

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062520\
 Data File : VN062100.D
 Acq On : 25 Jun 2020 10:18
 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
 6/26/2020 7:00:52 PM

Quant Time: Jun 26 05:46:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	257894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	449438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	428671	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	207585	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	170270	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.54	113	138080	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.06	98	558671	48.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.94%	
62) 4-Bromofluorobenzene	12.37	95	194532	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	139402	47.822	ug/l	99
3) Chloromethane	2.03	50	172183	50.177	ug/l	99
4) Vinyl Chloride	2.16	62	213566	46.522	ug/l	99
5) Bromomethane	2.52	94	127025	42.814	ug/l	97
6) Chloroethane	2.66	64	148757	47.437	ug/l	99
7) Trichlorofluoromethane	2.98	101	264466	46.754	ug/l	97
8) Diethyl Ether	3.37	74	95550	48.375	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.71	101	141261	47.689	ug/l	99
10) Methyl Iodide	3.91	142	152358	45.671	ug/l	100
11) Tert butyl alcohol	4.73	59	114114	219.608	ug/l	99
12) 1,1-Dichloroethene	3.69	96	140412	47.417	ug/l	99
13) Acrolein	3.56	56	106968	210.259	ug/l	100
14) Allyl chloride	4.27	41	196491	48.737	ug/l	98
15) Acrylonitrile	4.92	53	327698	231.425	ug/l	100
16) Acetone	3.77	43	306744	270.353	ug/l	98
17) Carbon Disulfide	4.00	76	411334	48.497	ug/l	100
18) Methyl Acetate	4.27	43	127411	44.286	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	465243	49.167	ug/l	100
20) Methylene Chloride	4.50	84	166061	49.983	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	156423	46.369	ug/l	95
22) Diisopropyl ether	5.90	45	447178	48.713	ug/l	98
23) Vinyl Acetate	5.84	43	1849107	246.719	ug/l	100
24) 1,1-Dichloroethane	5.79	63	280824	47.507	ug/l	100
25) 2-Butanone	6.78	43	421827	238.458	ug/l	100
26) 2,2-Dichloropropane	6.77	77	239192	48.558	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	178290	46.968	ug/l	100
28) Bromochloromethane	7.15	49	120440	46.959	ug/l	99
29) Tetrahydrofuran	7.16	42	265070	228.752	ug/l	98
30) Chloroform	7.32	83	289654	48.161	ug/l	98
31) Cyclohexane	7.61	56	235352	47.069	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	242150	47.743	ug/l	99
36) 1,1-Dichloropropene	7.75	75	217471	48.139	ug/l	100
37) Ethyl Acetate	6.88	43	175316	46.866	ug/l	99
38) Carbon Tetrachloride	7.73	117	207730	48.774	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	250674	50.643	ug/l	99
40) Benzene	8.00	78	672628	48.850	ug/l	98
41) Methacrylonitrile	7.12	41	71448m	41.199	ug/l	
42) 1,2-Dichloroethane	8.08	62	228341	49.083	ug/l	99
43) Isopropyl Acetate	8.12	43	291863	47.862	ug/l #	88
44) Trichloroethene	8.80	130	166249	47.864	ug/l	98
45) 1,2-Dichloropropane	9.08	63	167863	49.416	ug/l	99
46) Dibromomethane	9.17	93	112046	48.649	ug/l	100
47) Bromodichloromethane	9.37	83	231612	49.805	ug/l	98
48) Methyl methacrylate	9.16	41	133920	48.980	ug/l	99
49) 1,4-Dioxane	9.16	88	57020	940.396	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	867705	243.544	ug/l	99
52) Toluene	10.12	92	430779	51.275	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	260051	50.829	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	284359	52.205	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	166242	50.338	ug/l	98
56) Ethyl methacrylate	10.40	69	230010	52.189	ug/l	100
57) 1,3-Dichloropropane	10.68	76	283164	49.814	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	449340	240.144	ug/l	99
59) 2-Hexanone	10.72	43	645350	250.845	ug/l	99
60) Dibromochloromethane	10.87	129	176974	50.616	ug/l	98
61) 1,2-Dibromoethane	10.98	107	167106	49.245	ug/l	99
64) Tetrachloroethene	10.60	164	135164	46.159	ug/l	97
65) Chlorobenzene	11.40	112	454895	48.323	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	161797	49.705	ug/l	99
67) Ethyl Benzene	11.48	91	816769	51.374	ug/l	100
68) m/p-Xylenes	11.59	106	631273	102.658	ug/l	98
69) o-Xylene	11.92	106	304844	52.542	ug/l	98
70) Styrene	11.94	104	518843	53.621	ug/l	100
71) Bromoform	12.10	173	114482	49.465	ug/l #	98
73) Isopropylbenzene	12.22	105	792983	49.349	ug/l	100
74) N-amyl acetate	12.04	43	269130	45.799	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	239300	44.752	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	211493m	43.279	ug/l	
77) Bromobenzene	12.50	156	185219	46.428	ug/l	98
78) n-propylbenzene	12.56	91	933954	50.813	ug/l	100
79) 2-Chlorotoluene	12.65	91	544352	48.989	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	669092	51.365	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	81397	48.644	ug/l	98
82) 4-Chlorotoluene	12.75	91	566837	49.330	ug/l	100
83) tert-Butylbenzene	12.97	119	544830	48.873	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	663217	50.978	ug/l	100
85) sec-Butylbenzene	13.15	105	747136	50.720	ug/l	100
86) p-Isopropyltoluene	13.26	119	675028	52.305	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	345073	49.259	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	342439	47.422	ug/l	99
89) n-Butylbenzene	13.59	91	576808	53.759	ug/l	100
90) Hexachloroethane	13.85	117	124004	48.973	ug/l	100
91) 1,2-Dichlorobenzene	13.62	146	329890	48.563	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	39650	46.287	ug/l	99

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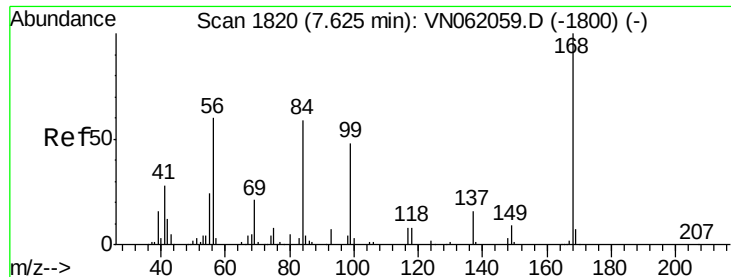
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	160731	54.162	ug/l	99
94) Hexachlorobutadiene	14.98	225	62342	48.368	ug/l	99
95) Naphthalene	15.10	128	448138	45.668	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	158262	52.156	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 257894

Ion Ratio Lower Upper

168 100

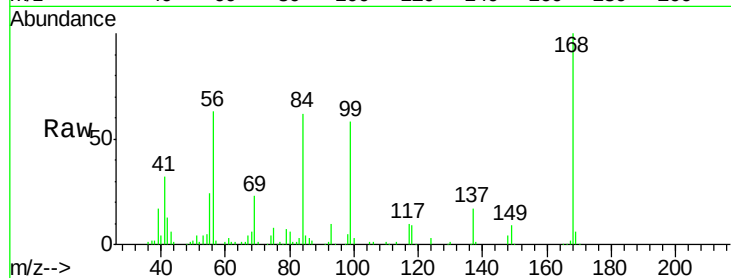
99 57.9 45.8 68.8

Manual Integrations

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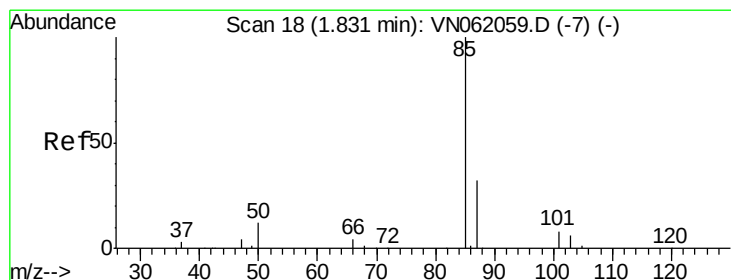
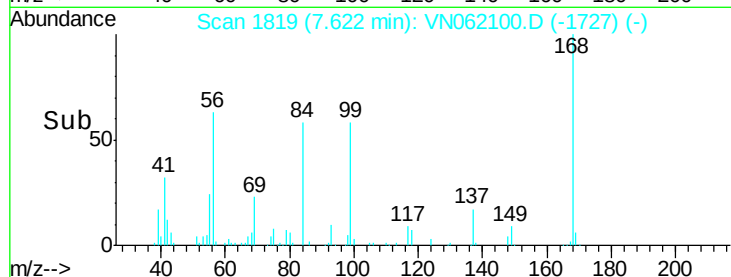
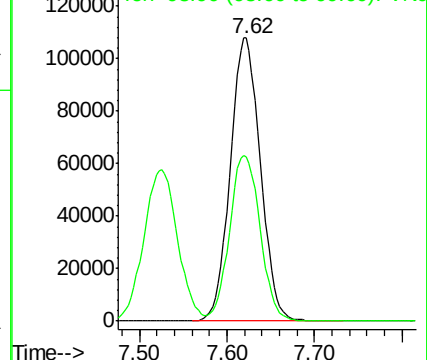
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.822 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062100.D

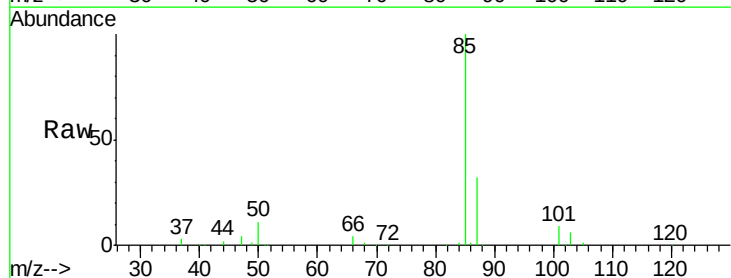
Acq: 25 Jun 2020 10:18

Tgt Ion: 85 Resp: 139402

Ion Ratio Lower Upper

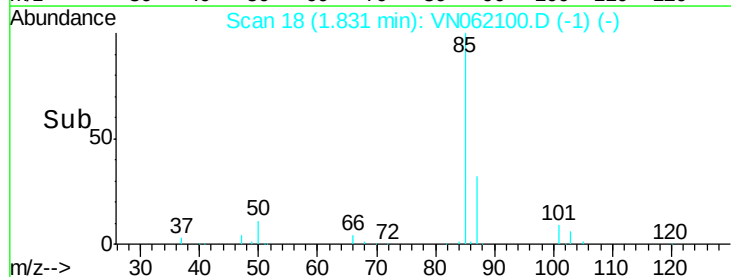
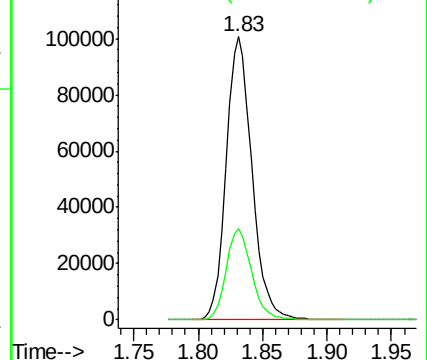
85 100

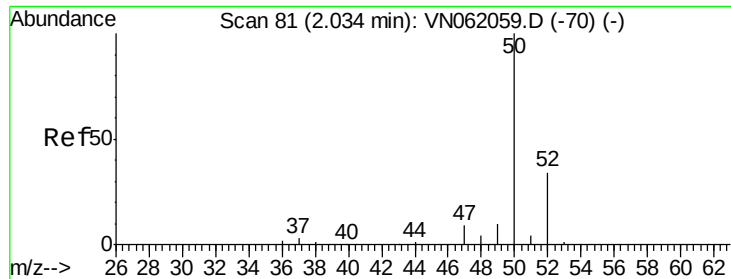
87 32.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 50.177 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 172183

Ion Ratio Lower Upper

50 100

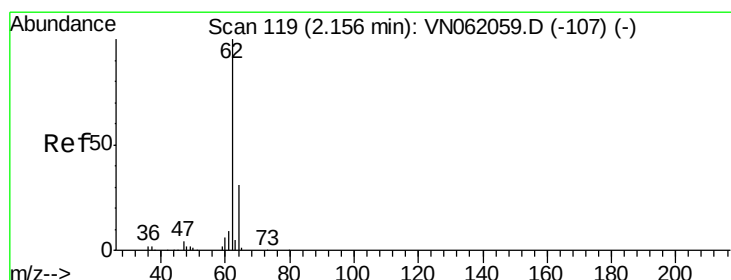
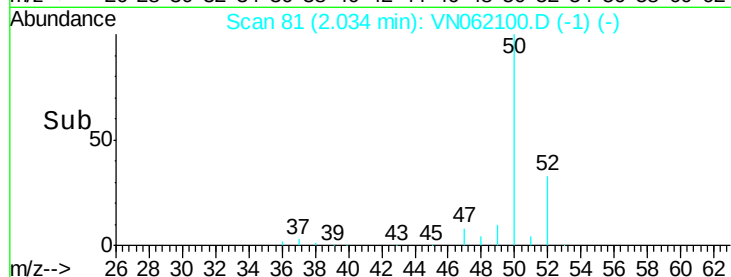
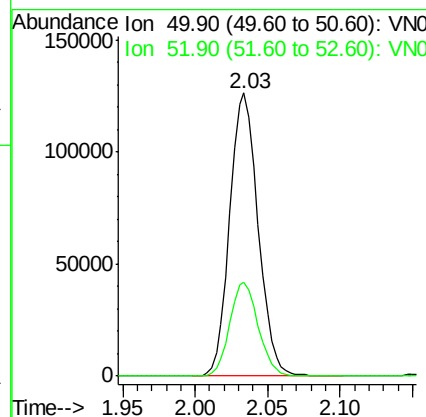
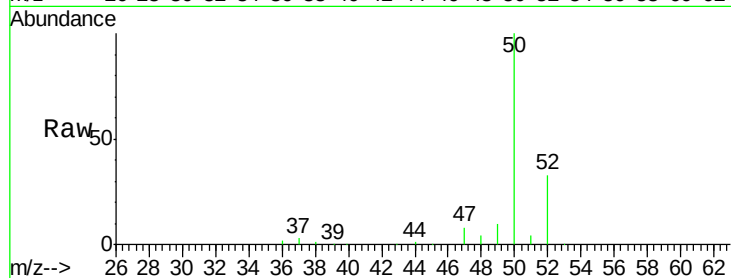
52 33.4 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.522 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062100.D

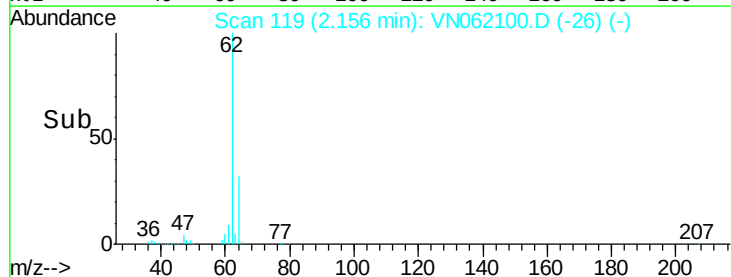
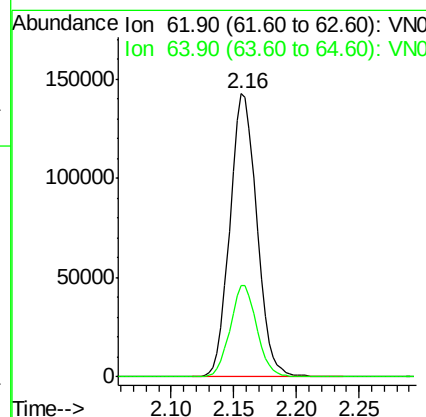
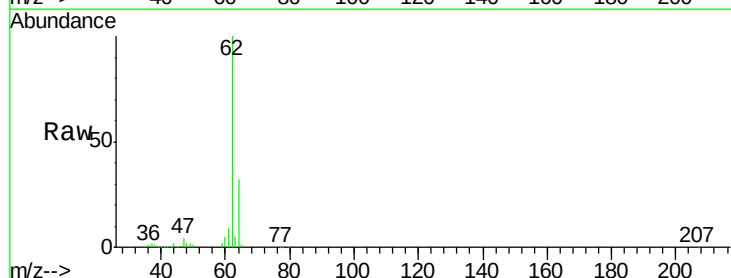
Acq: 25 Jun 2020 10:18

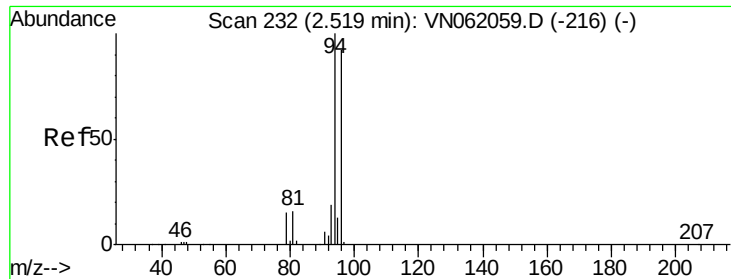
Tgt Ion: 62 Resp: 213566

Ion Ratio Lower Upper

62 100

64 32.2 25.1 37.7





#5

Bromomethane

Concen: 42.814 ug/l

RT: 2.52 min Scan# 233

Delta R.T. 0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 127025

Ion Ratio Lower Upper

94 100

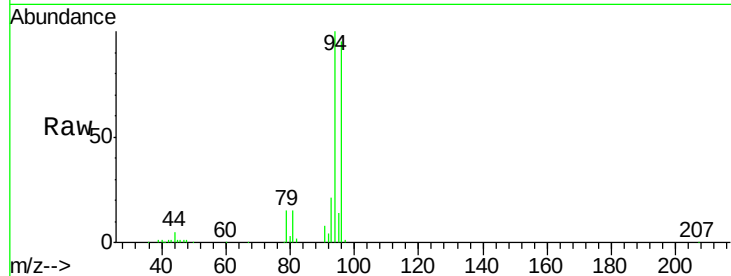
96 94.6 73.4 110.2

Manual Integrations

APPROVED

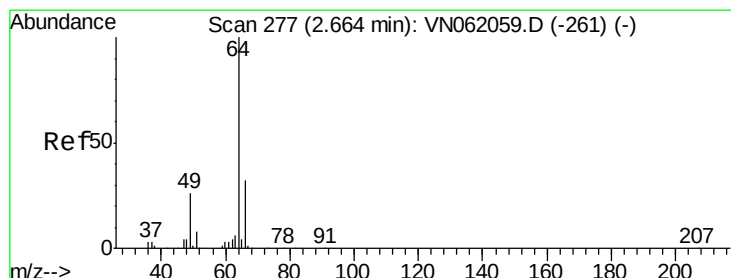
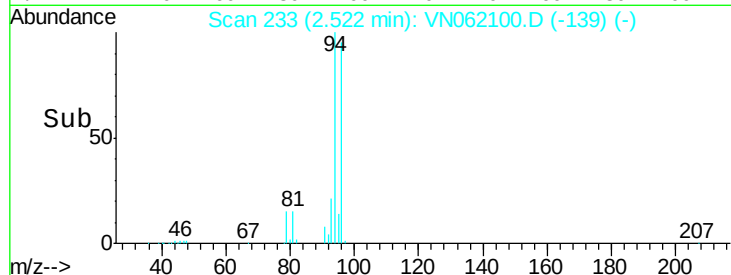
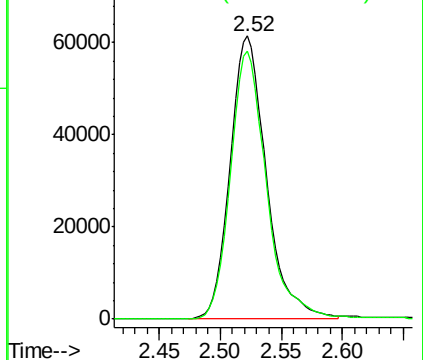
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 47.437 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062100.D

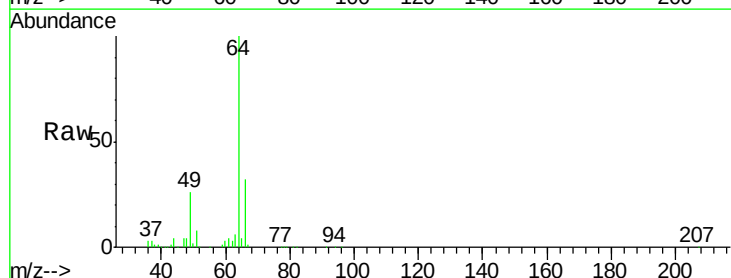
Acq: 25 Jun 2020 10:18

Tgt Ion: 64 Resp: 148757

Ion Ratio Lower Upper

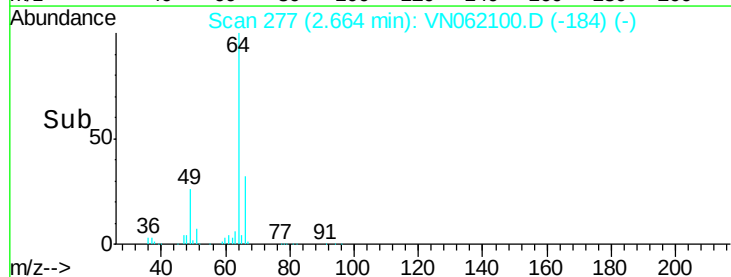
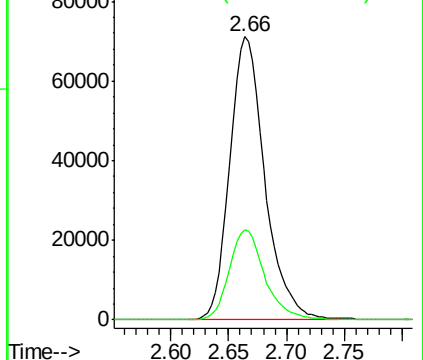
64 100

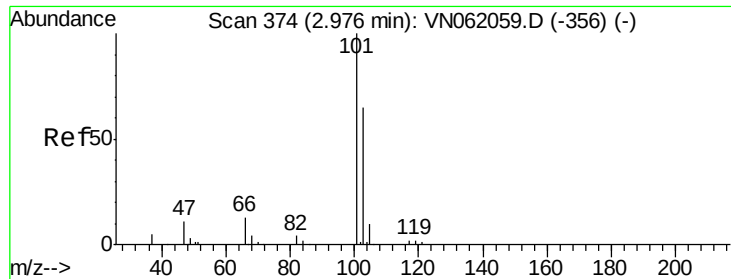
66 31.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

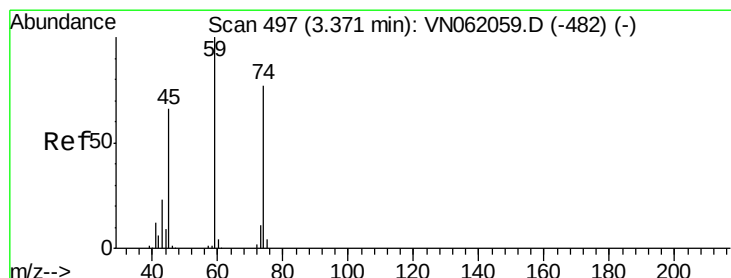
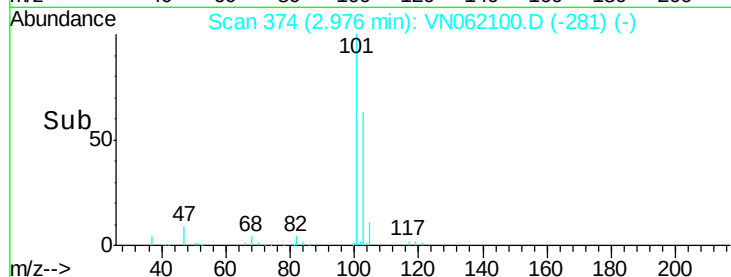
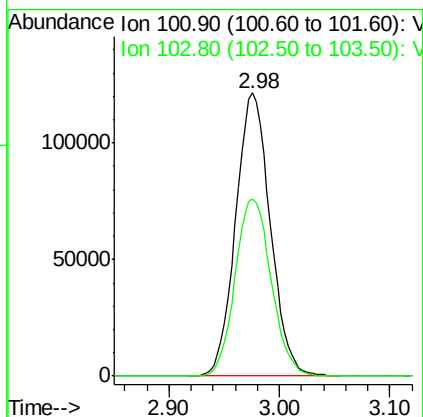
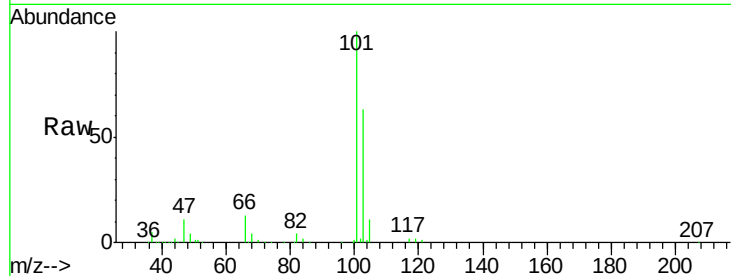
Trichlorofluoromethane
 Concen: 46.754 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		264466		
103	62.5	51.8	77.6		

Manual Integrations
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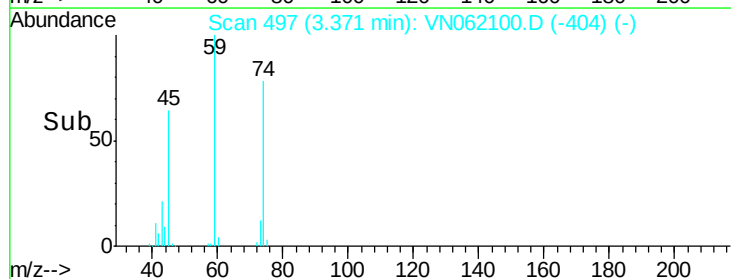
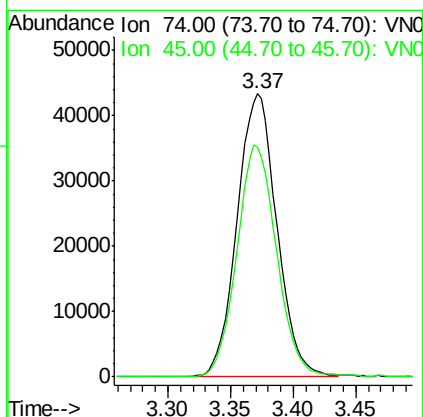
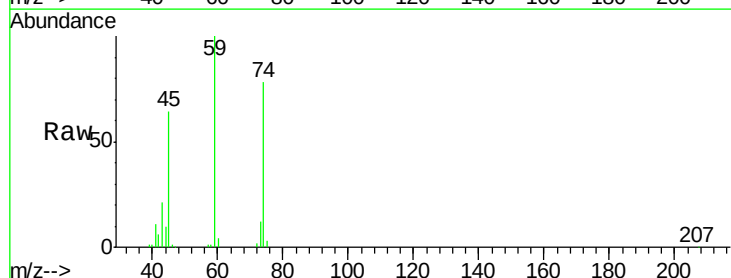
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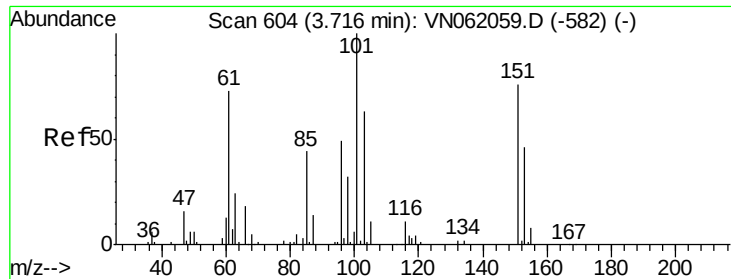


#8

Diethyl Ether
 Concen: 48.375 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		95550		
45	82.0	42.5	127.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.689 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

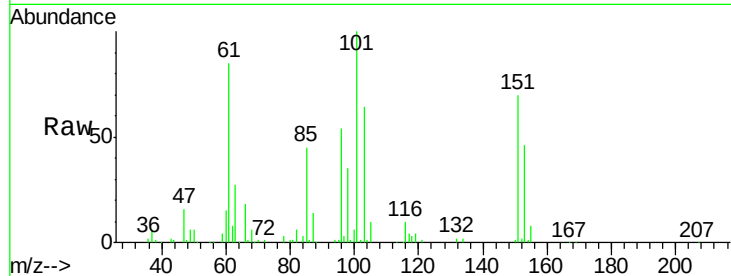
ClientSampleId :

VSTDCCC050

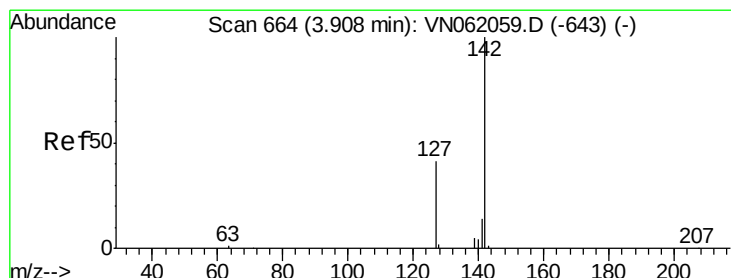
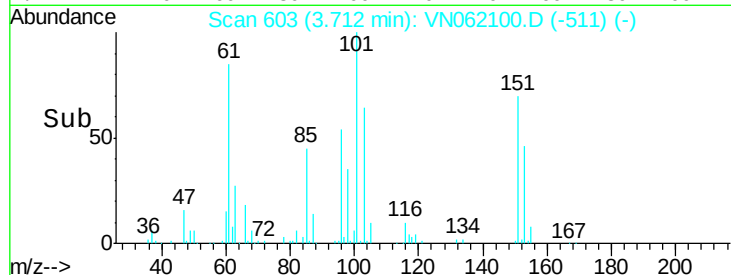
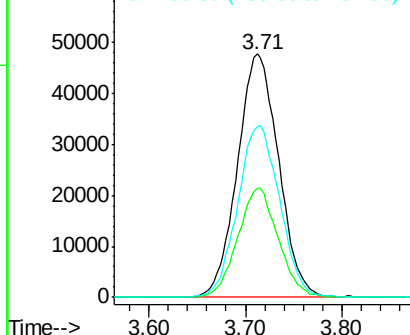
Tot Ion:	101	Resp:	141261
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.5	51.7
151	72.1	57.8	86.8

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



#10

Methyl Iodide

Concen: 45.671 ug/l

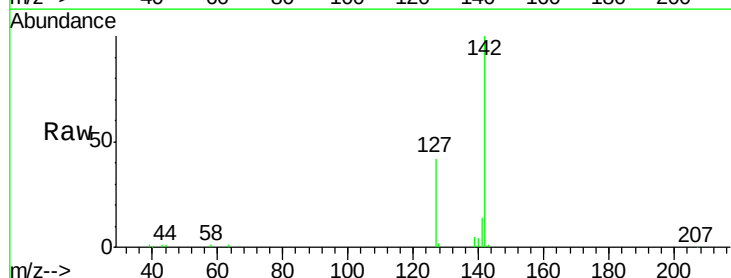
RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

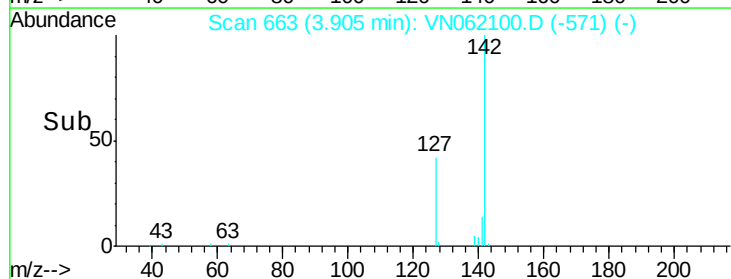
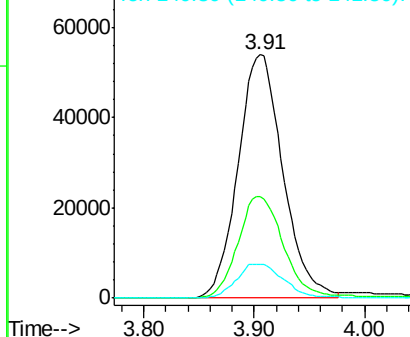
Lab File: VN062100.D

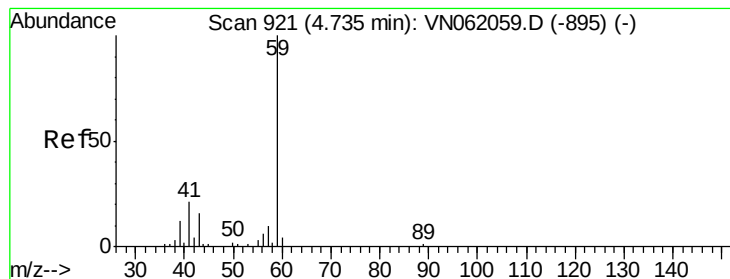
Acq: 25 Jun 2020 10:18

Tgt Ion:	142	Resp:	152358
Ion Ratio	Lower	Upper	
142	100		
127	42.1	33.6	50.4
141	14.7	11.3	16.9



