

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070120\
 Data File : VN062310.D
 Acq On : 1 Jul 2020 23:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 12:31:06 PM

Quant Time: Jul 02 07:58:55 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	7.63	168	193425	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	361454	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	348868	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	164664	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	155240	57.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.38%	
35) Dibromofluoromethane	7.55	113	117524	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
50) Toluene-d8	10.06	98	447908	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.38	95	152807	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	95384	43.627	ug/l	100
3) Chloromethane	2.03	50	136085	52.949	ug/l	99
4) Vinyl Chloride	2.16	62	154035	44.738	ug/l	98
5) Bromomethane	2.52	94	102024	45.849	ug/l	97
6) Chloroethane	2.66	64	110456	46.963	ug/l	100
7) Trichlorofluoromethane	2.98	101	188984	44.545	ug/l	99
8) Diethyl Ether	3.37	74	85558	57.754	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	105174	47.340	ug/l	96
10) Methyl Iodide	3.91	142	127985	51.152	ug/l	99
11) Tert butyl alcohol	4.74	59	119641	306.986	ug/l	100
12) 1,1-Dichloroethene	3.69	96	108555	48.877	ug/l	98
13) Acrolein	3.56	56	96092	251.835	ug/l	100
14) Allyl chloride	4.27	41	168798	55.822	ug/l	97
15) Acrylonitrile	4.93	53	337592	317.876	ug/l	99
16) Acetone	3.77	43	266646	313.997	ug/l	96
17) Carbon Disulfide	4.00	76	299375	47.063	ug/l	99
18) Methyl Acetate	4.28	43	137365	63.660	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	412851	58.173	ug/l	96
20) Methylene Chloride	4.50	84	145514	58.434	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	121630	48.072	ug/l	94
22) Diisopropyl ether	5.90	45	414742	60.239	ug/l	98
23) Vinyl Acetate	5.84	43	1726679	307.172	ug/l	97
24) 1,1-Dichloroethane	5.80	63	244172	55.074	ug/l	99
25) 2-Butanone	6.79	43	420964	317.286	ug/l	96
26) 2,2-Dichloropropane	6.77	77	160962	43.568	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	147458	51.793	ug/l	98
28) Bromochloromethane	7.15	49	122770	63.822	ug/l	92
29) Tetrahydrofuran	7.17	42	284207	327.015	ug/l	96
30) Chloroform	7.33	83	245391	54.401	ug/l	98
31) Cyclohexane	7.61	56	184448	49.183	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	191078	50.230	ug/l	97
36) 1,1-Dichloropropene	7.75	75	171728	47.267	ug/l	99
37) Ethyl Acetate	6.88	43	178439	59.313	ug/l	99
38) Carbon Tetrachloride	7.73	117	158176	46.179	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	179559	45.106	ug/l	97
40) Benzene	8.00	78	555970	50.206	ug/l	98
41) Methacrylonitrile	7.13	41	71704m	51.411	ug/l	
42) 1,2-Dichloroethane	8.09	62	201234	53.786	ug/l	98
43) Isopropyl Acetate	8.13	43	286950	58.510	ug/l	99
44) Trichloroethene	8.80	130	125505	44.929	ug/l	96
45) 1,2-Dichloropropane	9.09	63	149903	54.871	ug/l	99
46) Dibromomethane	9.18	93	97785	52.792	ug/l	95
47) Bromodichloromethane	9.37	83	200171	53.522	ug/l	99
48) Methyl methacrylate	9.17	41	136819	62.221	ug/l	93
49) 1,4-Dioxane	9.17	88	56331	1155.175	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	904850	315.790	ug/l	99
52) Toluene	10.12	92	340727	50.428	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	212498	51.644	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	232571	53.090	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	146462	55.144	ug/l	98
56) Ethyl methacrylate	10.40	69	209854	59.206	ug/l	96
57) 1,3-Dichloropropane	10.68	76	252897	55.319	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	393086	259.804	ug/l	96
59) 2-Hexanone	10.72	43	661625	319.770	ug/l	98
60) Dibromochloromethane	10.87	129	145314	51.678	ug/l	100
61) 1,2-Dibromoethane	10.98	107	143006	52.401	ug/l	100
64) Tetrachloroethene	10.60	164	97833	41.053	ug/l	96
65) Chlorobenzene	11.41	112	359690	46.950	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	128707	48.584	ug/l	99
67) Ethyl Benzene	11.48	91	637457	49.267	ug/l	98
68) m/p-Xylenes	11.60	106	487722	97.456	ug/l	97
69) o-Xylene	11.92	106	233886	49.533	ug/l	97
70) Styrene	11.94	104	408606	51.888	ug/l	99
71) Bromoform	12.10	173	93737	49.766	ug/l #	98
73) Isopropylbenzene	12.22	105	607622	47.670	ug/l	99
74) N-amyl acetate	12.05	43	247357	52.536	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	223810	52.765	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	190212m	49.070	ug/l	
77) Bromobenzene	12.50	156	144170	45.559	ug/l	90
78) n-propylbenzene	12.57	91	721343	49.475	ug/l	98
79) 2-Chlorotoluene	12.65	91	428663	48.633	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	515680	49.907	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	68483	51.594	ug/l	96
82) 4-Chlorotoluene	12.75	91	446056	48.938	ug/l	98
83) tert-Butylbenzene	12.97	119	426177	48.194	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	520618	50.448	ug/l	98
85) sec-Butylbenzene	13.15	105	574065	49.129	ug/l	99
86) p-Isopropyltoluene	13.26	119	501544	48.992	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	256432	46.147	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	259977	45.387	ug/l	99
89) n-Butylbenzene	13.59	91	414980	48.758	ug/l	99
90) Hexachloroethane	13.85	117	96786	48.187	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	258717	48.013	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	38231	56.264	ug/l	90

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Quant Title : SW846 8260
QLast Update : Wed Jun 24 15:33:00 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	107149	45.518	ug/l	99
94) Hexachlorobutadiene	14.98	225	44943	43.958	ug/l	99
95) Naphthalene	15.10	128	328470	42.501	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	110464	45.893	ug/l	99

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

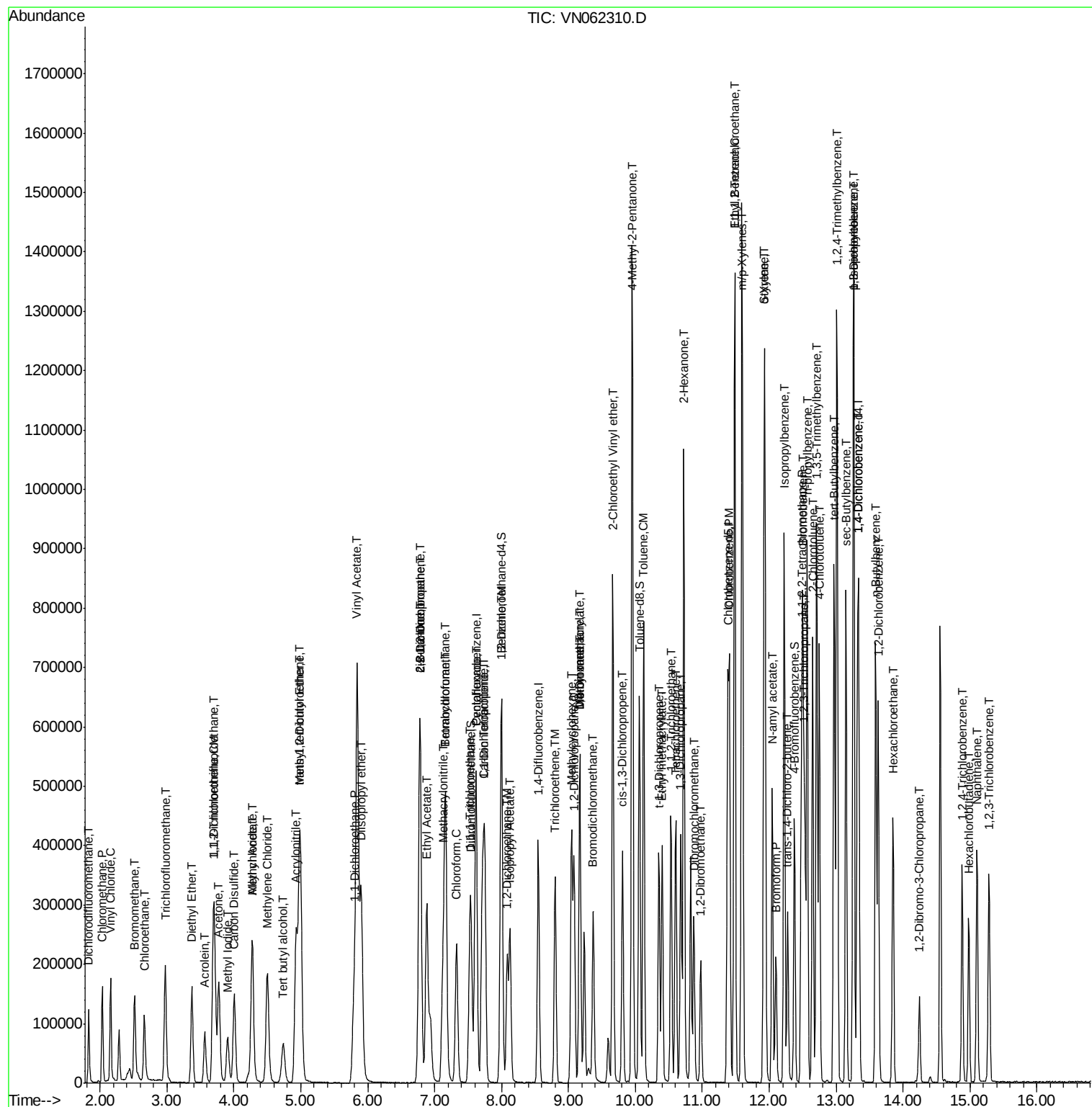
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN070120\
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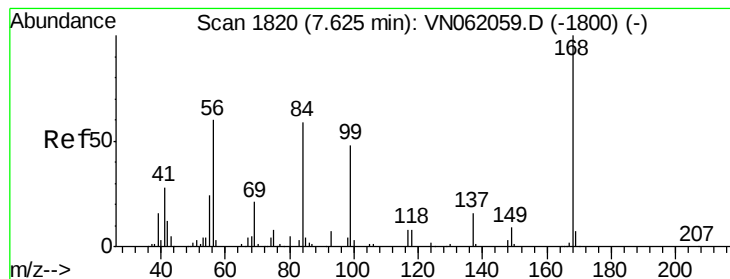
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 193425

Ion Ratio Lower Upper

168 100

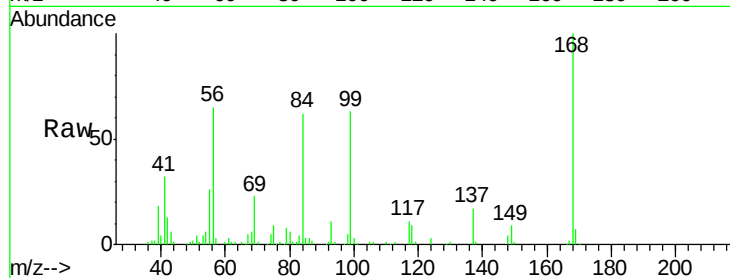
99 62.5 45.8 68.8

Manual Integrations

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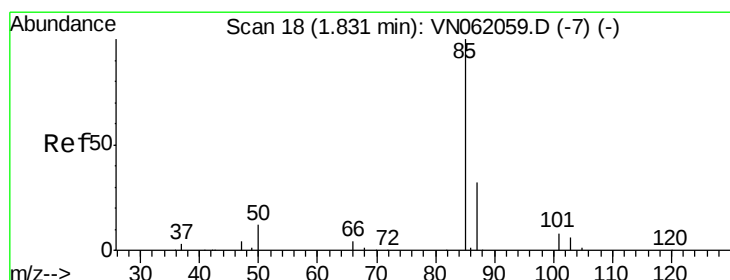
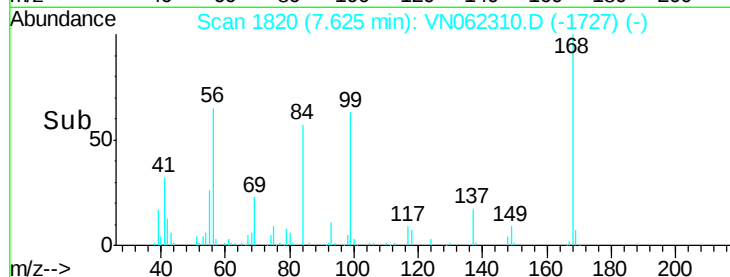
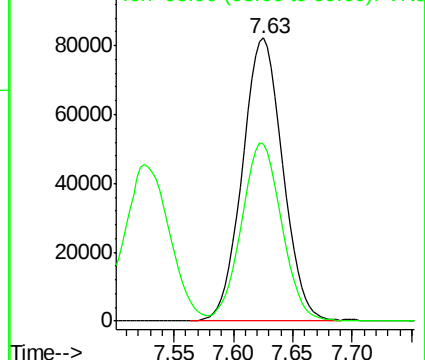
MMDadoda

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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: 43.627 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062310.D

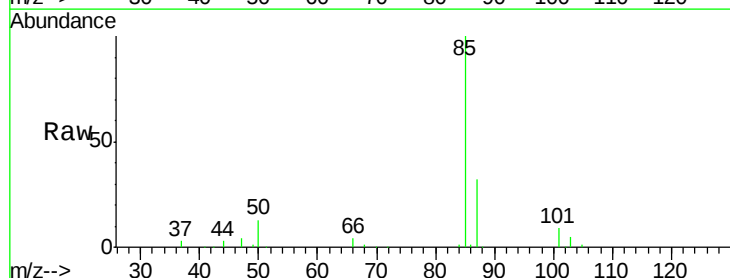
Acq: 1 Jul 2020 23:55

Tgt Ion: 85 Resp: 95384

Ion Ratio Lower Upper

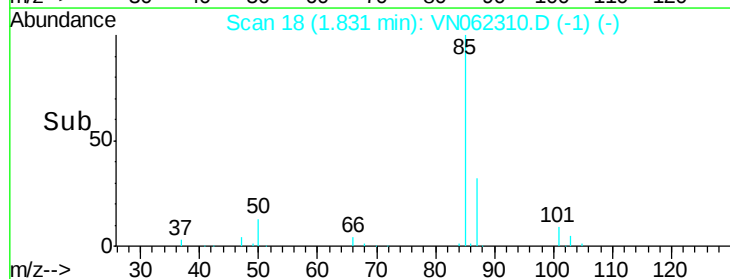
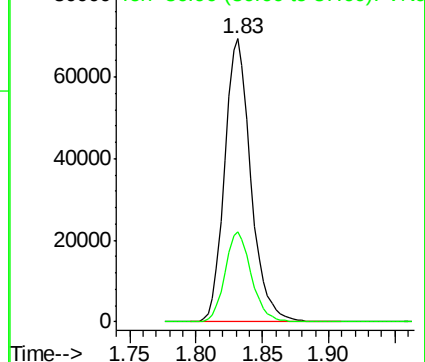
85 100

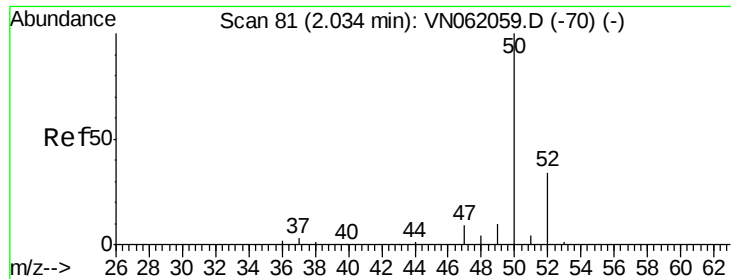
87 31.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 52.949 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 136085

Ion Ratio Lower Upper

50 100

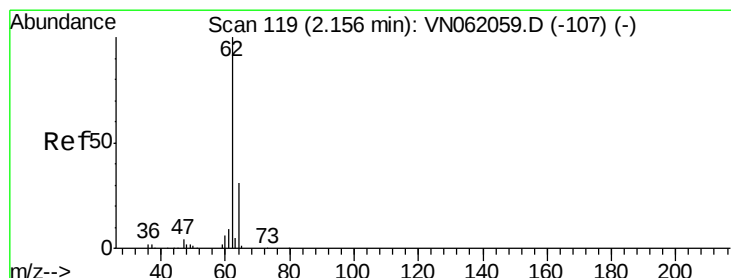
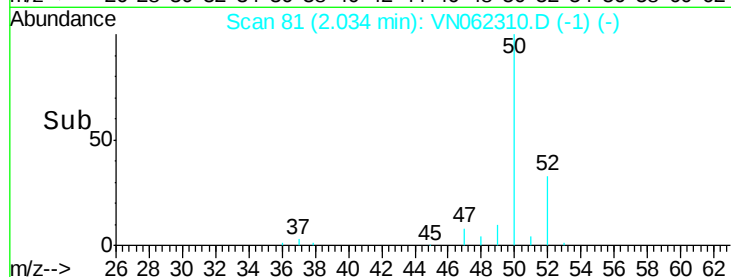
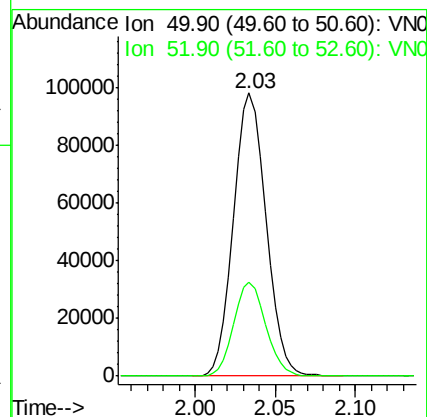
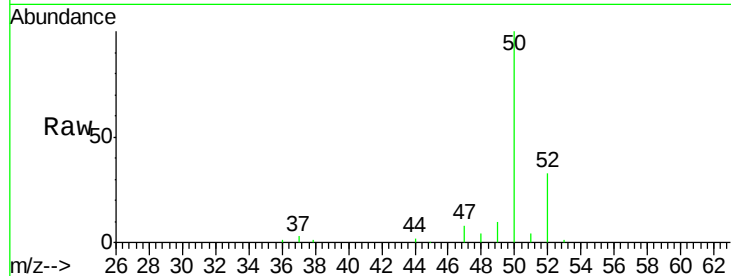
52 33.1 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.738 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN062310.D

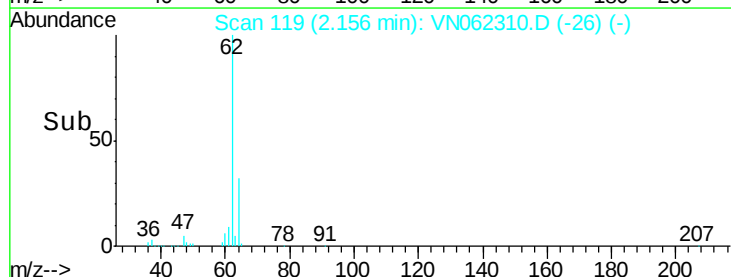
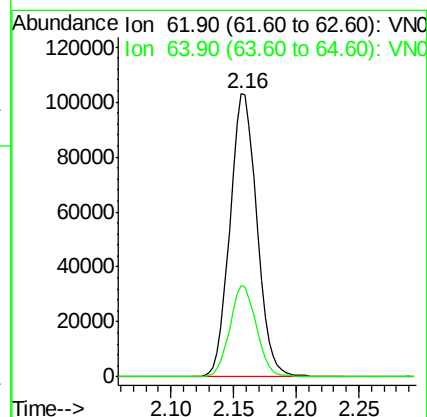
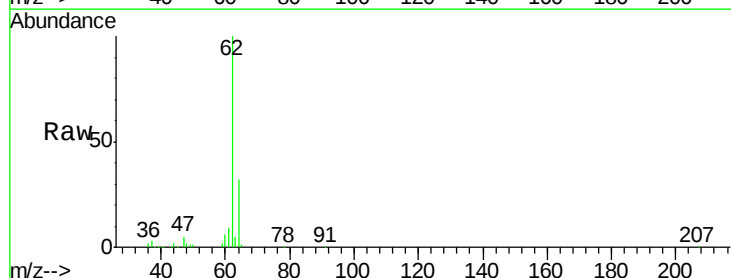
Acq: 1 Jul 2020 23:55

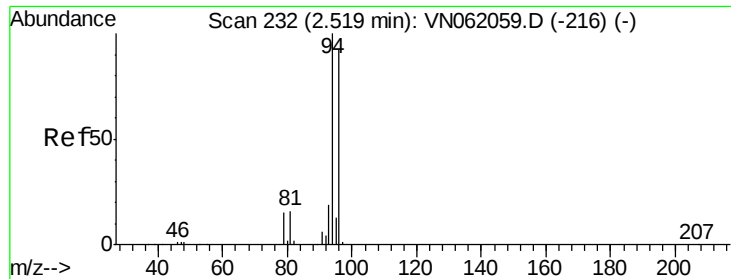
Tgt Ion: 62 Resp: 154035

Ion Ratio Lower Upper

62 100

64 32.5 25.1 37.7





#5

Bromomethane

Concen: 45.849 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 102024

Ion Ratio Lower Upper

94 100

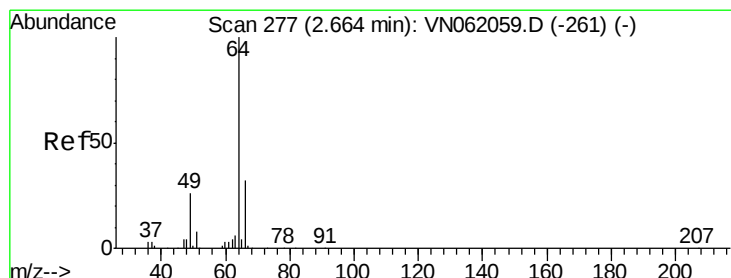
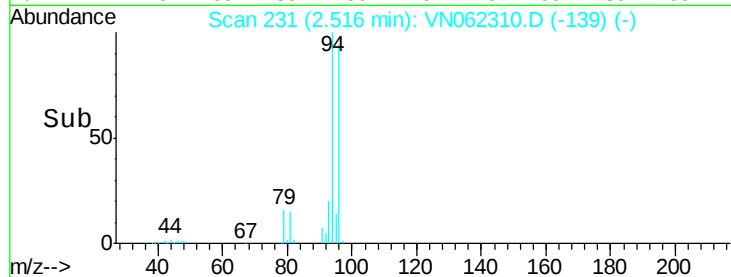
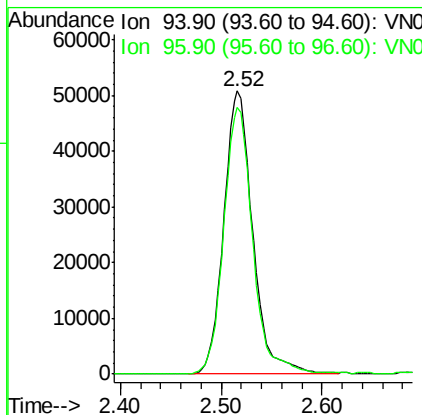
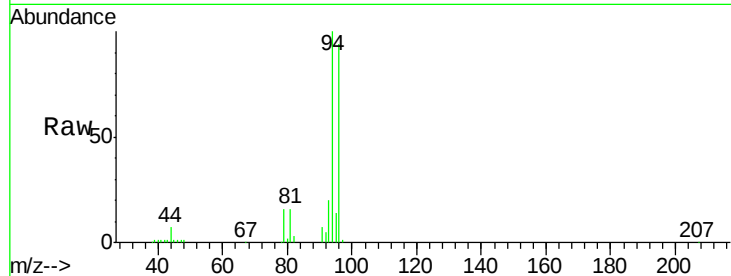
96 94.3 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 46.963 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.00 min

Lab File: VN062310.D

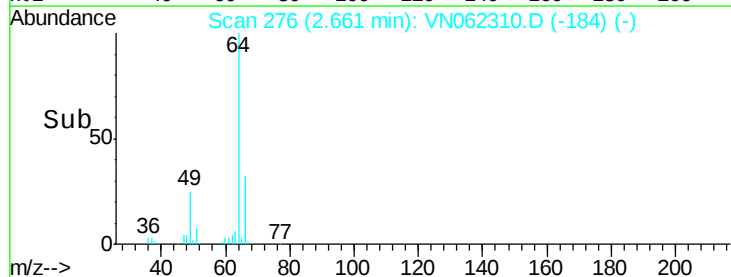
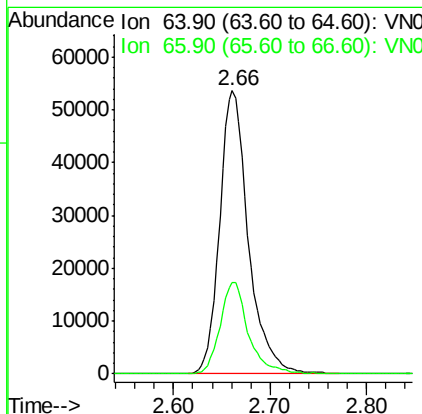
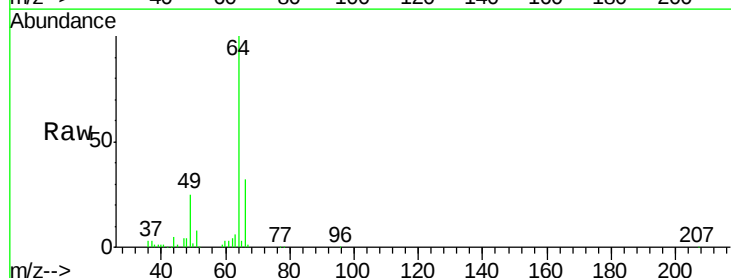
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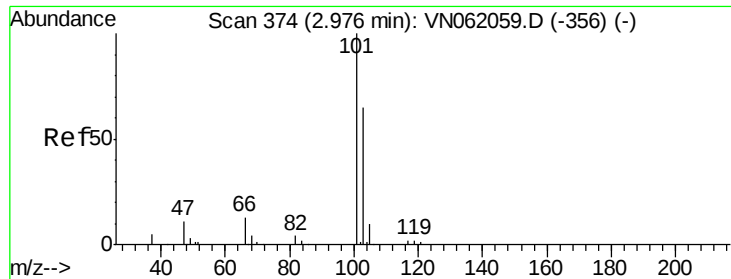
Tgt Ion: 64 Resp: 110456

Ion Ratio Lower Upper

64 100

66 32.4 25.8 38.6





#7

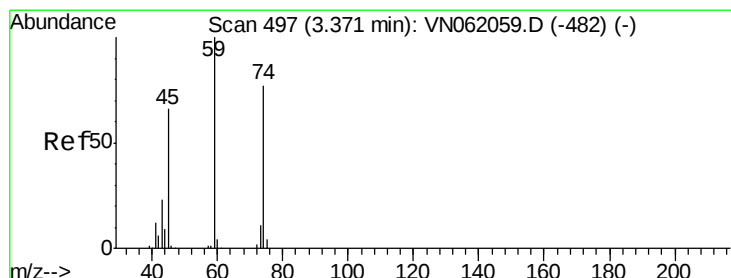
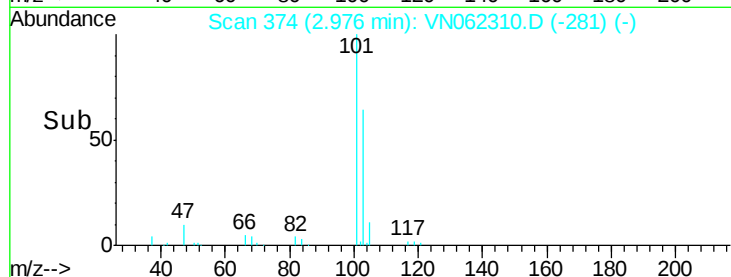
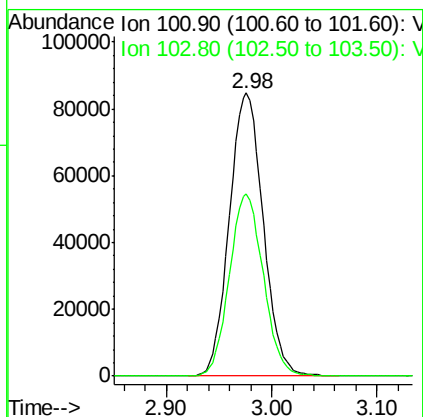
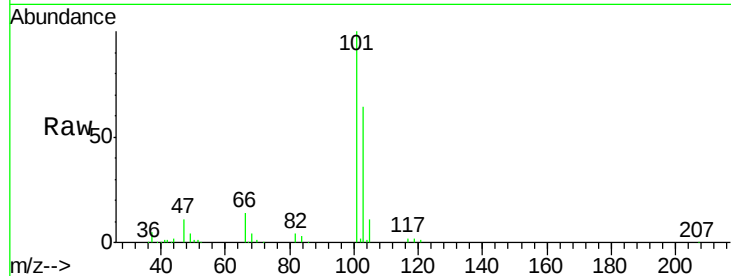
Trichlorofluoromethane
Concen: 44.545 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.3	51.8	77.6

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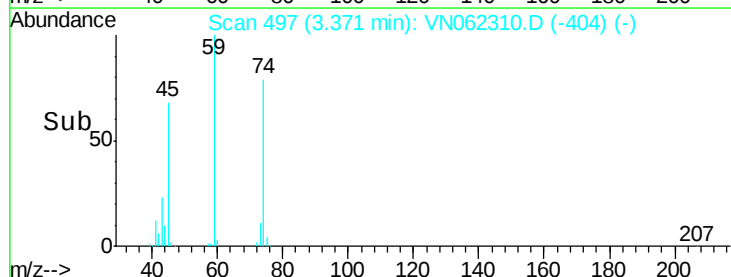
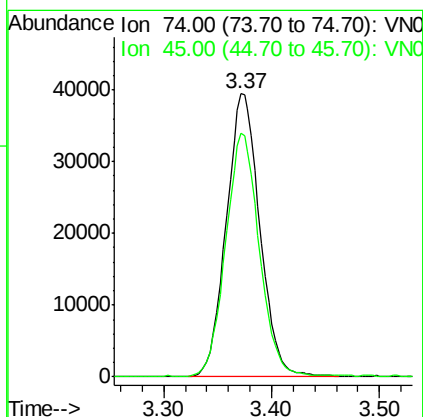
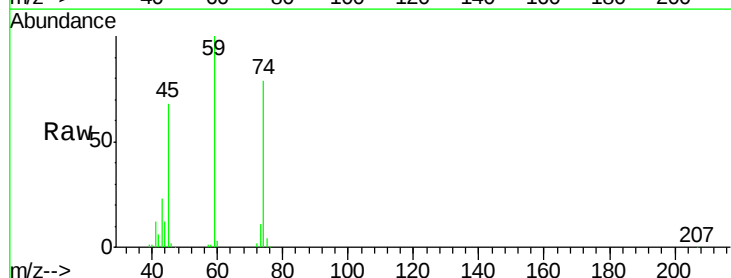
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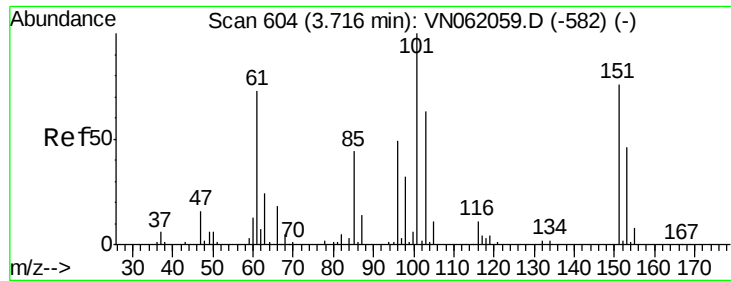


#8

Diethyl Ether
Concen: 57.754 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.5	42.5	127.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.340 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

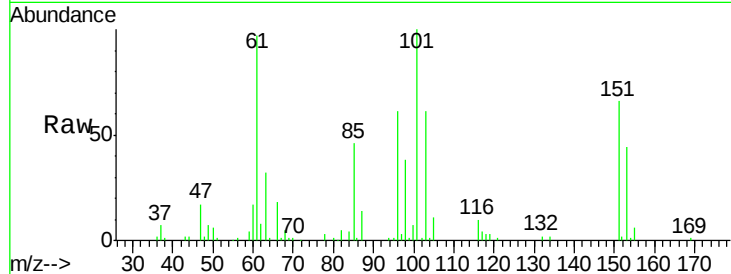
ClientSampleId :

