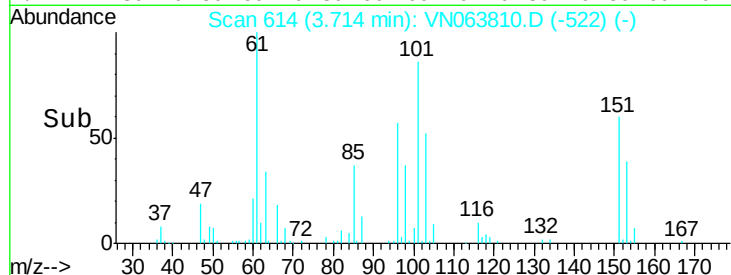
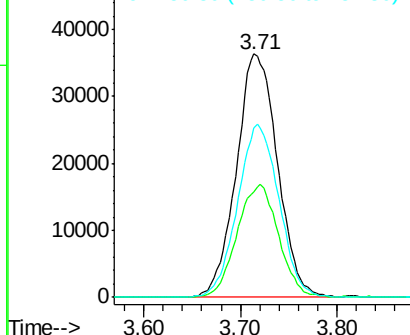
Tot Ion:	101	Resp:	107778
Ion Ratio	Lower	Upper	
101	100		
85	46.5	38.6	58.0
151	71.3	58.7	88.1

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.891 ug/l

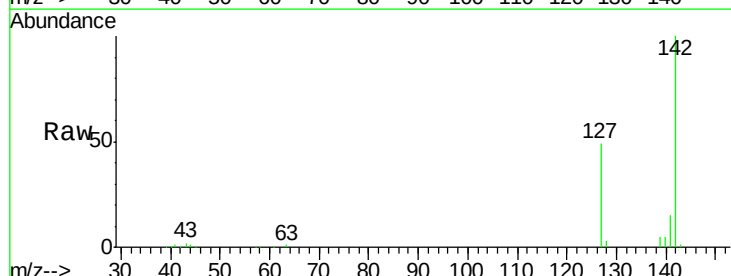
RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

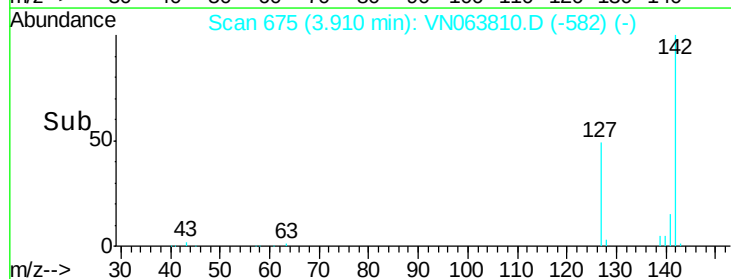
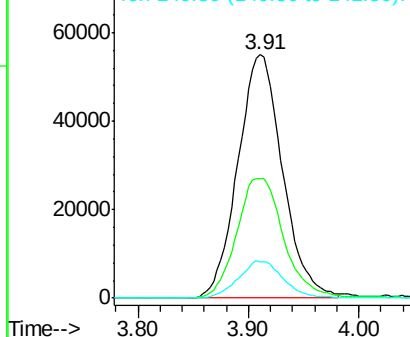
Lab File: VN063810.D

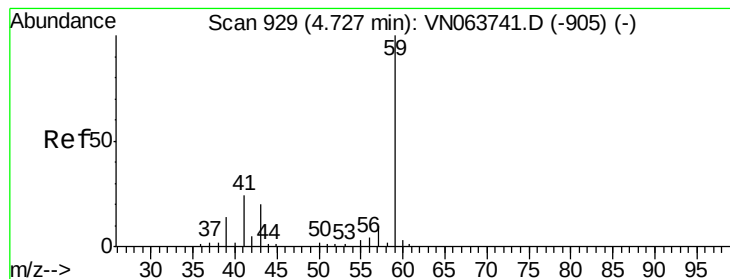
Acq: 2 Oct 2020 7:44

Tgt Ion:	142	Resp:	154669
Ion Ratio	Lower	Upper	
142	100		
127	51.7	40.5	60.7
141	15.3	11.7	17.5



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

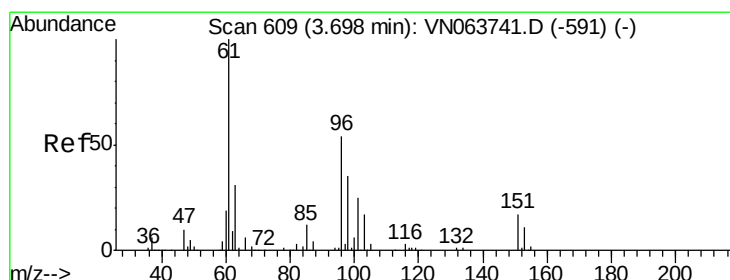
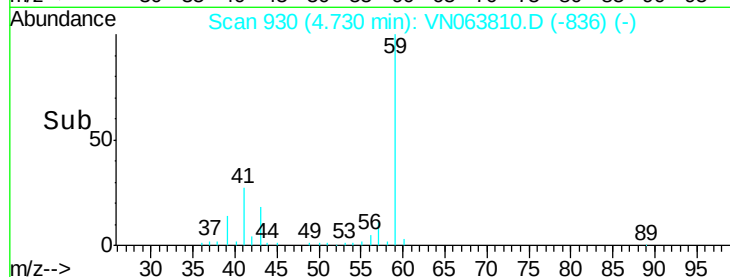
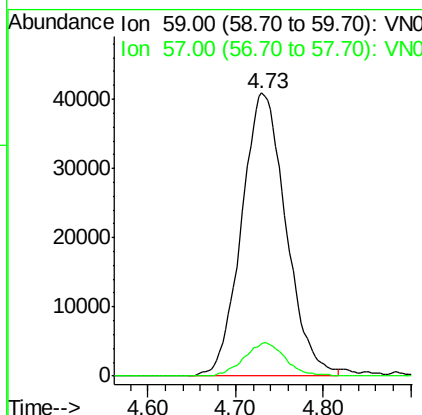
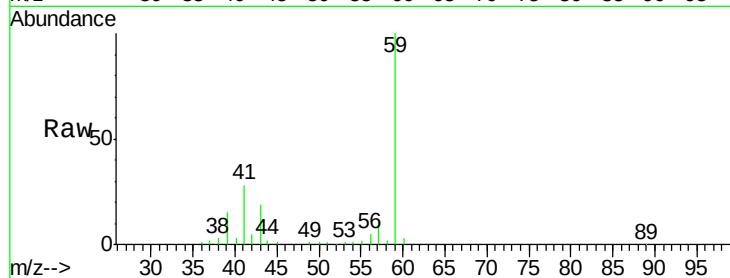
Tert butyl alcohol
Concen: 355.571 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 144142
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

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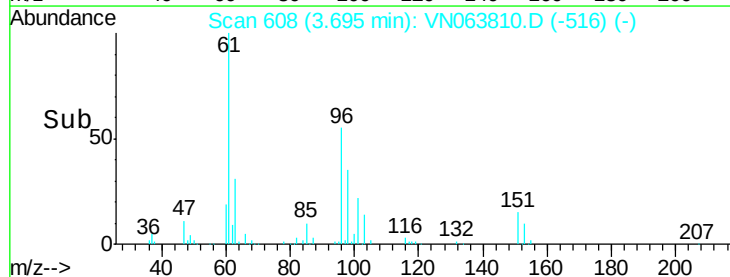
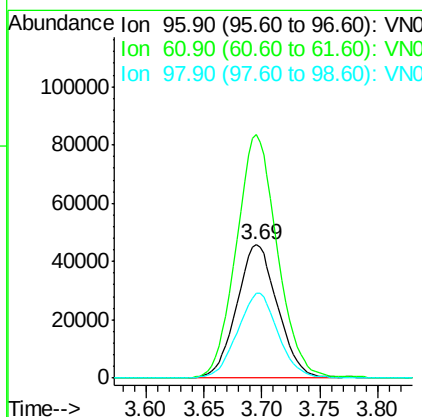
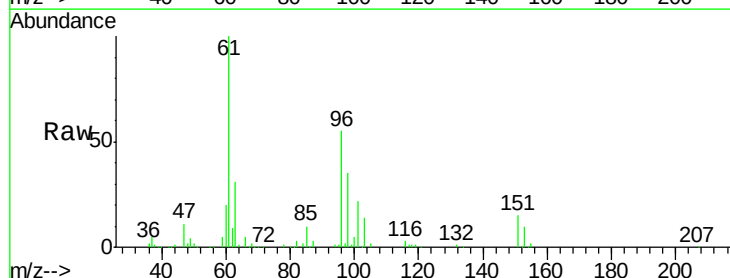
MMDadoda
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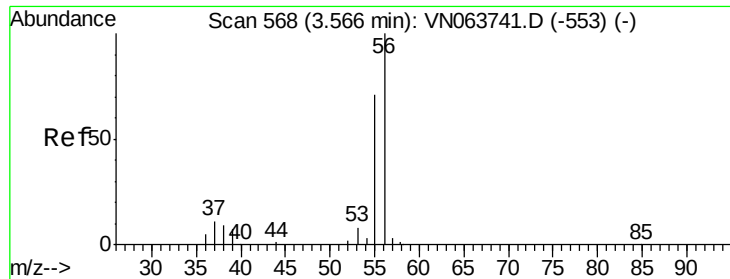


#12

1,1-Dichloroethene
Concen: 50.218 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 96 Resp: 112393
Ion Ratio Lower Upper
96 100
61 182.9 147.7 221.5
98 63.4 51.9 77.9





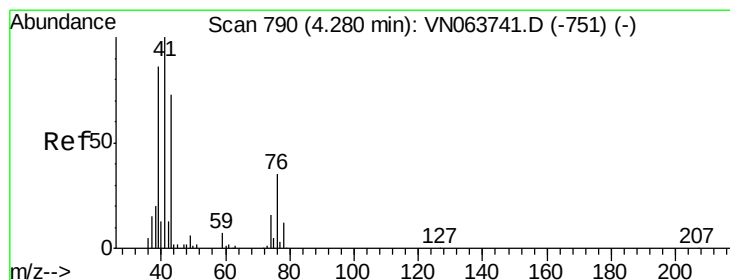
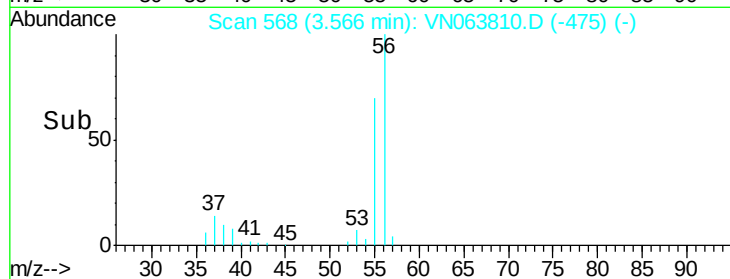
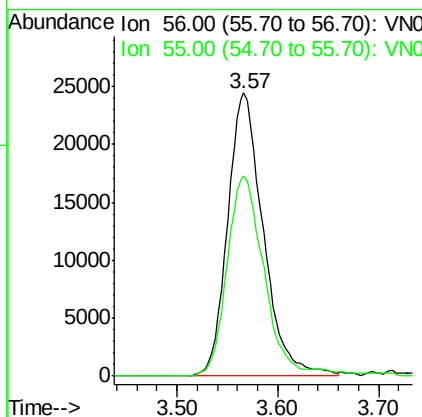
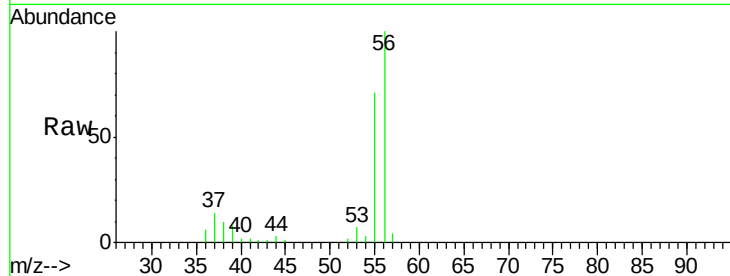
#13
Acrolein
Concen: 241.254 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	56	Resp	60024
Ion Ratio	100	Lower	Upper
56	100		
55	71.8	56.9	85.3

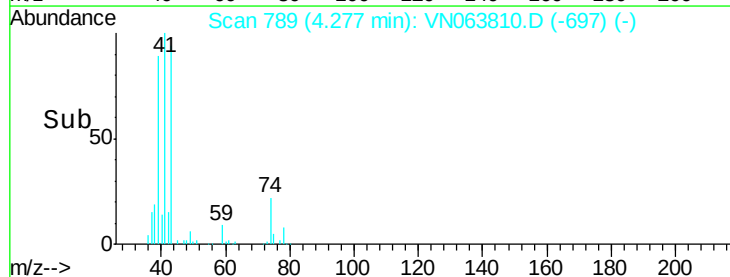
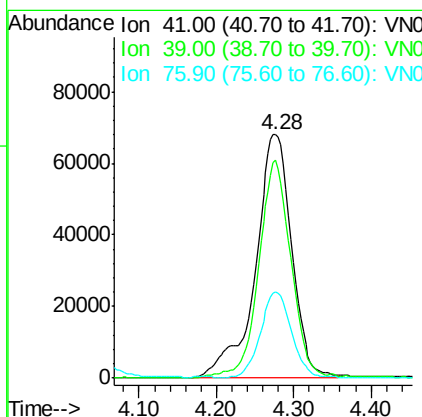
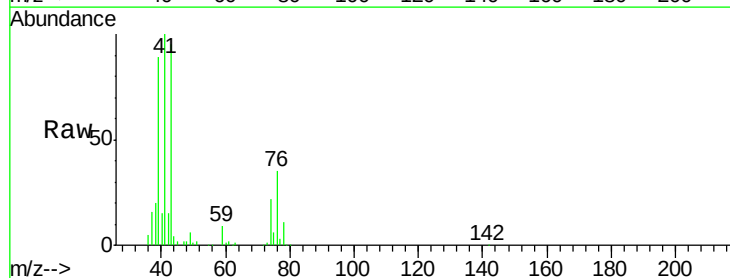
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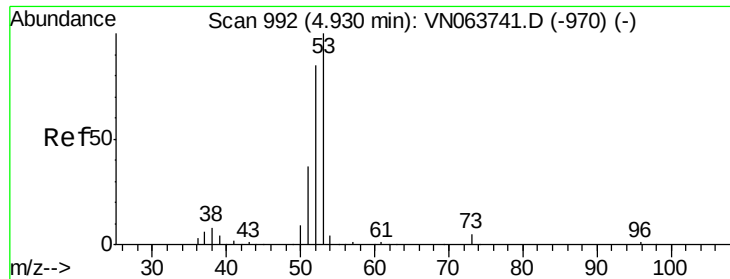
MMDadoda
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#14
Allyl chloride
Concen: 53.595 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	41	Resp	222842
Ion Ratio	100	Lower	Upper
41	100		
39	77.9	64.5	96.7
76	29.5	25.9	38.9





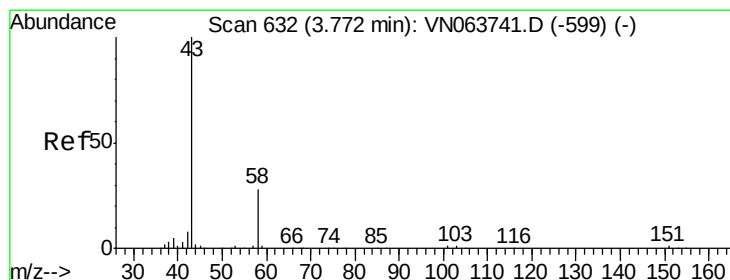
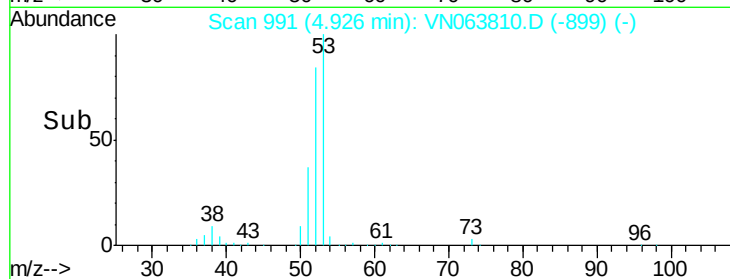
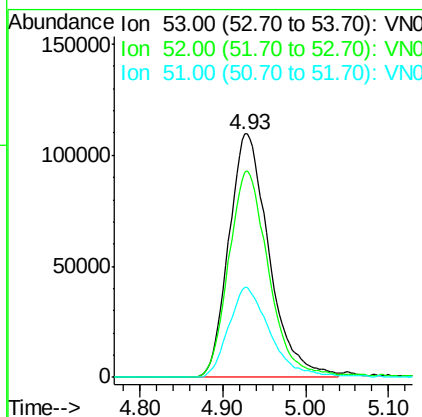
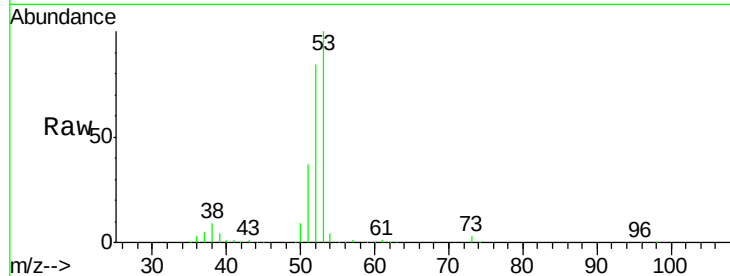
#15
 Acrylonitrile
 Concen: 318.404 ug/l
 RT: 4.93 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	369469
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.5	99.7
51	38.2	29.9	44.9

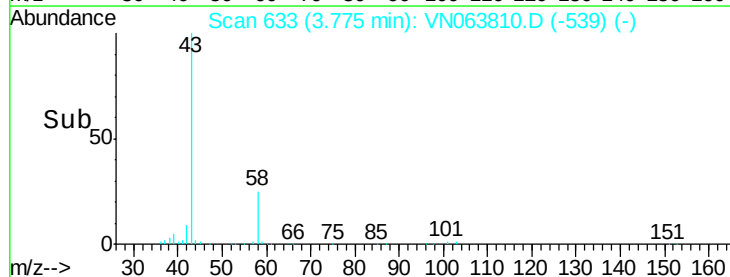
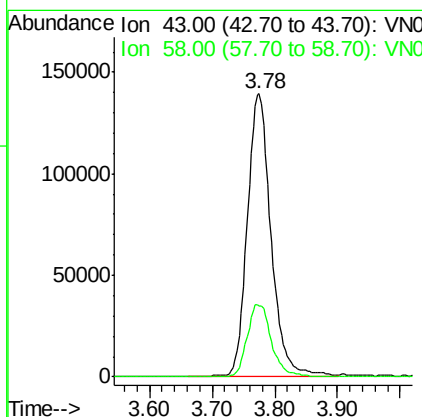
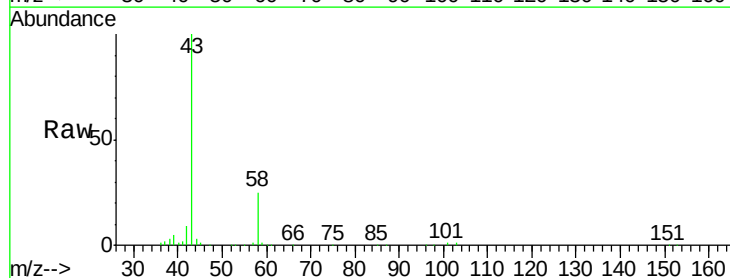
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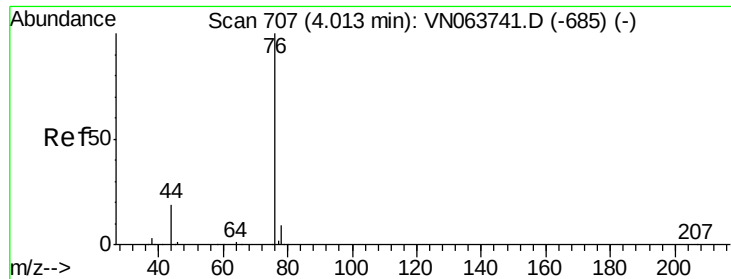
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#16
 Acetone
 Concen: 326.291 ug/l
 RT: 3.78 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion:	43	Resp:	368809
Ion	Ratio	Lower	Upper
43	100		
58	25.2	22.3	33.5





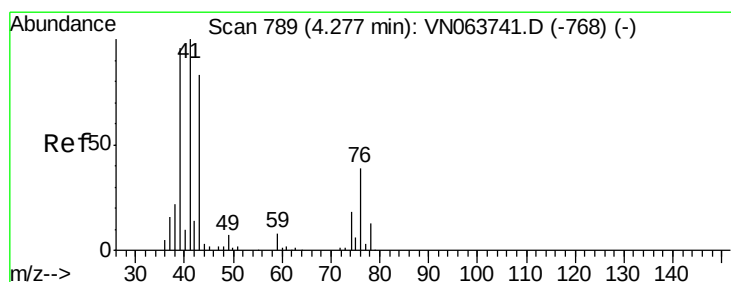
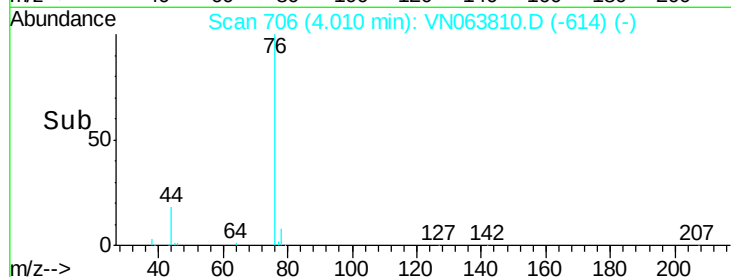
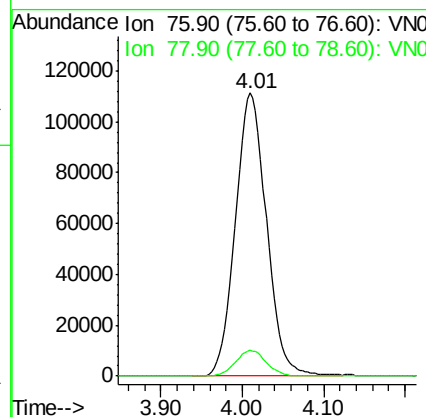
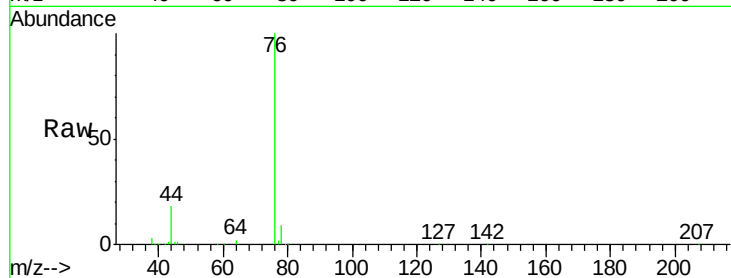
#17
Carbon Disulfide
Concen: 49.007 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.0	10.4

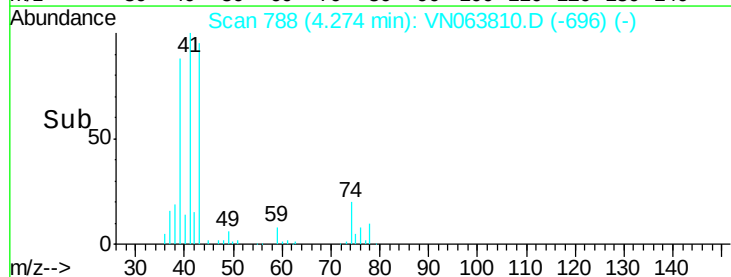
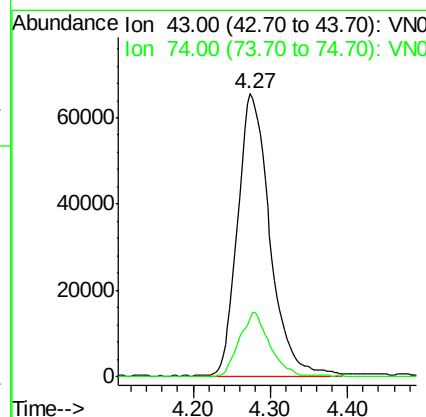
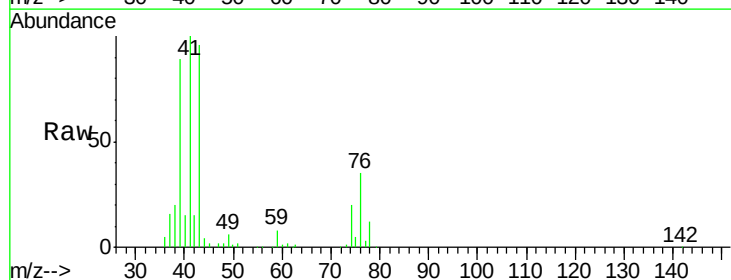
Manual Integrations
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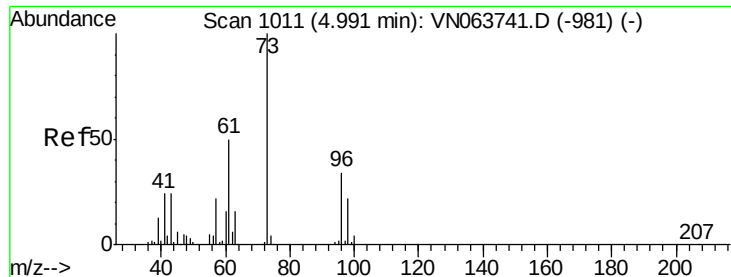
MMDadoda
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#18
Methyl Acetate
Concen: 64.096 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.9	17.4	26.2





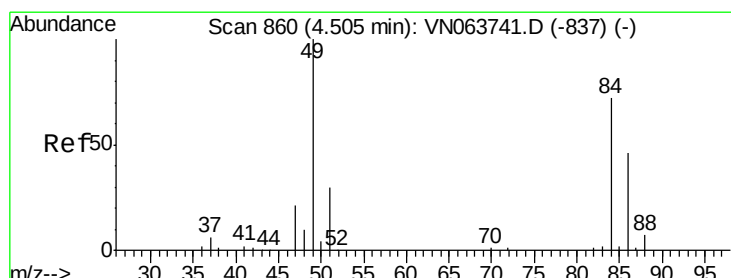
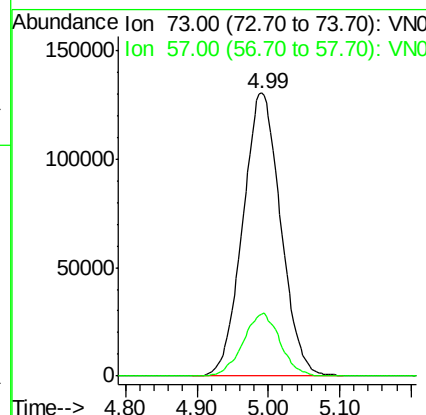
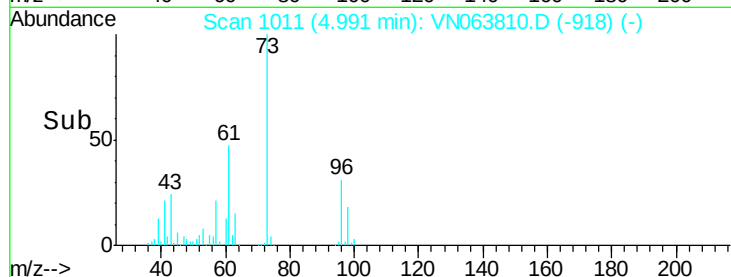
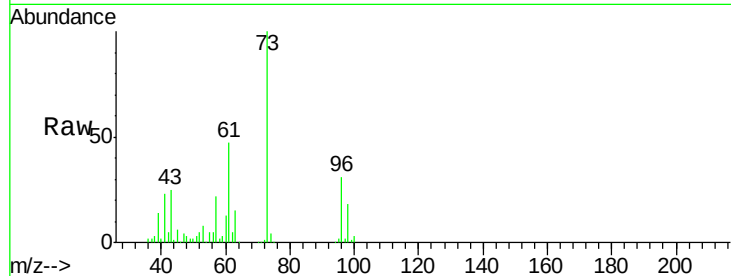
#19
Methyl tert-butyl Ether
Concen: 59.161 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 481050
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4

