

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051920\
 Data File : VN061497.D
 Acq On : 19 May 2020 20:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:11:09 PM

Quant Time: May 20 06:45:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	299854	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	564415	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	516857	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	206080	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
35) Dibromofluoromethane	7.55	113	146570	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.06	98	631228	46.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.06%	
62) 4-Bromofluorobenzene	12.37	95	229672	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	120323	48.259	ug/l	98
3) Chloromethane	2.03	50	176365	43.369	ug/l	99
4) Vinyl Chloride	2.16	62	258410	44.400	ug/l	100
5) Bromomethane	2.54	94	142059	48.118	ug/l	99
6) Chloroethane	2.67	64	170052	43.410	ug/l	98
7) Trichlorofluoromethane	2.98	101	314150	44.460	ug/l	97
8) Diethyl Ether	3.37	74	96691	46.980	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	129071	43.927	ug/l	99
10) Methyl Iodide	3.91	142	164142	45.993	ug/l	99
11) Tert butyl alcohol	4.72	59	115927	224.820	ug/l	99
12) 1,1-Dichloroethene	3.70	96	144014	46.855	ug/l	90
13) Acrolein	3.57	56	58255	150.688	ug/l	98
14) Allyl chloride	4.27	41	218255	43.633	ug/l	98
15) Acrylonitrile	4.93	53	349187	228.573	ug/l	99
16) Acetone	3.77	43	253839	220.359	ug/l	99
17) Carbon Disulfide	4.01	76	335357	50.908	ug/l	100
18) Methyl Acetate	4.28	43	140609	45.724	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	552429	47.363	ug/l	97
20) Methylene Chloride	4.50	84	172240	46.831	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	168927	47.663	ug/l	97
22) Diisopropyl ether	5.90	45	507246	45.128	ug/l	98
23) Vinyl Acetate	5.84	43	2039489	228.172	ug/l	97
24) 1,1-Dichloroethane	5.80	63	306375	46.731	ug/l	99
25) 2-Butanone	6.78	43	440840	216.354	ug/l	98
26) 2,2-Dichloropropane	6.77	77	263447	42.152	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	207043	49.455	ug/l	94
28) Bromochloromethane	7.15	49	132967	47.781	ug/l	90
29) Tetrahydrofuran	7.17	42	288696	213.938	ug/l	95
30) Chloroform	7.33	83	338610	49.449	ug/l	98
31) Cyclohexane	7.61	56	220635	37.491	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	301054	48.112	ug/l	98
36) 1,1-Dichloropropene	7.75	75	239419	45.366	ug/l	98
37) Ethyl Acetate	6.88	43	194604	40.660	ug/l	98
38) Carbon Tetrachloride	7.73	117	232052	47.752	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	204796	31.771	ug/l	96
40) Benzene	8.00	78	745507	46.874	ug/l	99
41) Methacrylonitrile	7.14	41	99394m	49.169	ug/l	
42) 1,2-Dichloroethane	8.08	62	260327	45.432	ug/l	97
43) Isopropyl Acetate	8.13	43	363280	43.519	ug/l #	90
44) Trichloroethene	8.80	130	203126	48.742	ug/l	96
45) 1,2-Dichloropropane	9.08	63	183837	46.180	ug/l	99
46) Dibromomethane	9.17	93	133569	47.862	ug/l	97
47) Bromodichloromethane	9.37	83	276808	47.077	ug/l	98
48) Methyl methacrylate	9.17	41	165803	42.996	ug/l	98
49) 1,4-Dioxane	9.17	88	39497	972.765	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1010781	222.276	ug/l	98
52) Toluene	10.12	92	479930	47.002	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	298940	46.386	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	318261	46.456	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	190965	49.468	ug/l	98
56) Ethyl methacrylate	10.40	69	292221	48.419	ug/l	95
57) 1,3-Dichloropropane	10.68	76	315469	47.286	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	591154	223.153	ug/l	96
59) 2-Hexanone	10.72	43	726448	220.805	ug/l	98
60) Dibromochloromethane	10.87	129	213260	49.942	ug/l	99
61) 1,2-Dibromoethane	10.98	107	199949	49.262	ug/l	100
64) Tetrachloroethene	10.60	164	167589	41.912	ug/l	100
65) Chlorobenzene	11.41	112	508567	48.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	187026	49.496	ug/l	99
67) Ethyl Benzene	11.48	91	875270	45.494	ug/l	99
68) m/p-Xylenes	11.60	106	669210	91.638	ug/l	97
69) o-Xylene	11.92	106	323721	45.807	ug/l	96
70) Styrene	11.94	104	565688	48.338	ug/l	99
71) Bromoform	12.10	173	135704	46.338	ug/l #	98
73) Isopropylbenzene	12.22	105	777485	42.888	ug/l	99
74) N-amyl acetate	12.04	43	319930	48.215	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	250241	50.173	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	216442m	44.670	ug/l	
77) Bromobenzene	12.50	156	204227	51.910	ug/l	93
78) n-propylbenzene	12.56	91	865187	41.887	ug/l	98
79) 2-Chlorotoluene	12.65	91	547209	44.821	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	629718	42.425	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	83115	45.504	ug/l	98
82) 4-Chlorotoluene	12.75	91	579568	45.846	ug/l	98
83) tert-Butylbenzene	12.97	119	498236	39.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	659065	44.367	ug/l	99
85) sec-Butylbenzene	13.15	105	643524	37.431	ug/l	99
86) p-Isopropyltoluene	13.26	119	588517	38.549	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	340326	47.267	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	343362	47.618	ug/l	99
89) n-Butylbenzene	13.59	91	493779	35.602	ug/l	99
90) Hexachloroethane	13.85	117	85696	41.418	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	332717	48.173	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	47938	47.582	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	155803	41.604	ug/l	98
94) Hexachlorobutadiene	14.99	225	54033	32.473	ug/l	99
95) Naphthalene	15.10	128	560686	47.094	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	152499	40.905	ug/l	99