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





#11

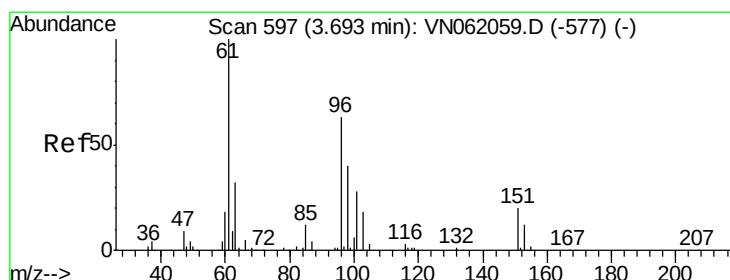
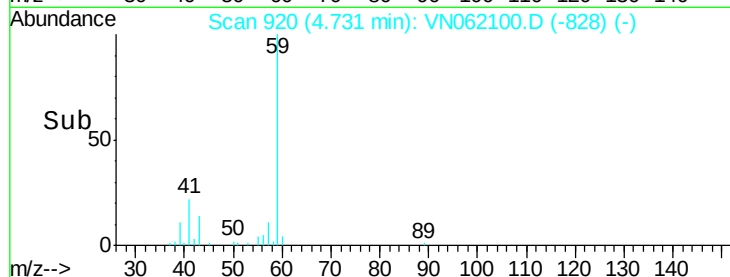
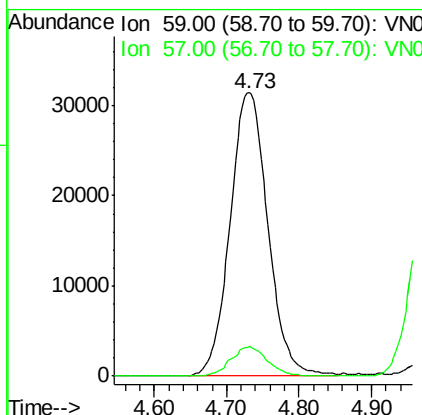
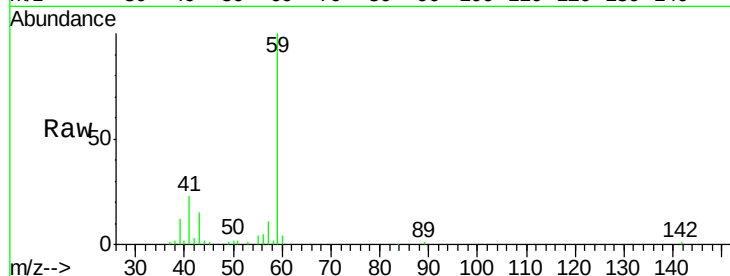
Tert butyl alcohol
 Concen: 219.608 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.3	12.5

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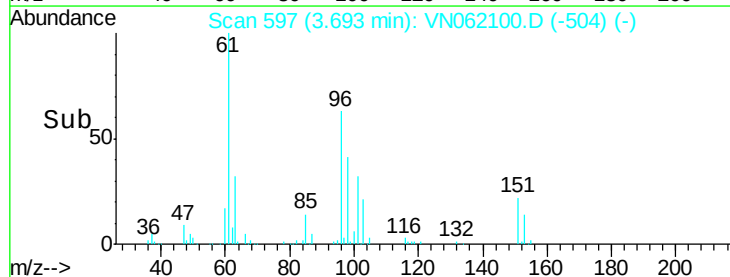
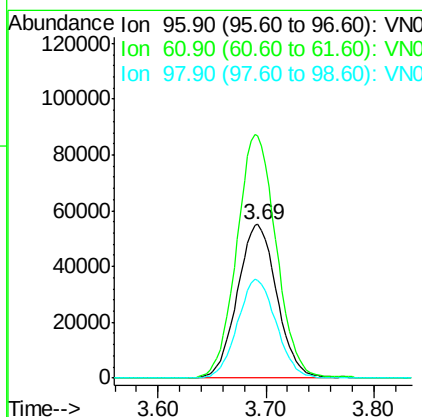
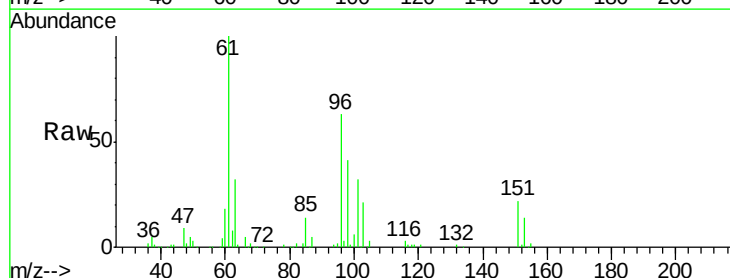
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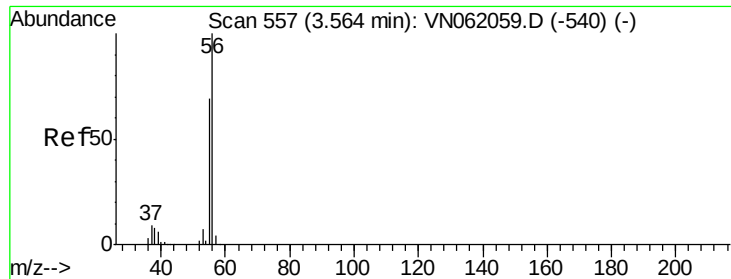


#12

1,1-Dichloroethene
 Concen: 47.417 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.5	126.7	190.1
98	63.8	51.0	76.4





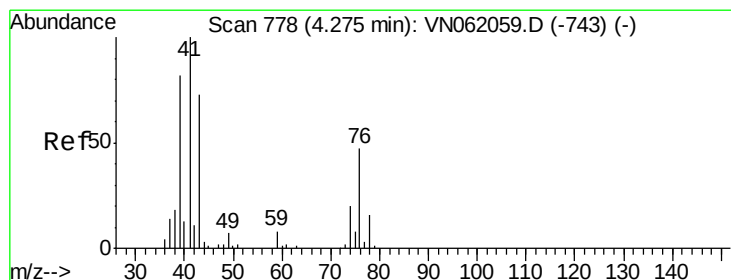
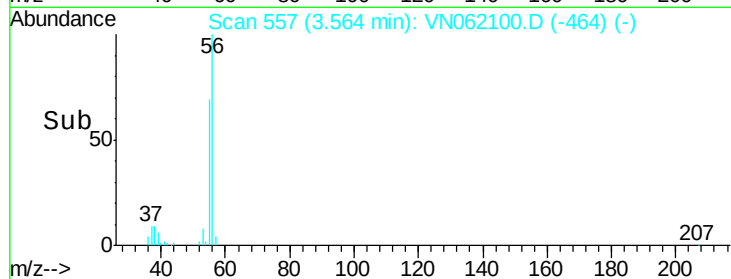
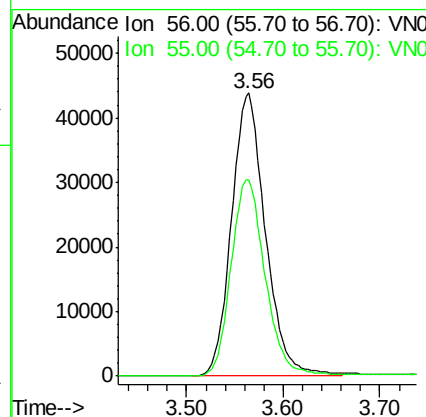
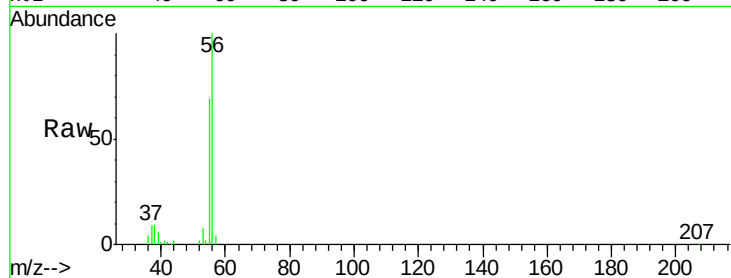
#13
Acrolein
Concen: 210.259 ug/l
RT: 3.56 min Scan# 557
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.6	55.5	83.3

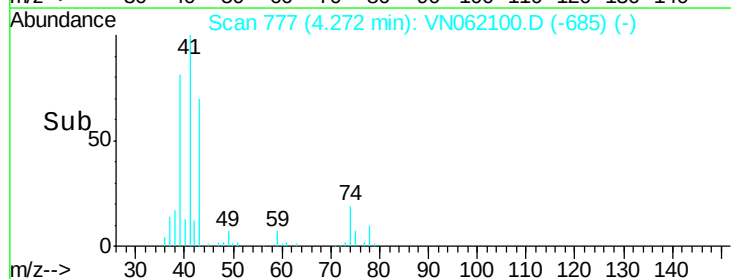
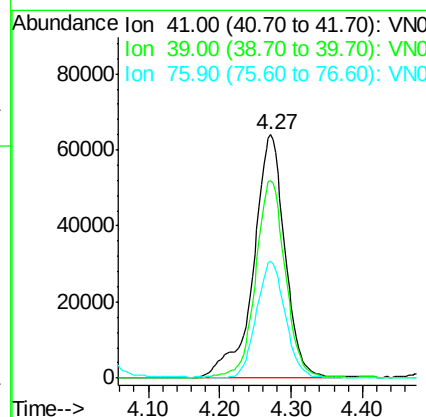
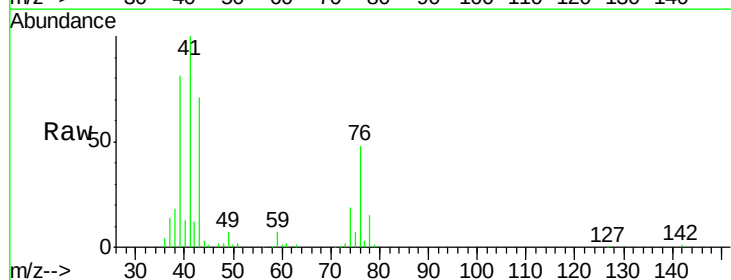
Manual Integrations
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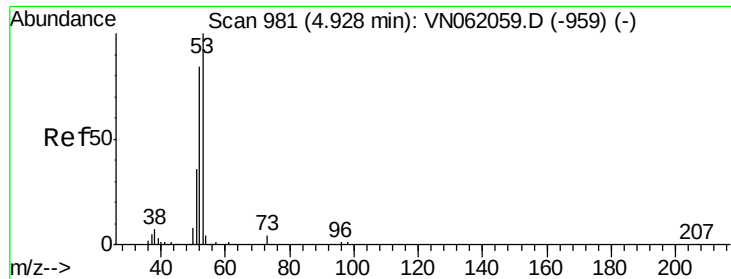
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#14
Allyl chloride
Concen: 48.737 ug/l
RT: 4.27 min Scan# 777
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.7	60.0	90.0
76	43.0	34.1	51.1





#15

Acrylonitrile

Concen: 231.425 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

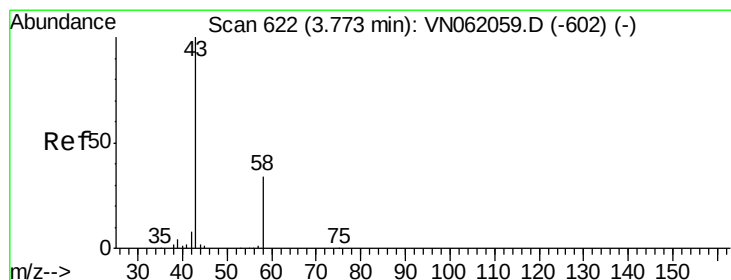
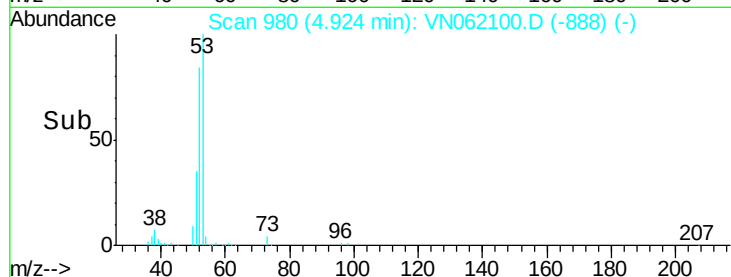
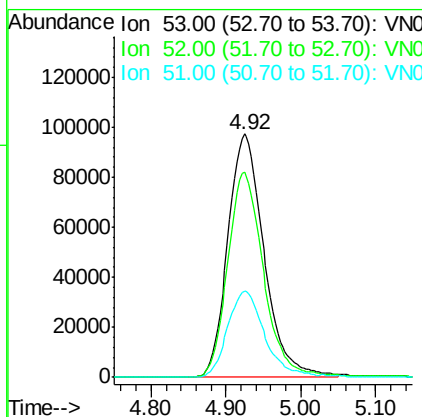
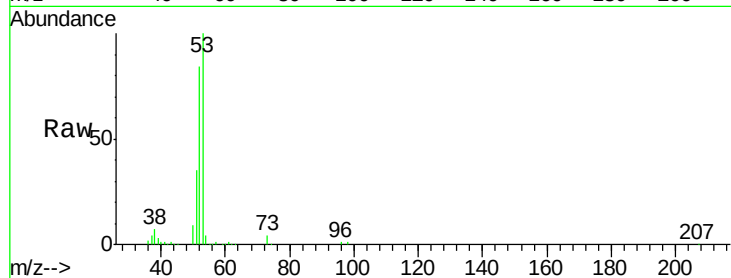
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	327698
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.2	99.4
51	36.1	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 270.353 ug/l

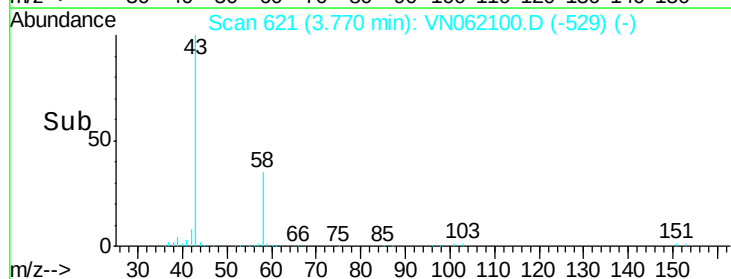
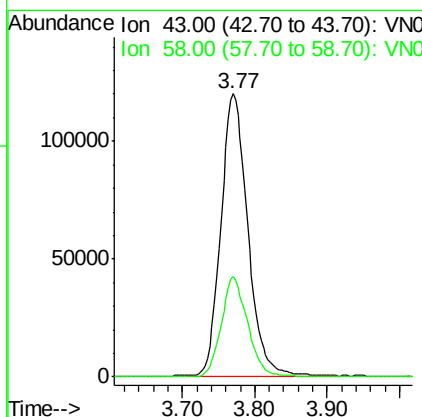
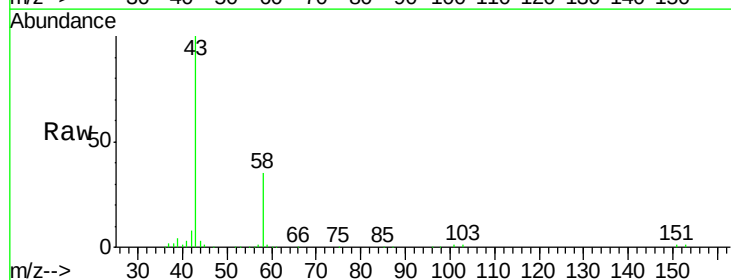
RT: 3.77 min Scan# 621

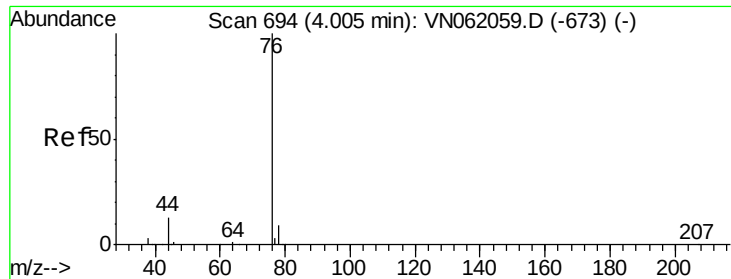
Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion:	43	Resp:	306744
Ion	Ratio	Lower	Upper
43	100		
58	35.5	27.5	41.3





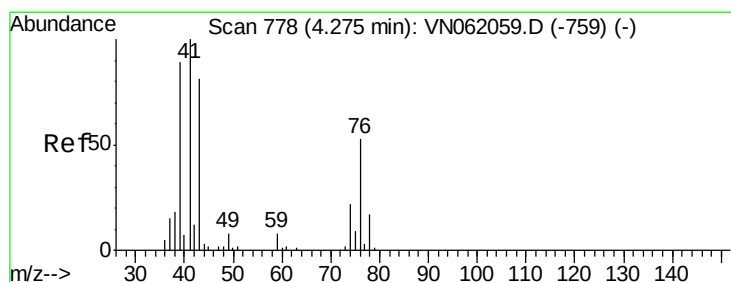
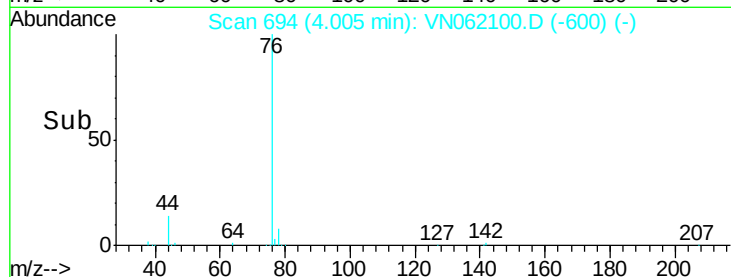
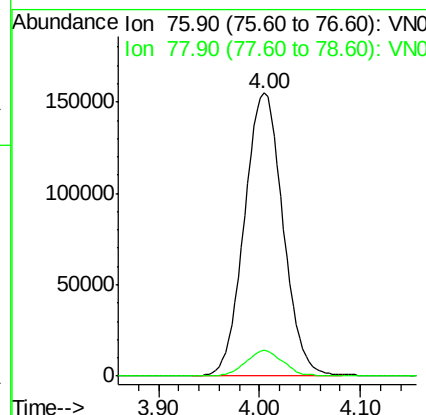
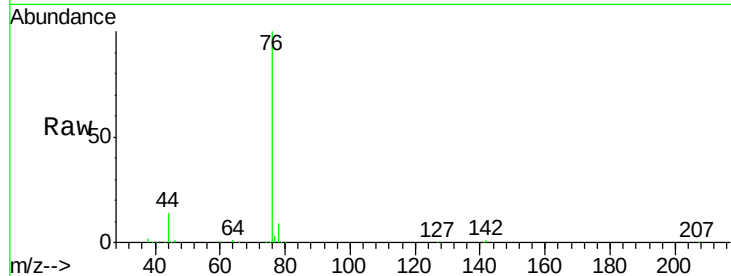
#17
Carbon Disulfide
Concen: 48.497 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

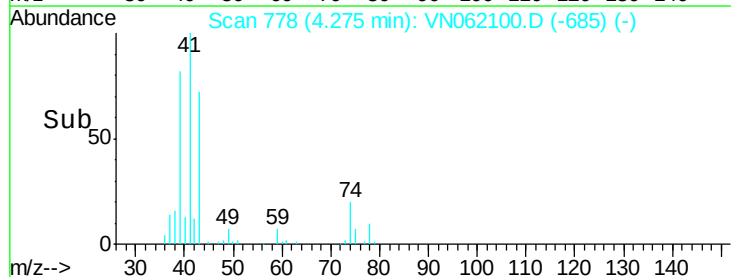
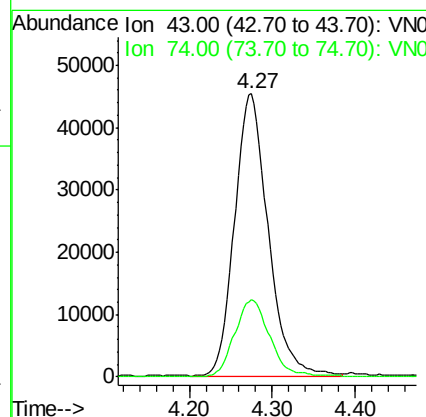
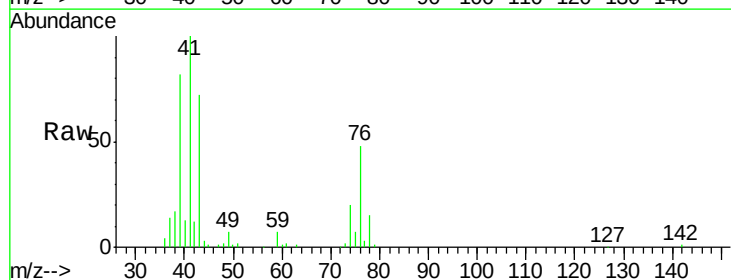
Manual Integrations
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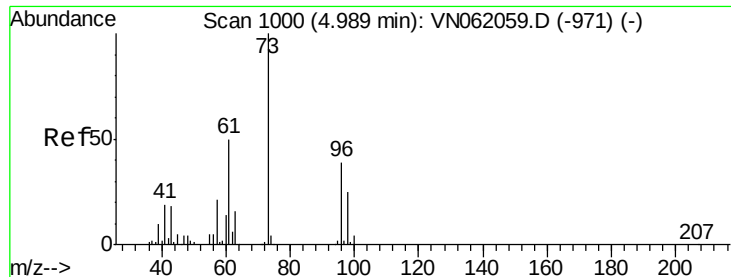
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#18
Methyl Acetate
Concen: 44.286 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.6	22.9	34.3





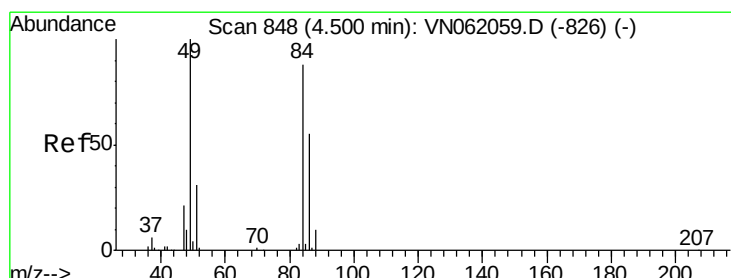
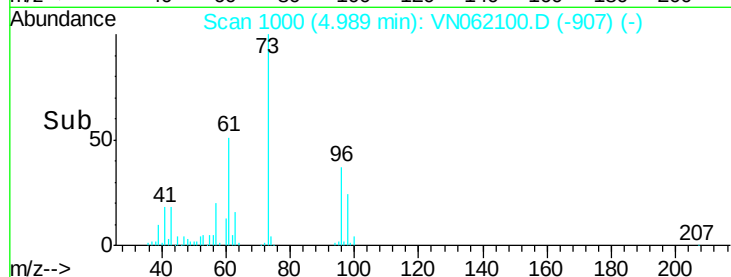
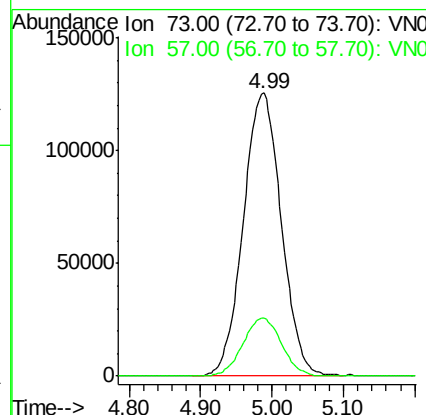
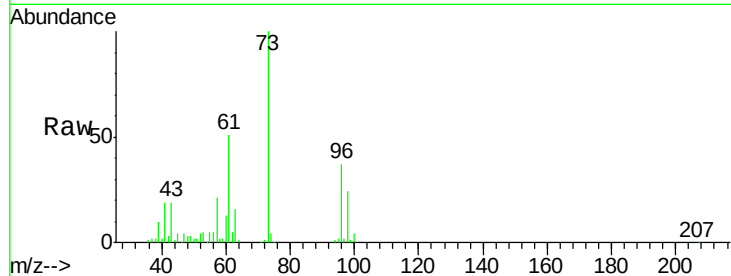
#19
Methvl tert-butyl Ether
Concen: 49.167 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 465243
Ion Ratio Lower Upper
73 100
57 20.6 16.6 24.8

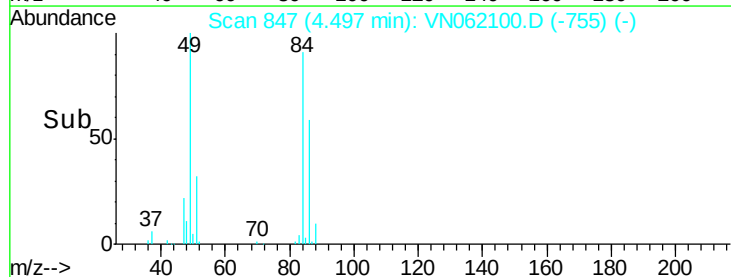
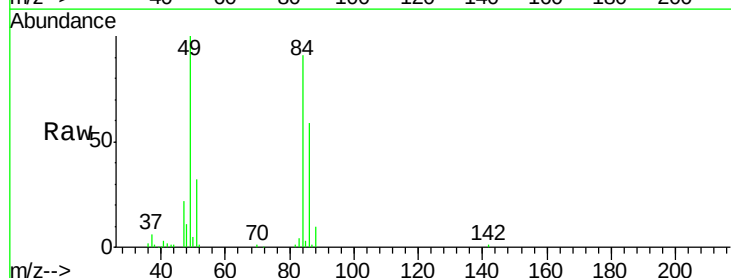
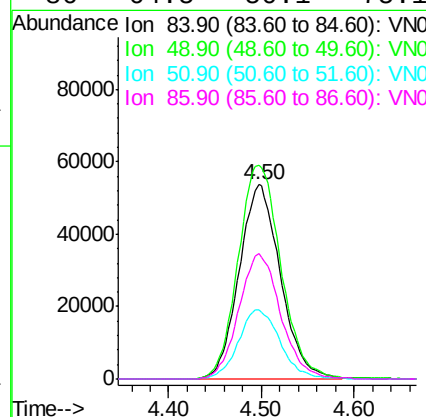
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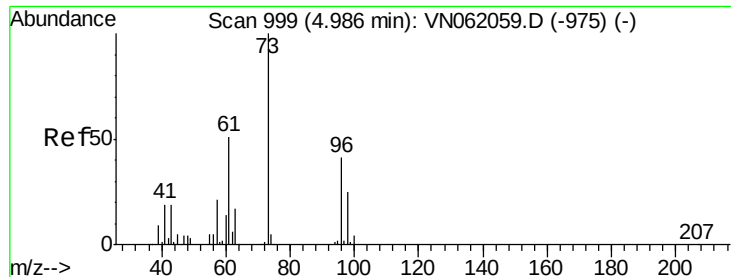
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#20
Methylene Chloride
Concen: 49.983 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 84 Resp: 166061
Ion Ratio Lower Upper
84 100
49 109.9 90.6 136.0
51 35.4 27.8 41.8
86 64.5 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 46.369 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

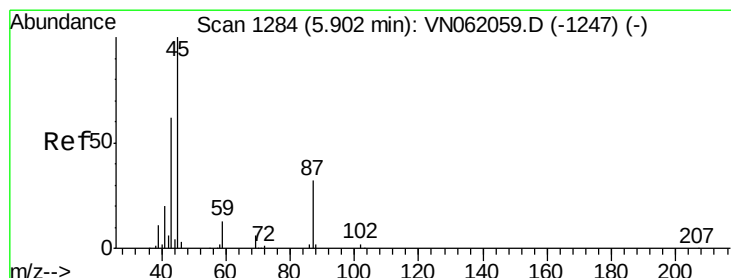
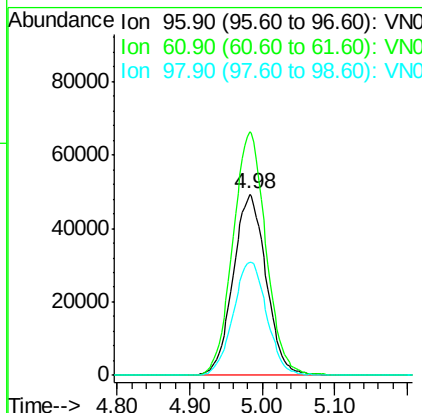
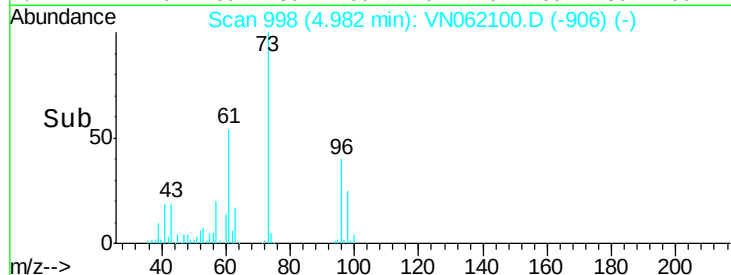
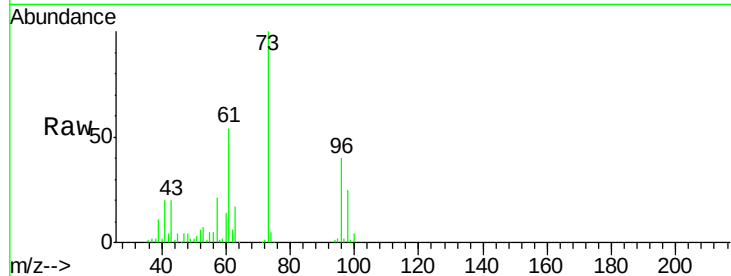
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	156423
Ion	Ratio	Lower	Upper
96	100		
61	134.3	101.4	152.2
98	62.5	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.713 ug/l

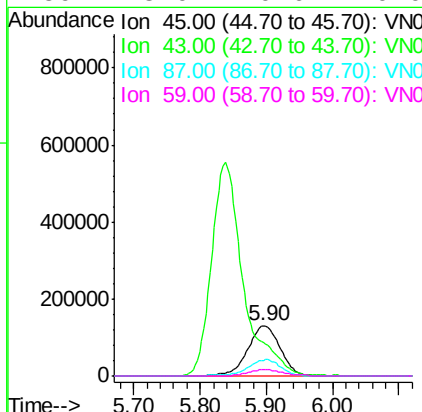
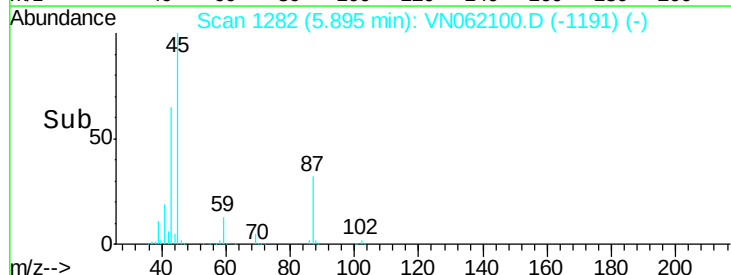
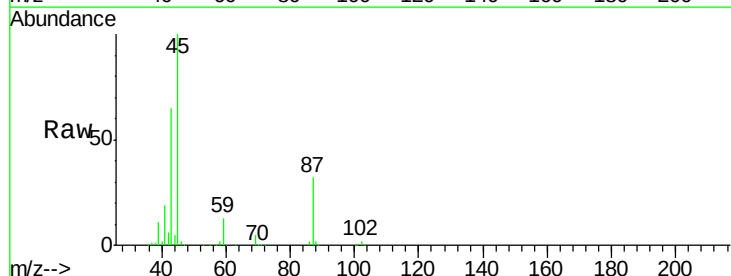
RT: 5.90 min Scan# 1282

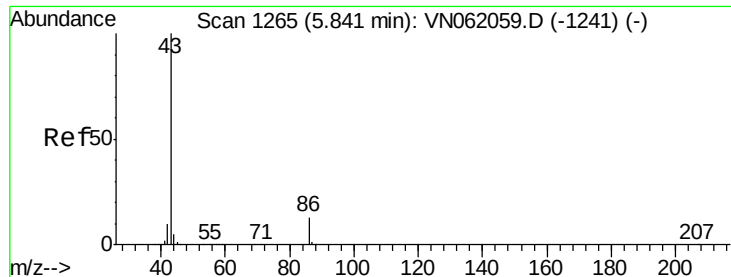
Delta R.T. -0.01 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion:	45	Resp:	447178
Ion	Ratio	Lower	Upper
45	100		
43	63.9	49.7	74.5
87	31.8	25.9	38.9
59	13.0	10.6	16.0





