

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100220\
 Data File : VN063838.D
 Acq On : 2 Oct 2020 22:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:35:33 PM

Quant Time: Oct 05 07:15:57 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	7.63	168	241623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	401100	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	386444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189410	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	206471	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.55	113	139462	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
50) Toluene-d8	10.06	98	523644	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
62) 4-Bromofluorobenzene	12.38	95	198122	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	123891	48.594	ug/l	99
3) Chloromethane	2.04	50	142945	47.784	ug/l	98
4) Vinyl Chloride	2.16	62	146098	48.653	ug/l	99
5) Bromomethane	2.52	94	94971	50.281	ug/l	96
6) Chloroethane	2.67	64	96672	53.875	ug/l	100
7) Trichlorofluoromethane	2.98	101	242580	50.935	ug/l	100
8) Diethyl Ether	3.37	74	83992	52.148	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	126939	49.868	ug/l	99
10) Methyl Iodide	3.91	142	164853	55.777	ug/l	100
11) Tert butyl alcohol	4.73	59	151317	343.352	ug/l	100
12) 1,1-Dichloroethene	3.69	96	123768	50.868	ug/l	96
13) Acrolein	3.57	56	72687	268.733	ug/l	98
14) Allyl chloride	4.28	41	237775	52.603	ug/l	98
15) Acrylonitrile	4.93	53	378853	300.321	ug/l	99
16) Acetone	3.77	43	361535	294.218	ug/l	98
17) Carbon Disulfide	4.01	76	324394	49.338	ug/l	100
18) Methyl Acetate	4.28	43	192198	60.242	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	486237	55.006	ug/l	98
20) Methylene Chloride	4.51	84	152006	53.999	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	139309	51.117	ug/l	93
22) Diisopropyl ether	5.90	45	523776	56.320	ug/l	99
23) Vinyl Acetate	5.84	43	2217679	287.868	ug/l	99
24) 1,1-Dichloroethane	5.80	63	281026	52.849	ug/l	100
25) 2-Butanone	6.78	43	555522	318.875	ug/l	100
26) 2,2-Dichloropropane	6.78	77	210153	43.156	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	160436	51.186	ug/l	99
28) Bromochloromethane	7.15	49	145660	55.422	ug/l	99
29) Tetrahydrofuran	7.17	42	367723	314.713	ug/l	100
30) Chloroform	7.33	83	298951	53.919	ug/l	95
31) Cyclohexane	7.61	56	220505	47.582	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	268698	53.729	ug/l	100
36) 1,1-Dichloropropene	7.75	75	208636	51.343	ug/l	98
37) Ethyl Acetate	6.88	43	235051	58.222	ug/l	99
38) Carbon Tetrachloride	7.73	117	232531	51.031	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	189963	46.878	ug/l	98
40) Benzene	8.00	78	610692	52.617	ug/l	98
41) Methacrylonitrile	7.13	41	103654m	57.769	ug/l	
42) 1,2-Dichloroethane	8.09	62	266878	53.867	ug/l	100
43) Isopropyl Acetate	8.13	43	390378	58.623	ug/l	99
44) Trichloroethene	8.80	130	152140	50.029	ug/l	98
45) 1,2-Dichloropropane	9.08	63	171352	54.666	ug/l	99
46) Dibromomethane	9.18	93	115790	53.548	ug/l	100
47) Bromodichloromethane	9.37	83	238815	53.588	ug/l	99
48) Methyl methacrylate	9.17	41	202816	61.646	ug/l	94
49) 1,4-Dioxane	9.17	88	63291	1353.566	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	1245566	318.731	ug/l	99
52) Toluene	10.13	92	382867	53.331	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	256517	53.697	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	263965	52.835	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	157349	54.654	ug/l	99
56) Ethyl methacrylate	10.40	69	239865	58.777	ug/l	97
57) 1,3-Dichloropropane	10.68	76	272439	55.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	631454	289.270	ug/l	99
59) 2-Hexanone	10.72	43	922788	317.871	ug/l	99
60) Dibromochloromethane	10.87	129	182105	54.313	ug/l	99
61) 1,2-Dibromoethane	10.98	107	164866	55.981	ug/l	99
64) Tetrachloroethene	10.60	164	140328	46.936	ug/l	99
65) Chlorobenzene	11.41	112	404051	50.970	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	159243	52.399	ug/l	99
67) Ethyl Benzene	11.49	91	744867	51.639	ug/l	100
68) m/p-Xylenes	11.59	106	555408	103.312	ug/l	99
69) o-Xylene	11.92	106	267134	53.163	ug/l	99
70) Styrene	11.94	104	463947	54.394	ug/l	99
71) Bromoform	12.10	173	127351	54.791	ug/l #	97
73) Isopropylbenzene	12.23	105	708270	51.267	ug/l	99
74) N-amyl acetate	12.04	43	359036	55.652	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	237037	56.108	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	225247m	53.947	ug/l	
77) Bromobenzene	12.50	156	176126	51.955	ug/l	98
78) n-propylbenzene	12.57	91	822182	51.136	ug/l	100
79) 2-Chlorotoluene	12.65	91	510961	51.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	601289	51.878	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	75569	52.128	ug/l	93
82) 4-Chlorotoluene	12.75	91	528386	51.473	ug/l	99
83) tert-Butylbenzene	12.97	119	483865	51.037	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	609460	52.667	ug/l	99
85) sec-Butylbenzene	13.15	105	628958	50.509	ug/l	100
86) p-Isopropyltoluene	13.26	119	563816	51.181	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	314326	51.253	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	315424	49.396	ug/l	99
89) n-Butylbenzene	13.59	91	467548	45.985	ug/l	100
90) Hexachloroethane	13.85	117	108465	50.811	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	315811	51.990	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	57251	57.785	ug/l	97

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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	143240	43.596	ug/l	99
94) Hexachlorobutadiene	14.98	225	78792	47.842	ug/l	98
95) Naphthalene	15.10	128	461125	45.307	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	142086	44.529	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 241623

Ion Ratio Lower Upper

168 100

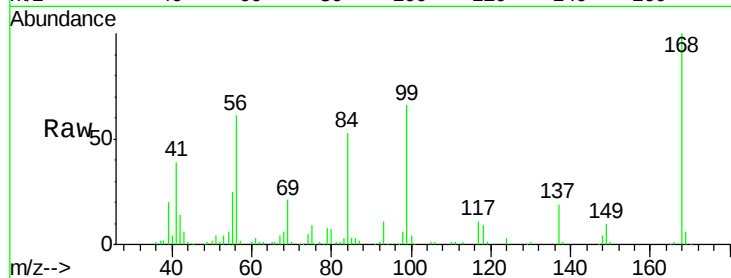
99 65.0 51.8 77.6

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

7.63

100000

80000

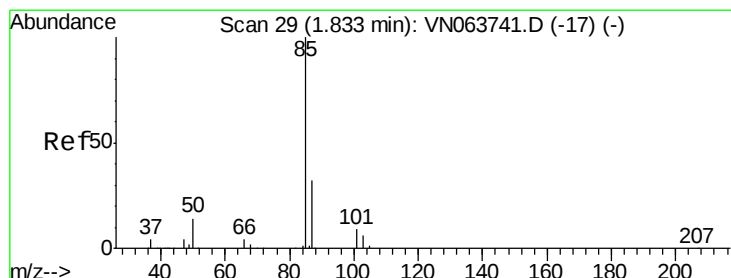
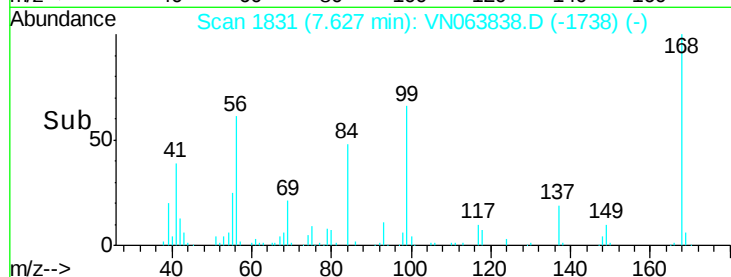
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 48.594 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN063838.D

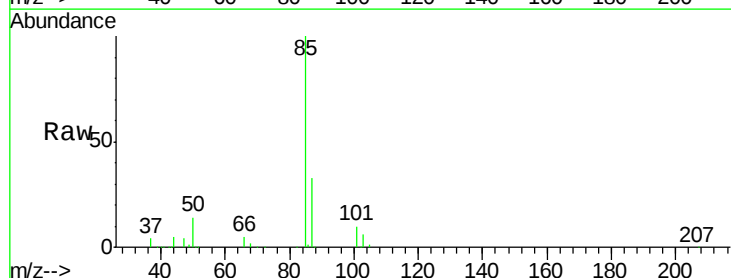
Acq: 2 Oct 2020 22:20

Tgt Ion: 85 Resp: 123891

Ion Ratio Lower Upper

85 100

87 32.5 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

100000

80000

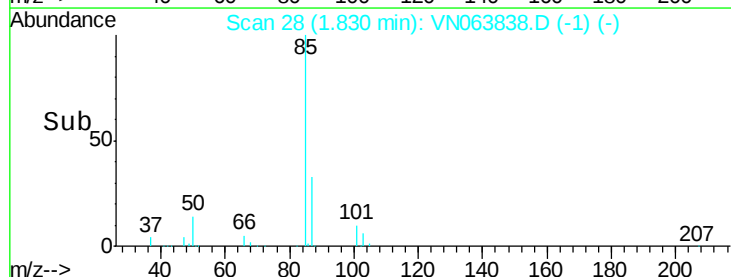
60000

40000

20000

0

Time--> 1.75 1.80 1.85 1.90





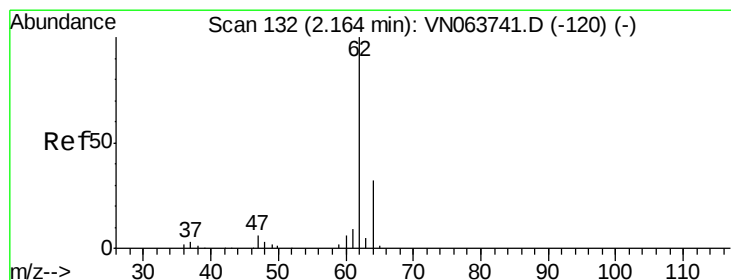
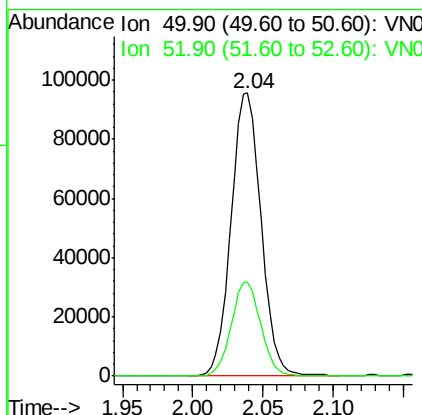
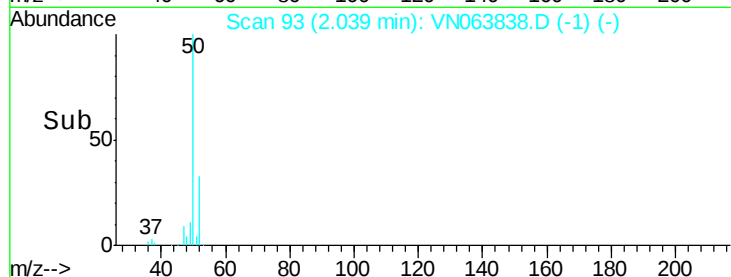
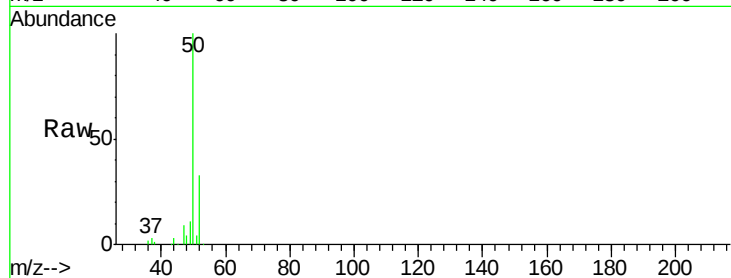
#3
Chloromethane
Concen: 47.784 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.4	25.8	38.8

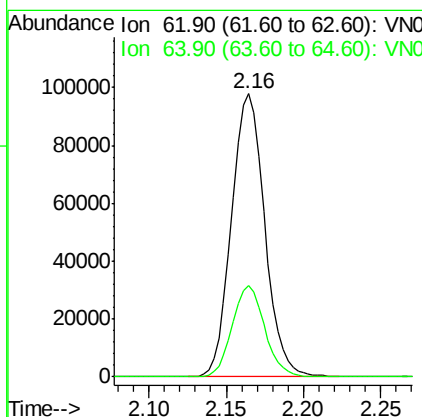
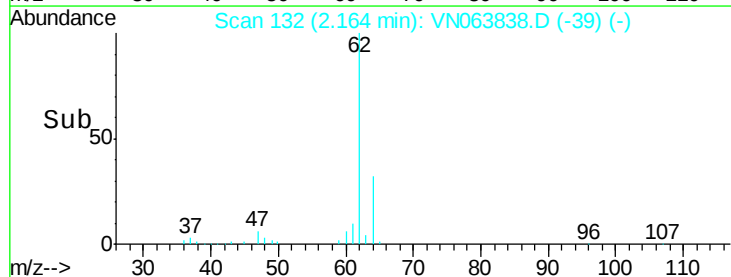
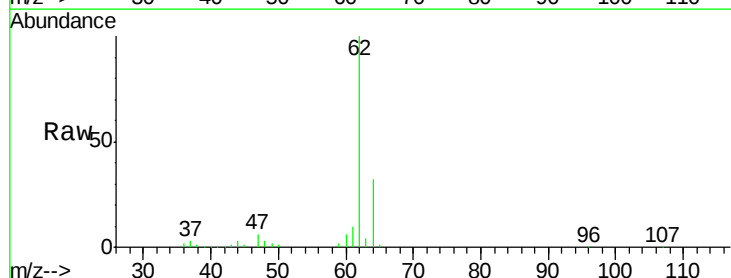
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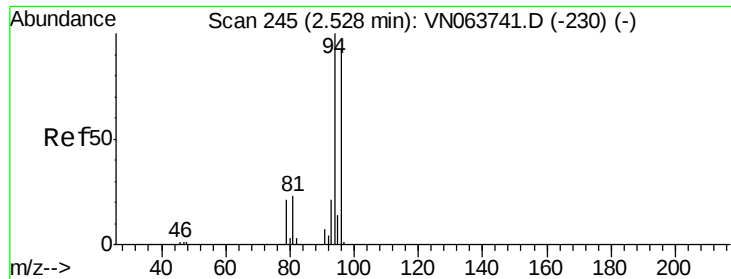
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#4
Vinyl Chloride
Concen: 48.653 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.4	25.6	38.4





#5

Bromomethane

Concen: 50.281 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 94971

Ion Ratio Lower Upper

94 100

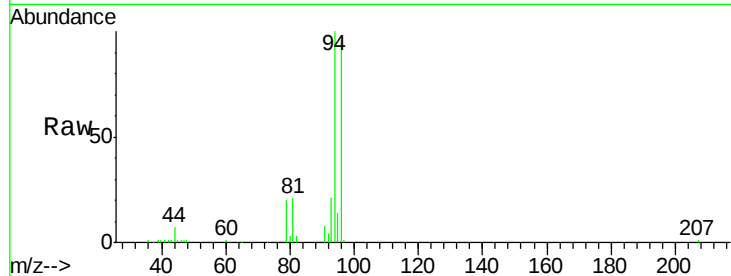
96 95.6 73.3 109.9

Manual Integrations

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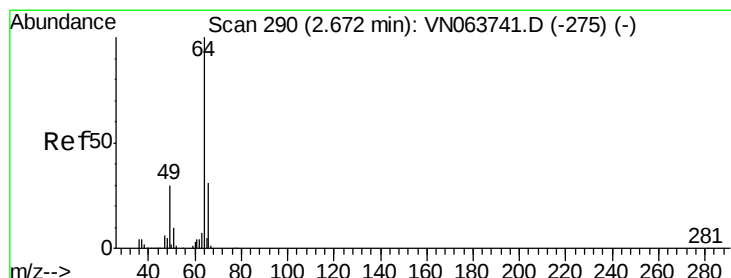
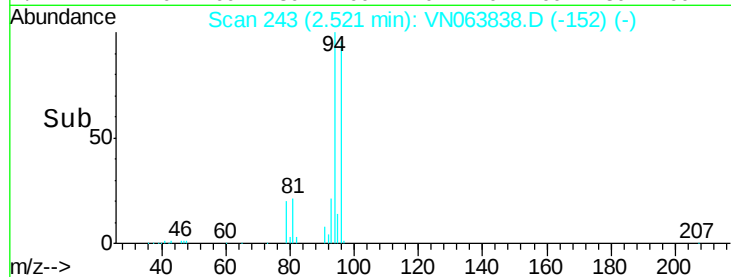
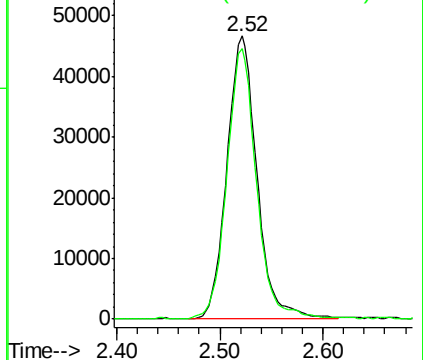
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 53.875 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN063838.D

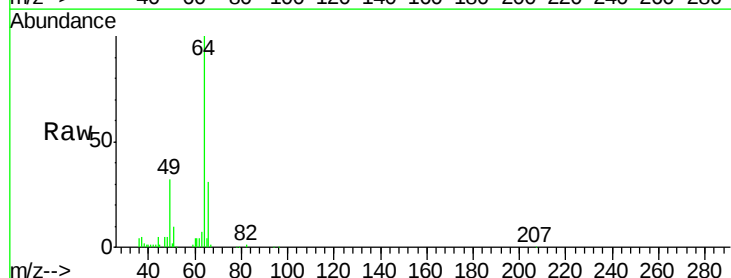
Acq: 2 Oct 2020 22:20

Tgt Ion: 64 Resp: 96672

Ion Ratio Lower Upper

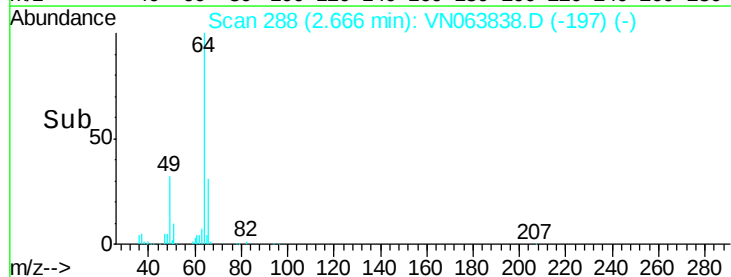
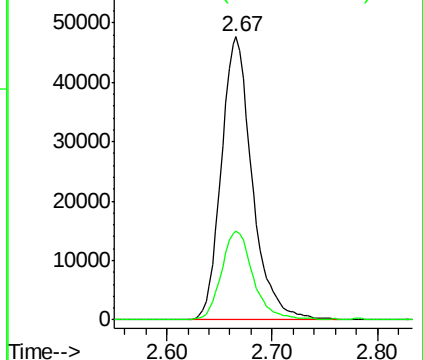
64 100

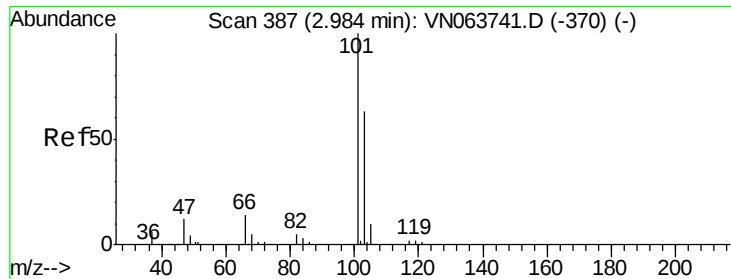
66 31.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

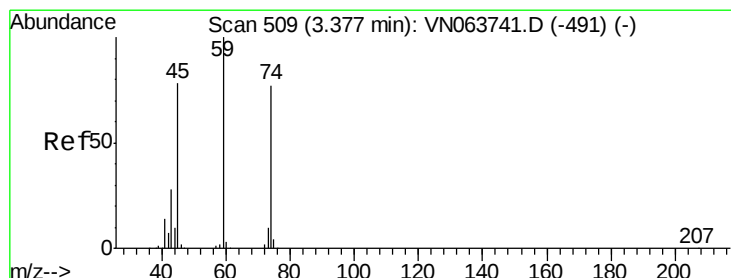
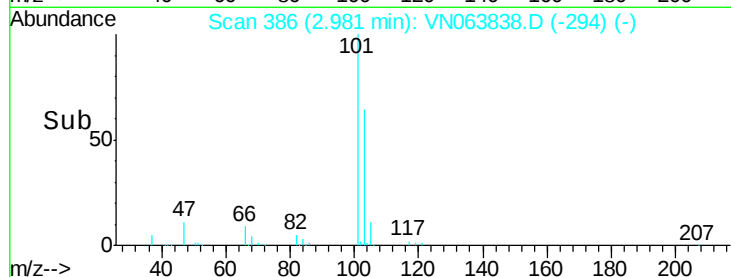
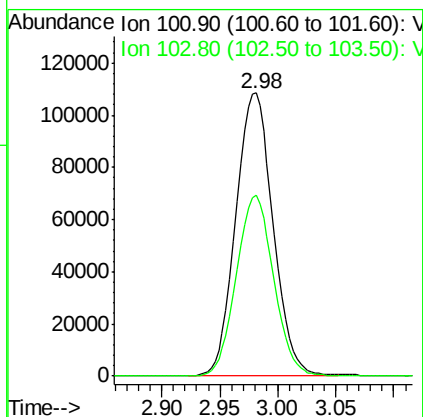
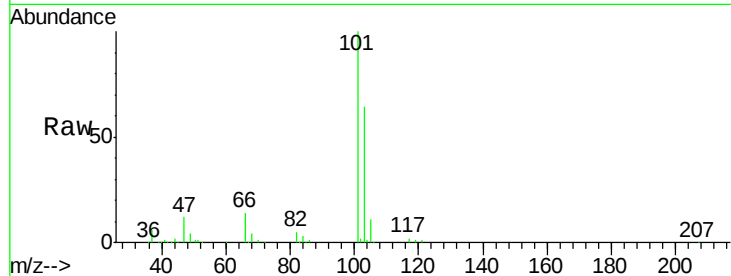
Trichlorofluoromethane
 Concen: 50.935 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

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 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	50.7	76.1

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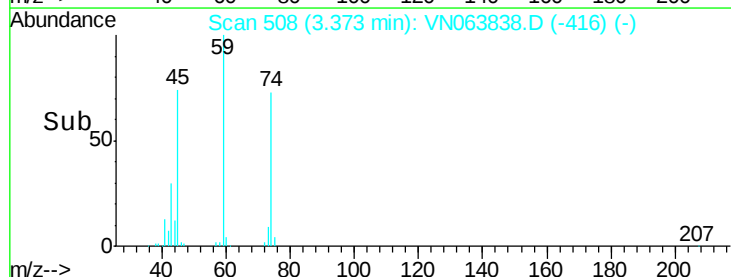
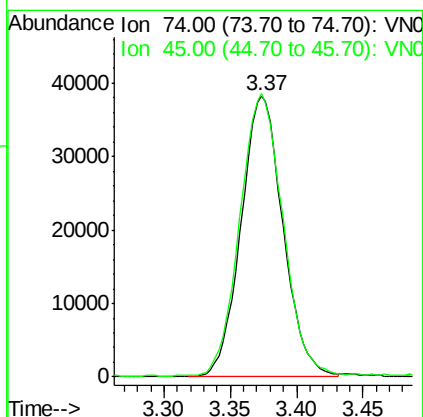
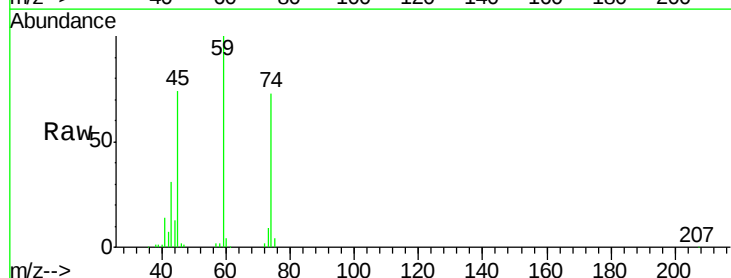
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 10/5/2020 5:35:33 PM

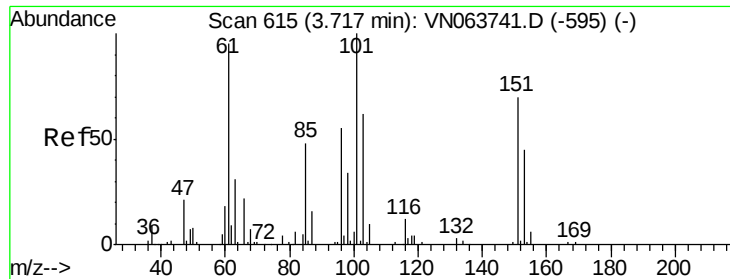


#8

Diethyl Ether
 Concen: 52.148 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.4	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.868 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

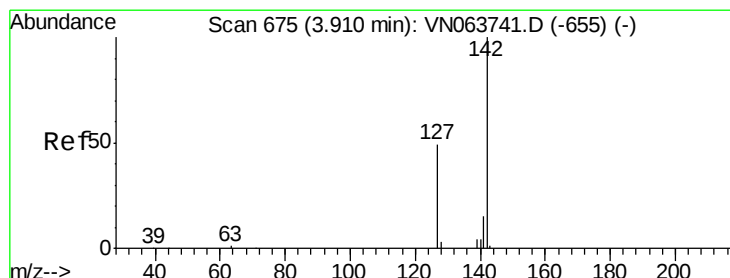
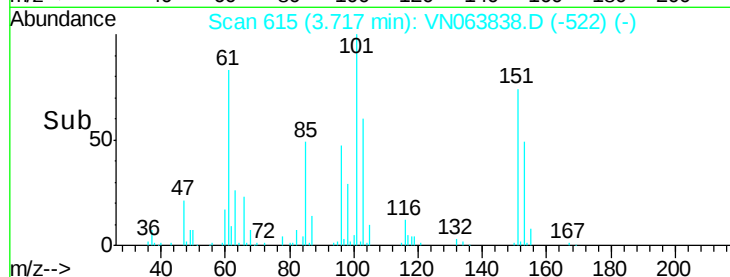
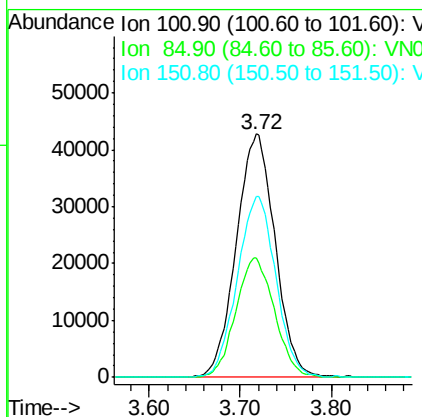
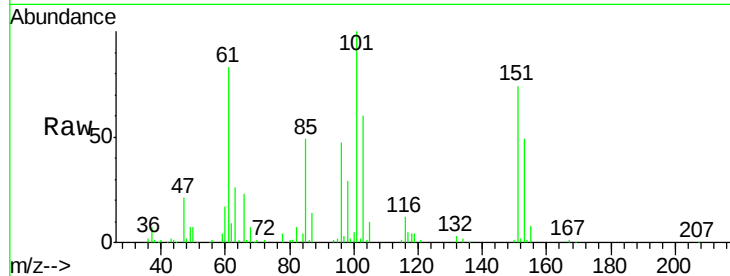
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	126939
Ion Ratio	Lower	Upper	
101	100		
85	48.8	38.6	58.0
151	73.7	58.7	88.1

Manual Integrations
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#10

Methyl Iodide

Concen: 55.777 ug/l

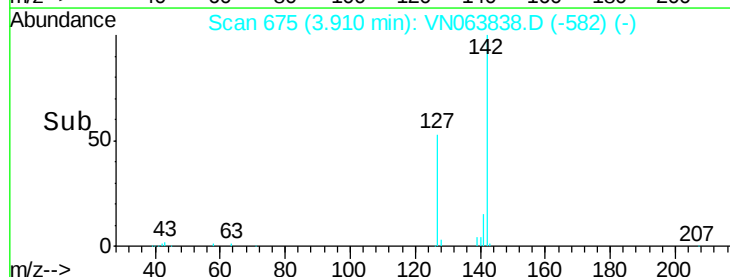
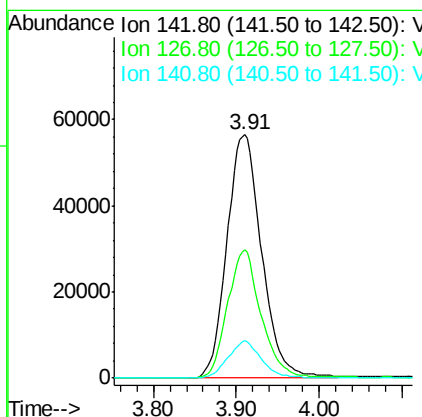
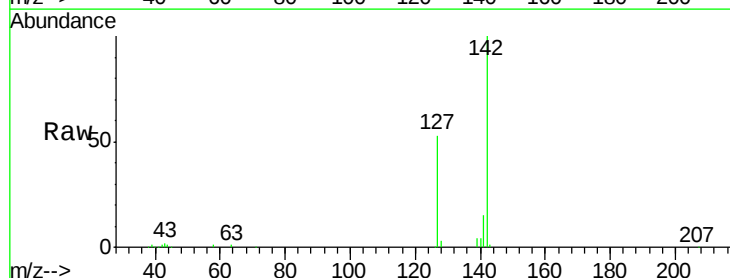
RT: 3.91 min Scan# 675

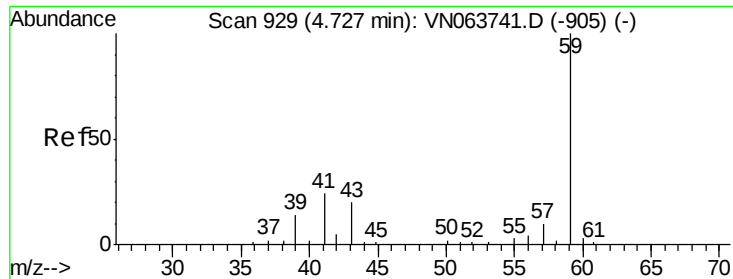
Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Tgt Ion:	142	Resp:	164853
Ion Ratio	Lower	Upper	
142	100		
127	50.7	40.5	60.7
141	14.6	11.7	17.5





