

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064050.D
 Acq On : 9 Oct 2020 20:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:10:11 PM

Quant Time: Oct 10 02:45:15 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	238152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	389327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	369265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174137	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	188994	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
35) Dibromofluoromethane	7.55	113	134503	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
50) Toluene-d8	10.06	98	507400	49.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.10%	
62) 4-Bromofluorobenzene	12.38	95	189427	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	112421	44.737	ug/l	99
3) Chloromethane	2.04	50	137284	46.560	ug/l	99
4) Vinyl Chloride	2.16	62	138050	46.643	ug/l	99
5) Bromomethane	2.52	94	79921	42.930	ug/l	98
6) Chloroethane	2.67	64	90631	51.245	ug/l	97
7) Trichlorofluoromethane	2.98	101	226019	48.150	ug/l	99
8) Diethyl Ether	3.38	74	80212	50.526	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	123444	49.202	ug/l	99
10) Methyl Iodide	3.91	142	148996	51.146	ug/l	97
11) Tert butyl alcohol	4.73	59	125132	288.074	ug/l	99
12) 1,1-Dichloroethene	3.70	96	118541	49.430	ug/l	99
13) Acrolein	3.57	56	99660	373.826	ug/l	99
14) Allyl chloride	4.28	41	246428	55.312	ug/l	90
15) Acrylonitrile	4.93	53	379467	305.192	ug/l	99
16) Acetone	3.77	43	343984	284.015	ug/l	99
17) Carbon Disulfide	4.01	76	308571	47.640	ug/l	98
18) Methyl Acetate	4.28	43	199277	63.371	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	462420	53.074	ug/l	99
20) Methylene Chloride	4.51	84	149010	53.707	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	131583	48.986	ug/l	98
22) Diisopropyl ether	5.90	45	544206	59.369	ug/l	98
23) Vinyl Acetate	5.84	43	2207234	290.688	ug/l	99
24) 1,1-Dichloroethane	5.80	63	279421	53.313	ug/l	98
25) 2-Butanone	6.78	43	530773	309.109	ug/l	97
26) 2,2-Dichloropropane	6.78	77	219209	45.671	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	155735	50.411	ug/l	98
28) Bromochloromethane	7.15	49	142048	54.836	ug/l	95
29) Tetrahydrofuran	7.17	42	366935	318.616	ug/l	94
30) Chloroform	7.33	83	288165	52.731	ug/l	95
31) Cyclohexane	7.61	56	223715	48.978	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	254527	51.637	ug/l	98
36) 1,1-Dichloropropene	7.76	75	200084	50.728	ug/l	99
37) Ethyl Acetate	6.88	43	224800	57.366	ug/l	98
38) Carbon Tetrachloride	7.74	117	220441	49.841	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	186043	47.299	ug/l	99
40) Benzene	8.00	78	592572	52.599	ug/l	99
41) Methacrylonitrile	7.13	41	89502m	51.390	ug/l	
42) 1,2-Dichloroethane	8.09	62	240851	50.084	ug/l	100
43) Isopropyl Acetate	8.13	43	374642	57.961	ug/l	99
44) Trichloroethene	8.80	130	144968	49.112	ug/l	97
45) 1,2-Dichloropropane	9.08	63	170460	56.026	ug/l	99
46) Dibromomethane	9.18	93	106370	50.679	ug/l	99
47) Bromodichloromethane	9.37	83	232245	53.690	ug/l	99
48) Methyl methacrylate	9.17	41	190783	59.742	ug/l	91
49) 1,4-Dioxane	9.16	88	48724	1073.541	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1193736	314.705	ug/l	99
52) Toluene	10.13	92	368660	52.905	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	245141	52.868	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	257967	53.196	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	153593	54.962	ug/l	97
56) Ethyl methacrylate	10.40	69	228381	57.656	ug/l	95
57) 1,3-Dichloropropane	10.68	76	260941	55.192	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	614263	289.904	ug/l	98
59) 2-Hexanone	10.72	43	869048	308.412	ug/l	100
60) Dibromochloromethane	10.87	129	171611	52.731	ug/l	100
61) 1,2-Dibromoethane	10.98	107	157654	55.151	ug/l	99
64) Tetrachloroethene	10.60	164	132915	46.524	ug/l	98
65) Chlorobenzene	11.41	112	384807	50.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	156730	53.971	ug/l	100
67) Ethyl Benzene	11.49	91	725386	52.628	ug/l	99
68) m/p-Xylenes	11.59	106	529526	103.080	ug/l	97
69) o-Xylene	11.92	106	247721	51.593	ug/l	97
70) Styrene	11.94	104	441741	54.200	ug/l	100
71) Bromoform	12.10	173	118309	53.269	ug/l #	98
73) Isopropylbenzene	12.23	105	682736	53.753	ug/l	100
74) N-amyl acetate	12.05	43	324698	54.780	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	220082	56.664	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	211157m	55.008	ug/l	
77) Bromobenzene	12.50	156	165446	53.085	ug/l	96
78) n-propylbenzene	12.57	91	789634	53.419	ug/l	100
79) 2-Chlorotoluene	12.65	91	487876	53.665	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	577555	54.201	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.28	75	71706	53.801	ug/l	97
82) 4-Chlorotoluene	12.75	91	516841	54.764	ug/l	100
83) tert-Butylbenzene	12.97	119	459552	52.724	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	590016	55.459	ug/l	97
85) sec-Butylbenzene	13.15	105	613993	53.632	ug/l	100
86) p-Isopropyltoluene	13.26	119	542115	53.528	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	296588	52.602	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	296380	50.484	ug/l	100
89) n-Butylbenzene	13.59	91	464394	49.681	ug/l	100
90) Hexachloroethane	13.85	117	104408	53.201	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	299784	53.680	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48979	53.772	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	137428	45.420	ug/l	99
94) Hexachlorobutadiene	14.98	225	80450	53.126	ug/l	99
95) Naphthalene	15.11	128	418883	44.789	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	143606	48.796	ug/l	98

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

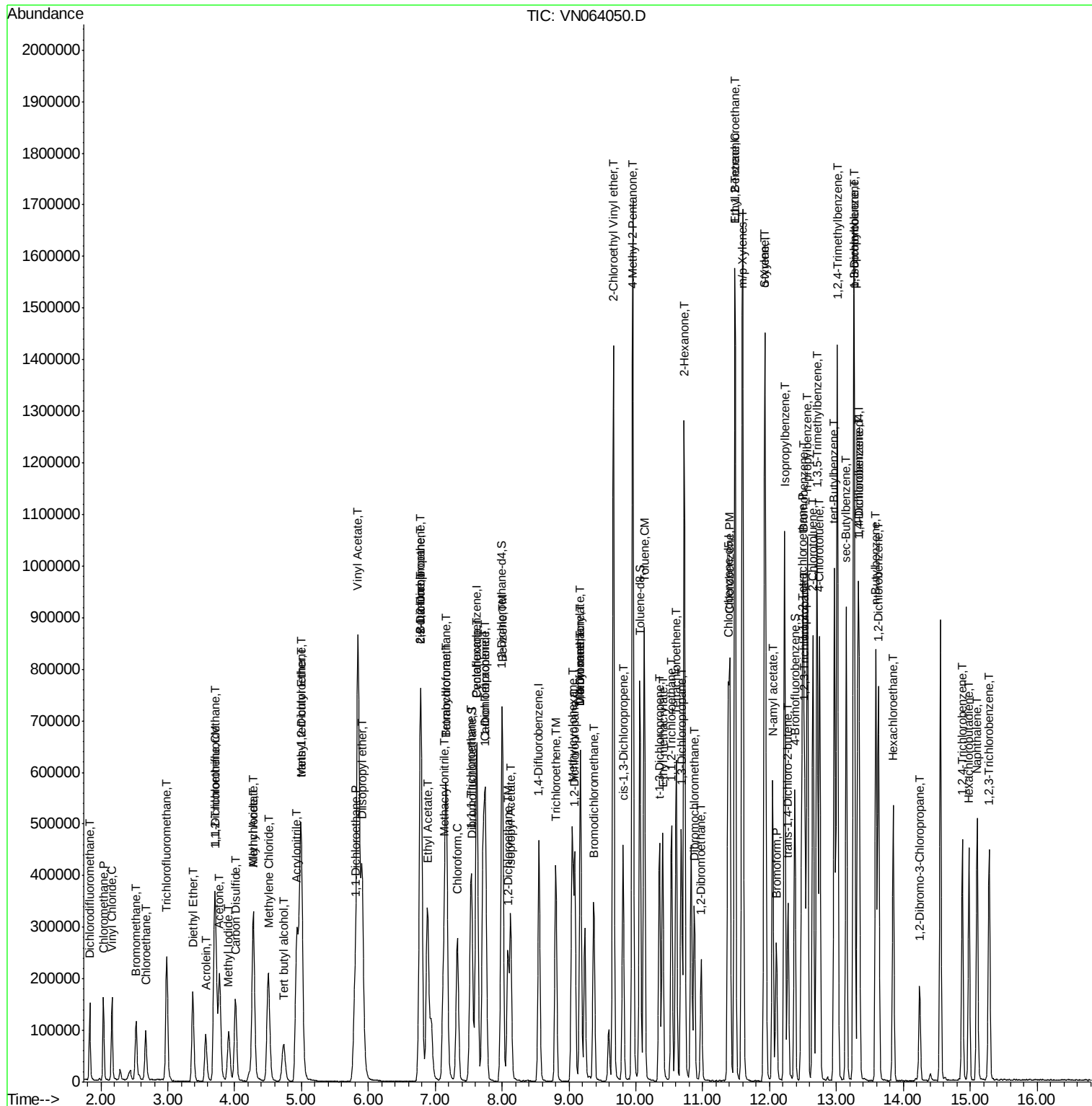
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 238152

Ion Ratio Lower Upper

168 100

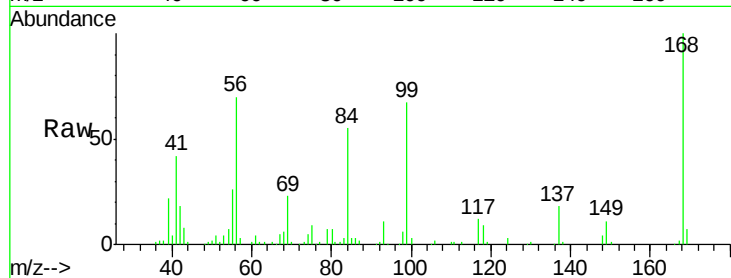
99 66.8 51.8 77.6

Manual Integrations

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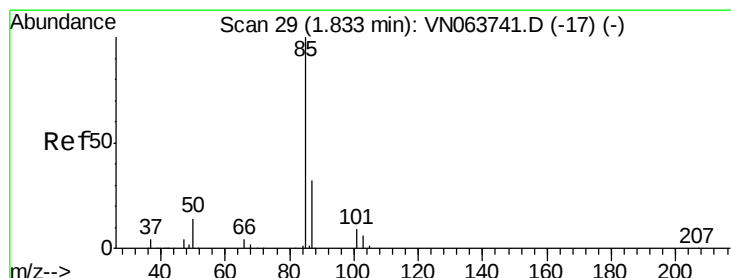
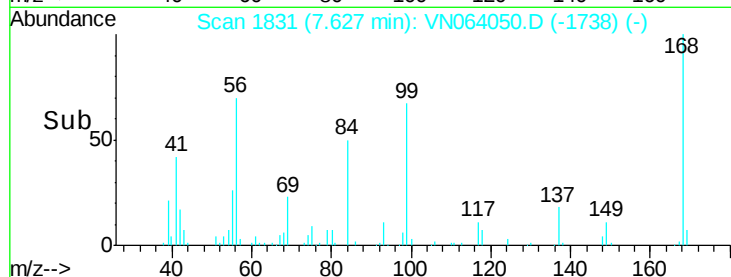
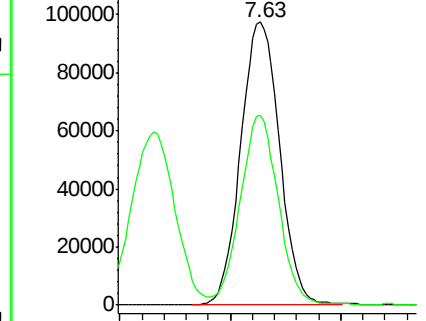
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 44.737 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064050.D

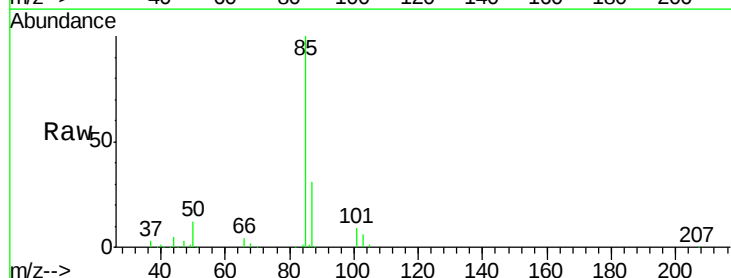
Acq: 9 Oct 2020 20:49

Tgt Ion: 85 Resp: 112421

Ion Ratio Lower Upper

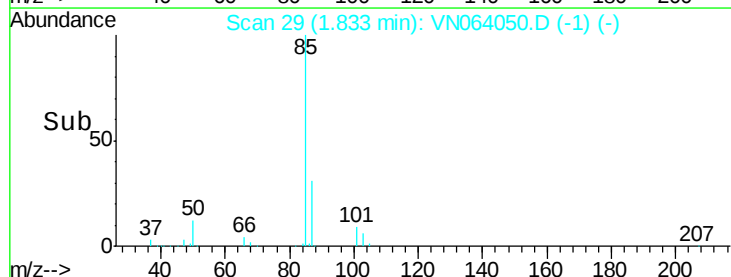
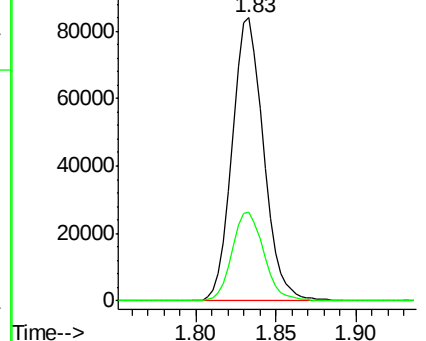
85 100

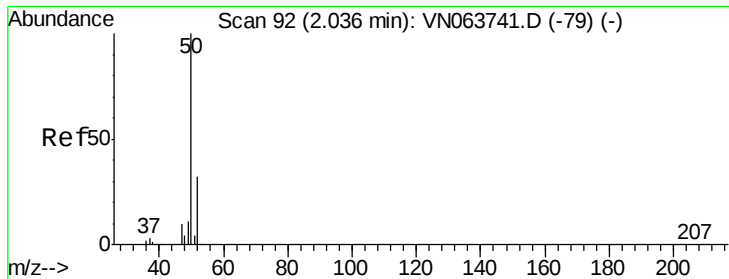
87 31.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.560 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 137284

Ion Ratio Lower Upper

50 100

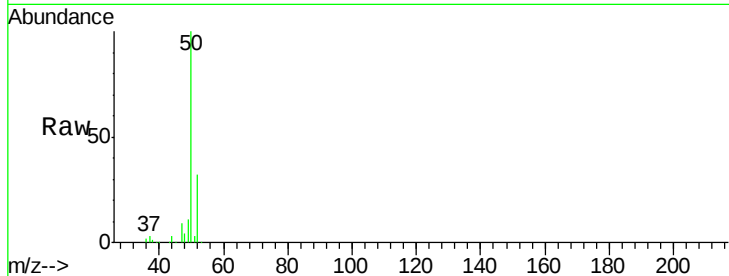
52 31.6 25.8 38.8

Manual Integrations

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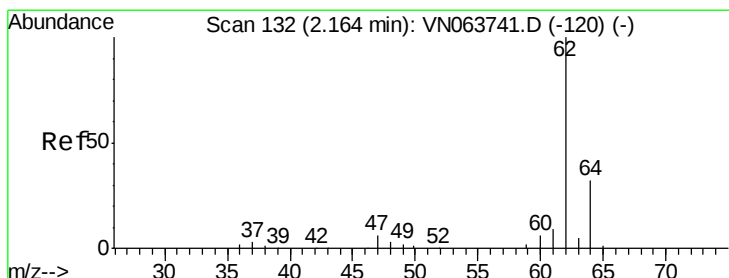
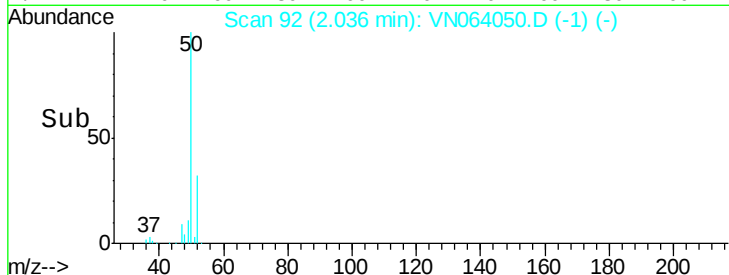
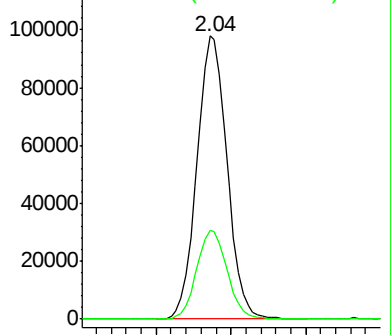
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 46.643 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064050.D

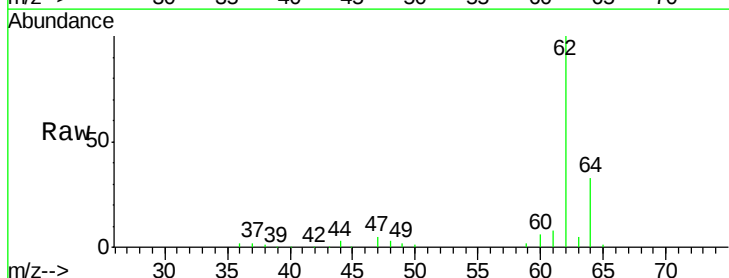
Acq: 9 Oct 2020 20:49

Tgt Ion: 62 Resp: 138050

Ion Ratio Lower Upper

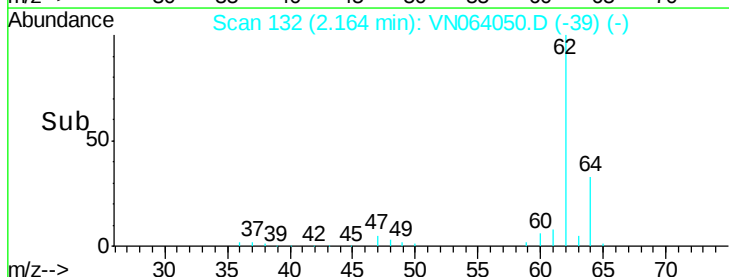
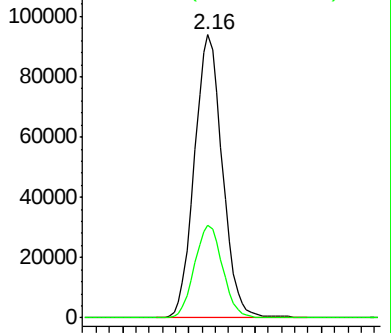
62 100

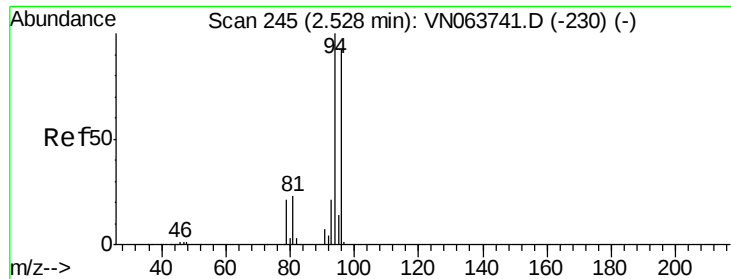
64 32.8 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 42.930 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

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Tot Ion: 94 Resp: 79921

Ion Ratio Lower Upper

94 100

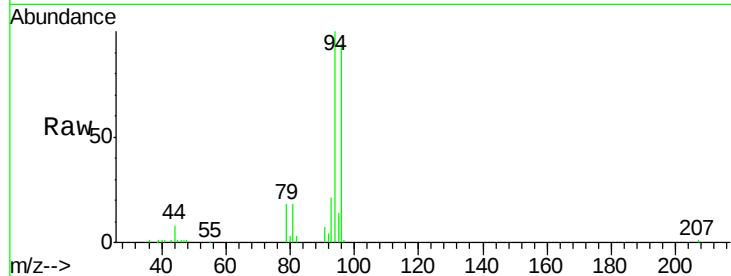
96 93.7 73.3 109.9

Manual Integrations

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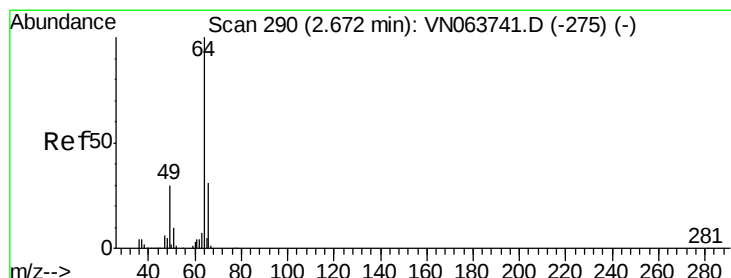
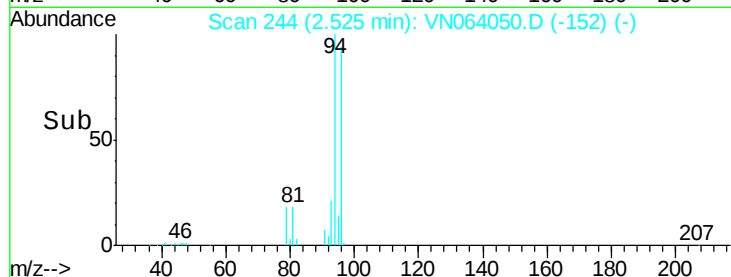
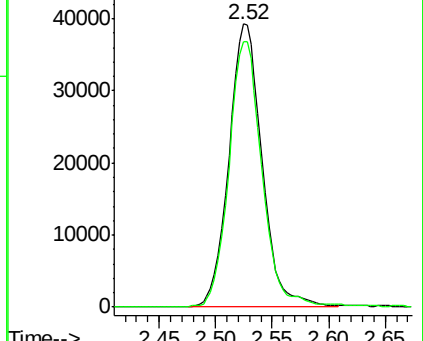
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 51.245 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064050.D

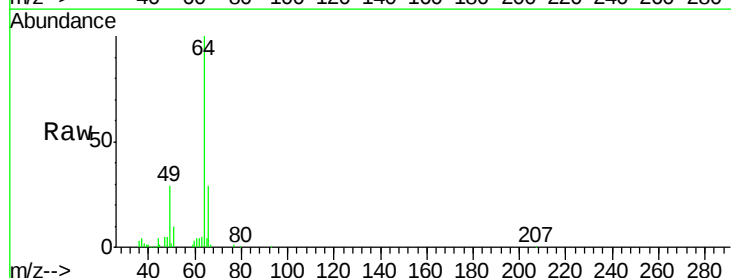
Acq: 9 Oct 2020 20:49

Tgt Ion: 64 Resp: 90631

Ion Ratio Lower Upper

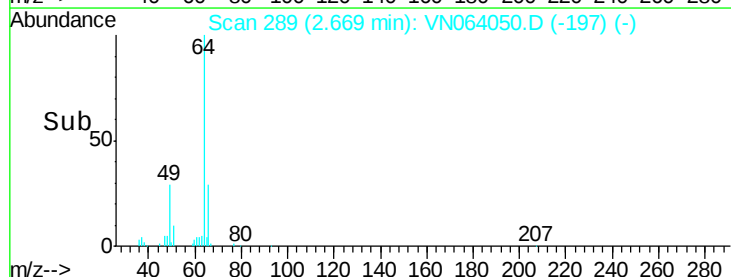
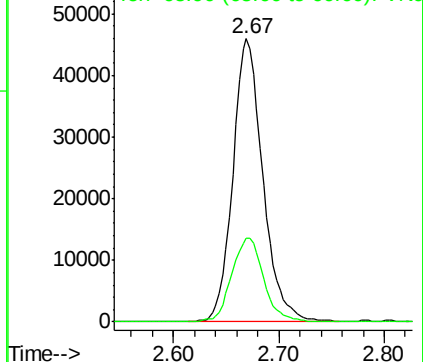
64 100

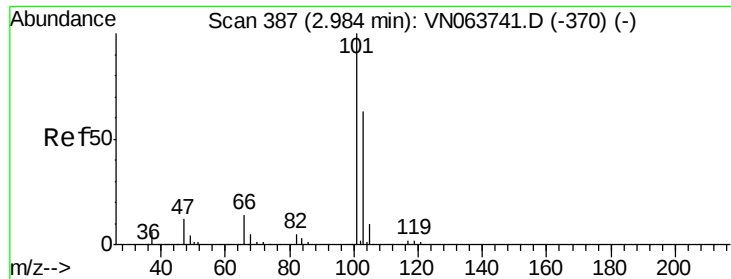
66 29.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

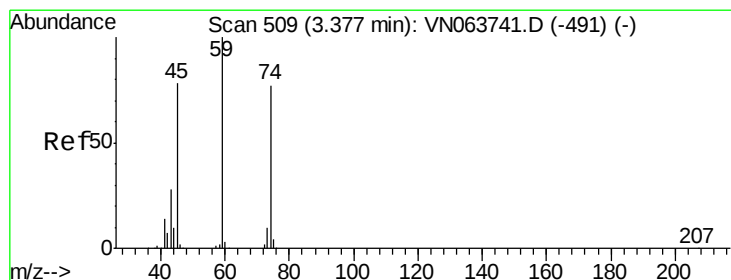
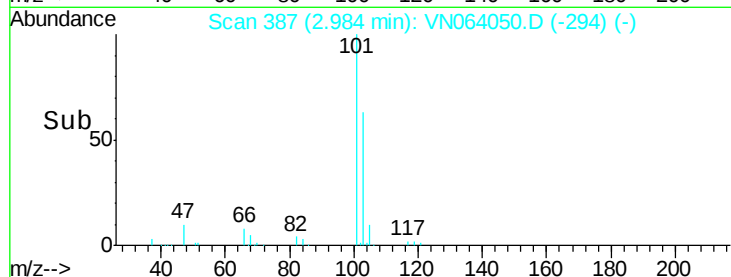
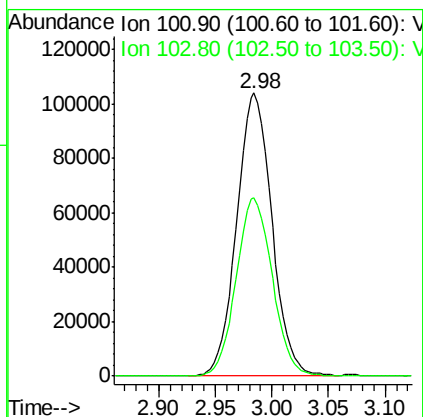
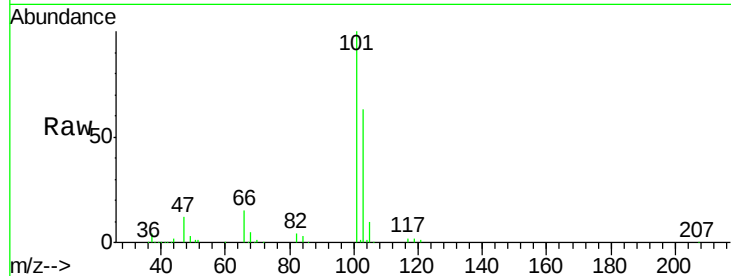
Trichlorofluoromethane
Concen: 48.150 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064050.D
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Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		226019		
103	63.0	50.7		76.1	

Manual Integrations
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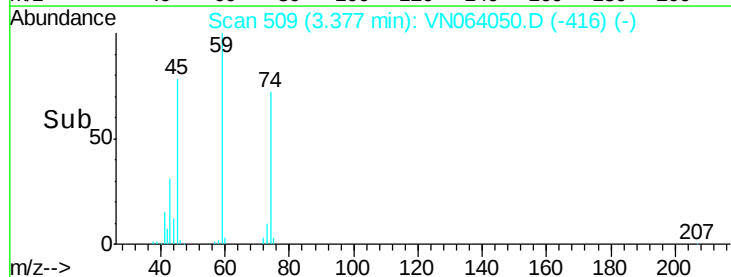
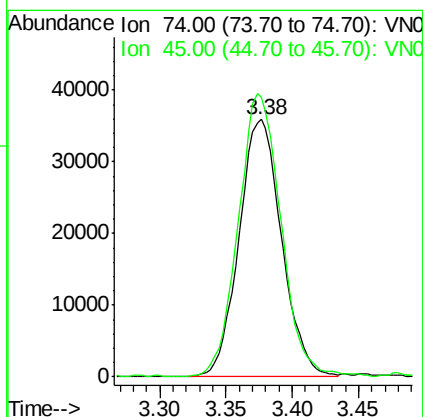
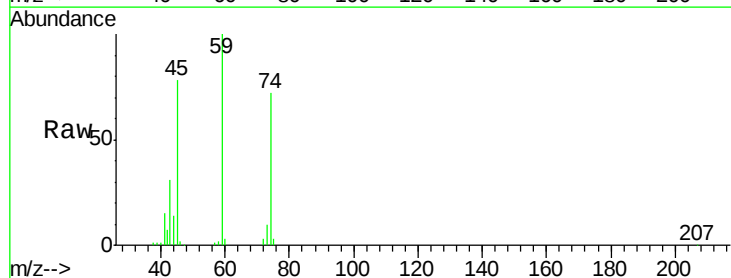
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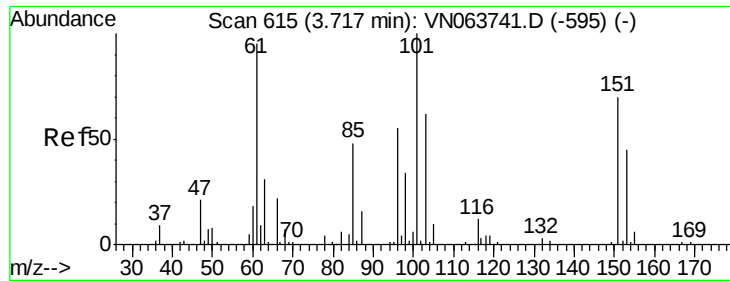


#8

Diethyl Ether
Concen: 50.526 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		80212		
45	110.9	50.9		152.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.202 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

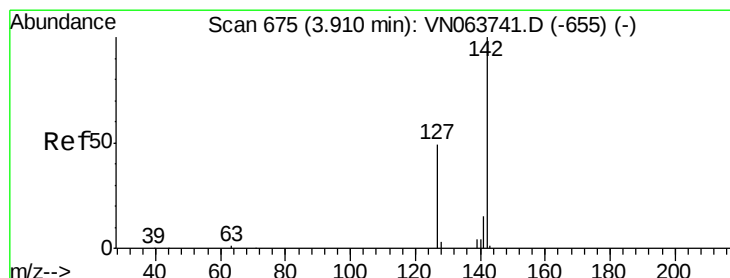
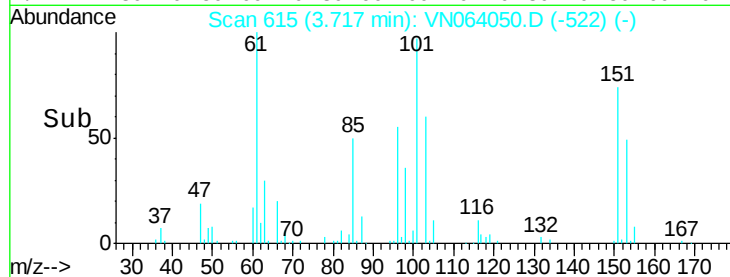
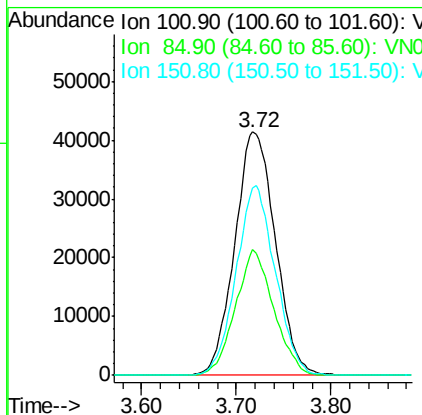
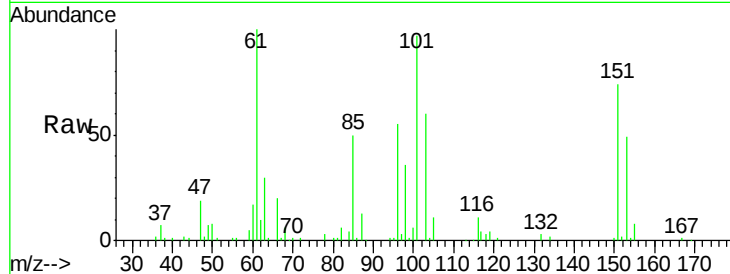
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	123444
Ion Ratio	Lower	Upper	
101	100		
85	48.4	38.6	58.0
151	75.2	58.7	88.1