#23

Vinyl Acetate

Concen: 246.719 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1849107

Ion Ratio Lower Upper

43 100

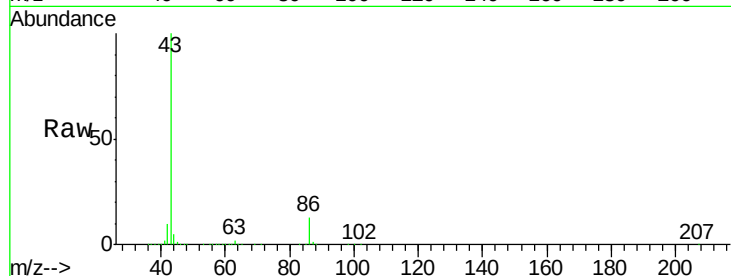
86 12.6 10.1 15.1

Manual Integrations

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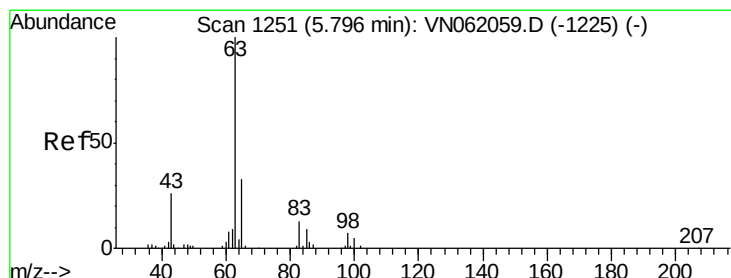
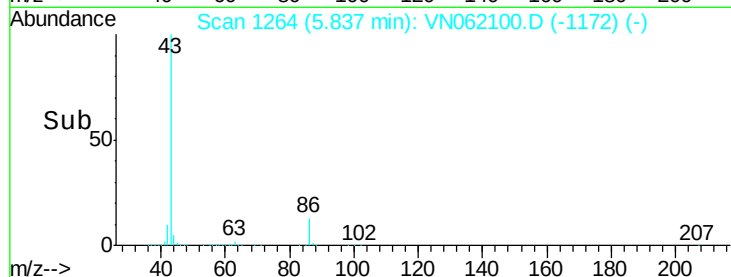
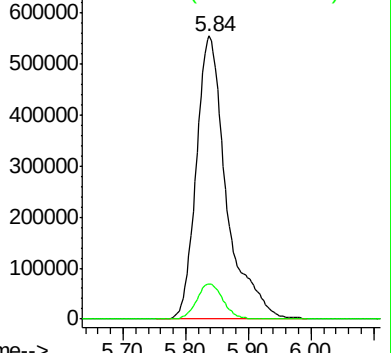
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 47.507 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

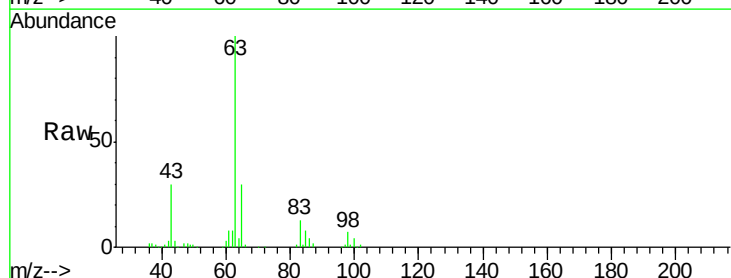
Tgt Ion: 63 Resp: 280824

Ion Ratio Lower Upper

63 100

98 7.4 3.6 10.9

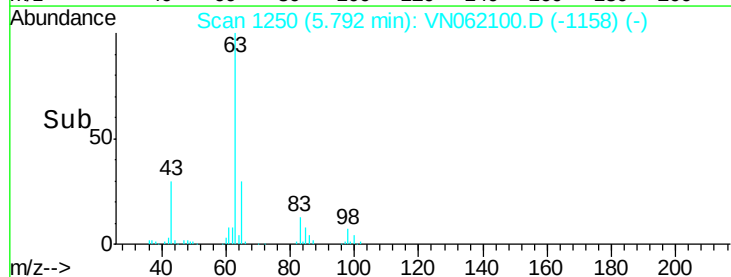
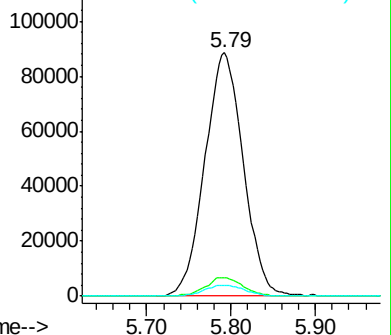
100 4.5 2.4 7.1

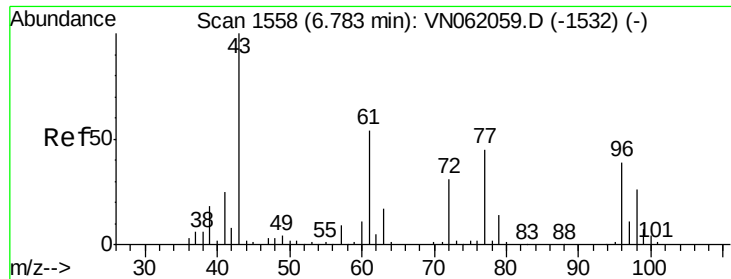


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 238.458 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 421827

Ion Ratio Lower Upper

43 100

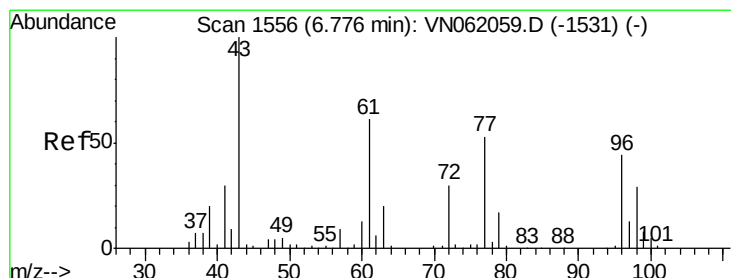
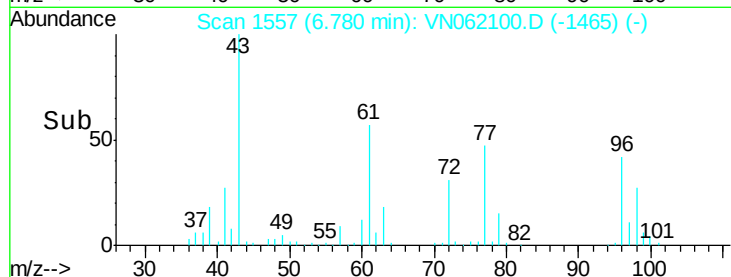
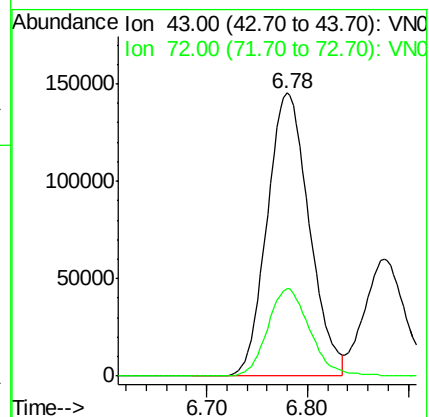
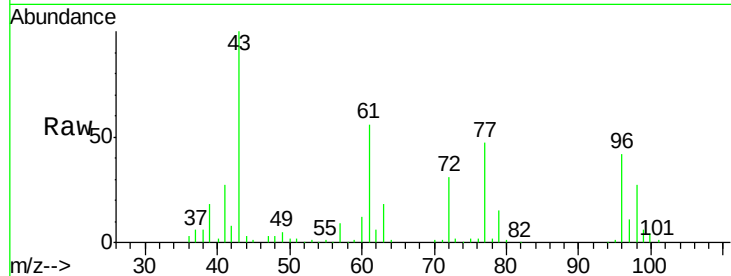
72 31.0 24.8 37.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.558 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.01 min

Lab File: VN062100.D

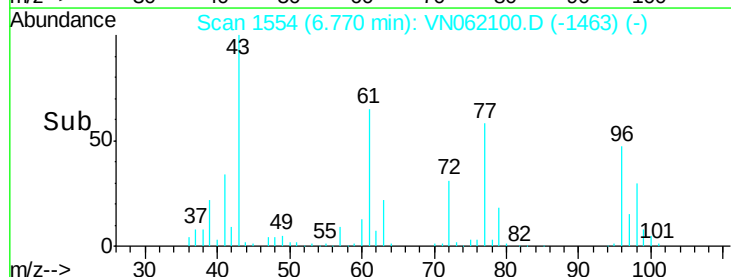
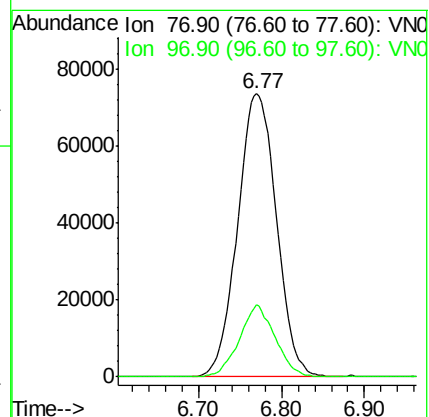
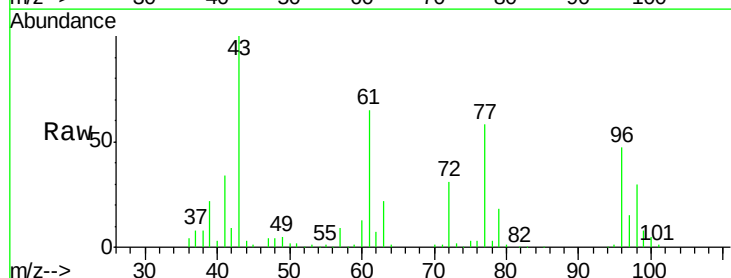
Acq: 25 Jun 2020 10:18

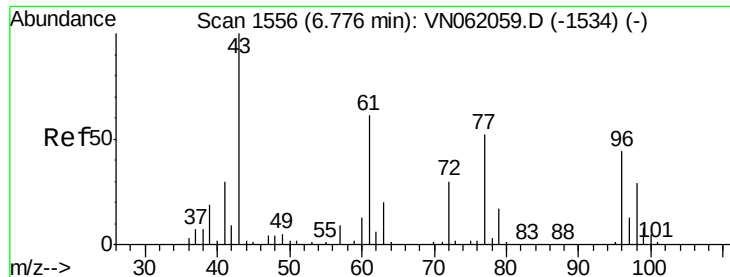
Tgt Ion: 77 Resp: 239192

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 46.968 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

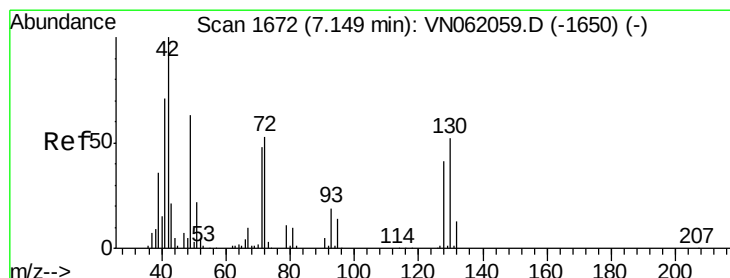
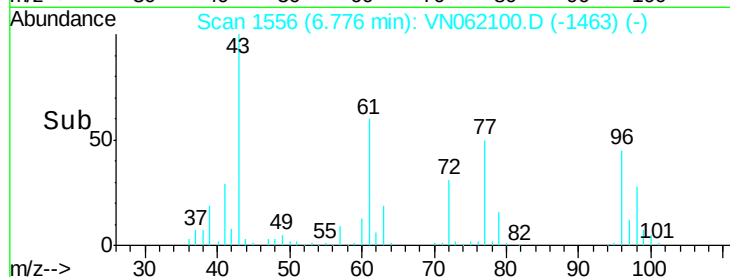
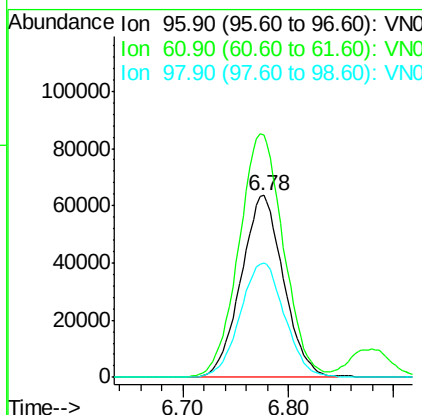
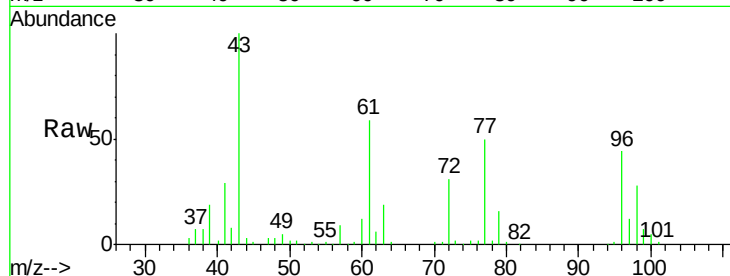
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	178290
Ion	Ratio	Lower	Upper
96	100		
61	140.4	0.0	280.4
98	65.6	0.0	129.4

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#28

Bromochloromethane

Concen: 46.959 ug/l

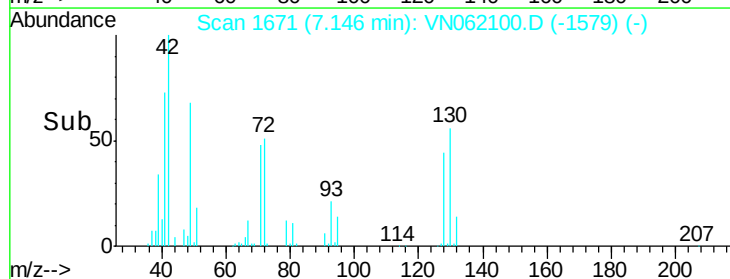
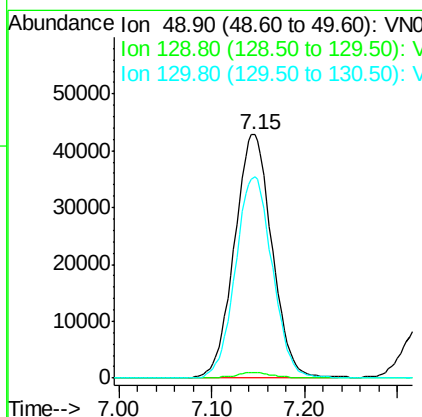
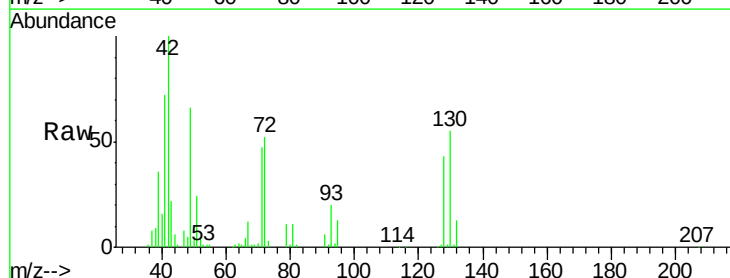
RT: 7.15 min Scan# 1671

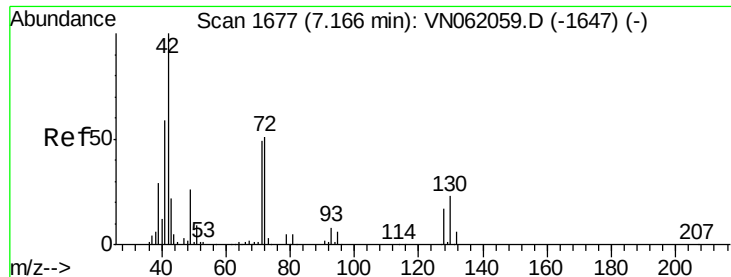
Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion:	49	Resp:	120440
Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.4
130	81.1	65.5	98.3





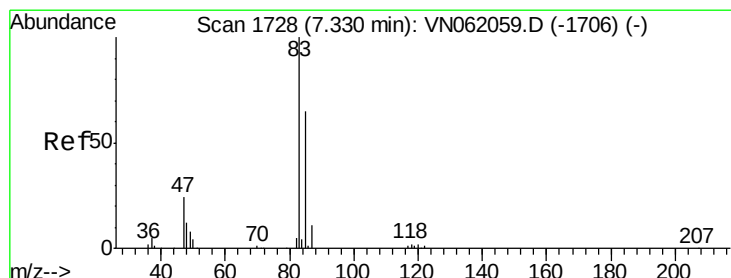
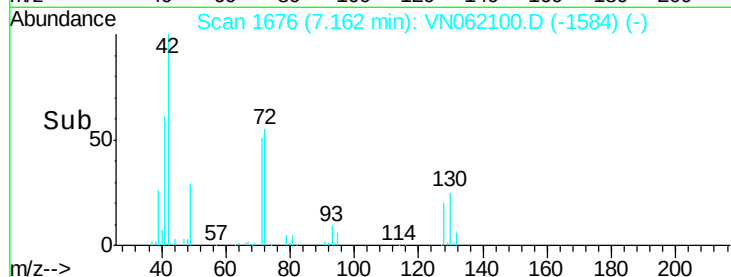
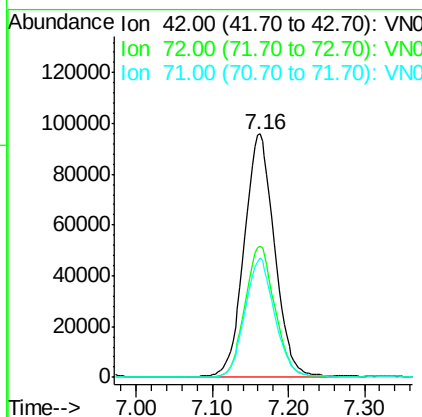
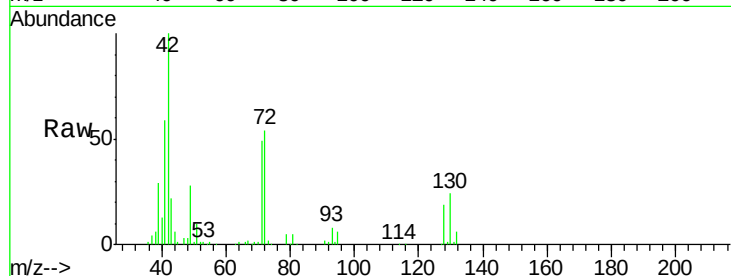
#29
Tetrahydrofuran
Concen: 228.752 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	53.4	41.1	61.7
71	47.9	38.2	57.4

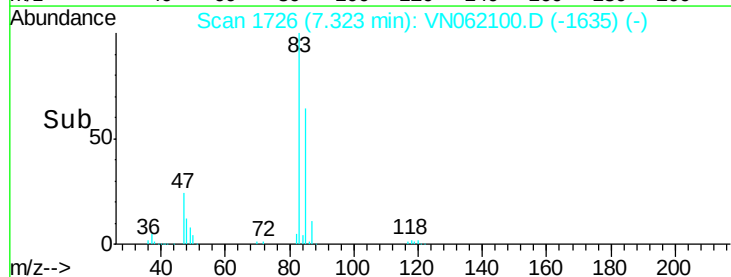
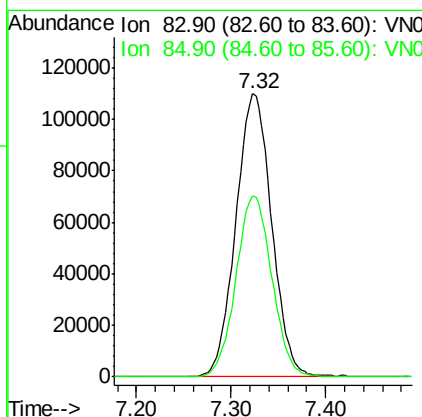
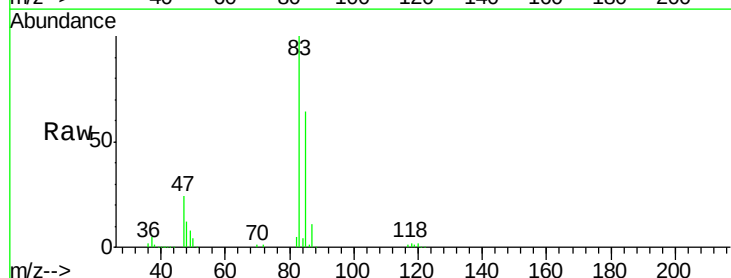
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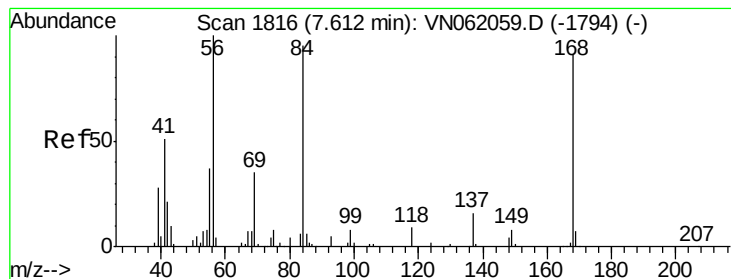
MMDadoda
6/26/2020 7:00:52 PM



#30
Chloroform
Concen: 48.161 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.01 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.3	78.5





#31

Cyclohexane

Concen: 47.069 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

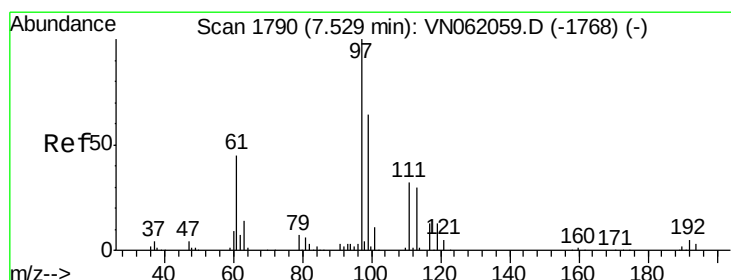
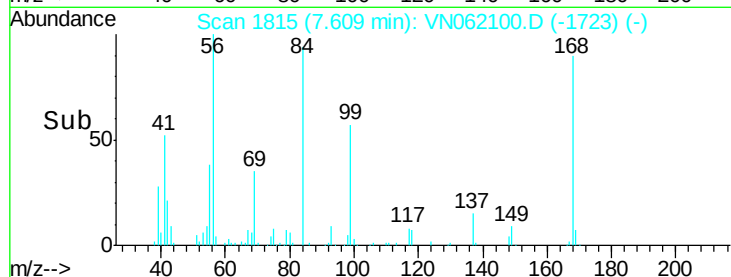
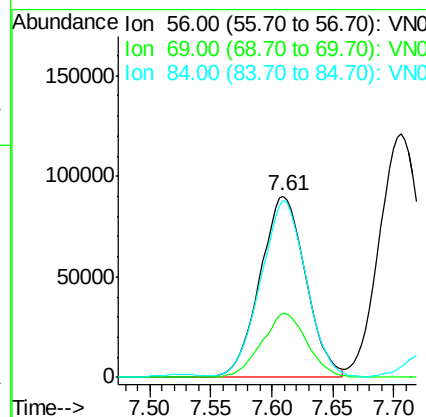
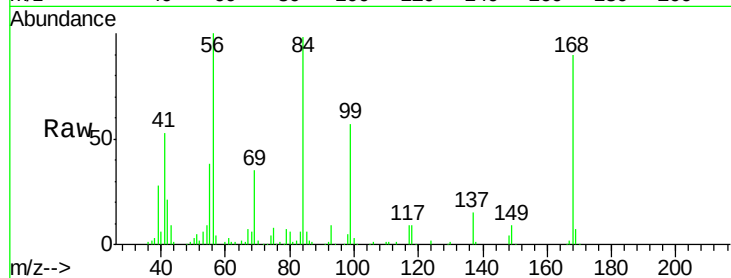
ClientSampleId :

VSTDCCC050

Tot Ion	56	Resp	235352
Ion	Ratio	Lower	Upper
56	100		
69	35.2	28.0	42.0
84	96.5	76.1	114.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.743 ug/l

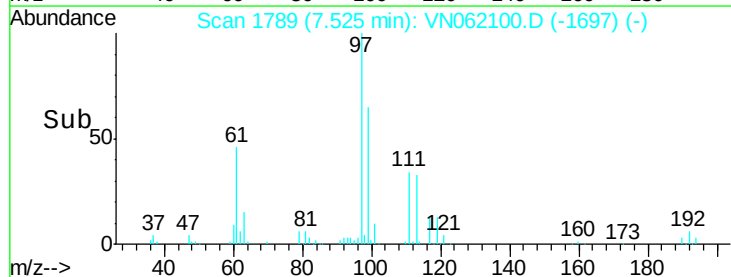
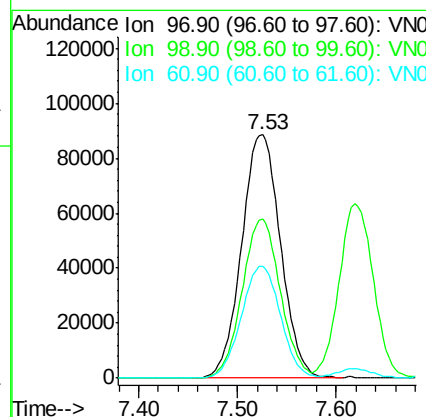
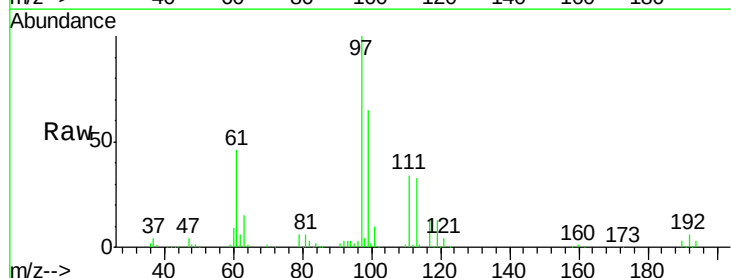
RT: 7.53 min Scan# 1789

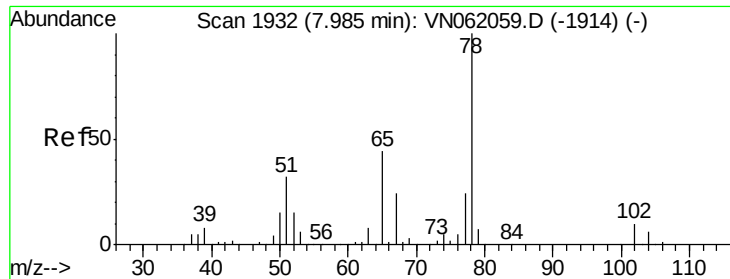
Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion	97	Resp	242150
Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.0	76.4
61	46.3	36.2	54.2





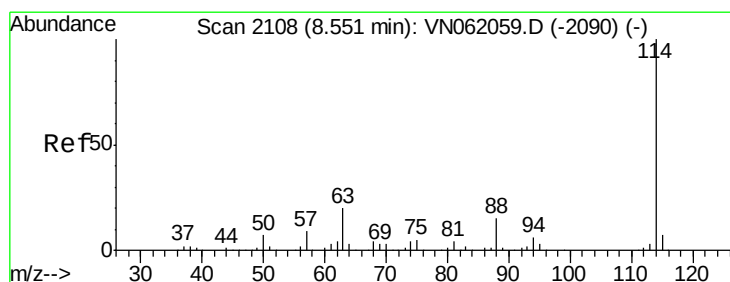
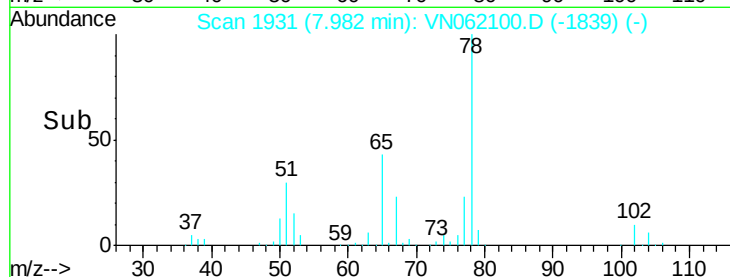
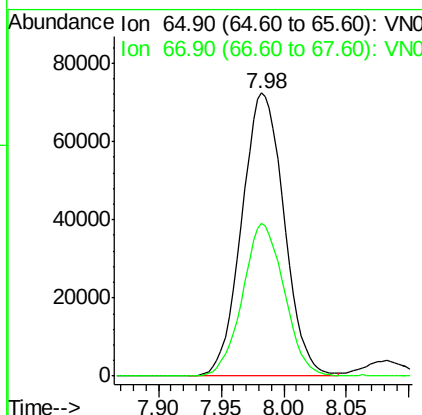
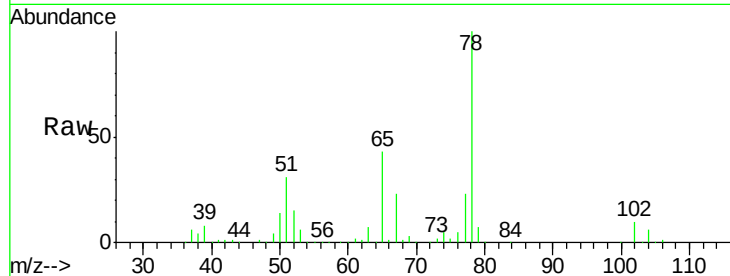
#33
 1,2-Dichloroethane-d4
 Concen: 47.047 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	106.2

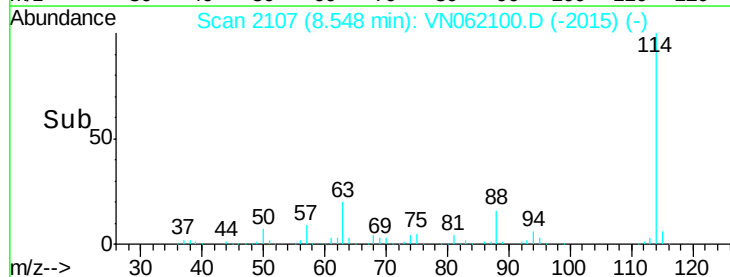
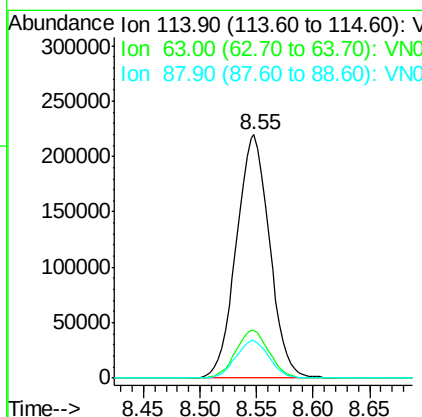
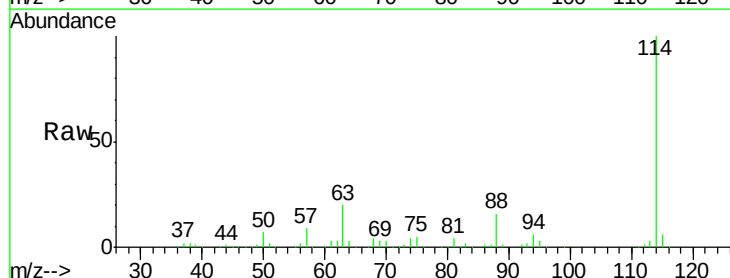
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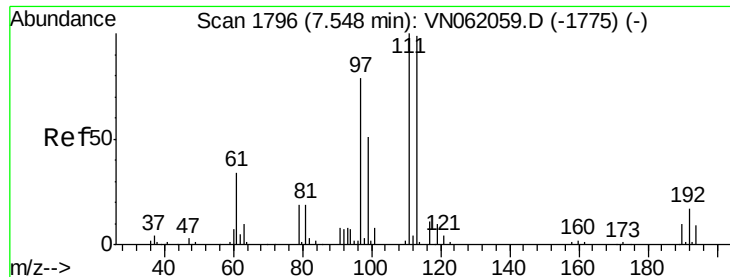
MMDadoda
 6/26/2020 7:00:52 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.2
88	15.5	0.0	30.8