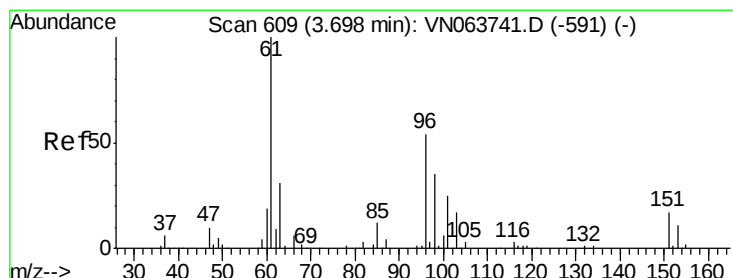
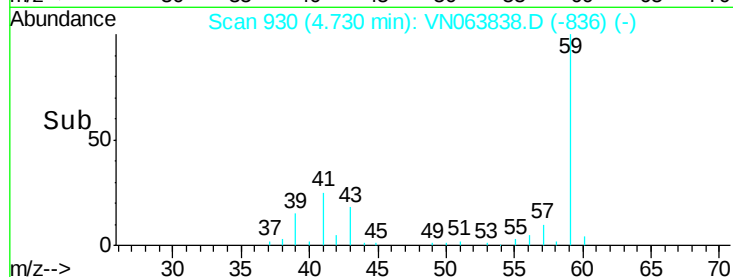
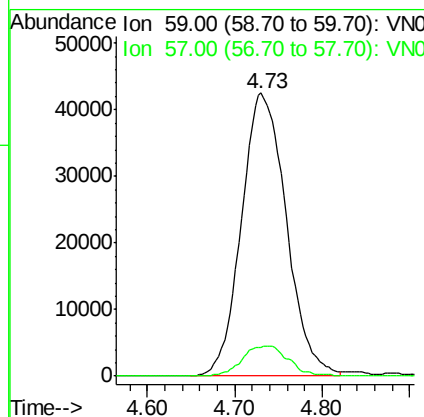
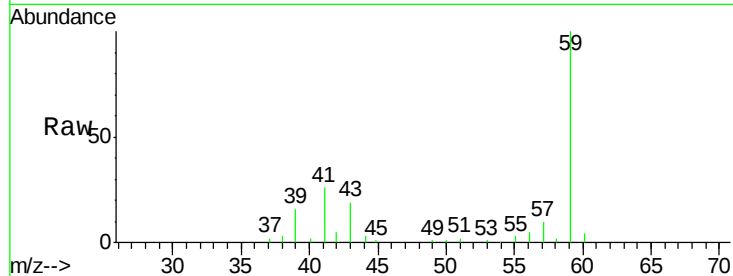
#11
Tert butyl alcohol
Concen: 343.352 ug/l
RT: 4.73 min Scan# 930
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 151317
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

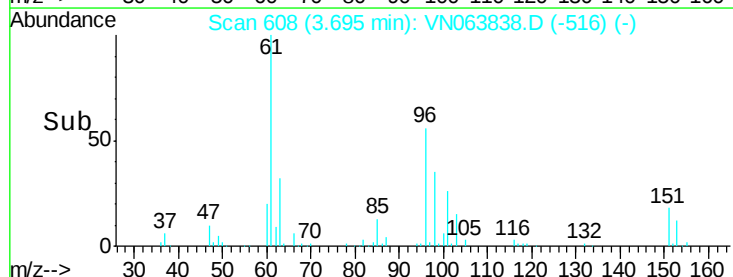
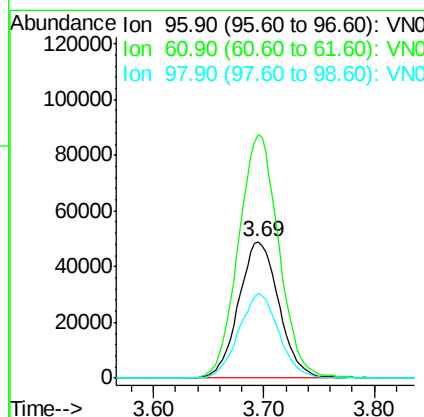
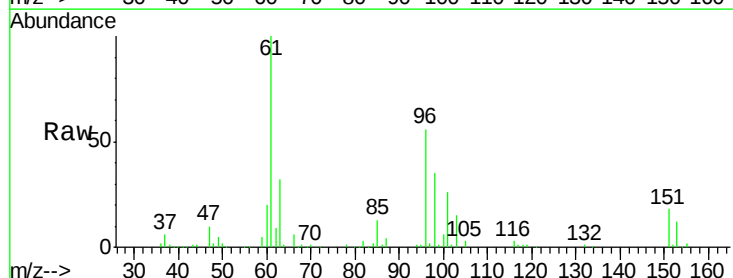
Manual Integrations
APPROVED

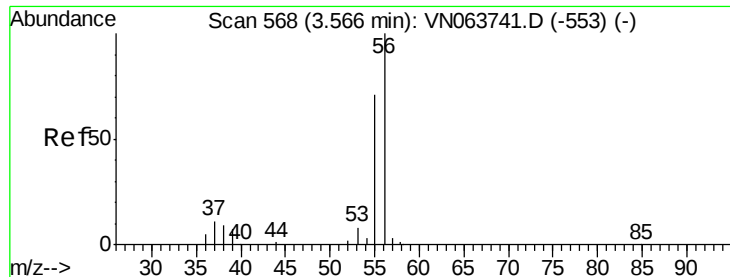
MMDadoda
10/5/2020 5:35:33 PM



#12
1,1-Dichloroethene
Concen: 50.868 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 96 Resp: 123768
Ion Ratio Lower Upper
96 100
61 178.9 147.7 221.5
98 62.0 51.9 77.9





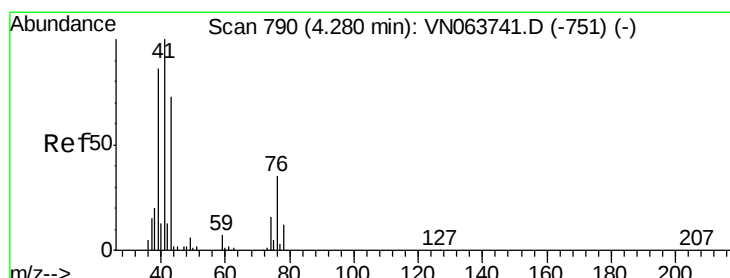
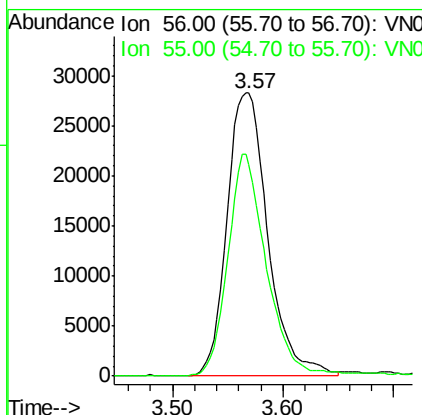
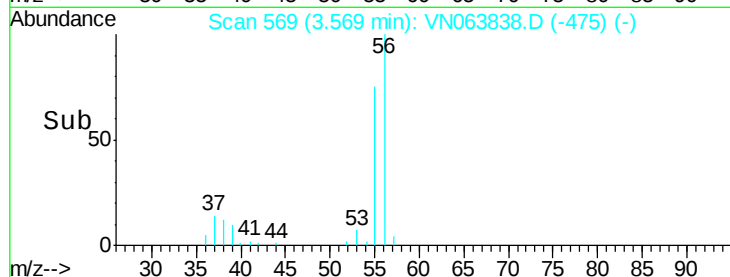
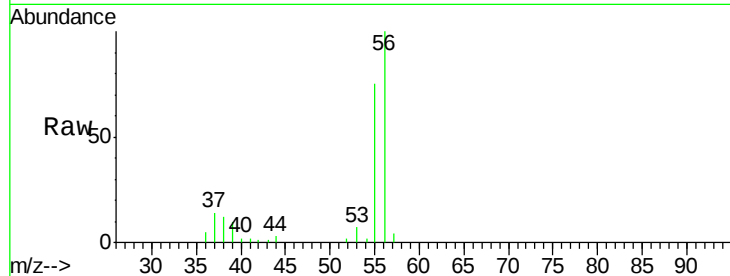
#13
Acrolein
Concen: 268.733 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.6	56.9	85.3	

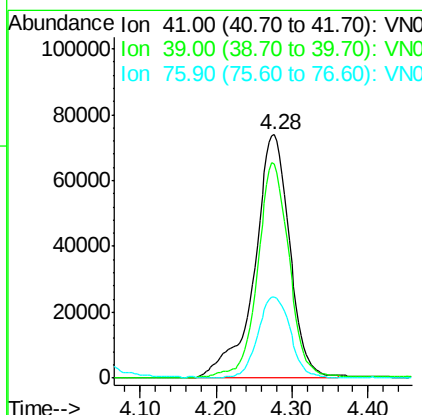
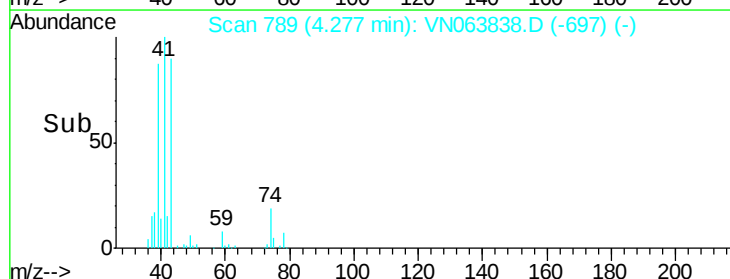
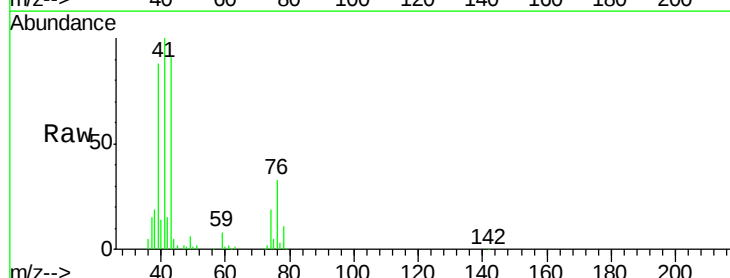
Manual Integrations
APPROVED

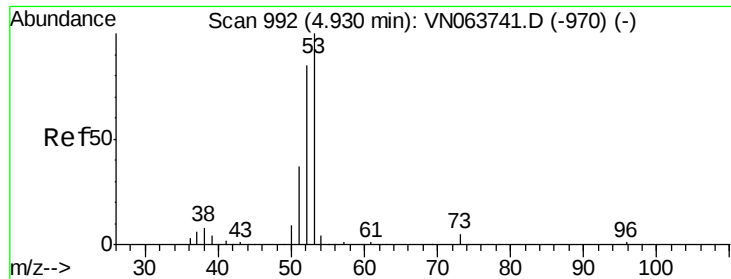
MMDadoda
10/5/2020 5:35:33 PM



#14
Allyl chloride
Concen: 52.603 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	79.2	64.5	96.7	
76	30.2	25.9	38.9	





#15

Acrylonitrile

Concen: 300.321 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

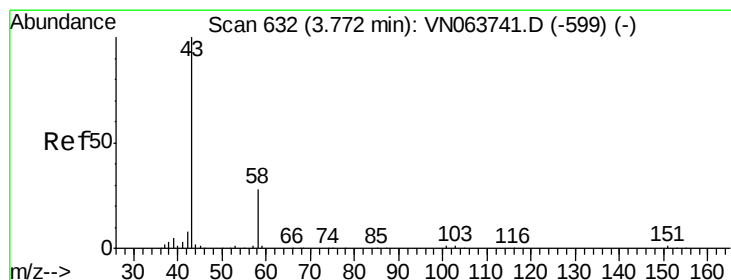
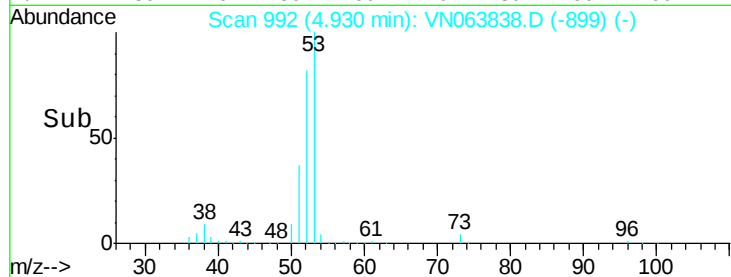
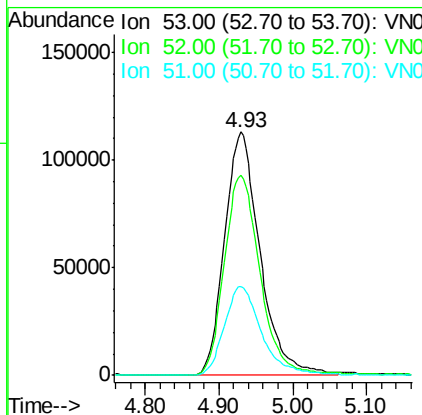
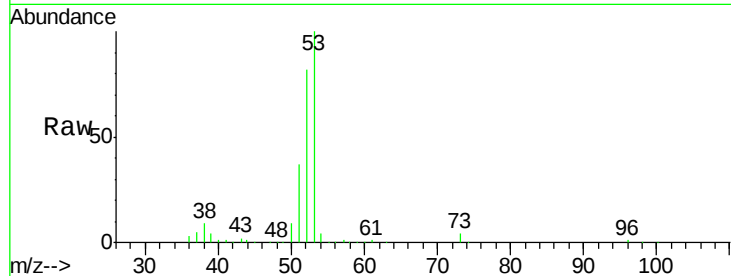
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	378853
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.5	99.7
51	38.5	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 294.218 ug/l

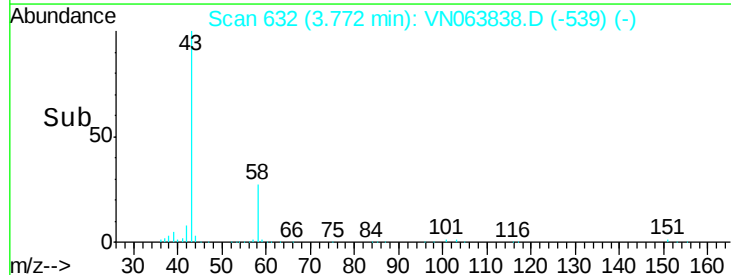
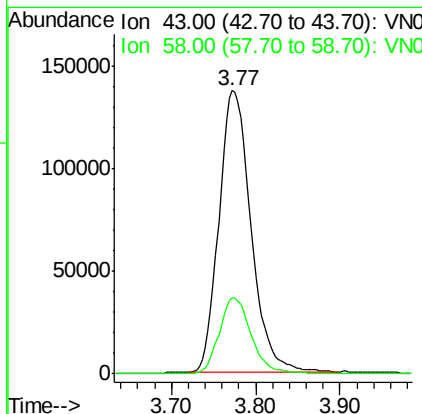
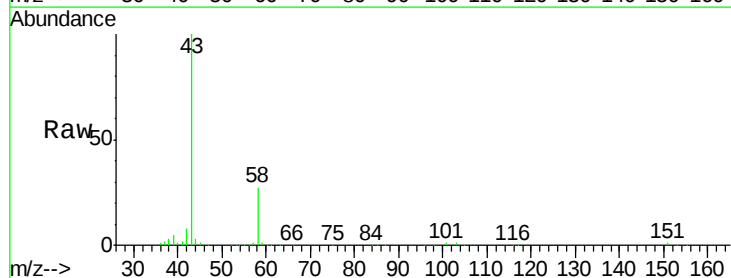
RT: 3.77 min Scan# 632

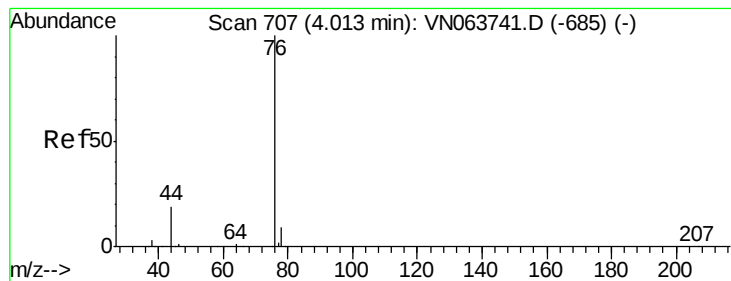
Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Tgt Ion:	43	Resp:	361535
Ion Ratio	Lower	Upper	
43	100		
58	26.8	22.3	33.5





#17

Carbon Disulfide

Concen: 49.338 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 324394

Ion Ratio Lower Upper

76 100

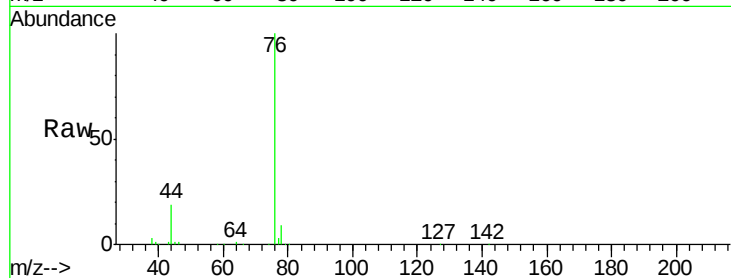
78 8.6 7.0 10.4

Manual Integrations

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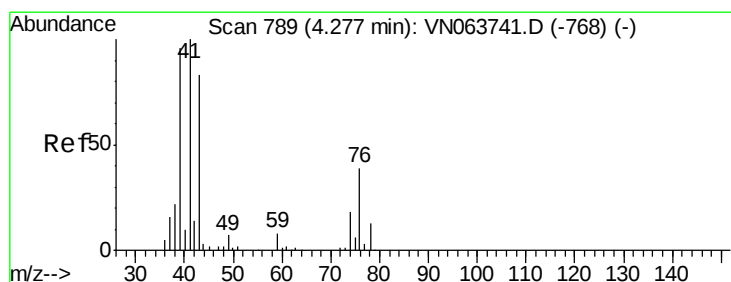
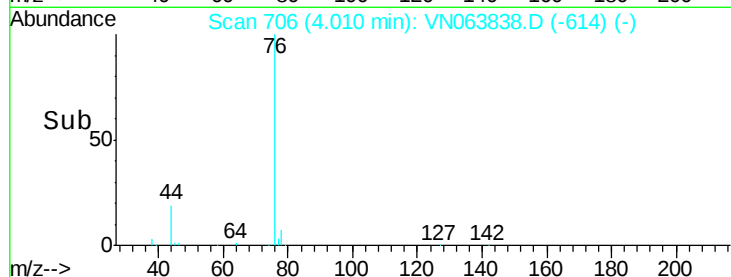
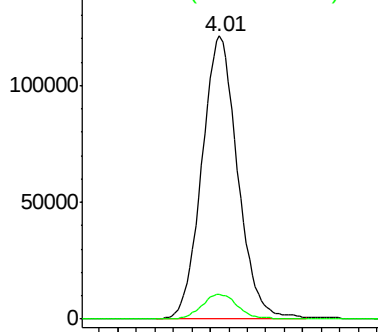
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 60.242 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063838.D

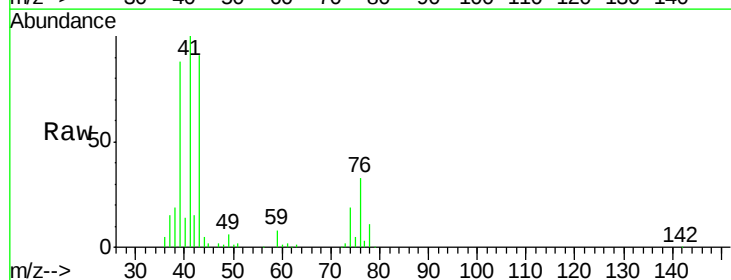
Acq: 2 Oct 2020 22:20

Tgt Ion: 43 Resp: 192198

Ion Ratio Lower Upper

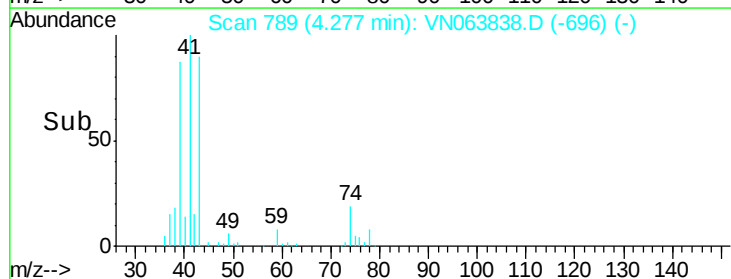
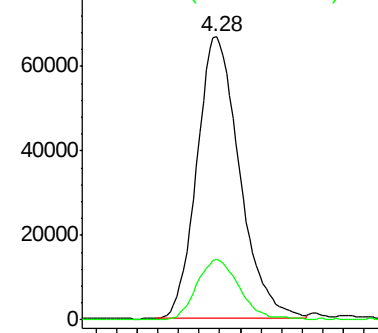
43 100

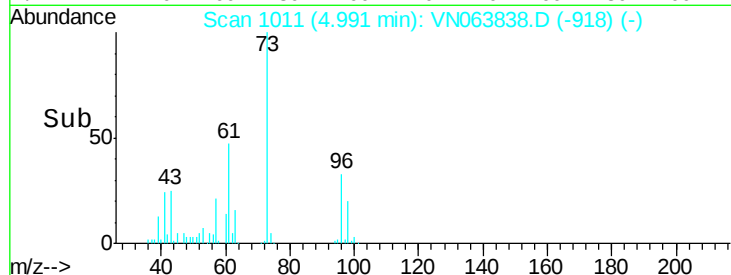
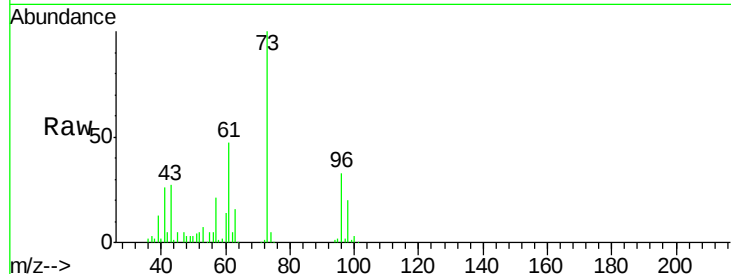
74 21.0 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC





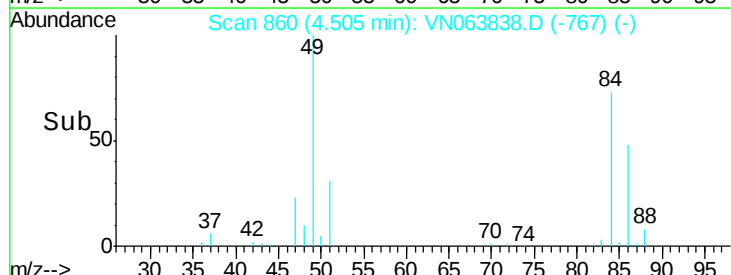
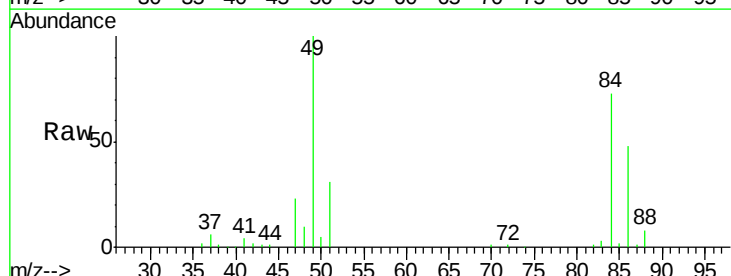
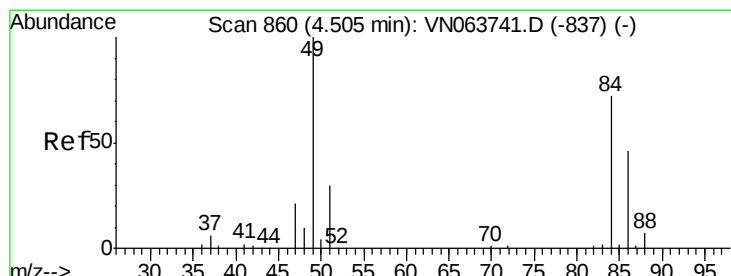
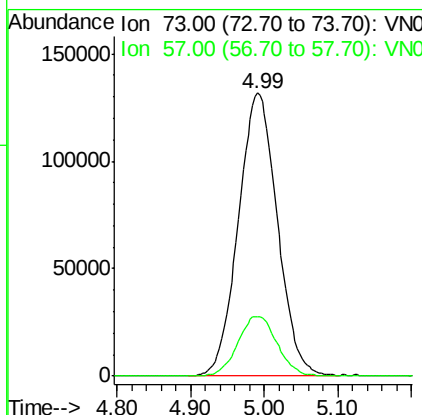
#19
Methyl tert-butyl Ether
Concen: 55.006 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tot Ion: 73 Resp: 486237
Ion Ratio Lower Upper
73 100
57 21.2 17.6 26.4

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

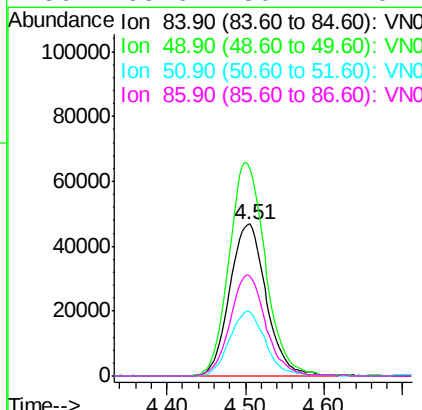
Manual Integrations
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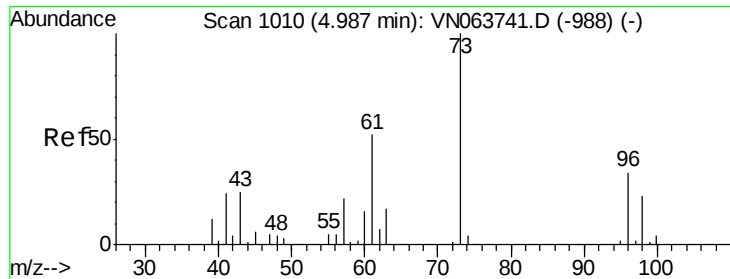
MMDadoda
10/5/2020 5:35:33 PM



#20
Methylene Chloride
Concen: 53.999 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 84 Resp: 152006
Ion Ratio Lower Upper
84 100
49 137.0 110.4 165.6
51 42.5 33.3 49.9
86 65.6 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 51.117 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 139309

Ion Ratio Lower Upper

96 100

61 141.9 120.2 180.2

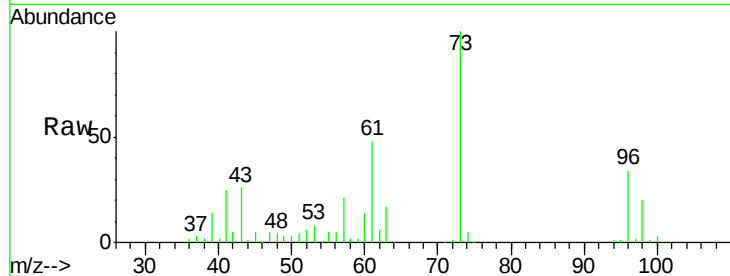
98 60.1 52.6 79.0

Manual Integrations

APPROVED

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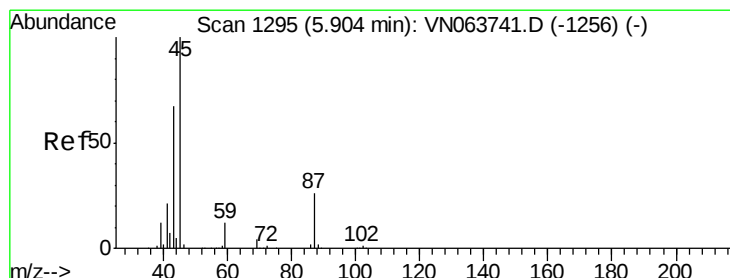
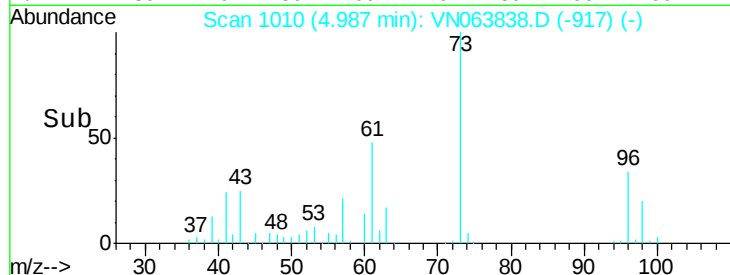
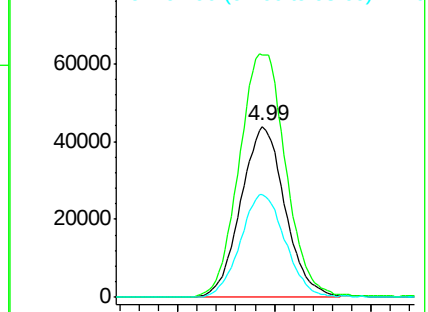


Abundance

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: 56.320 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Tgt Ion: 45 Resp: 523776

Ion Ratio Lower Upper

45 100

43 67.4 53.7 80.5

87 25.9 21.1 31.7

59 11.1 9.2 13.8

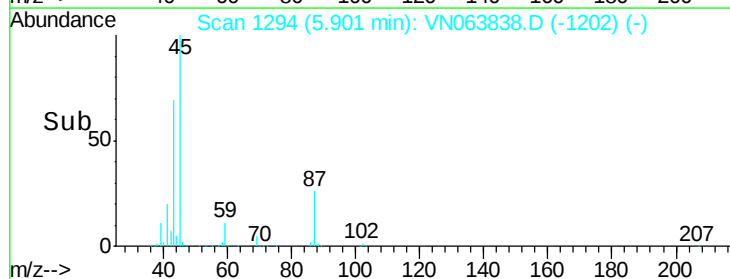
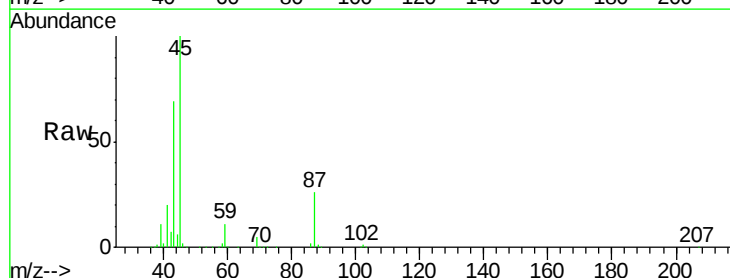
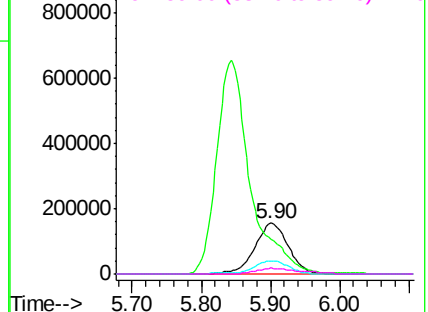
Abundance

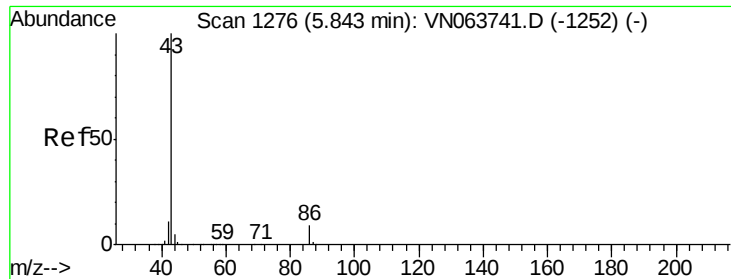
Ion 45.00 (44.70 to 45.70): VN0

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





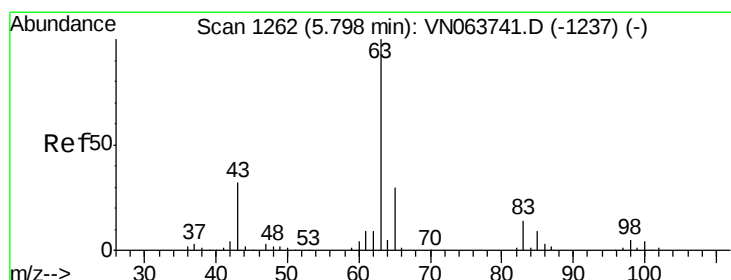
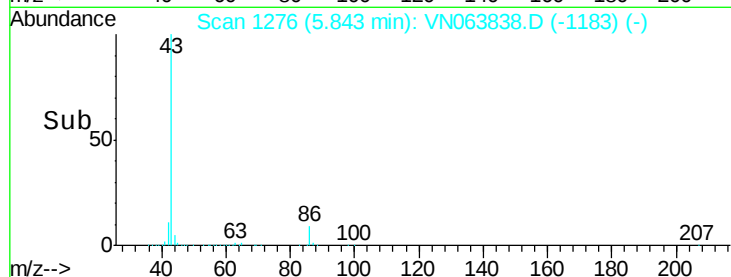
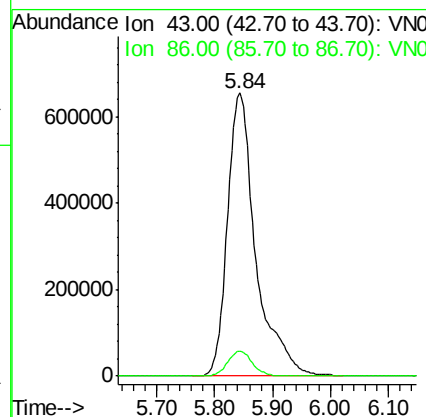
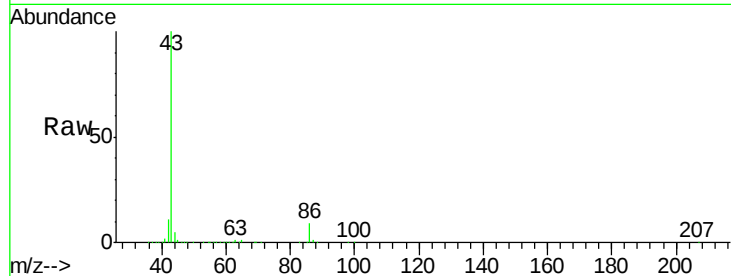
#23
 Vinyl Acetate
 Concen: 287.868 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2217679
 Ion Ratio Lower Upper
 43 100
 86 8.8 7.3 10.9