Manual Integrations
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#10

Methyl Iodide

Concen: 51.146 ug/l

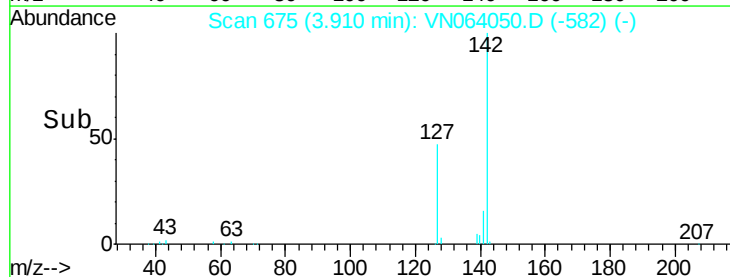
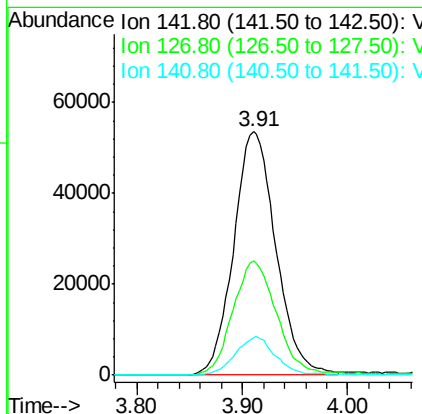
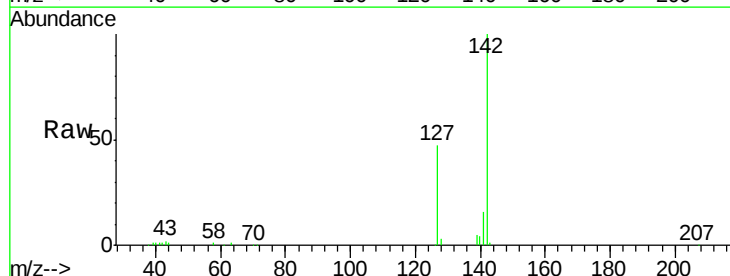
RT: 3.91 min Scan# 675

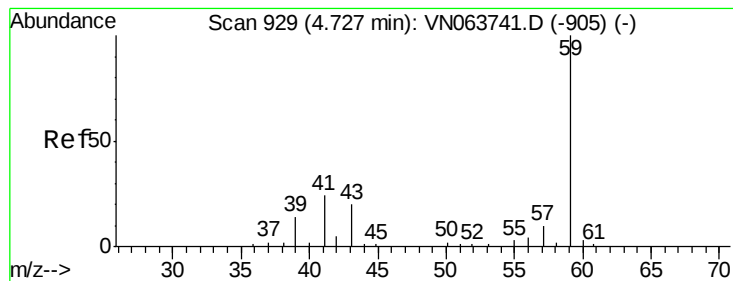
Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Tgt Ion:	142	Resp:	148996
Ion Ratio	Lower	Upper	
142	100		
127	48.5	40.5	60.7
141	15.0	11.7	17.5





#11

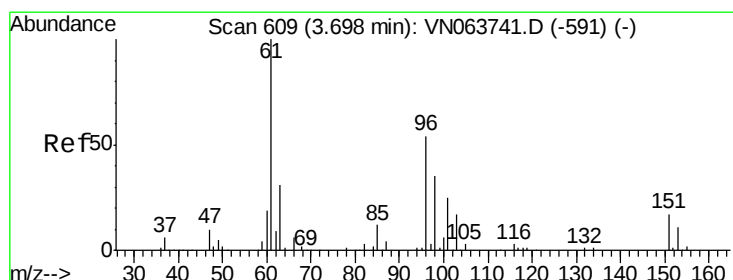
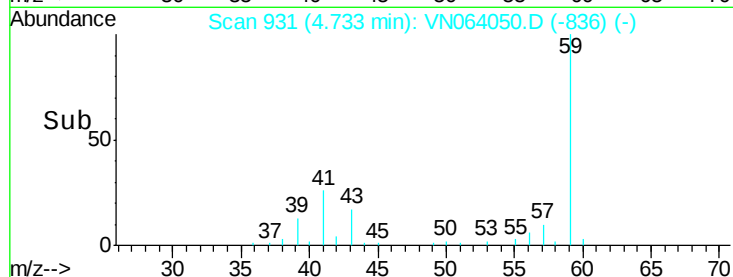
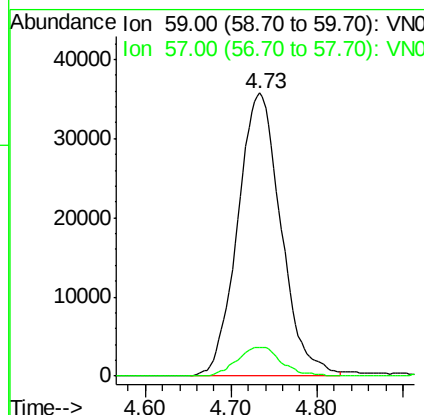
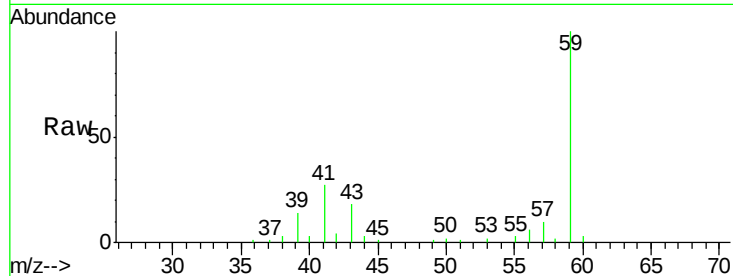
Tert butyl alcohol
Concen: 288.074 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 125132
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

Manual Integrations
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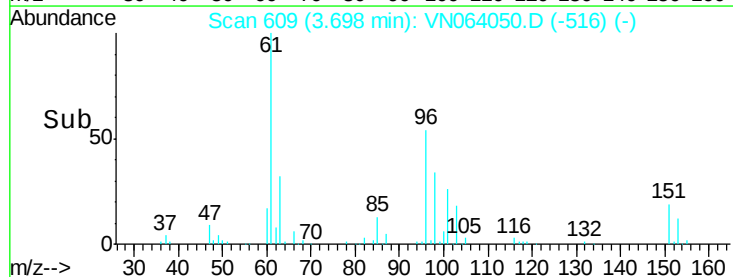
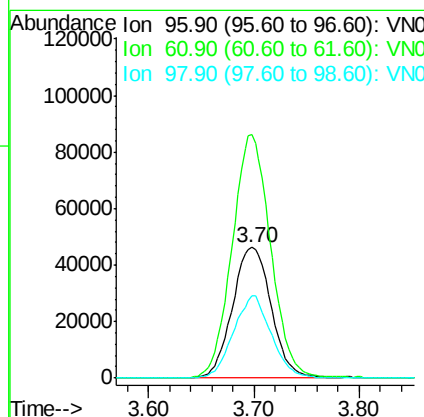
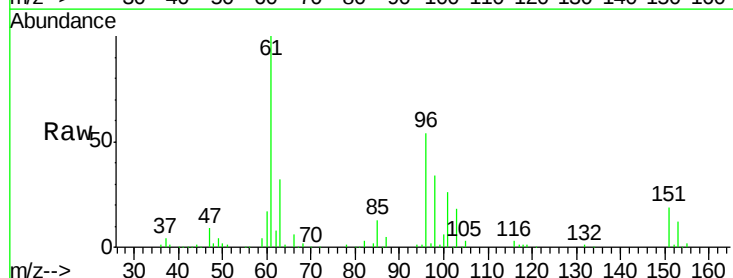
MMDadoda
10/12/2020 2:10:11 PM

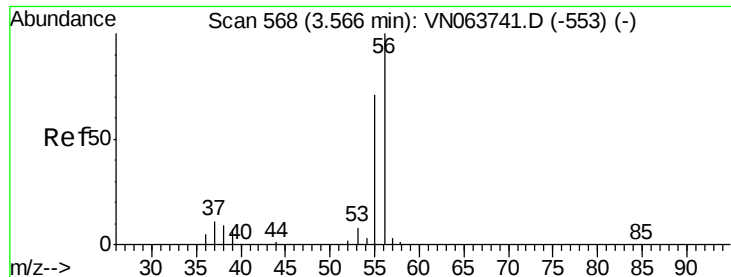


#12

1,1-Dichloroethene
Concen: 49.430 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 96 Resp: 118541
Ion Ratio Lower Upper
96 100
61 186.2 147.7 221.5
98 63.3 51.9 77.9





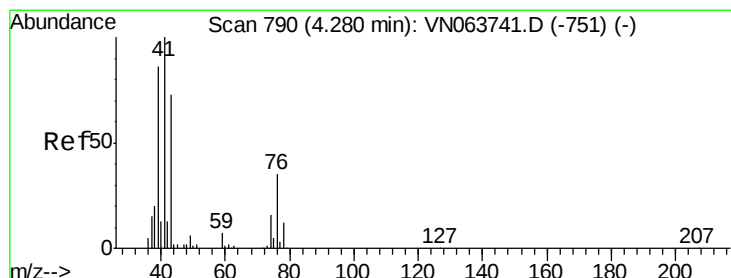
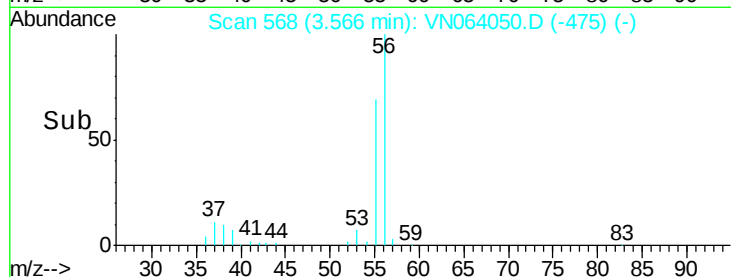
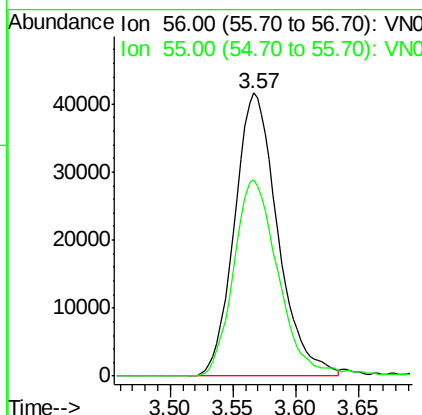
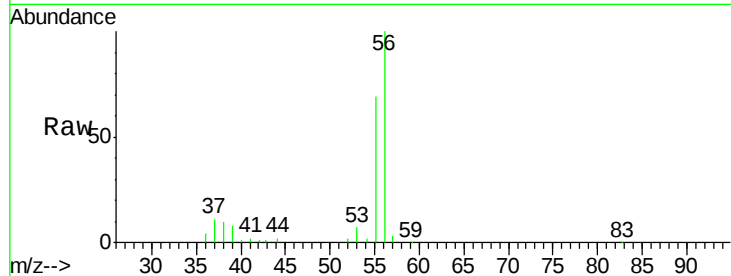
#13
Acrolein
Concen: 373.826 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	56	Resp	99660
Ion Ratio	100	Lower	Upper
55	72.1	56.9	85.3

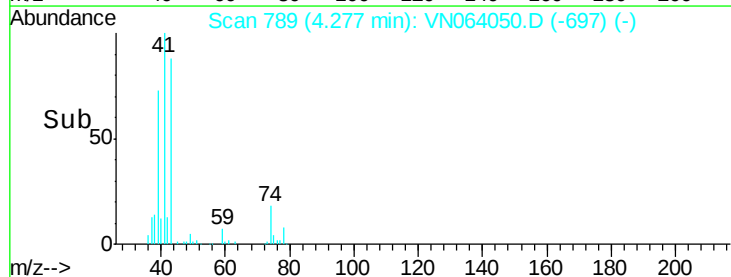
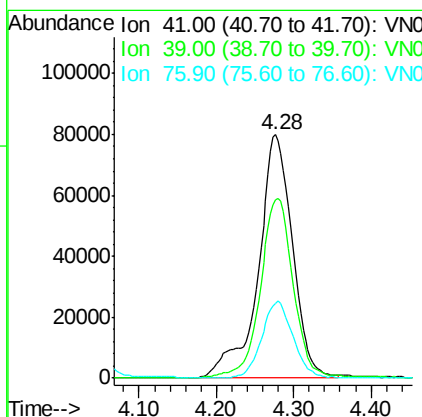
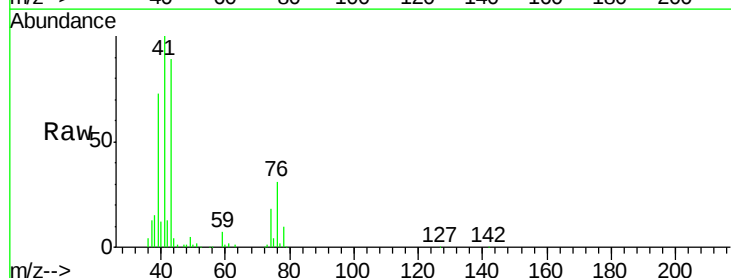
Manual Integrations
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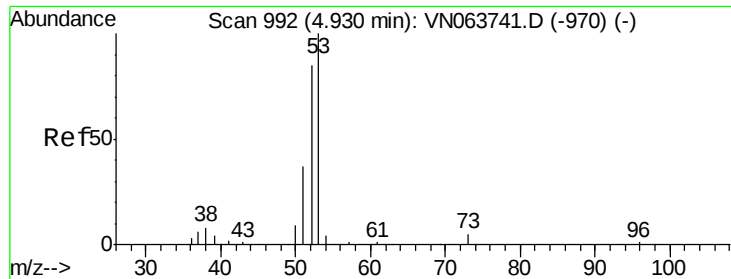
MMDadoda
10/12/2020 2:10:11 PM



#14
Allyl chloride
Concen: 55.312 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	41	Resp	246428
Ion Ratio	100	Lower	Upper
39	70.7	64.5	96.7
76	27.9	25.9	38.9





#15

Acrylonitrile

Concen: 305.192 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

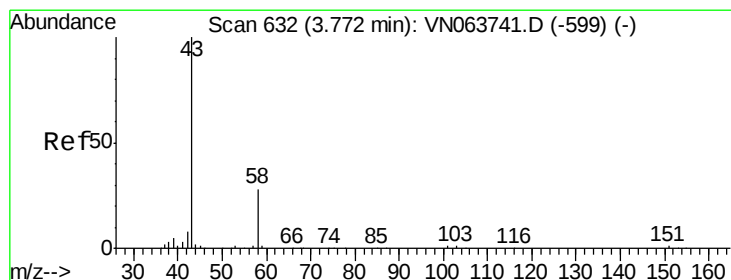
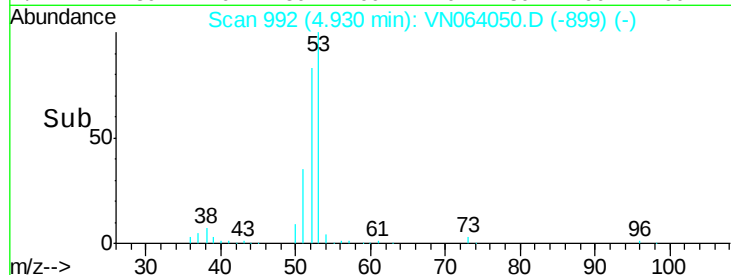
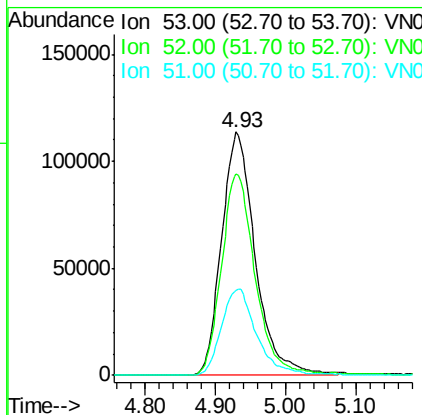
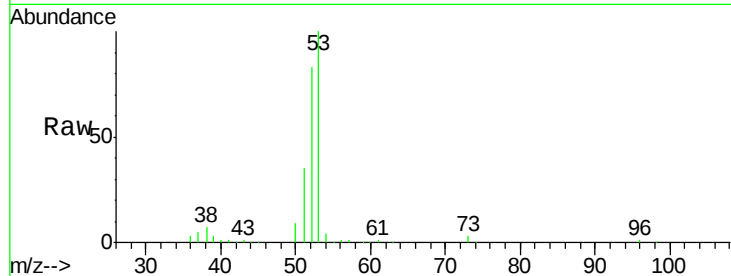
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	379467
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.5	99.7
51	37.2	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 284.015 ug/l

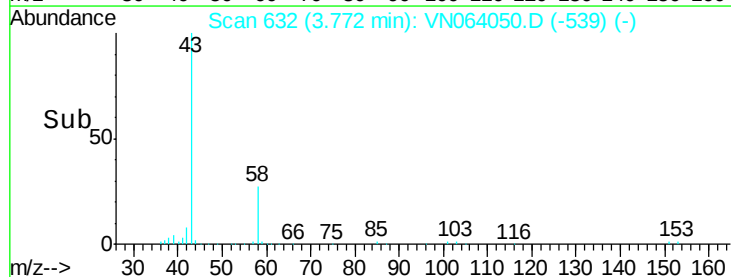
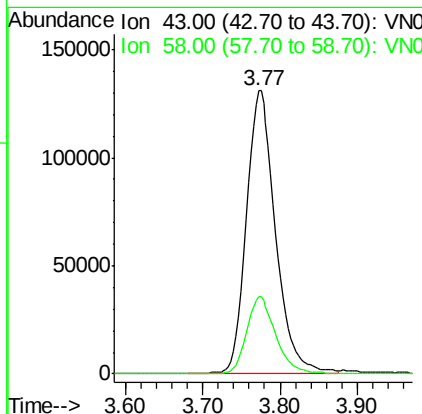
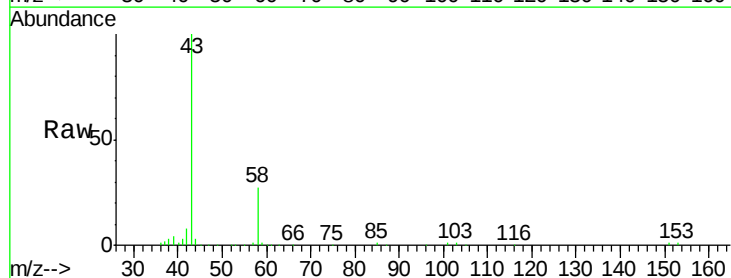
RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Tgt Ion:	43	Resp:	343984
Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.3	33.5





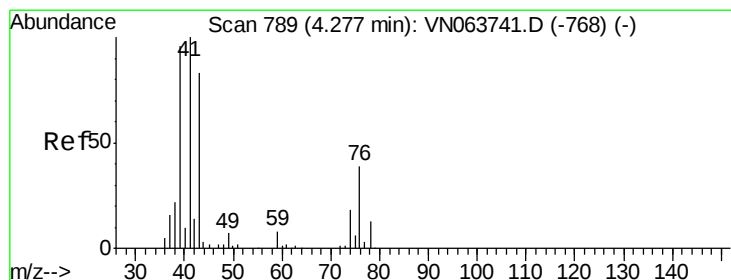
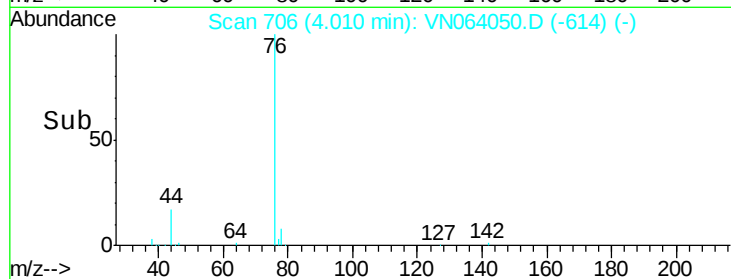
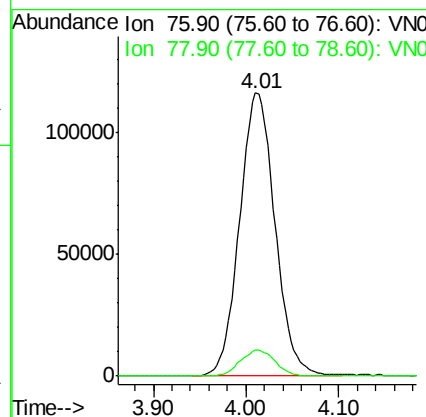
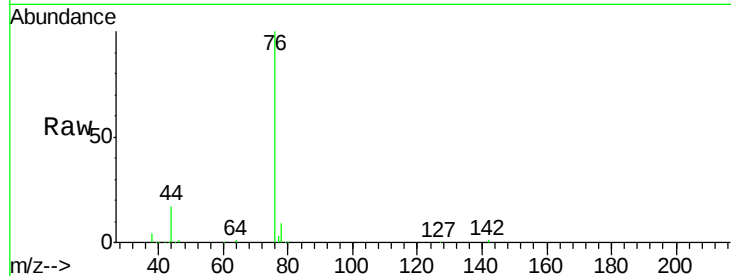
#17
Carbon Disulfide
Concen: 47.640 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.0	10.4

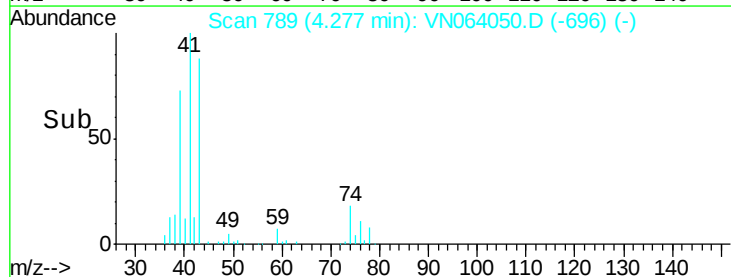
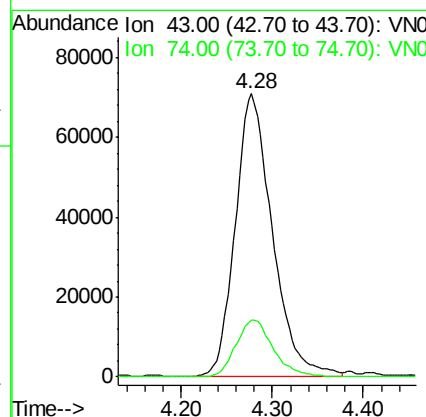
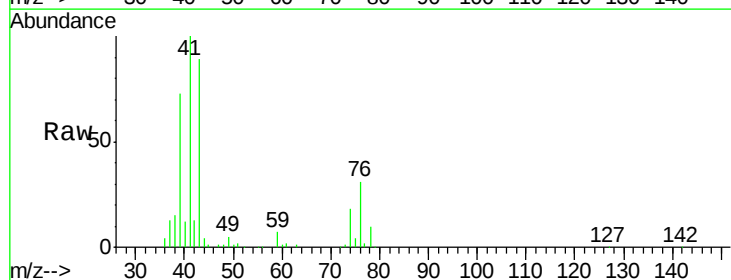
Manual Integrations
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10/12/2020 2:10:11 PM



#18
Methyl Acetate
Concen: 63.371 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.4	17.4	26.2





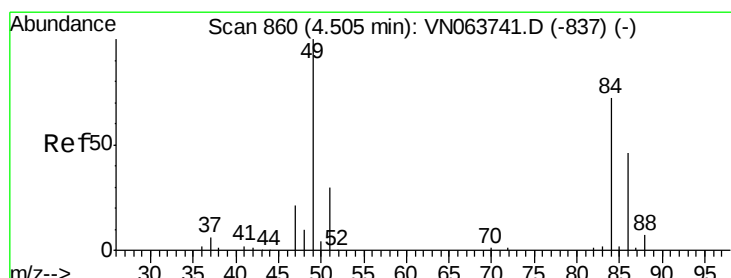
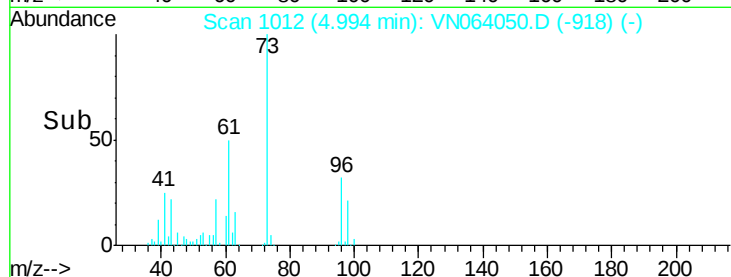
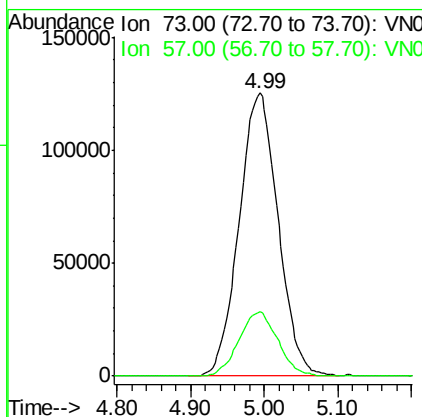
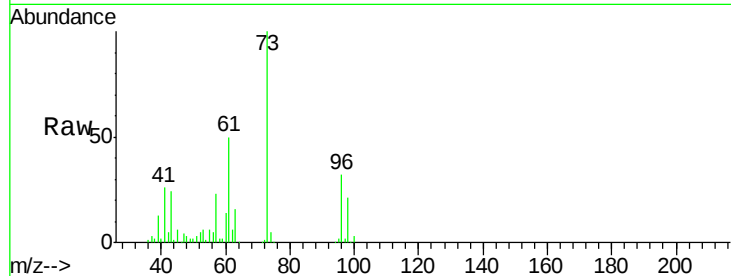
#19
Methyl tert-butyl Ether
Concen: 53.074 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleID :
VSTDCCC050

Tot Ion: 73 Resp: 462420
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4

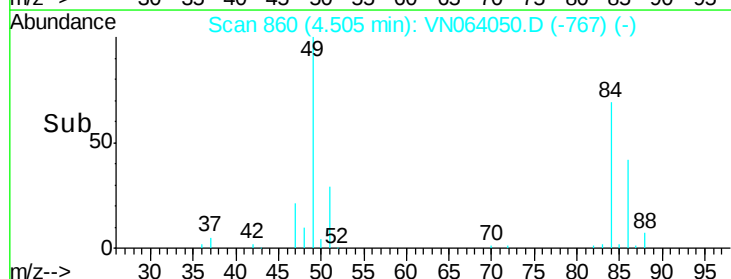
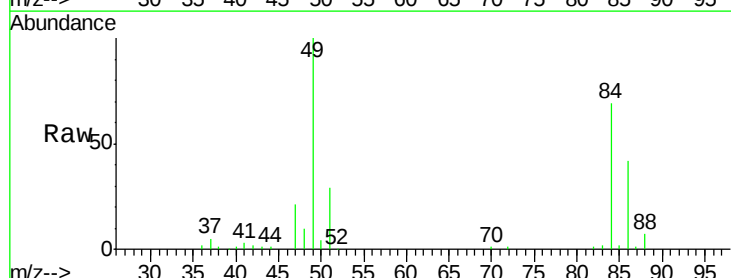
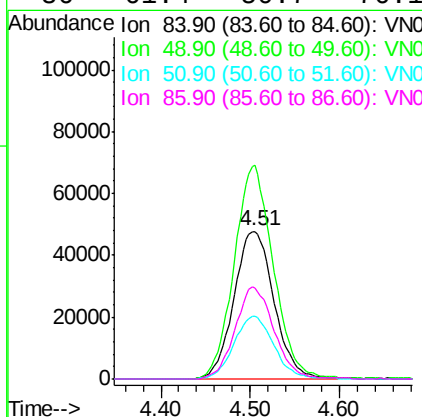
Manual Integrations
APPROVED

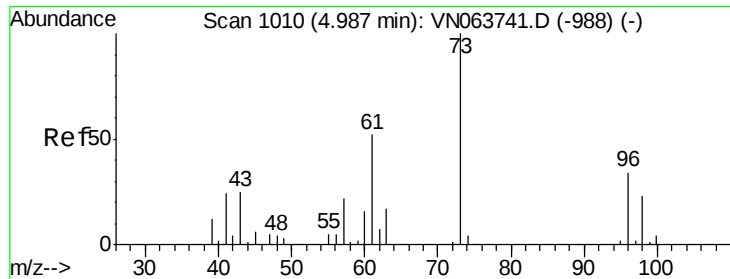
MMDadoda
10/12/2020 2:10:11 PM



#20
Methylene Chloride
Concen: 53.707 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 84 Resp: 149010
Ion Ratio Lower Upper
84 100
49 144.3 110.4 165.6
51 42.5 33.3 49.9
86 61.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 48.986 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 131583

Ion Ratio Lower Upper

96 100

61 151.5 120.2 180.2

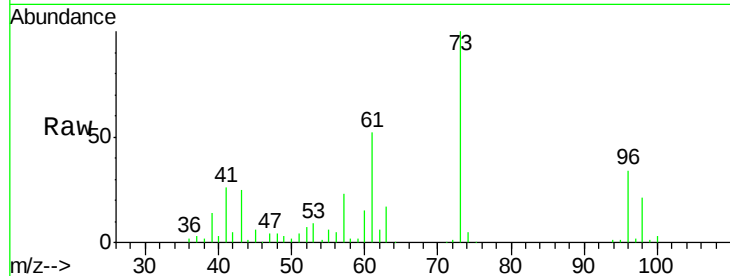
98 62.4 52.6 79.0

Manual Integrations

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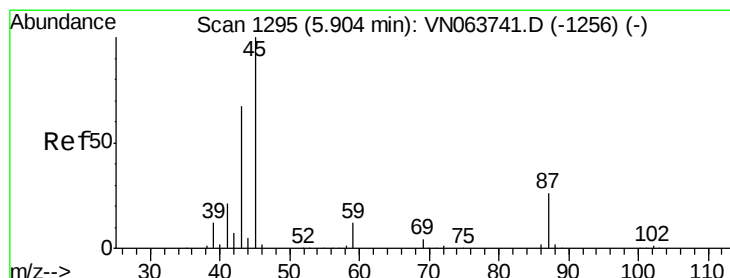
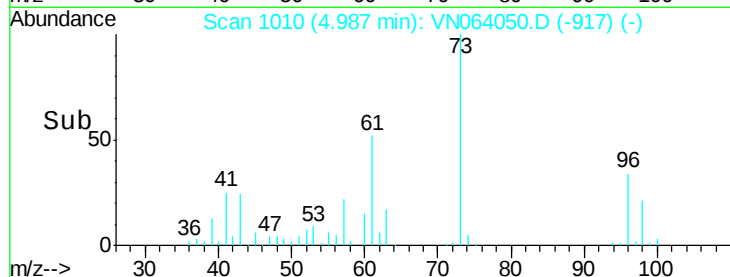
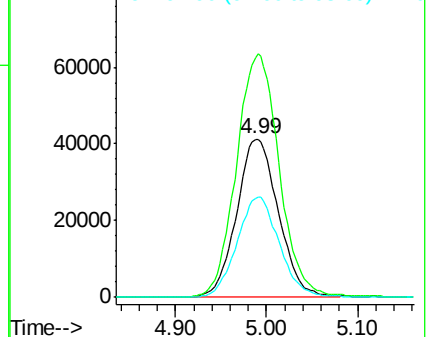


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 59.369 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Tgt Ion: 45 Resp: 544206