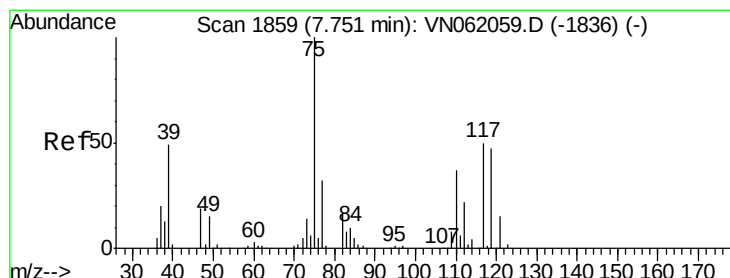
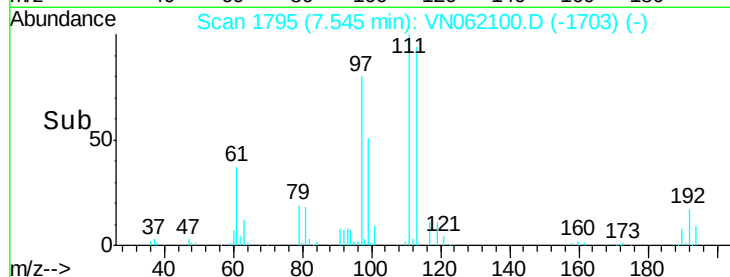
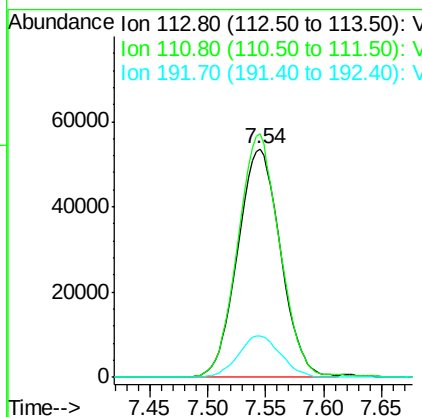
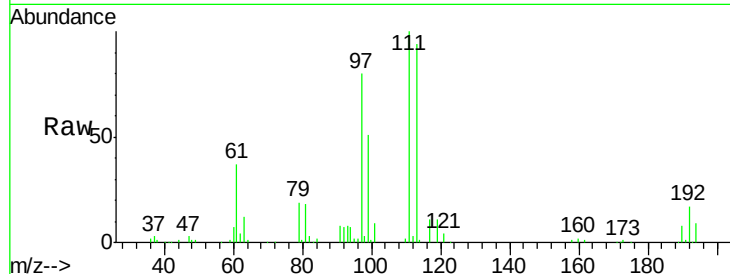
#35
 Dibromofluoromethane
 Concen: 47.889 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.4	82.2	123.4	
192	18.0	14.0	21.0	

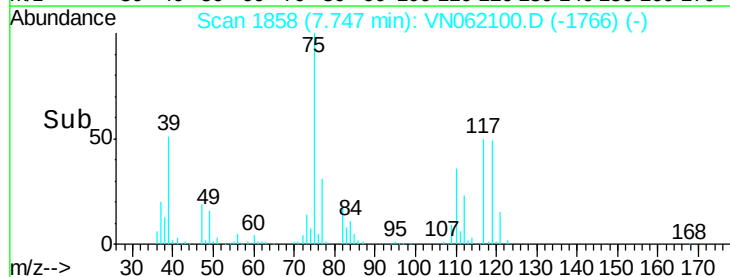
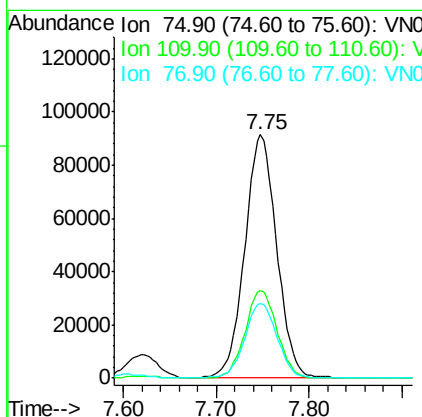
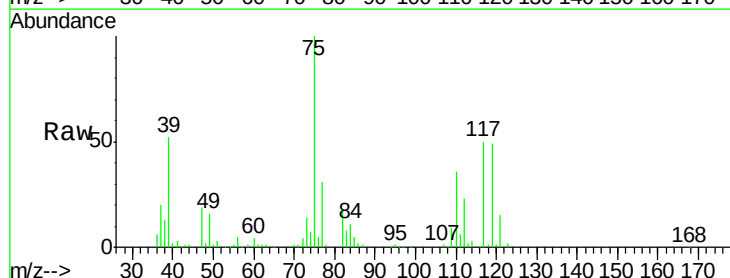
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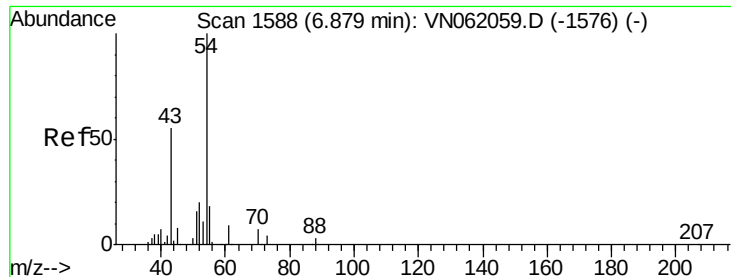
MMDadoda
 6/26/2020 7:00:52 PM



#36
 1,1-Dichloropropene
 Concen: 48.139 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	36.1	17.9	53.8	
77	31.3	24.9	37.3	





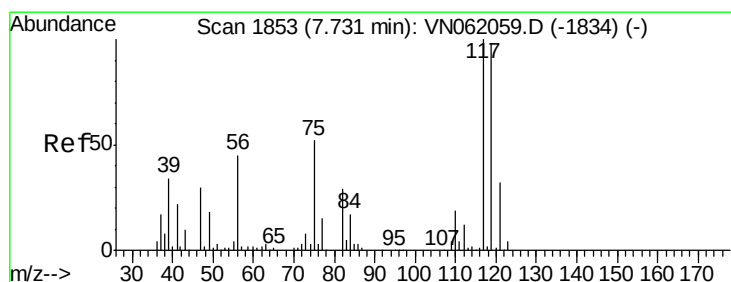
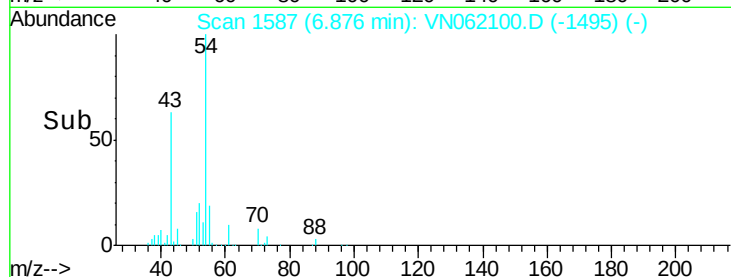
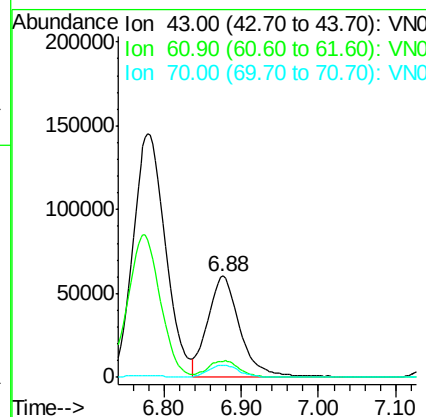
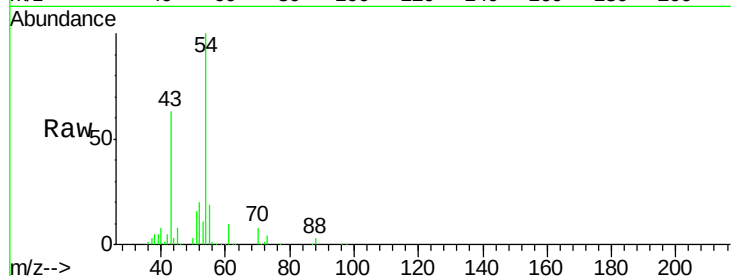
#37
Ethyl Acetate
Concen: 46.866 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.0	18.0
70	11.9	9.6	14.4

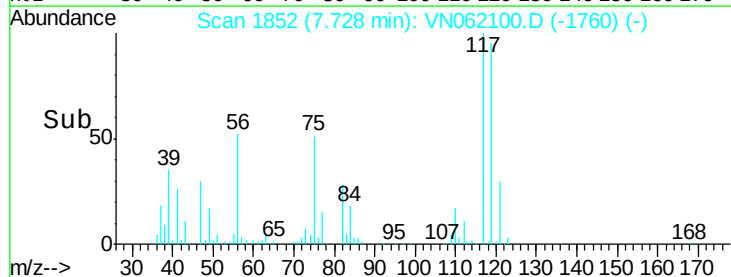
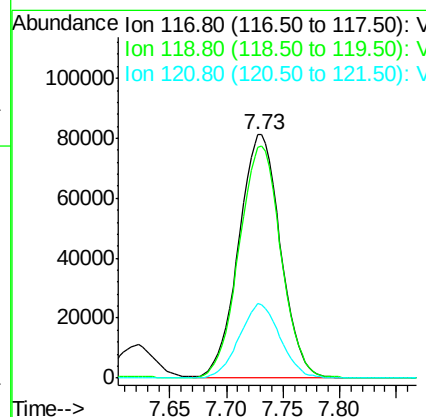
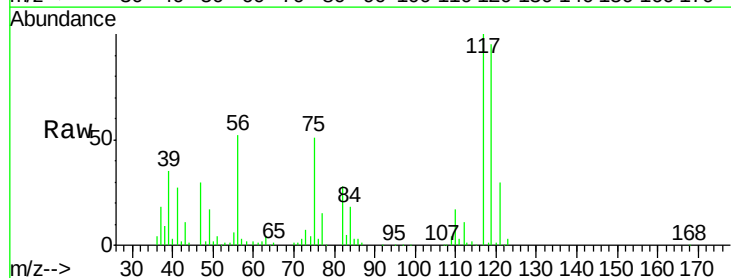
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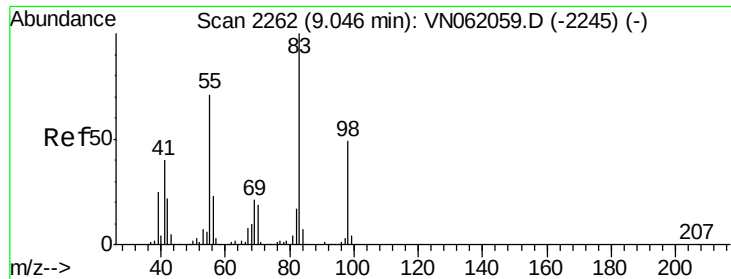
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6/26/2020 7:00:52 PM



#38
Carbon Tetrachloride
Concen: 48.774 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.2	117.2
121	30.5	25.8	38.6





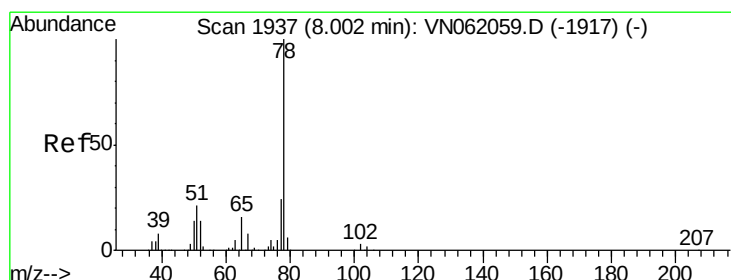
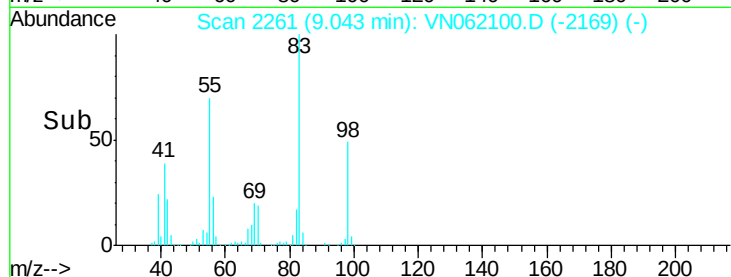
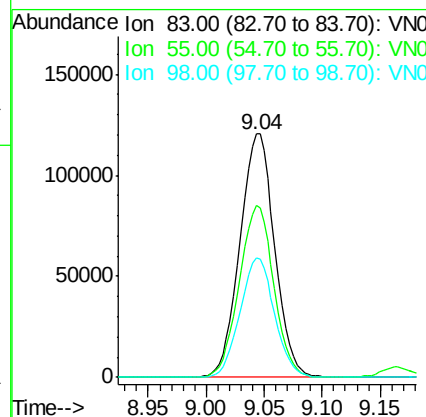
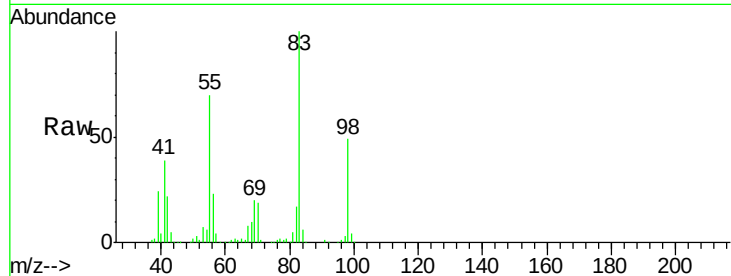
#39
Methylvlcyclohexane
Concen: 50.643 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	250674
Ion	Ratio	Lower	Upper
83	100		
55	70.5	57.0	85.6
98	48.9	39.0	58.6

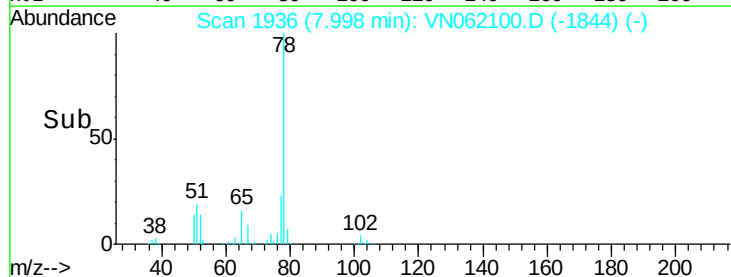
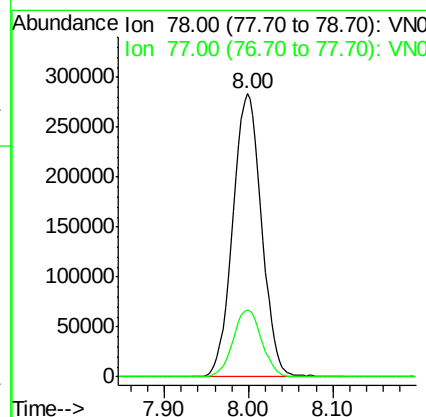
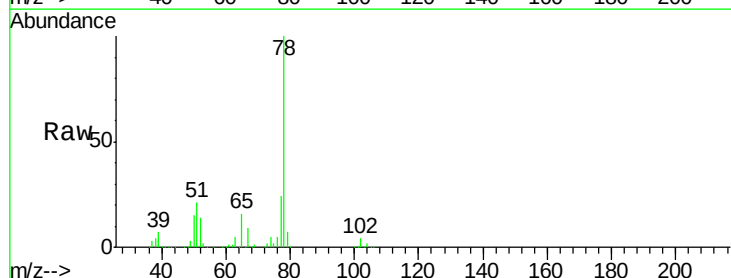
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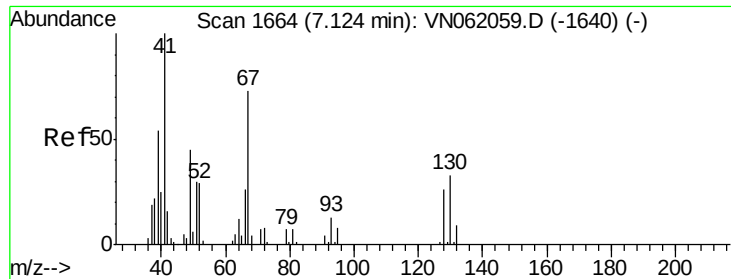
MMDadoda
6/26/2020 7:00:52 PM



#40
Benzene
Concen: 48.850 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	78	Resp	672628
Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.5	29.3





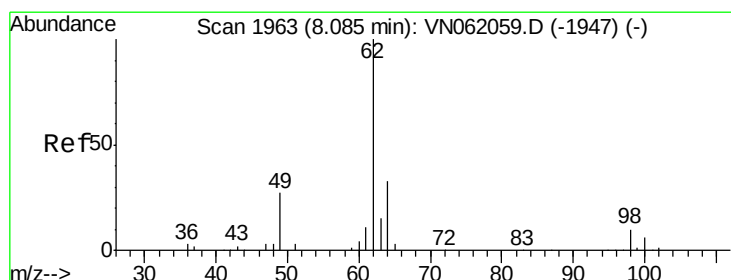
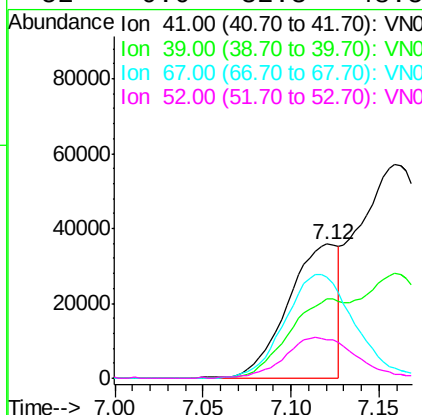
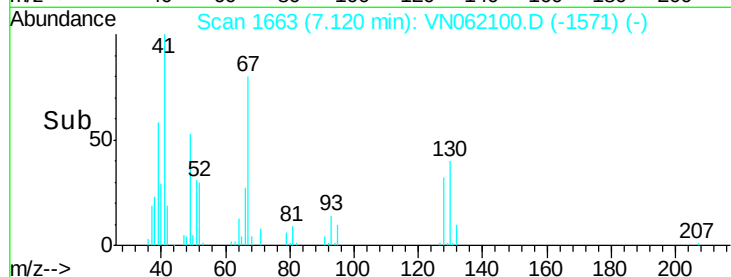
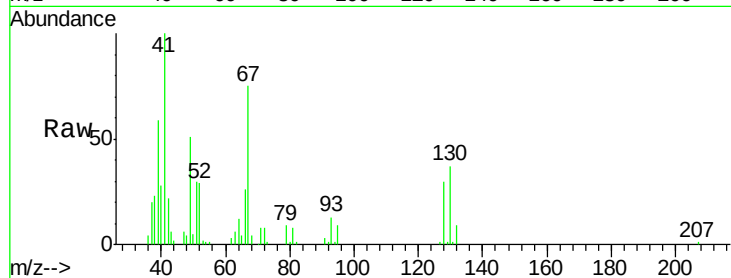
#41
Methacrylonitrile
Concen: 41.199 ug/l m
RT: 7.12 min Scan# 1663
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.2	66.2#
67	0.0	79.5	119.3#
52	0.0	32.3	48.5#

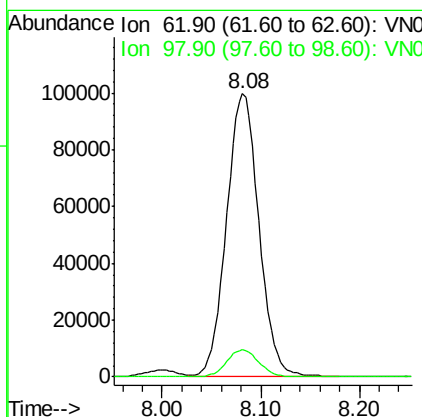
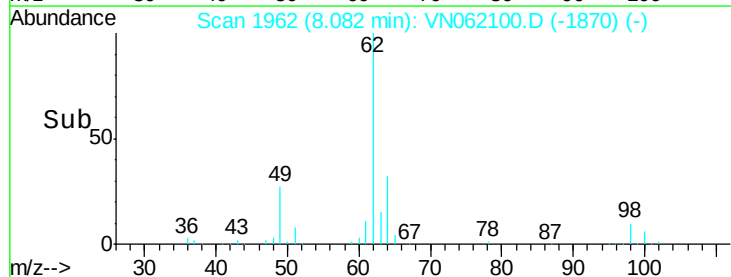
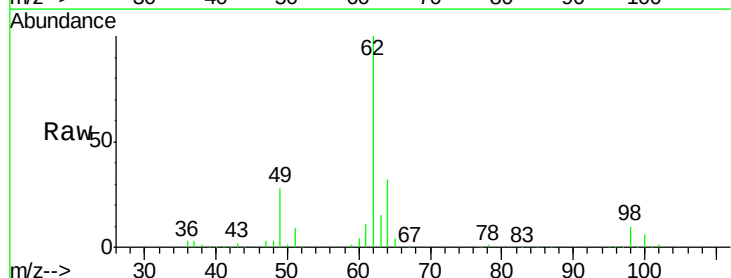
Manual Integrations
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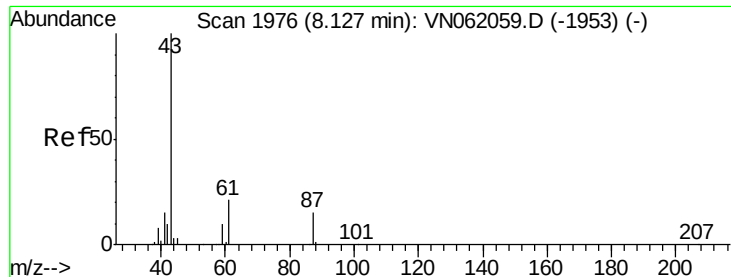
MMDadoda
6/26/2020 7:00:52 PM



#42
1,2-Dichloroethane
Concen: 49.083 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.8





#43

Isopropyl Acetate

Concen: 47.862 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

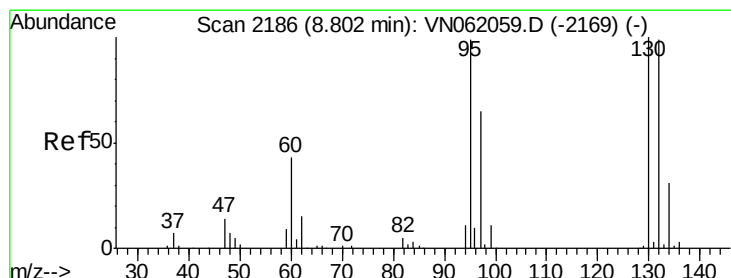
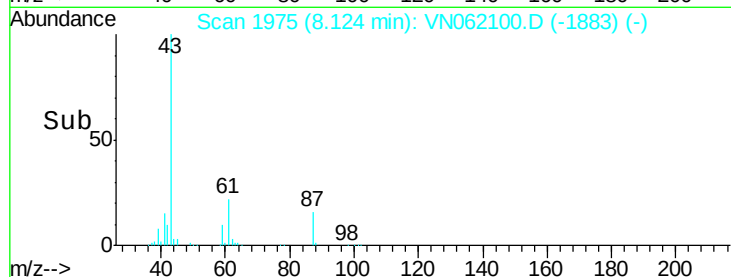
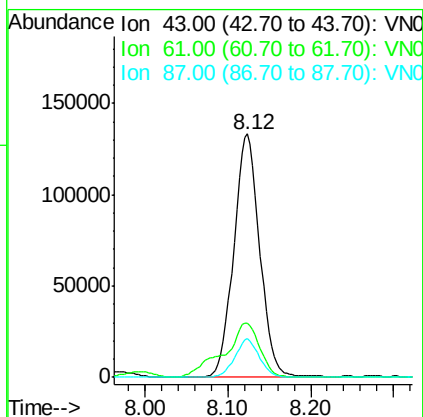
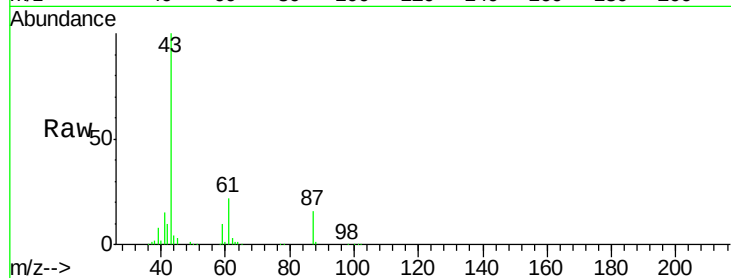
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	291863
Ion Ratio		Lower	Upper
43	100		
61	30.9	17.2	25.8#
87	14.8	12.1	18.1

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#44

Trichloroethene

Concen: 47.864 ug/l

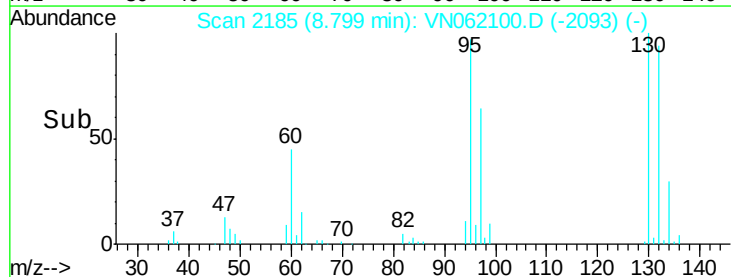
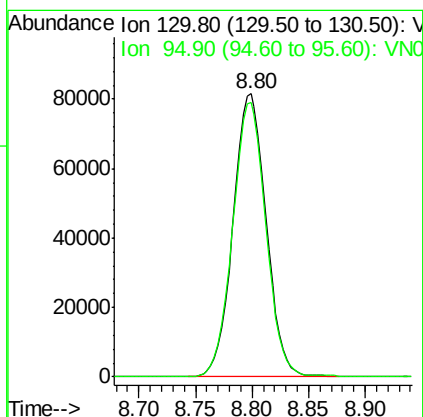
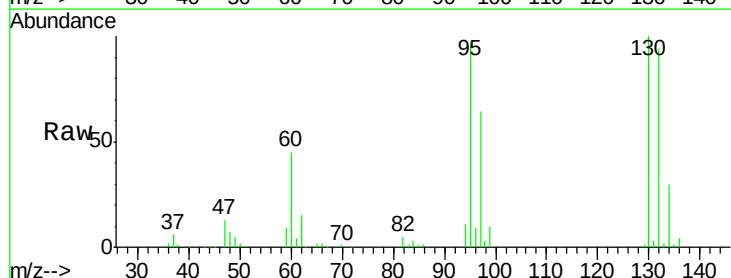
RT: 8.80 min Scan# 2185

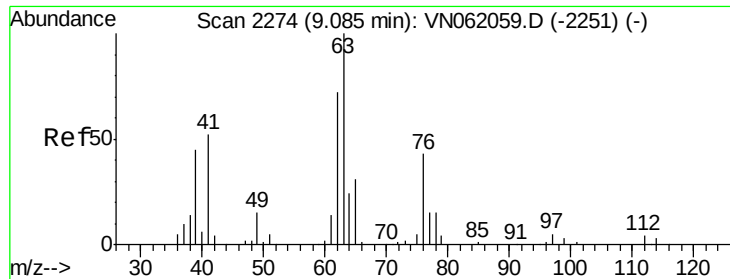
Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion:	130	Resp:	166249
Ion Ratio		Lower	Upper
130	100		
95	97.0	0.0	197.8





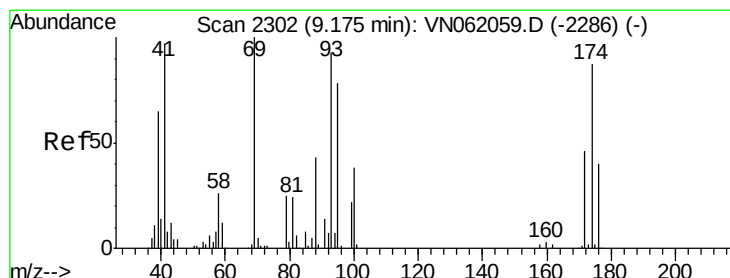
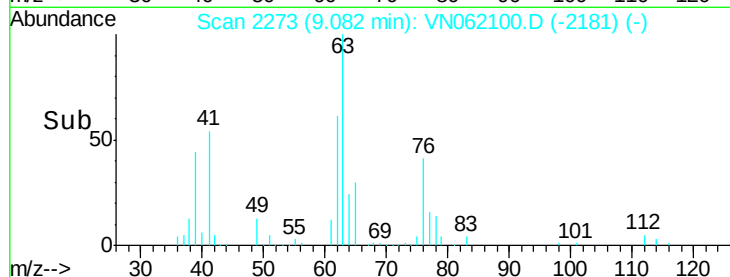
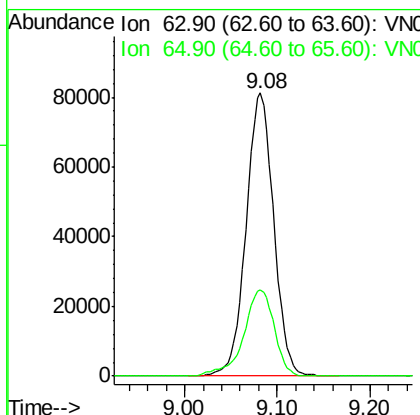
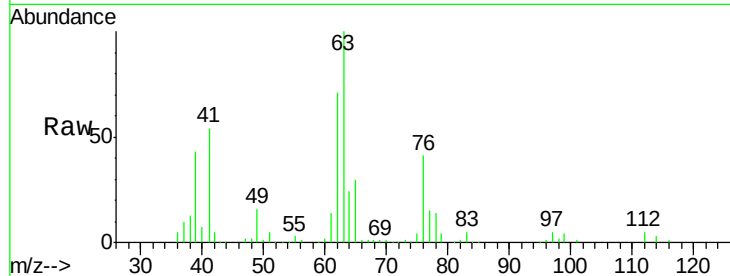
#45
 1,2-Dichloropropane
 Concen: 49.416 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 63 Resp: 167863
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.0 37.4

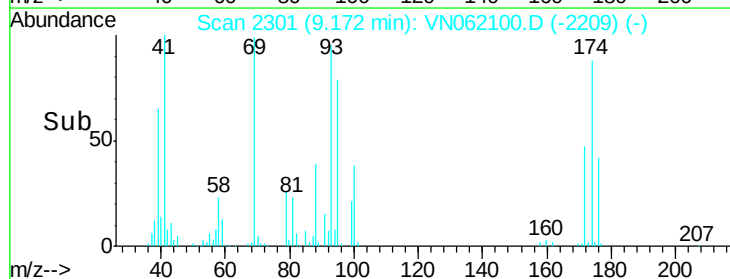
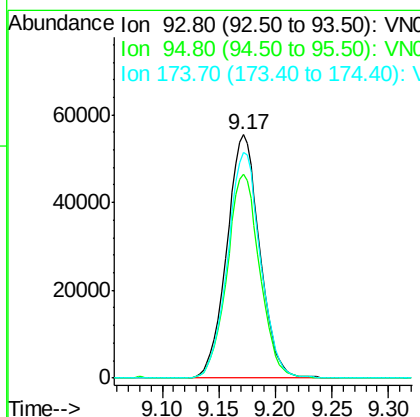
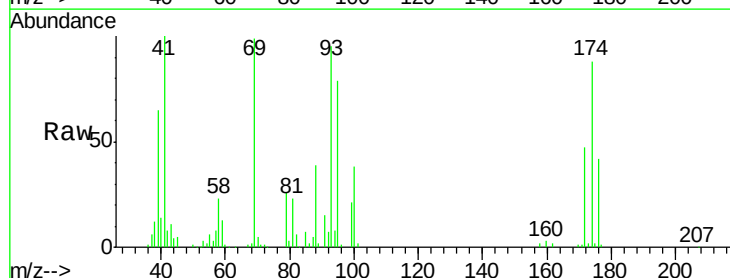
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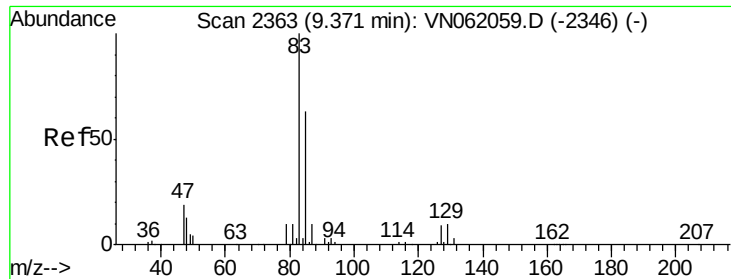
MMDadoda
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#46
 Dibromomethane
 Concen: 48.649 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion: 93 Resp: 112046
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.6
 174 92.7 74.4 111.6