VSTDCCC050

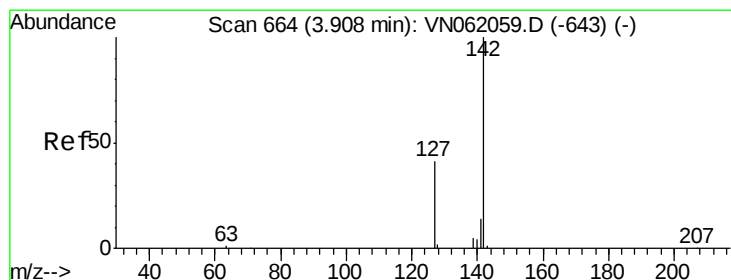
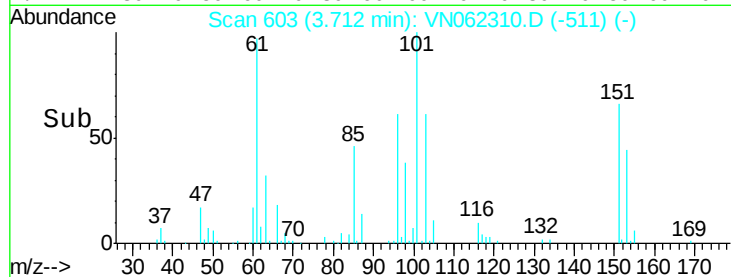
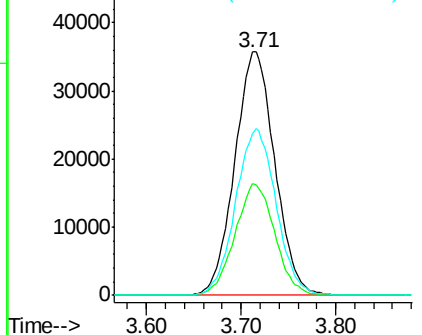
Tot Ion:	101	Resp:	105174
Ion Ratio	Lower	Upper	
101	100		
85	45.5	34.5	51.7
151	69.1	57.8	86.8

Manual Integrations
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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: 51.152 ug/l

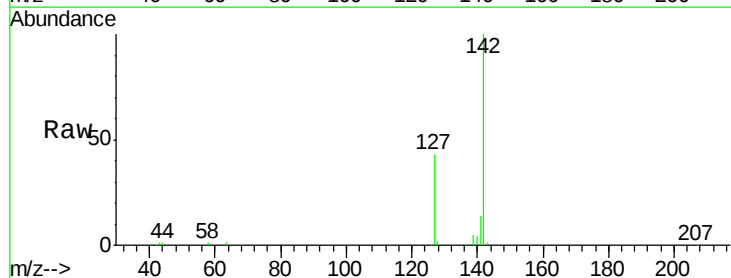
RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

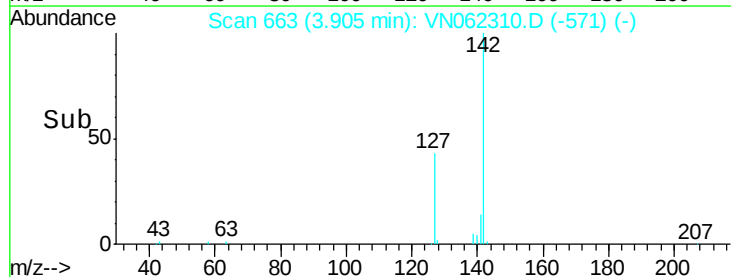
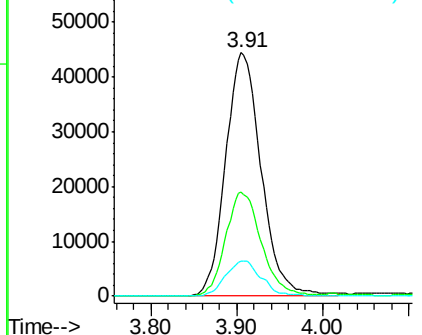
Lab File: VN062310.D

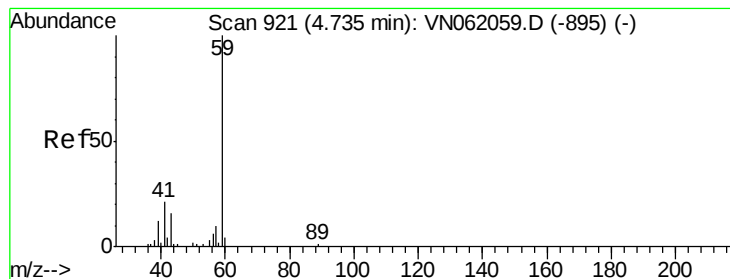
Acq: 1 Jul 2020 23:55

Tgt Ion:	142	Resp:	127985
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.6	50.4
141	14.4	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

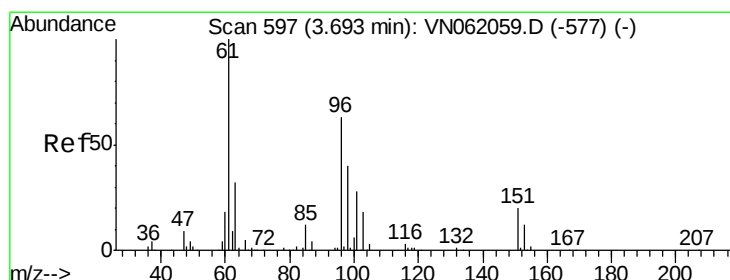
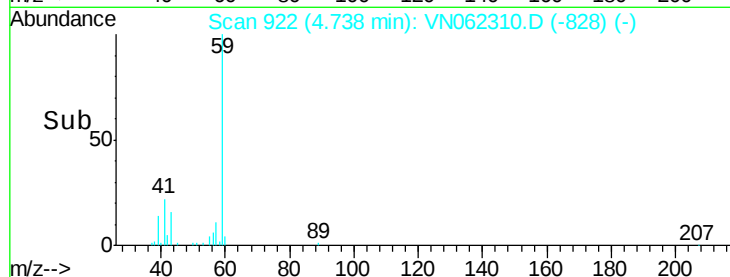
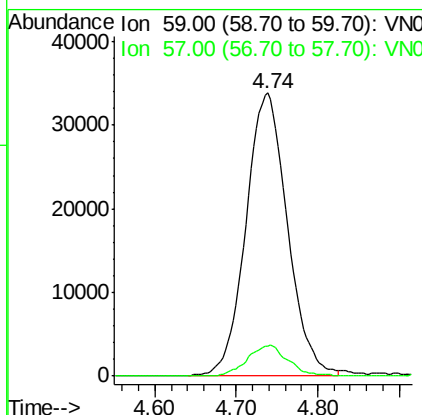
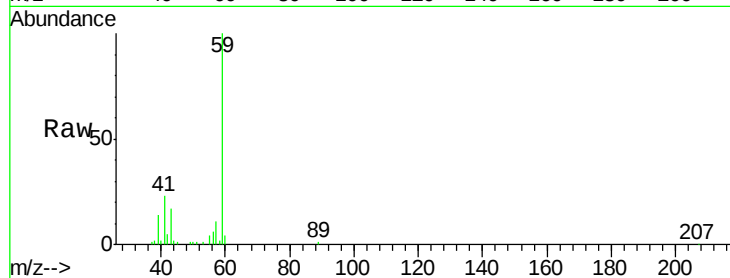
Tert butyl alcohol
 Concen: 306.986 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	59	Resp	119641
Ion Ratio	100	Lower	Upper
57	10.5	8.3	12.5

Manual Integrations
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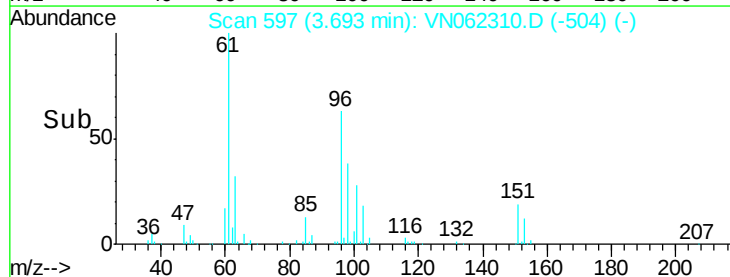
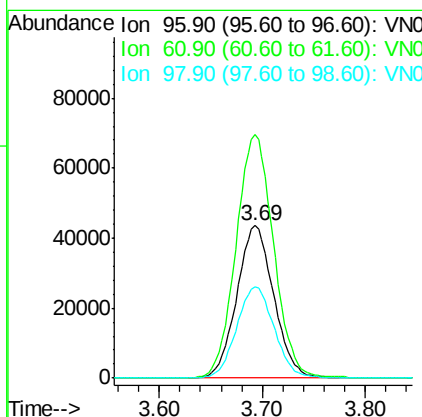
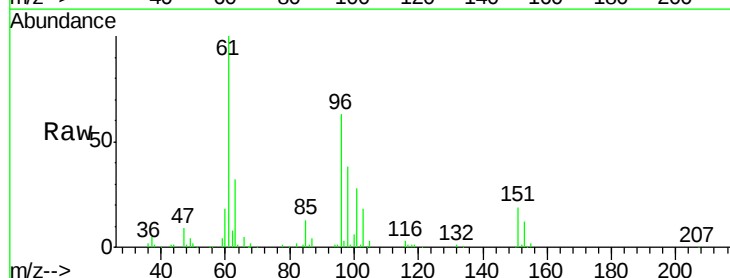
MMDadoda
 7/2/2020 12:31:06 PM

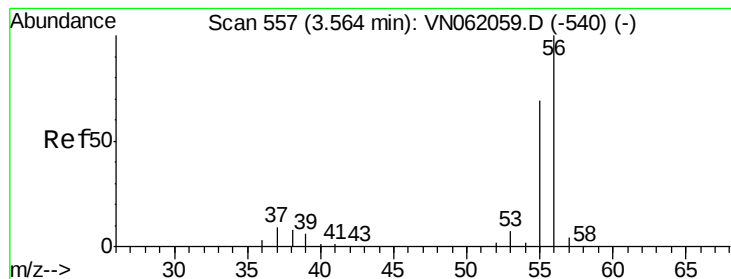


#12

1,1-Dichloroethene
 Concen: 48.877 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion	96	Resp	108555
Ion Ratio	100	Lower	Upper
61	159.5	126.7	190.1
98	59.9	51.0	76.4





#13

Acrolein

Concen: 251.835 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 96092

Ion Ratio Lower Upper

56 100

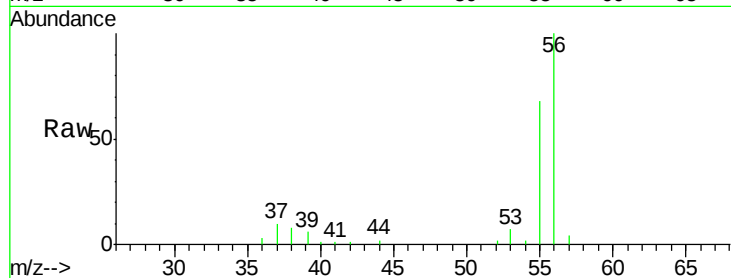
55 69.3 55.5 83.3

Manual Integrations

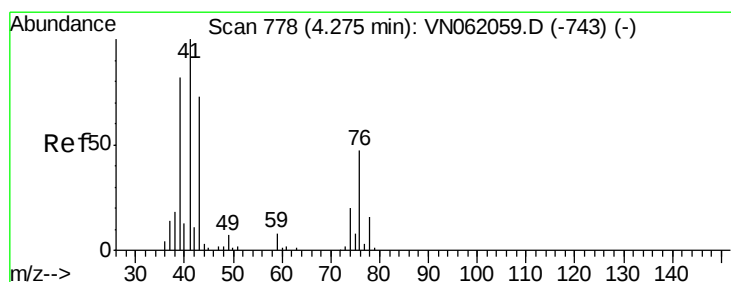
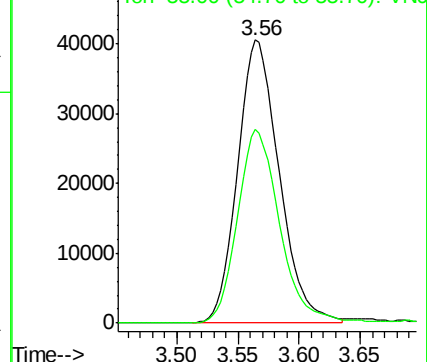
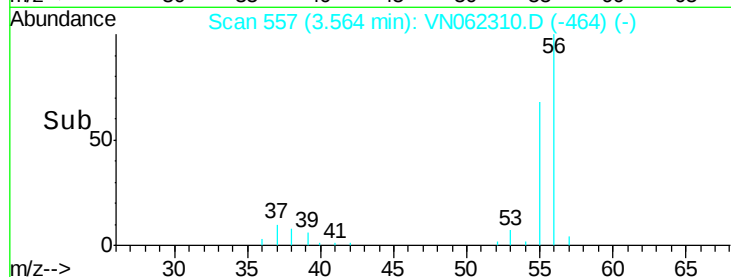
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Abundance Ion 56.00 (55.70 to 56.70): VN062310.D (-464) (-)



#14

Allyl chloride

Concen: 55.822 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

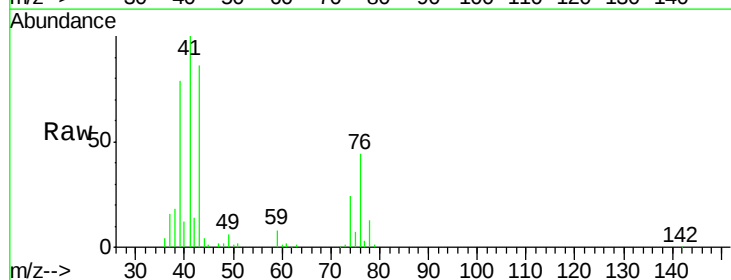
Tgt Ion: 41 Resp: 168798

Ion Ratio Lower Upper

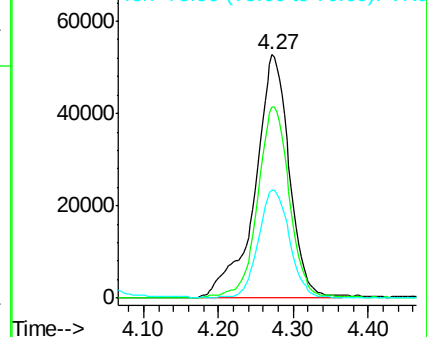
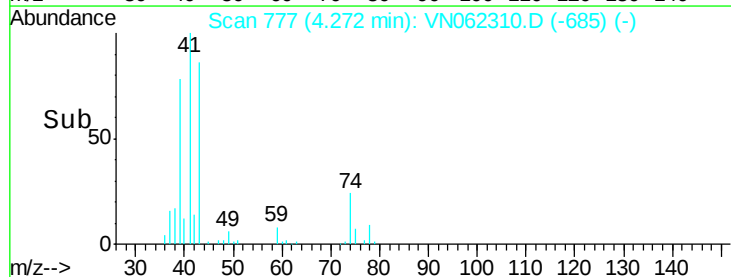
41 100

39 72.7 60.0 90.0

76 40.1 34.1 51.1



Abundance Ion 41.00 (40.70 to 41.70): VN062310.D (-685) (-)





#15

Acrylonitrile

Concen: 317.876 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

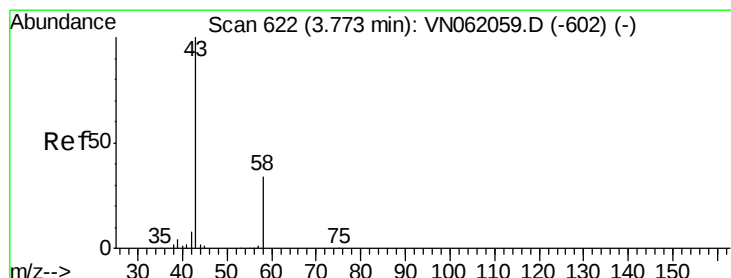
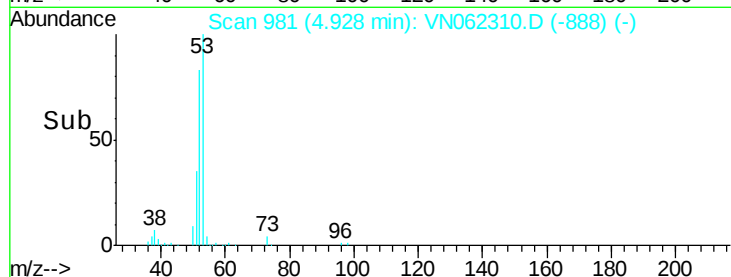
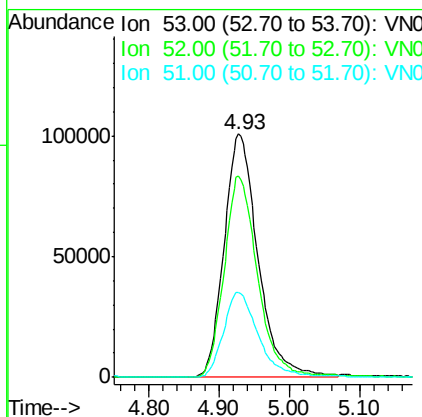
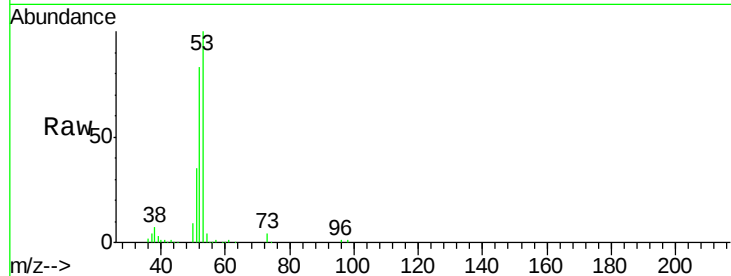
ClientSampled :

VSTDCCC050

Tot Ion:	53	Resp:	337592
Ion Ratio	Lower	Upper	
53	100		
52	81.4	66.2	99.4
51	35.8	28.9	43.3

Manual Integrations
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#16

Acetone

Concen: 313.997 ug/l

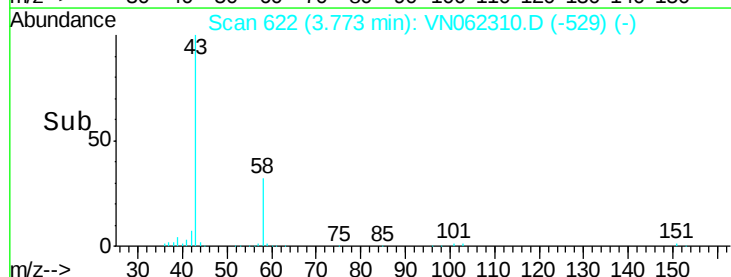
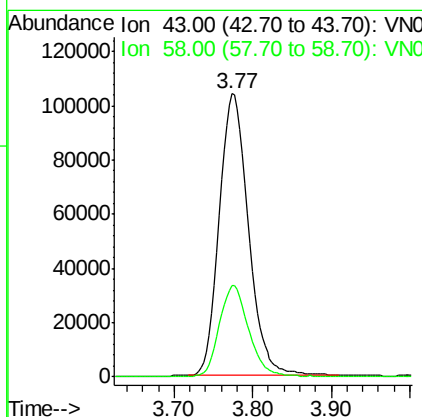
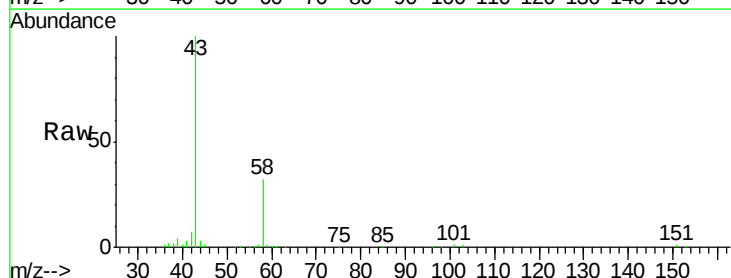
RT: 3.77 min Scan# 622

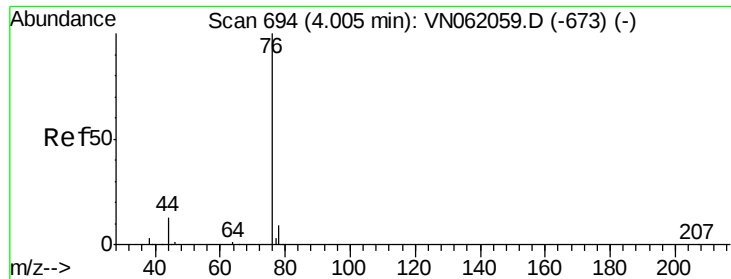
Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Tgt Ion:	43	Resp:	266646
Ion Ratio	Lower	Upper	
43	100		
58	32.0	27.5	41.3





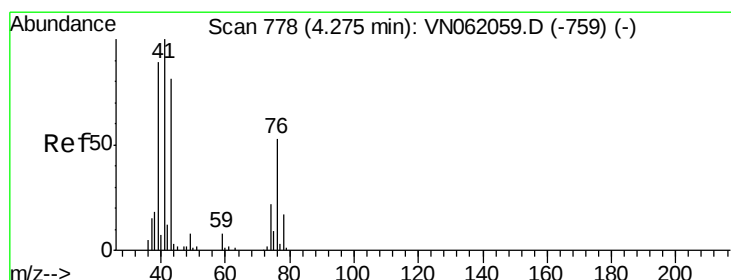
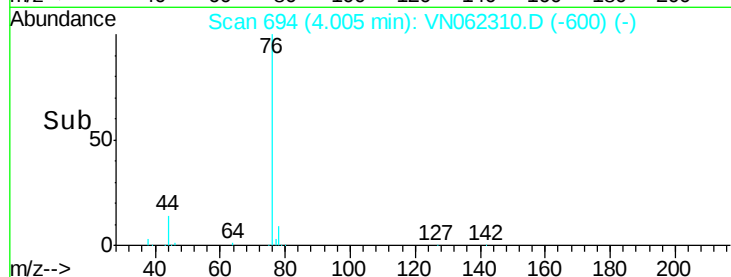
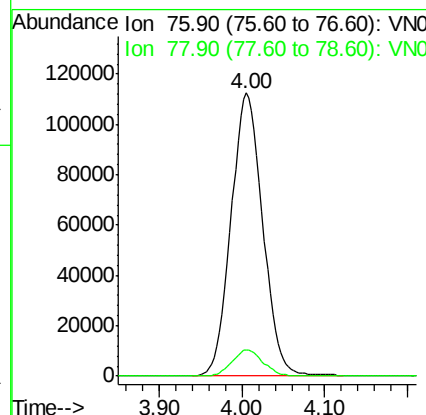
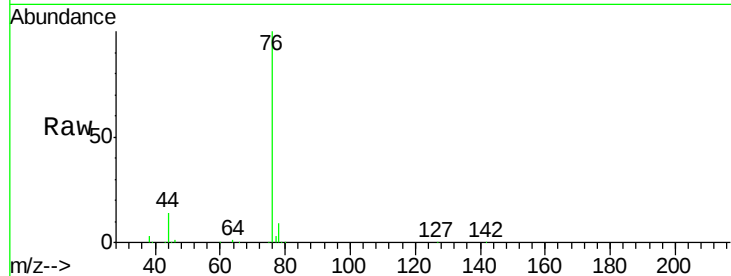
#17
Carbon Disulfide
Concen: 47.063 ug/l
RT: 4.00 min Scan# 694
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

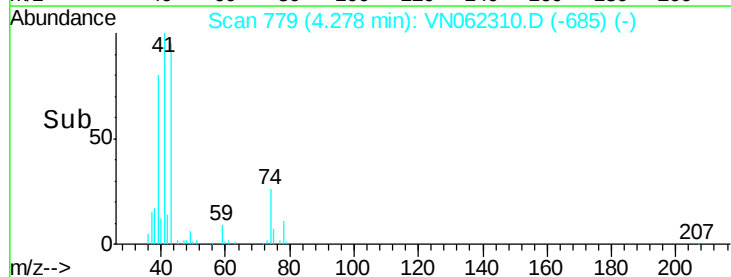
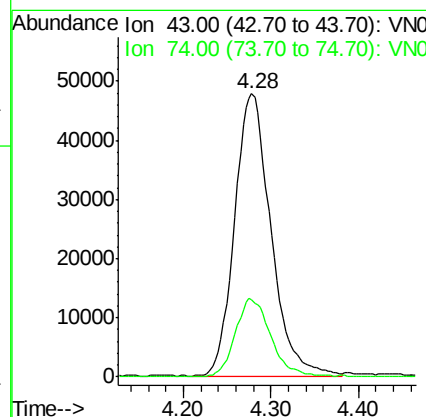
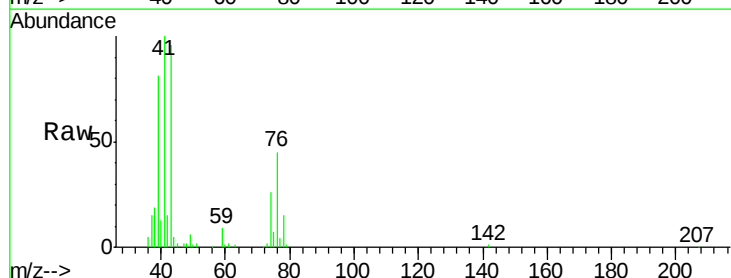
Manual Integrations
APPROVED

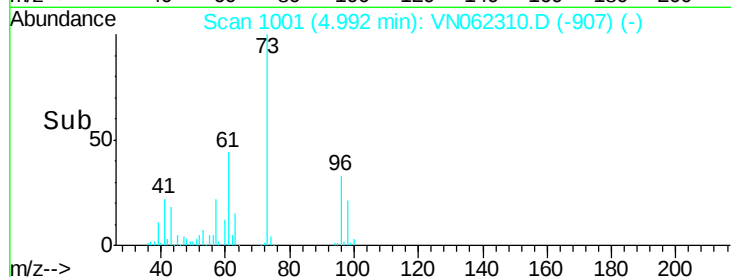
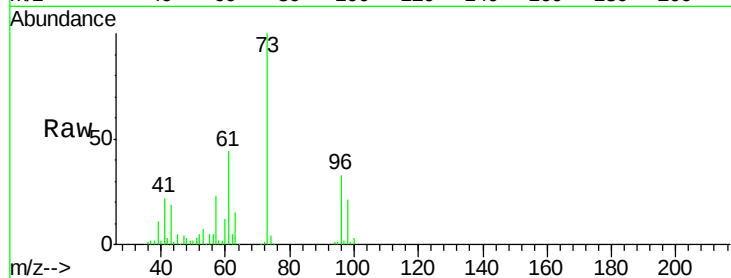
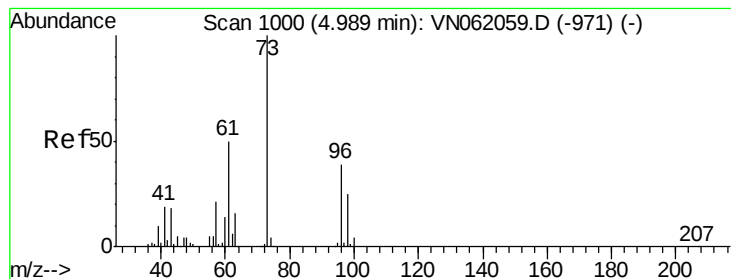
MMDadoda
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#18
Methyl Acetate
Concen: 63.660 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.2	22.9	34.3





#19

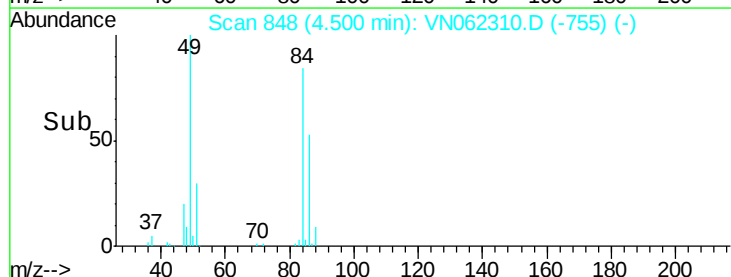
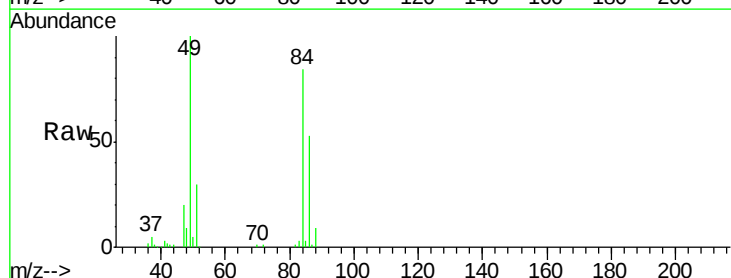
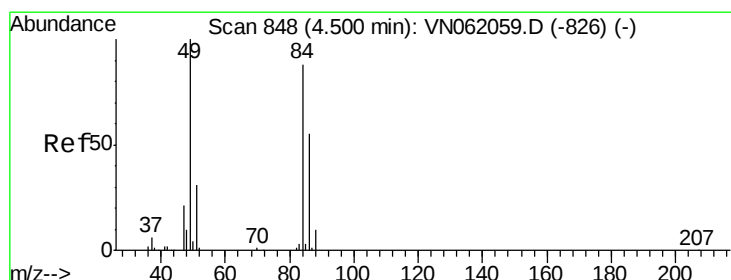
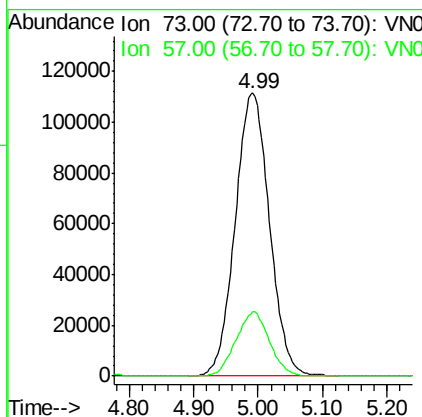
Methyl tert-butyl Ether
Concen: 58.173 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tot Ion	73	Resp	412851
Ion Ratio	100	Lower	Upper
57	22.7	16.6	24.8

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
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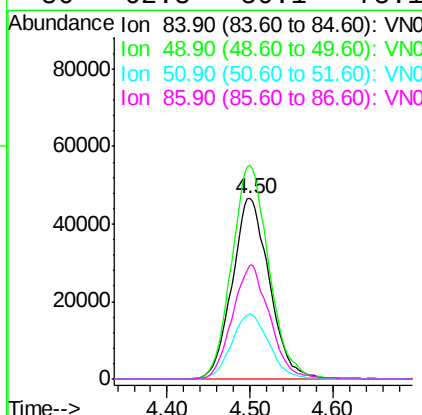
MMDadoda
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#20

Methylene Chloride
Concen: 58.434 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	84	Resp	145514
Ion Ratio	100	Lower	Upper
49	118.4	90.6	136.0
51	36.1	27.8	41.8
86	62.8	50.1	75.1





#21

trans-1,2-Dichloroethene

Concen: 48.072 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

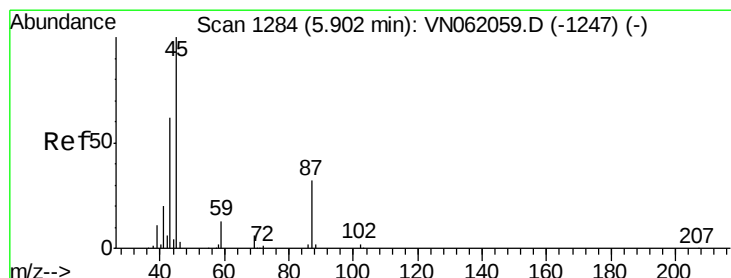
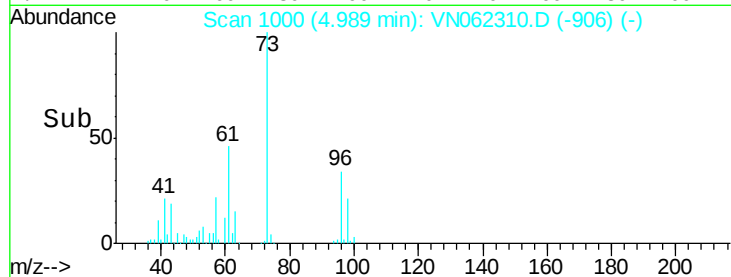
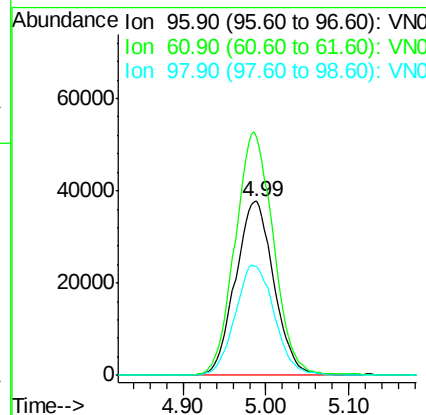
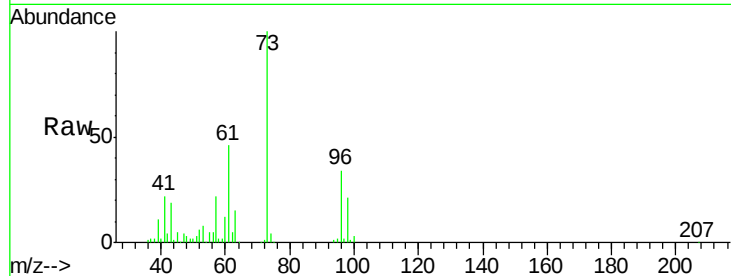
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	121630
Ion	Ratio	Lower	Upper
96	100		
61	136.8	101.4	152.2
98	62.6	49.3	73.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 60.239 ug/l