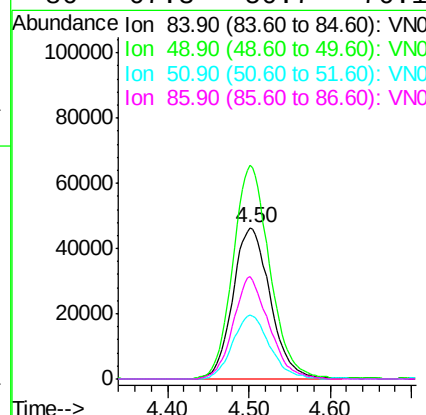
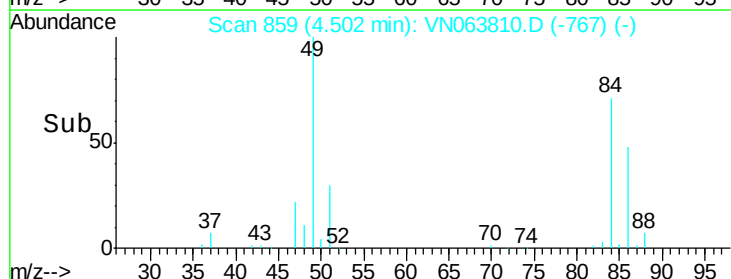
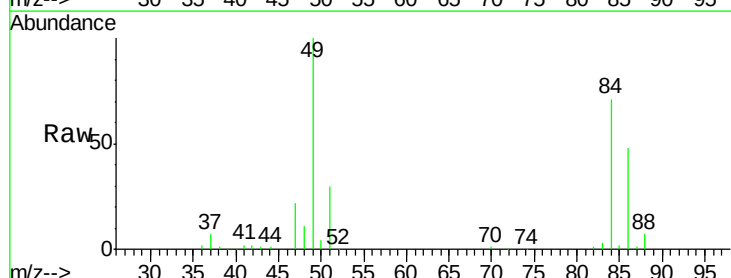
Manual Integrations
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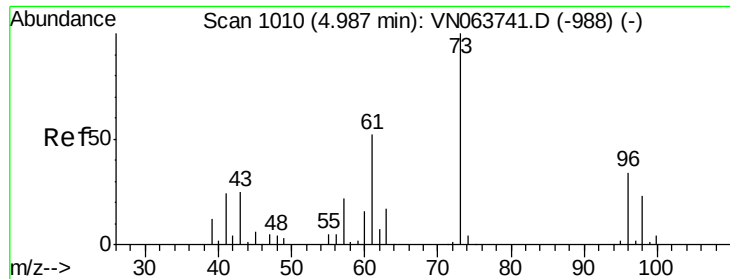
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#20
Methylene Chloride
Concen: 57.148 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 84 Resp: 147989
Ion Ratio Lower Upper
84 100
49 140.4 110.4 165.6
51 42.1 33.3 49.9
86 67.3 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 50.895 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 127586

Ion Ratio Lower Upper

96 100

61 150.0 120.2 180.2

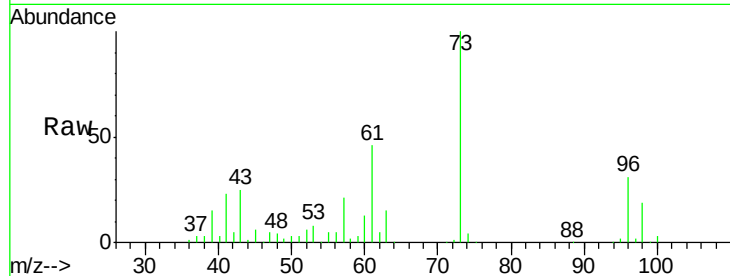
98 61.0 52.6 79.0

Manual Integrations

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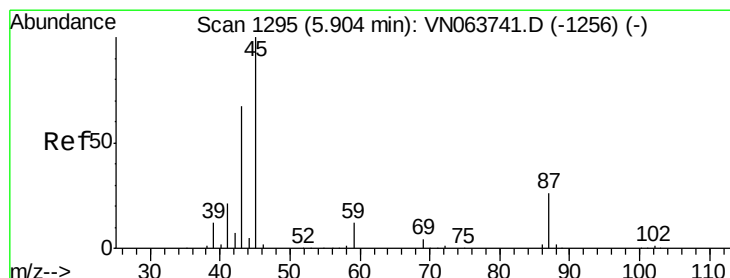
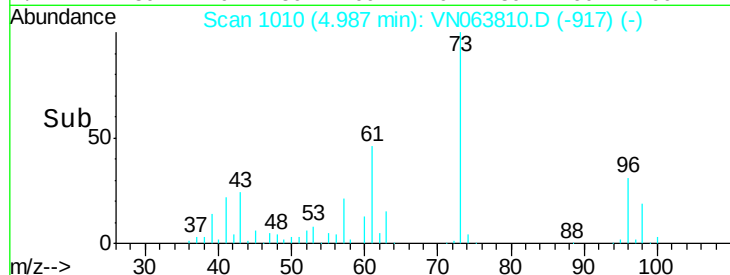
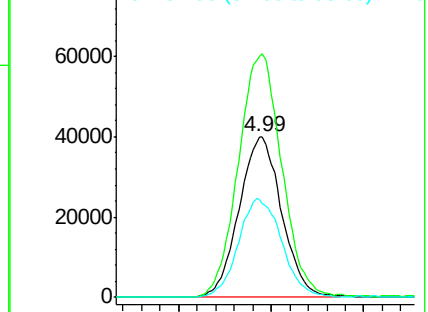


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 60.019 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Tgt Ion: 45 Resp: 513437

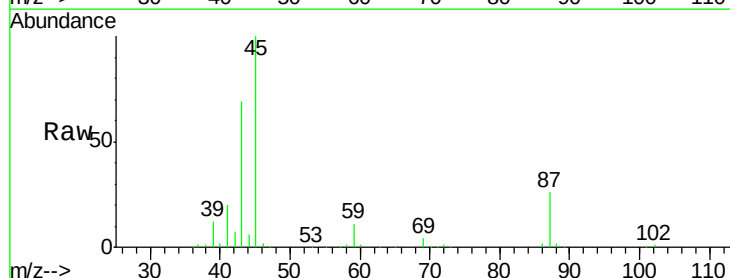
Ion Ratio Lower Upper

45 100

43 68.1 53.7 80.5

87 26.0 21.1 31.7

59 10.5 9.2 13.8



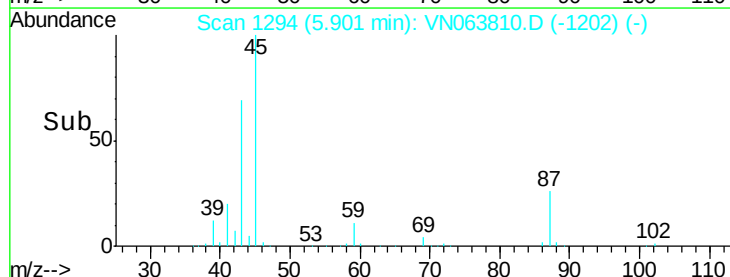
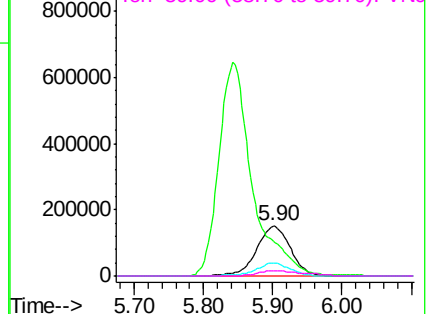
Abundance

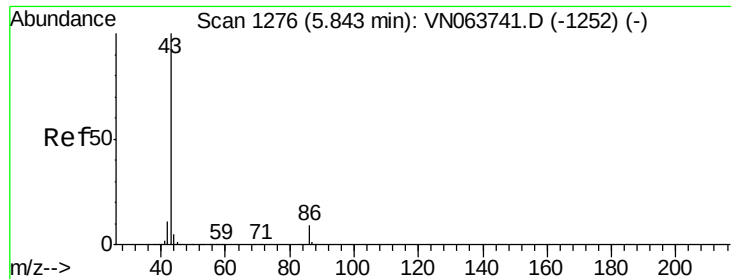
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 307.164 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2176660

Ion Ratio Lower Upper

43 100

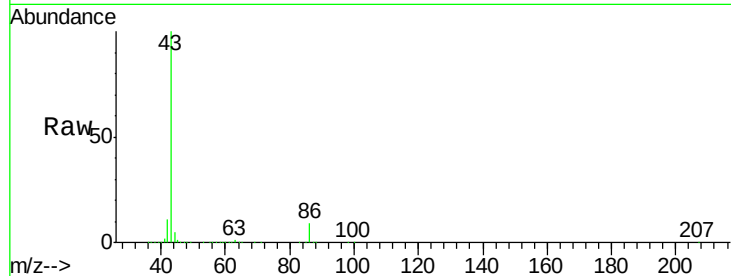
86 8.9 7.3 10.9

Manual Integrations

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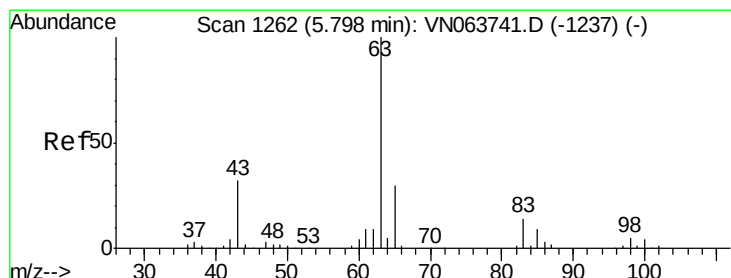
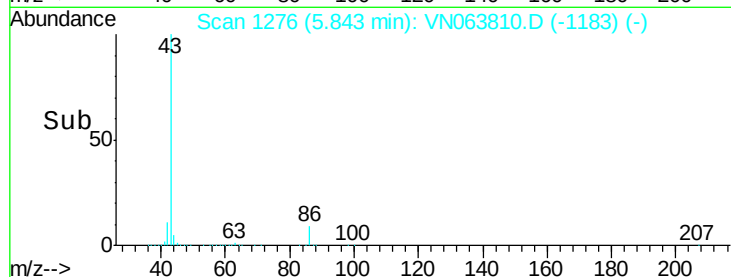
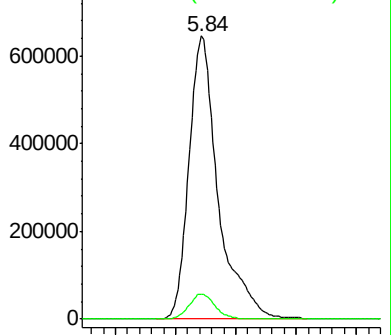
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 55.209 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

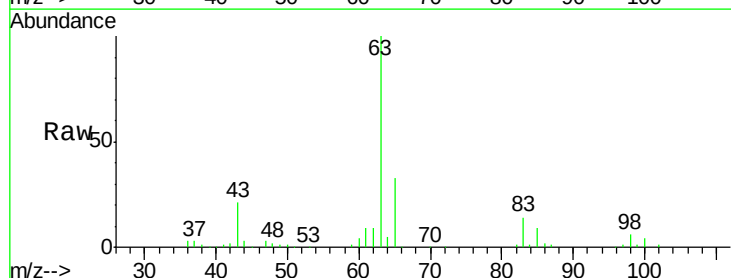
Tgt Ion: 63 Resp: 270044

Ion Ratio Lower Upper

63 100

98 5.8 2.7 8.1

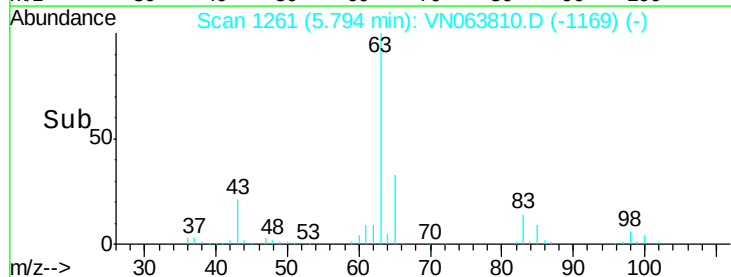
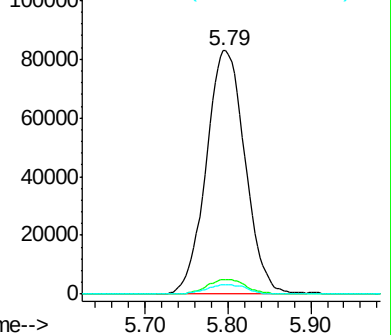
100 3.7 1.9 5.7

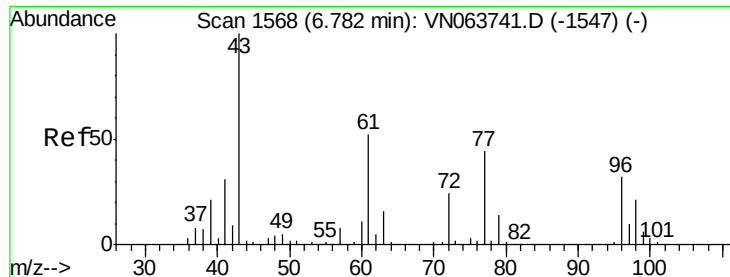


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 336.229 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 538805

Ion Ratio Lower Upper

43 100

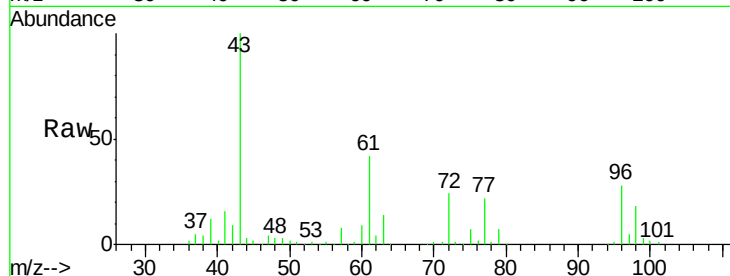
72 24.4 19.3 28.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN063810.D (-1475) (-)

Ion 72.00 (71.70 to 72.70): VN063810.D (-1475) (-)

6.78

200000

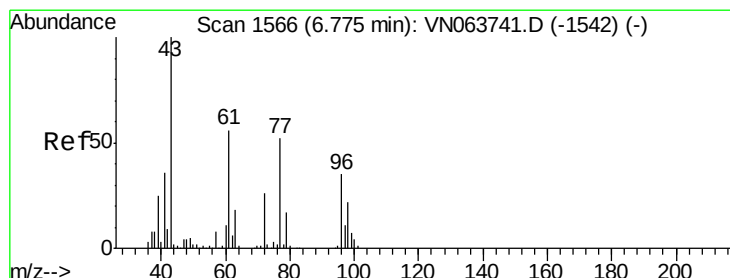
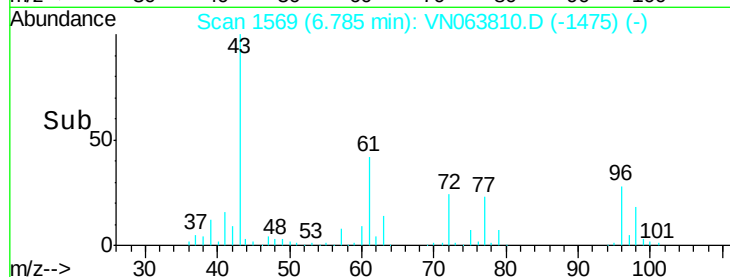
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 32.992 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN063810.D

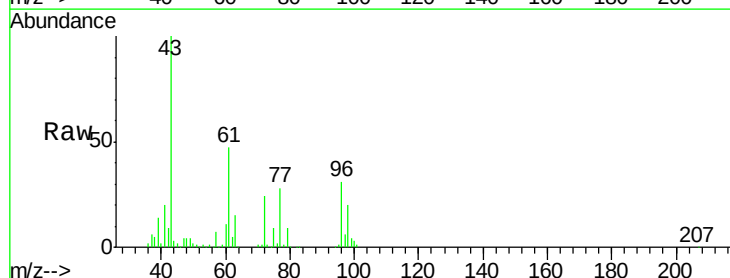
Acq: 2 Oct 2020 7:44

Tgt Ion: 77 Resp: 147782

Ion Ratio Lower Upper

77 100

97 22.9 10.8 32.3



Abundance Ion 76.90 (76.60 to 77.60): VN063810.D (-1473) (-)

Ion 96.90 (96.60 to 97.60): VN063810.D (-1473) (-)

6.78

50000

40000

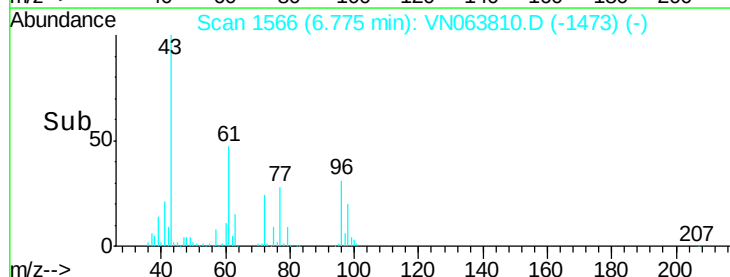
30000

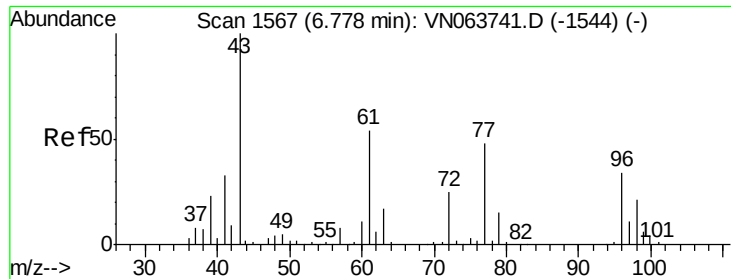
20000

10000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 53.651 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

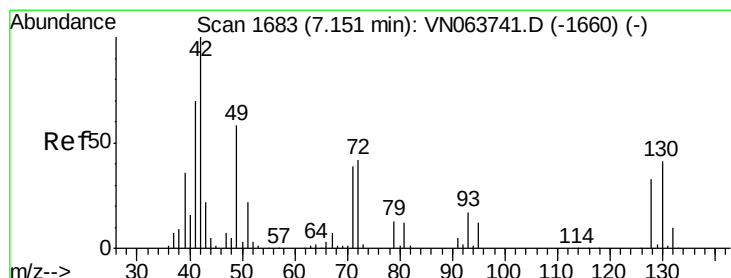
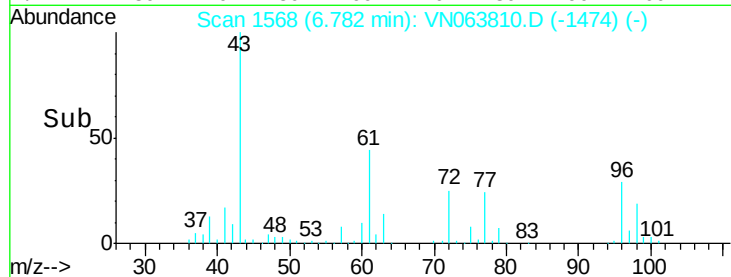
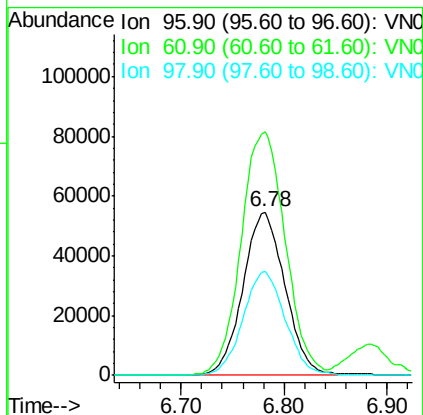
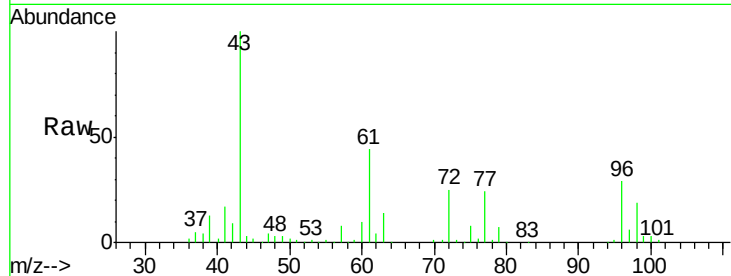
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	154681
Ion Ratio	Lower	Upper	
96	100		
61	157.0	0.0	321.2
98	64.4	0.0	124.4

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#28

Bromochloromethane

Concen: 56.980 ug/l

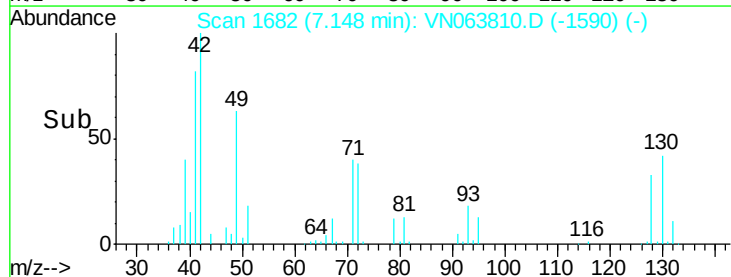
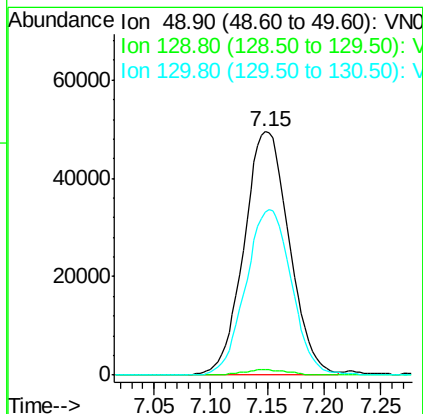
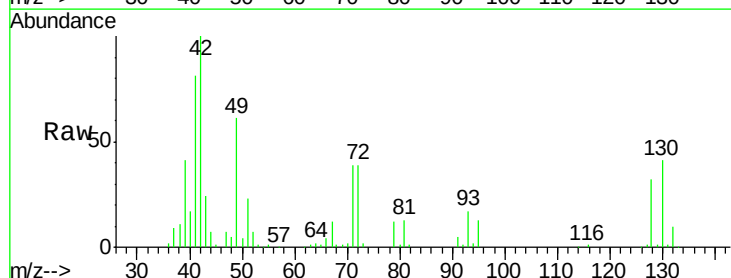
RT: 7.15 min Scan# 1682

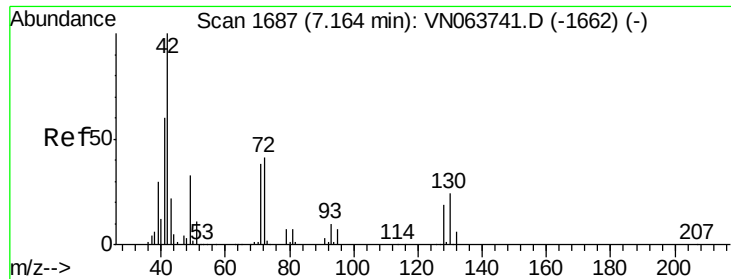
Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Tgt Ion:	49	Resp:	137751
Ion Ratio	Lower	Upper	
49	100		
129	2.2	0.0	4.8
130	68.4	55.6	83.4





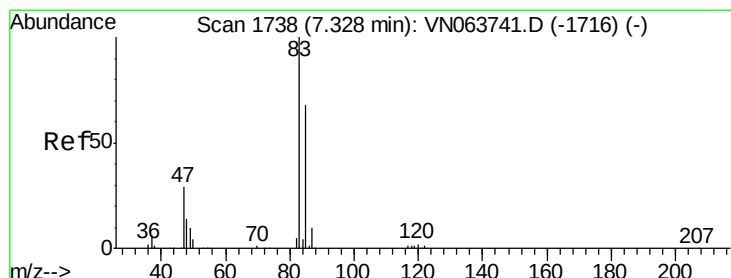
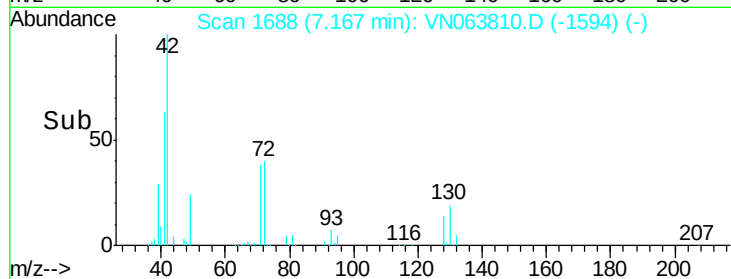
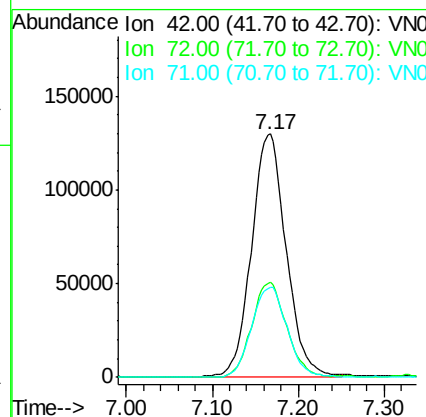
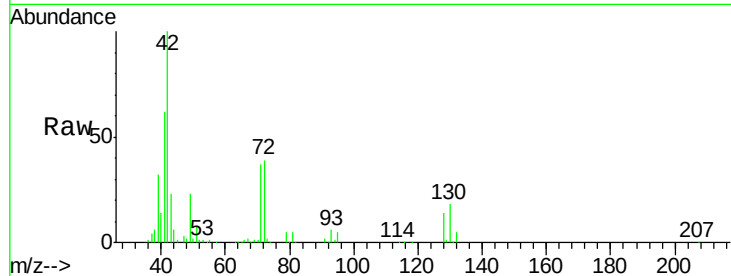
#29
Tetrahydrofuran
Concen: 337.984 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	32.8	49.2
71	38.3	30.6	45.8

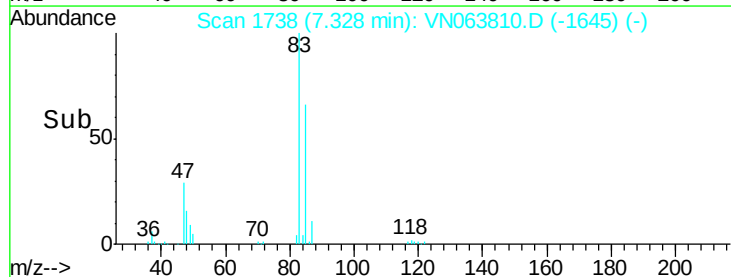
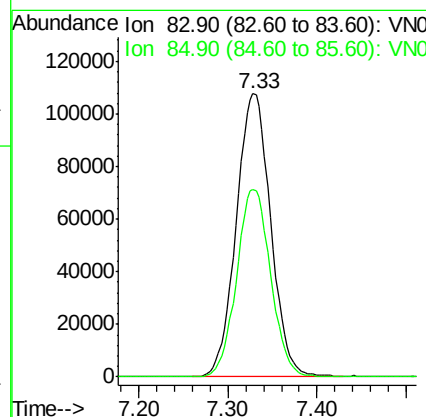
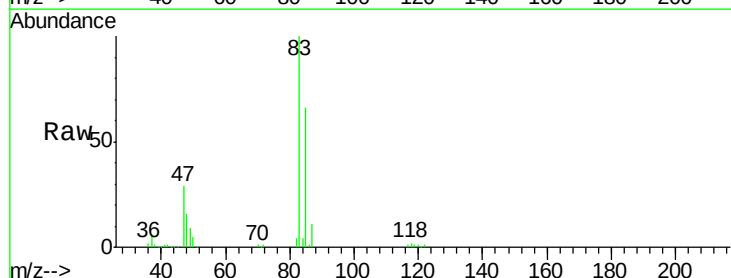
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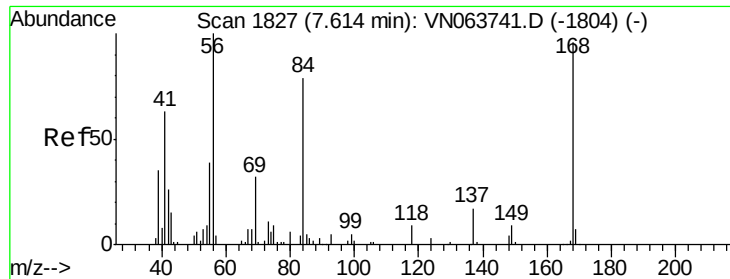
MMDadoda
10/2/2020 3:12:27 PM



#30
Chloroform
Concen: 56.512 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	54.6	82.0





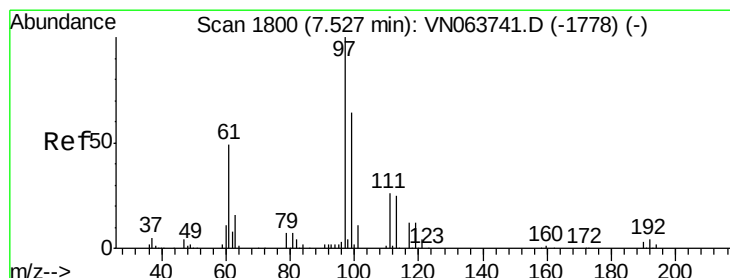
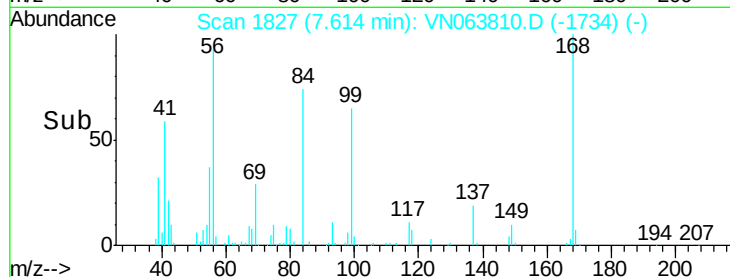
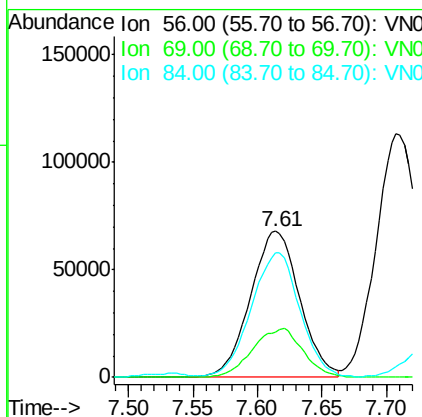
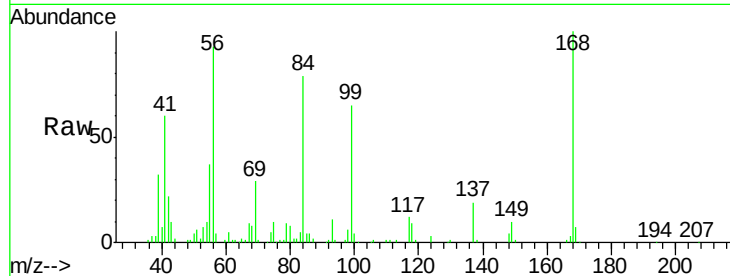
#31
Cyclohexane
Concen: 42.465 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.4	38.2
84	83.6	63.3	94.9

