

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061820\
 Data File : VN061917.D
 Acq On : 18 Jun 2020 22:52
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 1:02:27 PM

Quant Time: Jun 19 06:44:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	154607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	264448	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	248608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	122858	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	103658	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	7.55	113	88487	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	10.06	98	334210	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	12.38	95	116855	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	98354	48.898	ug/l	98
3) Chloromethane	2.03	50	109907	51.214	ug/l	98
4) Vinyl Chloride	2.16	62	134376	52.525	ug/l	100
5) Bromomethane	2.52	94	96949	49.348	ug/l	100
6) Chloroethane	2.66	64	91729	52.978	ug/l	97
7) Trichlorofluoromethane	2.98	101	157003	51.377	ug/l	98
8) Diethyl Ether	3.37	74	54429	52.980	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	75913	48.421	ug/l	99
10) Methyl Iodide	3.91	142	105003	54.911	ug/l	99
11) Tert butyl alcohol	4.74	59	70952	247.279	ug/l	97
12) 1,1-Dichloroethene	3.69	96	80034	50.949	ug/l	98
13) Acrolein	3.56	56	43829	255.575	ug/l	100
14) Allyl chloride	4.27	41	107162	51.399	ug/l	98
15) Acrylonitrile	4.93	53	196501	276.385	ug/l	99
16) Acetone	3.77	43	150399	245.559	ug/l	100
17) Carbon Disulfide	4.01	76	223015	48.520	ug/l	100
18) Methyl Acetate	4.28	43	91354	51.808	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	279960	53.526	ug/l	100
20) Methylene Chloride	4.50	84	99967	50.098	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	90807	50.327	ug/l	97
22) Diisopropyl ether	5.90	45	248871	52.193	ug/l	98
23) Vinyl Acetate	5.84	43	992184	264.564	ug/l	100
24) 1,1-Dichloroethane	5.80	63	161222	51.651	ug/l	99
25) 2-Butanone	6.78	43	237188	265.428	ug/l	97
26) 2,2-Dichloropropane	6.78	77	115068	43.817	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	107149	51.466	ug/l	99
28) Bromochloromethane	7.15	49	71055	51.126	ug/l	97
29) Tetrahydrofuran	7.17	42	159206	270.718	ug/l	100
30) Chloroform	7.33	83	172867	51.820	ug/l	100
31) Cyclohexane	7.61	56	119685	43.801	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	145007	51.041	ug/l	99
36) 1,1-Dichloropropene	7.75	75	120118	49.799	ug/l	100
37) Ethyl Acetate	6.88	43	102813	54.584	ug/l	99
38) Carbon Tetrachloride	7.73	117	119675	50.102	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	124684	48.006	ug/l	98
40) Benzene	8.00	78	380151	52.028	ug/l	98
41) Methacrylonitrile	7.13	41	37225m	46.217	ug/l	
42) 1,2-Dichloroethane	8.09	62	132697	53.263	ug/l	100
43) Isopropyl Acetate	8.13	43	171670	54.081	ug/l #	91
44) Trichloroethene	8.80	130	97163	50.529	ug/l	99
45) 1,2-Dichloropropane	9.09	63	96107	53.523	ug/l	99
46) Dibromomethane	9.18	93	68173	53.915	ug/l	99
47) Bromodichloromethane	9.37	83	138072	53.327	ug/l	98
48) Methyl methacrylate	9.17	41	79747	55.244	ug/l	98
49) 1,4-Dioxane	9.17	88	35849	1081.674	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	523308	278.979	ug/l	99
52) Toluene	10.12	92	244782	53.343	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	146564	53.323	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	157448	52.739	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	99977	55.375	ug/l	97
56) Ethyl methacrylate	10.40	69	137168	49.753	ug/l	100
57) 1,3-Dichloropropane	10.68	76	167280	54.690	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	235434	247.081	ug/l	100
59) 2-Hexanone	10.72	43	381073	254.057	ug/l	99
60) Dibromochloromethane	10.87	129	110083	54.642	ug/l	100
61) 1,2-Dibromoethane	10.98	107	103574	54.939	ug/l	99
64) Tetrachloroethene	10.60	164	79491	50.166	ug/l	99
65) Chlorobenzene	11.41	112	262787	50.094	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	98159	53.652	ug/l	98
67) Ethyl Benzene	11.48	91	452781	51.479	ug/l	99
68) m/p-Xylenes	11.60	106	357488	105.407	ug/l	100
69) o-Xylene	11.92	106	173978	53.763	ug/l	100
70) Styrene	11.94	104	299457	55.267	ug/l	99
71) Bromoform	12.10	173	75191	56.364	ug/l #	99
73) Isopropylbenzene	12.22	105	440465	50.452	ug/l	99
74) N-amyl acetate	12.05	43	153604	48.670	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	147817	52.076	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	130166m	53.966	ug/l	
77) Bromobenzene	12.50	156	114361	51.922	ug/l	99
78) n-propylbenzene	12.57	91	497369	49.928	ug/l	100
79) 2-Chlorotoluene	12.65	91	301425	50.380	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	373037	51.647	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	45245	51.162	ug/l	99
82) 4-Chlorotoluene	12.75	91	314873	50.932	ug/l	99
83) tert-Butylbenzene	12.97	119	304462	49.722	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	381942	53.569	ug/l	99
85) sec-Butylbenzene	13.15	105	410011	51.157	ug/l	100
86) p-Isopropyltoluene	13.26	119	376650	52.739	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	203413	50.636	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	205532	49.983	ug/l	99
89) n-Butylbenzene	13.59	91	298495	50.046	ug/l	99
90) Hexachloroethane	13.85	117	69747	53.351	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	199667	51.629	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25250	54.795	ug/l	98

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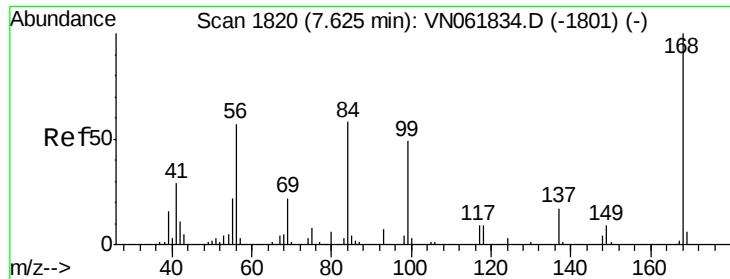
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	92269	50.561	ug/l	99
94) Hexachlorobutadiene	14.99	225	34169	47.539	ug/l	94
95) Naphthalene	15.10	128	275448	45.415	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	93633	51.807	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 154607

Ion Ratio Lower Upper

168 100

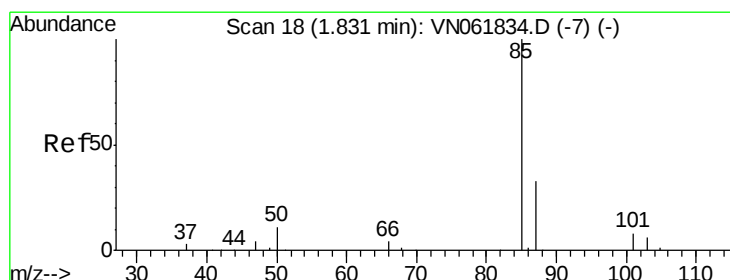
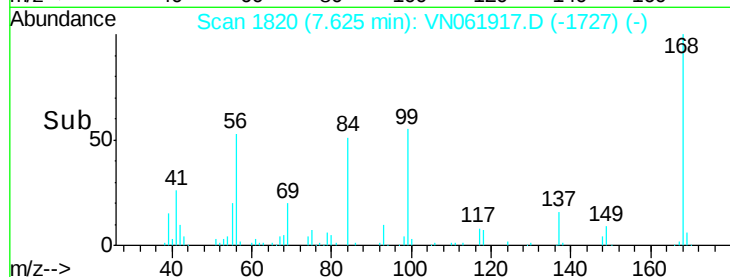
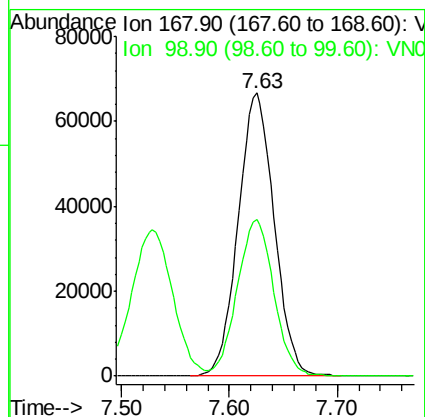
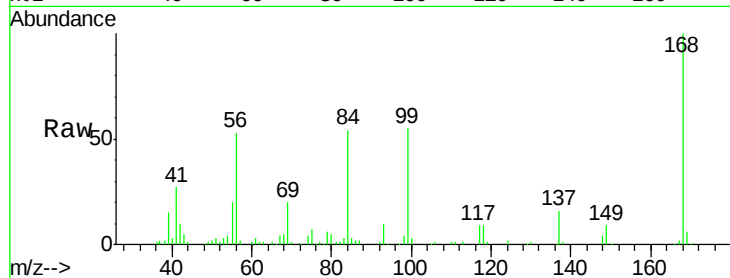
99 55.2 44.6 67.0

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 48.898 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061917.D

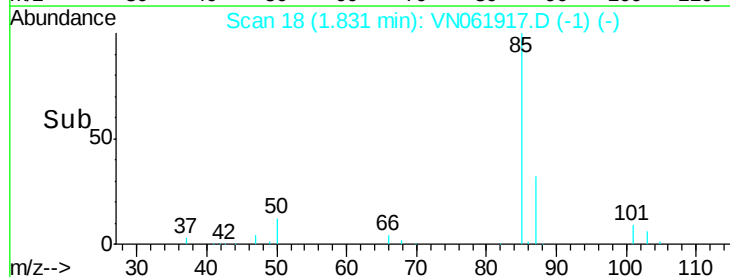
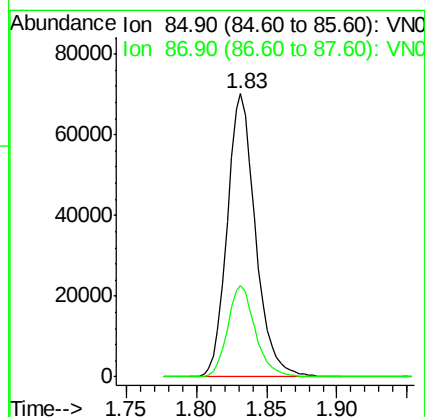
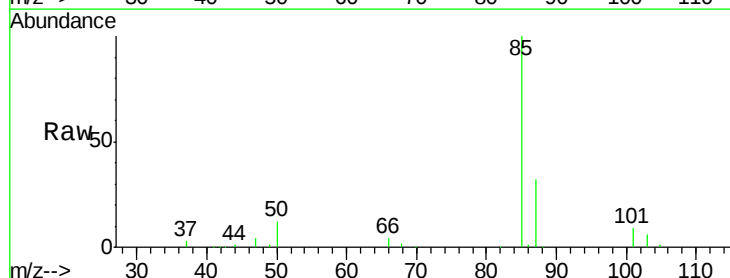
Acq: 18 Jun 2020 22:52

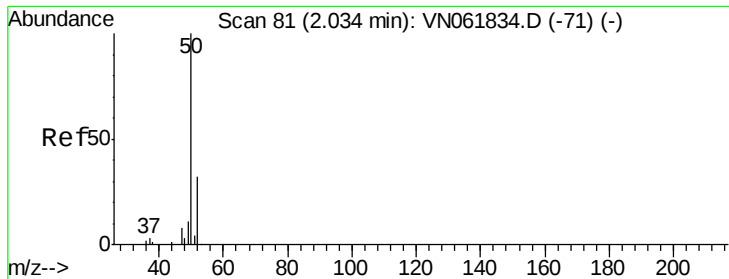
Tgt Ion: 85 Resp: 98354

Ion Ratio Lower Upper

85 100

87 32.3 16.6 49.8





#3

Chloromethane

Concen: 51.214 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 109907

Ion Ratio Lower Upper

50 100

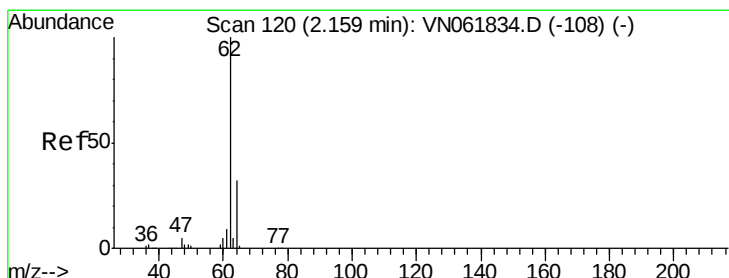
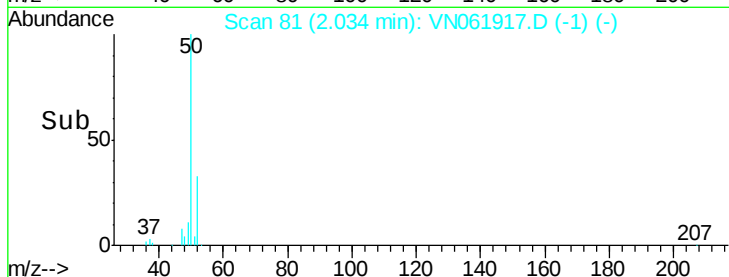
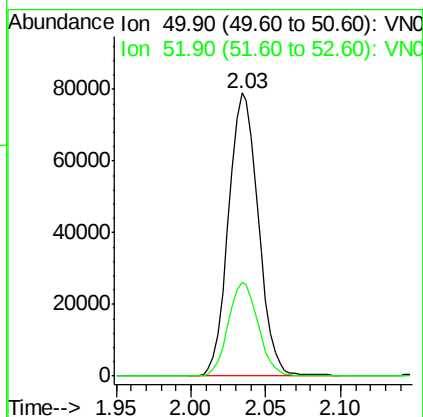
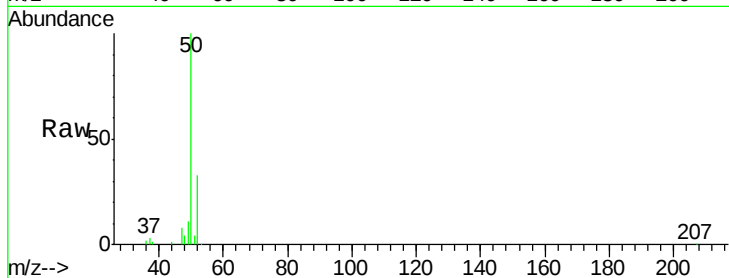
52 33.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 52.525 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061917.D

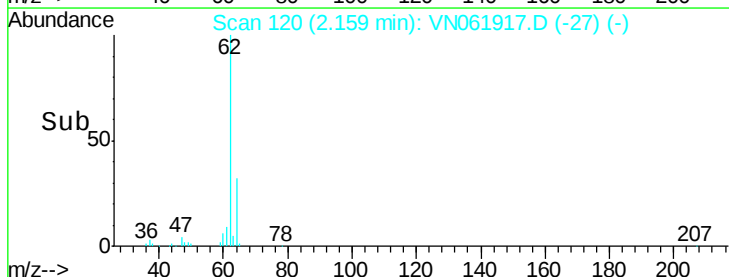
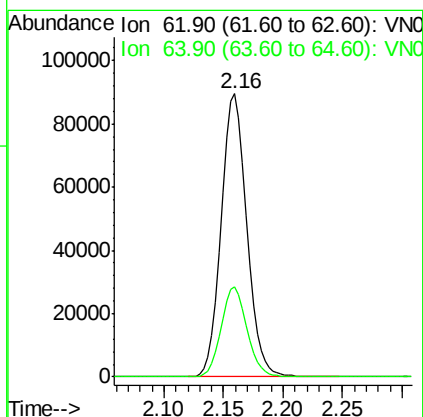
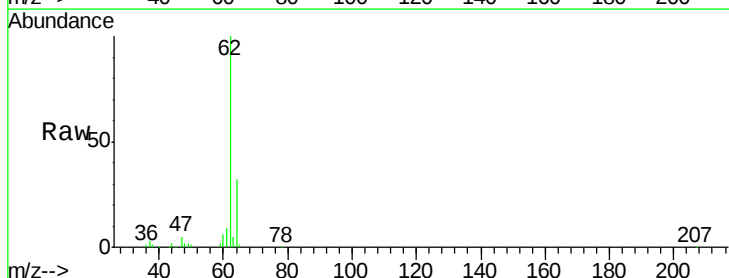
Acq: 18 Jun 2020 22:52

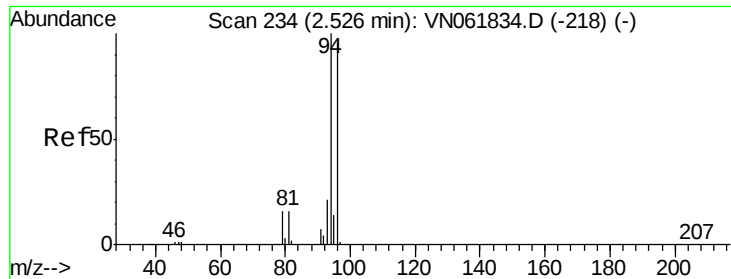
Tgt Ion: 62 Resp: 134376

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 49.348 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.01 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 96949

Ion Ratio Lower Upper

94 100

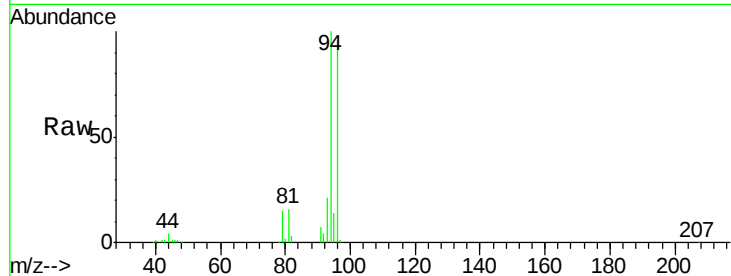
96 95.6 76.7 115.1

Manual Integrations

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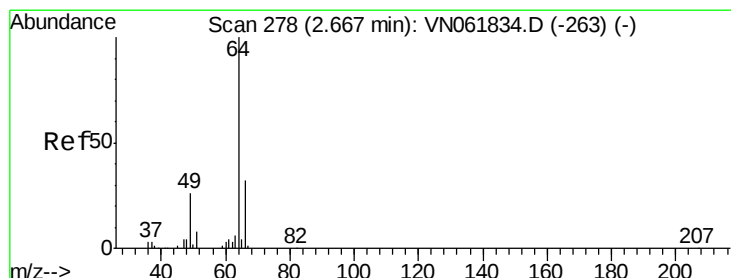
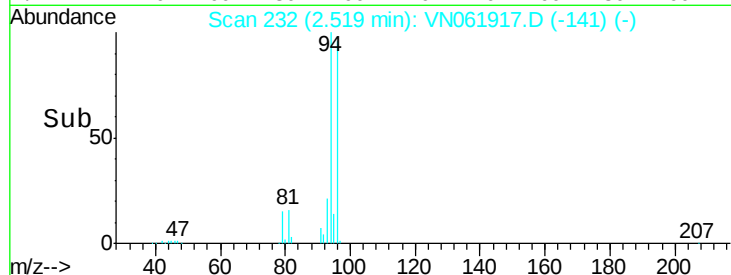
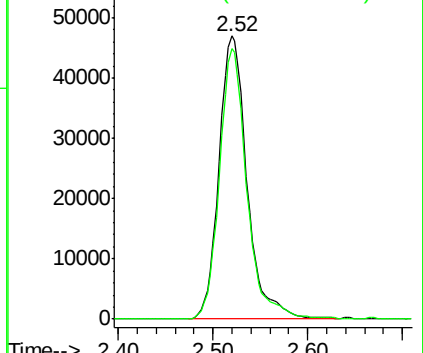
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 52.978 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN061917.D

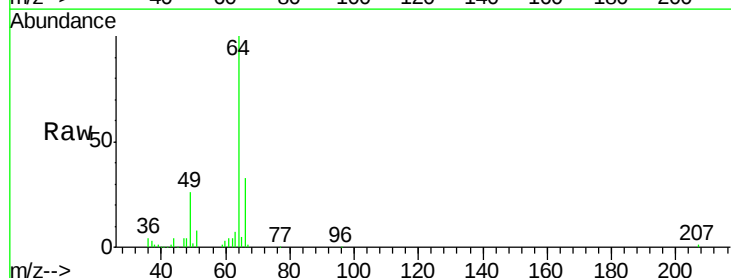
Acq: 18 Jun 2020 22:52

Tgt Ion: 64 Resp: 91729

Ion Ratio Lower Upper

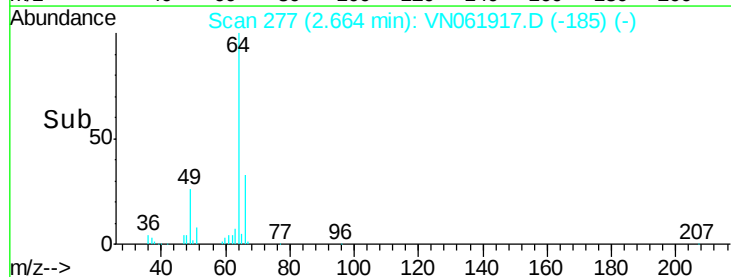
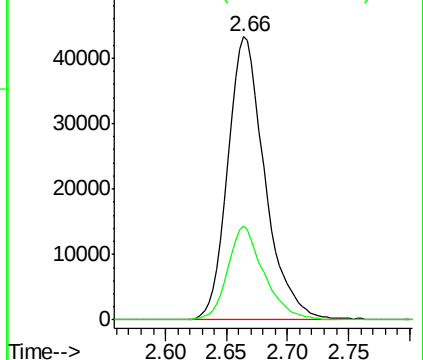
64 100

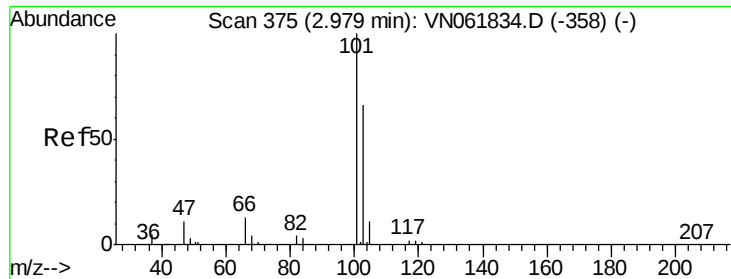
66 33.3 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

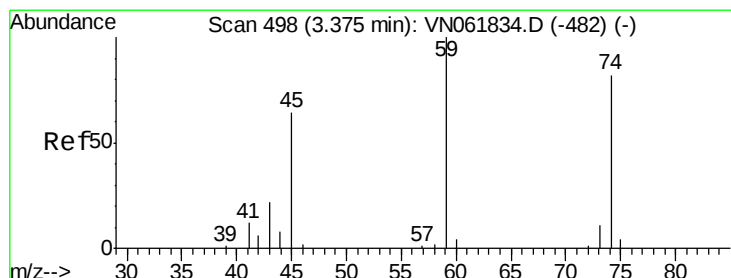
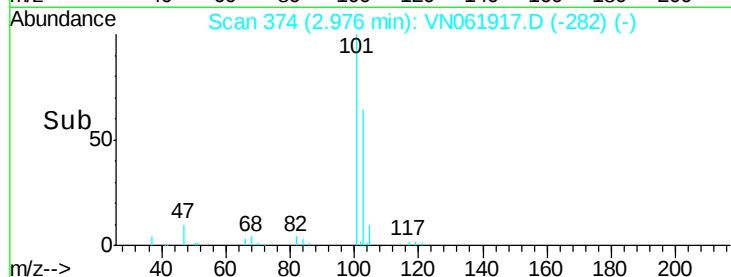
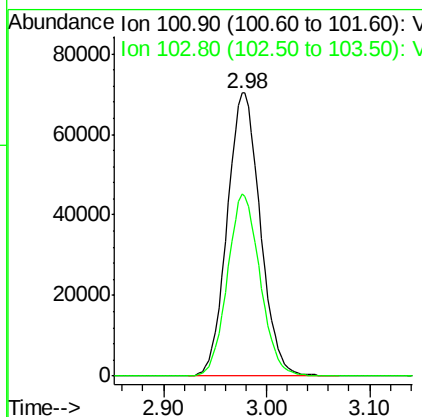
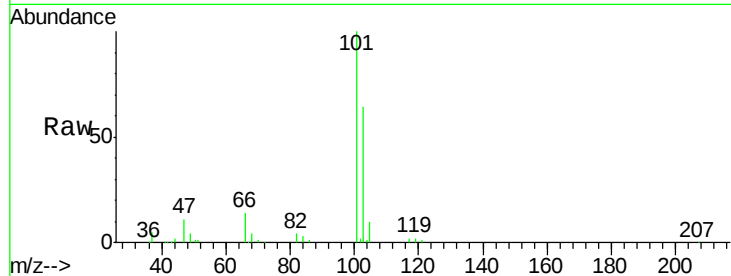
Trichlorofluoromethane
Concen: 51.377 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.8	79.2

Manual Integrations
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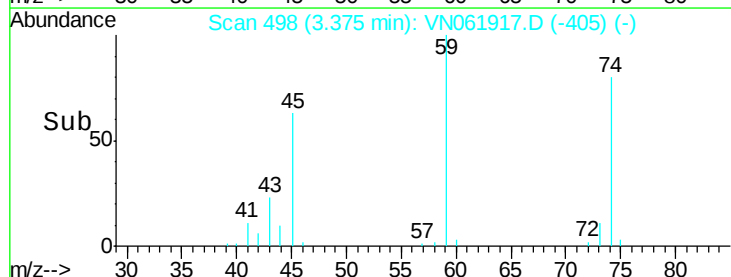
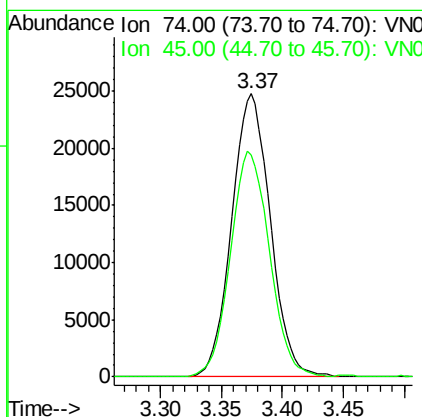
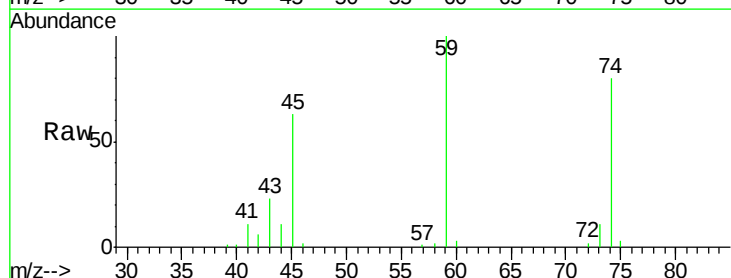
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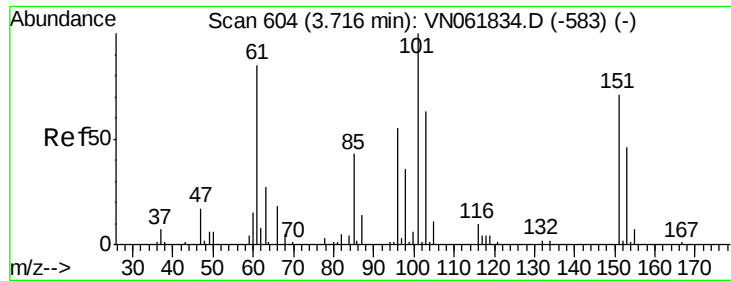


#8

Diethyl Ether
Concen: 52.980 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	80.6	39.1	117.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.421 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

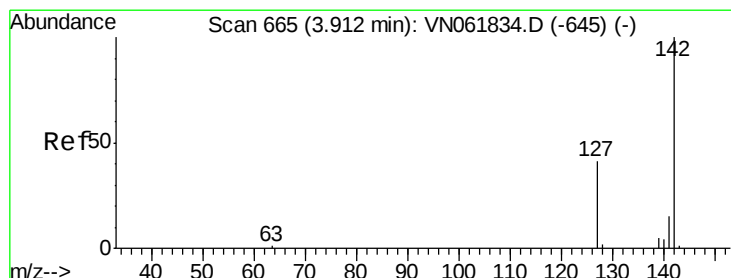
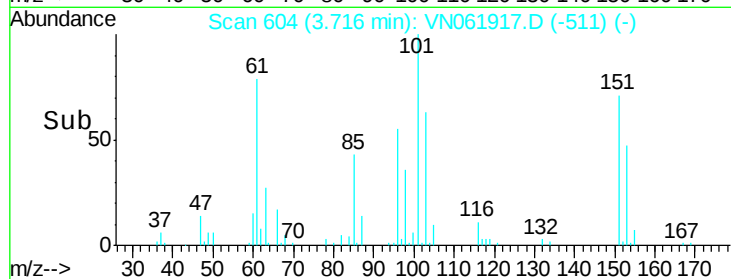
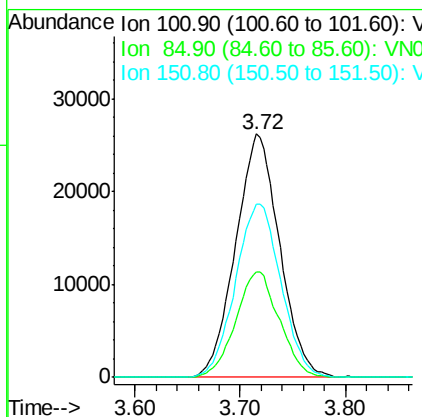
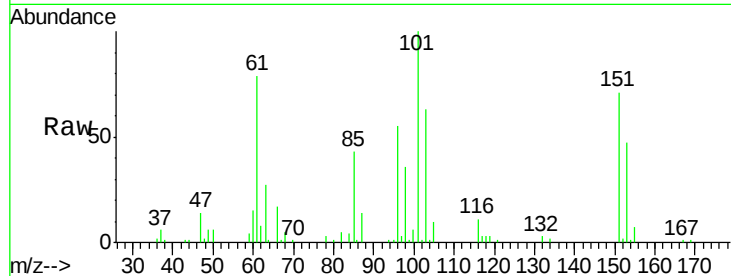
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	75913
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.0	52.6
151	73.6	59.2	88.8

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#10

Methyl Iodide

Concen: 54.911 ug/l

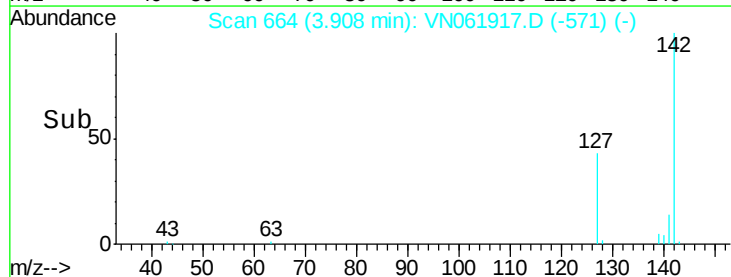
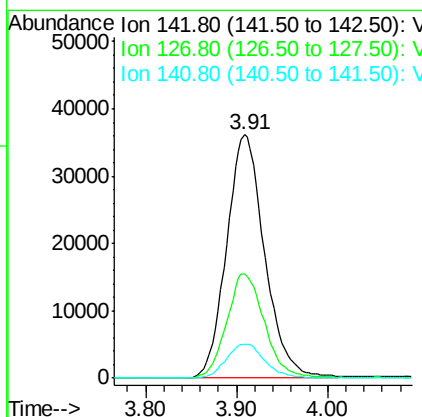
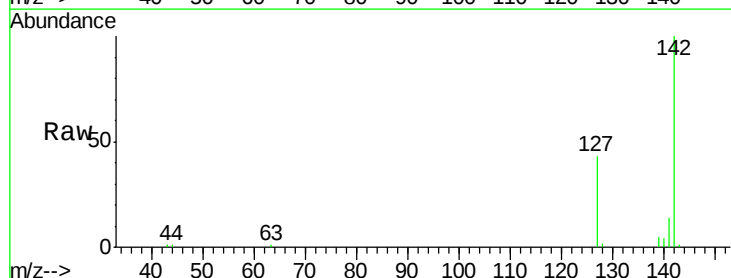
RT: 3.91 min Scan# 664