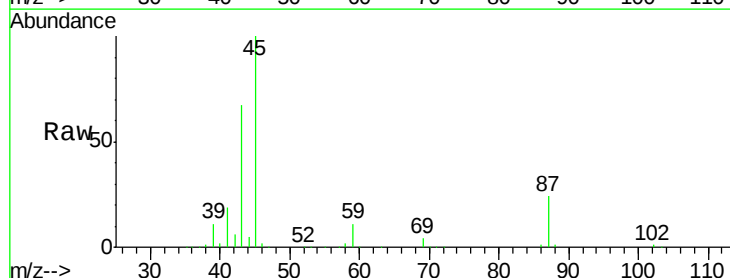
Ion Ratio Lower Upper

45 100

43 66.7 53.7 80.5

87 24.4 21.1 31.7

59 10.6 9.2 13.8



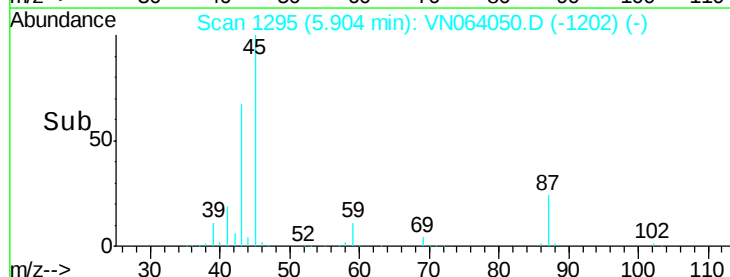
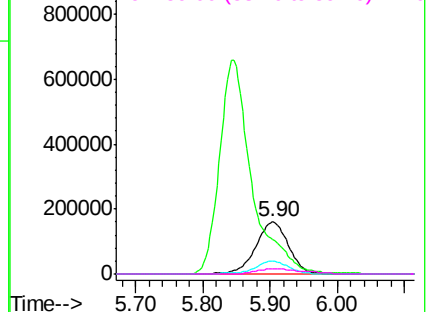
Abundance

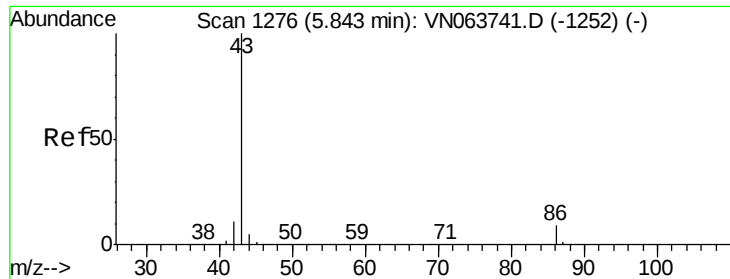
Ion 45.00 (44.70 to 45.70): VN0

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





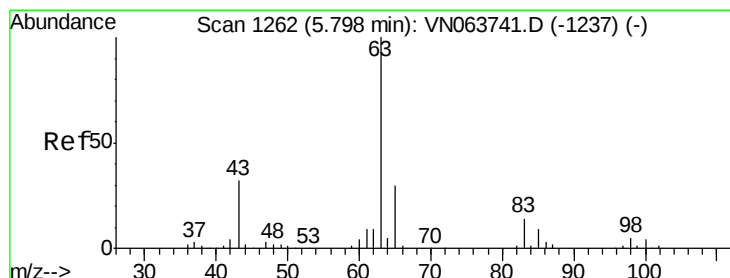
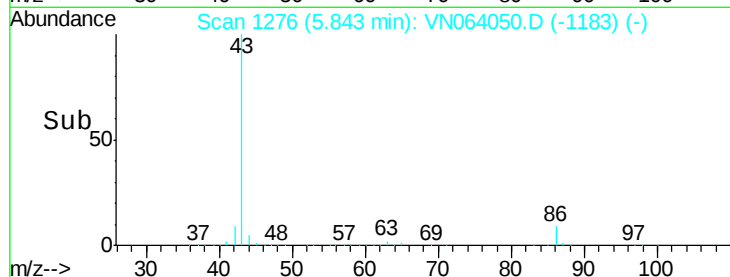
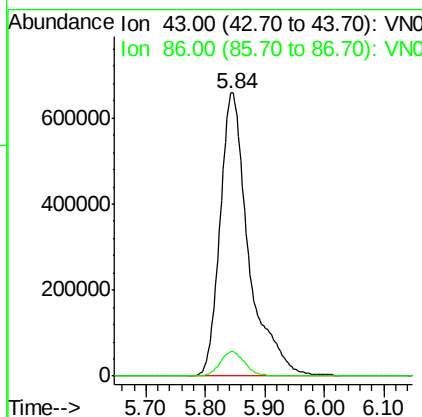
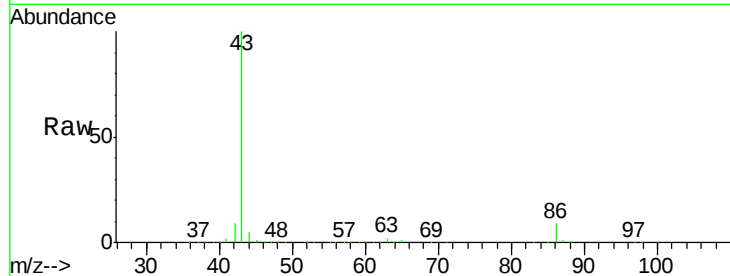
#23
 Vinyl Acetate
 Concen: 290.688 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 2207234
 Ion Ratio Lower Upper
 43 100
 86 8.7 7.3 10.9

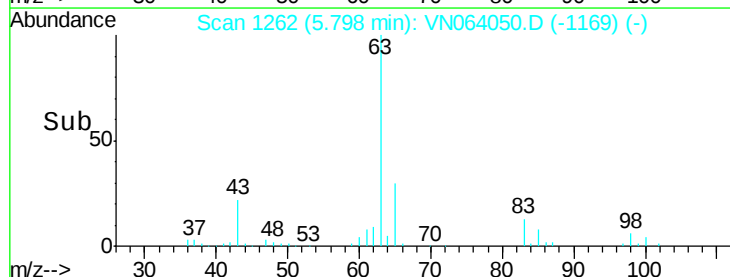
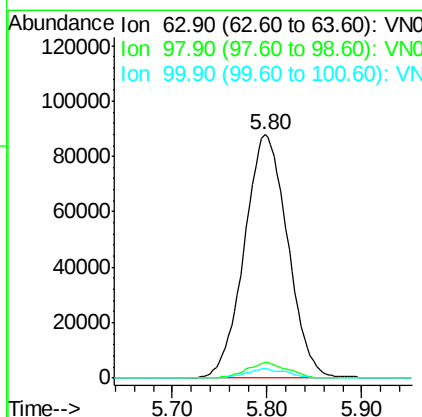
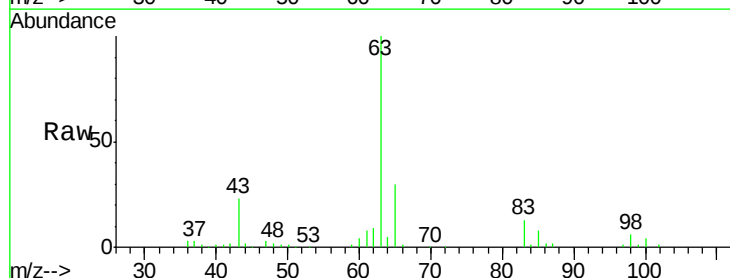
Manual Integrations
 APPROVED

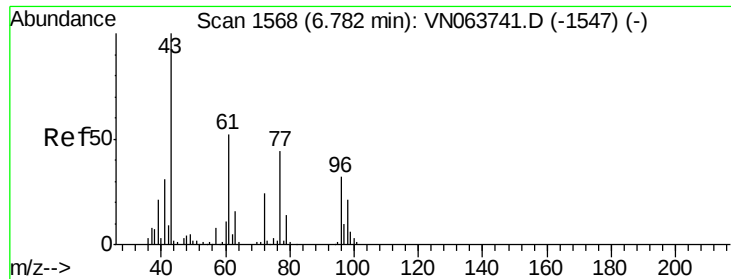
MMDadoda
 10/12/2020 2:10:11 PM



#24
 1,1-Dichloroethane
 Concen: 53.313 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 63 Resp: 279421
 Ion Ratio Lower Upper
 63 100
 98 6.3 2.7 8.1
 100 3.8 1.9 5.7





#25

2-Butanone

Concen: 309.109 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 530773

Ion Ratio Lower Upper

43 100

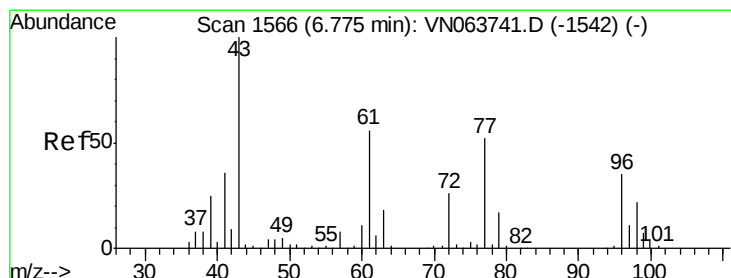
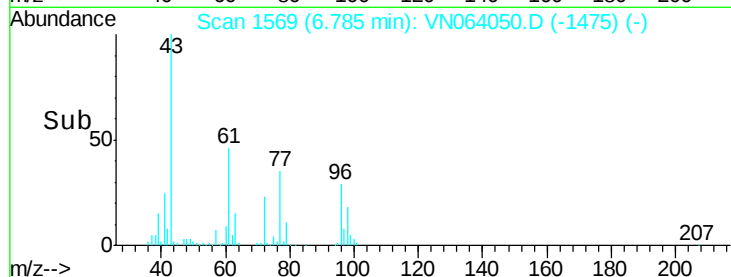
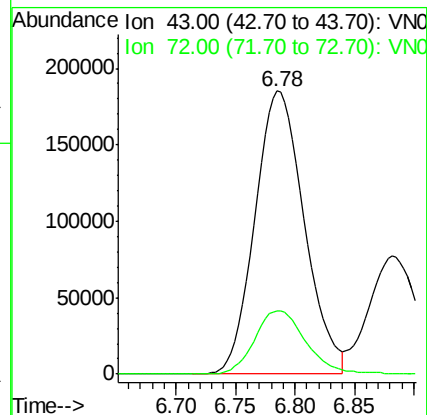
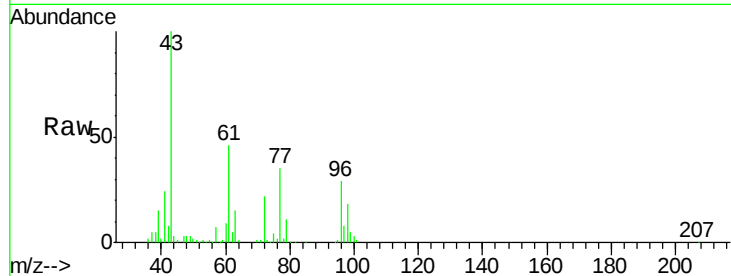
72 22.5 19.3 28.9

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#26

2,2-Dichloropropane

Concen: 45.671 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064050.D

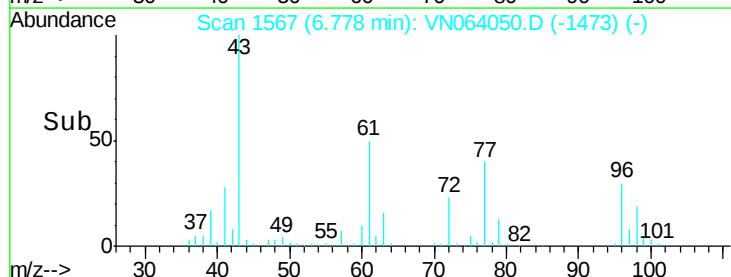
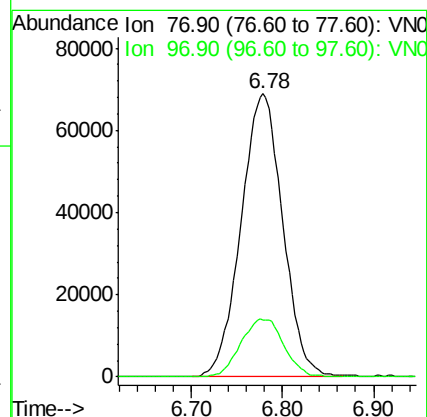
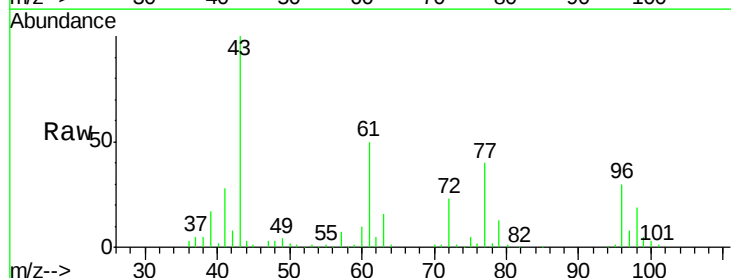
Acq: 9 Oct 2020 20:49

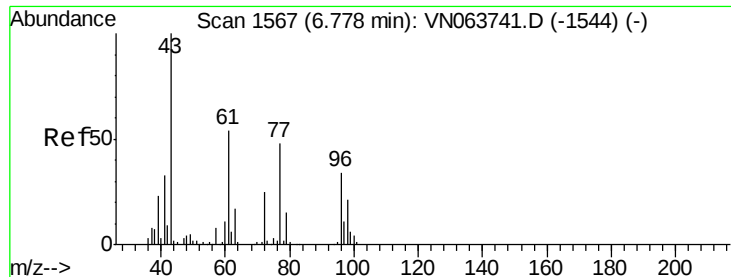
Tgt Ion: 77 Resp: 219209

Ion Ratio Lower Upper

77 100

97 21.1 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 50.411 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

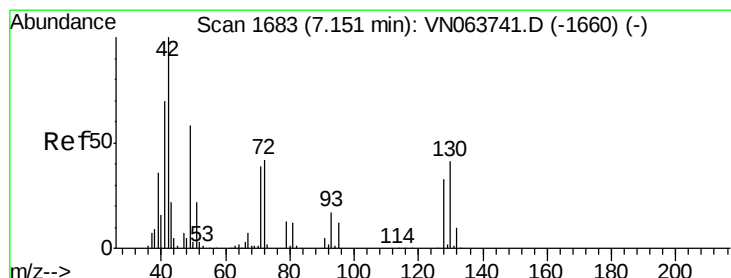
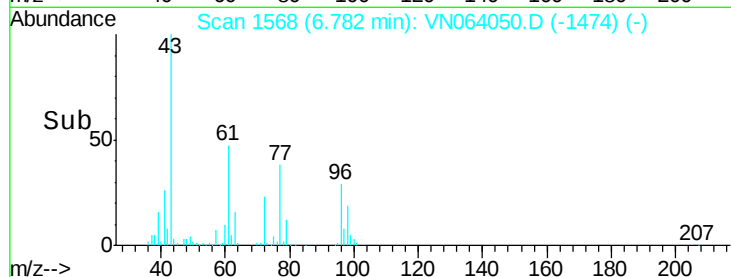
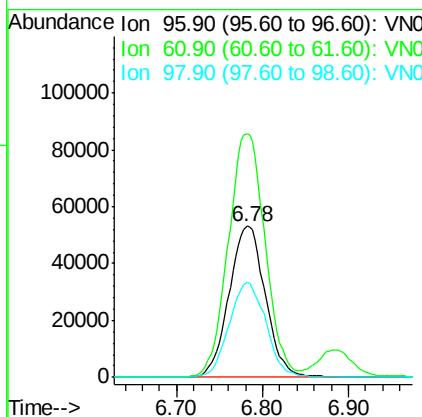
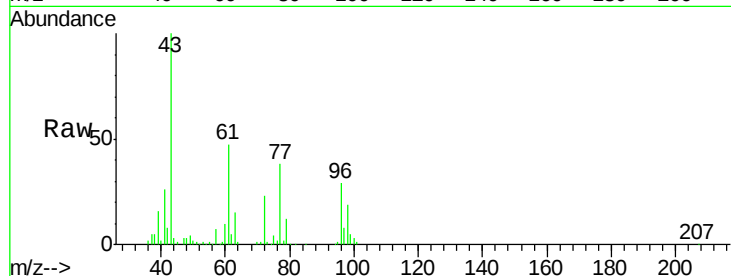
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	155735
Ion	Ratio	Lower	Upper
96	100		
61	163.5	0.0	321.2
98	63.5	0.0	124.4

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#28

Bromochloromethane

Concen: 54.836 ug/l

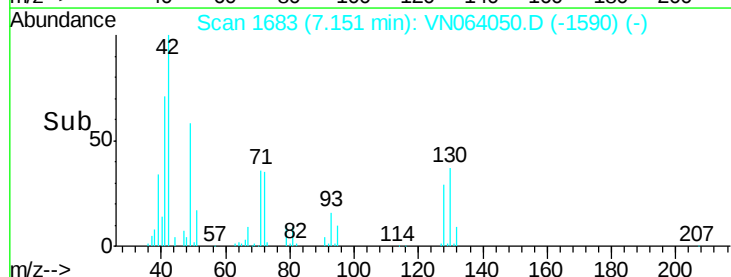
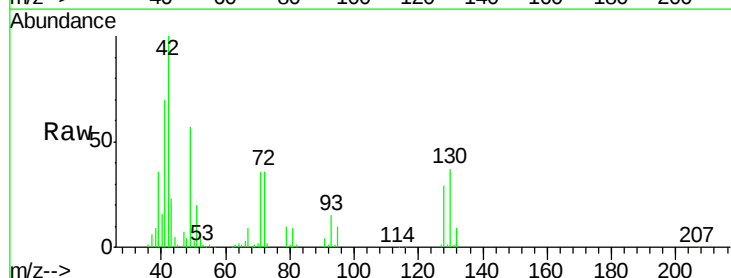
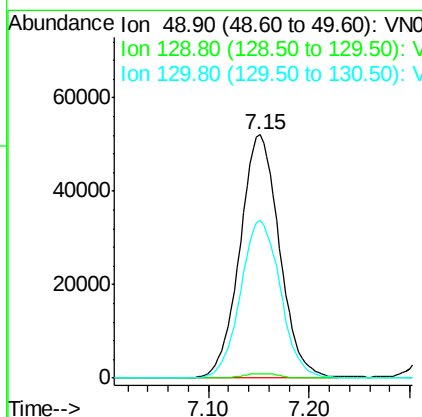
RT: 7.15 min Scan# 1683

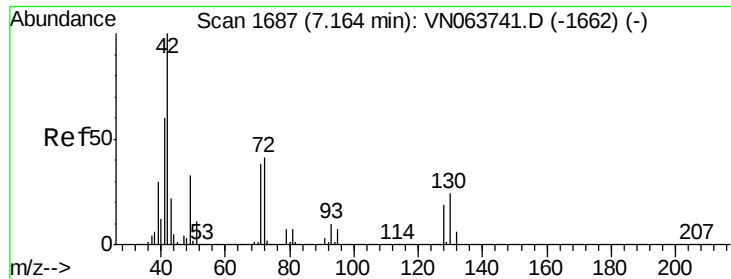
Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Tgt Ion:	49	Resp:	142048
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	65.0	55.6	83.4





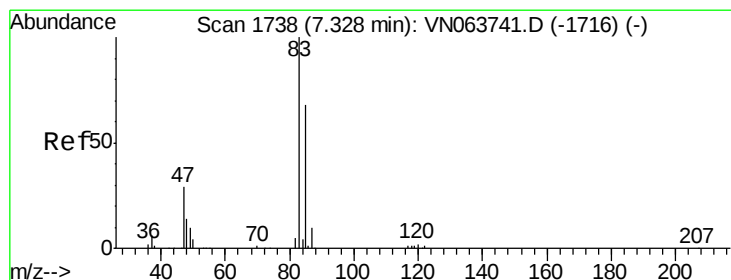
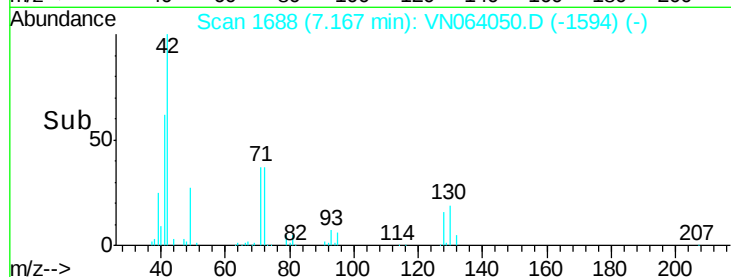
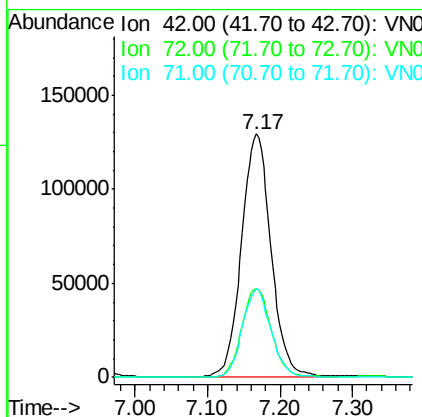
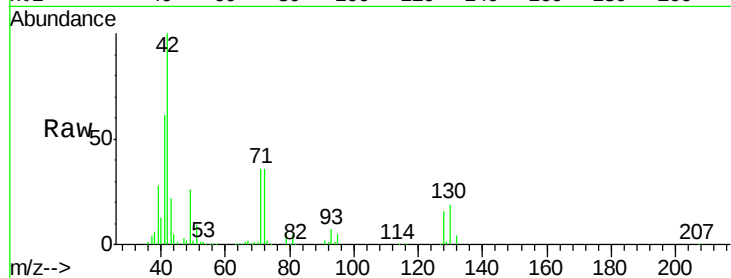
#29
Tetrahydrofuran
Concen: 318.616 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.8	32.8	49.2
71	34.9	30.6	45.8

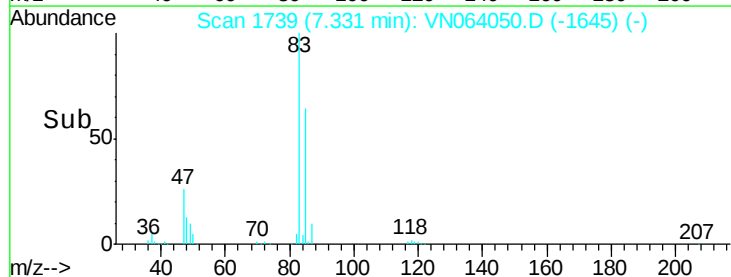
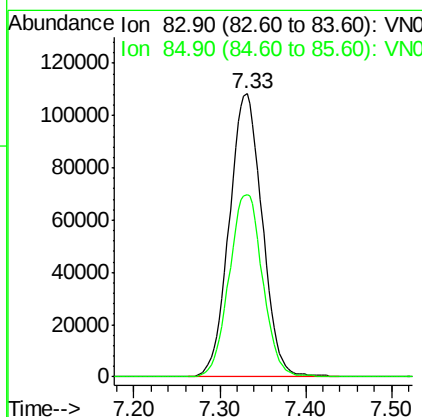
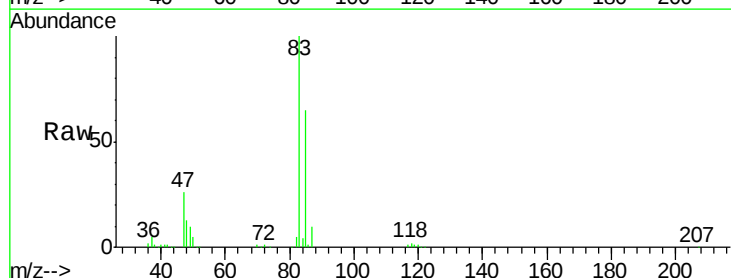
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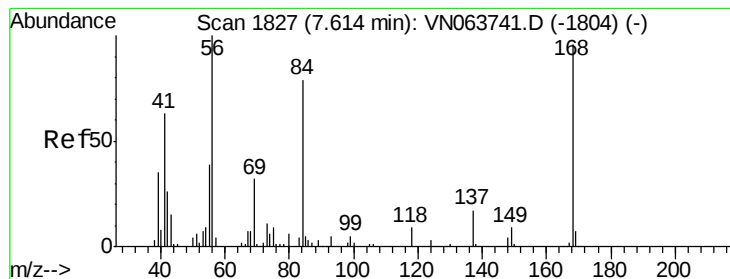
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#30
Chloroform
Concen: 52.731 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	54.6	82.0





#31

Cyclohexane

Concen: 48.978 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

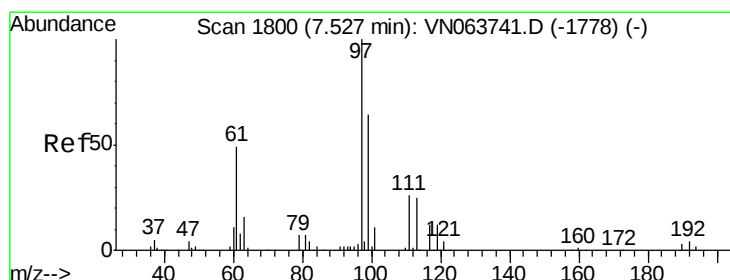
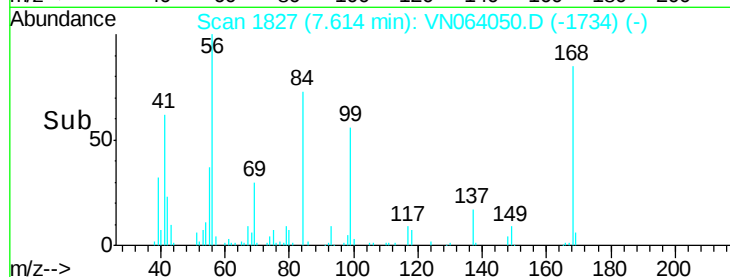
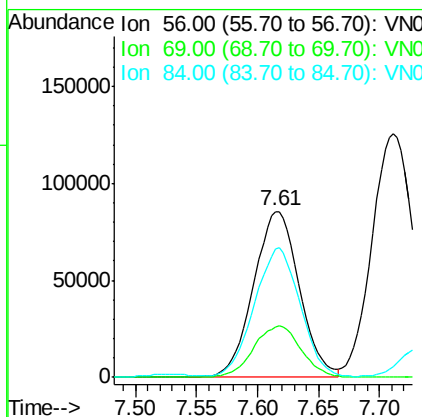
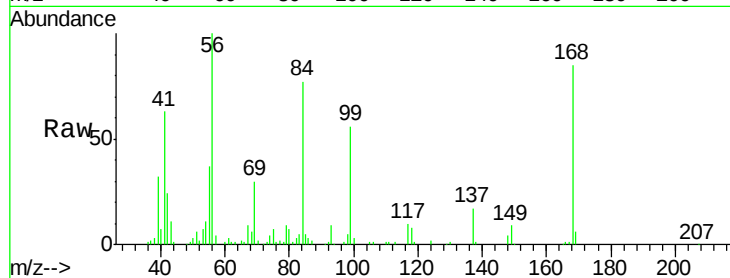
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	223715
Ion	Ratio	Lower	Upper
56	100		
69	30.2	25.4	38.2
84	75.8	63.3	94.9

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#32

1,1,1-Trichloroethane

Concen: 51.637 ug/l

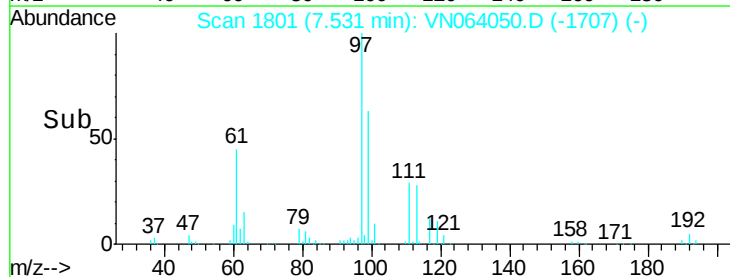
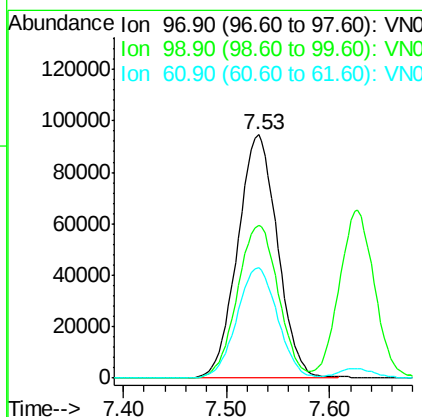
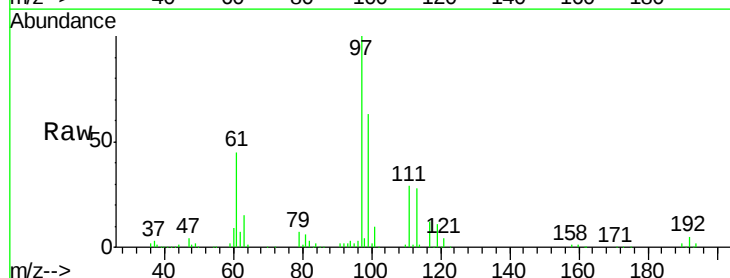
RT: 7.53 min Scan# 1801

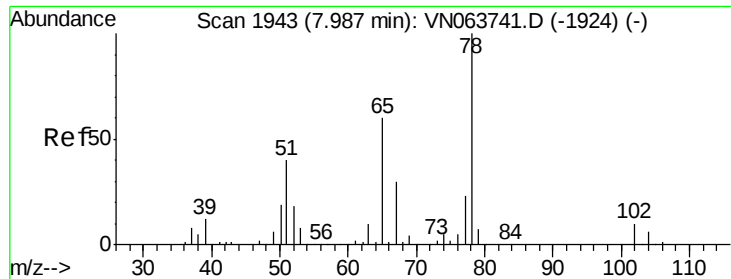
Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Tgt Ion:	97	Resp:	254527
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.6
61	46.3	38.7	58.1





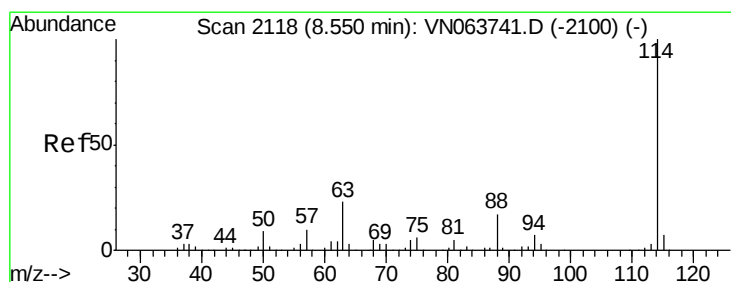
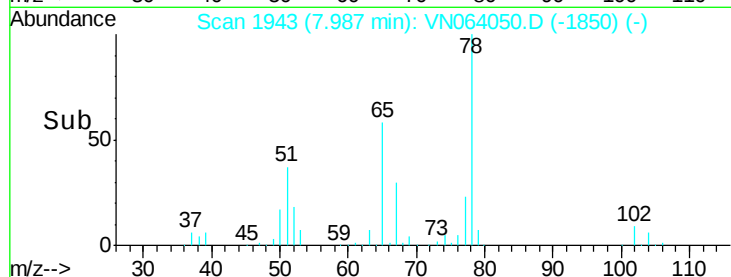
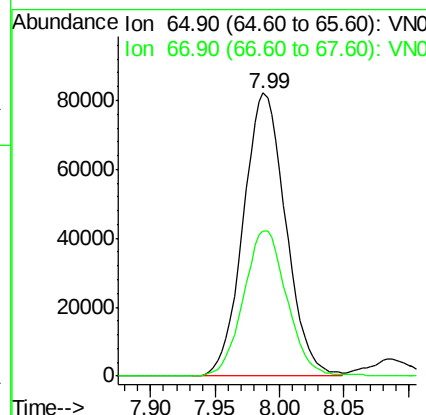
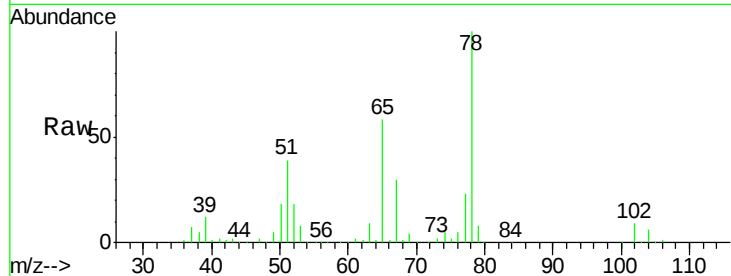
#33
 1,2-Dichloroethane-d4
 Concen: 48.036 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	52.1	0.0	99.6	

