

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101320\
 Data File : VN064097.D
 Acq On : 13 Oct 2020 12:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/14/2020 2:09:09 PM

Quant Time: Oct 14 03:52:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	268978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	428152	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	407787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	200451	45.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.22%	
35) Dibromofluoromethane	7.55	113	143860	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.06	98	546389	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
62) 4-Bromofluorobenzene	12.38	95	207240	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	113470	39.980	ug/l	97
3) Chloromethane	2.04	50	144730	43.460	ug/l	99
4) Vinyl Chloride	2.16	62	143783	43.012	ug/l	99
5) Bromomethane	2.52	94	90233	42.914	ug/l	92
6) Chloroethane	2.67	64	95713	47.916	ug/l	98
7) Trichlorofluoromethane	2.98	101	235045	44.334	ug/l	99
8) Diethyl Ether	3.37	74	90386	50.410	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	130855	46.178	ug/l	97
10) Methyl Iodide	3.91	142	160113	48.663	ug/l	99
11) Tert butyl alcohol	4.72	59	143126	291.737	ug/l	99
12) 1,1-Dichloroethene	3.69	96	122132	45.091	ug/l	99
13) Acrolein	3.56	56	74492	247.397	ug/l	99
14) Allyl chloride	4.28	41	261004	51.869	ug/l	90
15) Acrylonitrile	4.92	53	403184	287.105	ug/l	98
16) Acetone	3.77	43	380508	278.166	ug/l	100
17) Carbon Disulfide	4.01	76	317689	43.488	ug/l	99
18) Methyl Acetate	4.27	43	214656	60.438	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	500065	50.817	ug/l	99
20) Methylene Chloride	4.50	84	153163	48.886	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	137334	45.267	ug/l	95
22) Diisopropyl ether	5.90	45	565821	54.653	ug/l	97
23) Vinyl Acetate	5.84	43	2323449	270.925	ug/l	98
24) 1,1-Dichloroethane	5.79	63	295690	49.951	ug/l	100
25) 2-Butanone	6.78	43	583525	300.884	ug/l	100
26) 2,2-Dichloropropane	6.77	77	258330	47.654	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	167352	47.963	ug/l	98
28) Bromochloromethane	7.15	49	151208	51.682	ug/l	95
29) Tetrahydrofuran	7.16	42	384885	295.901	ug/l	96
30) Chloroform	7.33	83	303840	49.227	ug/l	96
31) Cyclohexane	7.61	56	234342	45.425	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	264942	47.590	ug/l	99
36) 1,1-Dichloropropene	7.75	75	210508	48.531	ug/l	99
37) Ethyl Acetate	6.88	43	240884	55.897	ug/l	98
38) Carbon Tetrachloride	7.73	117	228821	47.044	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	202861	46.898	ug/l	98
40) Benzene	8.00	78	635309	51.279	ug/l	100
41) Methacrylonitrile	7.12	41	110697	57.796	ug/l #	70
42) 1,2-Dichloroethane	8.08	62	255834	48.375	ug/l	100
43) Isopropyl Acetate	8.12	43	396627	55.798	ug/l	99
44) Trichloroethene	8.80	130	159667	49.186	ug/l	97
45) 1,2-Dichloropropane	9.08	63	178452	53.334	ug/l	97
46) Dibromomethane	9.17	93	116039	50.272	ug/l	99
47) Bromodichloromethane	9.37	83	244987	51.499	ug/l	100
48) Methyl methacrylate	9.16	41	203764	58.021	ug/l	89
49) 1,4-Dioxane	9.16	88	60171	1205.534	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	1244699	298.385	ug/l	99
52) Toluene	10.12	92	392490	51.217	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	268806	52.714	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	279573	52.424	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	160924	52.364	ug/l	99
56) Ethyl methacrylate	10.40	69	244869	56.212	ug/l	94
57) 1,3-Dichloropropane	10.68	76	274916	52.875	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	661098	283.715	ug/l	98
59) 2-Hexanone	10.72	43	912050	294.322	ug/l	99
60) Dibromochloromethane	10.87	129	184322	51.501	ug/l	99
61) 1,2-Dibromoethane	10.98	107	165053	52.504	ug/l	99
64) Tetrachloroethene	10.60	164	144763	45.885	ug/l	99
65) Chlorobenzene	11.41	112	417439	49.903	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	164738	51.370	ug/l	99
67) Ethyl Benzene	11.48	91	771878	50.711	ug/l	100
68) m/p-Xylenes	11.60	106	575279	101.408	ug/l	100
69) o-Xylene	11.92	106	271862	51.273	ug/l	100
70) Styrene	11.94	104	475262	52.804	ug/l	98
71) Bromoform	12.10	173	125475	51.159	ug/l #	97
73) Isopropylbenzene	12.22	105	737158	52.595	ug/l	99
74) N-amyl acetate	12.05	43	354321	54.197	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	236563	55.196	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	215612m	50.901	ug/l	
77) Bromobenzene	12.50	156	179627	52.231	ug/l	99
78) n-propylbenzene	12.57	91	852149	52.242	ug/l	100
79) 2-Chlorotoluene	12.65	91	520517	51.887	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	620027	52.730	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	83368	56.686	ug/l	95
82) 4-Chlorotoluene	12.75	91	552181	53.022	ug/l	99
83) tert-Butylbenzene	12.97	119	495632	51.531	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	619554	52.774	ug/l	97
85) sec-Butylbenzene	13.15	105	659210	52.182	ug/l	100
86) p-Isopropyltoluene	13.26	119	587706	52.588	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	319171	51.299	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	317062	48.943	ug/l	99
89) n-Butylbenzene	13.59	91	486231	47.139	ug/l	99
90) Hexachloroethane	13.85	117	111272	51.381	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	317742	51.560	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	50599	50.341	ug/l	97

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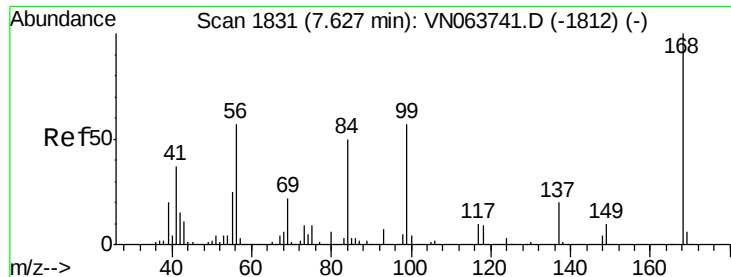
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	141342	42.451	ug/l	99
94) Hexachlorobutadiene	14.98	225	86817	51.956	ug/l	99
95) Naphthalene	15.10	128	414044	40.321	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	143215	44.251	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 268978

Ion Ratio Lower Upper

168 100

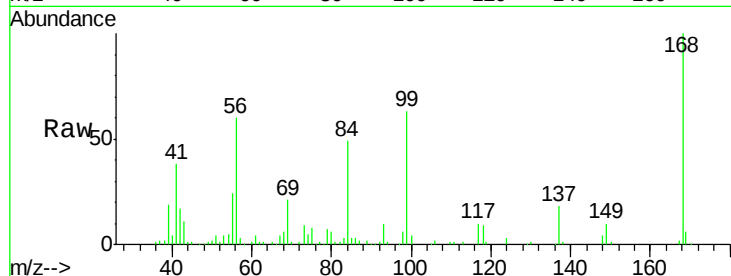
99 62.5 51.8 77.6

Manual Integrations

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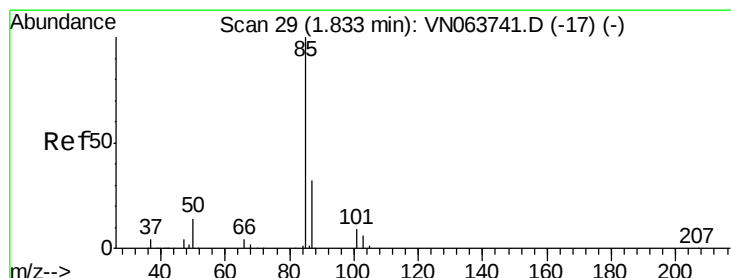
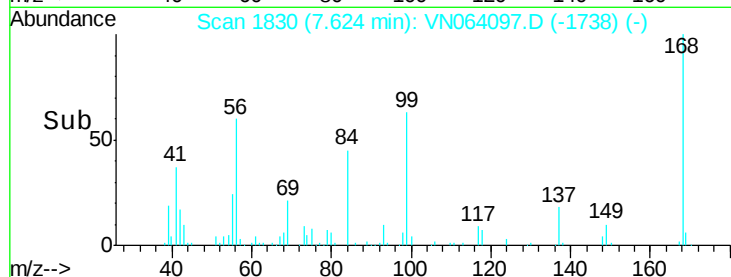
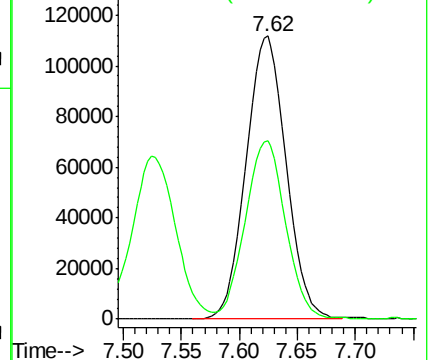
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 39.980 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064097.D

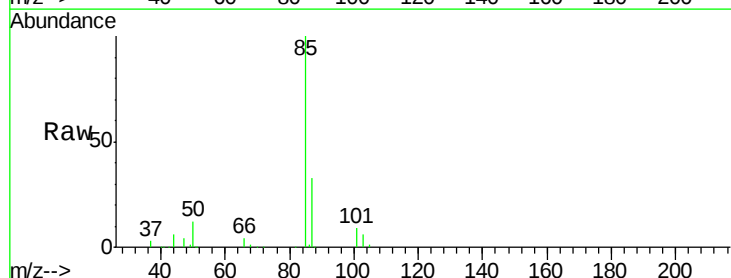
Acq: 13 Oct 2020 12:41

Tgt Ion: 85 Resp: 113470

Ion Ratio Lower Upper

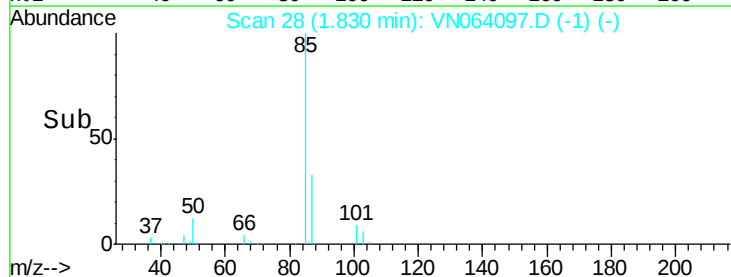
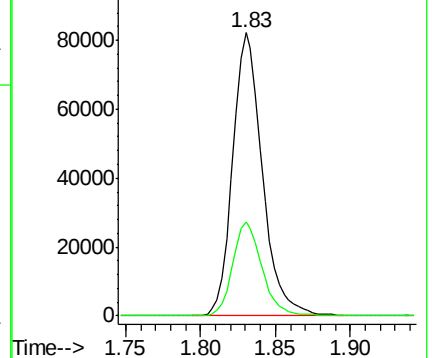
85 100

87 33.4 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: 43.460 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 144730

Ion Ratio Lower Upper

50 100

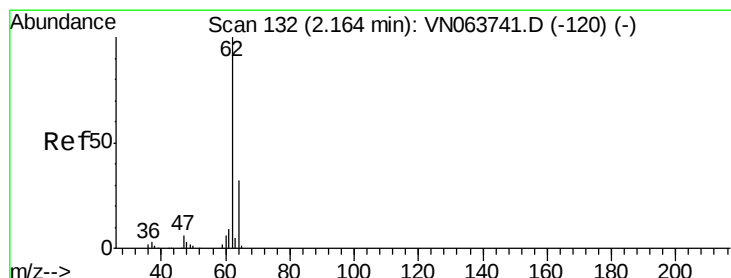
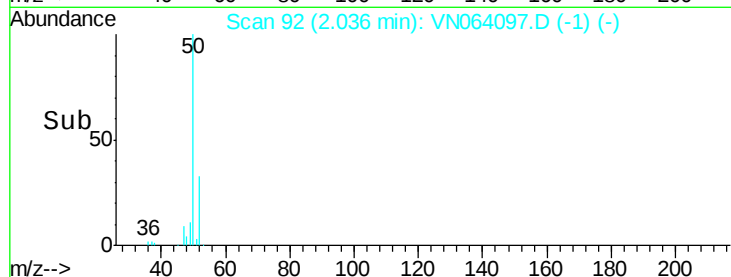
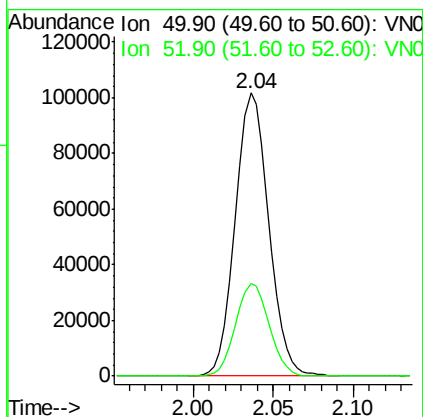
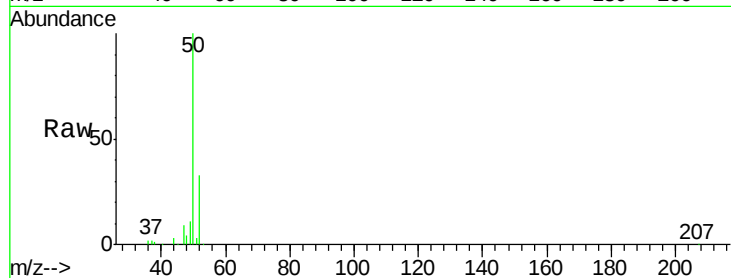
52 32.6 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 43.012 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN064097.D

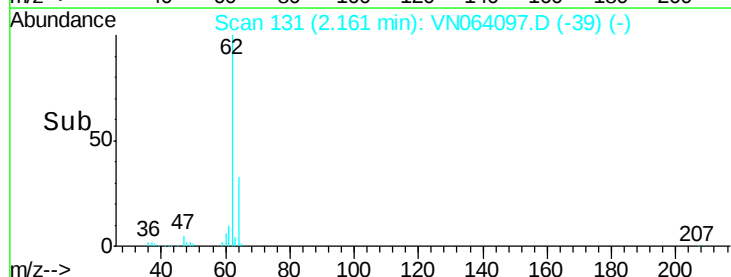
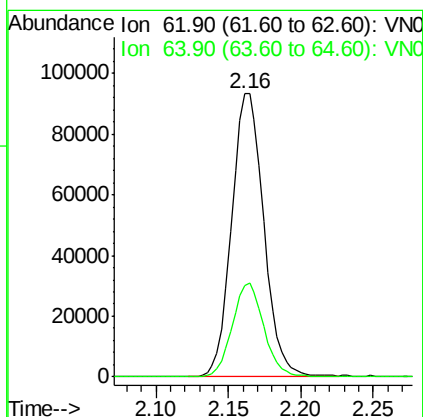
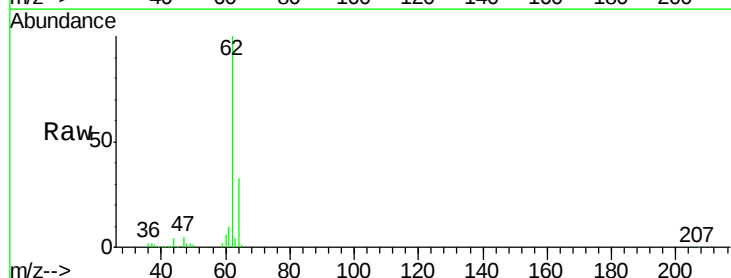
Acq: 13 Oct 2020 12:41

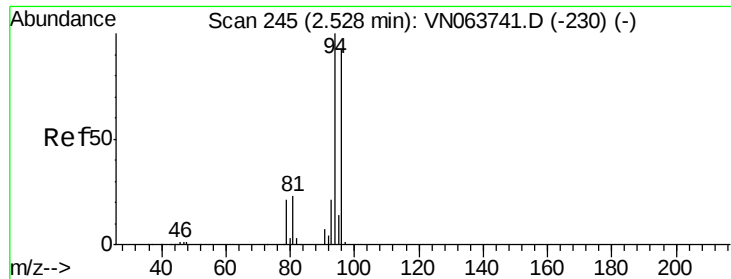
Tgt Ion: 62 Resp: 143783

Ion Ratio Lower Upper

62 100

64 32.5 25.6 38.4





#5

Bromomethane

Concen: 42.914 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 90233

Ion Ratio Lower Upper

94 100

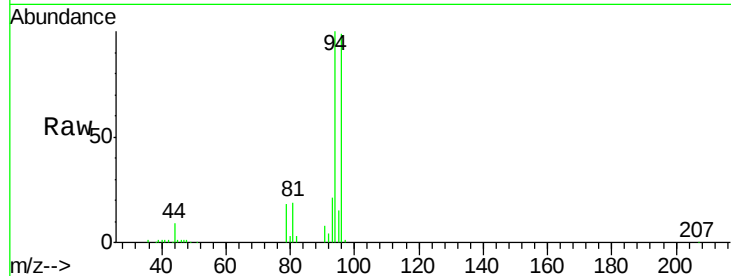
96 98.8 73.3 109.9

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

40000

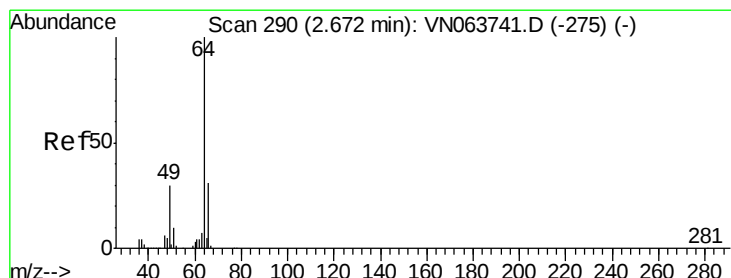
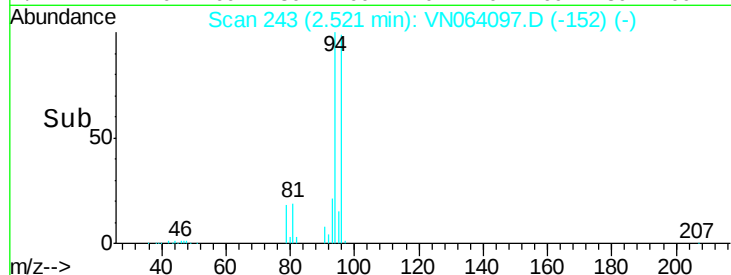
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 47.916 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.01 min

Lab File: VN064097.D

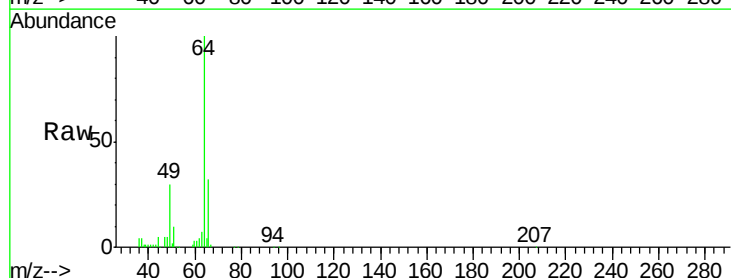
Acq: 13 Oct 2020 12:41

Tgt Ion: 64 Resp: 95713

Ion Ratio Lower Upper

64 100

66 32.2 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

40000

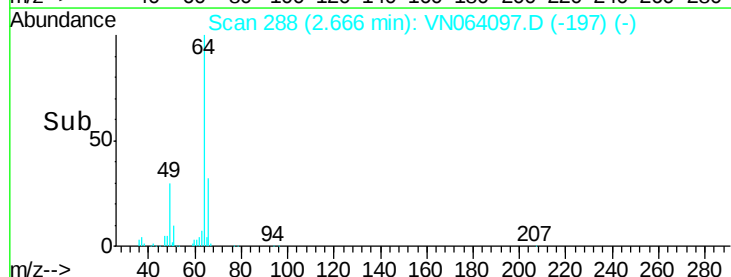
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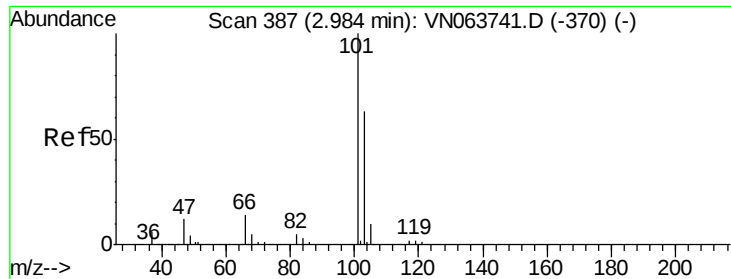
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10000

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Time-->





#7

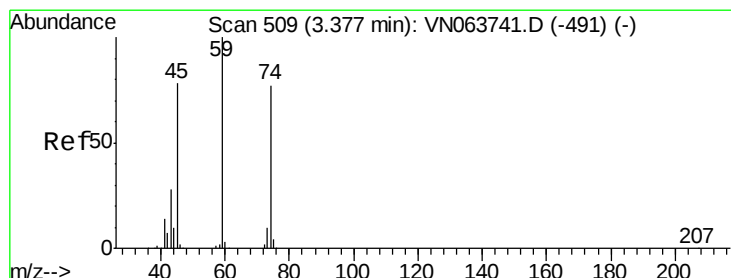
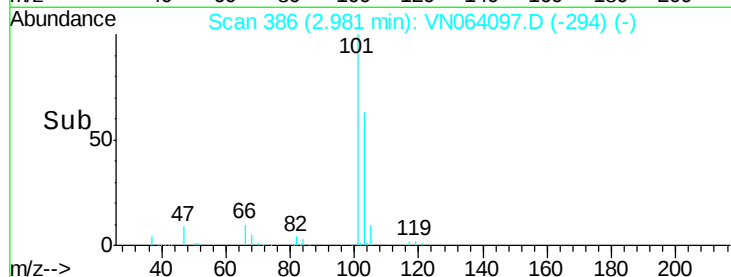
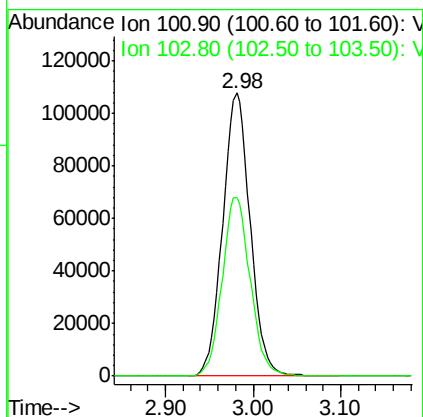
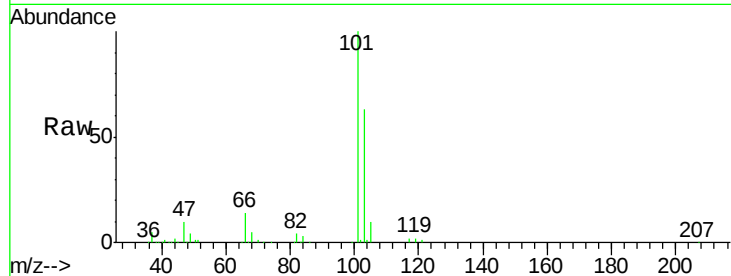
Trichlorofluoromethane
Concen: 44.334 ug/l
RT: 2.98 min Scan# 386
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	50.7	76.1

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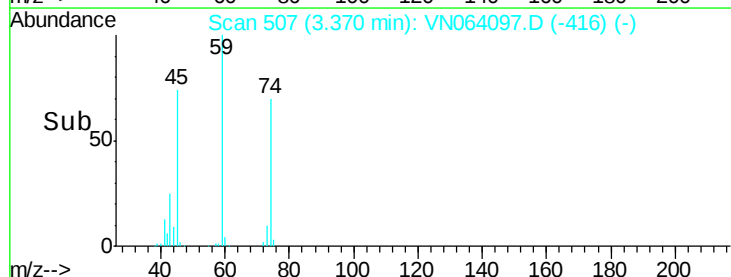
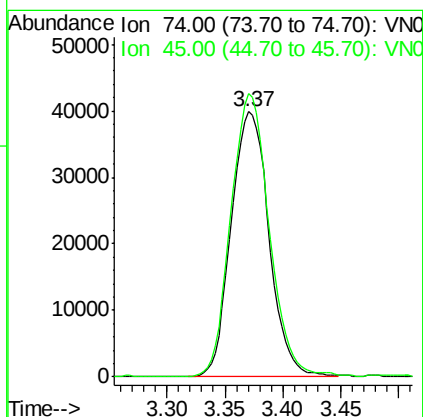
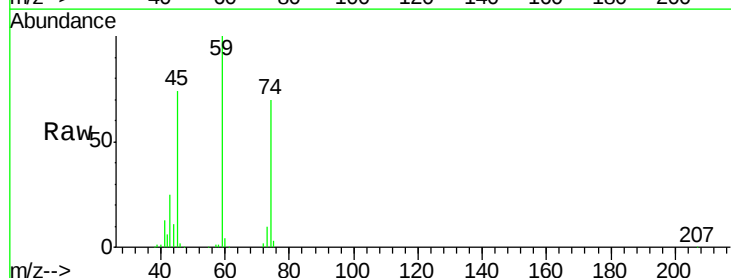
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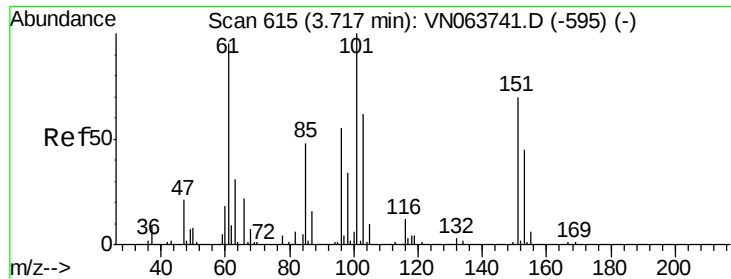


#8

Diethyl Ether
Concen: 50.410 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.01 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.7	50.9	152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.178 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

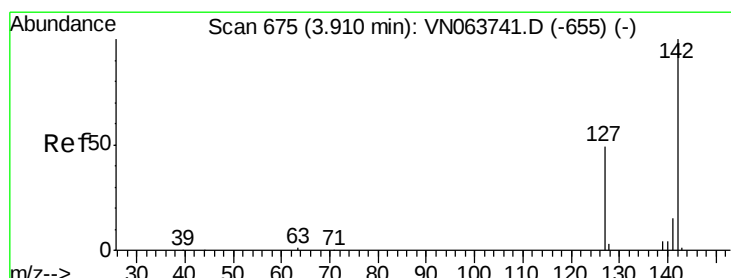
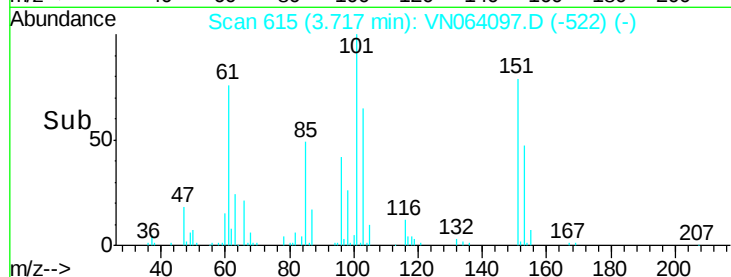
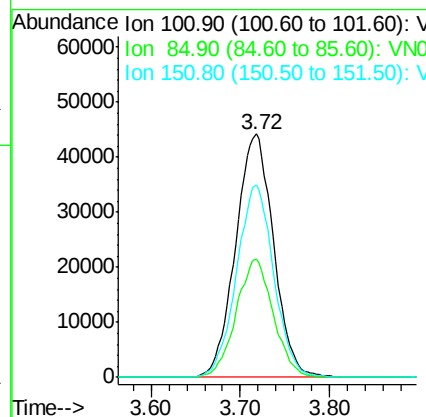
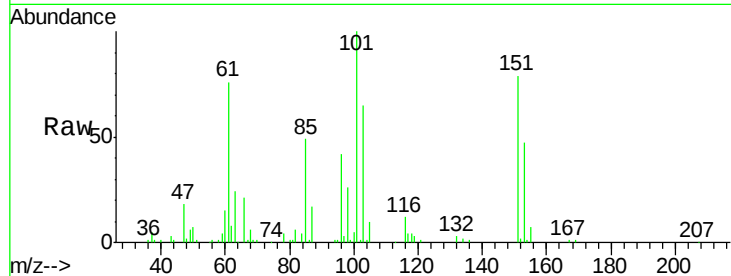
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	130855
Ion Ratio	Lower	Upper	
101	100		
85	47.4	38.6	58.0
151	77.5	58.7	88.1

Manual Integrations
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#10

Methyl Iodide

Concen: 48.663 ug/l

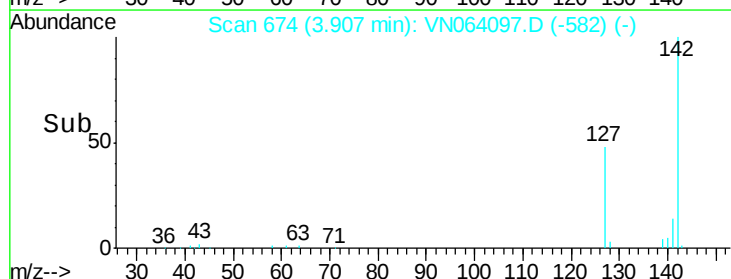
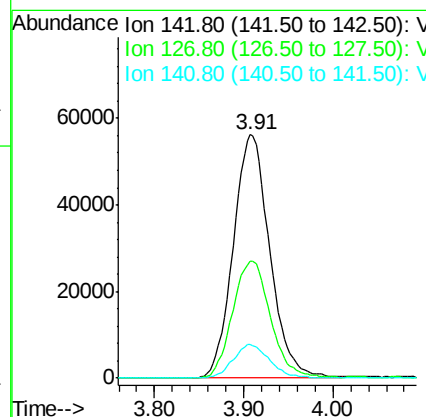
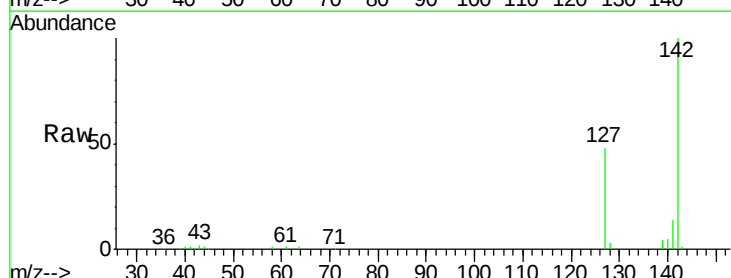
RT: 3.91 min Scan# 674

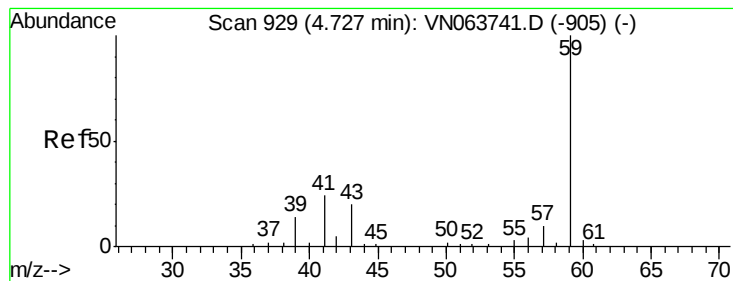
Delta R.T. -0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Tgt Ion:	142	Resp:	160113
Ion Ratio	Lower	Upper	
142	100		
127	49.9	40.5	60.7
141	13.8	11.7	17.5