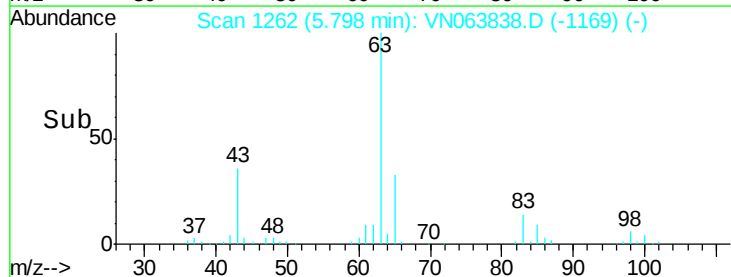
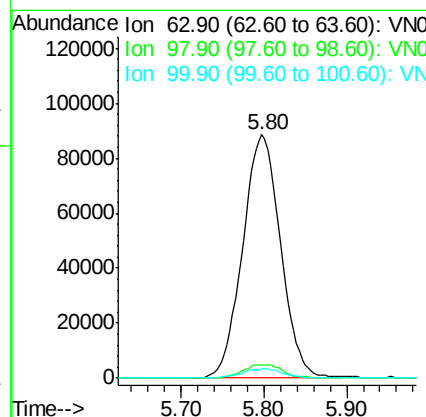
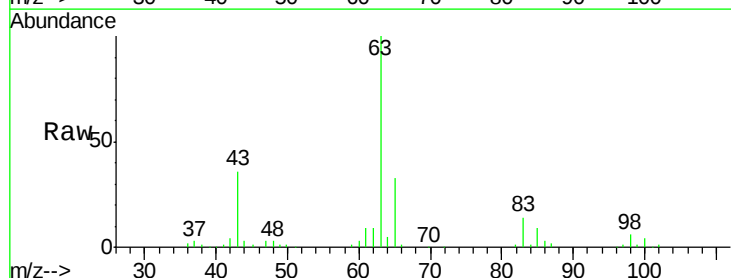
Manual Integrations
 APPROVED

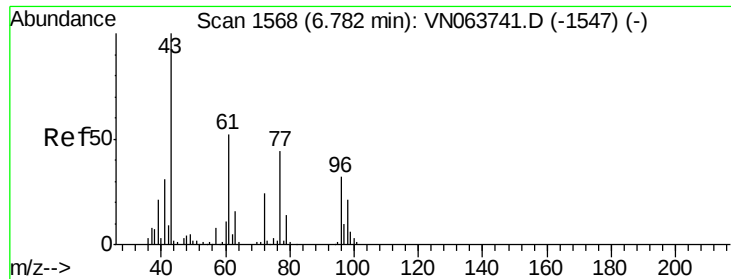
MMDadoda
 10/5/2020 5:35:33 PM



#24
 1,1-Dichloroethane
 Concen: 52.849 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 63 Resp: 281026
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.7 8.1
 100 3.7 1.9 5.7





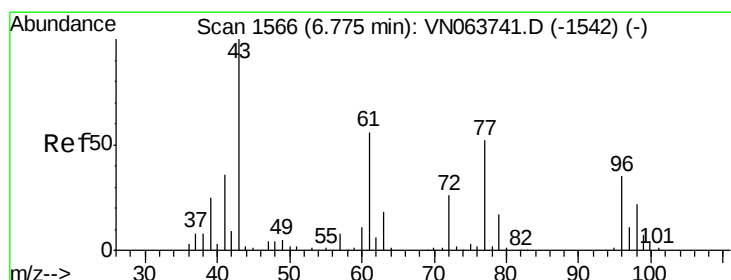
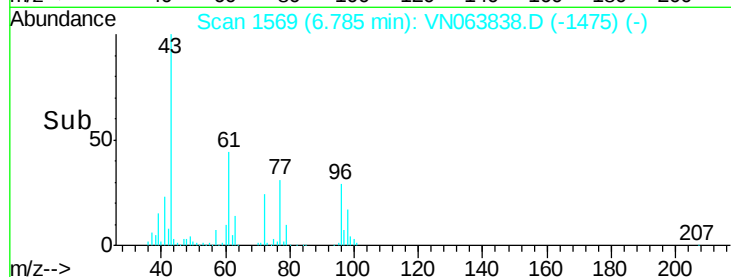
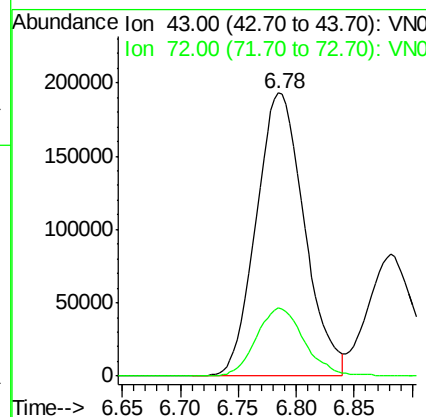
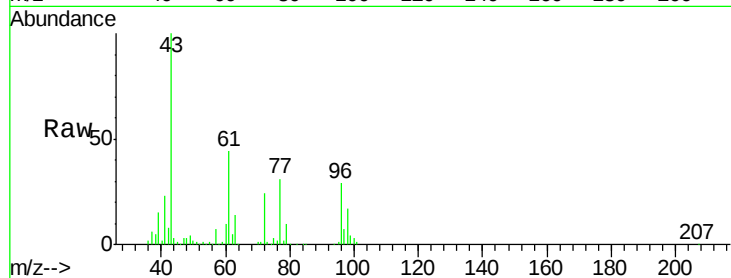
#25
 2-Butanone
 Concen: 318.875 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 55522
 Ion Ratio Lower Upper
 43 100
 72 24.1 19.3 28.9

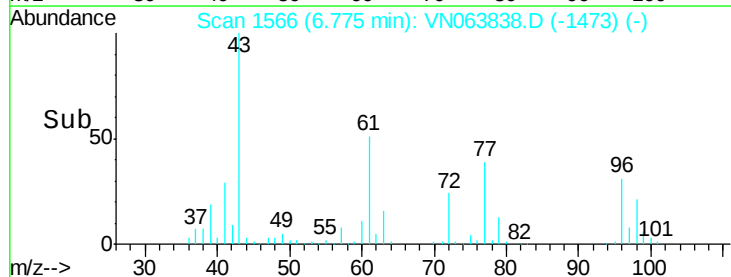
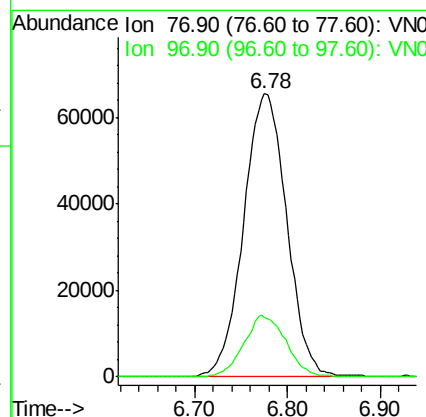
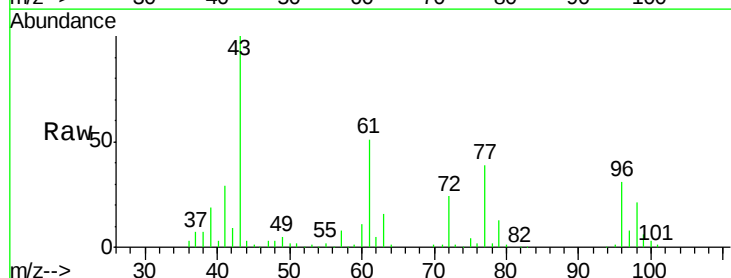
Manual Integrations
 APPROVED

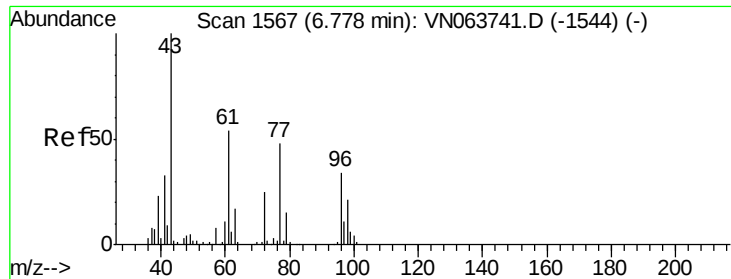
MMDadoda
 10/5/2020 5:35:33 PM



#26
 2,2-Dichloropropane
 Concen: 43.156 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion: 77 Resp: 210153
 Ion Ratio Lower Upper
 77 100
 97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 51.186 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

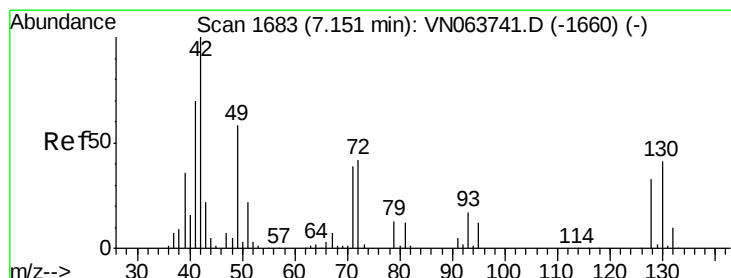
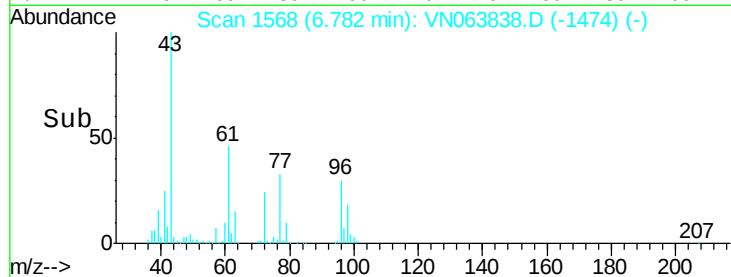
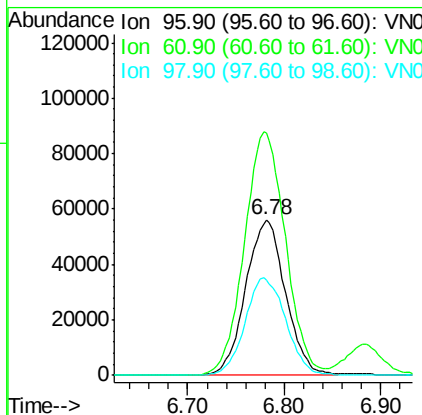
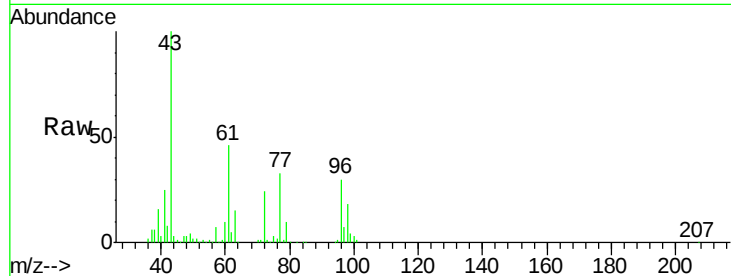
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	160436
Ion	Ratio	Lower	Upper
96	100		
61	161.3	0.0	321.2
98	64.1	0.0	124.4

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#28

Bromochloromethane

Concen: 55.422 ug/l

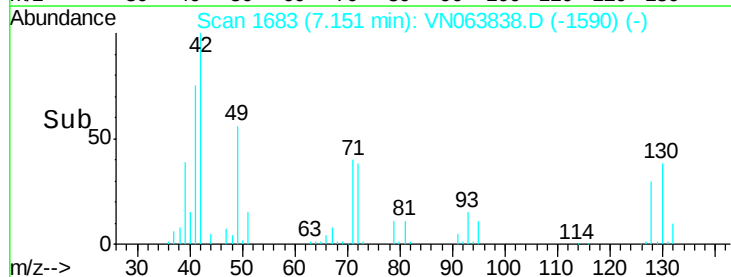
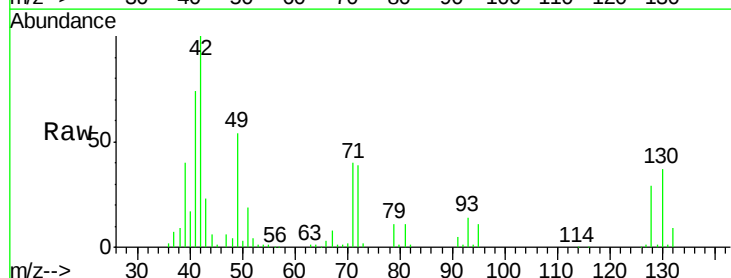
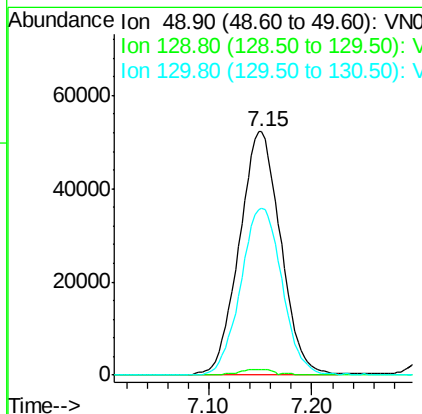
RT: 7.15 min Scan# 1683

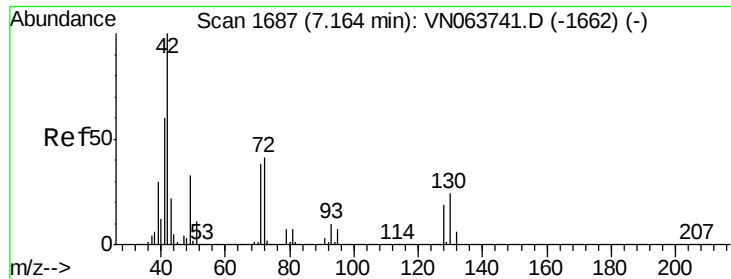
Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Tgt Ion:	49	Resp:	145660
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	68.4	55.6	83.4





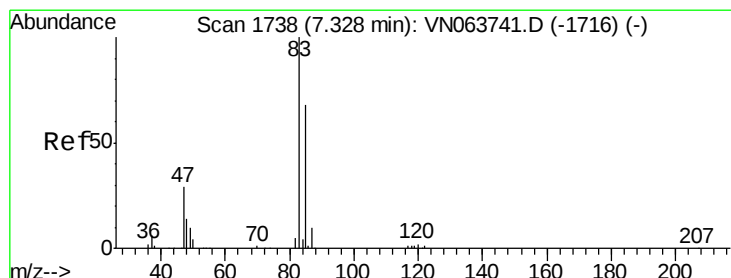
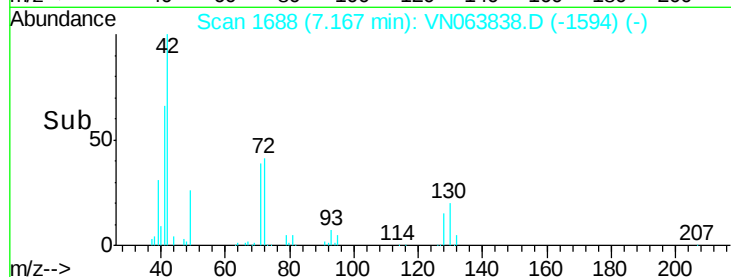
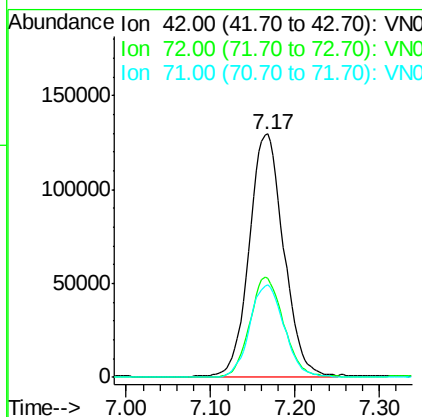
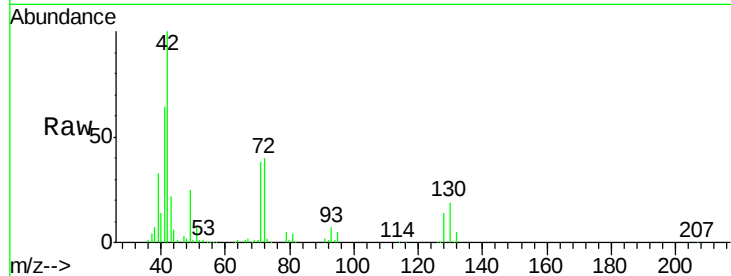
#29
Tetrahydrofuran
Concen: 314.713 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.8	49.2
71	38.4	30.6	45.8

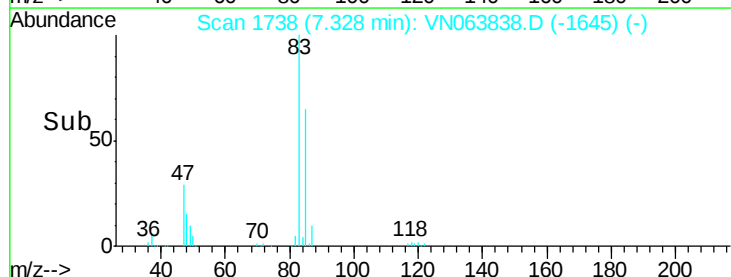
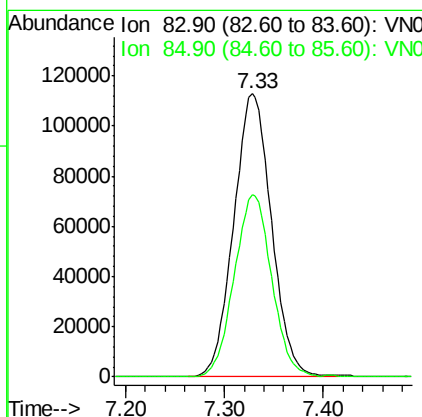
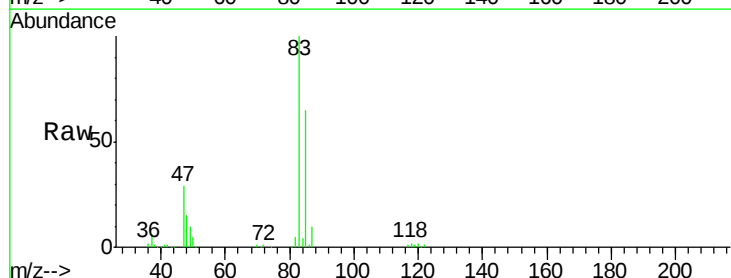
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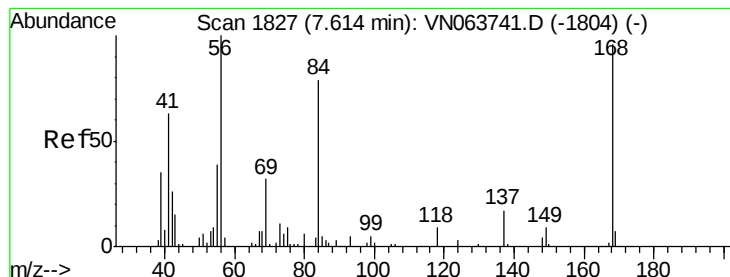
MMDadoda
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#30
Chloroform
Concen: 53.919 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	54.6	82.0





#31

Cyclohexane

Concen: 47.582 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

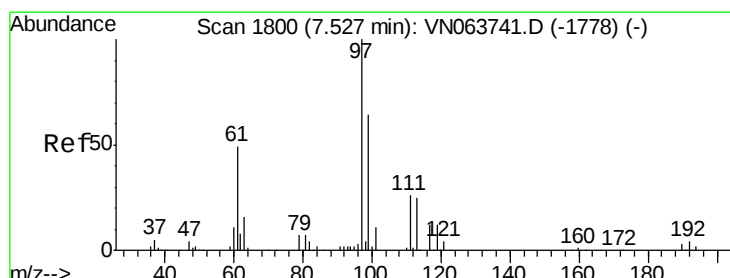
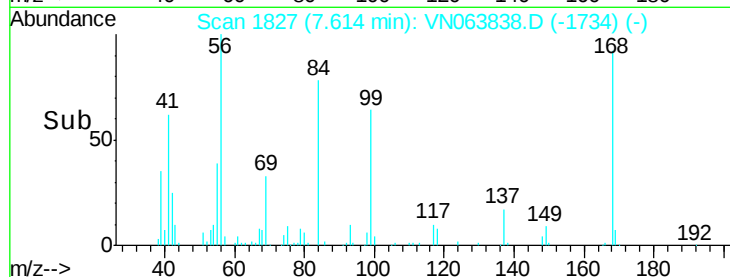
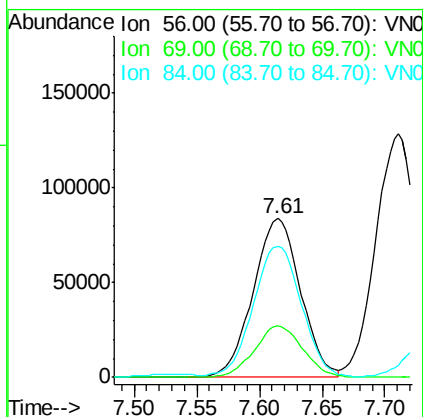
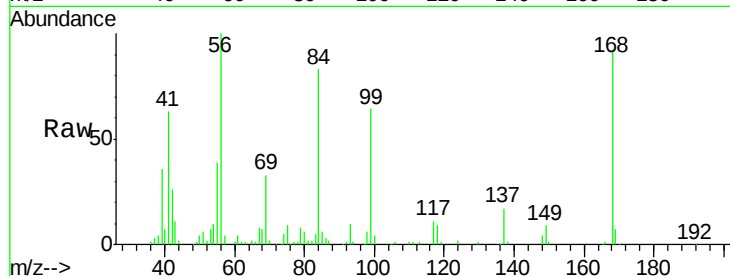
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	220505
Ion Ratio	Lower	Upper	
56	100		
69	32.6	25.4	38.2
84	80.9	63.3	94.9

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.729 ug/l

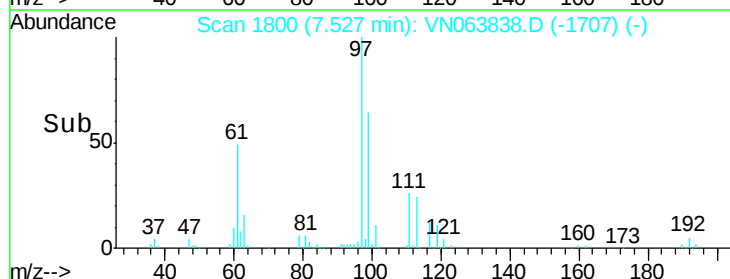
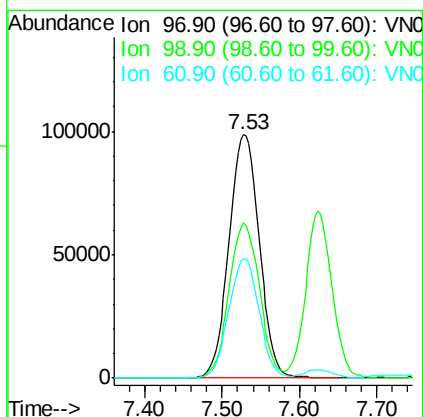
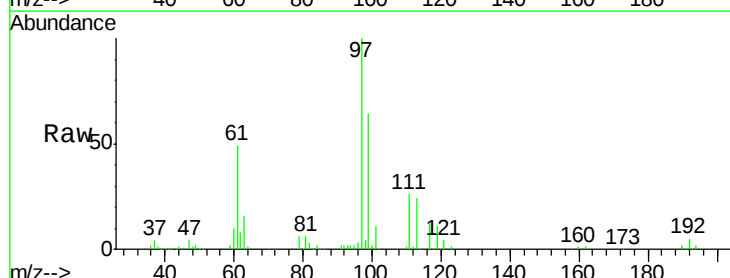
RT: 7.53 min Scan# 1800

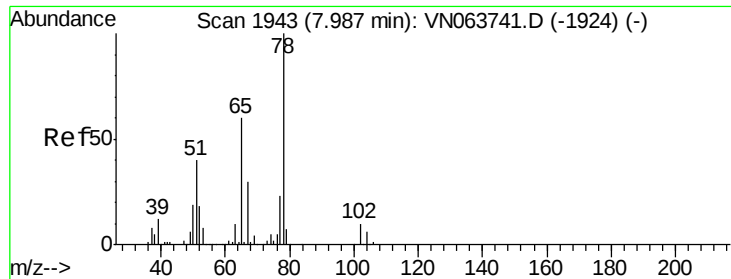
Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Tgt Ion:	97	Resp:	268698
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.0	76.6
61	49.0	38.7	58.1





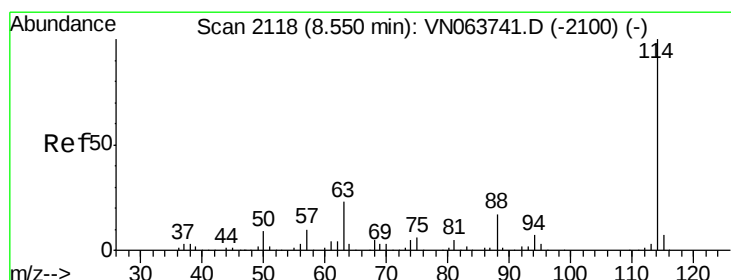
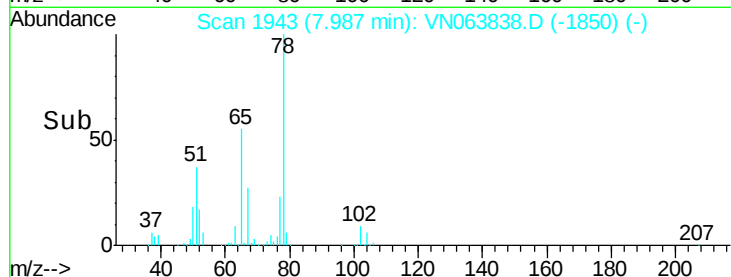
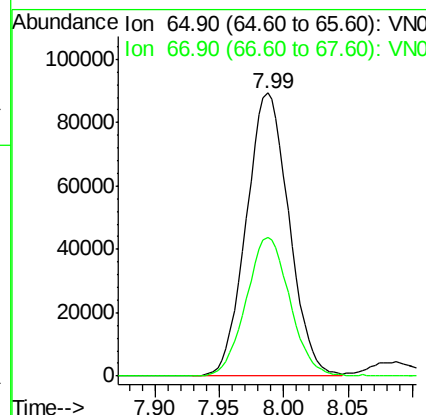
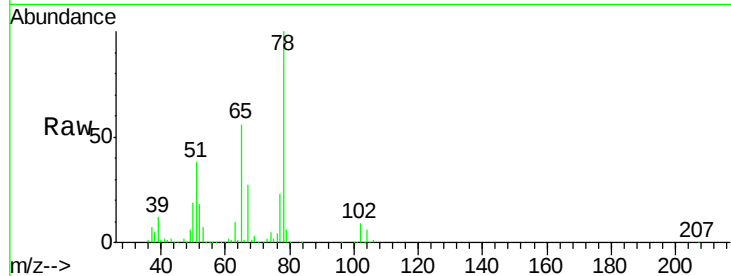
#33
 1,2-Dichloroethane-d4
 Concen: 51.724 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	99.6

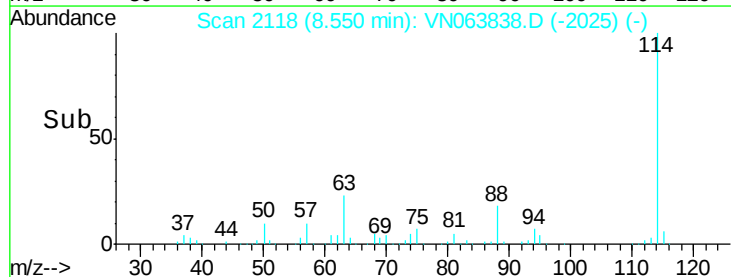
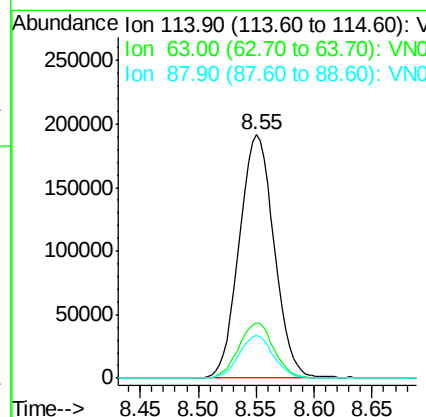
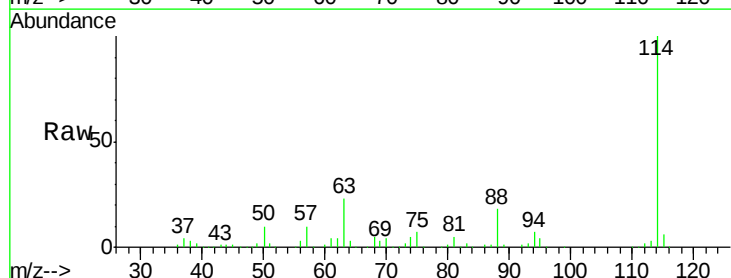
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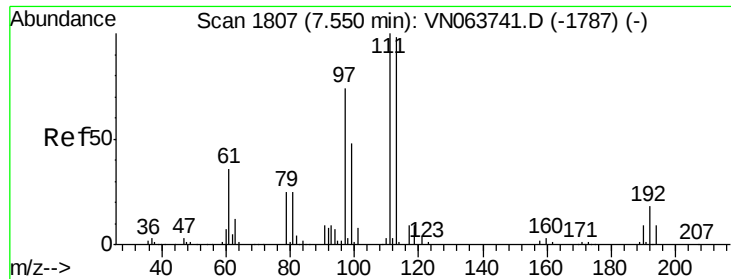
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	45.0
88	17.5	0.0	34.0