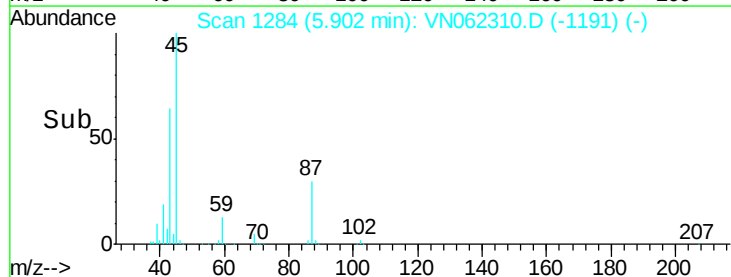
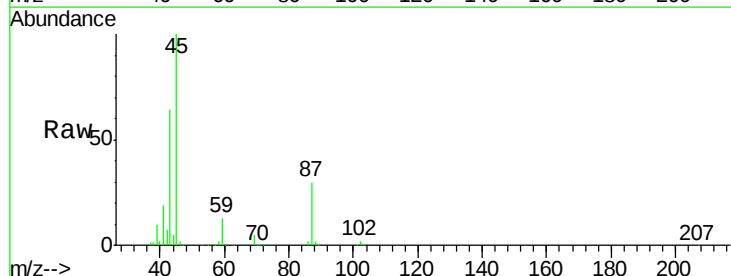
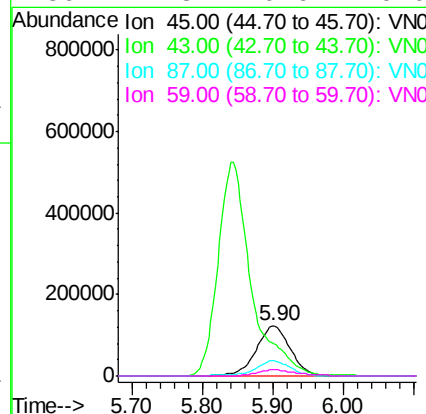
RT: 5.90 min Scan# 1284

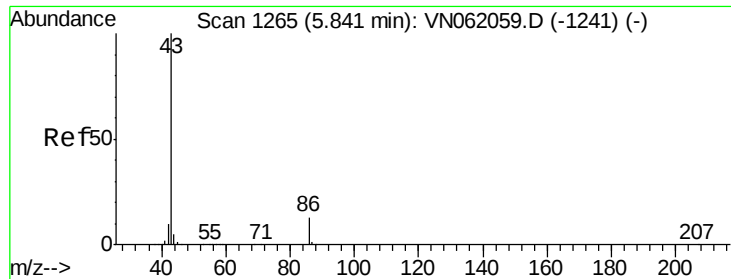
Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Tgt Ion:	45	Resp:	414742
Ion	Ratio	Lower	Upper
45	100		
43	61.7	49.7	74.5
87	30.1	25.9	38.9
59	12.3	10.6	16.0





#23

Vinyl Acetate

Concen: 307.172 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1726679

Ion Ratio Lower Upper

43 100

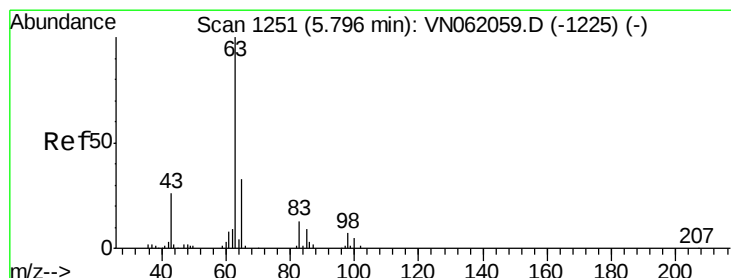
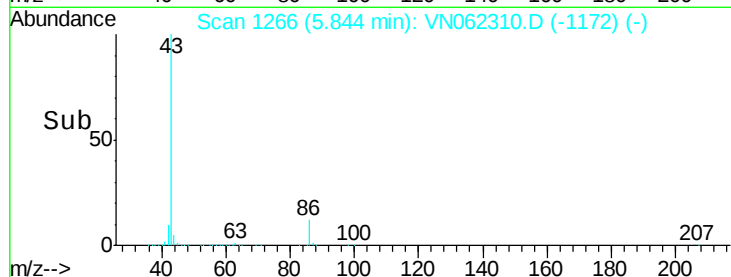
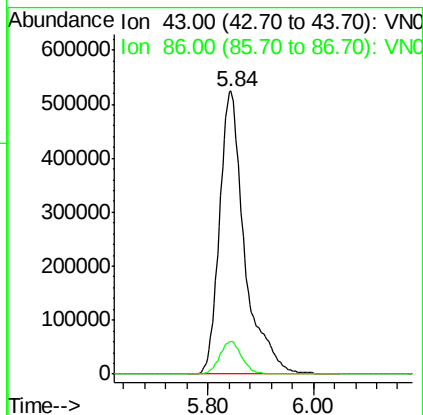
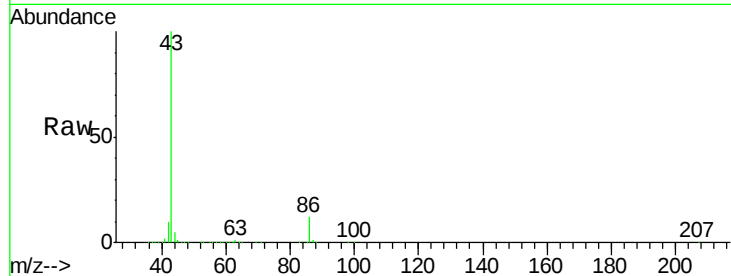
86 11.6 10.1 15.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 55.074 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

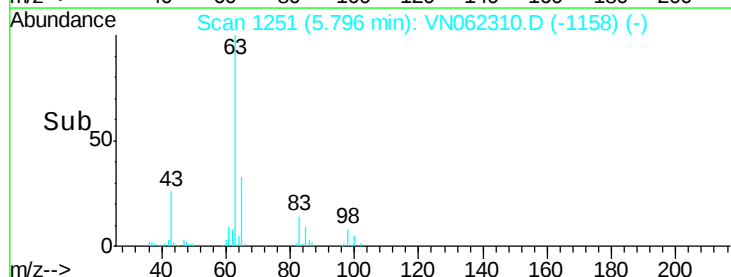
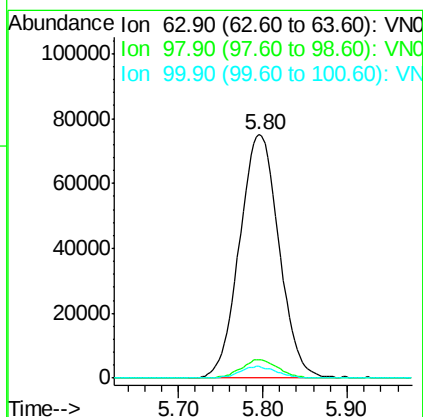
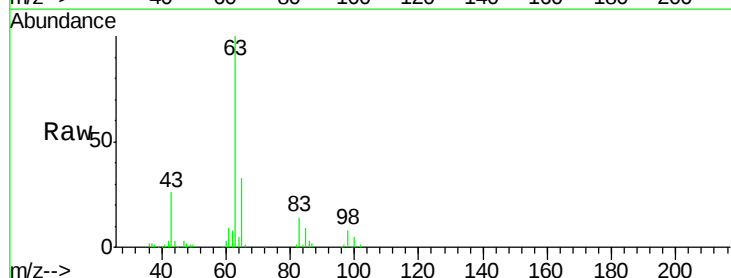
Tgt Ion: 63 Resp: 244172

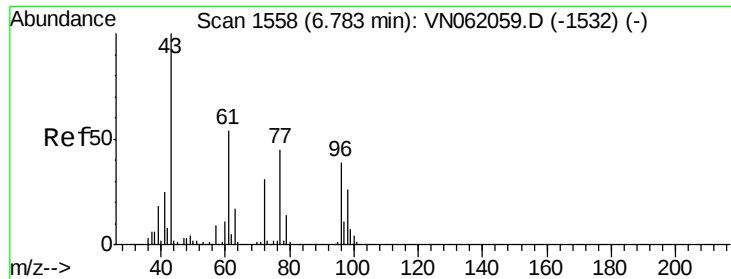
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.7 2.4 7.1





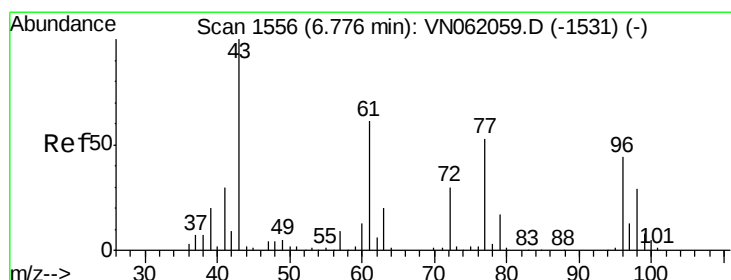
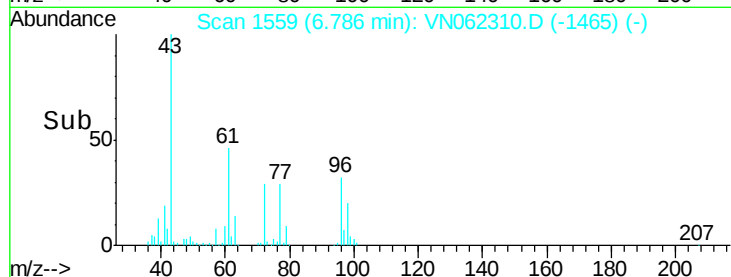
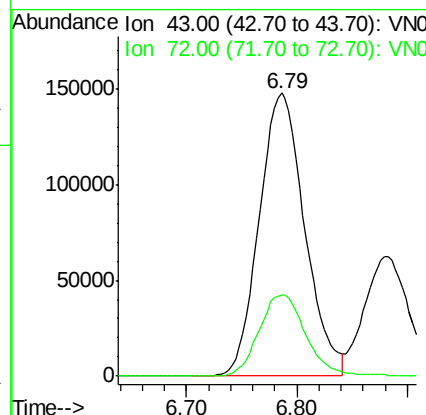
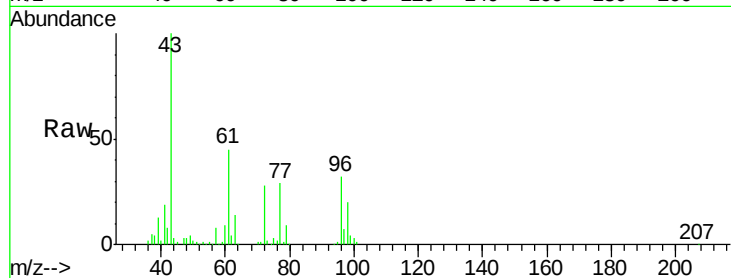
#25
2-Butanone
Concen: 317.286 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	28.5	24.8	37.2

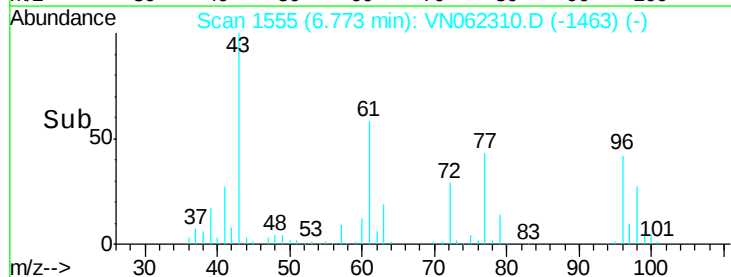
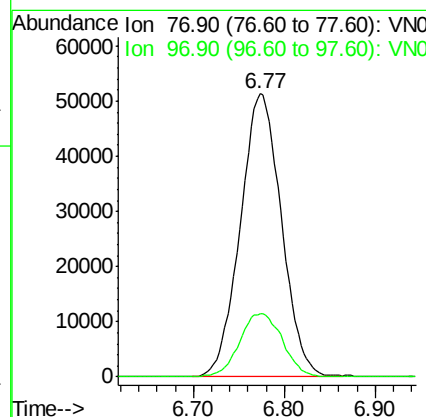
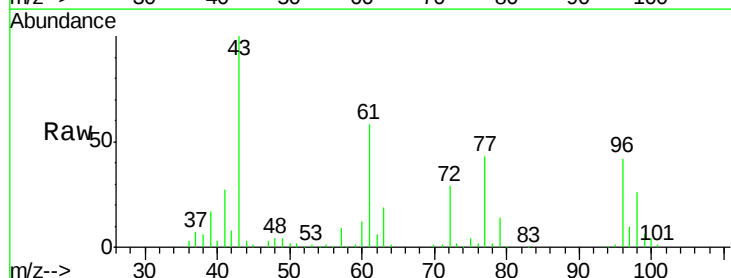
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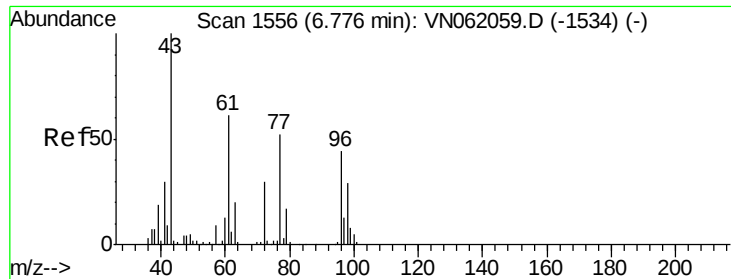
MMDadoda
7/2/2020 12:31:06 PM



#26
2,2-Dichloropropane
Concen: 43.568 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.3	11.8	35.3





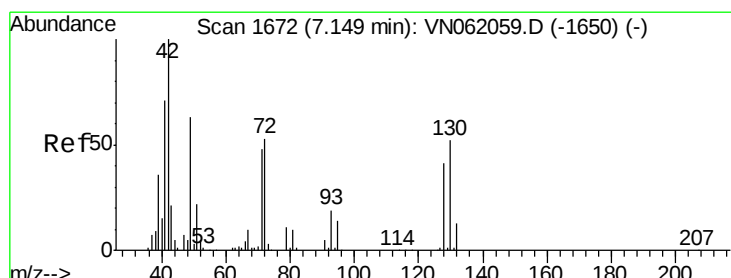
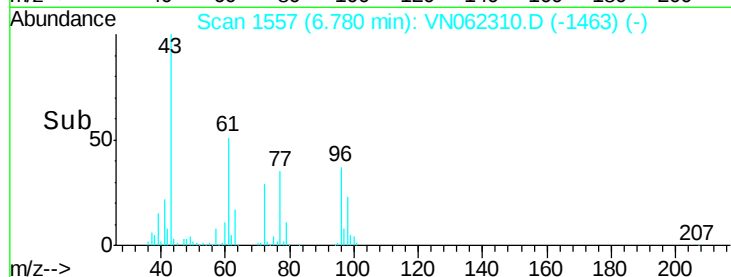
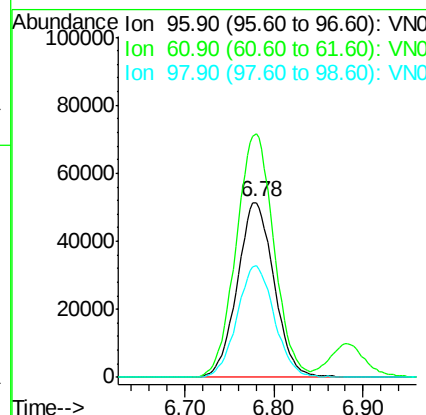
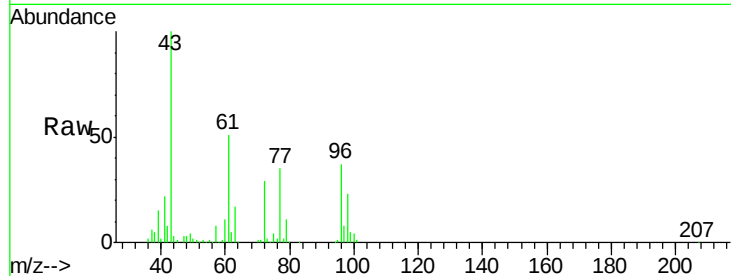
#27
 cis-1,2-Dichloroethene
 Concen: 51.793 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.9	0.0	280.4	
98	64.3	0.0	129.4	

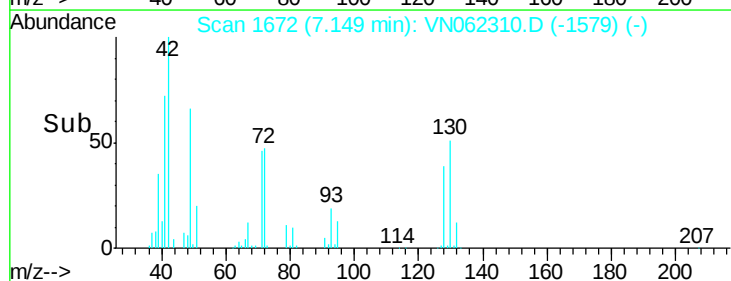
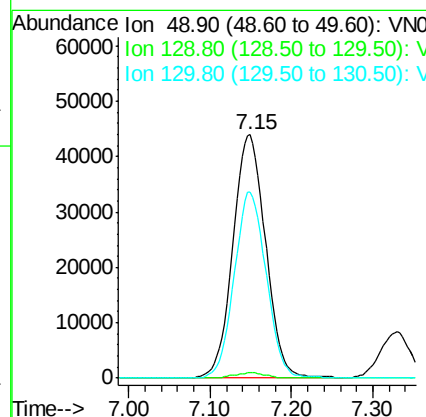
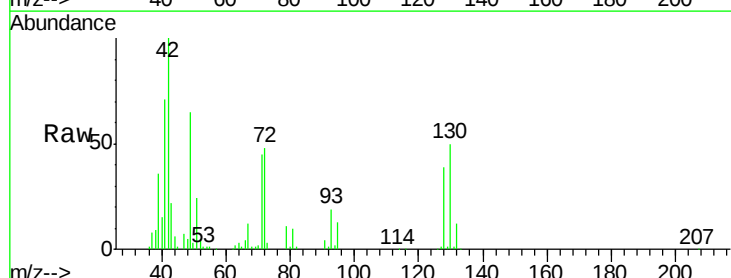
Manual Integrations
 APPROVED

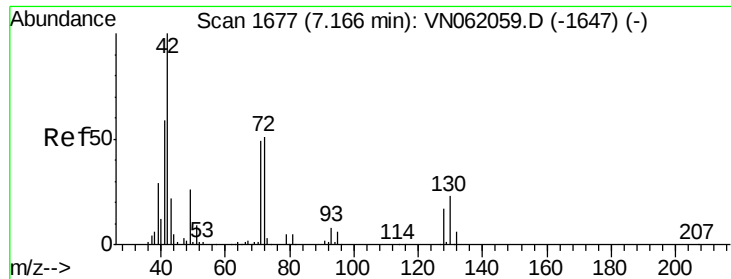
MMDadoda
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#28
 Bromochloromethane
 Concen: 63.822 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.4	
130	74.8	65.5	98.3	





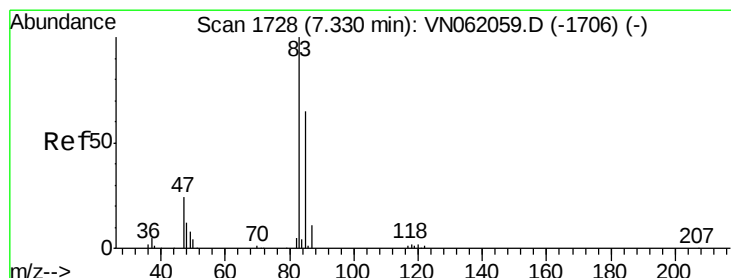
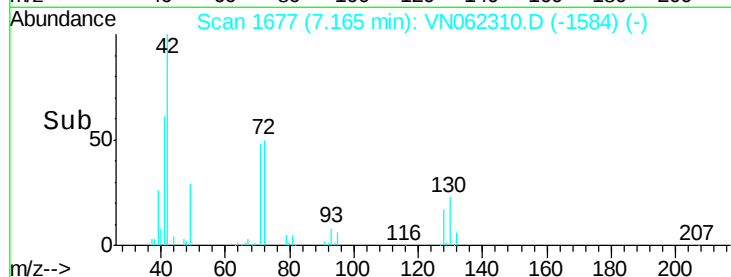
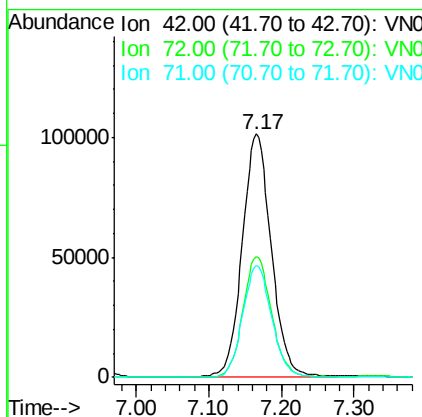
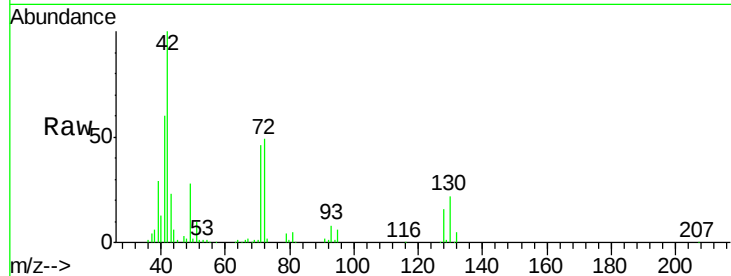
#29
Tetrahydrofuran
Concen: 327.015 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	41.1	61.7
71	45.7	38.2	57.4

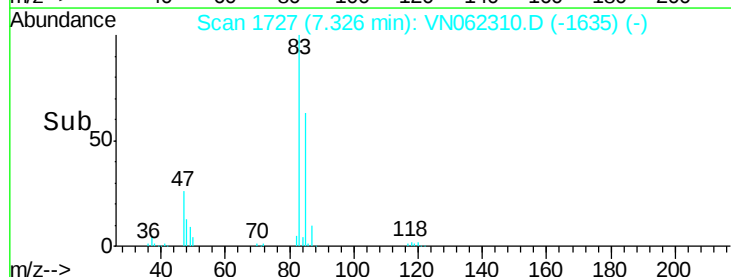
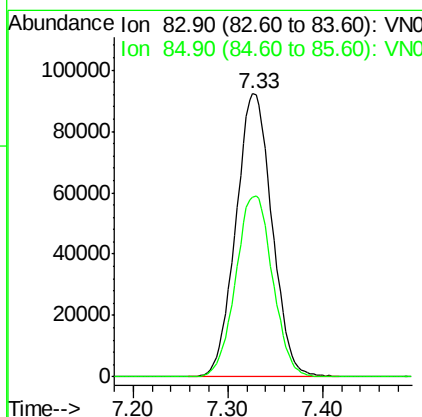
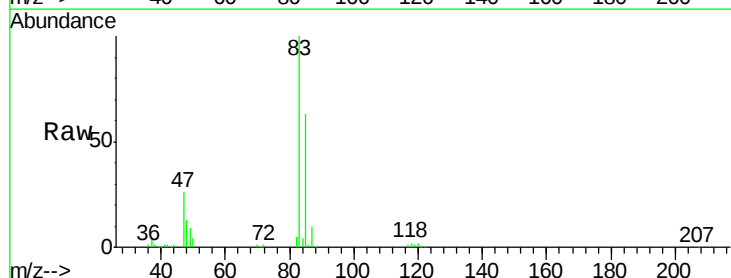
Manual Integrations
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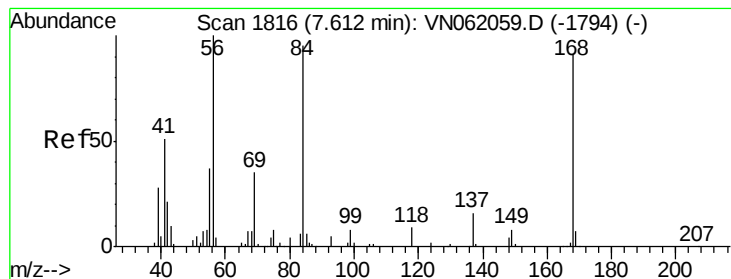
MMDadoda
7/2/2020 12:31:06 PM



#30
Chloroform
Concen: 54.401 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	52.3	78.5





#31

Cyclohexane

Concen: 49.183 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

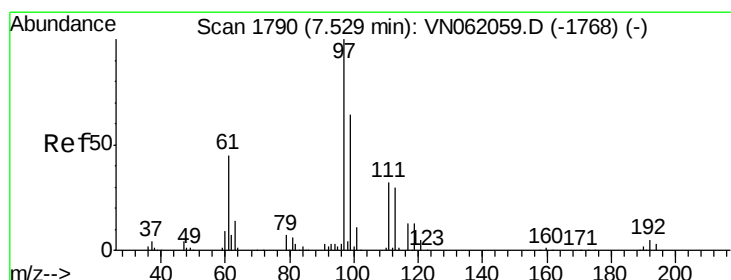
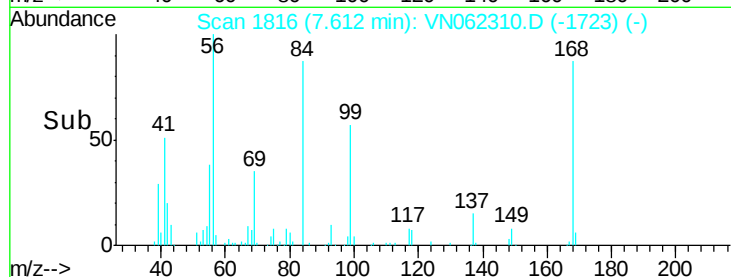
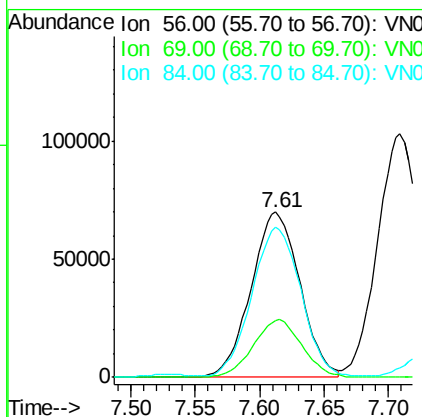
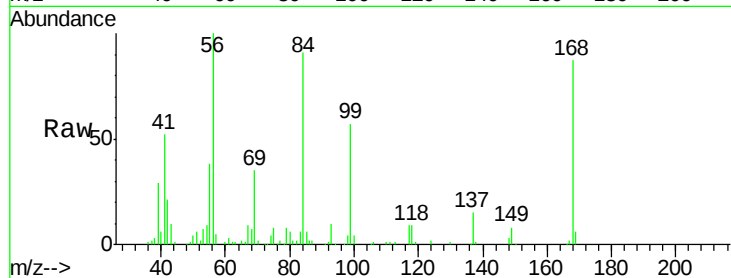
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	184448
Ion Ratio	Lower	Upper	
56	100		
69	34.7	28.0	42.0
84	89.8	76.1	114.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.230 ug/l

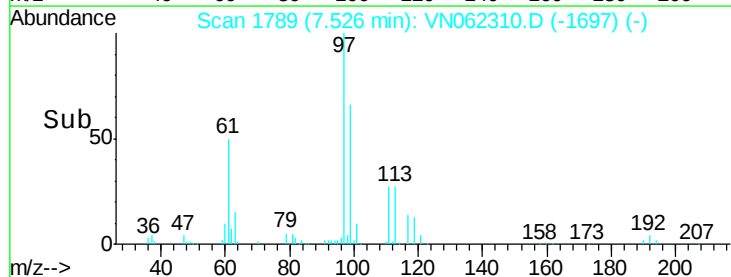
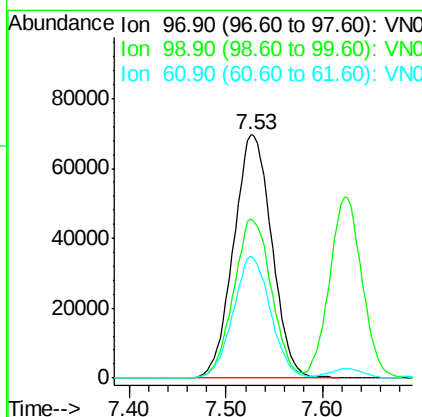
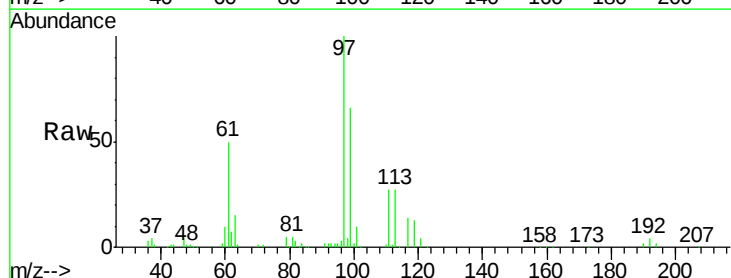
RT: 7.53 min Scan# 1789

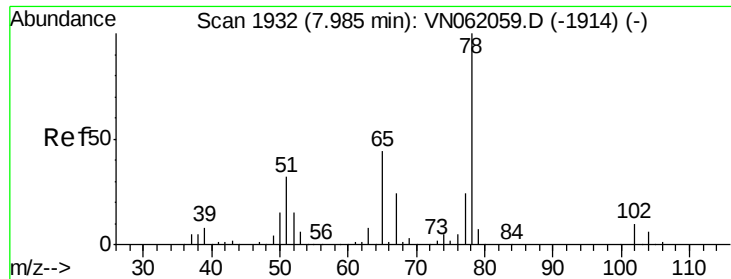
Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Tgt Ion:	97	Resp:	191078
Ion Ratio	Lower	Upper	
97	100		
99	64.7	51.0	76.4
61	49.0	36.2	54.2