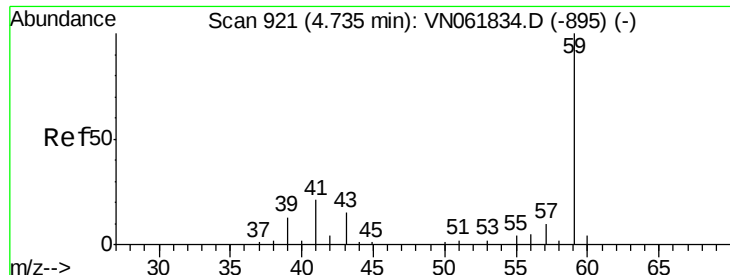
Delta R.T. -0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Tgt Ion:	142	Resp:	105003
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.4	50.0
141	14.0	11.3	16.9





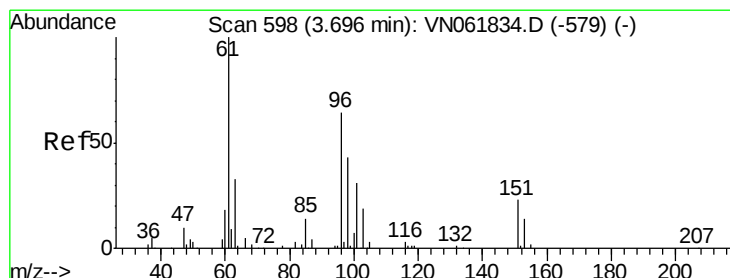
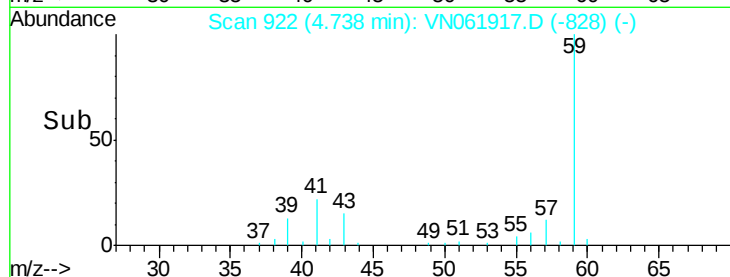
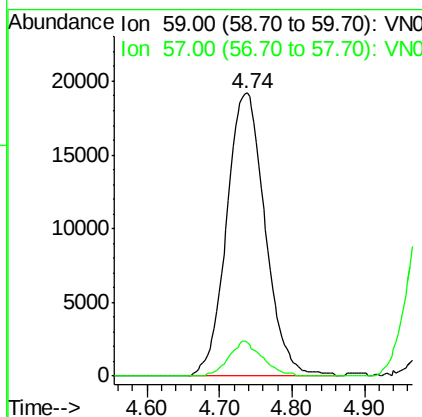
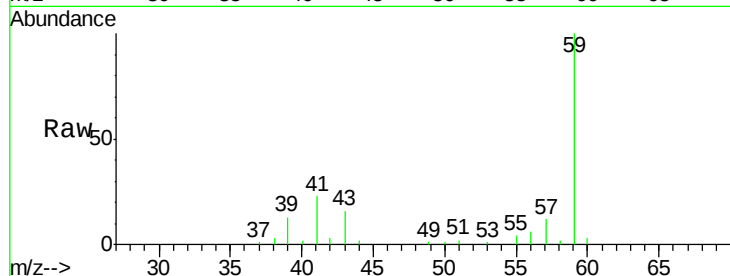
#11
Tert butyl alcohol
Concen: 247.279 ug/l
RT: 4.74 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 70952
Ion Ratio Lower Upper
59 100
57 10.8 7.7 11.5

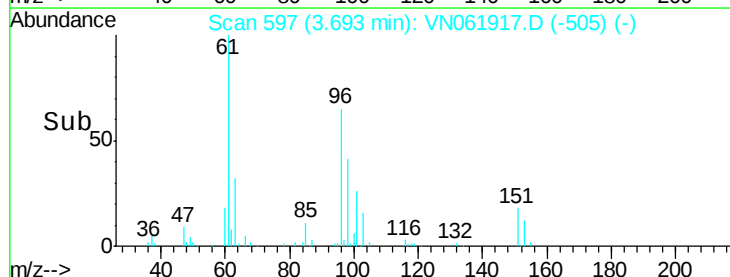
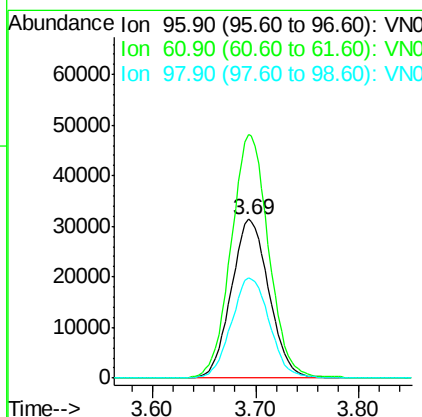
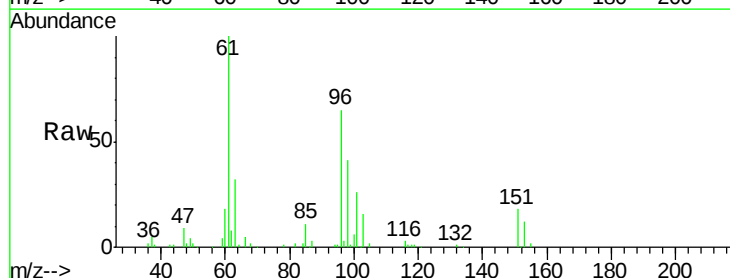
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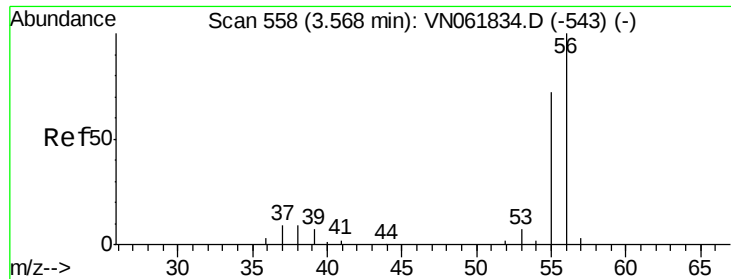
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.949 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 96 Resp: 80034
Ion Ratio Lower Upper
96 100
61 153.4 124.3 186.5
98 62.8 53.1 79.7





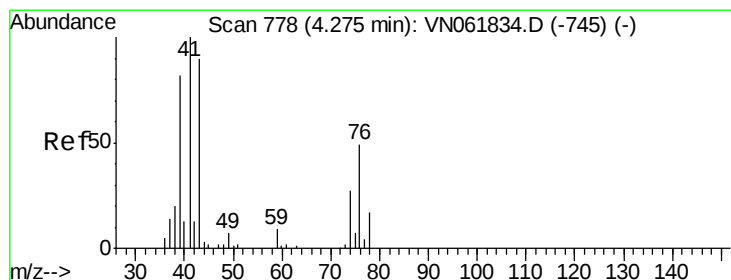
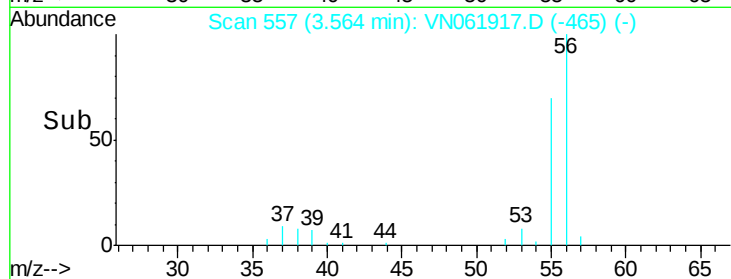
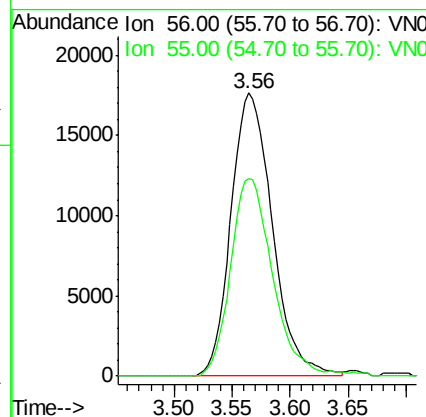
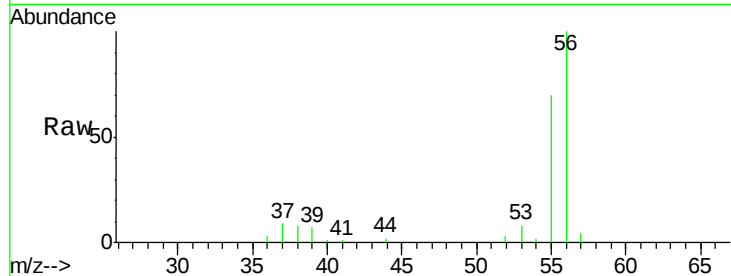
#13
 Acrolein
 Concen: 255.575 ug/l
 RT: 3.56 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.2	56.2	84.4

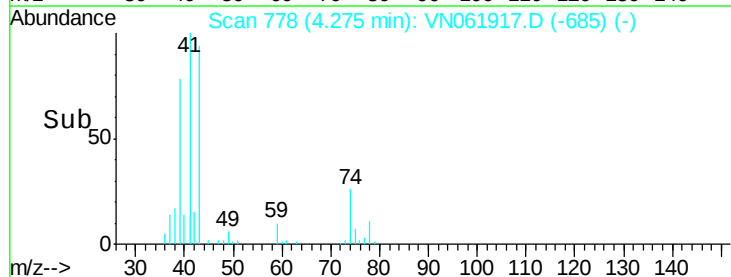
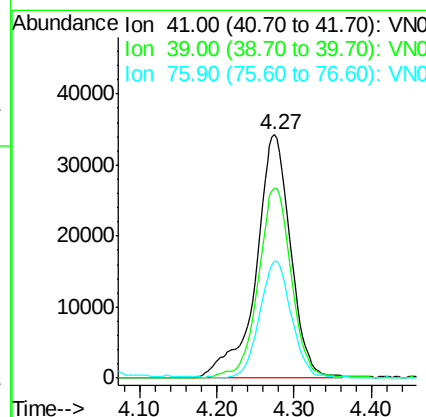
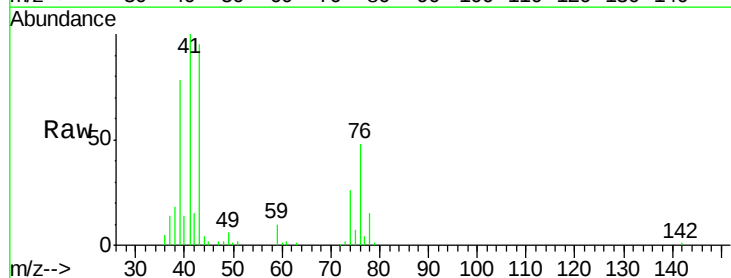
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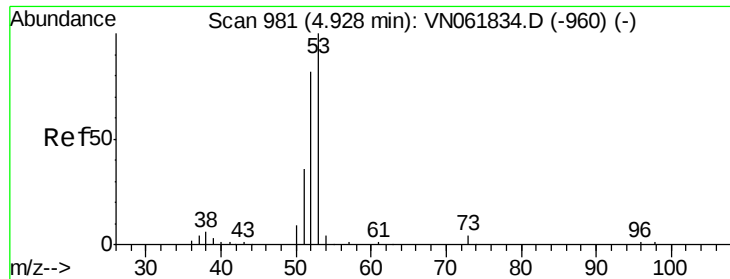
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#14
 Allyl chloride
 Concen: 51.399 ug/l
 RT: 4.27 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	74.4	60.2	90.2
76	76	43.8	36.3	54.5





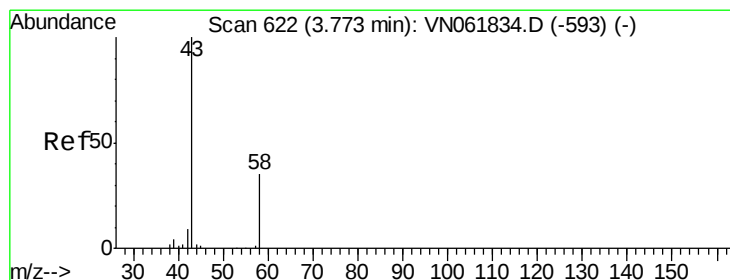
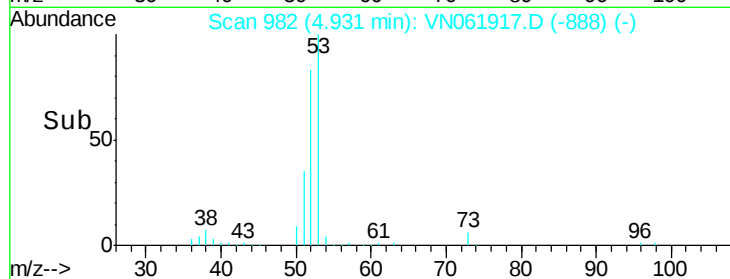
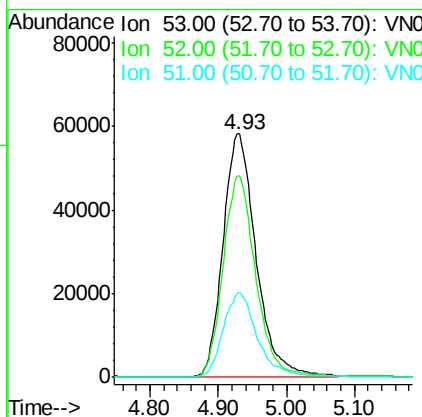
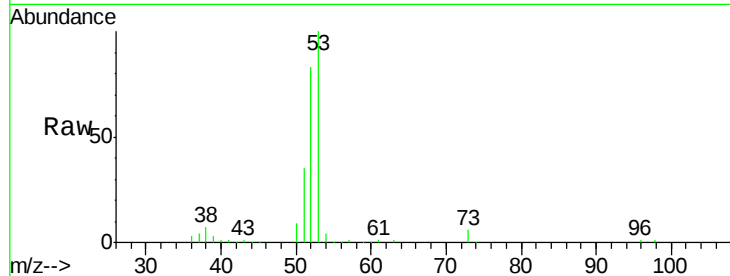
#15
 Acrylonitrile
 Concen: 276.385 ug/l
 RT: 4.93 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	53	Resp:	196501
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.2	97.8
51	35.8	29.3	43.9

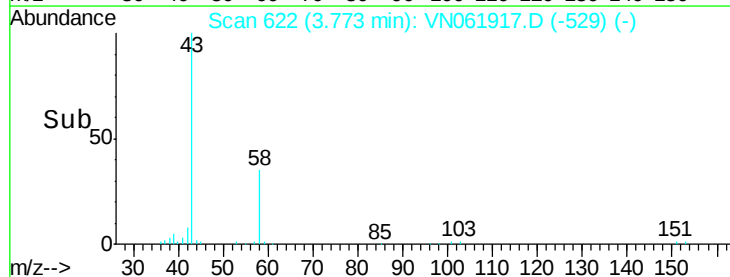
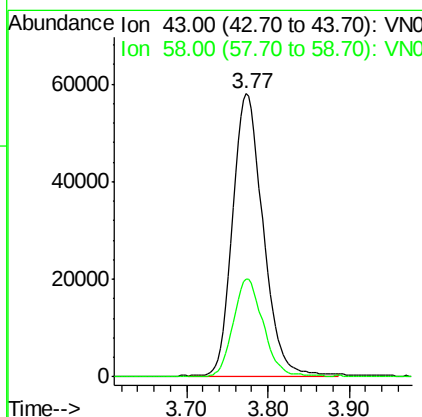
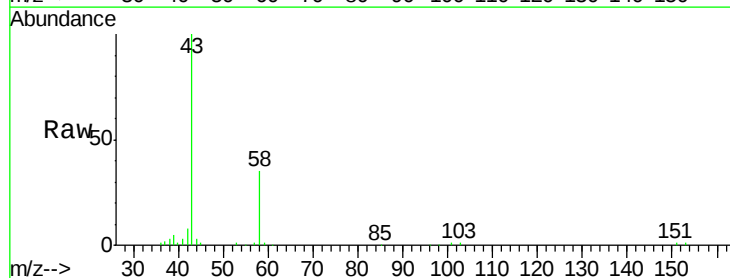
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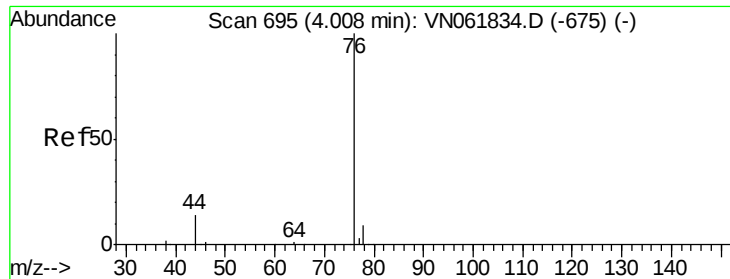
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#16
 Acetone
 Concen: 245.559 ug/l
 RT: 3.77 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion:	43	Resp:	150399
Ion	Ratio	Lower	Upper
43	100		
58	34.8	27.8	41.8





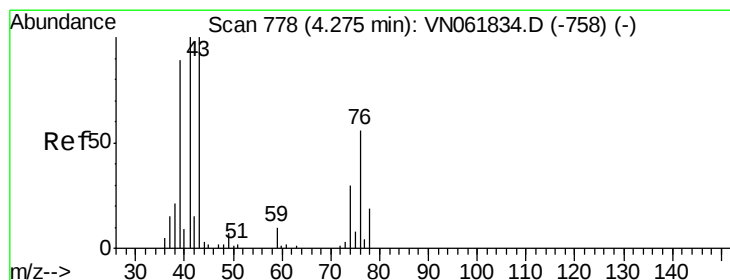
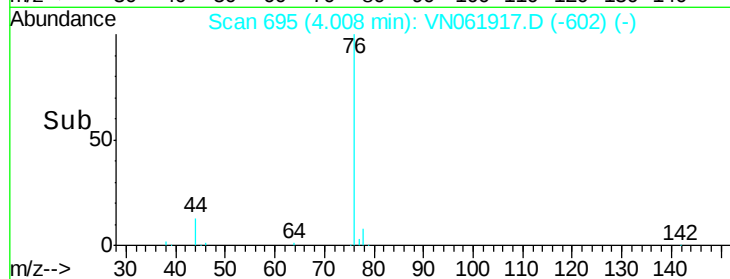
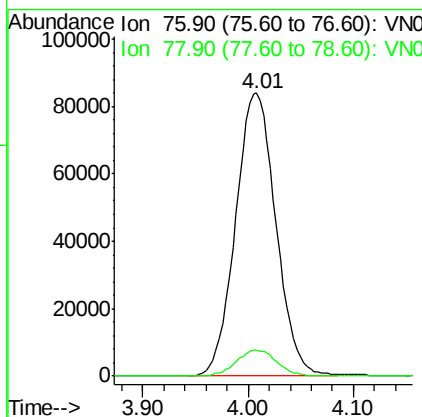
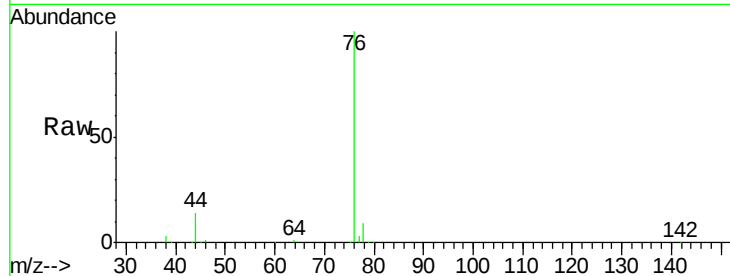
#17
Carbon Disulfide
Concen: 48.520 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
76	100		223015		
78	9.0		7.3	10.9	

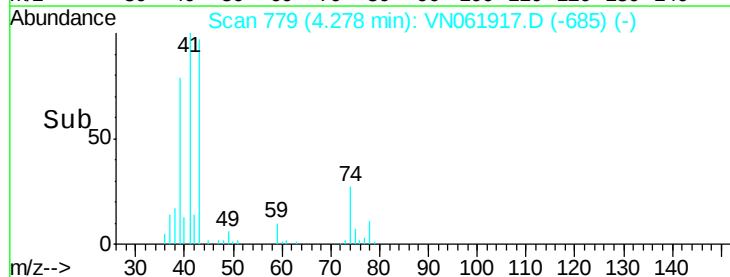
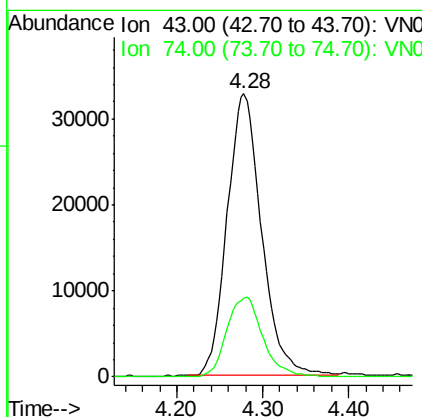
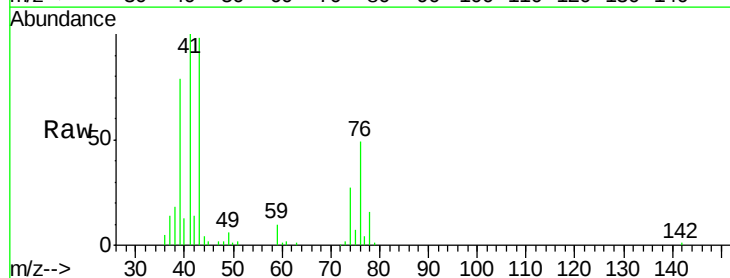
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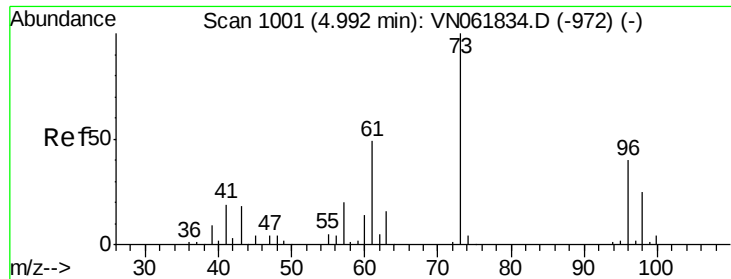
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#18
Methyl Acetate
Concen: 51.808 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		91354		
74	29.6		23.0	34.4	





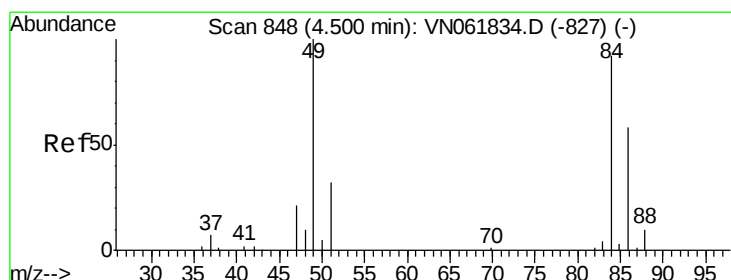
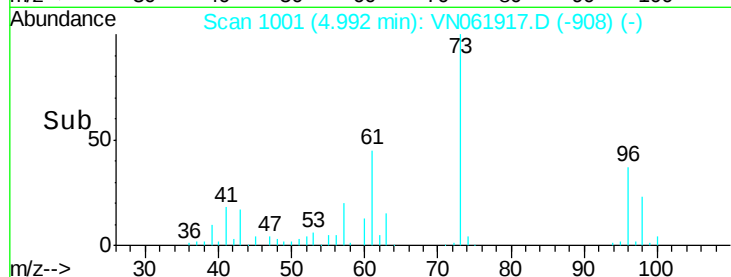
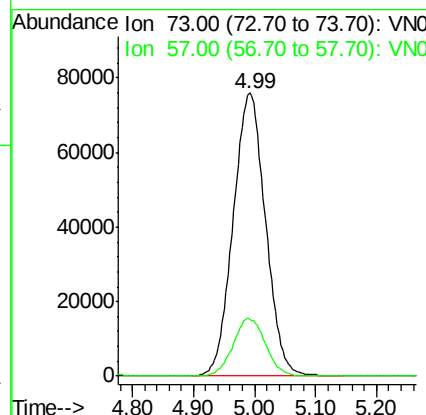
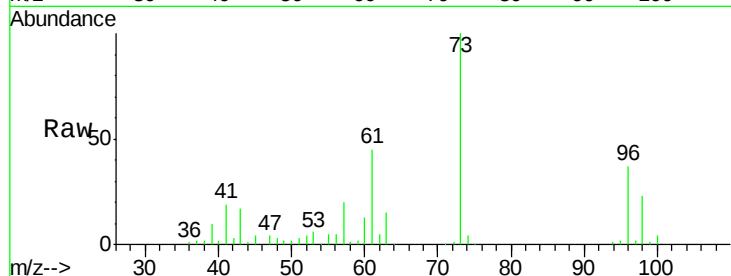
#19
Methvl tert-butvl Ether
Concen: 53.526 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 279960
Ion Ratio Lower Upper
73 100
57 20.1 16.2 24.4

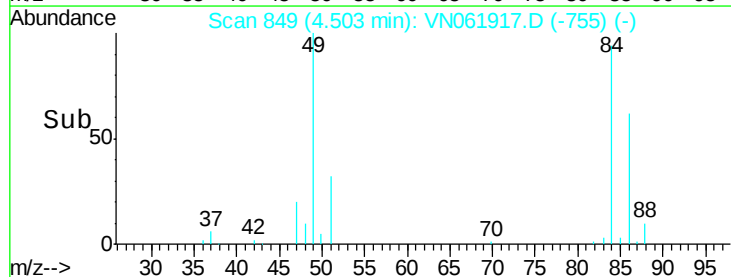
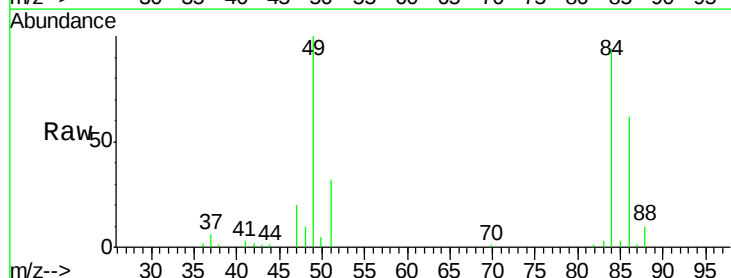
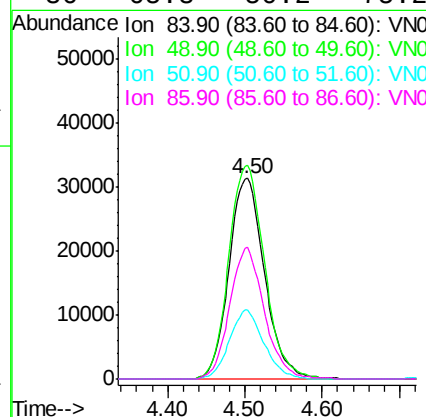
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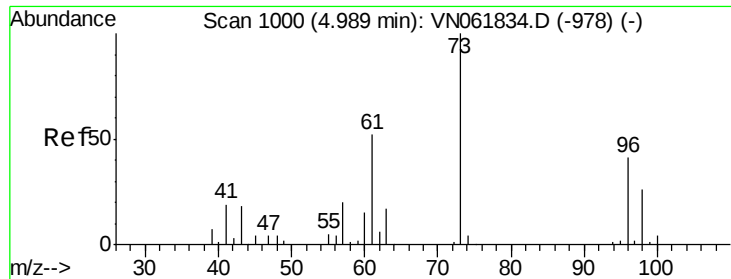
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#20
Methylene Chloride
Concen: 50.098 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 84 Resp: 99967
Ion Ratio Lower Upper
84 100
49 106.5 87.0 130.4
51 34.4 27.8 41.6
86 65.8 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 50.327 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

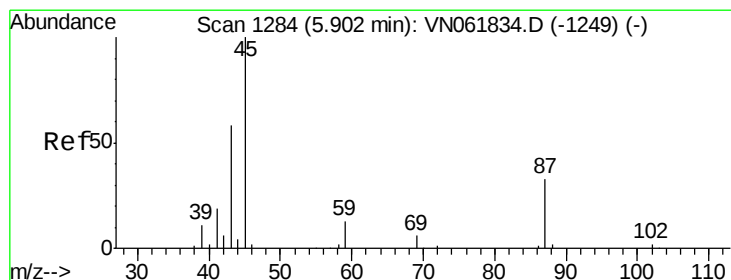
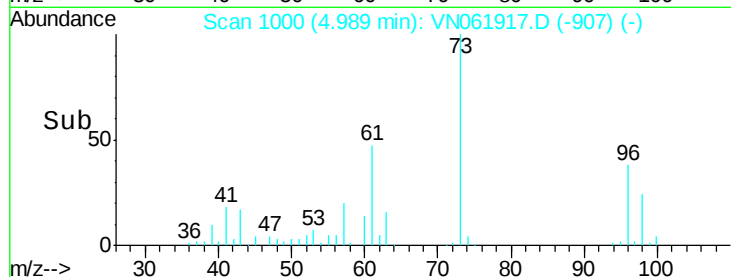
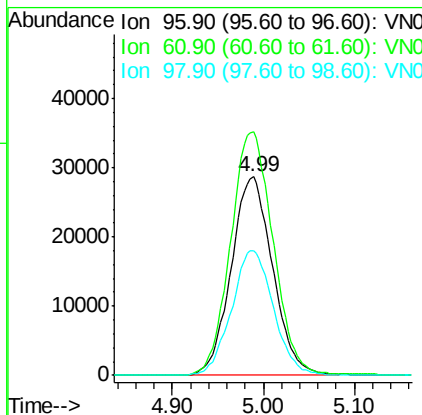
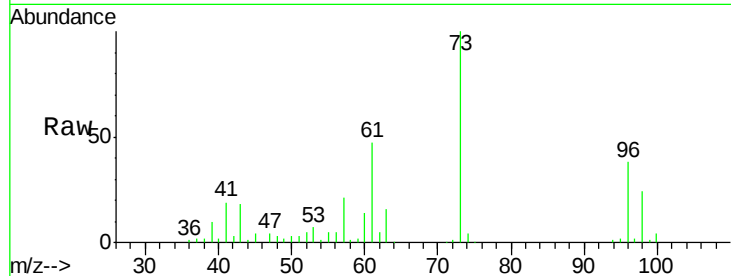
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	90807
Ion	Ratio	Lower	Upper
96	100		
61	122.7	102.2	153.4
98	62.8	51.2	76.8