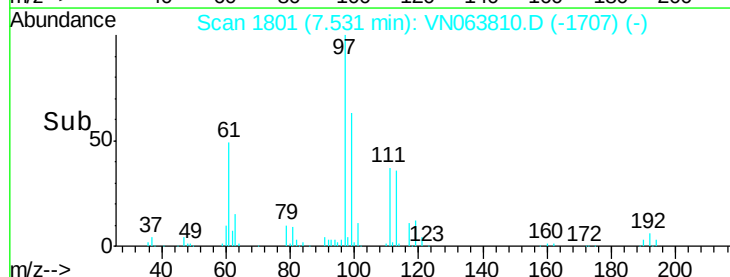
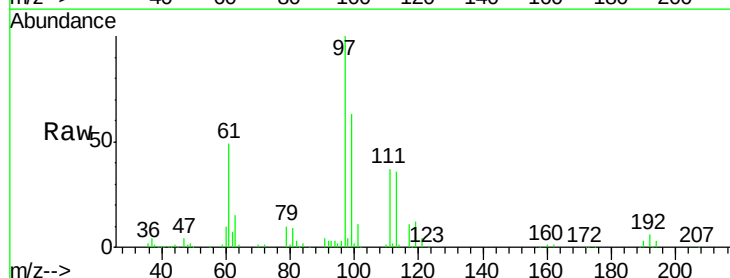
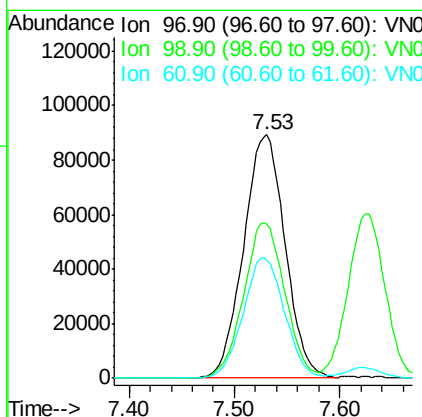
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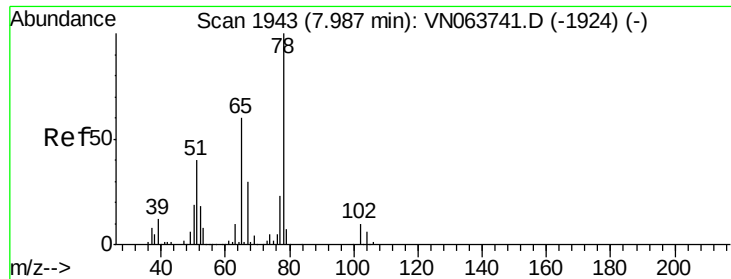
MMDadoda
10/2/2020 3:12:27 PM



#32
1,1,1-Trichloroethane
Concen: 53.206 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.0	76.6
61	49.3	38.7	58.1





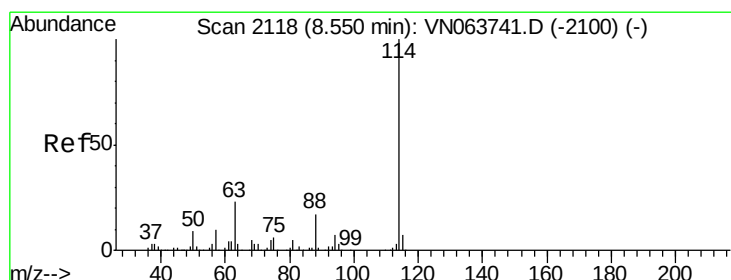
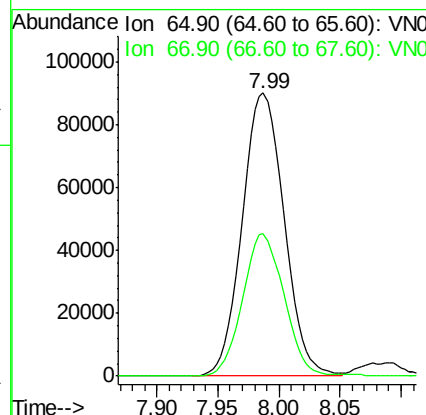
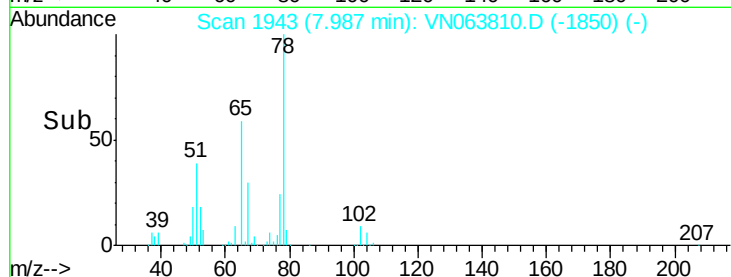
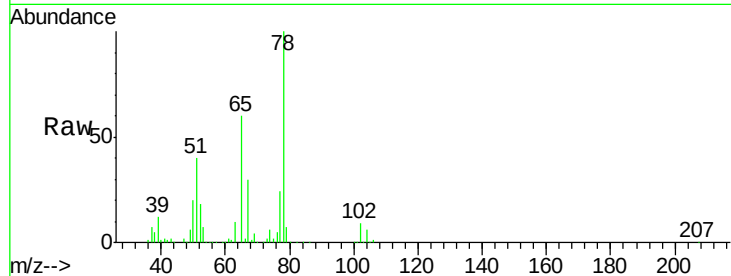
#33
 1,2-Dichloroethane-d4
 Concen: 58.430 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	214544		
67	49.4	0.0	99.6	

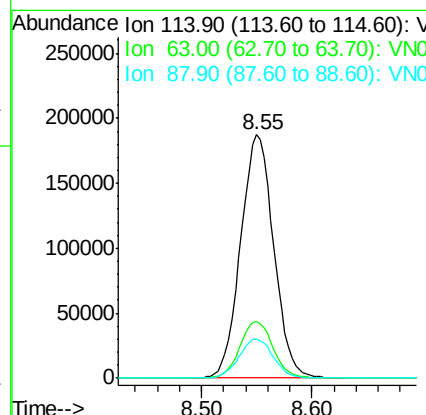
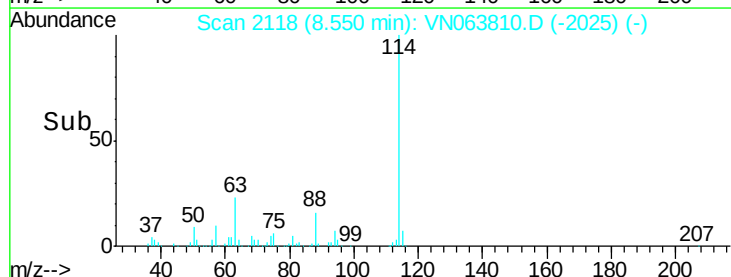
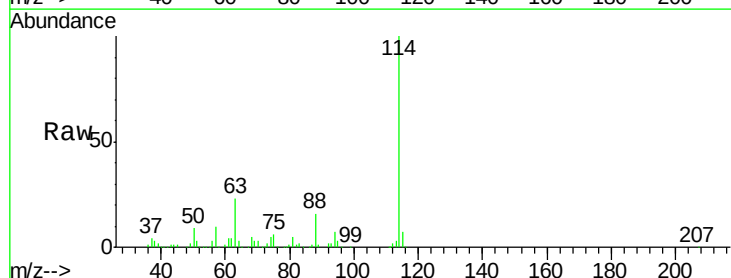
Manual Integrations
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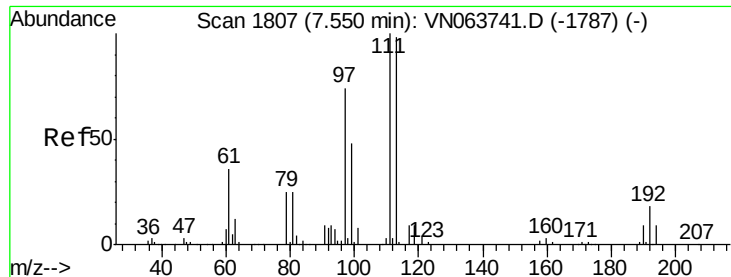
MMDadoda
 10/2/2020 3:12:27 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	389552		
63	23.1	0.0	45.0	
88	16.1	0.0	34.0	





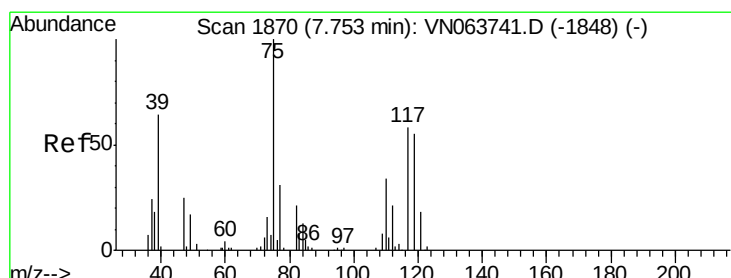
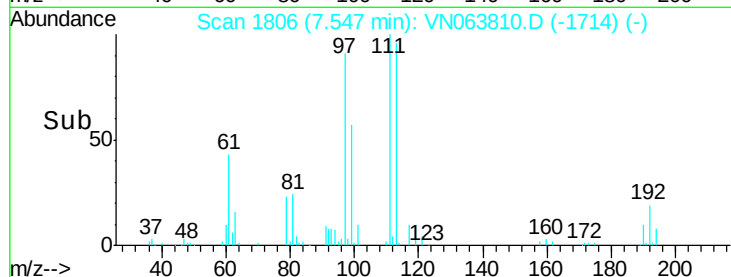
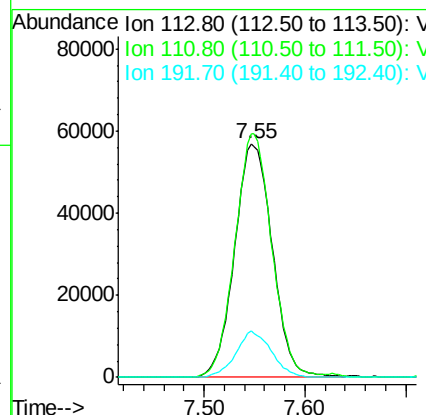
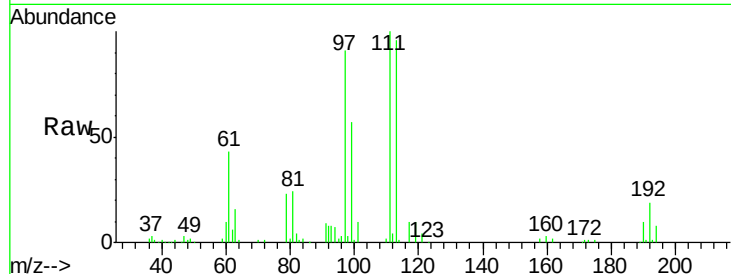
#35
Dibromofluoromethane
Concen: 54.722 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	147915		
111	101.6	81.8	122.8	
192	18.7	14.2	21.2	

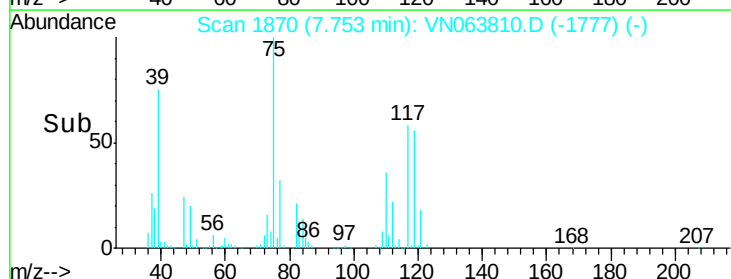
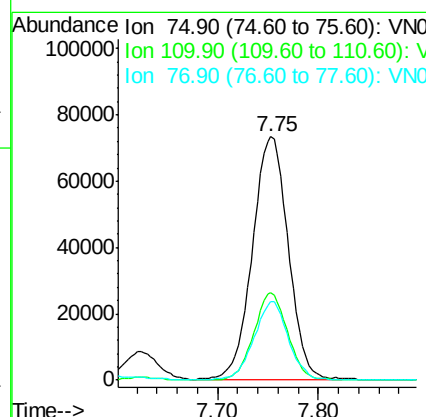
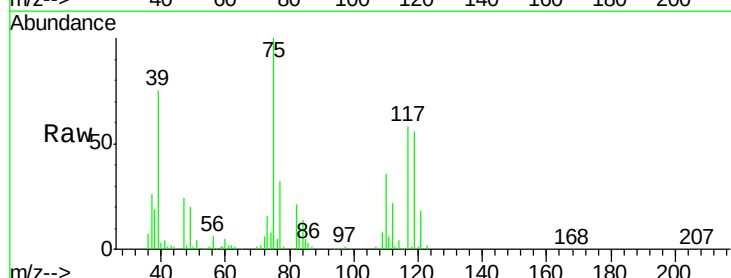
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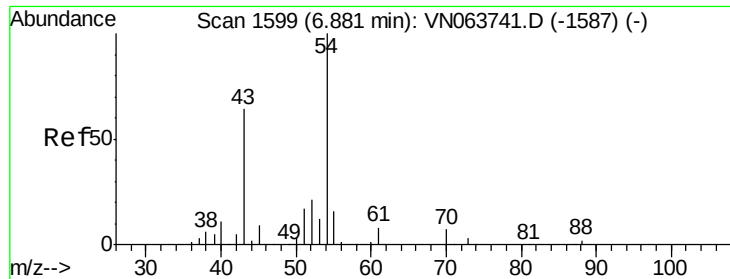
MMDadoda
10/2/2020 3:12:27 PM



#36
1,1-Dichloropropene
Concen: 45.514 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	179622		
110	34.2	16.9	50.6	
77	31.3	24.5	36.7	





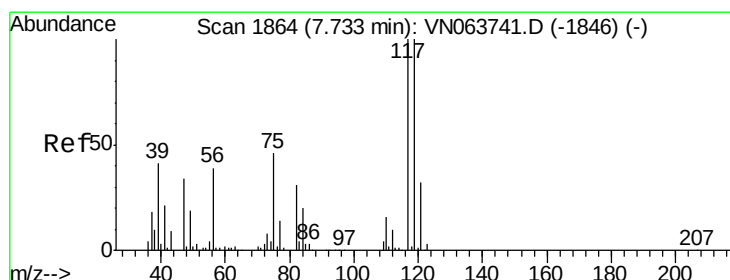
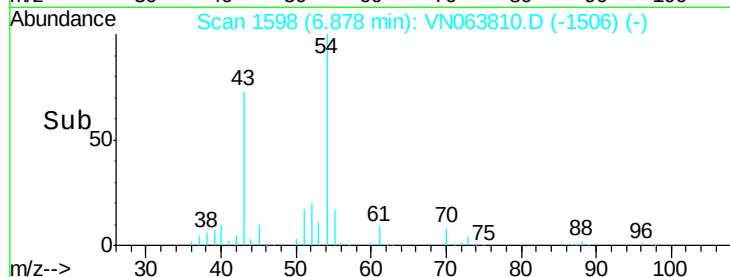
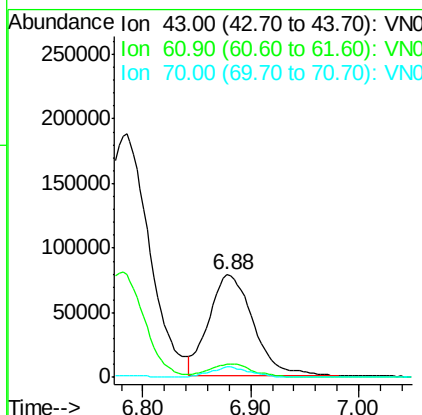
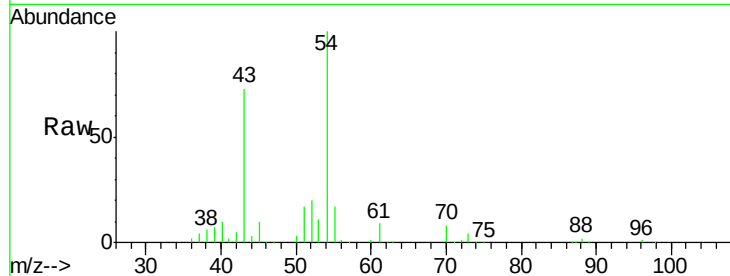
#37
Ethyl Acetate
Concen: 57.481 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.4	15.6
70	9.4	7.3	10.9

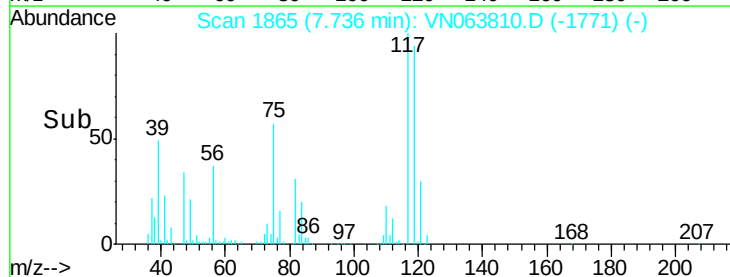
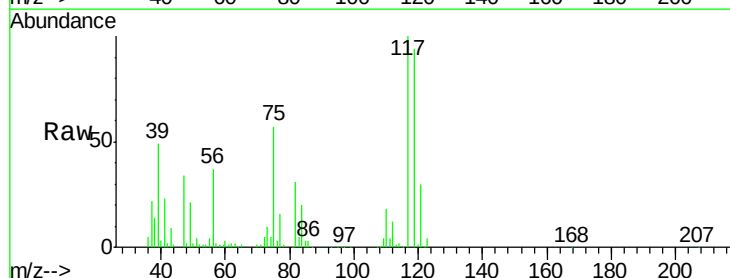
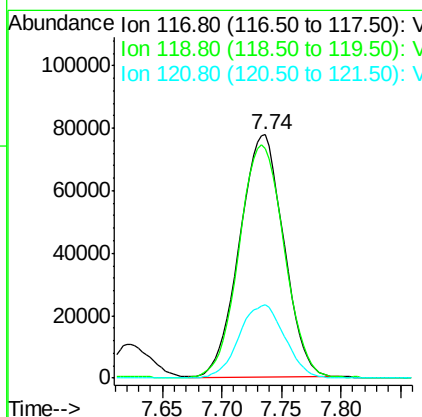
Manual Integrations
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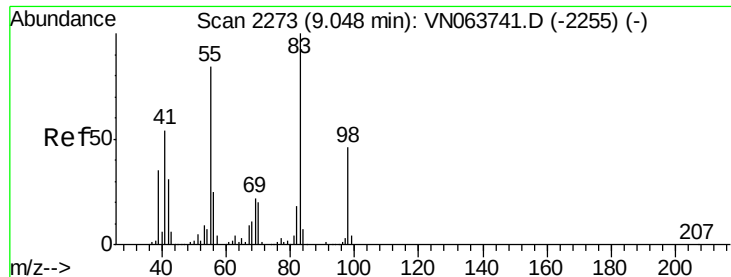
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#38
Carbon Tetrachloride
Concen: 45.129 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	80.1	120.1
121	30.2	25.7	38.5





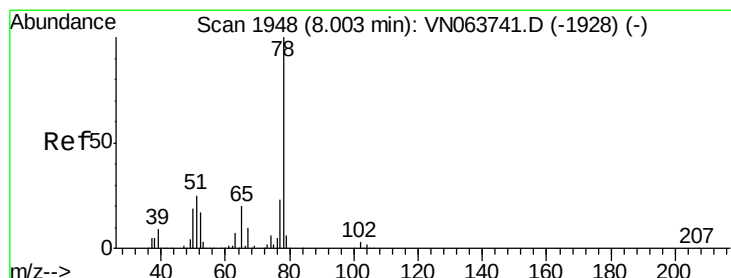
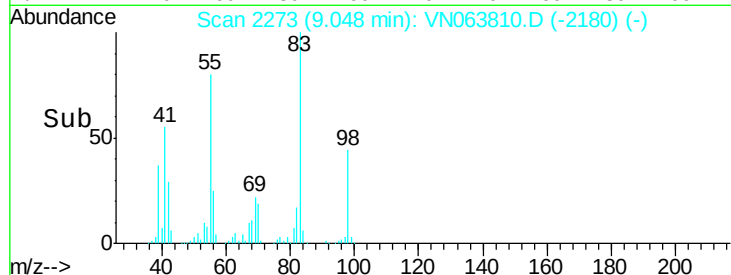
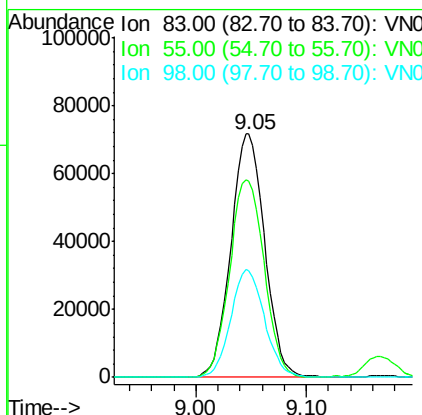
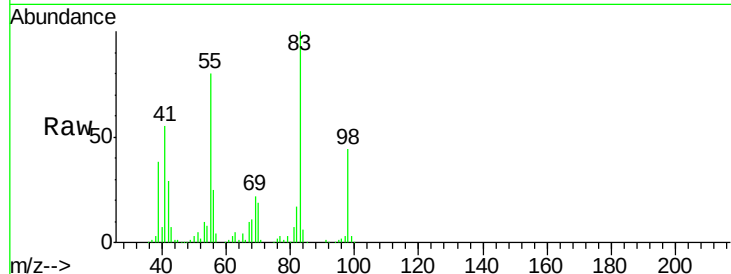
#39
Methylvlcyclohexane
Concen: 38.745 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	152484
Ion Ratio	Lower	Upper	
83	100		
55	80.5	67.1	100.7
98	43.8	36.6	54.8

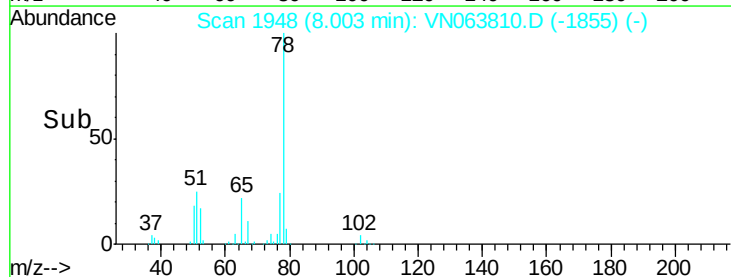
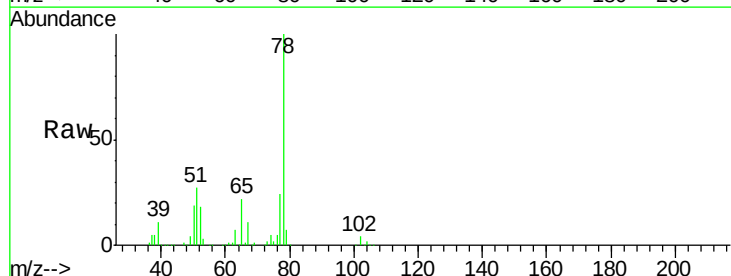
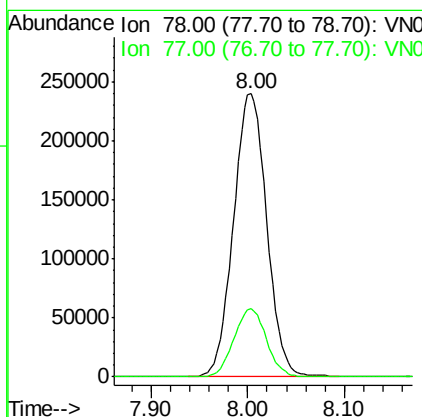
Manual Integrations
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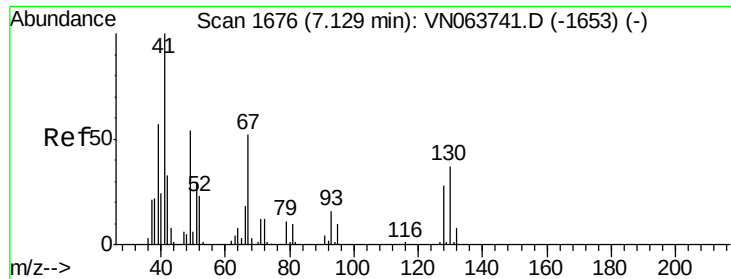
MMDadoda
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#40
Benzene
Concen: 50.801 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	78	Resp	572641
Ion Ratio	Lower	Upper	
78	100		
77	24.1	18.7	28.1





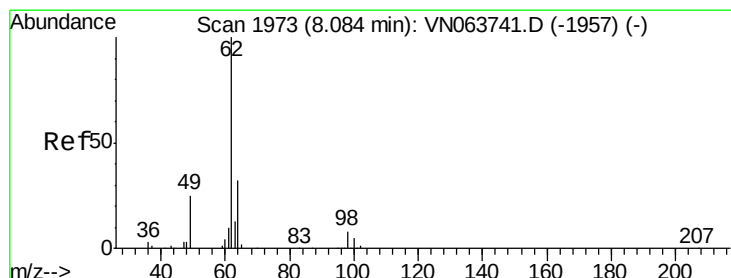
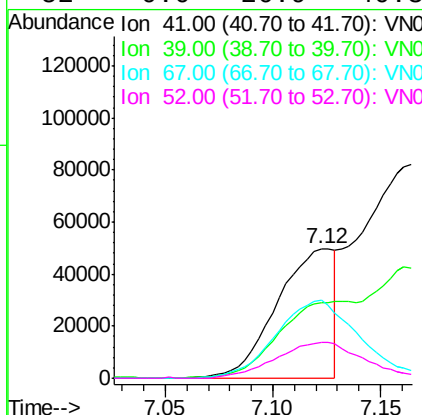
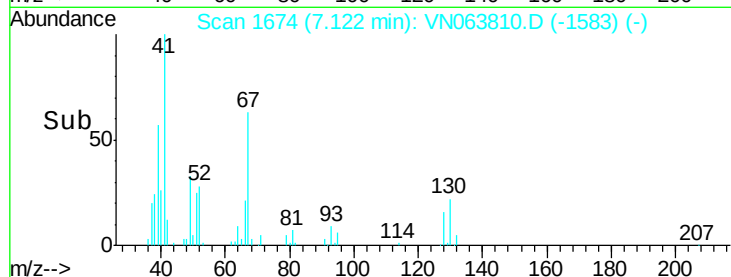
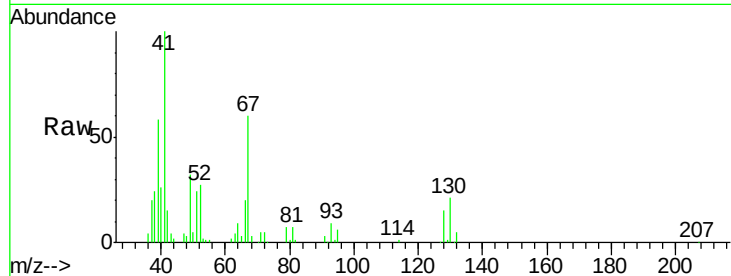
#41
Methacrylonitrile
Concen: 53.436 ug/l m
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	93119
Ion Ratio	Lower	Upper	
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#