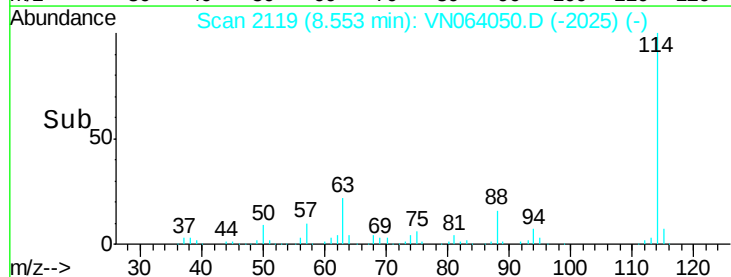
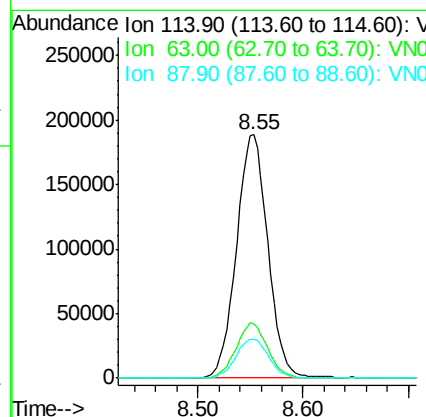
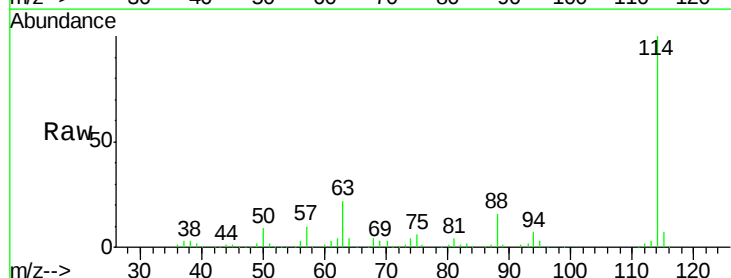
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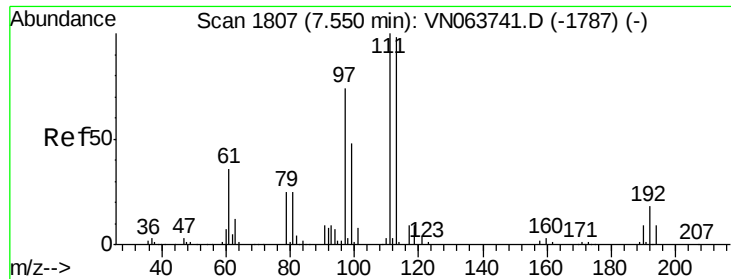
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.1	0.0	45.0	
88	16.0	0.0	34.0	





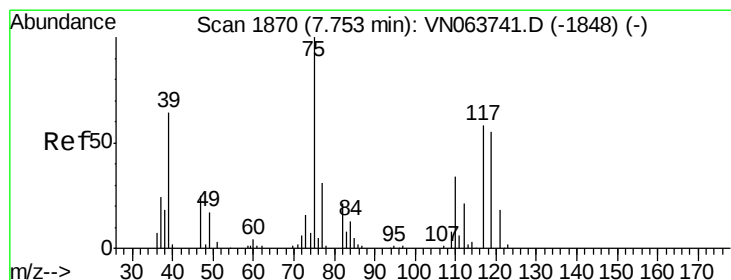
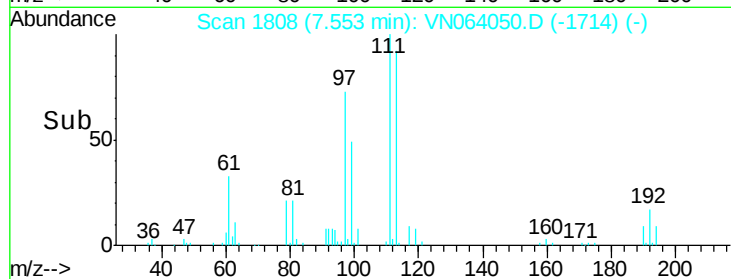
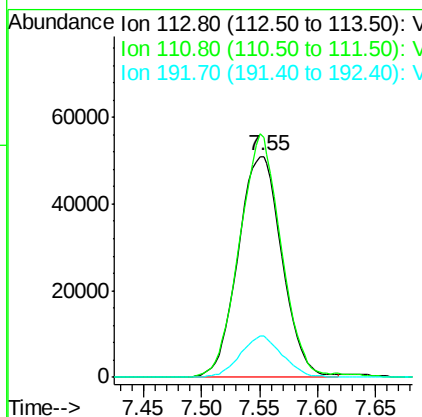
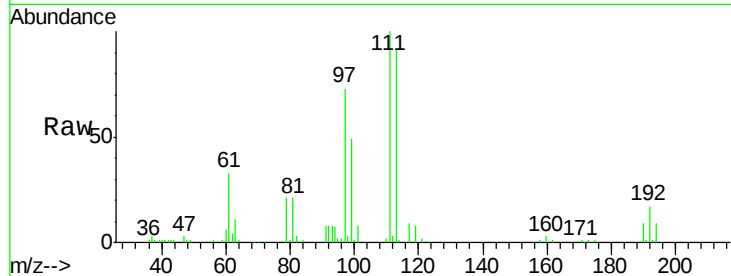
#35
Dibromofluoromethane
Concen: 49.789 ug/l
RT: 7.55 min Scan# 1808
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	134503		
111	103.8	81.8	122.8	
192	17.9	14.2	21.2	

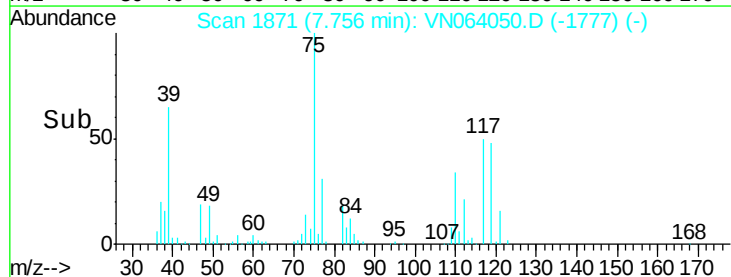
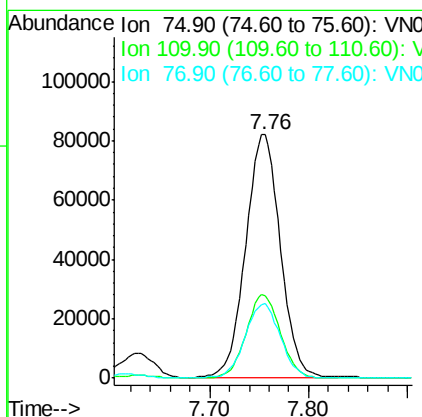
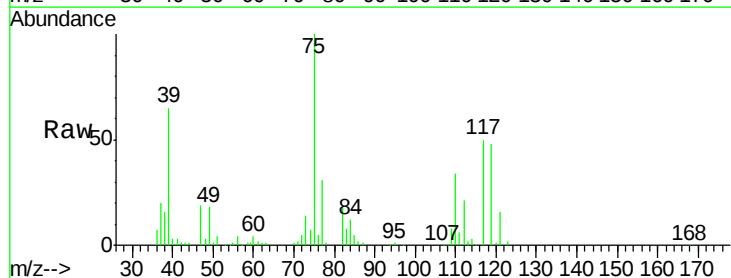
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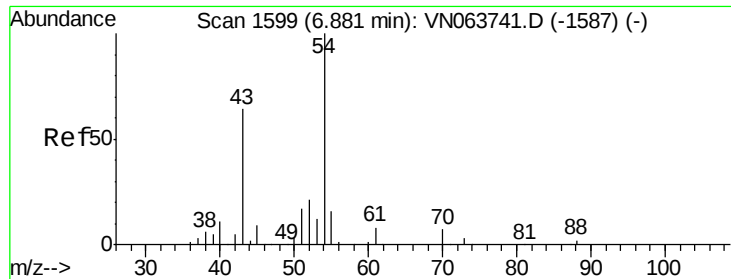
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#36
1,1-Dichloropropene
Concen: 50.728 ug/l
RT: 7.76 min Scan# 1871
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	200084		
110	33.6	16.9	50.6	
77	31.1	24.5	36.7	





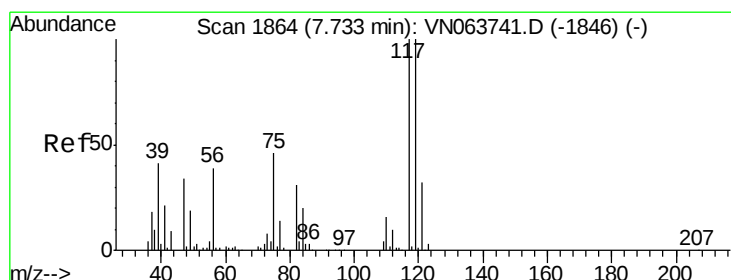
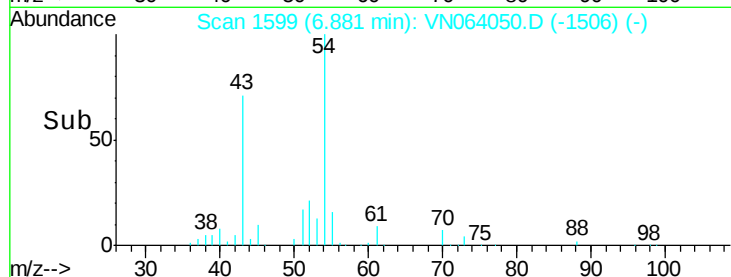
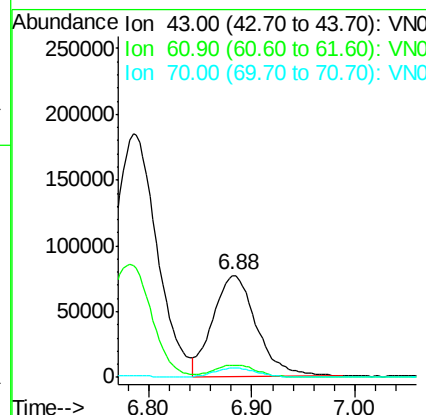
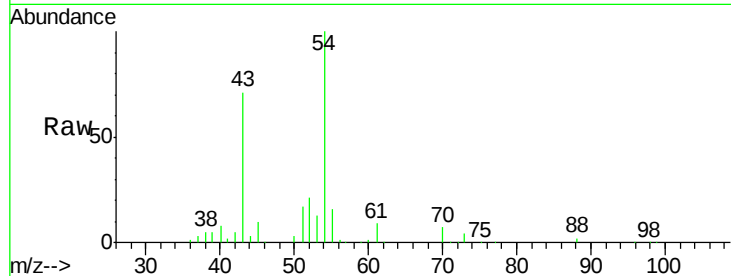
#37
Ethyl Acetate
Concen: 57.366 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.4	15.6
70	9.3	7.3	10.9

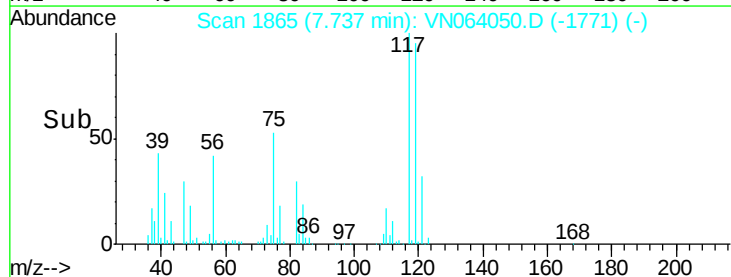
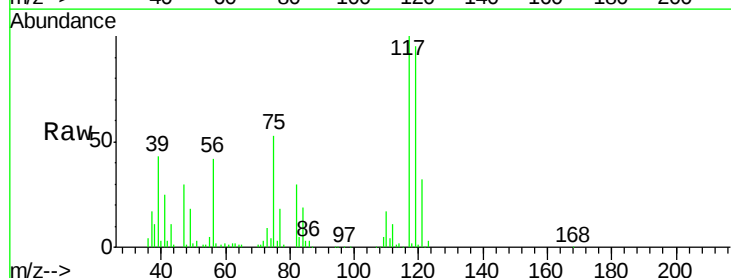
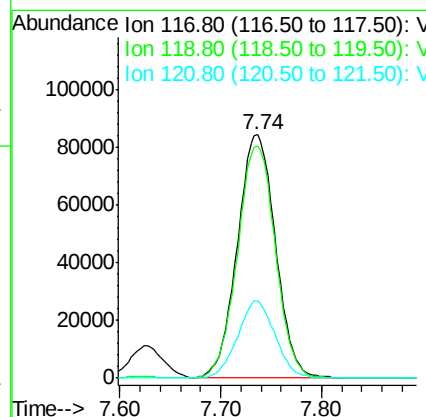
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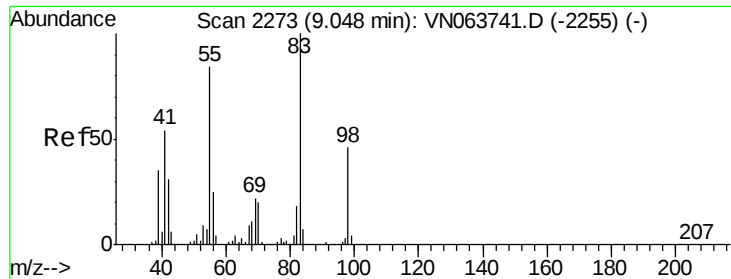
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#38
Carbon Tetrachloride
Concen: 49.841 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.7	80.1	120.1
121	32.0	25.7	38.5





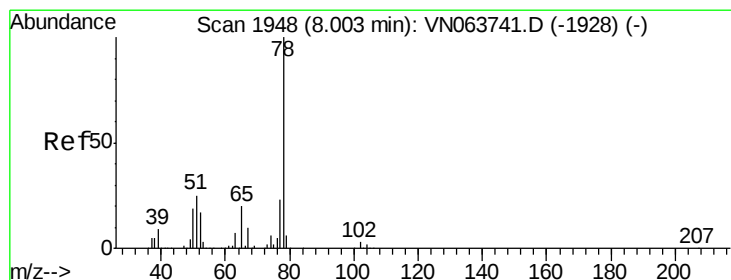
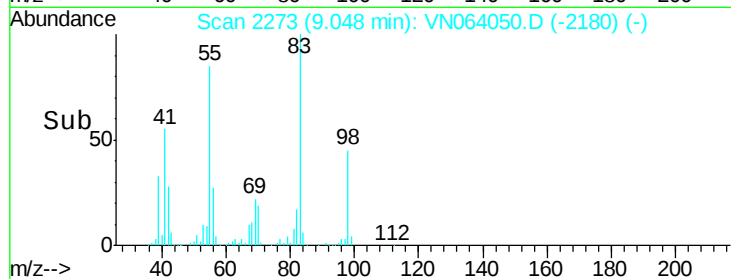
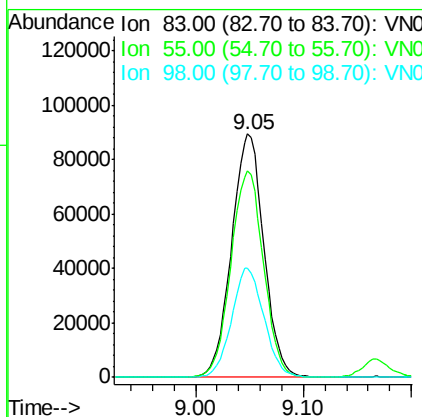
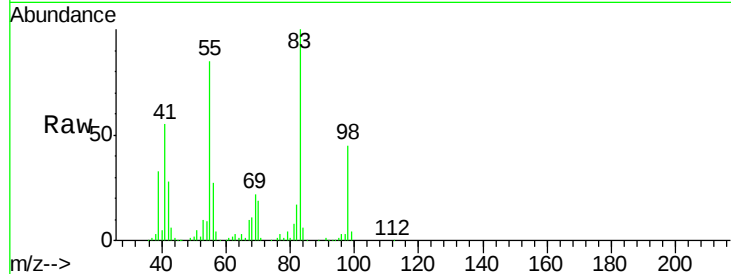
#39
Methvlcvclohexane
Concen: 47.299 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.1	67.1	100.7
98	45.0	36.6	54.8

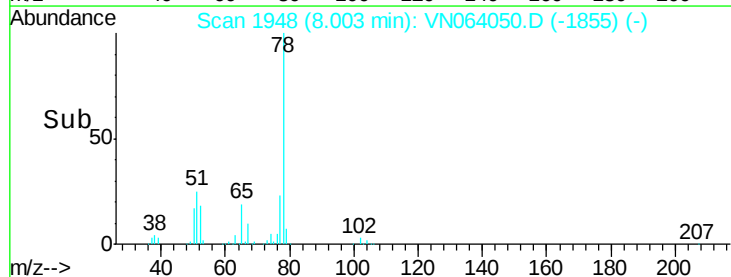
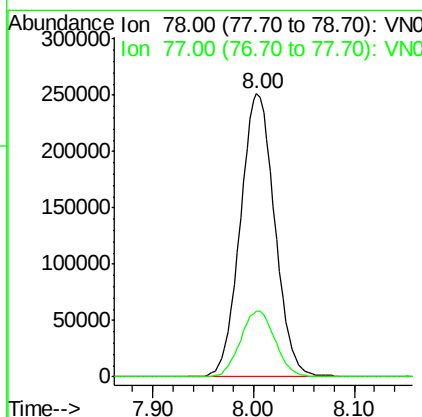
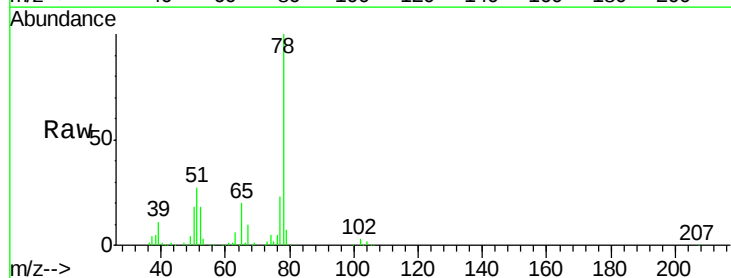
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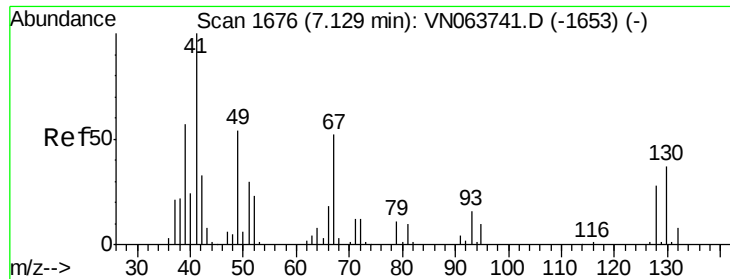
MMDadoda
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#40
Benzene
Concen: 52.599 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.7	28.1





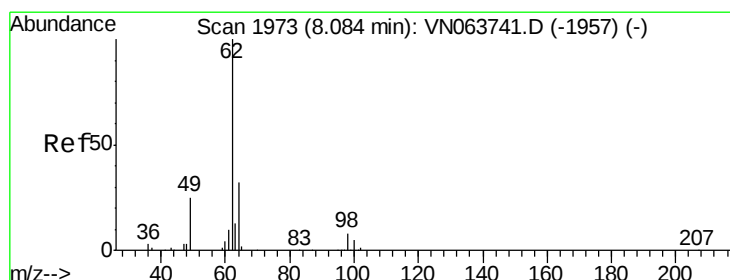
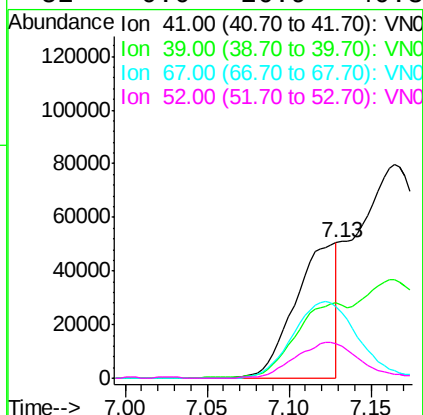
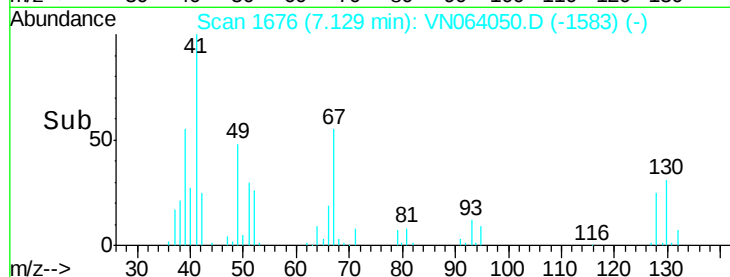
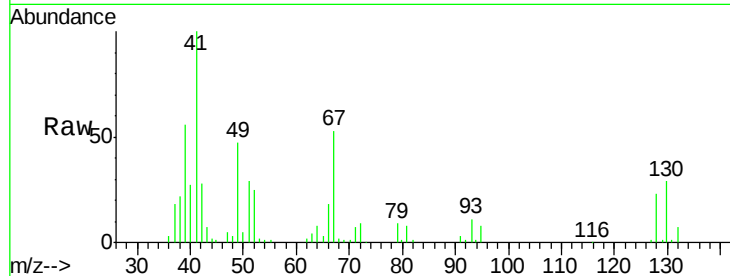
#41
Methacrylonitrile
Concen: 51.390 ug/l m
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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

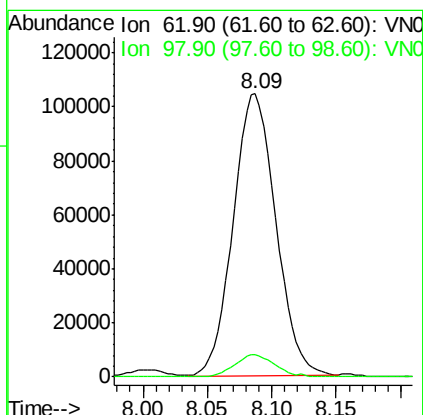
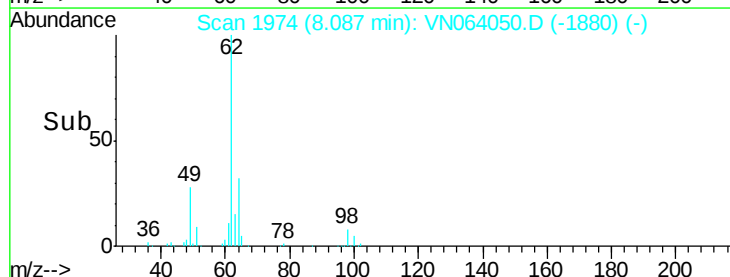
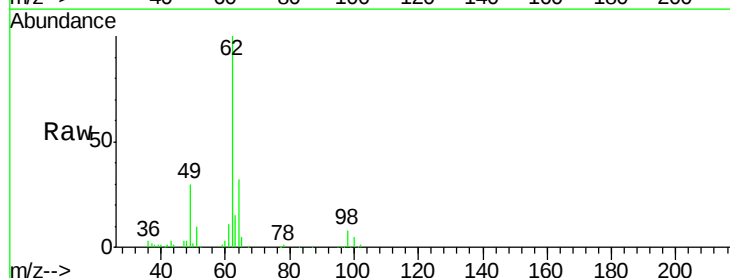
Manual Integrations
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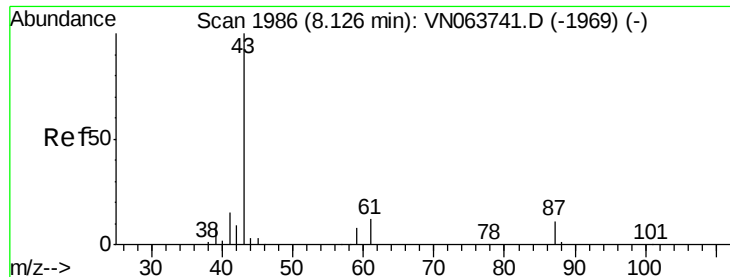
MMDadoda
10/12/2020 2:10:11 PM



#42
1,2-Dichloroethane
Concen: 50.084 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.0





#43

Isopropyl Acetate

Concen: 57.961 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

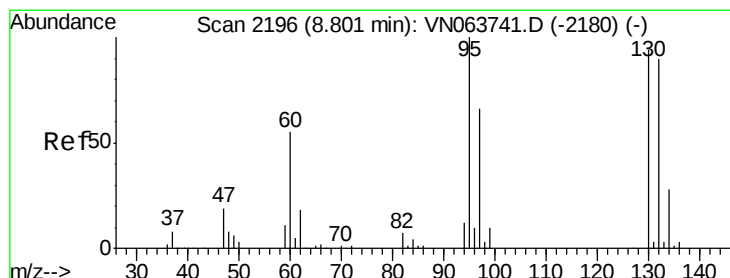
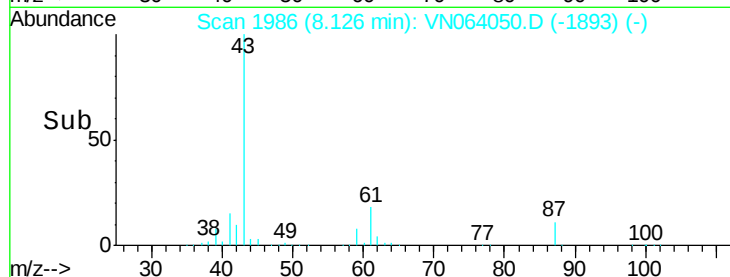
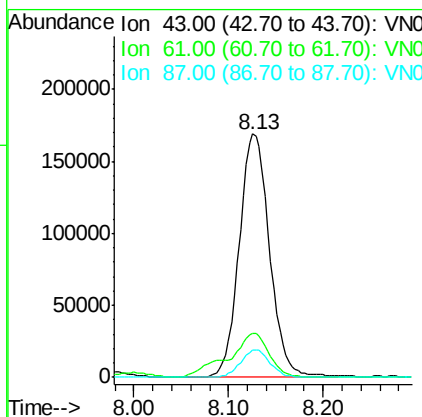
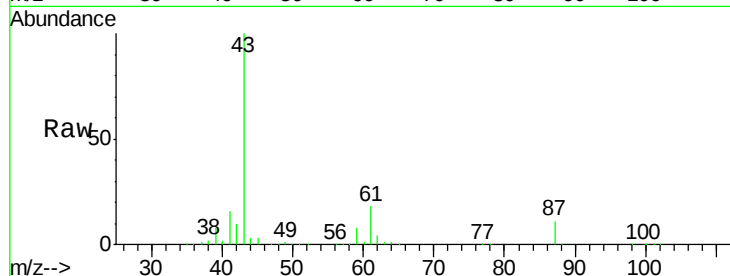
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	374642
Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.2	21.4
87	11.0	9.0	13.6

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#44

Trichloroethene

Concen: 49.112 ug/l

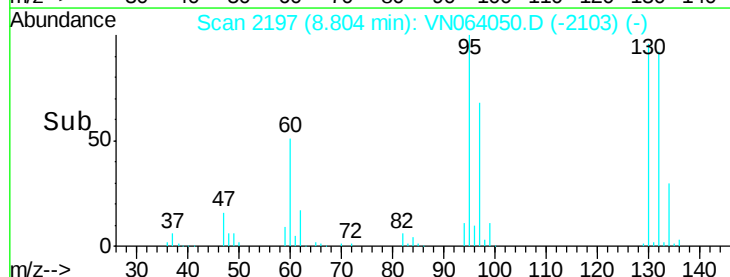
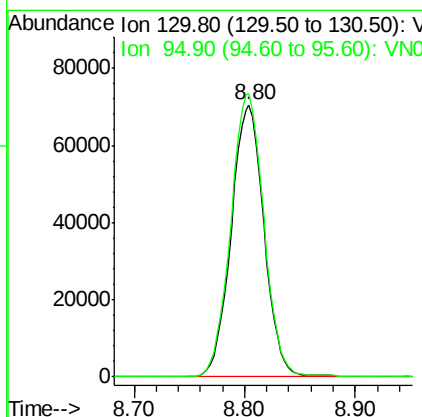
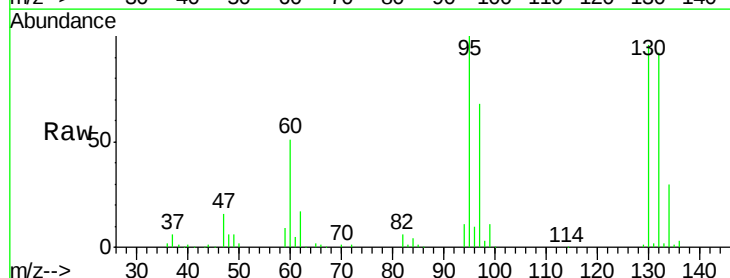
RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Tgt Ion:	130	Resp:	144968
Ion	Ratio	Lower	Upper
130	100		
95	104.0	0.0	213.6





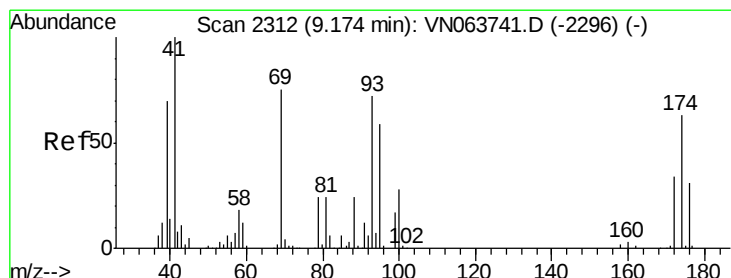
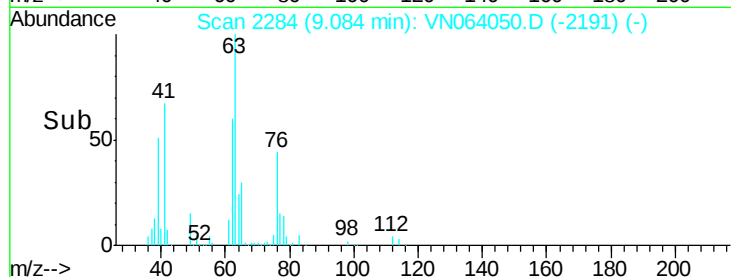
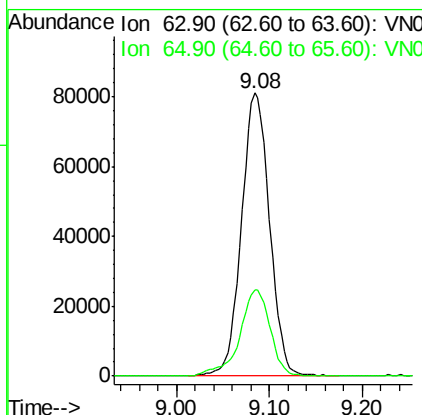
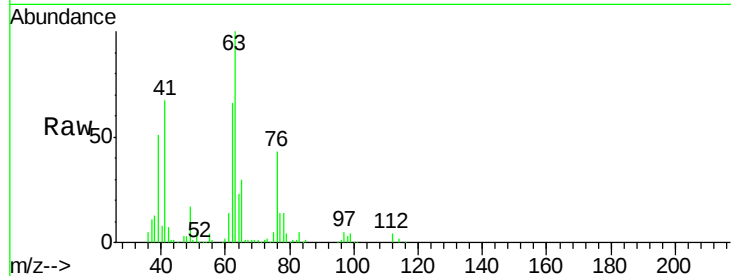
#45
 1,2-Dichloropropane
 Concen: 56.026 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 170460
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.7 37.1

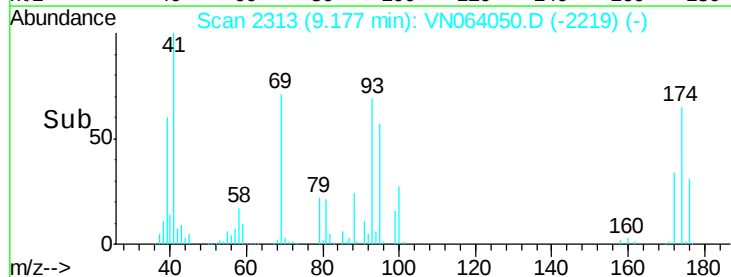
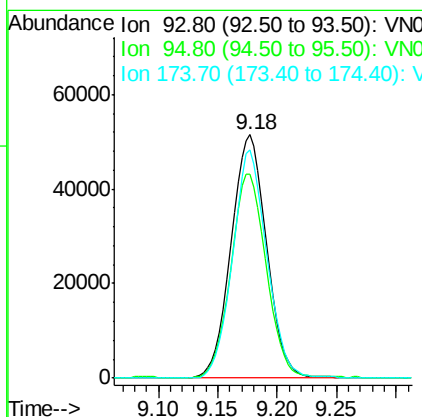
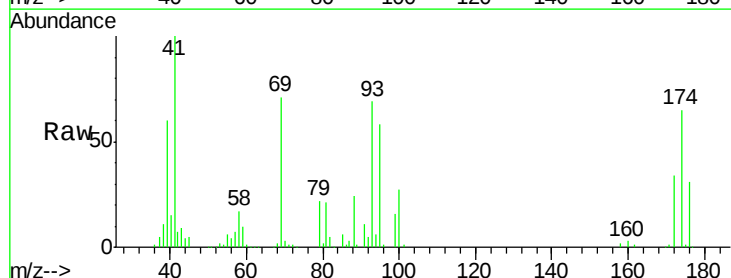
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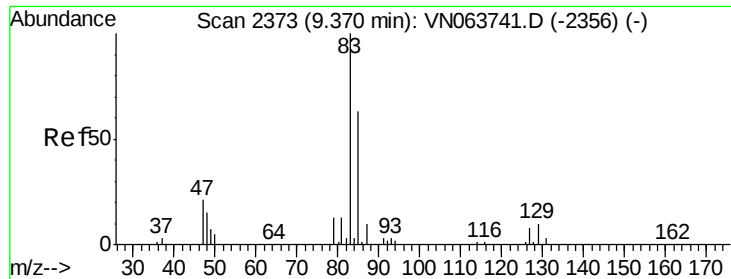
MMDadoda
 10/12/2020 2:10:11 PM