#47

Bromodichloromethane

Concen: 49.805 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

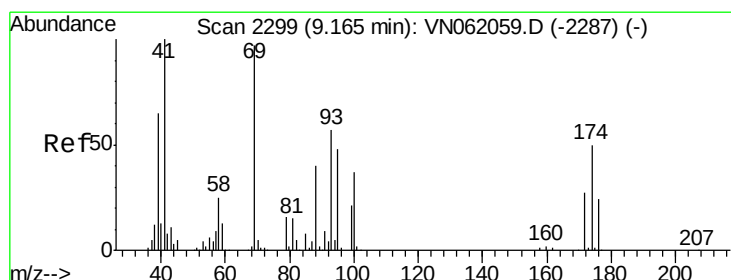
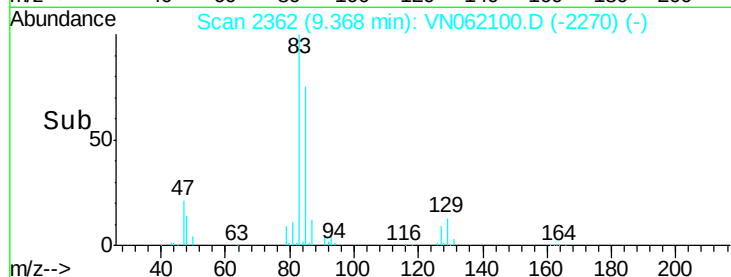
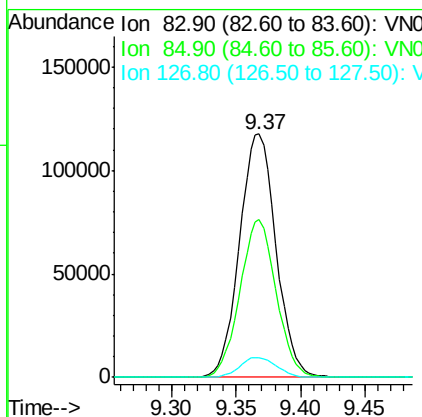
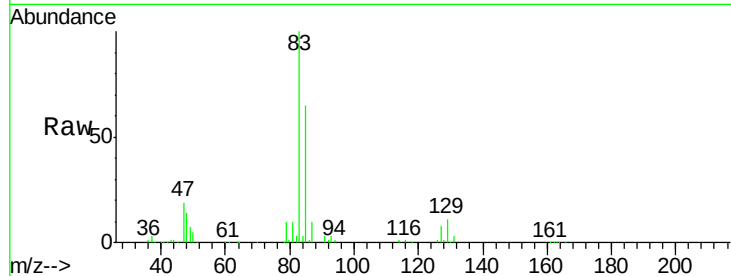
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	231612
Ion Ratio	Lower	Upper	
83	100		
85	64.7	50.3	75.5
127	8.2	6.9	10.3

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.980 ug/l

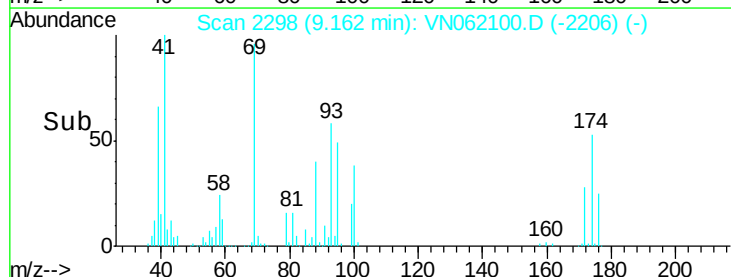
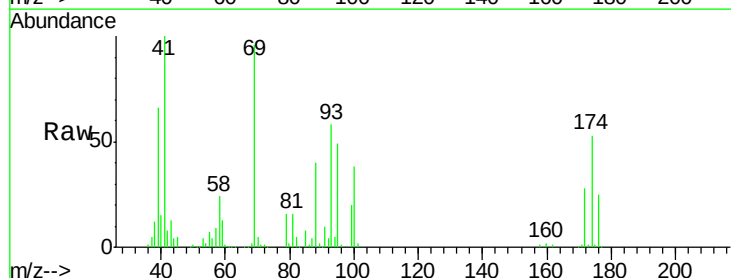
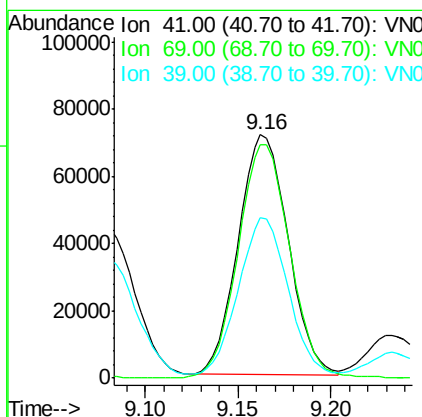
RT: 9.16 min Scan# 2298

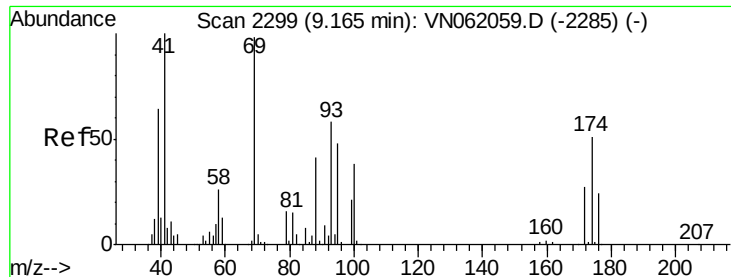
Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion:	41	Resp:	133920
Ion Ratio	Lower	Upper	
41	100		
69	100.7	80.7	121.1
39	66.9	54.5	81.7





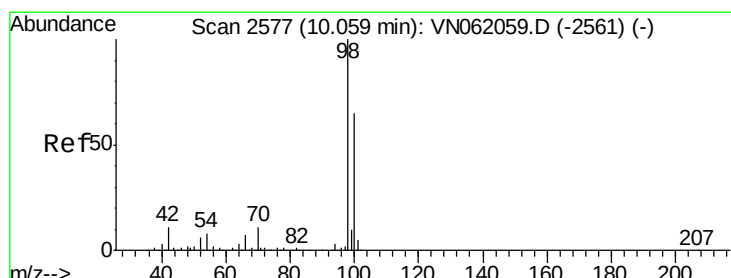
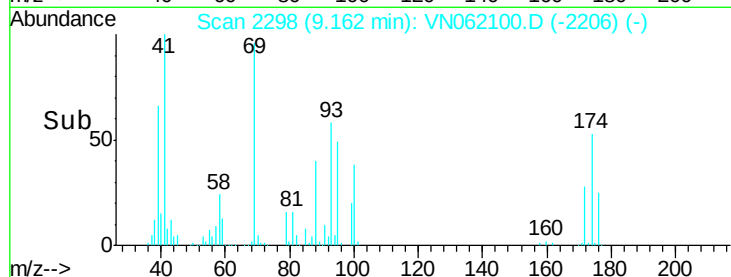
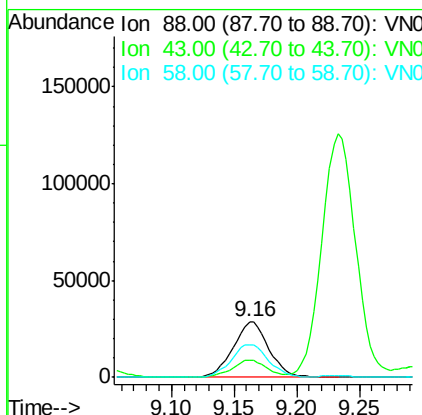
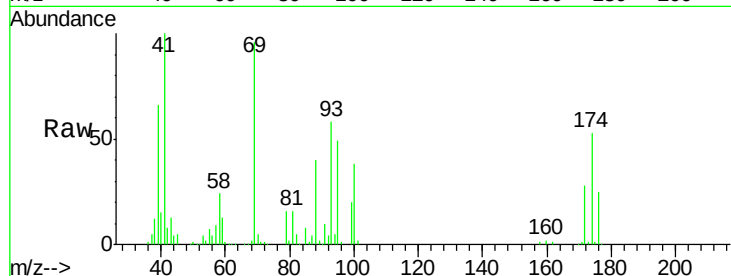
#49
1,4-Dioxane
Concen: 940.396 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	57020
Ion	Ratio	Lower	Upper
88	100		
43	28.6	22.0	33.0
58	61.1	49.2	73.8

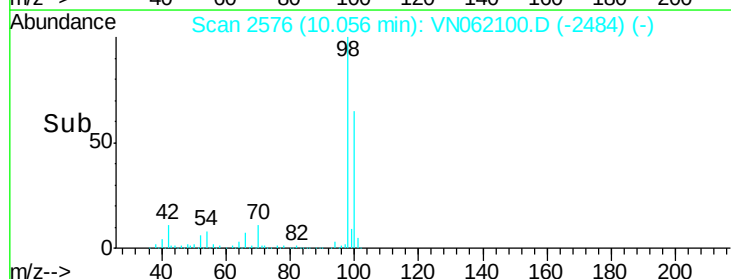
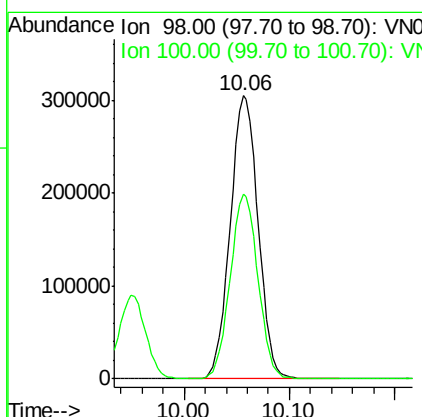
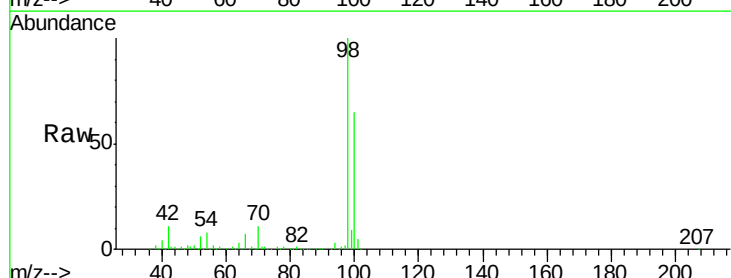
Manual Integrations
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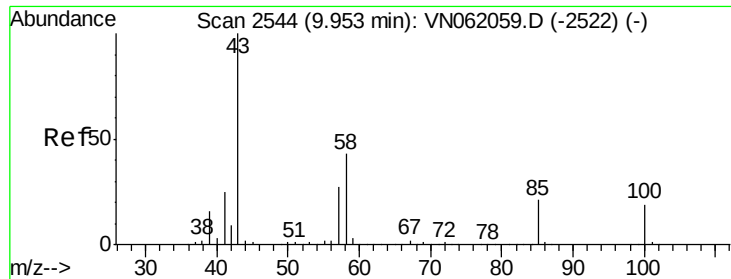
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#50
Toluene-d8
Concen: 48.472 ug/l
RT: 10.06 min Scan# 2576
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	98	Resp	558671
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 243.544 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 867705

Ion Ratio Lower Upper

43 100

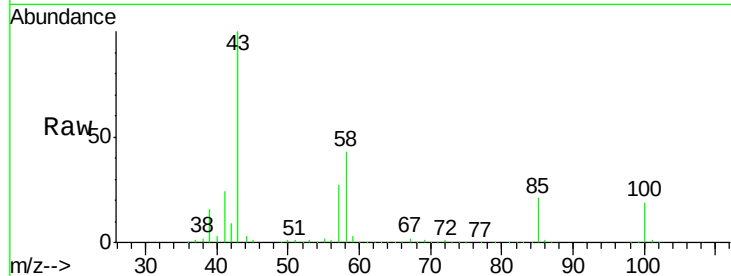
58 43.3 34.2 51.2

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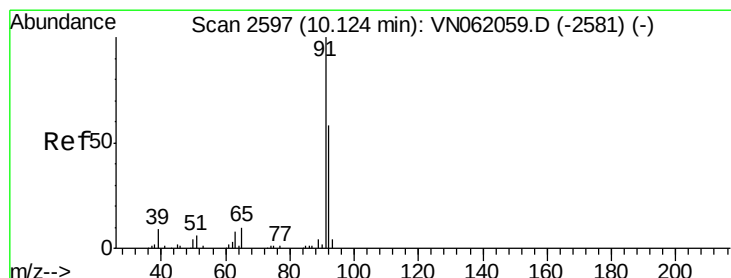
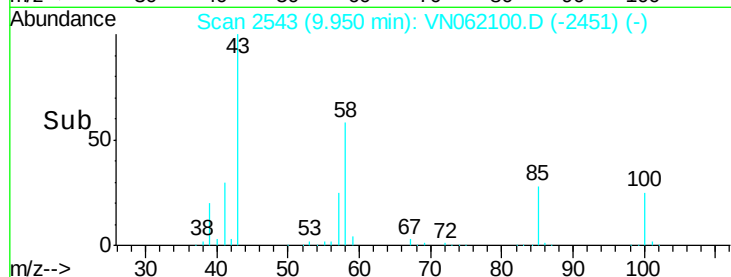
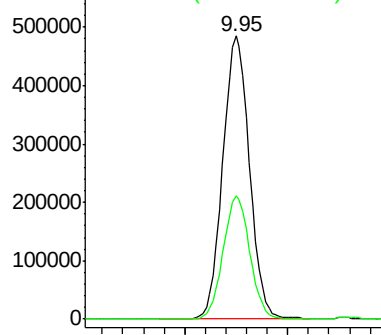
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.275 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062100.D

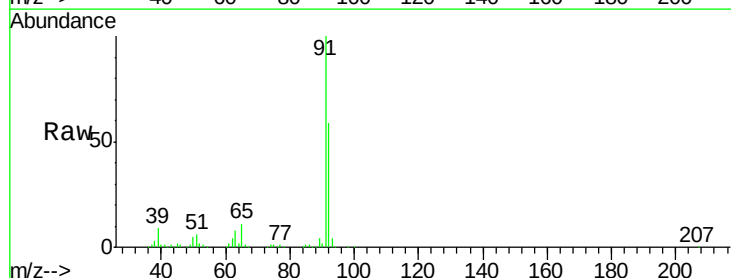
Acq: 25 Jun 2020 10:18

Tgt Ion: 92 Resp: 430779

Ion Ratio Lower Upper

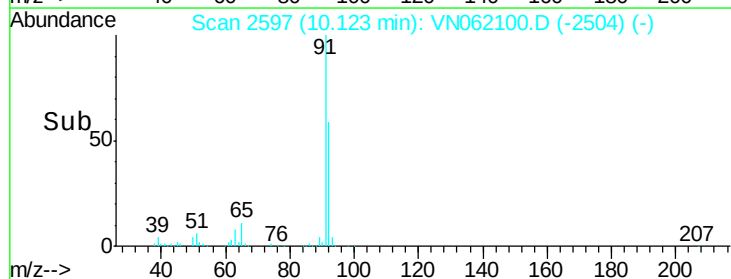
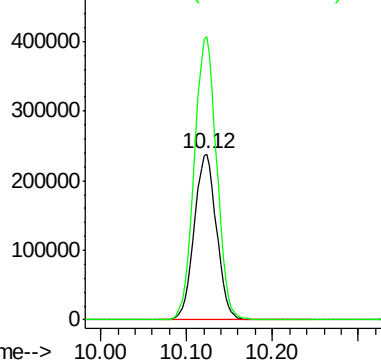
92 100

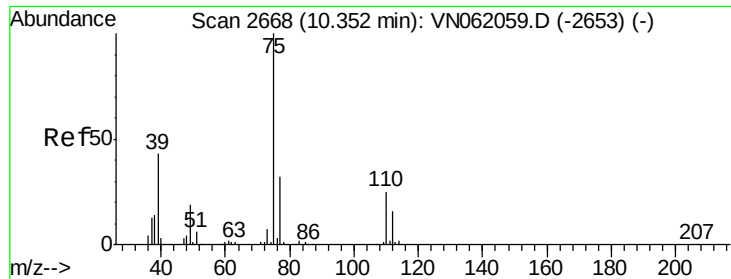
91 171.1 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





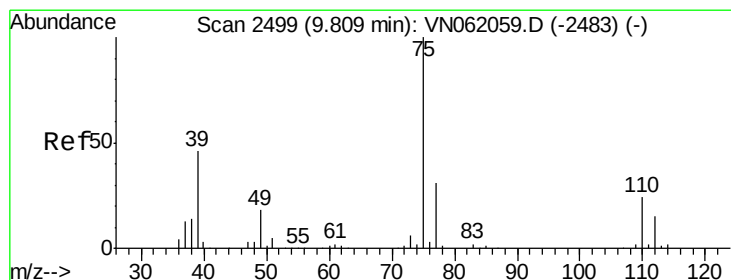
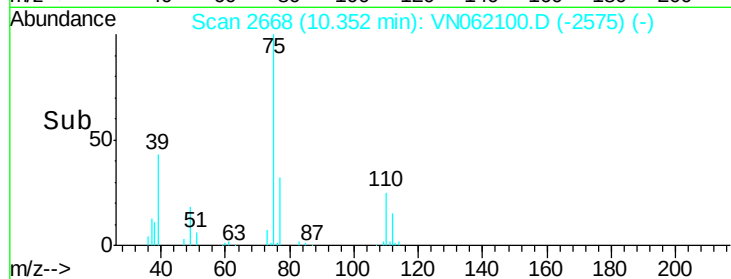
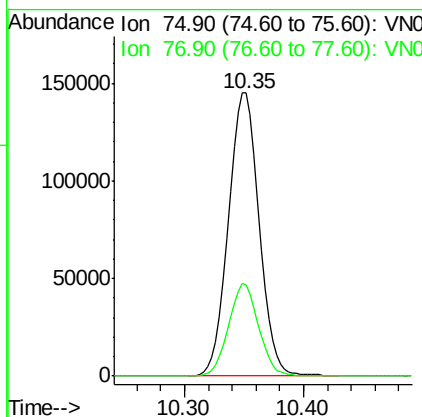
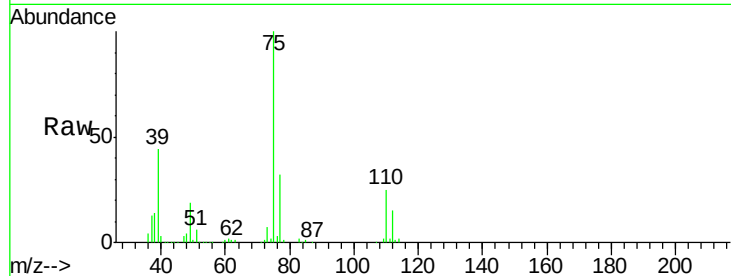
#53
 t-1,3-Dichloropropene
 Concen: 50.829 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.5	38.3

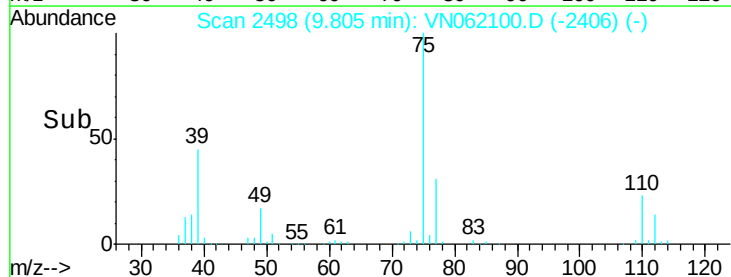
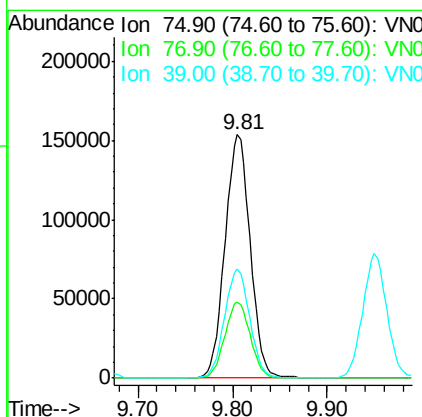
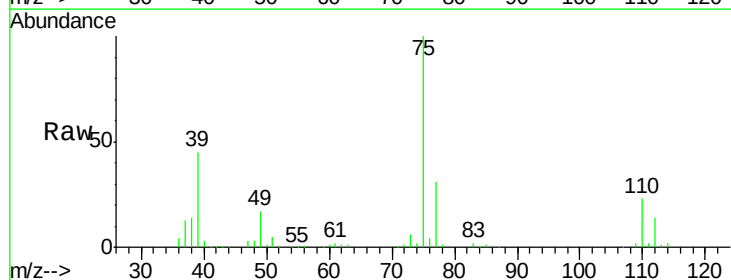
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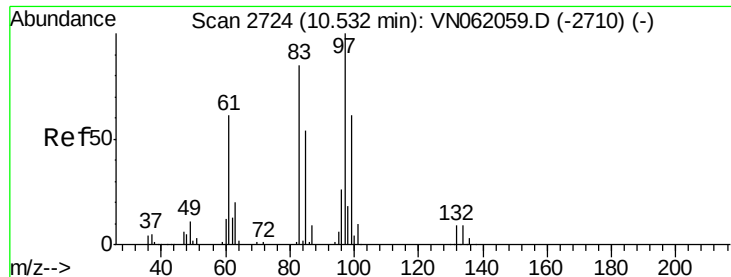
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#54
 cis-1,3-Dichloropropene
 Concen: 52.205 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.6
39	44.8	36.9	55.3





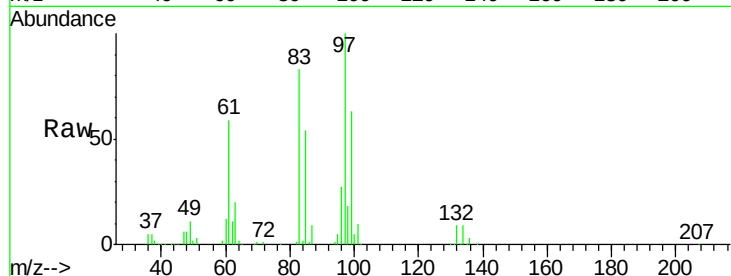
#55
 1,1,2-Trichloroethane
 Concen: 50.338 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

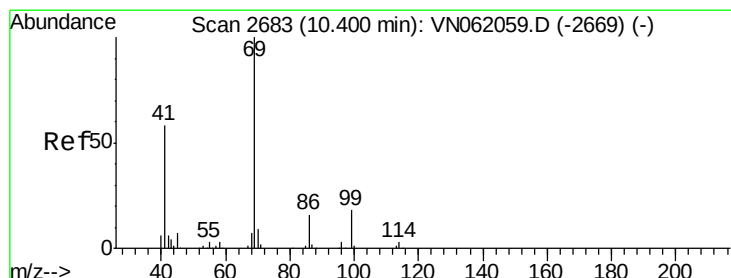
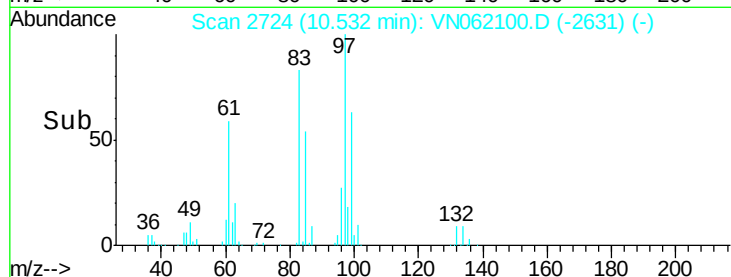
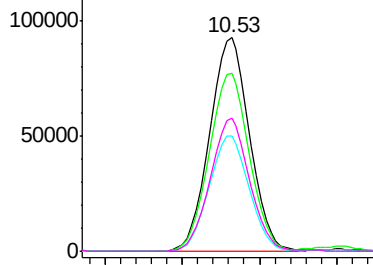
Tot Ion:	97	Resp:	166242
Ion	Ratio	Lower	Upper
97	100		
83	83.4	68.2	102.2
85	53.7	43.2	64.8
99	62.6	48.5	72.7

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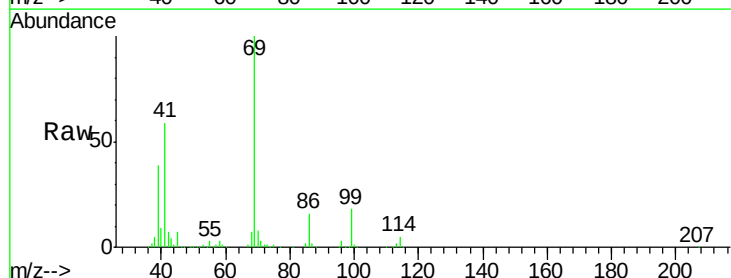


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

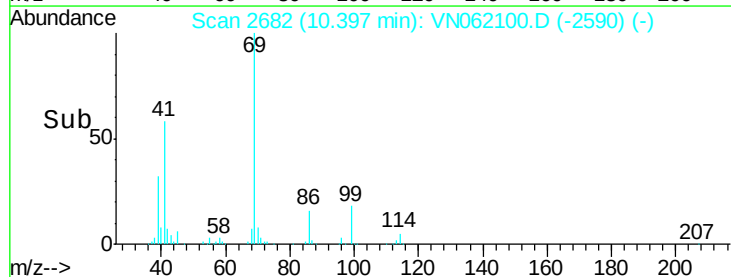
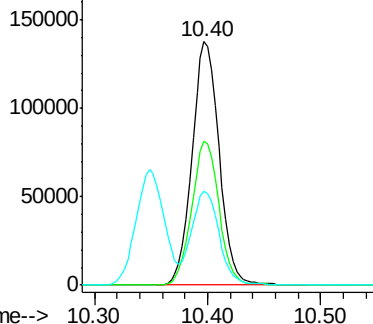


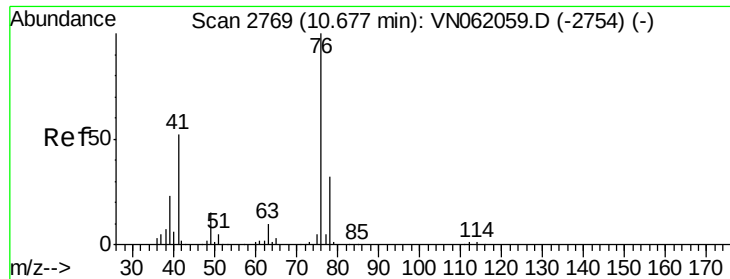
#56
 Ethyl methacrylate
 Concen: 52.189 ug/l
 RT: 10.40 min Scan# 2682
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion:	69	Resp:	230010
Ion	Ratio	Lower	Upper
69	100		
41	58.7	46.6	70.0
39	38.8	31.0	46.4



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





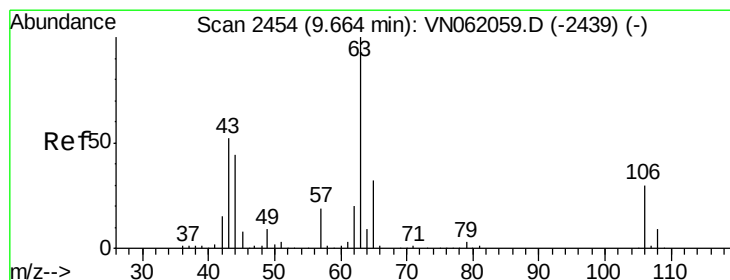
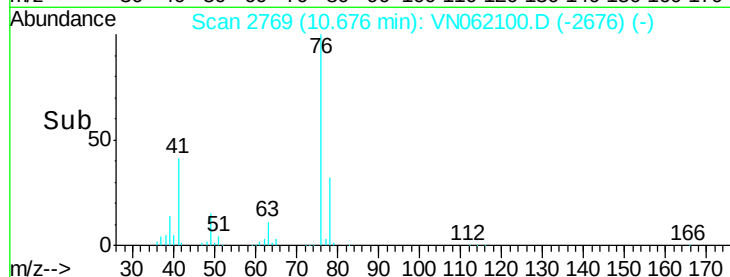
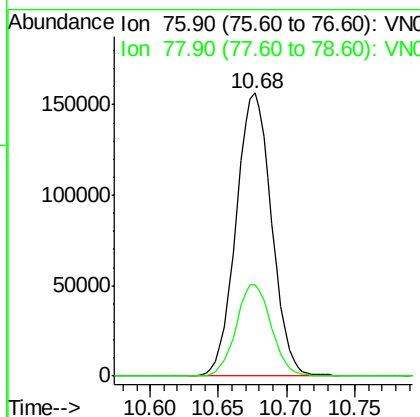
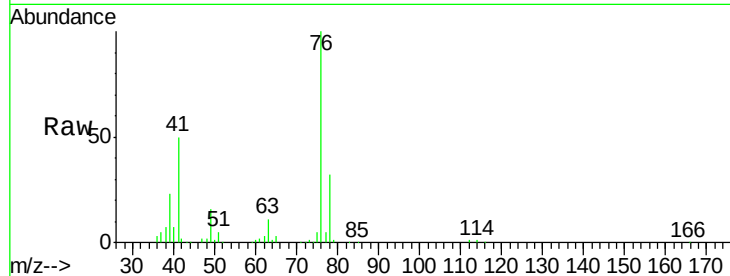
#57
 1,3-Dichloropropane
 Concen: 49.814 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 283164
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

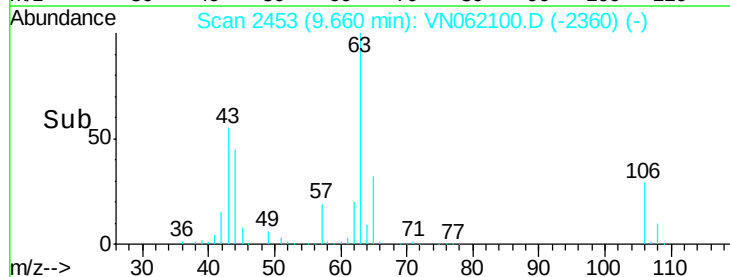
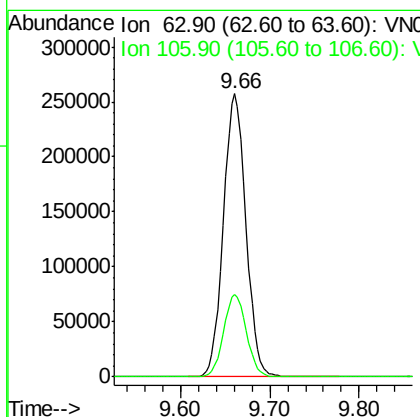
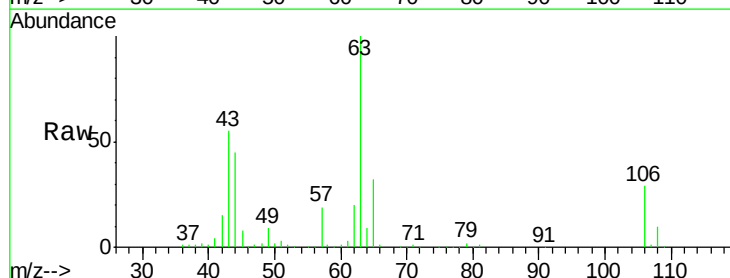
Manual Integrations
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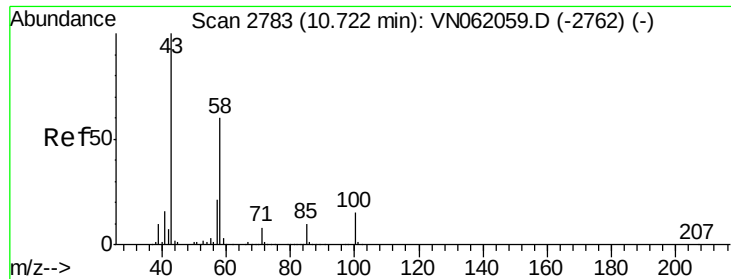
MMDadoda
 6/26/2020 7:00:52 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 240.144 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion: 63 Resp: 449340
 Ion Ratio Lower Upper
 63 100
 106 29.3 23.2 34.8





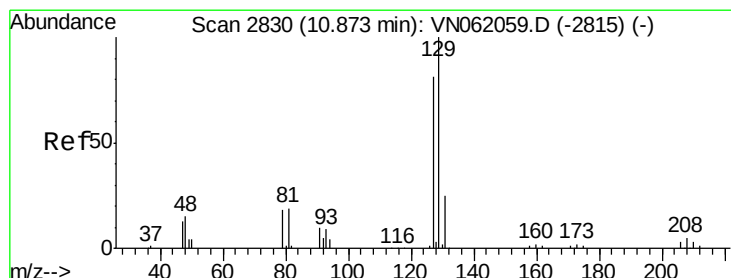
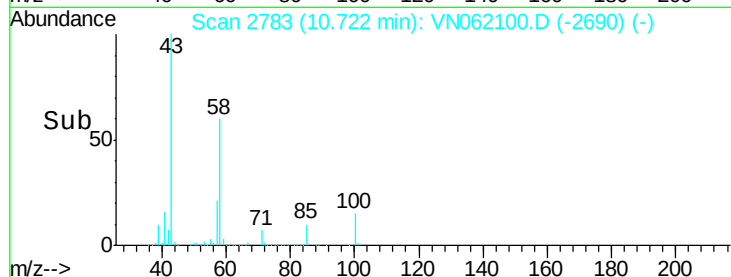
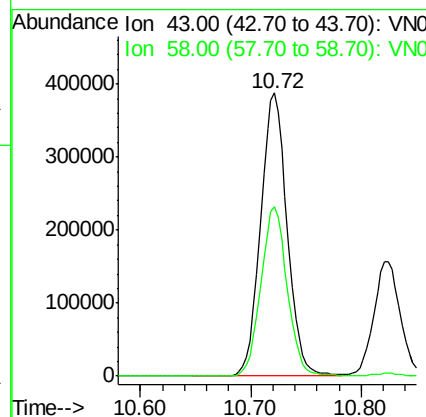
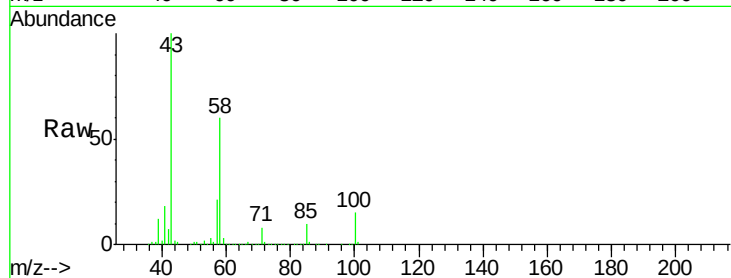
#59
2-Hexanone
Concen: 250.845 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	645350
Ion Ratio	100	Lower	Upper
43	100		
58	59.5	29.5	88.5