#11

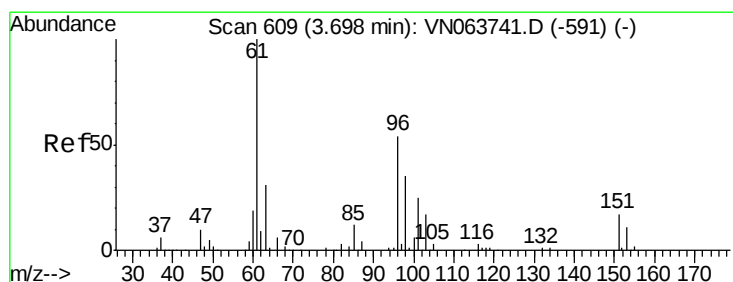
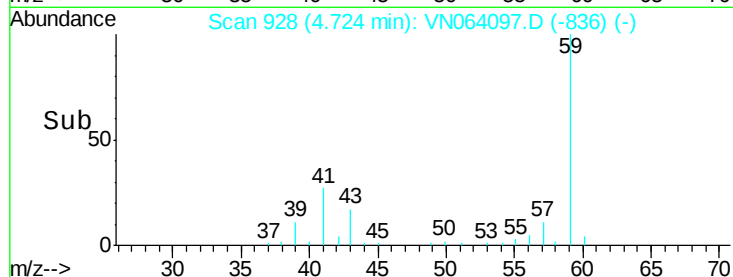
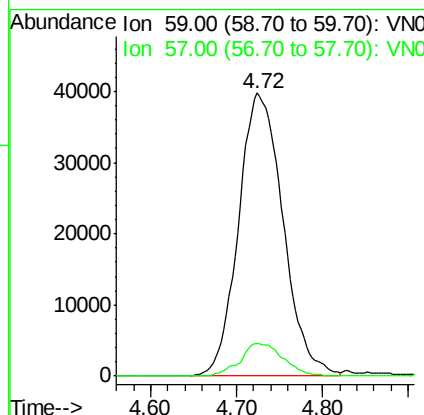
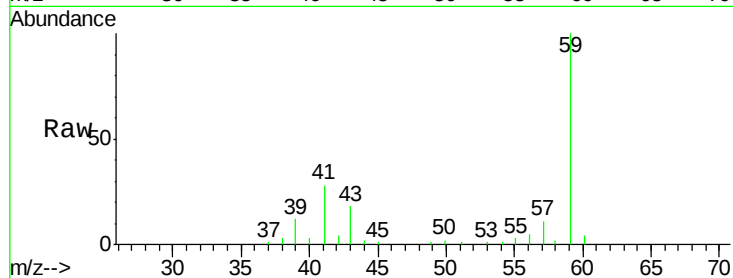
Tert butyl alcohol
Concen: 291.737 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	11.2	Resp	143126	Lower	8.7	Upper	13.1
Ion	59	57	Ratio	100	11.2	Resp	143126	Lower	8.7	Upper	13.1

Manual Integrations
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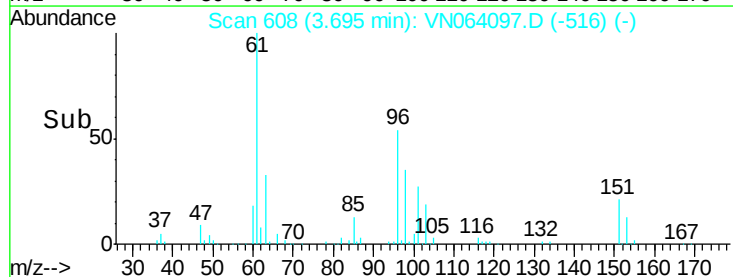
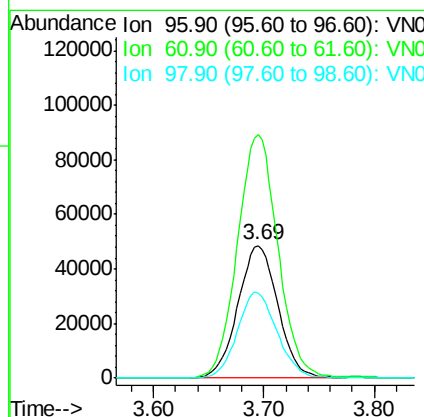
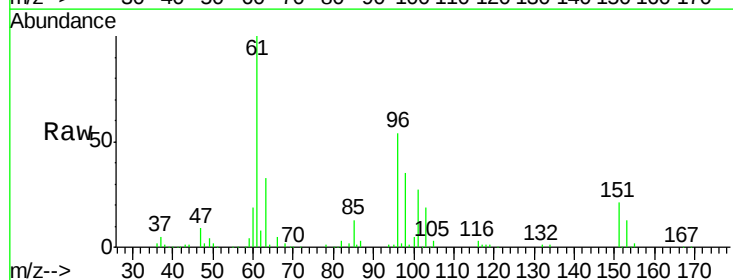
MMDadoda
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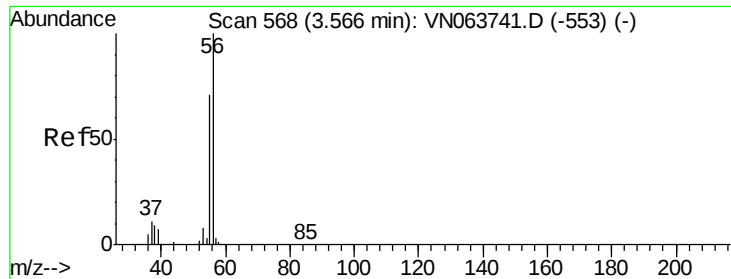


#12

1,1-Dichloroethene
Concen: 45.091 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	96	61	98	Ratio	100	183.5	64.2	Resp	122132	Lower	147.7	Upper	221.5	77.9
Ion	96	61	98	Ratio	100	183.5	64.2	Resp	122132	Lower	147.7	Upper	221.5	77.9





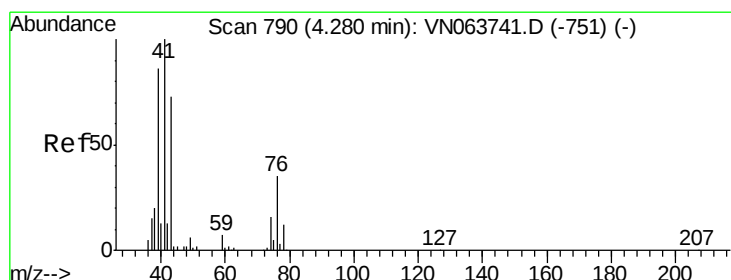
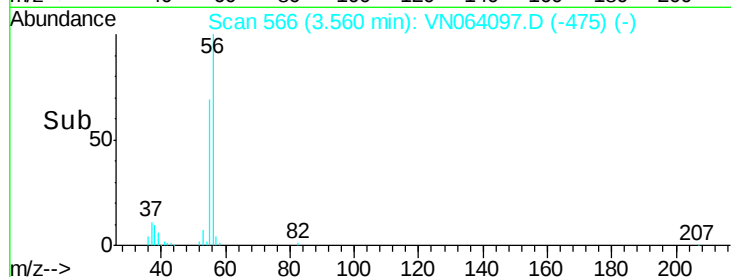
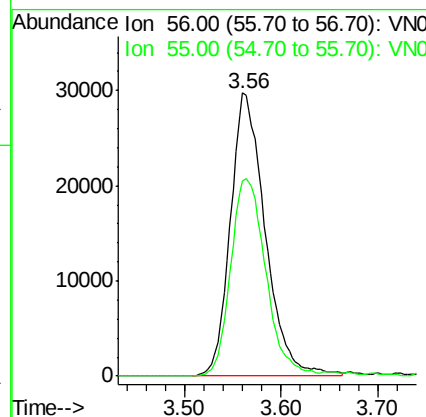
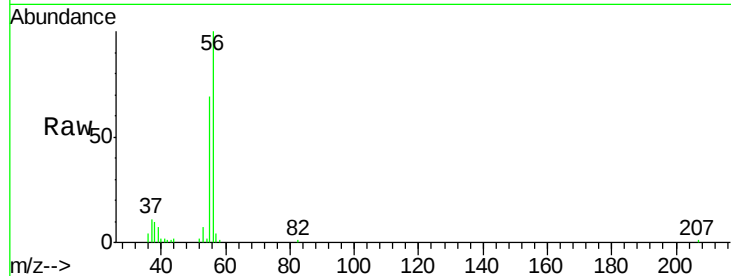
#13
Acrolein
Concen: 247.397 ug/l
RT: 3.56 min Scan# 566
Delta R.T. -0.01 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.0	56.9	85.3

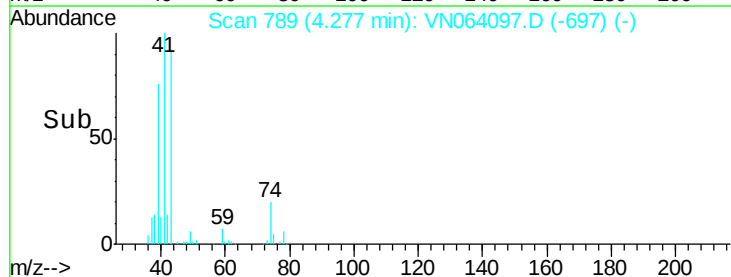
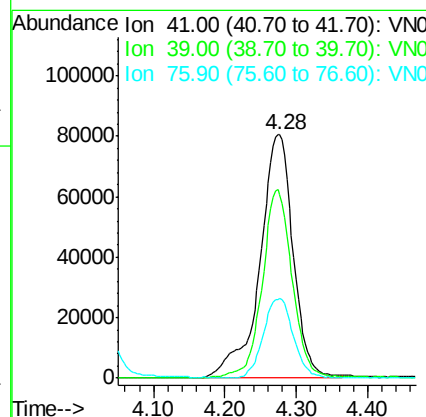
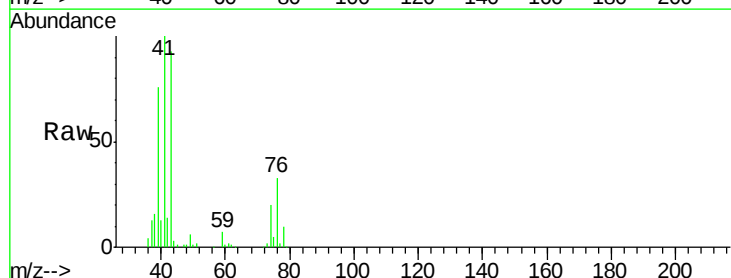
Manual Integrations
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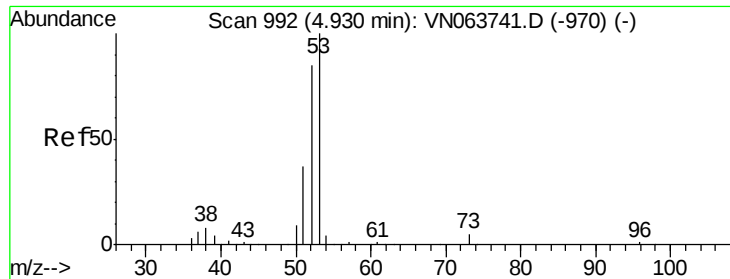
MMDadoda
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#14
Allyl chloride
Concen: 51.869 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	69.4	64.5	96.7
76	76	29.6	25.9	38.9





#15

Acrylonitrile

Concen: 287.105 ug/l

RT: 4.92 min Scan# 990

Delta R.T. -0.01 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

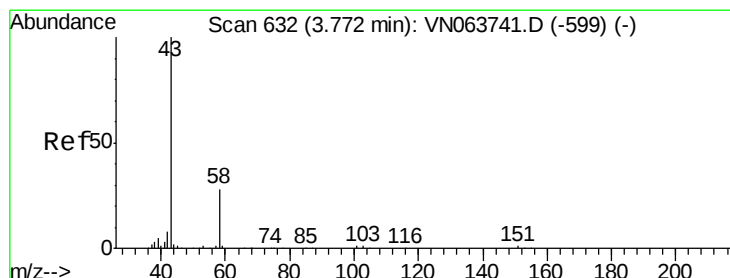
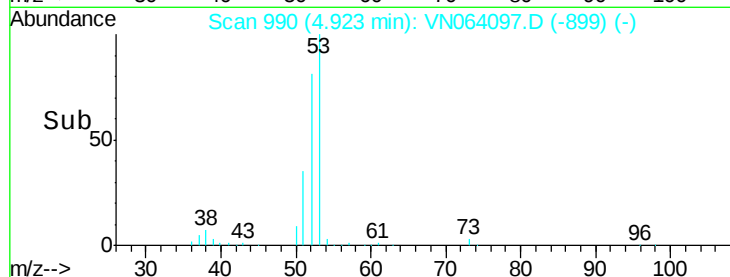
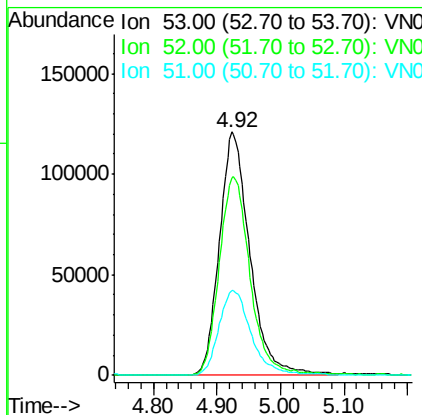
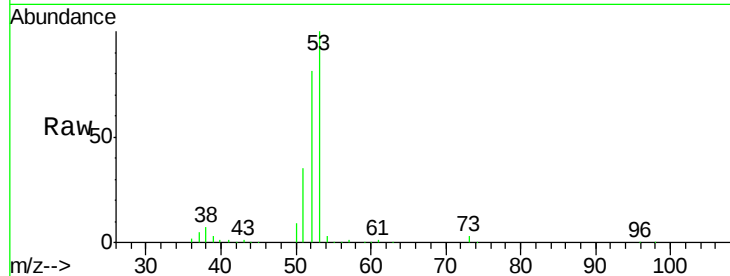
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	403184
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.5	99.7
51	36.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 278.166 ug/l

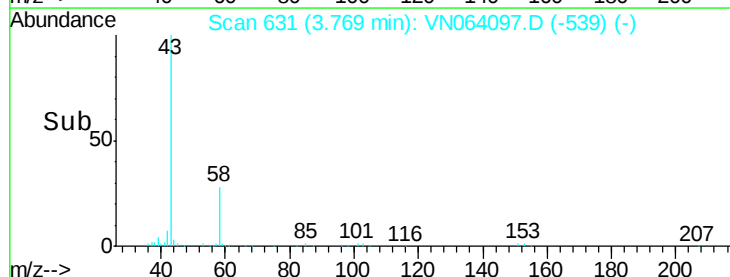
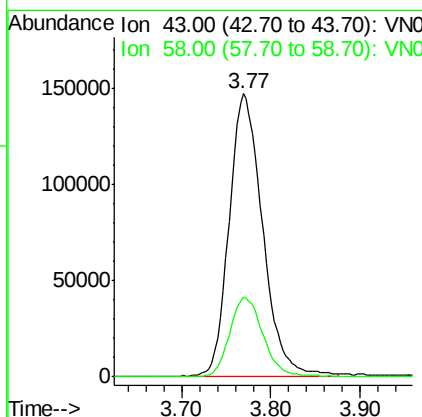
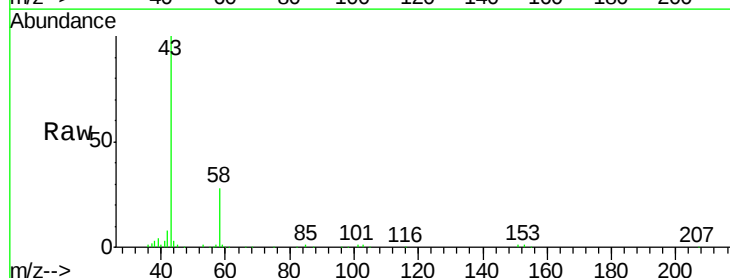
RT: 3.77 min Scan# 631

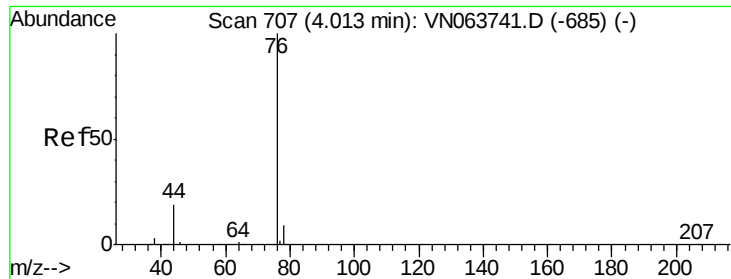
Delta R.T. -0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Tgt Ion:	43	Resp:	380508
Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.3	33.5





#17

Carbon Disulfide

Concen: 43.488 ug/l

RT: 4.01 min Scan# 705

Delta R.T. -0.01 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 76 Resp: 317689

Ion Ratio Lower Upper

76 100

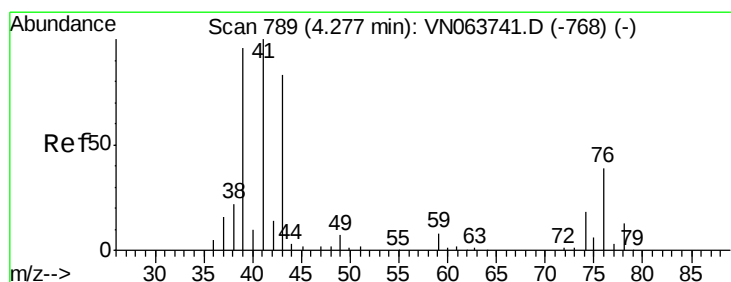
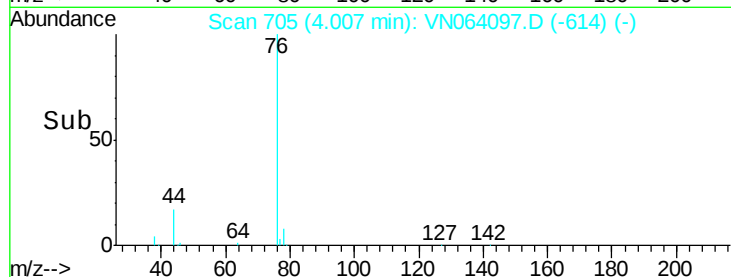
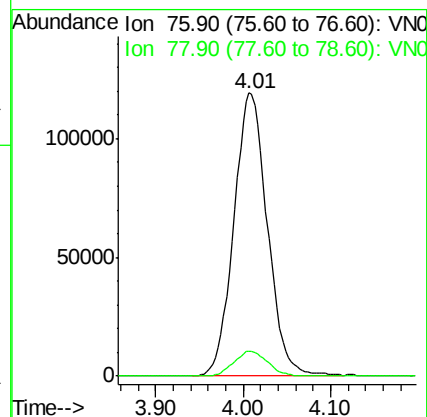
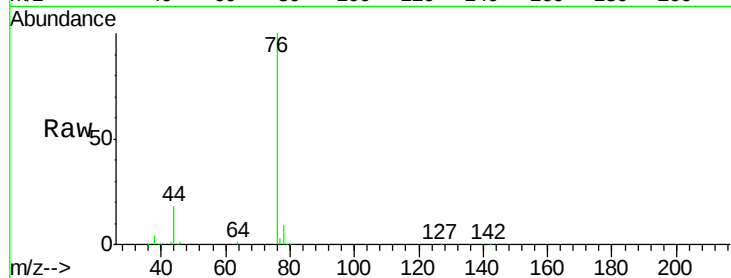
78 8.9 7.0 10.4

Manual Integrations

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#18

Methyl Acetate

Concen: 60.438 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064097.D

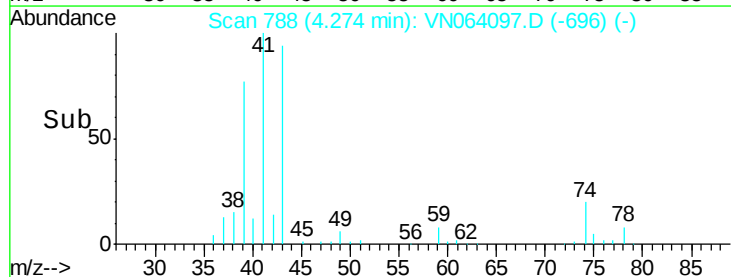
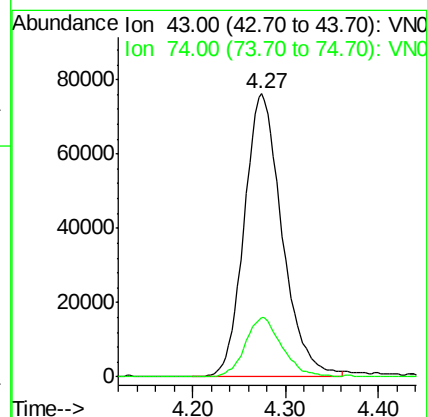
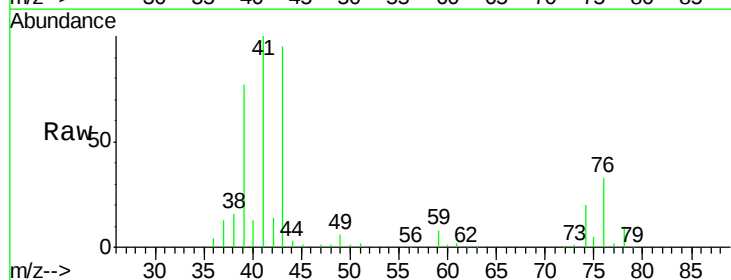
Acq: 13 Oct 2020 12:41

Tgt Ion: 43 Resp: 214656

Ion Ratio Lower Upper

43 100

74 20.5 17.4 26.2





#19

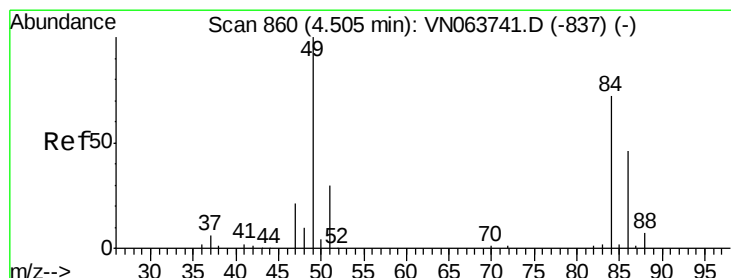
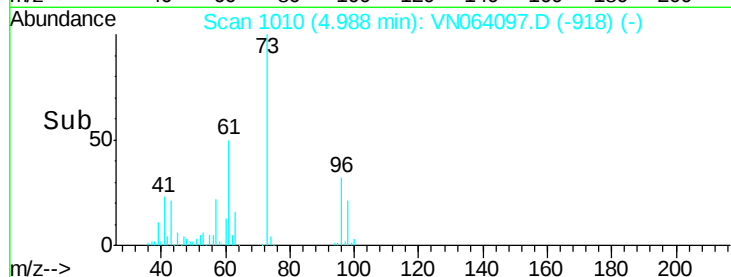
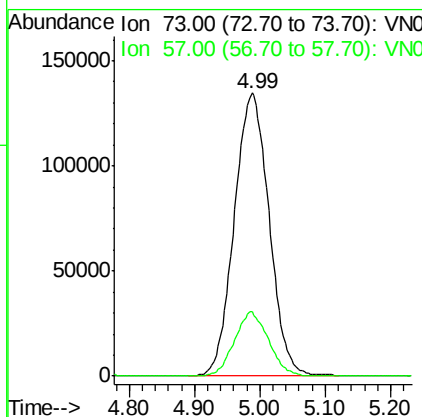
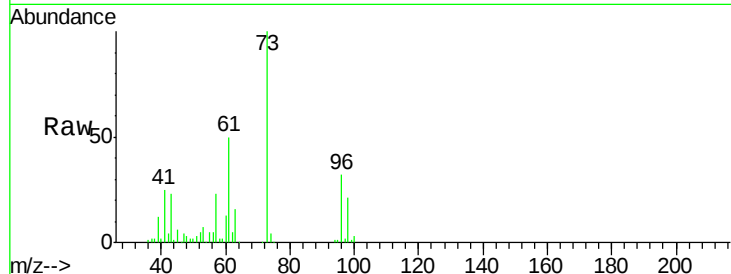
Methyl tert-butyl Ether
 Concen: 50.817 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.6	26.4

Manual Integrations
 APPROVED

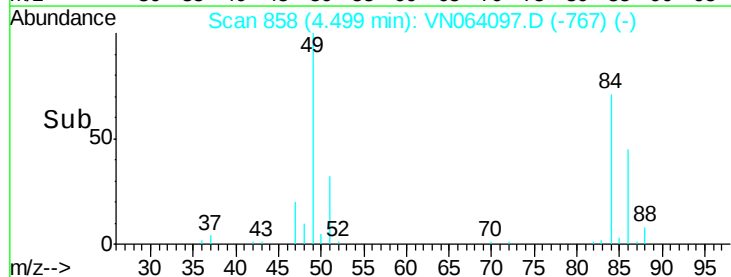
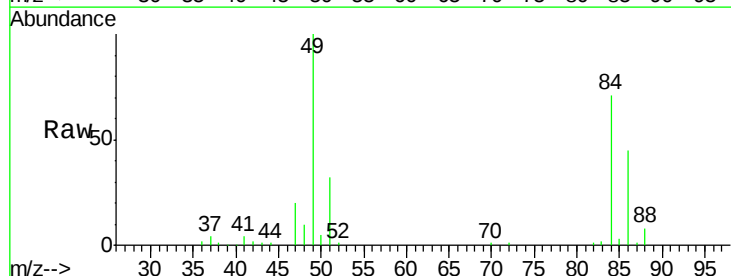
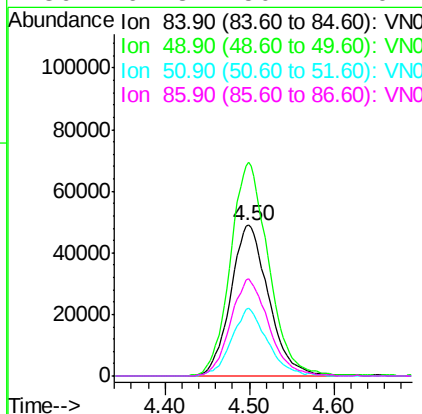
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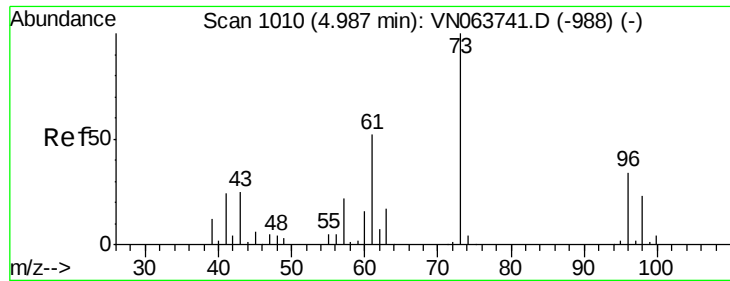


#20

Methylene Chloride
 Concen: 48.886 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	141.6	110.4	165.6
51	44.7	33.3	49.9
86	64.3	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 45.267 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 137334

Ion Ratio Lower Upper

96 100

61 158.7 120.2 180.2

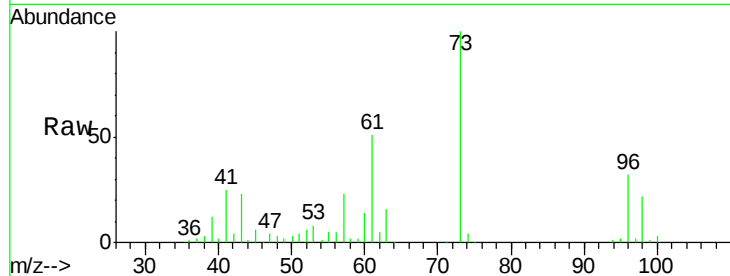
98 67.4 52.6 79.0

Manual Integrations

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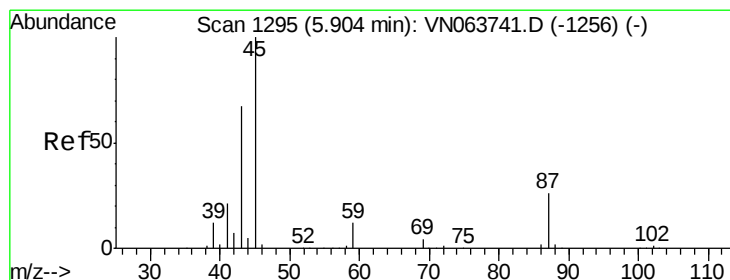
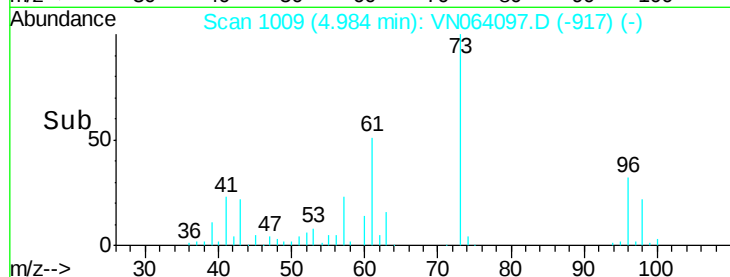
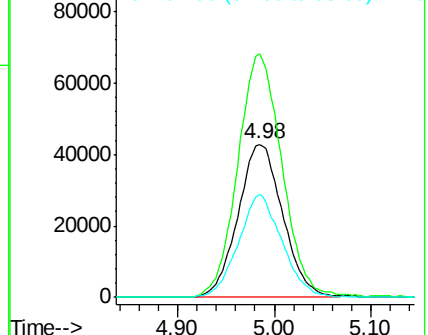
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Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-988) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-988) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-988) (-)



#22

Diisopropyl ether

Concen: 54.653 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Tgt Ion: 45 Resp: 565821

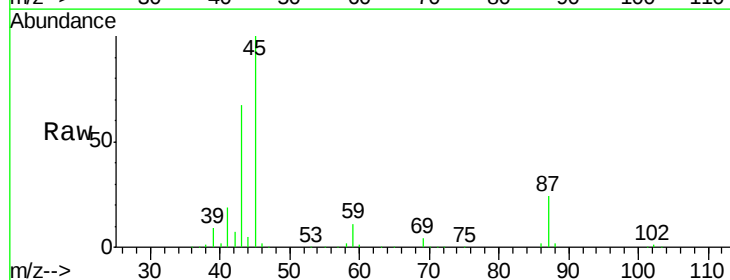
Ion Ratio Lower Upper

45 100

43 64.6 53.7 80.5

87 24.2 21.1 31.7

59 11.1 9.2 13.8

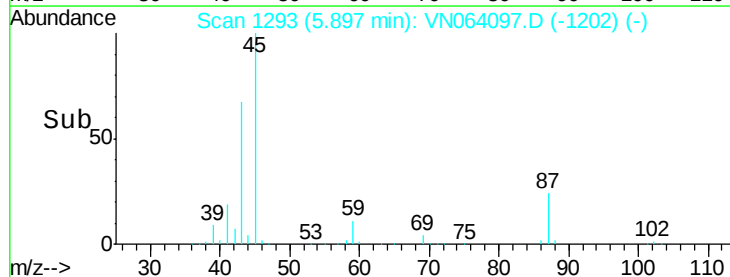
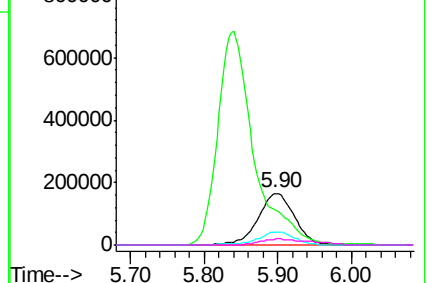


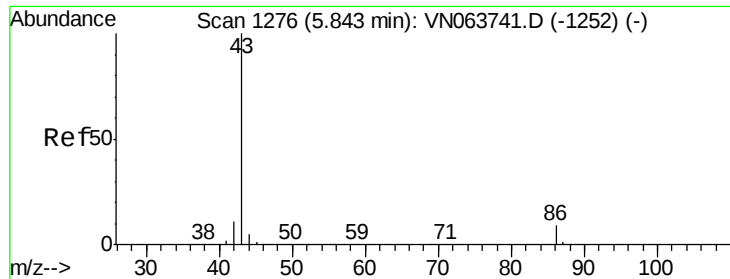
Abundance Ion 45.00 (44.70 to 45.70): VN063741.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN063741.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063741.D (-1256) (-)