#46
 Dibromomethane
 Concen: 50.679 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 93 Resp: 106370
 Ion Ratio Lower Upper
 93 100
 95 84.3 66.3 99.5
 174 90.3 72.7 109.1





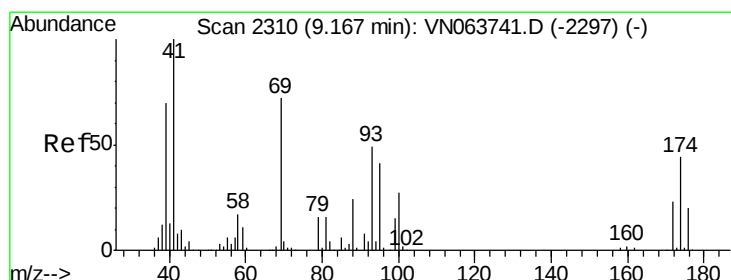
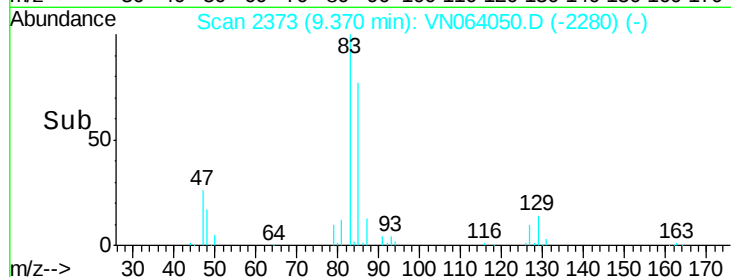
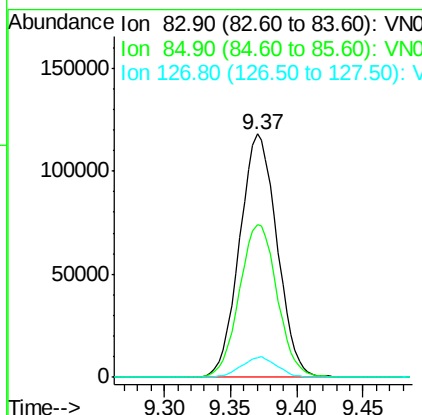
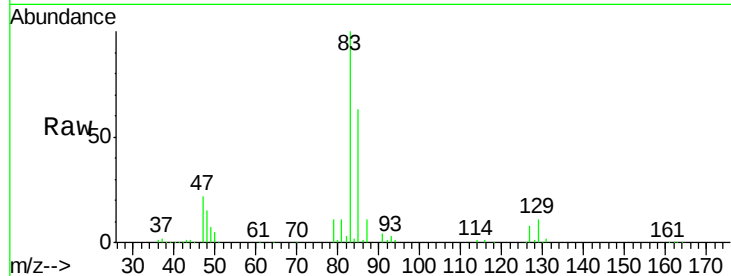
#47
Bromodichloromethane
Concen: 53.690 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.6	75.8
127	8.3	6.6	9.8

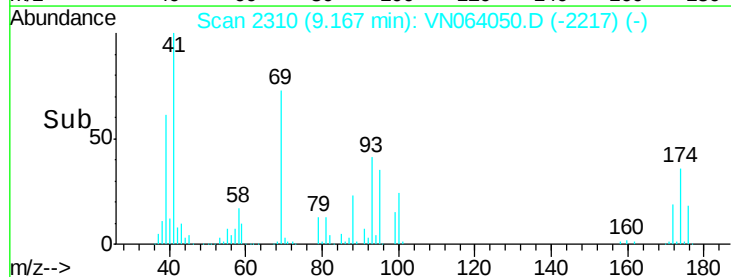
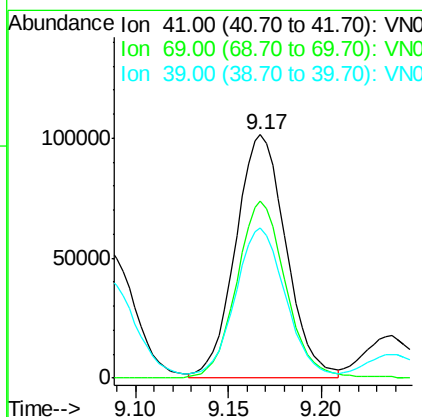
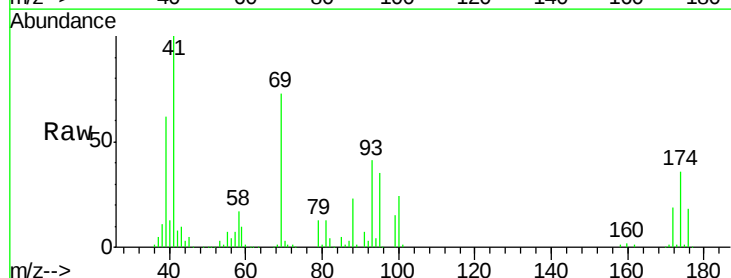
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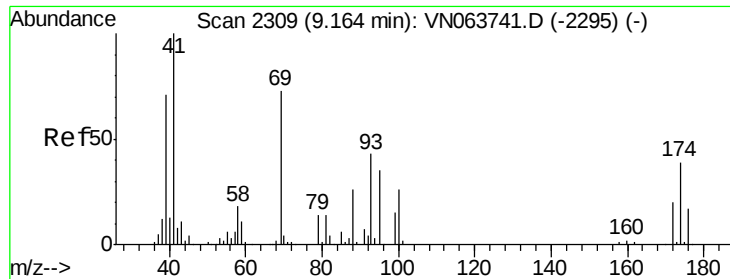
MMDadoda
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#48
Methyl methacrylate
Concen: 59.742 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
41	100		
69	71.3	60.9	91.3
39	61.5	57.5	86.3





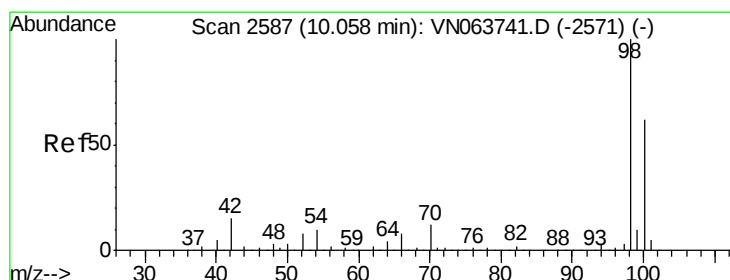
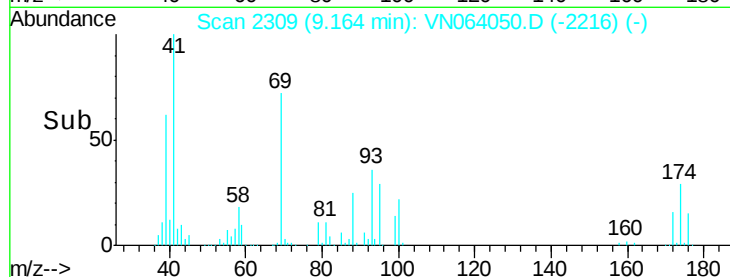
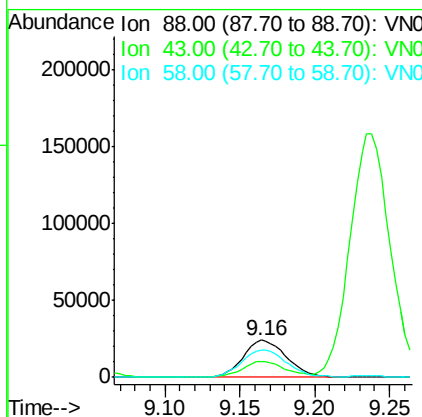
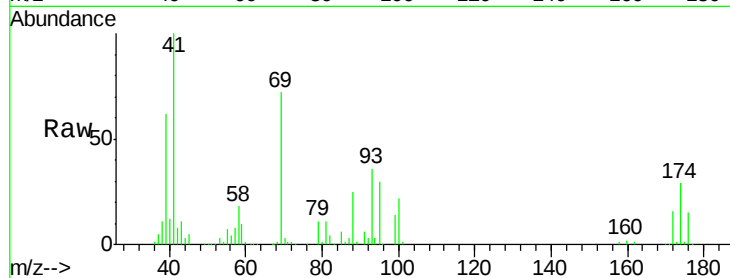
#49
1,4-Dioxane
Concen: 1073.541 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.9	33.1	49.7
58	78.1	58.9	88.3

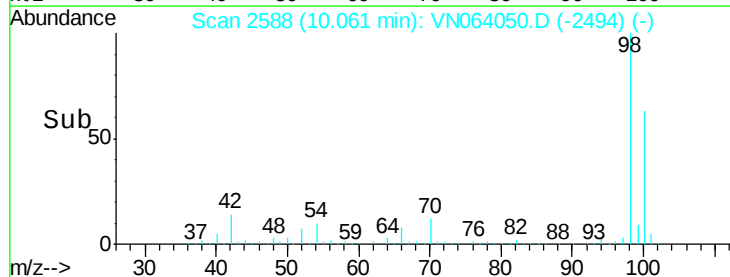
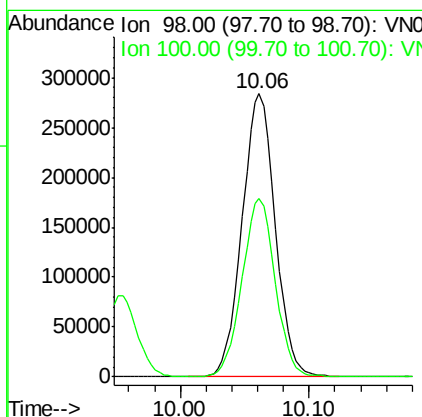
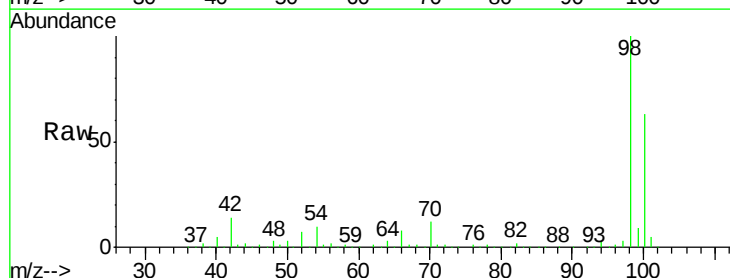
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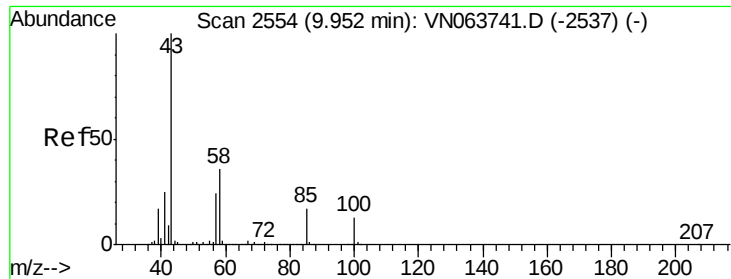
MMDadoda
10/12/2020 2:10:11 PM



#50
Toluene-d8
Concen: 49.546 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.9	49.8	74.6





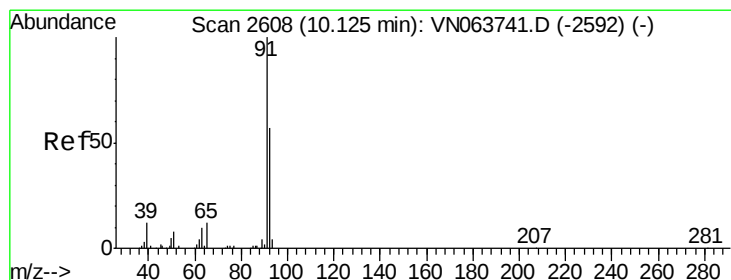
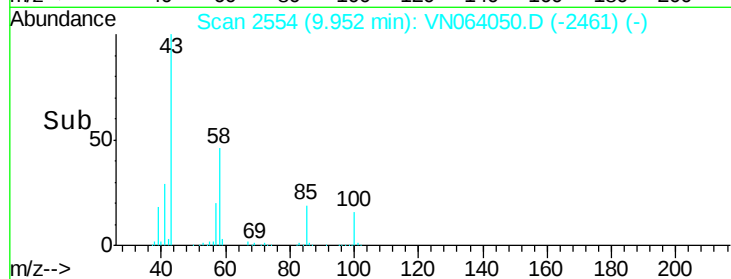
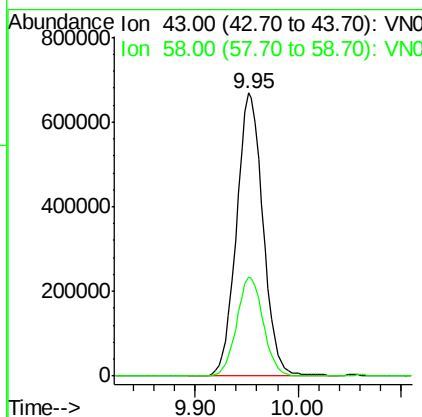
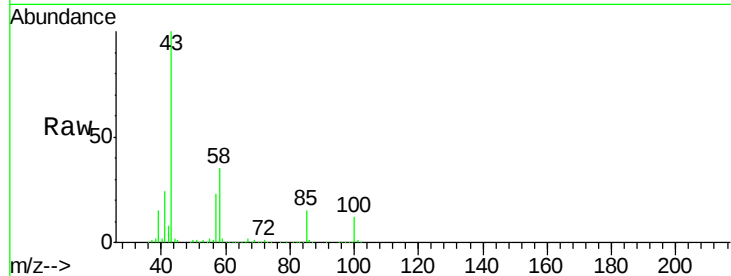
#51
4-Methyl-2-Pentanone
Concen: 314.705 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1193736
Ion Ratio Lower Upper
43 100
58 35.2 28.4 42.6

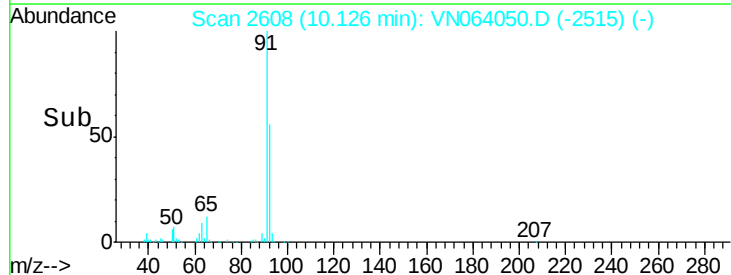
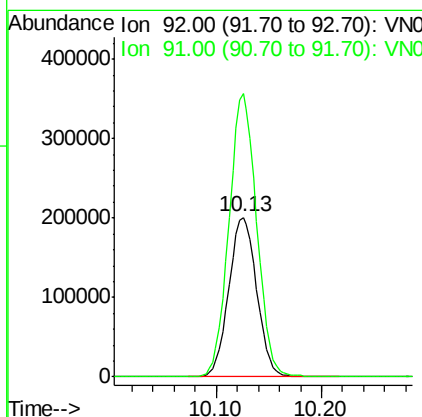
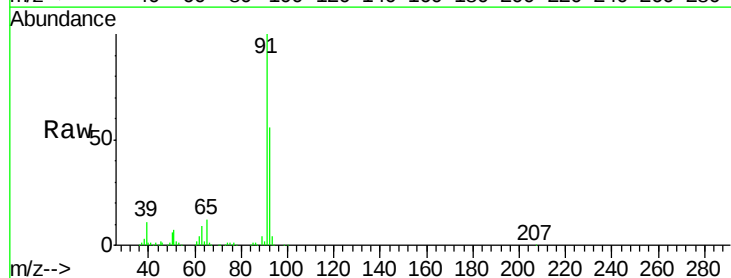
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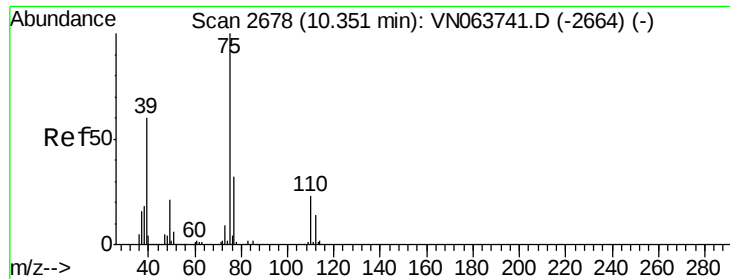
MMDadoda
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#52
Toluene
Concen: 52.905 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 92 Resp: 368660
Ion Ratio Lower Upper
92 100
91 175.3 140.6 210.8





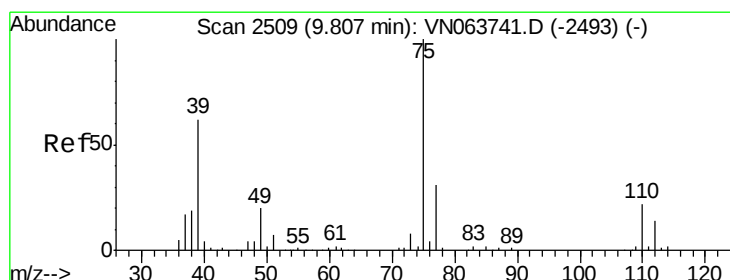
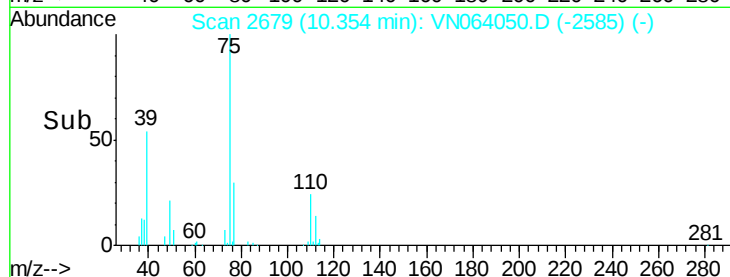
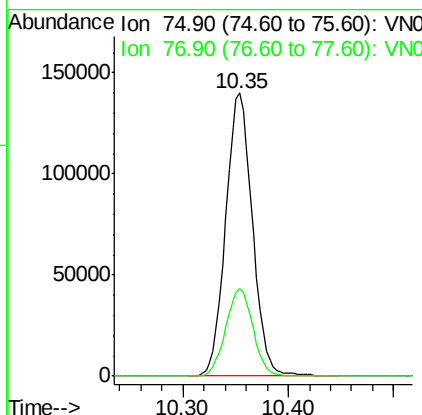
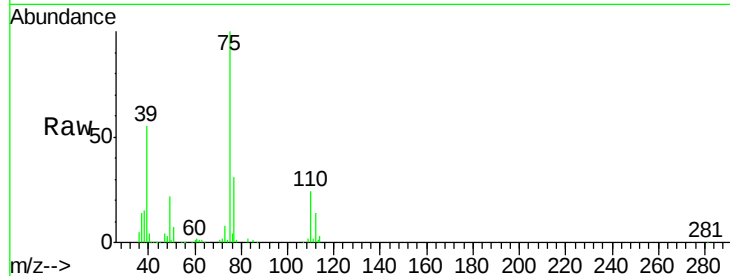
#53
t-1,3-Dichloropropene
Concen: 52.868 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 245141
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9

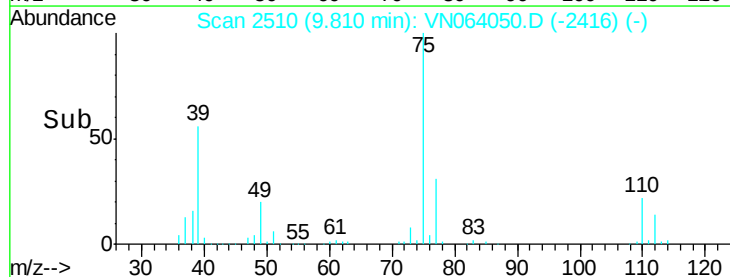
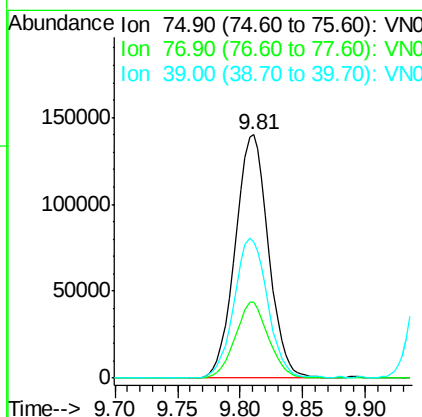
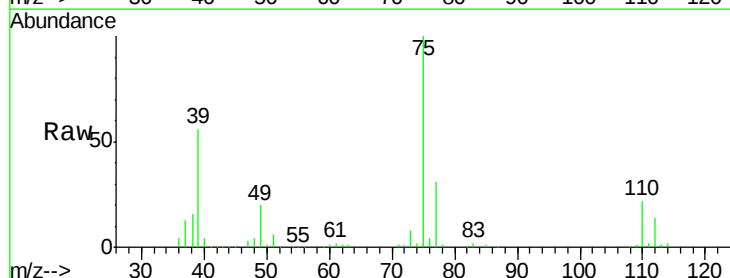
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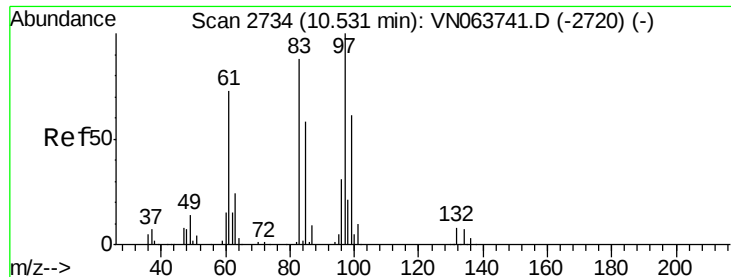
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#54
cis-1,3-Dichloropropene
Concen: 53.196 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 75 Resp: 257967
Ion Ratio Lower Upper
75 100
77 31.1 24.6 36.8
39 55.8 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 54.962 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 153593

Ion Ratio Lower Upper

97 100

83 86.3 70.7 106.1

85 54.7 46.1 69.1

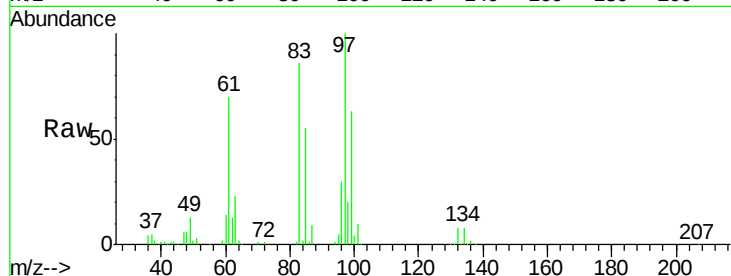
99 62.8 48.8 73.2

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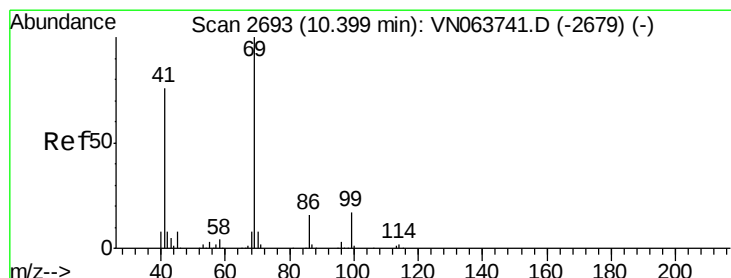
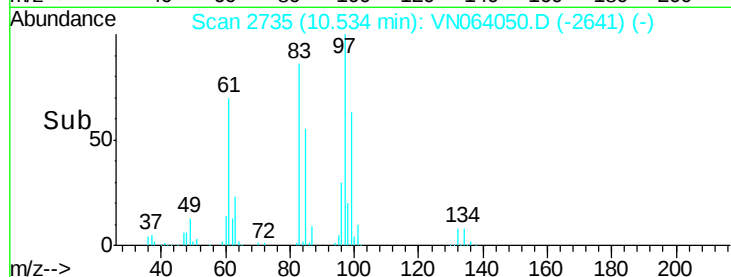
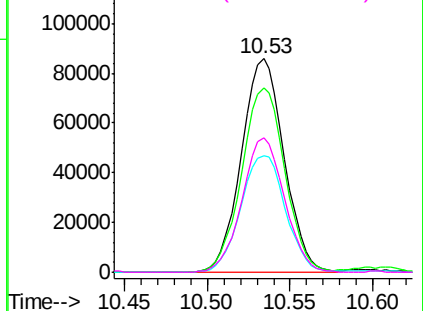


Abundance Ion 96.90 (96.60 to 97.60): VN064050.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN064050.D (-2641) (-)

Ion 84.90 (84.60 to 85.60): VN064050.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN064050.D (-2641) (-)



#56

Ethyl methacrylate

Concen: 57.656 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

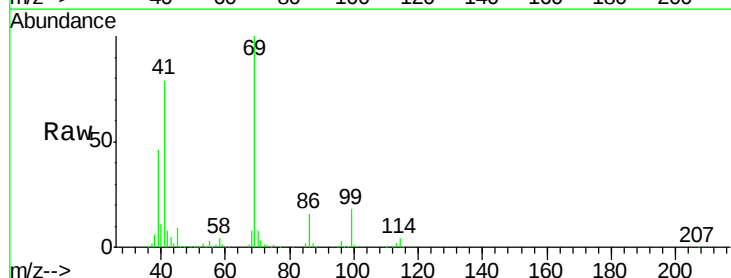
Tgt Ion: 69 Resp: 228381

Ion Ratio Lower Upper

69 100

41 77.6 61.1 91.7

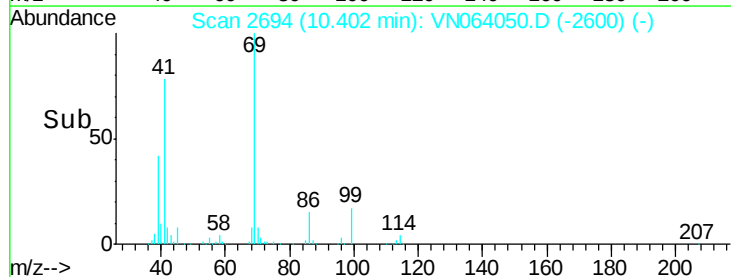
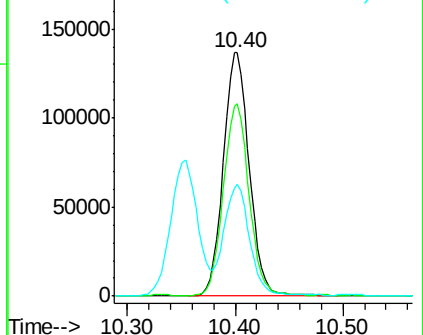
39 45.0 42.2 63.4

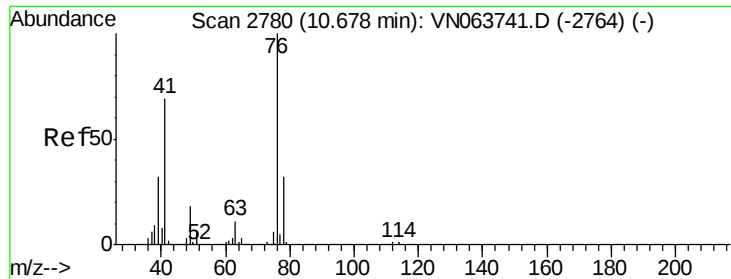


Abundance Ion 69.00 (68.70 to 69.70): VN064050.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064050.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN064050.D (-2600) (-)





#57

1,3-Dichloropropane

Concen: 55.192 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 260941

Ion Ratio Lower Upper

76 100

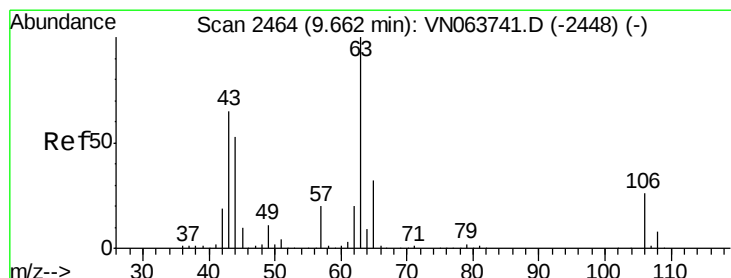
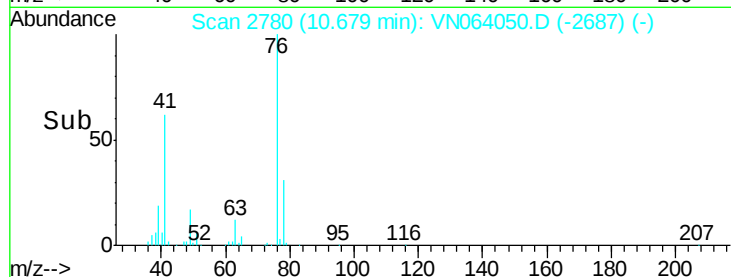
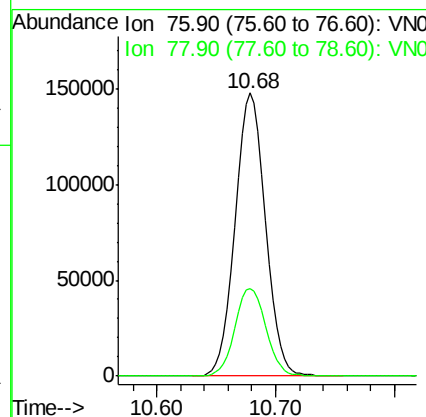
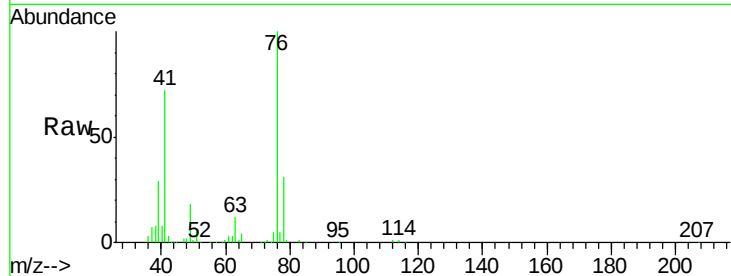
78 32.0 25.2 37.8

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 289.904 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064050.D

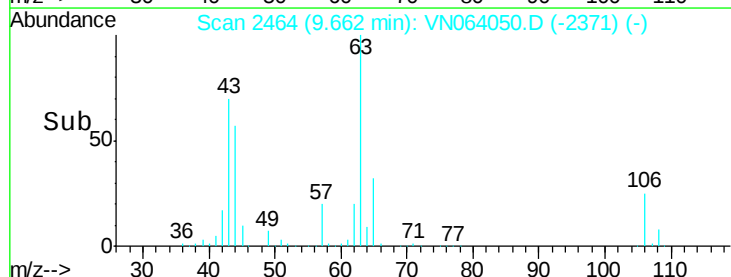
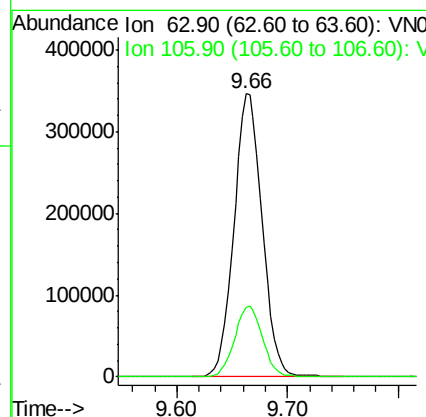
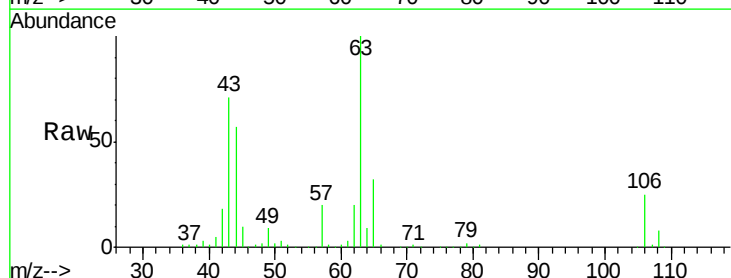
Acq: 9 Oct 2020 20:49