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#22

Diisopropyl ether

Concen: 52.193 ug/l

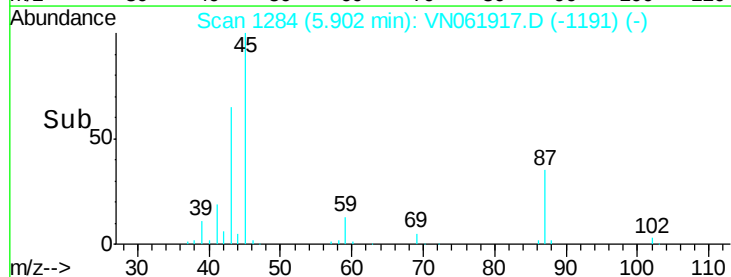
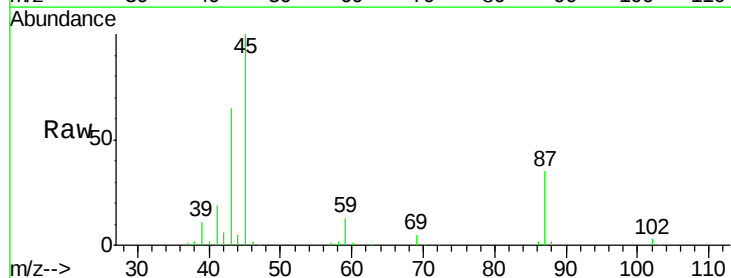
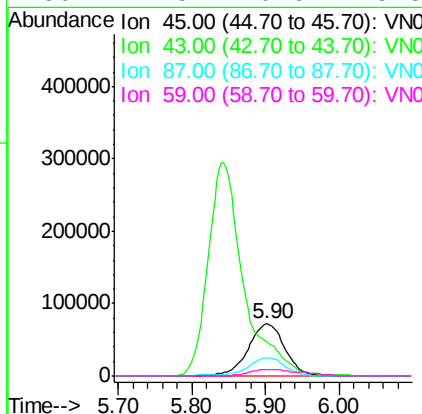
RT: 5.90 min Scan# 1284

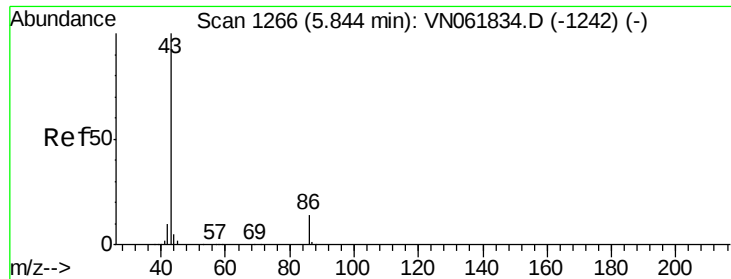
Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Tgt Ion:	45	Resp:	248871
Ion	Ratio	Lower	Upper
45	100		
43	63.7	49.4	74.2
87	35.5	27.4	41.0
59	12.5	10.6	15.8





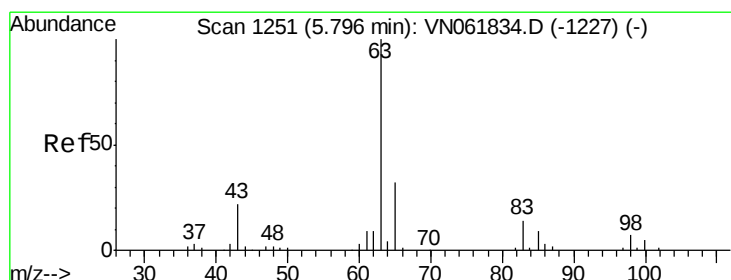
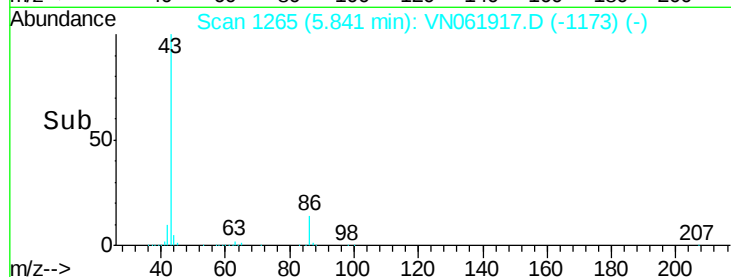
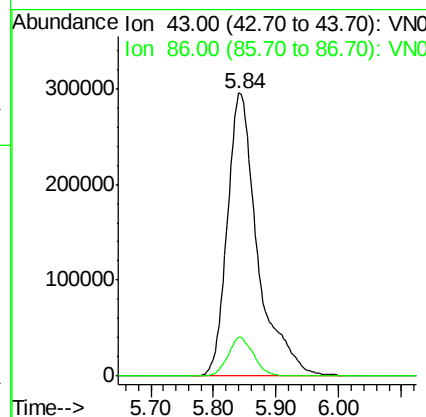
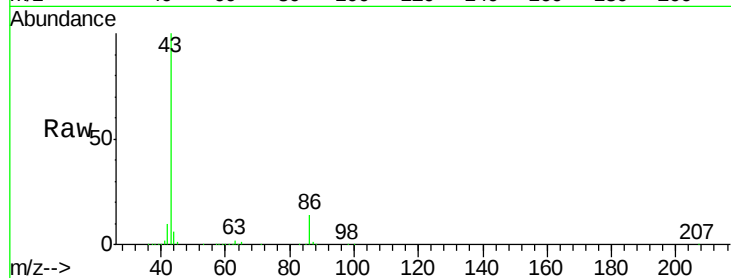
#23
 Vinyl Acetate
 Concen: 264.564 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
86	13.8	10.9	16.3

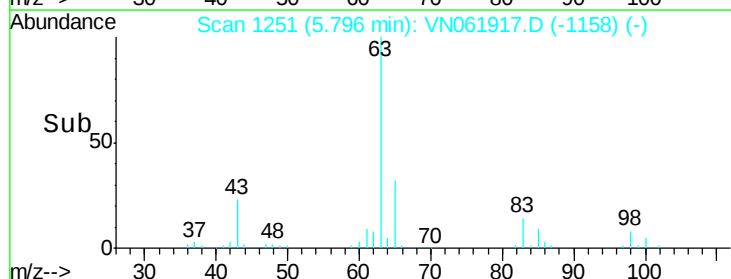
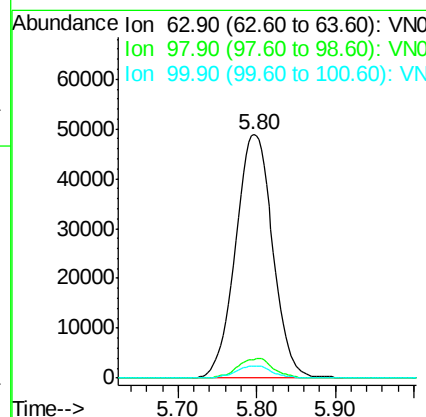
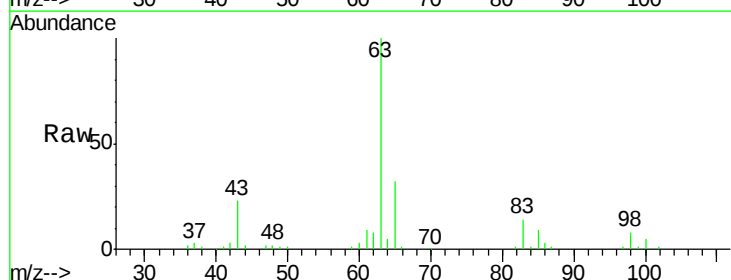
Manual Integrations
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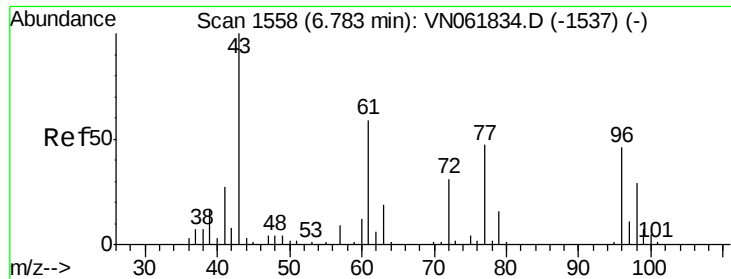
MMDadoda
 6/19/2020 1:02:27 PM



#24
 1,1-Dichloroethane
 Concen: 51.651 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.5	10.4
100	5.0	2.5	7.4





#25

2-Butanone

Concen: 265.428 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 237188

Ion Ratio Lower Upper

43 100

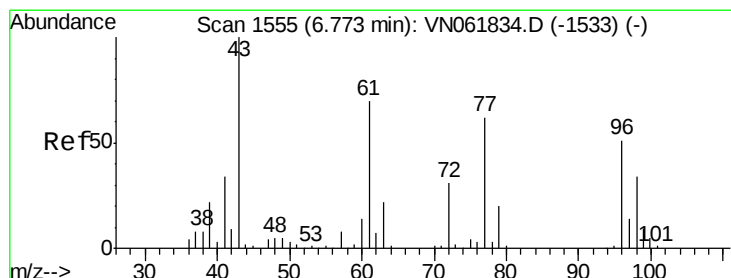
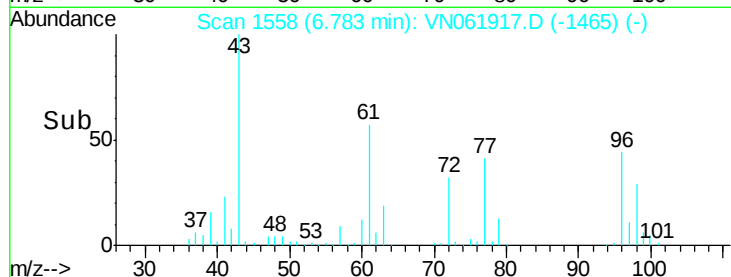
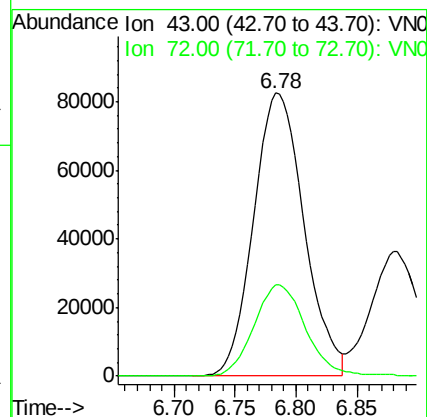
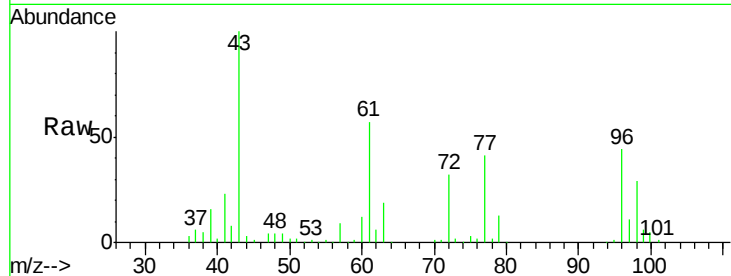
72 32.2 24.6 37.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.817 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN061917.D

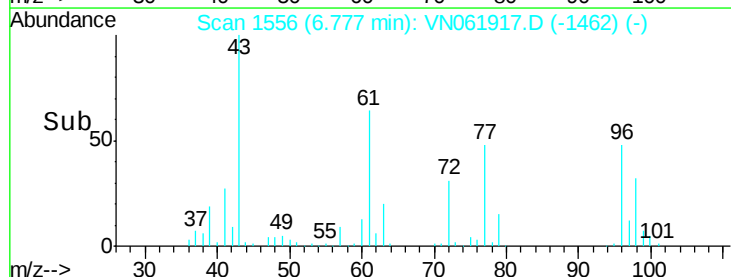
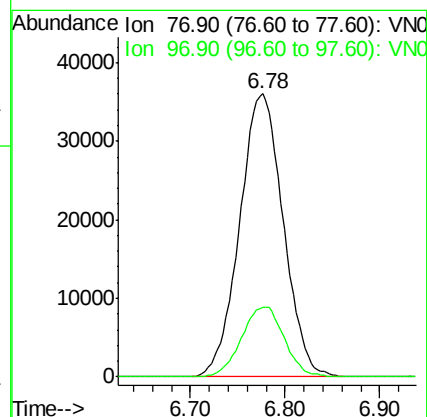
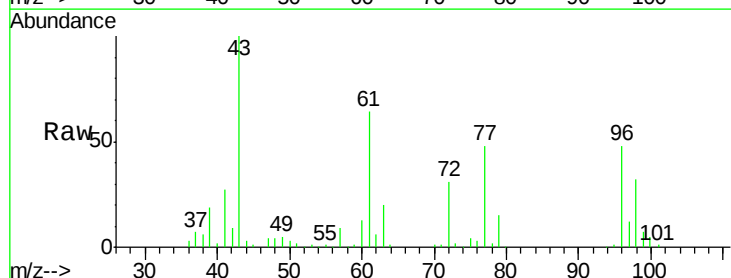
Acq: 18 Jun 2020 22:52

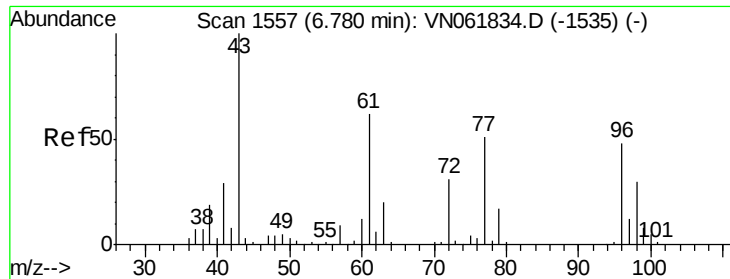
Tgt Ion: 77 Resp: 115068

Ion Ratio Lower Upper

77 100

97 24.3 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 51.466 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

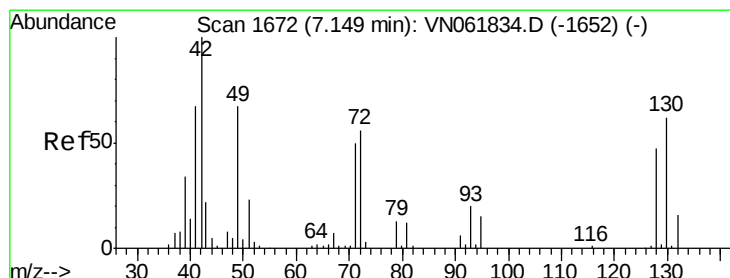
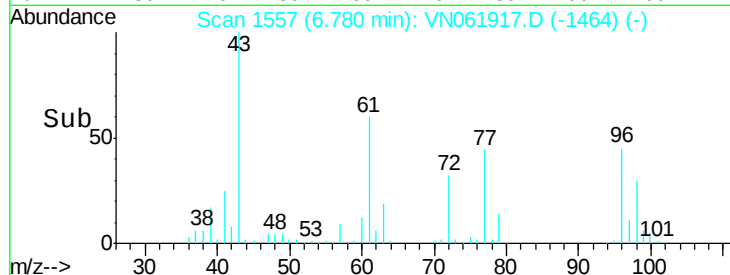
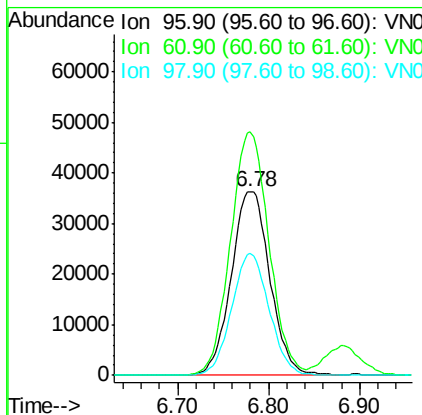
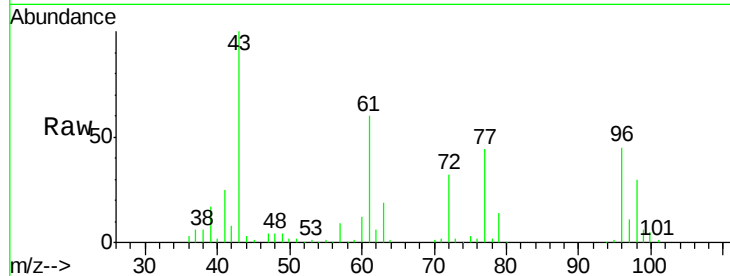
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	107149
Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	265.6
98	64.3	0.0	128.2

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#28

Bromochloromethane

Concen: 51.126 ug/l

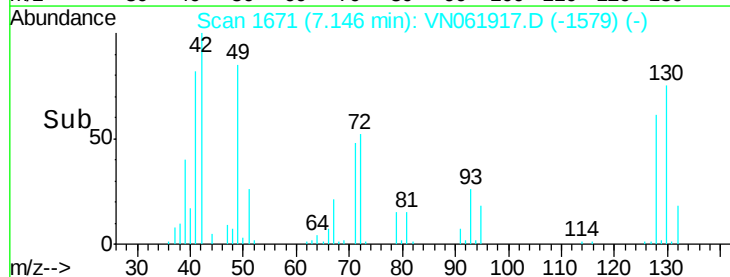
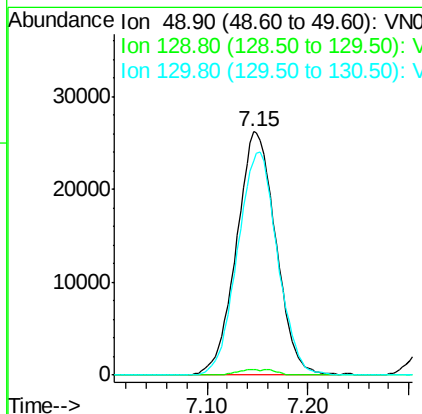
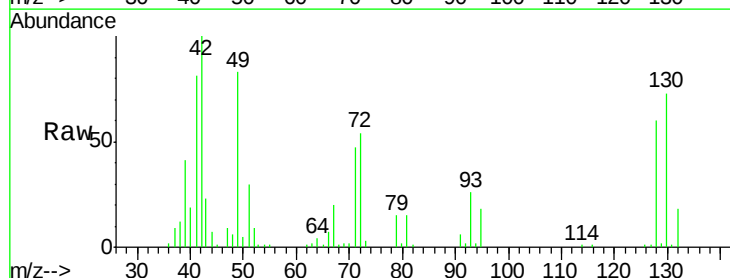
RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Tgt Ion:	49	Resp:	71055
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.0
130	92.6	72.2	108.2





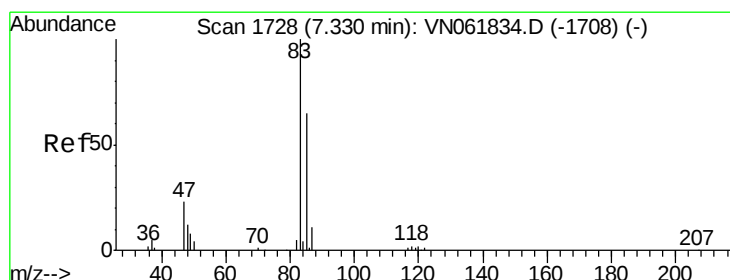
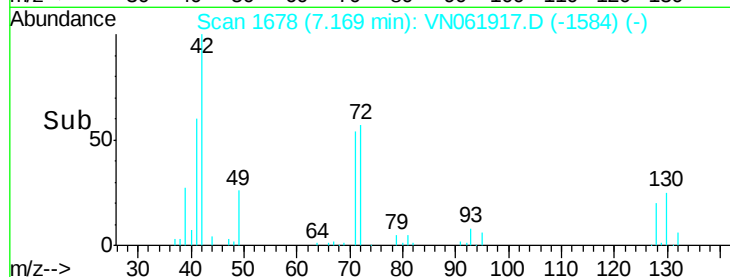
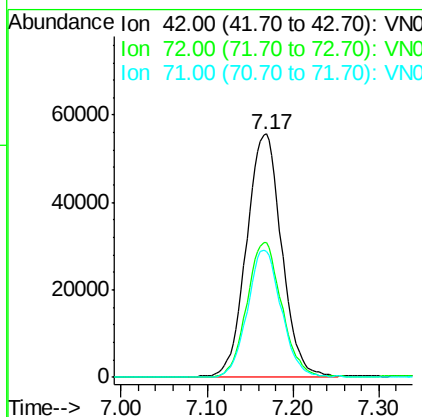
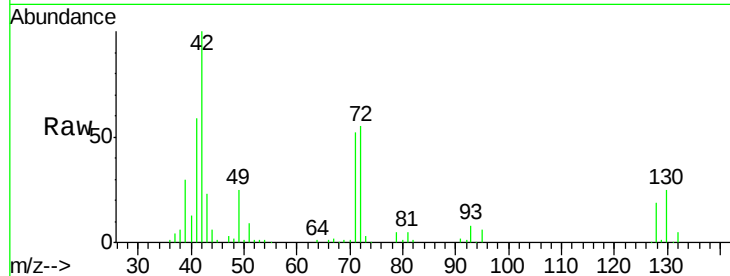
#29
Tetrahydrofuran
Concen: 270.718 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	54.6	44.0	66.0
71	50.2	40.0	60.0

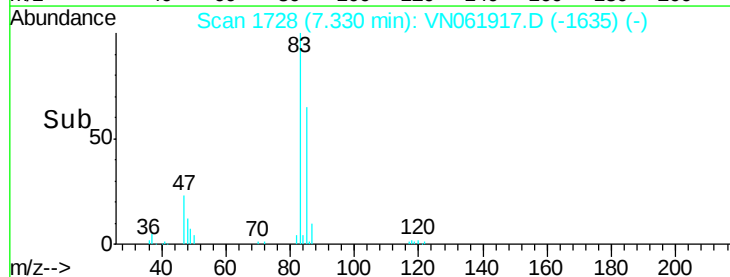
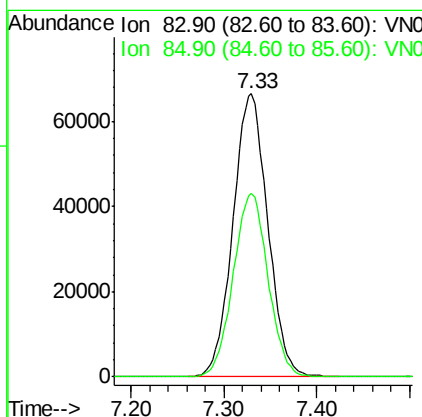
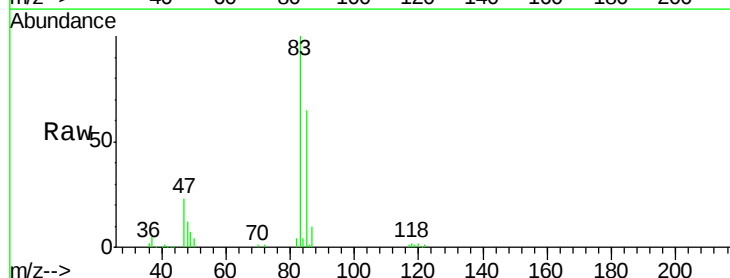
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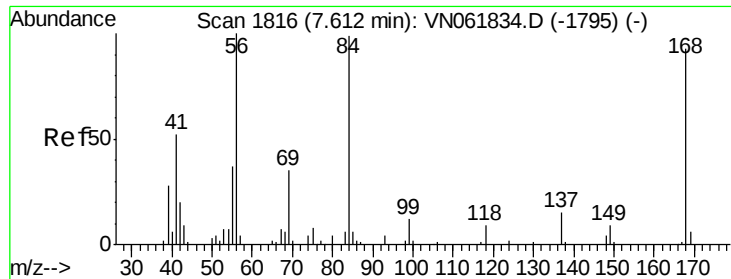
MMDadoda
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#30
Chloroform
Concen: 51.820 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.0	78.0





#31

Cyclohexane

Concen: 43.801 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

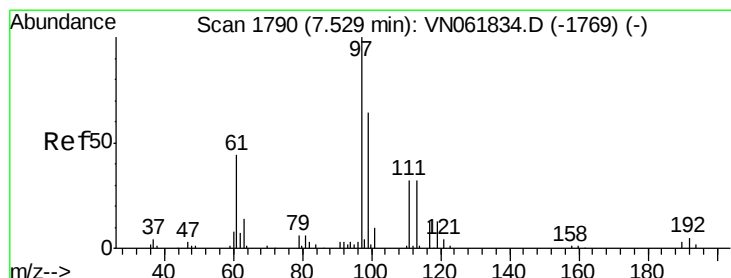
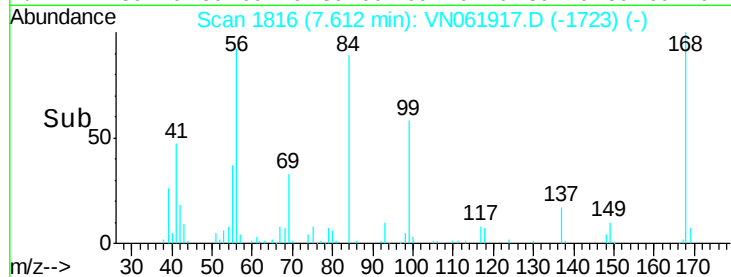
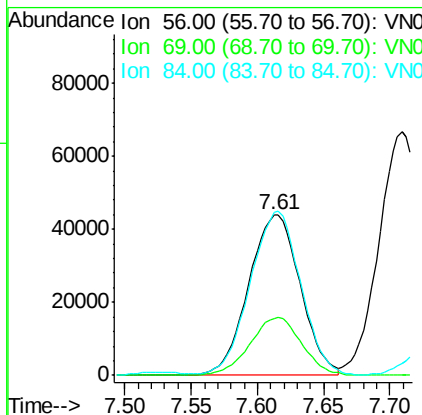
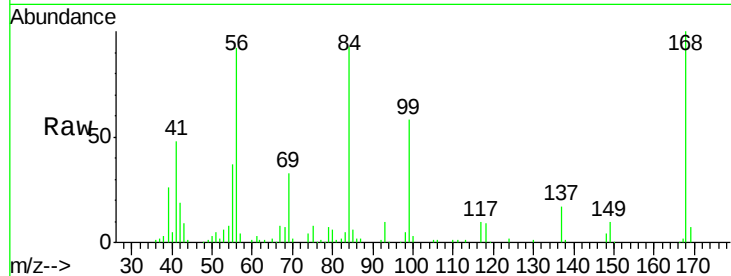
ClientSampled :

VSTDCCC050

Tot Ion:	56	Resp:	119685
Ion Ratio	Lower	Upper	
56	100		
69	35.6	27.7	41.5
84	100.3	79.1	118.7

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#32

1,1,1-Trichloroethane

Concen: 51.041 ug/l

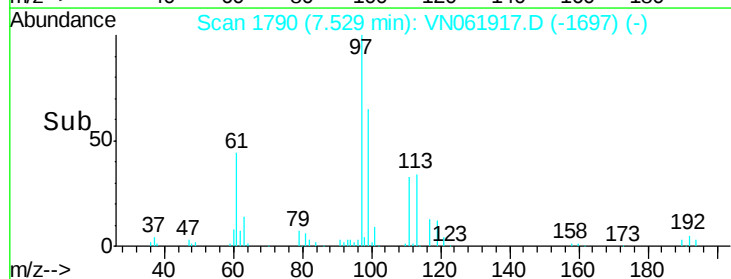
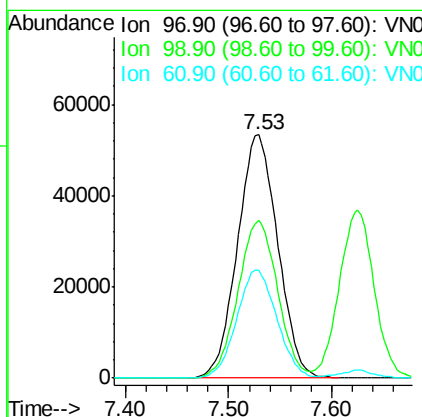
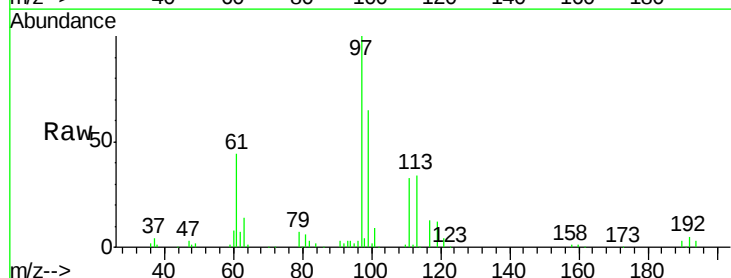
RT: 7.53 min Scan# 1790

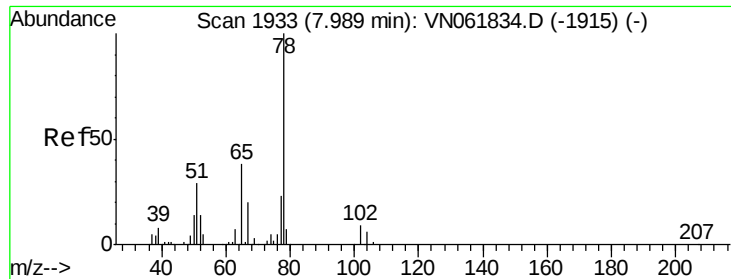
Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Tgt Ion:	97	Resp:	145007
Ion Ratio	Lower	Upper	
97	100		
99	63.9	51.5	77.3
61	44.2	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 49.992 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 103658

Ion Ratio Lower Upper

65 100

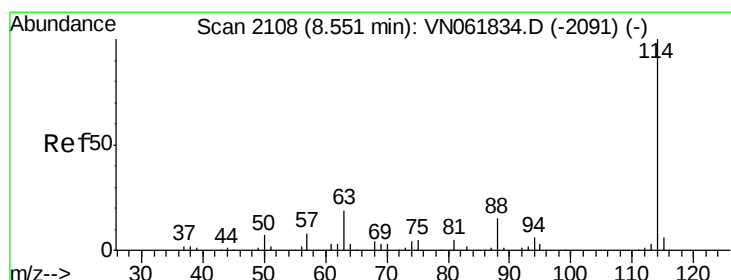
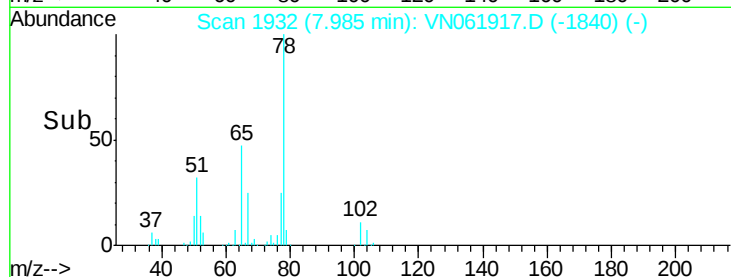
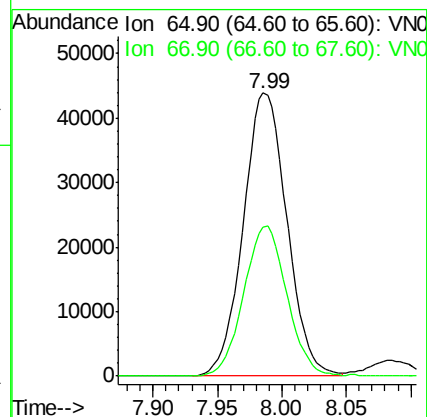
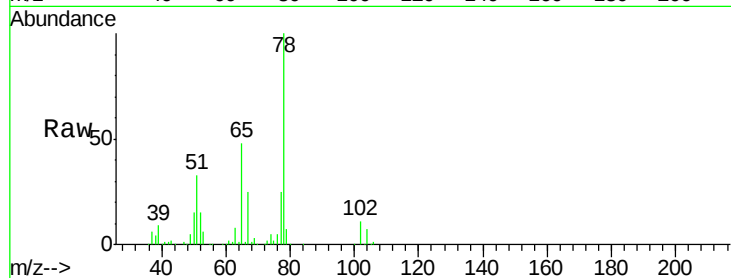
67 52.2 0.0 106.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