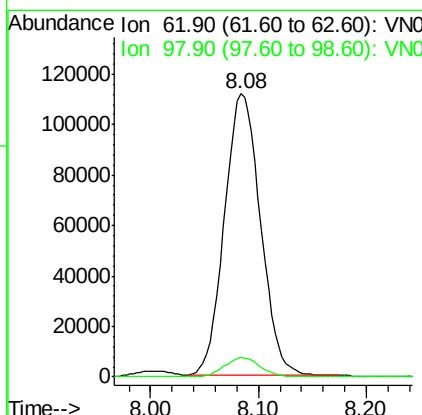
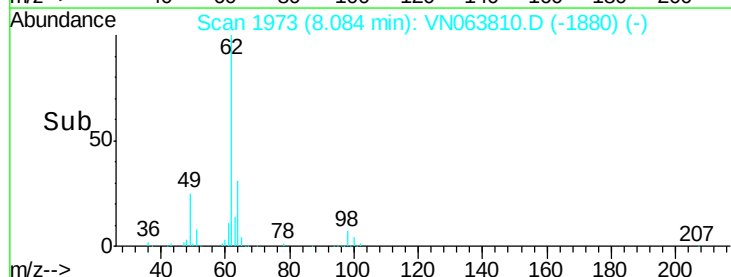
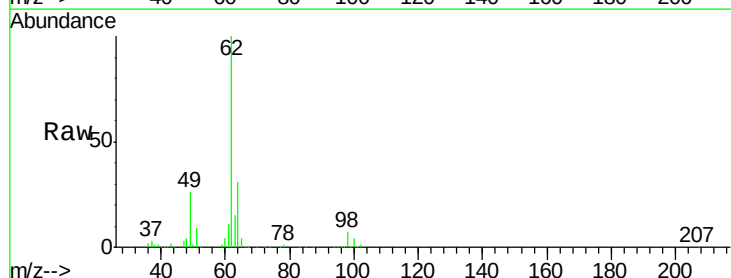
Manual Integrations
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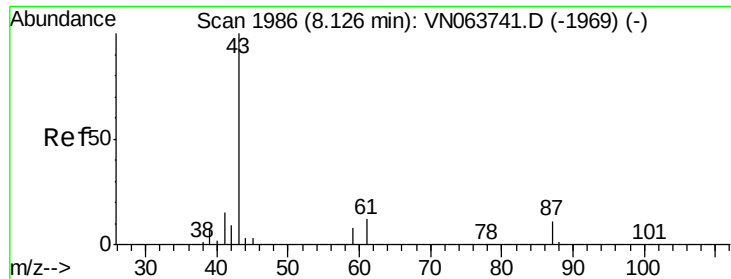
MMDadoda
10/2/2020 3:12:27 PM



#42
1,2-Dichloroethane
Concen: 54.163 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	62	Resp	260618
Ion Ratio	Lower	Upper	
62	100		
98	6.8	0.0	15.0





#43

Isopropyl Acetate

Concen: 59.393 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

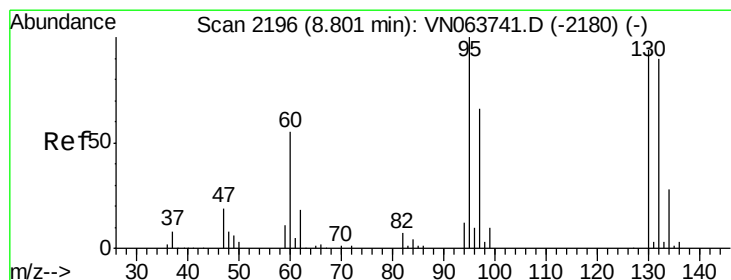
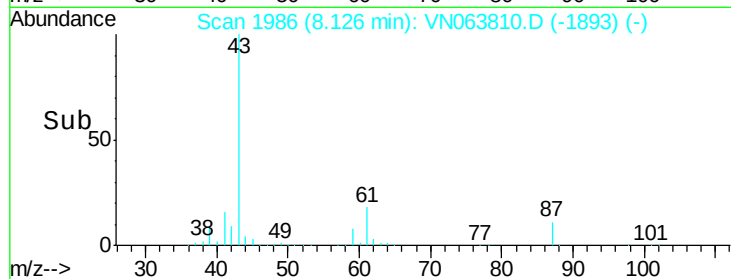
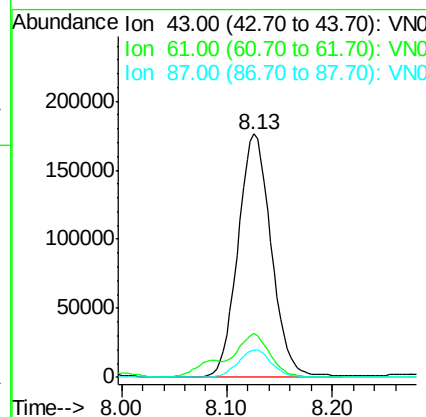
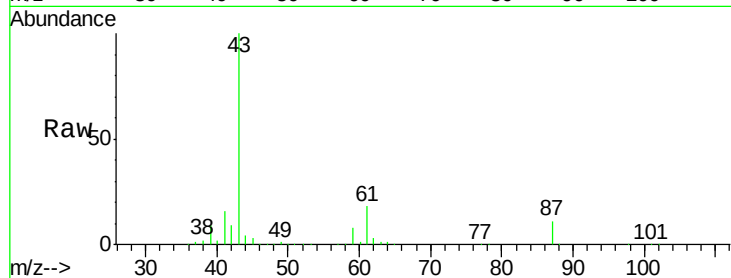
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	384122
Ion	Ratio	Lower	Upper
43	100		
61	17.5	14.2	21.4
87	11.3	9.0	13.6

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#44

Trichloroethene

Concen: 46.387 ug/l

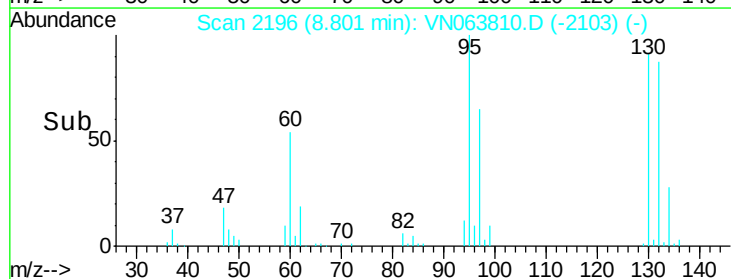
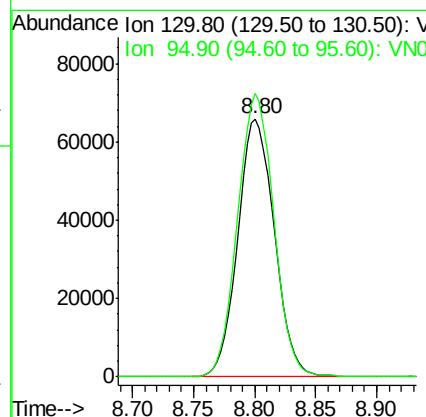
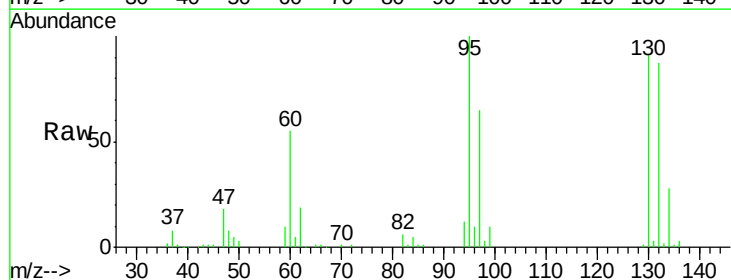
RT: 8.80 min Scan# 2196

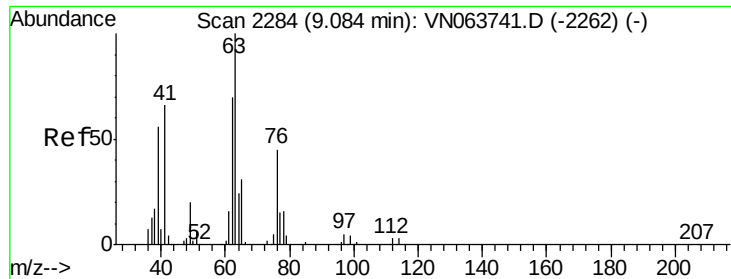
Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Tgt Ion:	130	Resp:	137005
Ion	Ratio	Lower	Upper
130	100		
95	109.8	0.0	213.6





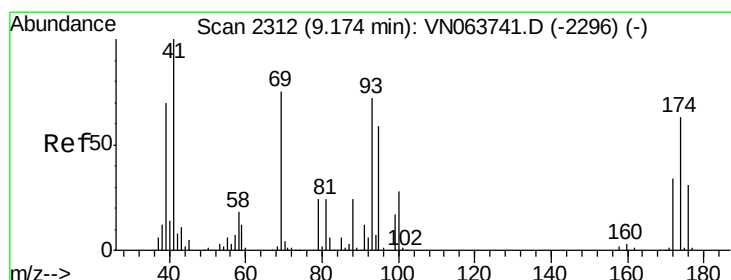
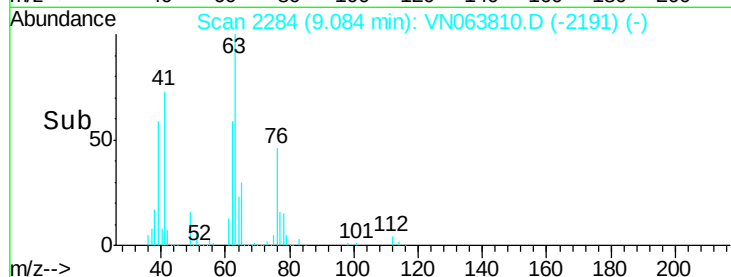
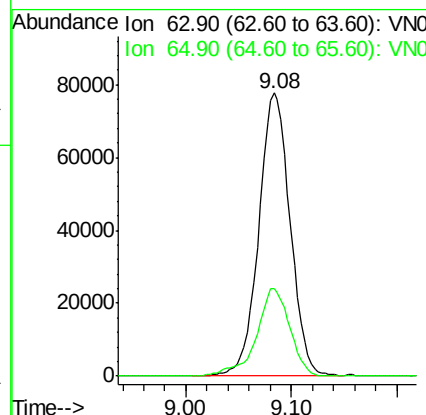
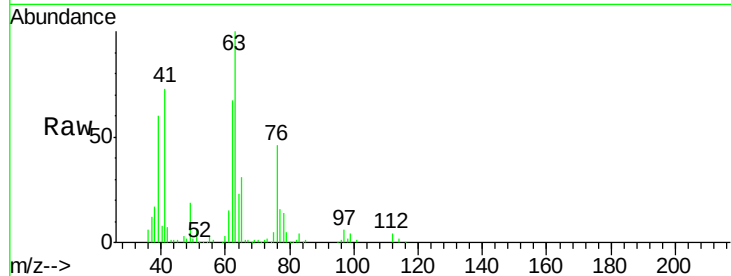
#45
 1,2-Dichloropropane
 Concen: 52.883 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 160991
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1

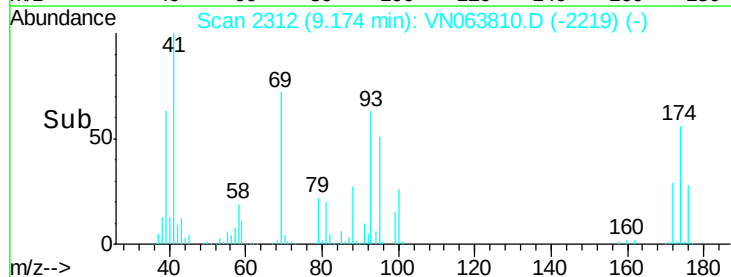
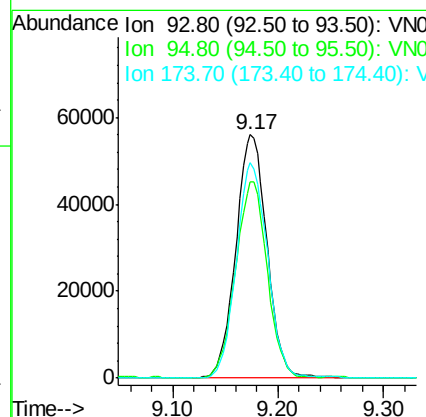
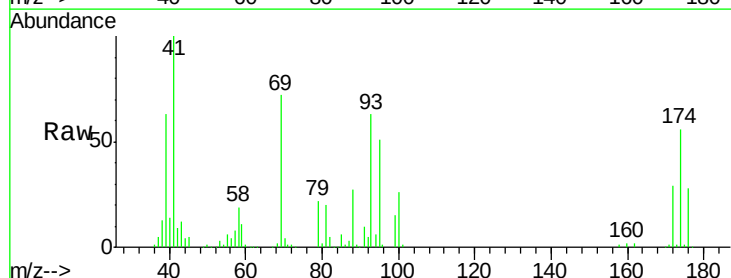
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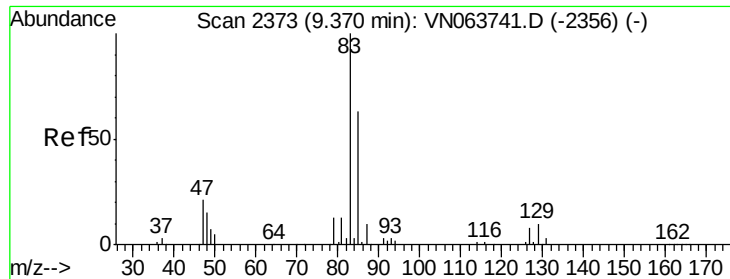
MMDadoda
 10/2/2020 3:12:27 PM



#46
 Dibromomethane
 Concen: 54.626 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion: 93 Resp: 114721
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.3 99.5
 174 88.4 72.7 109.1





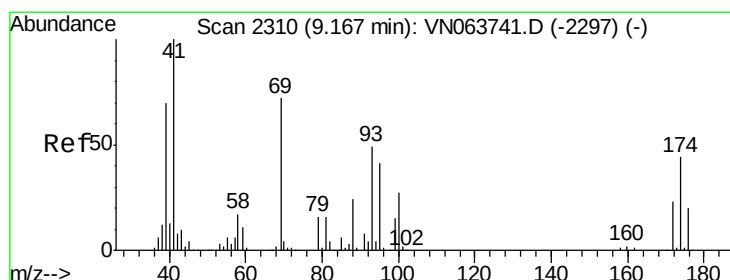
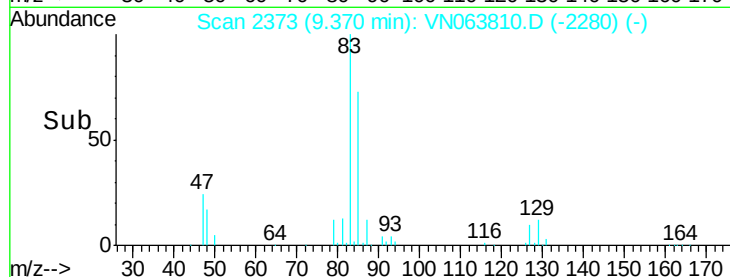
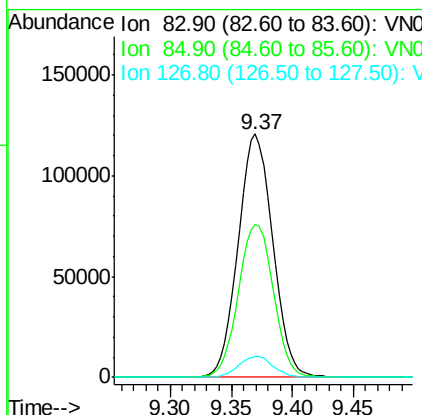
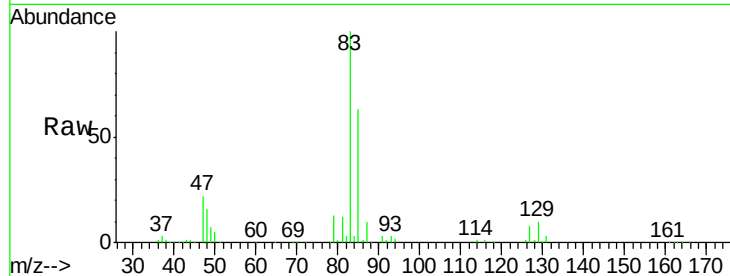
#47
Bromodichloromethane
Concen: 54.856 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	237429
Ion Ratio	100	Lower	Upper
83	100		
85	62.9	50.6	75.8
127	8.5	6.6	9.8

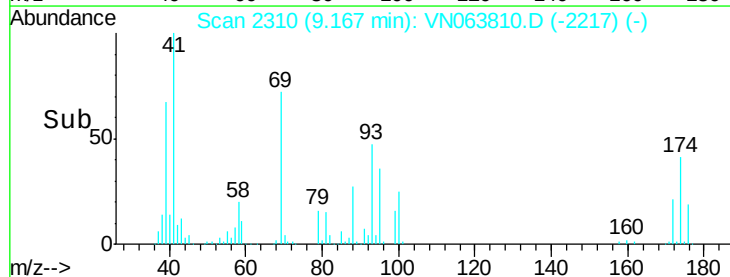
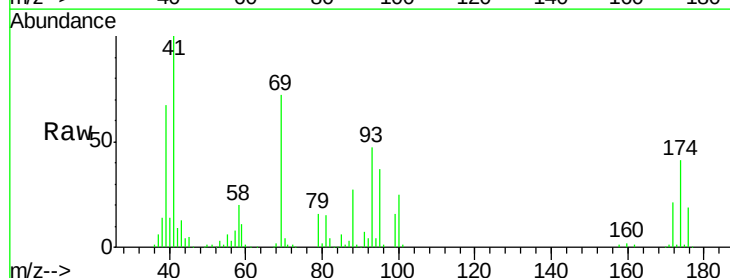
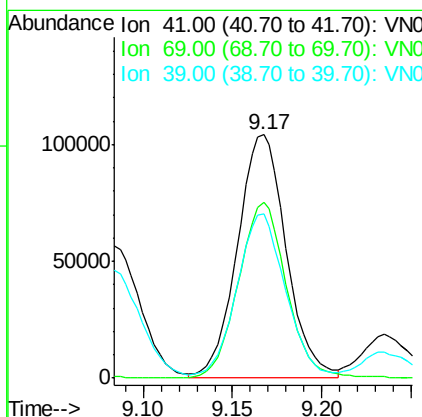
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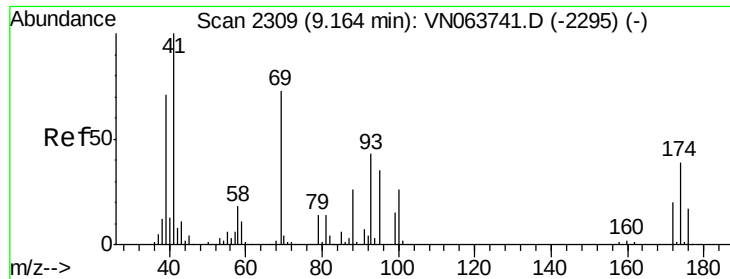
MMDadoda
10/2/2020 3:12:27 PM



#48
Methyl methacrylate
Concen: 62.117 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	41	Resp	198482
Ion Ratio	100	Lower	Upper
41	100		
69	71.5	60.9	91.3
39	67.2	57.5	86.3





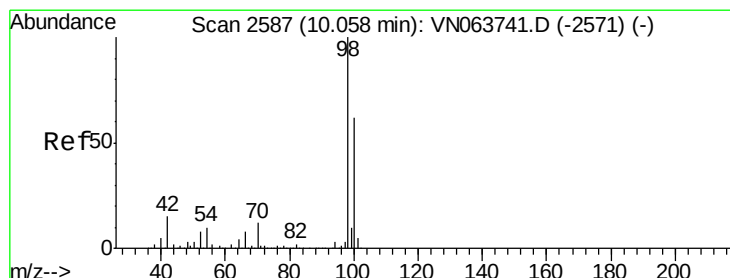
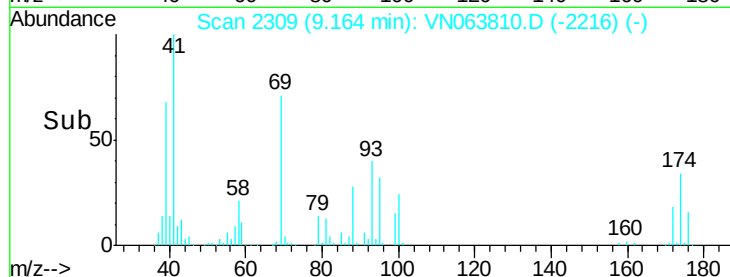
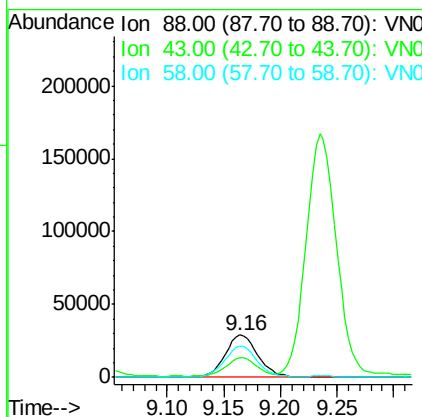
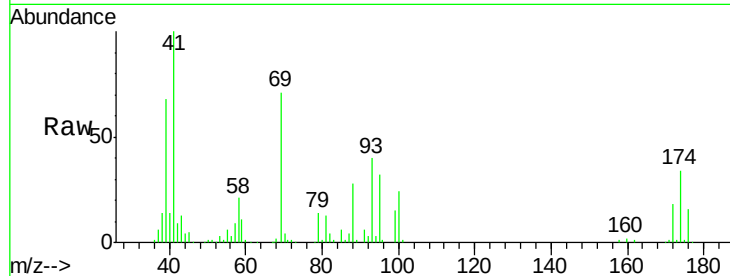
#49
1,4-Dioxane
Concen: 1303.849 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.5	33.1	49.7
58	73.2	58.9	88.3

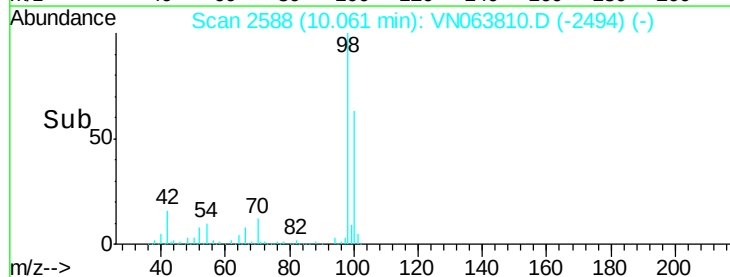
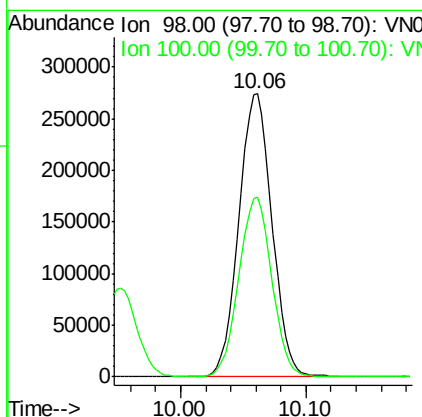
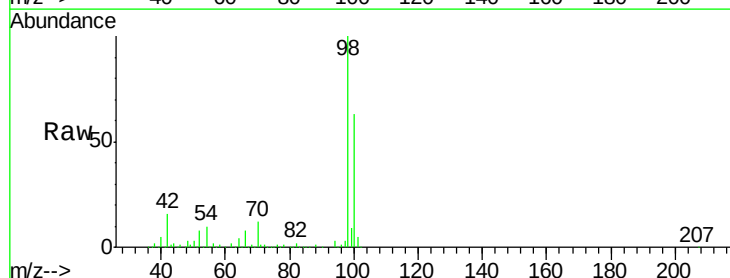
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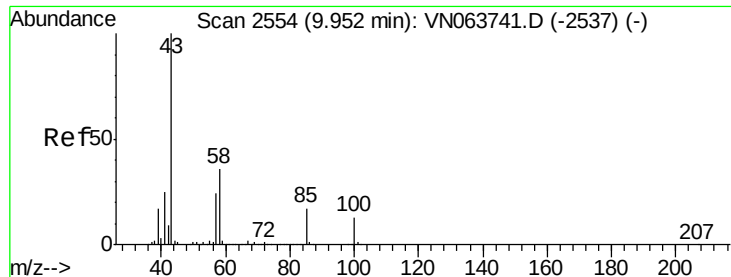
MMDadoda
10/2/2020 3:12:27 PM



#50
Toluene-d8
Concen: 49.190 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	49.8	74.6





#51

4-Methyl-2-Pentanone

Concen: 319.746 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1213559

Ion Ratio Lower Upper

43 100

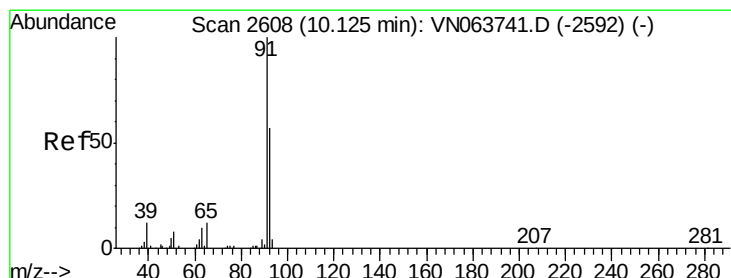
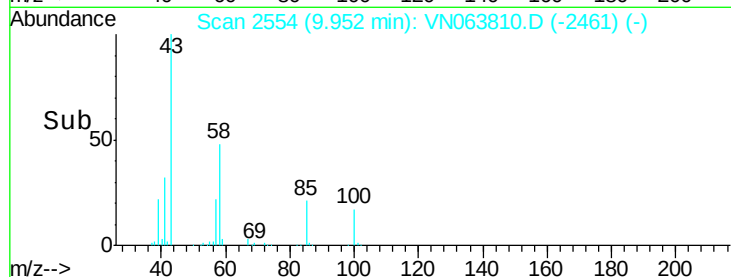
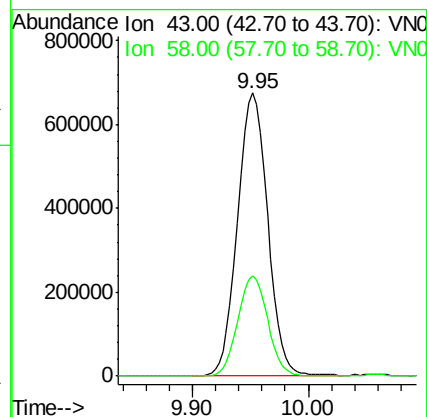
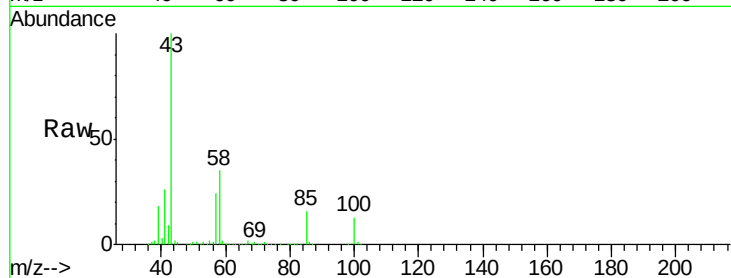
58 35.2 28.4 42.6

Manual Integrations

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10/2/2020 3:12:27 PM



#52

Toluene

Concen: 50.063 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063810.D

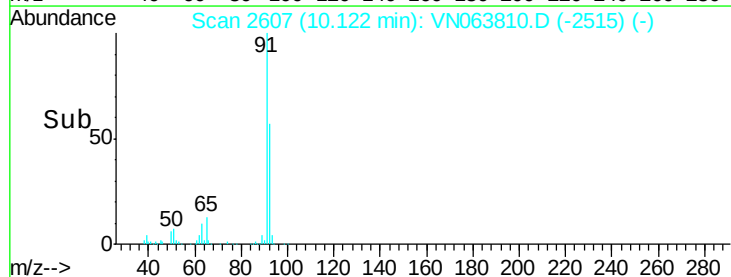
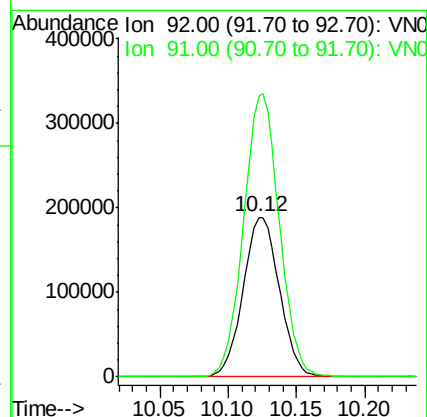
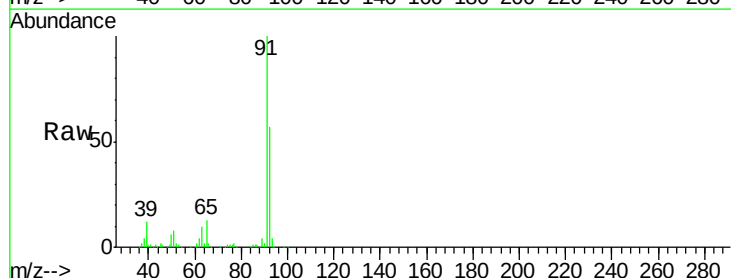
Acq: 2 Oct 2020 7:44