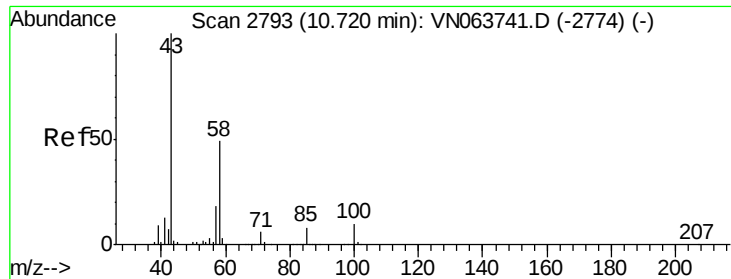
Tgt Ion: 63 Resp: 614263

Ion Ratio Lower Upper

63 100

106 24.8 20.7 31.1





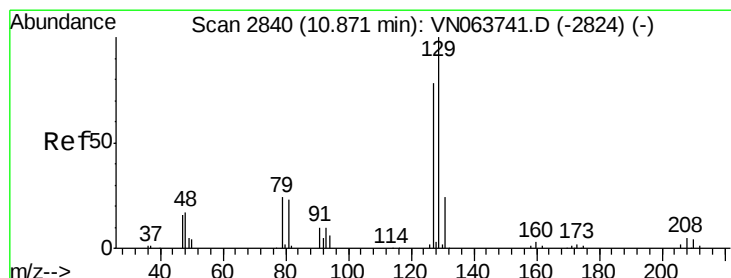
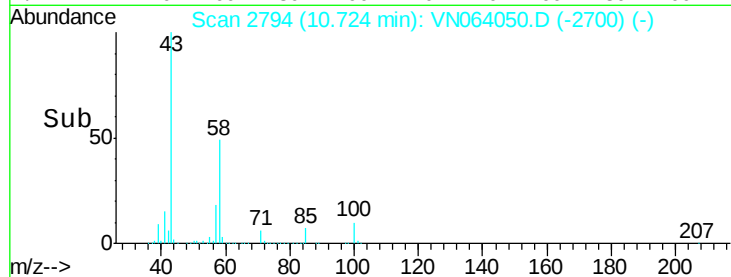
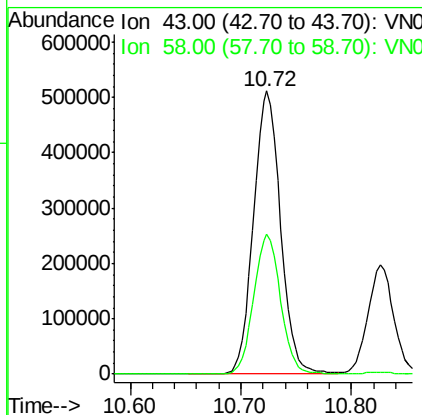
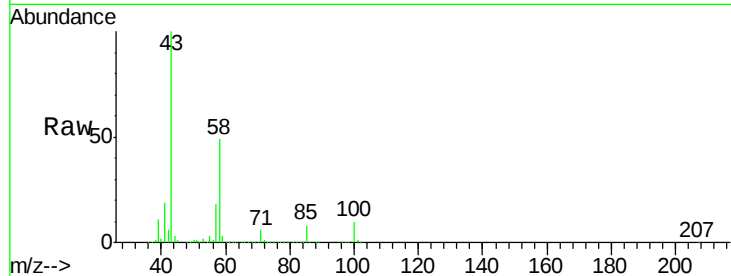
#59
2-Hexanone
Concen: 308.412 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 869048
Ion Ratio Lower Upper
43 100
58 49.1 24.6 73.8

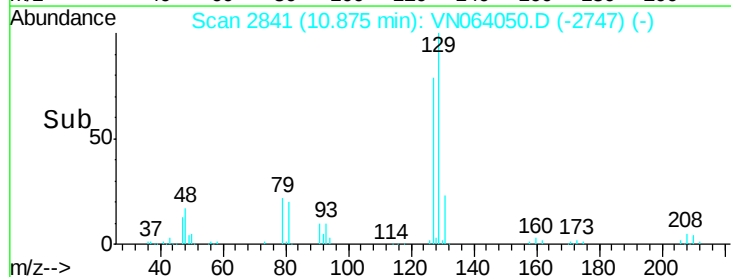
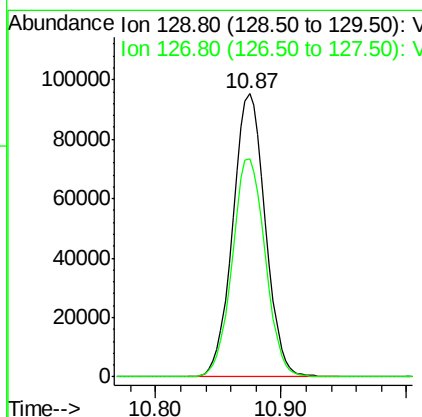
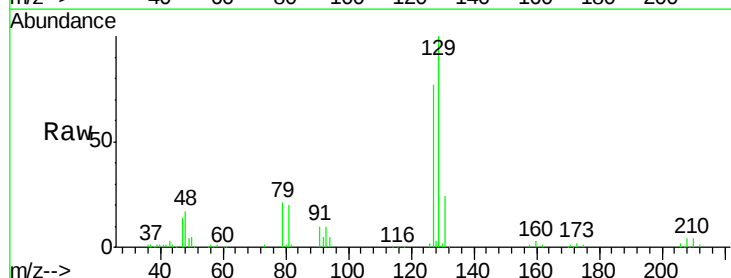
Manual Integrations
APPROVED

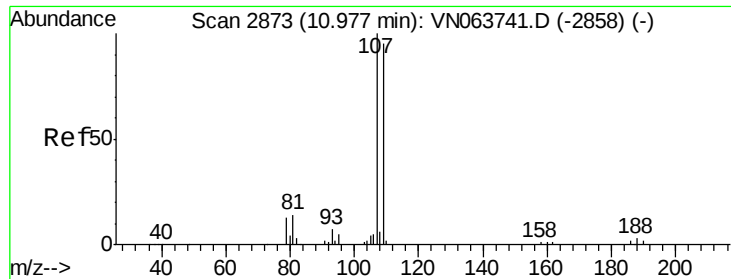
MMDadoda
10/12/2020 2:10:11 PM



#60
Dibromochloromethane
Concen: 52.731 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 129 Resp: 171611
Ion Ratio Lower Upper
129 100
127 78.1 38.9 116.7





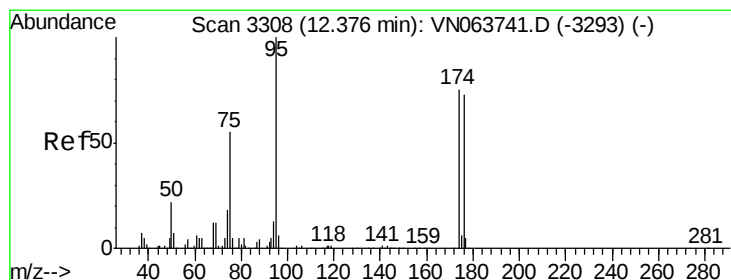
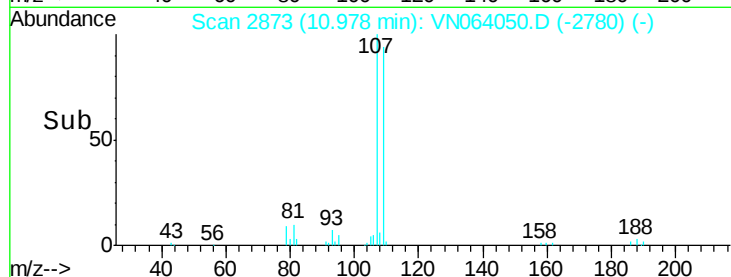
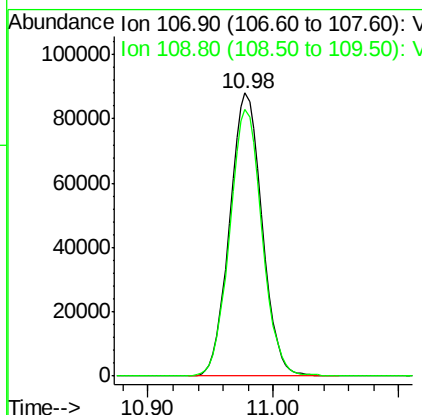
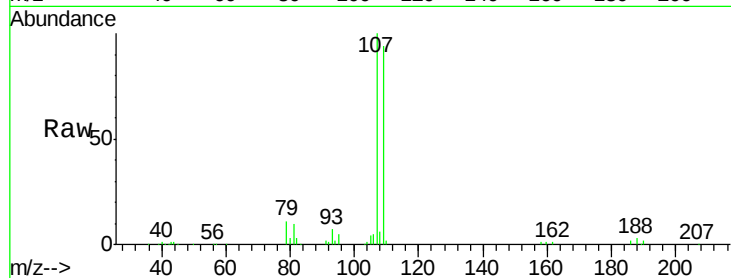
#61
 1,2-Dibromoethane
 Concen: 55.151 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.8	112.2

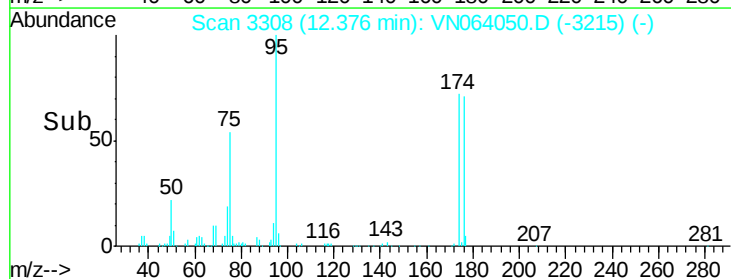
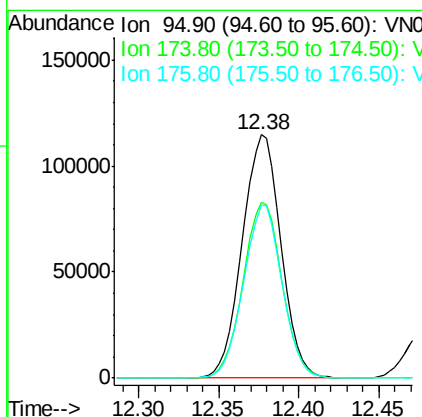
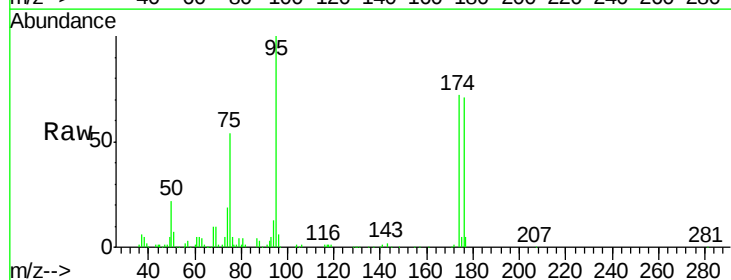
Manual Integrations
 APPROVED

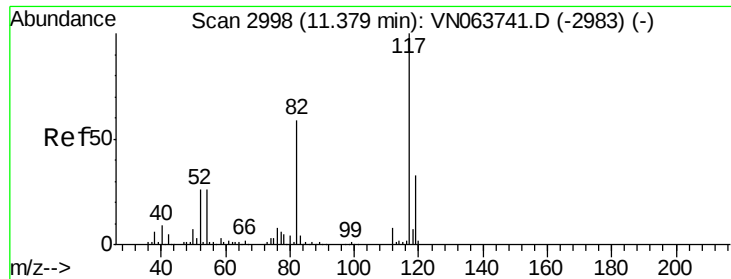
MMDadoda
 10/12/2020 2:10:11 PM



#62
 4-Bromofluorobenzene
 Concen: 49.206 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.7	0.0	150.6
176	70.8	0.0	145.4





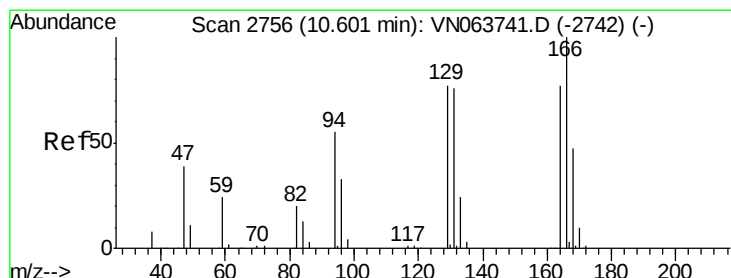
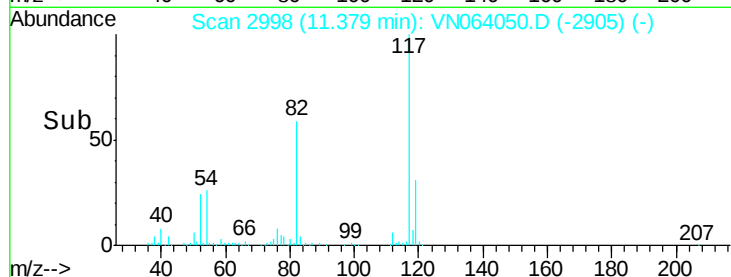
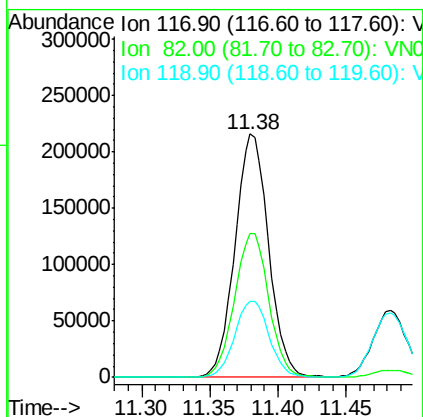
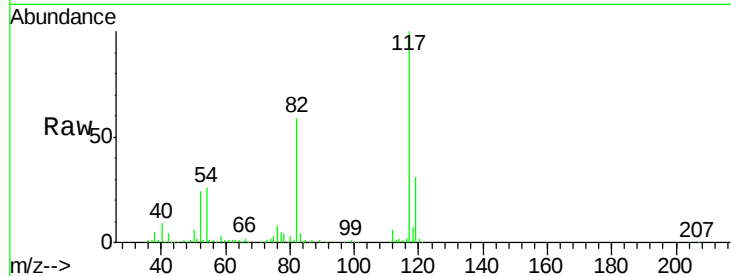
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	369265		
82	59.0		47.4	71.2
119	31.4		26.4	39.6

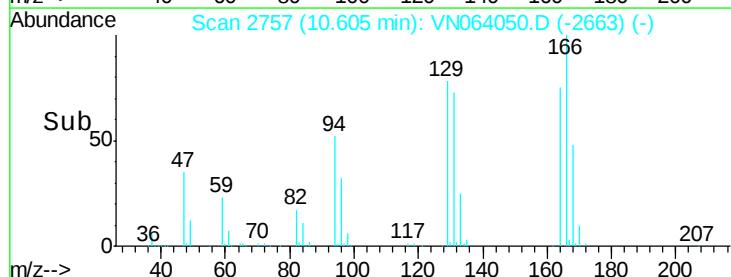
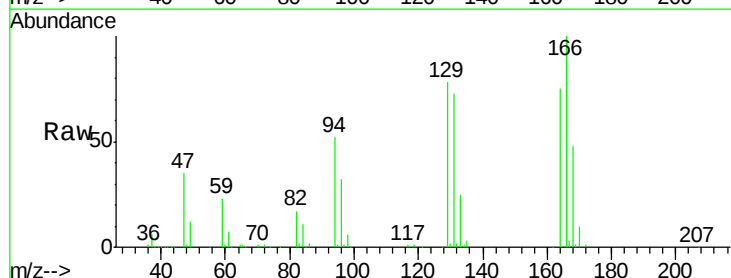
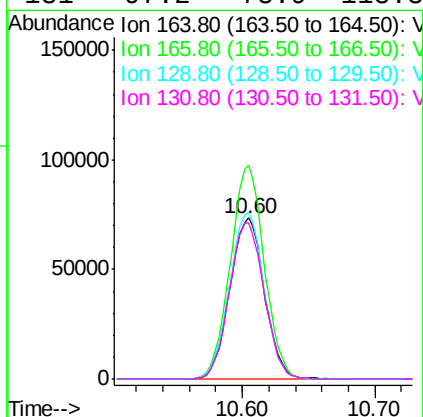
Manual Integrations
APPROVED

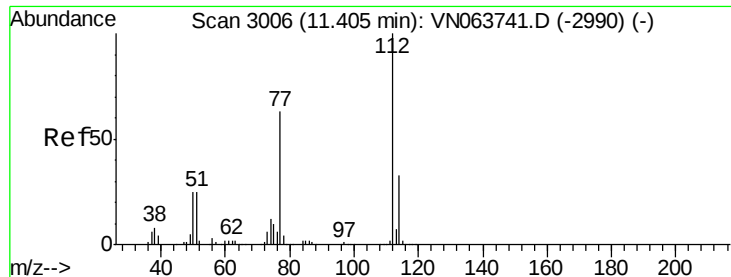
MMDadoda
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#64
Tetrachloroethene
Concen: 46.524 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	132915		
166	132.6		103.9	155.9
129	103.6		80.3	120.5
131	97.2		78.9	118.3





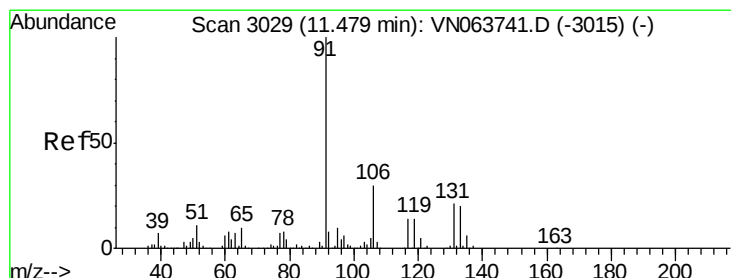
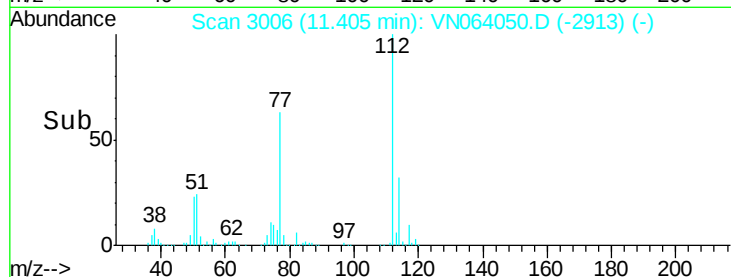
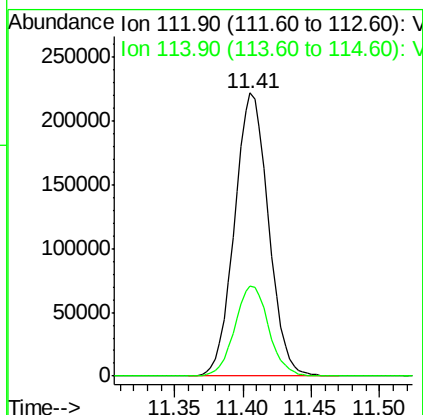
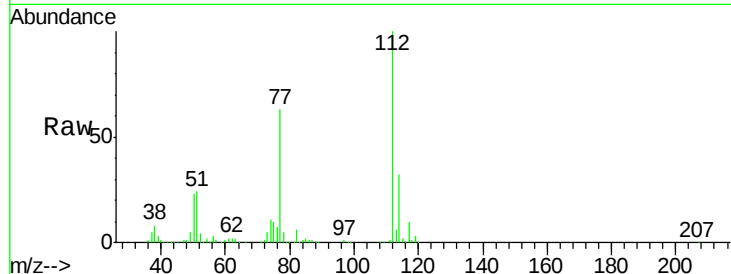
#65
Chlorobenzene
Concen: 50.801 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	26.1	39.1

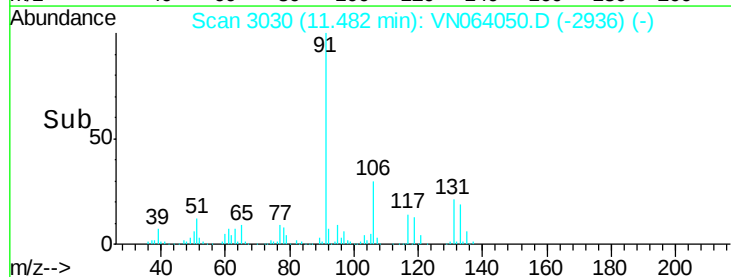
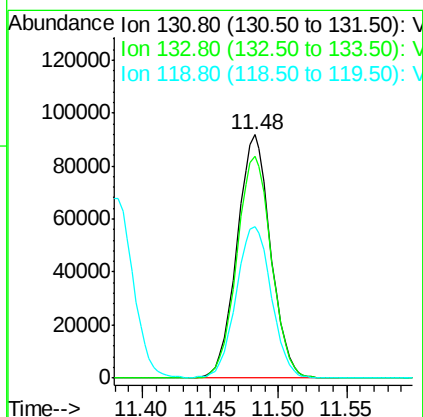
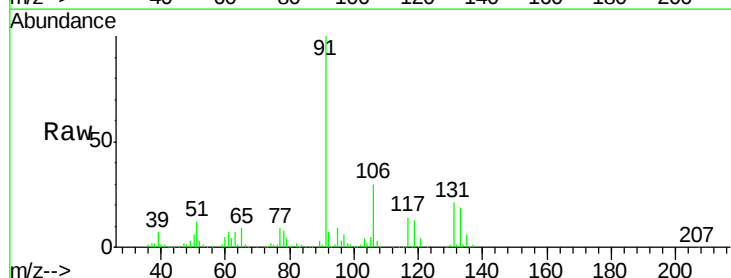
Manual Integrations
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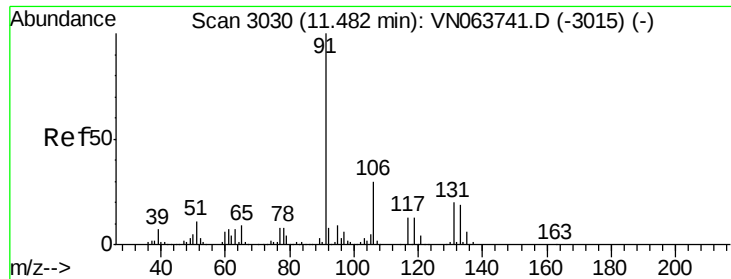
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.971 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.3	141.8
119	65.3	32.6	97.7





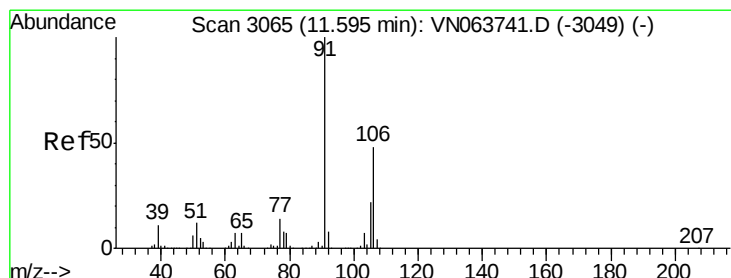
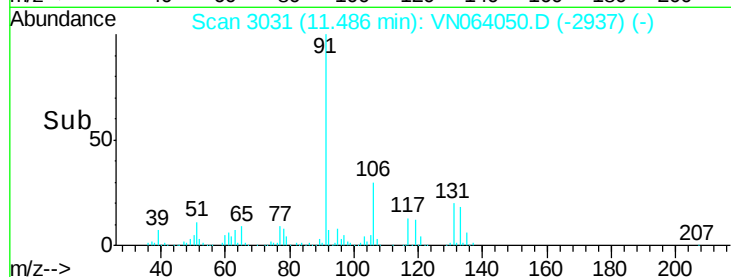
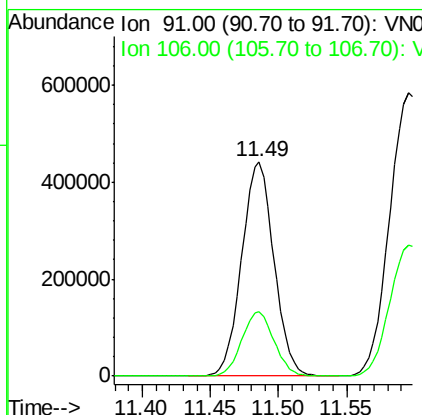
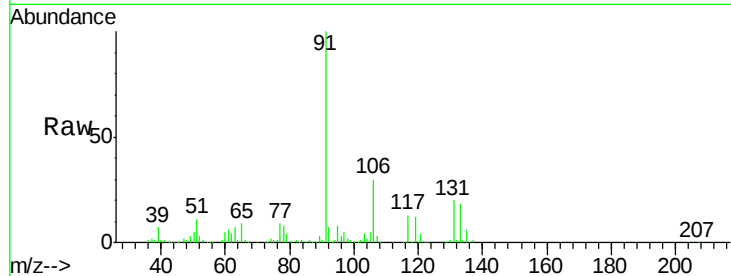
#67
Ethyl Benzene
Concen: 52.628 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 725386
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.2

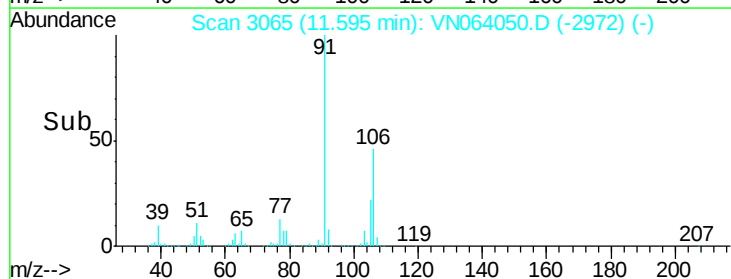
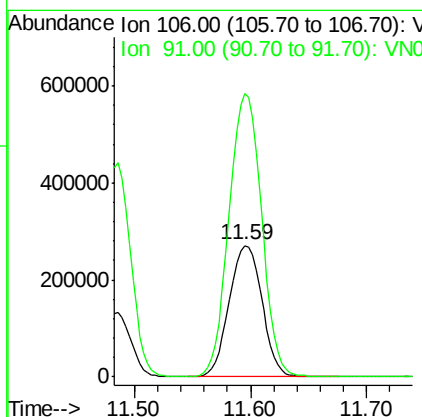
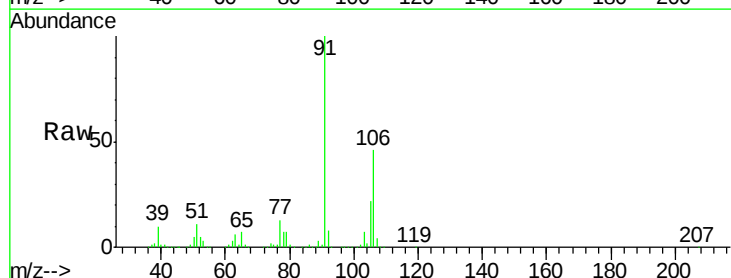
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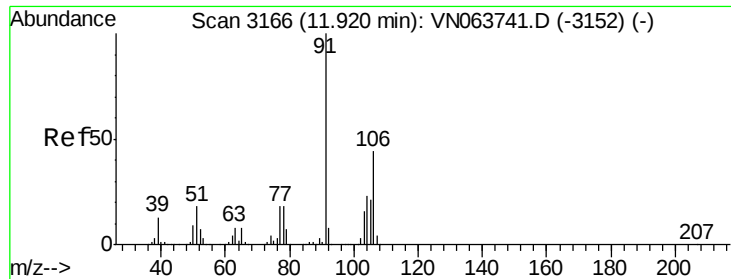
MMDadoda
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#68
m/p-Xylenes
Concen: 103.080 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion: 106 Resp: 529526
Ion Ratio Lower Upper
106 100
91 214.2 168.0 252.0





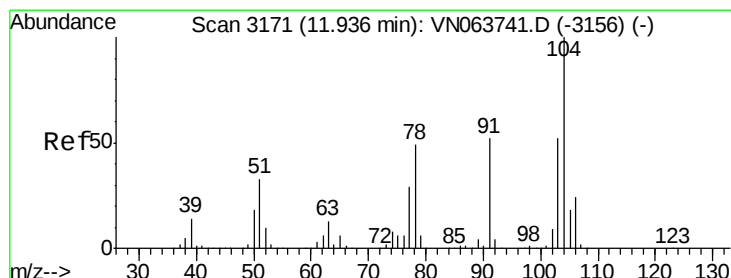
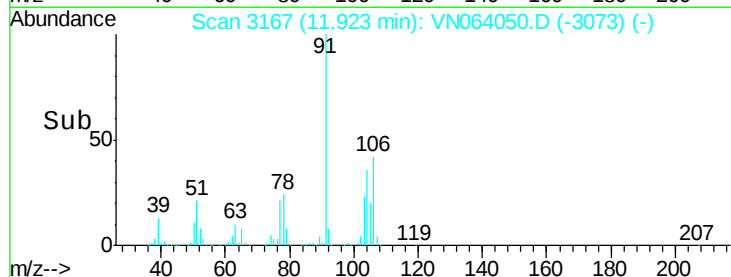
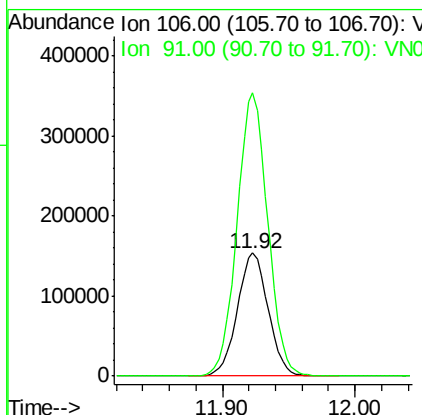
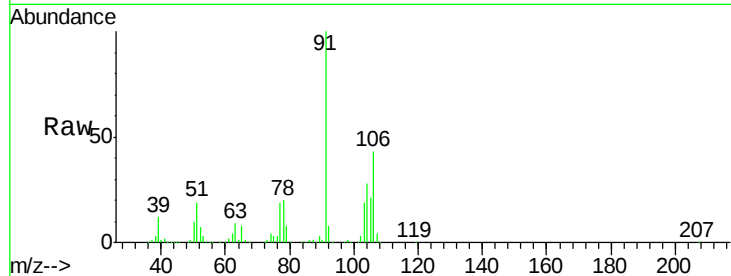
#69
o-Xylene
Concen: 51.593 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 247721
Ion Ratio Lower Upper
106 100
91 229.6 112.7 338.0

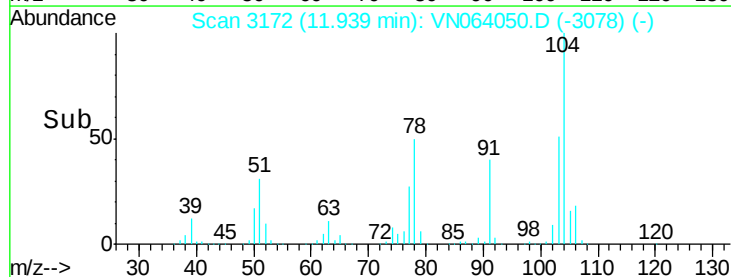
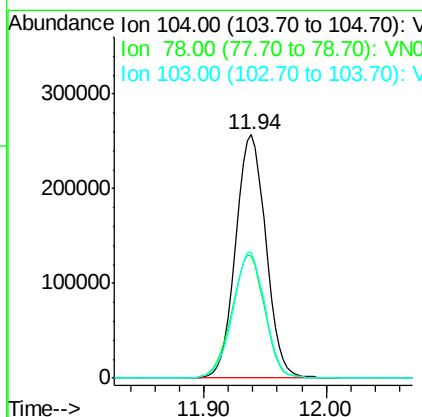
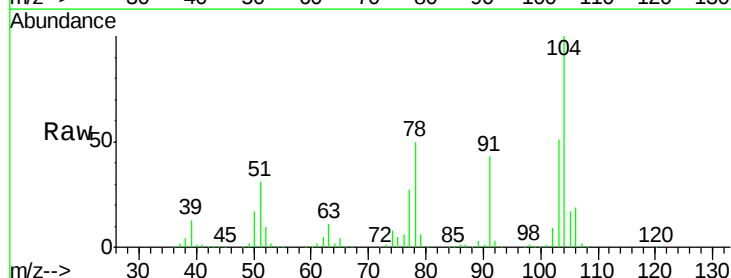
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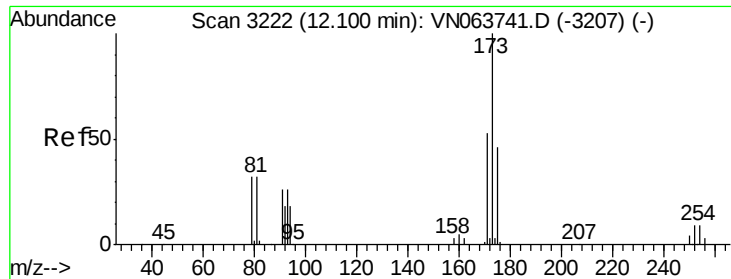
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#70
Styrene
Concen: 54.200 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion:104 Resp: 441741
Ion Ratio Lower Upper
104 100
78 55.2 44.1 66.1
103 55.0 44.3 66.5