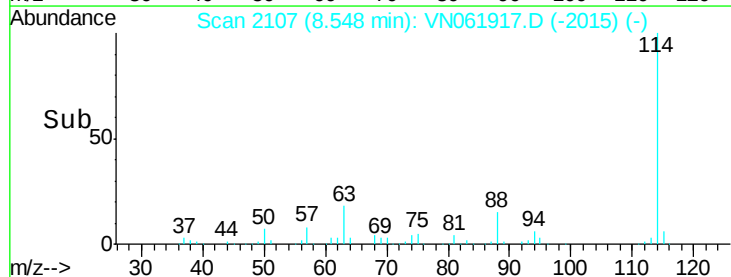
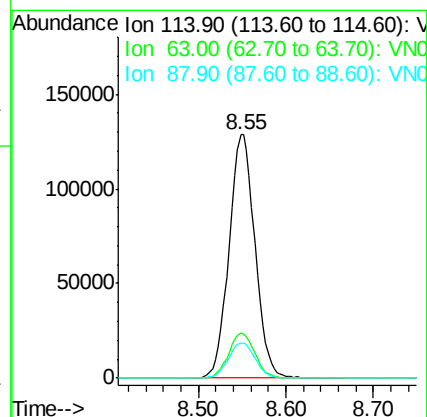
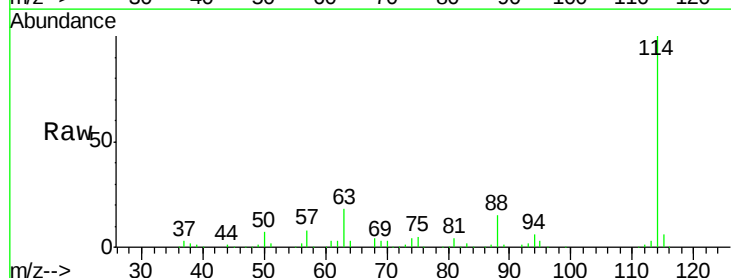
Tgt Ion: 114 Resp: 264448

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.6

88 14.6 0.0 31.0





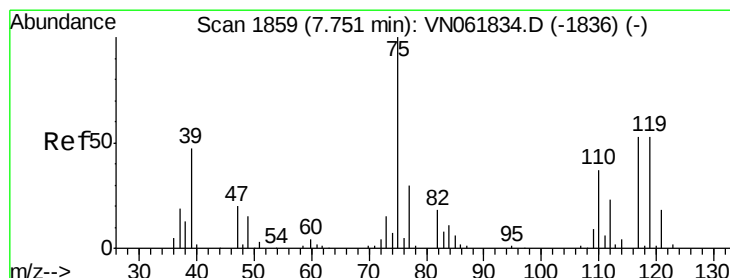
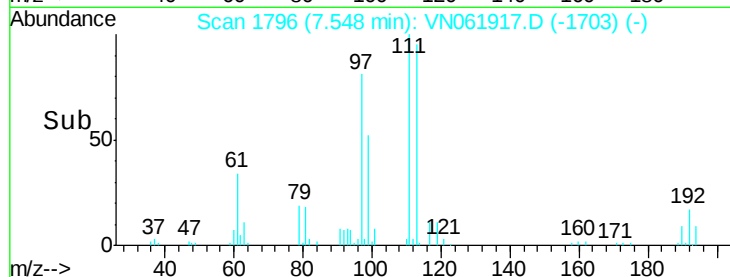
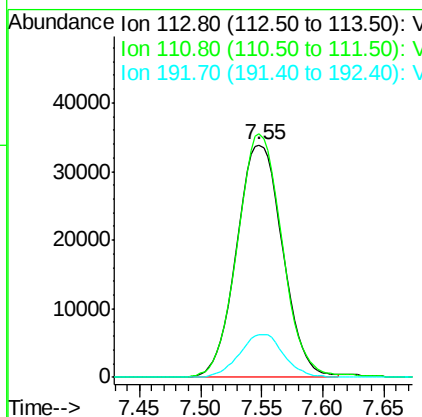
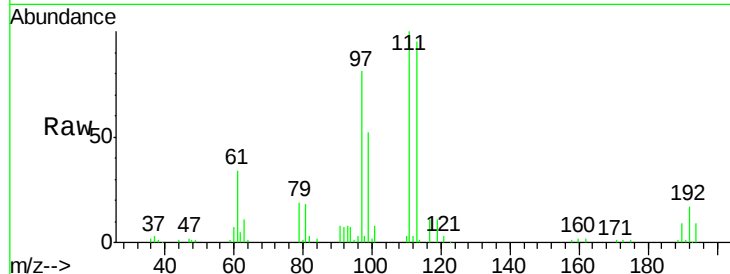
#35
 Dibromofluoromethane
 Concen: 52.303 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.7	125.5
192	17.8	13.9	20.9

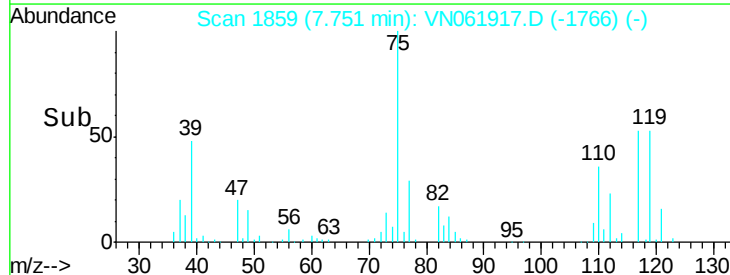
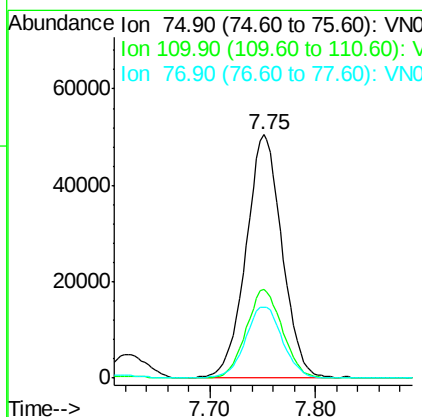
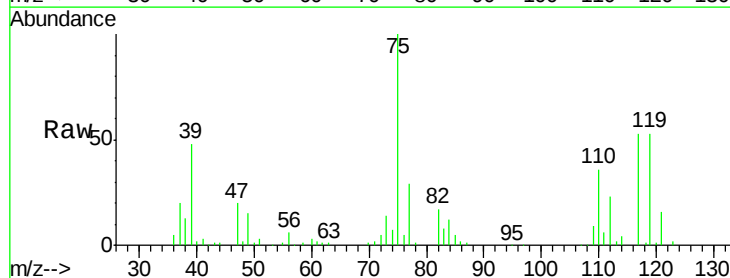
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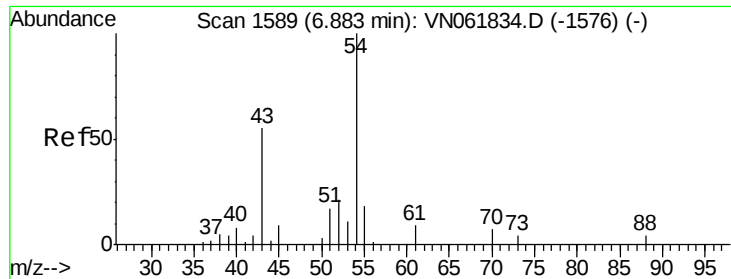
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#36
 1,1-Dichloropropene
 Concen: 49.799 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.4	18.2	54.6
77	30.0	24.2	36.4





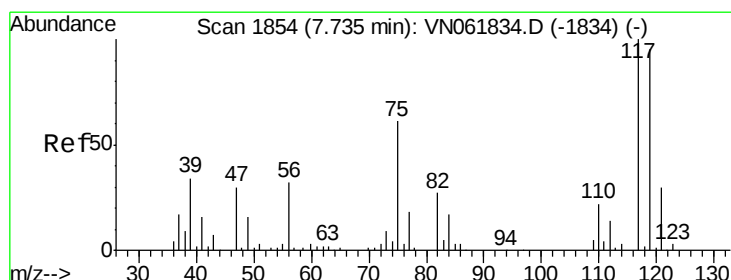
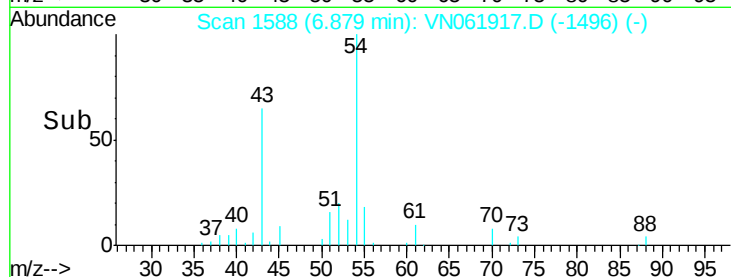
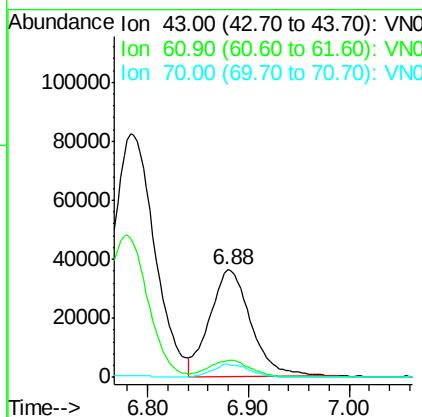
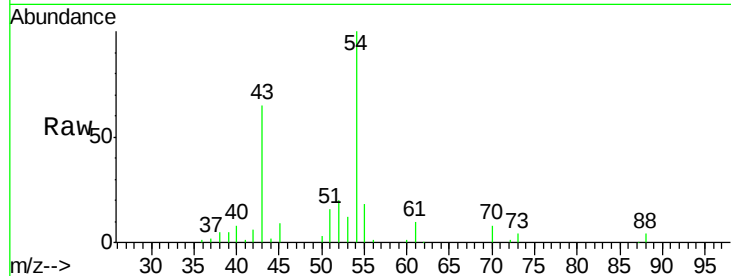
#37
Ethyl Acetate
Concen: 54.584 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.4	13.0	19.4
70	11.3	9.4	14.2

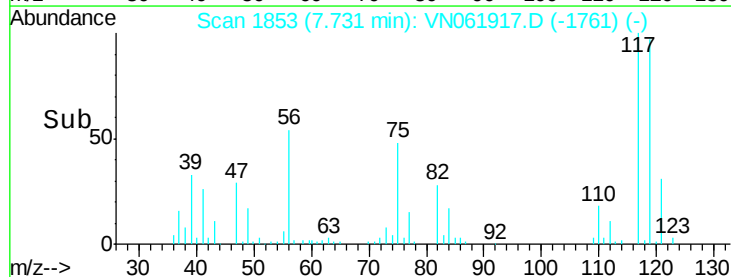
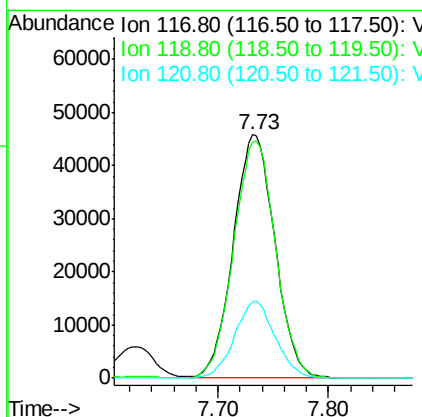
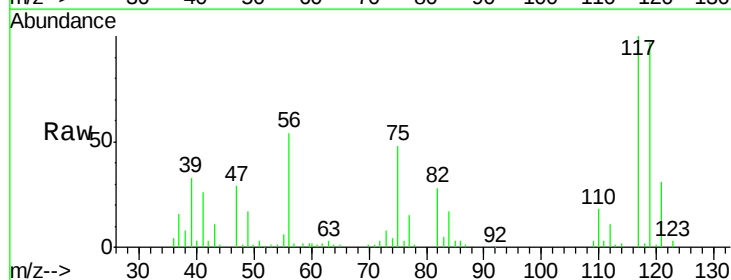
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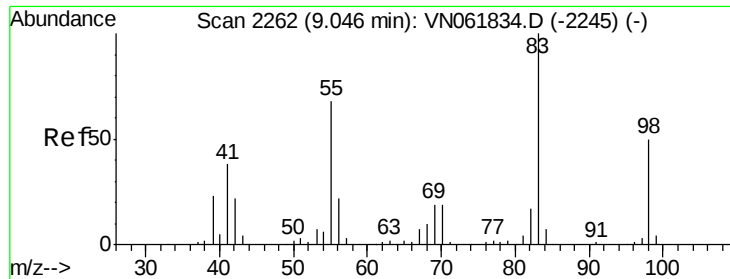
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#38
Carbon Tetrachloride
Concen: 50.102 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	75.8	113.6
121	31.4	23.8	35.6





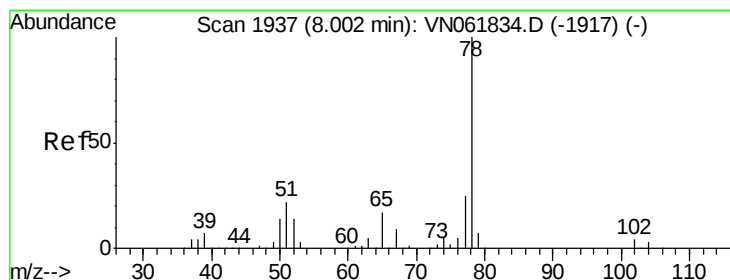
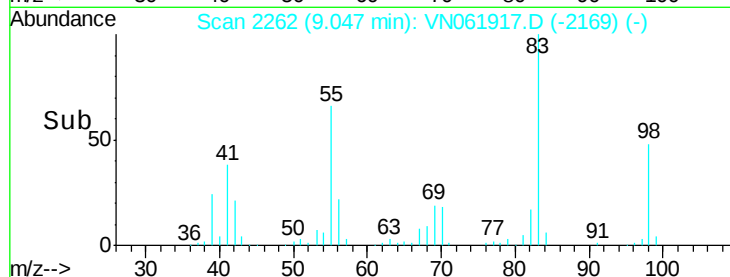
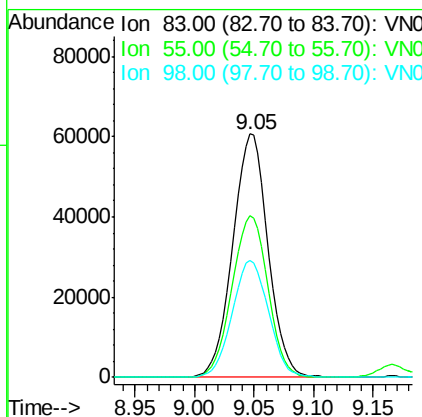
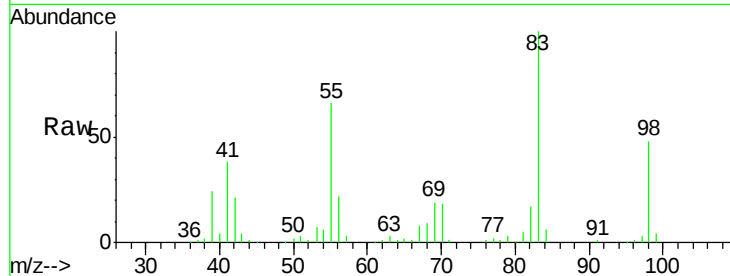
#39
Methvlcvclohexane
Concen: 48.006 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	66.3	54.2	81.4
98	48.2	39.8	59.6

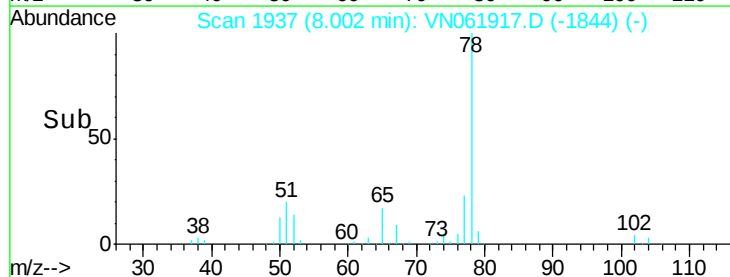
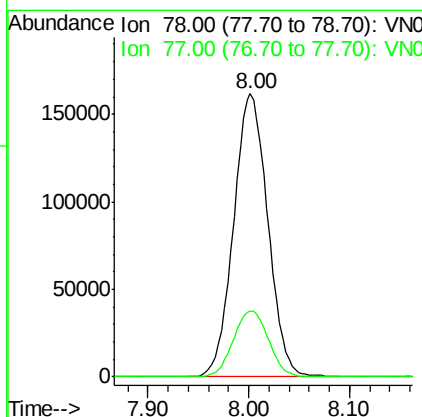
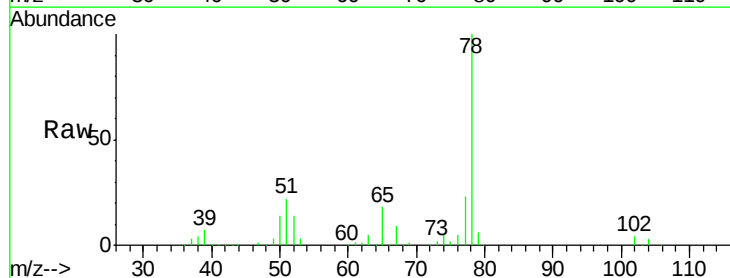
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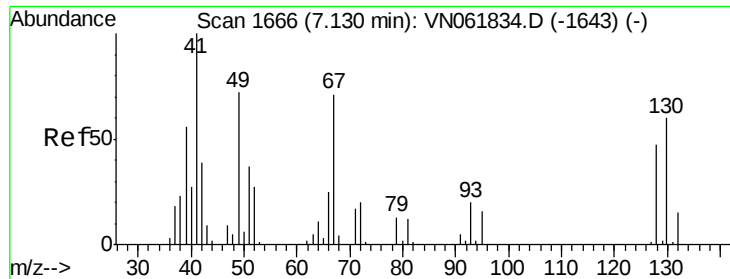
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#40
Benzene
Concen: 52.028 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.7	29.5





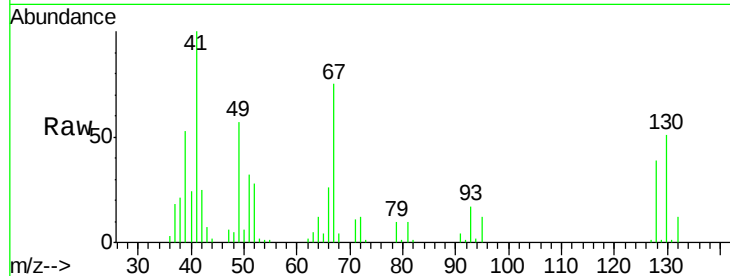
#41
Methacrylonitrile
Concen: 46.217 ug/l m
RT: 7.13 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

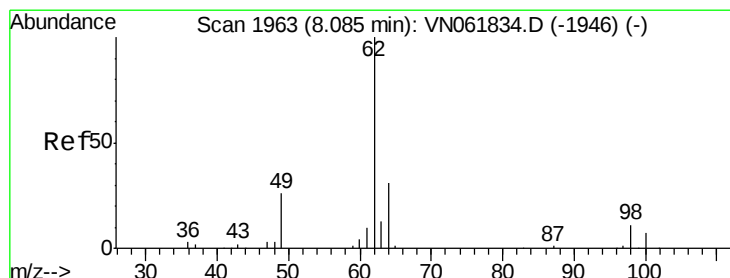
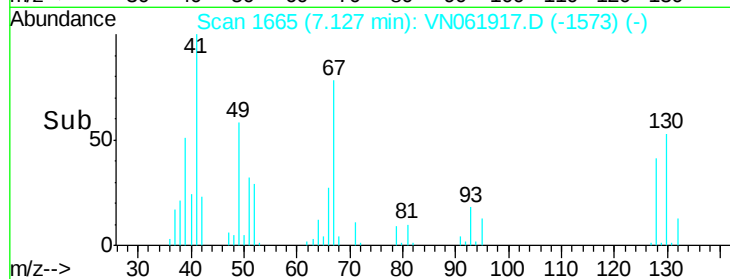
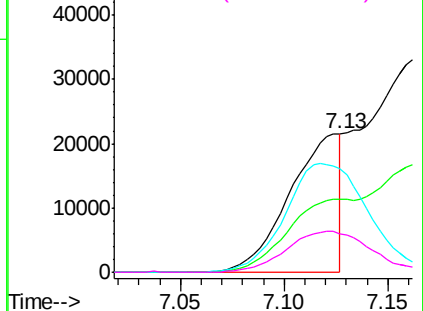
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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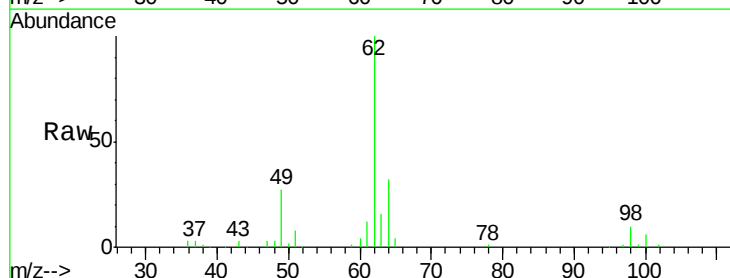


Abundance Ion 41.00 (40.70 to 41.70): VN061834.D (-1643) (-)

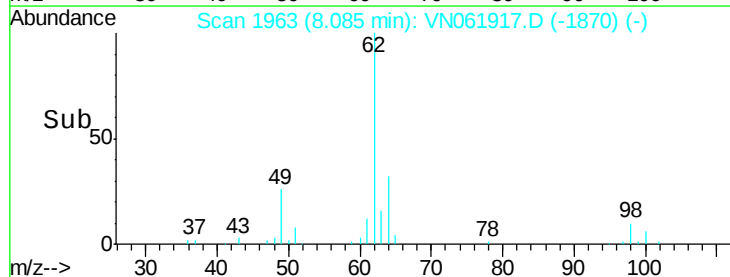
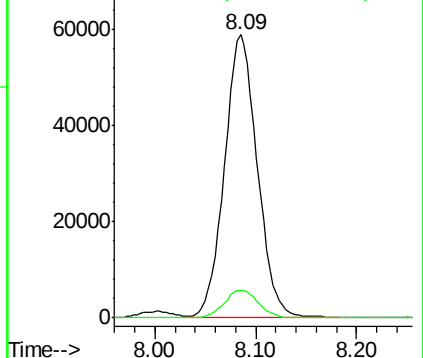


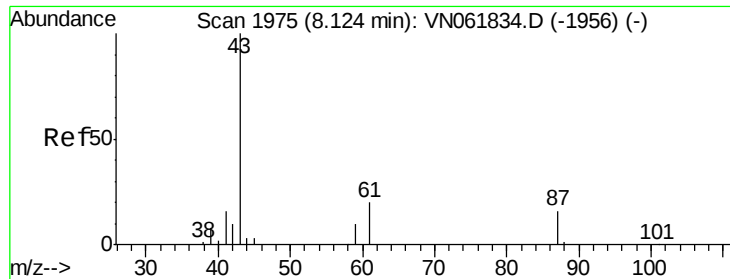
#42
1,2-Dichloroethane
Concen: 53.263 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VN061834.D (-1946) (-)





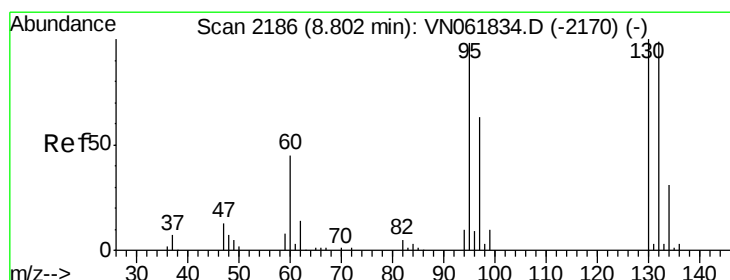
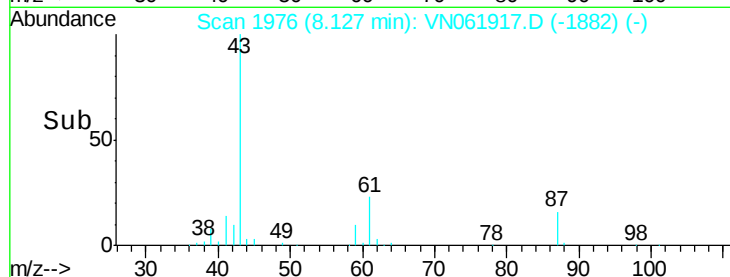
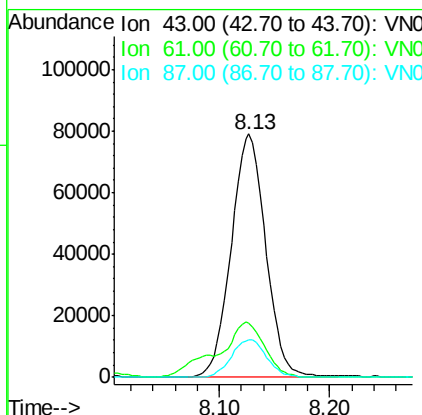
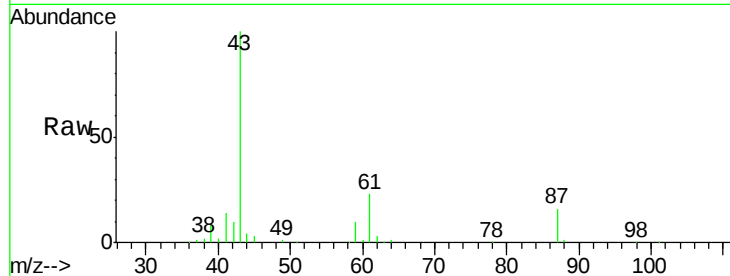
#43
Isopropyl Acetate
Concen: 54.081 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.0	24.0	36.0#
87	15.8	12.5	18.7

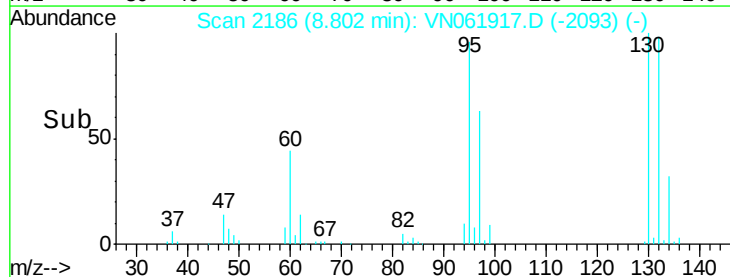
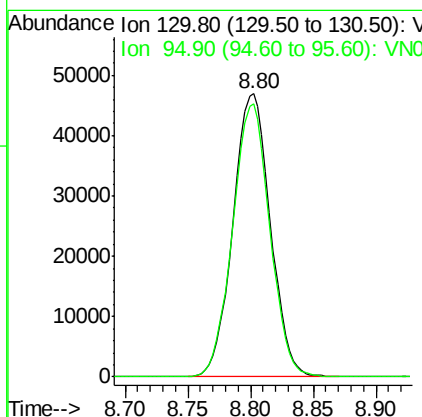
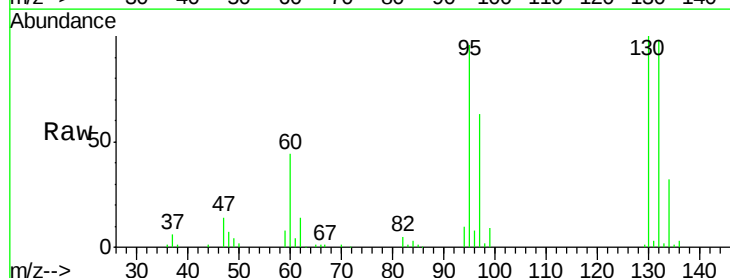
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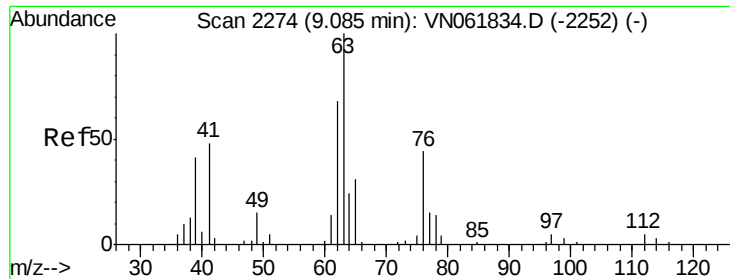
MMDadoda
6/19/2020 1:02:27 PM



#44
Trichloroethene
Concen: 50.529 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.5	0.0	195.6





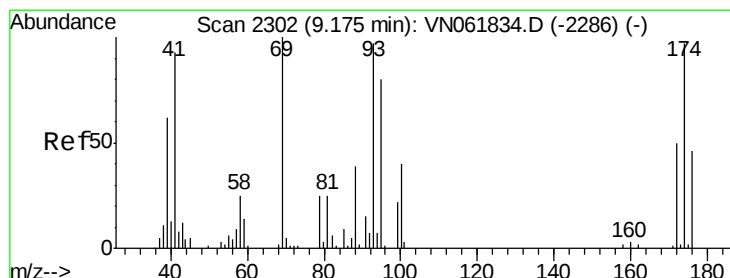
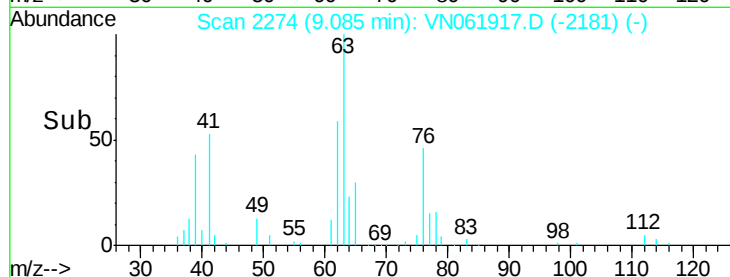
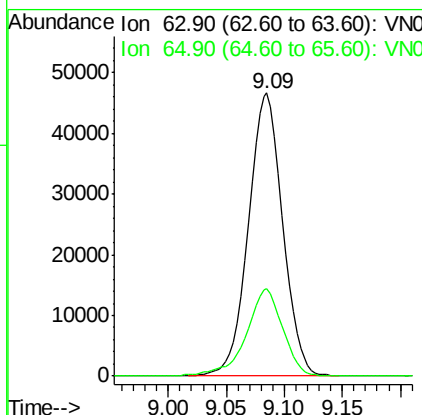
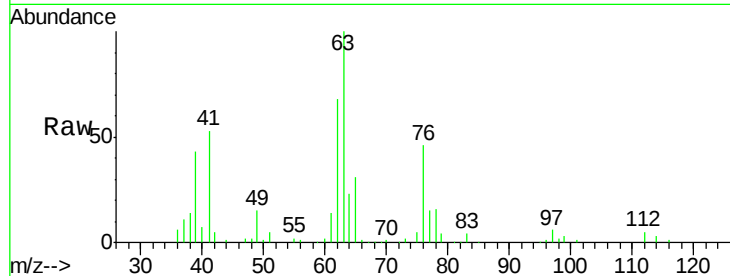
#45
 1,2-Dichloropropane
 Concen: 53.523 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 96107
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.1 37.7