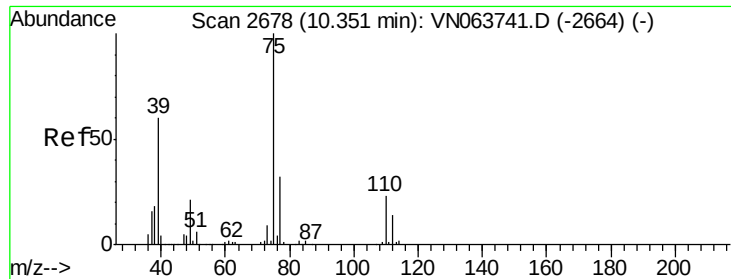
Tgt Ion: 92 Resp: 349059

Ion Ratio Lower Upper

92 100

91 174.9 140.6 210.8





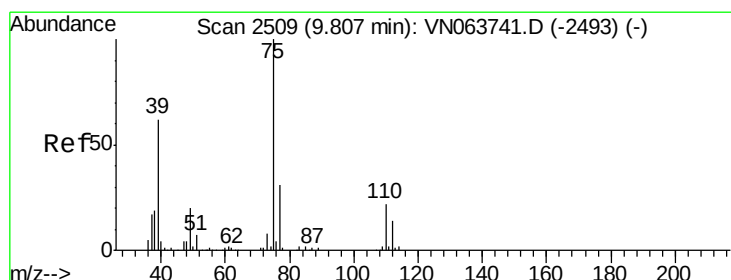
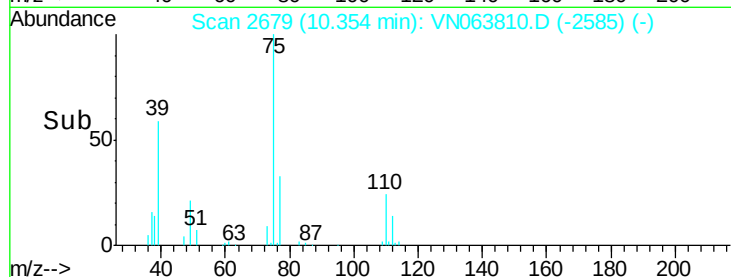
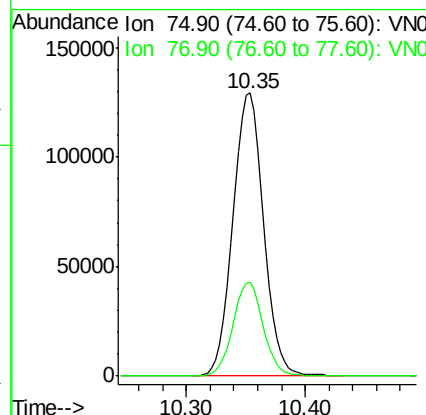
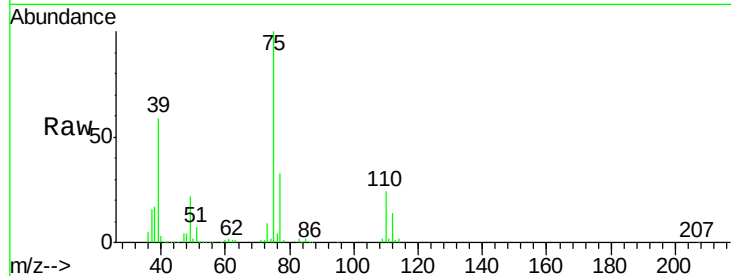
#53
t-1,3-Dichloropropene
Concen: 49.888 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 231459
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9

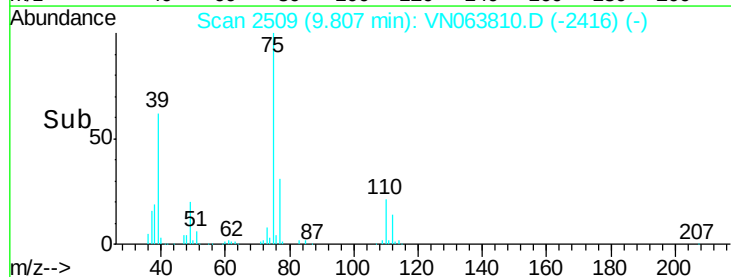
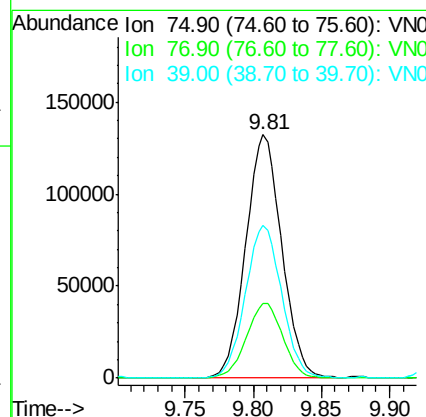
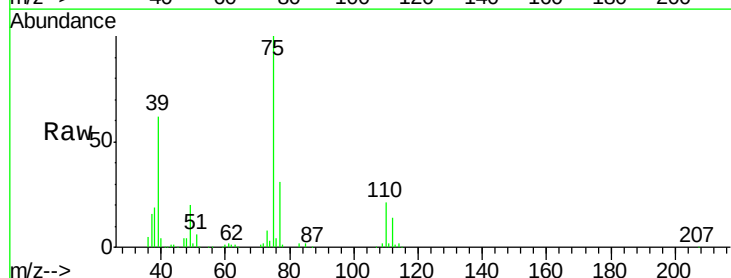
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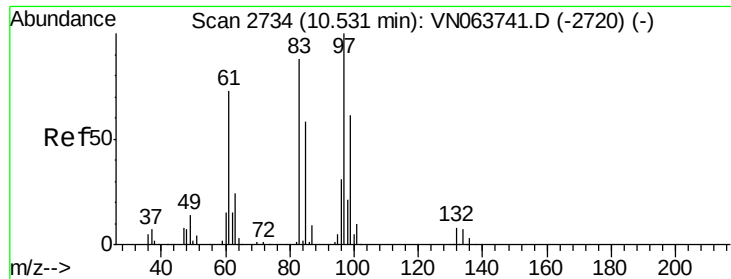
MMDadoda
10/2/2020 3:12:27 PM



#54
cis-1,3-Dichloropropene
Concen: 49.934 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 75 Resp: 242286
Ion Ratio Lower Upper
75 100
77 30.6 24.6 36.8
39 62.3 49.7 74.5





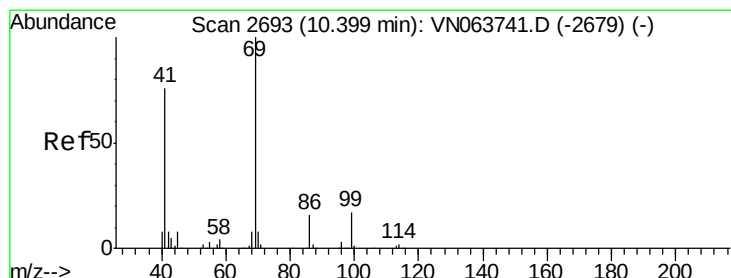
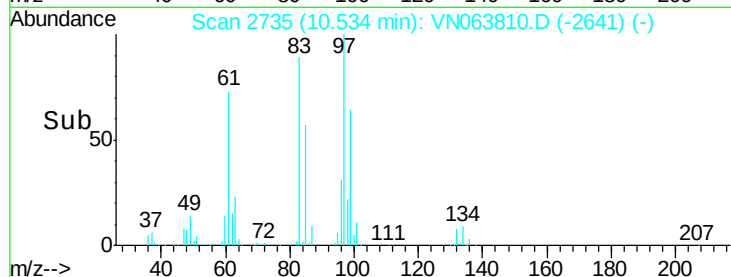
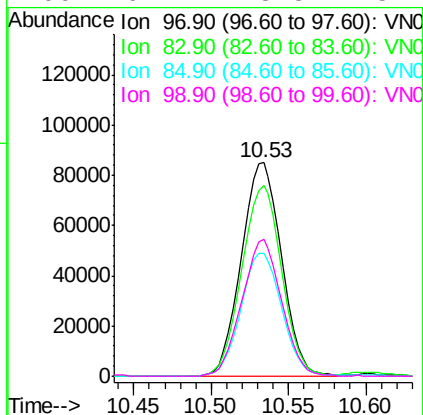
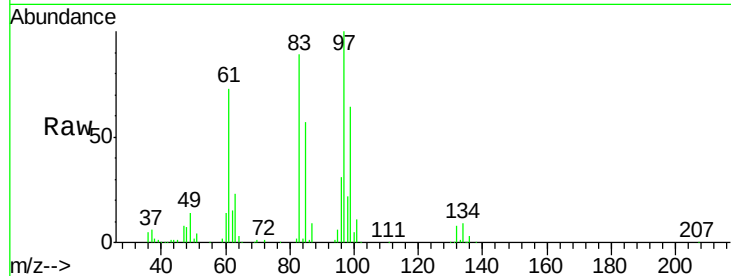
#55
 1,1,2-Trichloroethane
 Concen: 55.021 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	153845
Ion	Ratio	Lower	Upper
97	100		
83	89.3	70.7	106.1
85	57.3	46.1	69.1
99	64.1	48.8	73.2

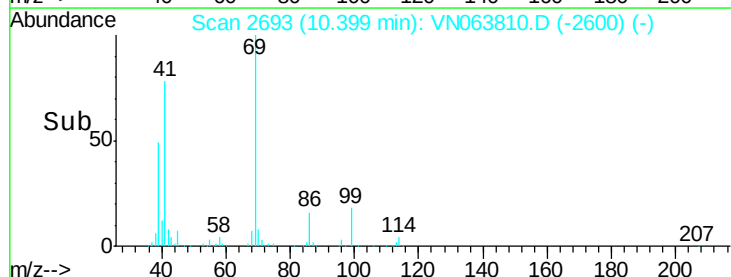
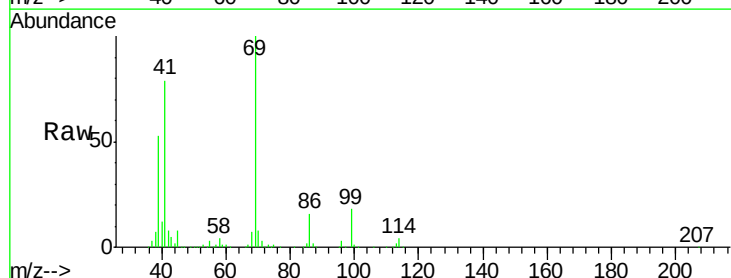
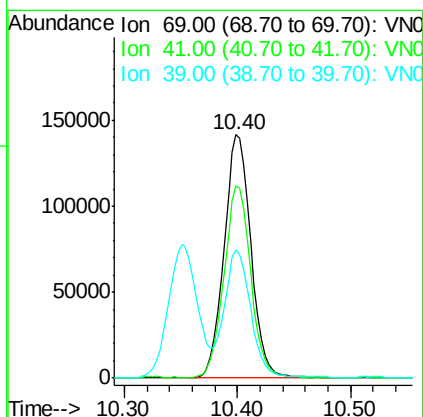
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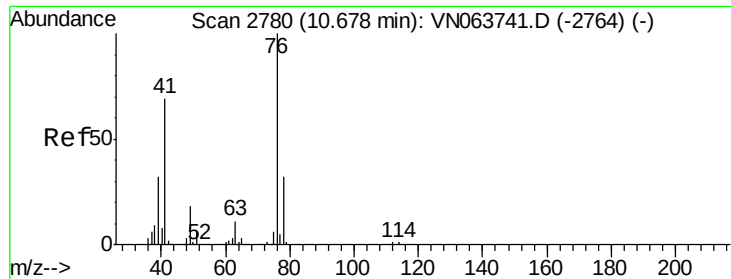
MMDadoda
 10/2/2020 3:12:27 PM



#56
 Ethyl methacrylate
 Concen: 59.123 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion:	69	Resp:	234330
Ion	Ratio	Lower	Upper
69	100		
41	78.1	61.1	91.7
39	51.5	42.2	63.4





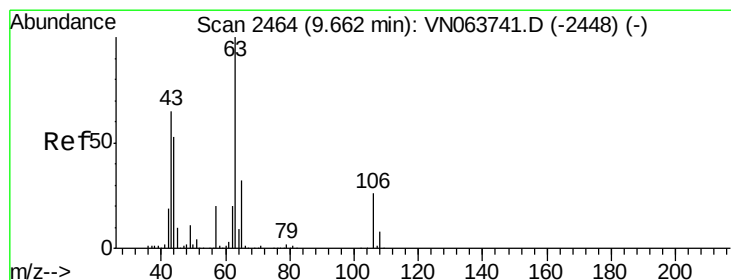
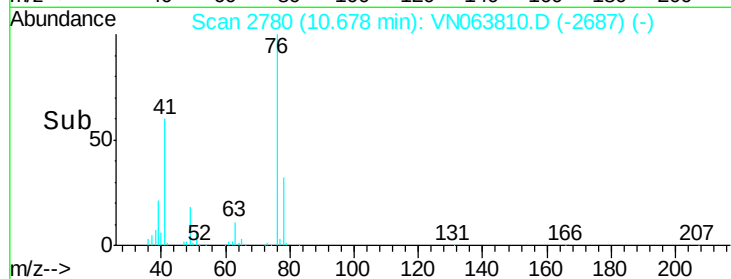
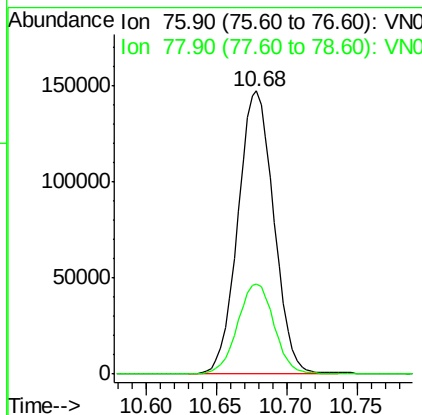
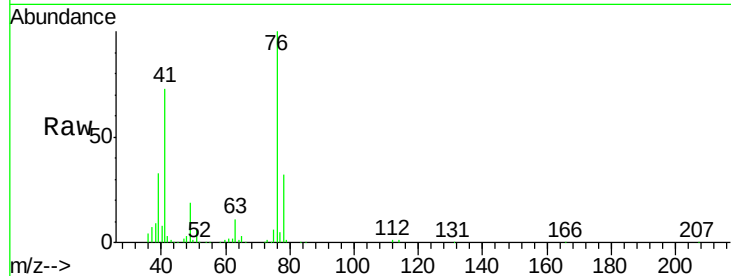
#57
 1,3-Dichloropropane
 Concen: 55.734 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.2	37.8

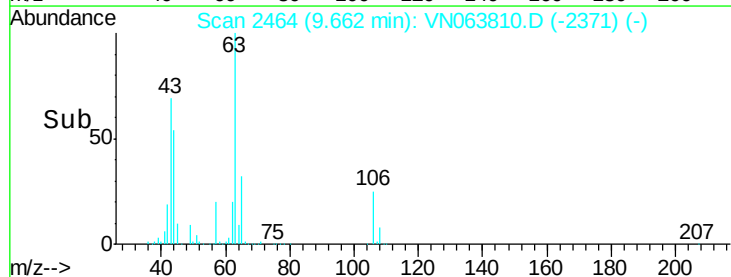
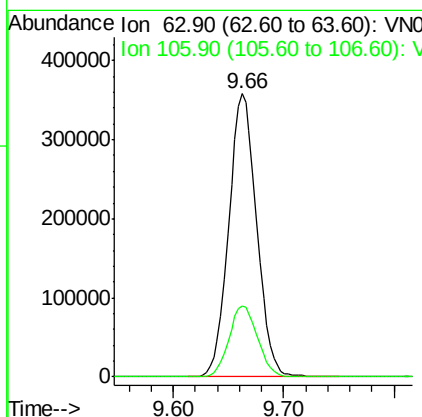
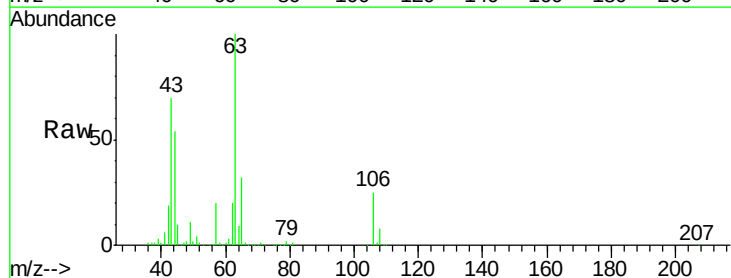
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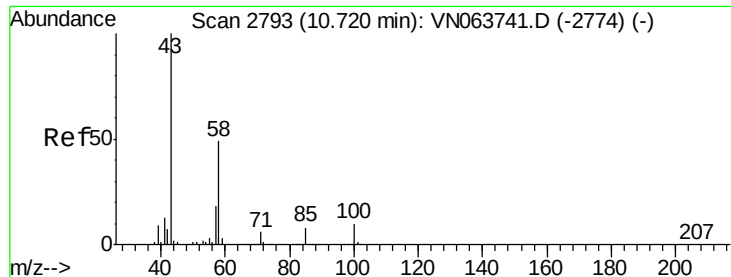
MMDadoda
 10/2/2020 3:12:27 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 295.870 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.8	20.7	31.1





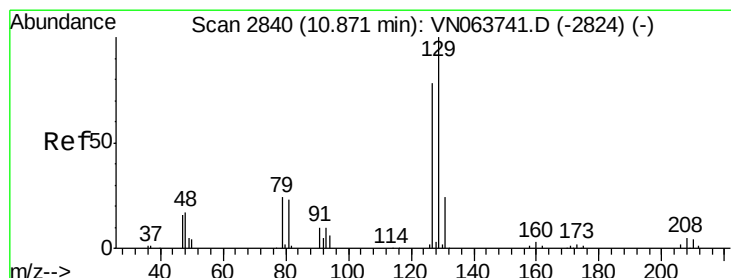
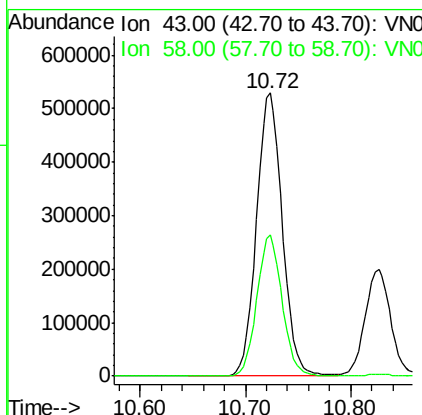
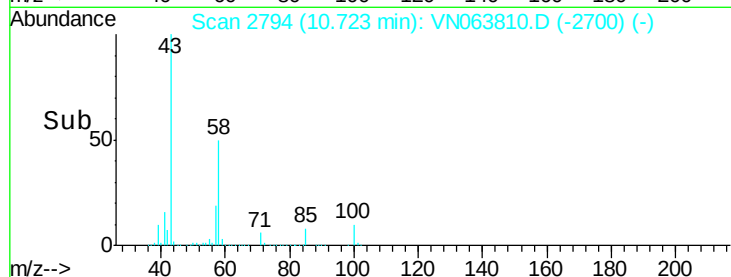
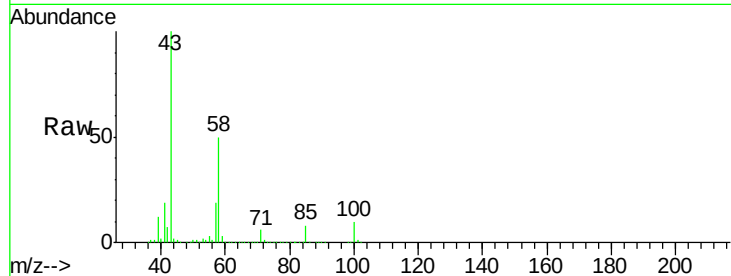
#59
2-Hexanone
Concen: 319.769 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 901571
Ion Ratio Lower Upper
43 100
58 48.9 24.6 73.8

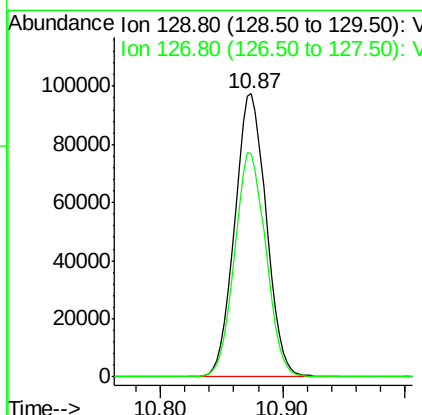
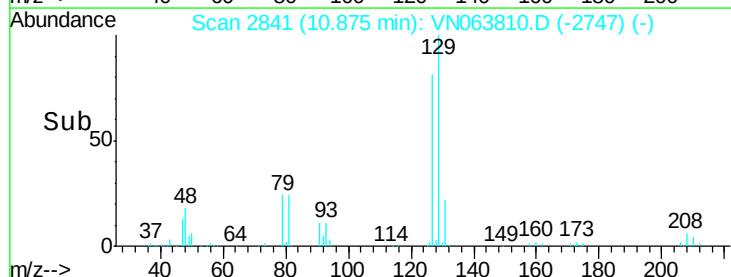
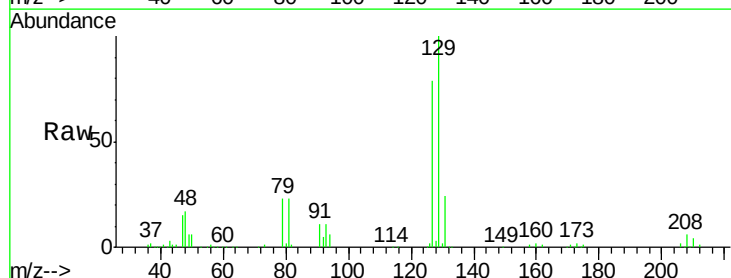
Manual Integrations
APPROVED

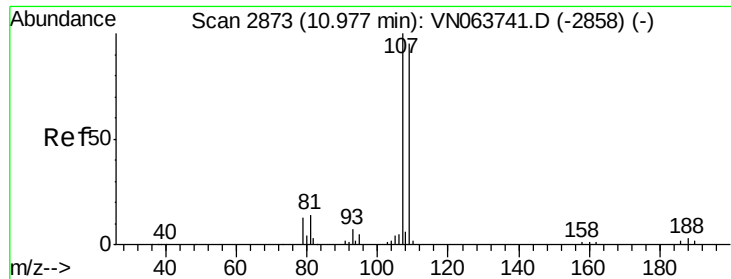
MMDadoda
10/2/2020 3:12:27 PM



#60
Dibromochloromethane
Concen: 53.540 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 129 Resp: 174344
Ion Ratio Lower Upper
129 100
127 78.7 38.9 116.7





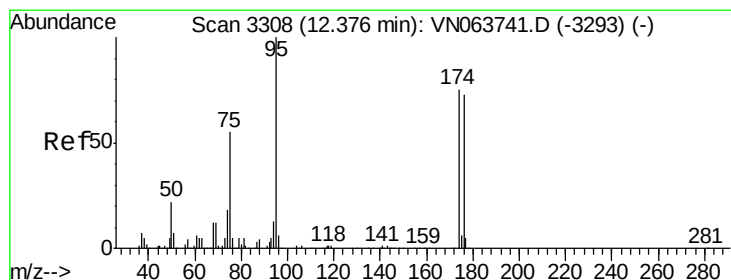
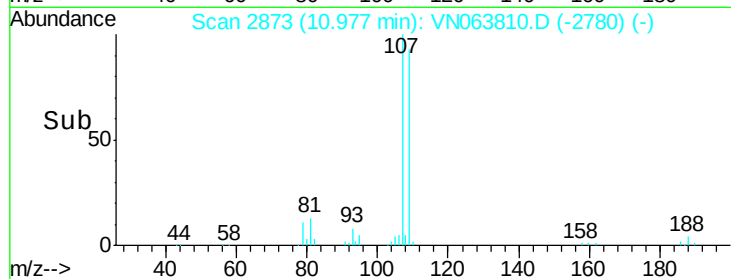
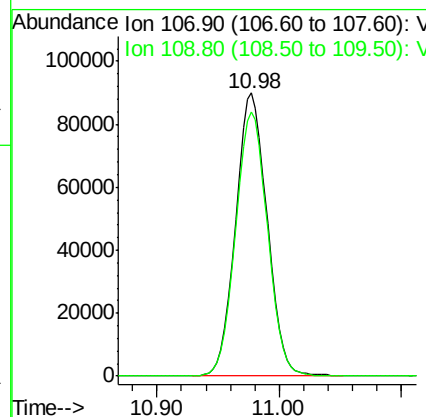
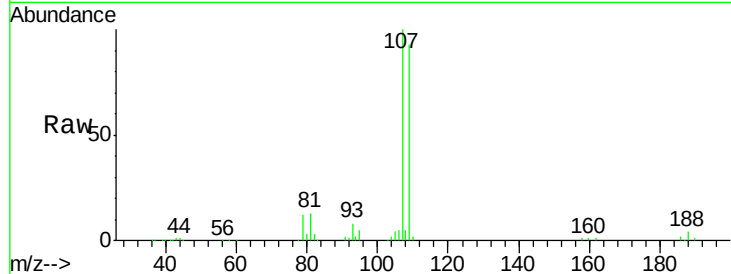
#61
 1,2-Dibromoethane
 Concen: 56.371 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	74.8	112.2

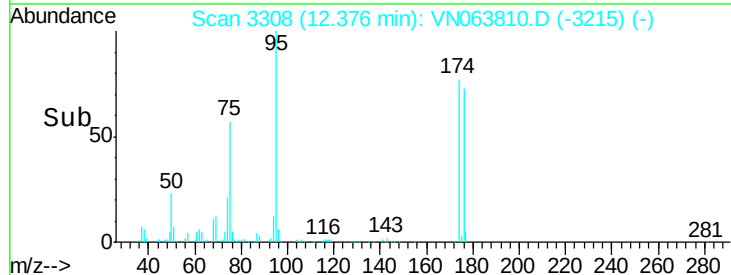
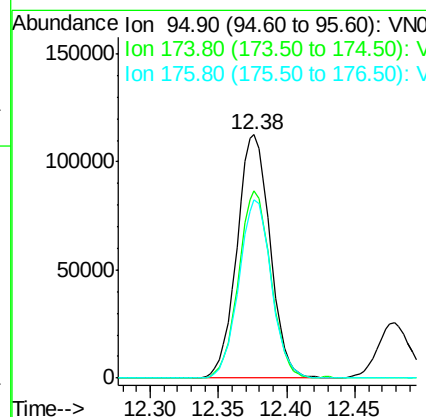
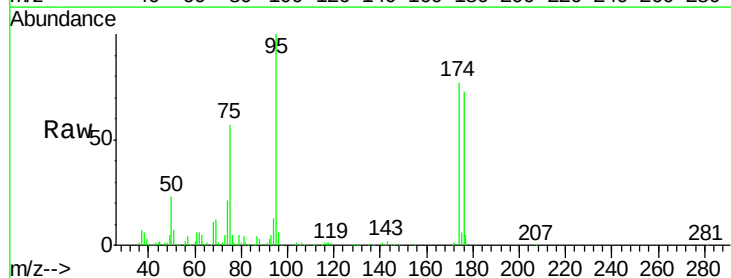
Manual Integrations
 APPROVED

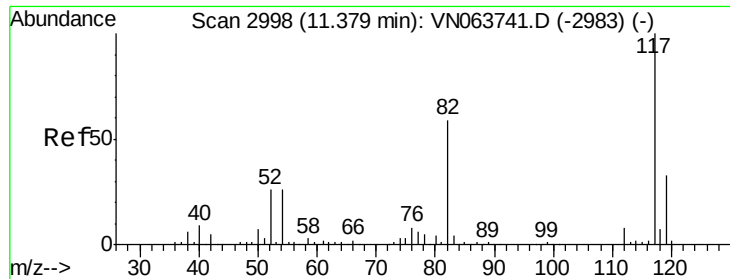
MMDadoda
 10/2/2020 3:12:27 PM



#62
 4-Bromofluorobenzene
 Concen: 49.300 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	150.6
176	71.8	0.0	145.4





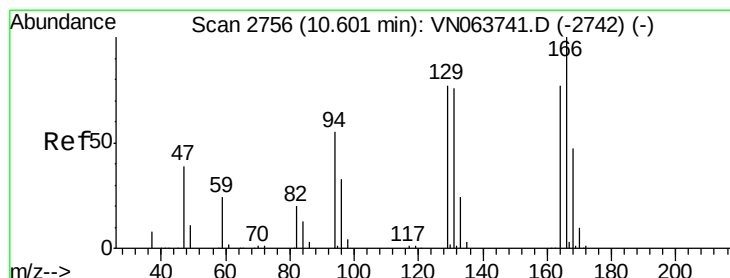
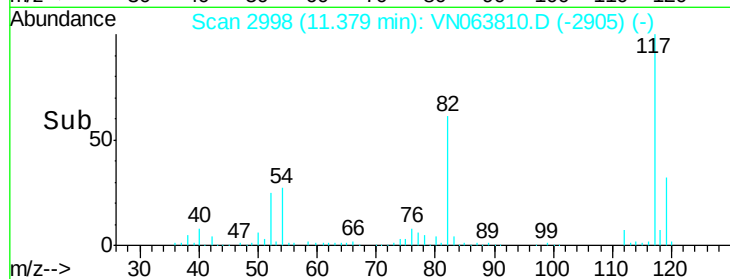
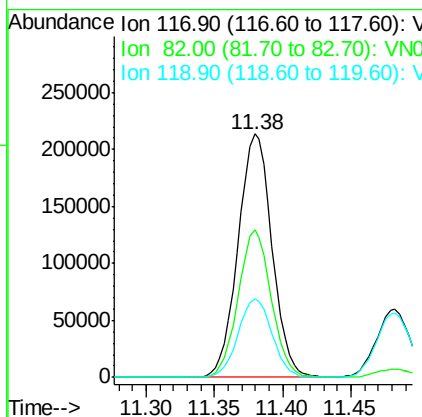
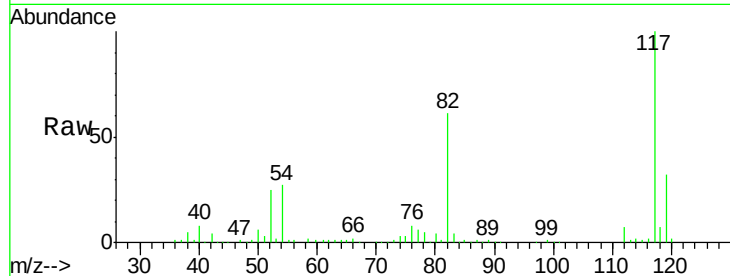
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.5	47.4	71.2
119	32.0	26.4	39.6