#23

Vinyl Acetate

Concen: 270.925 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2323449

Ion Ratio Lower Upper

43 100

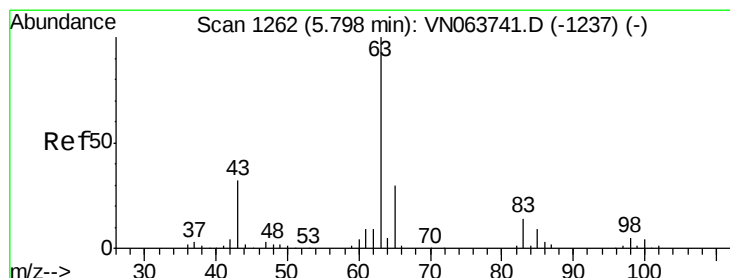
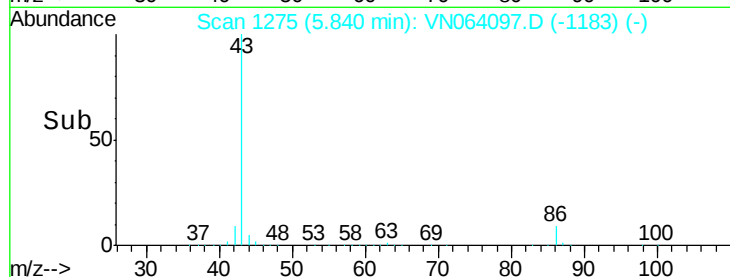
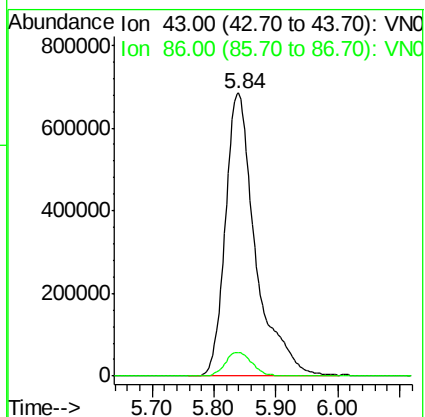
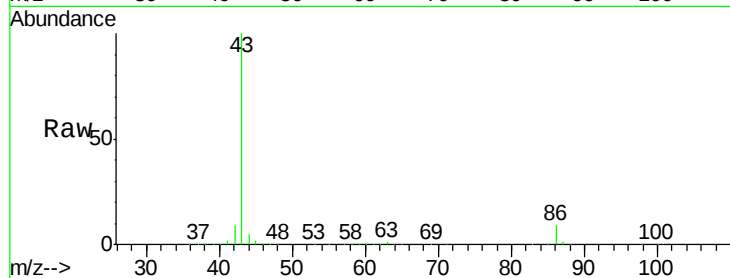
86 8.5 7.3 10.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.951 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

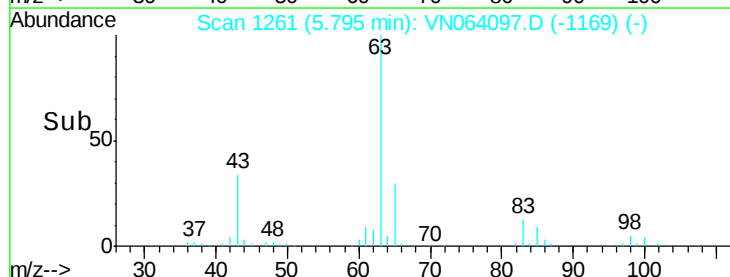
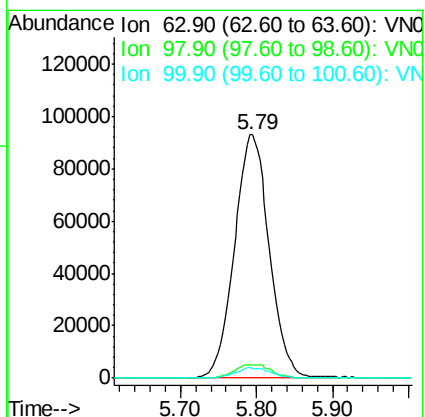
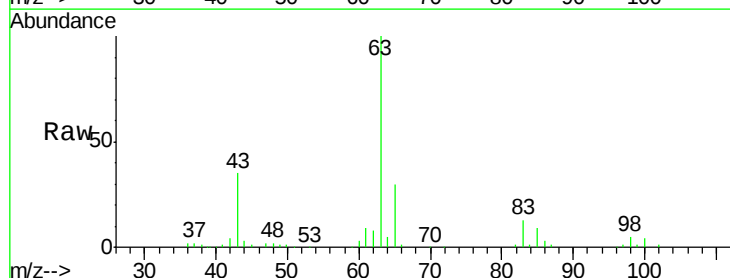
Tgt Ion: 63 Resp: 295690

Ion Ratio Lower Upper

63 100

98 5.4 2.7 8.1

100 4.1 1.9 5.7





#25

2-Butanone

Concen: 300.884 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 583525

Ion Ratio Lower Upper

43 100

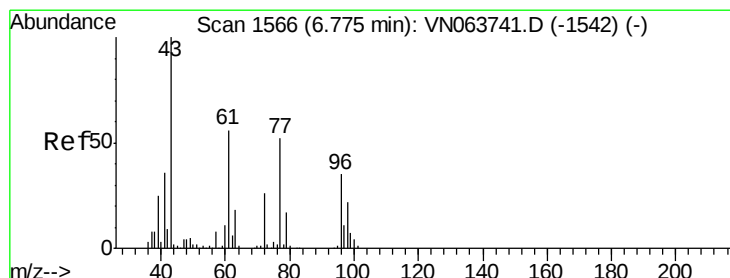
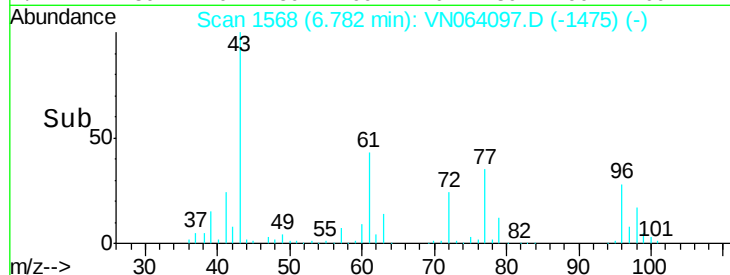
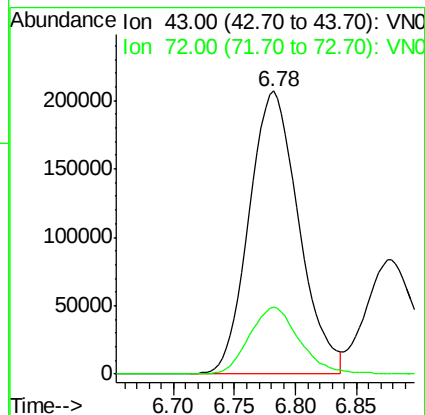
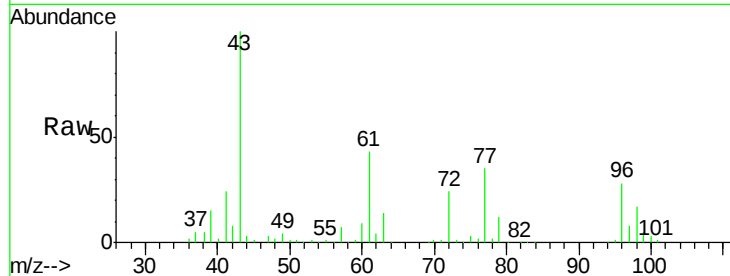
72 23.9 19.3 28.9

Manual Integrations

APPROVED

MMDadoda

10/14/2020 2:09:09 PM



#26

2,2-Dichloropropane

Concen: 47.654 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064097.D

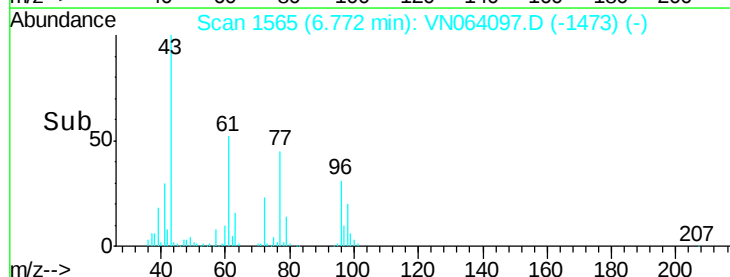
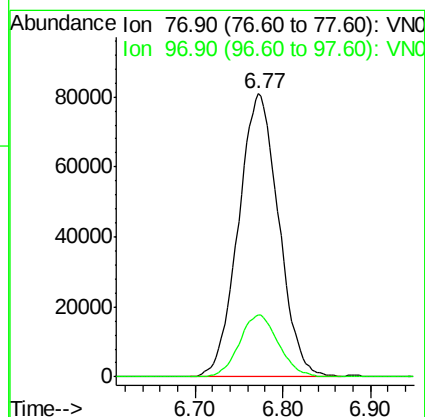
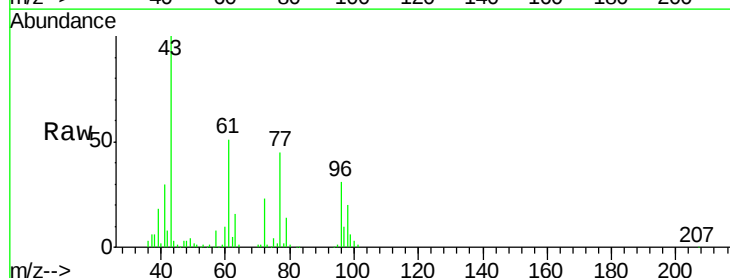
Acq: 13 Oct 2020 12:41

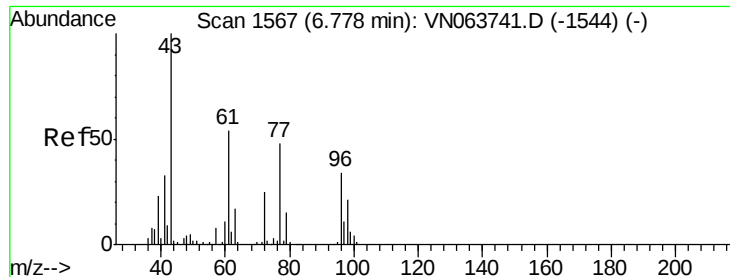
Tgt Ion: 77 Resp: 258330

Ion Ratio Lower Upper

77 100

97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 47.963 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

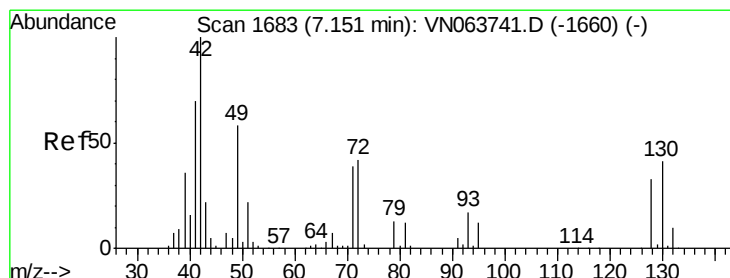
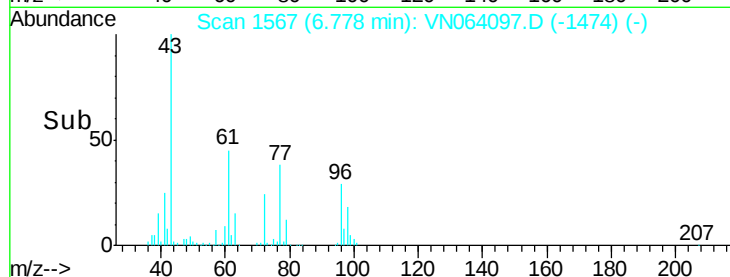
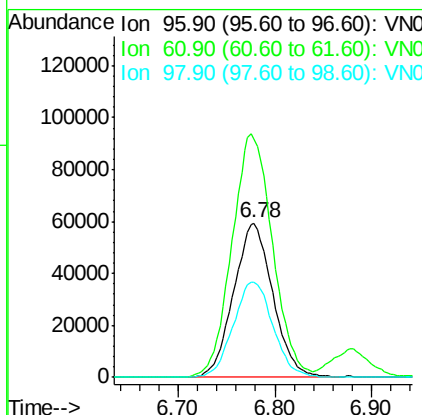
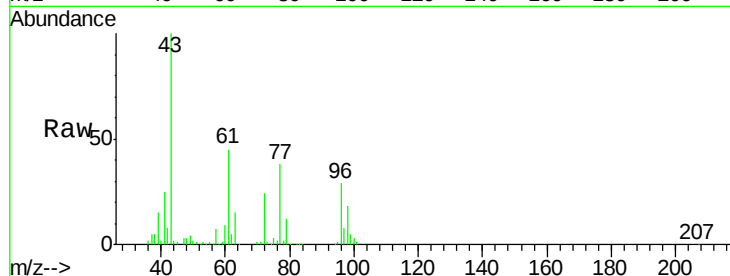
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	167352
Ion	Ratio	Lower	Upper
96	100		
61	163.5	0.0	321.2
98	62.8	0.0	124.4

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#28

Bromochloromethane

Concen: 51.682 ug/l

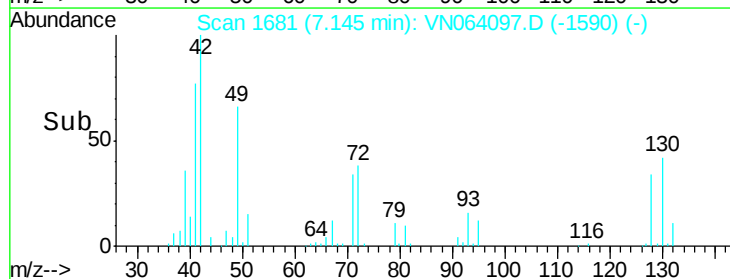
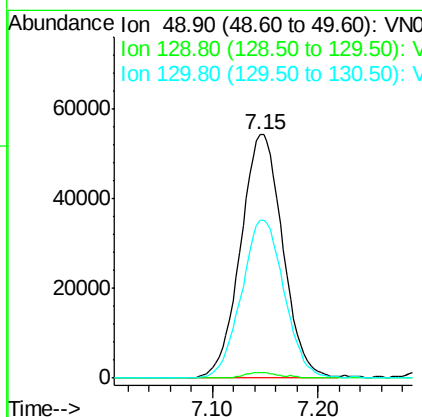
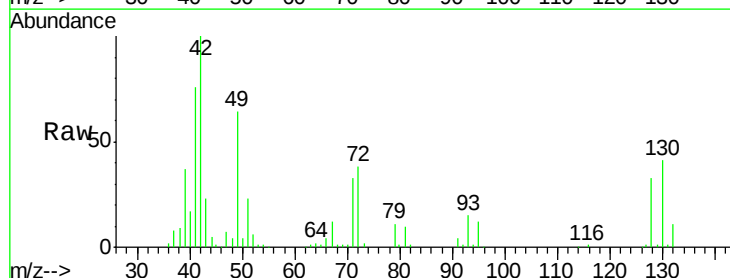
RT: 7.15 min Scan# 1681

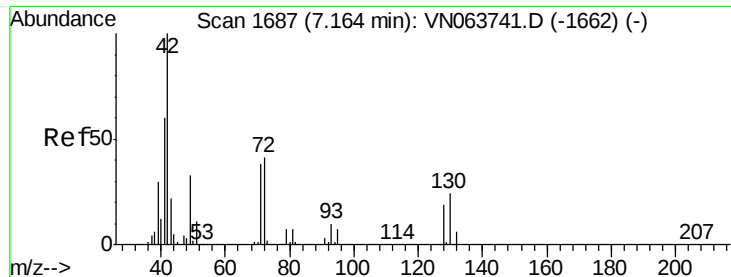
Delta R.T. -0.01 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Tgt Ion:	49	Resp:	151208
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	65.6	55.6	83.4





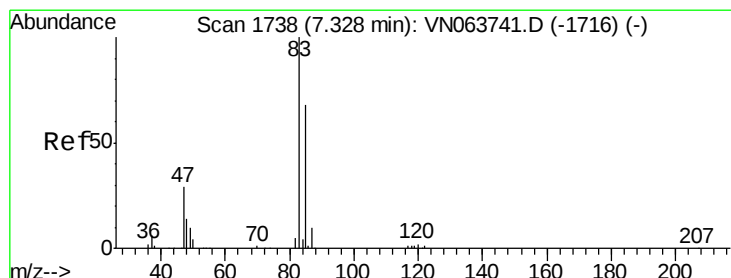
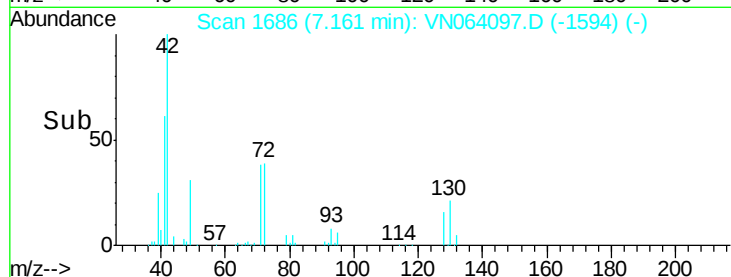
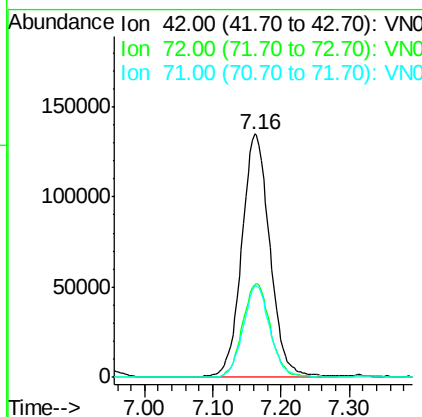
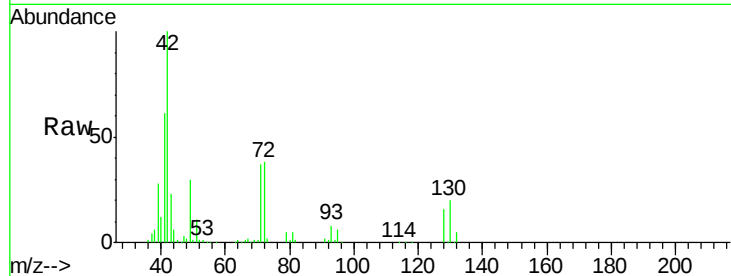
#29
Tetrahydrofuran
Concen: 295.901 ug/l
RT: 7.16 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.0	32.8	49.2
71	36.1	30.6	45.8

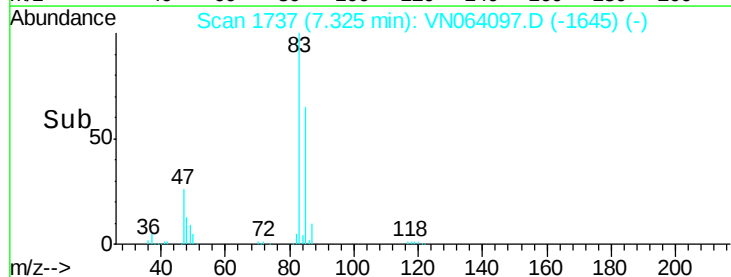
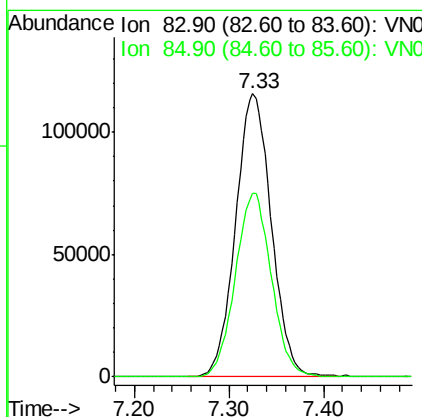
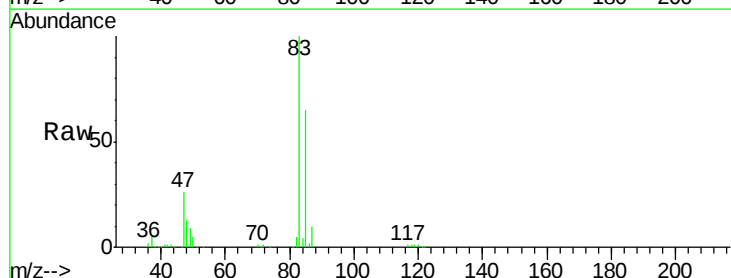
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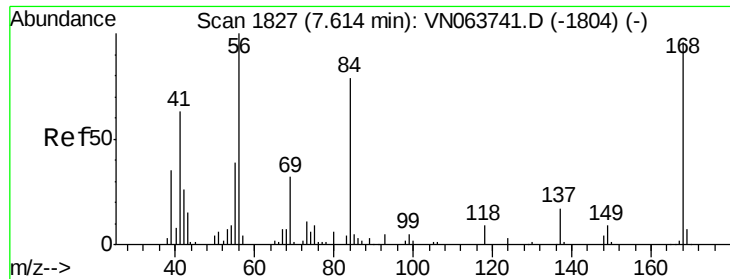
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#30
Chloroform
Concen: 49.227 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	54.6	82.0





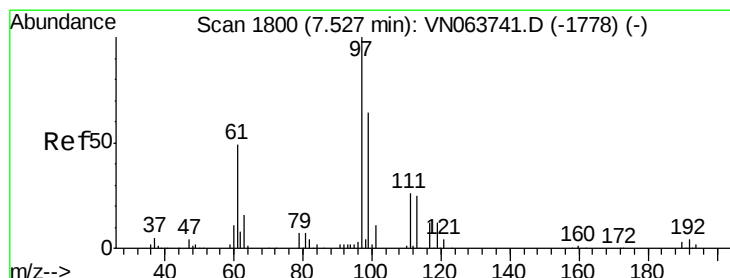
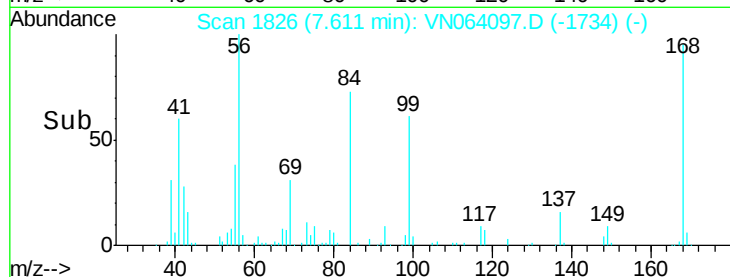
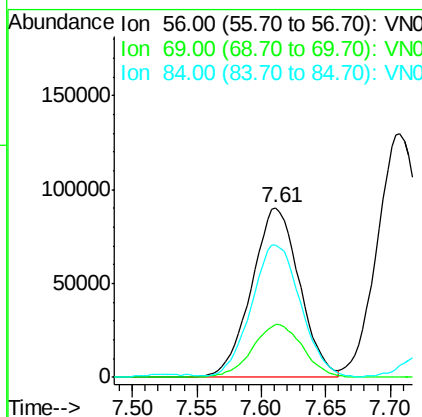
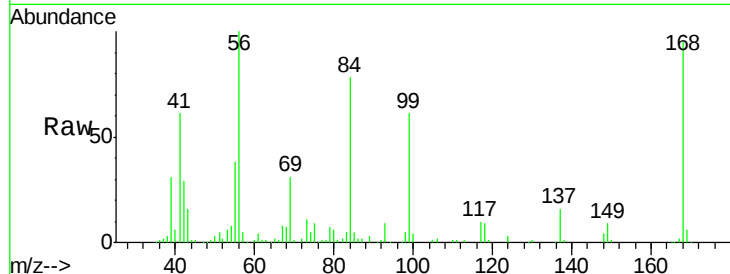
#31
Cyclohexane
Concen: 45.425 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	25.4	38.2
84	76.6	63.3	94.9

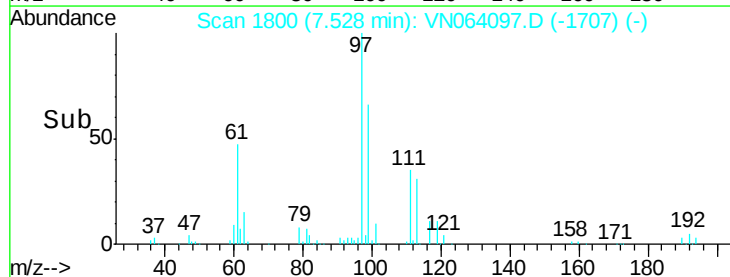
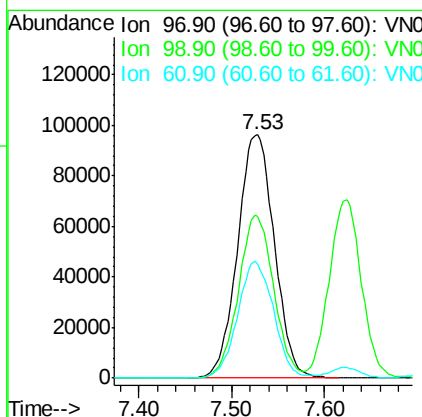
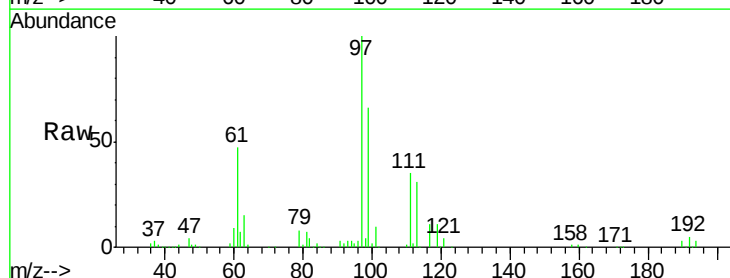
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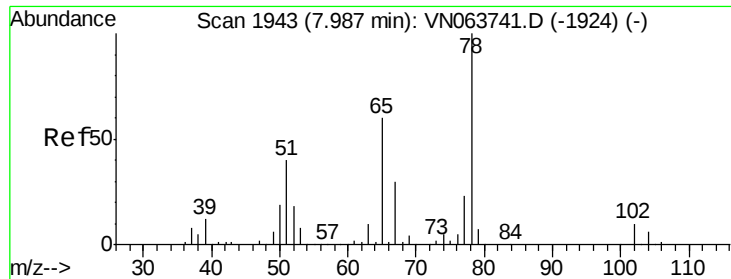
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#32
1,1,1-Trichloroethane
Concen: 47.590 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.6
61	46.8	38.7	58.1





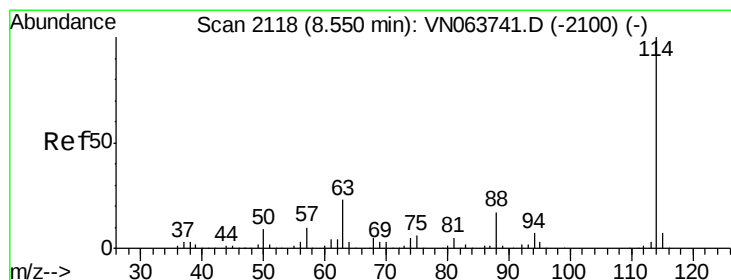
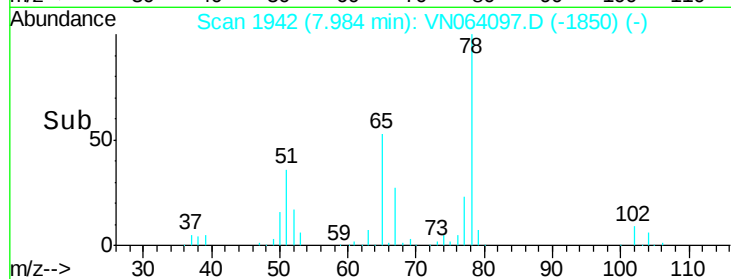
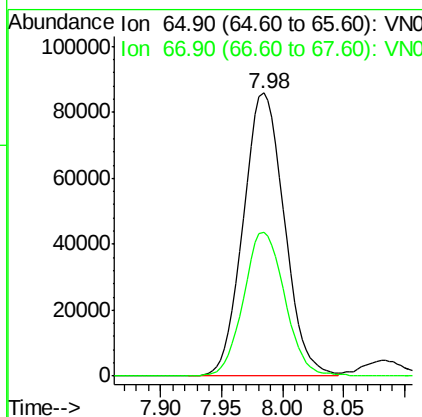
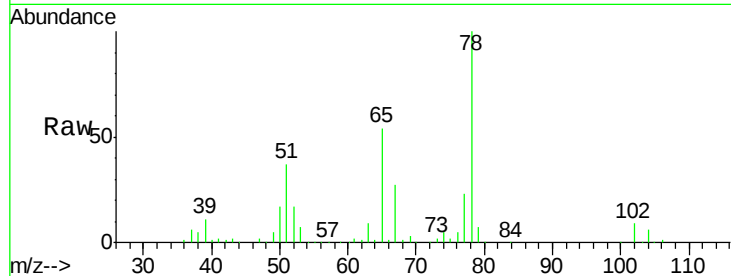
#33
 1,2-Dichloroethane-d4
 Concen: 45.109 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	200451		
67	51.2	0.0	99.6	

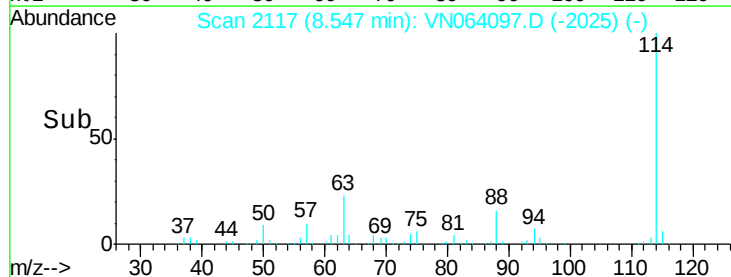
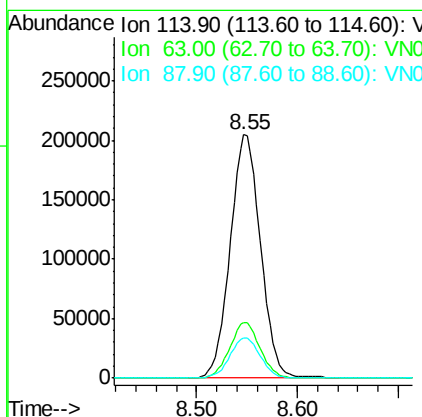
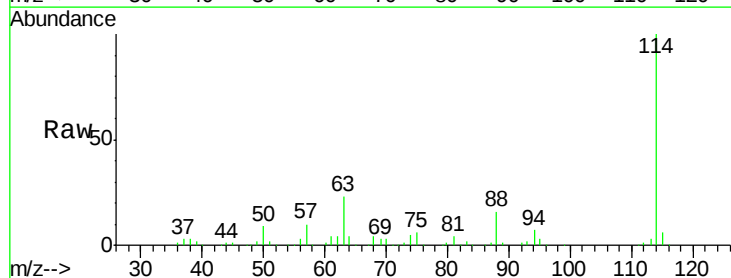
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	428152		
63	23.0	0.0	45.0	
88	16.5	0.0	34.0	





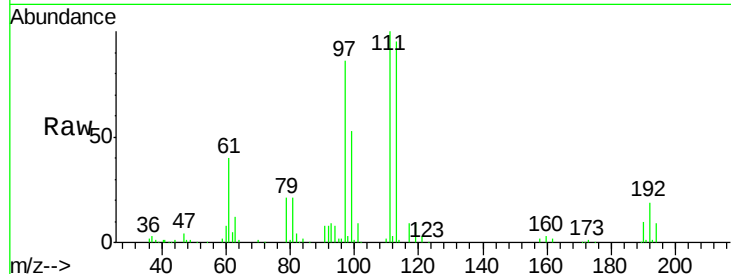
#35
 Dibromofluoromethane
 Concen: 48.424 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