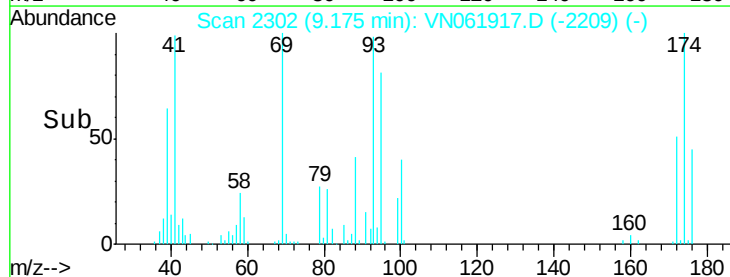
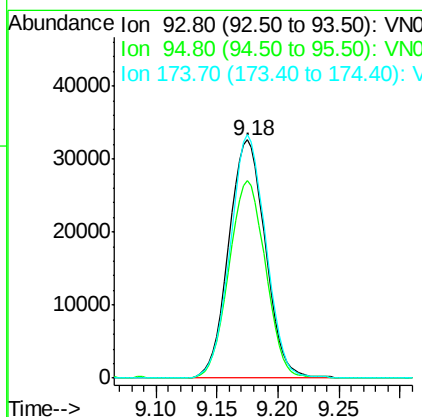
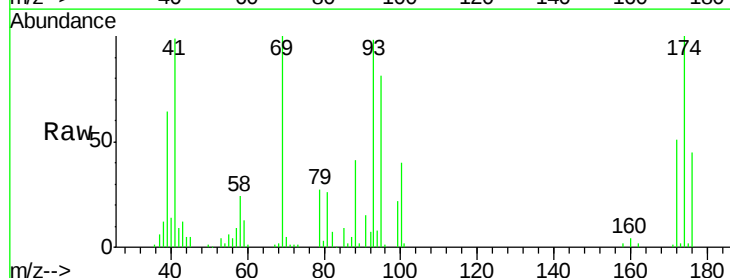
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#46
 Dibromomethane
 Concen: 53.915 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion: 93 Resp: 68173
 Ion Ratio Lower Upper
 93 100
 95 82.9 65.8 98.6
 174 99.2 78.5 117.7





#47

Bromodichloromethane

Concen: 53.327 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

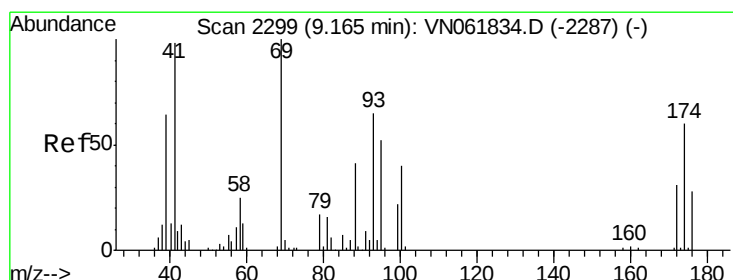
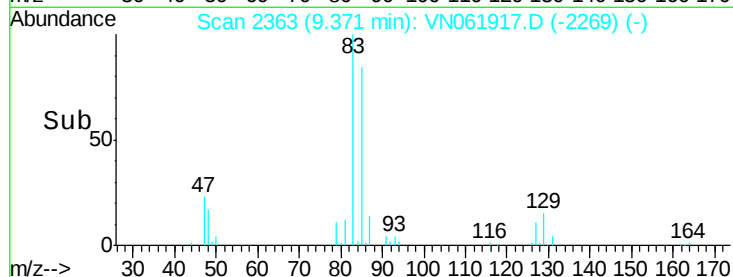
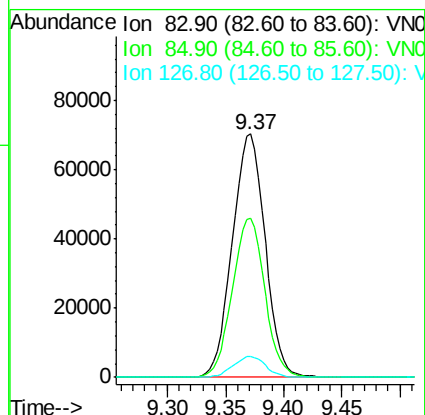
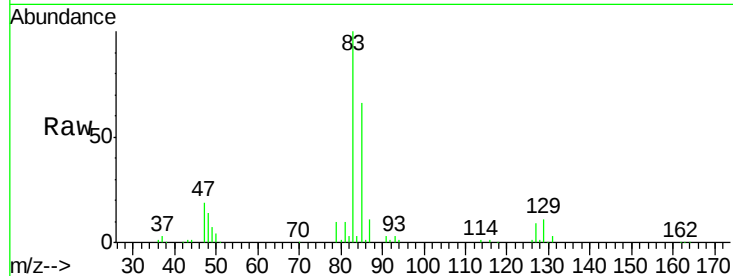
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	138072
Ion Ratio	Lower	Upper	
83	100		
85	65.5	50.8	76.2
127	8.6	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 55.244 ug/l

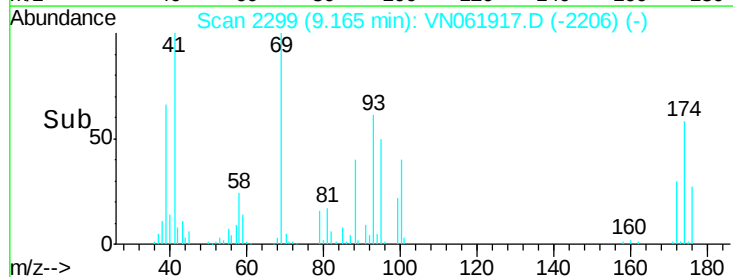
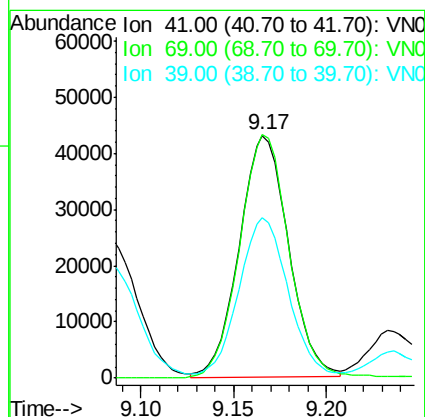
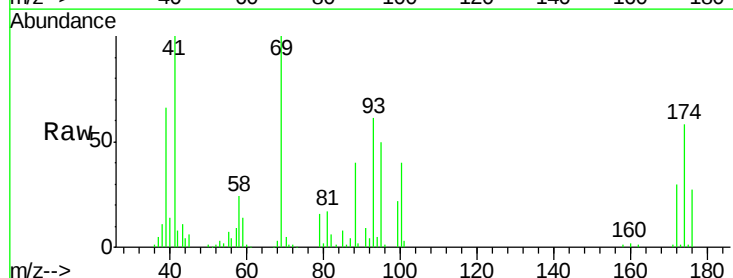
RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Tgt Ion:	41	Resp:	79747
Ion Ratio	Lower	Upper	
41	100		
69	101.3	83.0	124.4
39	67.2	55.1	82.7





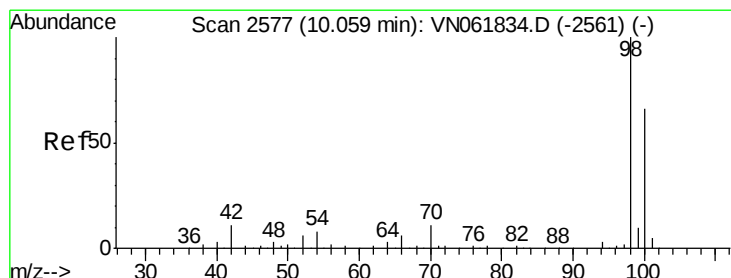
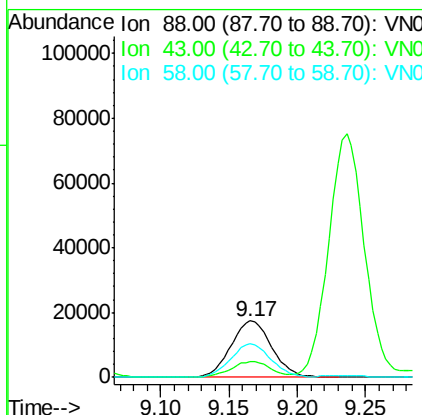
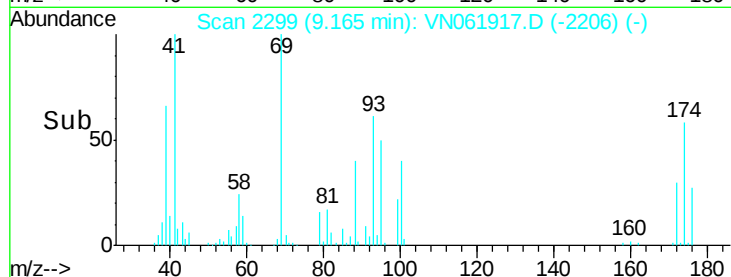
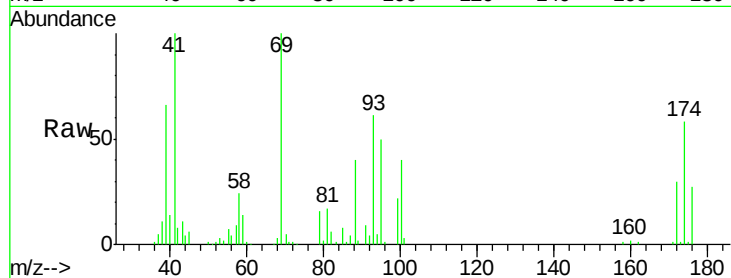
#49
1,4-Dioxane
Concen: 1081.674 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.2	23.4	35.2
58	59.3	49.8	74.6

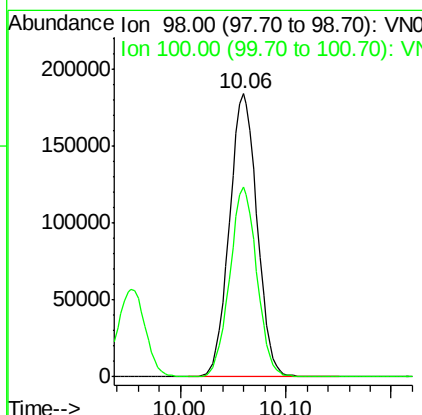
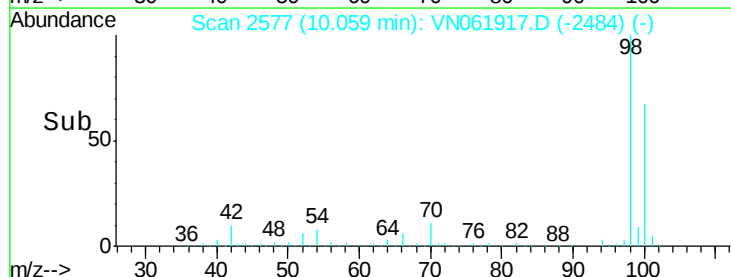
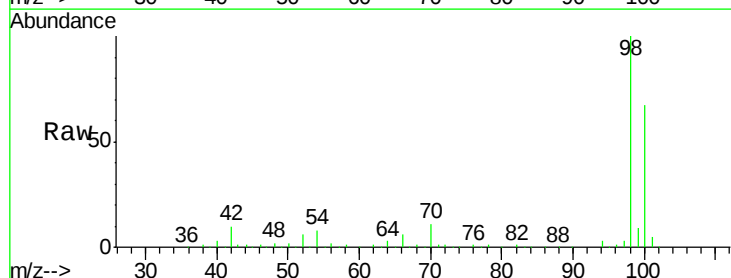
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#50
Toluene-d8
Concen: 50.248 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.7	79.1





#51

4-Methyl-2-Pentanone

Concen: 278.979 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 523308

Ion Ratio Lower Upper

43 100

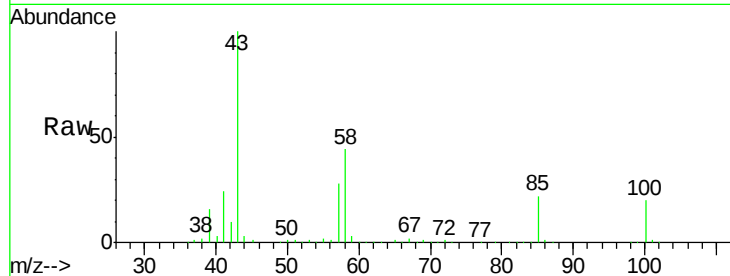
58 43.8 34.6 52.0

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN061834.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN061834.D (-2527) (-)

9.95

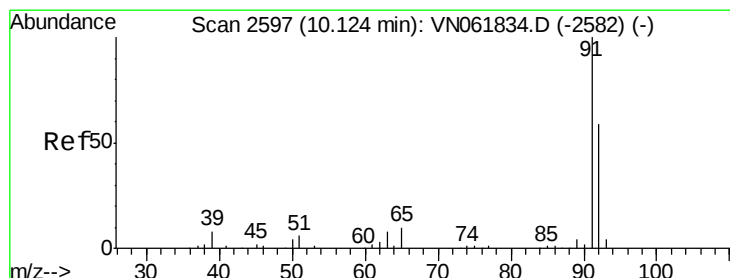
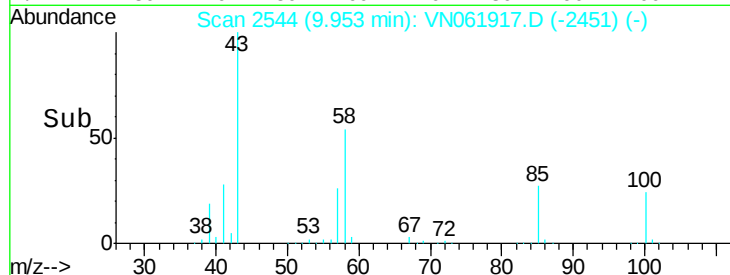
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 53.343 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. 0.00 min

Lab File: VN061917.D

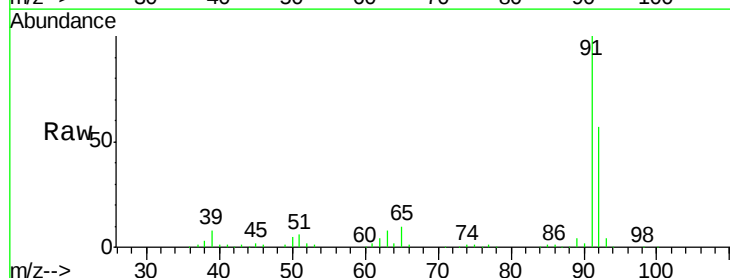
Acq: 18 Jun 2020 22:52

Tgt Ion: 92 Resp: 244782

Ion Ratio Lower Upper

92 100

91 172.0 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VN061834.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN061834.D (-2582) (-)

10.12

250000

200000

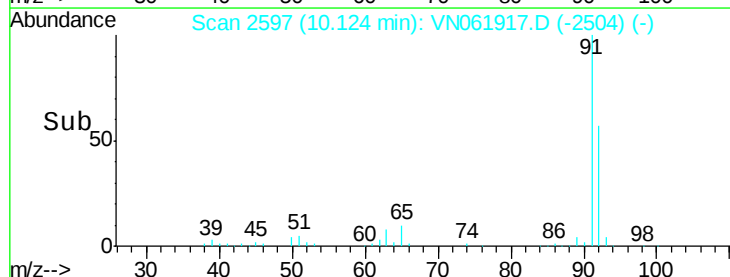
150000

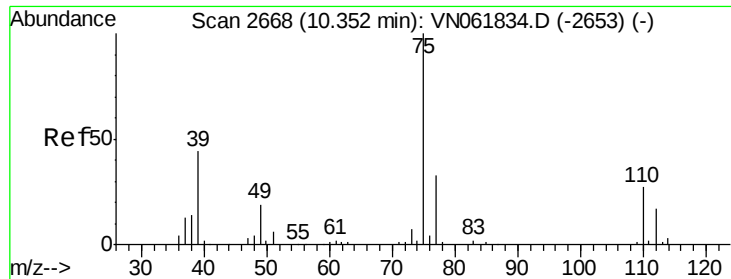
100000

50000

0

Time-->





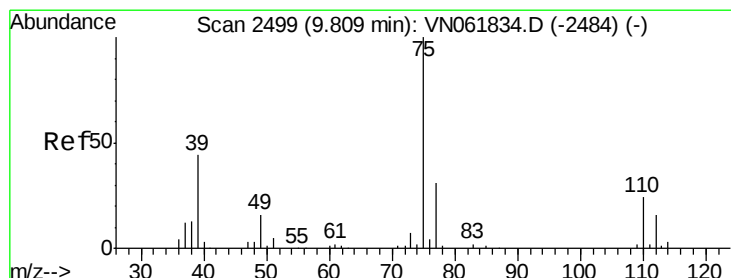
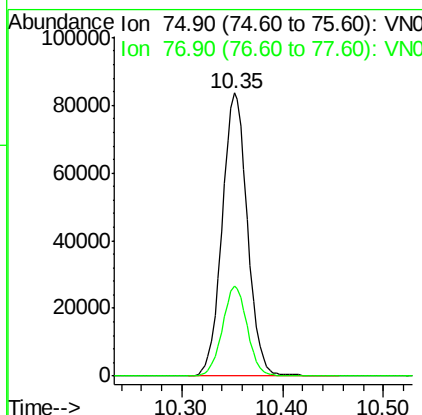
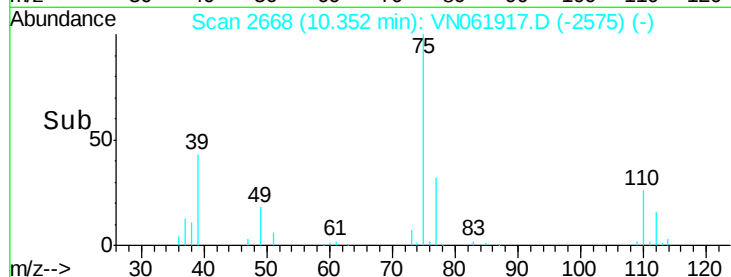
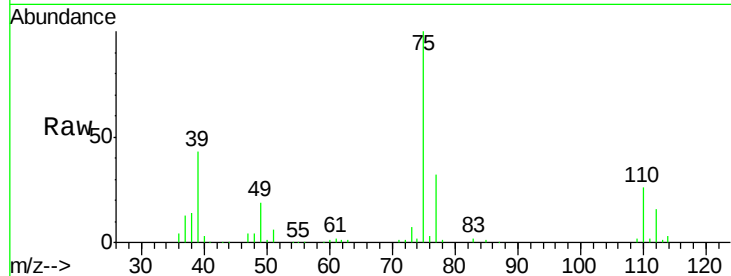
#53
t-1,3-Dichloropropene
Concen: 53.323 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 146564
Ion Ratio Lower Upper
75 100
77 31.8 26.3 39.5

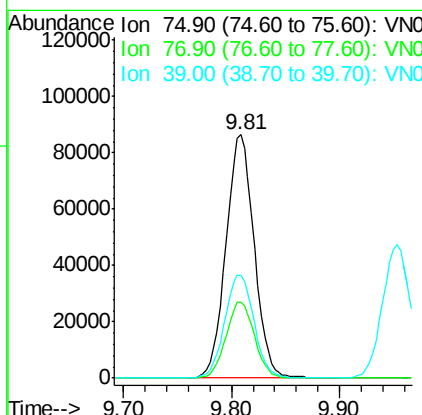
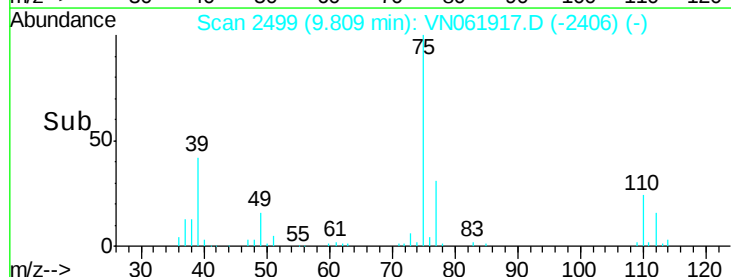
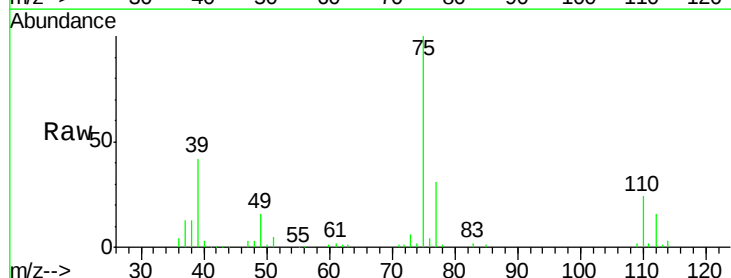
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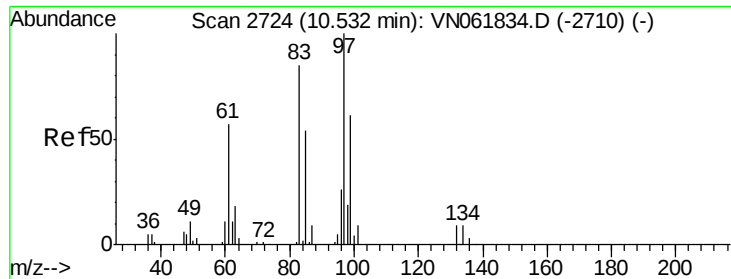
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#54
cis-1,3-Dichloropropene
Concen: 52.739 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 75 Resp: 157448
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 42.3 35.4 53.0





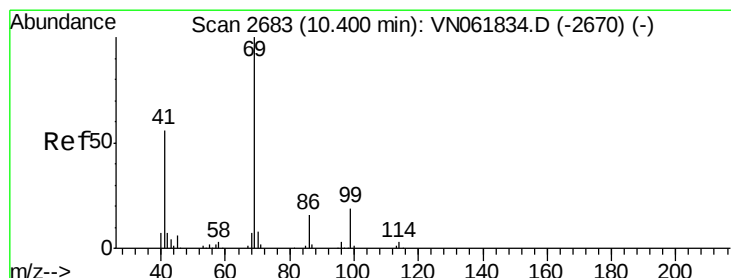
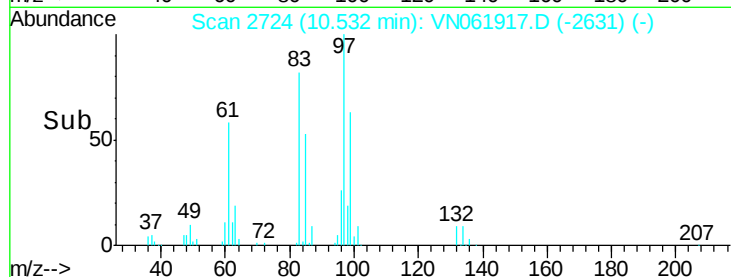
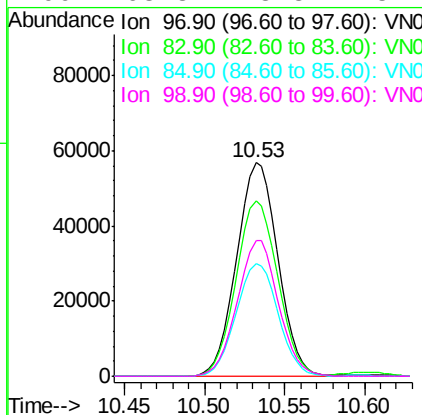
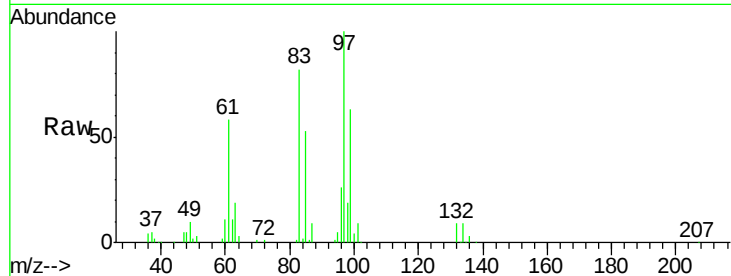
#55
 1,1,2-Trichloroethane
 Concen: 55.375 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	99977
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.7	101.5
85	52.5	43.4	65.0
99	63.3	48.8	73.2

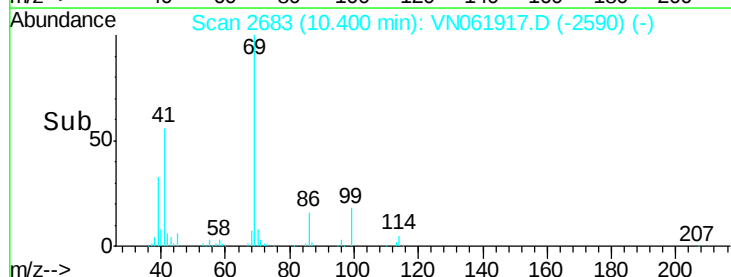
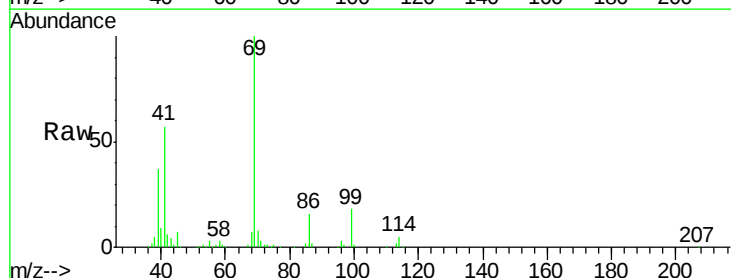
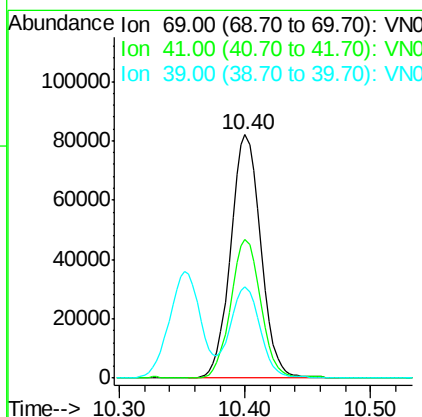
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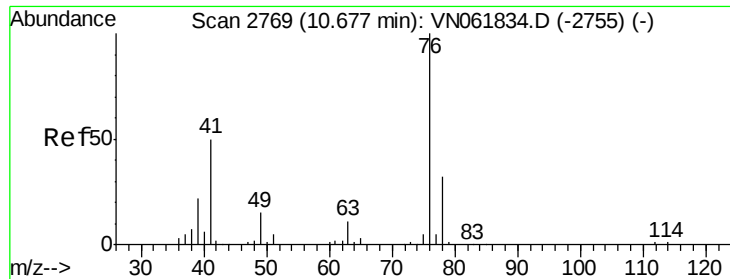
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#56
 Ethyl methacrylate
 Concen: 49.753 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion:	69	Resp:	137168
Ion	Ratio	Lower	Upper
69	100		
41	56.0	44.9	67.3
39	37.5	30.0	45.0





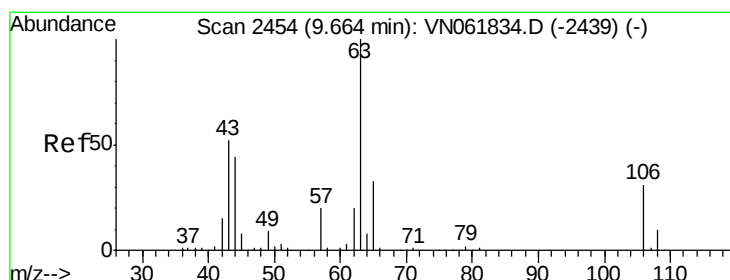
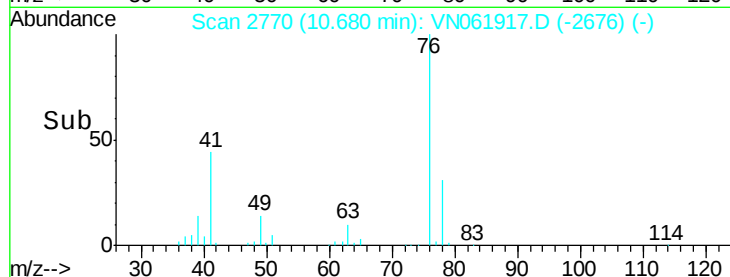
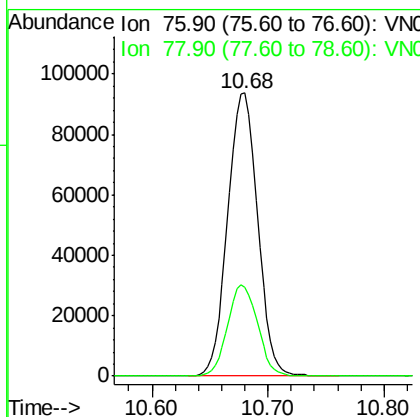
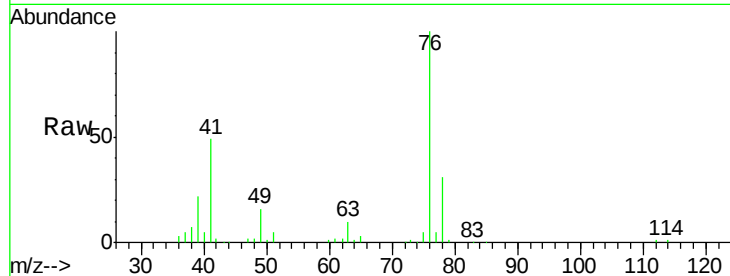
#57
 1,3-Dichloropropane
 Concen: 54.690 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 167280
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

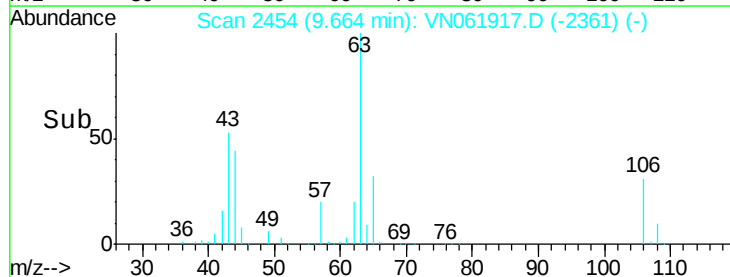
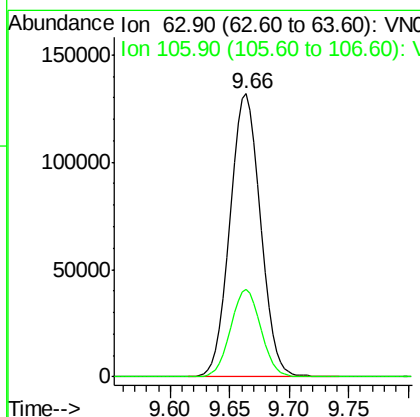
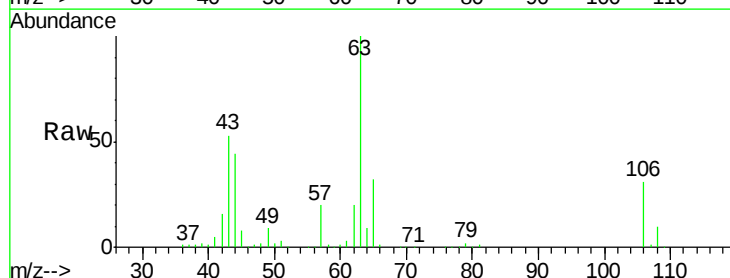
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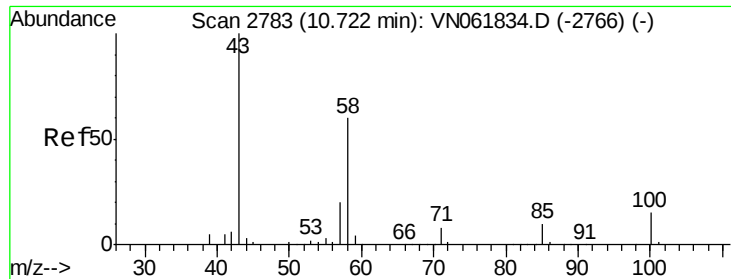
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#58
 2-Chloroethyl Vinyl ether
 Concen: 247.081 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion: 63 Resp: 235434
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.6 36.8