#71

Bromoform

Concen: 53.269 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 118309

Ion Ratio Lower Upper

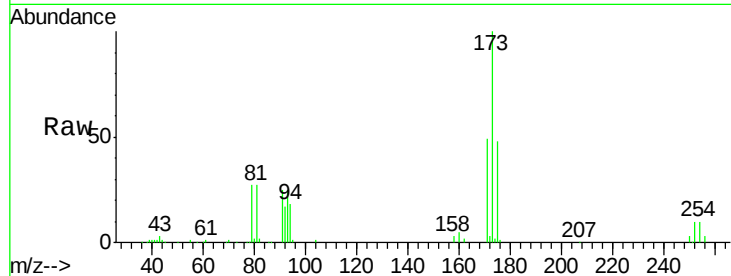
173 100

175 48.4 23.5 70.5

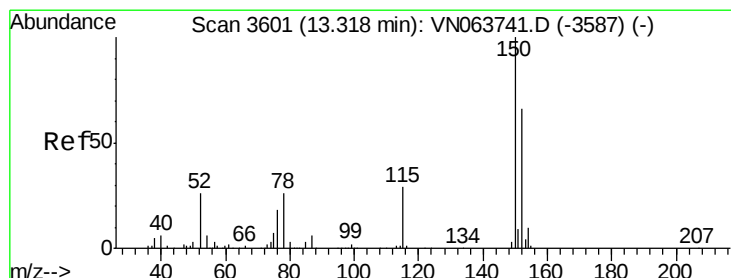
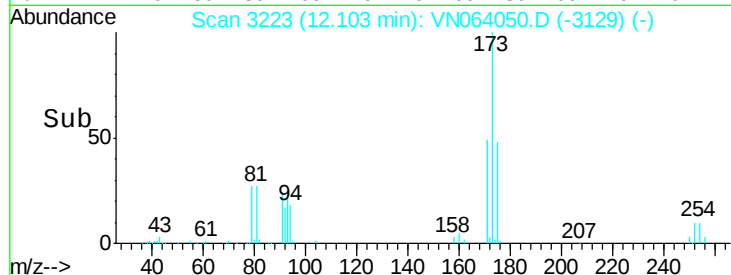
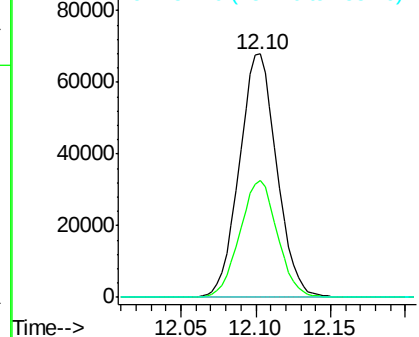
254 0.1 0.0 0.0#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

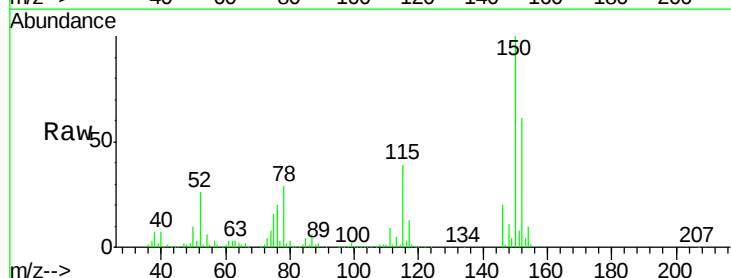
Tgt Ion:152 Resp: 174137

Ion Ratio Lower Upper

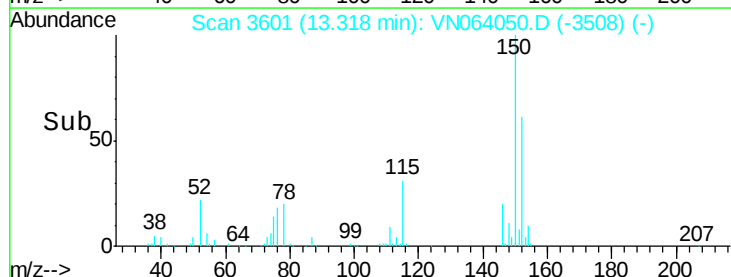
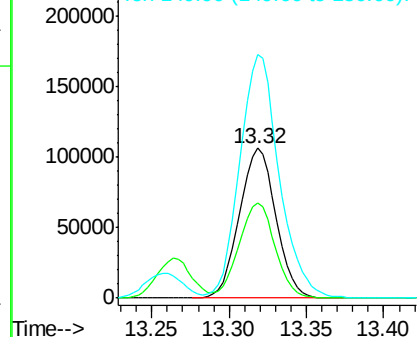
152 100

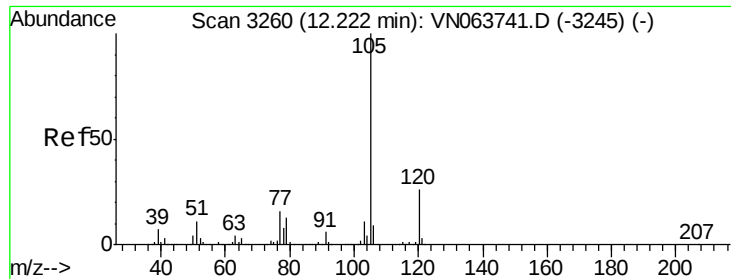
115 63.2 31.3 93.8

150 175.8 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: 53.753 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 682736

Ion Ratio Lower Upper

105 100

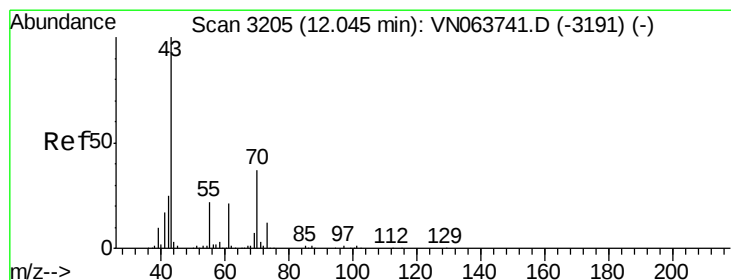
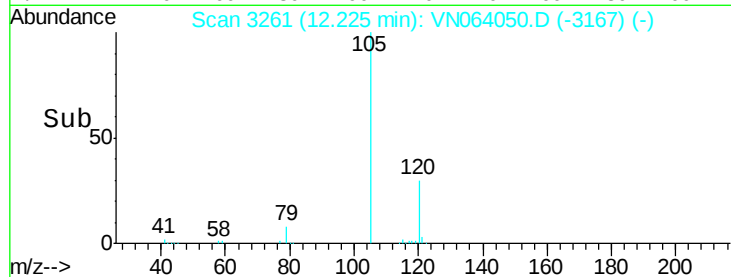
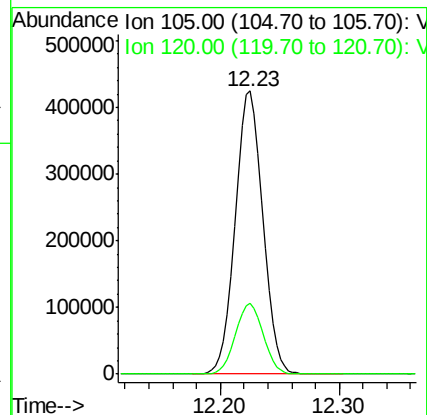
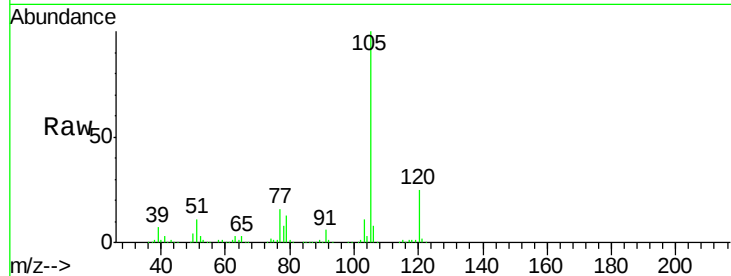
120 25.2 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.780 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Tgt Ion: 43 Resp: 324698

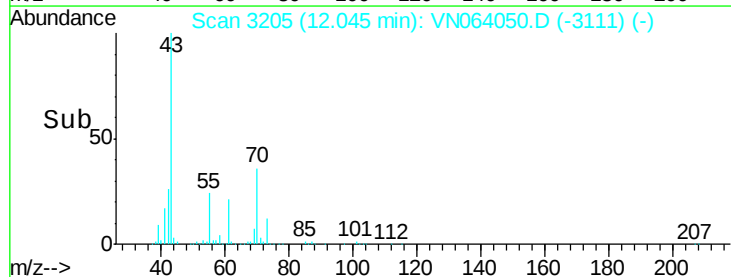
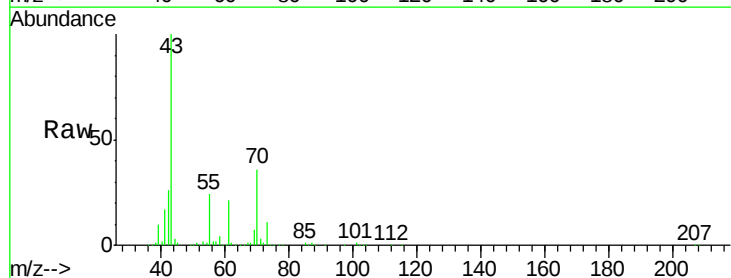
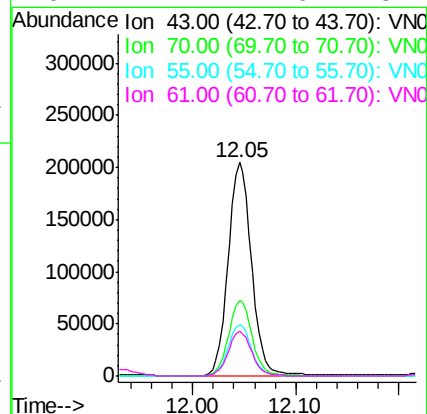
Ion Ratio Lower Upper

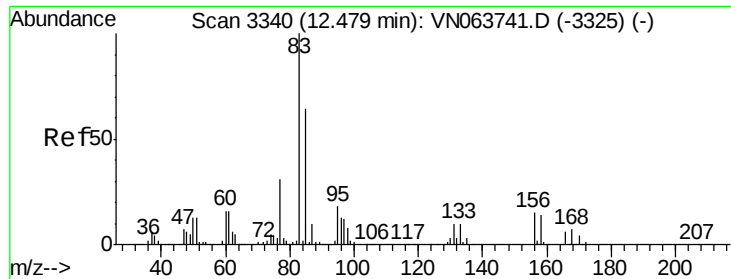
43 100

70 35.8 29.8 44.8

55 24.0 17.9 26.9

61 21.1 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 56.664 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 220082

Ion Ratio Lower Upper

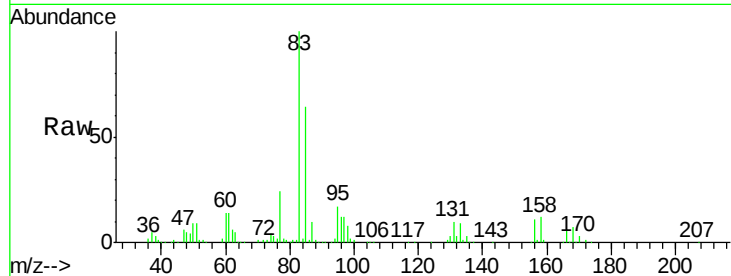
83 100

131 10.0 5.3 15.8

85 64.8 31.3 93.8

Manual Integrations
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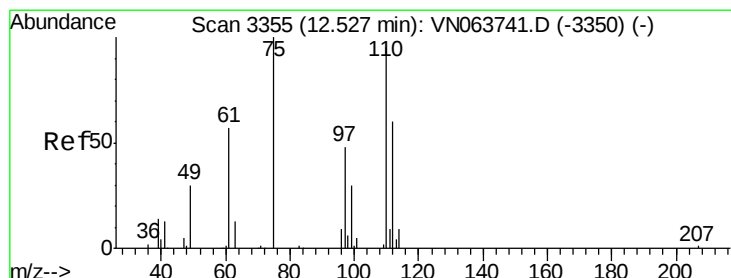
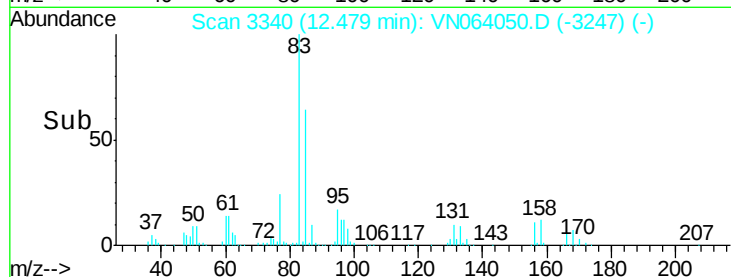
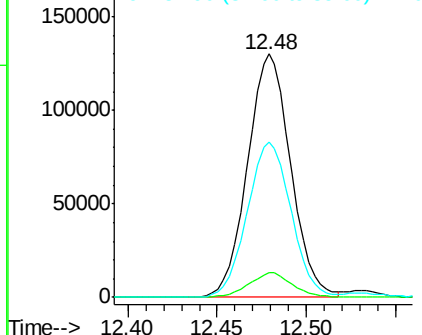
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Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 55.008 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064050.D

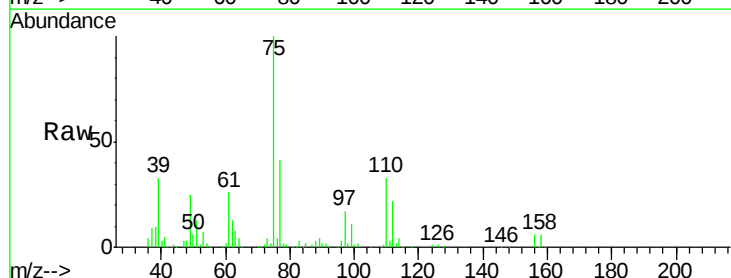
Acq: 9 Oct 2020 20:49

Tgt Ion: 75 Resp: 211157

Ion Ratio Lower Upper

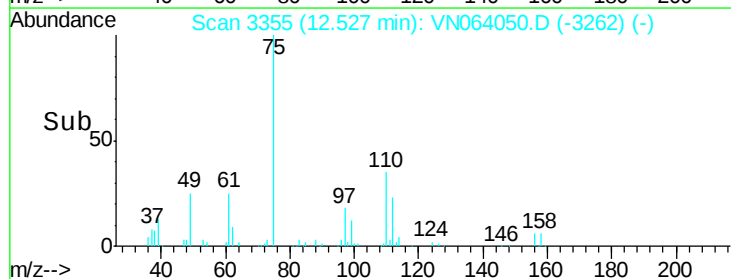
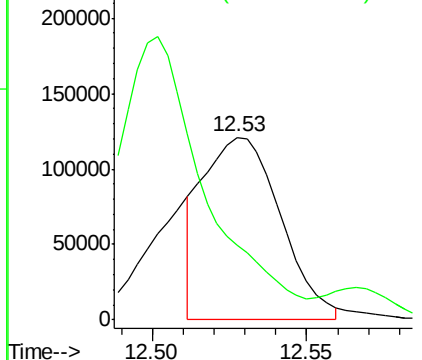
75 100

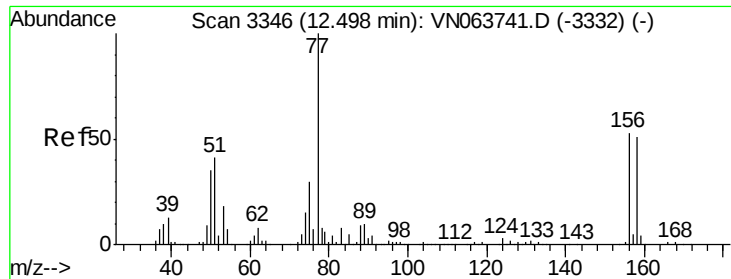
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 53.085 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 165446

Ion Ratio Lower Upper

156 100

77 228.9 110.9 332.7

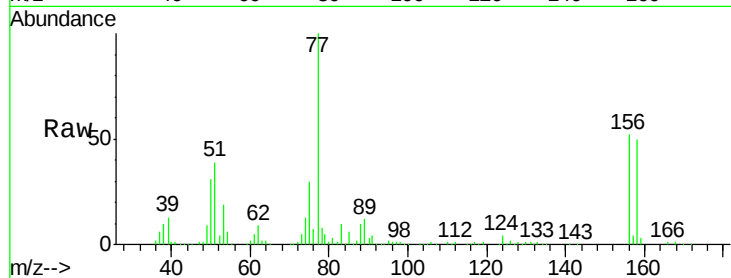
158 99.4 47.7 143.1

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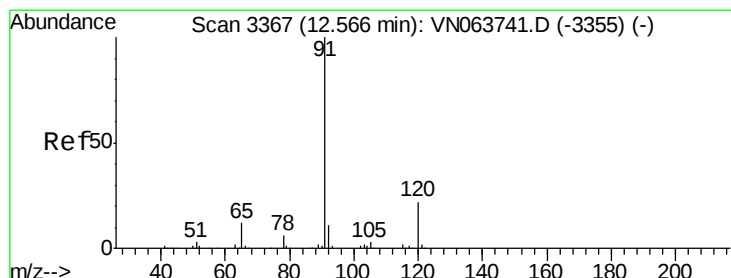
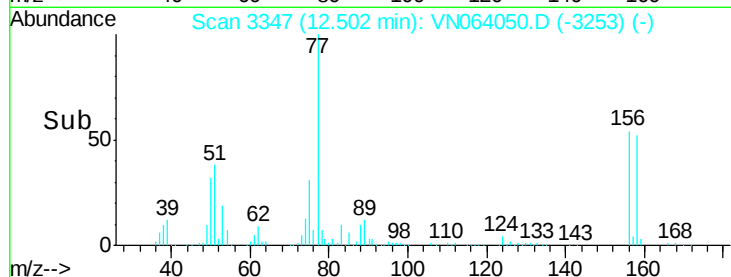
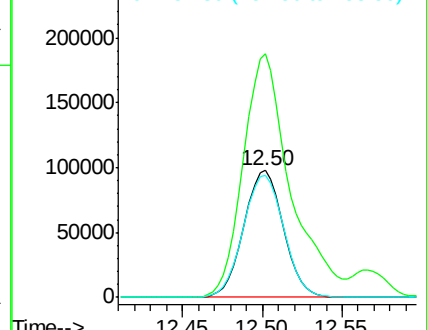
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.419 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064050.D

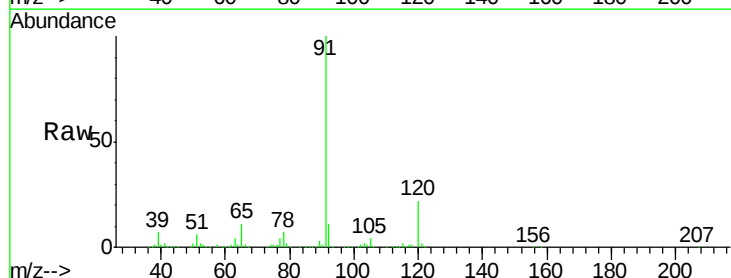
Acq: 9 Oct 2020 20:49

Tgt Ion: 91 Resp: 789634

Ion Ratio Lower Upper

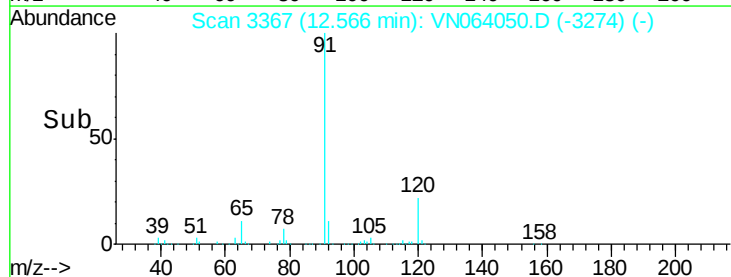
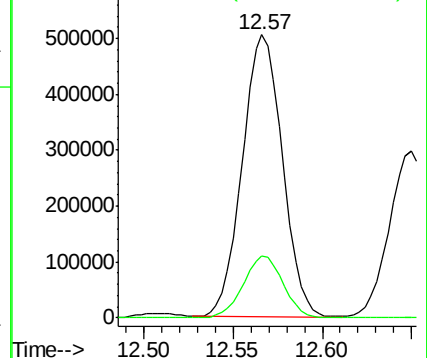
91 100

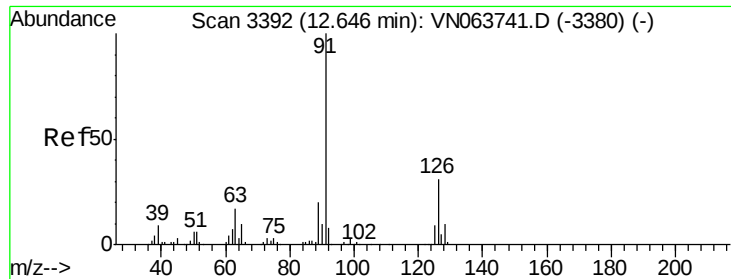
120 21.9 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





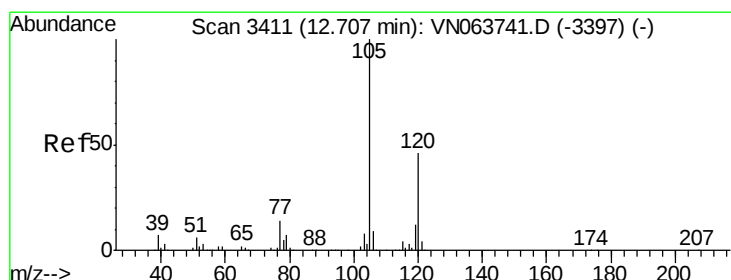
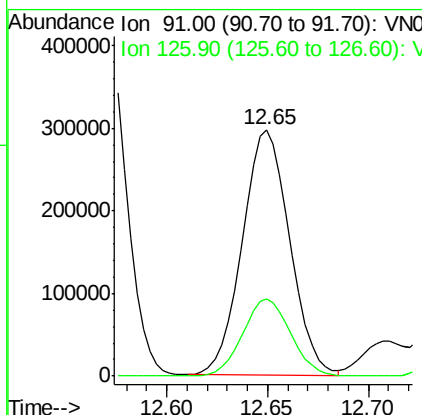
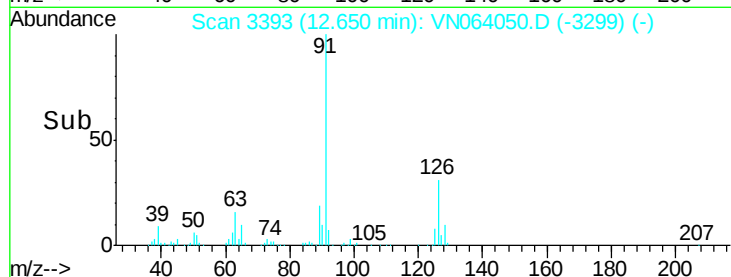
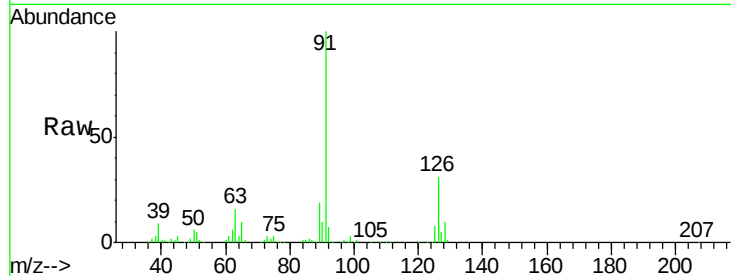
#79
 2-Chlorotoluene
 Concen: 53.665 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 487876
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.9 47.7

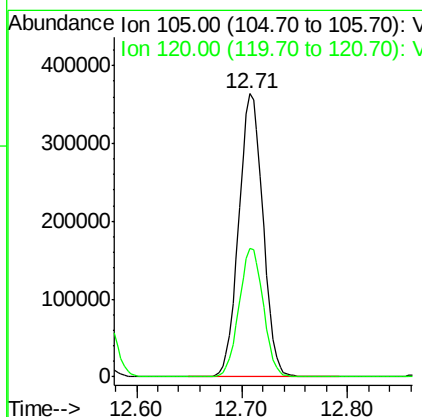
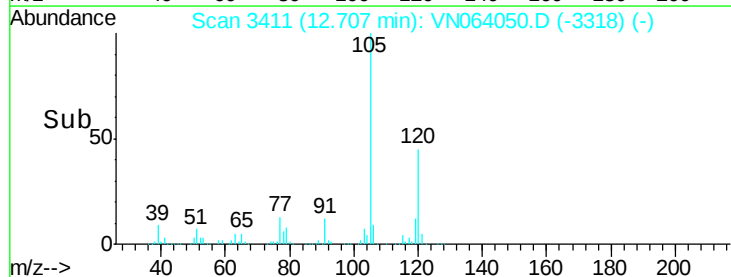
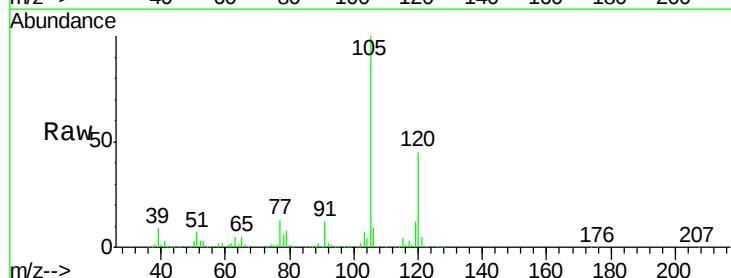
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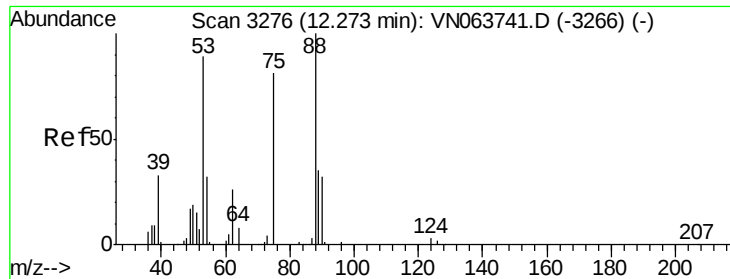
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#80
 1,3,5-Trimethylbenzene
 Concen: 54.201 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion: 105 Resp: 577555
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 53.801 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Instrument :

MSVOA_N

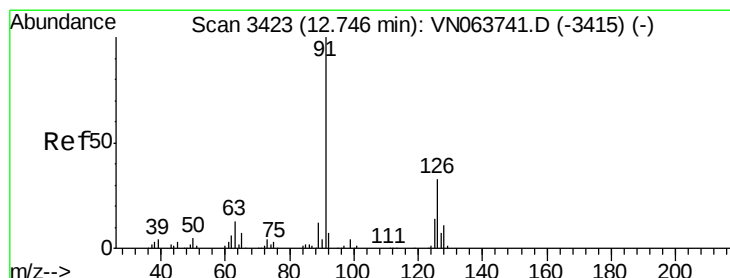
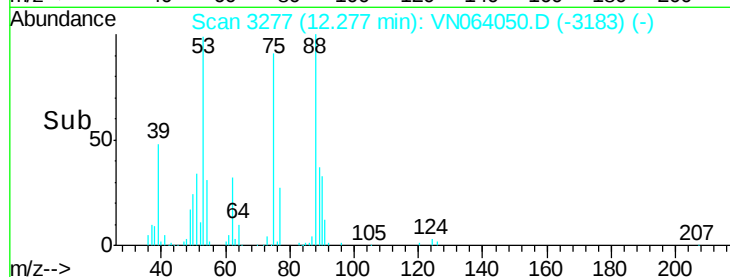
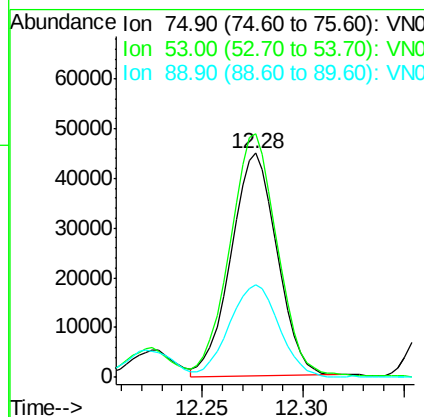
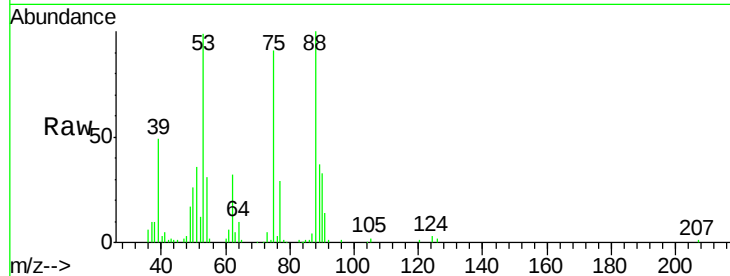
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	71706
Ion	Ratio	Lower	Upper
75	100		
53	113.3	88.2	132.2
89	44.0	36.0	54.0

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#82

4-Chlorotoluene

Concen: 54.764 ug/l

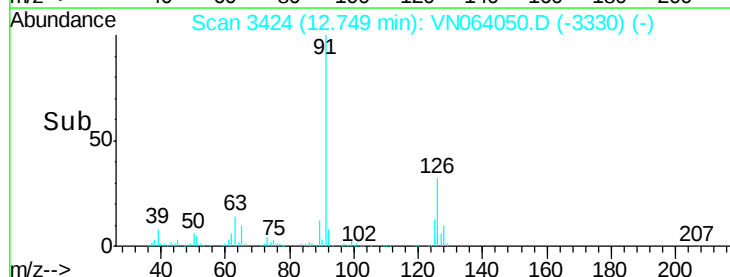
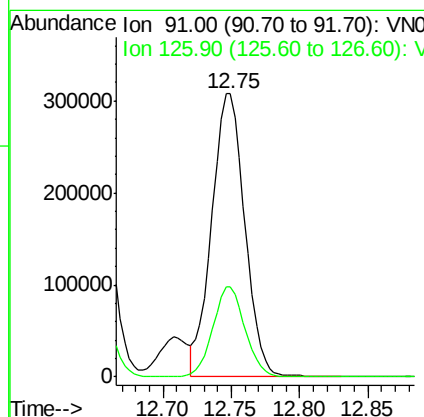
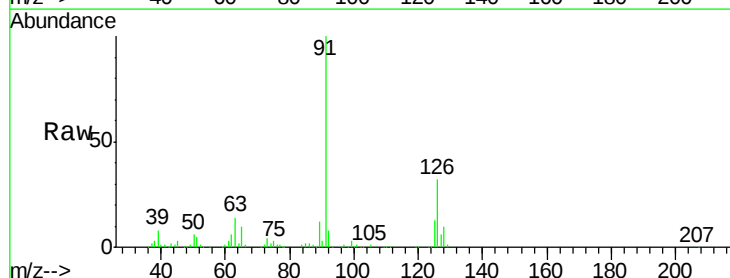
RT: 12.75 min Scan# 3424