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

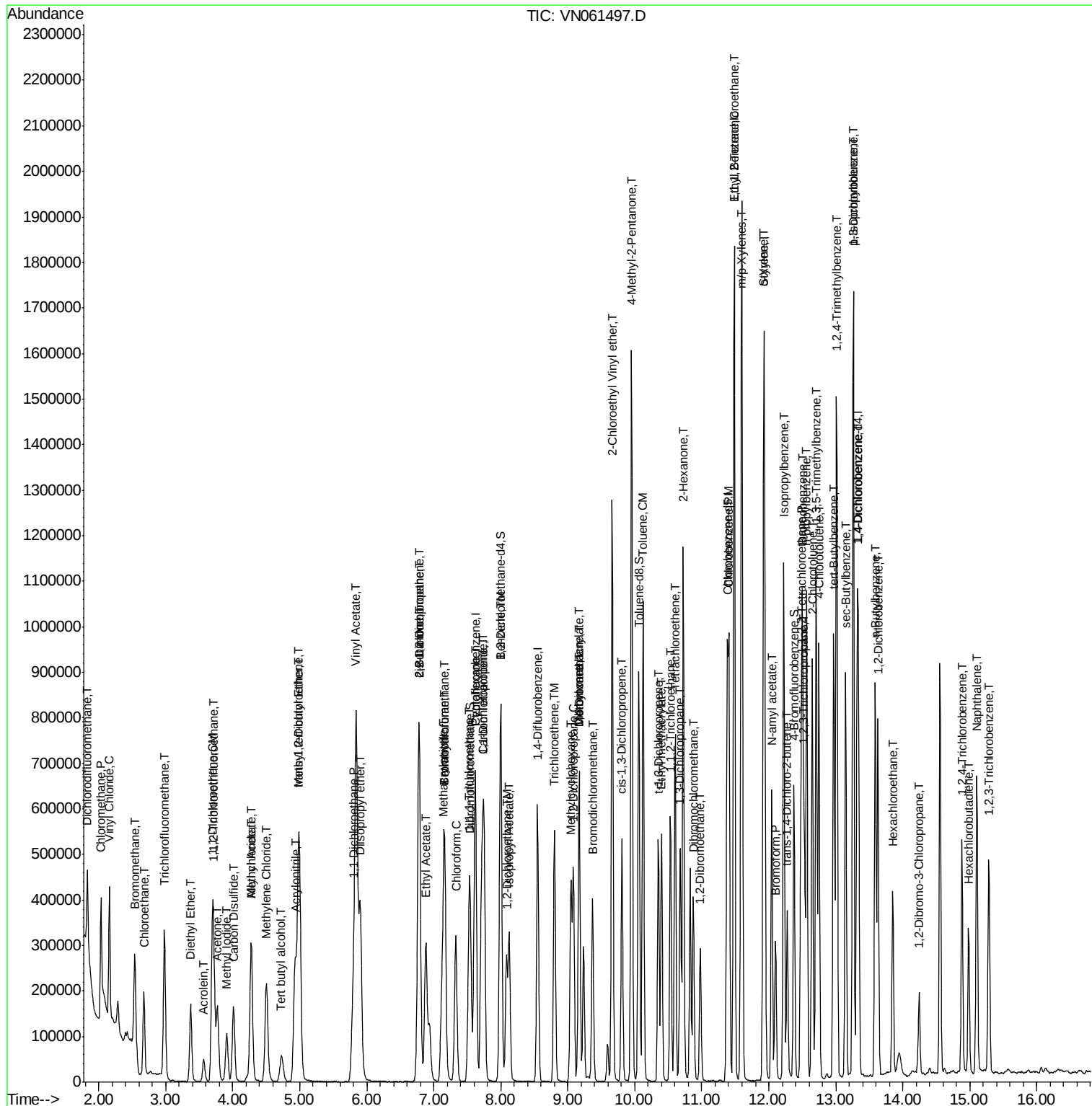
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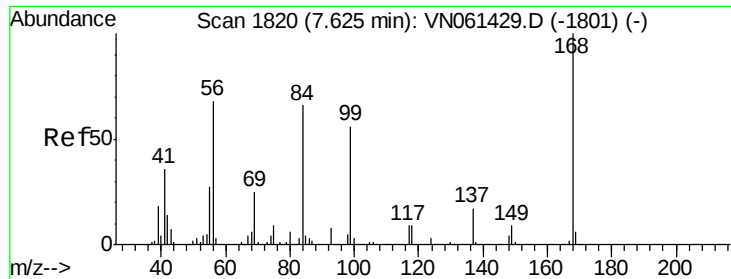
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 299854