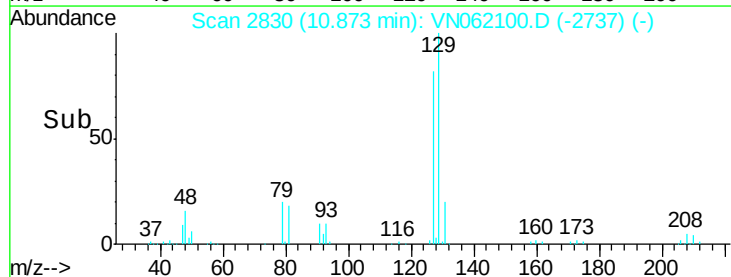
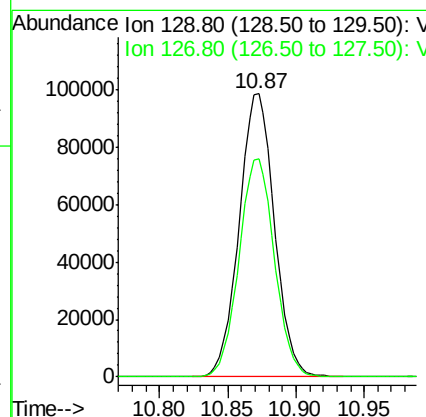
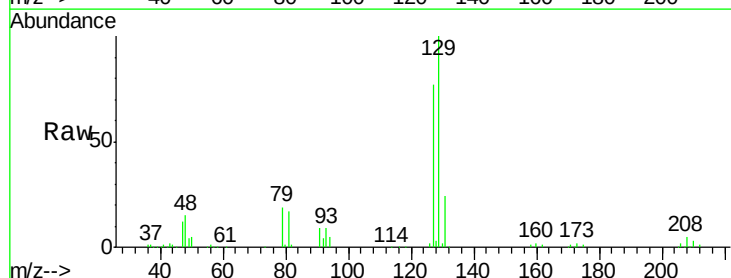
Manual Integrations
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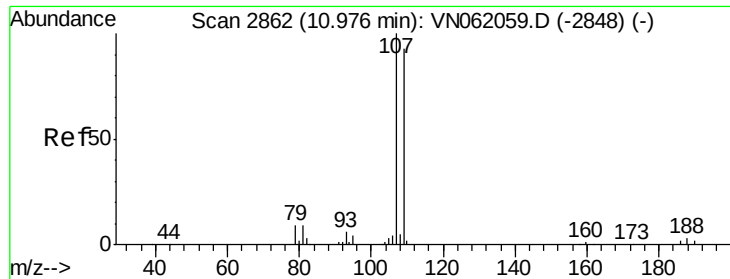
MMDadoda
6/26/2020 7:00:52 PM



#60
Dibromochloromethane
Concen: 50.616 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	129	Resp	176974
Ion Ratio	100	Lower	Upper
129	100		
127	77.3	39.5	118.5





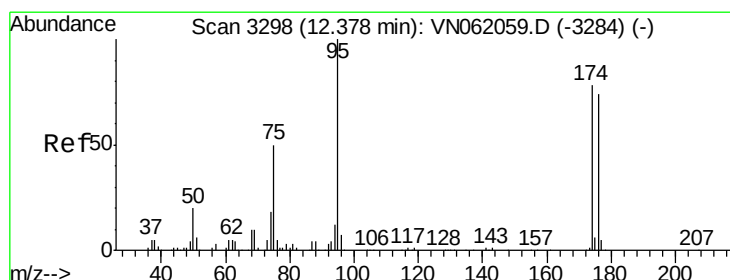
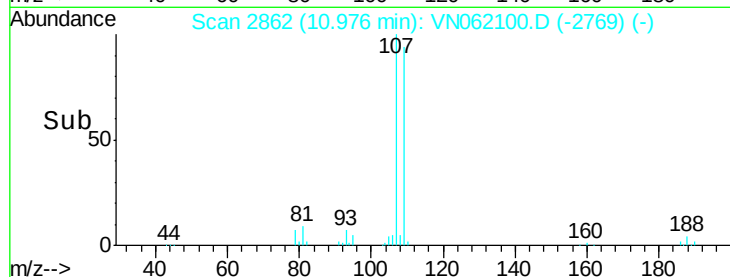
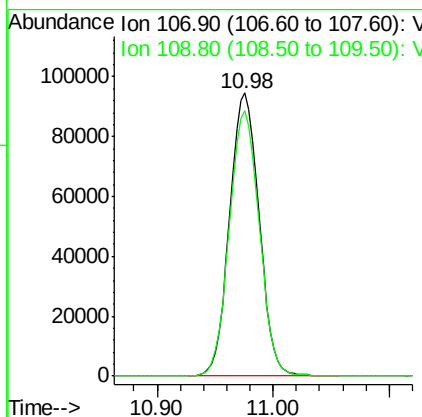
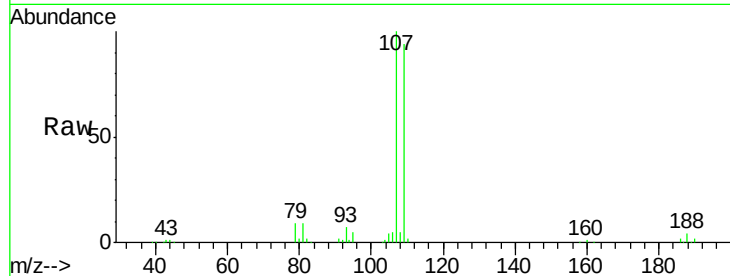
#61
 1,2-Dibromoethane
 Concen: 49.245 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	75.0	112.6

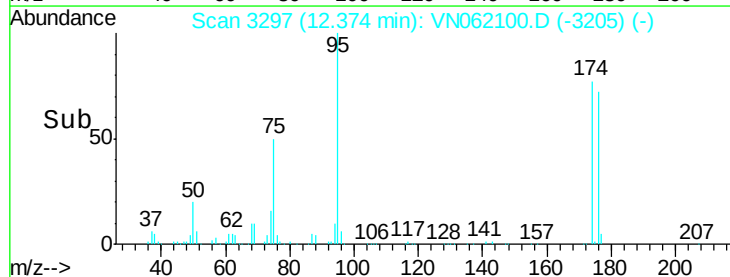
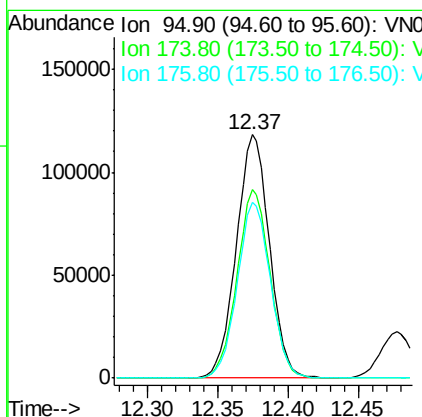
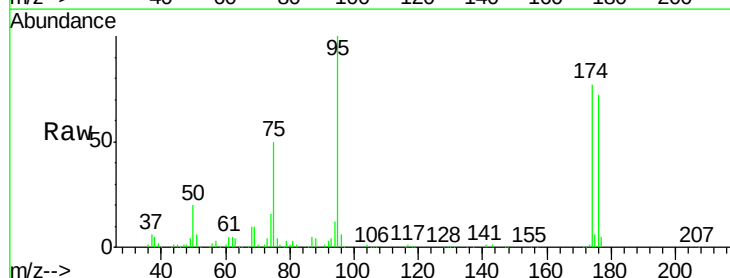
Manual Integrations
 APPROVED

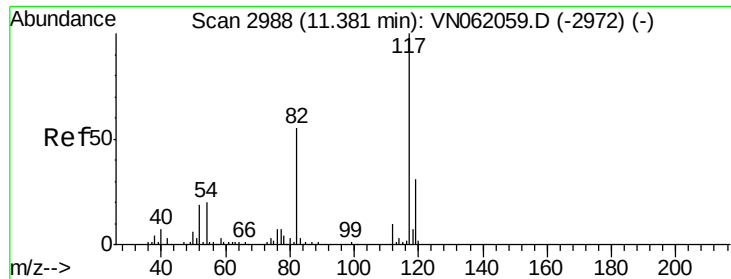
MMDadoda
 6/26/2020 7:00:52 PM



#62
 4-Bromofluorobenzene
 Concen: 49.956 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	154.8
176	72.5	0.0	147.4





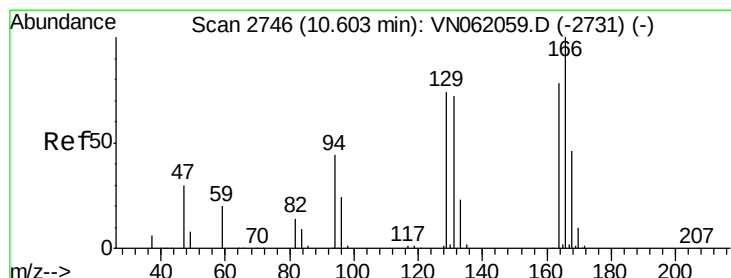
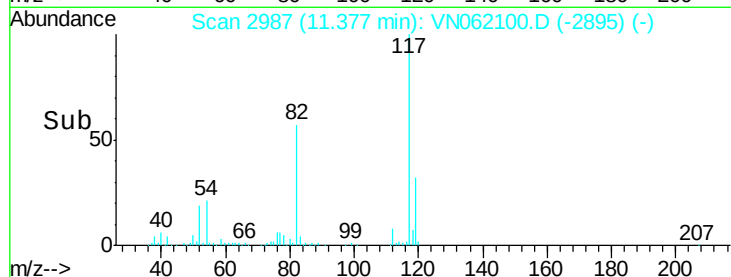
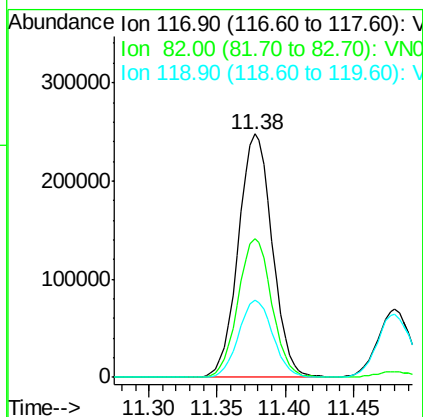
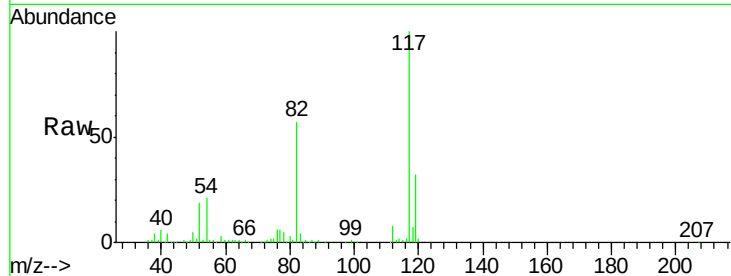
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.2	43.8	65.8
119	31.8	25.2	37.8

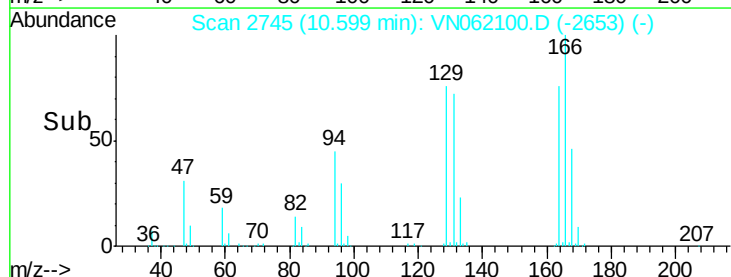
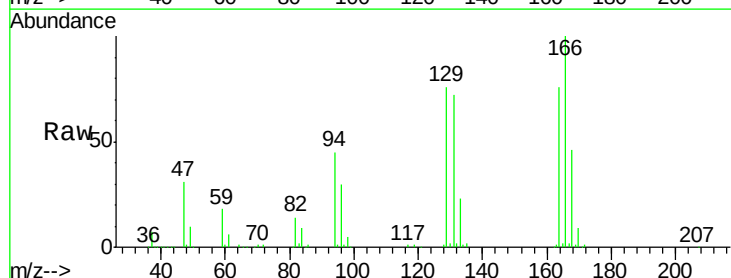
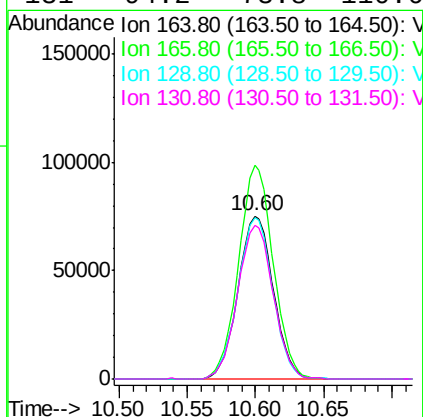
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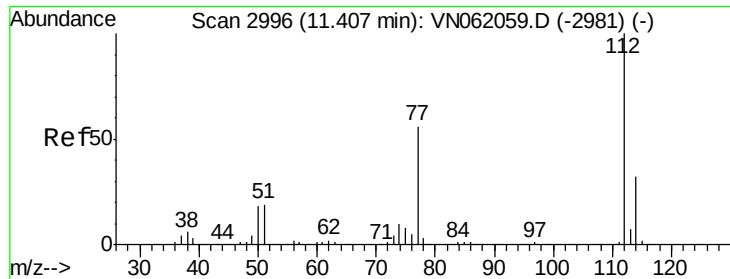
MMDadoda
6/26/2020 7:00:52 PM



#64
Tetrachloroethene
Concen: 46.159 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.2	102.9	154.3
129	99.2	75.8	113.8
131	94.2	73.8	110.6





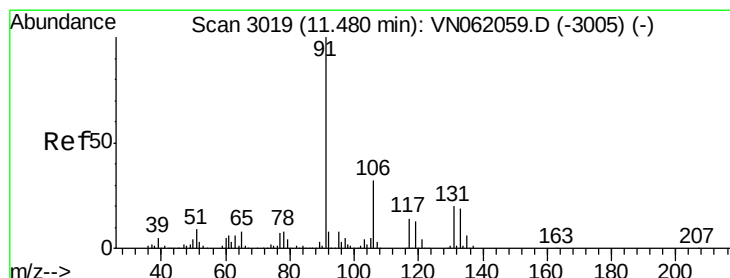
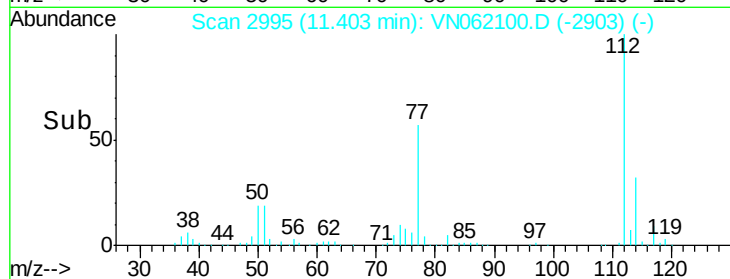
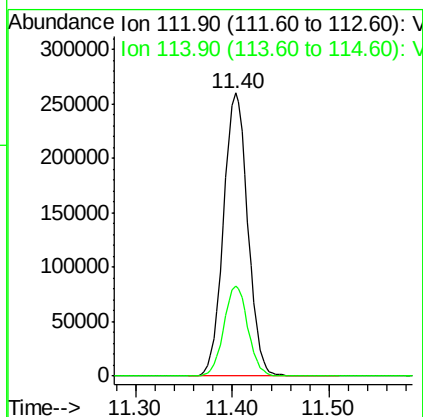
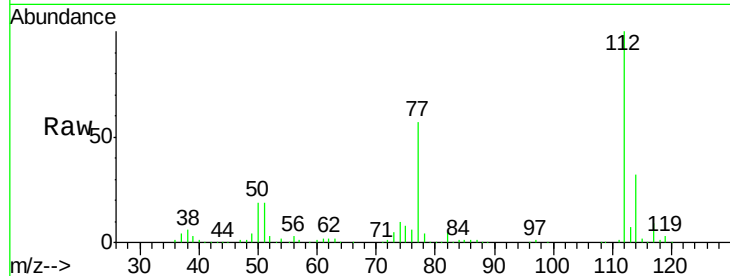
#65
Chlorobenzene
Concen: 48.323 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion:112 Resp: 454895
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

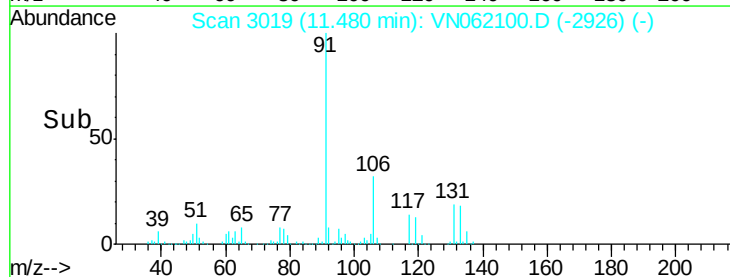
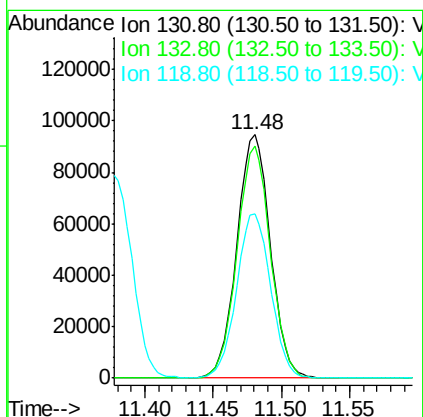
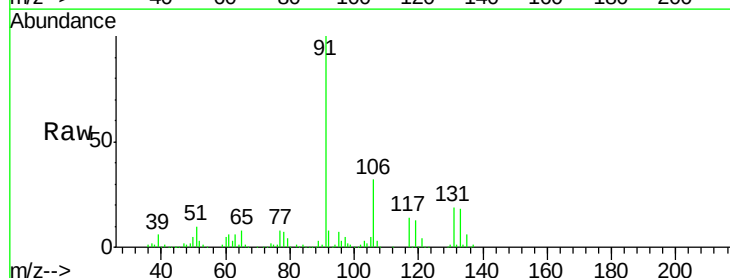
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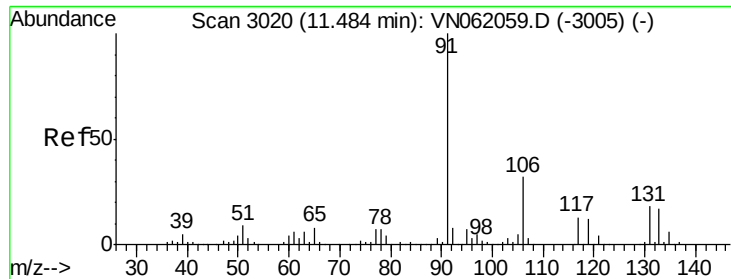
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.705 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion:131 Resp: 161797
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 68.6 34.4 103.3





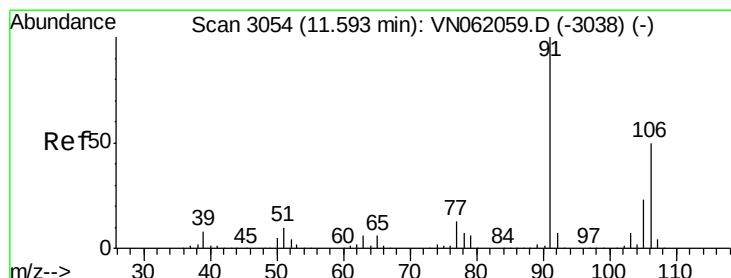
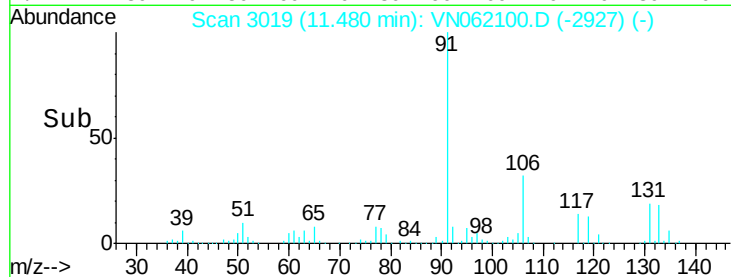
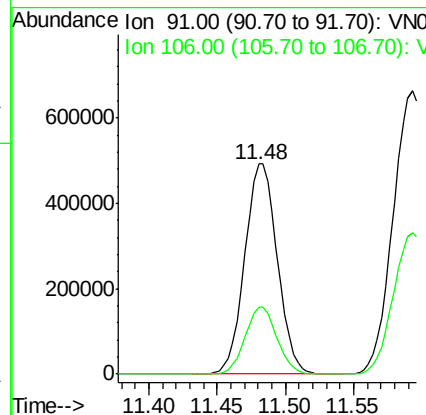
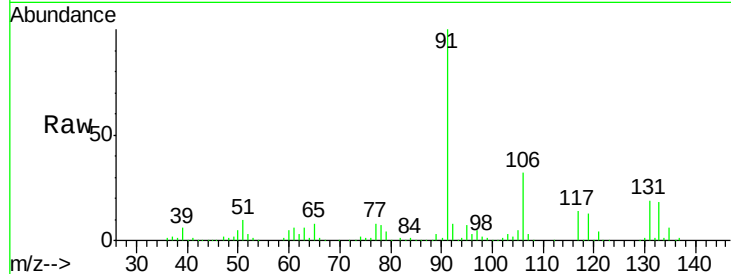
#67
Ethyl Benzene
Concen: 51.374 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 816769
Ion Ratio Lower Upper
91 100
106 31.8 25.3 37.9

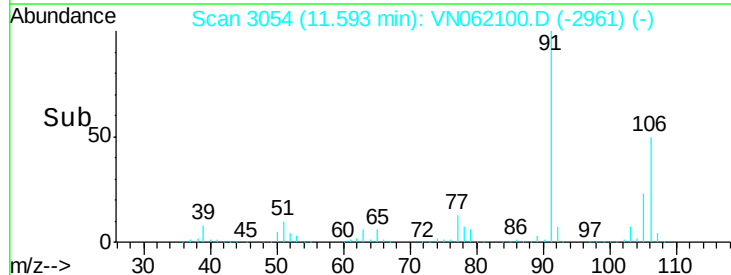
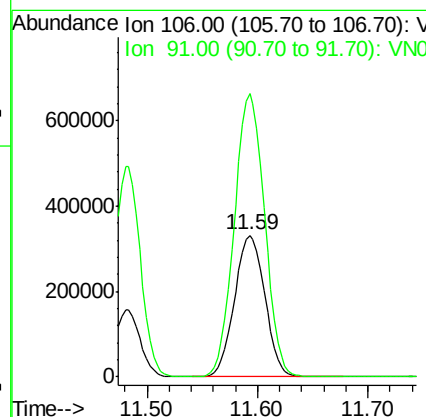
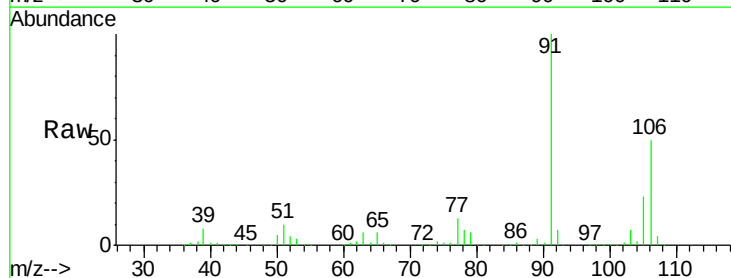
Manual Integrations
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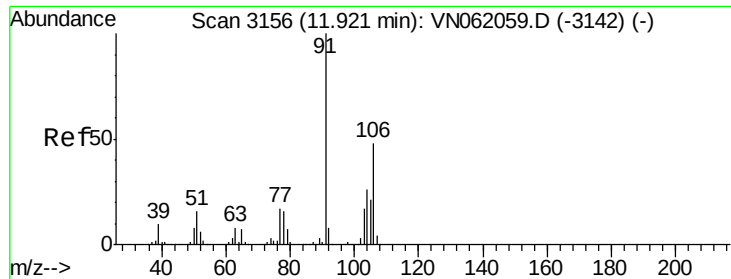
MMDadoda
6/26/2020 7:00:52 PM



#68
m/p-Xylenes
Concen: 102.658 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion: 106 Resp: 631273
Ion Ratio Lower Upper
106 100
91 200.0 157.8 236.8





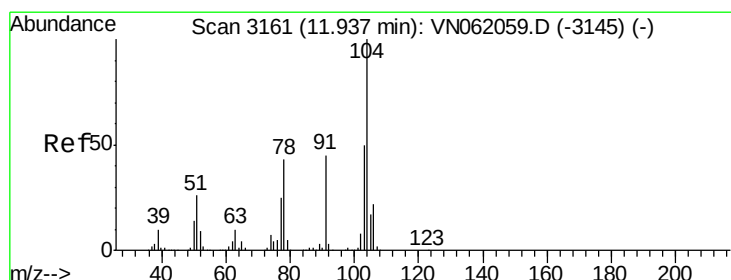
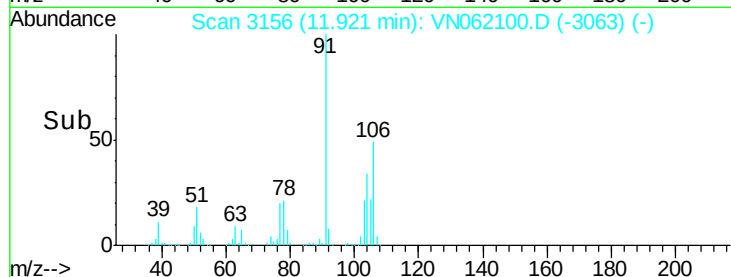
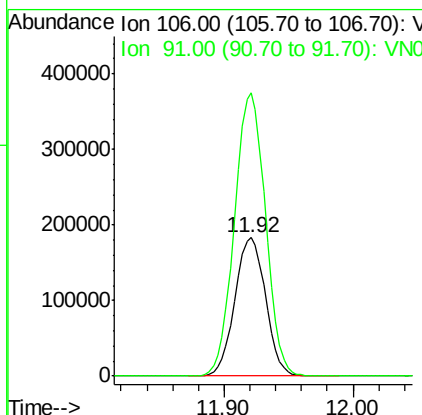
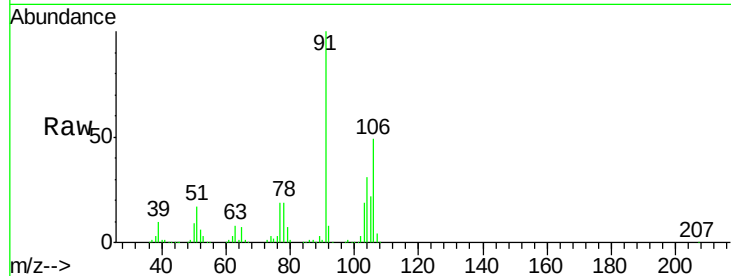
#69
o-Xylene
Concen: 52.542 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	304844		
91	91	205.6	104.0	311.9	

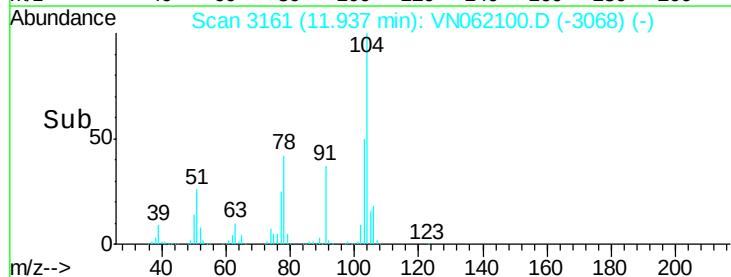
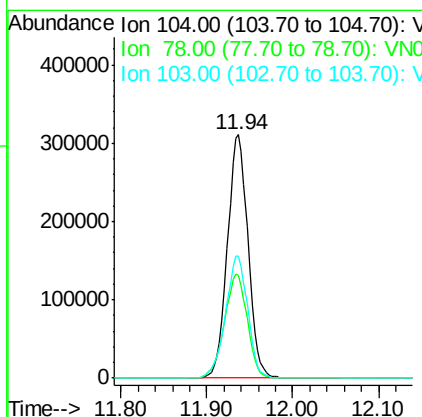
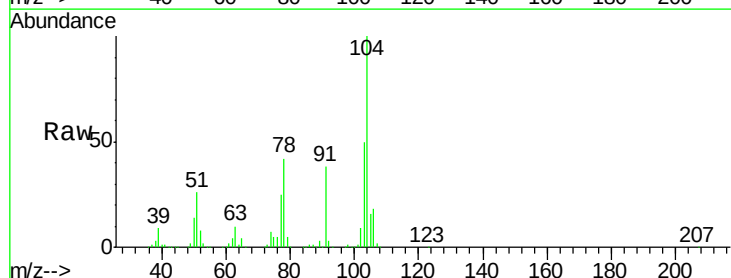
Manual Integrations
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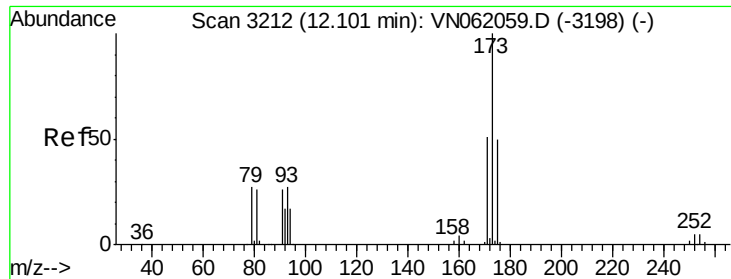
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#70
Styrene
Concen: 53.621 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	518843		
78	78	47.3	37.7	56.5	
103	103	53.9	43.0	64.6	





#71

Bromoform

Concen: 49.465 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

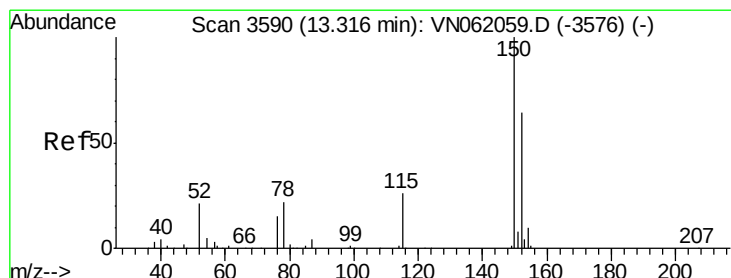
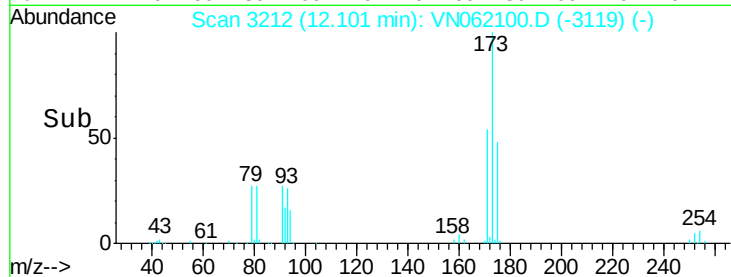
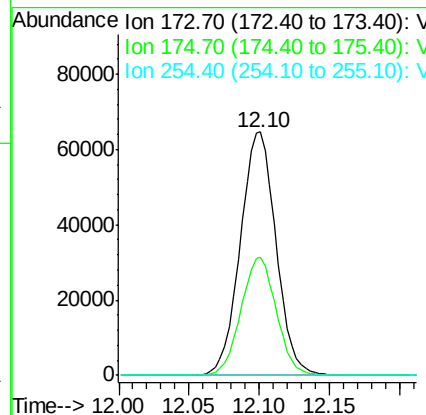
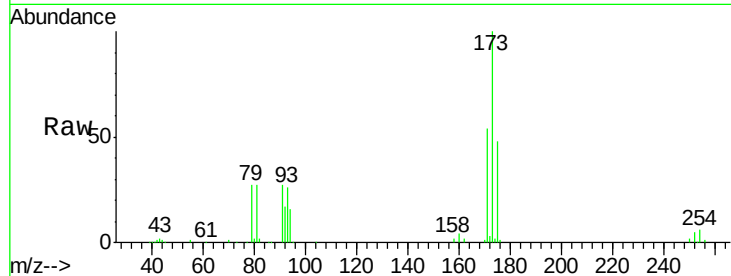
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	114482
Ion Ratio	Lower	Upper	
173	100		
175	47.8	24.7	74.1
254	0.0	0.0	0.0