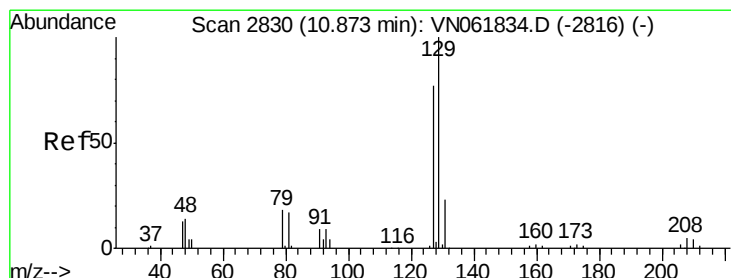
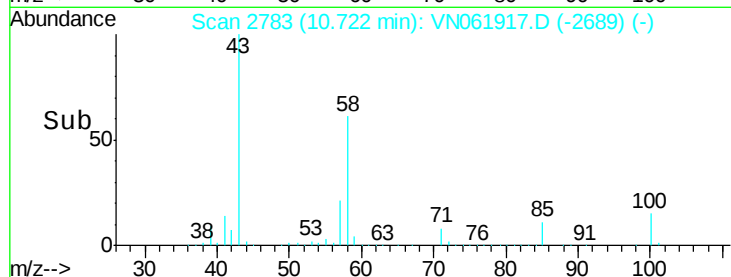
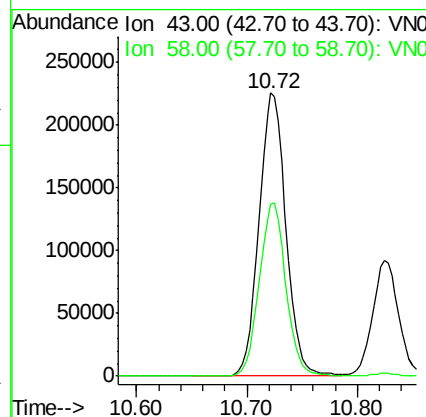
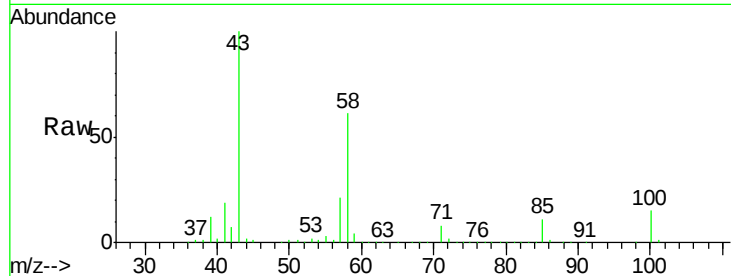
#59
2-Hexanone
Concen: 254.057 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	43	58	Ratio	Lower	Upper
381073	100	60.8		30.1	90.5

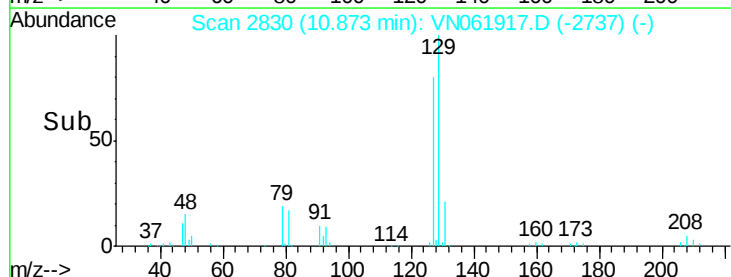
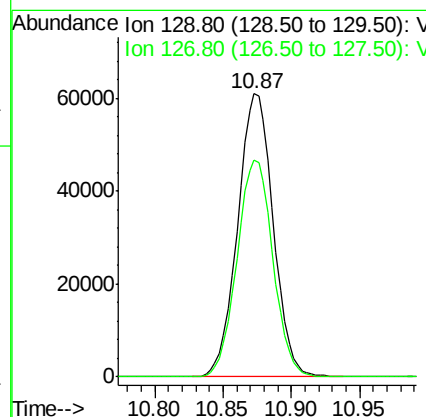
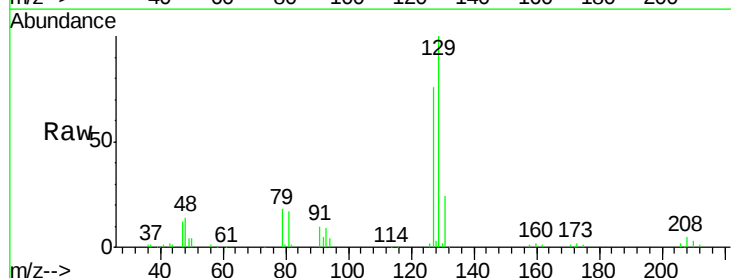
Manual Integrations
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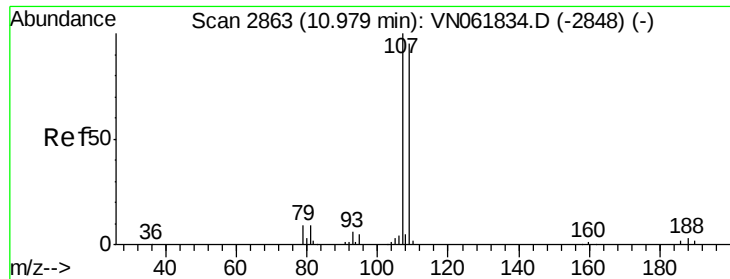
MMDadoda
6/19/2020 1:02:27 PM



#60
Dibromochloromethane
Concen: 54.642 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	129	127	Ratio	Lower	Upper
110083	100	77.4		38.5	115.5





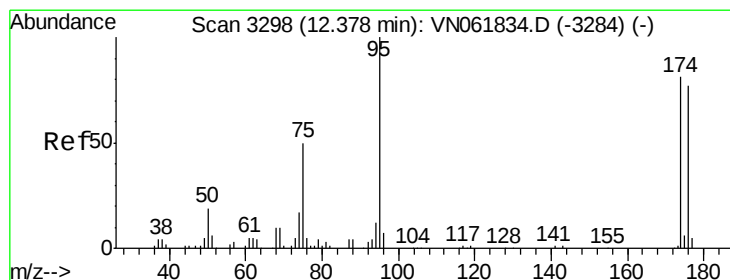
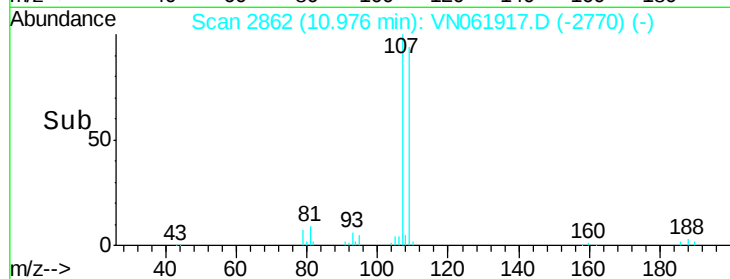
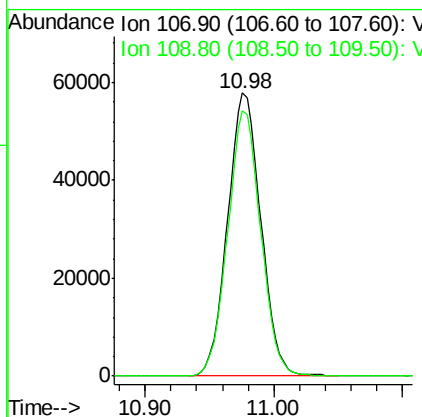
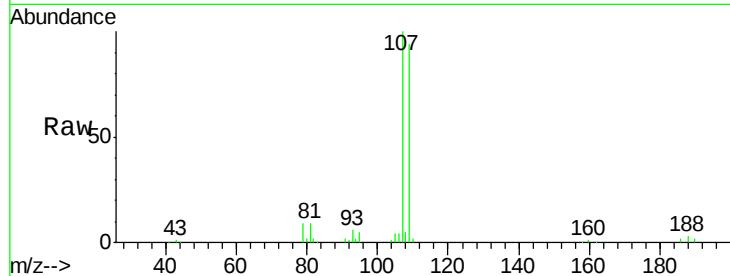
#61
 1,2-Dibromoethane
 Concen: 54.939 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 103574
 Ion Ratio Lower Upper
 107 100
 109 93.3 75.0 112.6

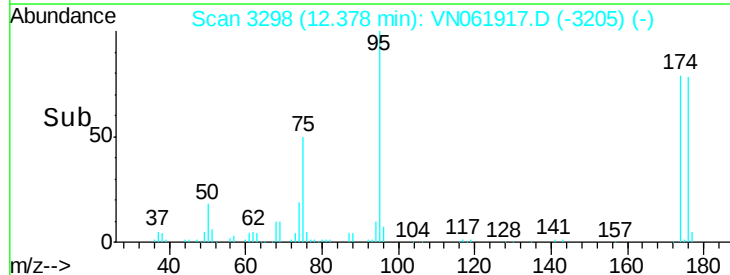
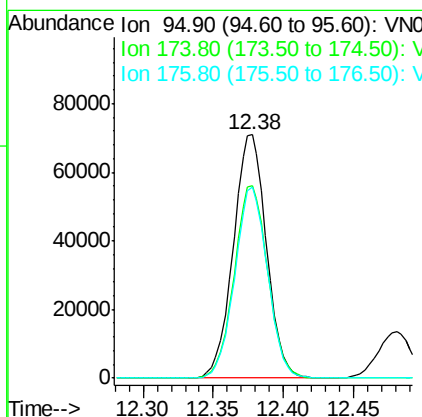
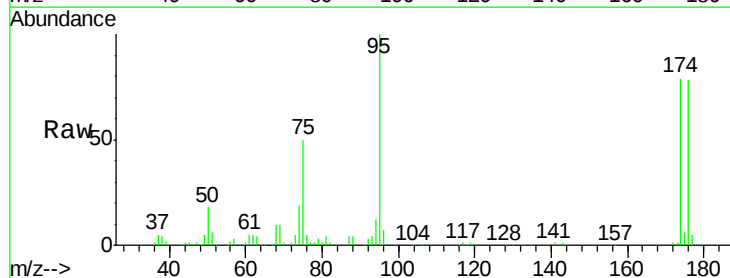
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 51.220 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion: 95 Resp: 116855
 Ion Ratio Lower Upper
 95 100
 174 79.8 0.0 158.6
 176 77.4 0.0 152.0





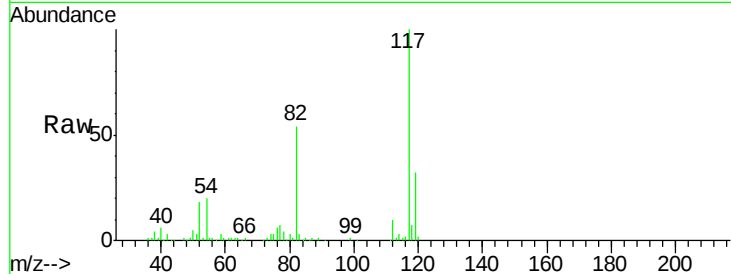
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	248608		
82	54.4	42.6	64.0	
119	31.8	24.7	37.1	

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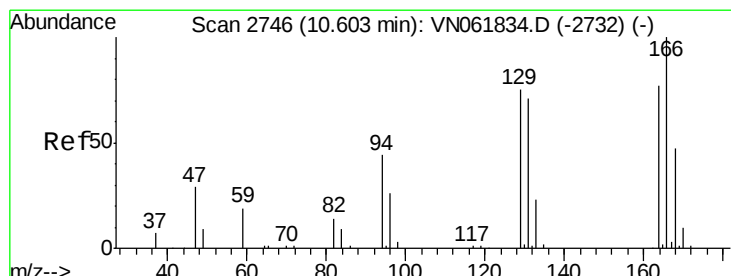
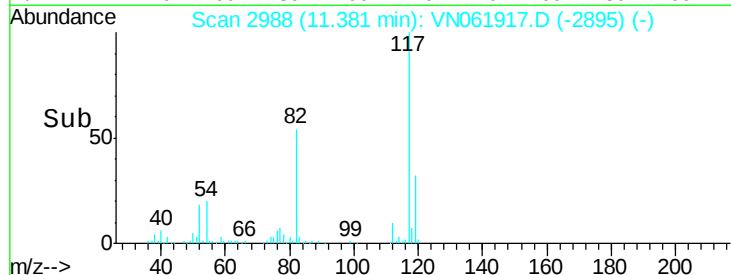
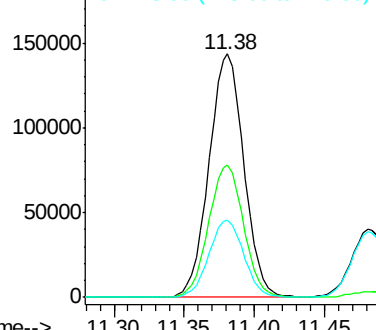


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.166 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	79491		
166	130.5	103.5	155.3	
129	97.1	77.5	116.3	
131	93.3	73.8	110.8	

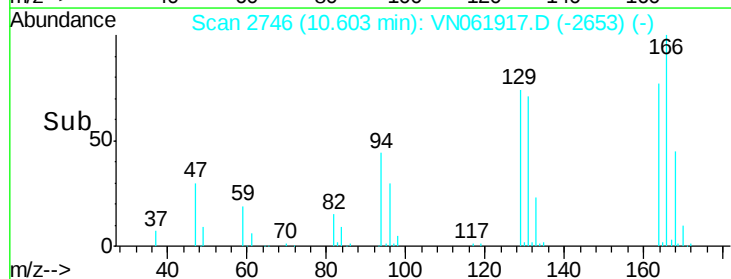
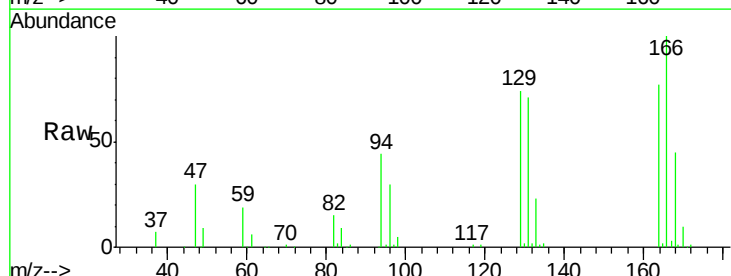
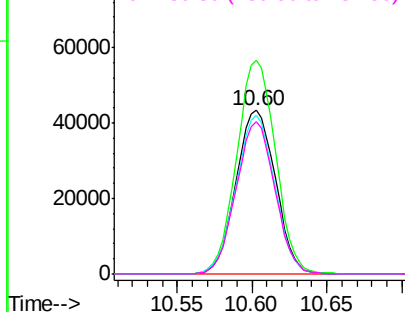
Abundance

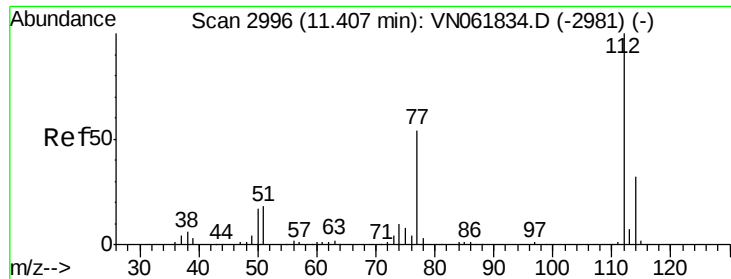
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





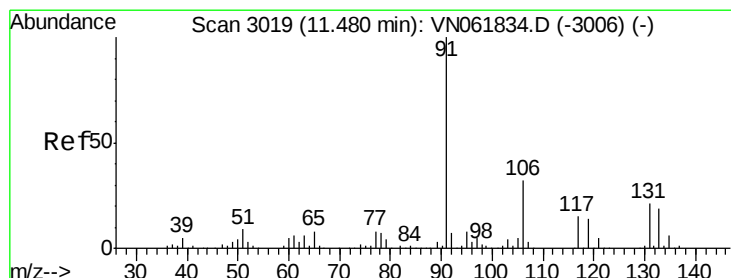
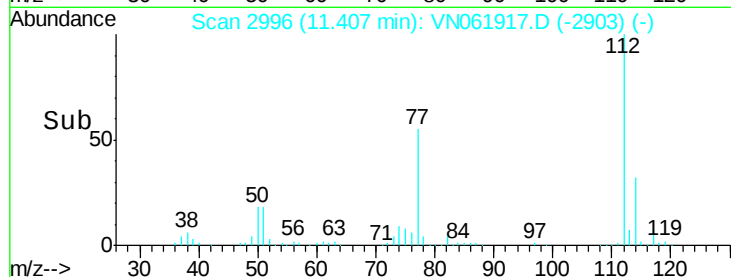
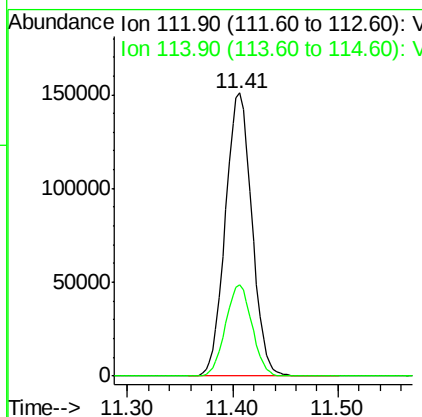
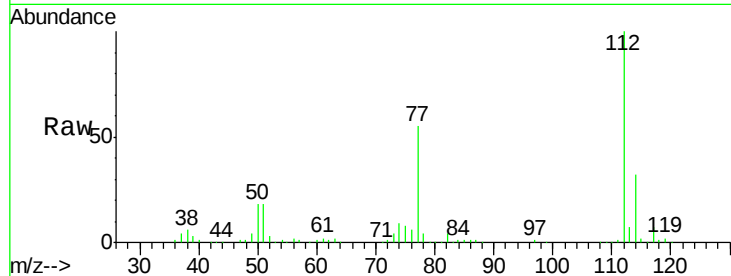
#65
Chlorobenzene
Concen: 50.094 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 262787
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6

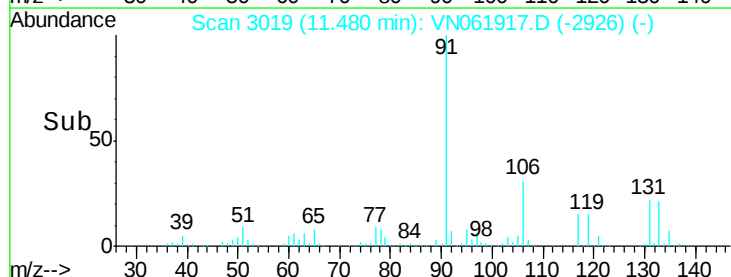
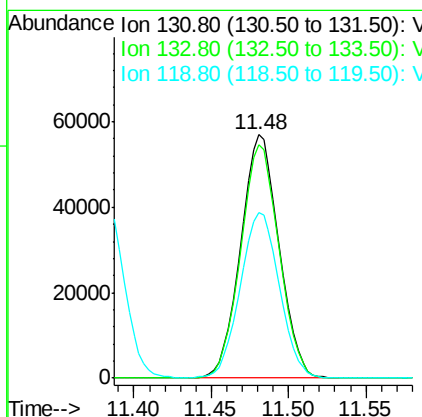
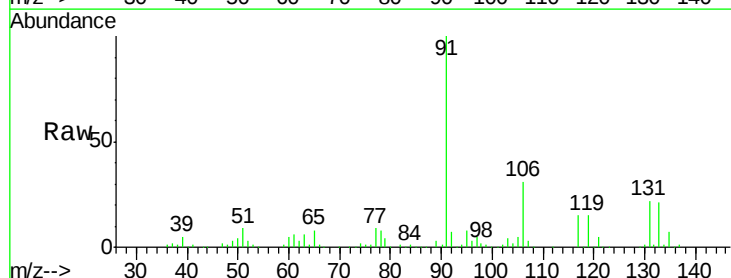
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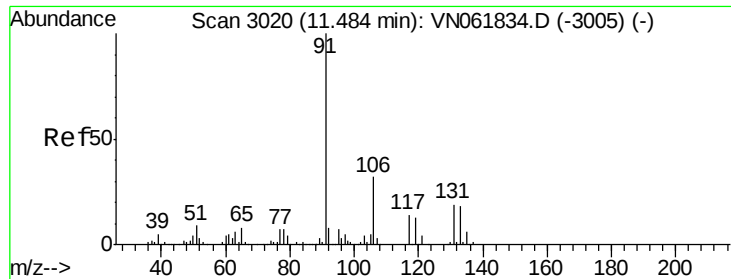
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.652 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion:131 Resp: 98159
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 69.5 34.0 101.8





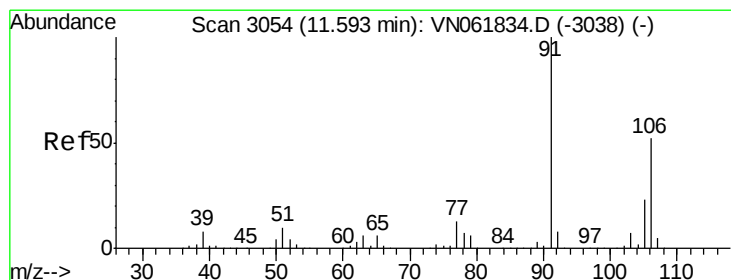
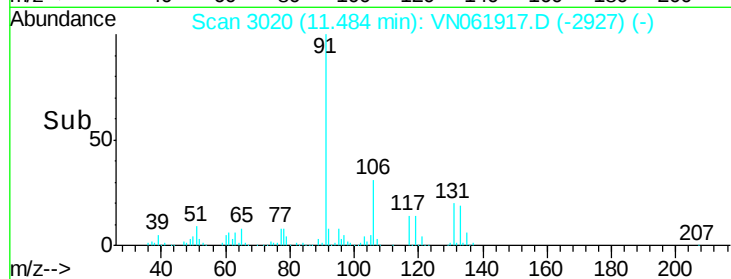
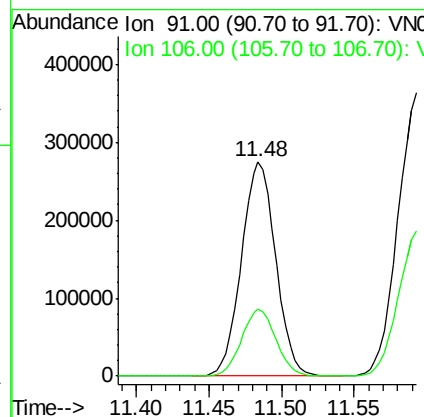
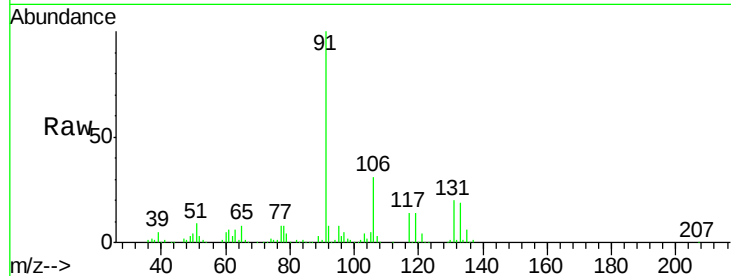
#67
Ethyl Benzene
Concen: 51.479 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 452781
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.2

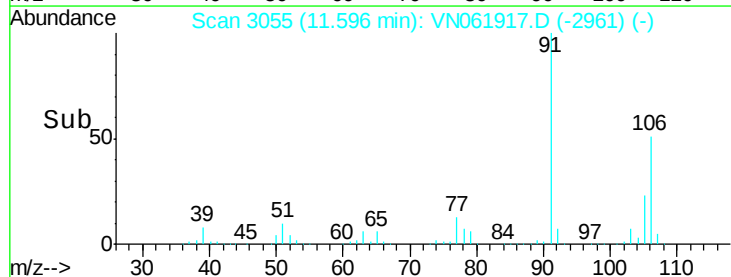
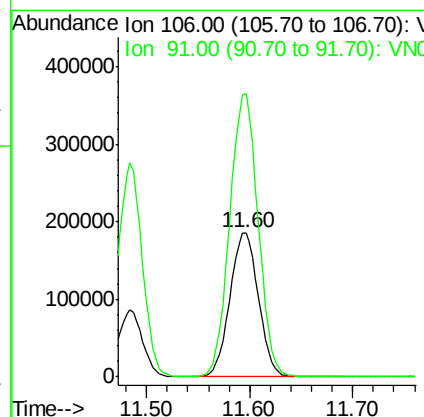
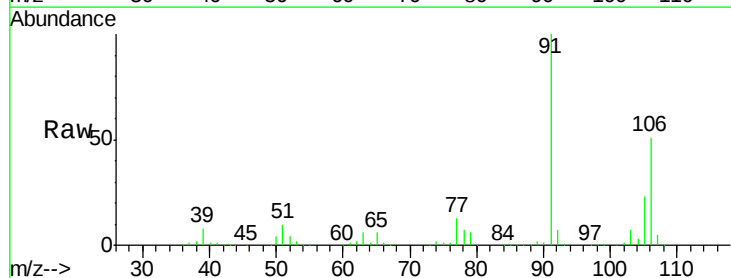
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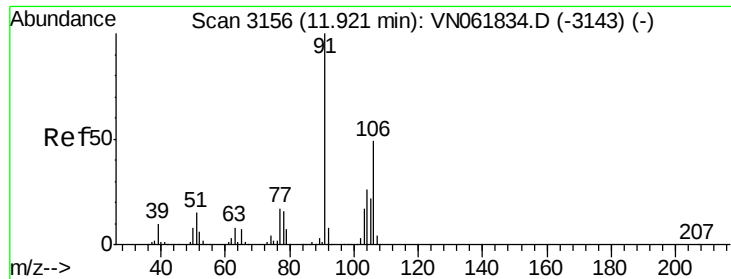
MMDadoda
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#68
m/p-Xylenes
Concen: 105.407 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion: 106 Resp: 357488
Ion Ratio Lower Upper
106 100
91 196.2 157.0 235.6





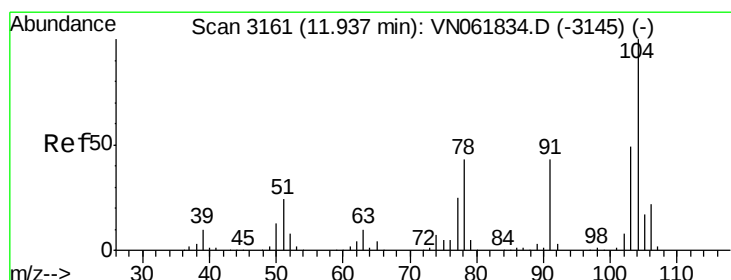
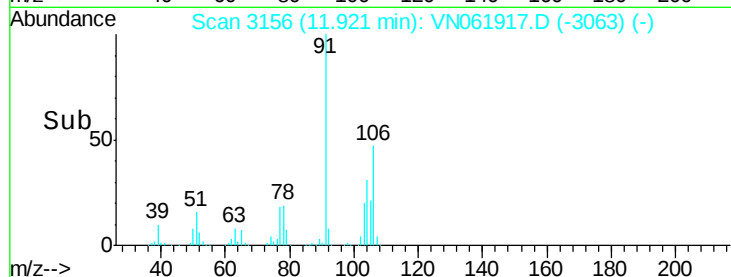
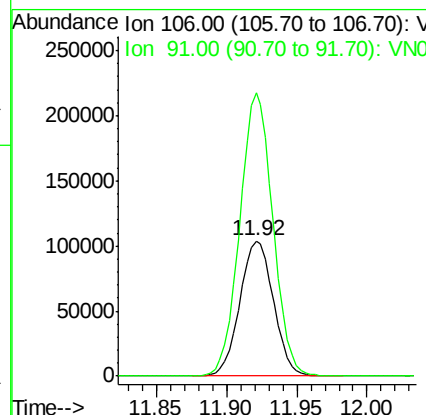
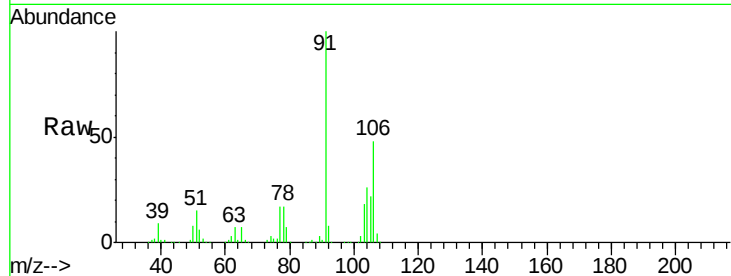
#69
o-Xylene
Concen: 53.763 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	205.4	103.0	308.9	

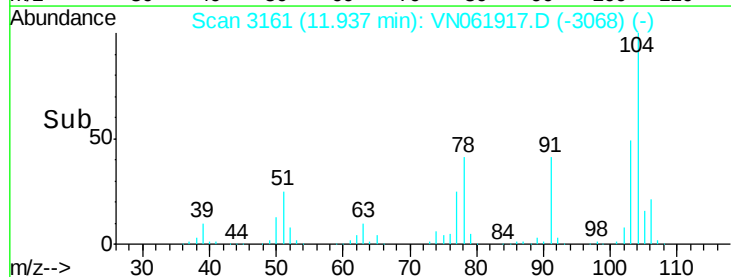
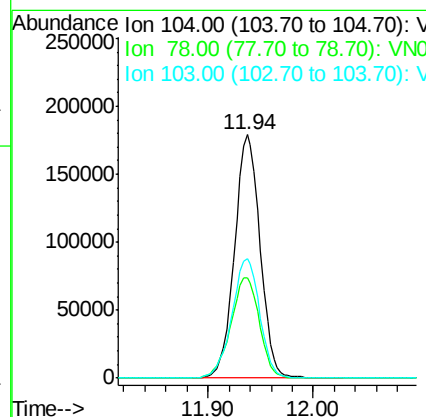
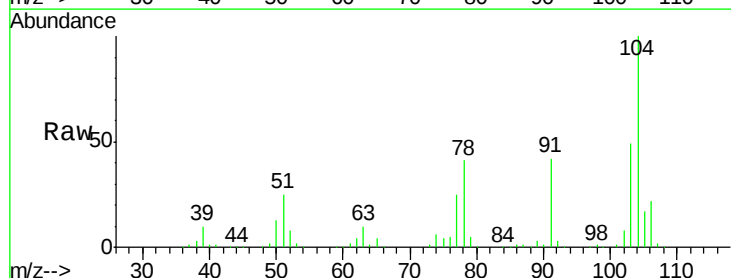
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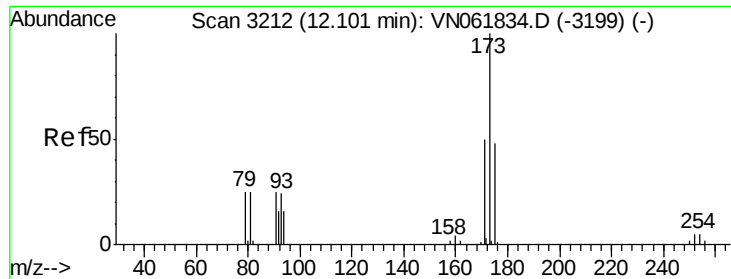
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#70
Styrene
Concen: 55.267 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	46.4	37.6	56.4	
103	53.5	43.0	64.4	





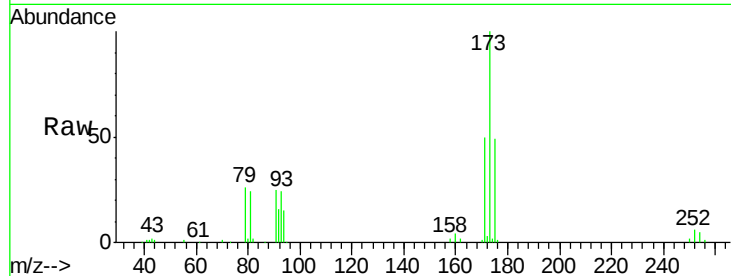
#71
Bromoform
Concen: 56.364 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