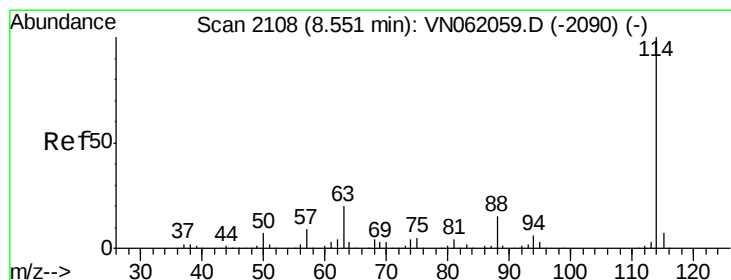
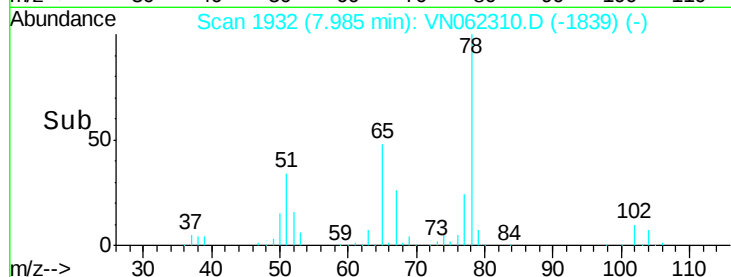
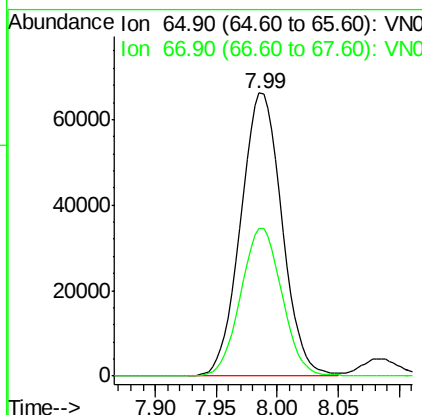
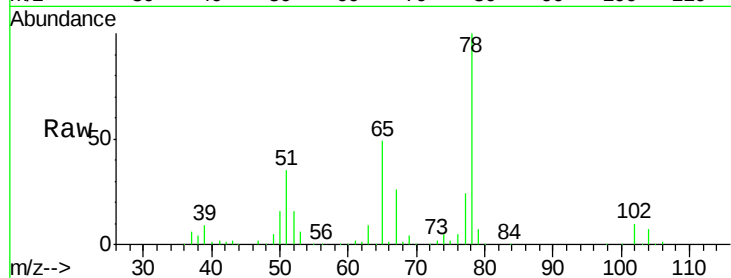
#33
 1,2-Dichloroethane-d4
 Concen: 57.191 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	155240		
67	52.2	0.0	106.2	

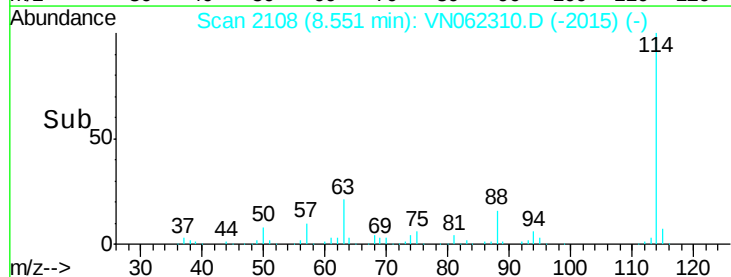
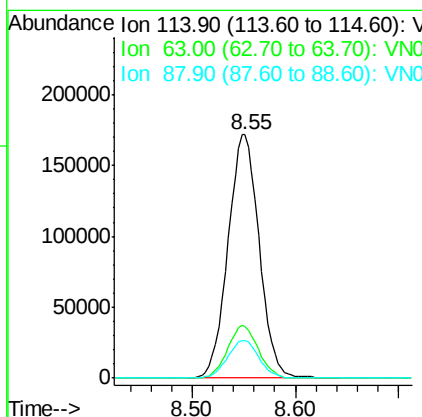
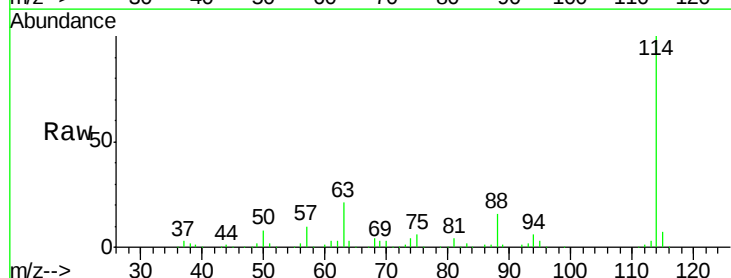
Manual Integrations
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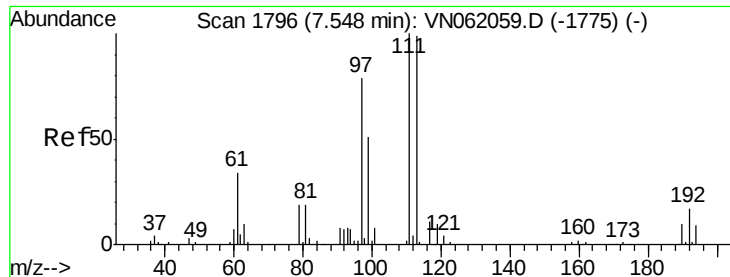
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	361454		
63	21.0	0.0	39.2	
88	15.7	0.0	30.8	





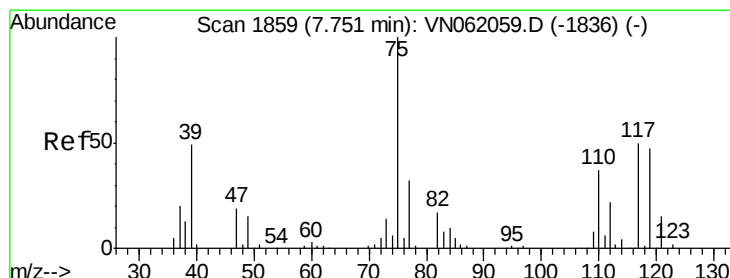
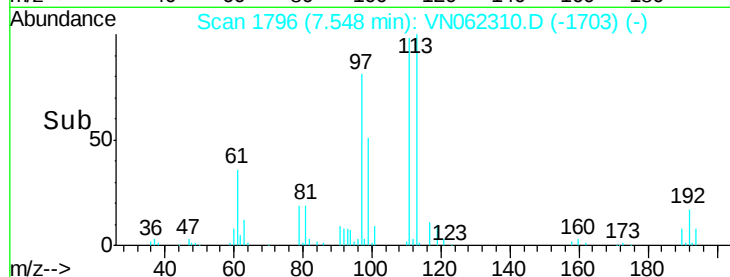
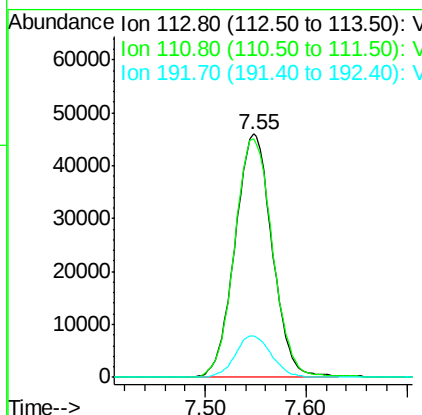
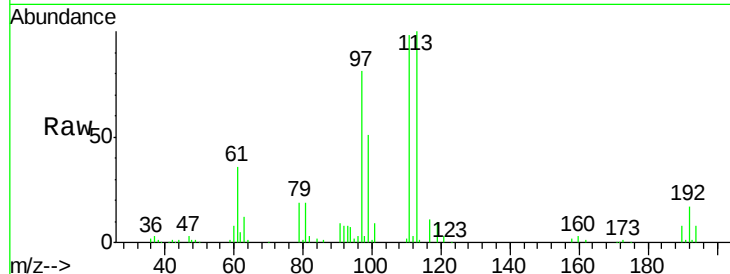
#35
 Dibromofluoromethane
 Concen: 50.681 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	117524		
111	99.9	82.2	123.4	
192	16.6	14.0	21.0	

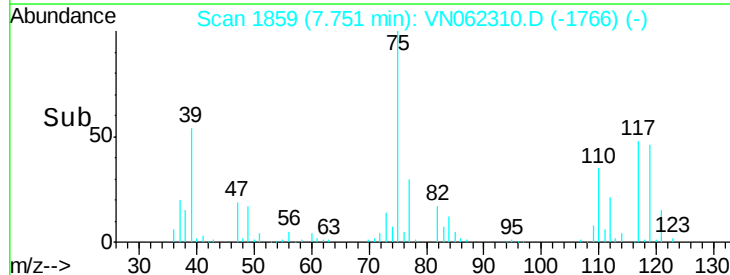
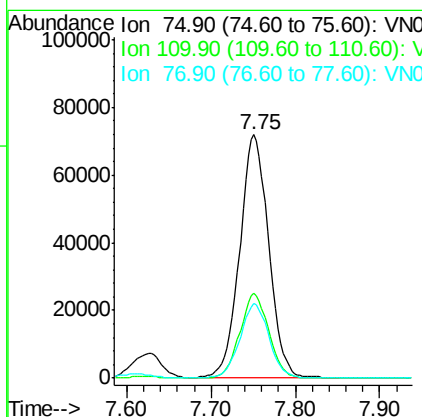
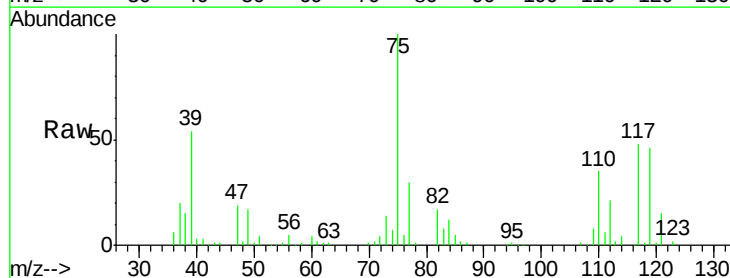
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#36
 1,1-Dichloropropene
 Concen: 47.267 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	171728		
110	34.5	17.9	53.8	
77	30.9	24.9	37.3	





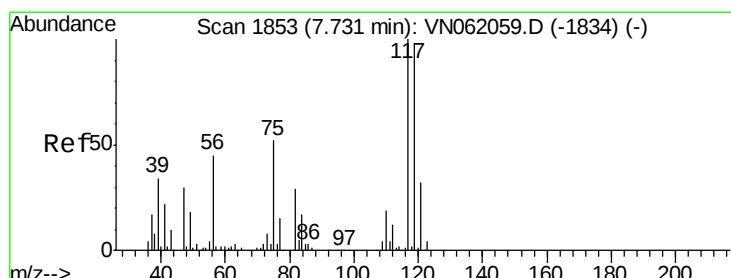
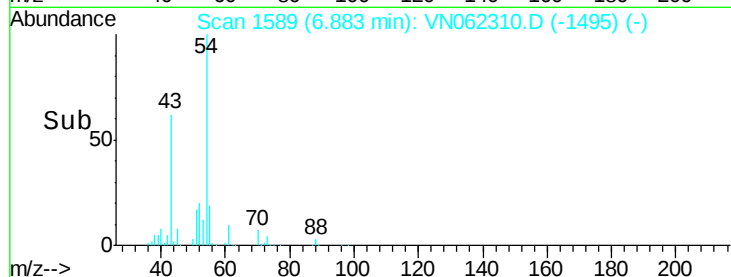
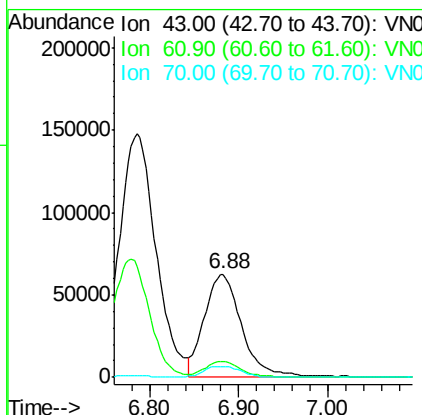
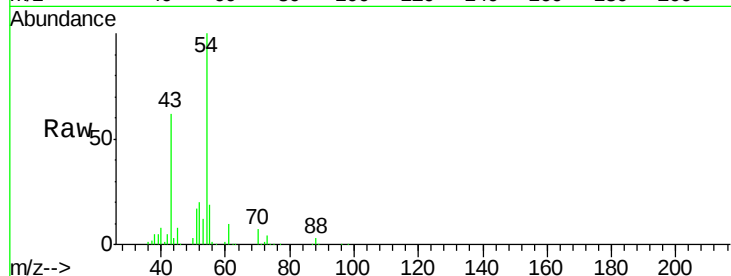
#37
Ethyl Acetate
Concen: 59.313 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.0	18.0
70	11.0	9.6	14.4

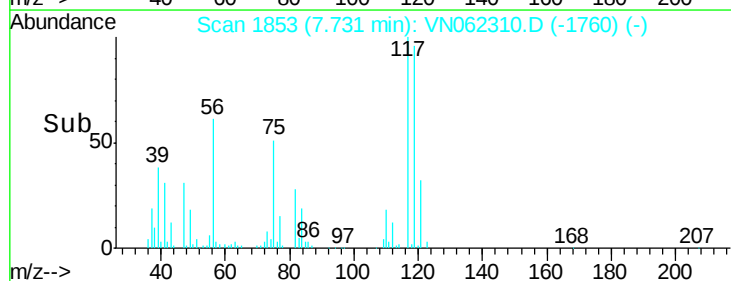
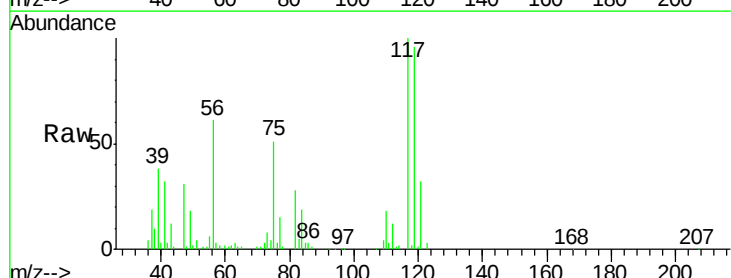
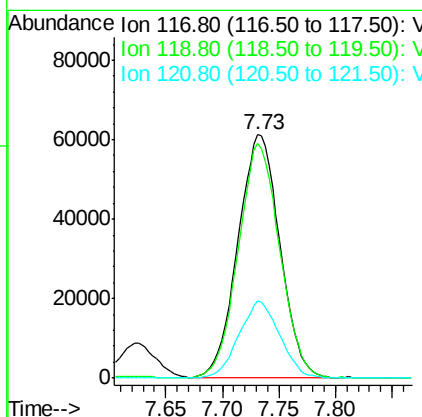
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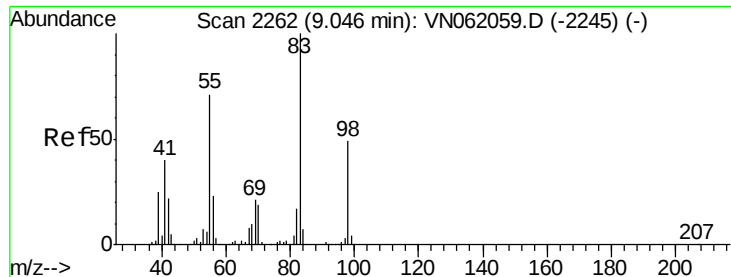
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#38
Carbon Tetrachloride
Concen: 46.179 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.2	117.2
121	31.5	25.8	38.6





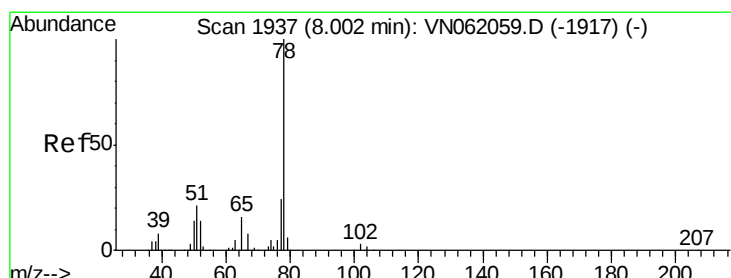
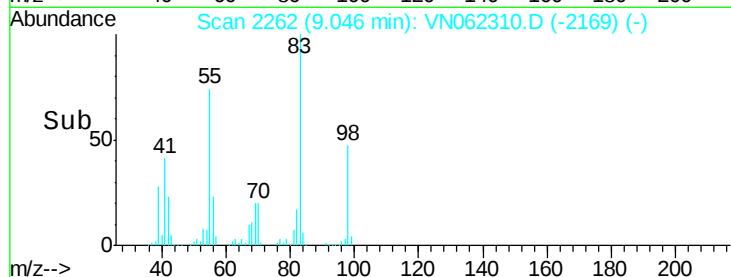
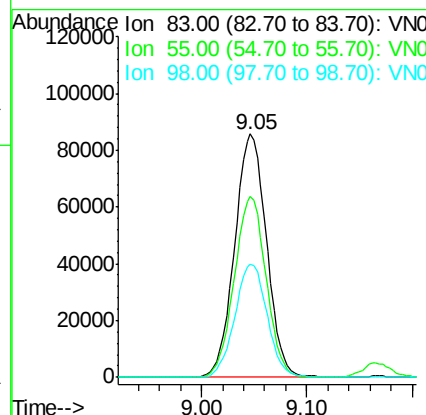
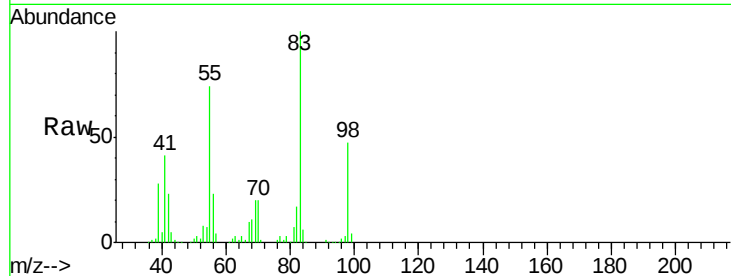
#39
Methvlcvclohexane
Concen: 45.106 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	179559		
55	74.3		57.0	85.6
98	46.6		39.0	58.6

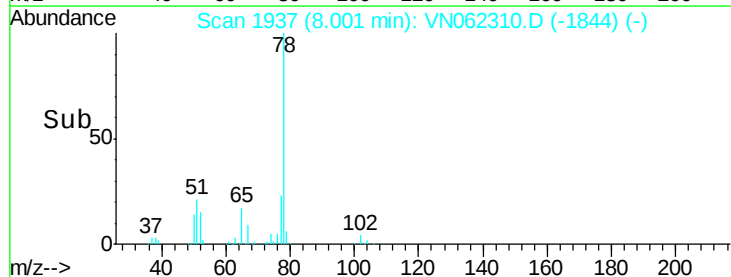
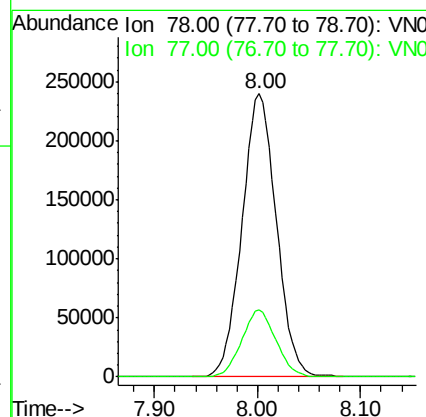
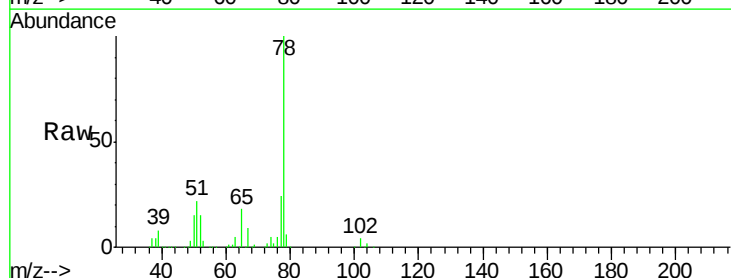
Manual Integrations
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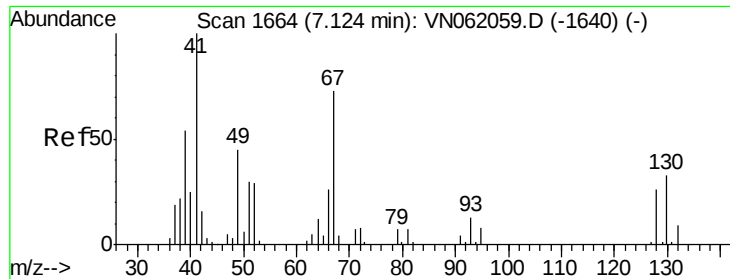
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#40
Benzene
Concen: 50.206 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	555970		
77	23.6		19.5	29.3





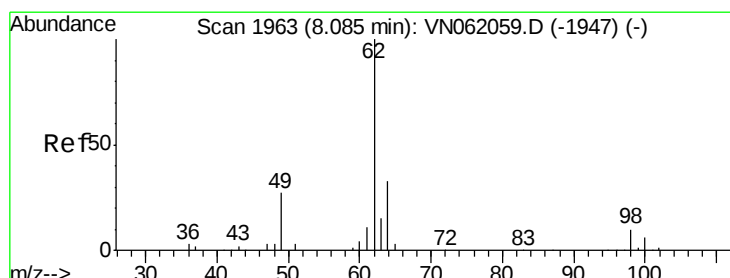
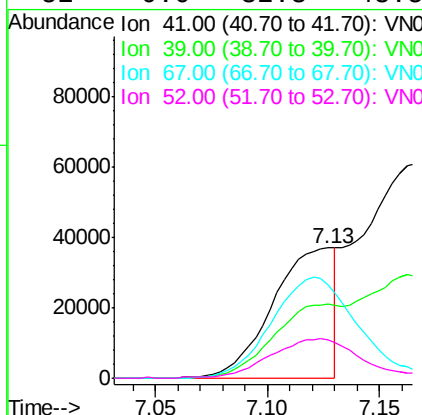
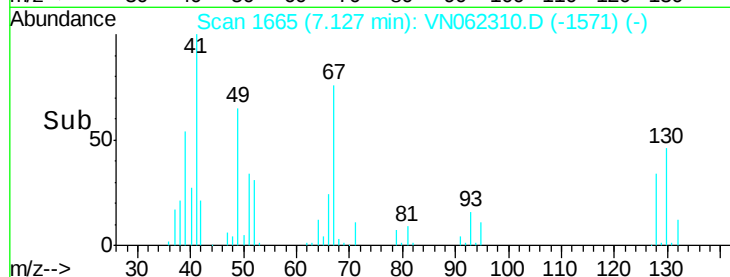
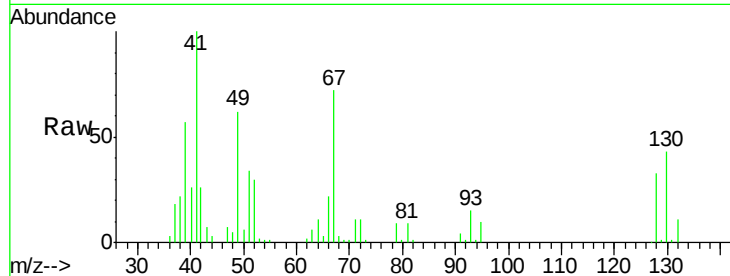
#41
Methacrylonitrile
Concen: 51.411 ug/l m
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

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#

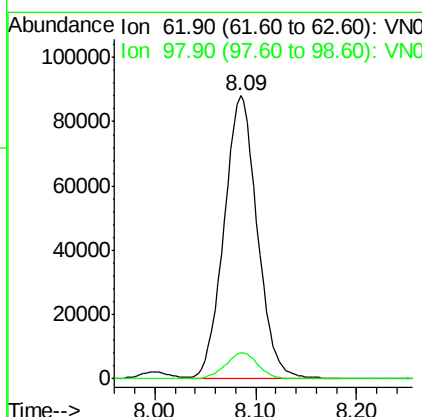
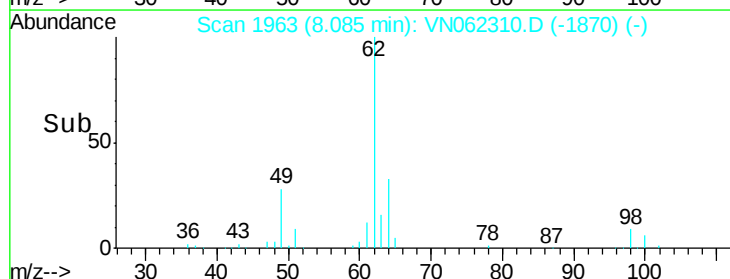
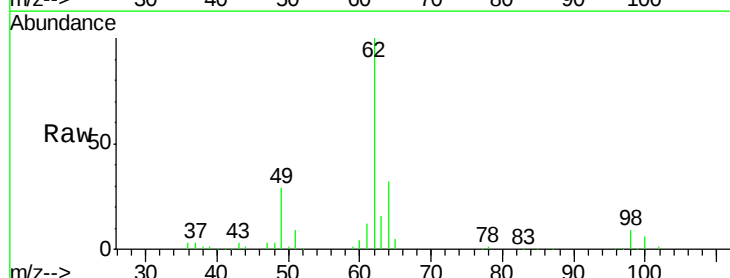
Manual Integrations
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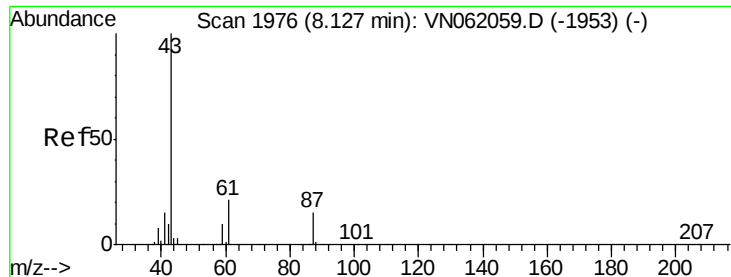
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#42
1,2-Dichloroethane
Concen: 53.786 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8





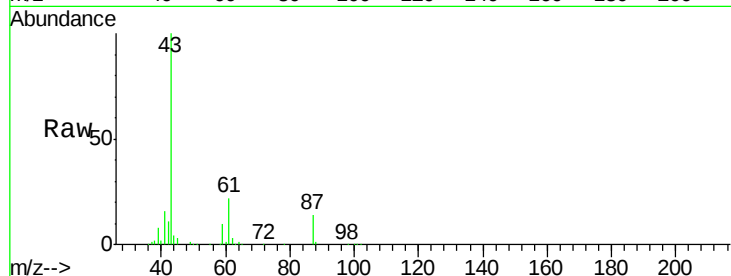
#43
Isopropyl Acetate
Concen: 58.510 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

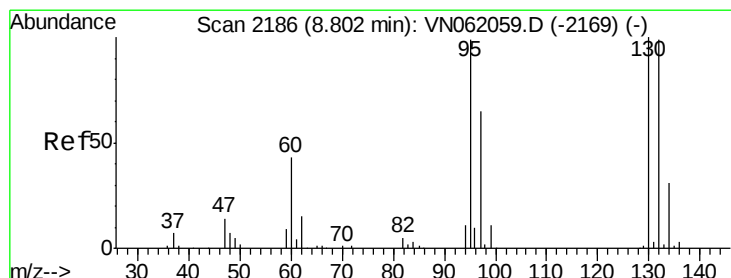
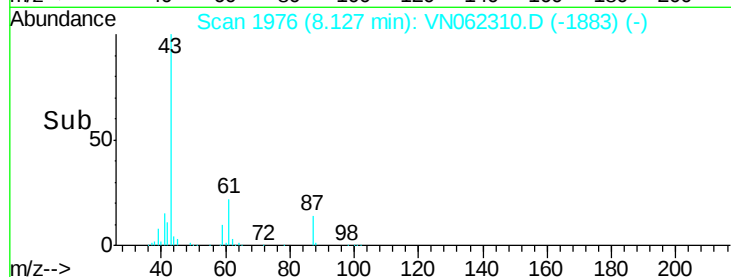
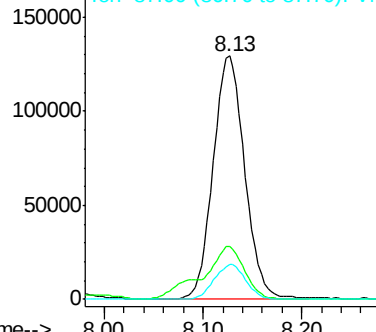
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	17.2	25.8
87	14.3	12.1	18.1

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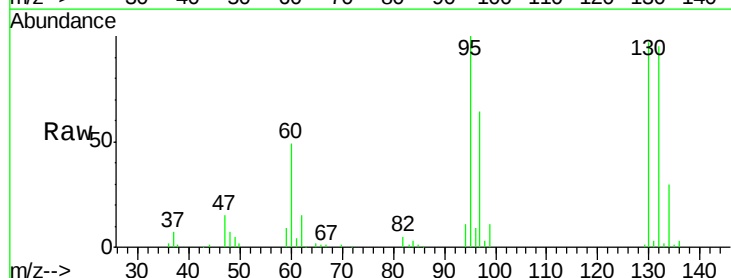


Abundance Ion 43.00 (42.70 to 43.70): VN062310.D (-1883) (-)

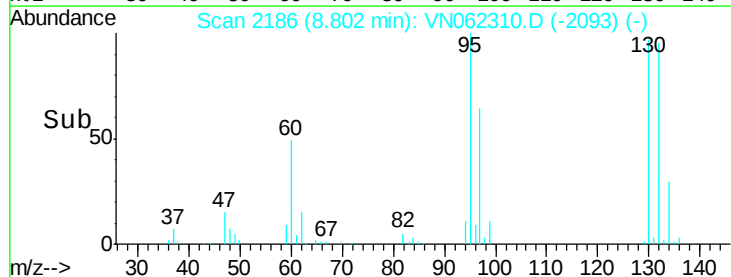
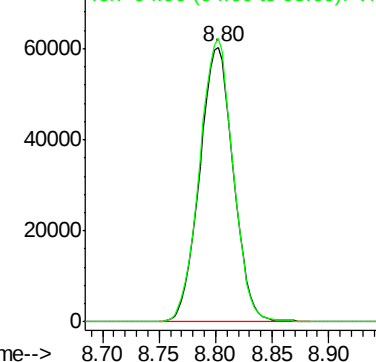


#44
Trichloroethene
Concen: 44.929 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.1	0.0	197.8



Abundance Ion 129.80 (129.50 to 130.50): VN062310.D (-2093) (-)





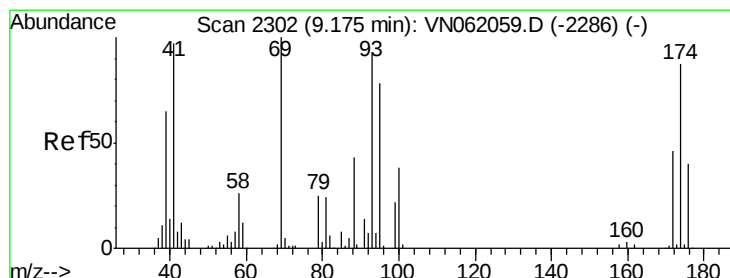
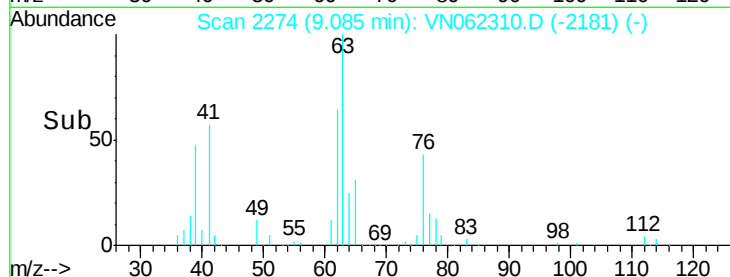
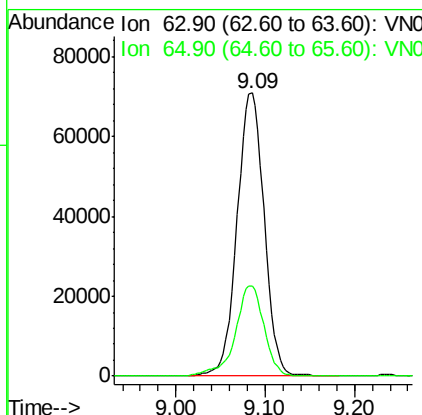
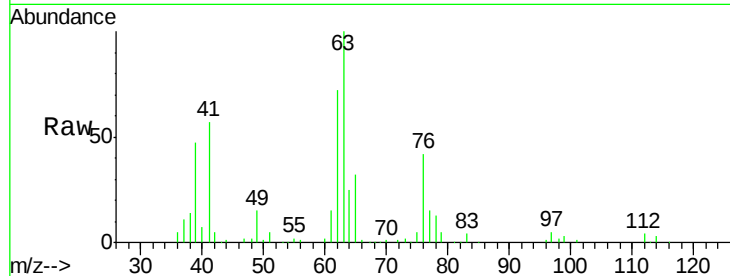
#45
 1,2-Dichloropropane
 Concen: 54.871 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 149903
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.0 37.4