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

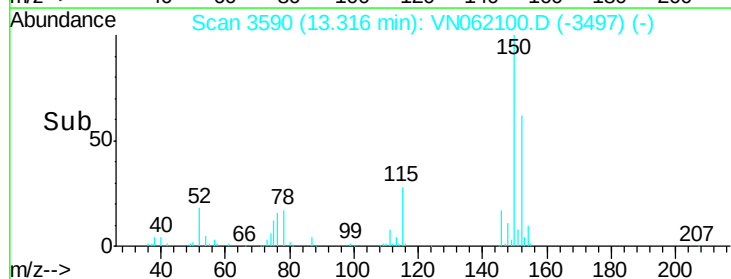
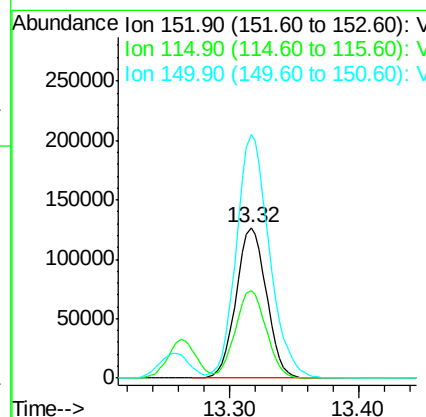
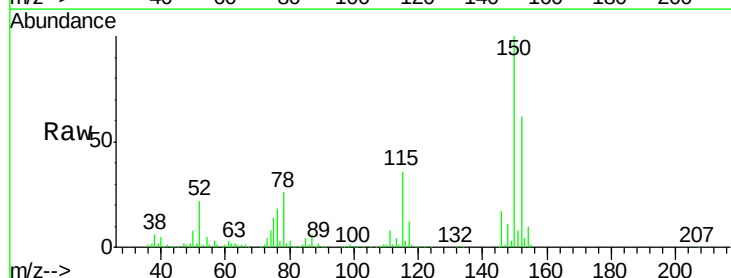
RT: 13.32 min Scan# 3590

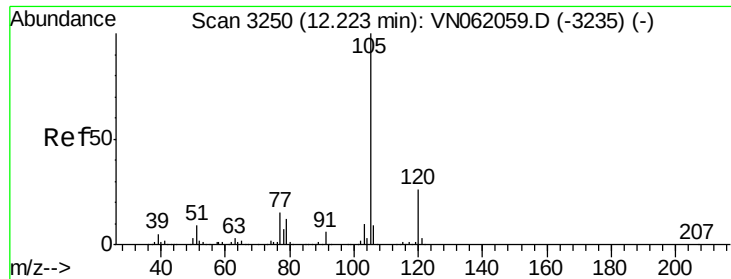
Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion:	152	Resp:	207585
Ion Ratio	Lower	Upper	
152	100		
115	58.9	29.5	88.5
150	174.2	0.0	351.4





#73

Isopropylbenzene

Concen: 49.349 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 792983

Ion Ratio Lower Upper

105 100

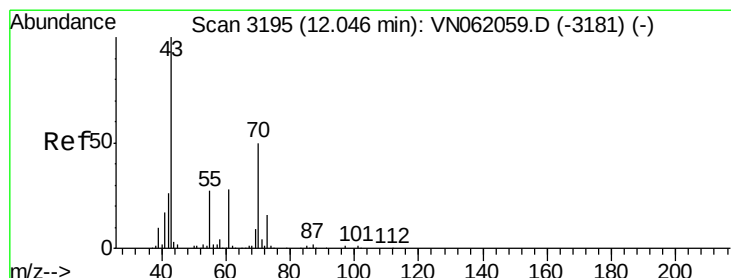
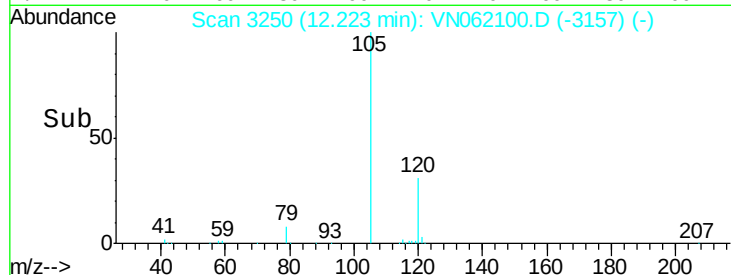
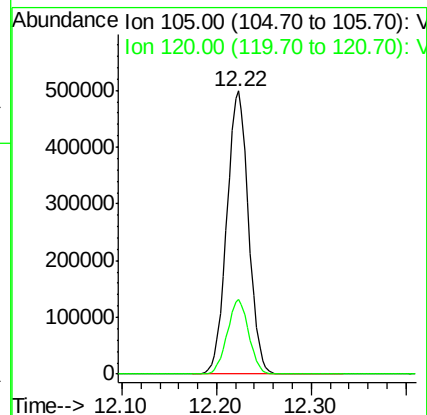
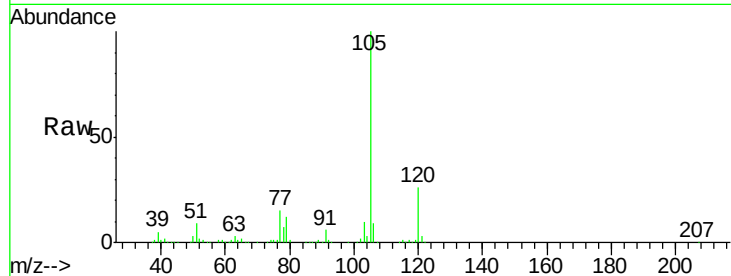
120 26.3 13.2 39.6

Manual Integrations

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#74

N-ethyl acetate

Concen: 45.799 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion: 43 Resp: 269130

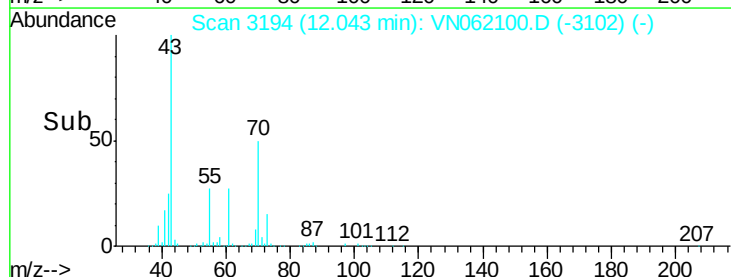
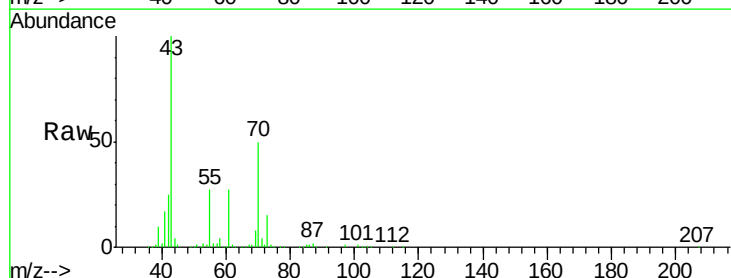
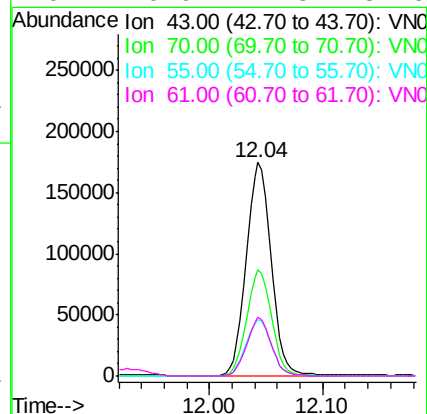
Ion Ratio Lower Upper

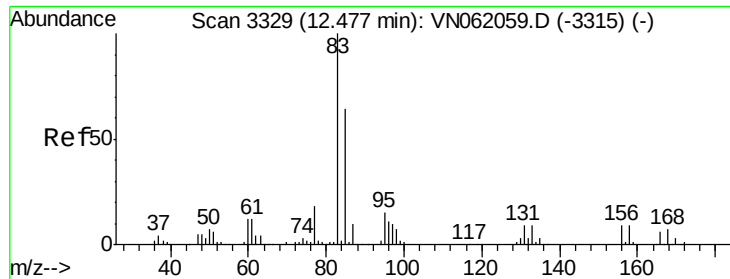
43 100

70 49.7 39.4 59.2

55 27.3 21.7 32.5

61 26.9 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 44.752 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

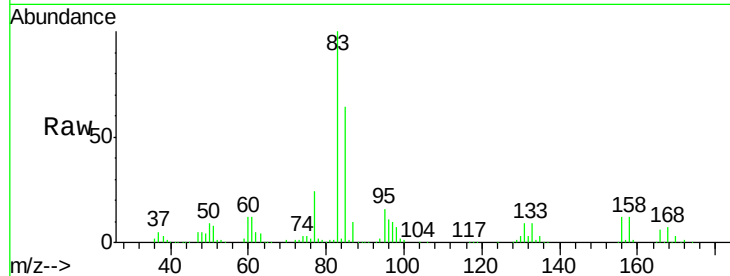
ClientSampleId :

VSTDCCC050

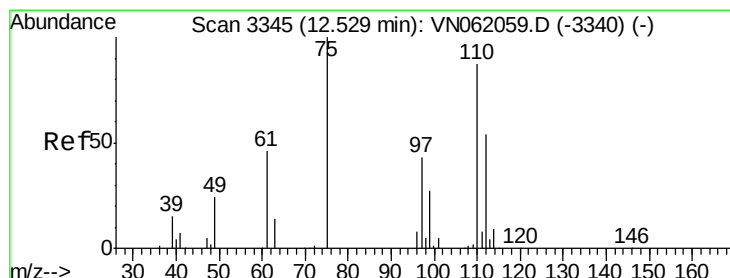
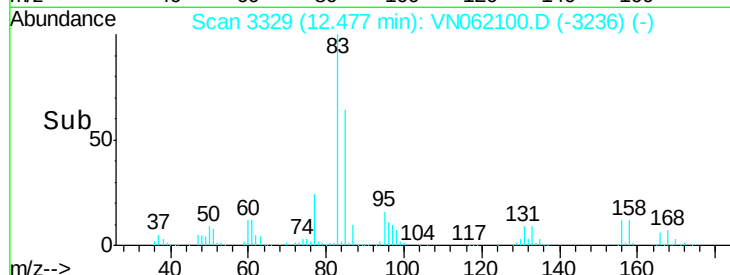
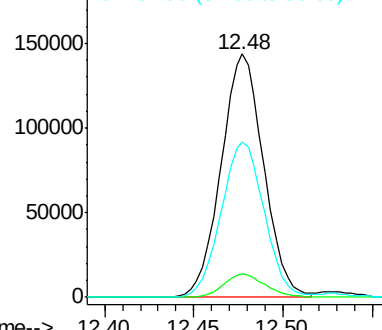
Tot Ion	83	Resp	239300
Ion Ratio	Lower	Upper	
83	100		
131	9.5	4.8	14.4
85	64.8	32.4	97.0

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VN062100.D (-3236) (-)



#76

1,2,3-Trichloropropane

Concen: 43.279 ug/l m

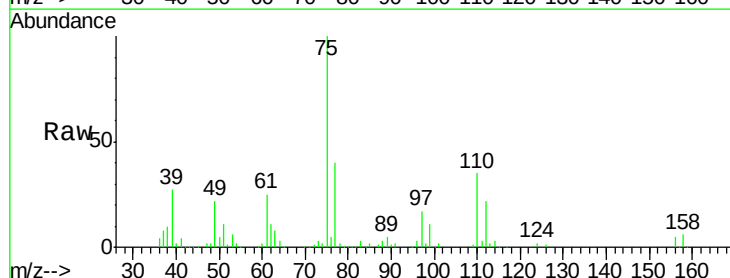
RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

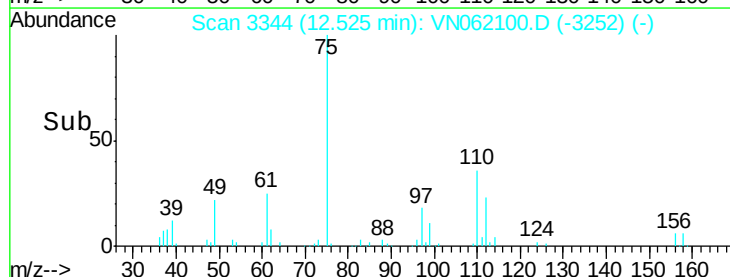
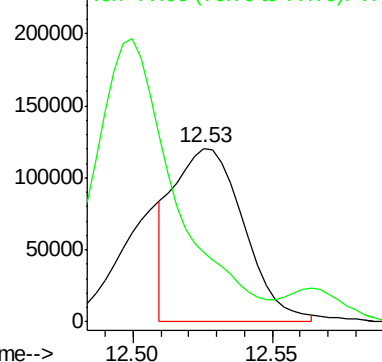
Lab File: VN062100.D

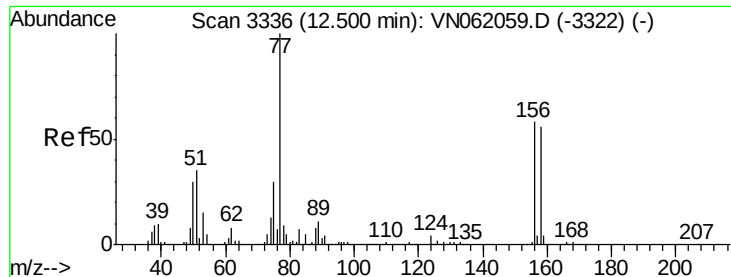
Acq: 25 Jun 2020 10:18

Tgt Ion	75	Resp	211493
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062100.D (-3252) (-)





#77

Bromobenzene

Concen: 46.428 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

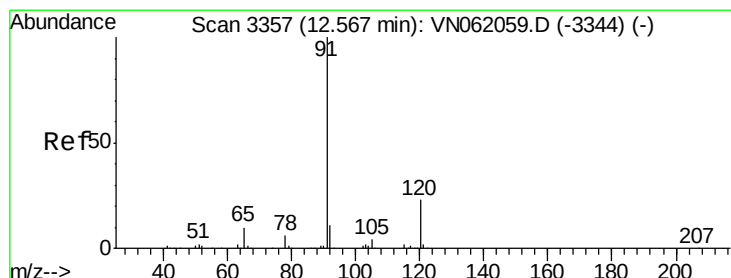
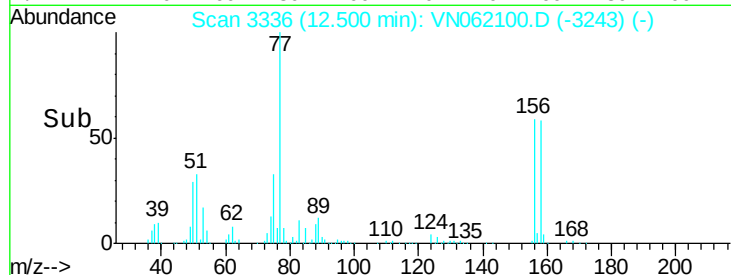
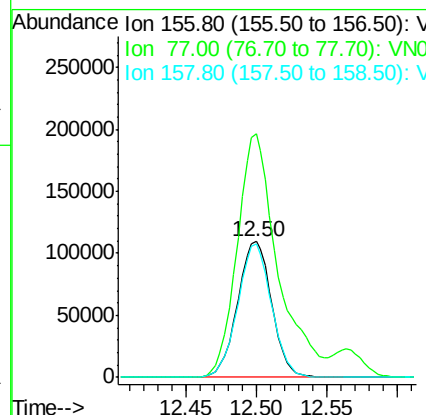
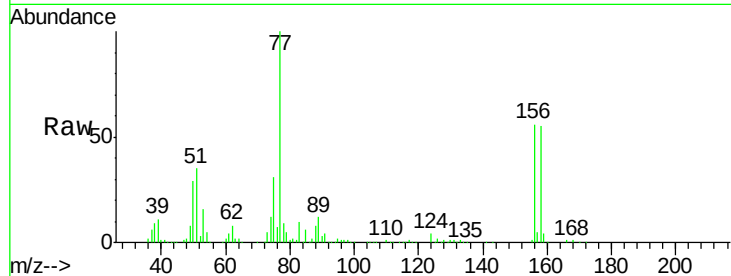
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100		185219		
77	213.3	104.6	313.8		
158	97.5	48.0	144.0		

Manual Integrations
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#78

n-propylbenzene

Concen: 50.813 ug/l

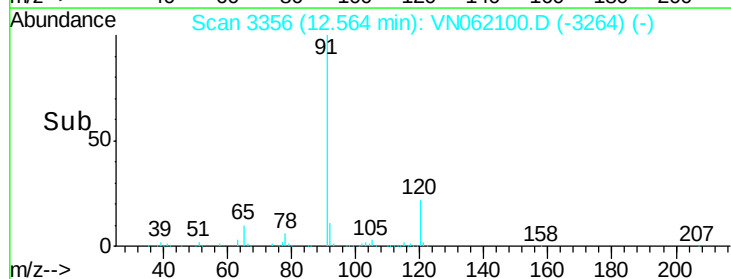
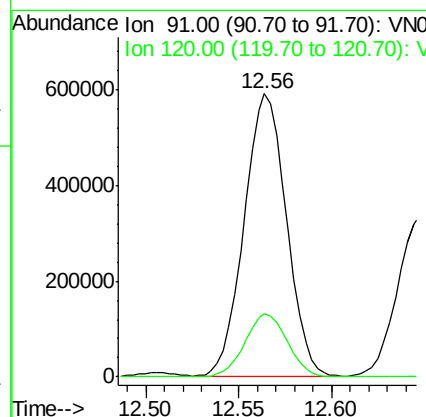
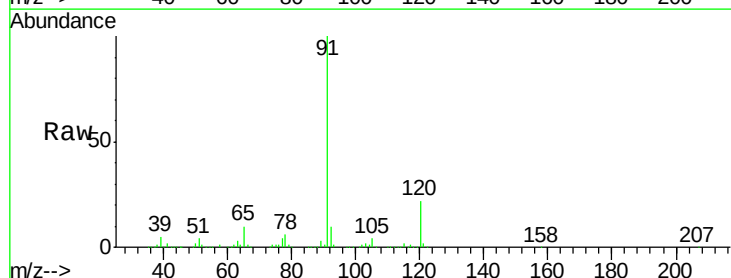
RT: 12.56 min Scan# 3356

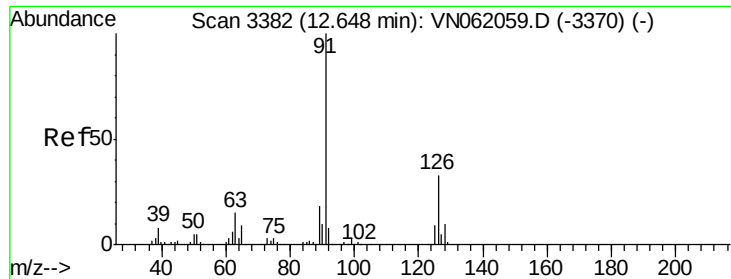
Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		933954		
120	22.5	11.4	34.1		





#79

2-Chlorotoluene

Concen: 48.989 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 544352

Ion Ratio Lower Upper

91 100

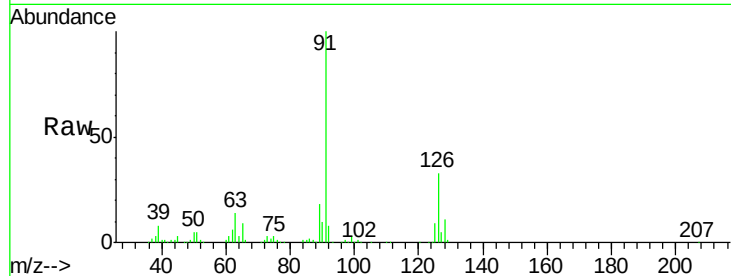
126 33.3 16.9 50.7

Manual Integrations

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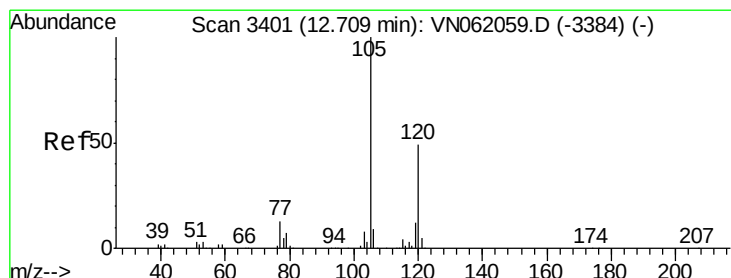
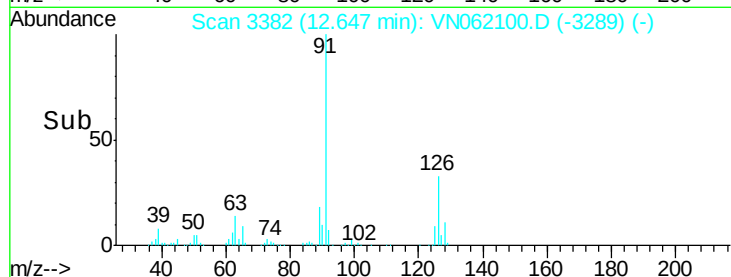
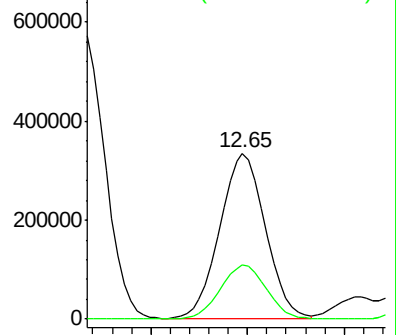
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VN062100.D (-3382) (-)

Ion 125.90 (125.60 to 126.60): VN062100.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.365 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN062100.D

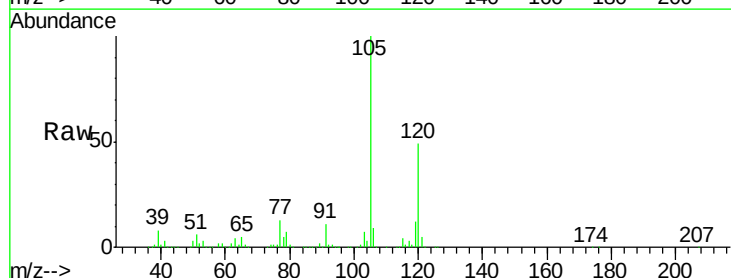
Acq: 25 Jun 2020 10:18

Tgt Ion: 105 Resp: 669092

Ion Ratio Lower Upper

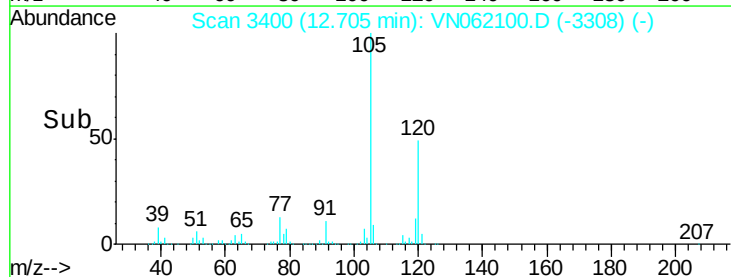
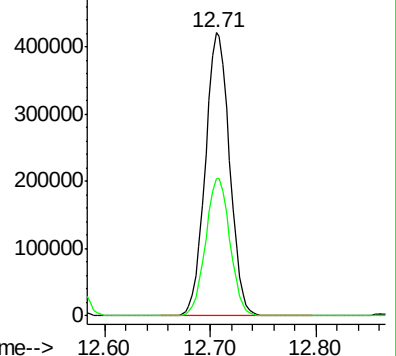
105 100

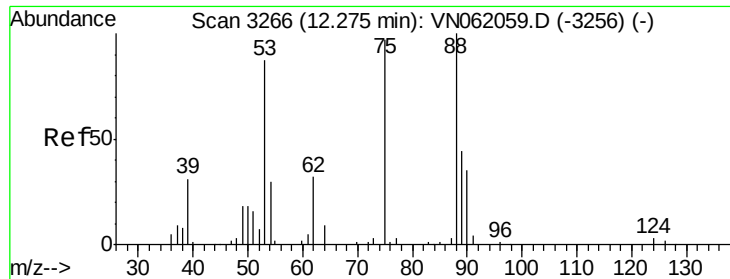
120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062100.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN062100.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.644 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

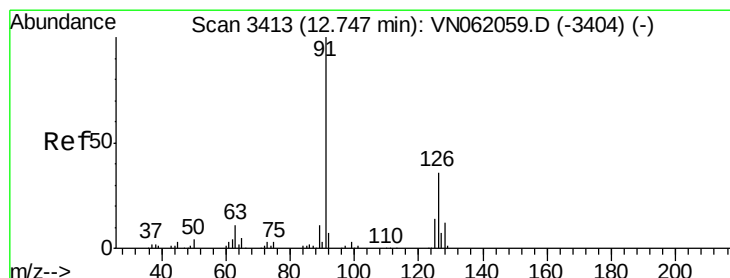
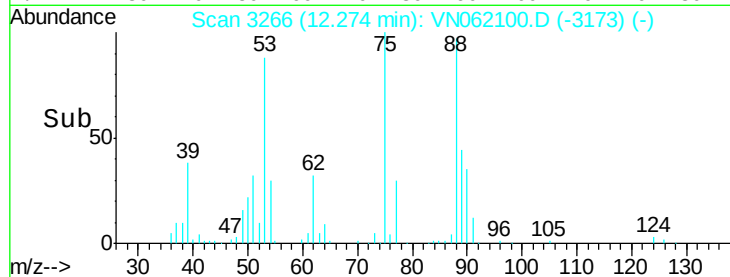
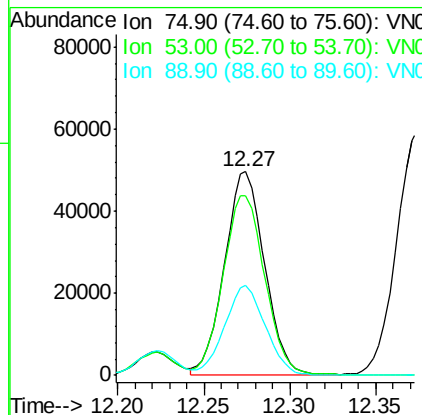
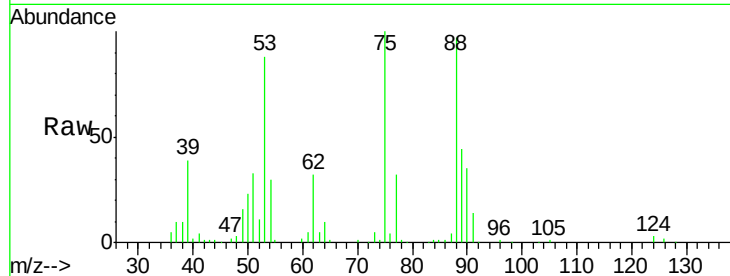
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	81397
Ion Ratio	Lower	Upper	
75	100		
53	91.6	72.0	108.0
89	44.5	36.9	55.3

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.330 ug/l

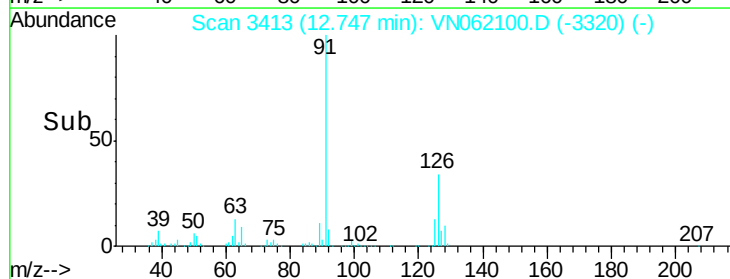
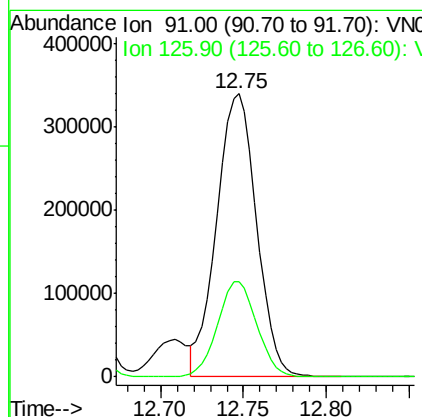
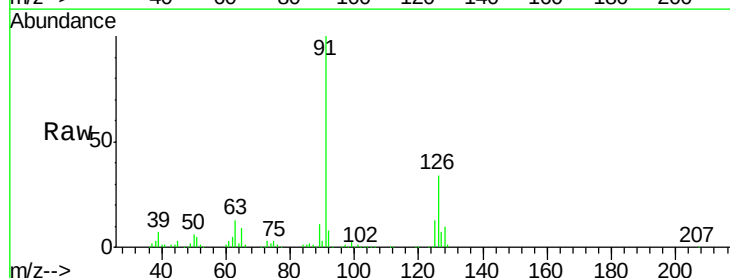
RT: 12.75 min Scan# 3413

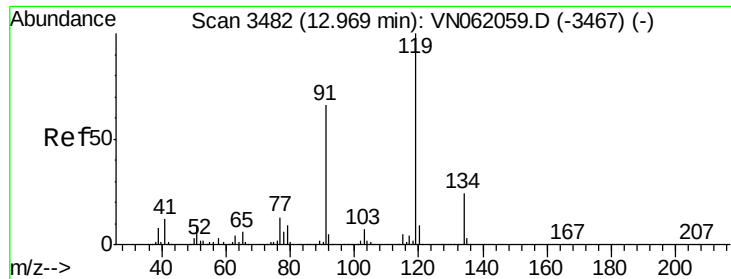
Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Tgt Ion:	91	Resp:	566837
Ion Ratio	Lower	Upper	
91	100		
126	33.4	16.7	50.1





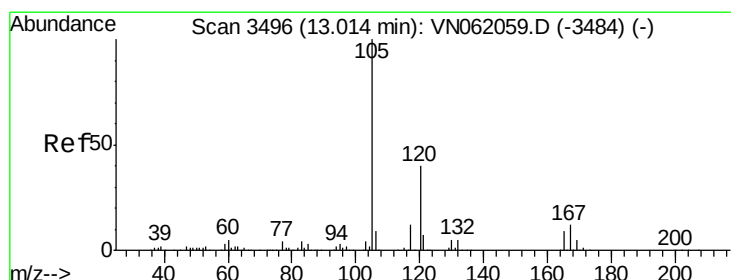
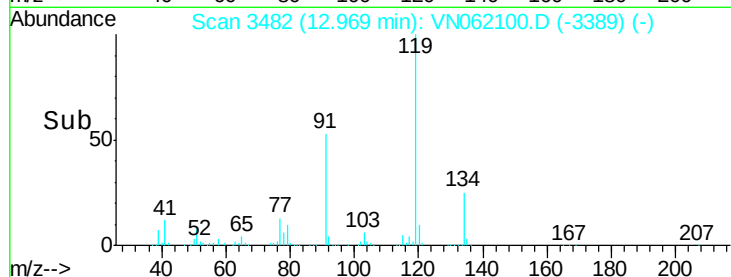
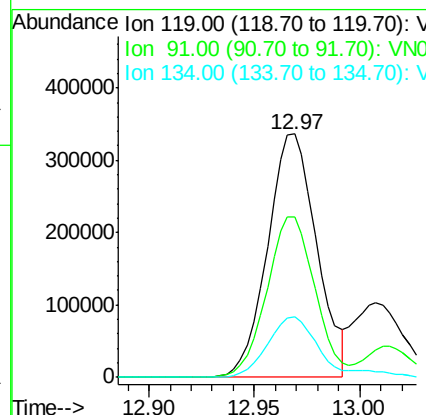
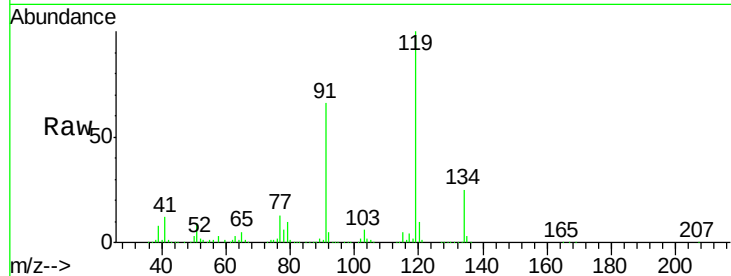
#83
 tert-Butylbenzene
 Concen: 48.873 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.8	31.7	95.1
134	27.0	13.1	39.1