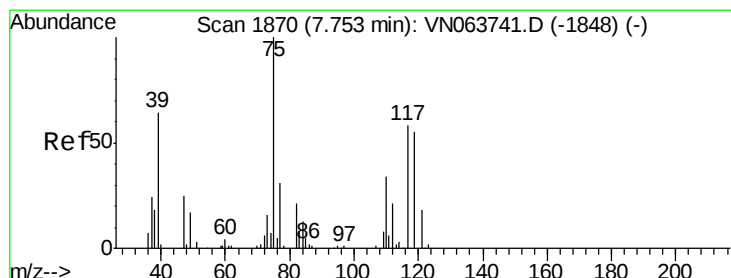
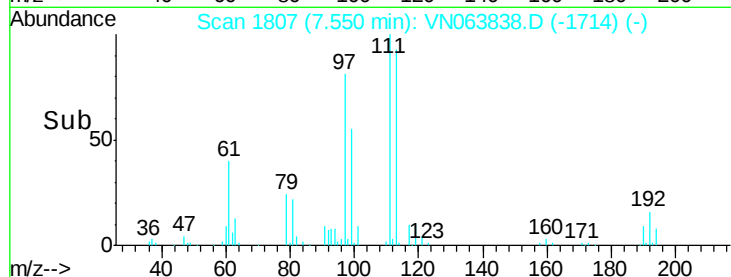
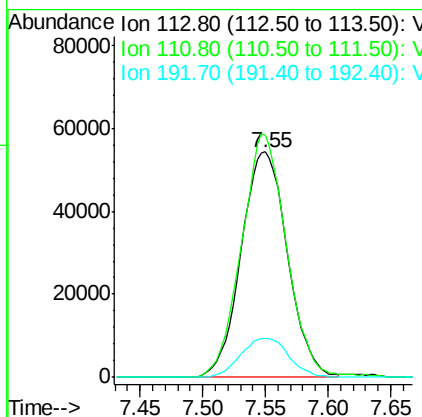
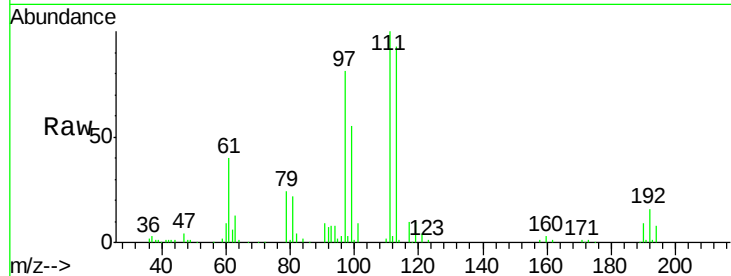
#35
 Dibromofluoromethane
 Concen: 50.110 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	139462		
111	104.8	81.8	122.8	
192	18.1	14.2	21.2	

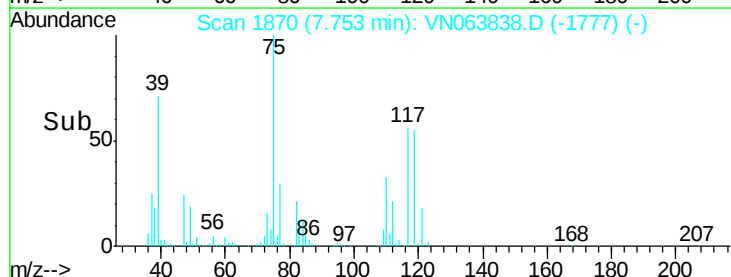
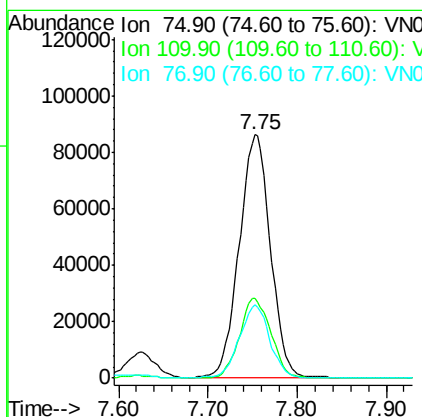
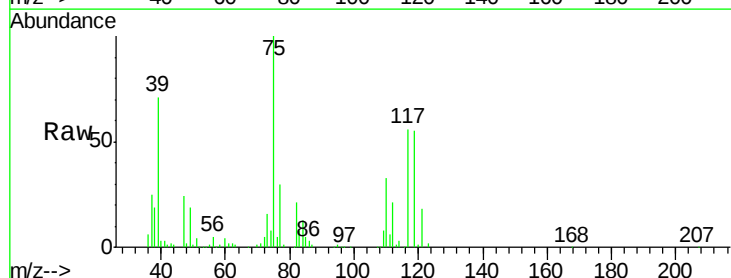
Manual Integrations
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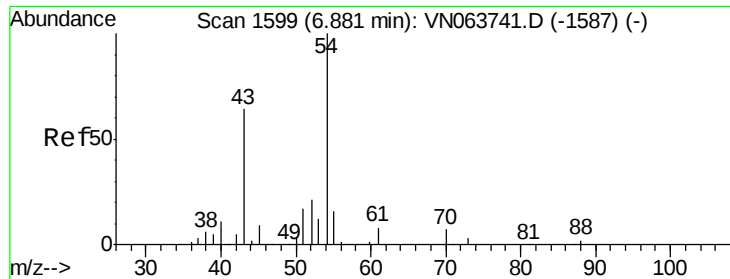
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#36
 1,1-Dichloropropene
 Concen: 51.343 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	208636		
110	33.0	16.9	50.6	
77	29.5	24.5	36.7	





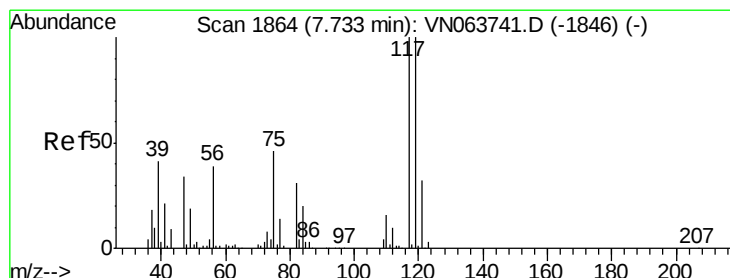
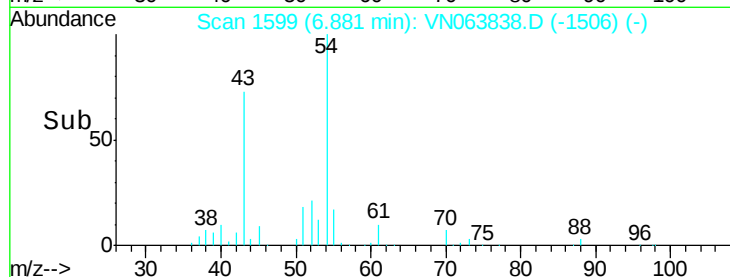
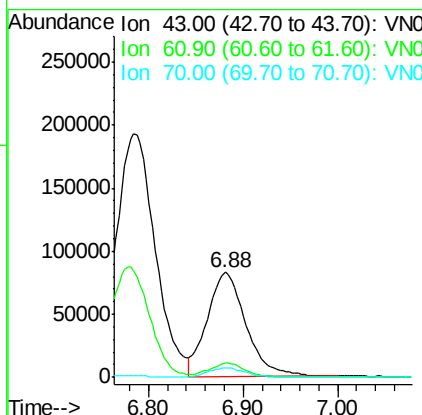
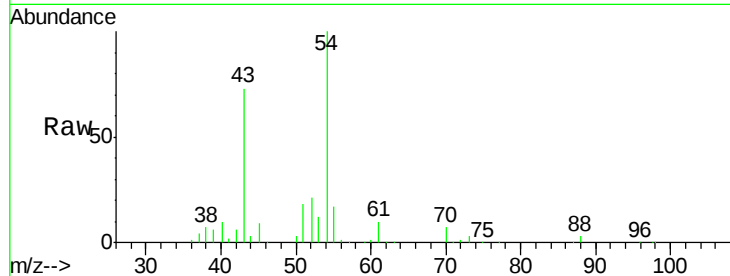
#37
Ethyl Acetate
Concen: 58.222 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.4	15.6
70	8.4	7.3	10.9

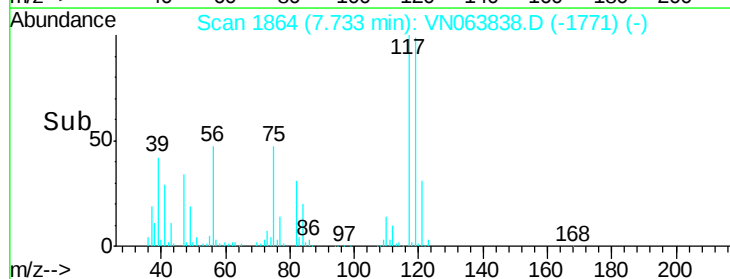
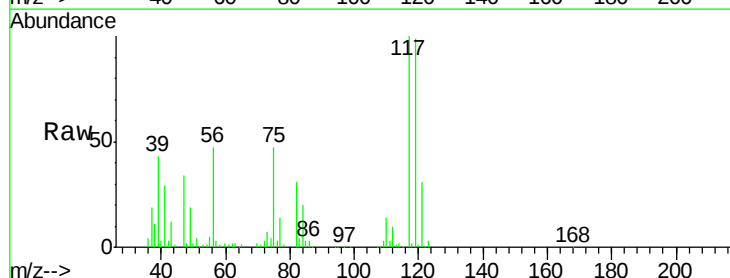
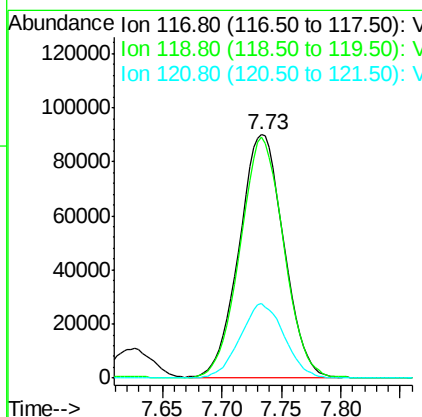
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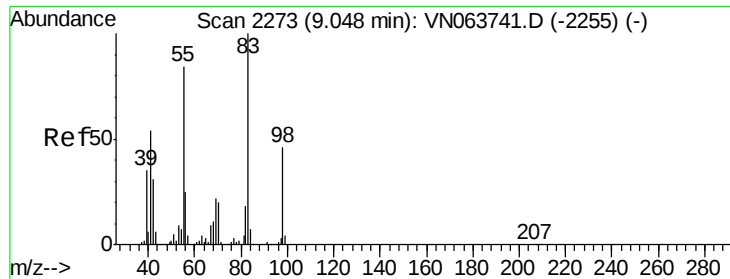
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#38
Carbon Tetrachloride
Concen: 51.031 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.3	80.1	120.1
121	30.7	25.7	38.5





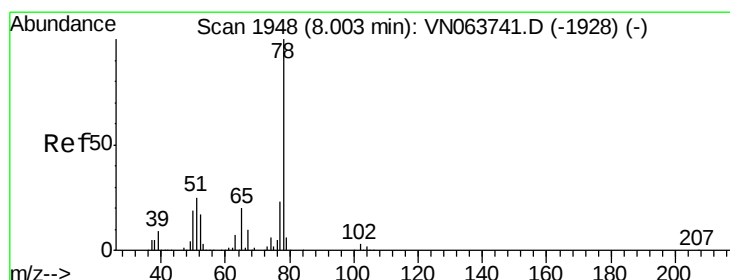
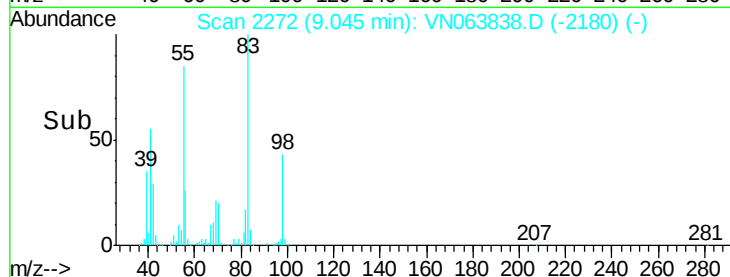
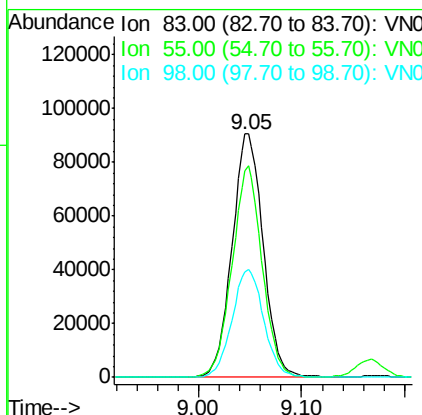
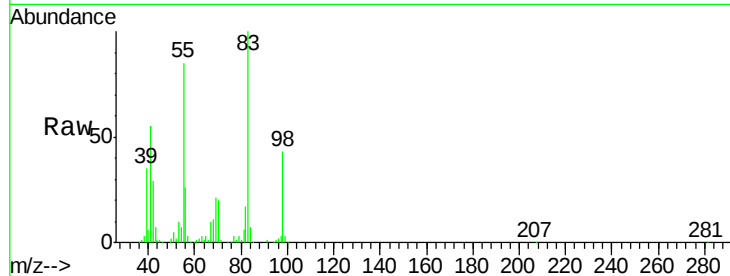
#39
Methvlcvclohexane
Concen: 46.878 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.6	67.1	100.7
98	43.4	36.6	54.8

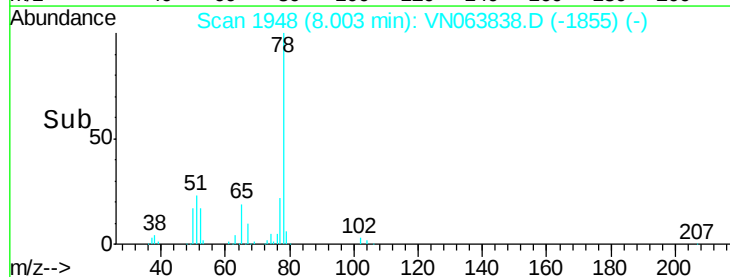
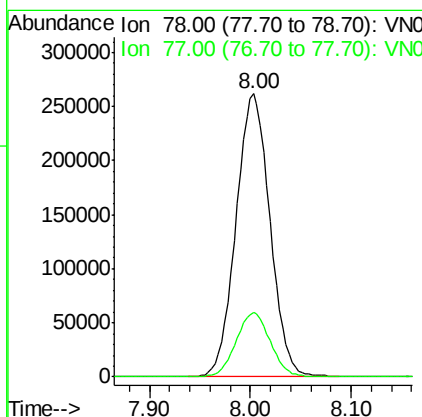
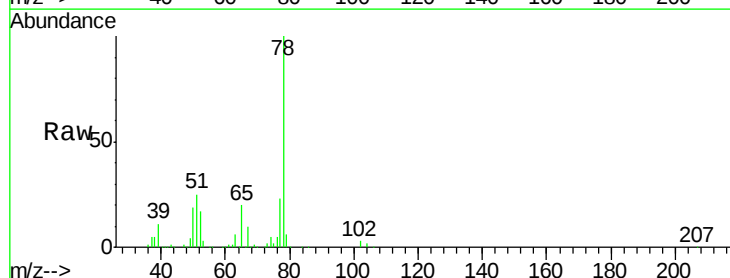
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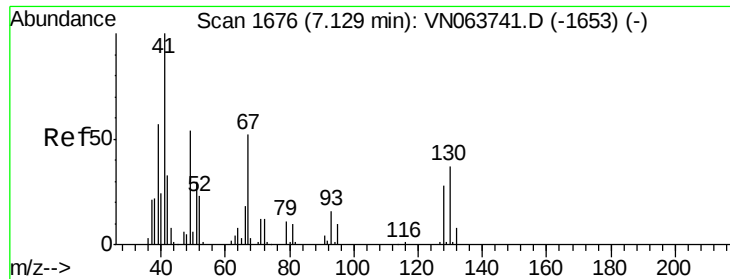
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#40
Benzene
Concen: 52.617 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	18.7	28.1





#41

Methacrylonitrile

Concen: 57.769 ug/l m

RT: 7.13 min Scan# 1676

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 103654
Ion Ratio Lower Upper

41 100

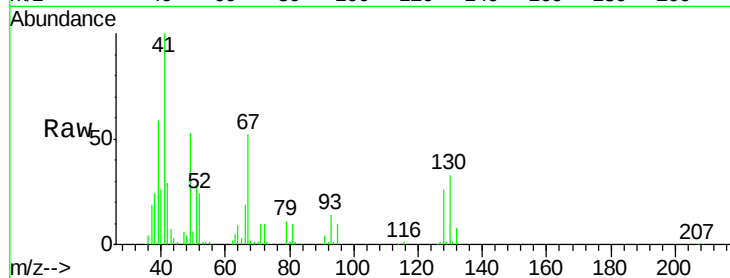
39 189.7 42.5 63.7#

67 0.0 57.4 86.2#

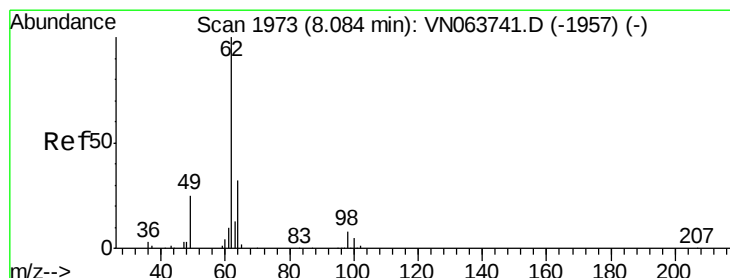
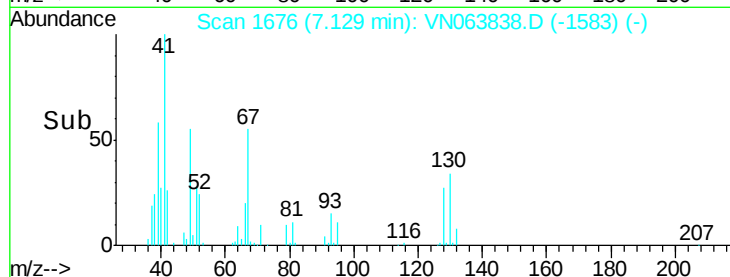
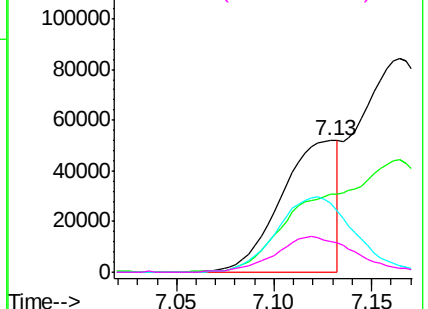
52 0.0 26.9 40.3#

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



#42

1,2-Dichloroethane

Concen: 53.867 ug/l

RT: 8.09 min Scan# 1974

Delta R.T. 0.00 min

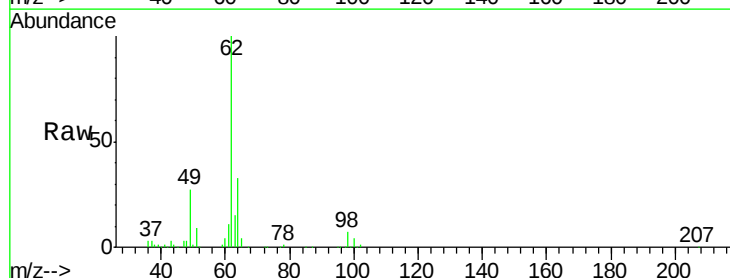
Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

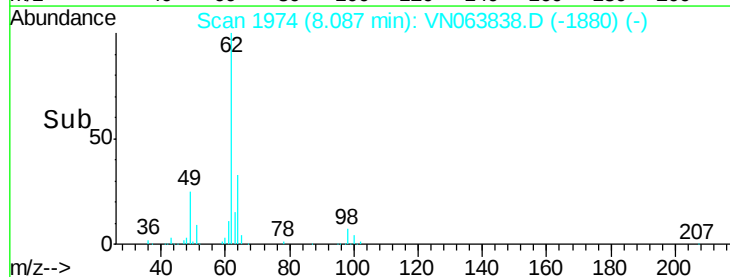
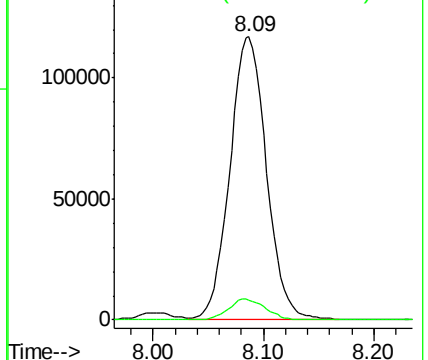
Tgt Ion: 62 Resp: 266878
Ion Ratio Lower Upper

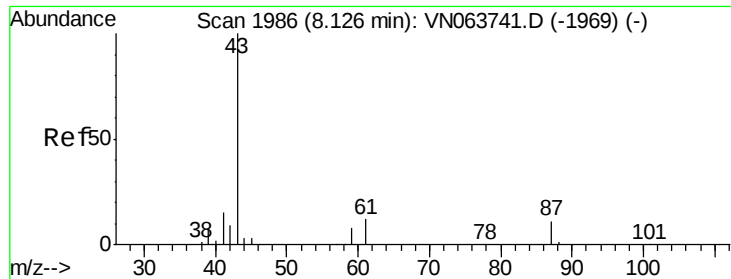
62 100

98 7.4 0.0 15.0



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





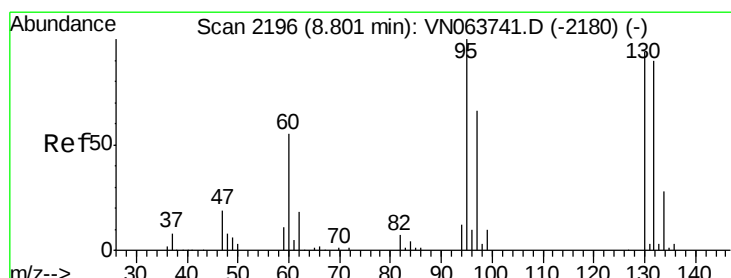
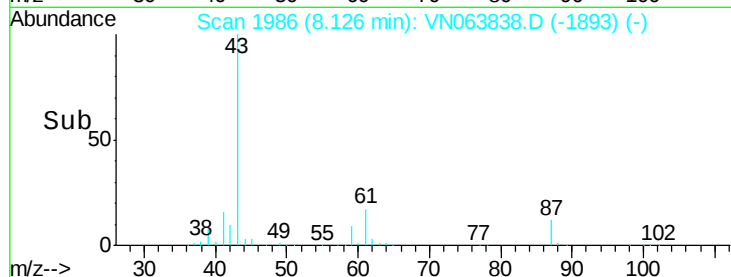
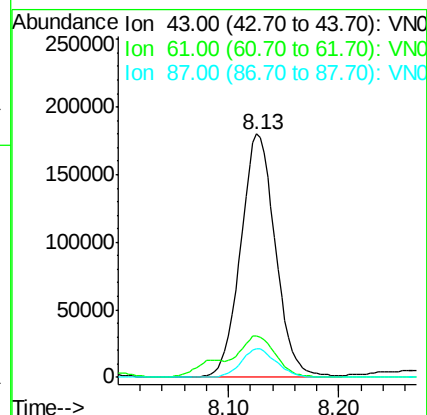
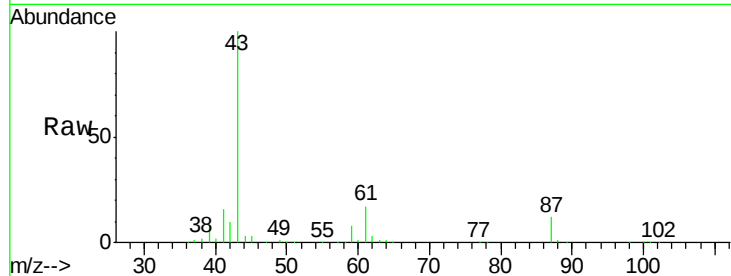
#43
Isopropyl Acetate
Concen: 58.623 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.8	14.2	21.4
87	11.9	9.0	13.6

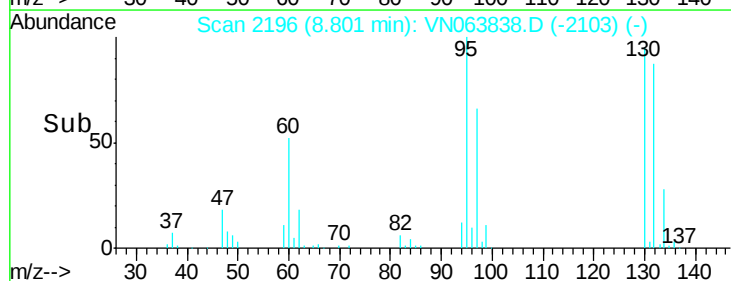
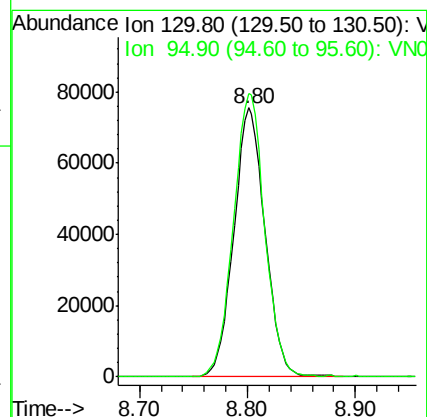
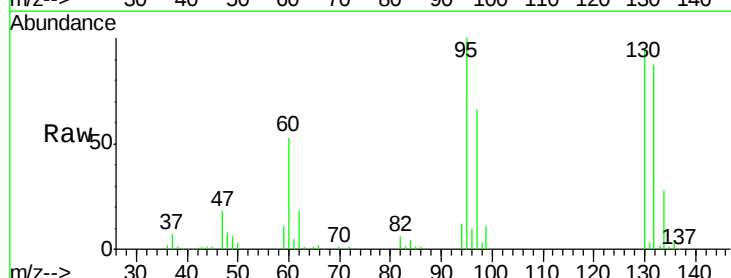
Manual Integrations
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#44
Trichloroethene
Concen: 50.029 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	213.6





#45

1,2-Dichloropropane

Concen: 54.666 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 171352

Ion Ratio Lower Upper

63 100

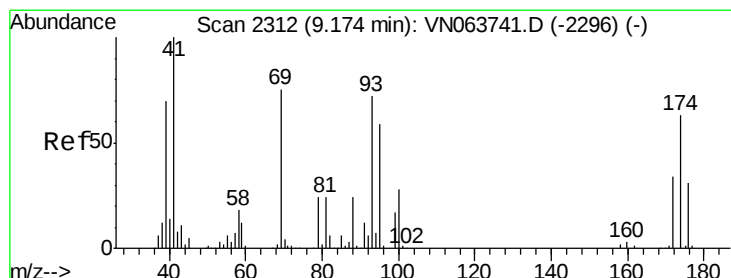
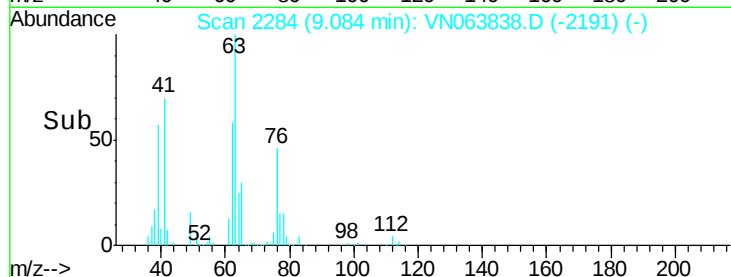
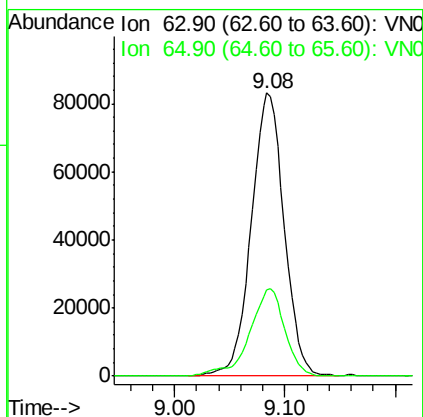
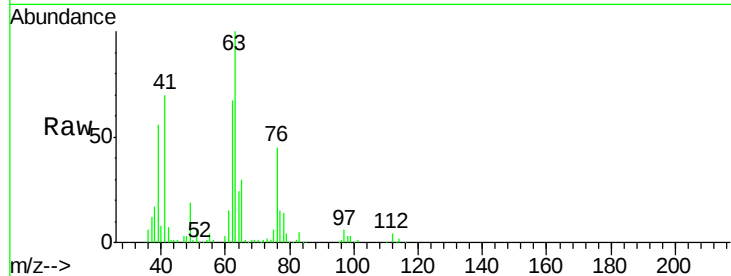
65 30.4 24.7 37.1

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#46

Dibromomethane

Concen: 53.548 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

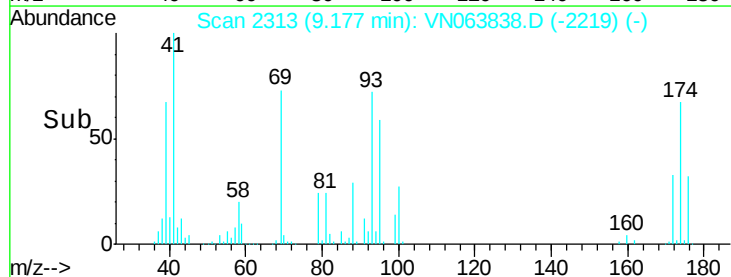
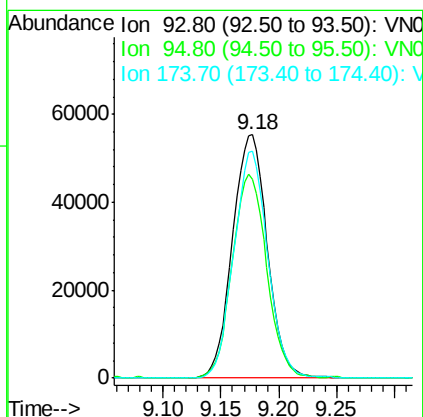
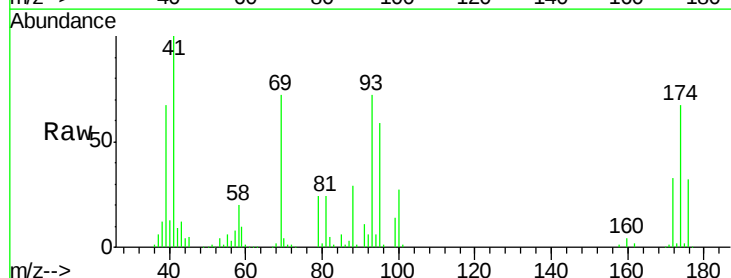
Tgt Ion: 93 Resp: 115790

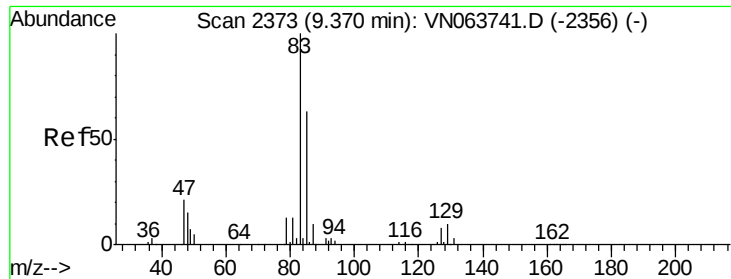
Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