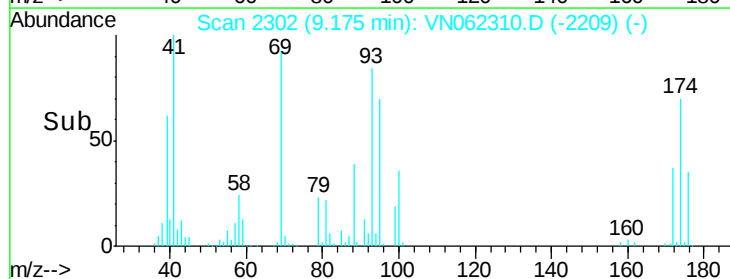
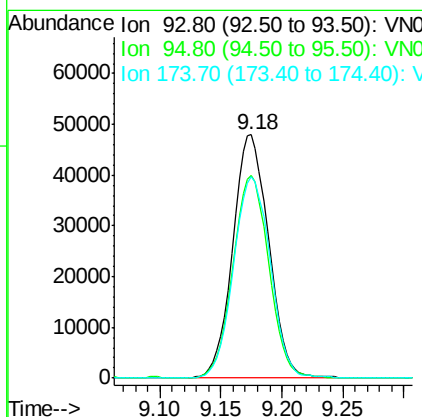
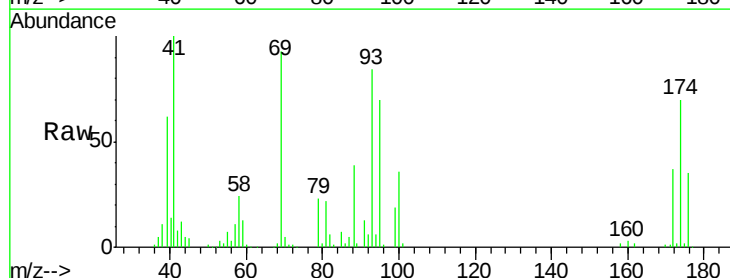
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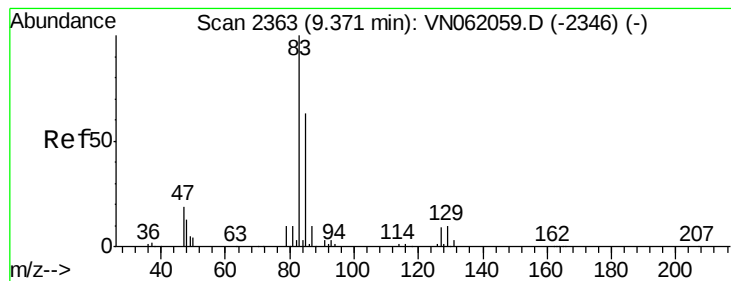
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#46
 Dibromomethane
 Concen: 52.792 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 93 Resp: 97785
 Ion Ratio Lower Upper
 93 100
 95 83.5 67.0 100.6
 174 84.8 74.4 111.6





#47

Bromodichloromethane

Concen: 53.522 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

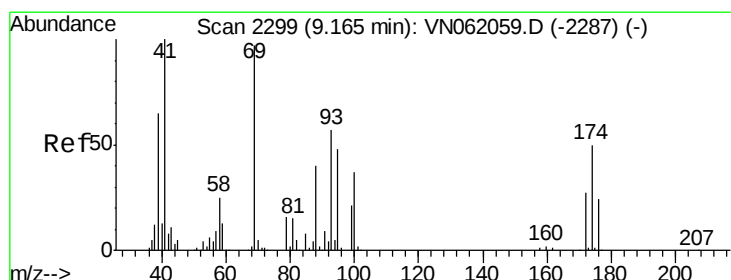
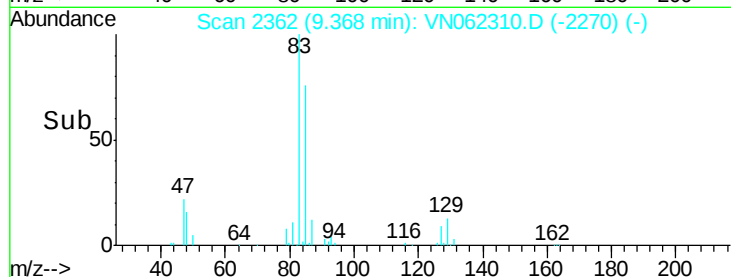
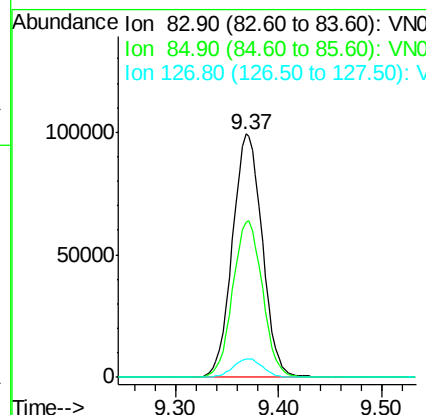
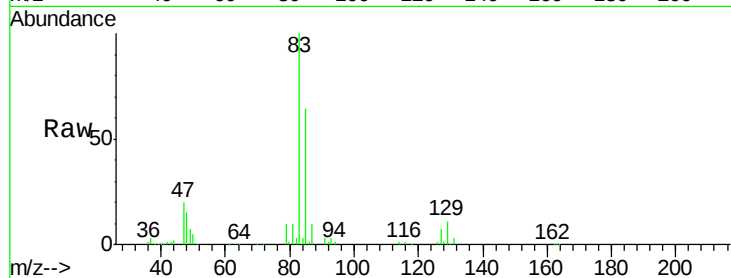
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	200171
Ion Ratio	Lower	Upper	
83	100		
85	63.8	50.3	75.5
127	7.5	6.9	10.3

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#48

Methyl methacrylate

Concen: 62.221 ug/l

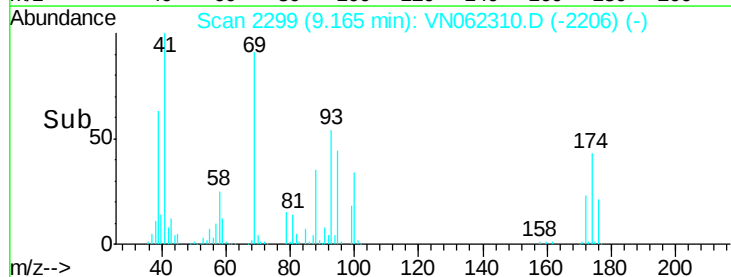
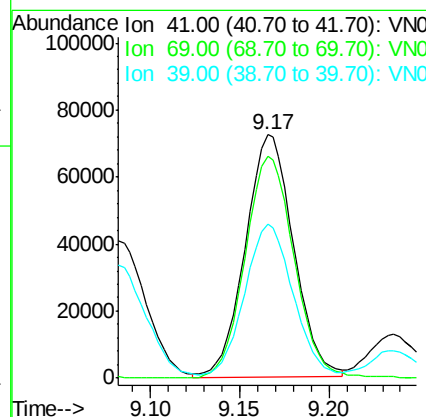
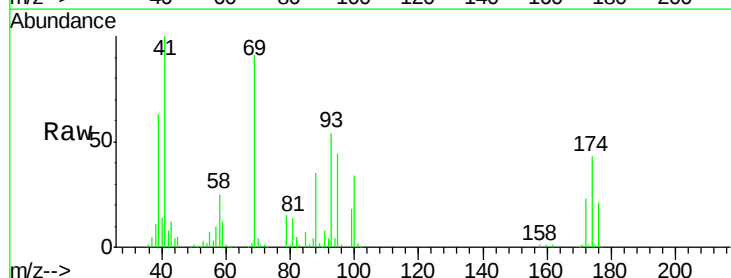
RT: 9.17 min Scan# 2299

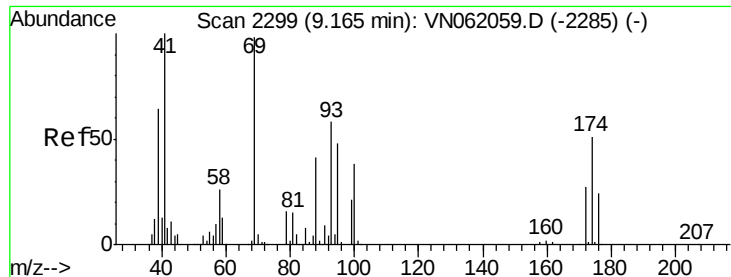
Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Tgt Ion:	41	Resp:	136819
Ion Ratio	Lower	Upper	
41	100		
69	93.3	80.7	121.1
39	63.6	54.5	81.7





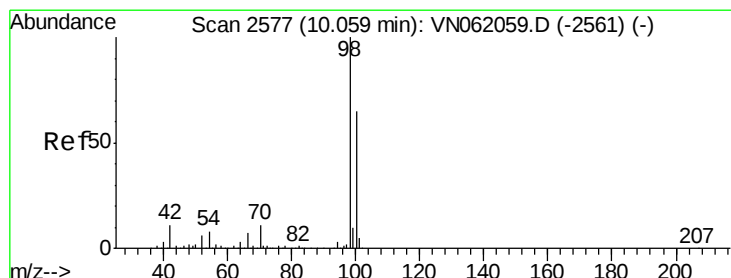
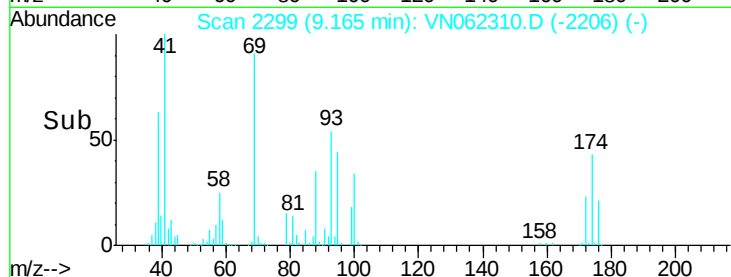
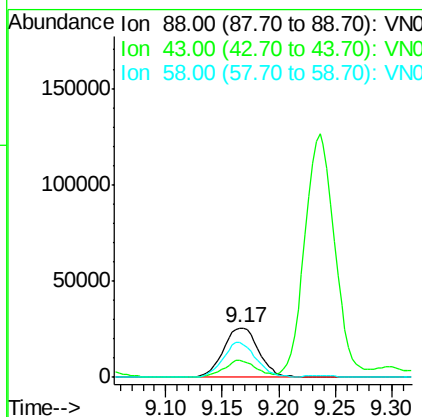
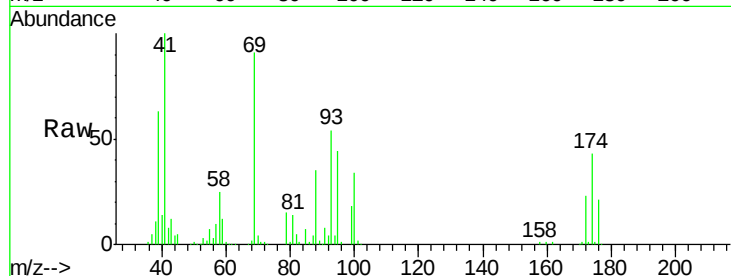
#49
1,4-Dioxane
Concen: 1155.175 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	56331
Ion	Ratio	Lower	Upper
88	100		
43	31.6	22.0	33.0
58	65.8	49.2	73.8

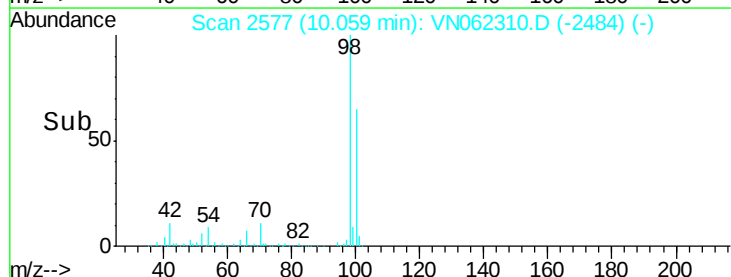
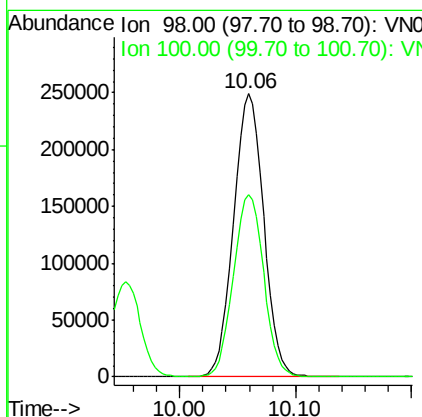
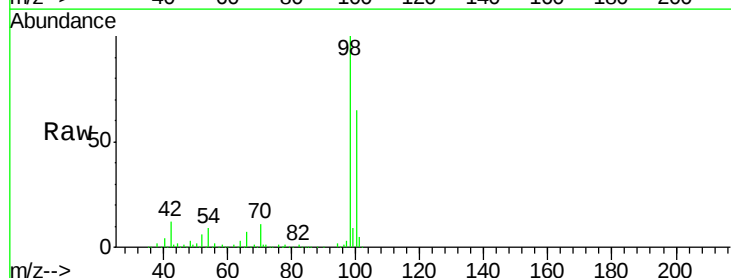
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#50
Toluene-d8
Concen: 48.321 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	98	Resp	447908
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 315.790 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 904850

Ion Ratio Lower Upper

43 100

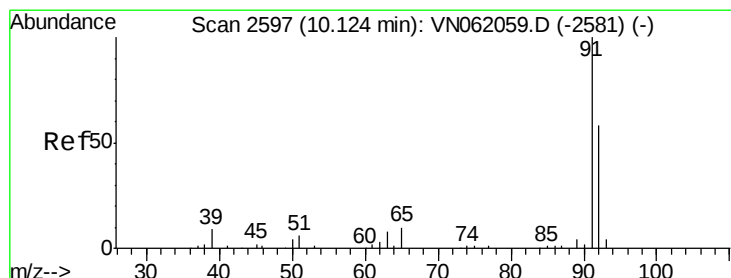
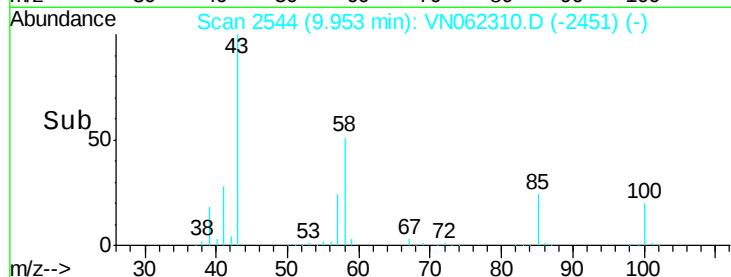
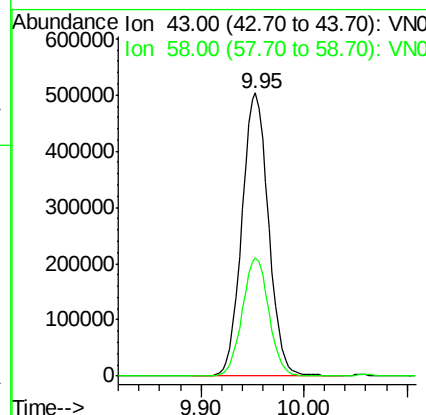
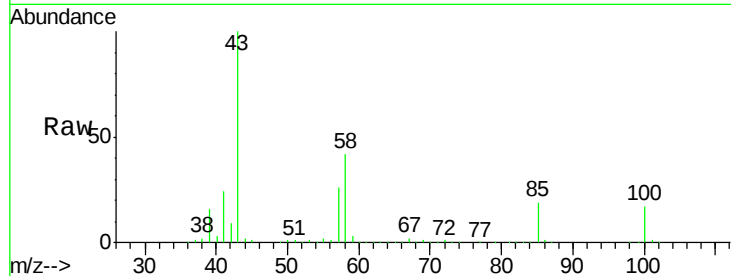
58 41.8 34.2 51.2

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#52

Toluene

Concen: 50.428 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062310.D

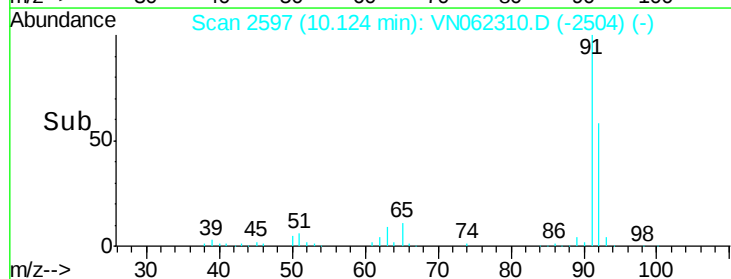
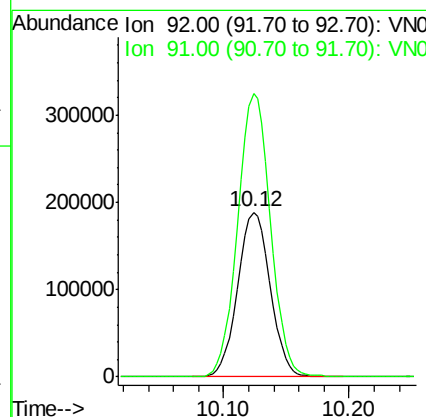
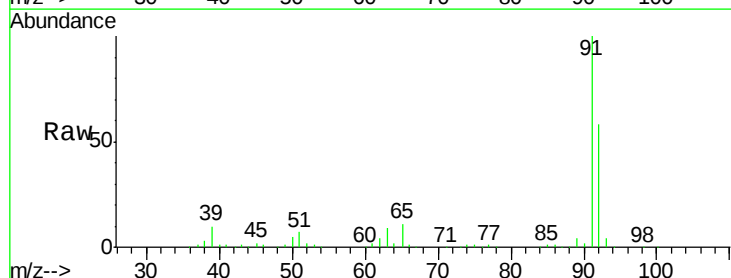
Acq: 1 Jul 2020 23:55

Tgt Ion: 92 Resp: 340727

Ion Ratio Lower Upper

92 100

91 173.2 137.4 206.0





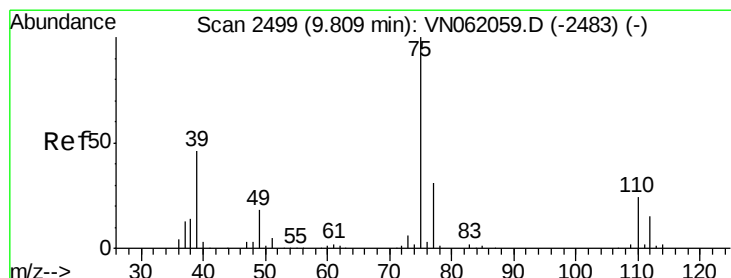
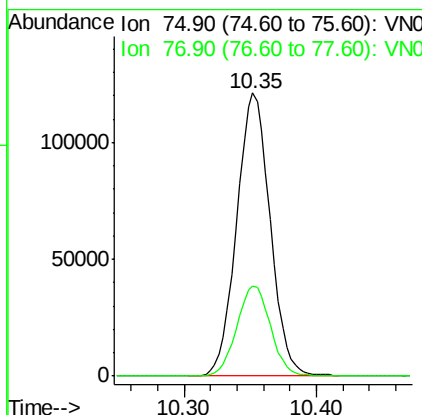
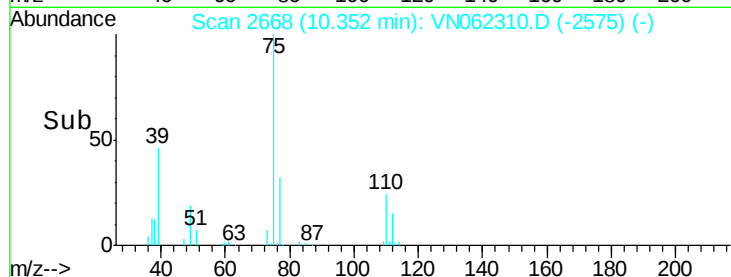
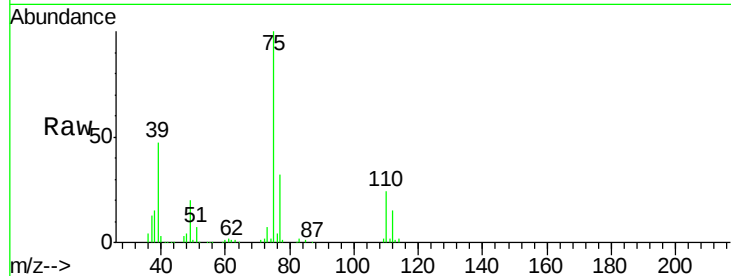
#53
 t-1,3-Dichloropropene
 Concen: 51.644 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 75 Resp: 212498
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.5 38.3

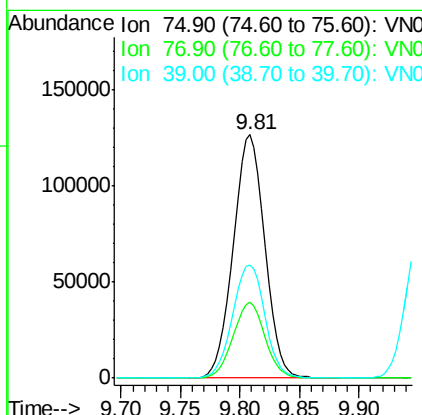
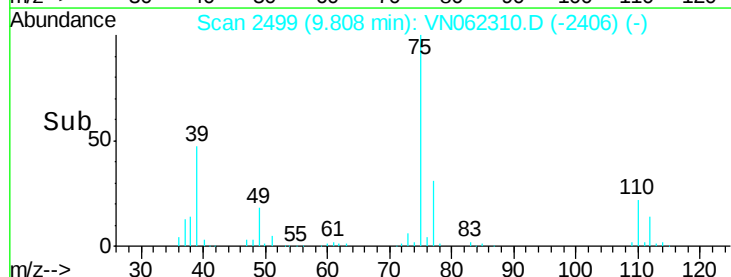
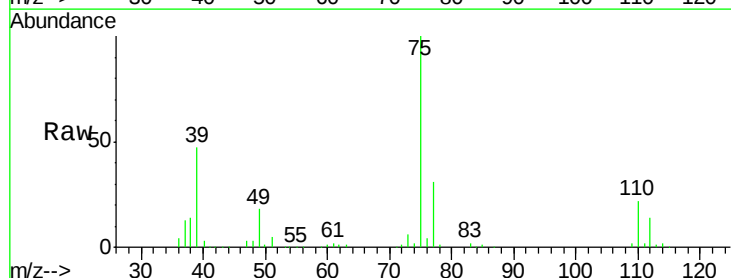
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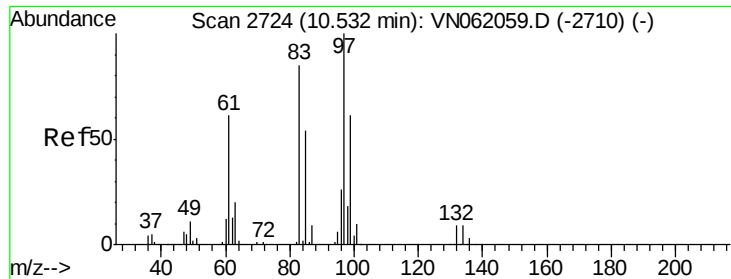
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#54
 cis-1,3-Dichloropropene
 Concen: 53.090 ug/l
 RT: 9.81 min Scan# 2499
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 75 Resp: 232571
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.0 37.6
 39 46.5 36.9 55.3





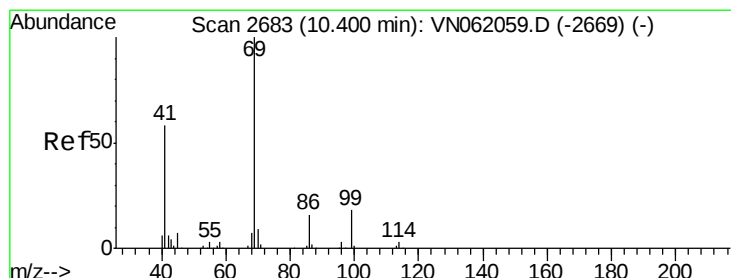
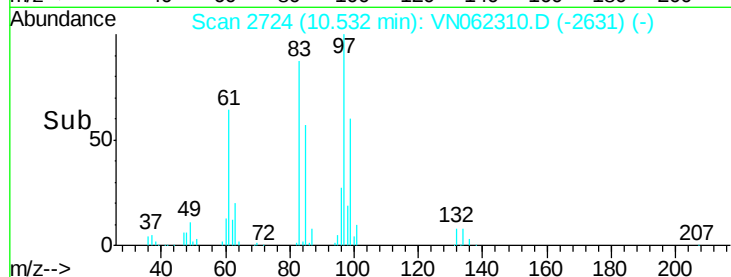
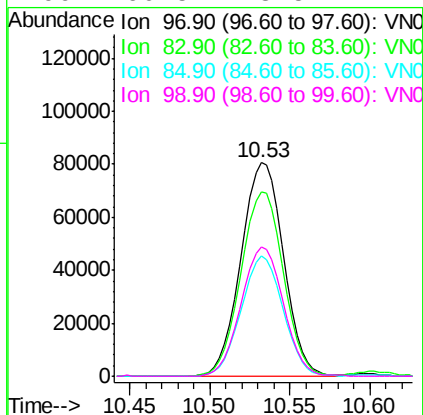
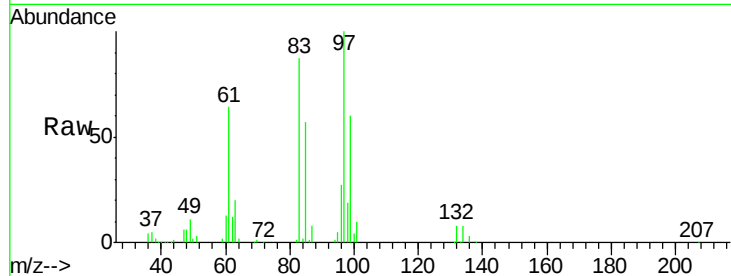
#55
 1,1,2-Trichloroethane
 Concen: 55.144 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	146462
Ion	Ratio	Lower	Upper
97	100		
83	86.5	68.2	102.2
85	56.6	43.2	64.8
99	60.5	48.5	72.7

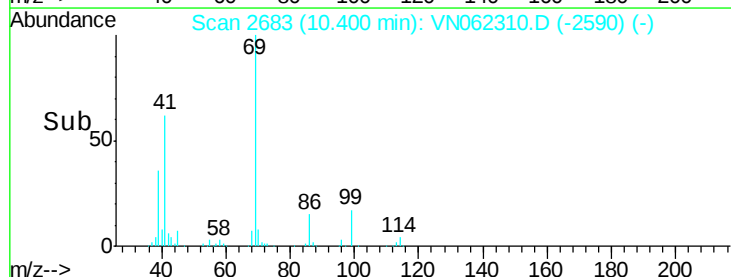
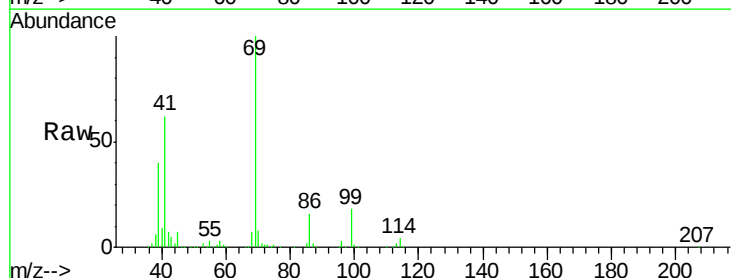
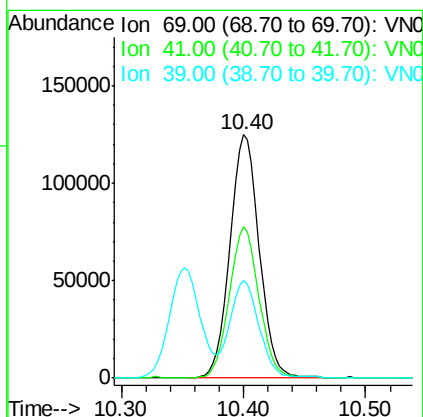
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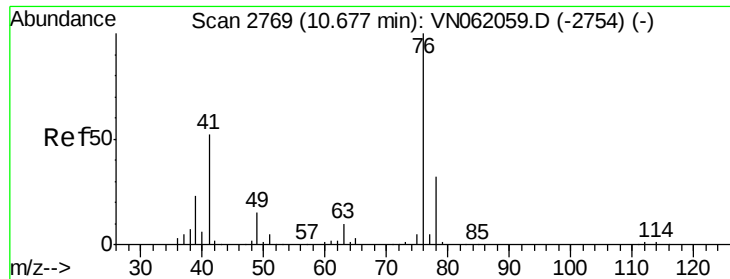
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#56
 Ethyl methacrylate
 Concen: 59.206 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion:	69	Resp:	209854
Ion	Ratio	Lower	Upper
69	100		
41	62.2	46.6	70.0
39	39.8	31.0	46.4





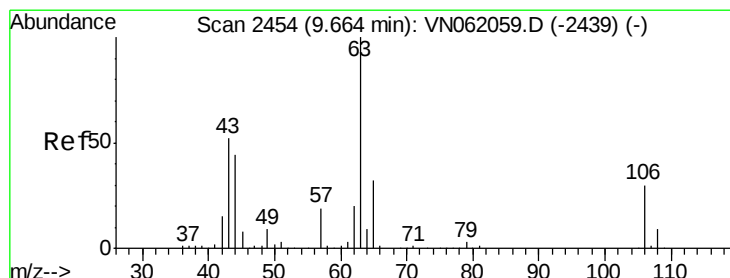
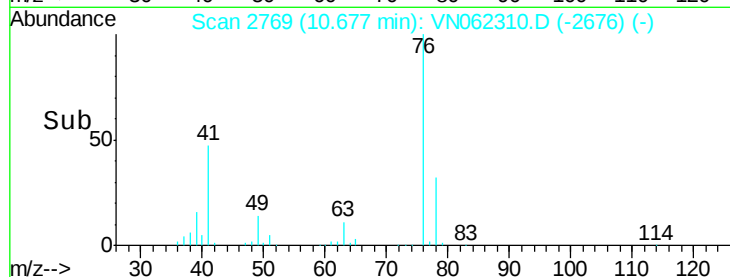
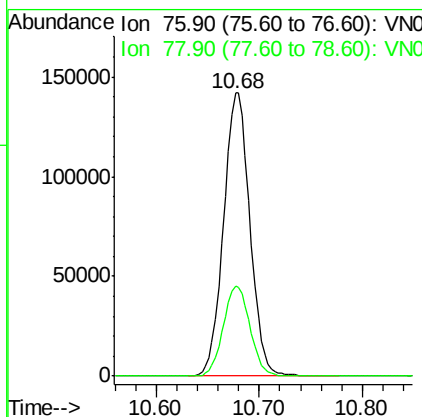
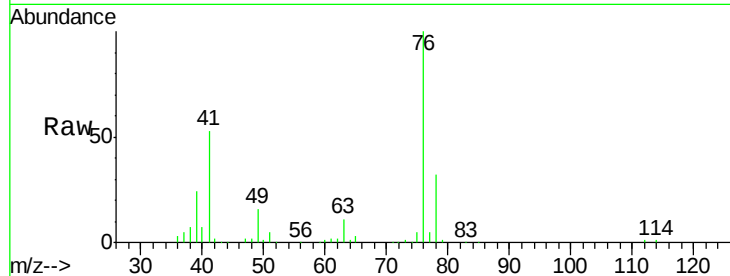
#57
 1,3-Dichloropropane
 Concen: 55.319 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 252897
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