Ion Ratio Lower Upper

168 100

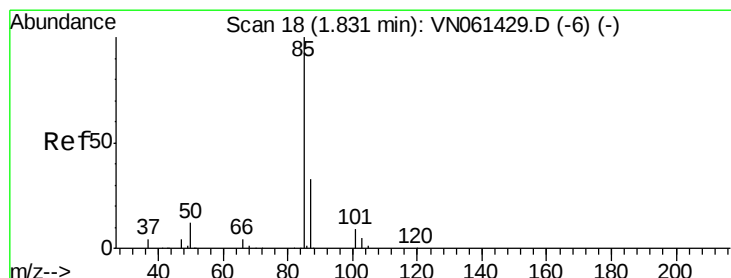
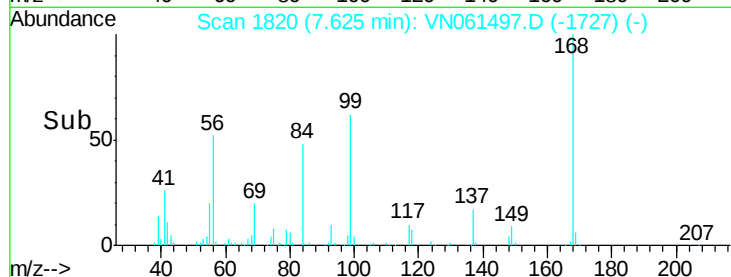
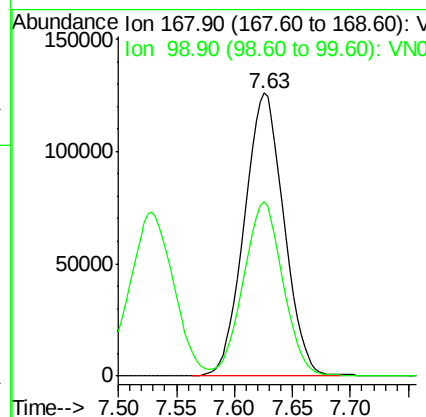
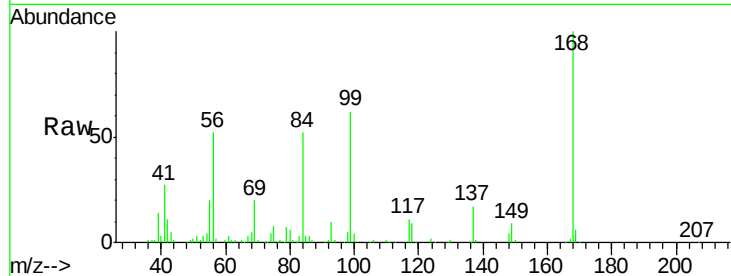
99 61.4 51.1 76.7