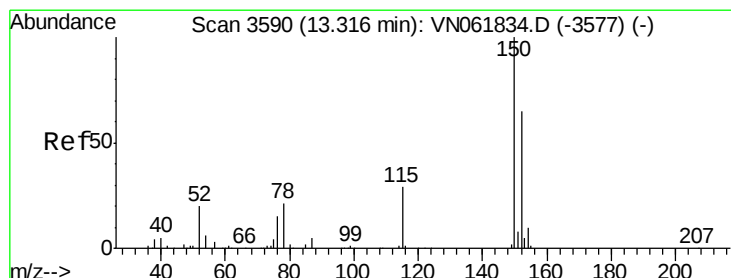
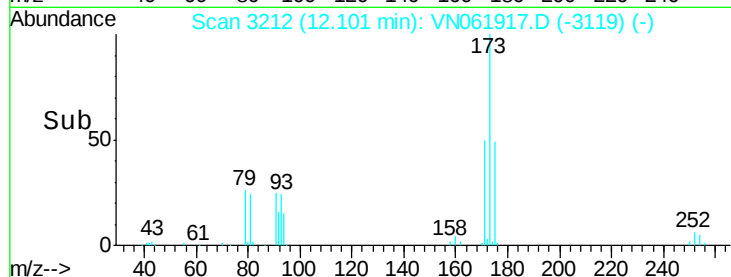
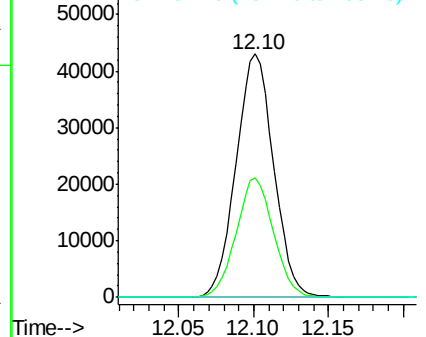
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.9	71.7
254	0.0	0.0	0.0

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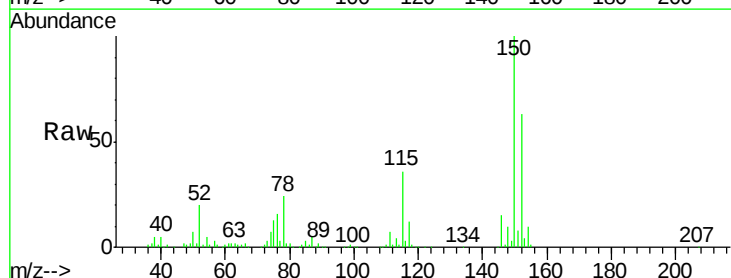


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

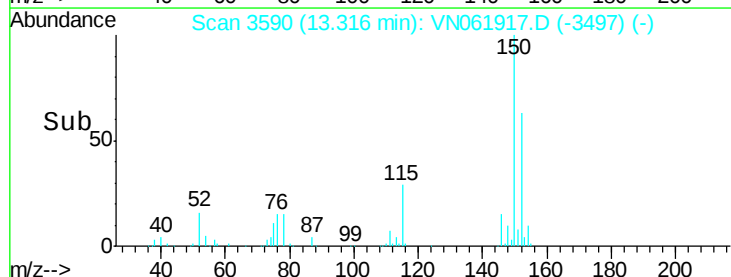
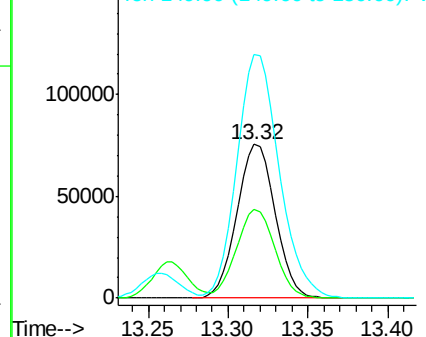


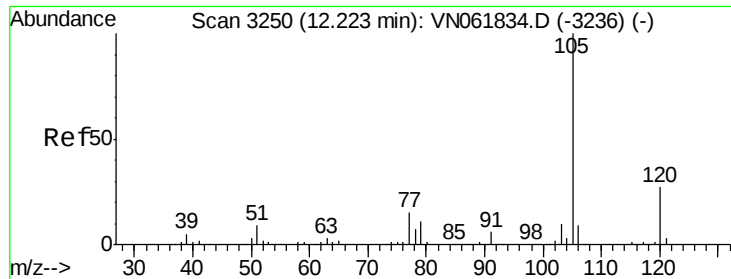
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.1	87.3
150	176.1	0.0	347.6



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: 50.452 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 440465

Ion Ratio Lower Upper

105 100

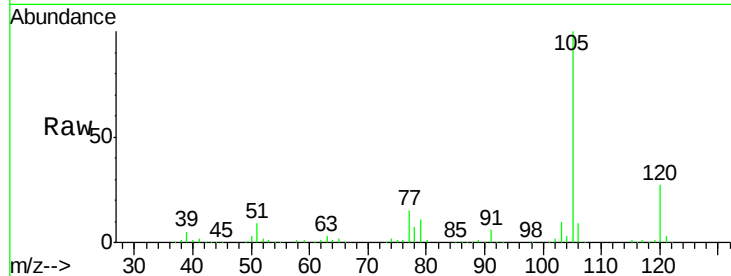
120 26.9 13.3 39.8

Manual Integrations

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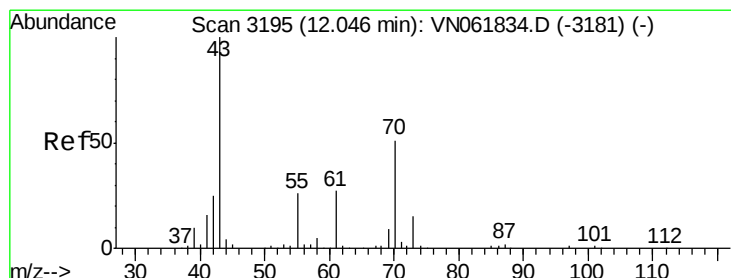
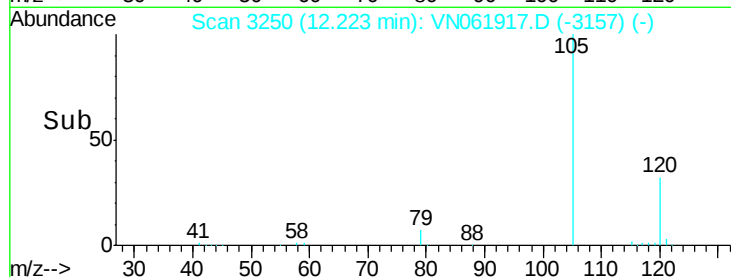
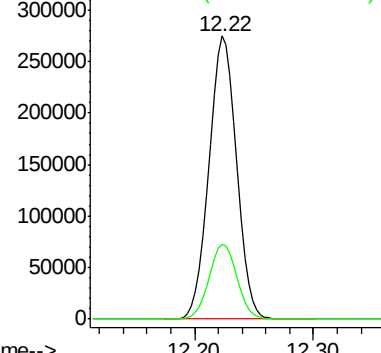
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.670 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Tgt Ion: 43 Resp: 153604

Ion Ratio Lower Upper

43 100

70 52.4 40.6 60.8

55 27.8 21.5 32.3

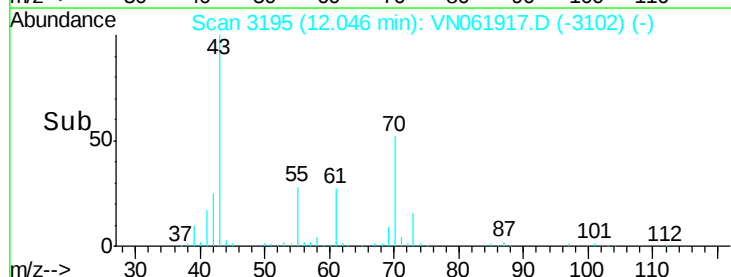
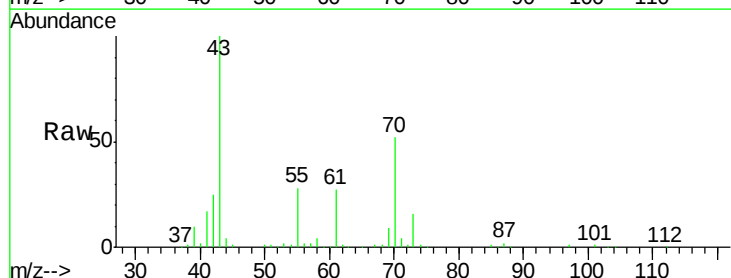
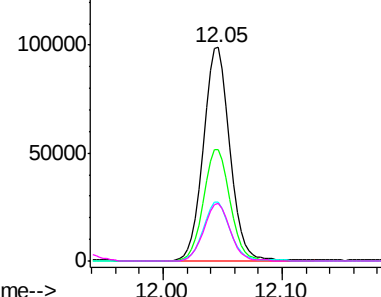
61 26.8 21.6 32.4

Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 52.076 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

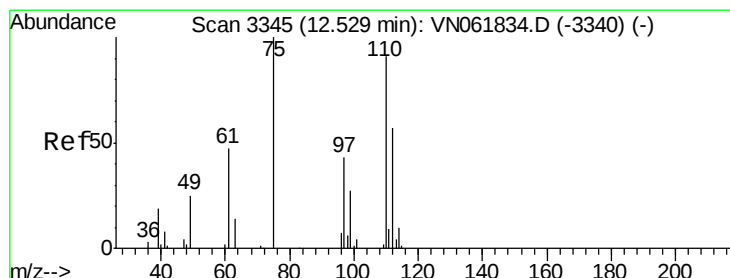
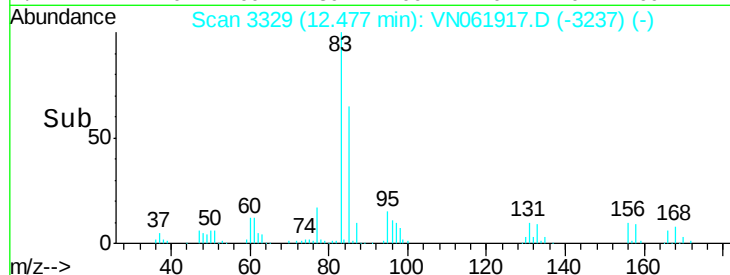
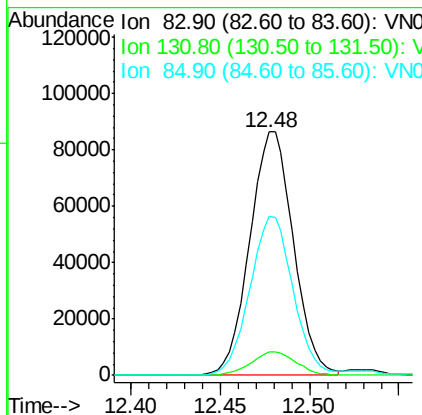
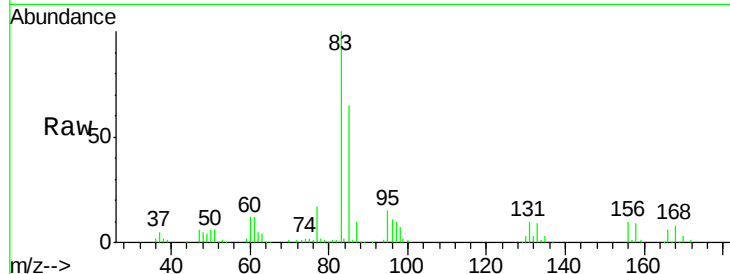
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	147817
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	15.0
85	64.9	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.966 ug/l m

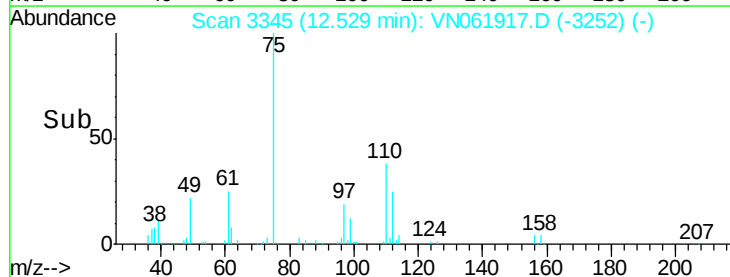
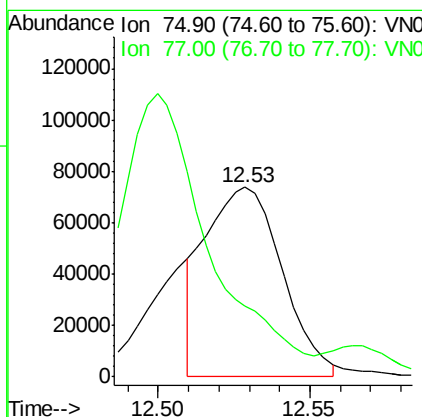
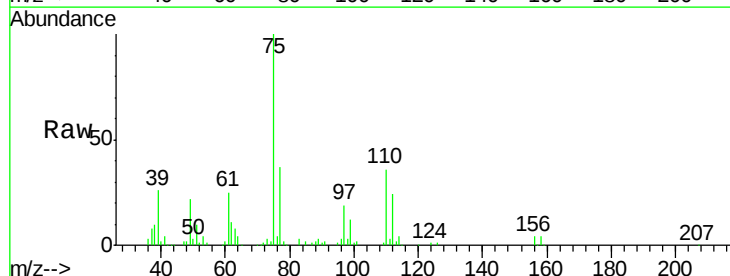
RT: 12.53 min Scan# 3345

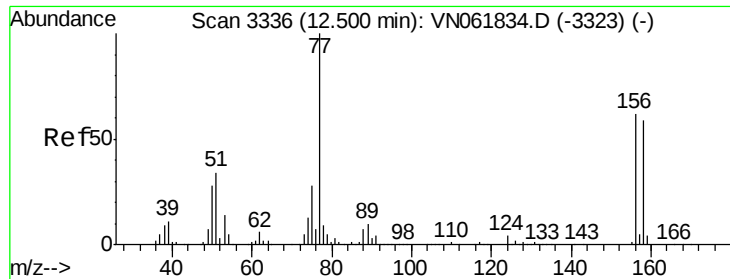
Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Tgt Ion:	75	Resp:	130166
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.922 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

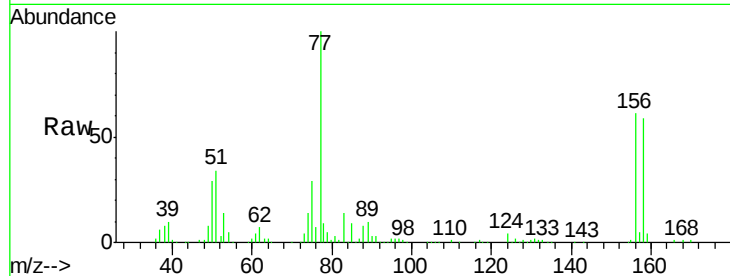
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	114361
Ion Ratio	Lower	Upper	
156	100		
77	199.1	100.7	302.1
158	96.3	48.5	145.5

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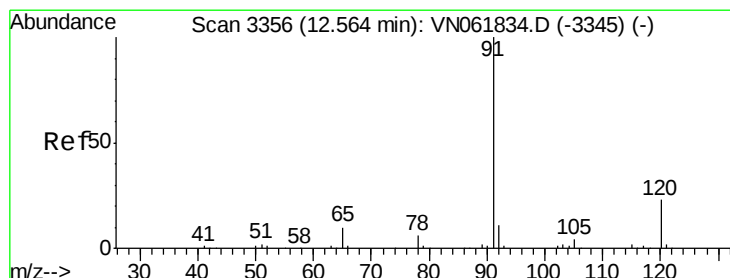
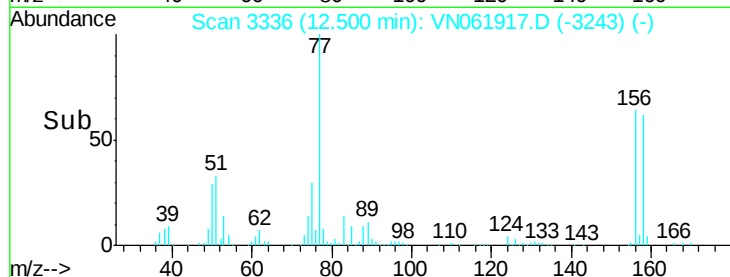
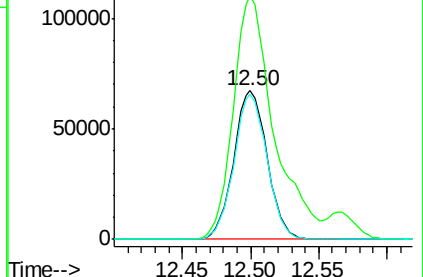
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.928 ug/l

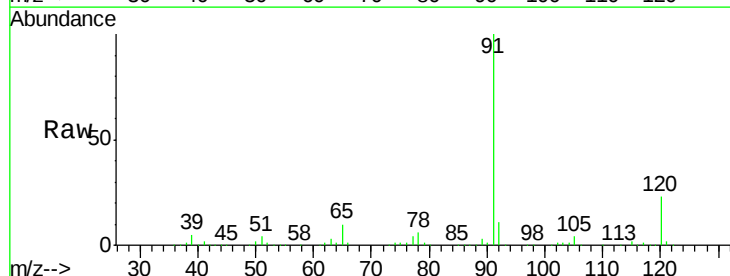
RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061917.D

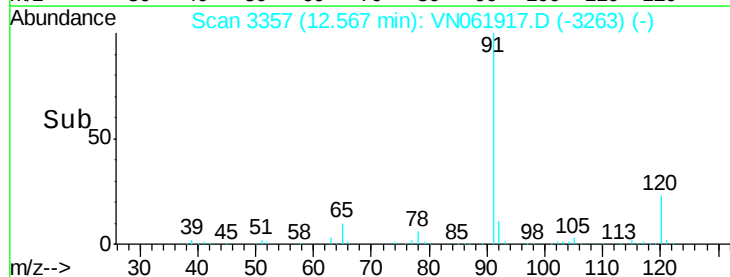
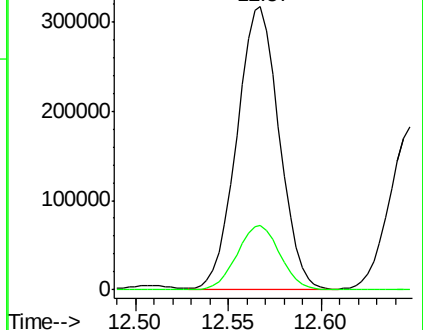
Acq: 18 Jun 2020 22:52

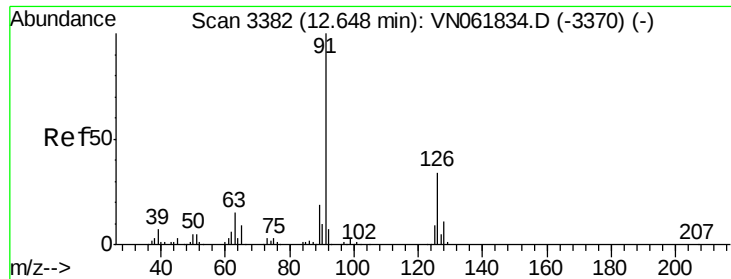
Tgt Ion:	91	Resp:	497369
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.8



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





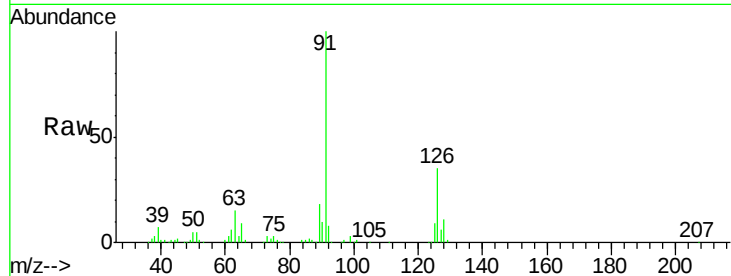
#79
 2-Chlorotoluene
 Concen: 50.380 ug/l
 RT: 12.65 min Scan# 3383
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

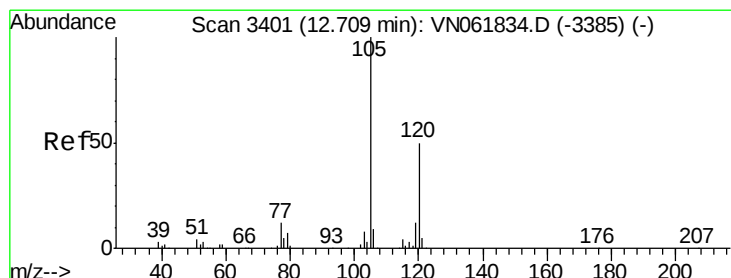
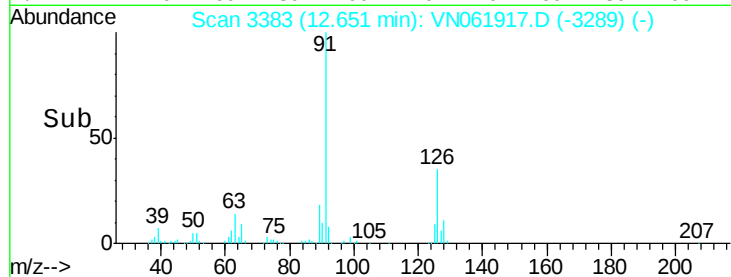
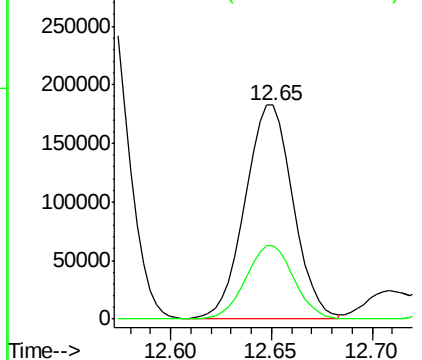
Tot Ion: 91 Resp: 301425
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.3 51.7

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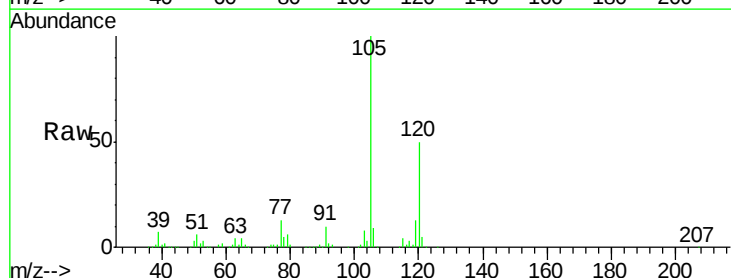


Abundance Ion 91.00 (90.70 to 91.70): VN061917.D (-3382) (-)
 Ion 125.90 (125.60 to 126.60): VN061917.D (-3382) (-)

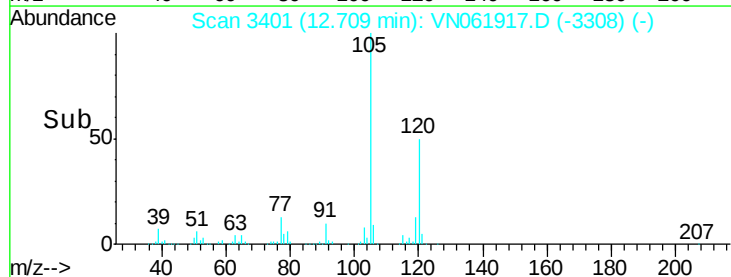
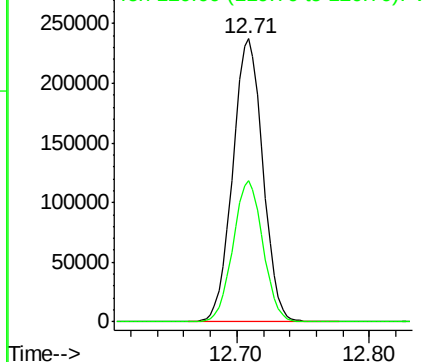


#80
 1,3,5-Trimethylbenzene
 Concen: 51.647 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion: 105 Resp: 373037
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.9 74.7



Abundance Ion 105.00 (104.70 to 105.70): VN061917.D (-3401) (-)
 Ion 120.00 (119.70 to 120.70): VN061917.D (-3401) (-)





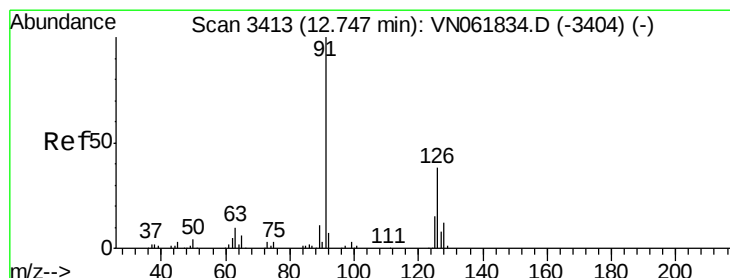
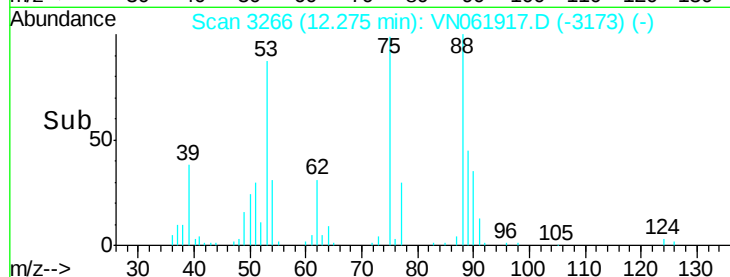
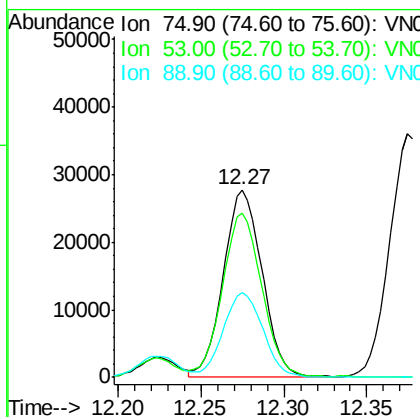
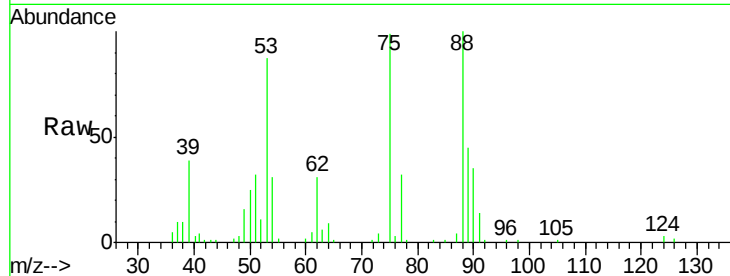
#81
trans-1,4-Dichloro-2-butene
Concen: 51.162 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.8	70.4	105.6
89	46.1	36.0	54.0

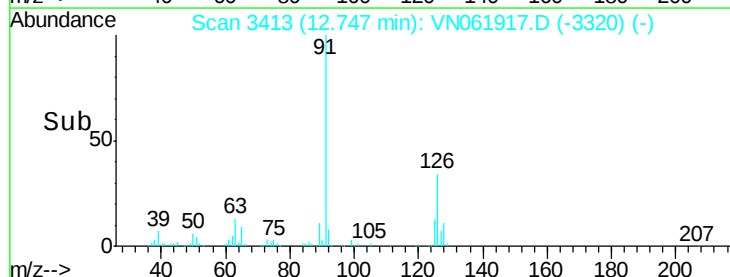
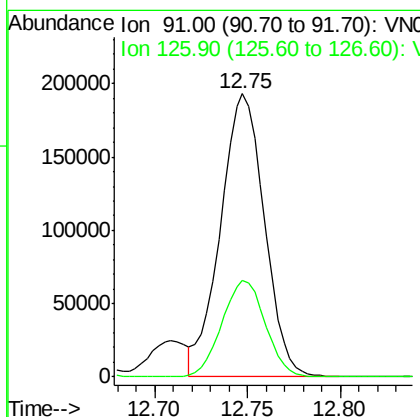
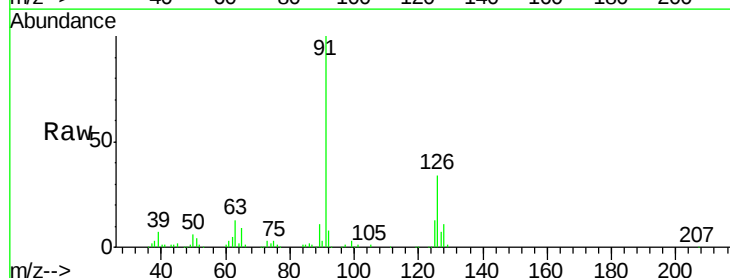
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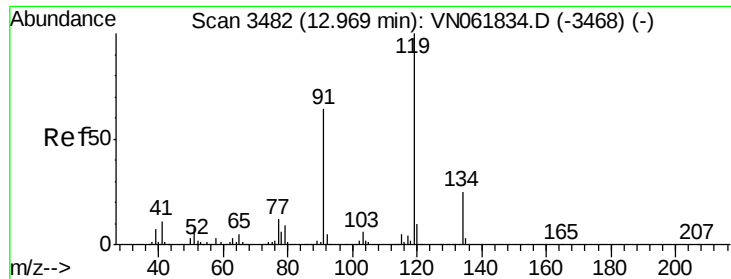
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#82
4-Chlorotoluene
Concen: 50.932 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.2	51.6





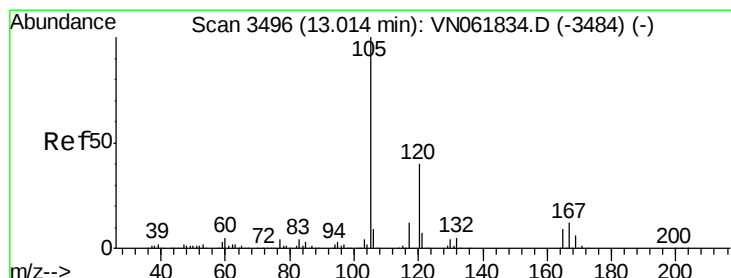
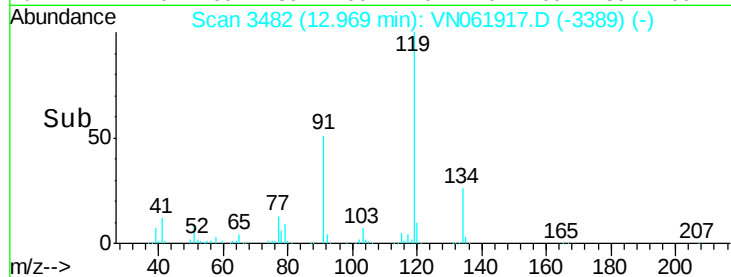
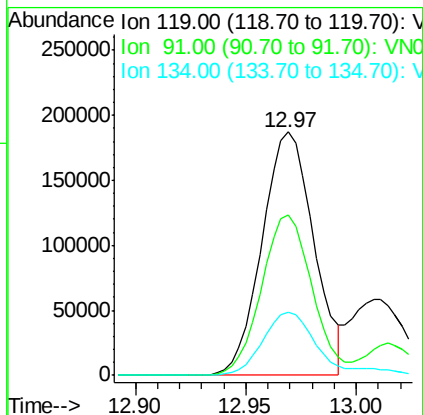
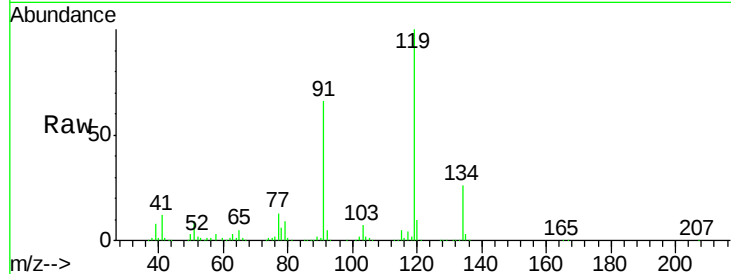
#83
 tert-Butylbenzene
 Concen: 49.722 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	304462		
91	64.7		31.5	94.5
134	26.0		13.3	39.9