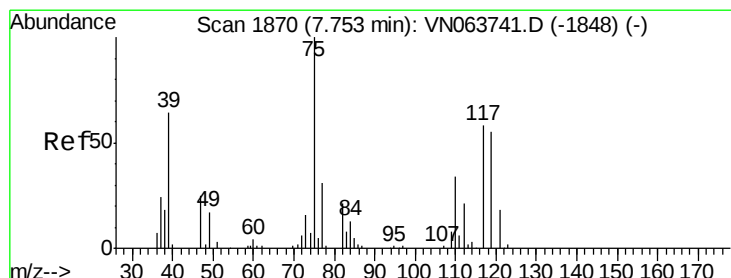
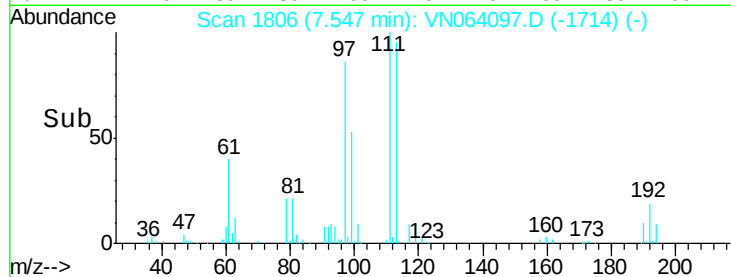
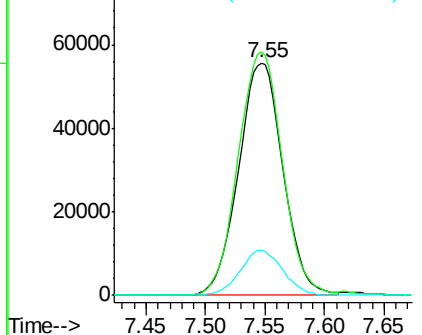
Tot Ion	Ratio	Resp	Lower	Upper
113	100	143860		
111	104.3	81.8	122.8	
192	18.7	14.2	21.2	

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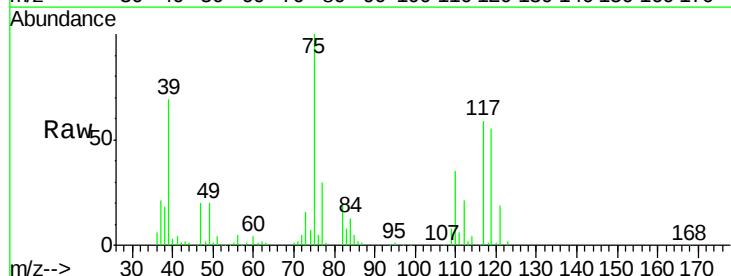


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

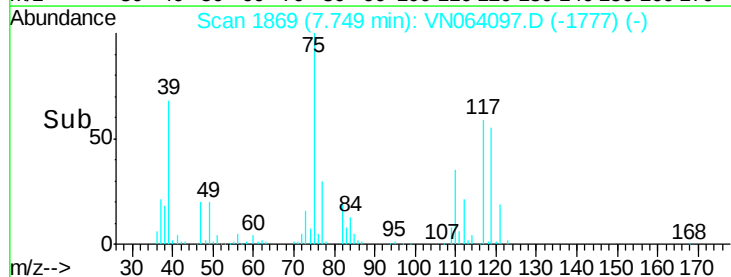
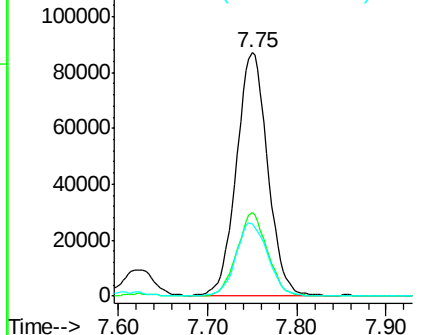


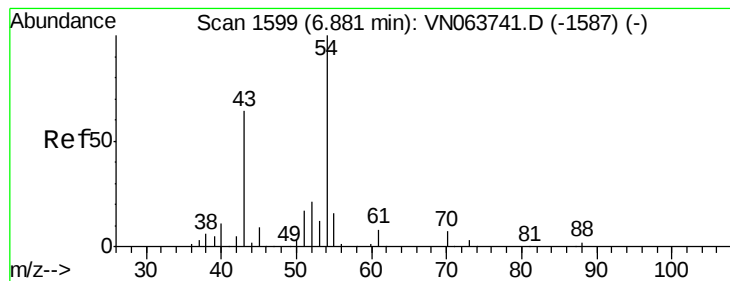
#36
 1,1-Dichloropropene
 Concen: 48.531 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	210508		
110	33.6	16.9	50.6	
77	31.1	24.5	36.7	



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 55.897 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

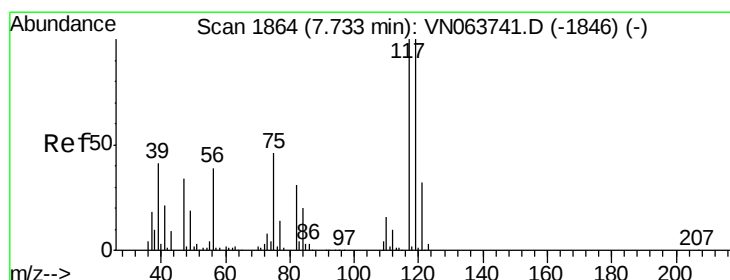
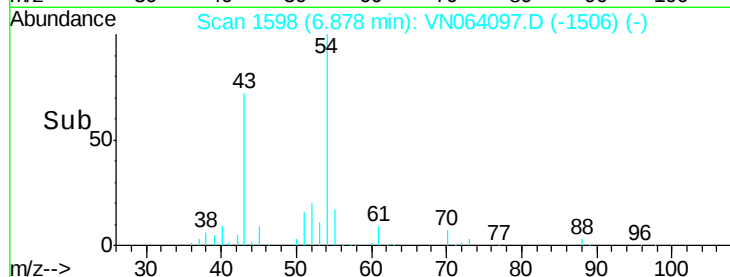
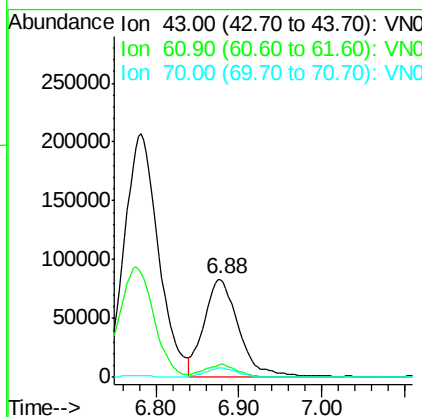
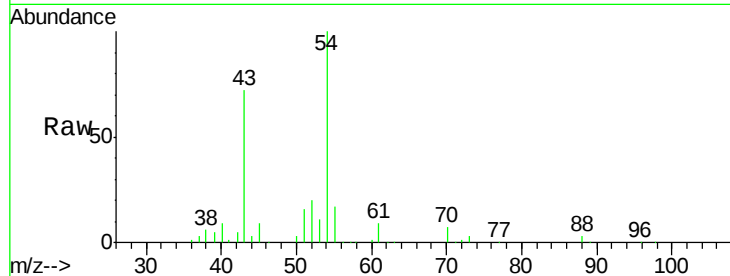
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	240884
Ion	Ratio	Lower	Upper
43	100		
61	12.1	10.4	15.6
70	8.8	7.3	10.9

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#38

Carbon Tetrachloride

Concen: 47.044 ug/l

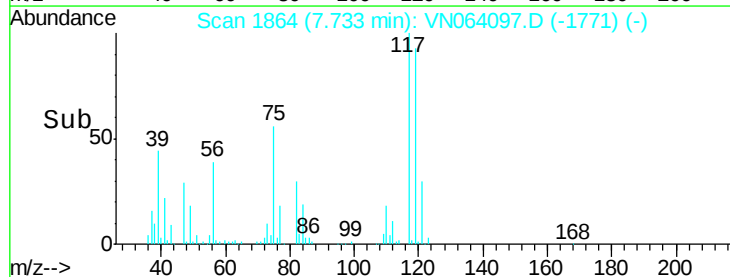
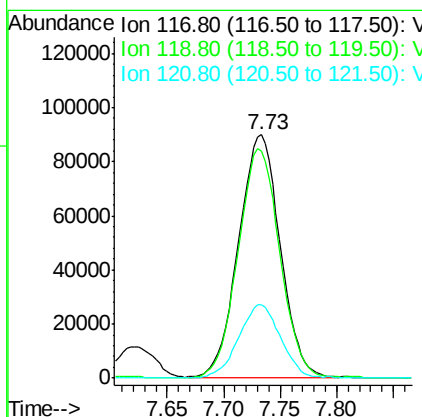
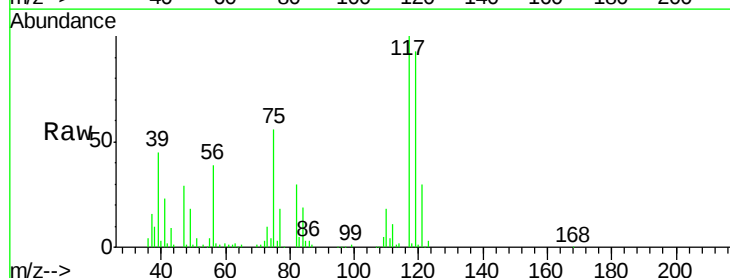
RT: 7.73 min Scan# 1864

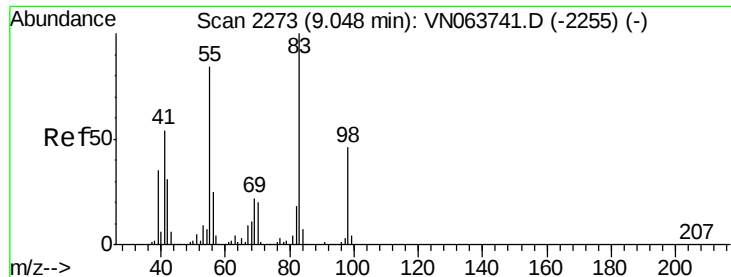
Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Tgt Ion:	117	Resp:	228821
Ion	Ratio	Lower	Upper
117	100		
119	93.5	80.1	120.1
121	30.1	25.7	38.5





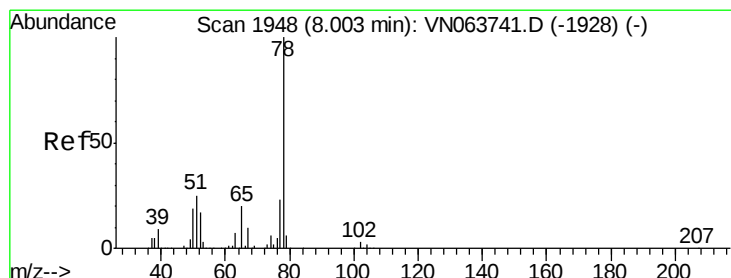
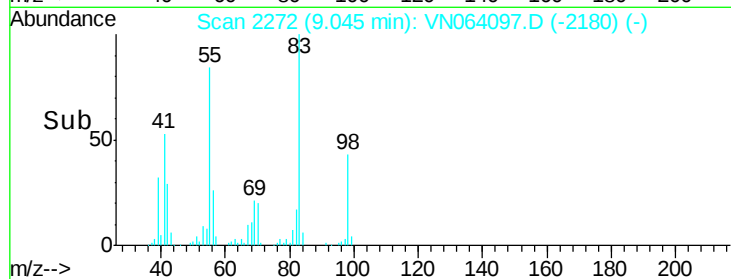
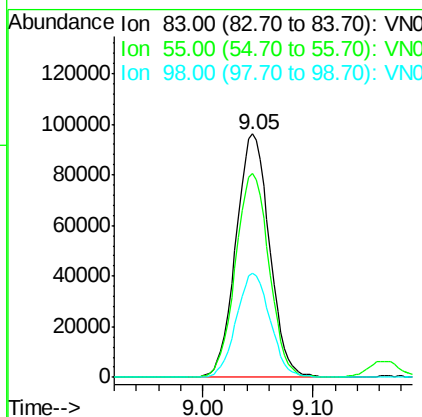
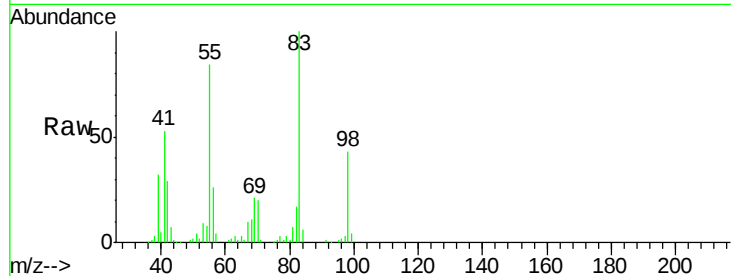
#39
Methvlcvclohexane
Concen: 46.898 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.9	67.1	100.7
98	42.8	36.6	54.8

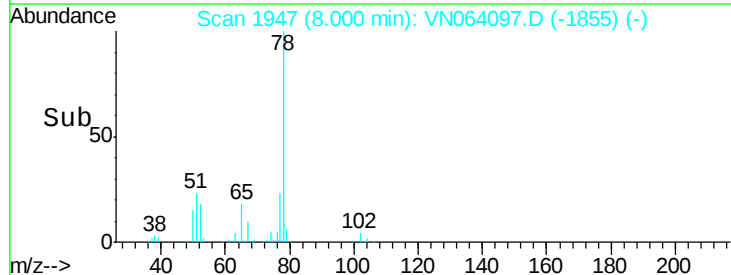
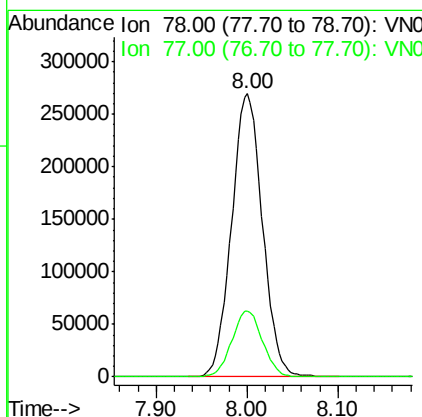
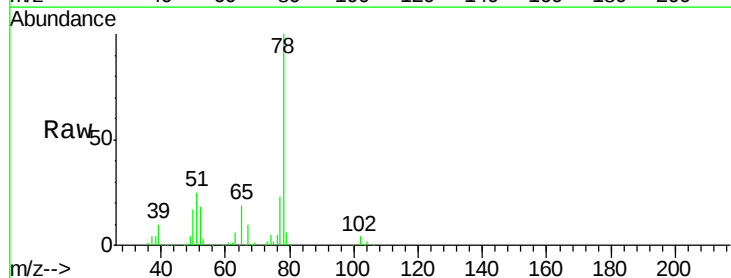
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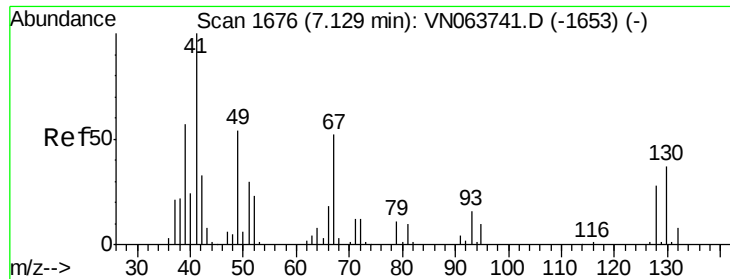
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#40
Benzene
Concen: 51.279 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.7	28.1





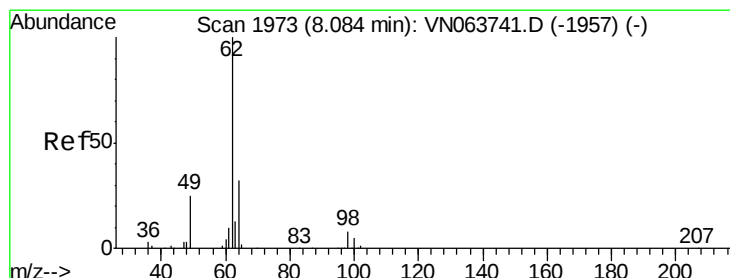
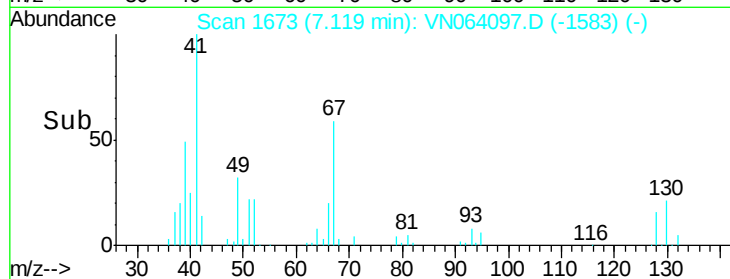
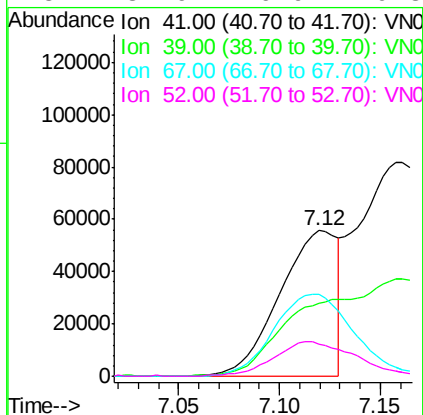
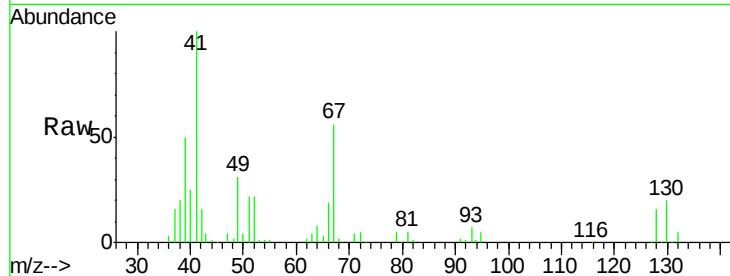
#41
Methacrylonitrile
Concen: 57.796 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	110697
Ion Ratio	Lower	Upper	
41	100		
39	0.0	42.5	63.7#
67	79.3	57.4	86.2
52	34.9	26.9	40.3

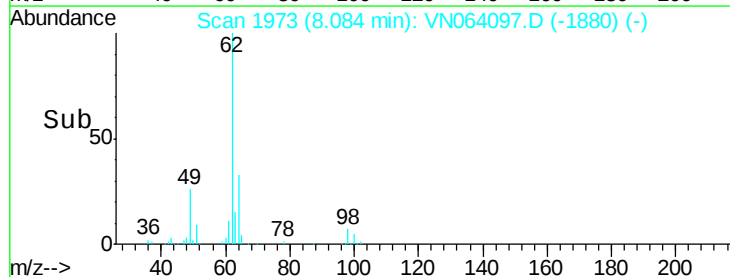
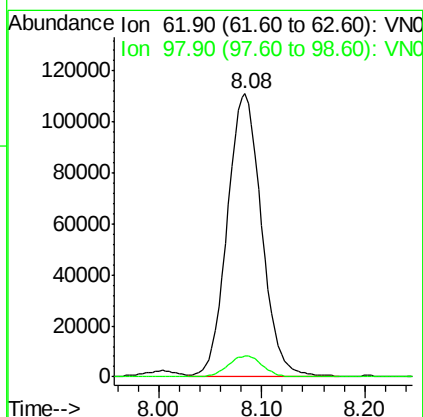
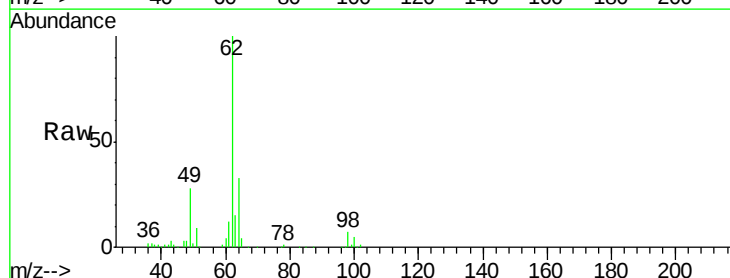
Manual Integrations
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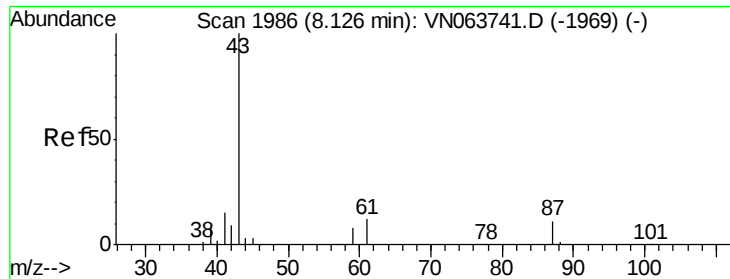
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#42
1,2-Dichloroethane
Concen: 48.375 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	62	Resp	255834
Ion Ratio	Lower	Upper	
62	100		
98	7.5	0.0	15.0





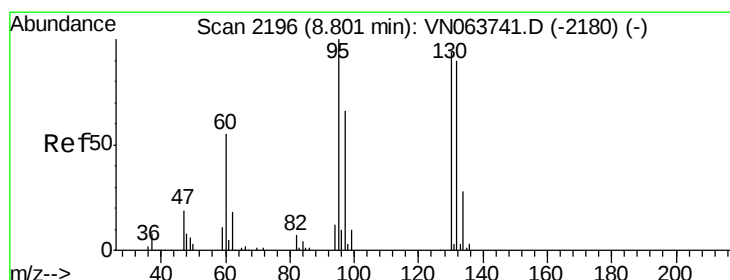
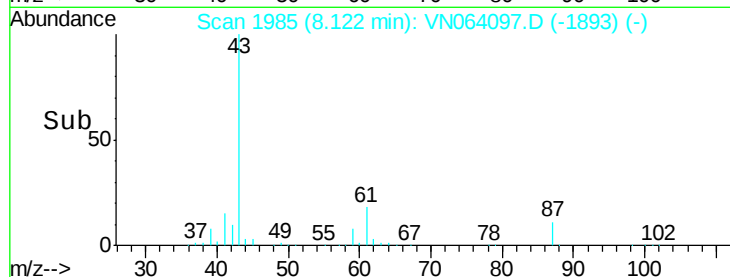
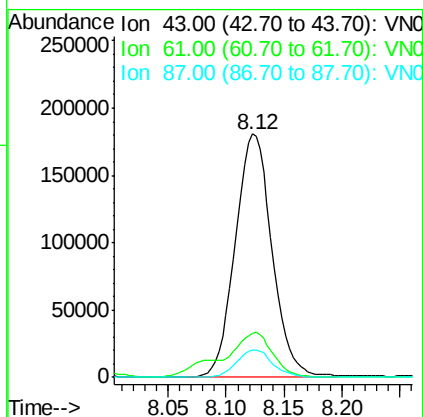
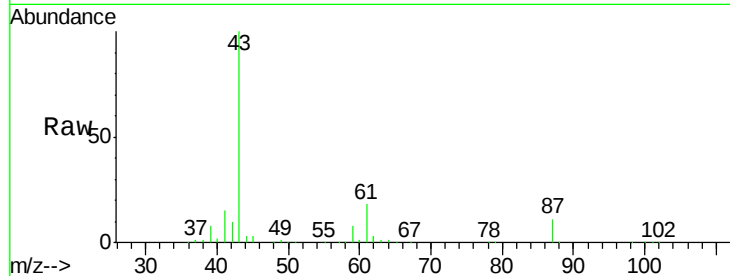
#43
Isopropyl Acetate
Concen: 55.798 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	396627
Ion Ratio	Lower	Upper	
43	100		
61	18.4	14.2	21.4
87	11.2	9.0	13.6

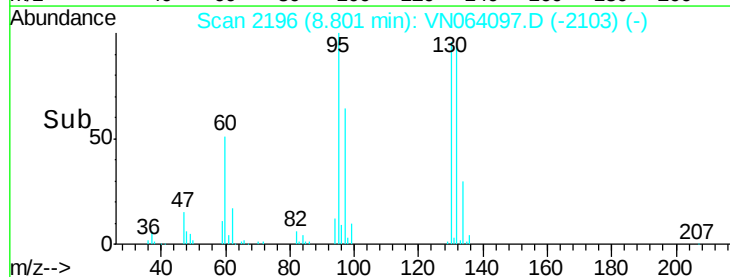
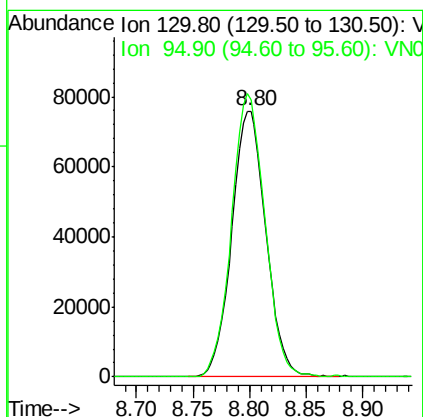
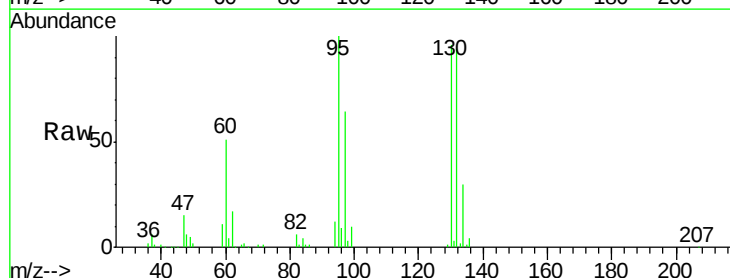
Manual Integrations
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#44
Trichloroethene
Concen: 49.186 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	130	Resp	159667
Ion Ratio	Lower	Upper	
130	100		
95	104.1	0.0	213.6





#45

1,2-Dichloropropane

Concen: 53.334 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 178452

Ion Ratio Lower Upper

63 100

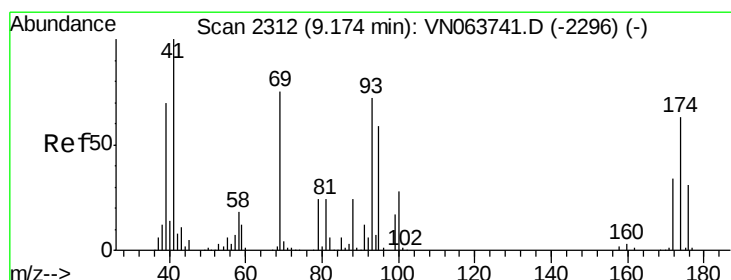
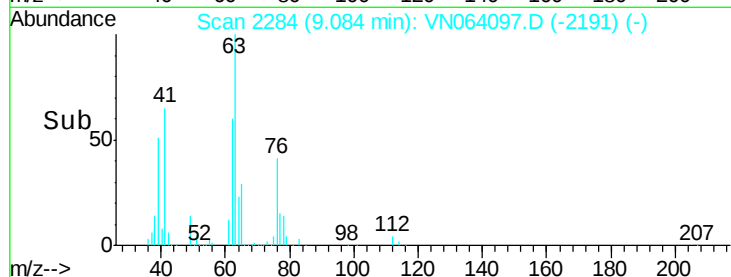
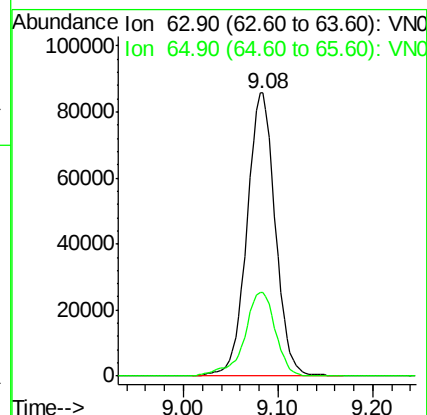
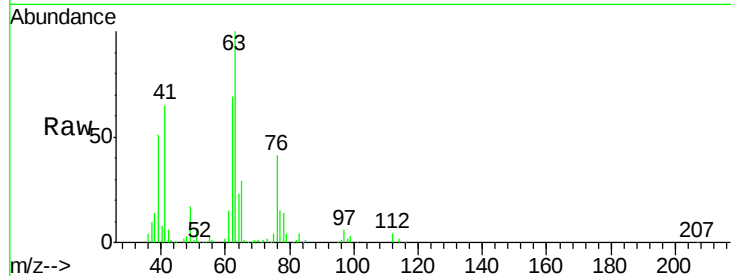
65 29.5 24.7 37.1

Manual Integrations

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#46

Dibromomethane

Concen: 50.272 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

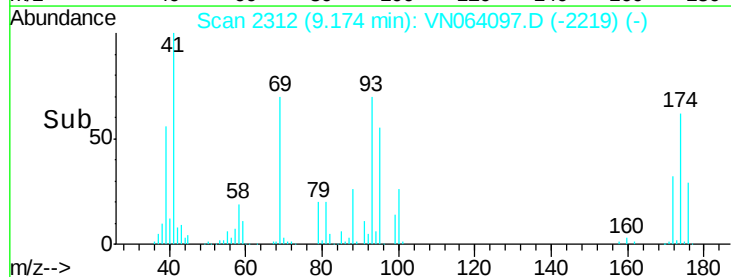
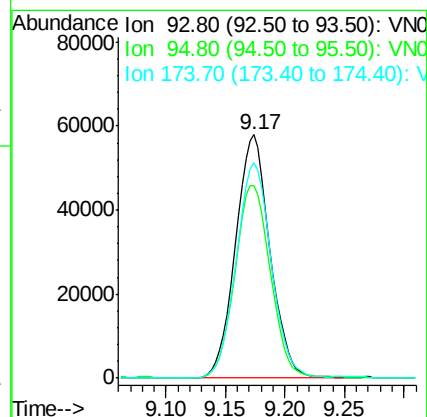
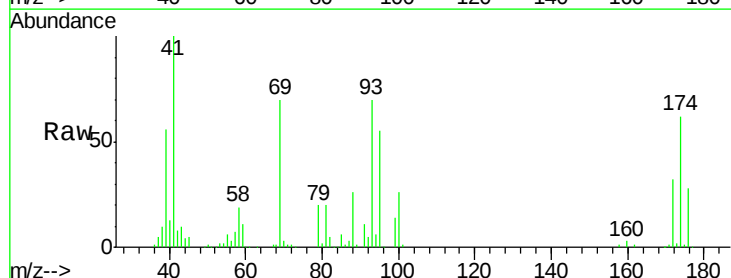
Tgt Ion: 93 Resp: 116039

Ion Ratio Lower Upper

93 100

95 81.7 66.3 99.5

174 90.3 72.7 109.1





#47

Bromodichloromethane

Concen: 51.499 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

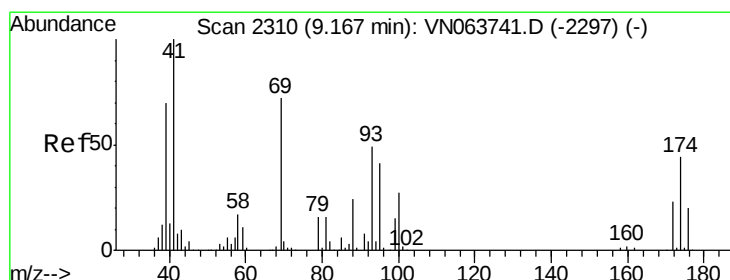
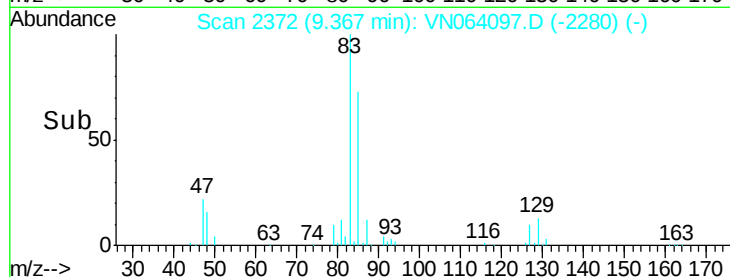
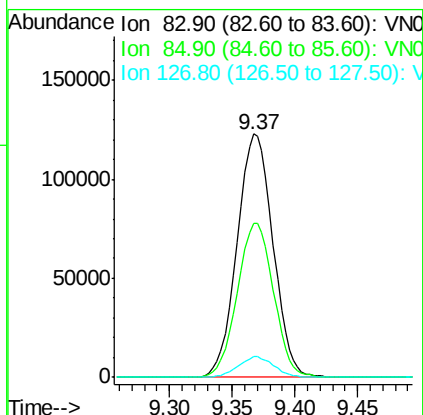
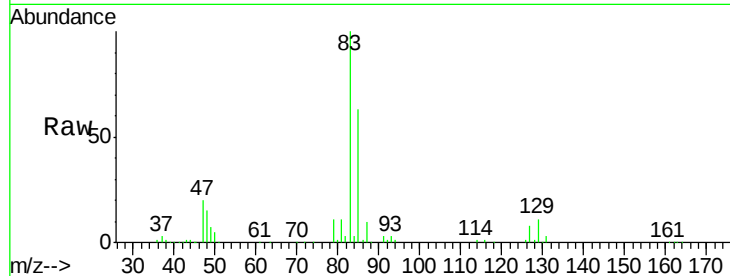
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	244987
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.6	75.8
127	8.5	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 58.021 ug/l