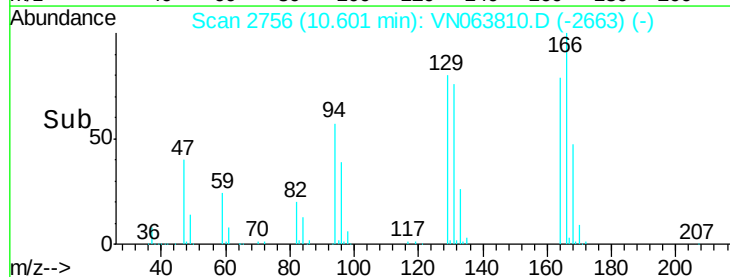
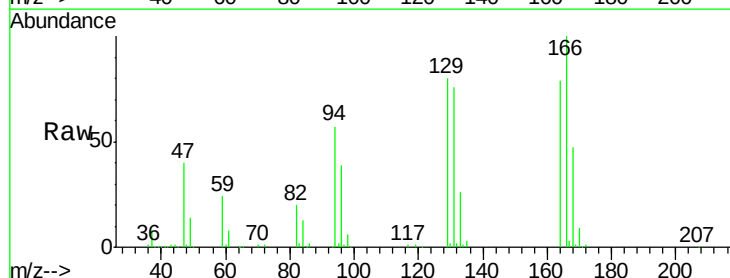
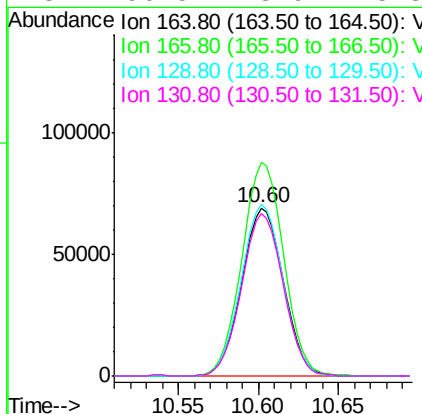
Manual Integrations
APPROVED

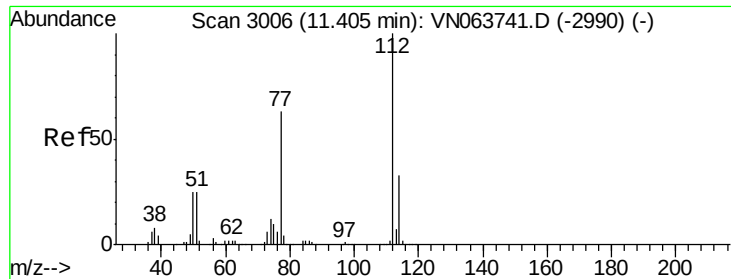
MMDadoda
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#64
Tetrachloroethene
Concen: 43.182 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.1	103.9	155.9
129	102.0	80.3	120.5
131	96.5	78.9	118.3





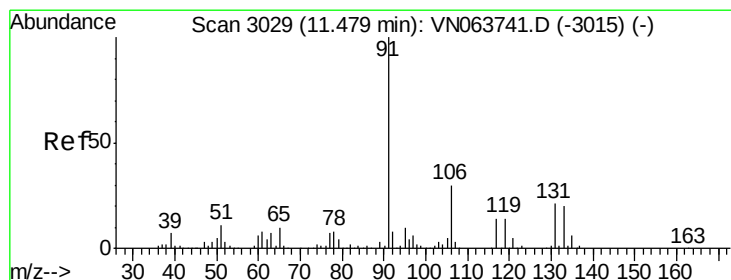
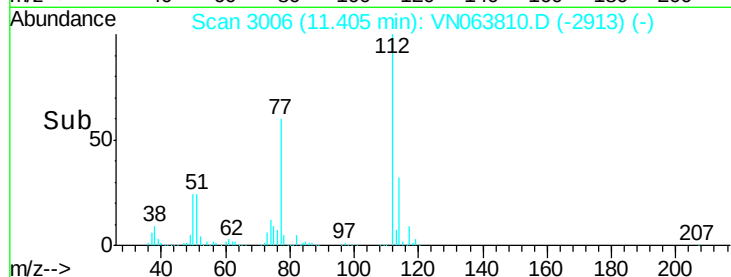
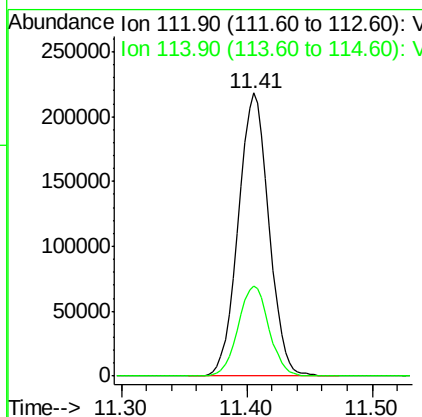
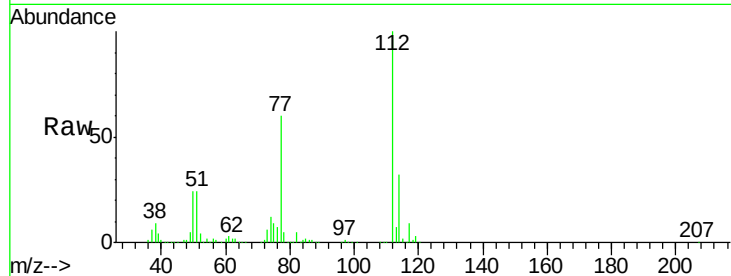
#65
Chlorobenzene
Concen: 48.834 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	26.1	39.1

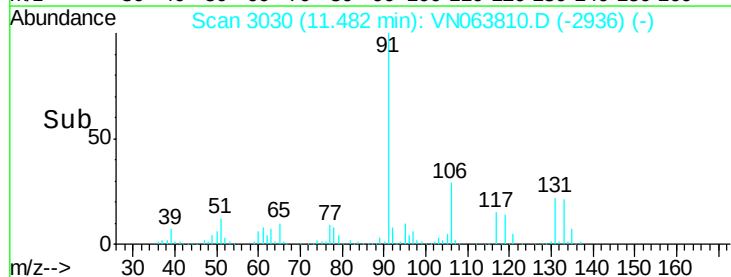
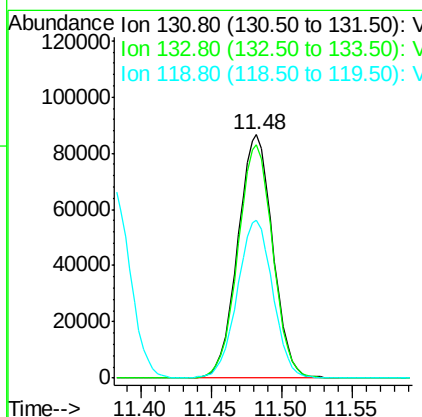
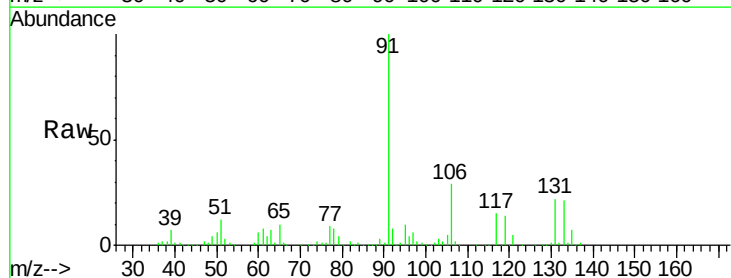
Manual Integrations
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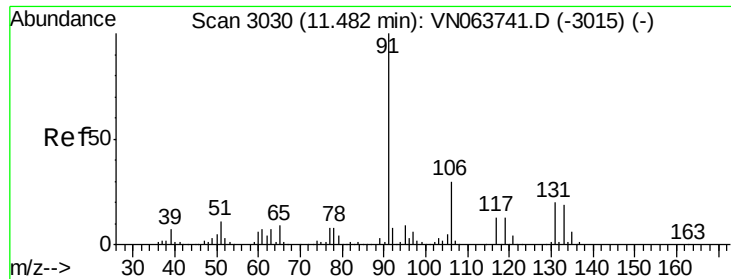
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.790 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.3	141.8
119	65.9	32.6	97.7





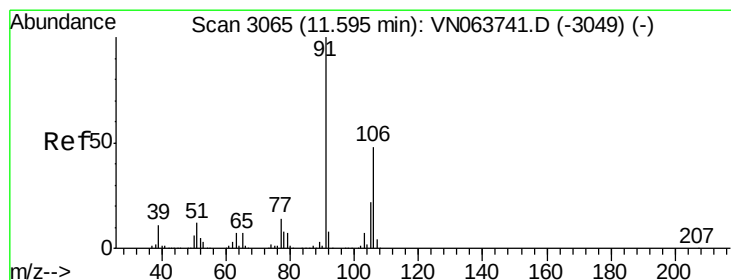
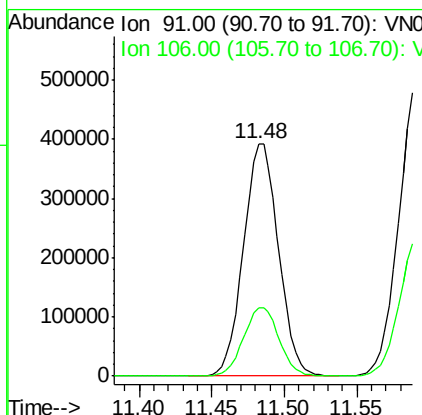
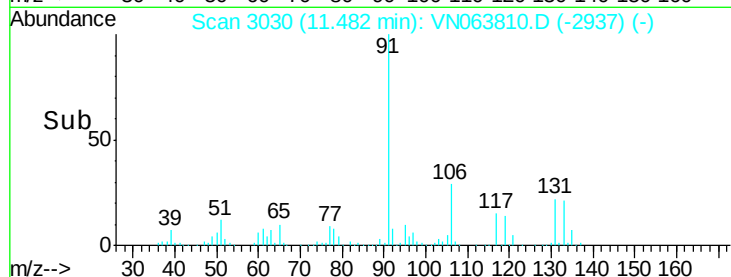
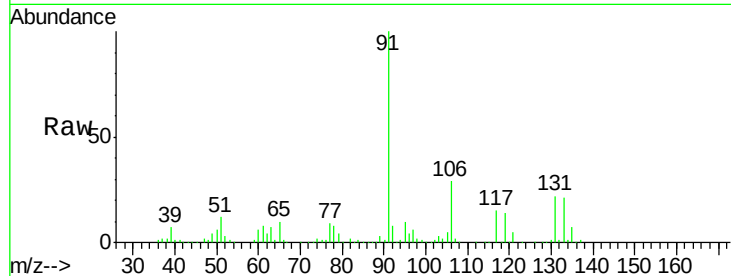
#67
Ethyl Benzene
Concen: 47.859 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050EC

Tot Ion: 91 Resp: 659966
Ion Ratio Lower Upper
91 100
106 29.2 24.2 36.2

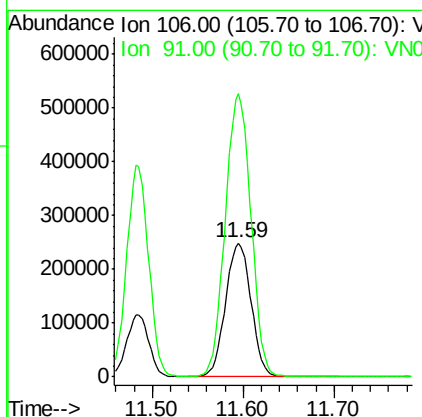
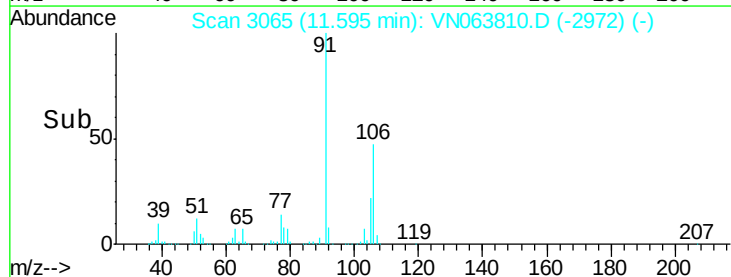
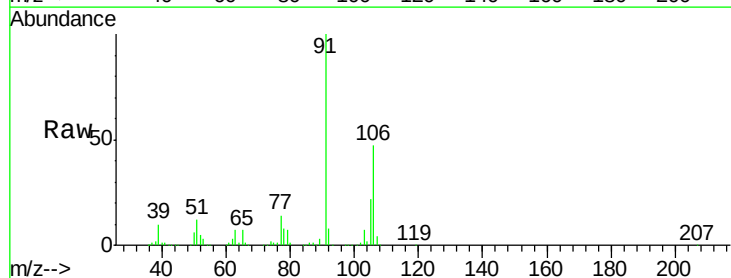
Manual Integrations
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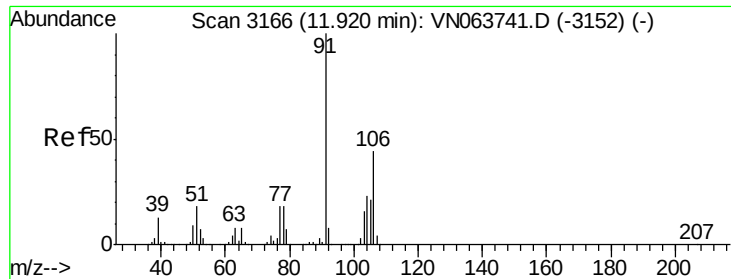
MMDadoda
10/2/2020 3:12:27 PM



#68
m/p-Xylenes
Concen: 94.337 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion: 106 Resp: 484837
Ion Ratio Lower Upper
106 100
91 212.7 168.0 252.0





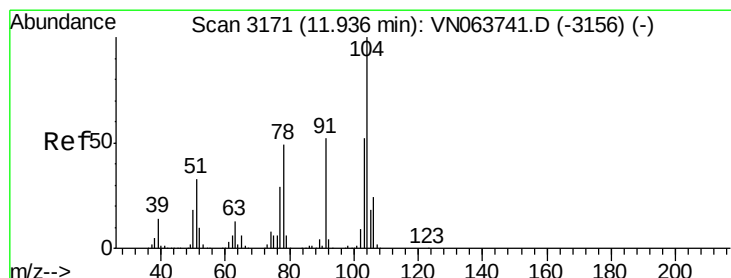
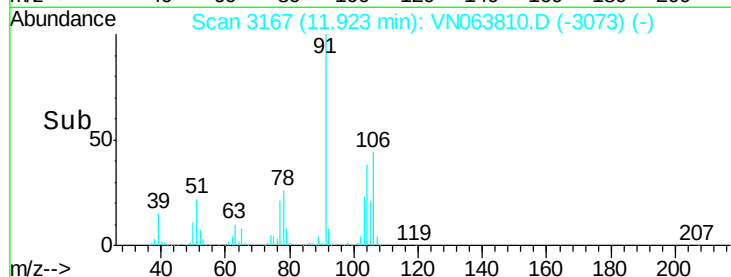
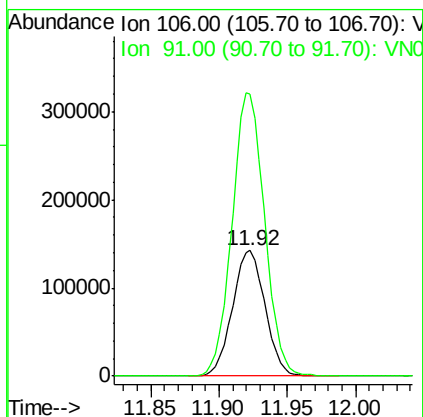
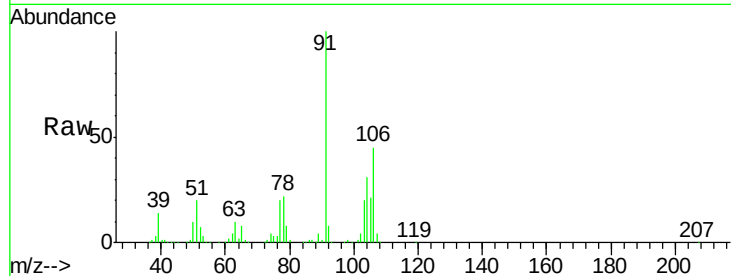
#69
o-Xylene
Concen: 49.293 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	224.7	112.7	338.0

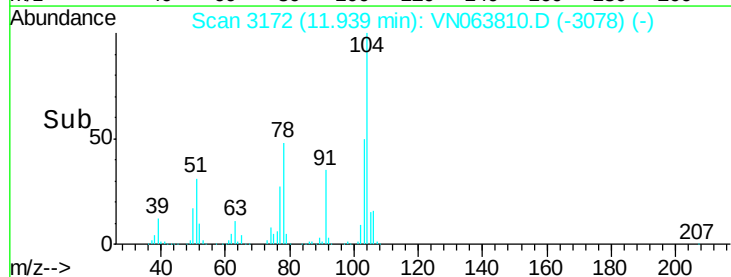
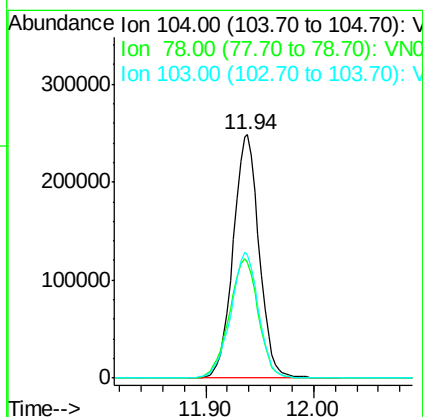
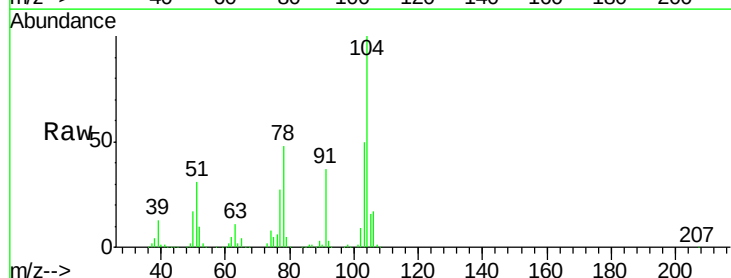
Manual Integrations
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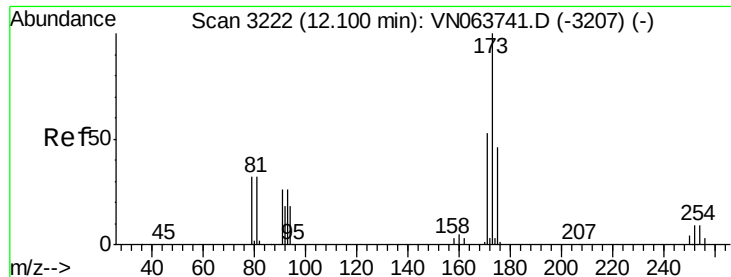
MMDadoda
10/2/2020 3:12:27 PM



#70
Styrene
Concen: 50.824 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	55.0	44.1	66.1
103	55.4	44.3	66.5





#71

Bromoform

Concen: 55.578 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

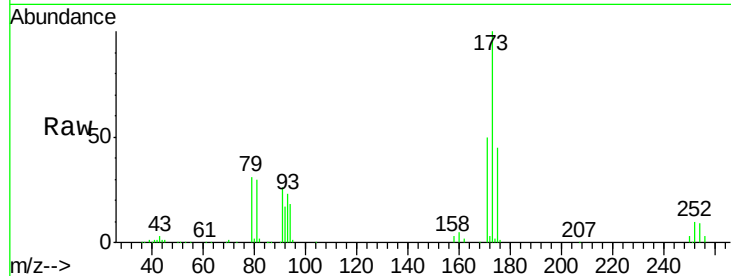
ClientSampleId :

VSTDCCC050EC

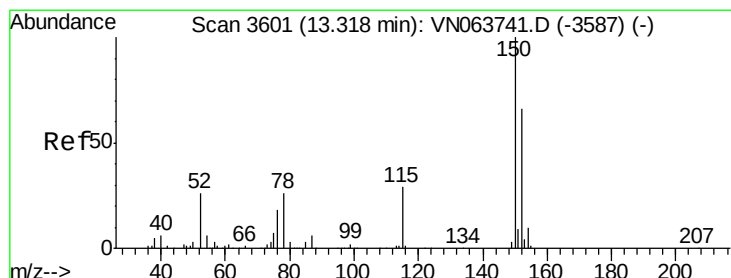
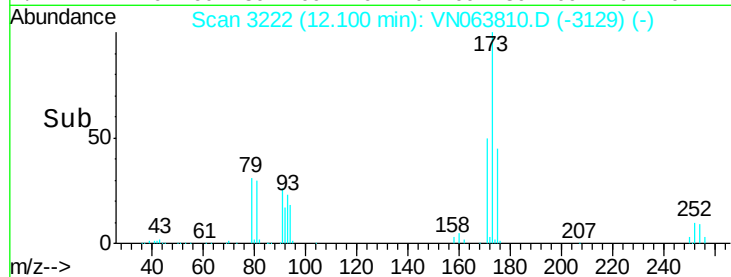
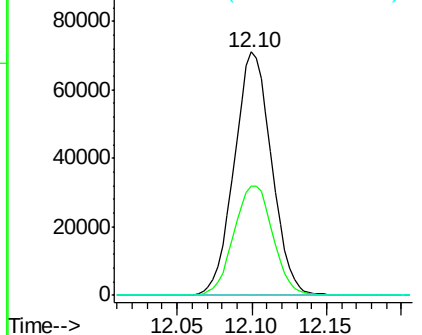
Tot Ion:	173	Resp:	123494
Ion Ratio	Lower	Upper	
173	100		
175	47.1	23.5	70.5
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

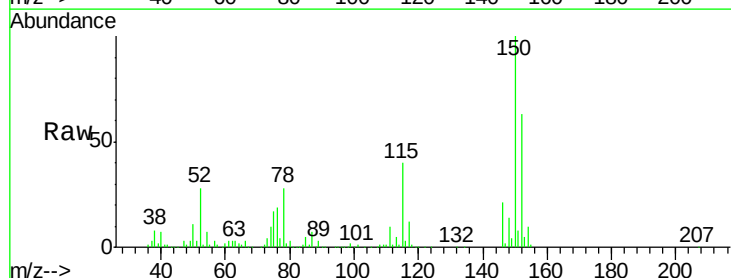
RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

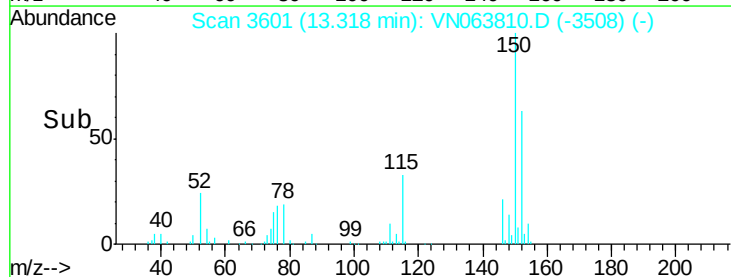
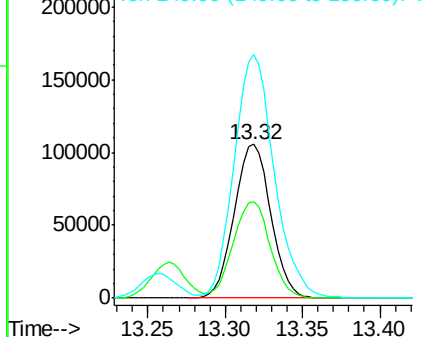
Lab File: VN063810.D

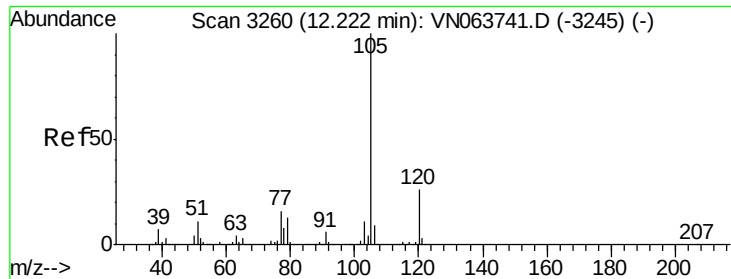
Acq: 2 Oct 2020 7:44

Tgt Ion:	152	Resp:	173242
Ion Ratio	Lower	Upper	
152	100		
115	63.3	31.3	93.8
150	173.2	0.0	341.8



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: 48.524 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 613156

Ion Ratio Lower Upper

105 100

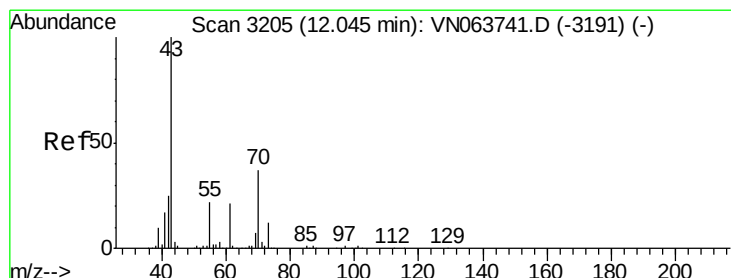
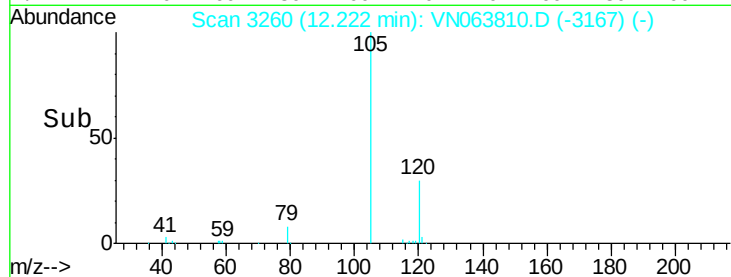
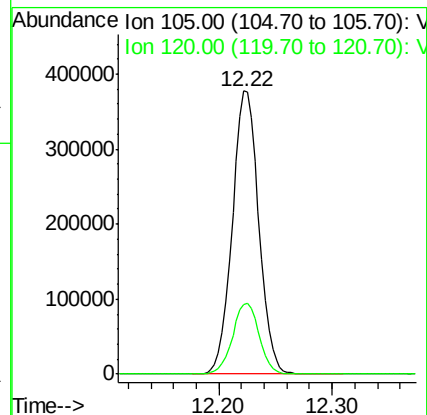
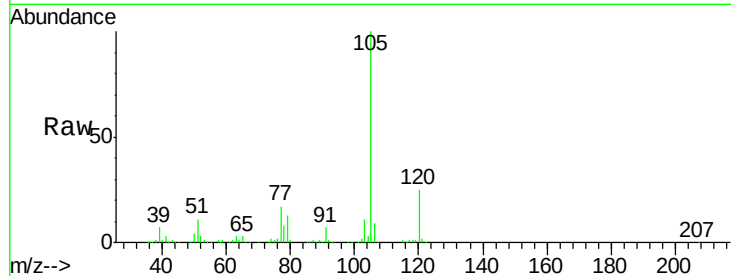
120 25.2 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 58.049 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Tgt Ion: 43 Resp: 343116

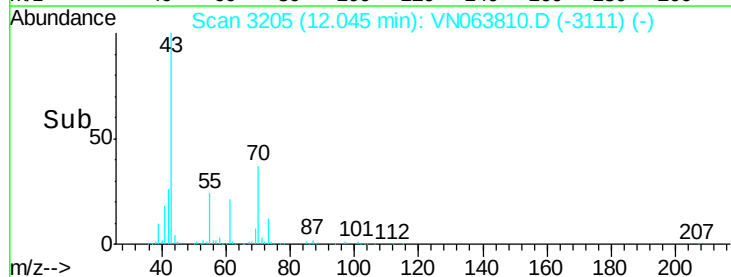
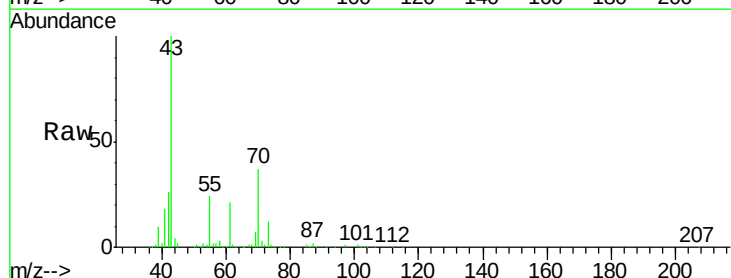
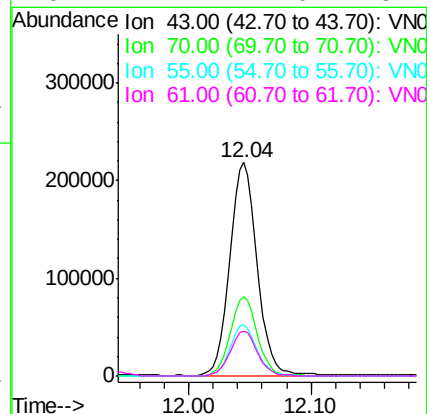
Ion Ratio Lower Upper