174 90.2 72.7 109.1





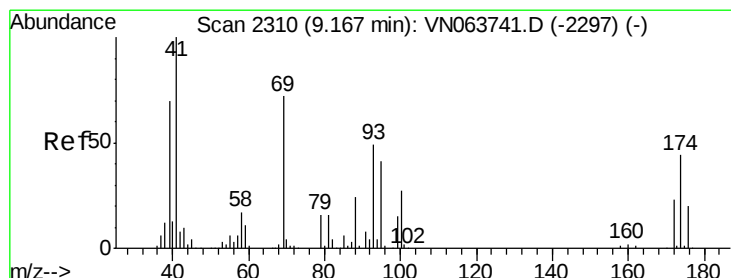
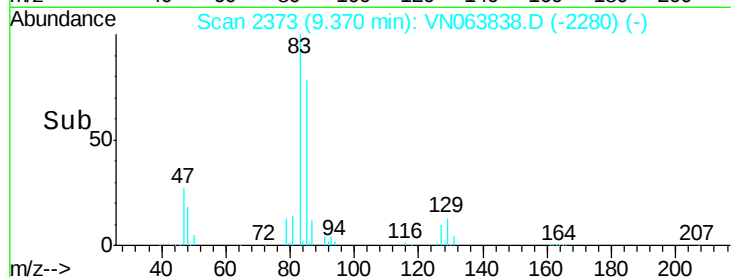
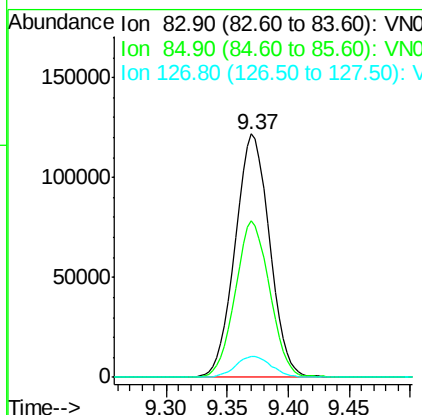
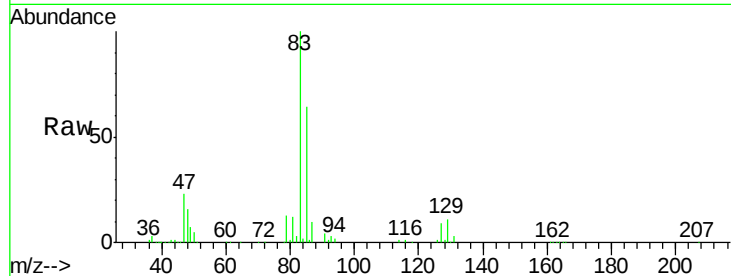
#47
Bromodichloromethane
Concen: 53.588 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	238815		
85	64.3	50.6	75.8	
127	8.5	6.6	9.8	

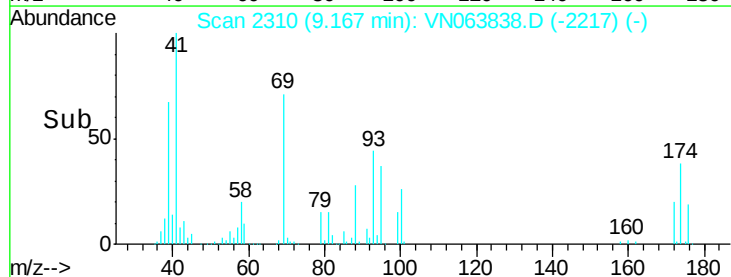
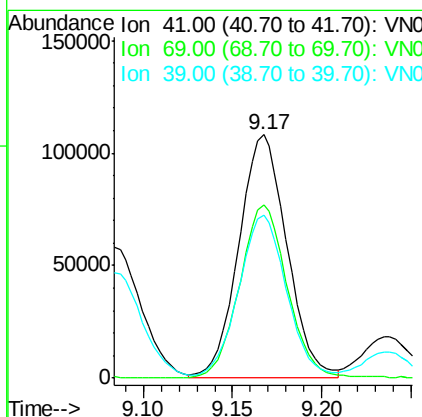
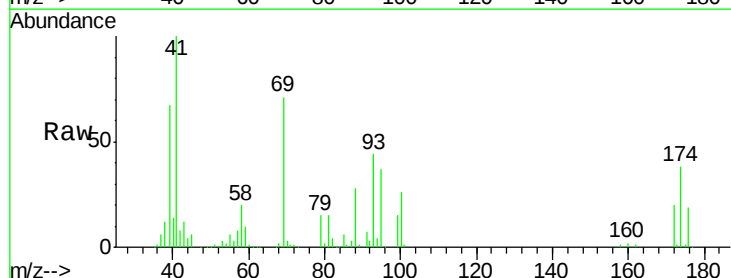
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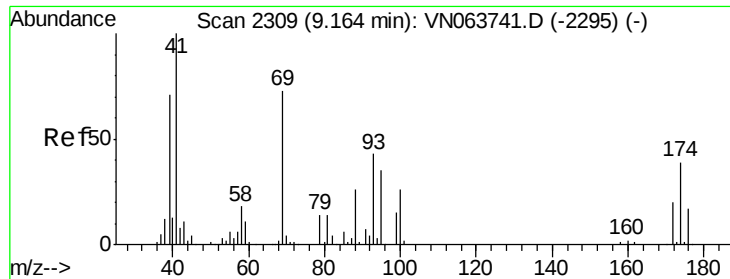
MMDadoda
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#48
Methyl methacrylate
Concen: 61.646 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	202816		
69	71.1	60.9	91.3	
39	66.8	57.5	86.3	





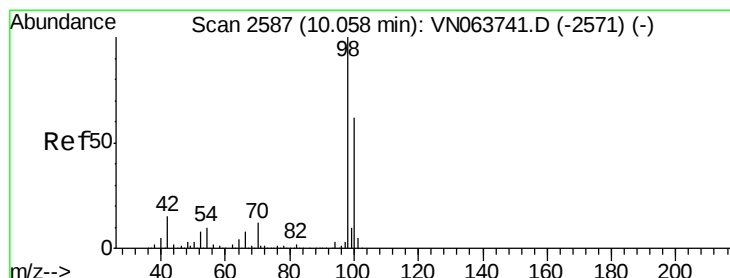
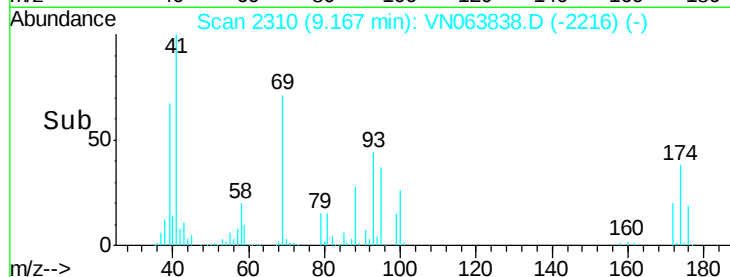
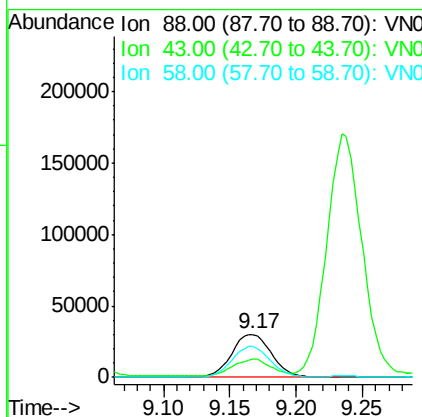
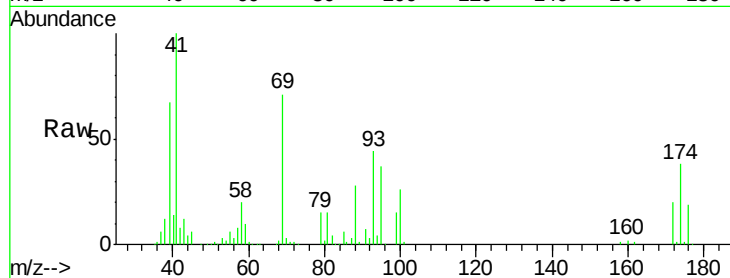
#49
1,4-Dioxane
Concen: 1353.566 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.1	33.1	49.7
58	69.0	58.9	88.3

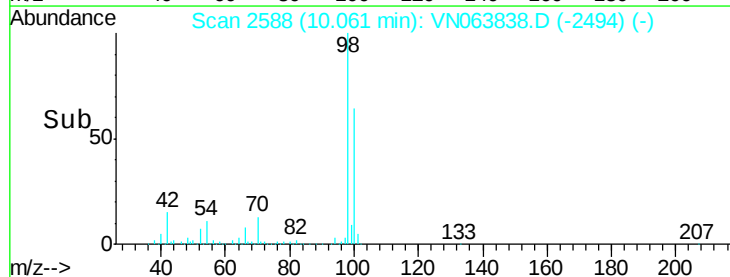
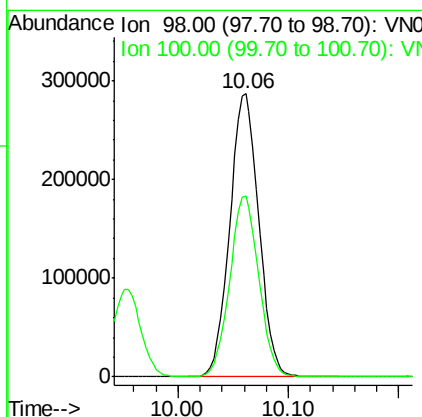
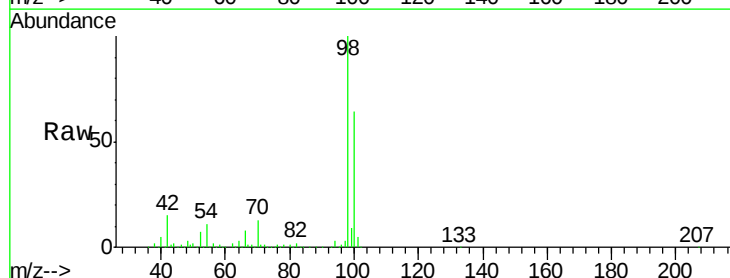
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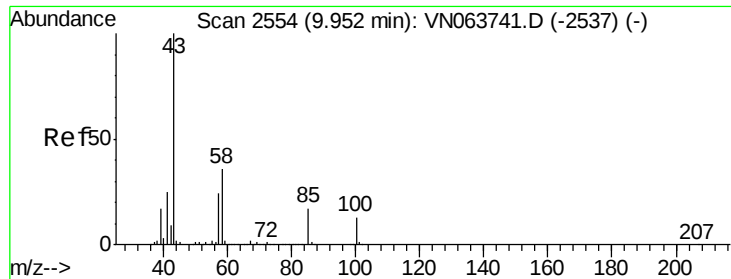
MMDadoda
10/5/2020 5:35:33 PM



#50
Toluene-d8
Concen: 49.632 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.8	49.8	74.6





#51

4-Methyl-2-Pentanone

Concen: 318.731 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1245566

Ion Ratio Lower Upper

43 100

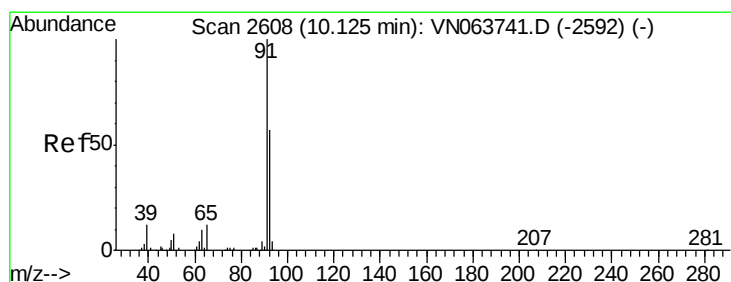
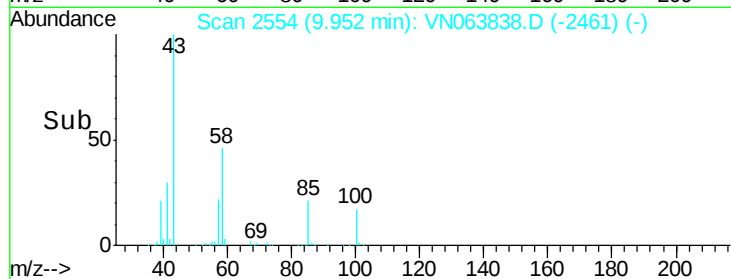
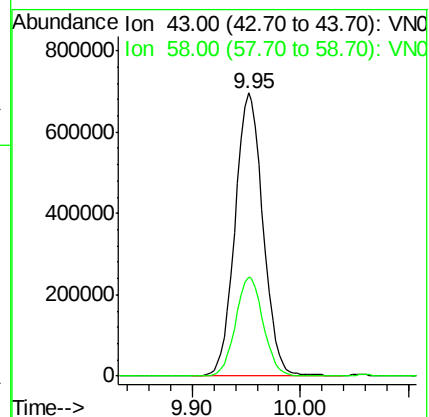
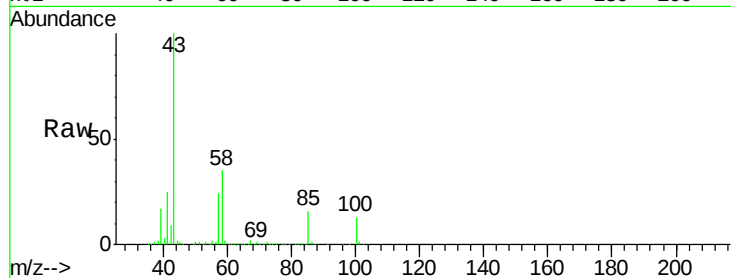
58 34.7 28.4 42.6

Manual Integrations

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#52

Toluene

Concen: 53.331 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063838.D

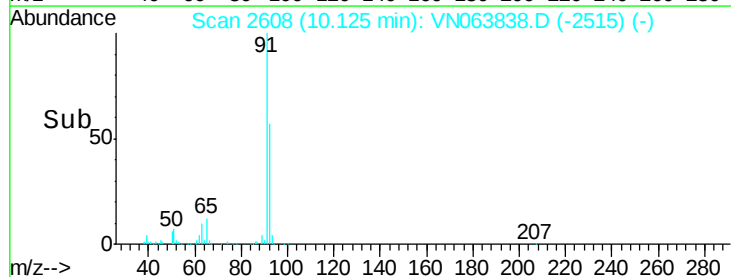
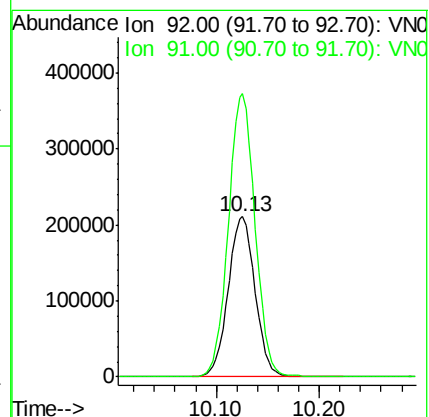
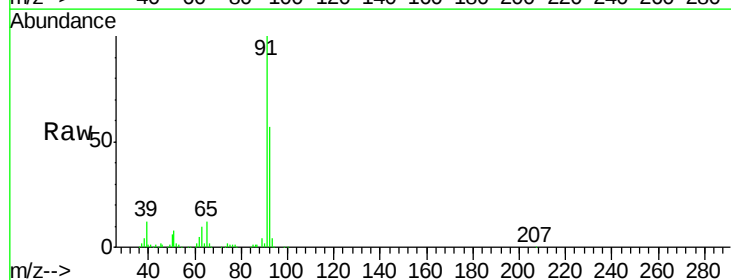
Acq: 2 Oct 2020 22:20

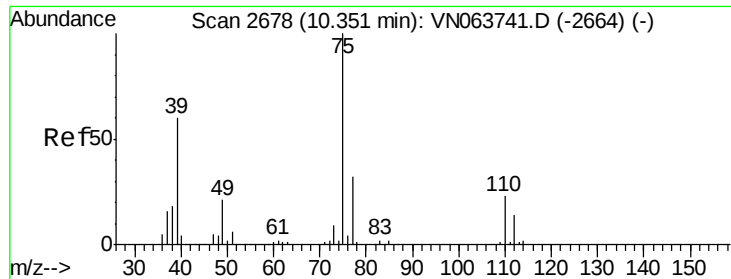
Tgt Ion: 92 Resp: 382867

Ion Ratio Lower Upper

92 100

91 174.9 140.6 210.8





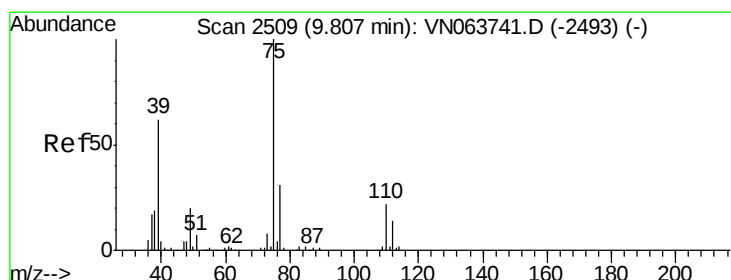
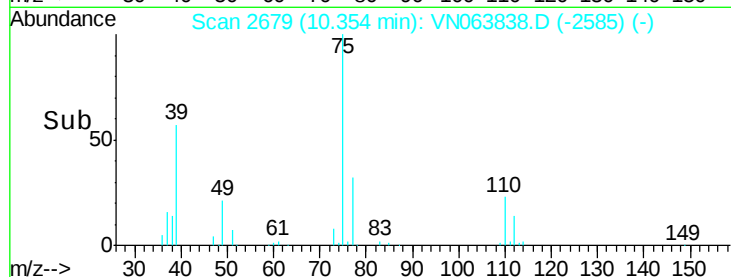
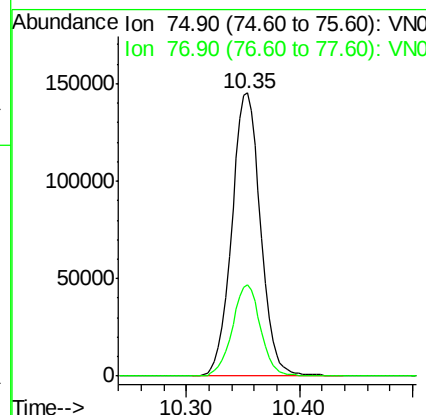
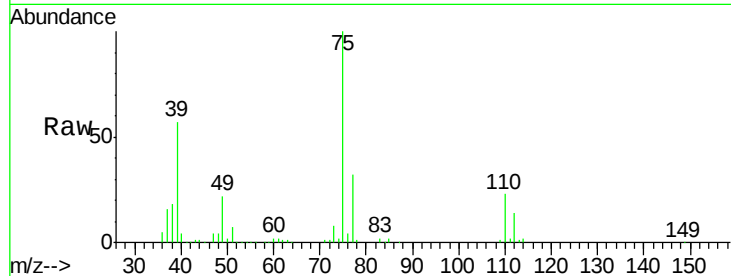
#53
t-1,3-Dichloropropene
Concen: 53.697 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 256517
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9

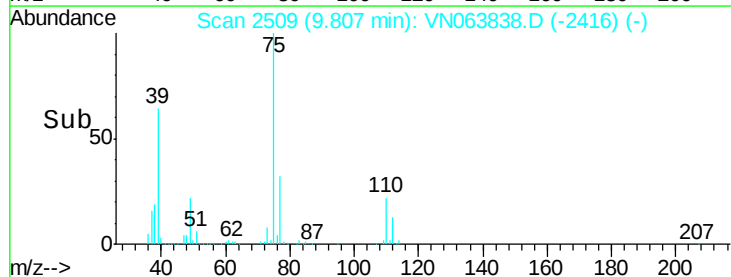
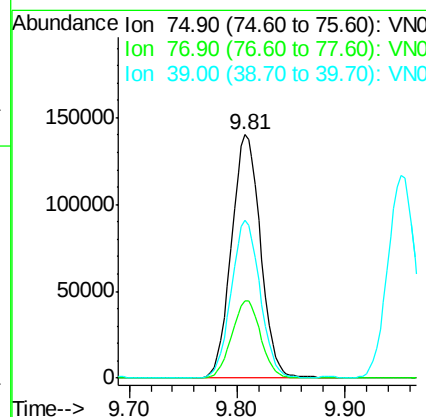
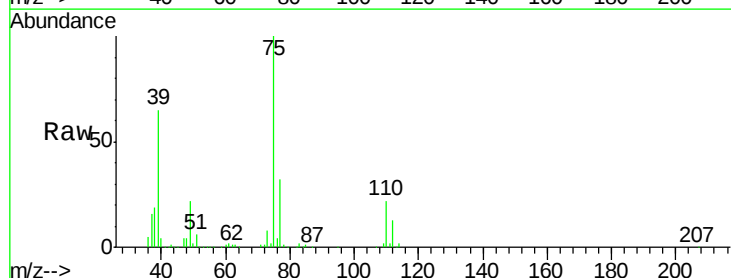
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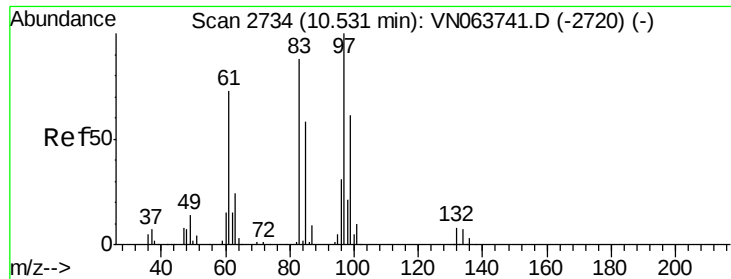
MMDadoda
10/5/2020 5:35:33 PM



#54
cis-1,3-Dichloropropene
Concen: 52.835 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 75 Resp: 263965
Ion Ratio Lower Upper
75 100
77 31.6 24.6 36.8
39 64.4 49.7 74.5





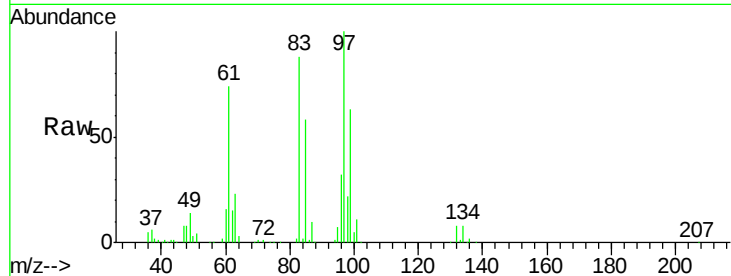
#55
 1,1,2-Trichloroethane
 Concen: 54.654 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	157349
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.7	106.1
85	58.3	46.1	69.1
99	63.2	48.8	73.2

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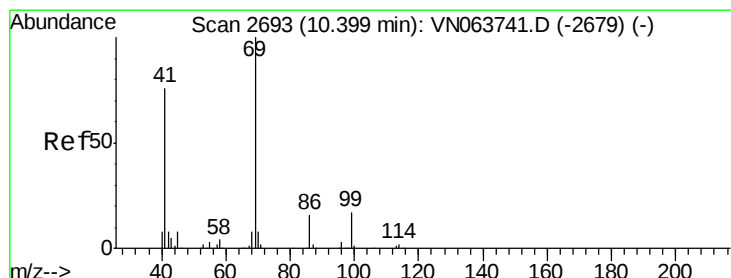
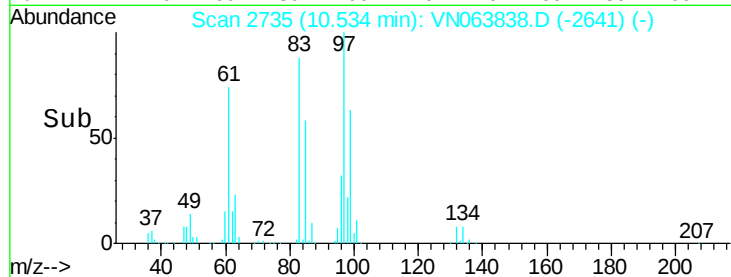
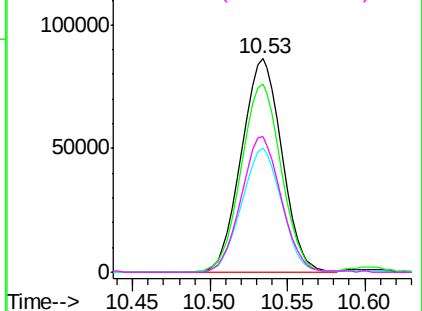


Abundance Ion 96.90 (96.60 to 97.60): VN063838.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN063838.D (-2641) (-)

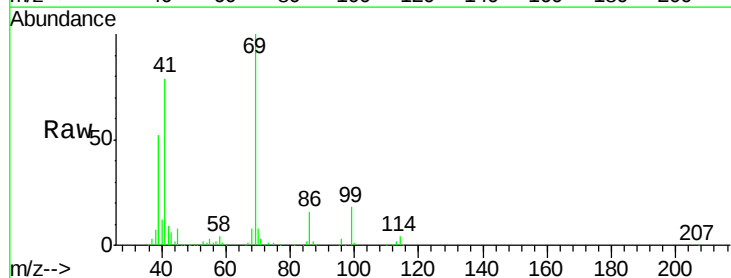
Ion 84.90 (84.60 to 85.60): VN063838.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN063838.D (-2641) (-)



#56
 Ethyl methacrylate
 Concen: 58.777 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

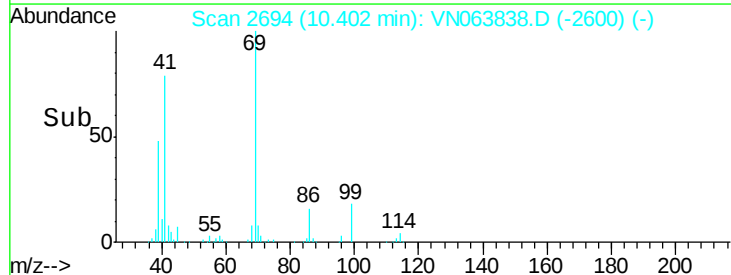
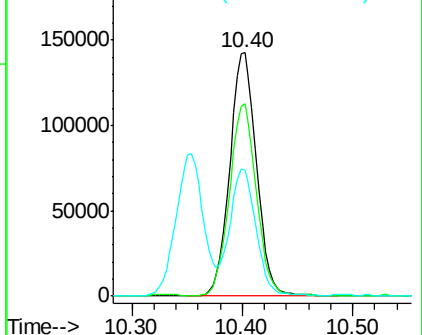
Tgt Ion:	69	Resp:	239865
Ion	Ratio	Lower	Upper
69	100		
41	78.8	61.1	91.7
39	51.1	42.2	63.4

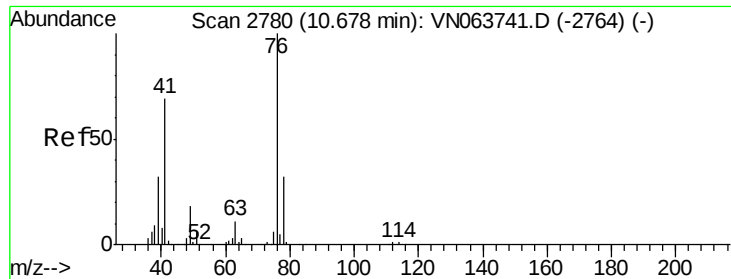


Abundance Ion 69.00 (68.70 to 69.70): VN063838.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN063838.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN063838.D (-2600) (-)





#57

1,3-Dichloropropane

Concen: 55.933 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 272439

Ion Ratio Lower Upper

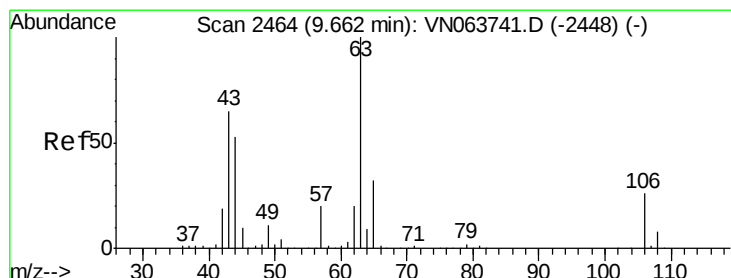
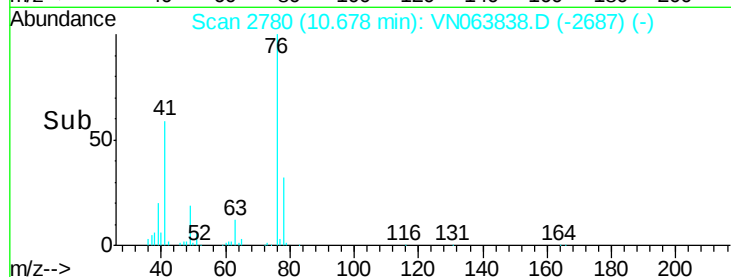
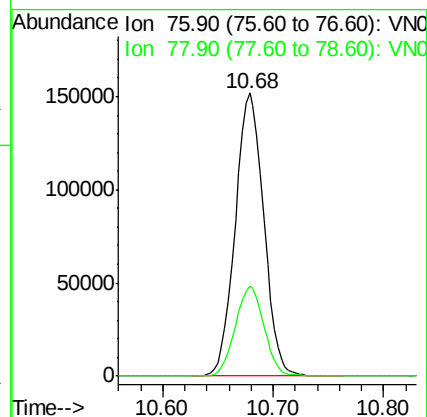
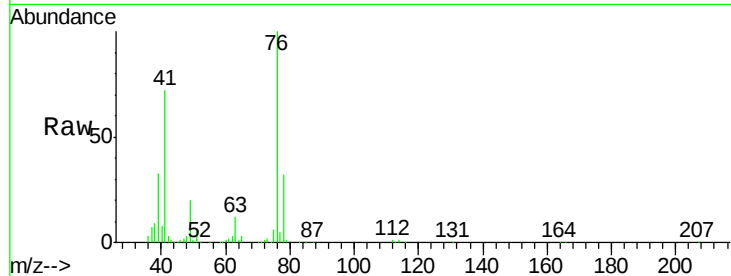
76 100

78 32.0 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 289.270 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063838.D

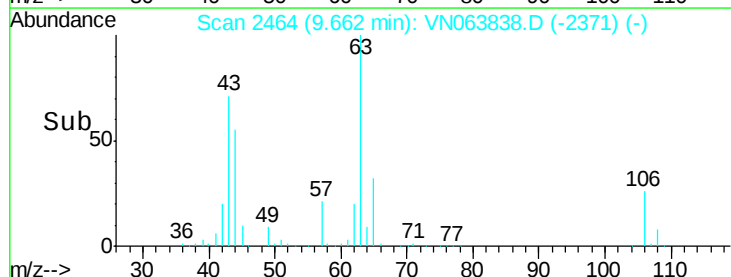
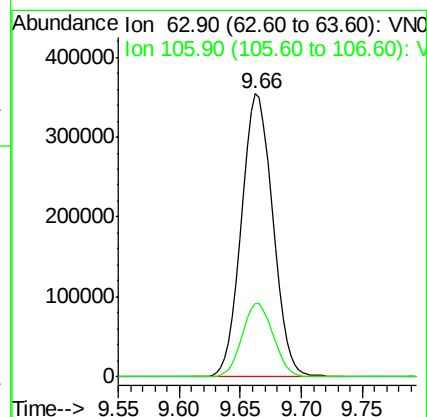
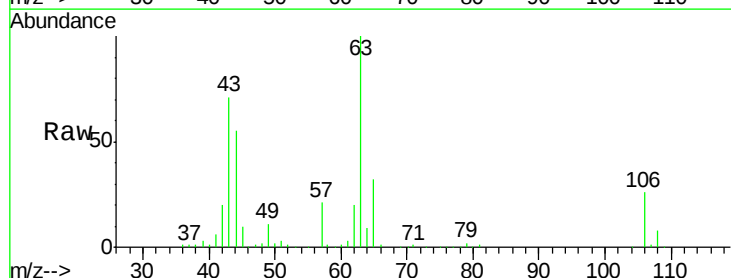
Acq: 2 Oct 2020 22:20