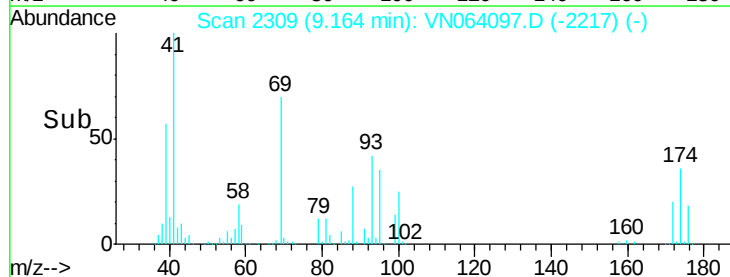
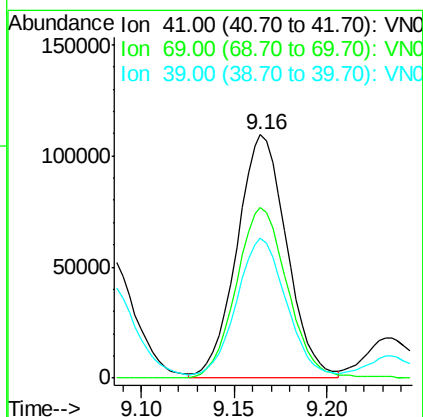
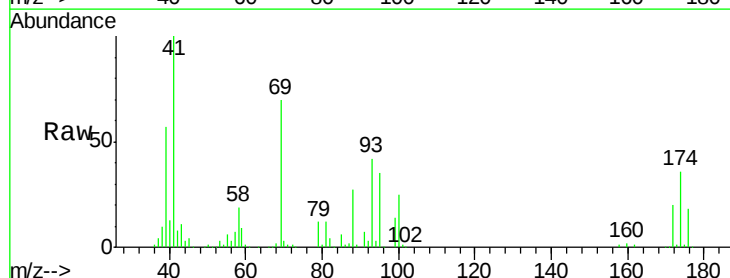
RT: 9.16 min Scan# 2309

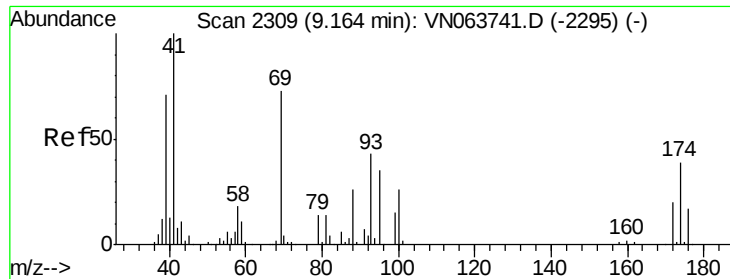
Delta R.T. -0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Tgt Ion:	41	Resp:	203764
Ion Ratio	Lower	Upper	
41	100		
69	72.5	60.9	91.3
39	57.6	57.5	86.3





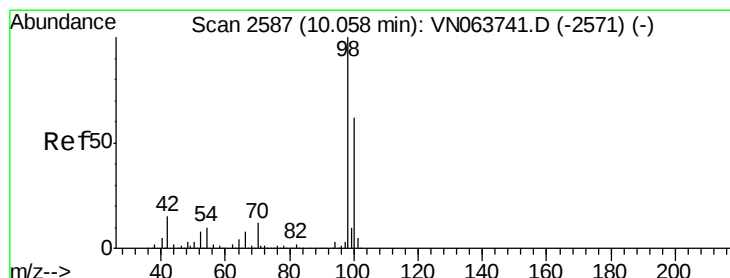
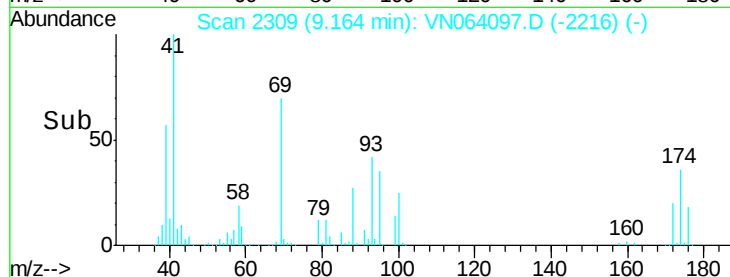
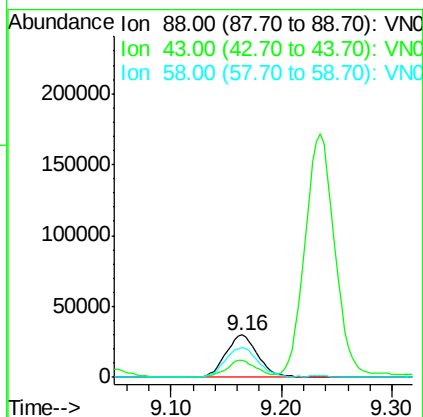
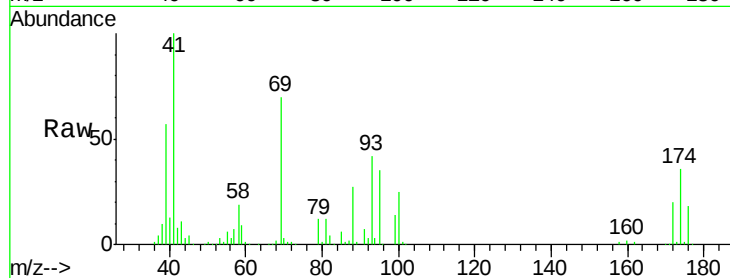
#49
1,4-Dioxane
Concen: 1205.534 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	33.1	49.7
58	72.4	58.9	88.3

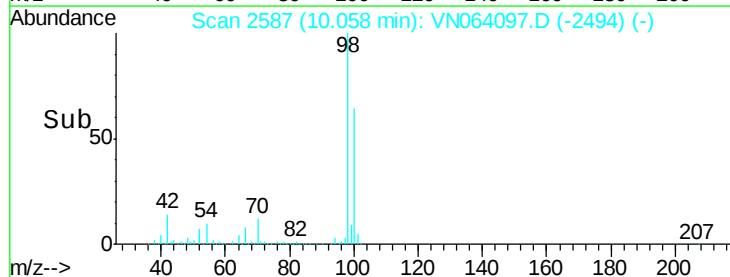
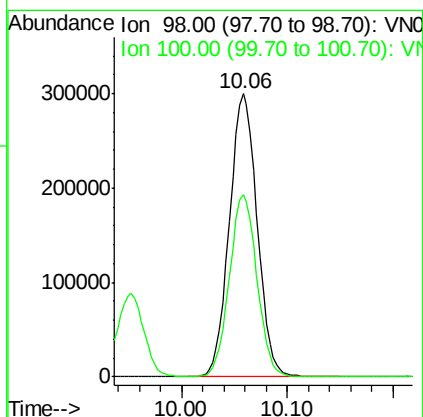
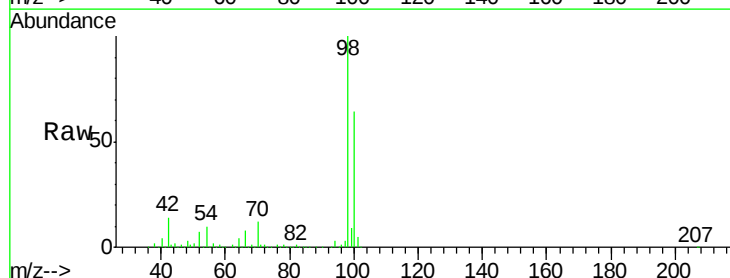
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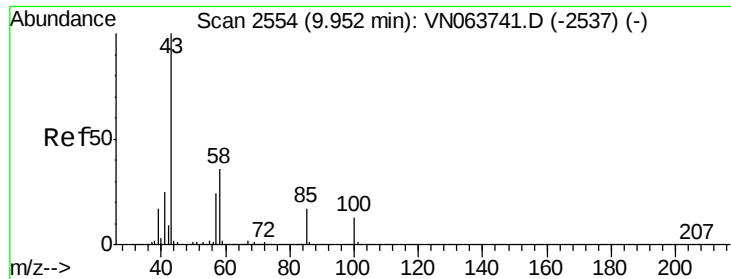
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#50
Toluene-d8
Concen: 48.515 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	49.8	74.6





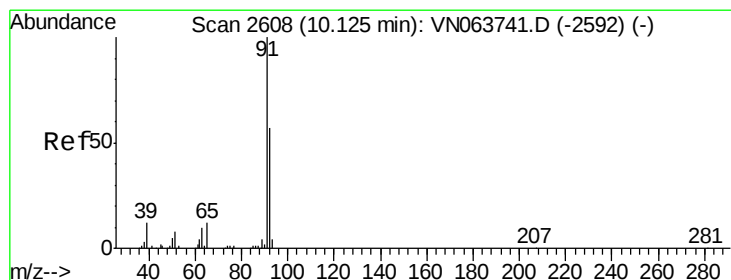
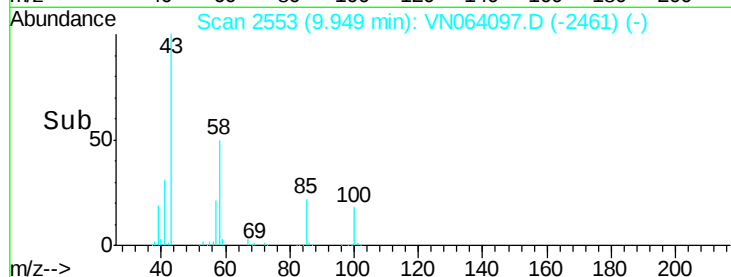
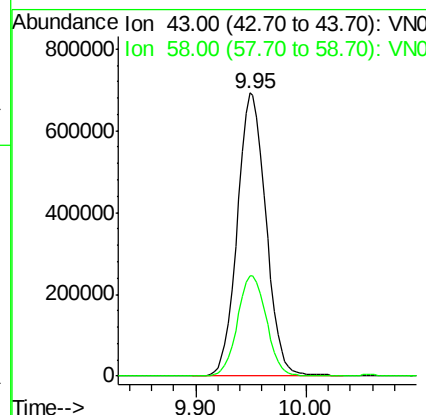
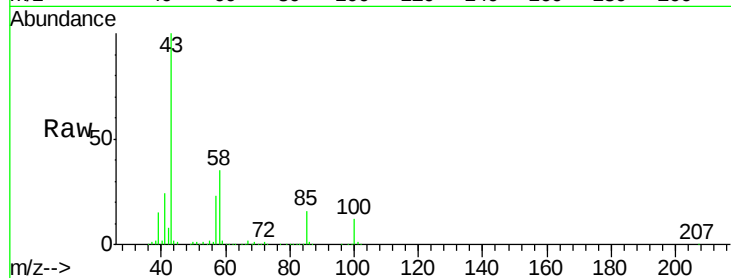
#51
4-Methyl-2-Pentanone
Concen: 298.385 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1244699
Ion Ratio Lower Upper
43 100
58 35.9 28.4 42.6

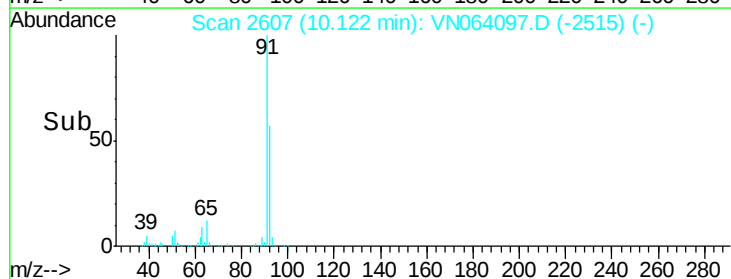
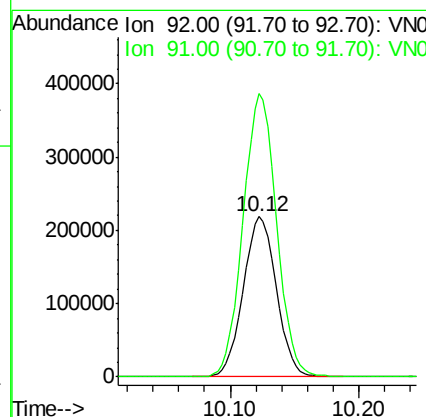
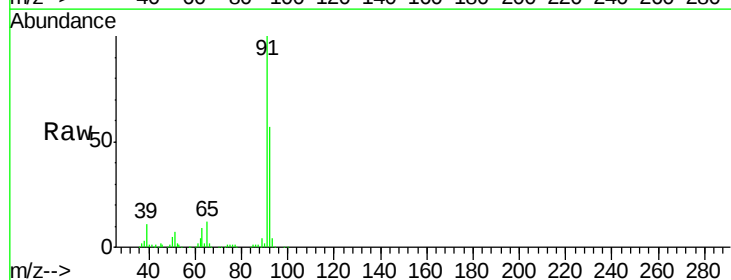
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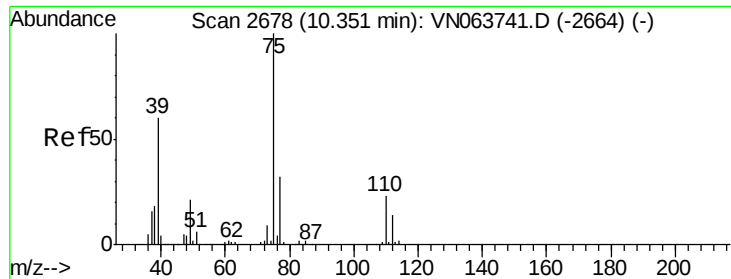
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#52
Toluene
Concen: 51.217 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion: 92 Resp: 392490
Ion Ratio Lower Upper
92 100
91 178.5 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 52.714 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 268806

Ion Ratio Lower Upper

75 100

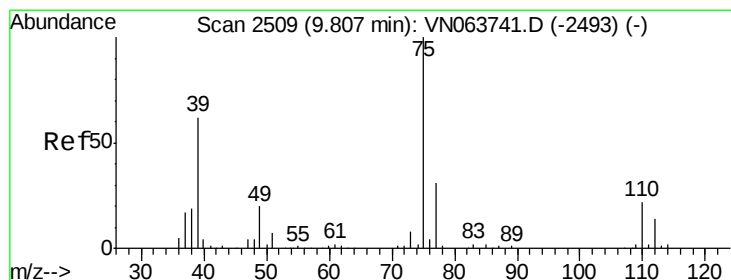
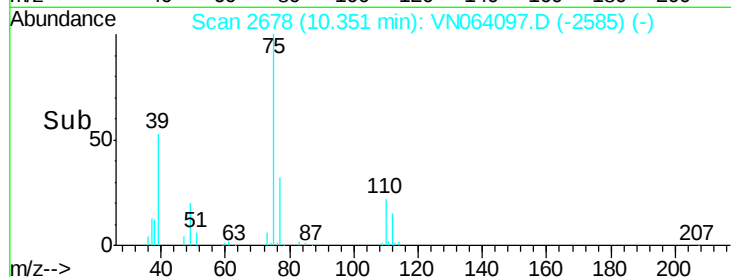
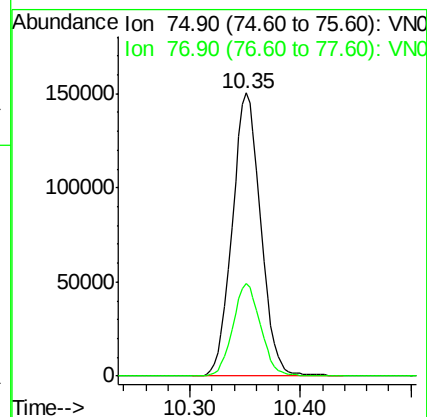
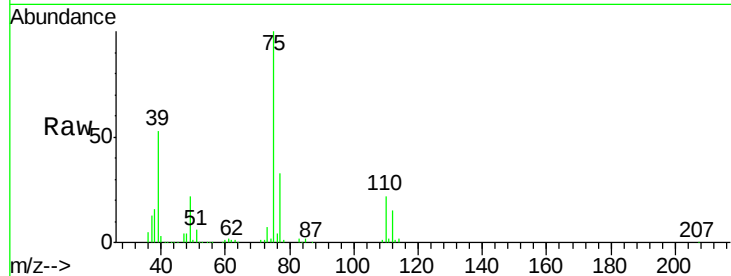
77 32.6 25.3 37.9

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#54

cis-1,3-Dichloropropene

Concen: 52.424 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

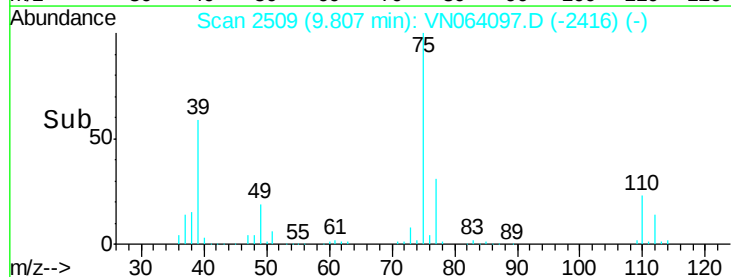
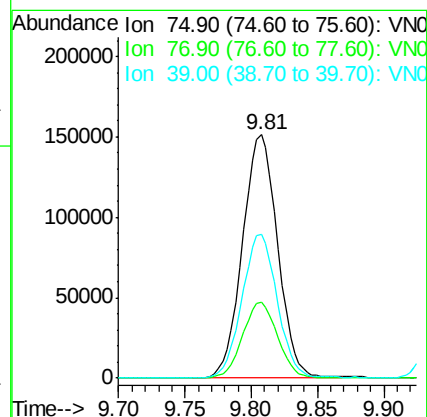
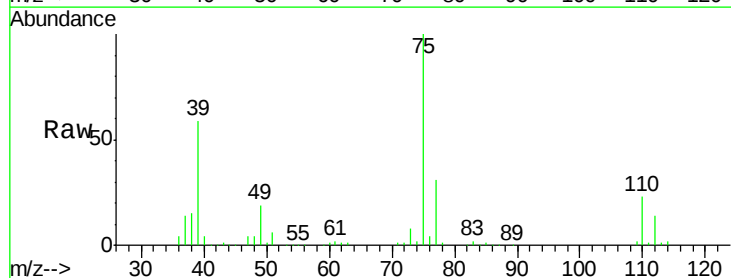
Tgt Ion: 75 Resp: 279573

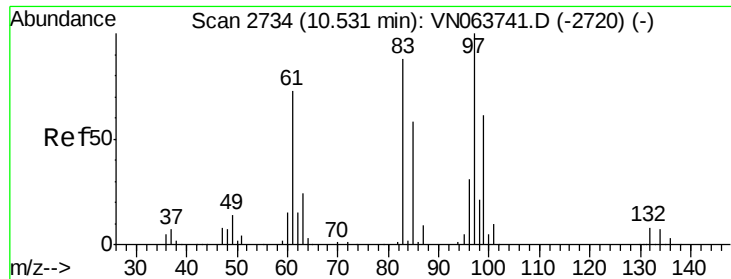
Ion Ratio Lower Upper

75 100

77 31.1 24.6 36.8

39 58.6 49.7 74.5





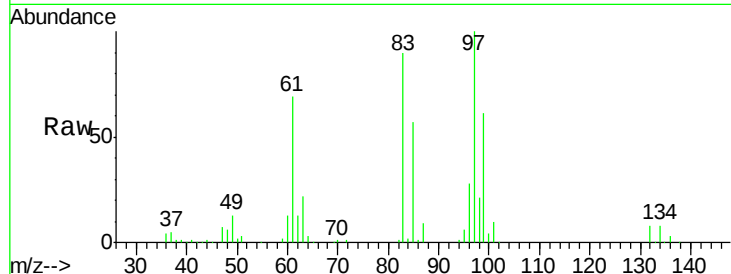
#55
 1,1,2-Trichloroethane
 Concen: 52.364 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		160924		
83	90.5	70.7	106.1		
85	57.3	46.1	69.1		
99	61.0	48.8	73.2		

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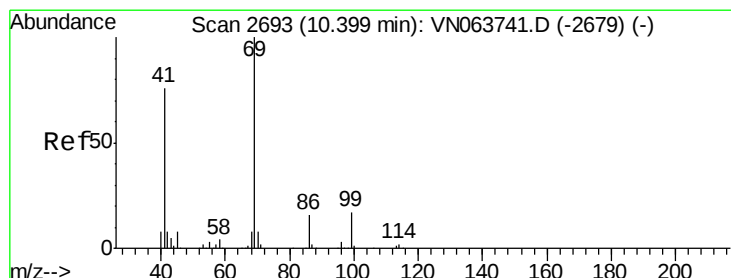
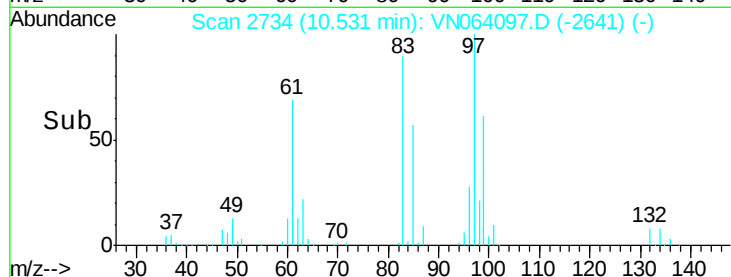
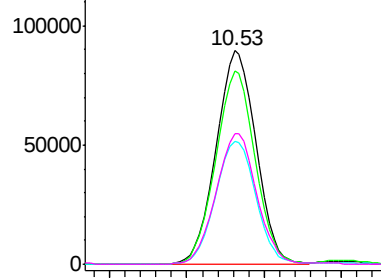


Abundance Ion 96.90 (96.60 to 97.60): VN064097.D (-2641) (-)

Ion 82.90 (82.60 to 83.60): VN064097.D (-2641) (-)

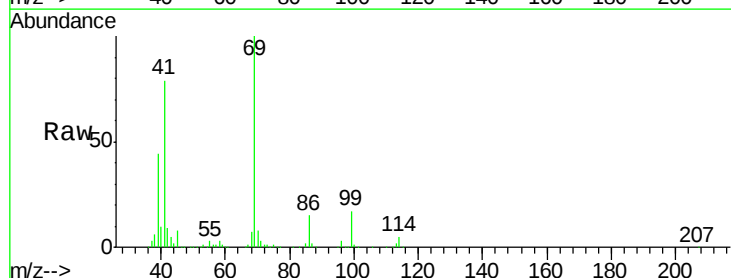
Ion 84.90 (84.60 to 85.60): VN064097.D (-2641) (-)

Ion 98.90 (98.60 to 99.60): VN064097.D (-2641) (-)



#56
 Ethyl methacrylate
 Concen: 56.212 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

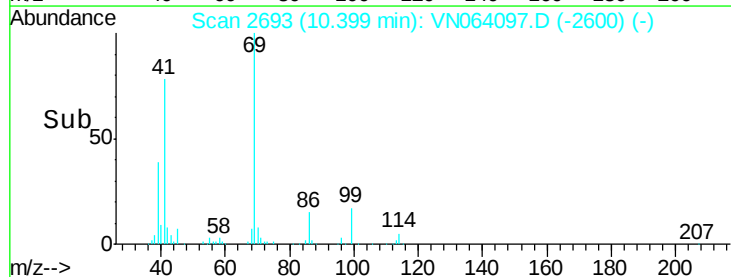
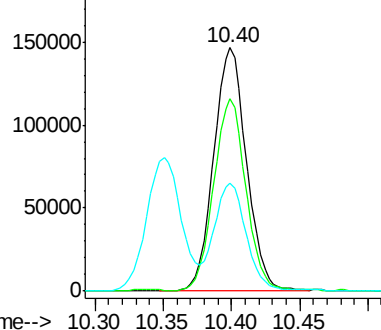
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		244869		
41	77.1	61.1	91.7		
39	43.4	42.2	63.4		

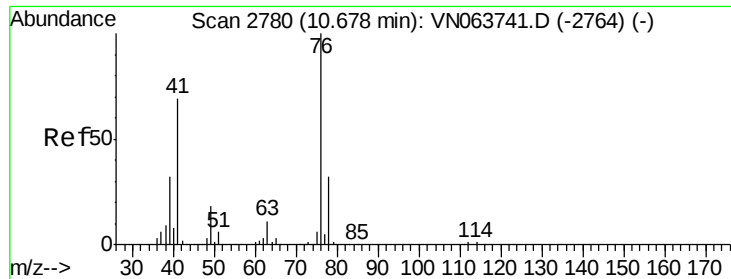


Abundance Ion 69.00 (68.70 to 69.70): VN064097.D (-2600) (-)

Ion 41.00 (40.70 to 41.70): VN064097.D (-2600) (-)

Ion 39.00 (38.70 to 39.70): VN064097.D (-2600) (-)





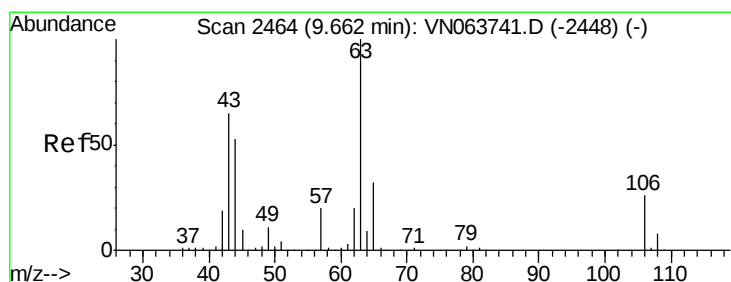
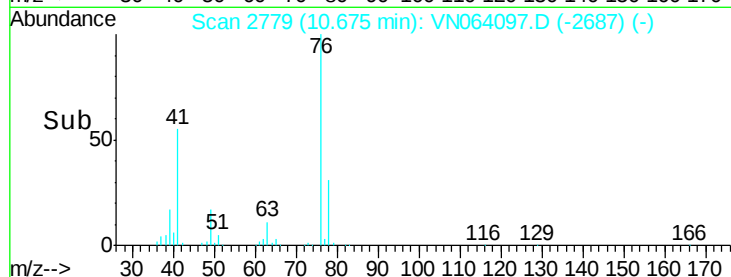
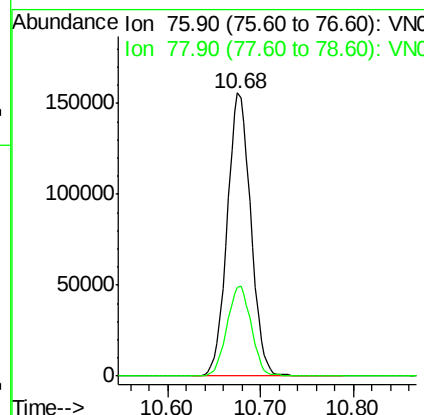
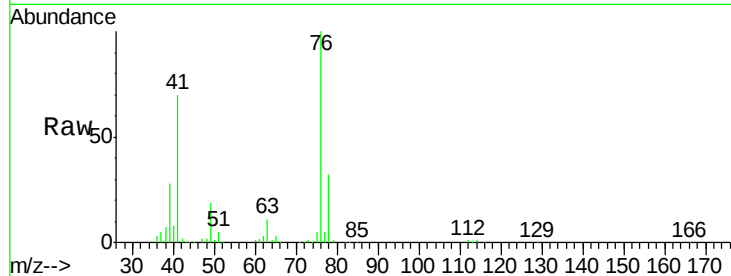
#57
 1,3-Dichloropropane
 Concen: 52.875 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 274916
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.2 37.8

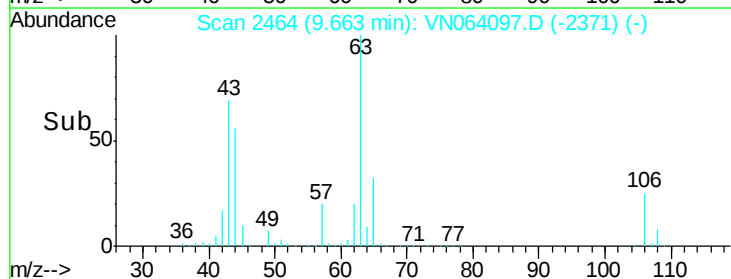
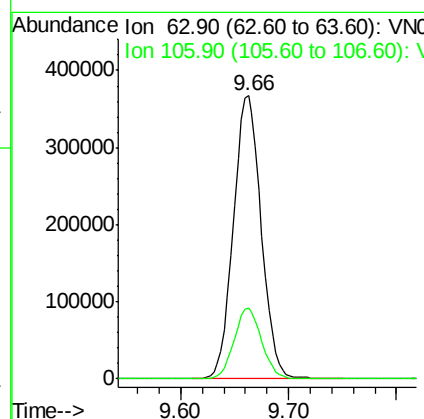
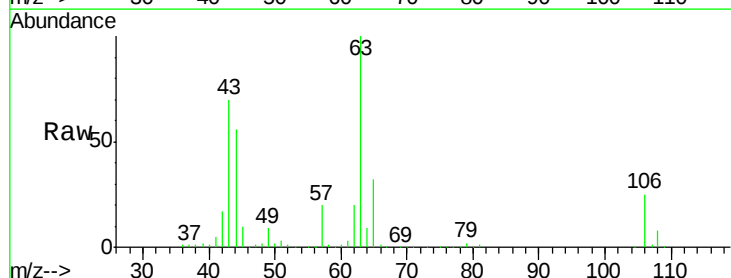
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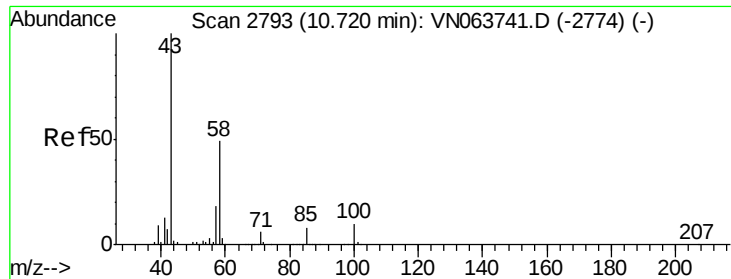
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#58
 2-Chloroethyl Vinyl ether
 Concen: 283.715 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Tgt Ion: 63 Resp: 661098
 Ion Ratio Lower Upper
 63 100
 106 24.7 20.7 31.1