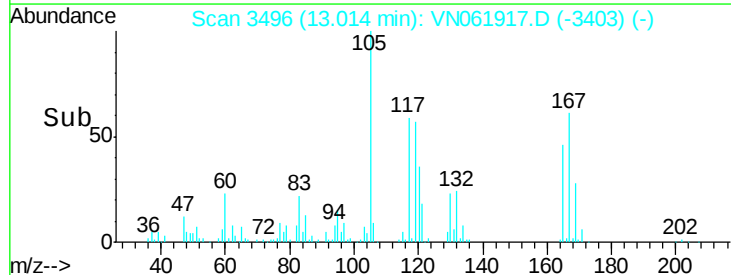
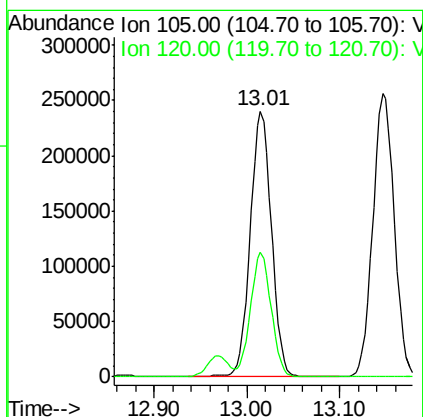
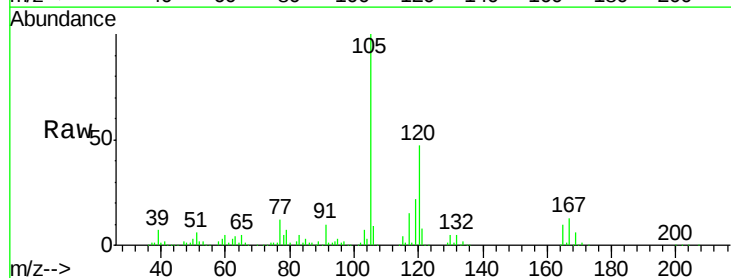
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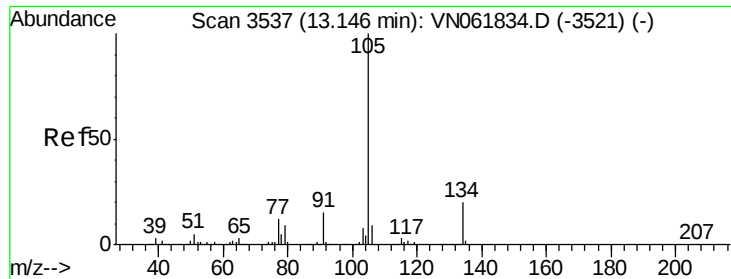
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#84
 1,2,4-Trimethylbenzene
 Concen: 53.569 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	381942		
120	45.9		23.3	69.9





#85

sec-Butylbenzene

Concen: 51.157 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 410011

Ion Ratio Lower Upper

105 100

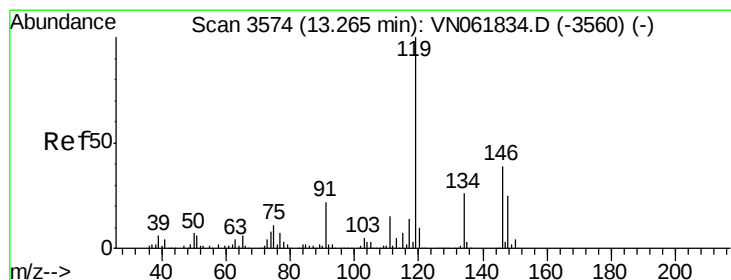
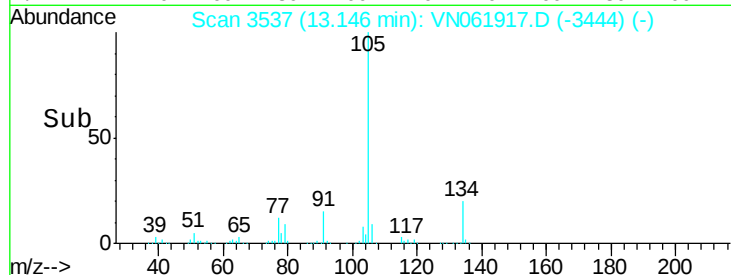
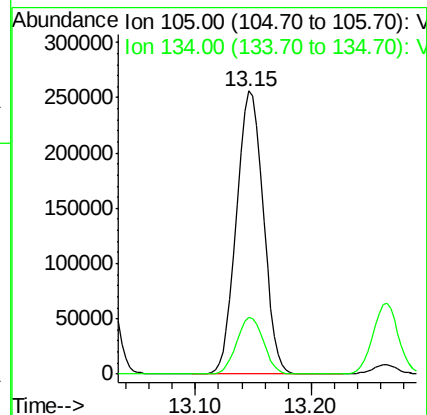
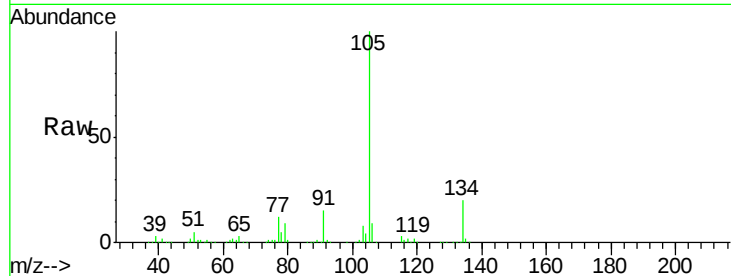
134 20.0 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 52.739 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

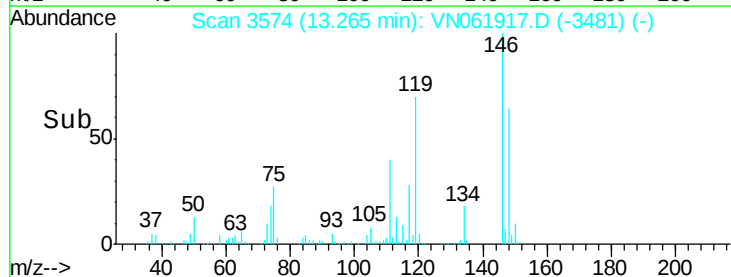
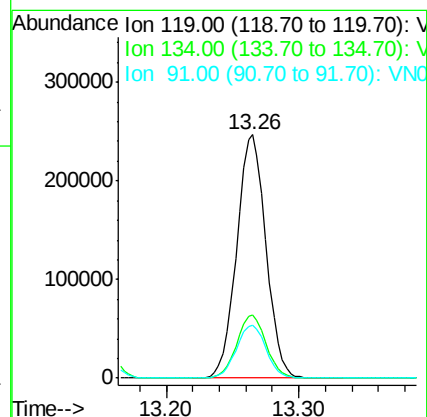
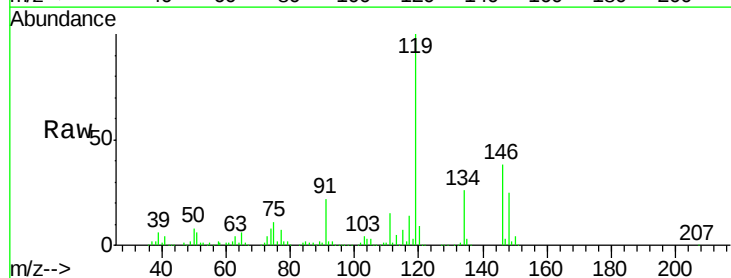
Tgt Ion:119 Resp: 376650

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 22.2 11.2 33.6





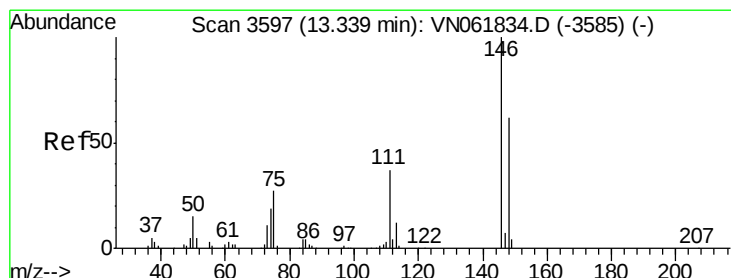
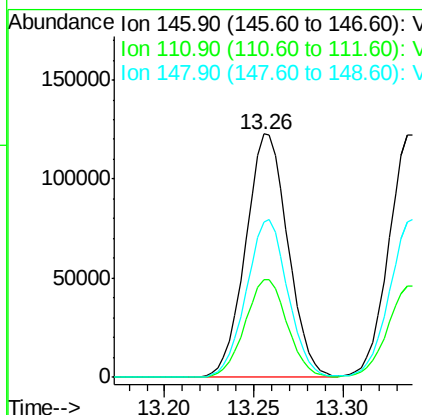
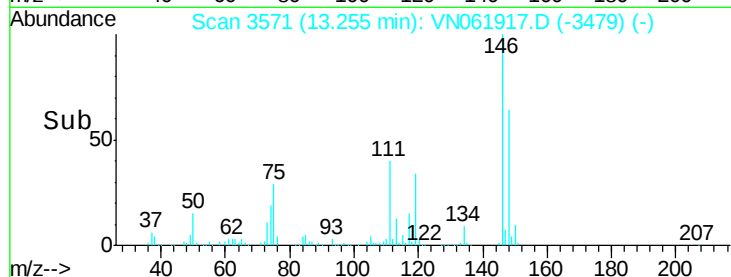
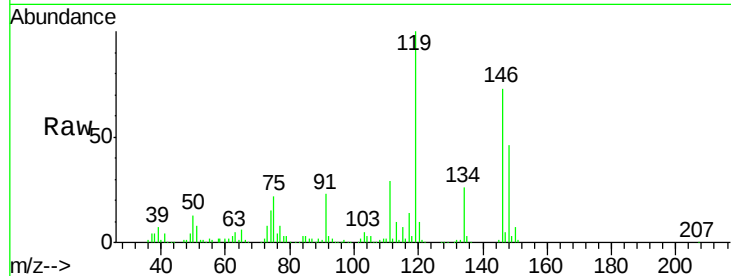
#87
 1,3-Dichlorobenzene
 Concen: 50.636 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.8
148	63.7	31.8	95.4

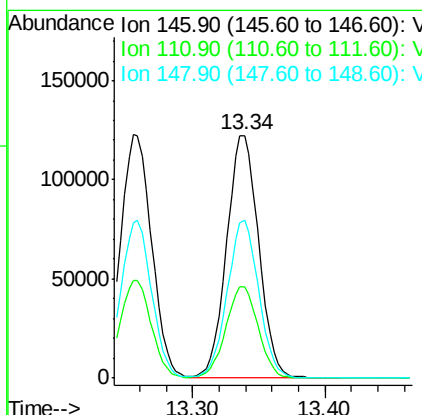
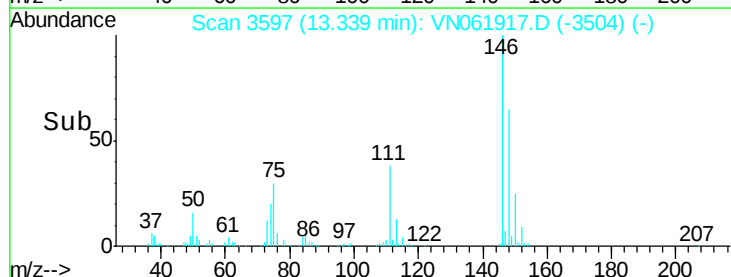
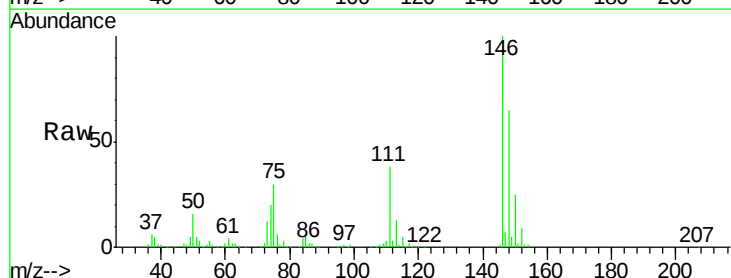
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 49.983 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.3	57.8
148	64.1	31.6	94.7





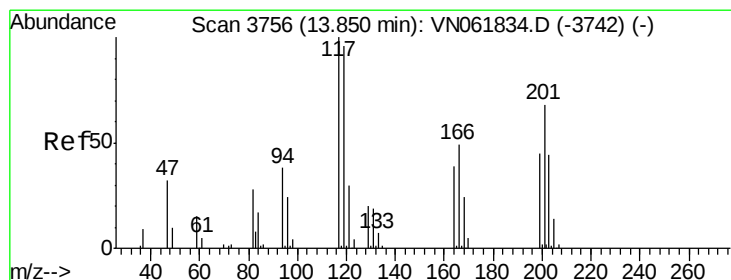
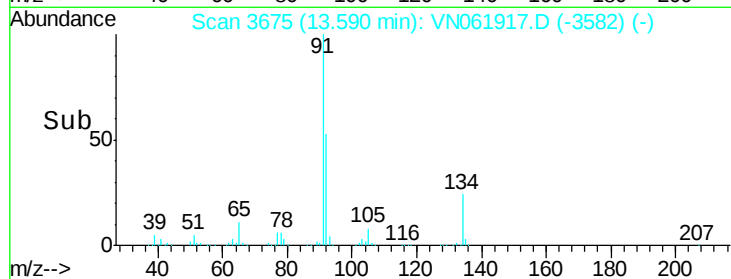
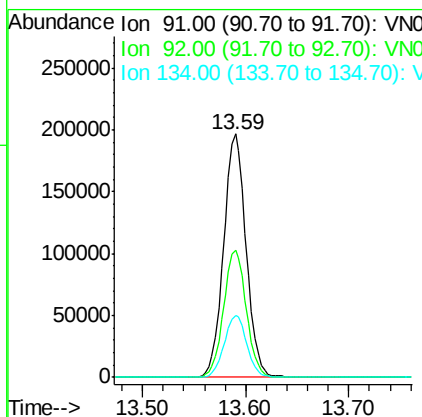
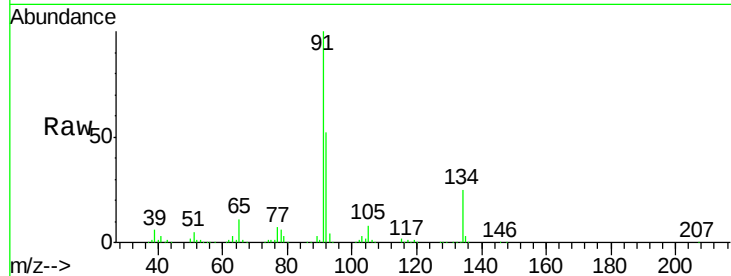
#89
n-Butylbenzene
Concen: 50.046 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		298495		
92	52.8	27.0	80.8		
134	25.5	13.0	39.0		

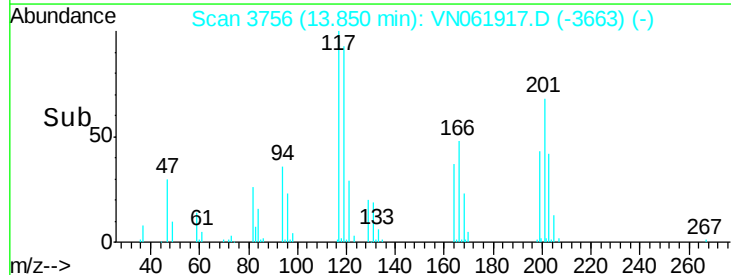
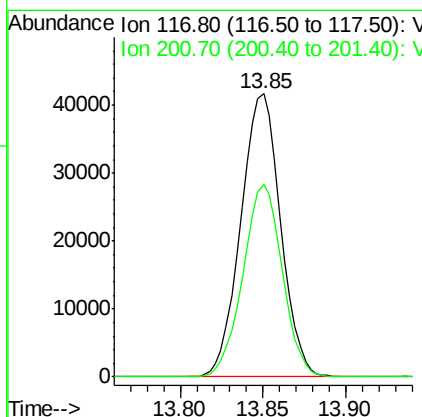
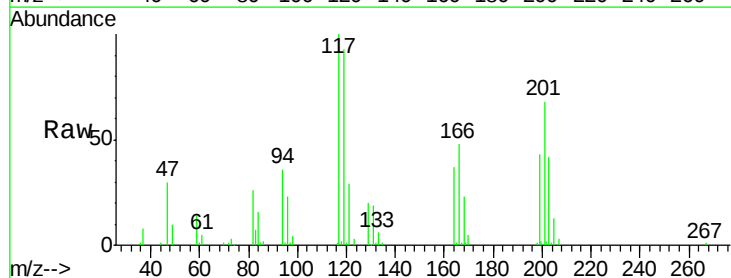
Manual Integrations
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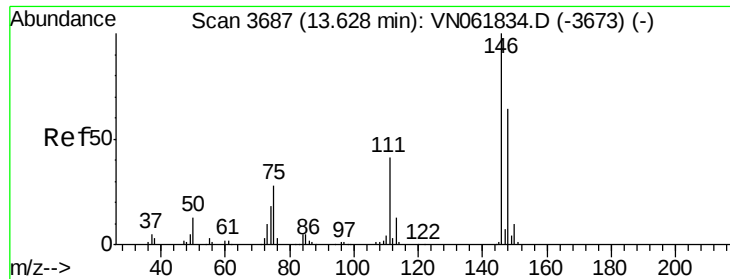
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#90
Hexachloroethane
Concen: 53.351 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		69747		
201	67.0	34.6	103.8		





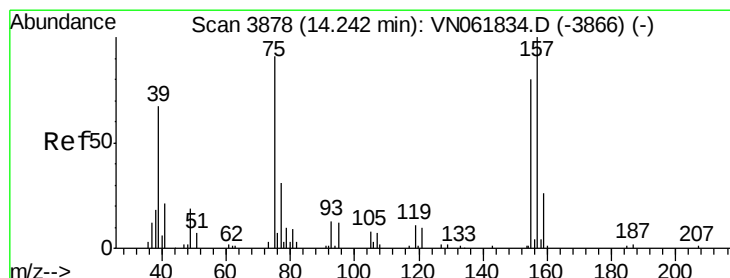
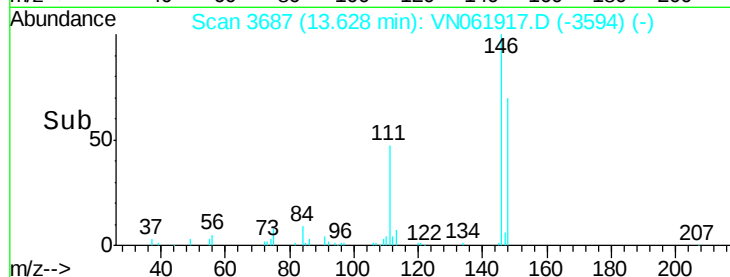
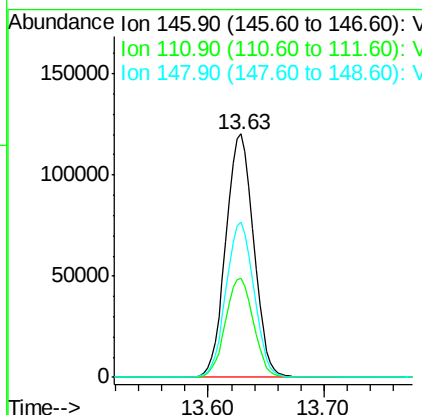
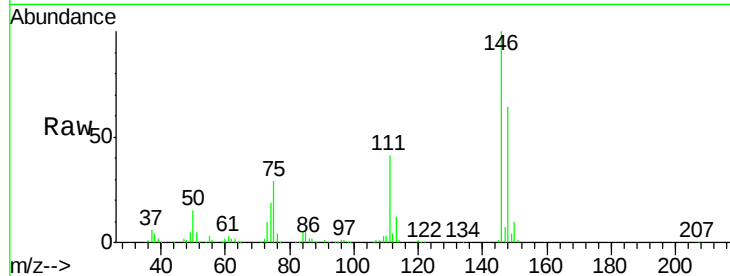
#91
 1,2-Dichlorobenzene
 Concen: 51.629 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	63.9	31.8	95.4

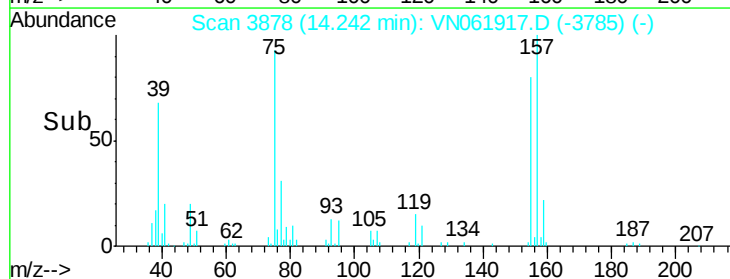
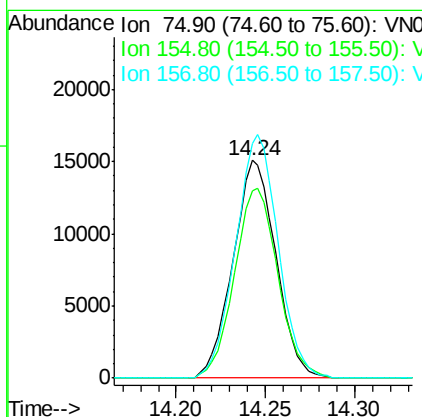
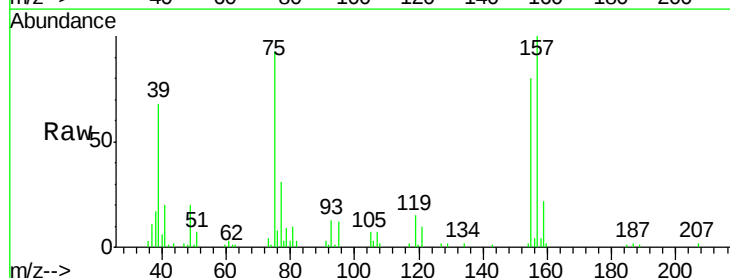
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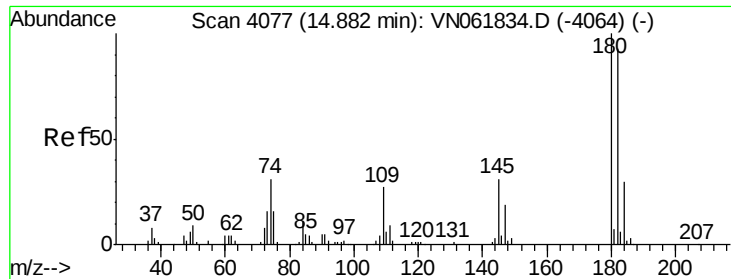
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.795 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061917.D
 Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	88.4	44.4	133.2
157	110.8	57.0	171.2





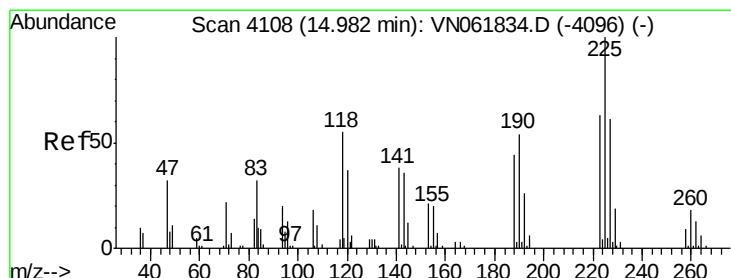
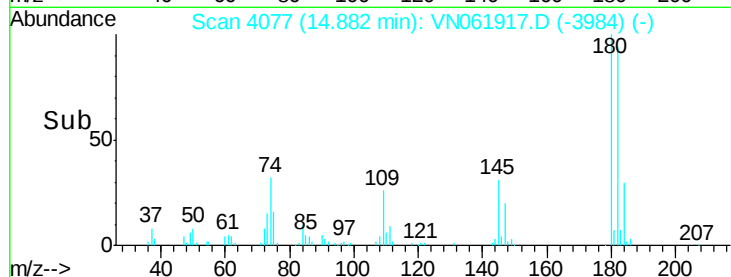
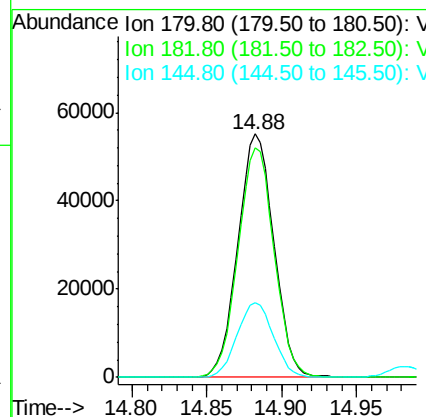
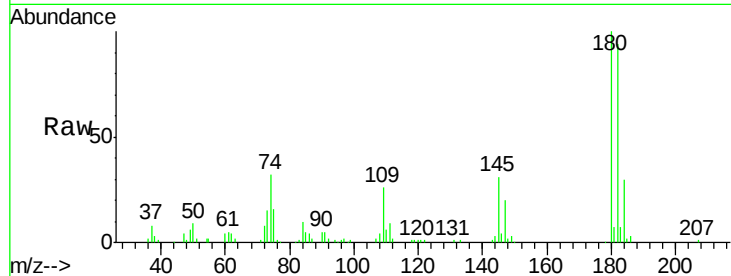
#93
1,2,4-Trichlorobenzene
Concen: 50.561 ug/l
RT: 14.88 min Scan# 4077
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.0	141.2
145	31.0	15.8	47.3

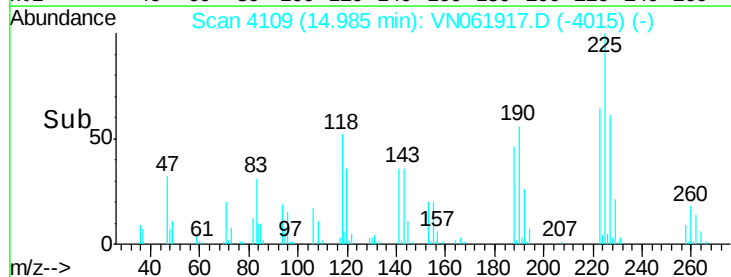
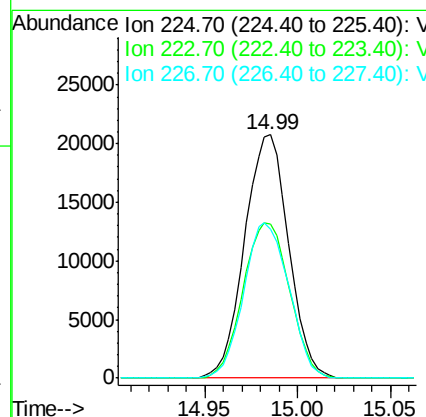
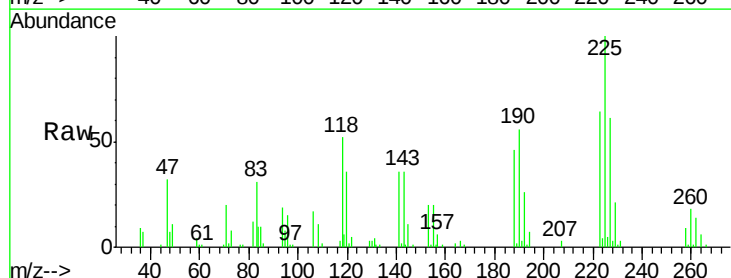
Manual Integrations
APPROVED

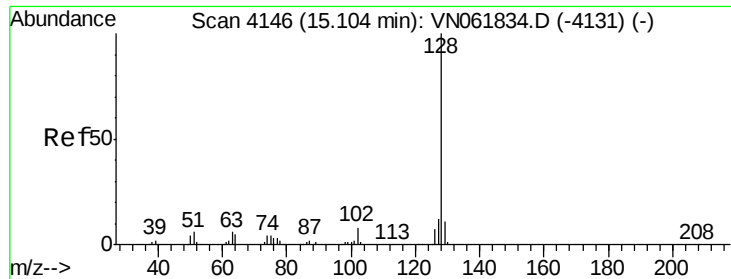
MMDadoda
6/19/2020 1:02:27 PM



#94
Hexachlorobutadiene
Concen: 47.539 ug/l
RT: 14.99 min Scan# 4109
Delta R.T. 0.00 min
Lab File: VN061917.D
Acq: 18 Jun 2020 22:52

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.7	31.7	95.1
227	65.5	30.1	90.3





#95

Naphthalene

Concen: 45.415 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Instrument :

MSVOA_N

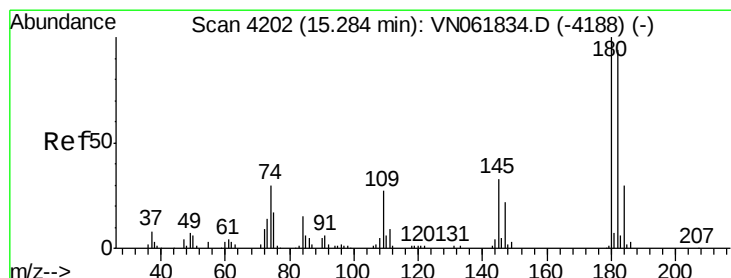
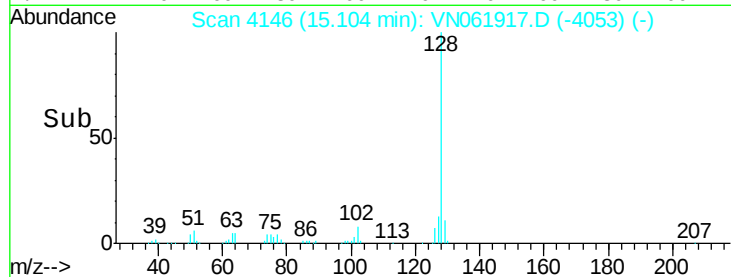
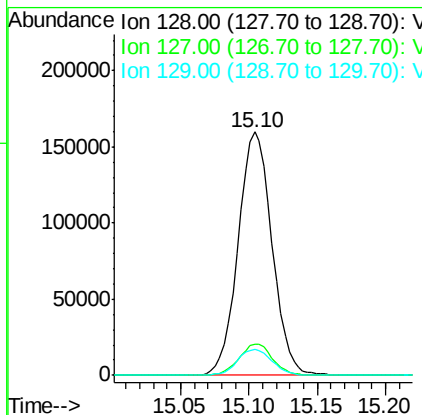
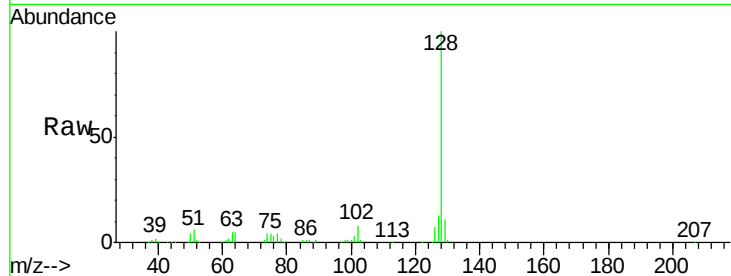
ClientSampleId :

VSTDCCC050

Tot Ion:	128	Resp:	275448
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/19/2020 1:02:27 PM



#96

1,2,3-Trichlorobenzene

Concen: 51.807 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061917.D

Acq: 18 Jun 2020 22:52

Tgt Ion:	180	Resp:	93633
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.9	143.6
145	33.5	16.5	49.5