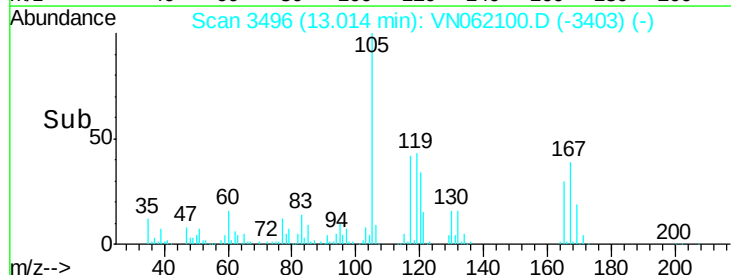
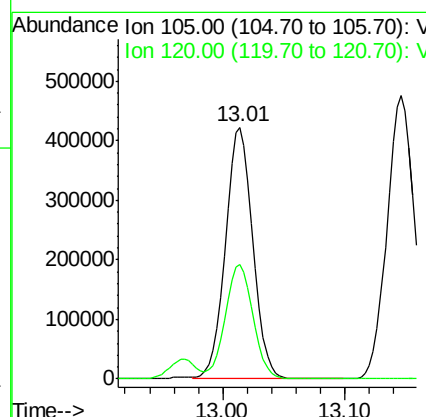
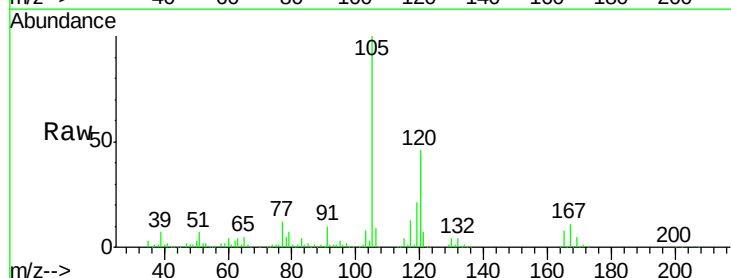
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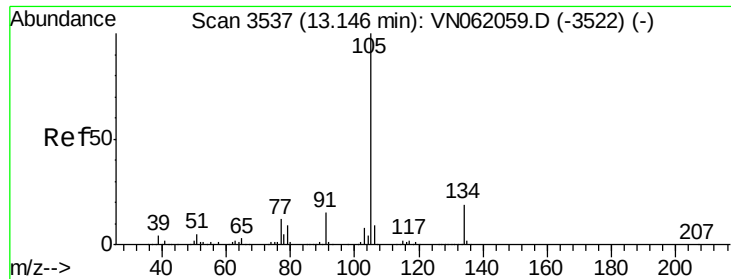
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.978 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.2	69.5





#85

sec-Butylbenzene

Concen: 50.720 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 747136

Ion Ratio Lower Upper

105 100

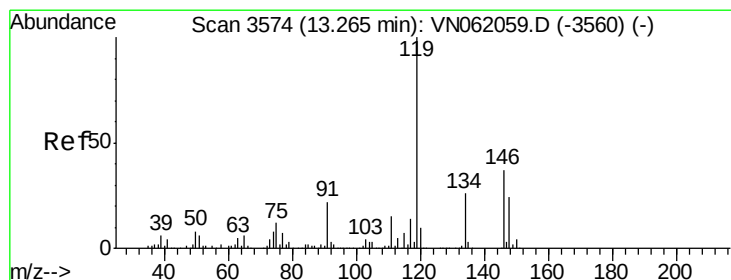
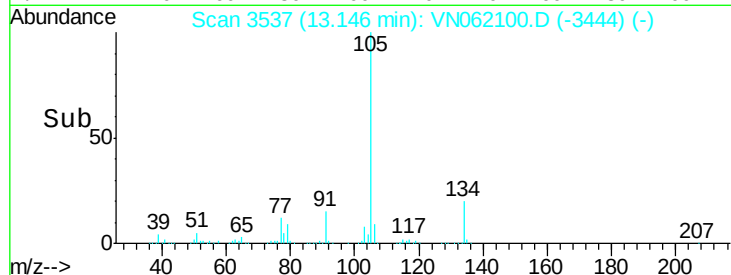
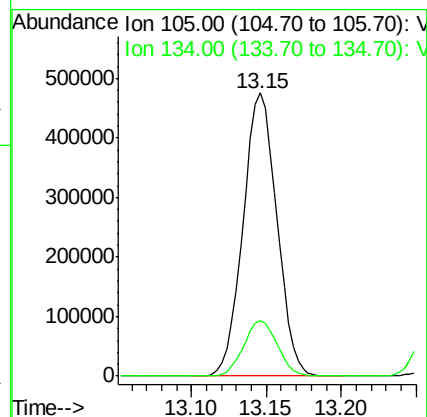
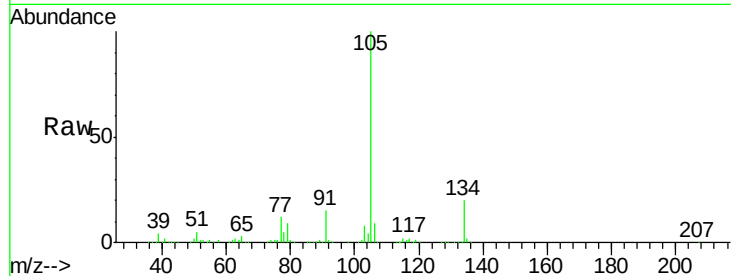
134 19.5 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.305 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN062100.D

Acq: 25 Jun 2020 10:18

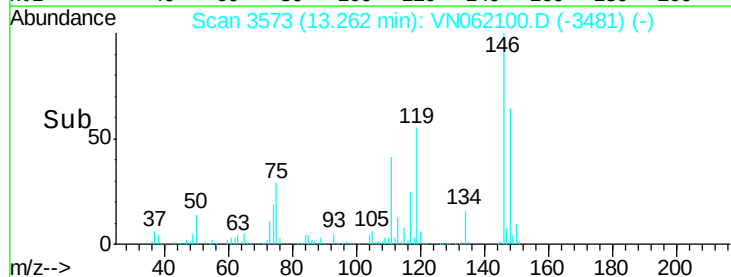
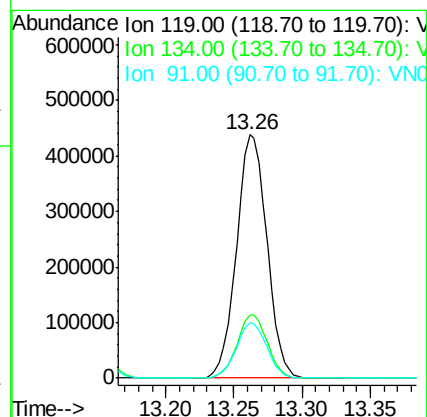
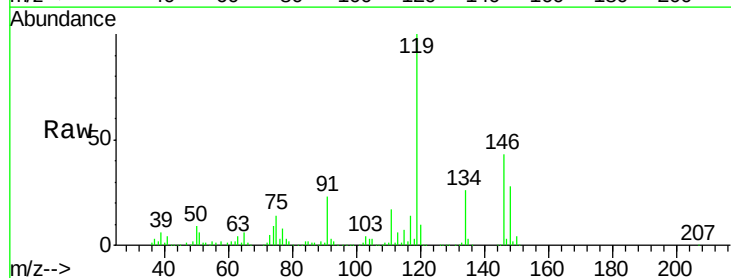
Tgt Ion:119 Resp: 675028

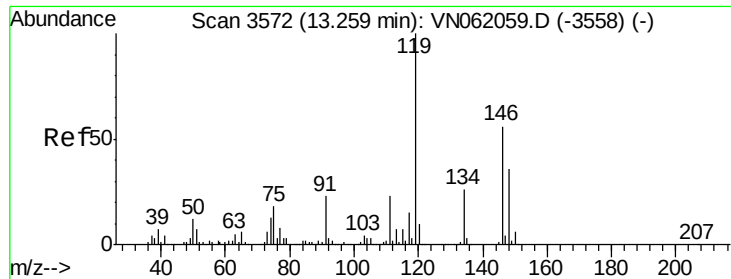
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 22.8 11.3 33.8





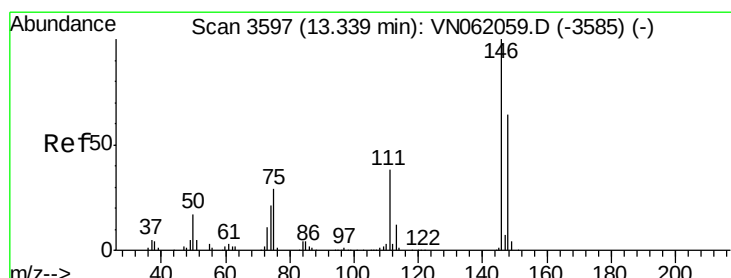
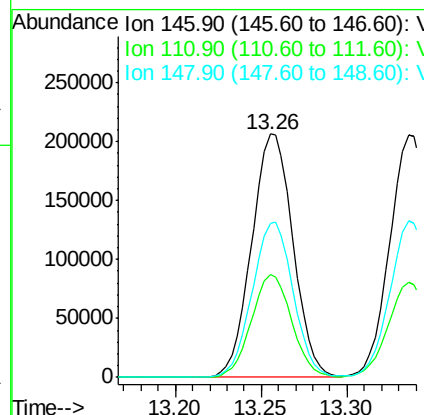
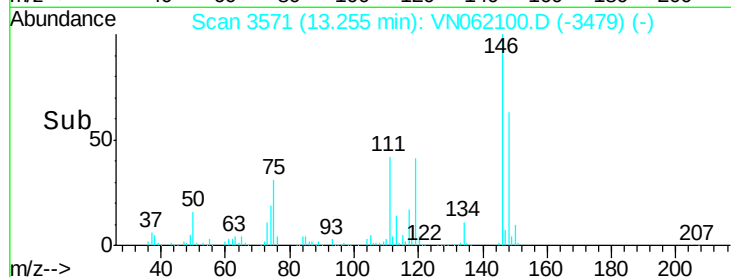
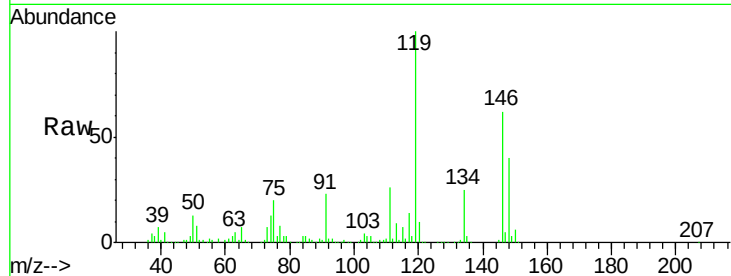
#87
 1,3-Dichlorobenzene
 Concen: 49.259 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.3	61.0
148	63.0	31.8	95.3

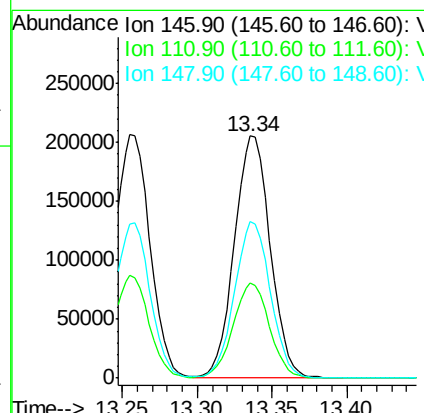
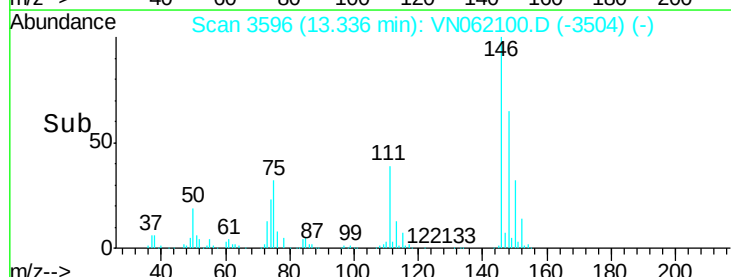
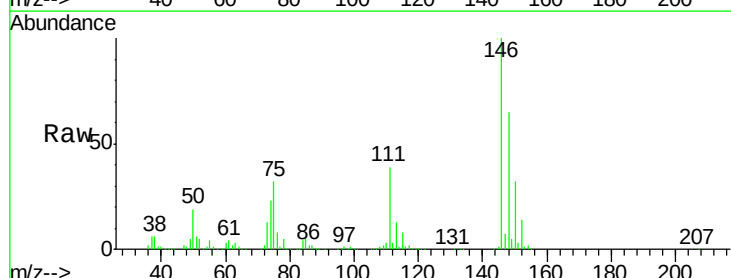
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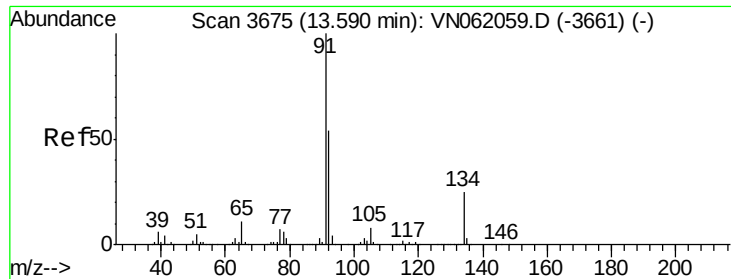
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#88
 1,4-Dichlorobenzene
 Concen: 47.422 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.9	59.6
148	64.6	31.9	95.9





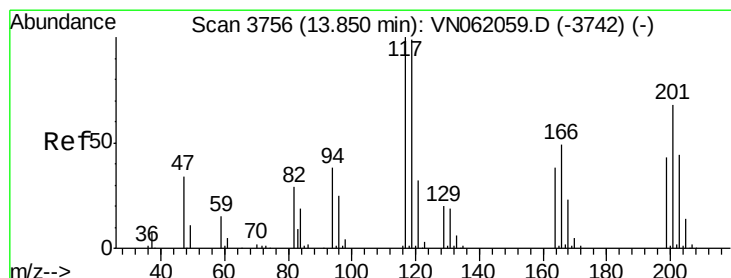
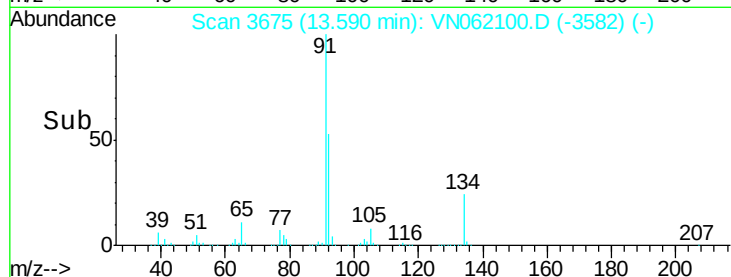
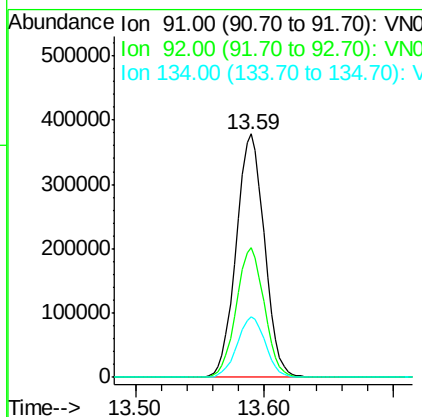
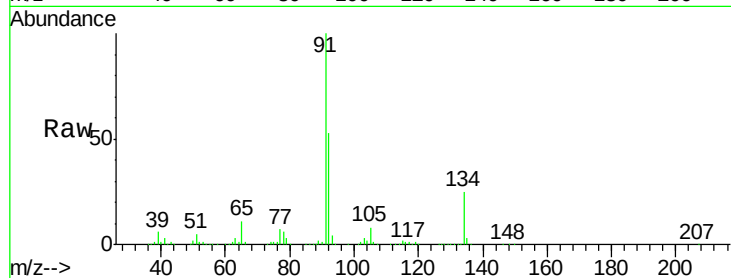
#89
n-Butylbenzene
Concen: 53.759 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.7
134	24.8	12.3	36.9

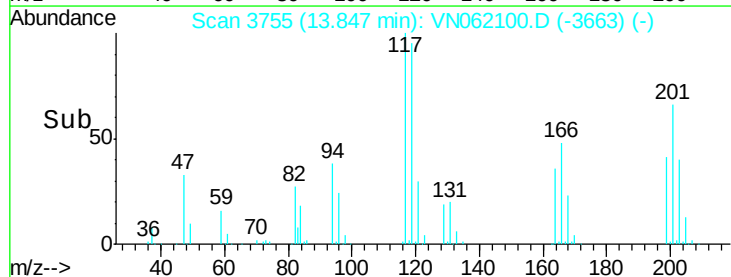
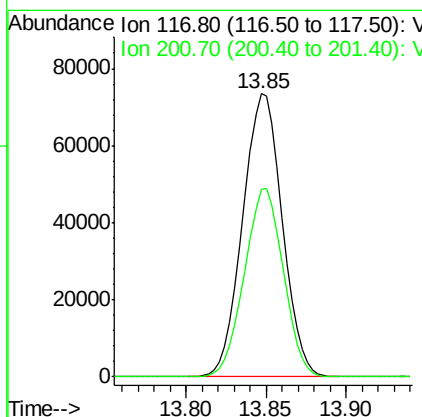
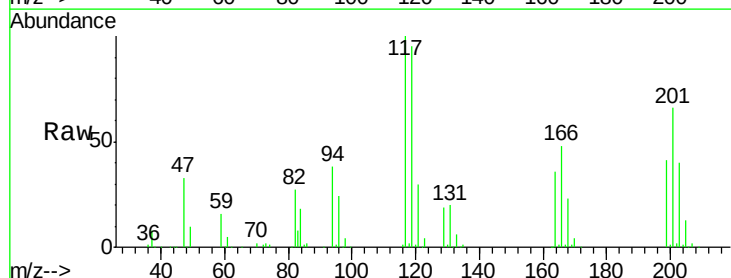
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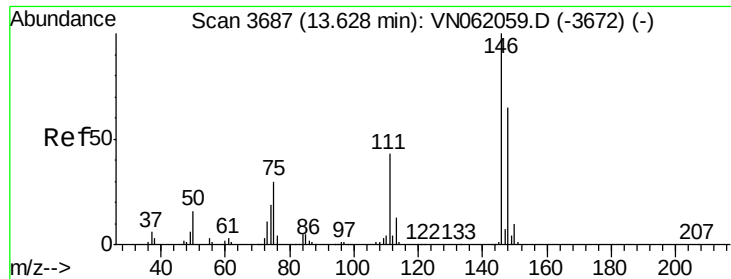
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#90
Hexachloroethane
Concen: 48.973 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.7	32.7	98.1





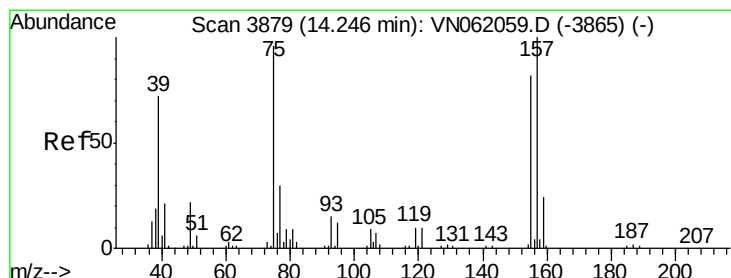
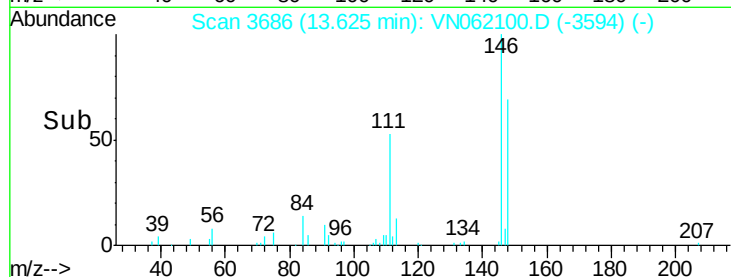
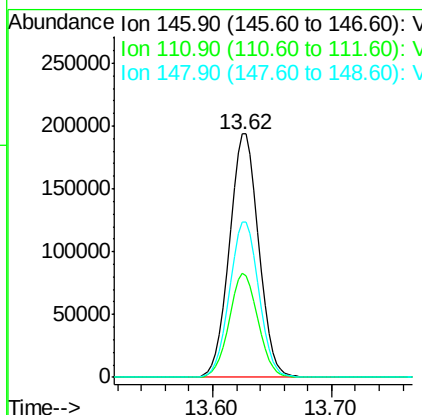
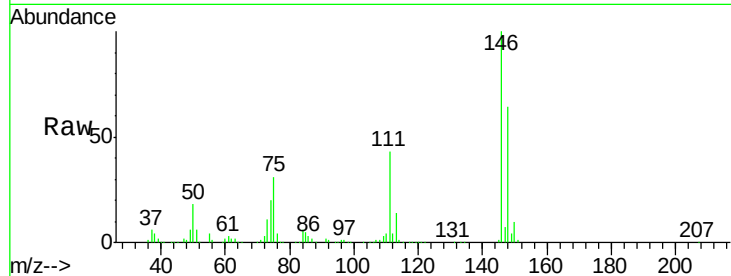
#91
 1,2-Dichlorobenzene
 Concen: 48.563 ug/l
 RT: 13.62 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.2	63.6
148	64.2	31.9	95.5

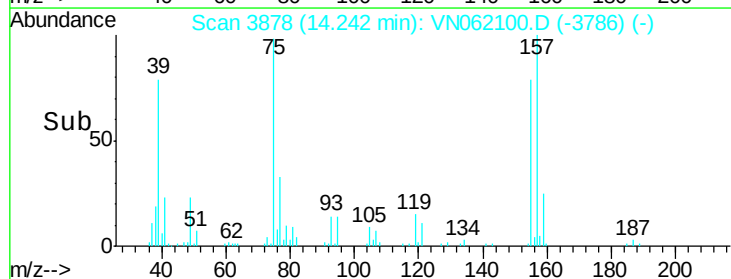
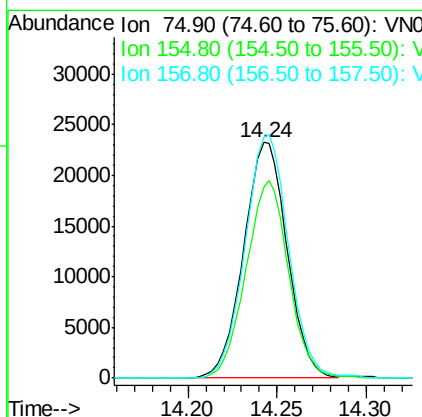
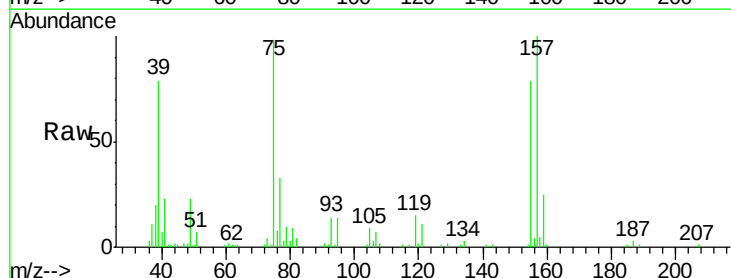
Manual Integrations
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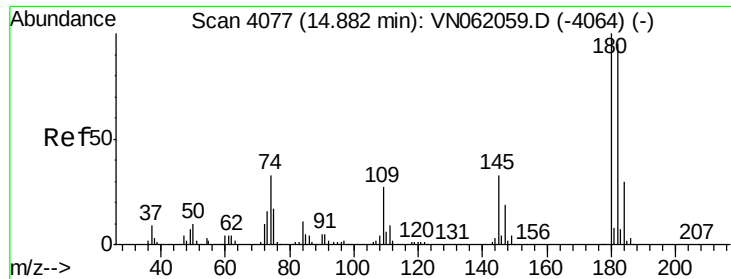
MMDadoda
 6/26/2020 7:00:52 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.287 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.0	40.8	122.4
157	103.6	51.4	154.3





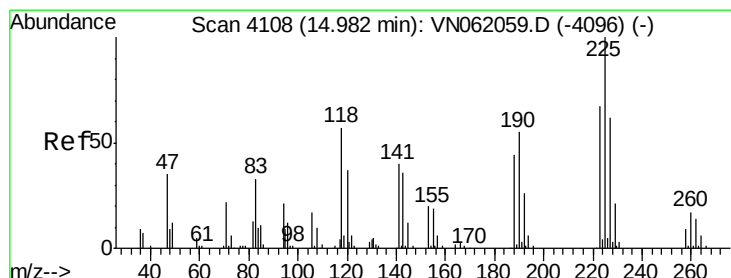
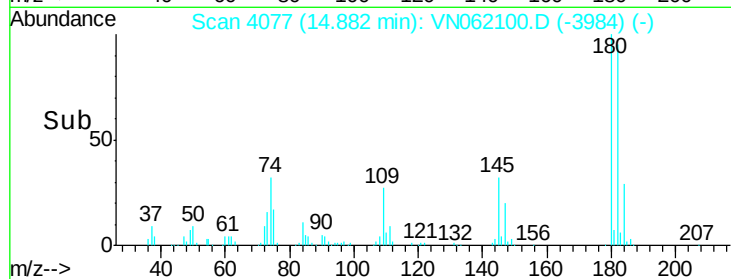
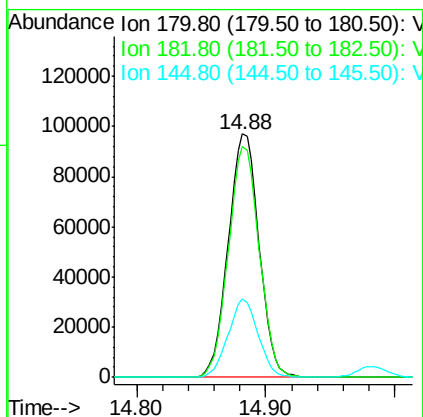
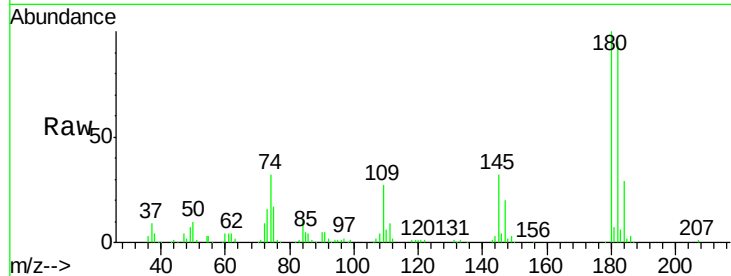
#93
 1,2,4-Trichlorobenzene
 Concen: 54.162 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	160731		
182	95.0	48.0	144.2	
145	31.3	16.0	48.0	

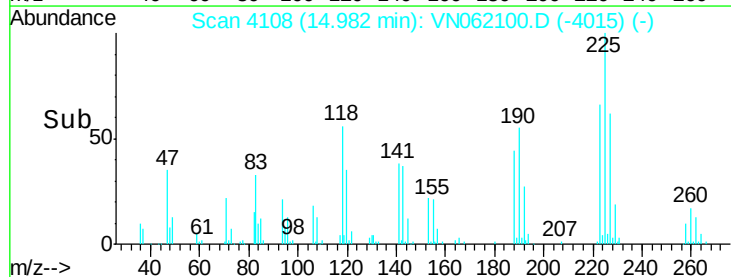
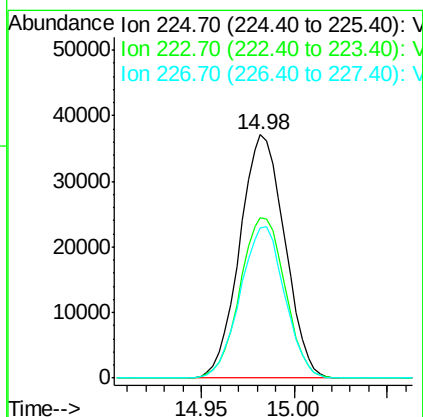
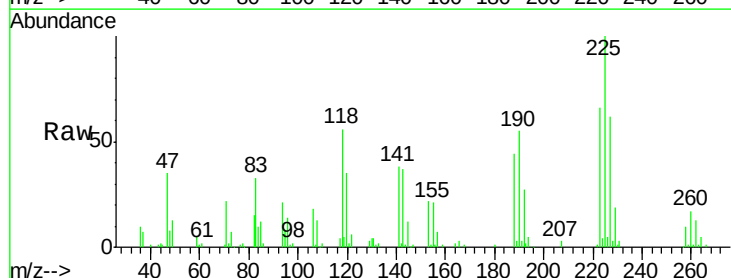
Manual Integrations
 APPROVED

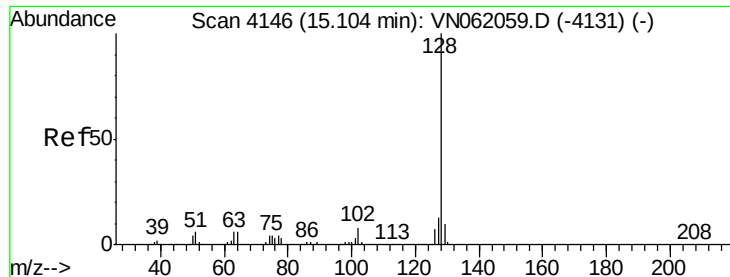
MMDadoda
 6/26/2020 7:00:52 PM



#94
 Hexachlorobutadiene
 Concen: 48.368 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062100.D
 Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62342		
223	66.0	32.9	98.7	
227	61.7	31.3	93.8	





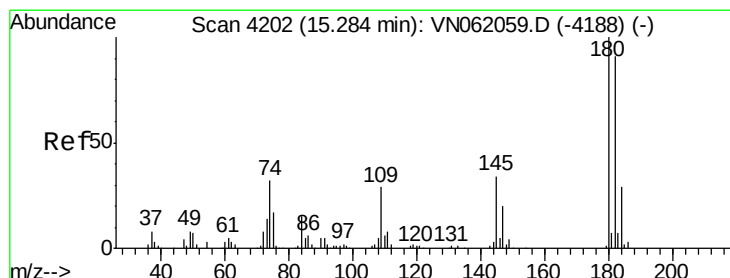
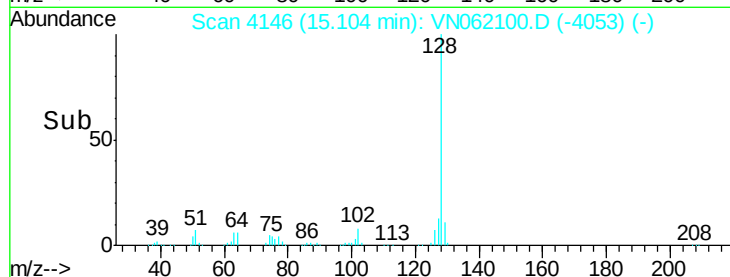
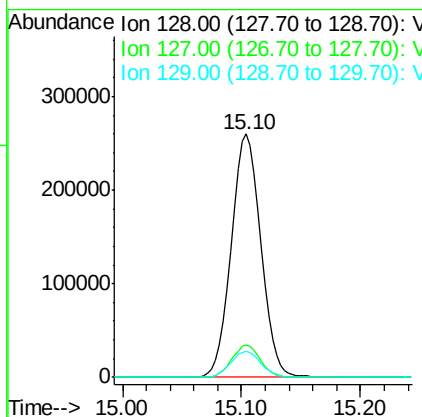
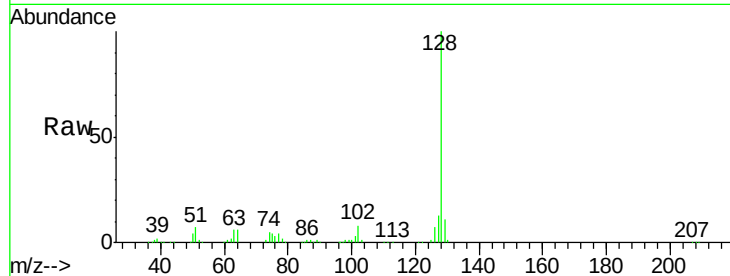
#95
Naphthalene
Concen: 45.668 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/26/2020 7:00:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.156 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062100.D
Acq: 25 Jun 2020 10:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.8	140.4
145	33.1	16.4	49.2