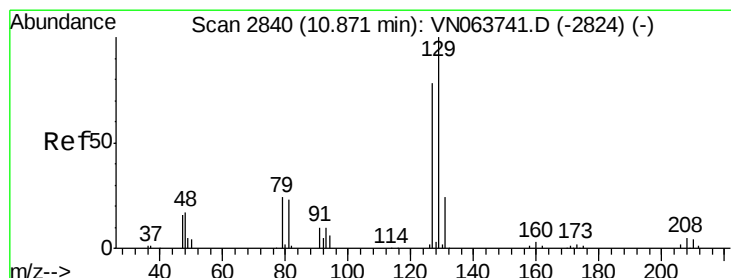
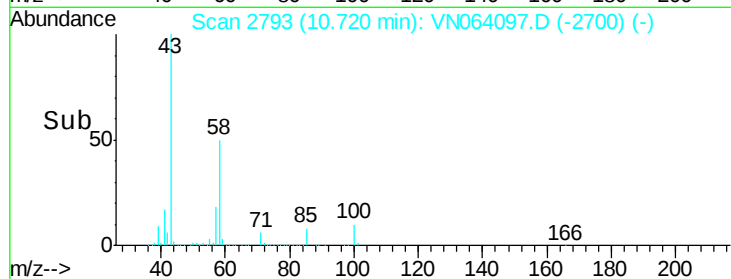
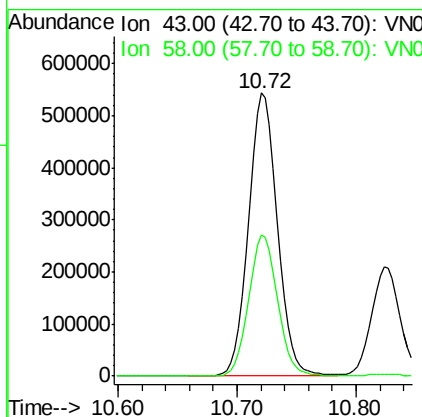
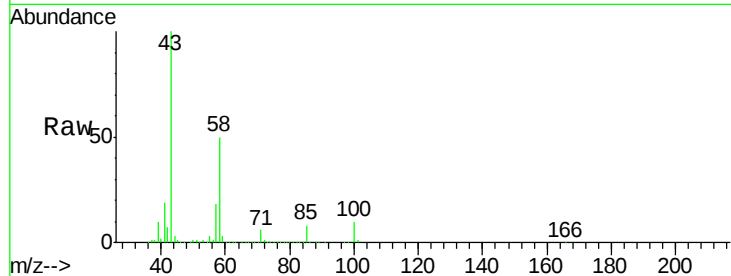
#59
2-Hexanone
Concen: 294.322 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 912050
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.8

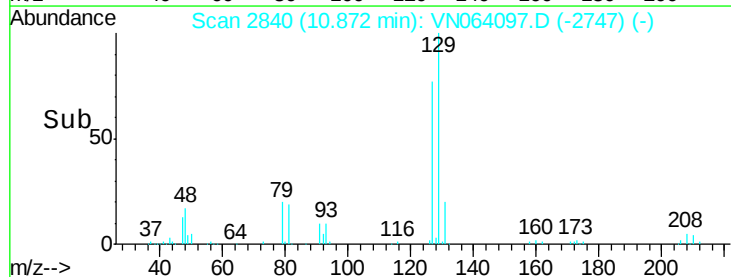
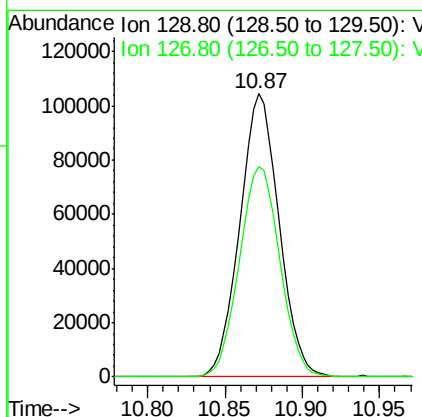
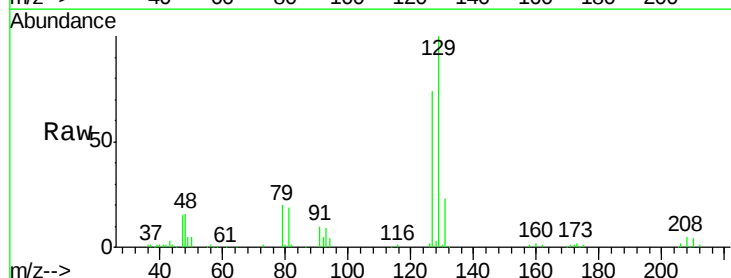
Manual Integrations
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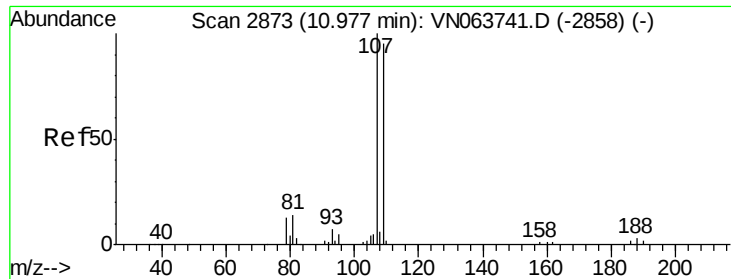
MMDadoda
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#60
Dibromochloromethane
Concen: 51.501 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion: 129 Resp: 184322
Ion Ratio Lower Upper
129 100
127 76.9 38.9 116.7





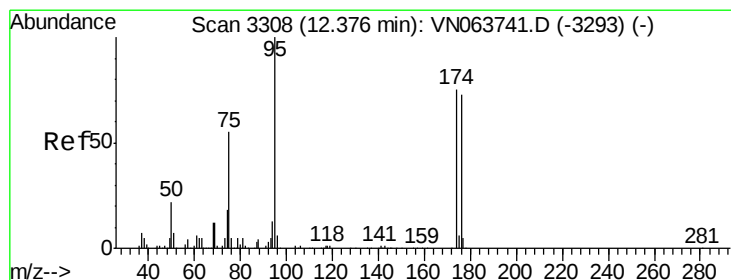
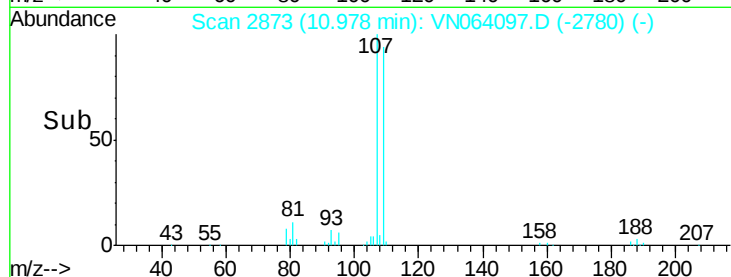
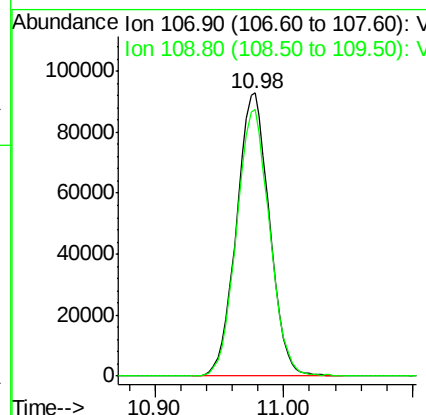
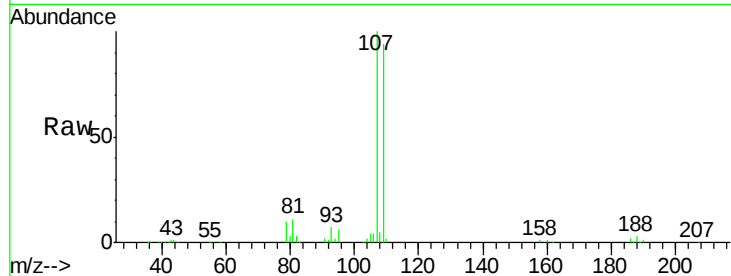
#61
 1,2-Dibromoethane
 Concen: 52.504 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.7	74.8	112.2

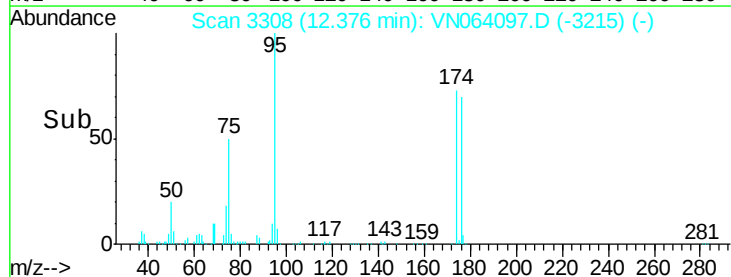
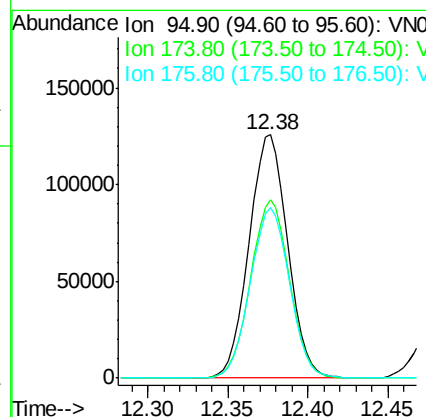
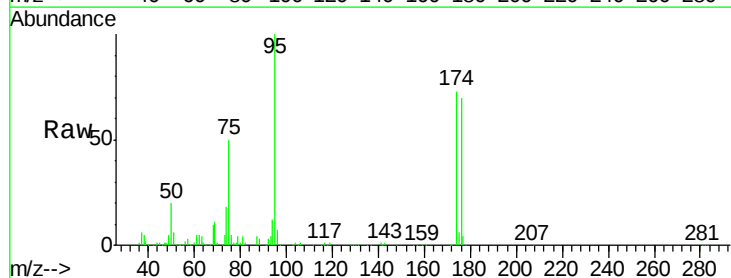
Manual Integrations
 APPROVED

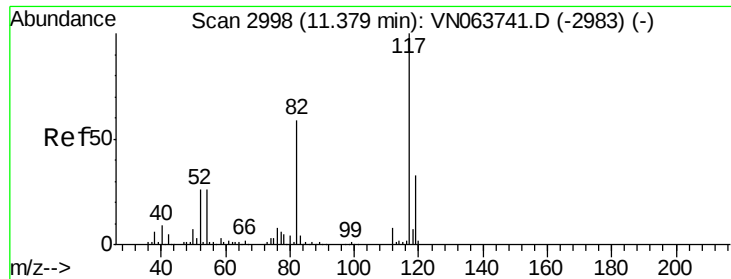
MMDadoda
 10/14/2020 2:09:09 PM



#62
 4-Bromofluorobenzene
 Concen: 48.952 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	150.6
176	71.3	0.0	145.4





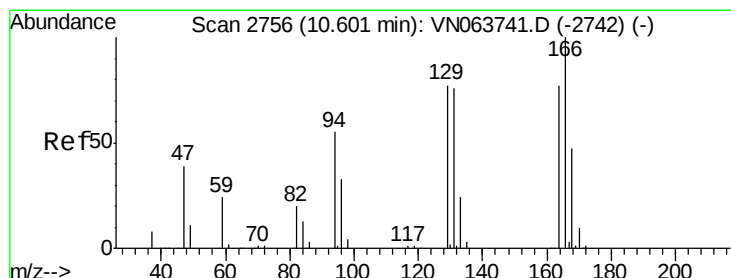
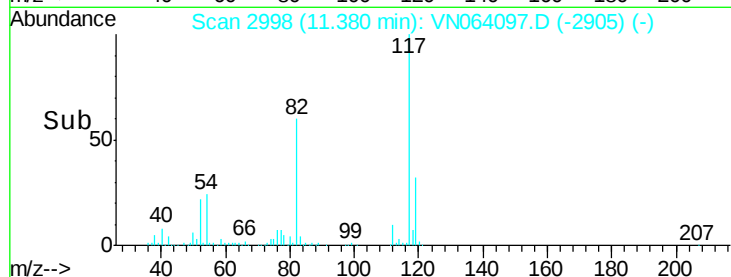
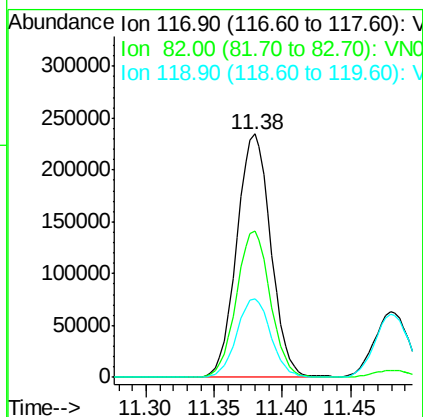
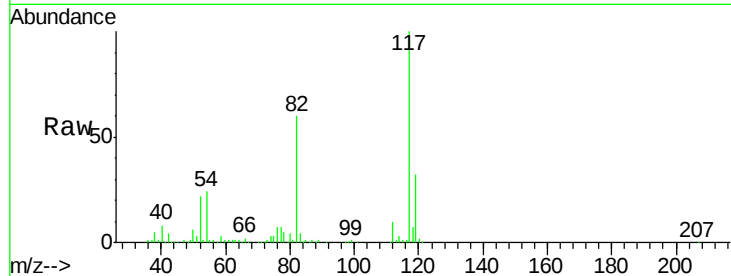
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	407787		
82	60.1	47.4	71.2	
119	32.2	26.4	39.6	

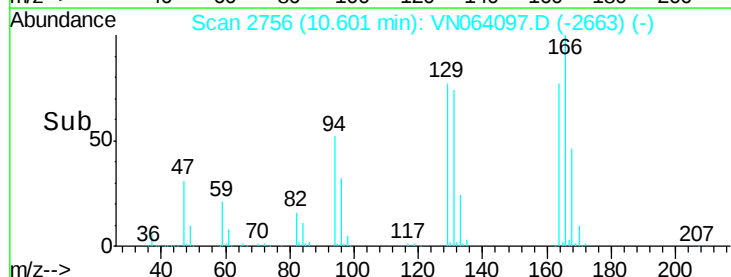
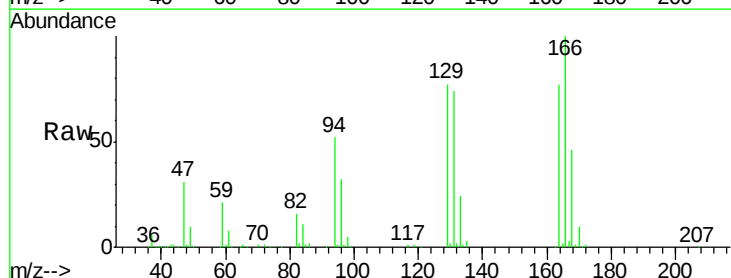
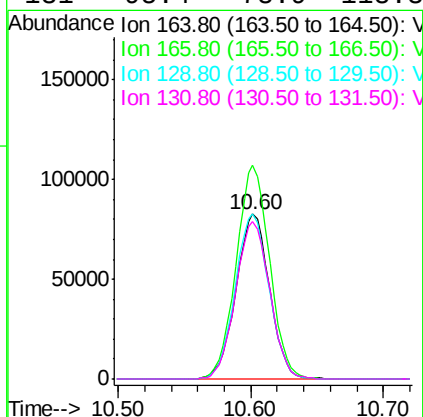
Manual Integrations
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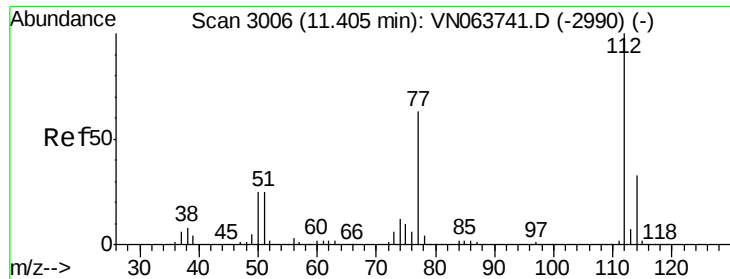
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#64
Tetrachloroethene
Concen: 45.885 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	144763		
166	129.7	103.9	155.9	
129	100.0	80.3	120.5	
131	95.4	78.9	118.3	





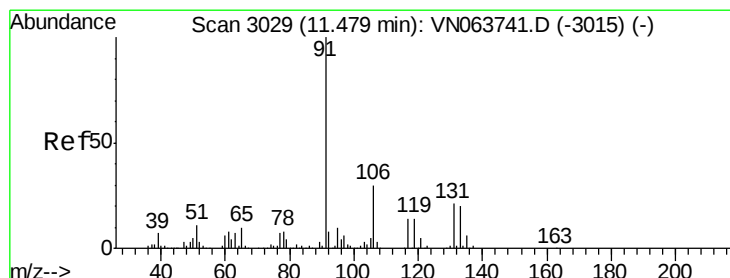
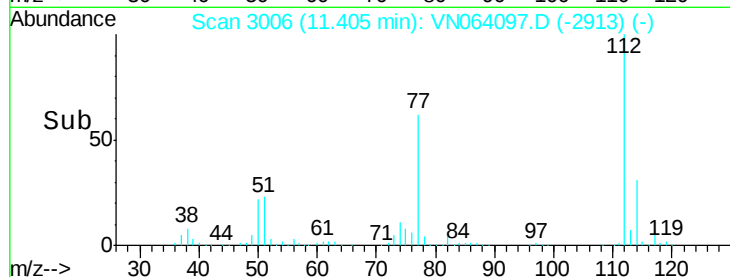
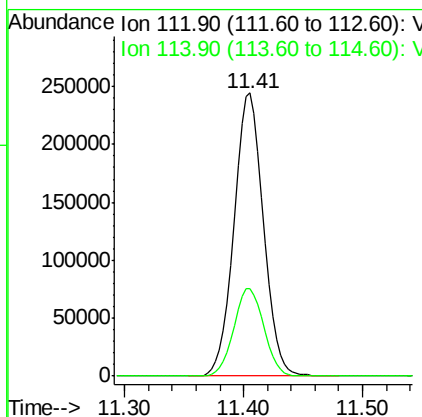
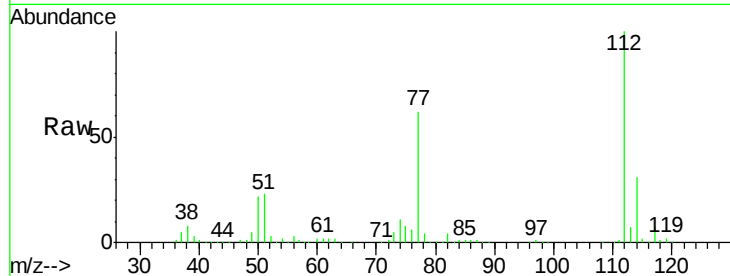
#65
Chlorobenzene
Concen: 49.903 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 417439
Ion Ratio Lower Upper
112 100
114 30.9 26.1 39.1

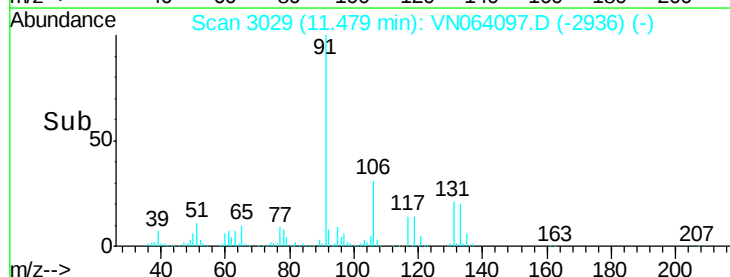
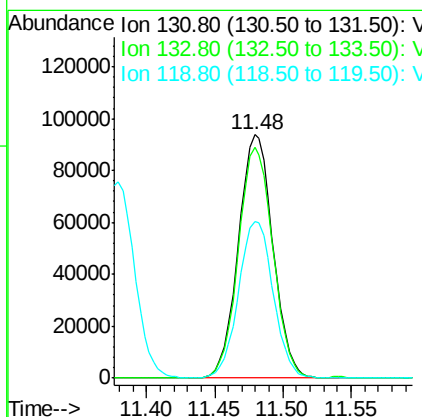
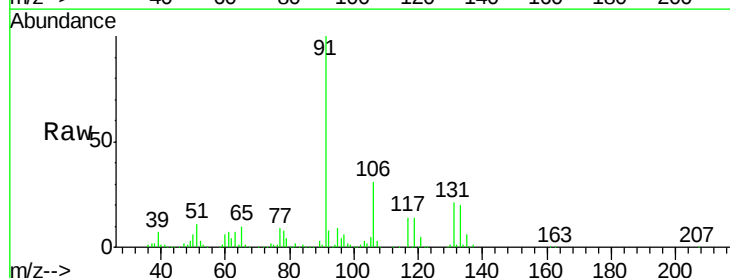
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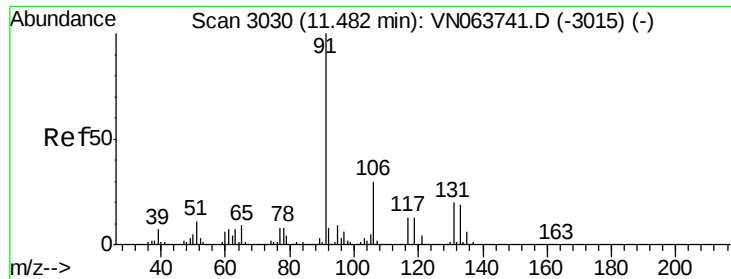
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.370 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion:131 Resp: 164738
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.8
119 64.1 32.6 97.7





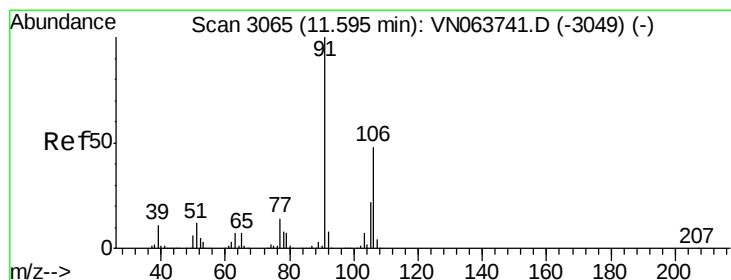
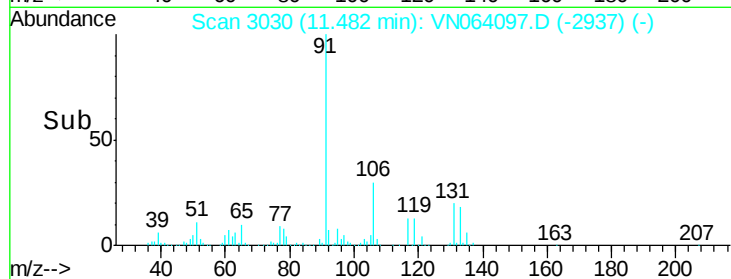
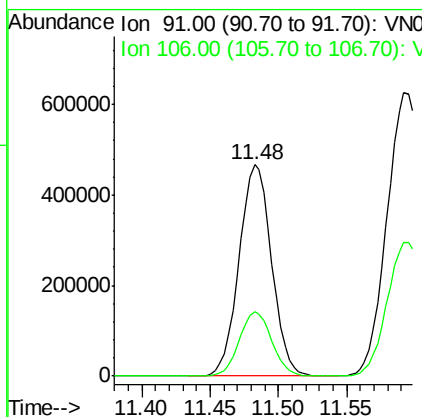
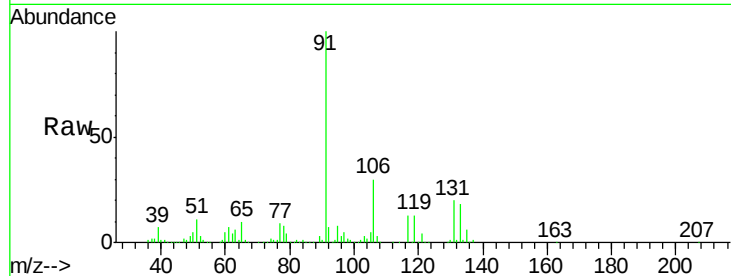
#67
Ethyl Benzene
Concen: 50.711 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 771878
Ion Ratio Lower Upper
91 100
106 30.4 24.2 36.2

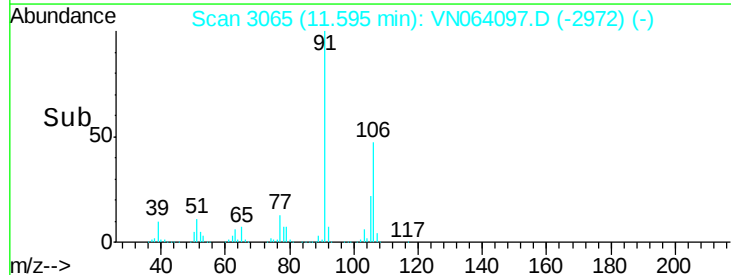
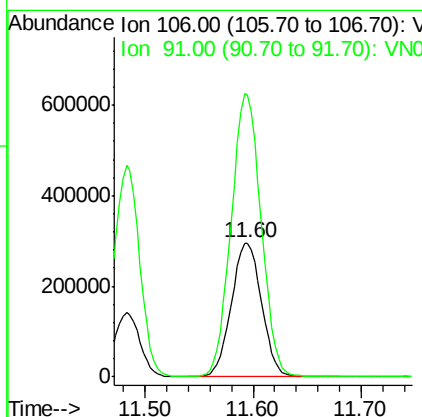
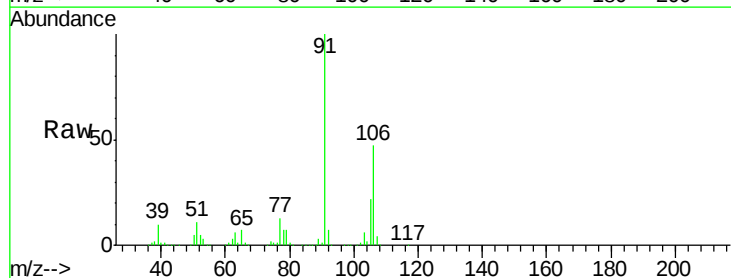
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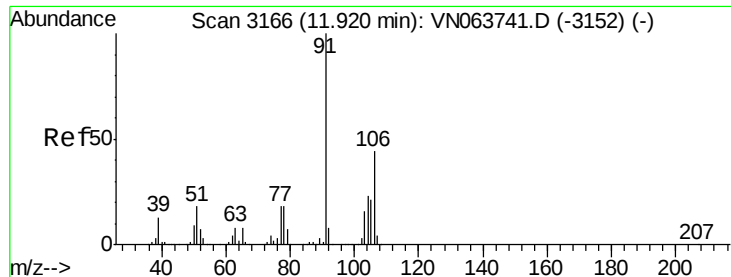
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#68
m/p-Xylenes
Concen: 101.408 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion: 106 Resp: 575279
Ion Ratio Lower Upper
106 100
91 210.7 168.0 252.0





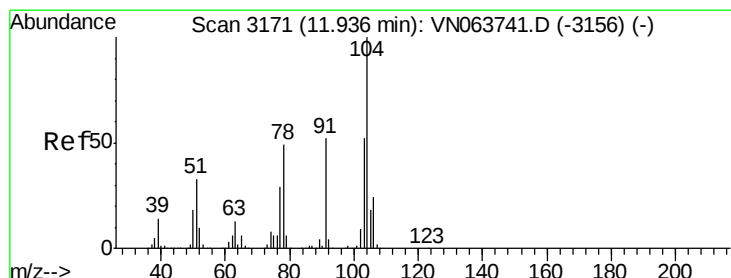
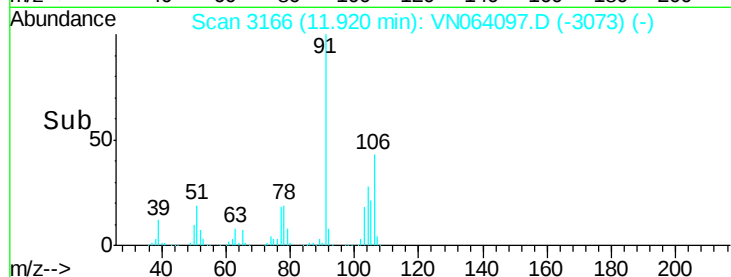
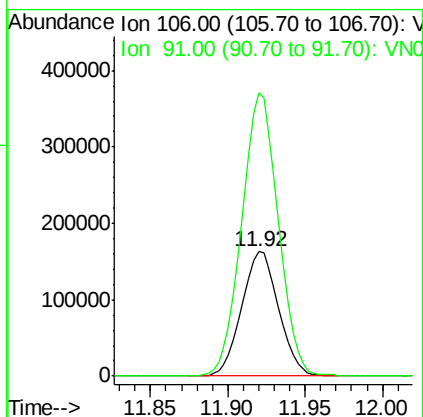
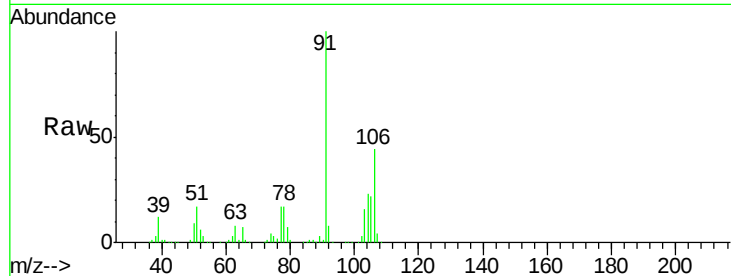
#69
o-Xylene
Concen: 51.273 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
271862	106	100			
	91	224.9		112.7	338.0

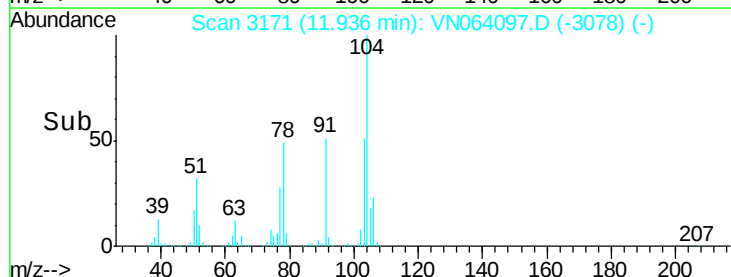
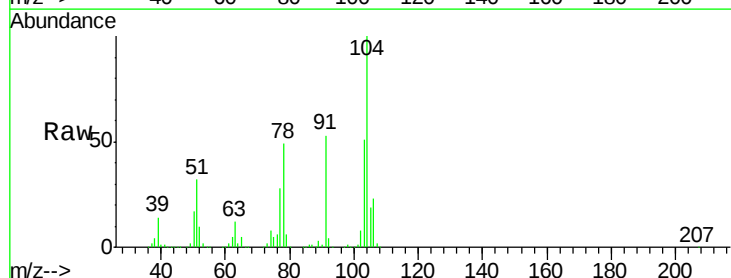
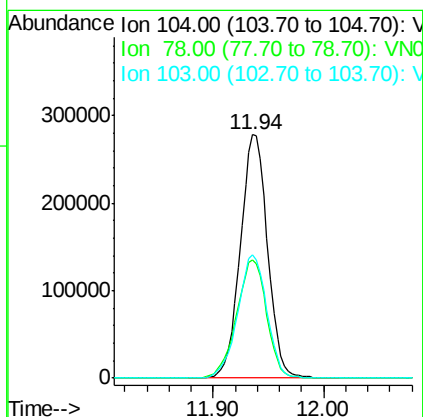
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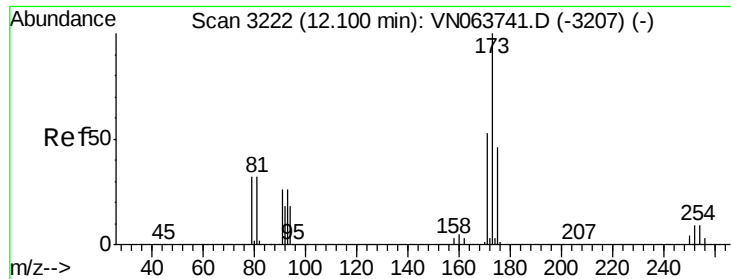
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#70
Styrene
Concen: 52.804 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
475262	104	100			
	78	53.6		44.1	66.1
	103	54.5		44.3	66.5





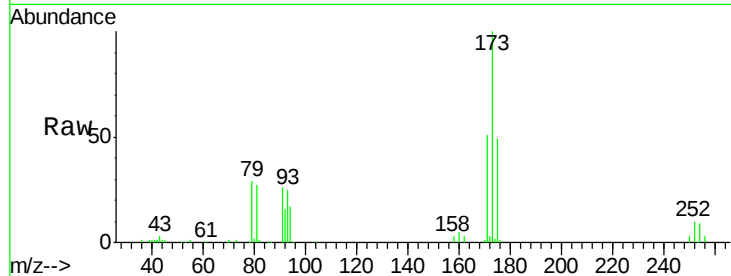
#71
Bromoform
Concen: 51.159 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