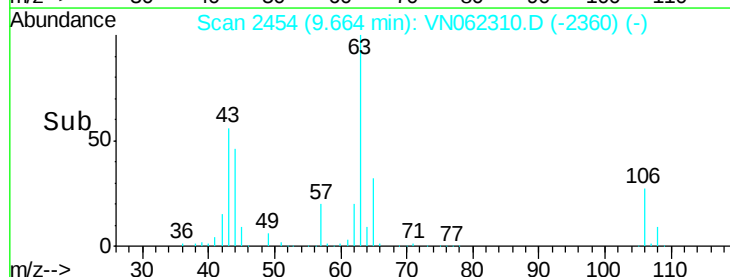
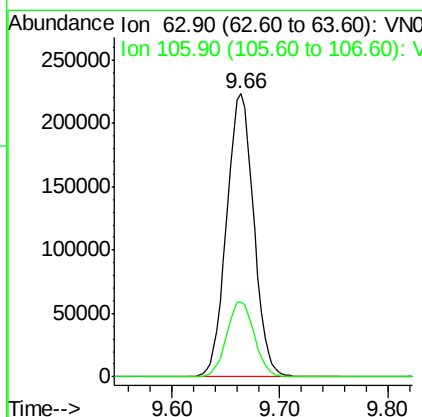
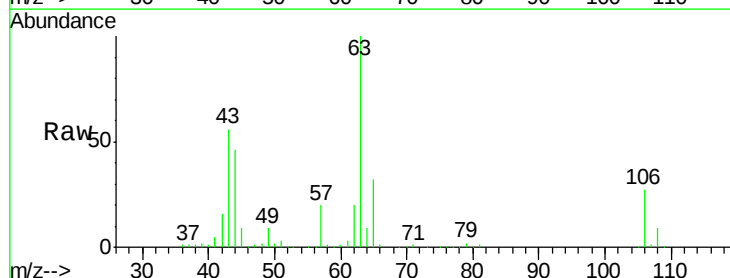
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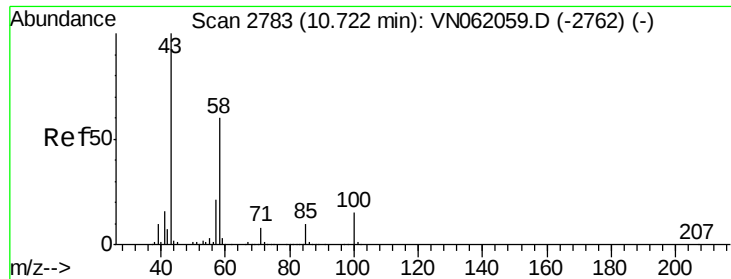
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#58
 2-Chloroethyl Vinyl ether
 Concen: 259.804 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 63 Resp: 393086
 Ion Ratio Lower Upper
 63 100
 106 27.0 23.2 34.8





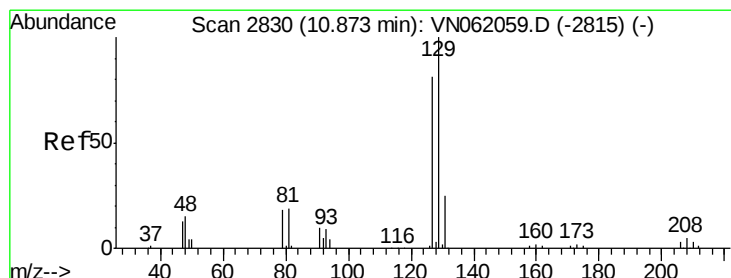
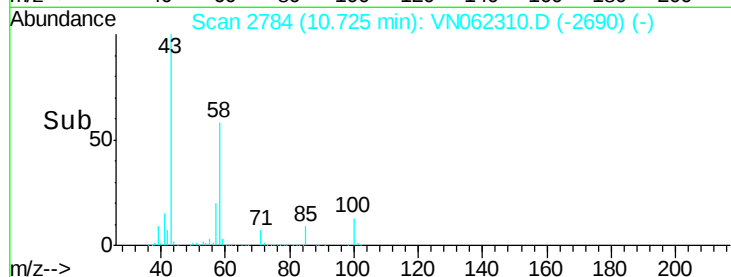
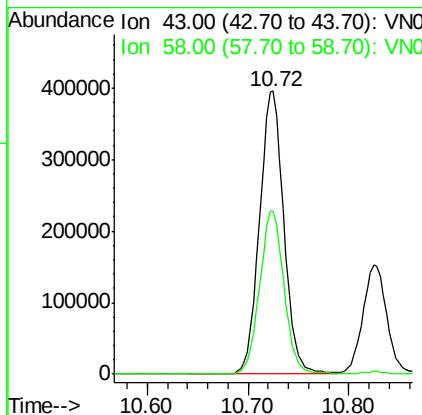
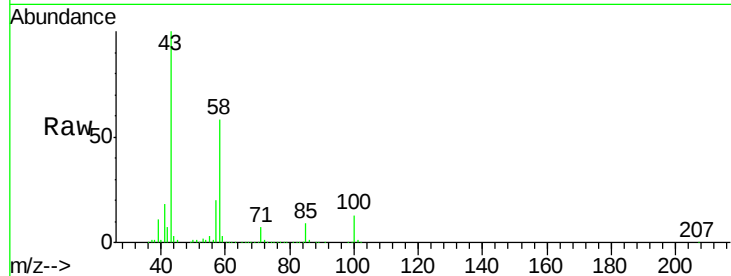
#59
2-Hexanone
Concen: 319.770 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 661625
Ion Ratio Lower Upper
43 100
58 57.8 29.5 88.5

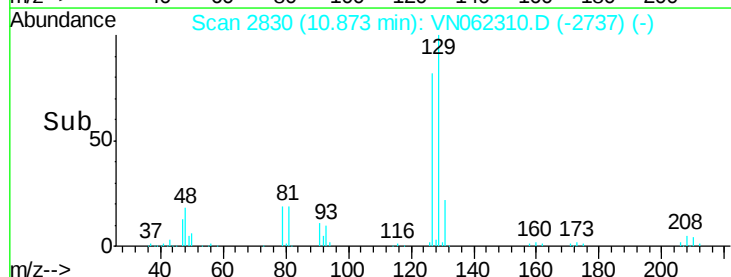
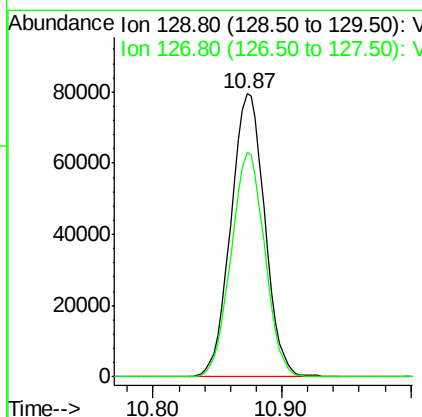
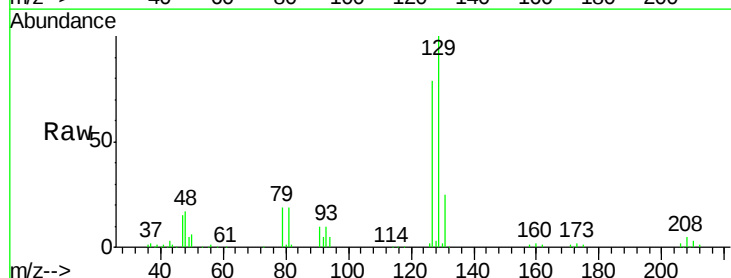
Manual Integrations
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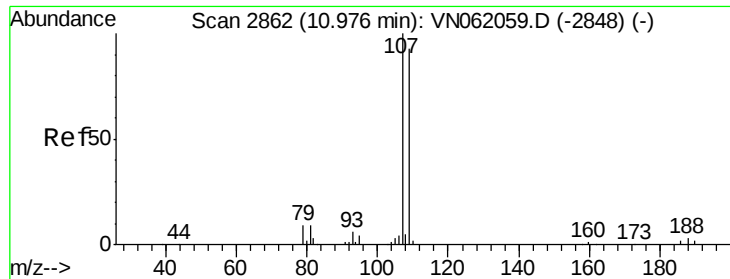
MMDadoda
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#60
Dibromochloromethane
Concen: 51.678 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion:129 Resp: 145314
Ion Ratio Lower Upper
129 100
127 78.6 39.5 118.5





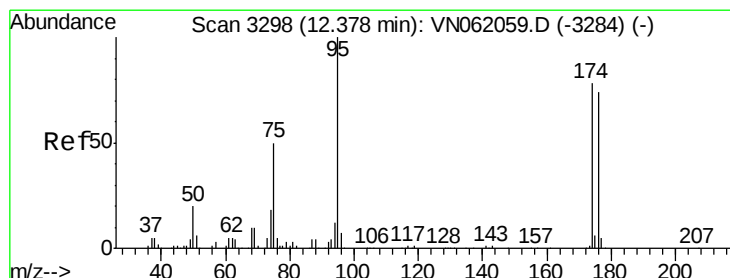
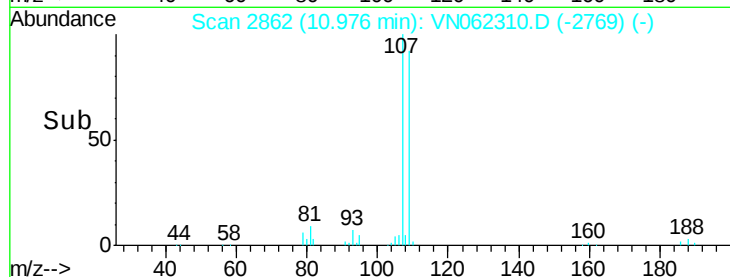
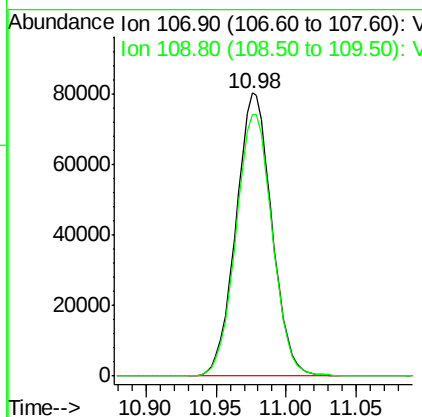
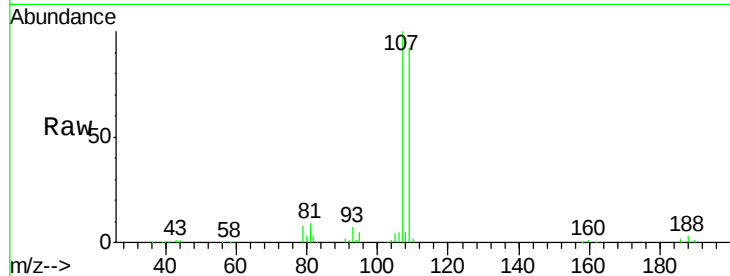
#61
 1,2-Dibromoethane
 Concen: 52.401 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 143006
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.0 112.6

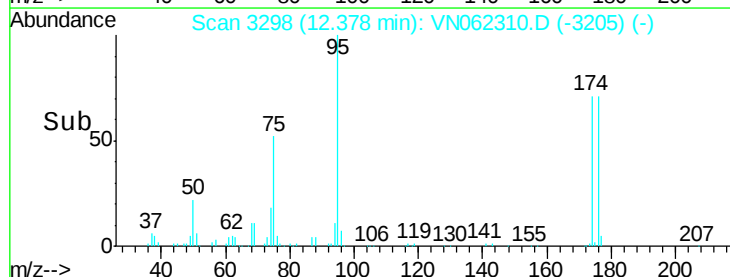
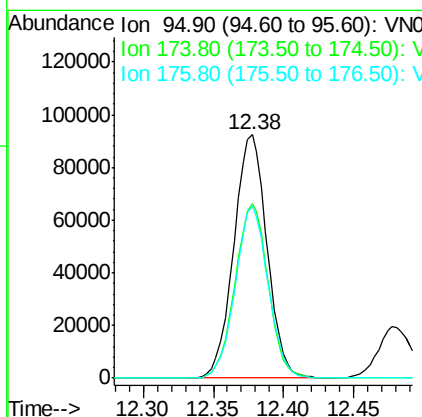
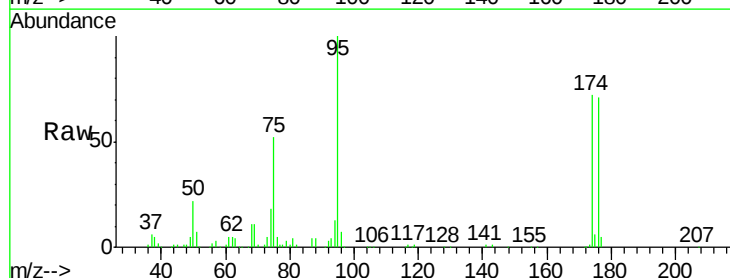
Manual Integrations
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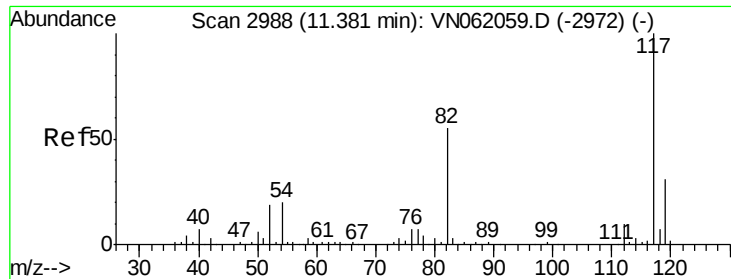
MMDadoda
 7/2/2020 12:31:06 PM



#62
 4-Bromofluorobenzene
 Concen: 48.793 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion: 95 Resp: 152807
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 154.8
 176 69.7 0.0 147.4





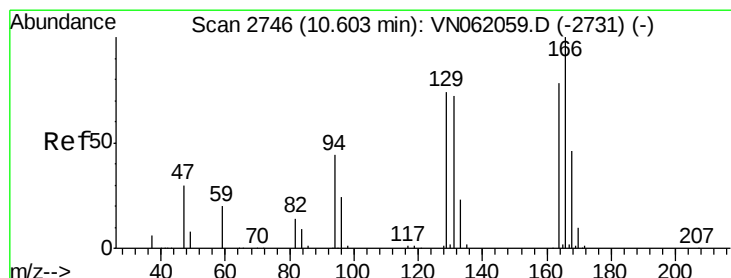
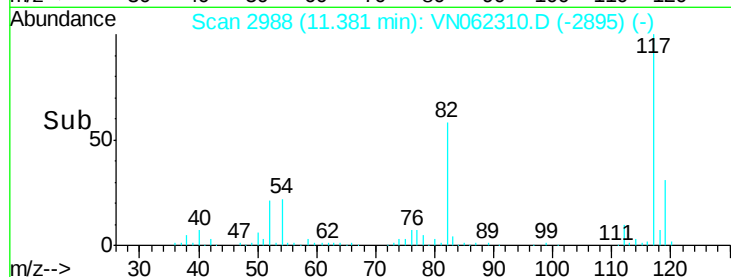
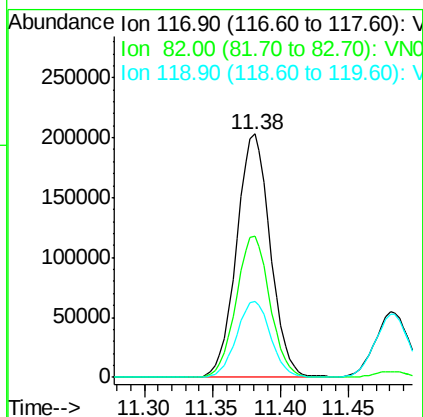
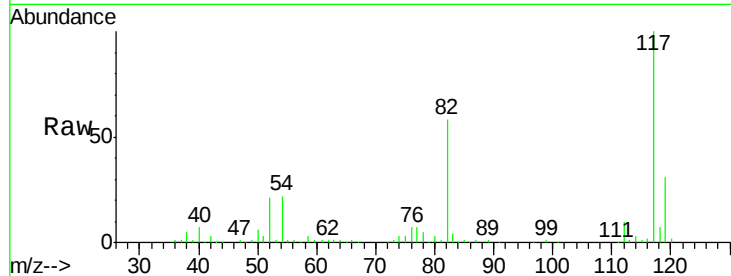
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	43.8	65.8
119	31.3	25.2	37.8

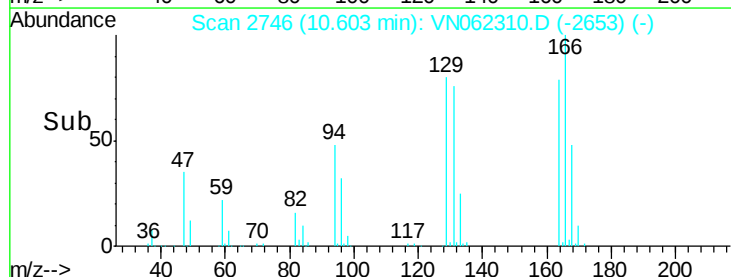
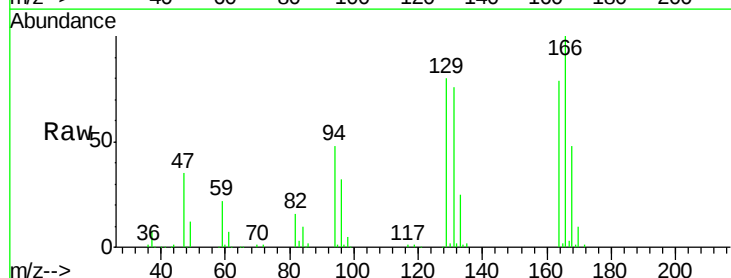
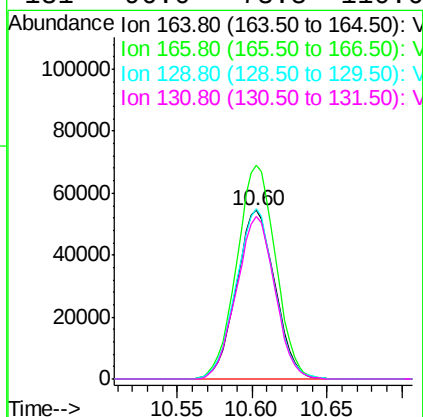
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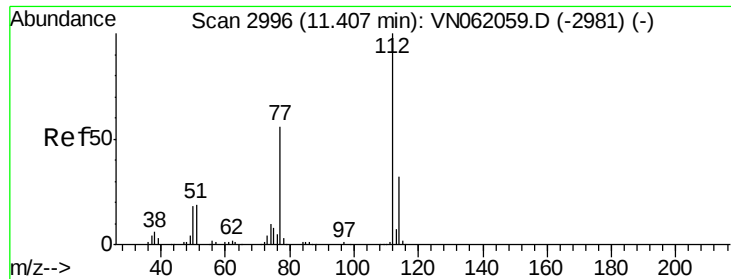
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#64
Tetrachloroethene
Concen: 41.053 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	102.9	154.3
129	100.8	75.8	113.8
131	96.0	73.8	110.6





#65

Chlorobenzene

Concen: 46.950 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 359690

Ion Ratio Lower Upper

112 100

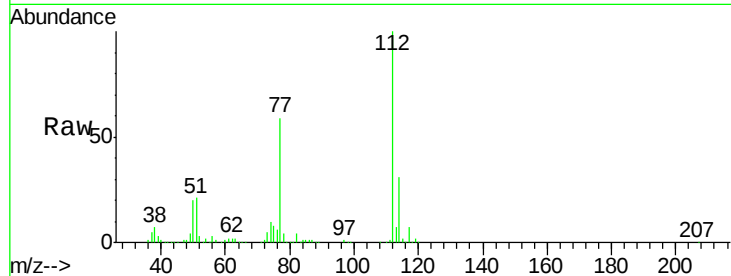
114 31.1 25.8 38.8

Manual Integrations

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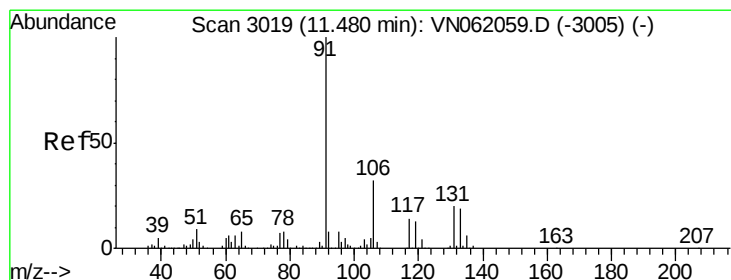
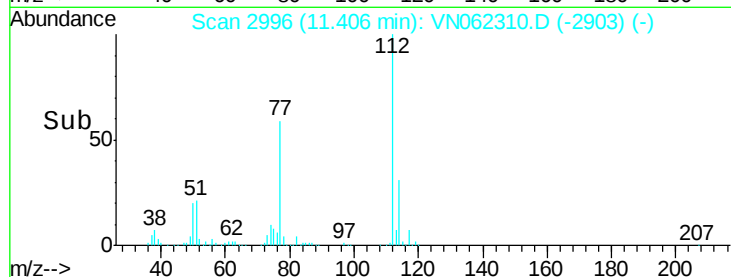
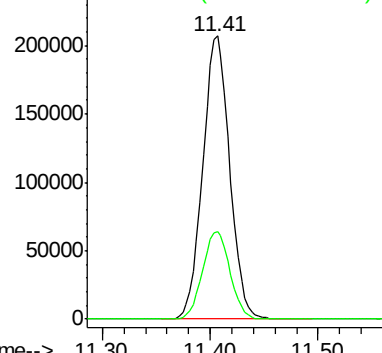
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 48.584 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

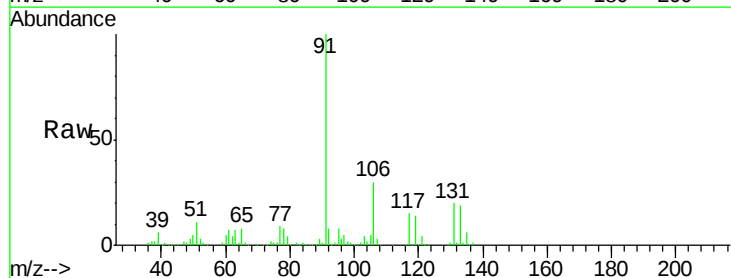
Tgt Ion:131 Resp: 128707

Ion Ratio Lower Upper

131 100

133 94.9 47.6 142.9

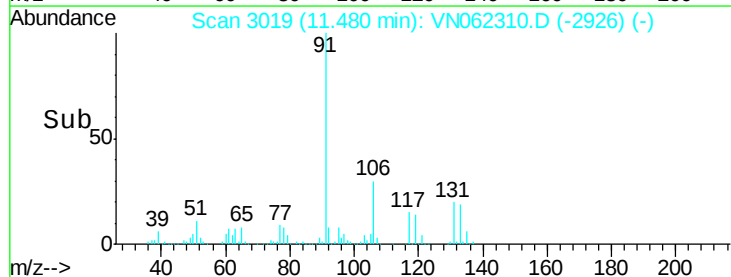
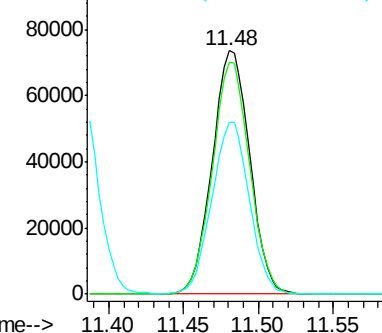
119 70.7 34.4 103.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





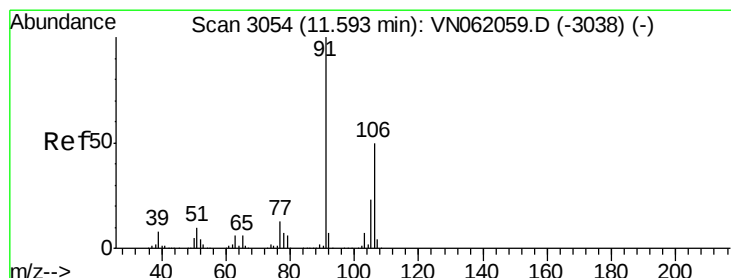
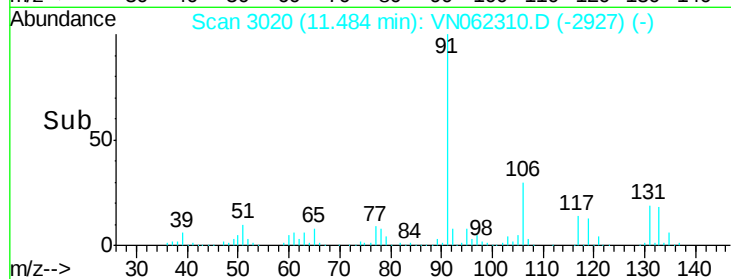
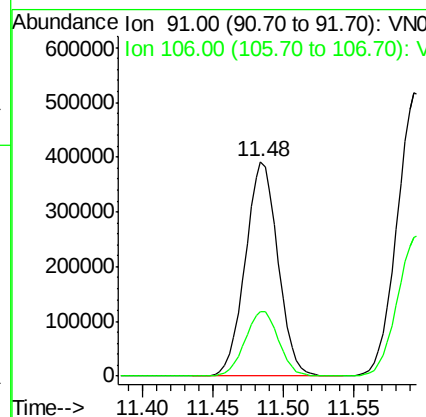
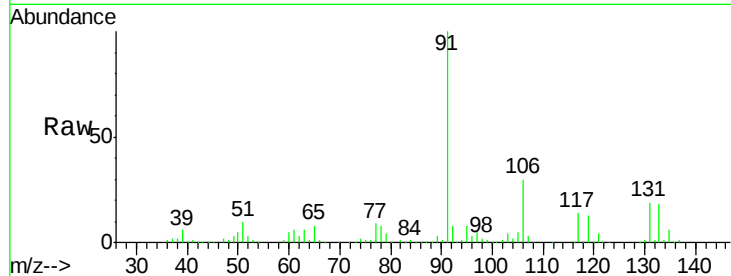
#67
Ethyl Benzene
Concen: 49.267 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 637457
Ion Ratio Lower Upper
91 100
106 30.4 25.3 37.9

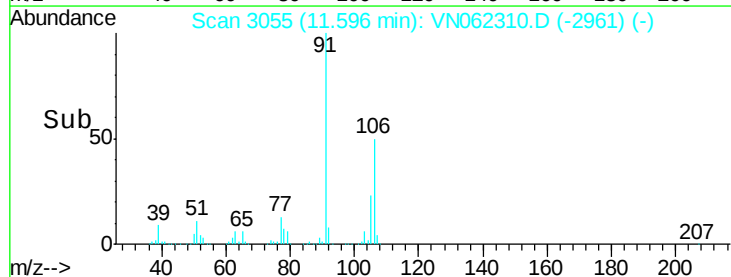
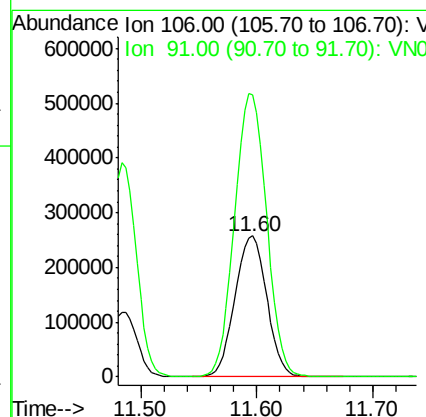
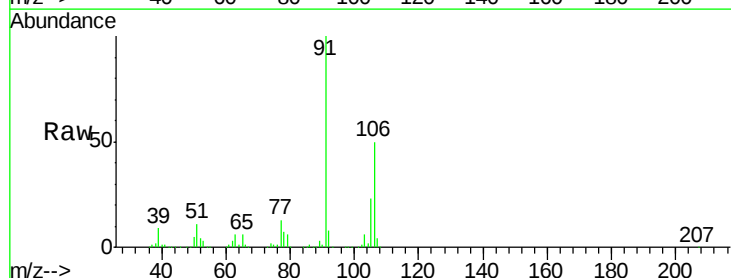
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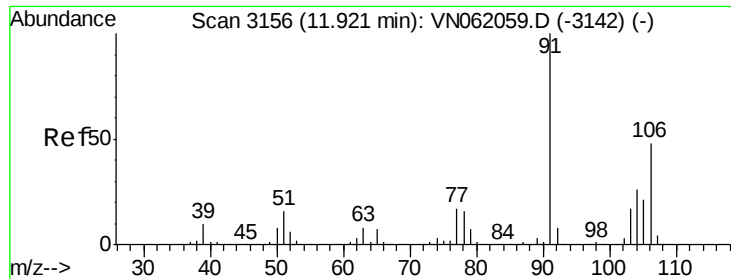
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#68
m/p-Xylenes
Concen: 97.456 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion: 106 Resp: 487722
Ion Ratio Lower Upper
106 100
91 202.3 157.8 236.8





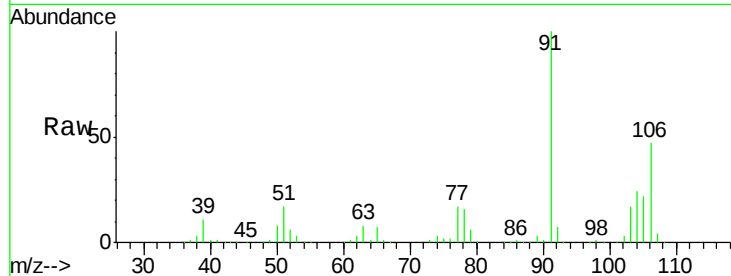
#69
o-Xylene
Concen: 49.533 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

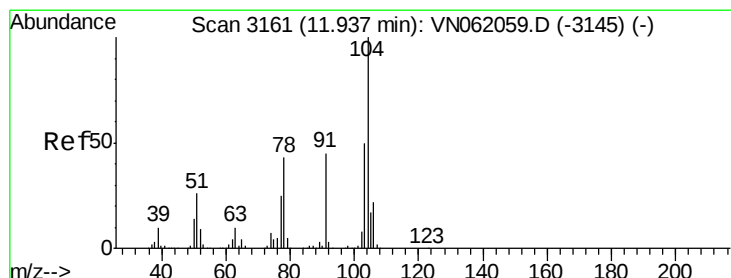
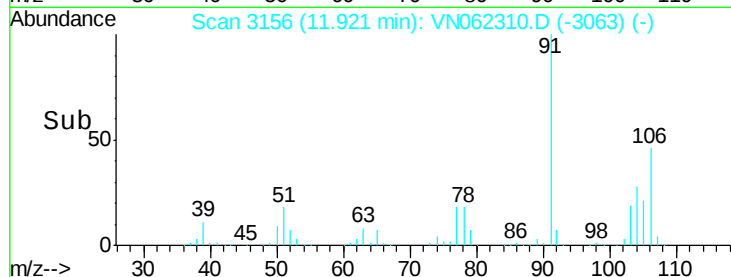
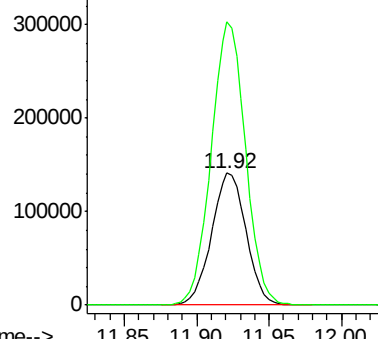
Tot Ion:106 Resp: 233886
Ion Ratio Lower Upper
106 100
91 212.6 104.0 311.9

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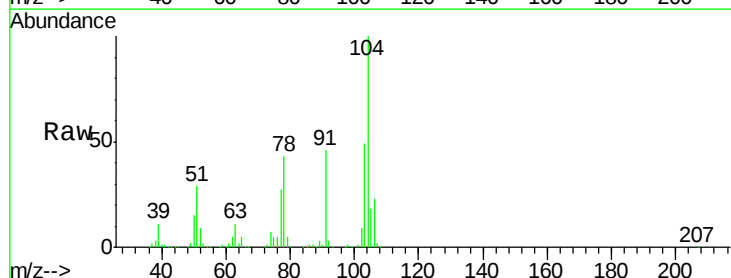


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

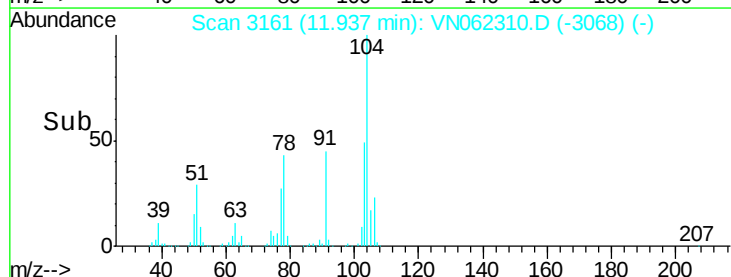
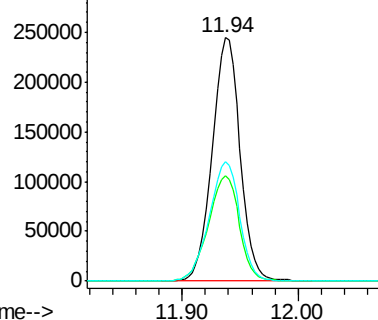


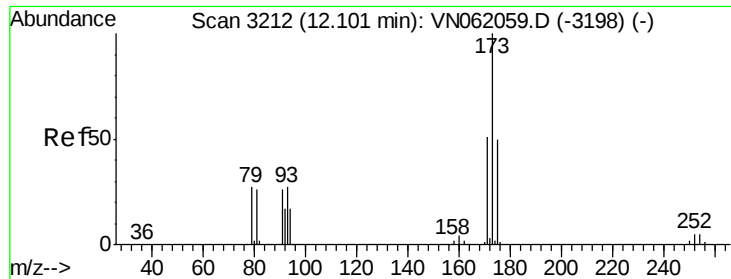
#70
Styrene
Concen: 51.888 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion:104 Resp: 408606
Ion Ratio Lower Upper
104 100
78 48.2 37.7 56.5
103 53.8 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 49.766 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