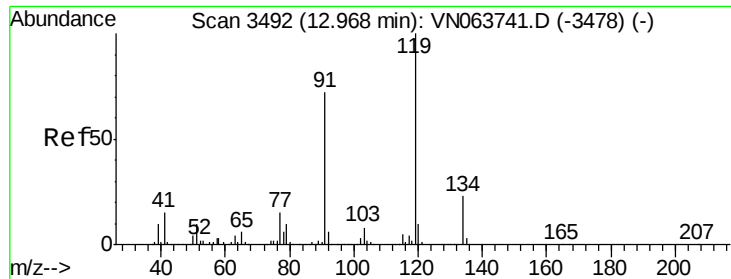
Delta R.T. 0.00 min

Lab File: VN064050.D

Acq: 9 Oct 2020 20:49

Tgt Ion:	91	Resp:	516841
Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.2





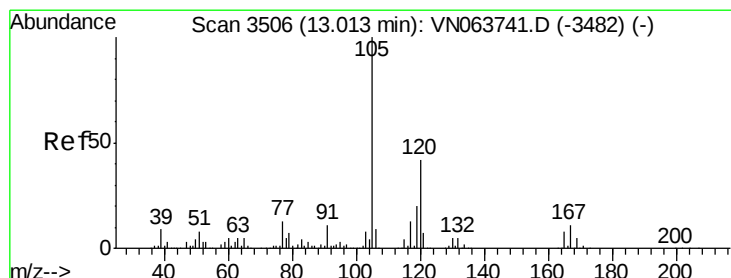
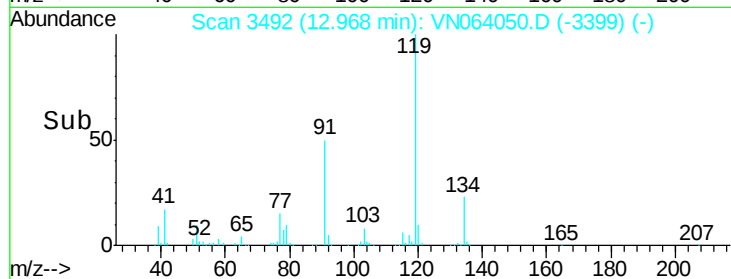
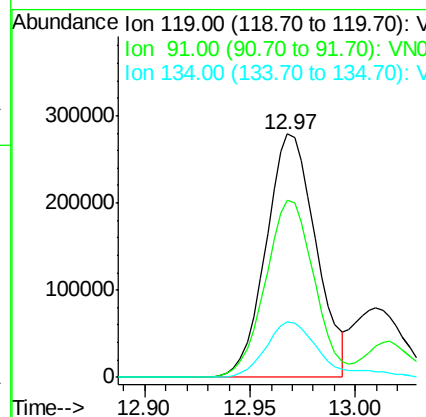
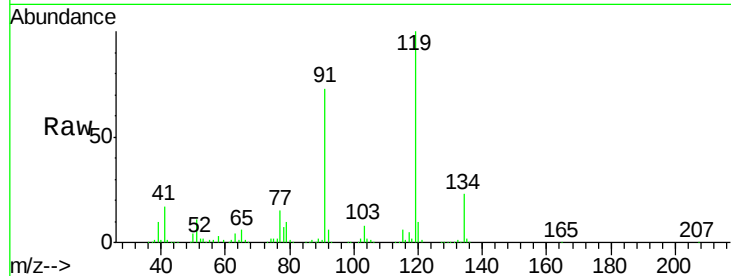
#83
 tert-Butylbenzene
 Concen: 52.724 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.1	35.5	106.5
134	25.2	11.7	35.1

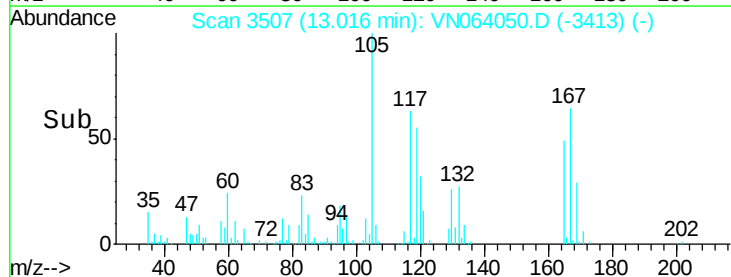
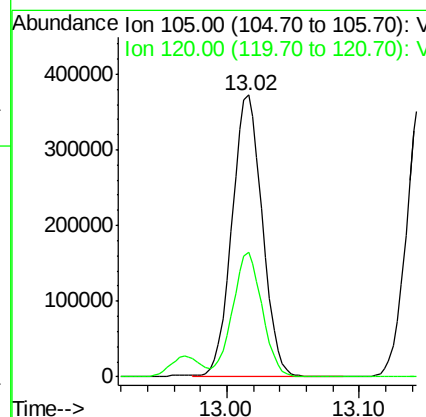
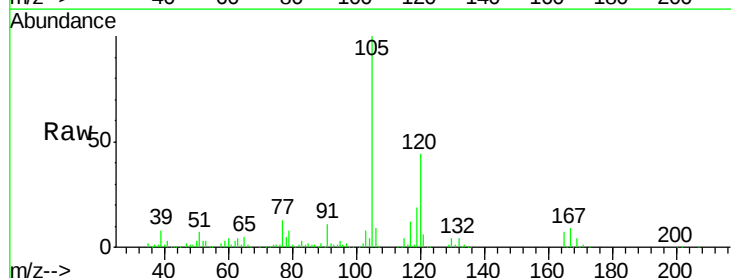
Manual Integrations
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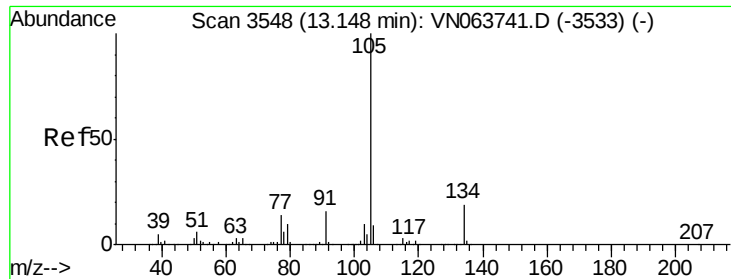
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.459 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.4	20.9	62.7





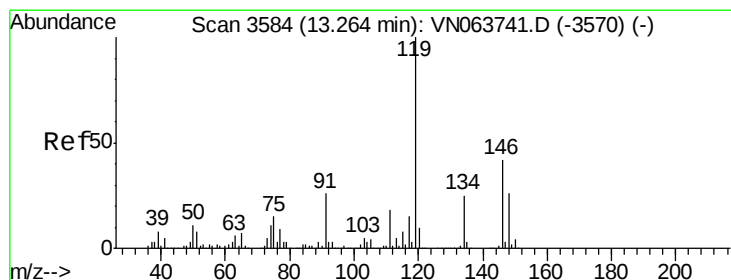
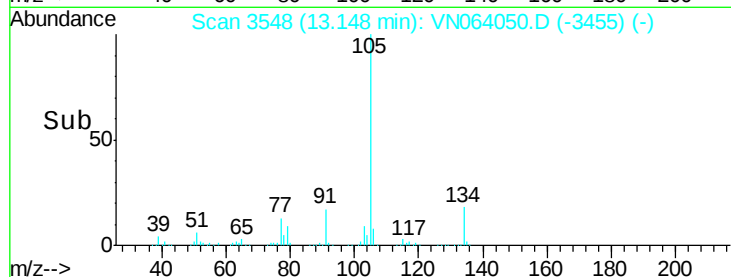
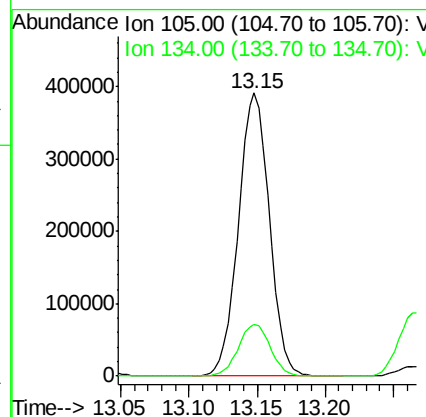
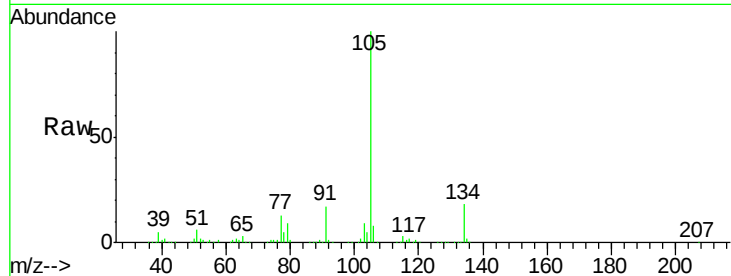
#85
 sec-Butylbenzene
 Concen: 53.632 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.5	28.5

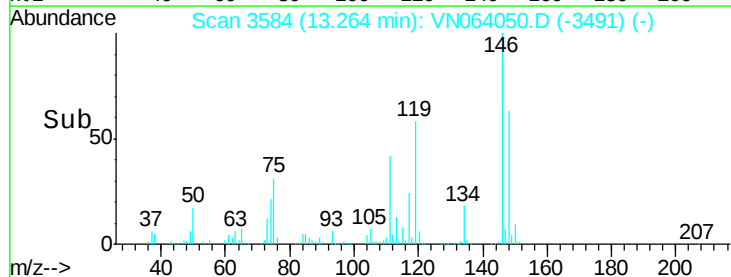
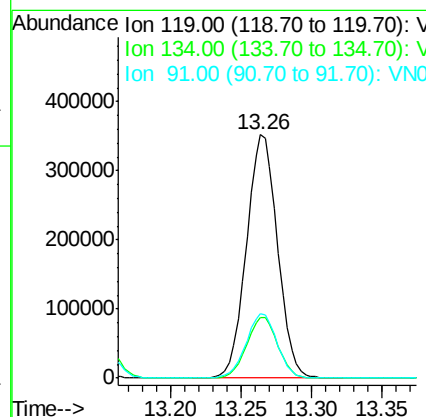
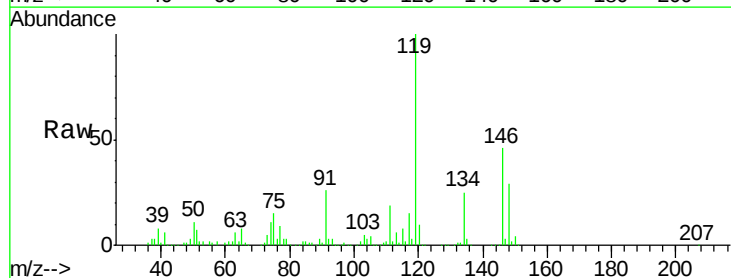
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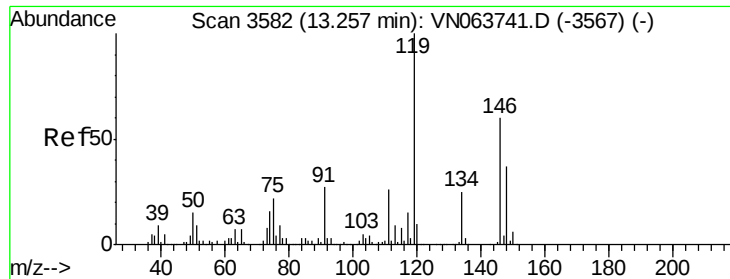
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#86
 p-Isopropyltoluene
 Concen: 53.528 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.1	12.6	37.8
91	26.3	13.4	40.2





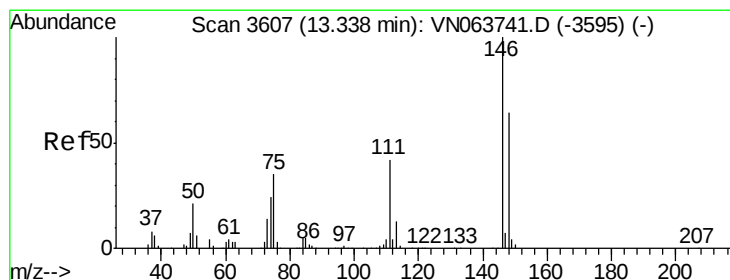
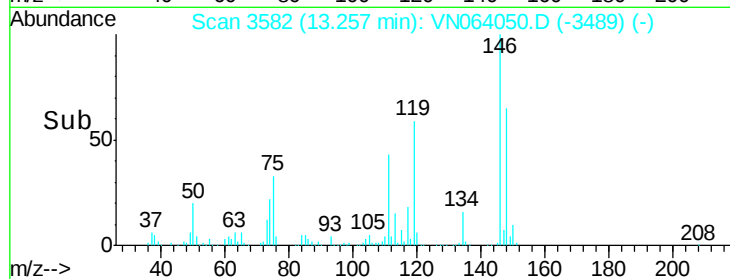
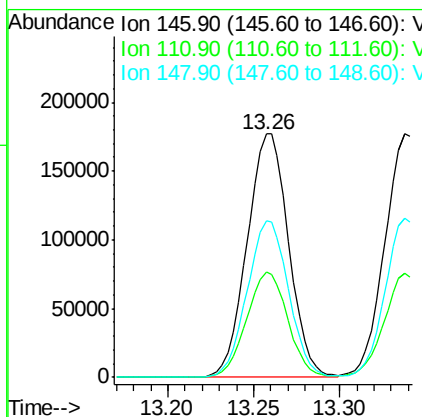
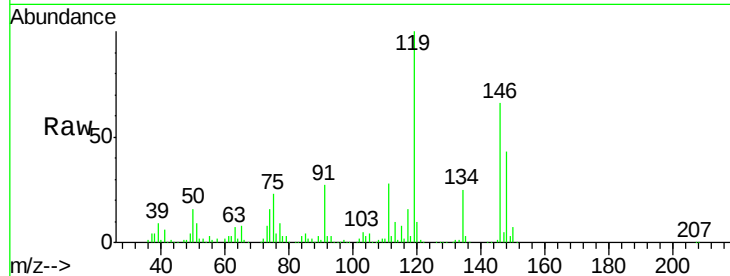
#87
 1,3-Dichlorobenzene
 Concen: 52.602 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	296588		
111	42.8	21.5	64.5	
148	64.0	31.1	93.3	

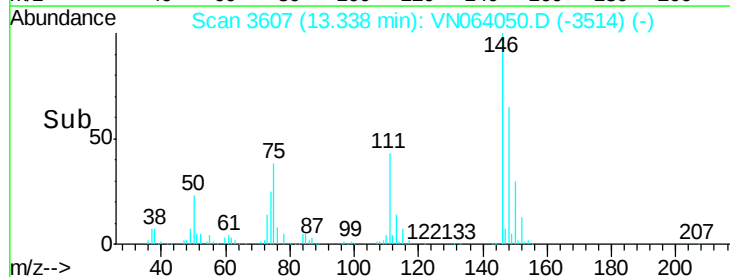
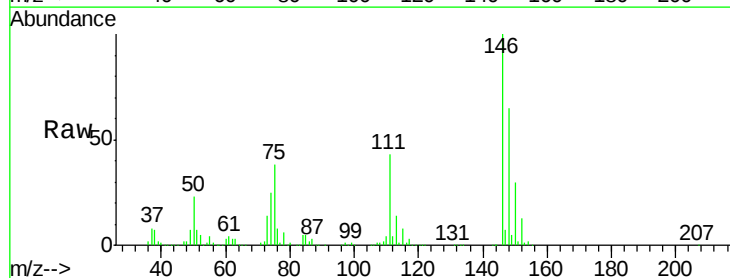
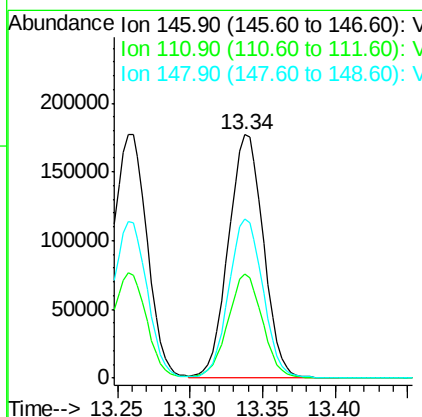
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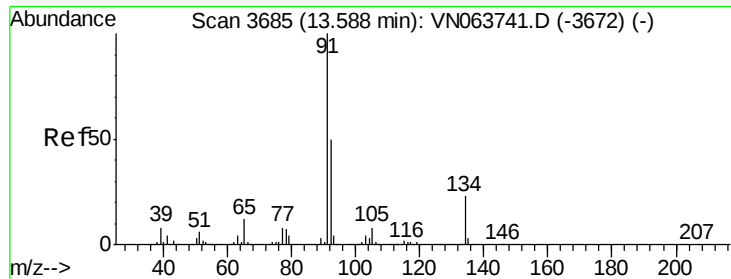
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#88
 1,4-Dichlorobenzene
 Concen: 50.484 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	296380		
111	42.1	21.3	63.7	
148	64.0	32.0	96.0	





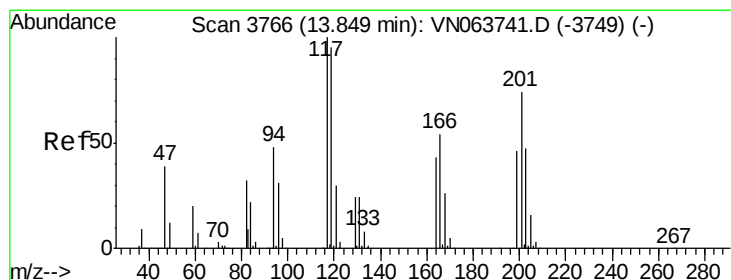
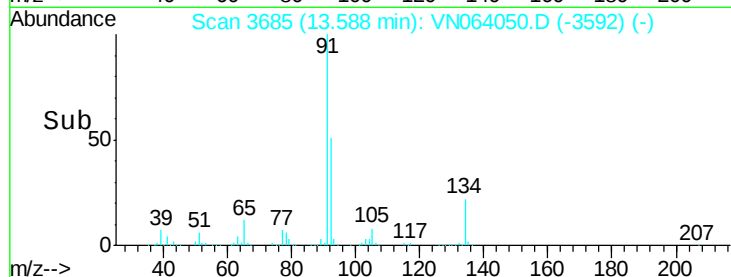
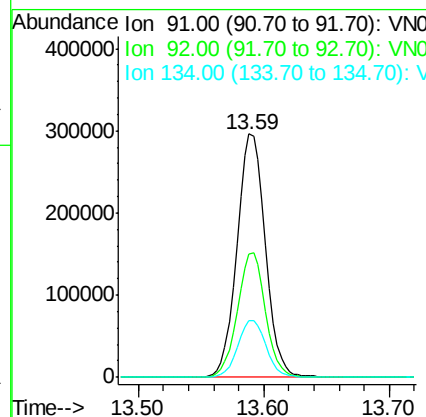
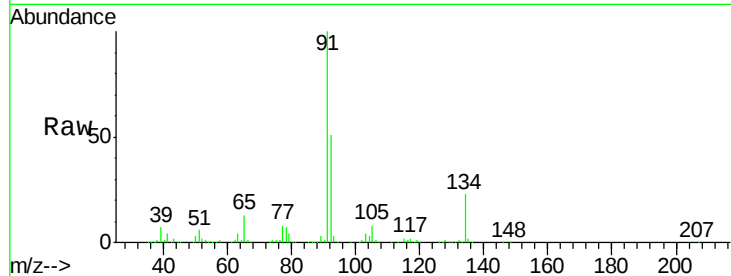
#89
n-Butylbenzene
Concen: 49.681 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.5	25.4	76.4
134	23.4	11.7	35.1

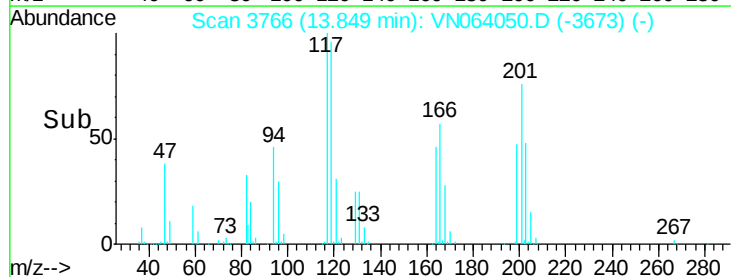
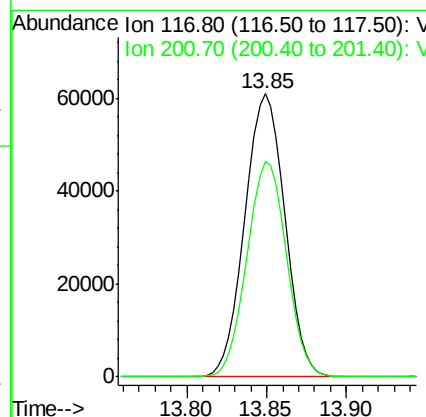
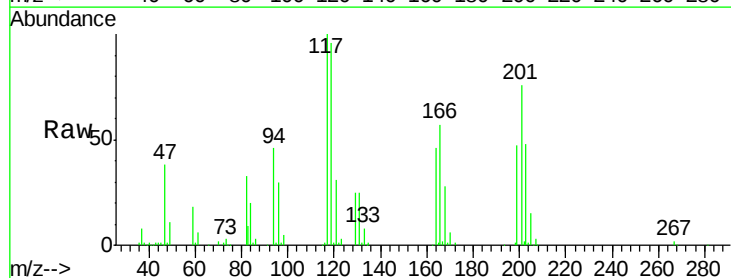
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#90
Hexachloroethane
Concen: 53.201 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.2	36.0	108.0





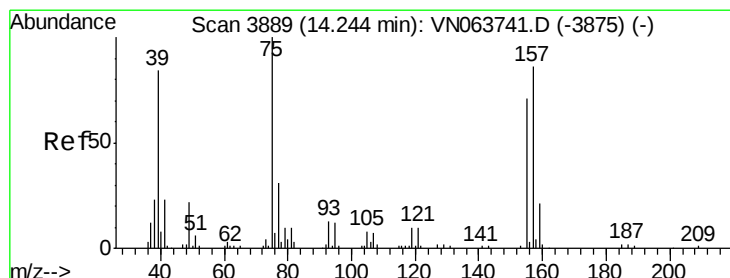
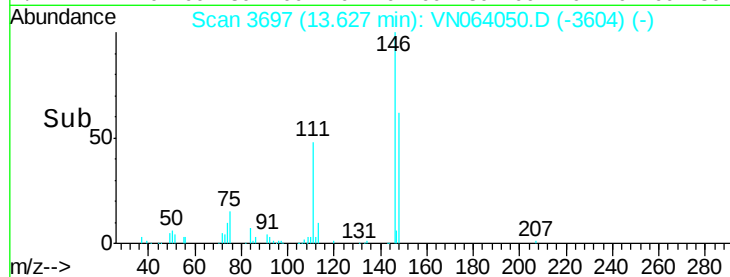
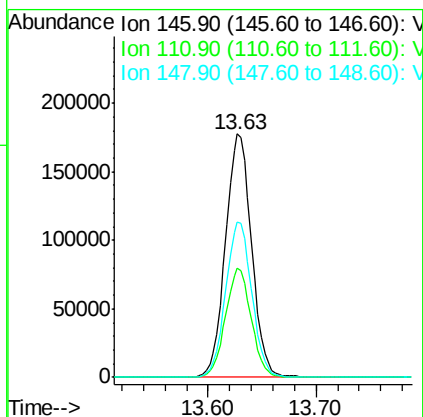
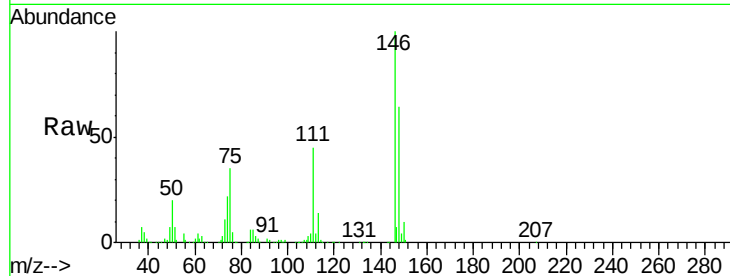
#91
 1,2-Dichlorobenzene
 Concen: 53.680 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.1	22.2	66.6
148	64.0	32.5	97.4

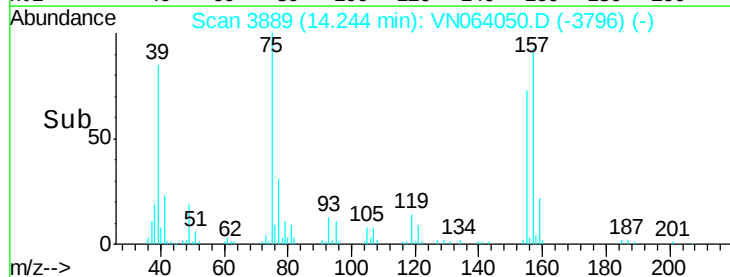
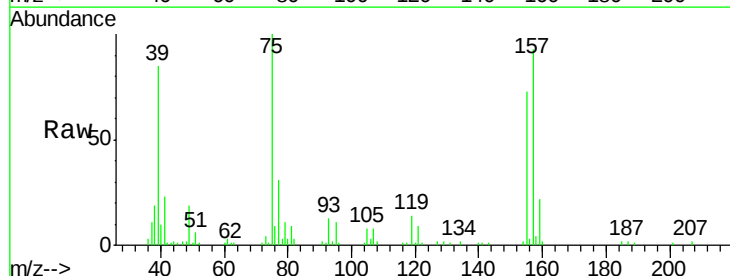
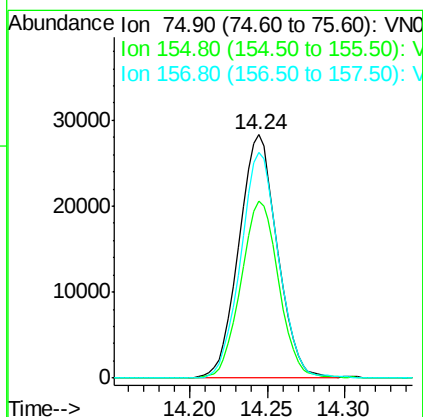
Manual Integrations
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.772 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.3	34.8	104.5
157	91.4	43.7	131.1





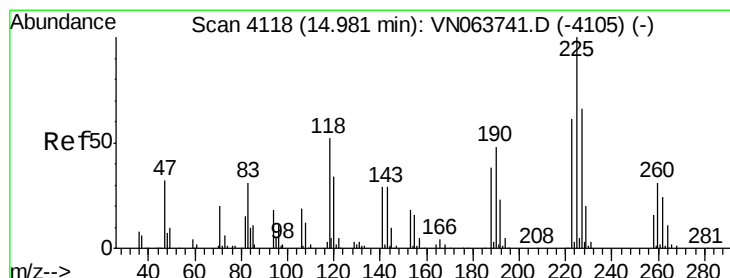
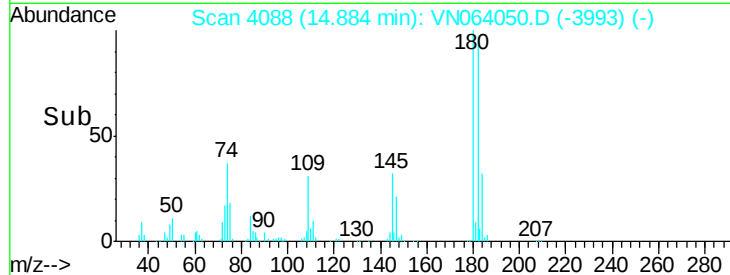
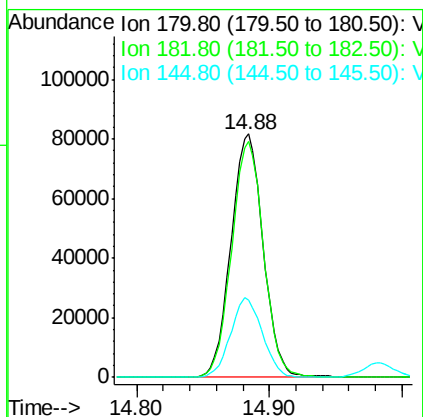
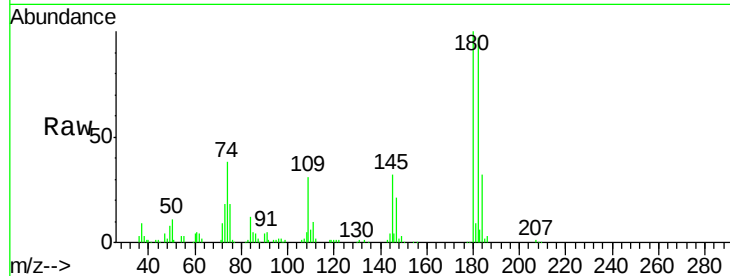
#93
 1,2,4-Trichlorobenzene
 Concen: 45.420 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	48.2	144.6
145	32.4	17.1	51.2

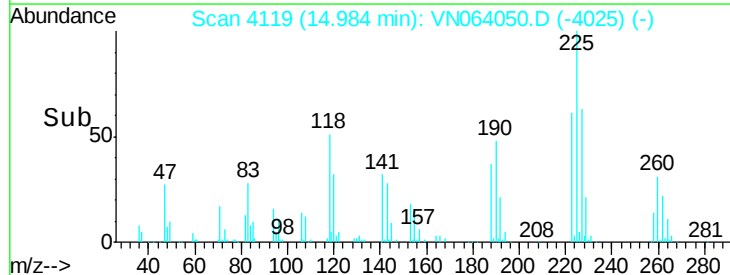
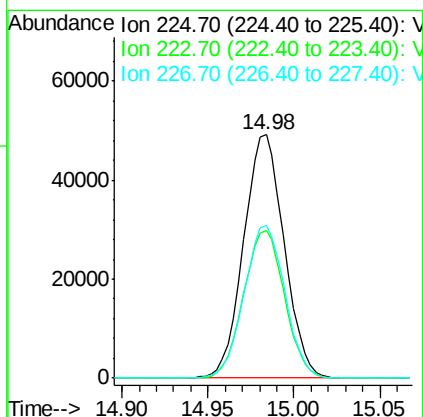
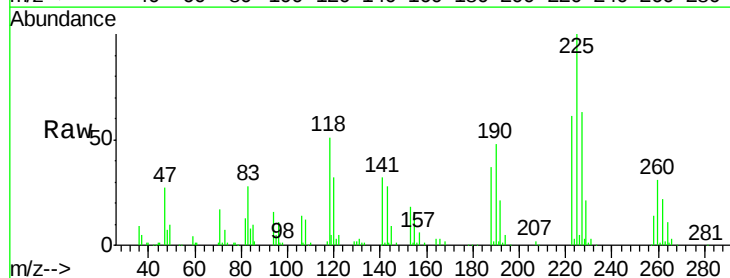
Manual Integrations
 APPROVED

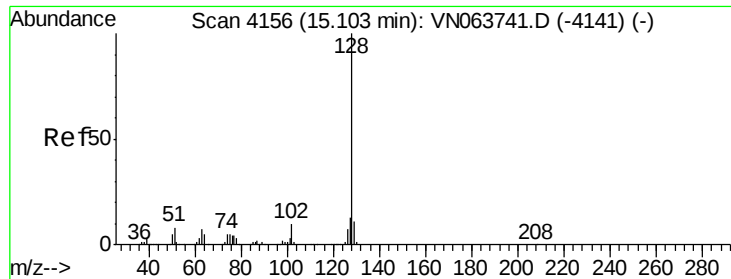
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#94
 Hexachlorobutadiene
 Concen: 53.126 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064050.D
 Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	30.3	91.0
227	63.0	31.9	95.5





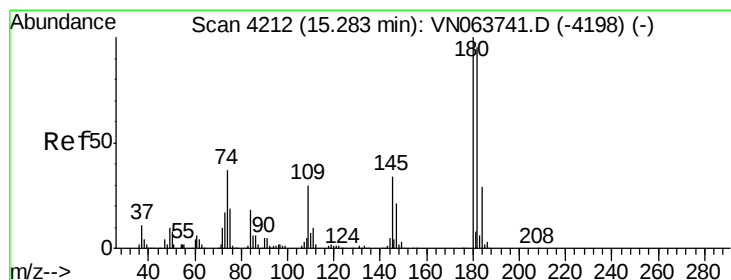
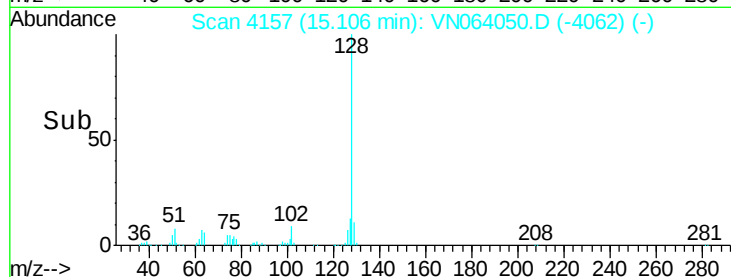
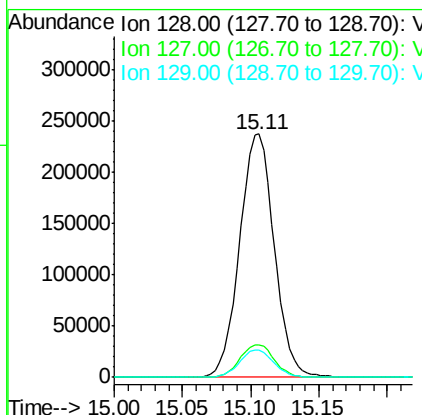
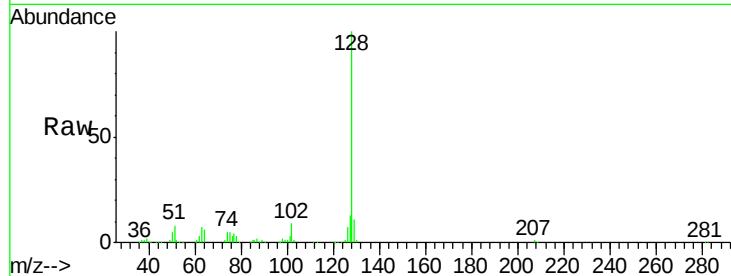
#95
Naphthalene
Concen: 44.789 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	11.2	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 48.796 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064050.D
Acq: 9 Oct 2020 20:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.6
145	33.1	17.2	51.5