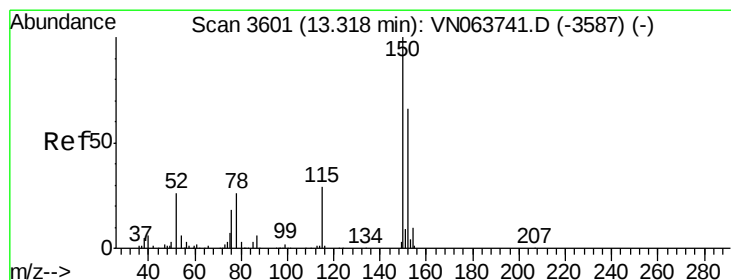
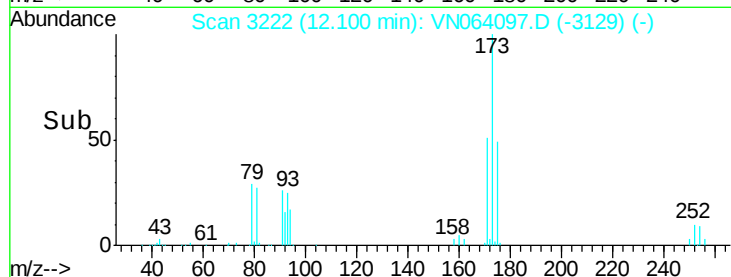
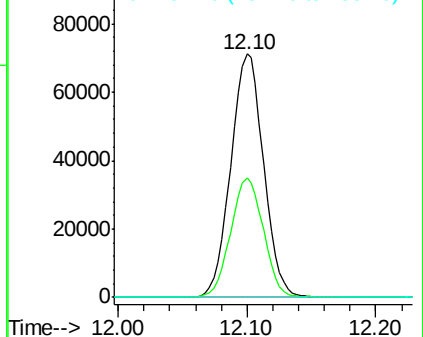
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.9	23.5	70.5
254	0.0	0.0	0.0

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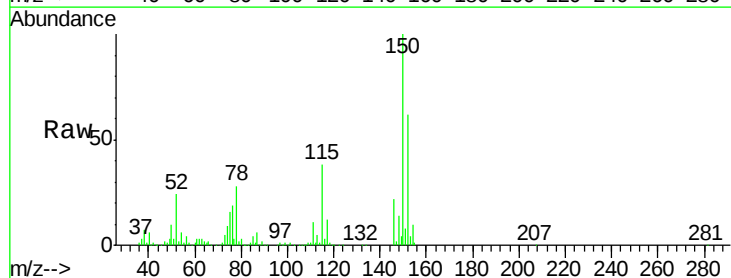


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

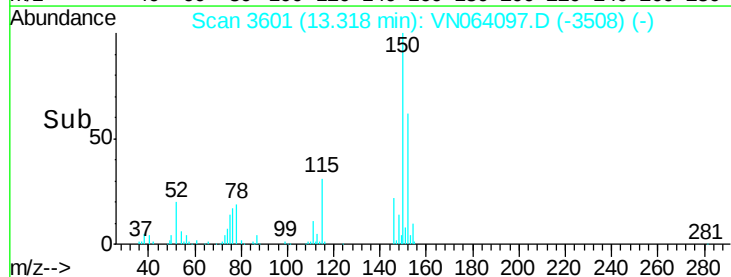
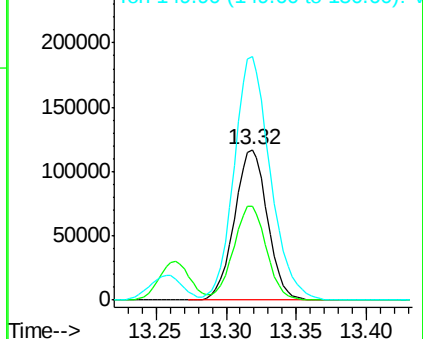


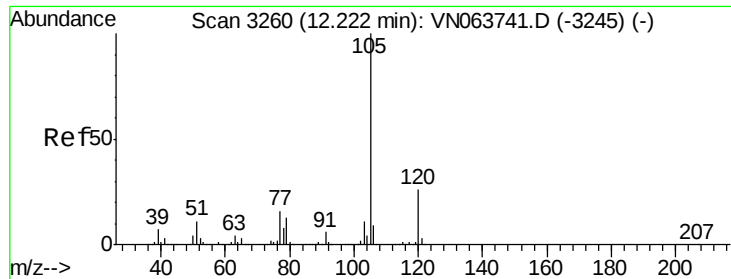
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.3	93.8
150	176.6	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: 52.595 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 737158

Ion Ratio Lower Upper

105 100

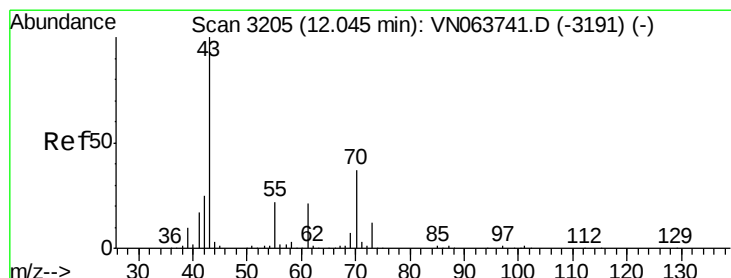
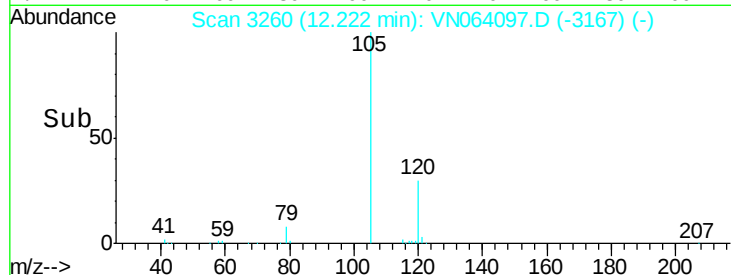
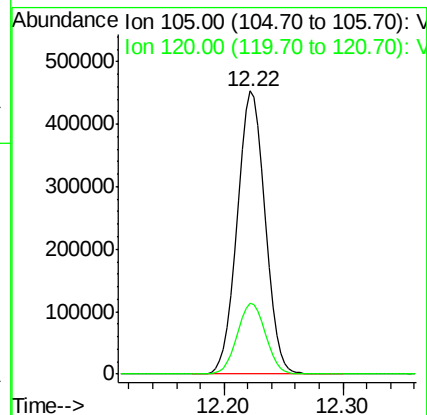
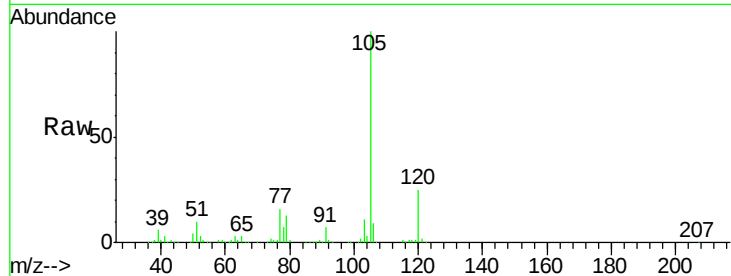
120 25.5 12.6 37.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 54.197 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Tgt Ion: 43 Resp: 354321

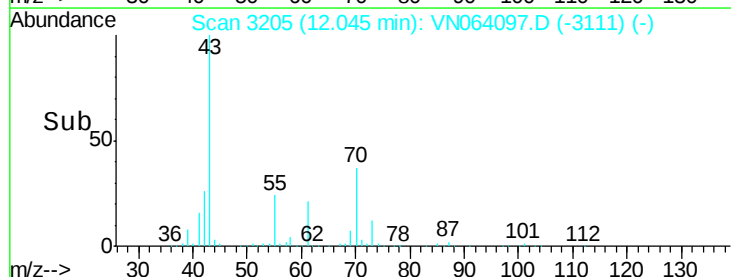
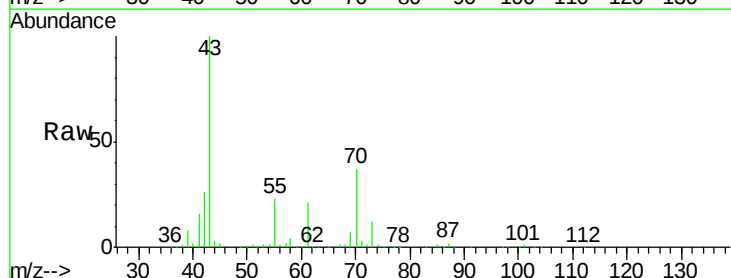
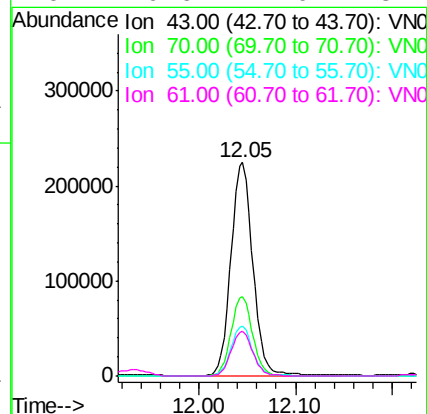
Ion Ratio Lower Upper

43 100

70 36.7 29.8 44.8

55 23.2 17.9 26.9

61 20.6 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 55.196 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 236563

Ion Ratio Lower Upper

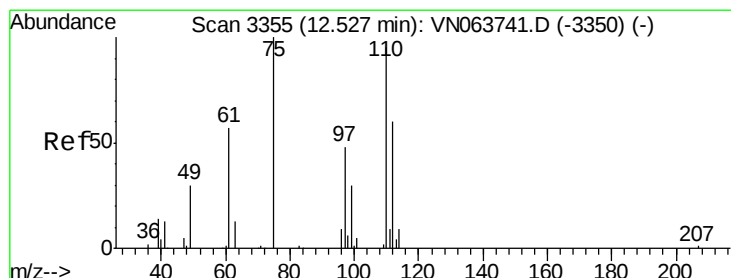
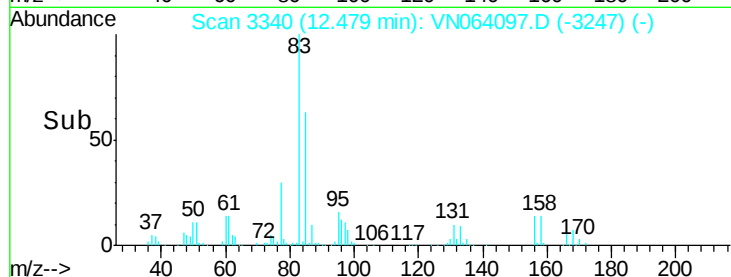
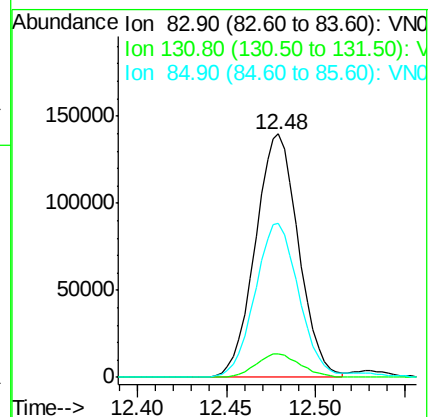
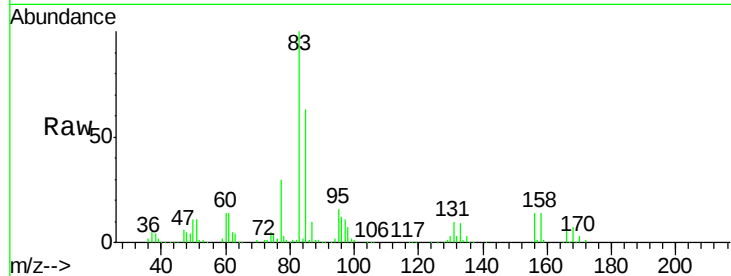
83 100

131 10.0 5.3 15.8

85 64.0 31.3 93.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.901 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064097.D

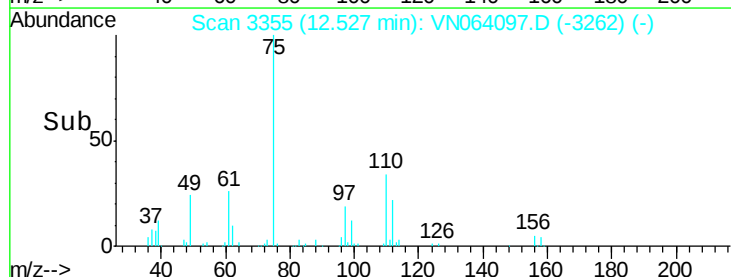
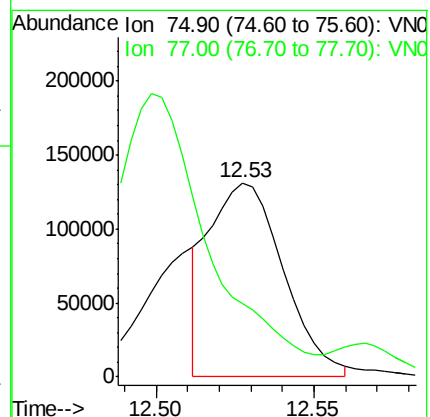
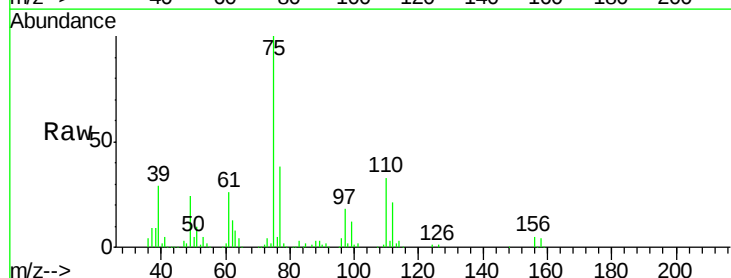
Acq: 13 Oct 2020 12:41

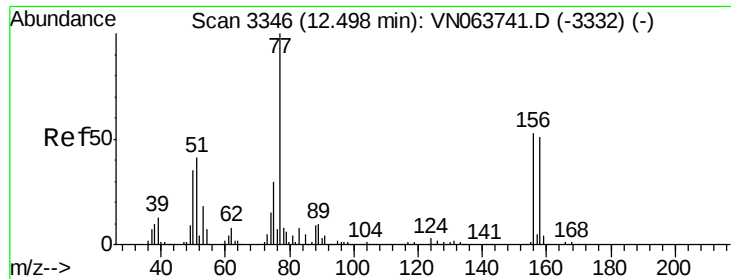
Tgt Ion: 75 Resp: 215612

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.231 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

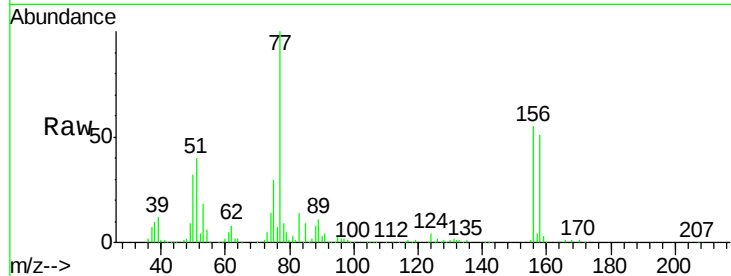
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	224.0	110.9	332.7
158	96.3	47.7	143.1

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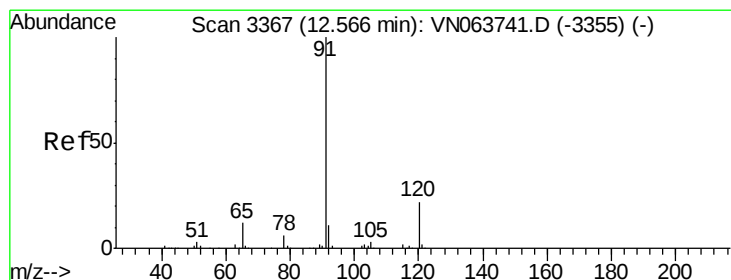
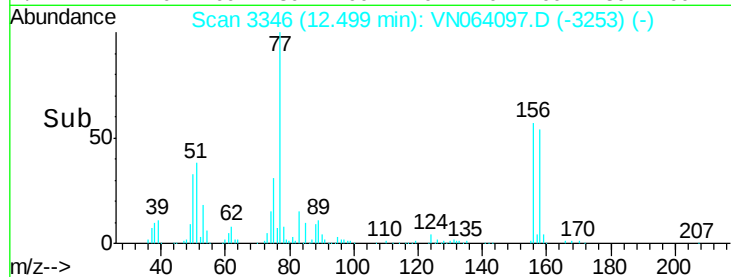
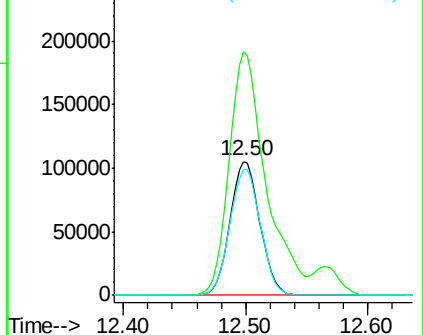


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.242 ug/l

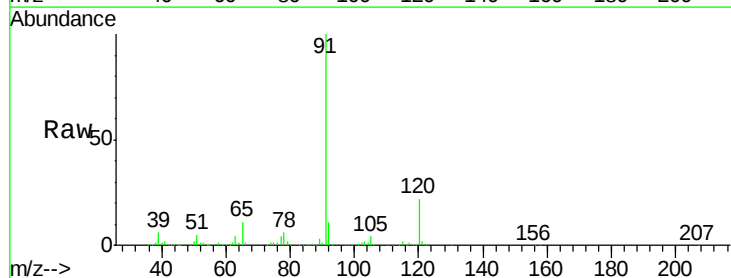
RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

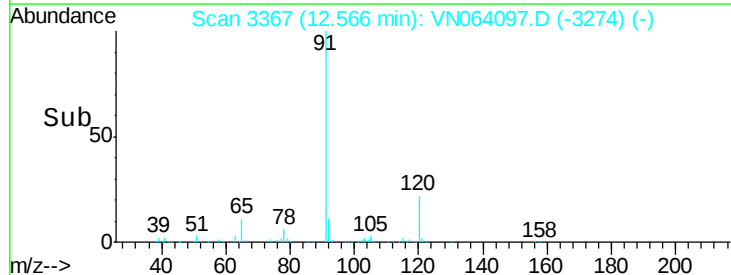
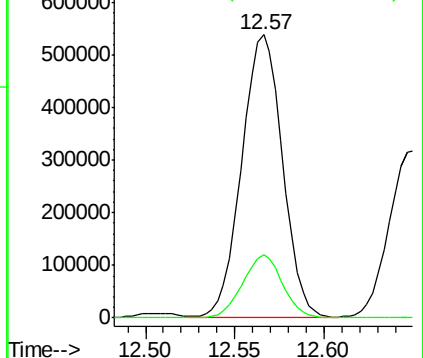
Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.1	33.1

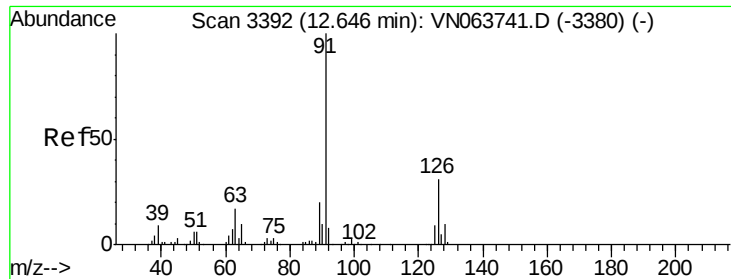


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





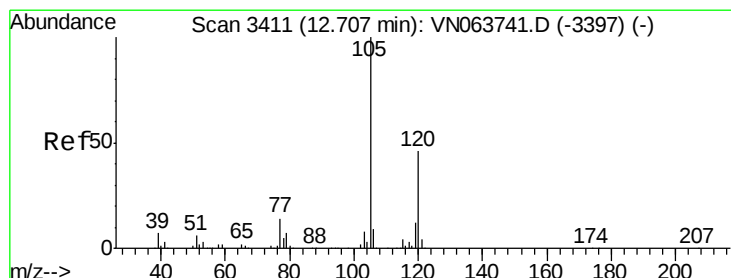
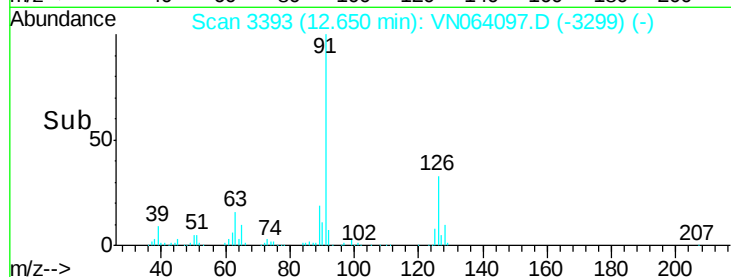
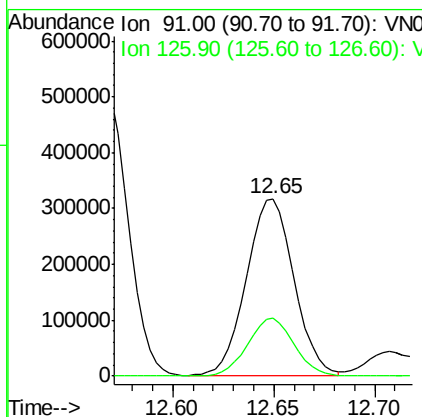
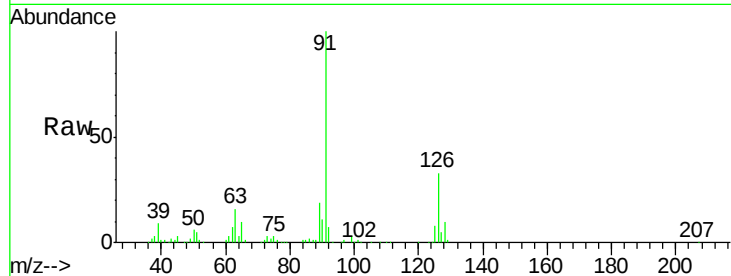
#79
 2-Chlorotoluene
 Concen: 51.887 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 520517
 Ion Ratio Lower Upper
 91 100
 126 32.3 15.9 47.7

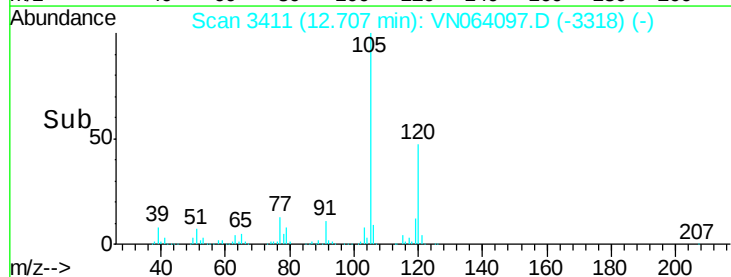
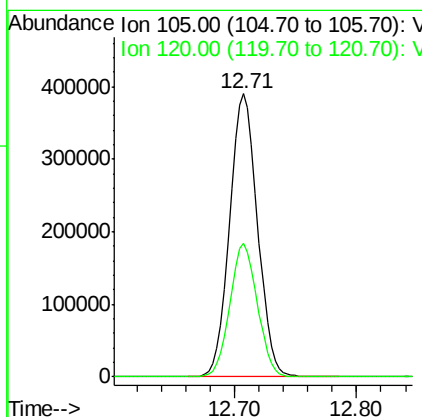
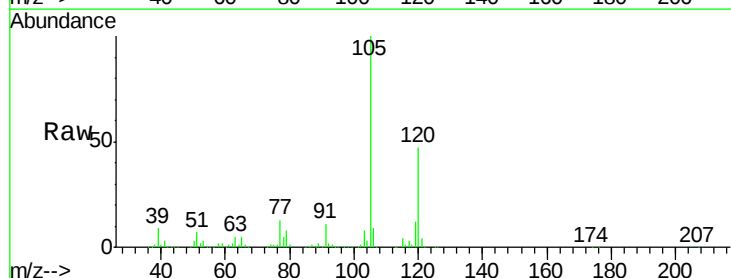
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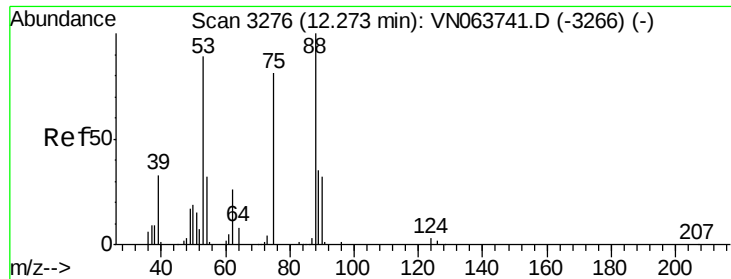
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#80
 1,3,5-Trimethylbenzene
 Concen: 52.730 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Tgt Ion: 105 Resp: 620027
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.3 69.9





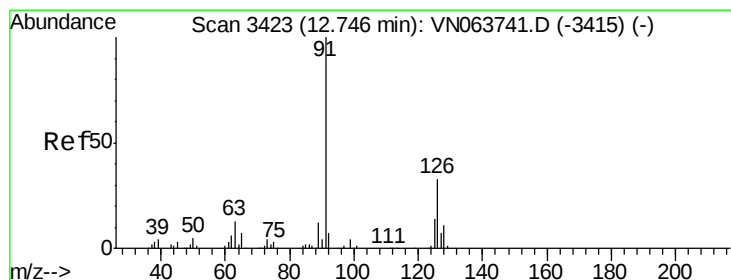
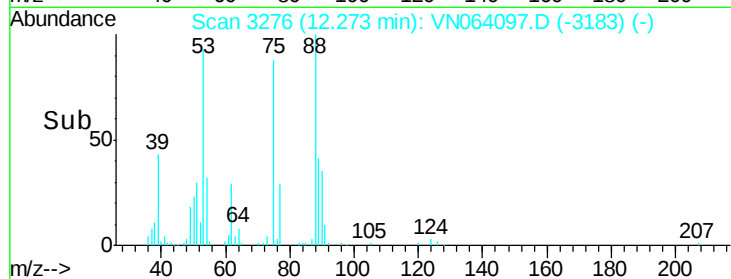
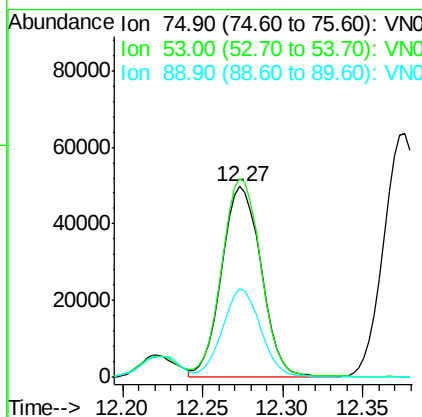
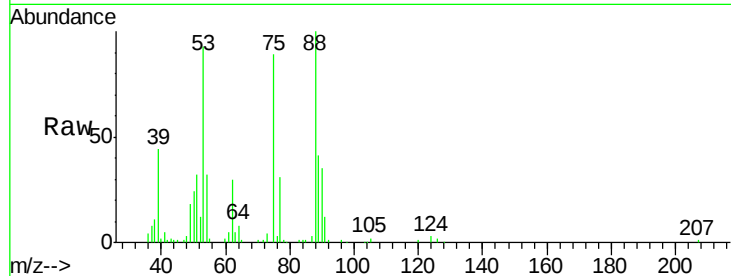
#81
trans-1,4-Dichloro-2-butene
Concen: 56.686 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.9	88.2	132.2
89	45.4	36.0	54.0

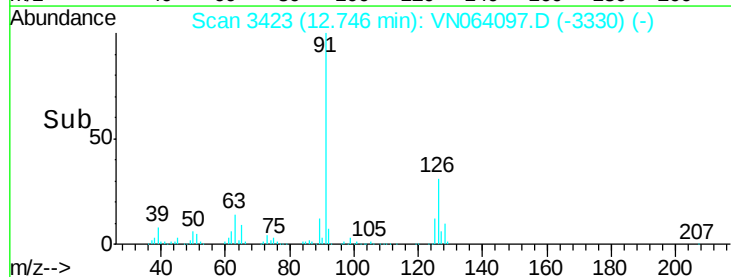
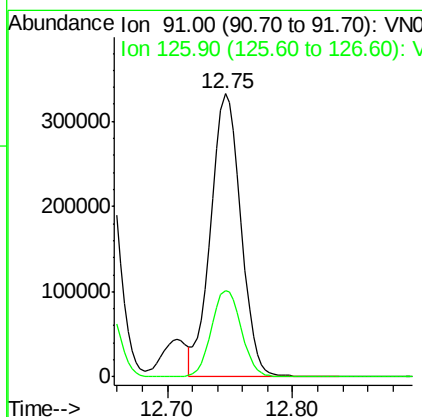
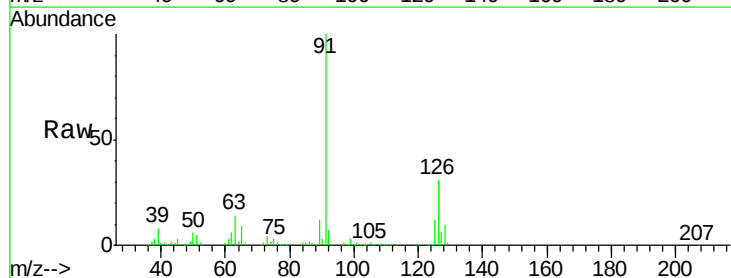
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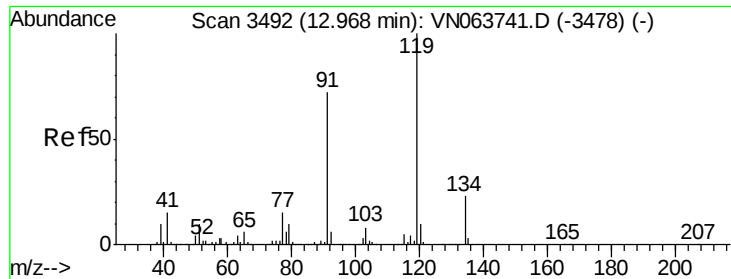
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#82
4-Chlorotoluene
Concen: 53.022 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.4	46.2





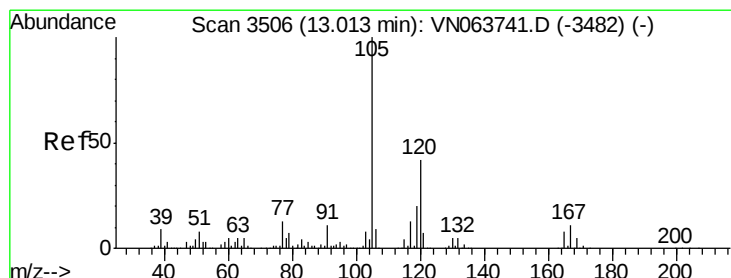
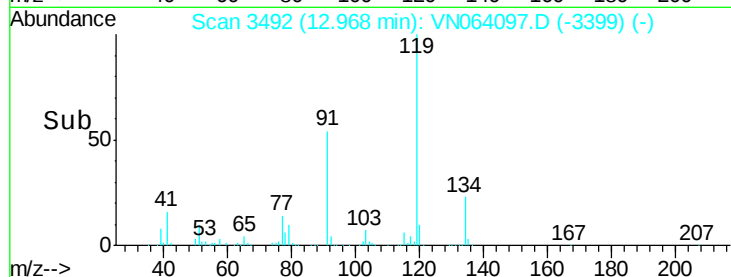
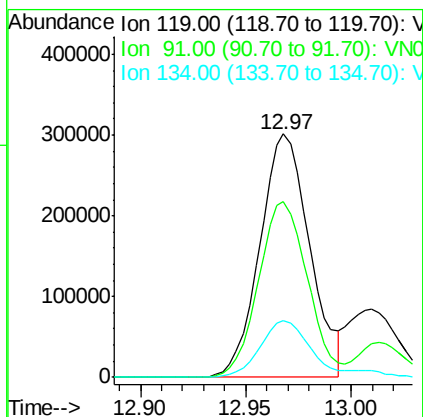
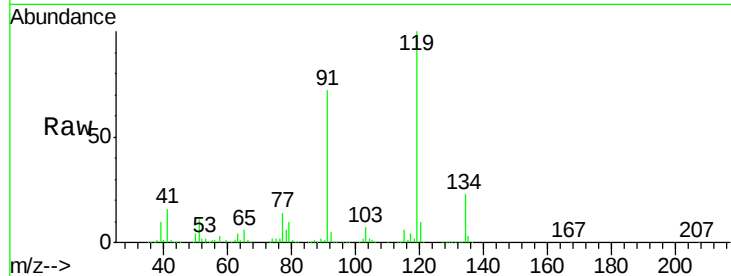
#83
tert-Butylbenzene
Concen: 51.531 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.2	35.5	106.5
134	23.1	11.7	35.1