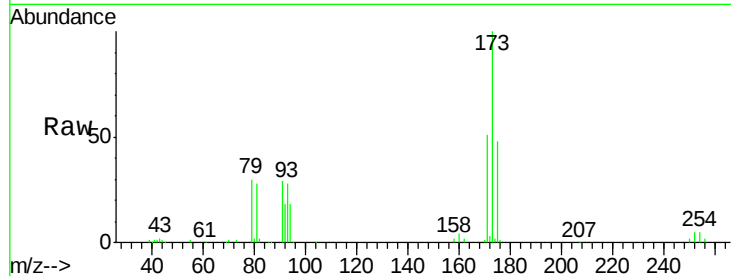
ClientSampleId :

VSTDCCC050

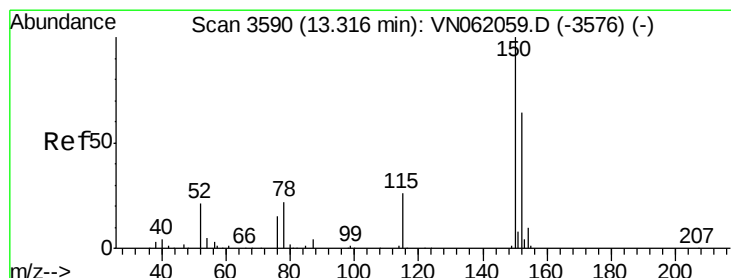
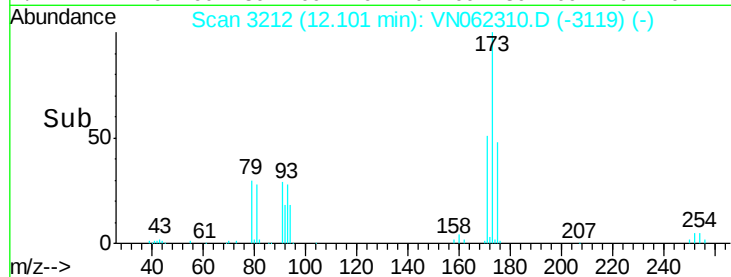
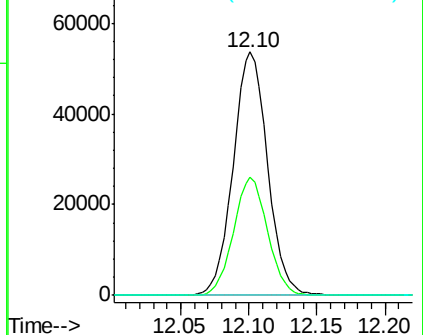
Tot Ion	Ion	Ratio	Lower	Upper
173	100			
175	47.9	24.7	74.1	
254	0.0	0.0	0.0	

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

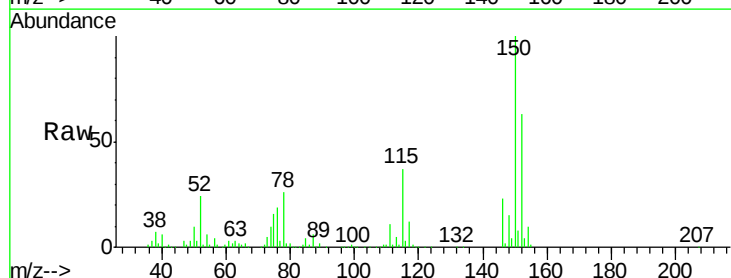
RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

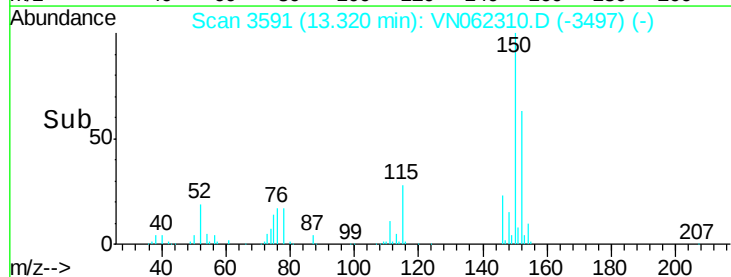
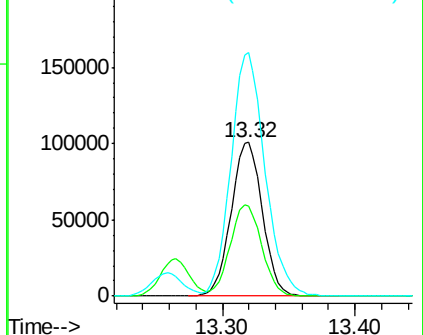
Lab File: VN062310.D

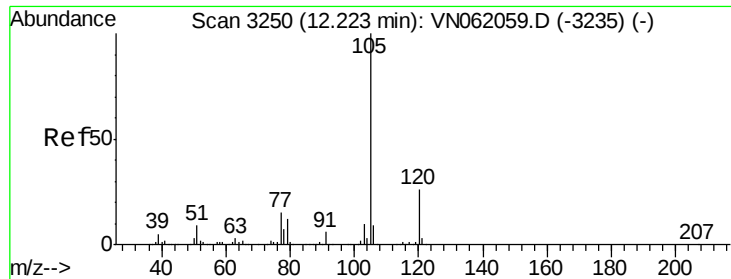
Acq: 1 Jul 2020 23:55

Tgt Ion	Ion	Ratio	Lower	Upper
152	100			
115	60.2	29.5	88.5	
150	173.2	0.0	351.4	



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





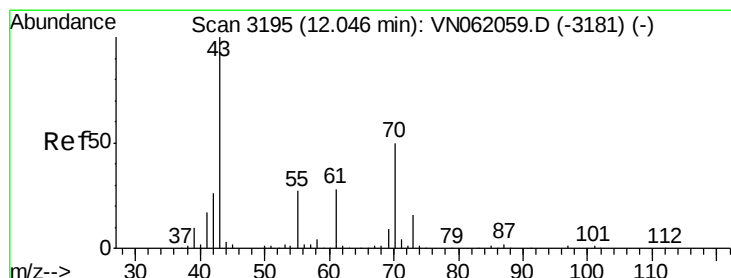
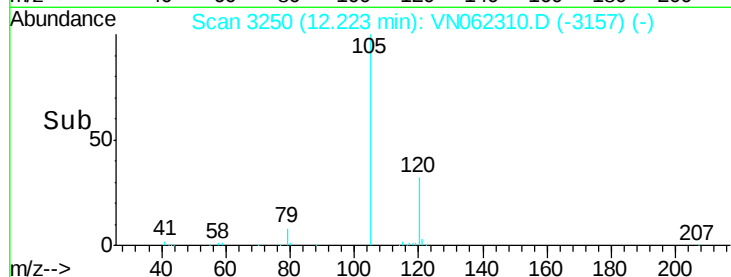
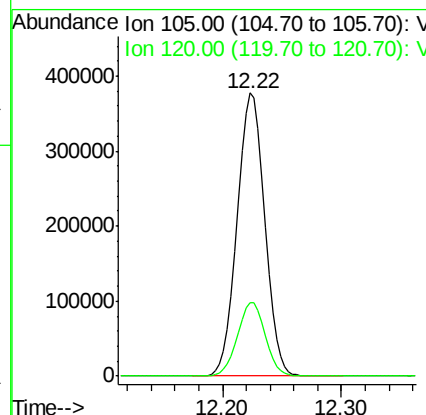
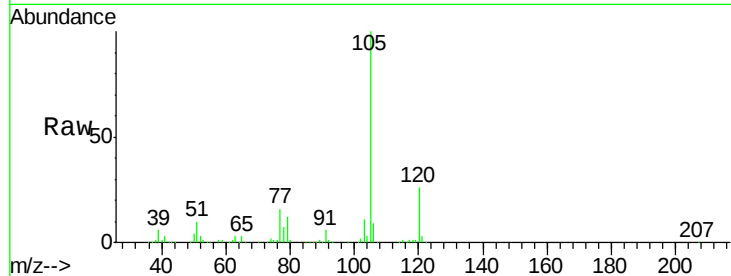
#73
Isopropylbenzene
Concen: 47.670 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.2	39.6

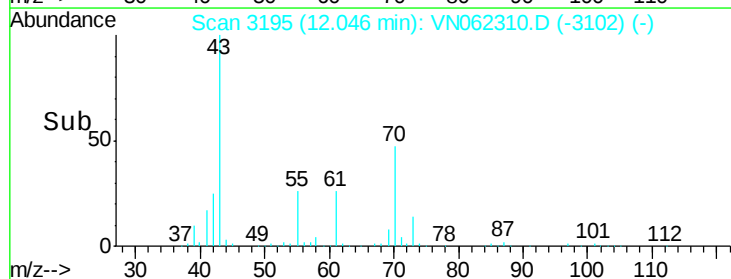
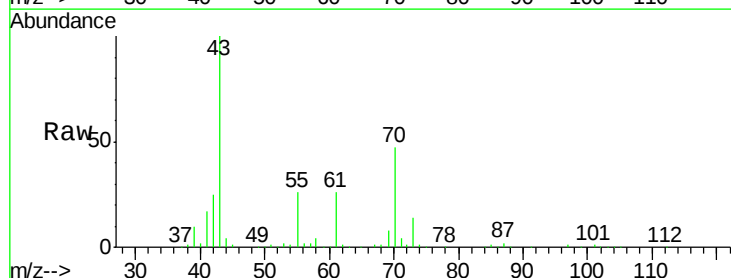
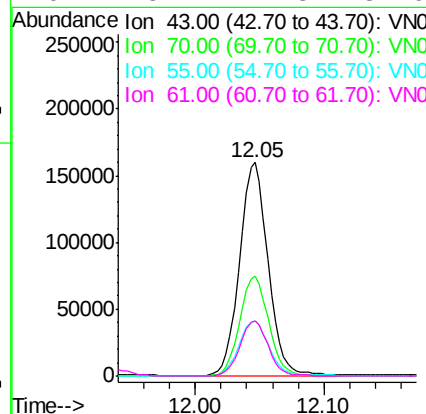
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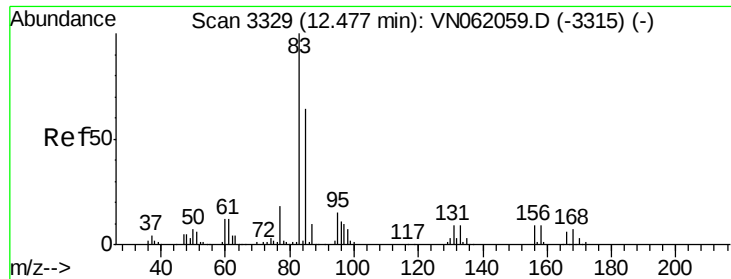
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#74
N-ethyl acetate
Concen: 52.536 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
43	100		
70	47.4	39.4	59.2
55	27.1	21.7	32.5
61	25.7	21.3	31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.765 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

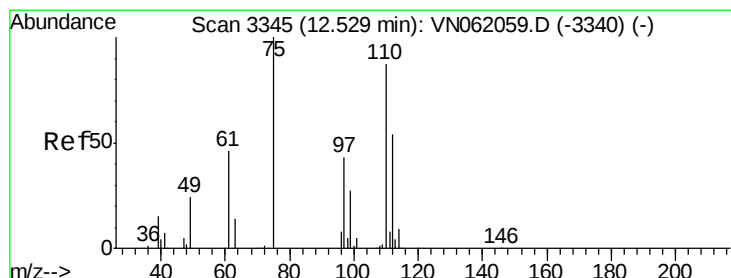
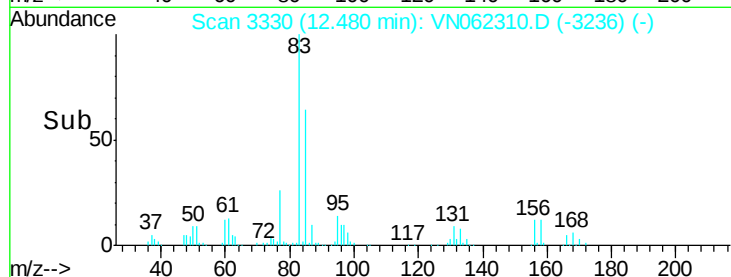
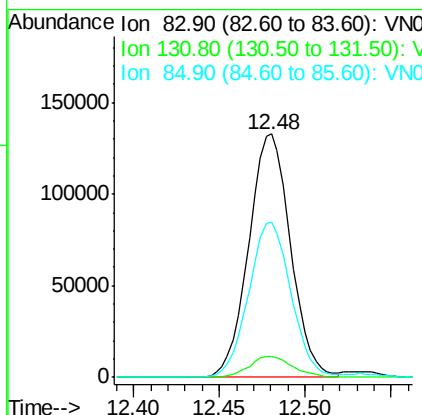
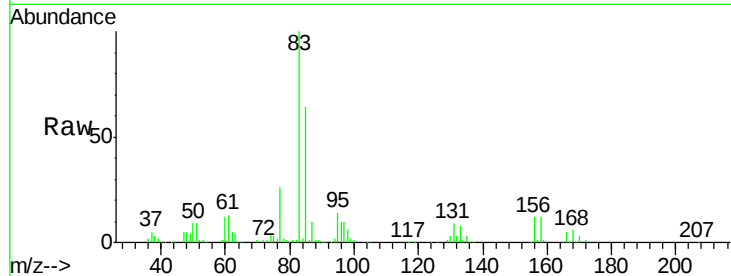
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	223810
Ion Ratio	Lower	Upper	
83	100		
131	8.9	4.8	14.4
85	64.3	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.070 ug/l m

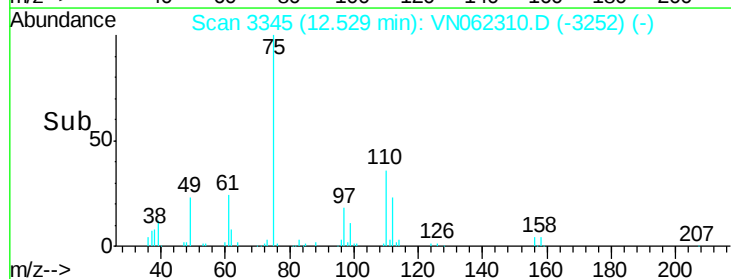
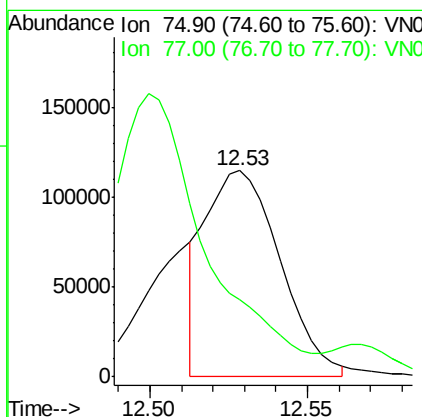
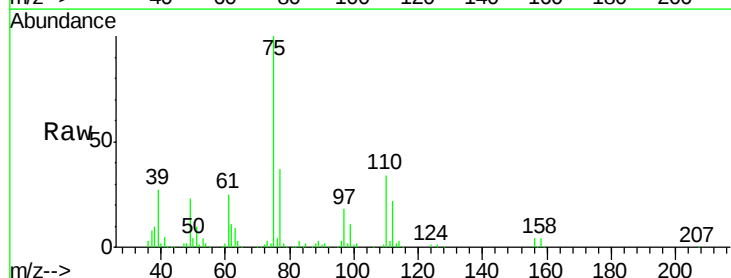
RT: 12.53 min Scan# 3345

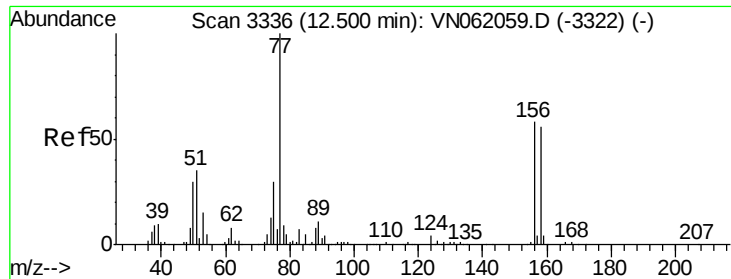
Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Tgt Ion:	75	Resp:	190212
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





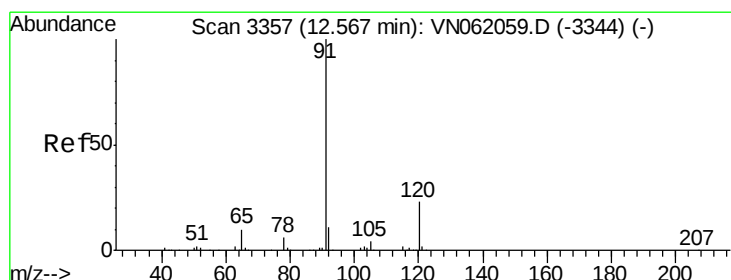
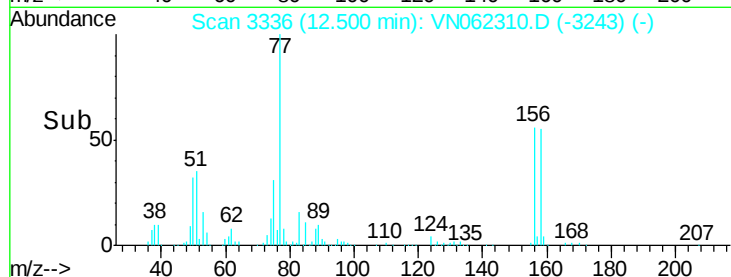
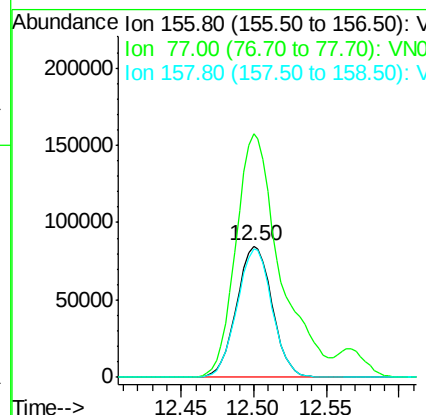
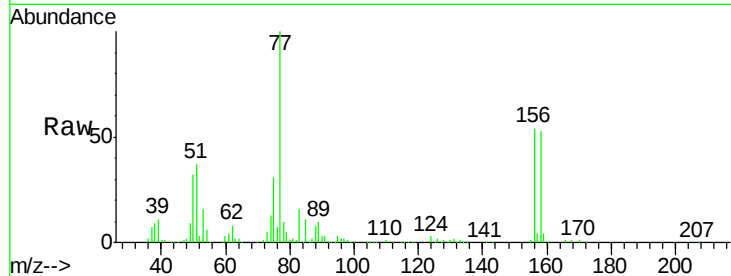
#77
Bromobenzene
Concen: 45.559 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	230.3	104.6	313.8
158	97.0	48.0	144.0

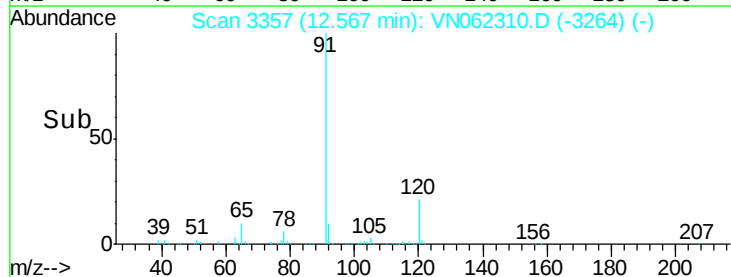
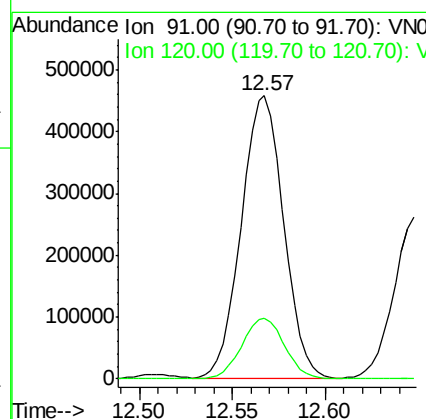
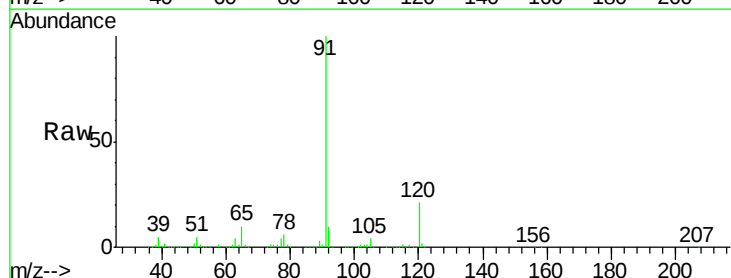
Manual Integrations
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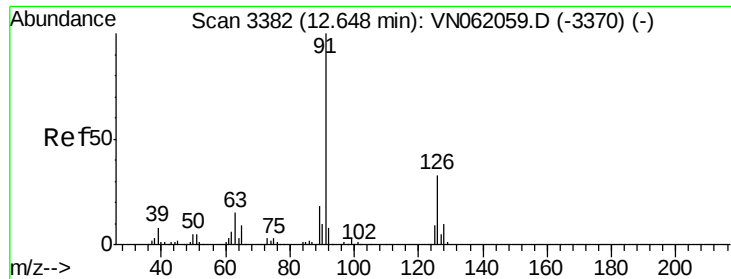
MMDadoda
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#78
n-propylbenzene
Concen: 49.475 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.4	34.1





#79

2-Chlorotoluene

Concen: 48.633 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 428663

Ion Ratio Lower Upper

91 100

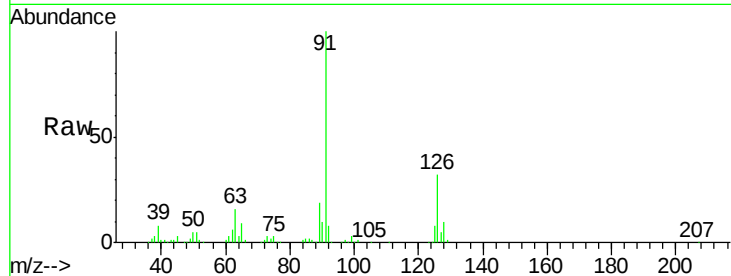
126 32.4 16.9 50.7

Manual Integrations

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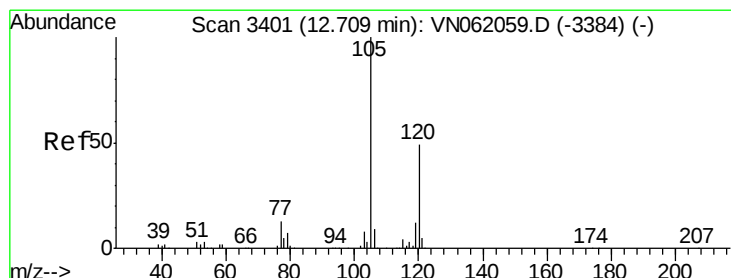
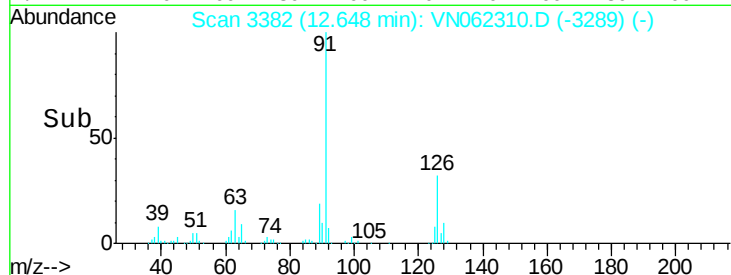
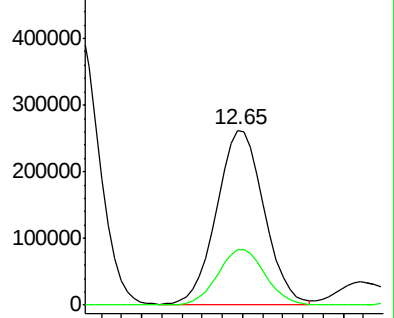
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Abundance Ion 91.00 (90.70 to 91.70): VN062310.D (-3289) (-)

Ion 125.90 (125.60 to 126.60): VN062310.D (-3289) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.907 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062310.D

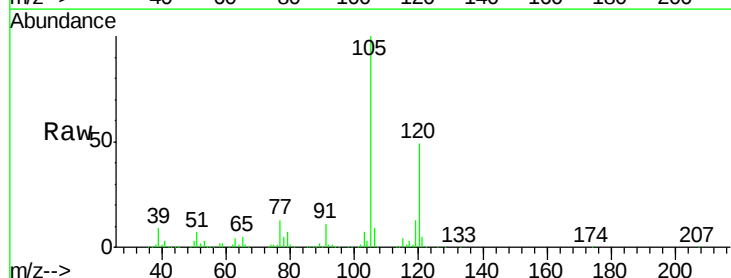
Acq: 1 Jul 2020 23:55

Tgt Ion: 105 Resp: 515680

Ion Ratio Lower Upper

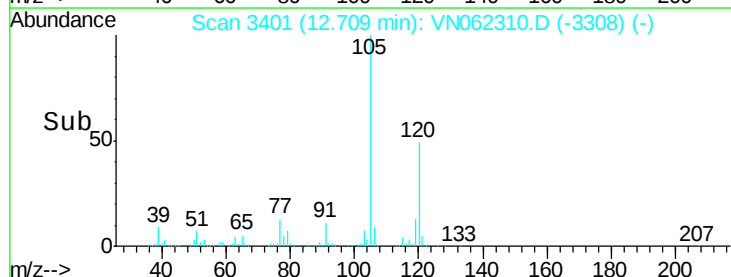
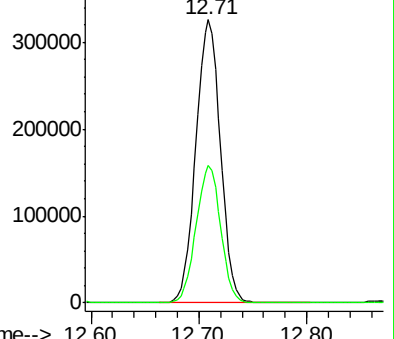
105 100

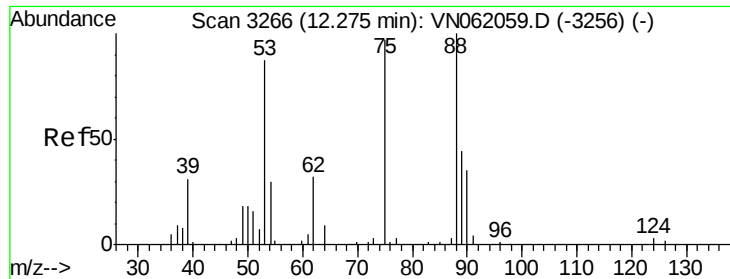
120 48.7 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN062310.D (-3308) (-)

Ion 120.00 (119.70 to 120.70): VN062310.D (-3308) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 51.594 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 68483

Ion Ratio Lower Upper

75 100

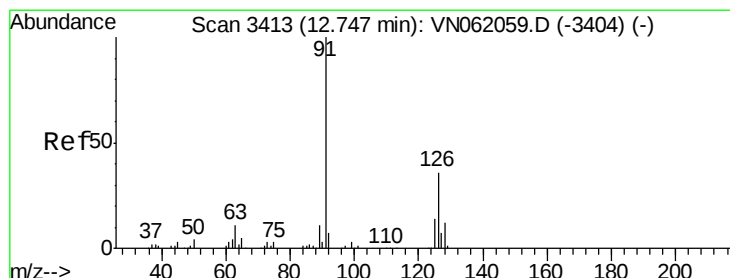
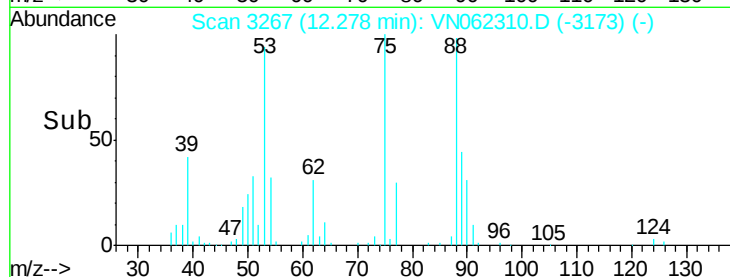
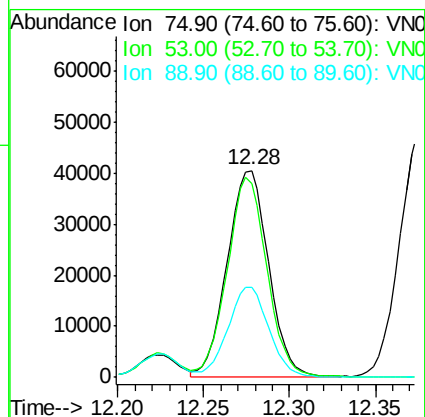
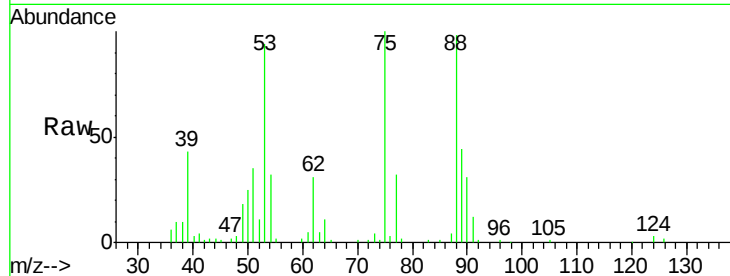
53 93.2 72.0 108.0

89 43.1 36.9 55.3

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#82

4-Chlorotoluene

Concen: 48.938 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062310.D

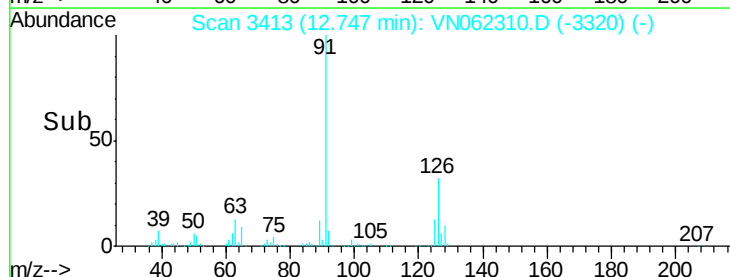
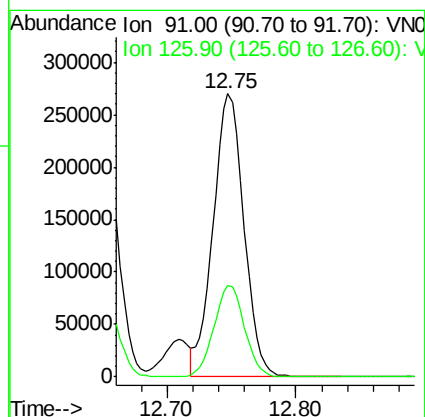
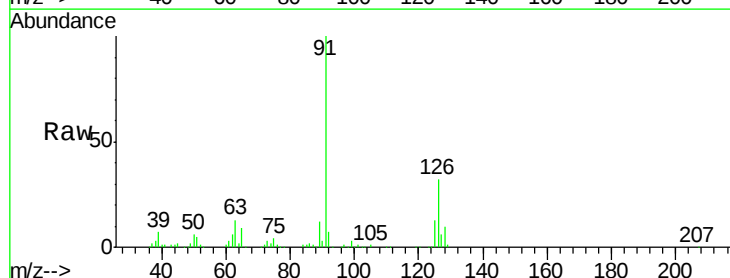
Acq: 1 Jul 2020 23:55