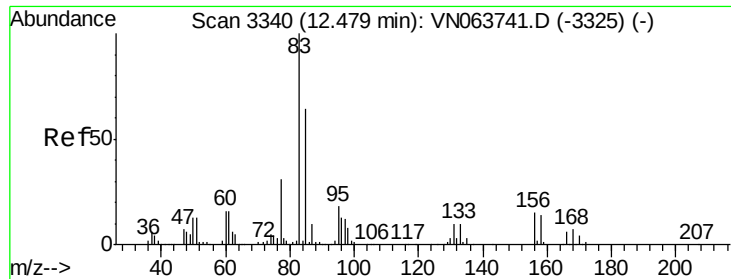
43 100

70 36.8 29.8 44.8

55 23.6 17.9 26.9

61 21.2 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 59.037 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050EC

Tot Ion: 83 Resp: 228118

Ion Ratio Lower Upper

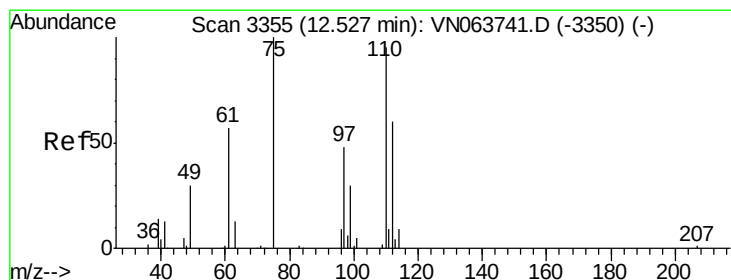
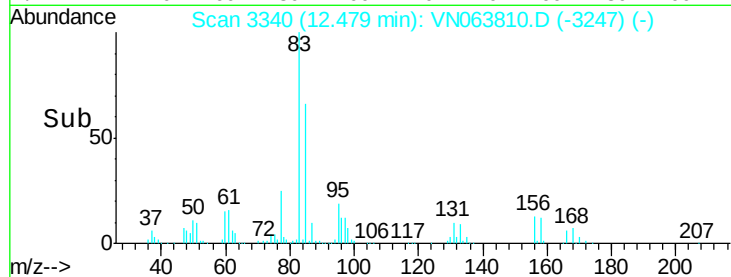
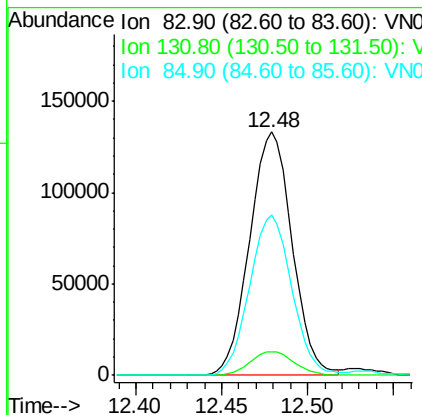
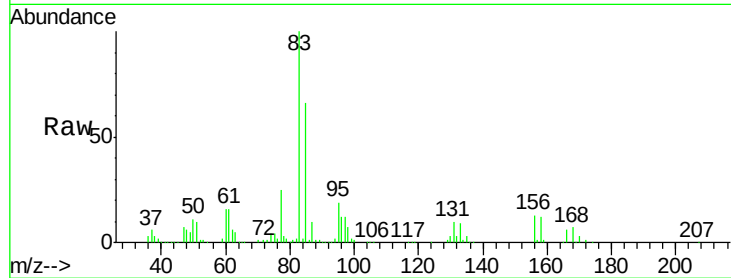
83 100

131 10.4 5.3 15.8

85 65.3 31.3 93.8

Manual Integrations
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10/2/2020 3:12:27 PM



#76

1,2,3-Trichloropropane

Concen: 56.964 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063810.D

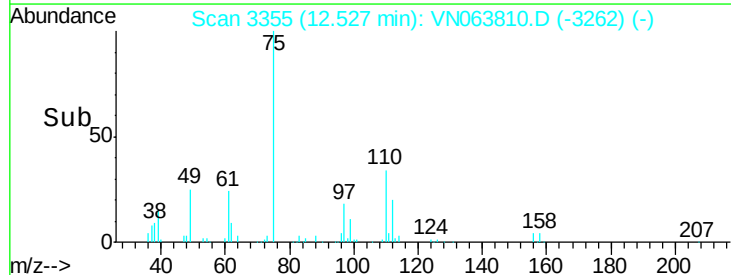
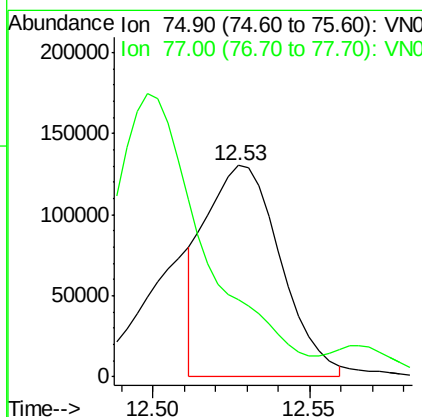
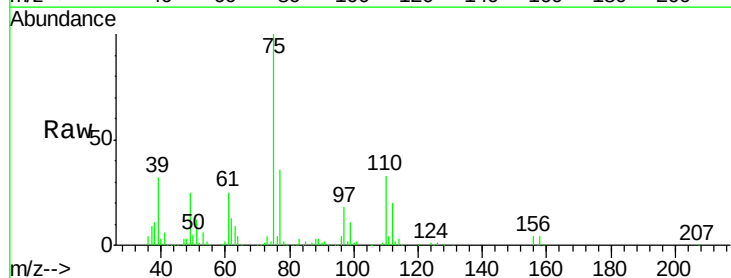
Acq: 2 Oct 2020 7:44

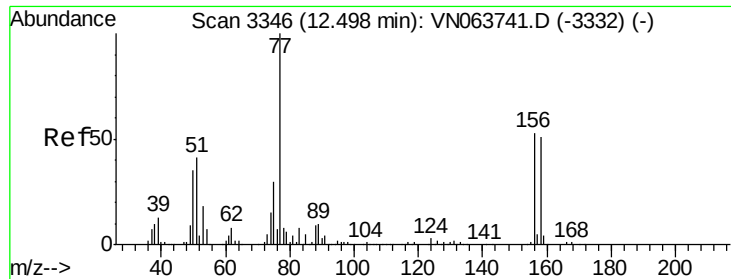
Tgt Ion: 75 Resp: 217541

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





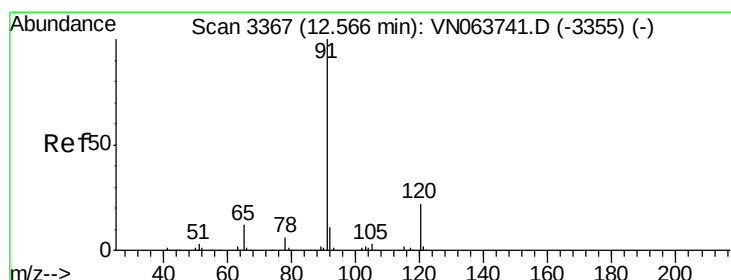
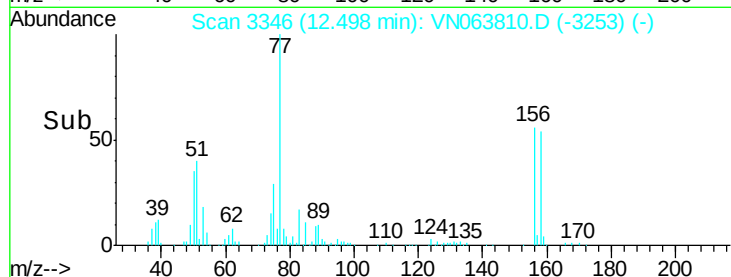
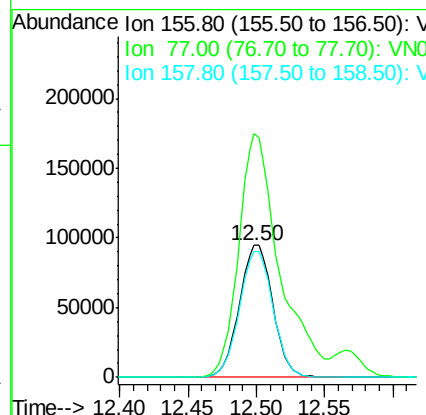
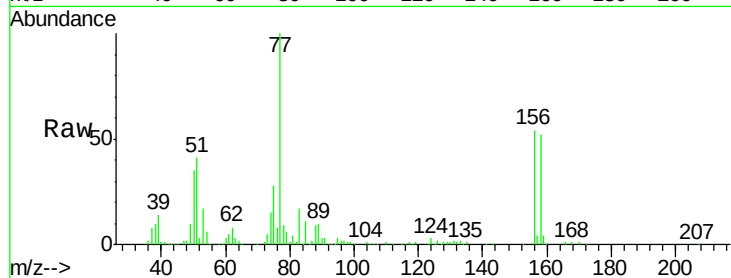
#77
Bromobenzene
Concen: 52.117 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	223.5	110.9	332.7
158	95.8	47.7	143.1

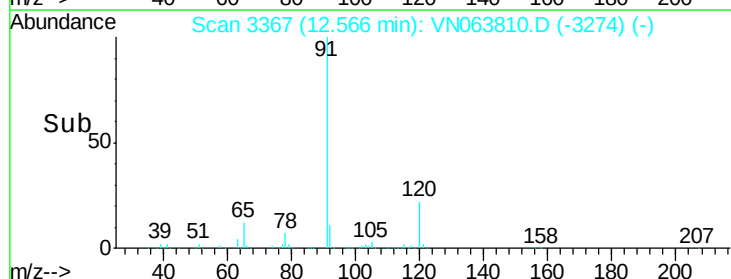
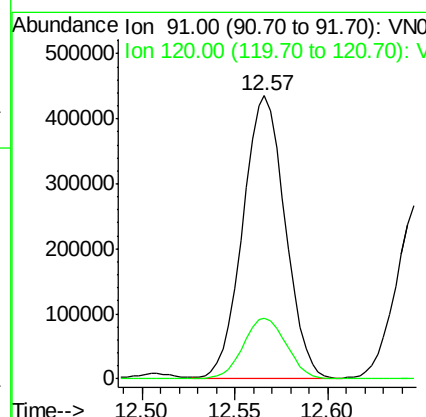
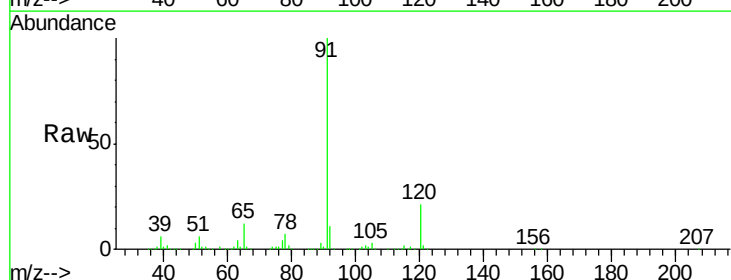
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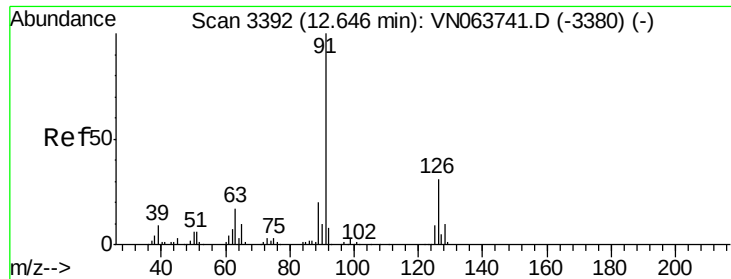
MMDadoda
10/2/2020 3:12:27 PM



#78
n-propylbenzene
Concen: 47.017 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.1	33.1





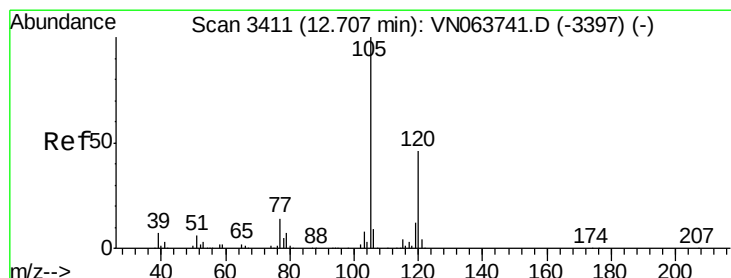
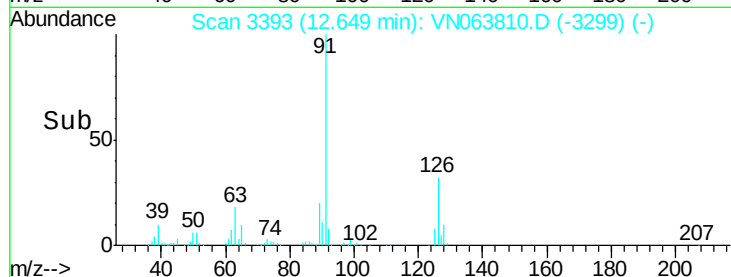
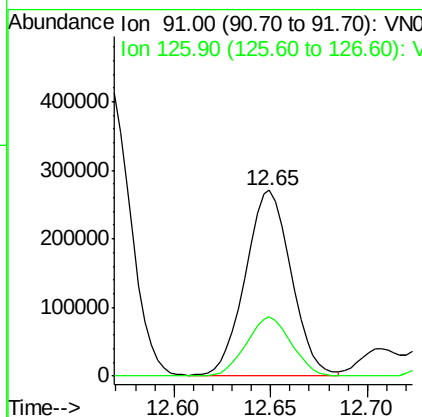
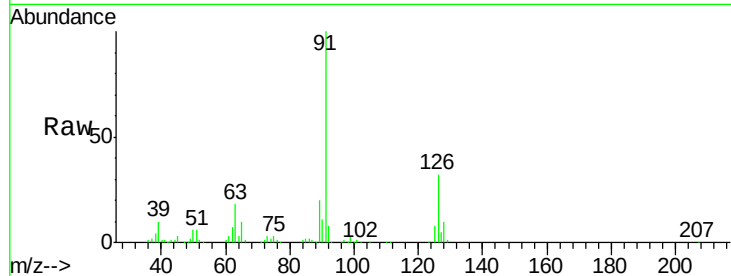
#79
 2-Chlorotoluene
 Concen: 49.513 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 447816
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.9 47.7

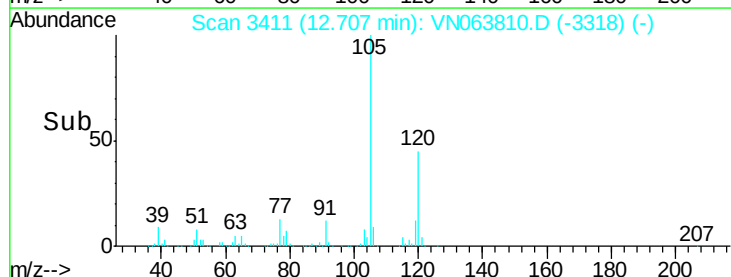
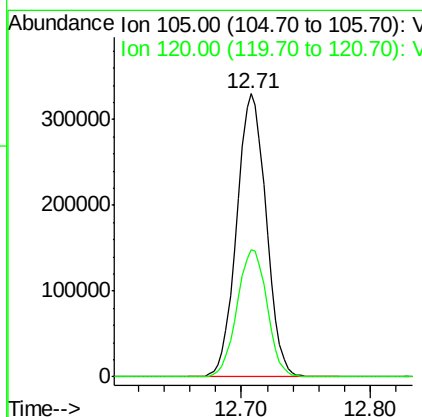
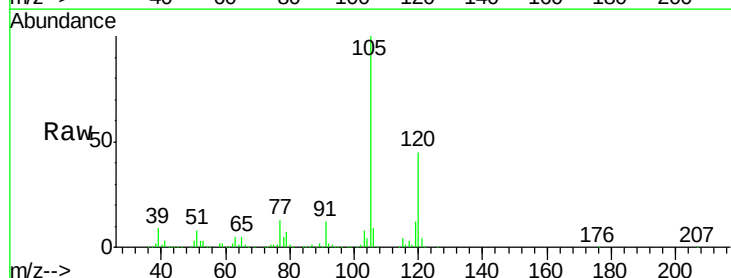
Manual Integrations
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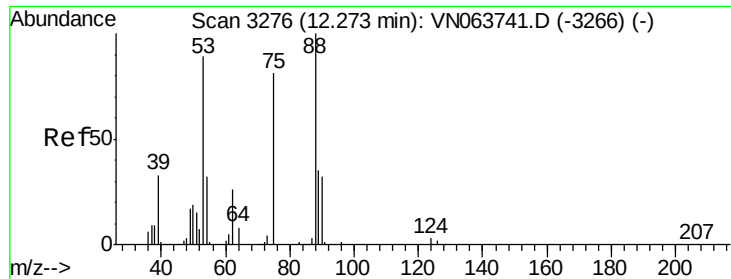
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#80
 1,3,5-Trimethylbenzene
 Concen: 49.436 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion: 105 Resp: 524078
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.3 69.9





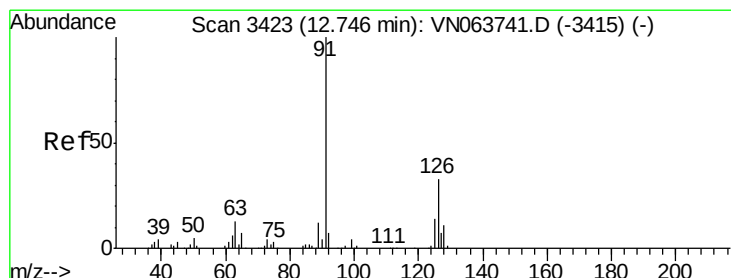
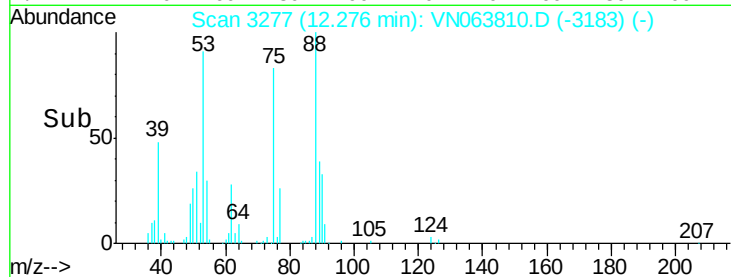
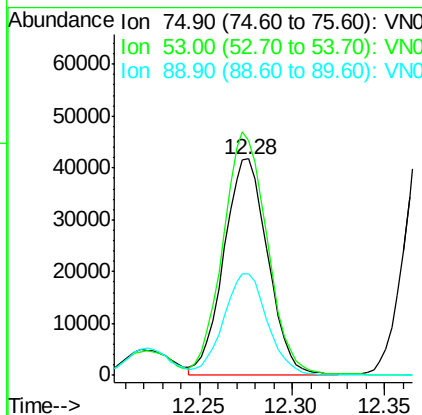
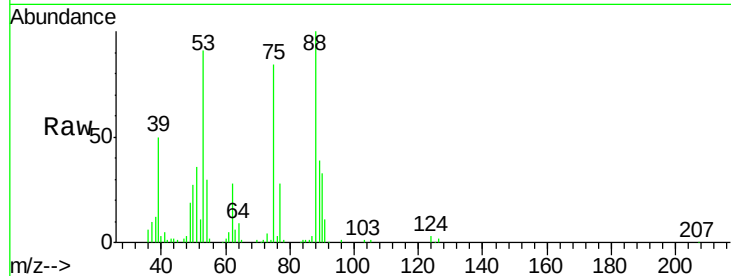
#81
trans-1,4-Dichloro-2-butene
Concen: 52.034 ug/l
RT: 12.28 min Scan# 3277
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	111.4	88.2	132.2
89	46.9	36.0	54.0

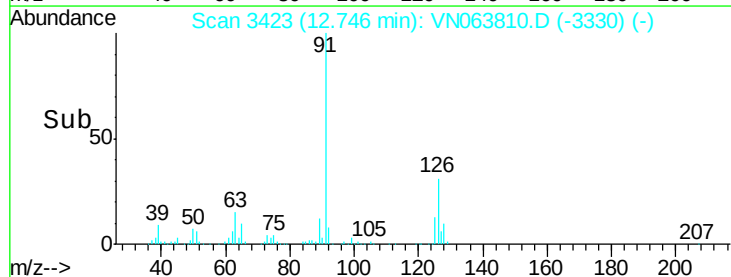
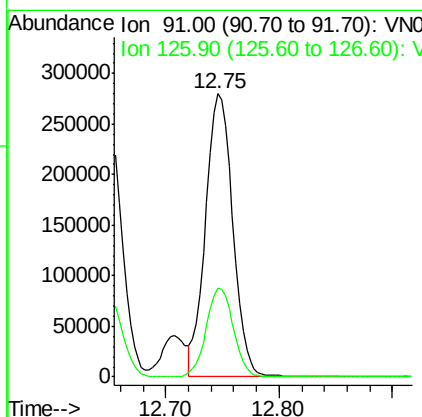
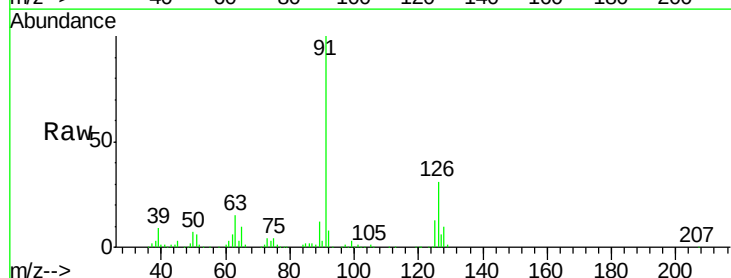
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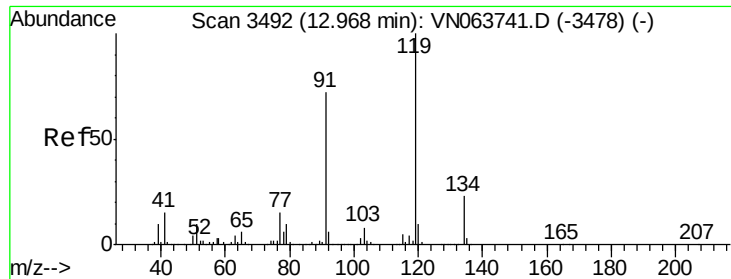
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#82
4-Chlorotoluene
Concen: 49.539 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





#83

tert-Butylbenzene

Concen: 47.193 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

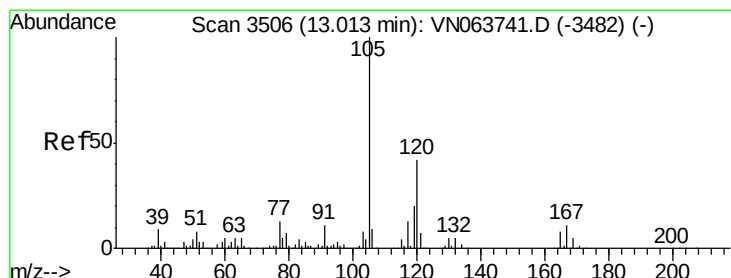
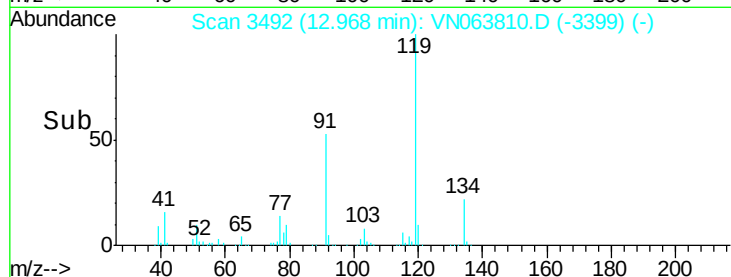
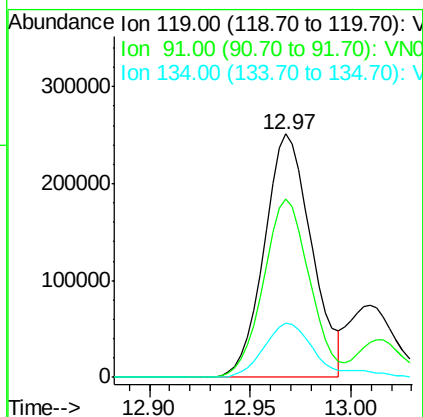
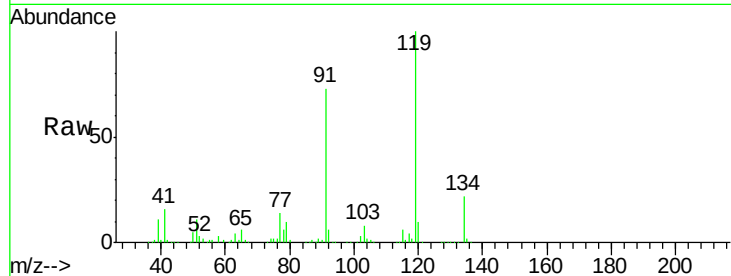
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.7	35.5	106.5
134	22.5	11.7	35.1

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#84

1,2,4-Trimethylbenzene

Concen: 49.547 ug/l

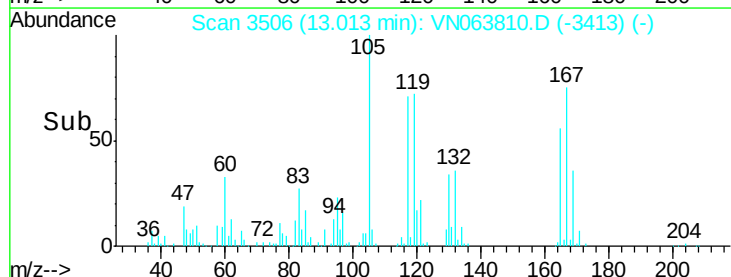
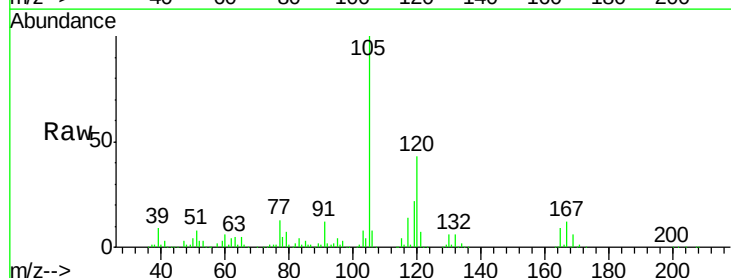
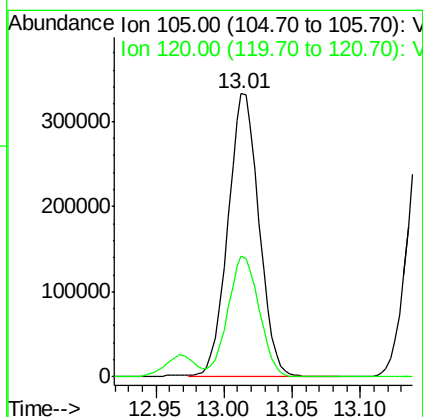
RT: 13.01 min Scan# 3506

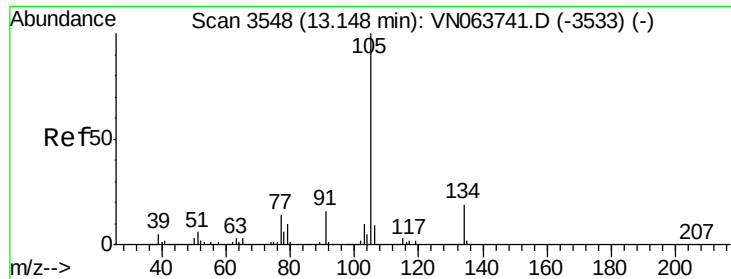
Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	20.9	62.7