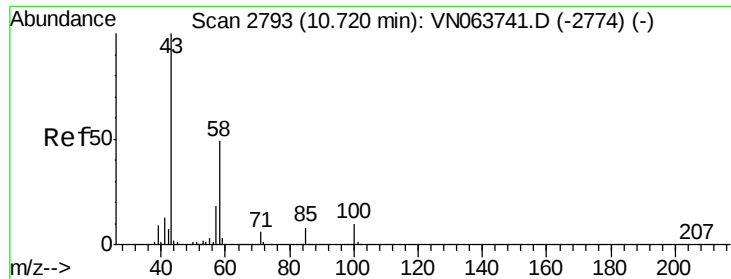
Tgt Ion: 63 Resp: 631454

Ion Ratio Lower Upper

63 100

106 25.6 20.7 31.1





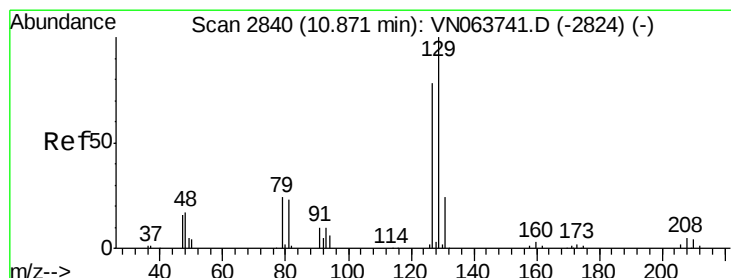
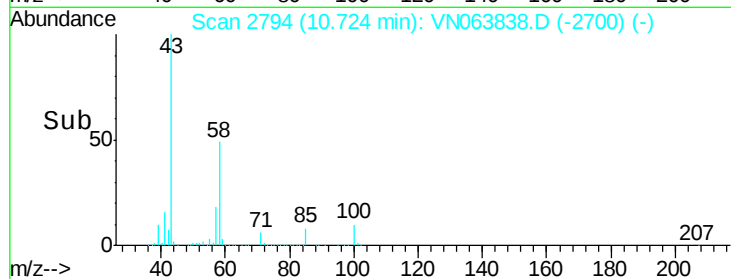
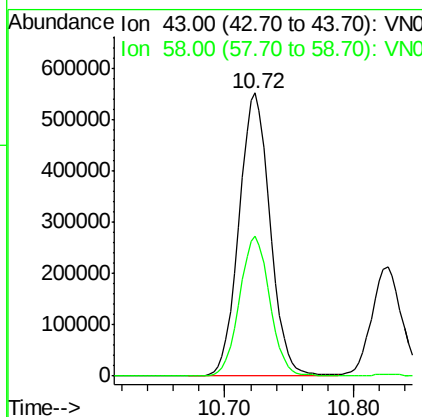
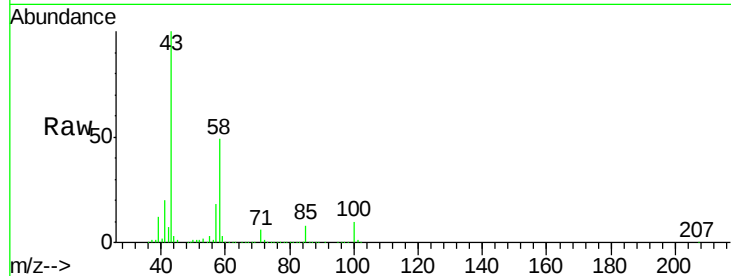
#59
2-Hexanone
Concen: 317.871 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	922788
Ion Ratio	100	Lower	Upper
43	100		
58	48.5	24.6	73.8

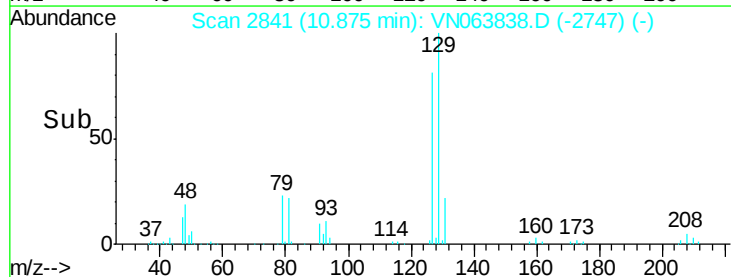
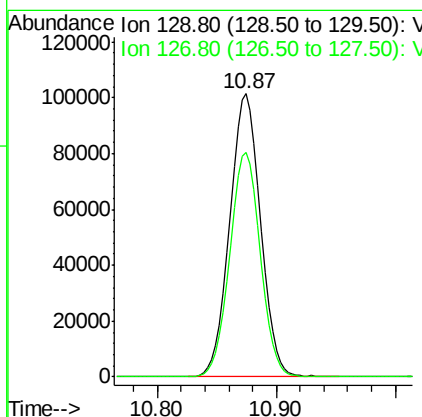
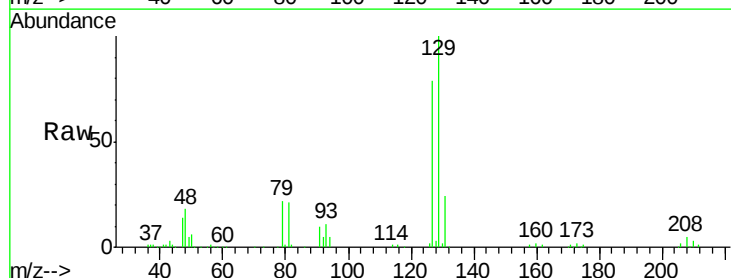
Manual Integrations
APPROVED

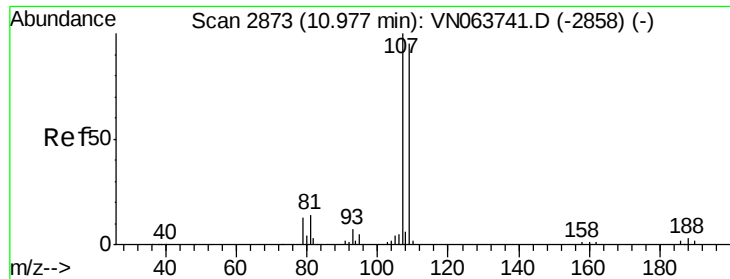
MMDadoda
10/5/2020 5:35:33 PM



#60
Dibromochloromethane
Concen: 54.313 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	129	Resp	182105	
Ion Ratio	129	100	Lower	Upper
129	100			
127	78.6	38.9	116.7	





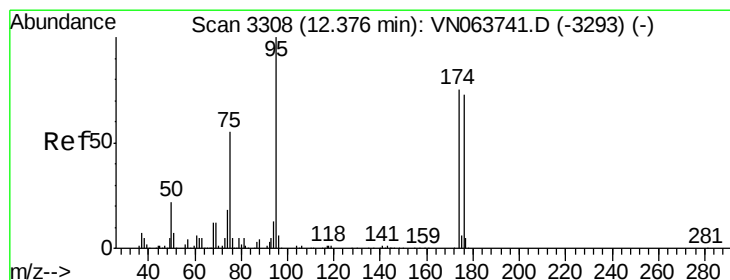
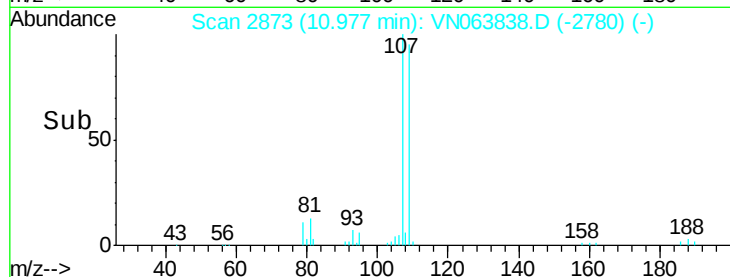
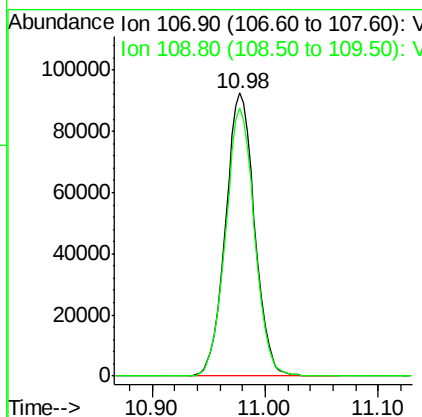
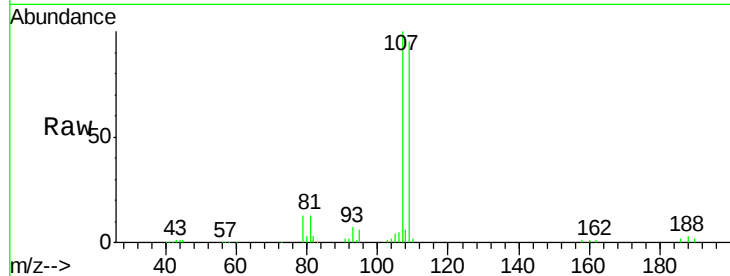
#61
 1,2-Dibromoethane
 Concen: 55.981 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	164866		
109	94.3	74.8	112.2	

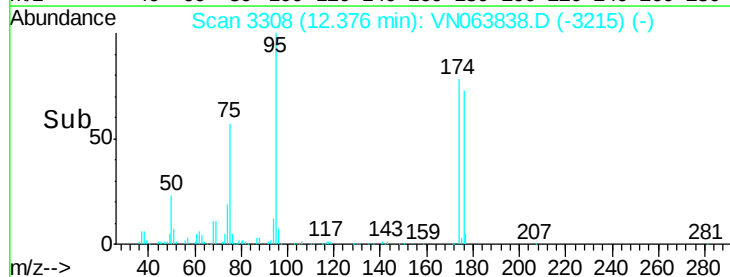
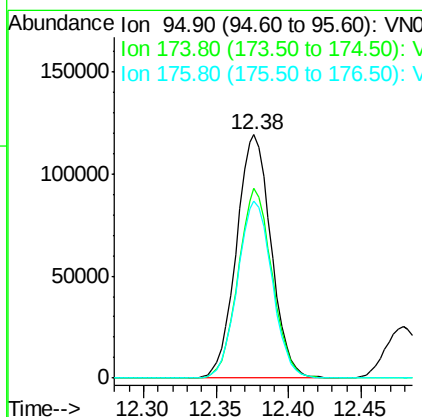
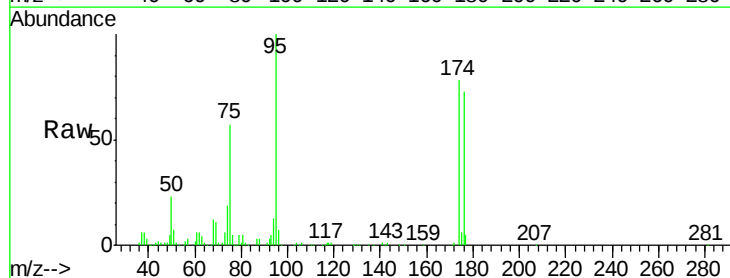
Manual Integrations
 APPROVED

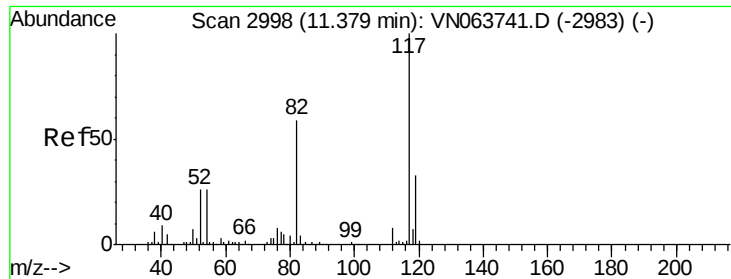
MMDadoda
 10/5/2020 5:35:33 PM



#62
 4-Bromofluorobenzene
 Concen: 49.954 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	198122		
174	76.5	0.0	150.6	
176	72.6	0.0	145.4	





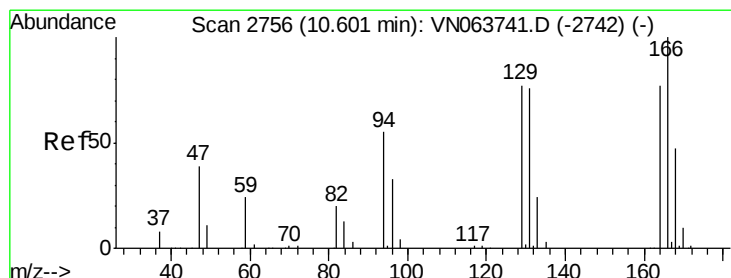
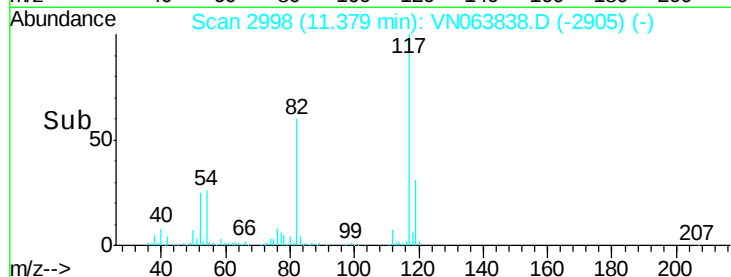
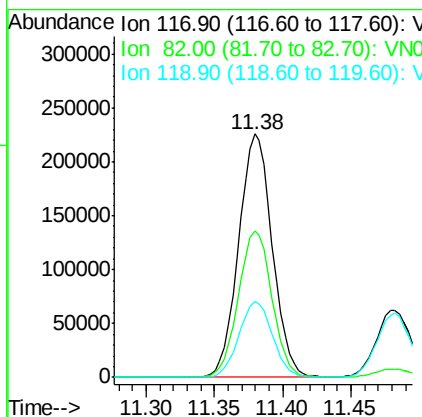
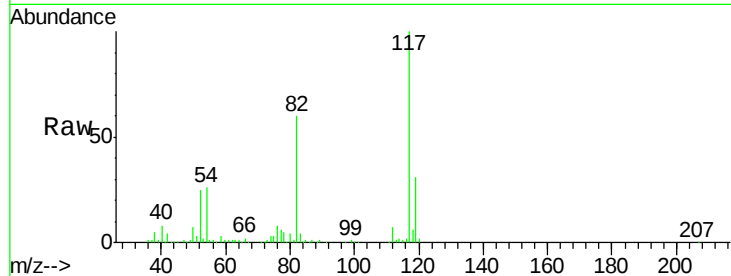
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	60.3	47.4	71.2
119	31.1	26.4	39.6

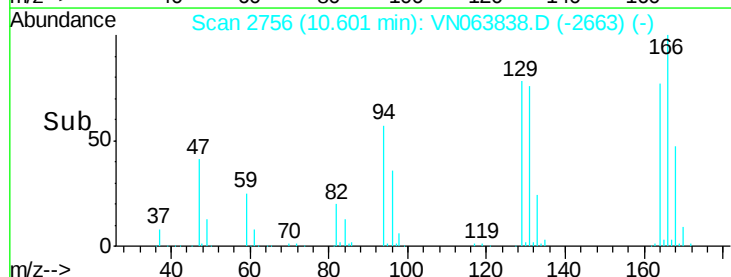
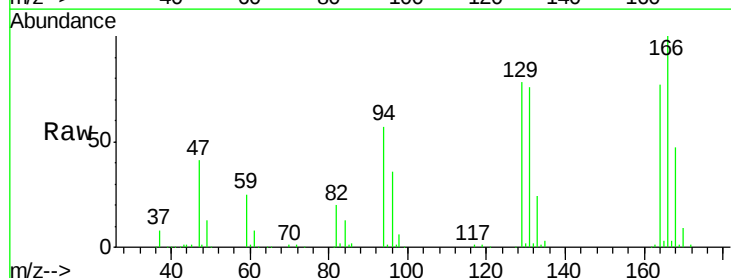
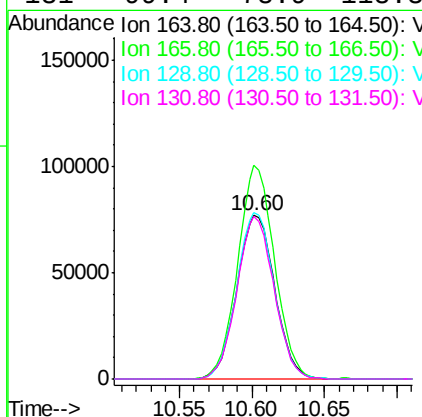
Manual Integrations
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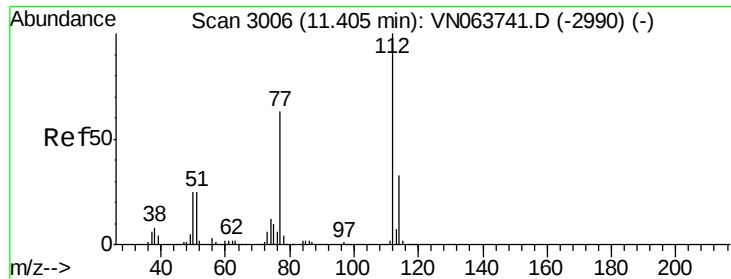
MMDadoda
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#64
Tetrachloroethene
Concen: 46.936 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	103.9	155.9
129	101.5	80.3	120.5
131	99.4	78.9	118.3





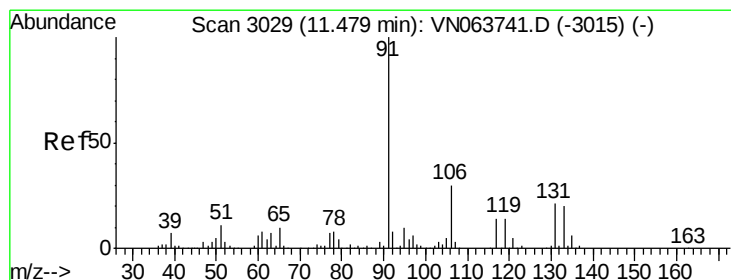
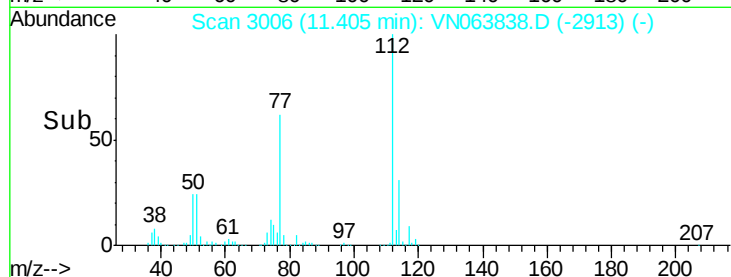
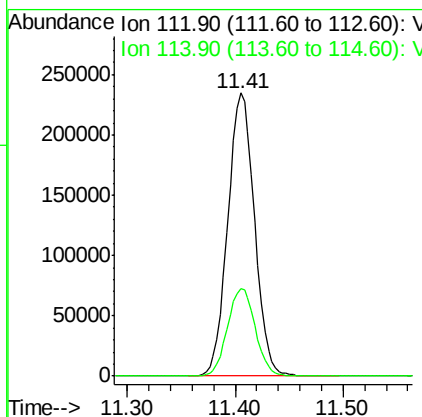
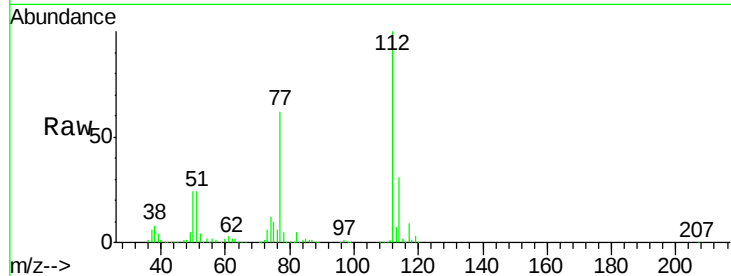
#65
Chlorobenzene
Concen: 50.970 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 404051
Ion Ratio Lower Upper
112 100
114 30.8 26.1 39.1

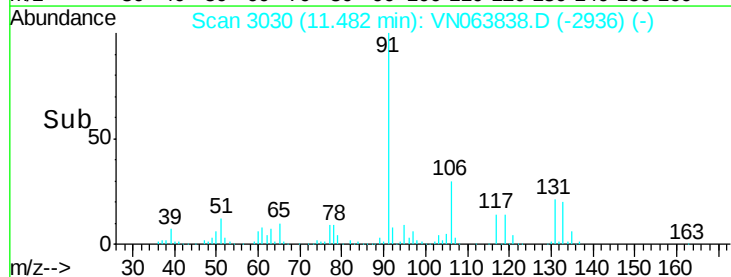
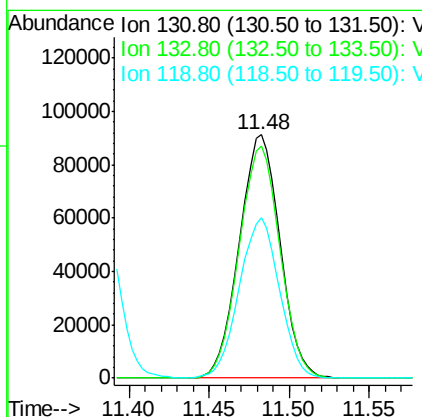
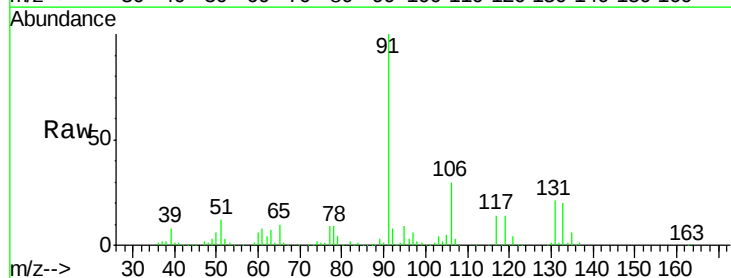
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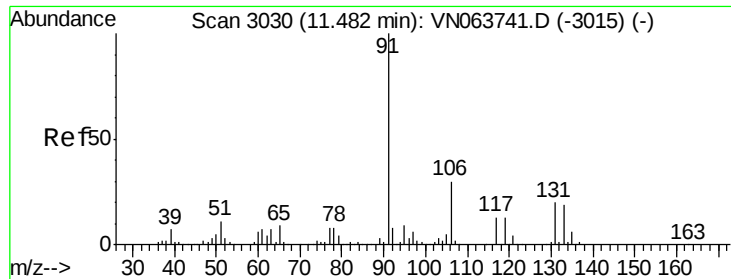
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.399 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion:131 Resp: 159243
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.8
119 65.1 32.6 97.7





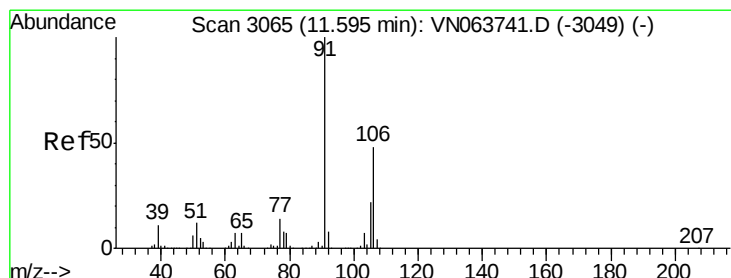
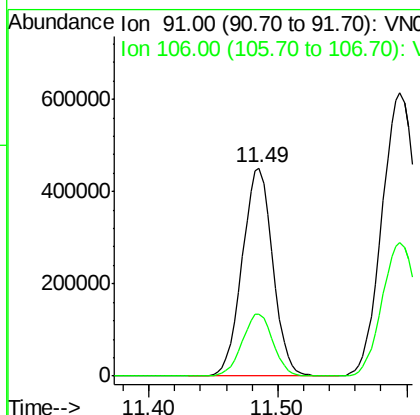
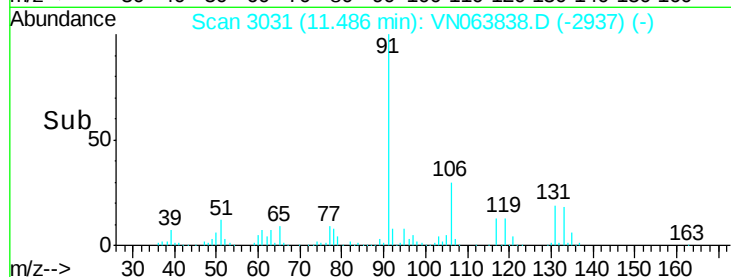
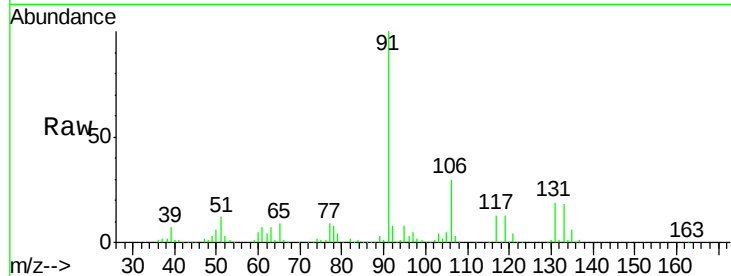
#67
Ethyl Benzene
Concen: 51.639 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 744867
Ion Ratio Lower Upper
91 100
106 30.1 24.2 36.2

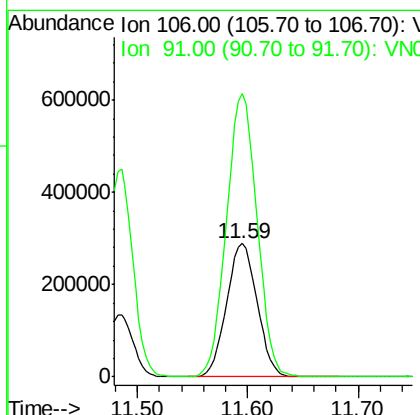
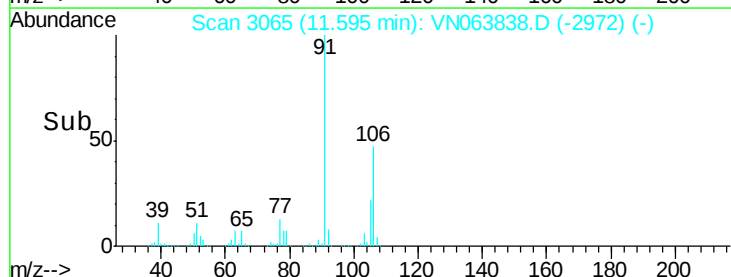
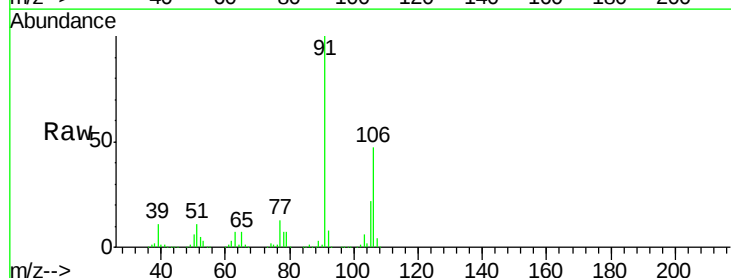
Manual Integrations
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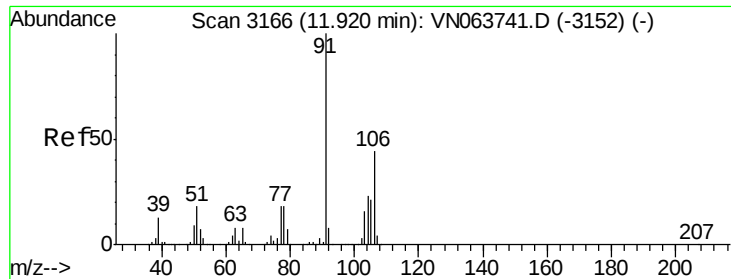
MMDadoda
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#68
m/p-Xylenes
Concen: 103.312 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion: 106 Resp: 555408
Ion Ratio Lower Upper
106 100
91 212.1 168.0 252.0





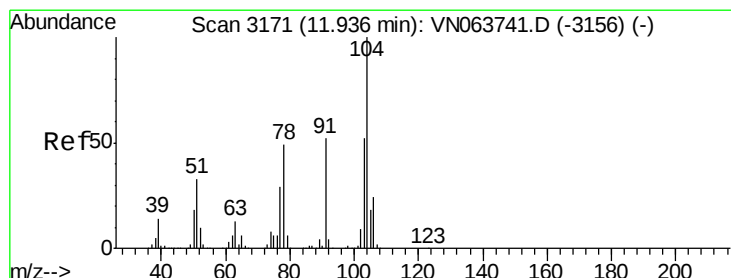
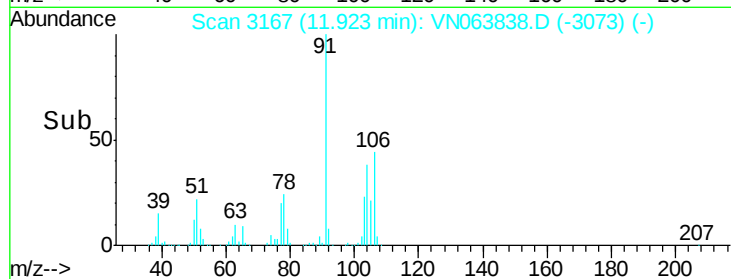
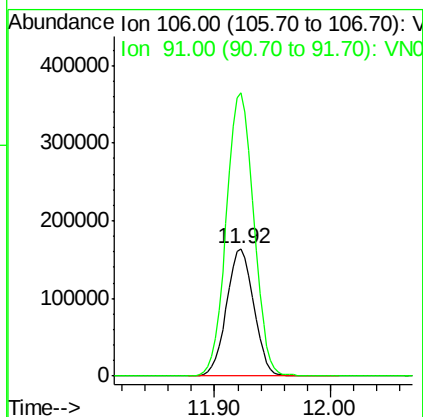
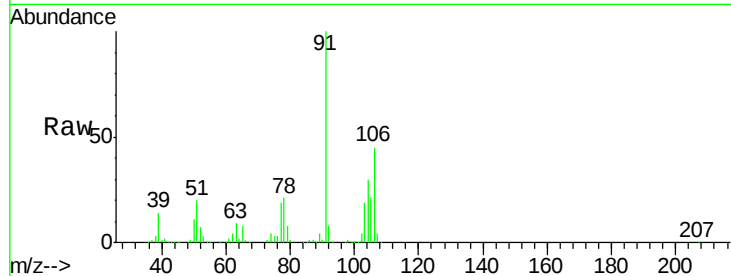
#69
o-Xylene
Concen: 53.163 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 267134
Ion Ratio Lower Upper
106 100
91 224.0 112.7 338.0

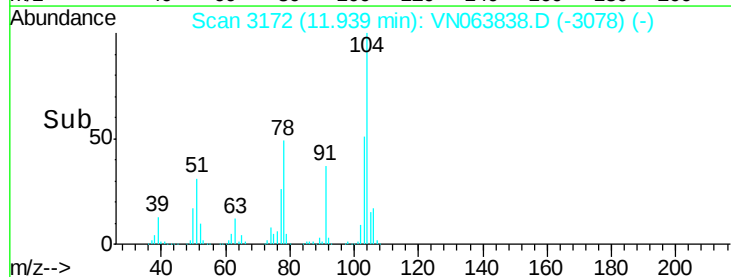
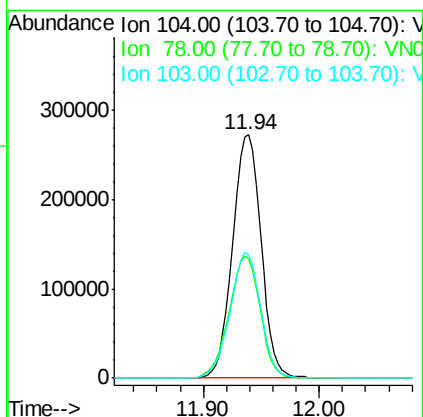
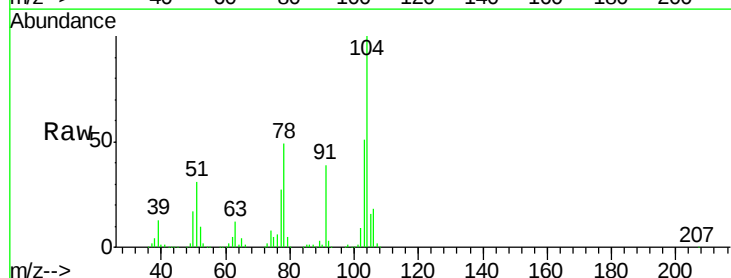
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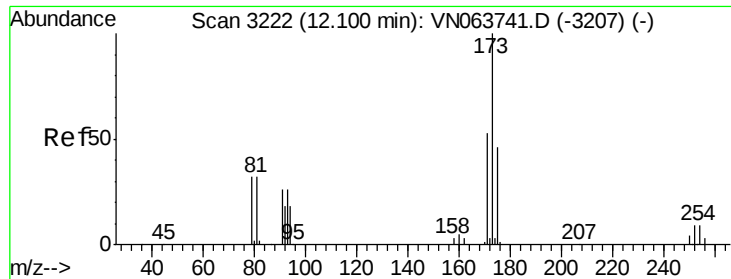
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#70
Styrene
Concen: 54.394 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion:104 Resp: 463947
Ion Ratio Lower Upper
104 100
78 54.4 44.1 66.1
103 55.1 44.3 66.5