Tgt Ion: 91 Resp: 446056

Ion Ratio Lower Upper

91 100

126 32.4 16.7 50.1





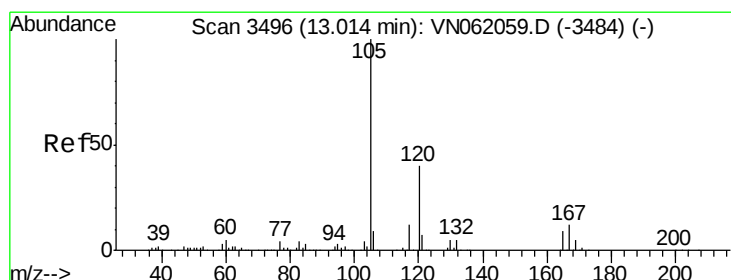
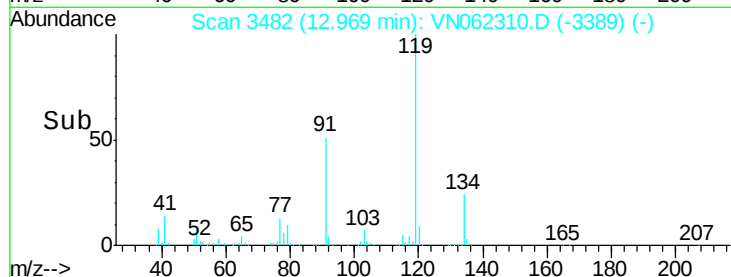
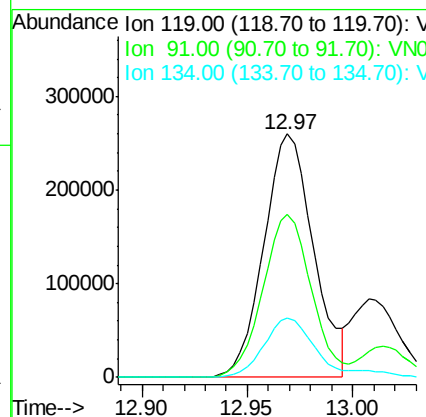
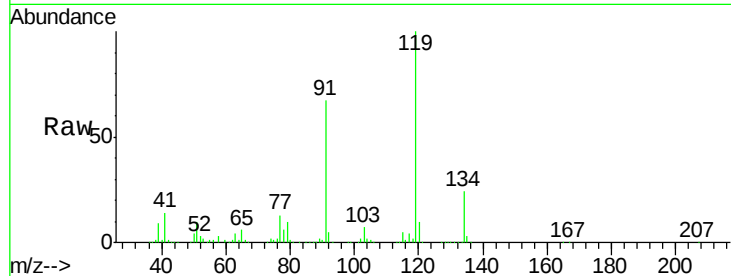
#83
tert-Butylbenzene
Concen: 48.194 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.5	31.7	95.1
134	26.2	13.1	39.1

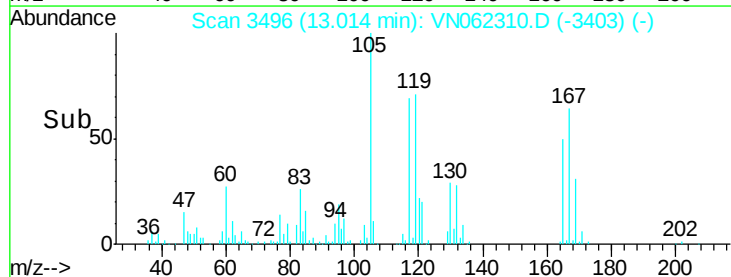
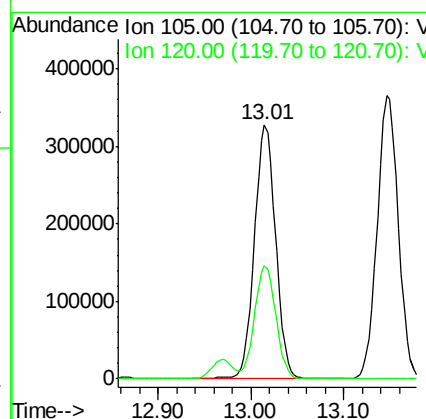
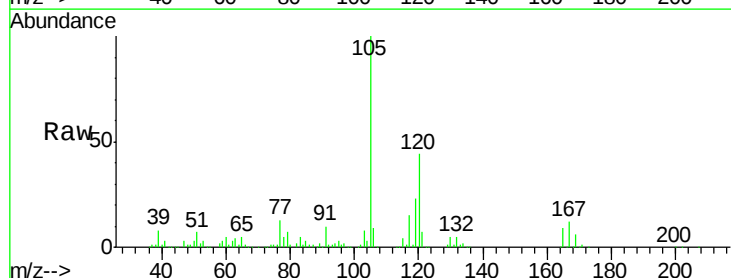
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#84
1,2,4-Trimethylbenzene
Concen: 50.448 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	23.2	69.5





#85

sec-Butylbenzene

Concen: 49.129 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 574065

Ion Ratio Lower Upper

105 100

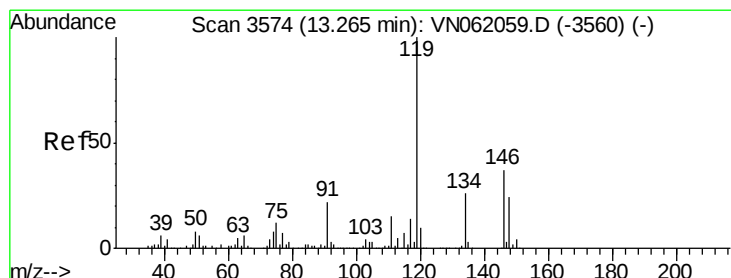
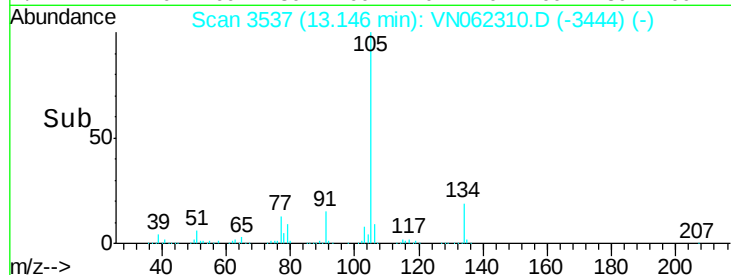
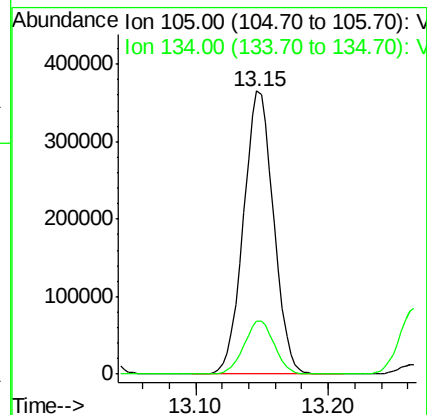
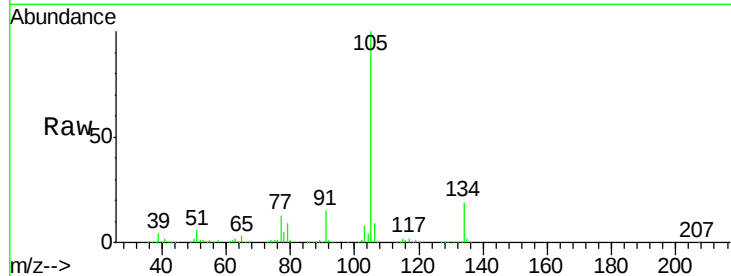
134 18.9 9.7 29.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 48.992 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062310.D

Acq: 1 Jul 2020 23:55

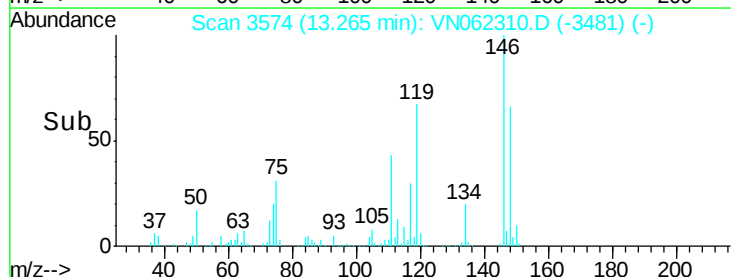
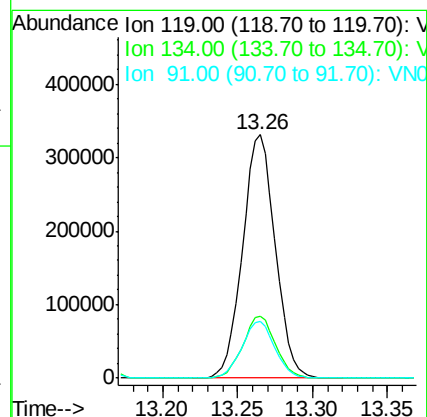
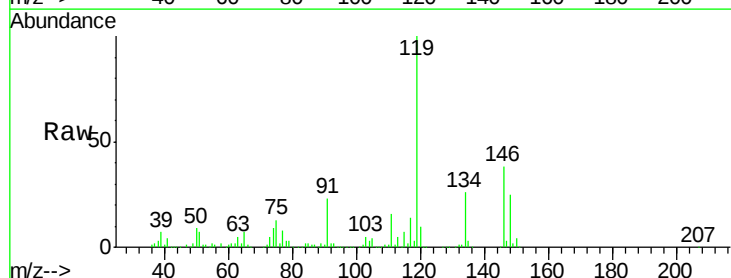
Tgt Ion:119 Resp: 501544

Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 23.4 11.3 33.8





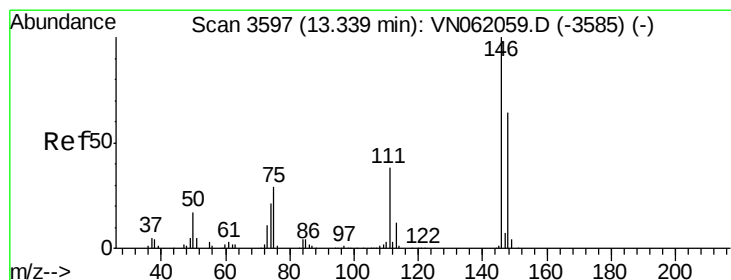
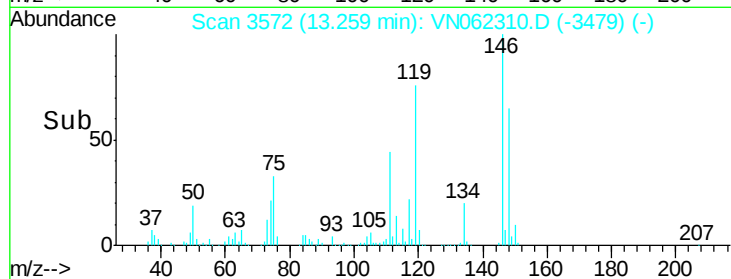
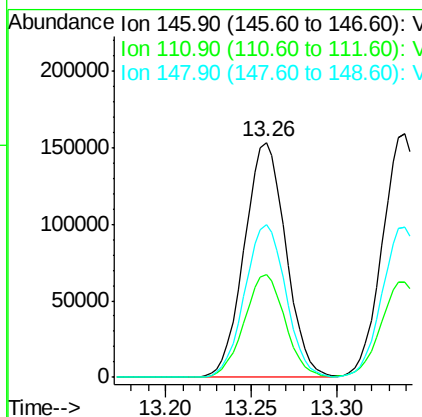
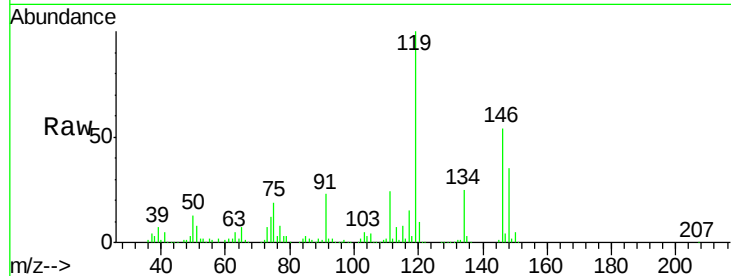
#87
 1,3-Dichlorobenzene
 Concen: 46.147 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.3	61.0
148	64.3	31.8	95.3

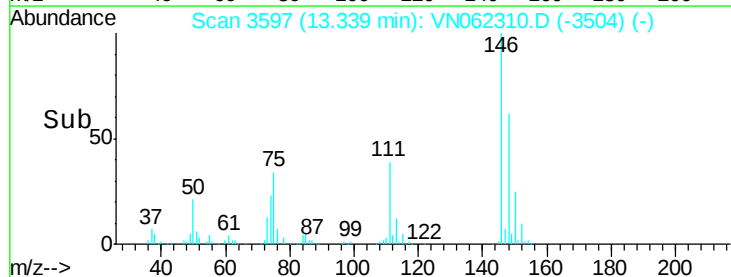
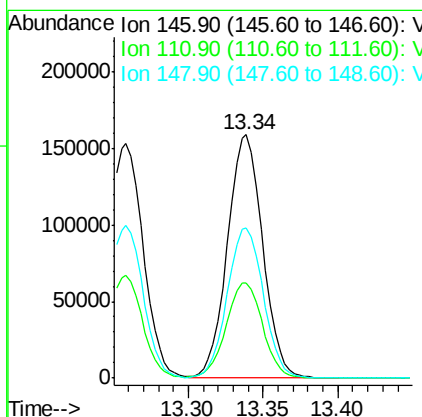
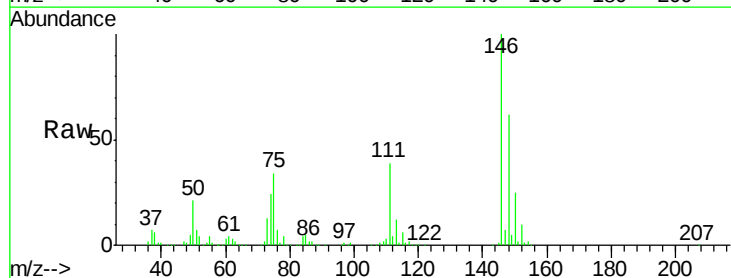
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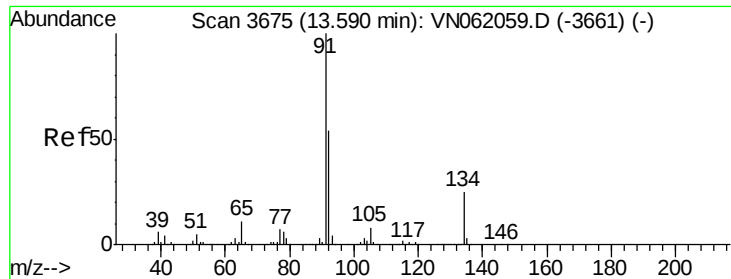
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#88
 1,4-Dichlorobenzene
 Concen: 45.387 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.9	59.6
148	63.7	31.9	95.9





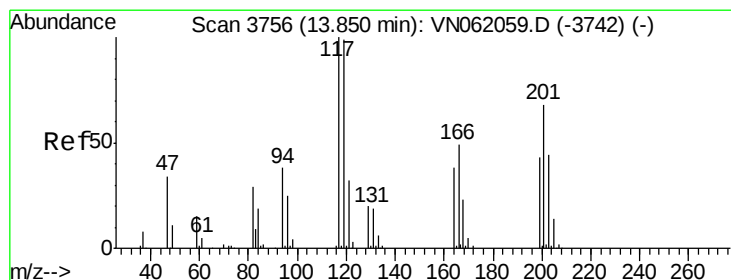
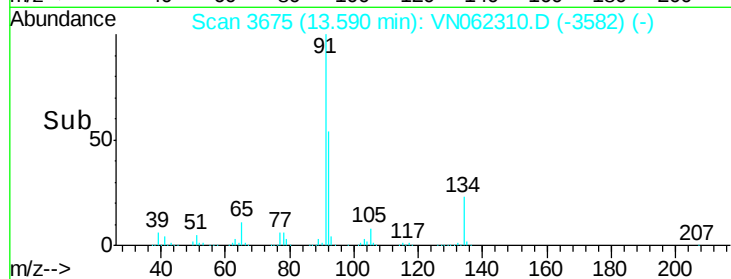
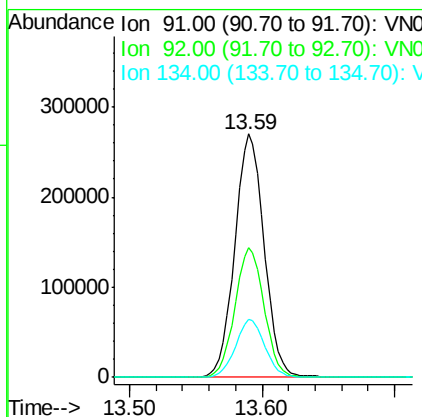
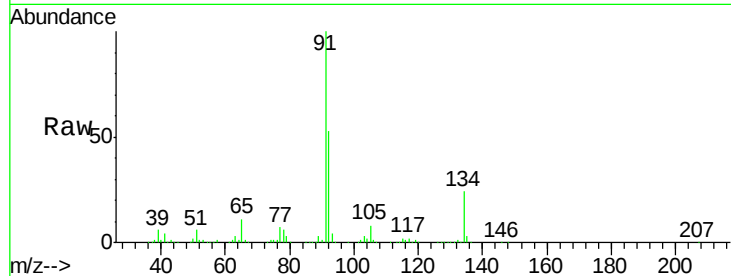
#89
n-Butylbenzene
Concen: 48.758 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	23.6	12.3	36.9

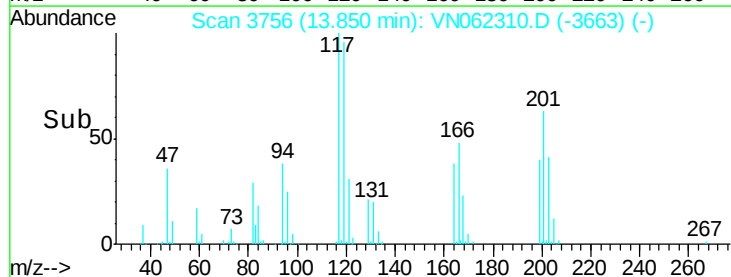
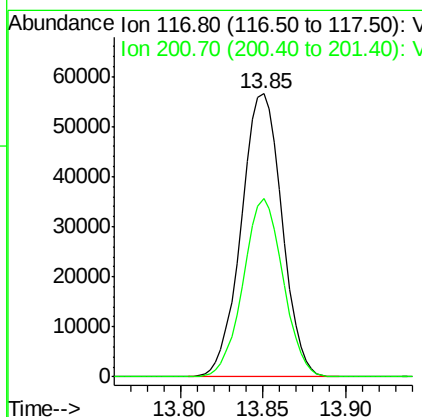
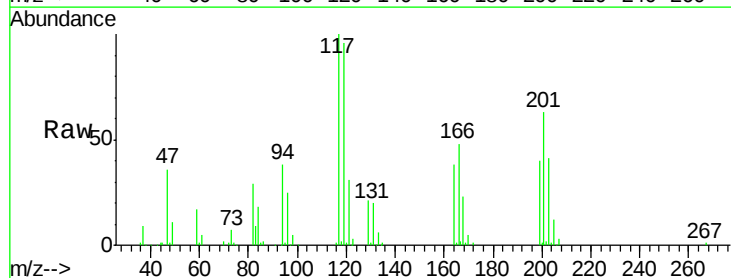
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#90
Hexachloroethane
Concen: 48.187 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	61.5	32.7	98.1





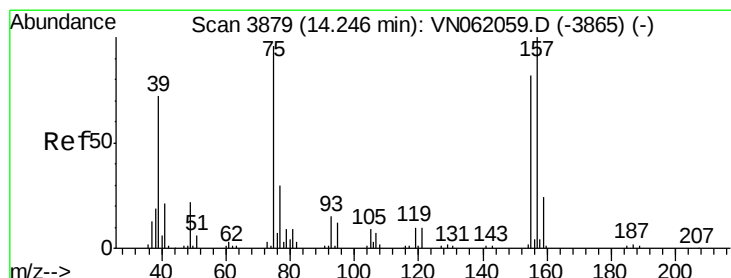
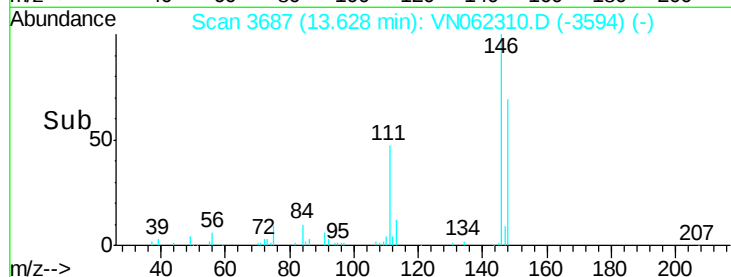
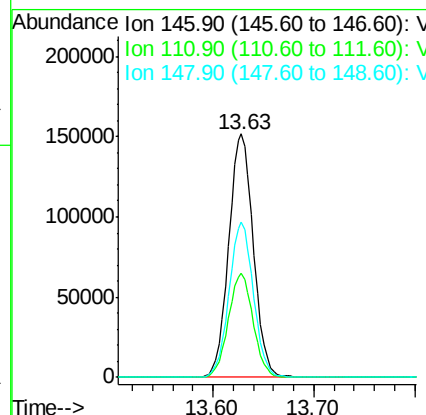
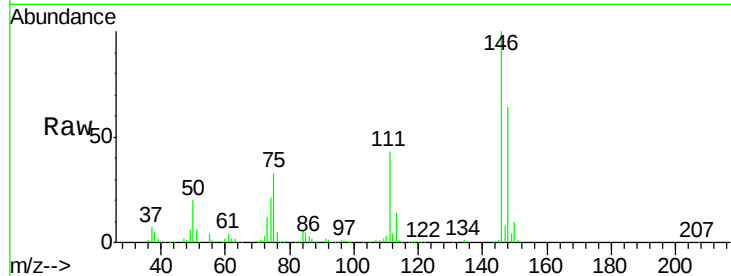
#91
 1,2-Dichlorobenzene
 Concen: 48.013 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.2	63.6
148	63.1	31.9	95.5

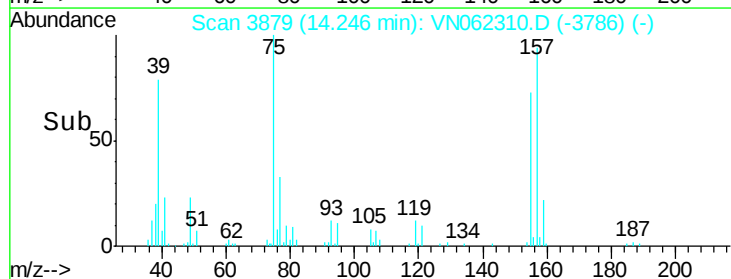
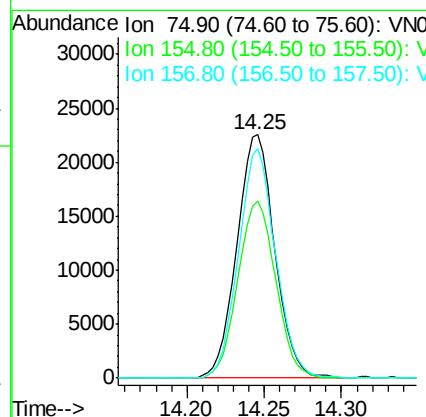
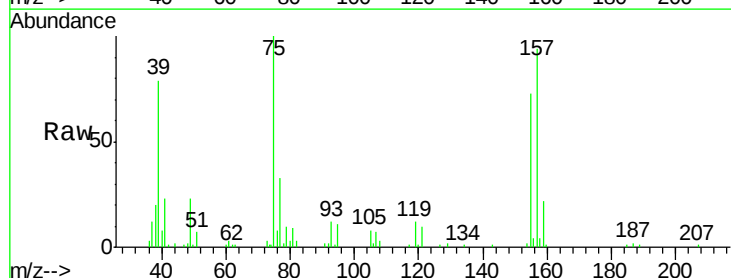
Manual Integrations
 APPROVED

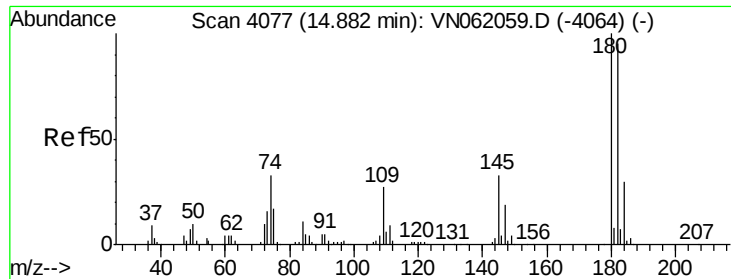
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.264 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.9	40.8	122.4
157	92.5	51.4	154.3





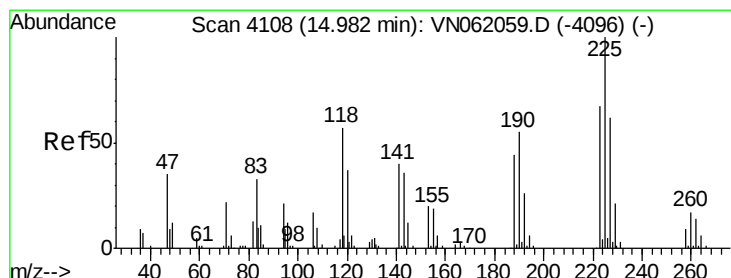
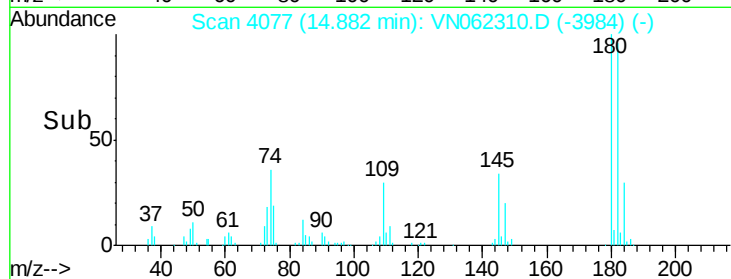
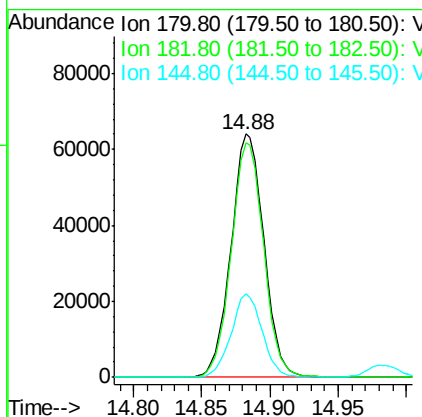
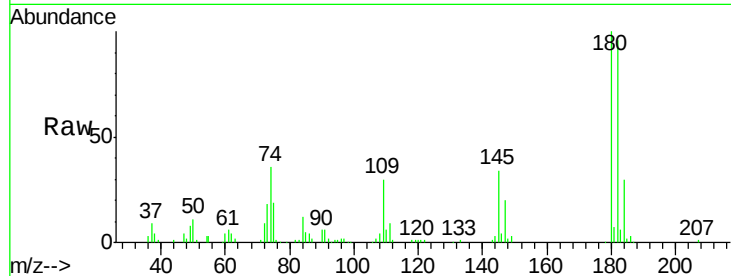
#93
 1,2,4-Trichlorobenzene
 Concen: 45.518 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107149		
182	95.0	48.0	144.2	
145	32.6	16.0	48.0	

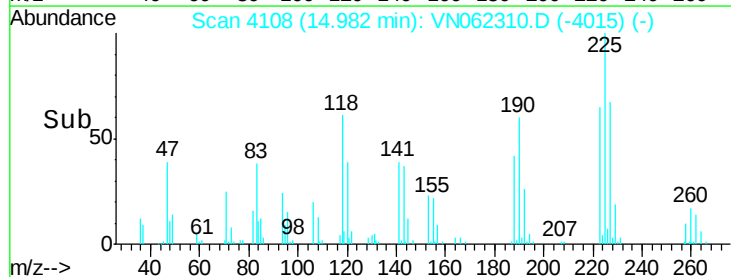
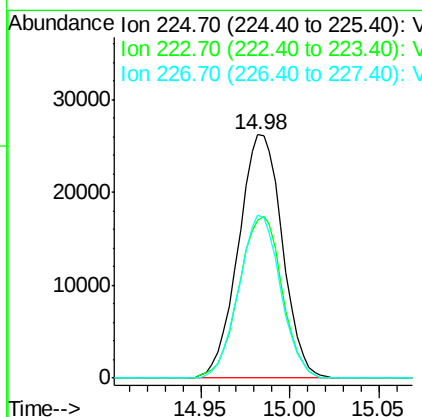
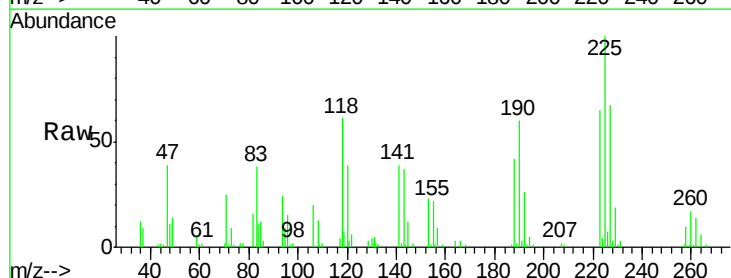
Manual Integrations
 APPROVED

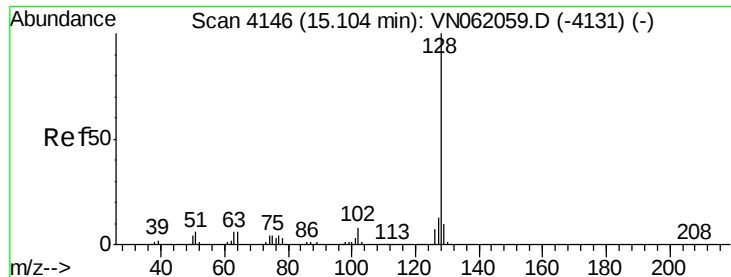
MMDadoda
 7/2/2020 12:31:06 PM



#94
 Hexachlorobutadiene
 Concen: 43.958 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062310.D
 Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44943		
223	65.2	32.9	98.7	
227	63.6	31.3	93.8	





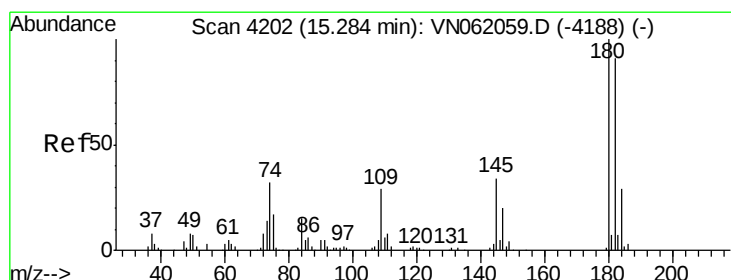
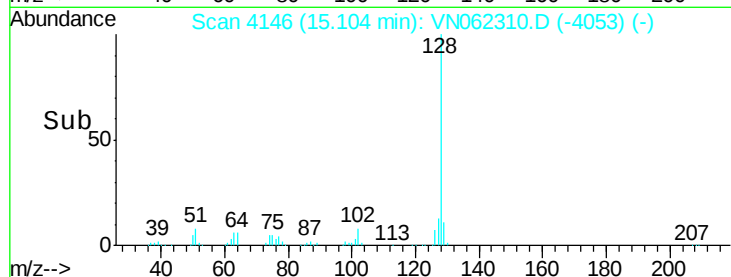
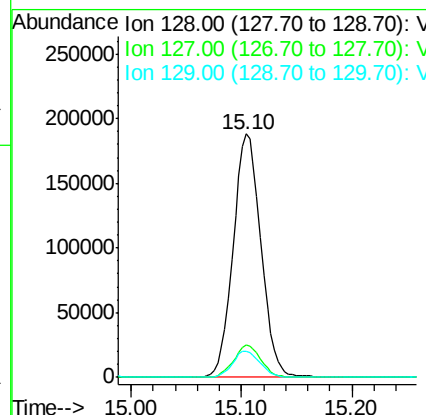
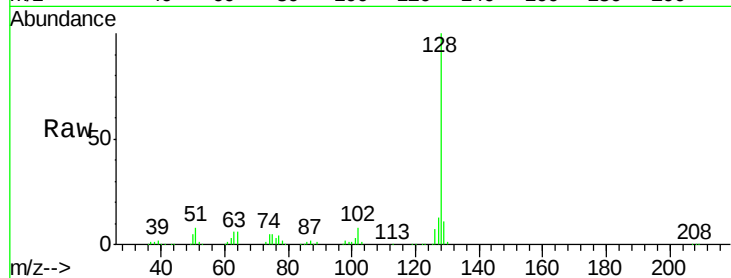
#95
Naphthalene
Concen: 42.501 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/2/2020 12:31:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 45.893 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062310.D
Acq: 1 Jul 2020 23:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	46.8	140.4
145	33.8	16.4	49.2