#85

sec-Butylbenzene

Concen: 45.899 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 522767

Ion Ratio Lower Upper

105 100

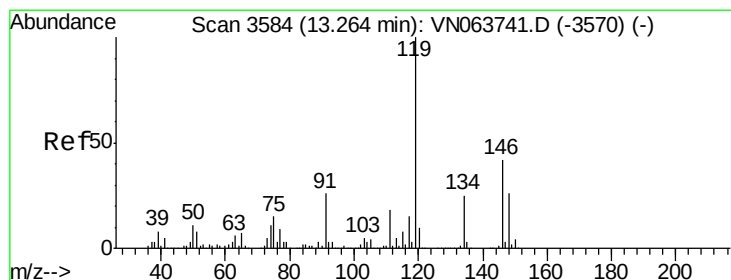
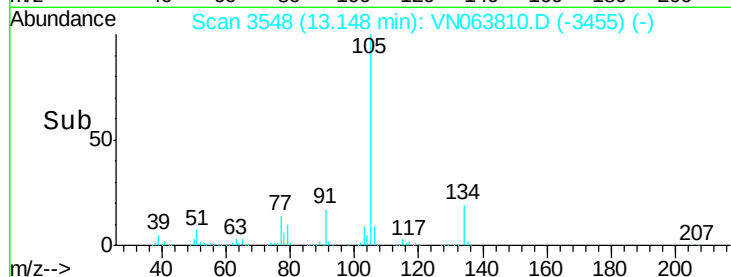
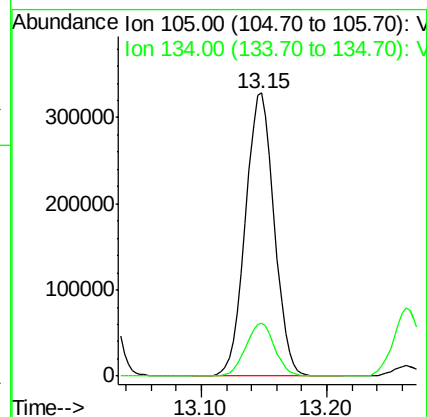
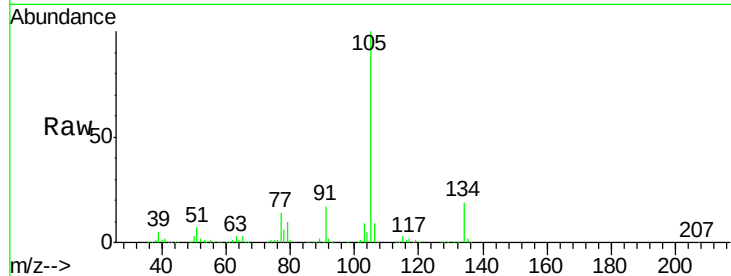
134 18.8 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 46.517 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

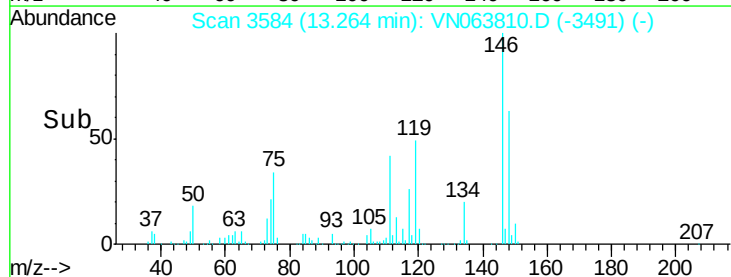
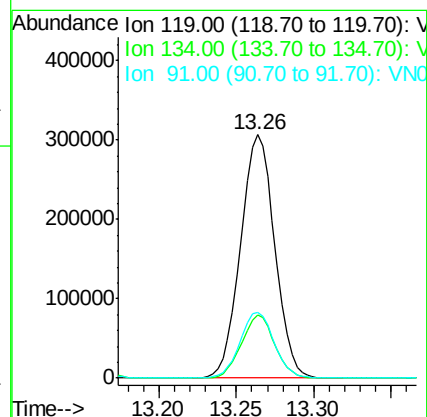
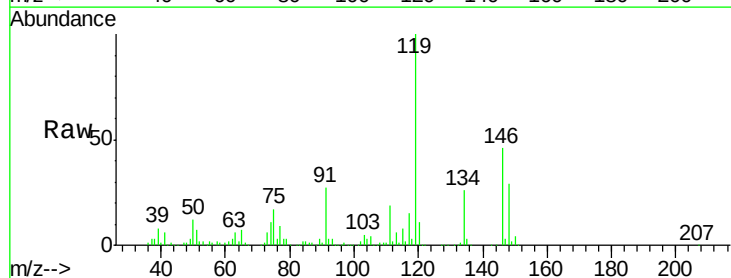
Tgt Ion:119 Resp: 468695

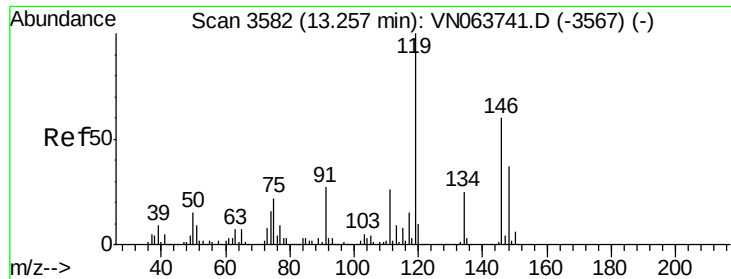
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.8

91 27.4 13.4 40.2





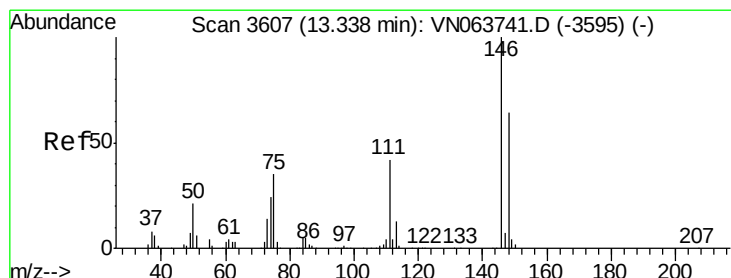
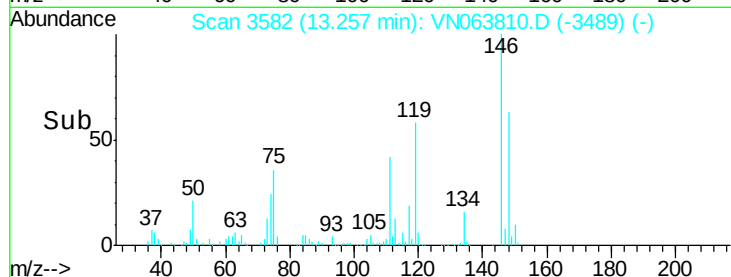
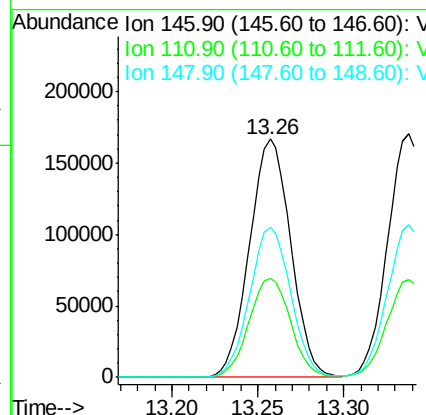
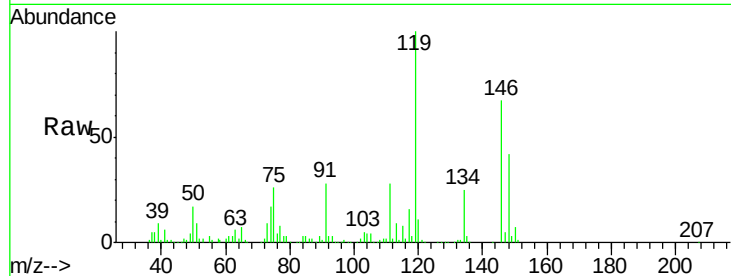
#87
 1,3-Dichlorobenzene
 Concen: 49.502 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	277678		
111	42.0	21.5	64.5	
148	62.9	31.1	93.3	

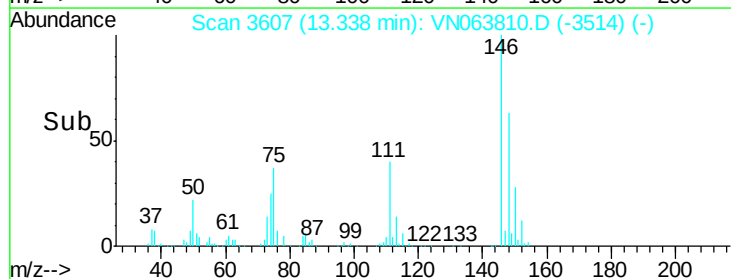
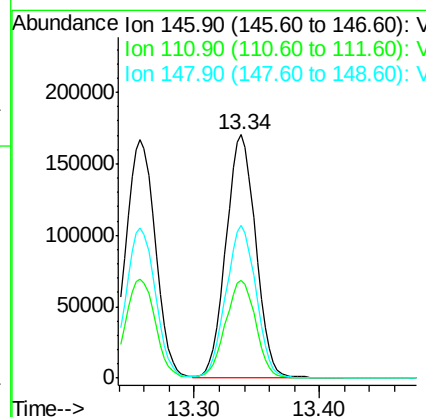
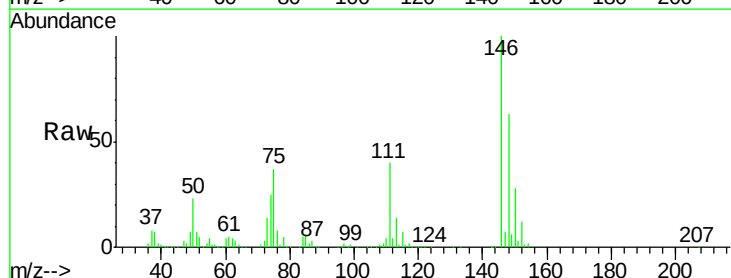
Manual Integrations
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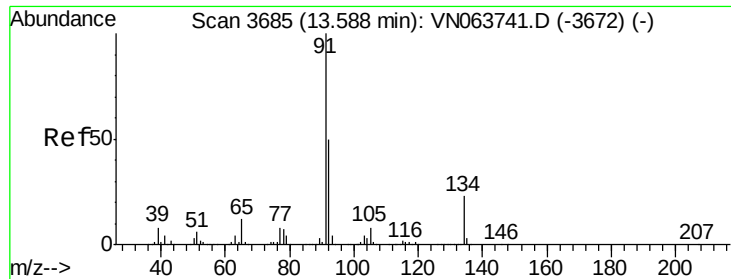
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#88
 1,4-Dichlorobenzene
 Concen: 47.754 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	278907		
111	40.8	21.3	63.7	
148	63.5	32.0	96.0	





#89

n-Butylbenzene

Concen: 41.499 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Instrument :

MSVOA_N

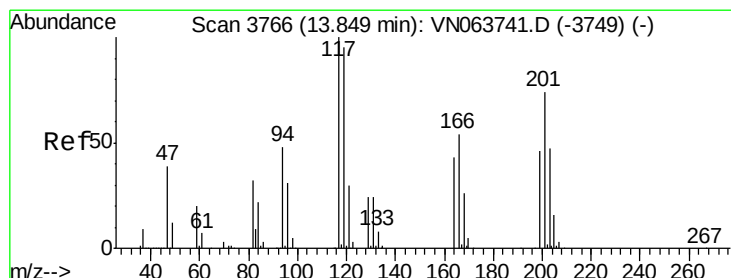
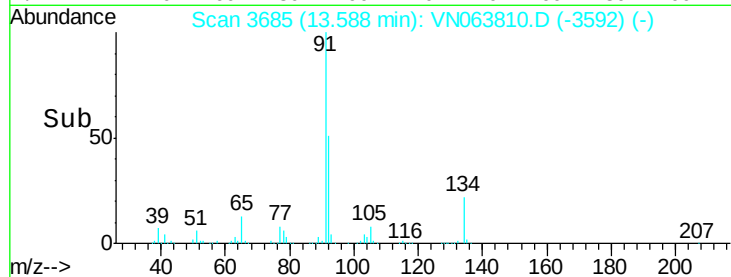
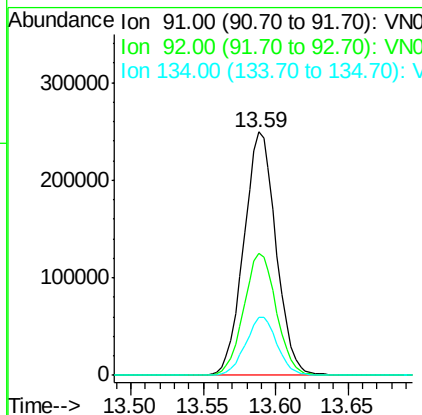
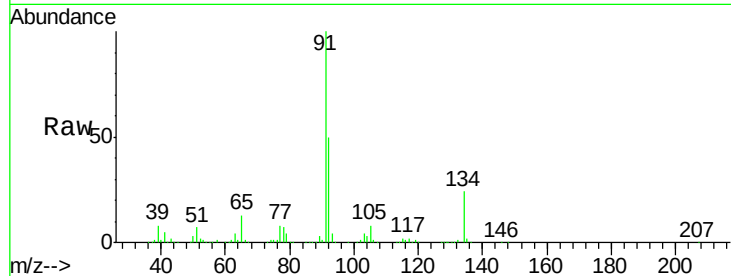
ClientSampleId :

VSTDCCC050EC

Tot Ion:	91	Resp:	385918
Ion Ratio	Lower	Upper	
91	100		
92	50.9	25.4	76.4
134	23.6	11.7	35.1

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#90

Hexachloroethane

Concen: 47.388 ug/l

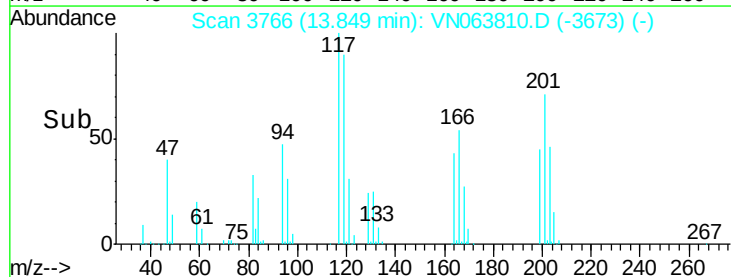
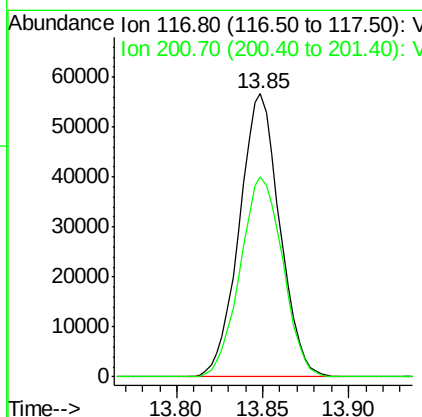
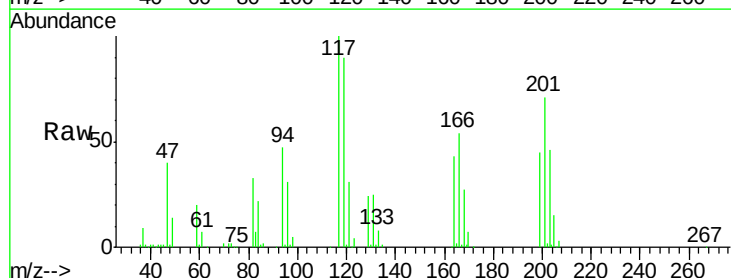
RT: 13.85 min Scan# 3766

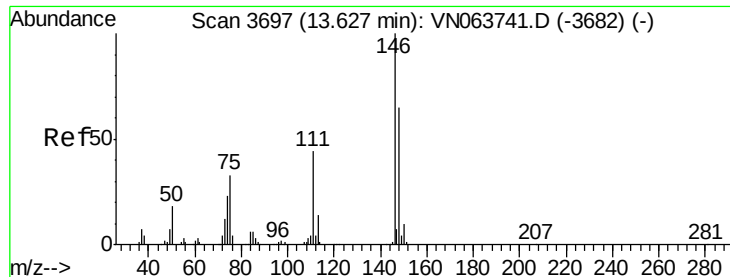
Delta R.T. 0.00 min

Lab File: VN063810.D

Acq: 2 Oct 2020 7:44

Tgt Ion:	117	Resp:	92522
Ion Ratio	Lower	Upper	
117	100		
201	74.2	36.0	108.0





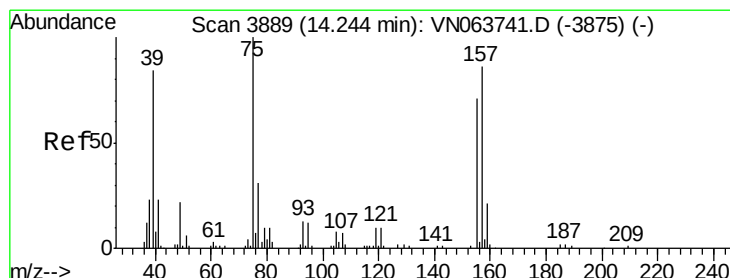
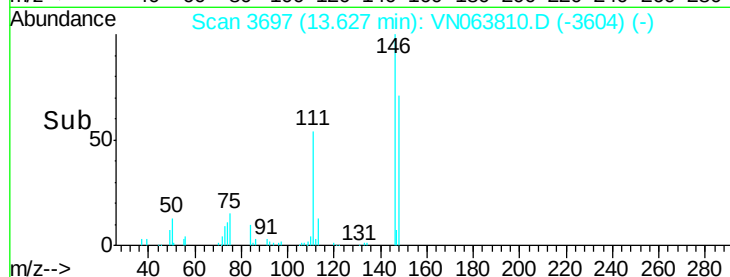
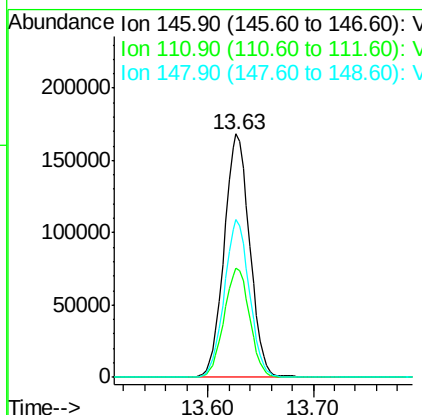
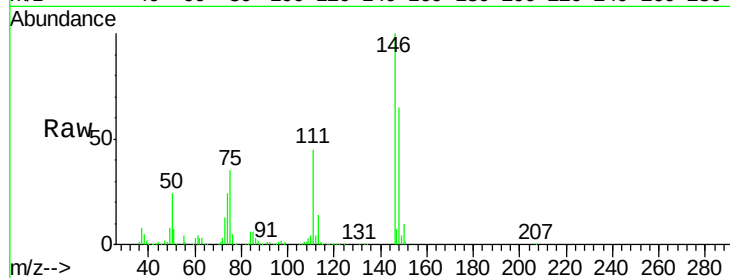
#91
 1,2-Dichlorobenzene
 Concen: 50.703 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.8	22.2	66.6
148	63.7	32.5	97.4

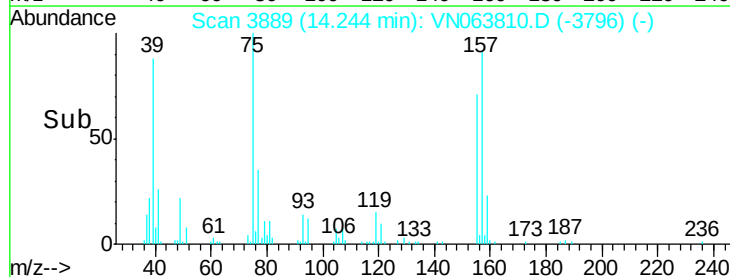
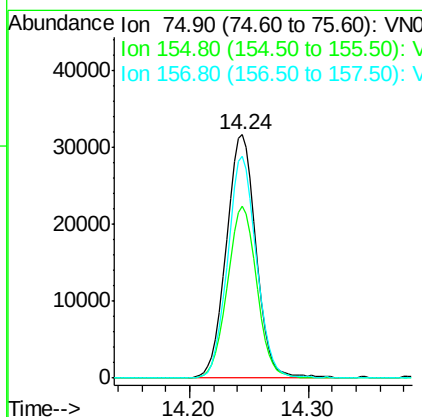
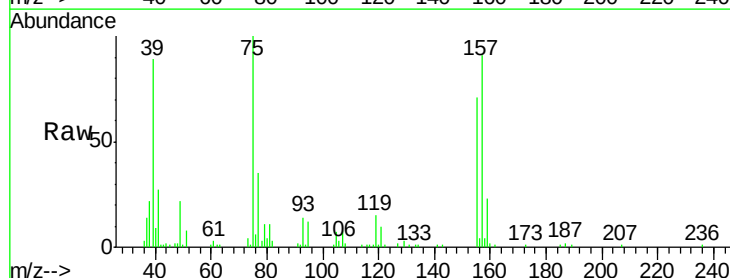
Manual Integrations
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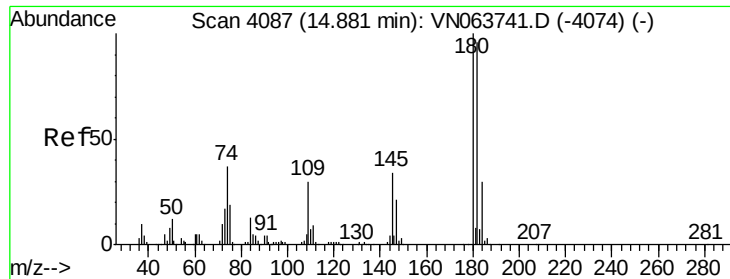
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.476 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.6	34.8	104.5
157	88.2	43.7	131.1





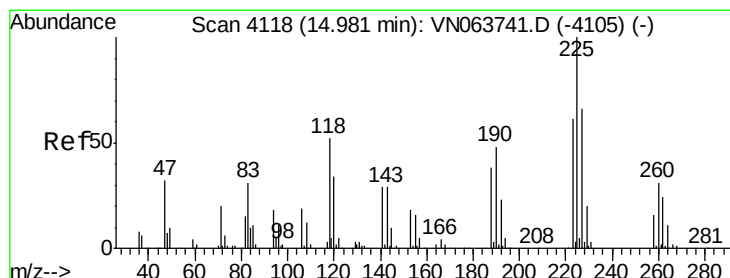
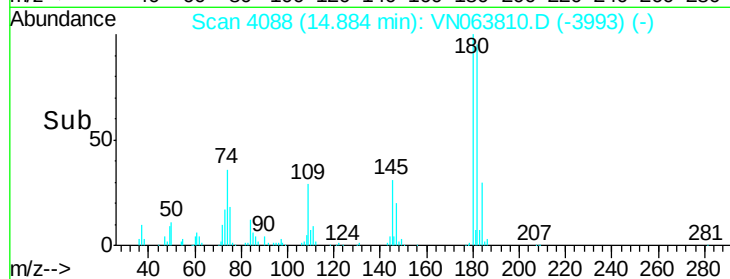
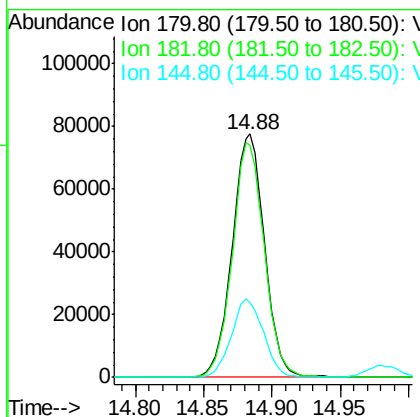
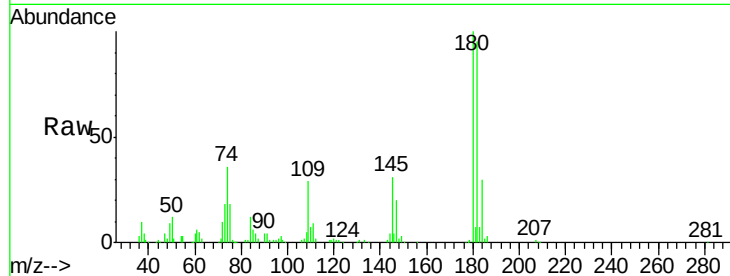
#93
 1,2,4-Trichlorobenzene
 Concen: 42.387 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127230		
182	95.7	48.2	144.6	
145	32.2	17.1	51.2	

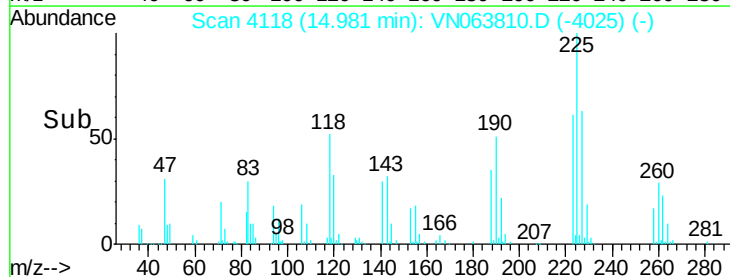
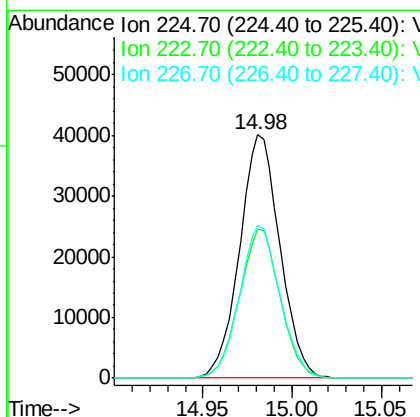
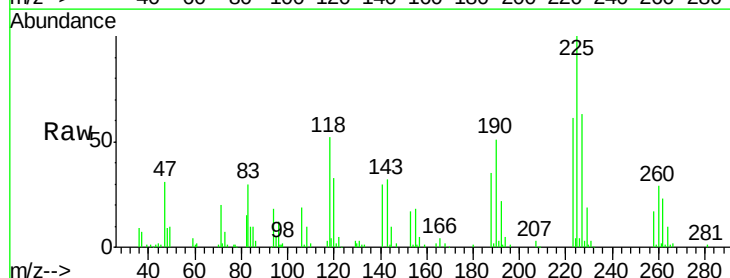
Manual Integrations
 APPROVED

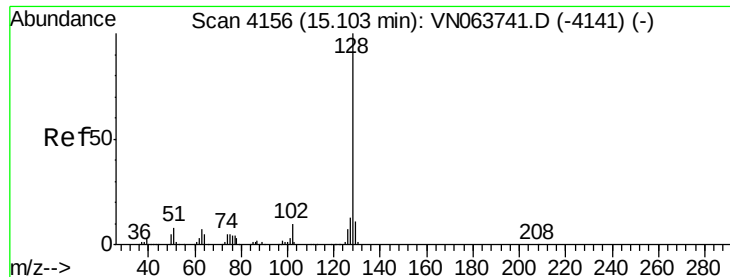
MMDadoda
 10/2/2020 3:12:27 PM



#94
 Hexachlorobutadiene
 Concen: 42.104 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063810.D
 Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	63410		
223	61.8	30.3	91.0	
227	62.9	31.9	95.5	





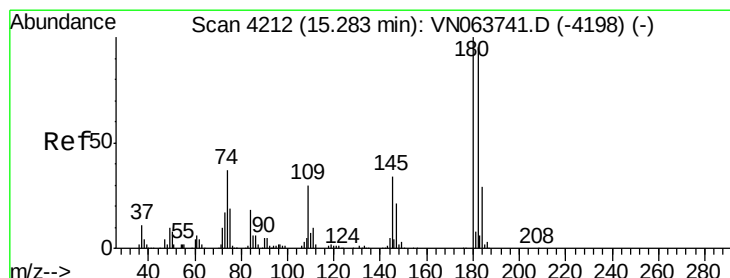
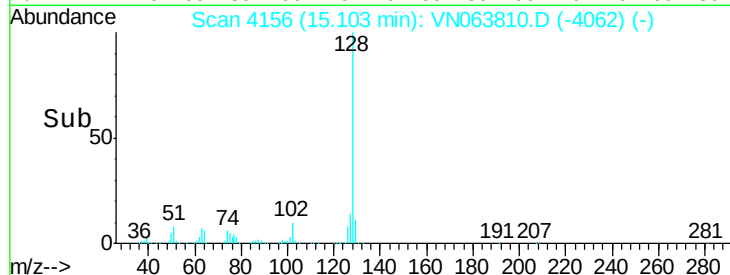
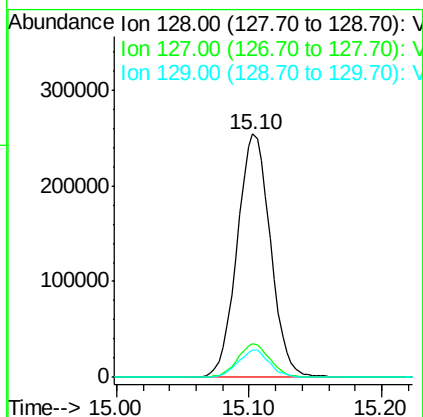
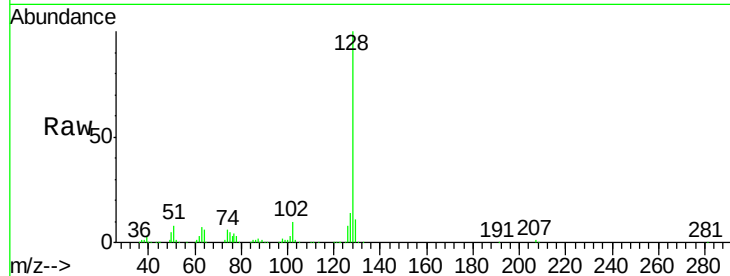
#95
Naphthalene
Concen: 47.497 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/2/2020 3:12:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 44.253 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063810.D
Acq: 2 Oct 2020 7:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.9	143.6
145	34.4	17.2	51.5