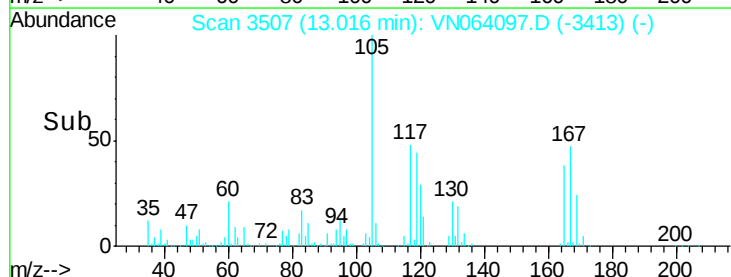
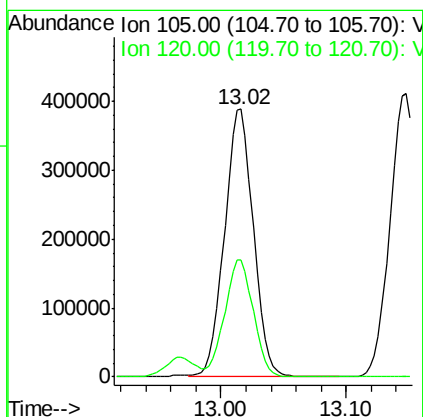
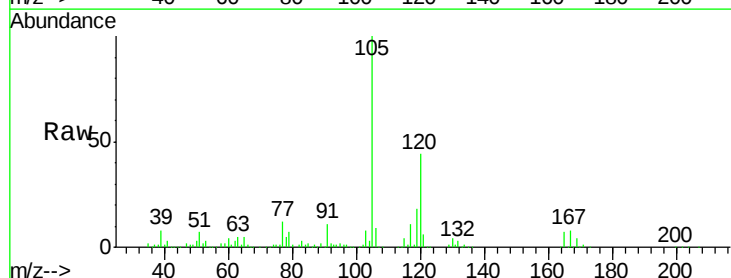
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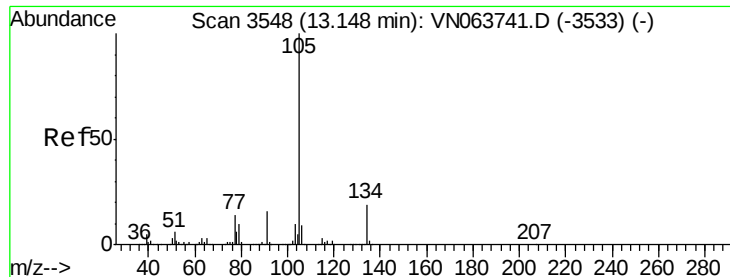
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#84
1,2,4-Trimethylbenzene
Concen: 52.774 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.7	20.9	62.7





#85

sec-Butylbenzene

Concen: 52.182 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 659210

Ion Ratio Lower Upper

105 100

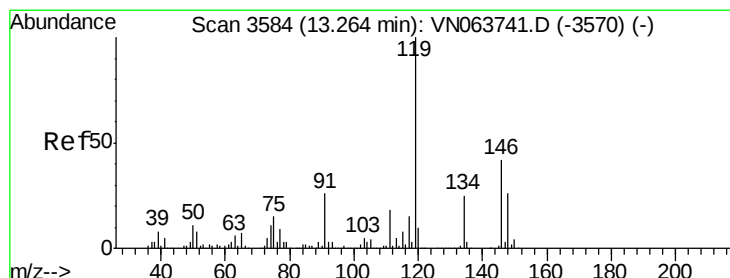
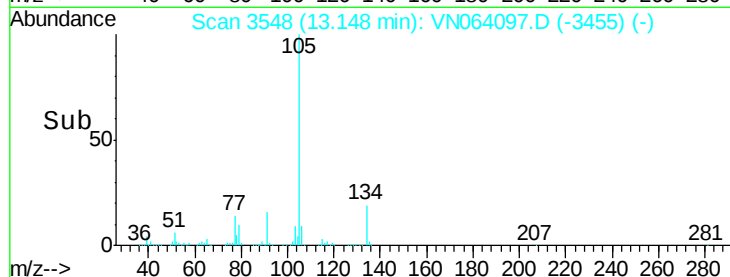
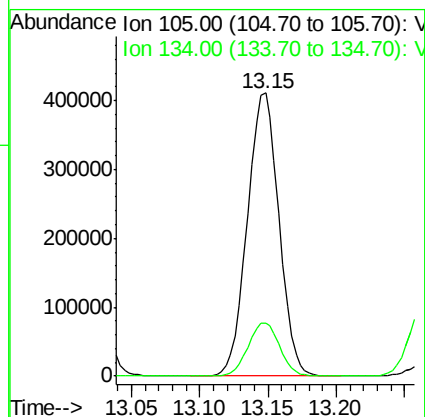
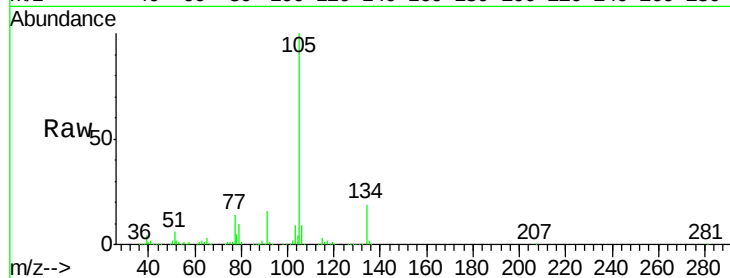
134 18.9 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 52.588 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064097.D

Acq: 13 Oct 2020 12:41

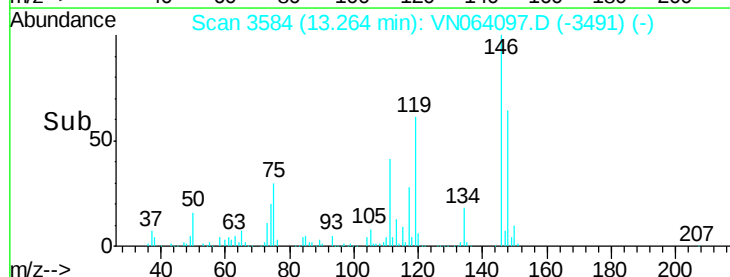
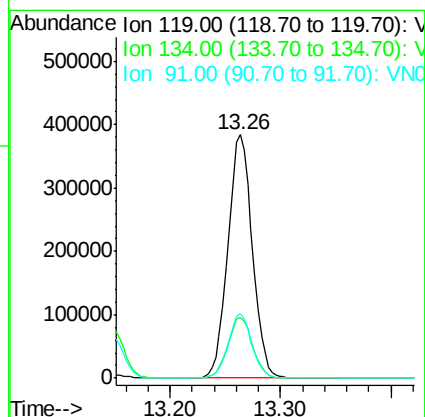
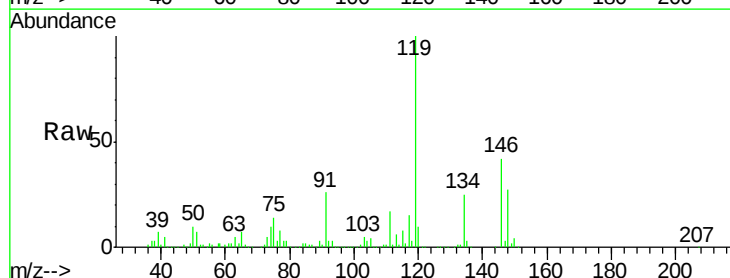
Tgt Ion:119 Resp: 587706

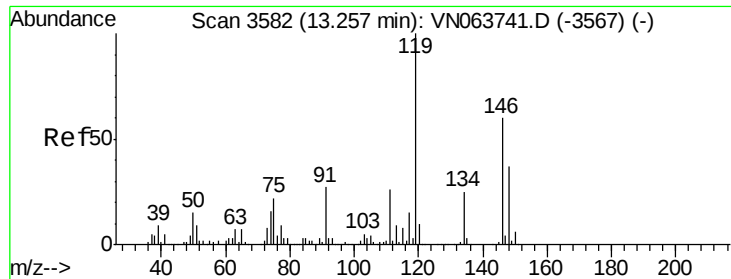
Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 25.5 13.4 40.2





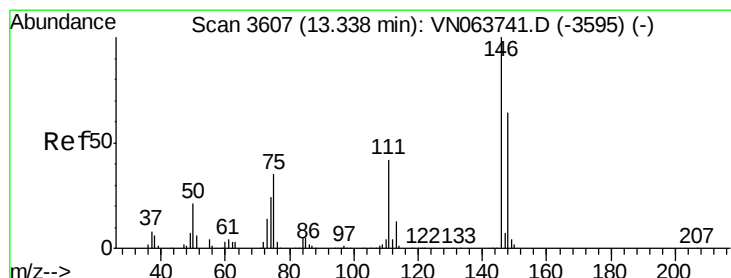
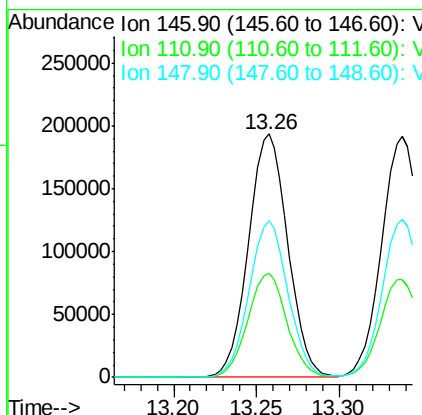
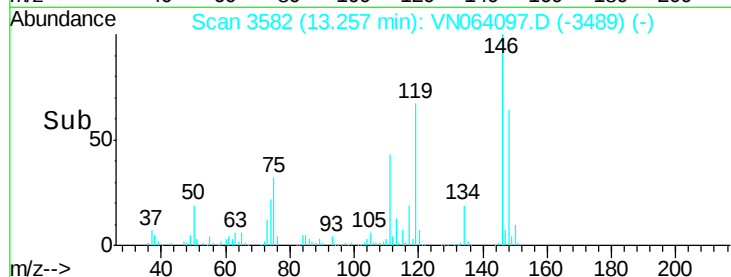
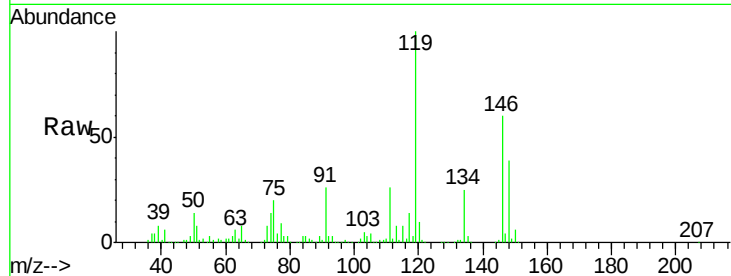
#87
 1,3-Dichlorobenzene
 Concen: 51.299 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	319171		
111	42.4	21.5	64.5	
148	63.8	31.1	93.3	

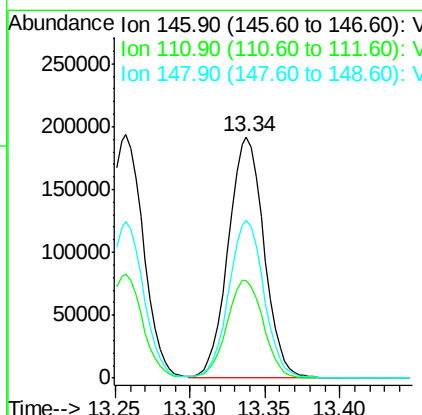
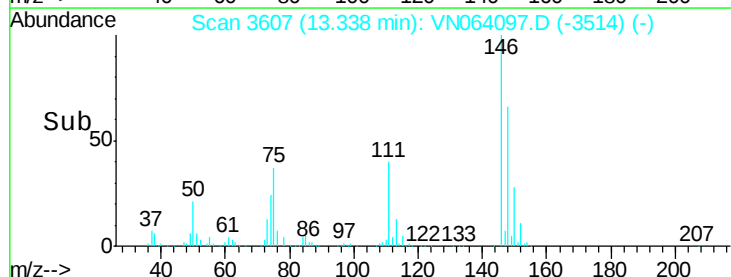
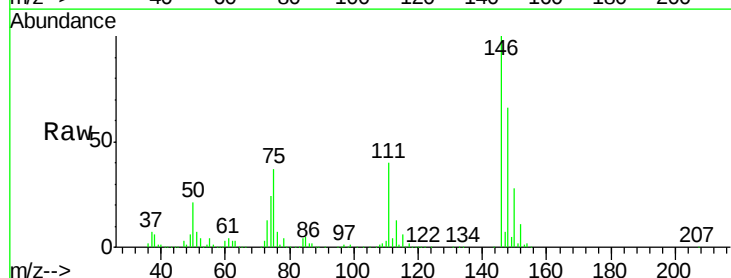
Manual Integrations
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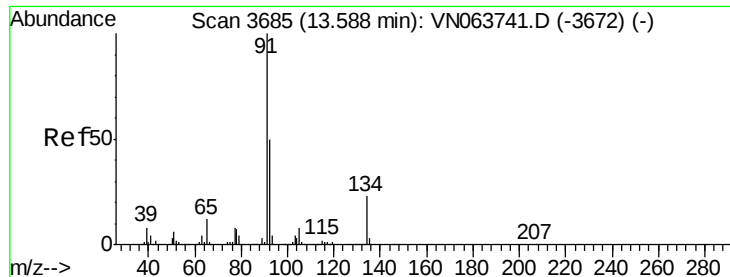
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#88
 1,4-Dichlorobenzene
 Concen: 48.943 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	317062		
111	41.5	21.3	63.7	
148	64.9	32.0	96.0	





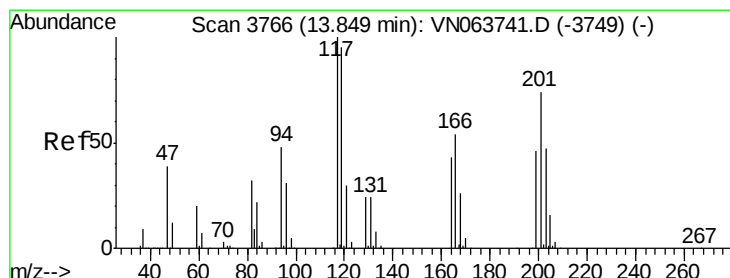
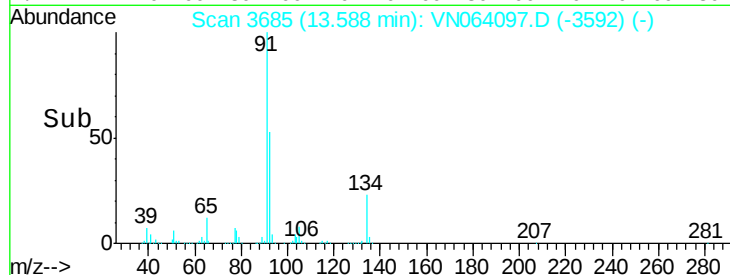
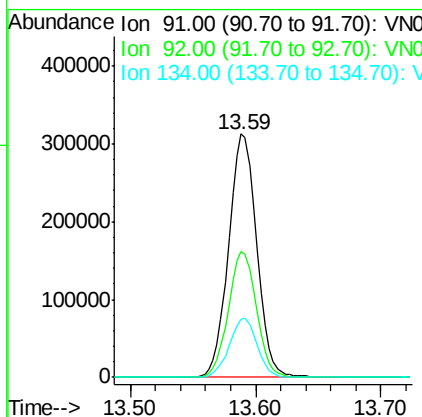
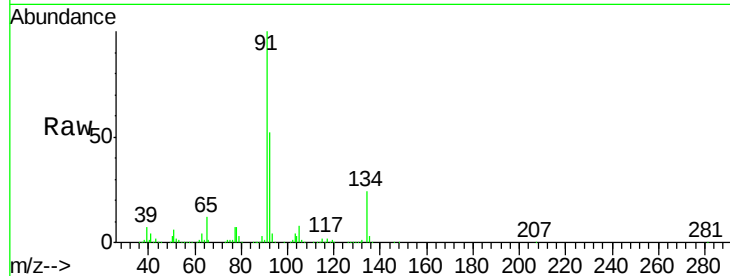
#89
n-Butylbenzene
Concen: 47.139 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	25.4	76.4
134	24.1	11.7	35.1

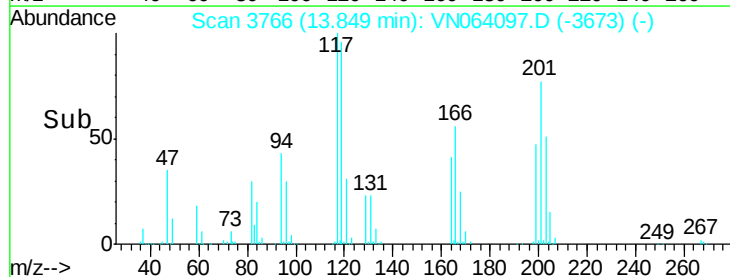
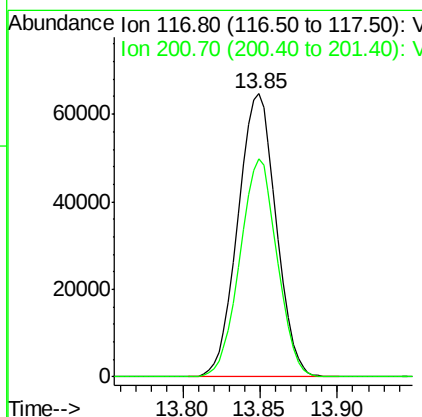
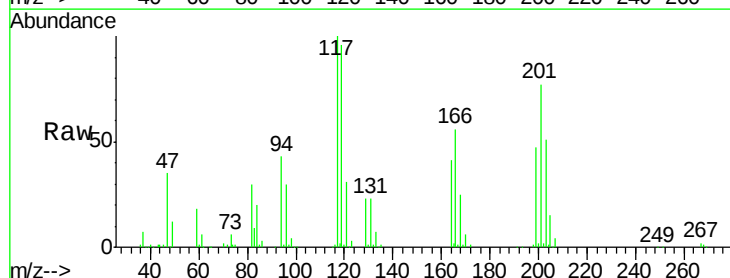
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#90
Hexachloroethane
Concen: 51.381 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.7	36.0	108.0





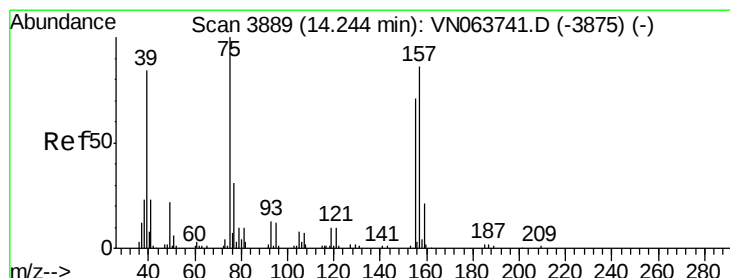
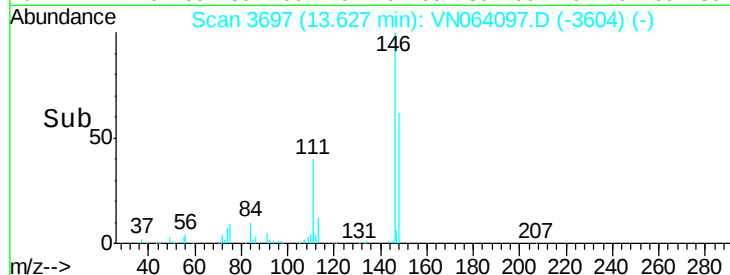
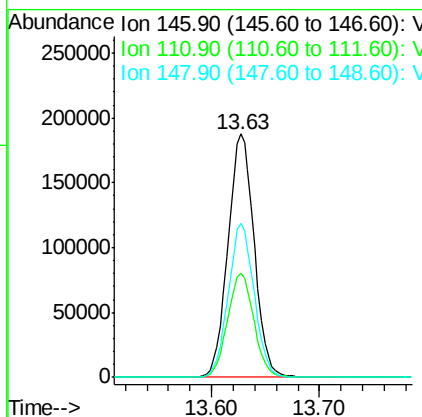
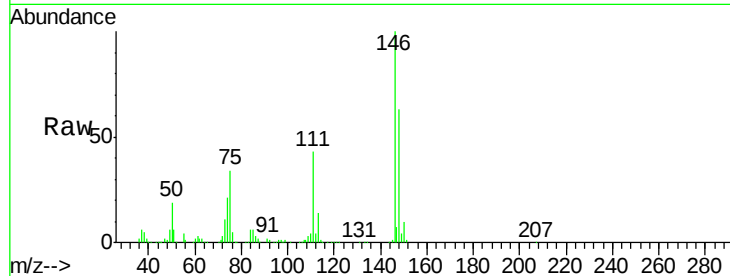
#91
 1,2-Dichlorobenzene
 Concen: 51.560 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	22.2	66.6
148	62.5	32.5	97.4

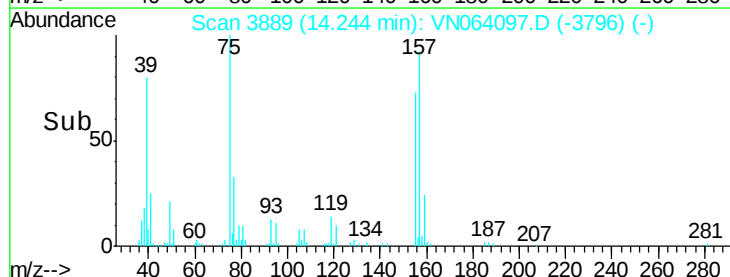
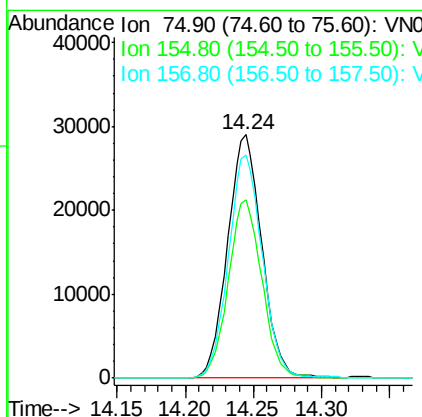
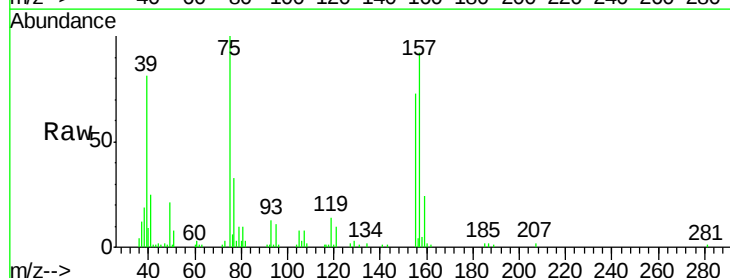
Manual Integrations
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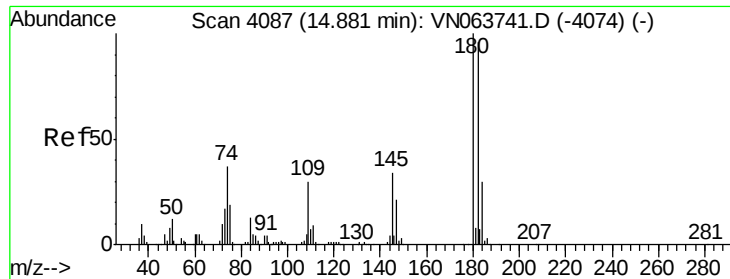
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.341 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.7	34.8	104.5
157	90.8	43.7	131.1





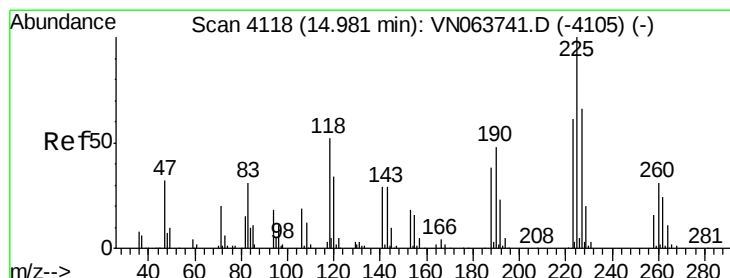
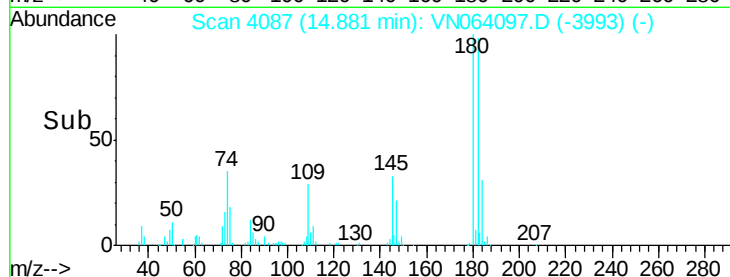
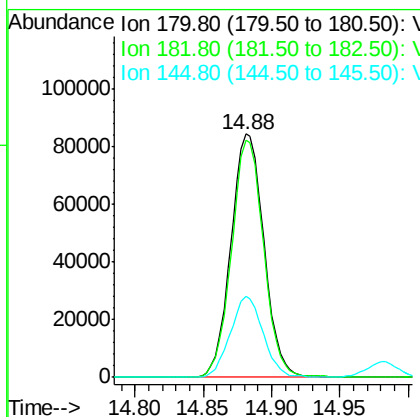
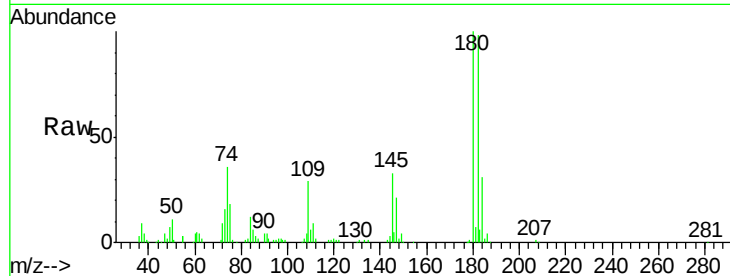
#93
 1,2,4-Trichlorobenzene
 Concen: 42.451 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	141342		
182	95.0	48.2	144.6	
145	33.3	17.1	51.2	

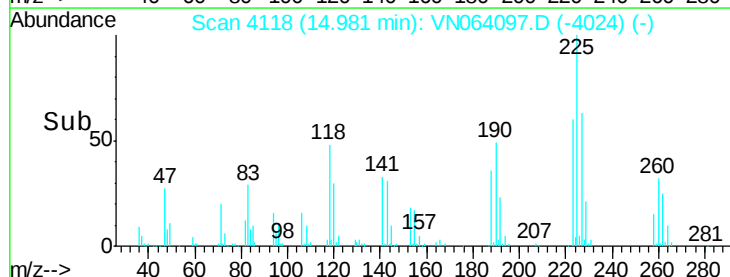
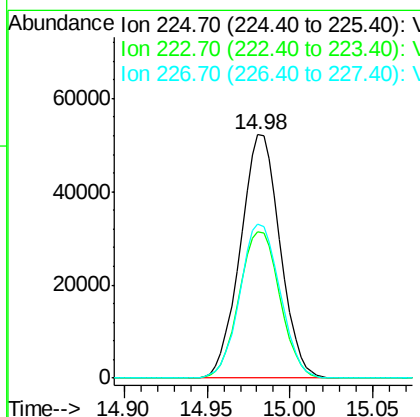
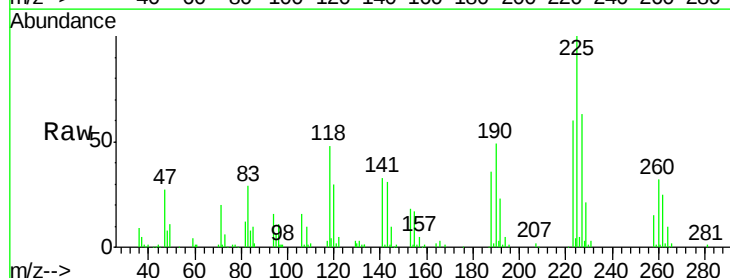
Manual Integrations
 APPROVED

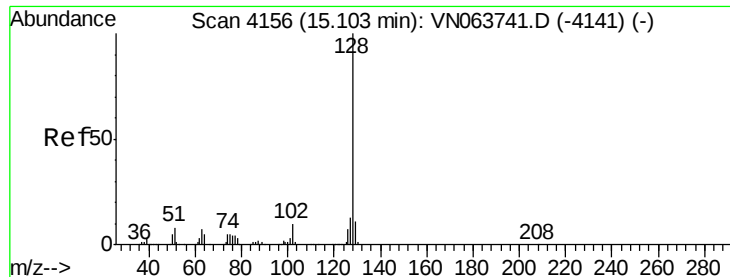
MMDadoda
 10/14/2020 2:09:09 PM



#94
 Hexachlorobutadiene
 Concen: 51.956 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064097.D
 Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	86817		
223	61.8	30.3	91.0	
227	64.1	31.9	95.5	





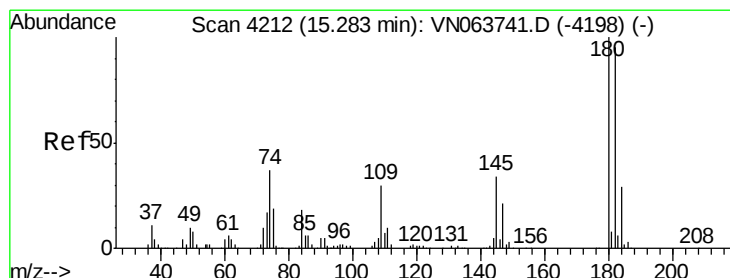
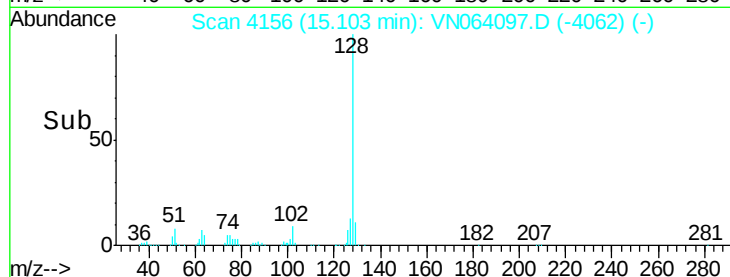
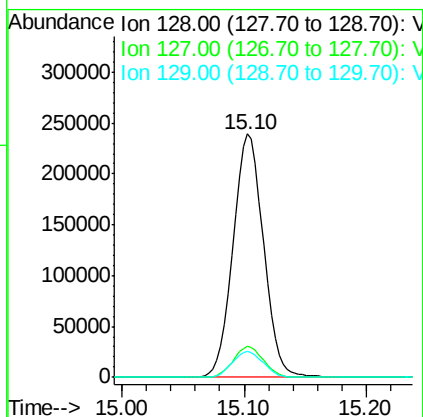
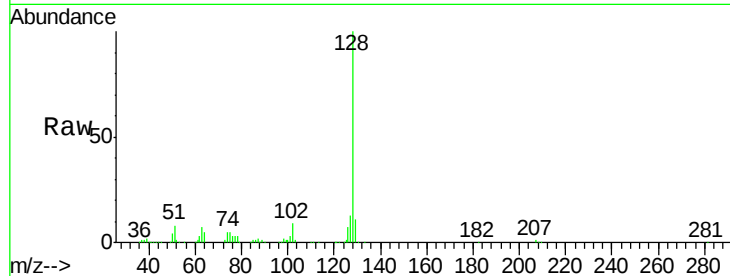
#95
Naphthalene
Concen: 40.321 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.5	15.7
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/14/2020 2:09:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 44.251 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064097.D
Acq: 13 Oct 2020 12:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.9	143.6
145	33.7	17.2	51.5