#71

Bromoform

Concen: 54.791 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

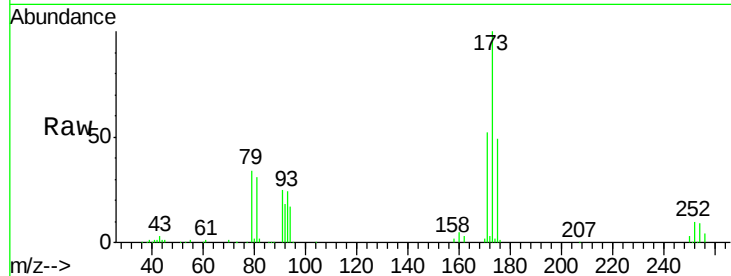
ClientSampleId :

VSTDCCC050

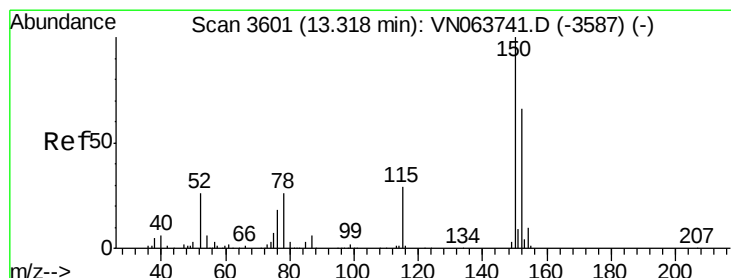
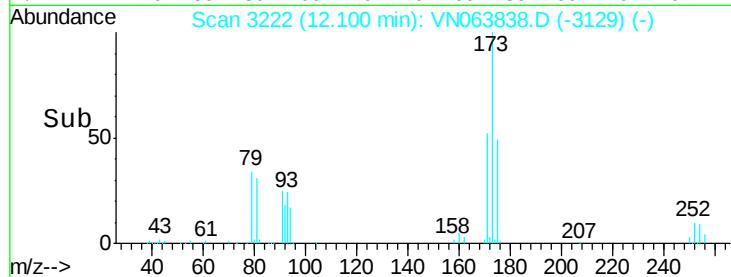
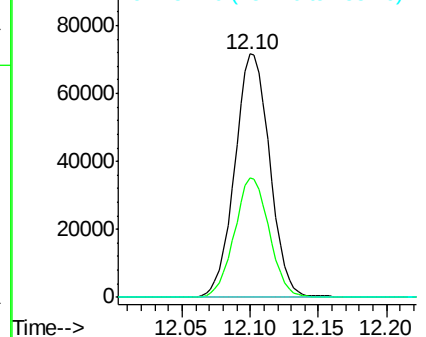
Tot Ion:	173	Resp:	127351
Ion Ratio	Lower	Upper	
173	100		
175	48.8	23.5	70.5
254	0.0	0.0	0.0

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

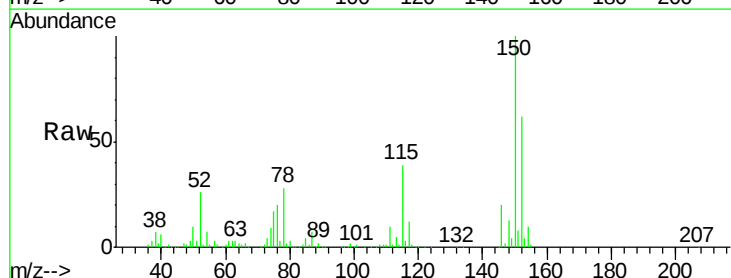
RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

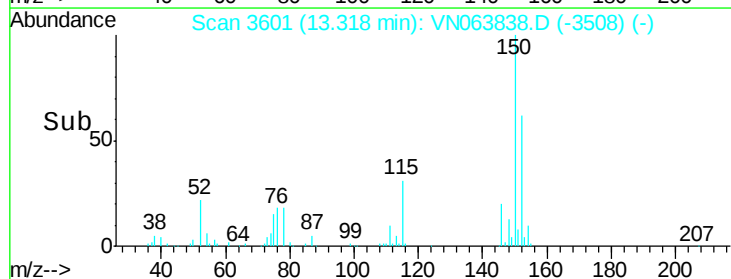
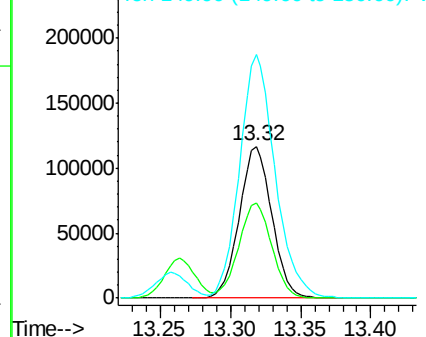
Lab File: VN063838.D

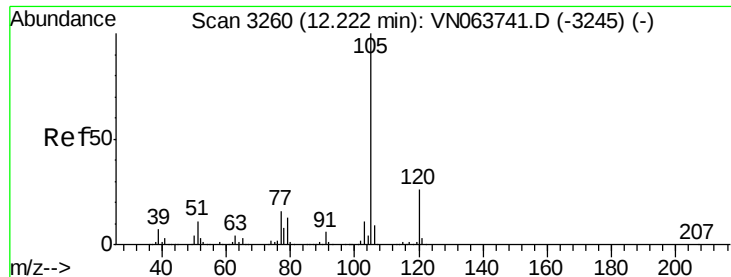
Acq: 2 Oct 2020 22:20

Tgt Ion:	152	Resp:	189410
Ion Ratio	Lower	Upper	
152	100		
115	63.5	31.3	93.8
150	174.2	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: 51.267 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 708270

Ion Ratio Lower Upper

105 100

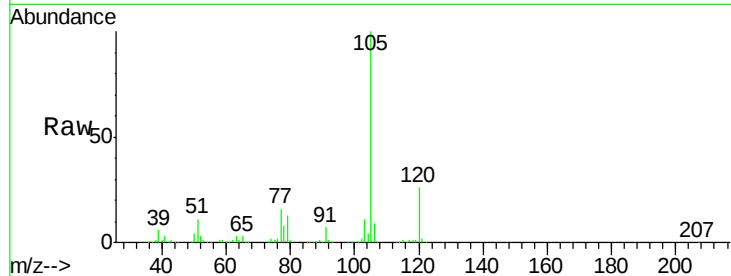
120 25.9 12.6 37.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

400000

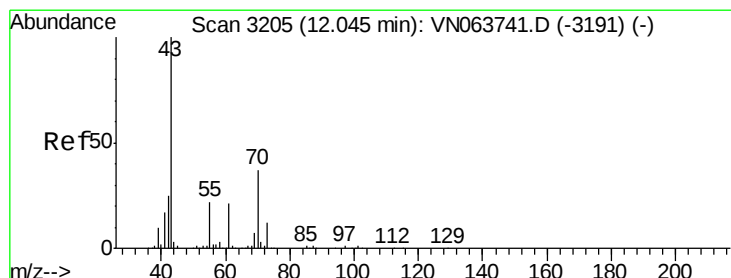
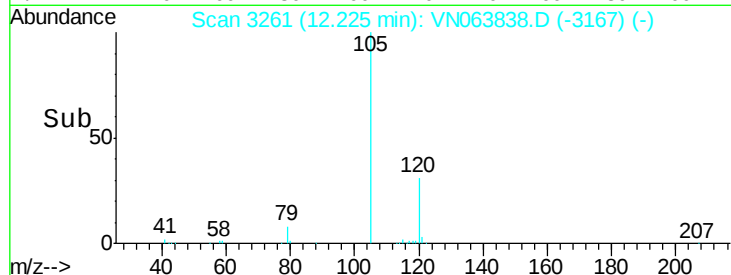
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 55.652 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Tgt Ion: 43 Resp: 359036

Ion Ratio Lower Upper

43 100

70 35.9 29.8 44.8

55 23.2 17.9 26.9

61 20.7 17.0 25.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

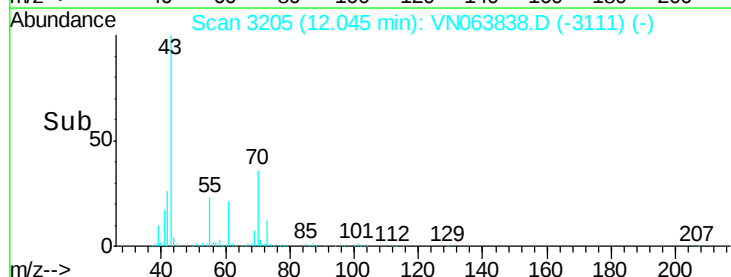
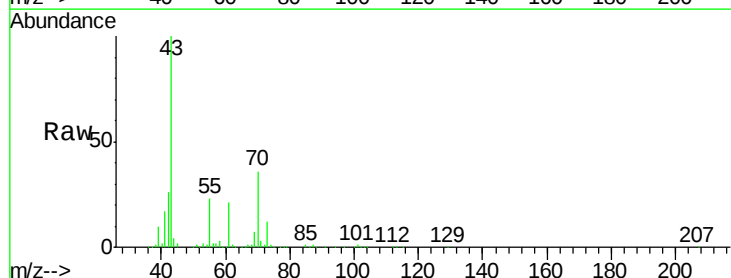
300000

200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.108 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

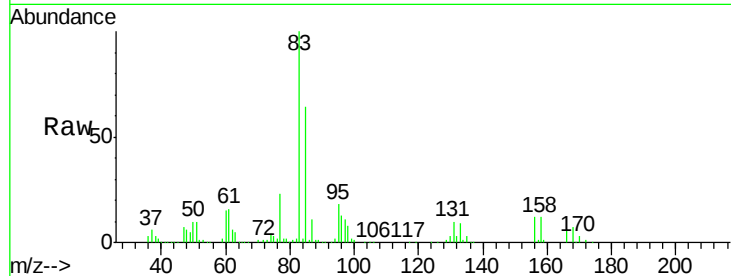
ClientSampleId :

VSTDCCC050

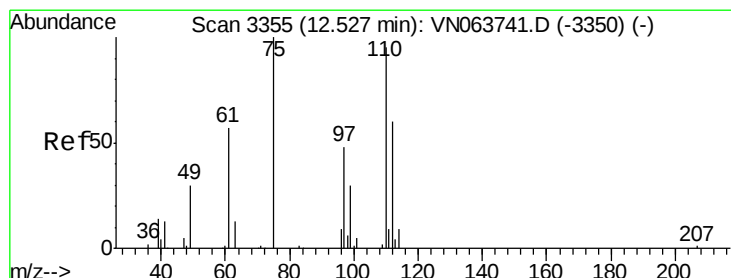
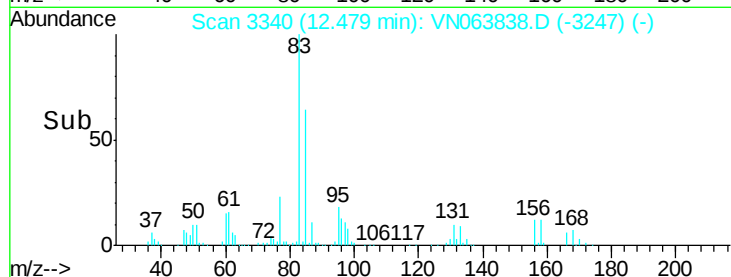
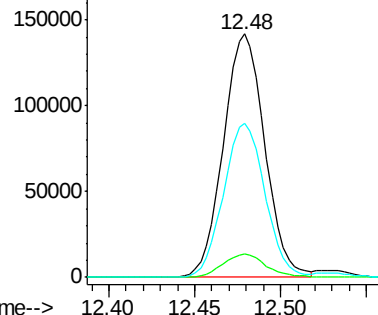
Tot Ion:	83	Resp:	237037
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.3	15.8
85	63.3	31.3	93.8

Manual Integrations
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10/5/2020 5:35:33 PM



Abundance Ion 82.90 (82.60 to 83.60): VN063838.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 53.947 ug/l m

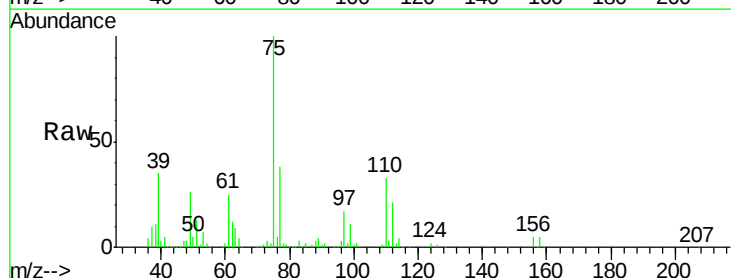
RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

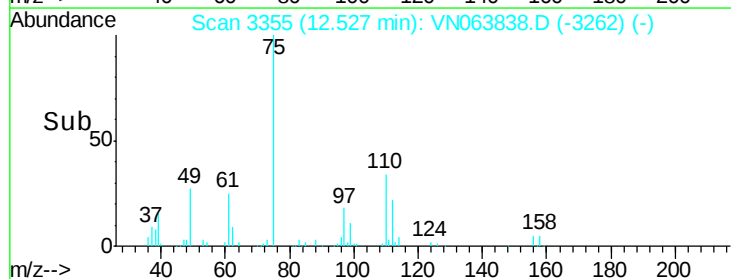
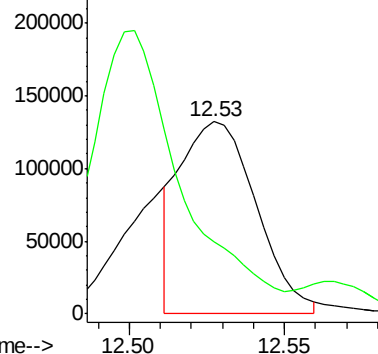
Lab File: VN063838.D

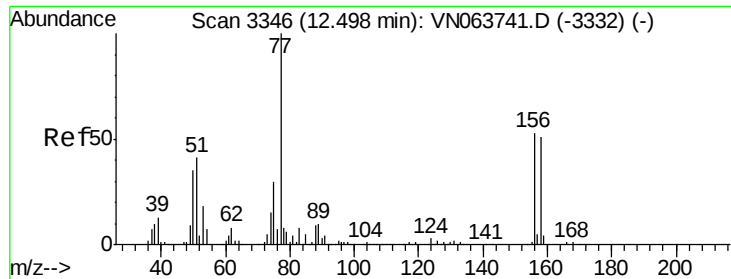
Acq: 2 Oct 2020 22:20

Tgt Ion:	75	Resp:	225247
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063838.D (-3262) (-)





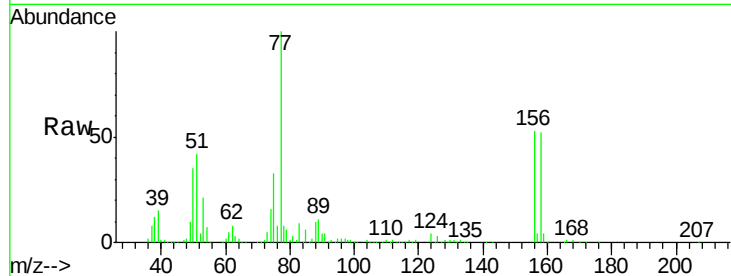
#77
Bromobenzene
Concen: 51.955 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

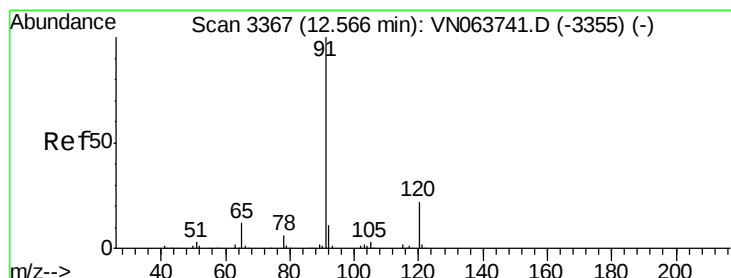
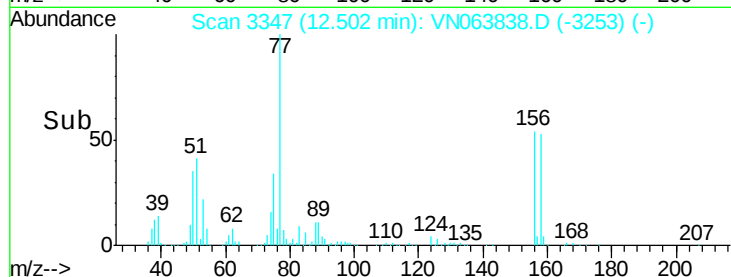
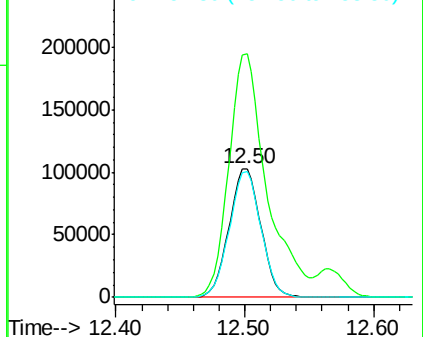
Tot Ion	Ratio	Lower	Upper
156	100		
77	225.6	110.9	332.7
158	97.4	47.7	143.1

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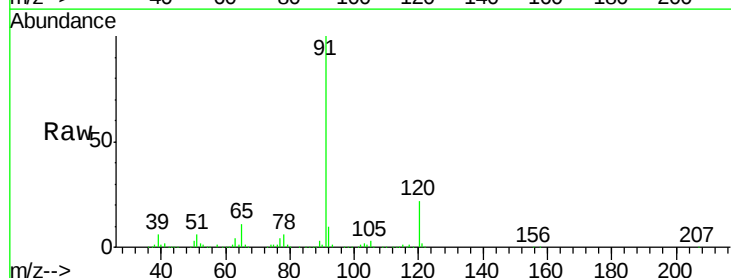


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

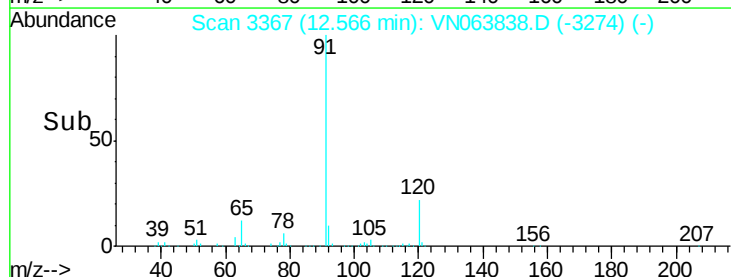
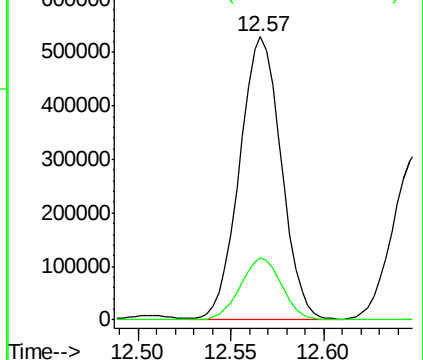


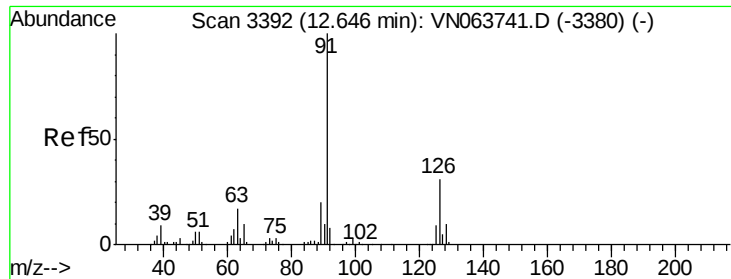
#78
n-propylbenzene
Concen: 51.136 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.672 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 510961

Ion Ratio Lower Upper

91 100

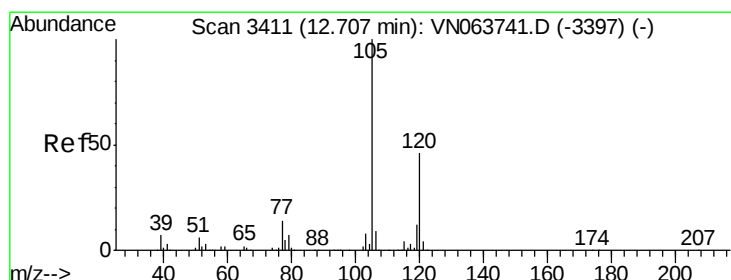
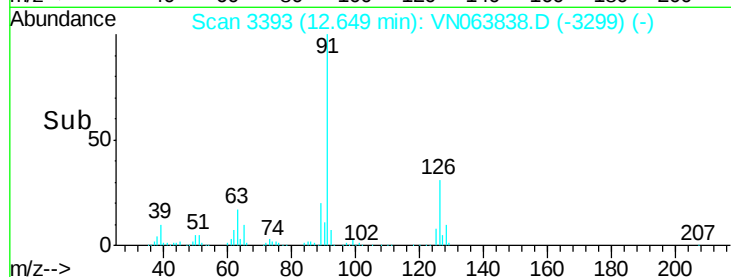
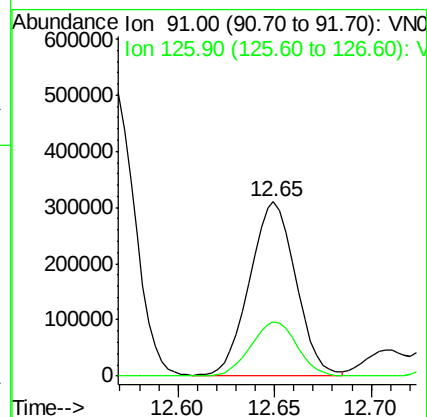
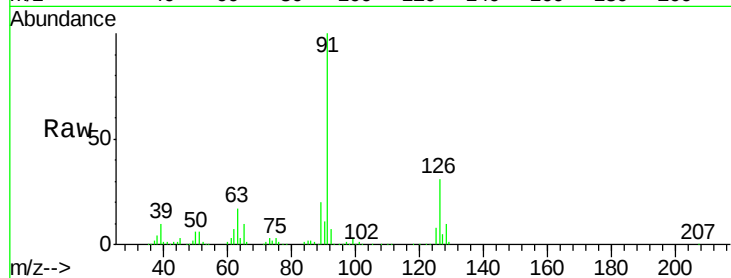
126 31.5 15.9 47.7

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#80

1,3,5-Trimethylbenzene

Concen: 51.878 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063838.D

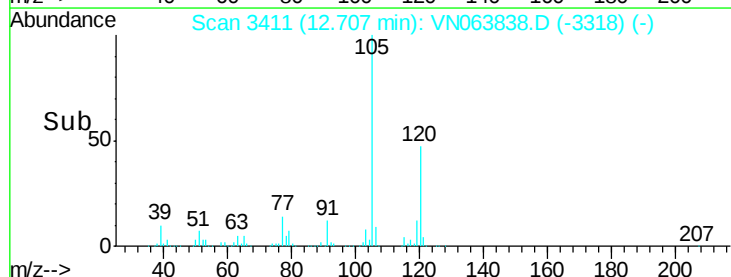
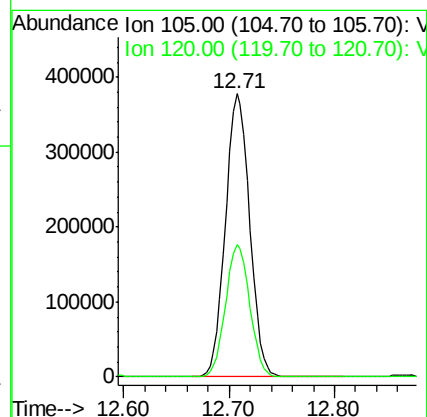
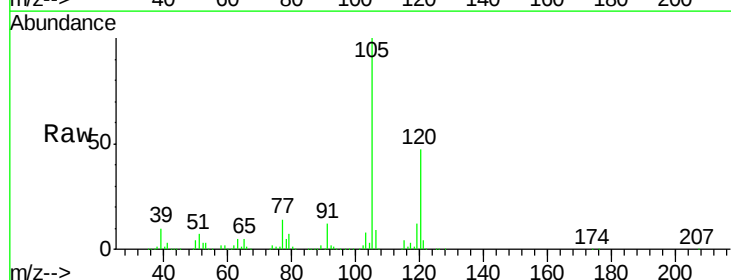
Acq: 2 Oct 2020 22:20

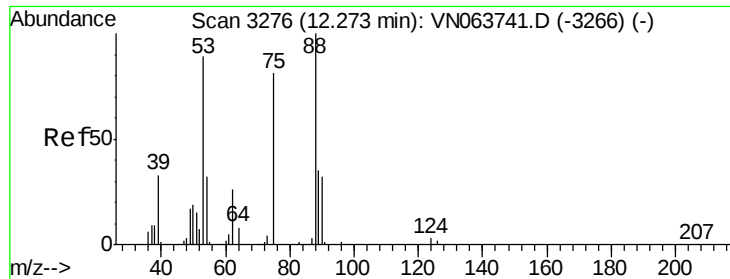
Tgt Ion: 105 Resp: 601289

Ion Ratio Lower Upper

105 100

120 46.8 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 52.128 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Instrument :

MSVOA_N

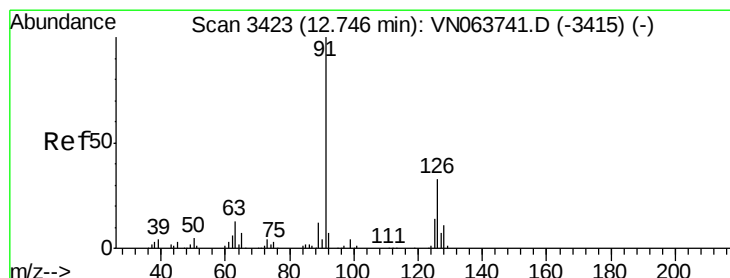
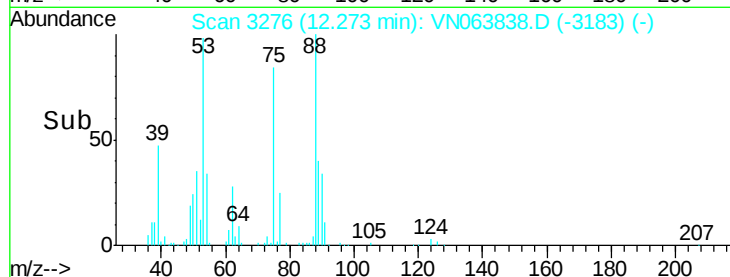
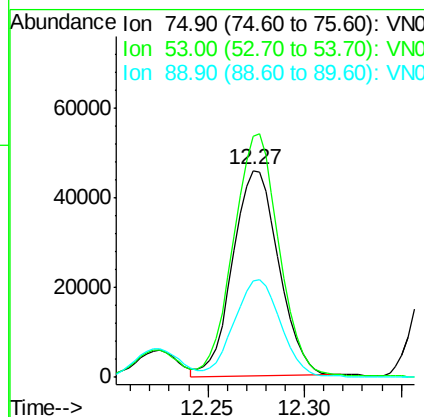
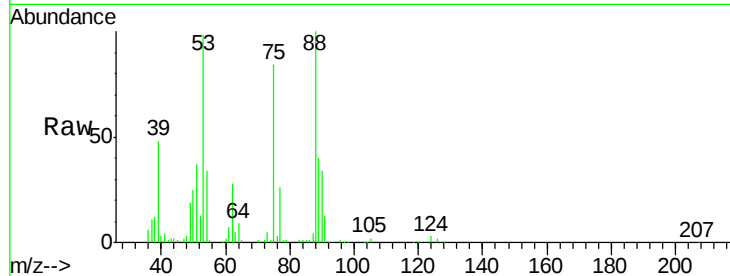
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	75569
Ion	Ratio	Lower	Upper
75	100		
53	117.7	88.2	132.2
89	48.5	36.0	54.0

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#82

4-Chlorotoluene

Concen: 51.473 ug/l

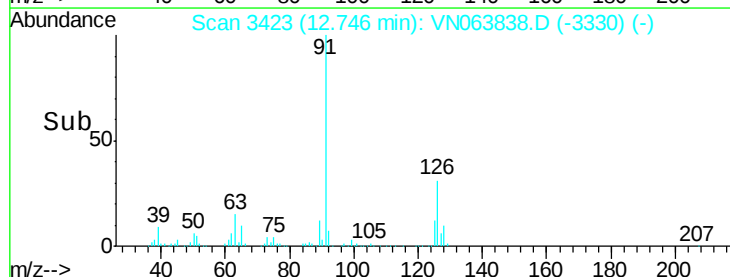
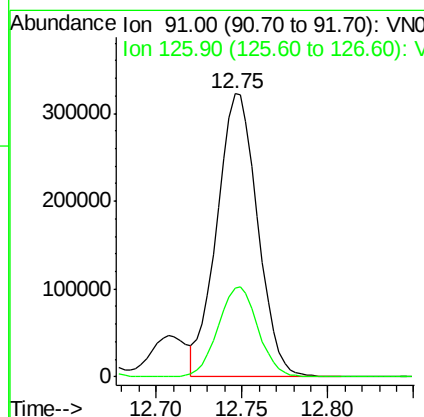
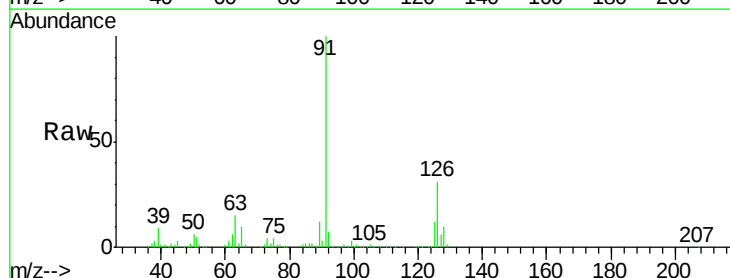
RT: 12.75 min Scan# 3423

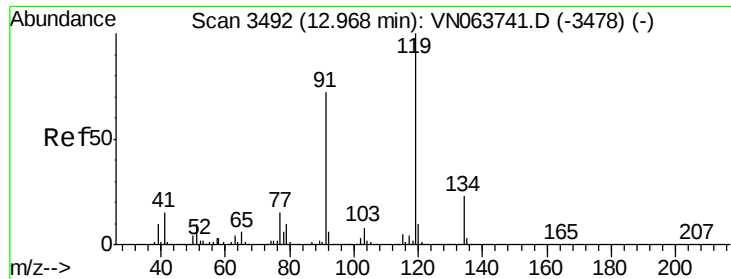
Delta R.T. 0.00 min

Lab File: VN063838.D

Acq: 2 Oct 2020 22:20

Tgt Ion:	91	Resp:	528386
Ion	Ratio	Lower	Upper
91	100		
126	31.3	15.4	46.2





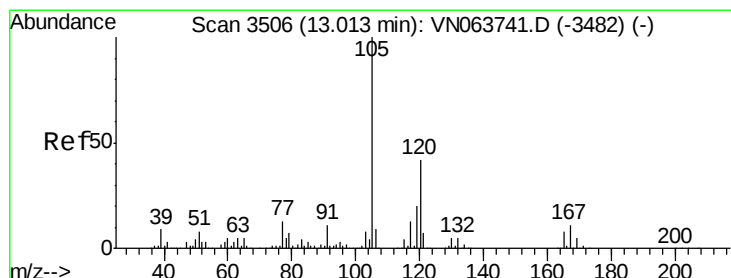
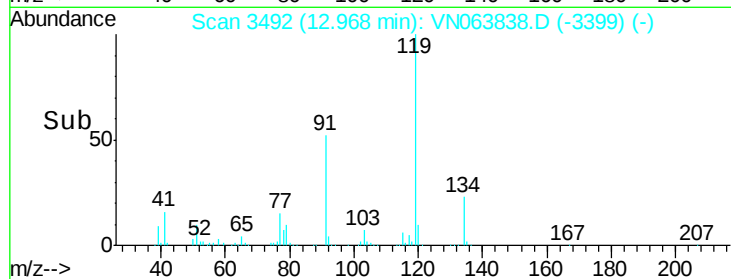
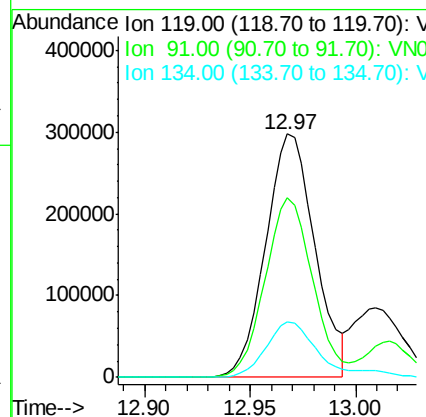
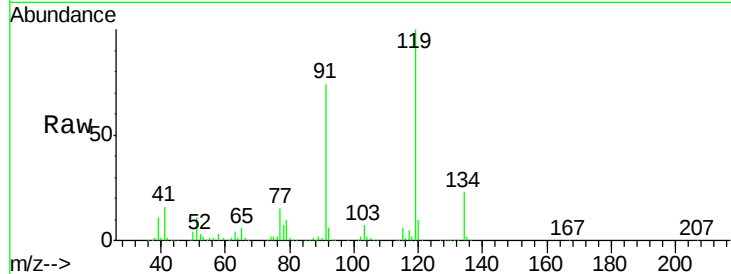
#83
 tert-Butylbenzene
 Concen: 51.037 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.2	35.5	106.5
134	24.8	11.7	35.1

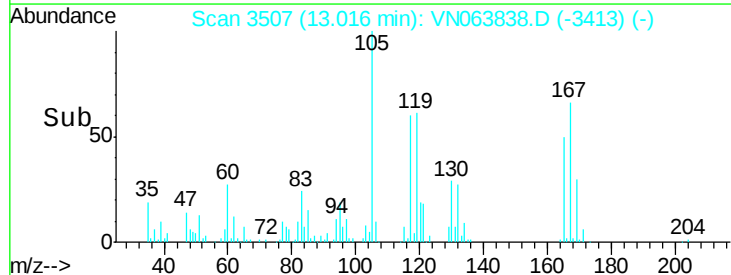
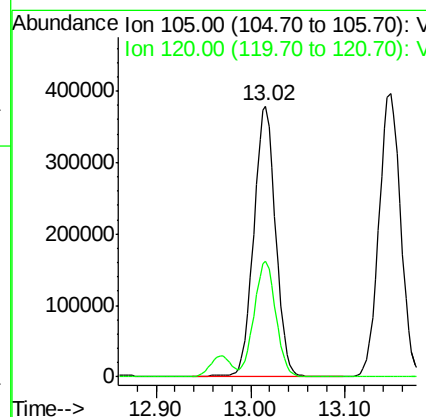
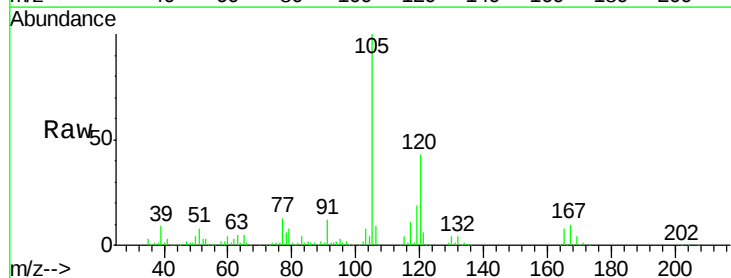
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.667 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.3	20.9	62.7





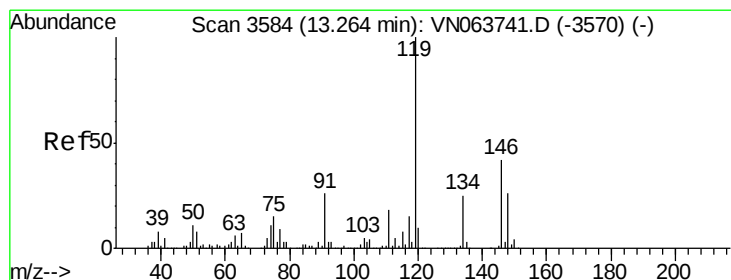
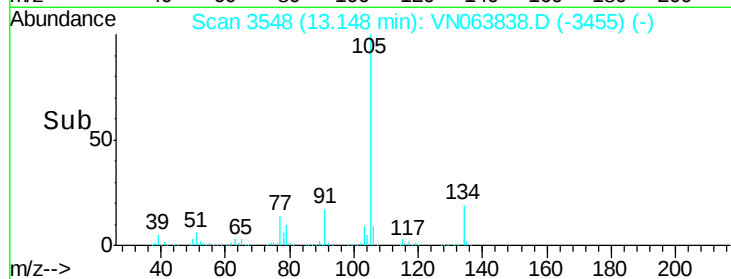
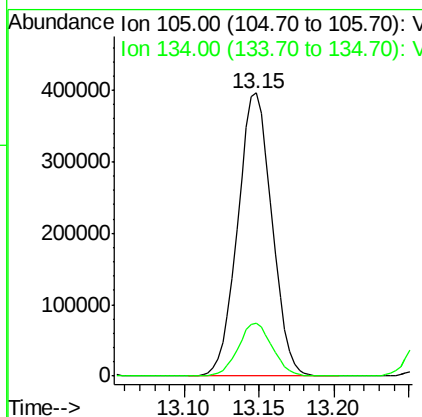
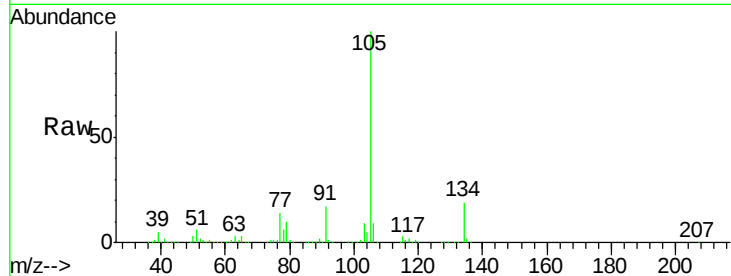
#85
 sec-Butylbenzene
 Concen: 50.509 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
105	100	628958		
134	18.8	9.5	28.5	

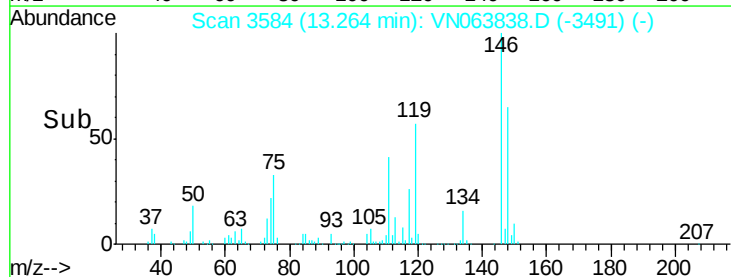
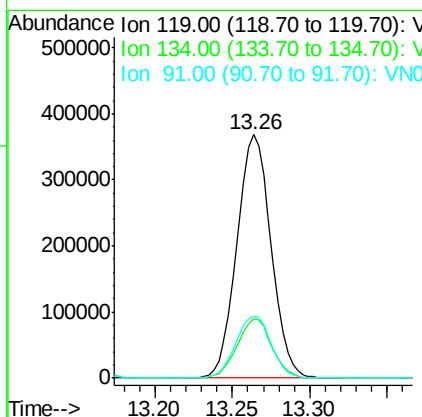
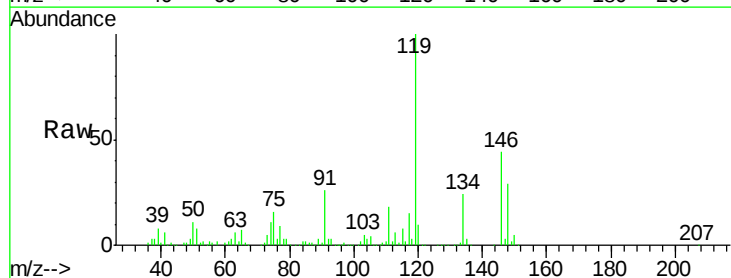
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 51.181 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	563816		
134	24.7	12.6	37.8	
91	26.8	13.4	40.2	





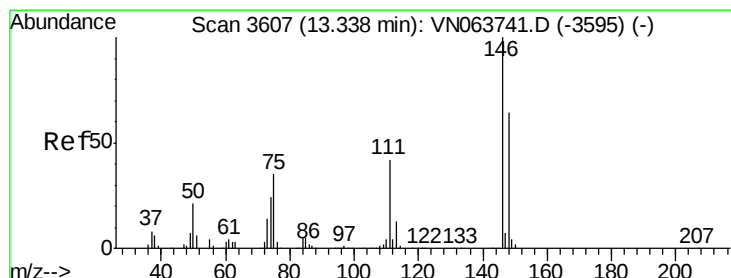
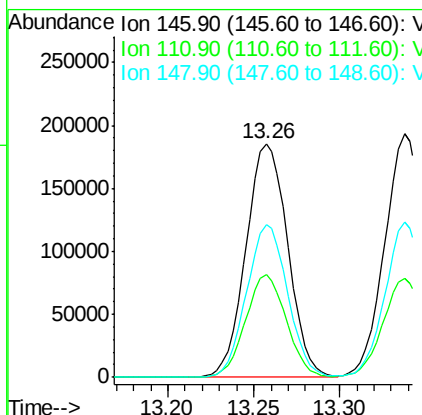
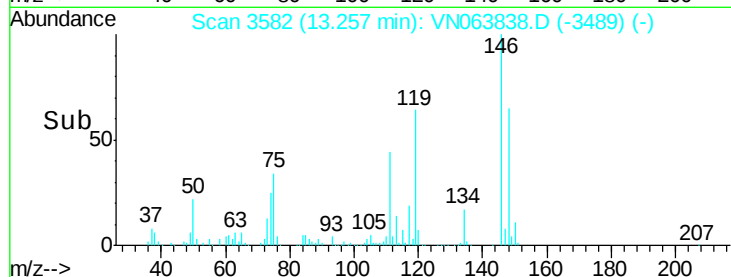
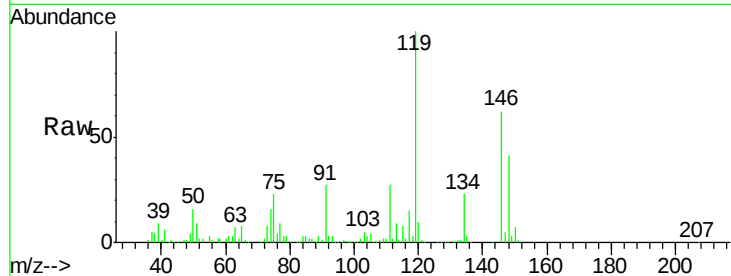
#87
 1,3-Dichlorobenzene
 Concen: 51.253 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.5	64.5
148	64.0	31.1	93.3

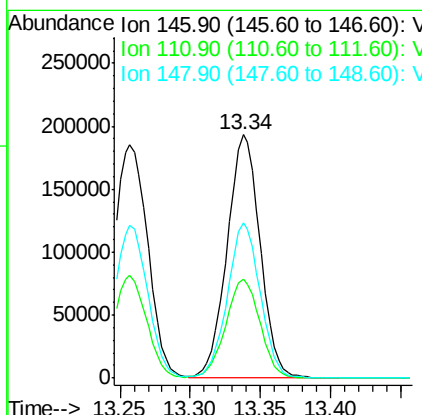
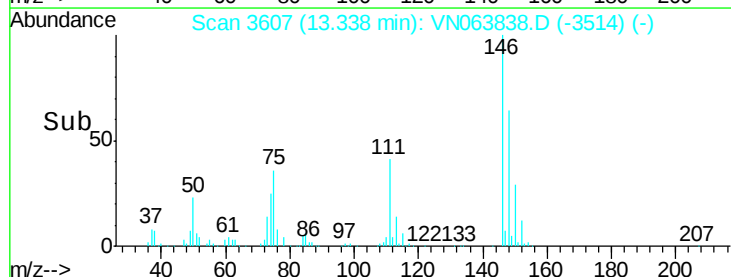
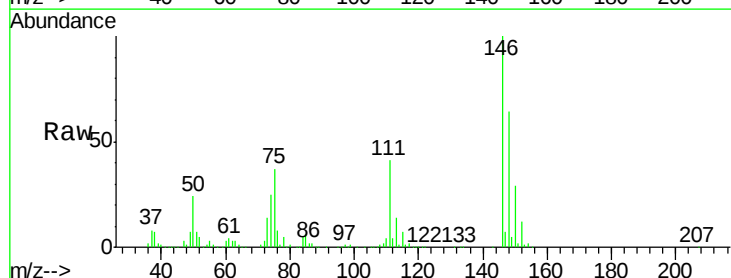
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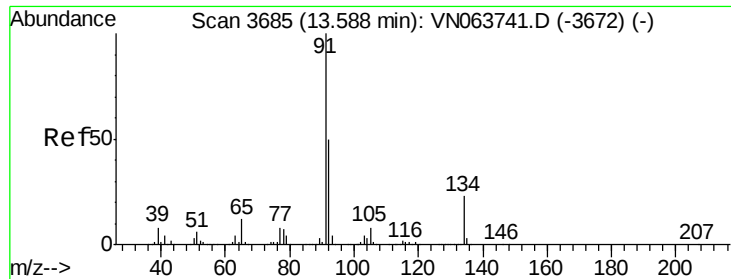
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#88
 1,4-Dichlorobenzene
 Concen: 49.396 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	63.2	32.0	96.0





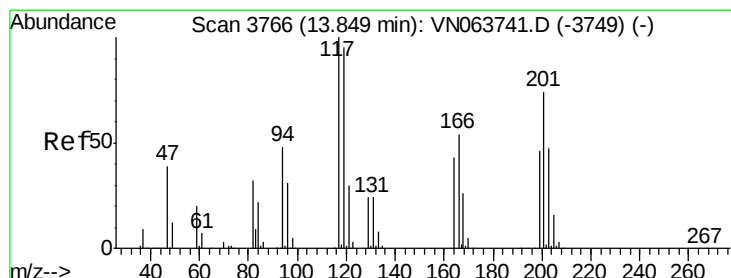
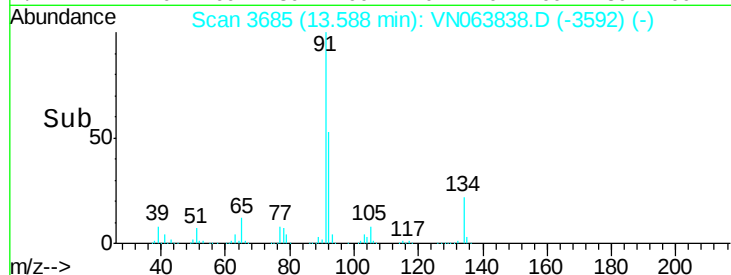
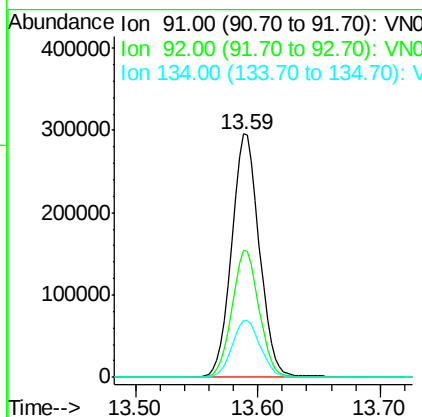
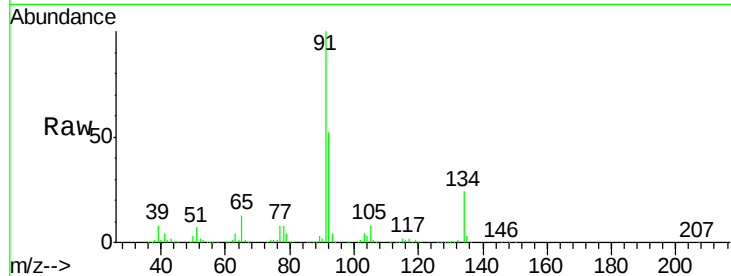
#89
n-Butylbenzene
Concen: 45.985 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	25.4	76.4
134	23.7	11.7	35.1

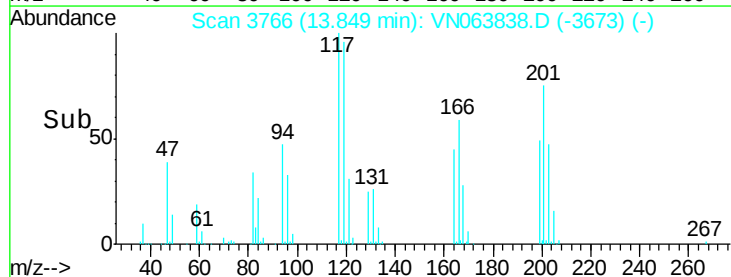
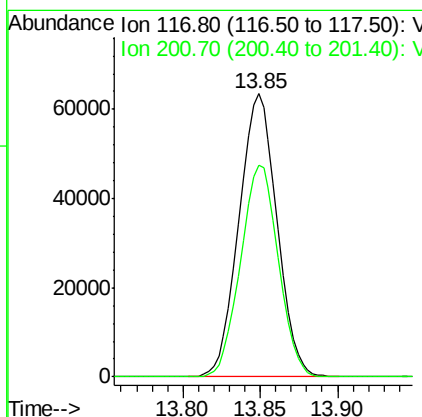
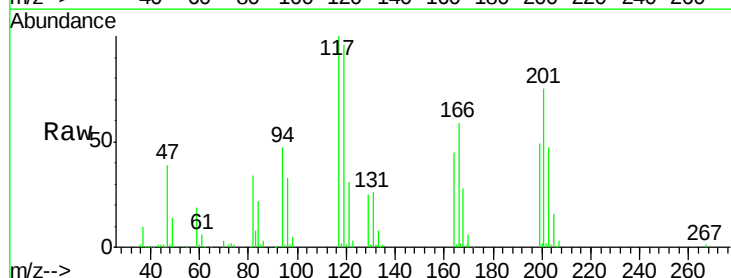
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#90
Hexachloroethane
Concen: 50.811 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.5	36.0	108.0





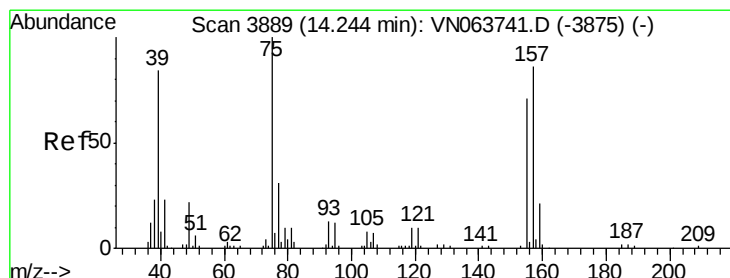
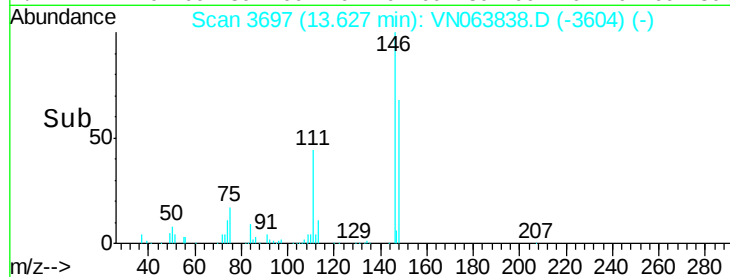
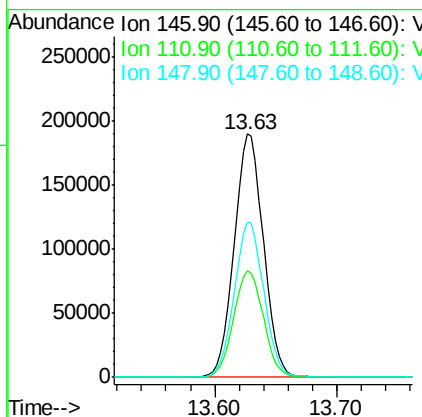
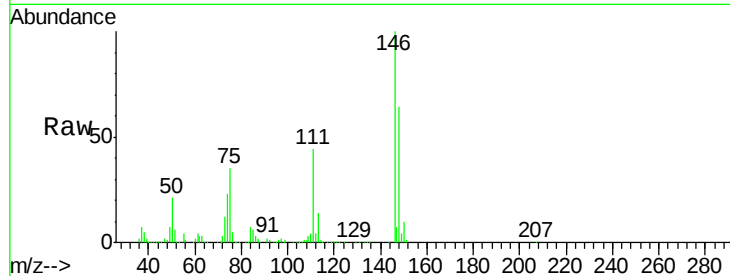
#91
 1,2-Dichlorobenzene
 Concen: 51.990 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	146	Resp:	315811
Ion Ratio	Lower	Upper	
146	100		
111	44.5	22.2	66.6
148	64.3	32.5	97.4

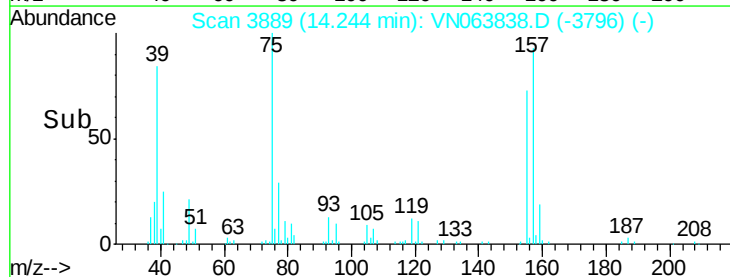
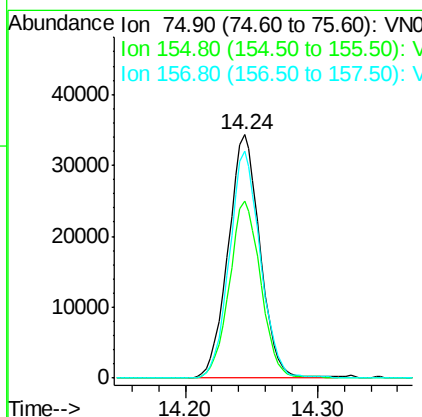
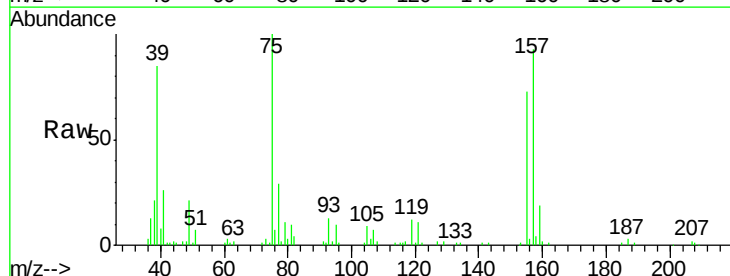
Manual Integrations
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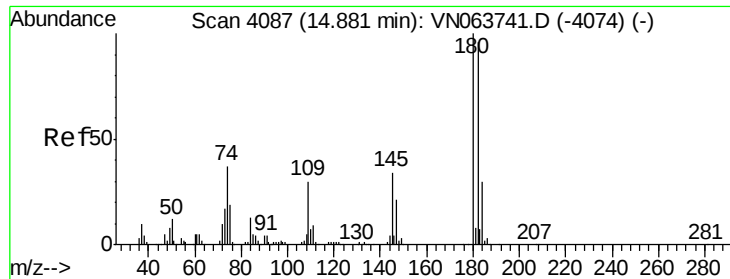
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.785 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion:	75	Resp:	57251
Ion Ratio	Lower	Upper	
75	100		
155	71.2	34.8	104.5
157	90.5	43.7	131.1





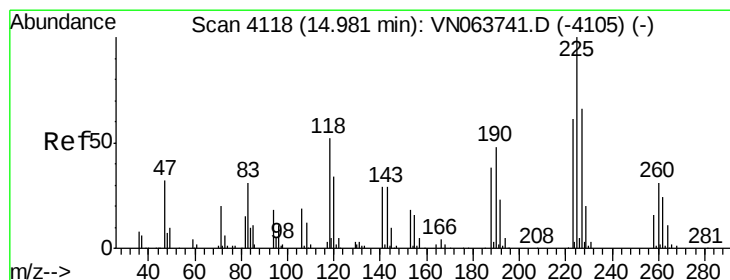
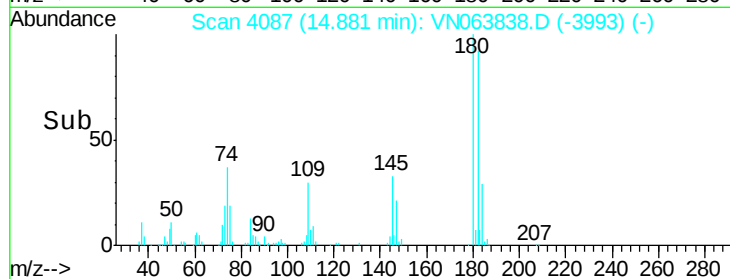
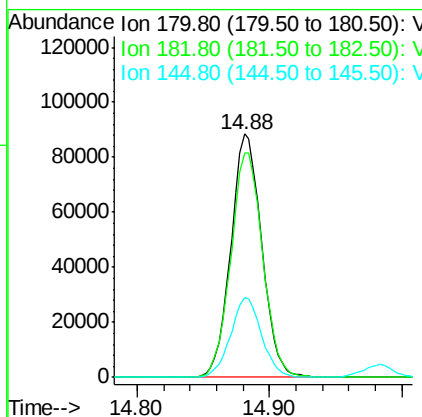
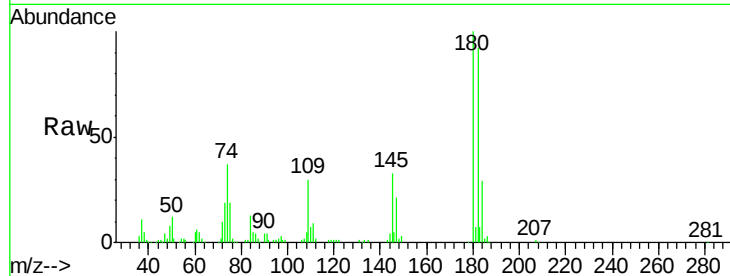
#93
 1,2,4-Trichlorobenzene
 Concen: 43.596 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	143240		
182	95.2	48.2	144.6	
145	33.0	17.1	51.2	

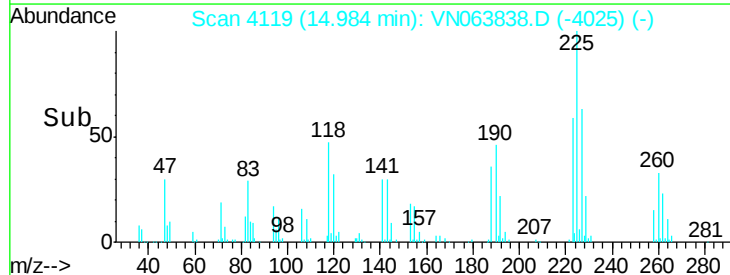
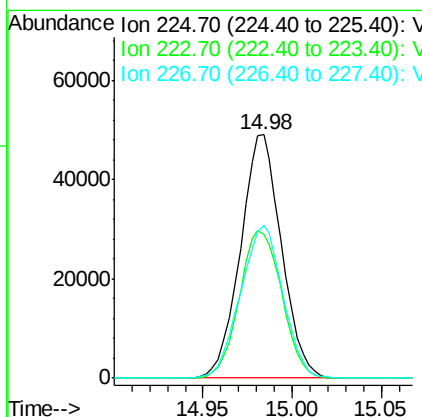
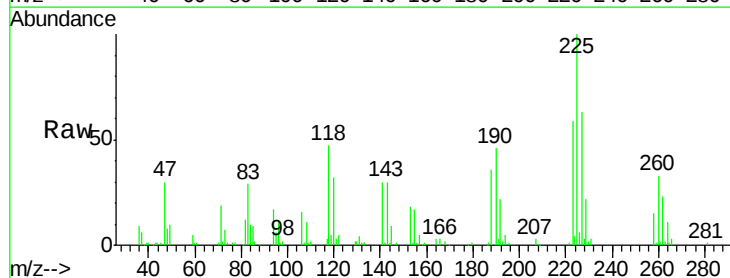
Manual Integrations
 APPROVED

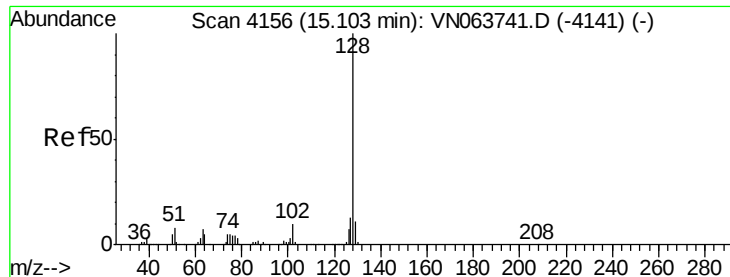
MMDadoda
 10/5/2020 5:35:33 PM



#94
 Hexachlorobutadiene
 Concen: 47.842 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063838.D
 Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	78792		
223	62.5	30.3	91.0	
227	64.8	31.9	95.5	





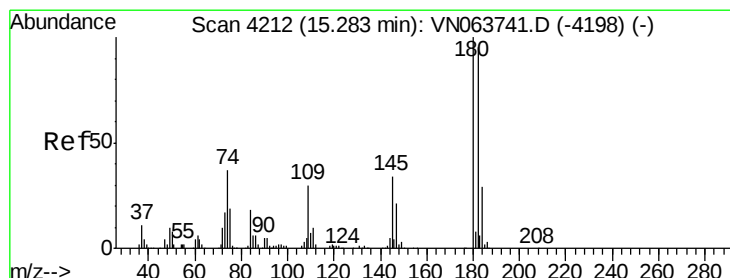
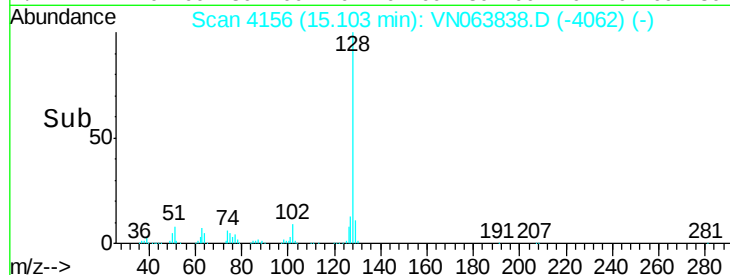
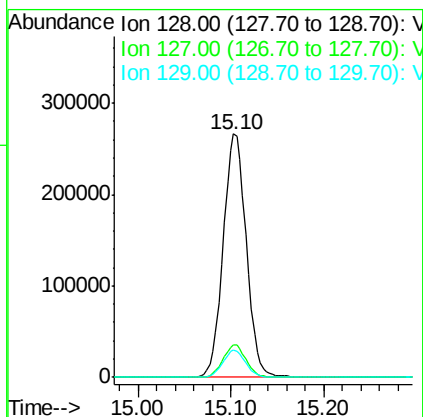
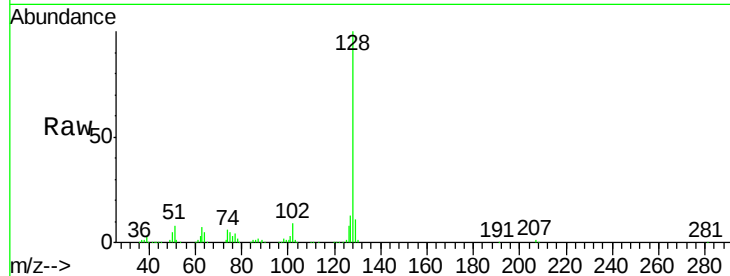
#95
Naphthalene
Concen: 45.307 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/5/2020 5:35:33 PM



#96
1,2,3-Trichlorobenzene
Concen: 44.529 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063838.D
Acq: 2 Oct 2020 22:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.9	143.6
145	33.8	17.2	51.5