Manual Integrations

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5/21/2020 1:11:09 PM



#2

Dichlorodifluoromethane

Concen: 48.259 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061497.D

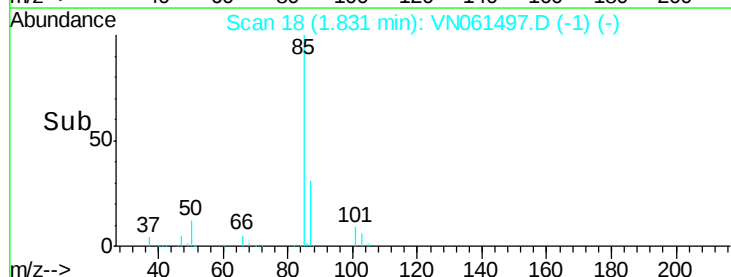
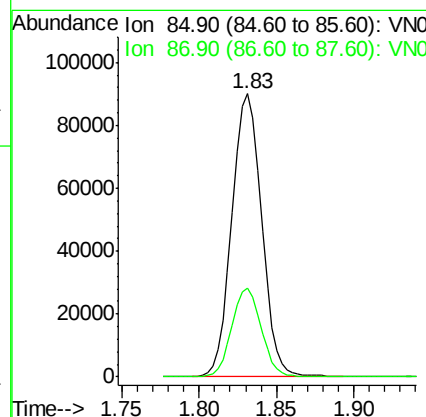
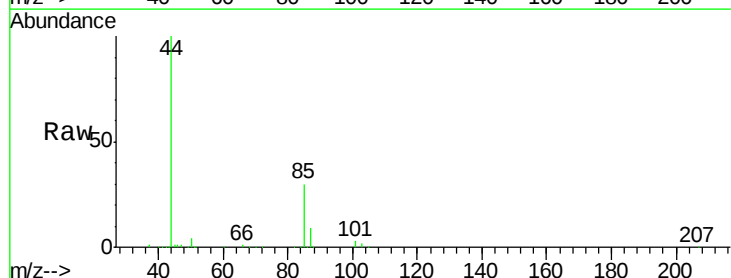
Acq: 19 May 2020 20:37

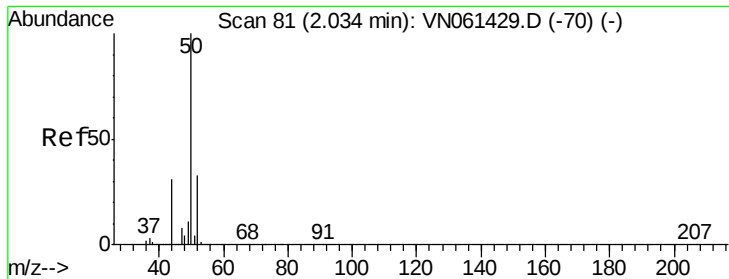
Tgt Ion: 85 Resp: 120323

Ion Ratio Lower Upper

85 100

87 31.2 16.3 48.8





#3

Chloromethane

Concen: 43.369 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 176365

Ion Ratio Lower Upper

50 100

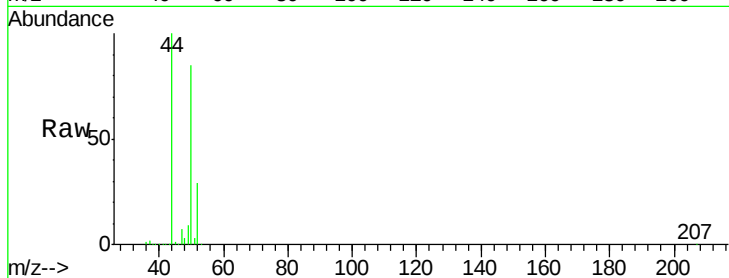
52 33.8 26.7 40.1

Manual Integrations

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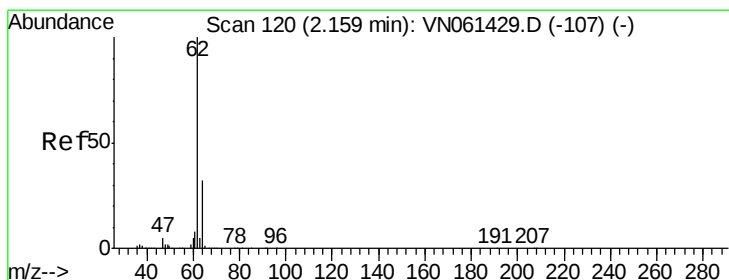
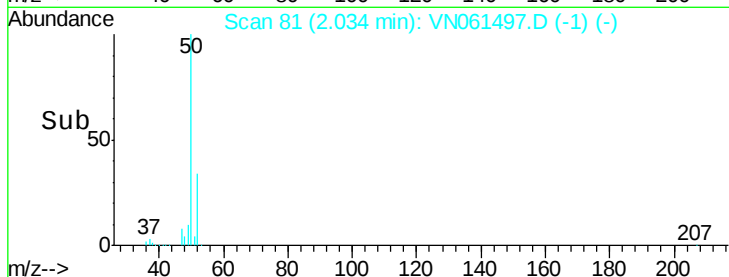
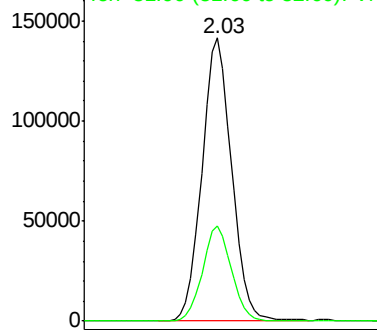
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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 44.400 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061497.D

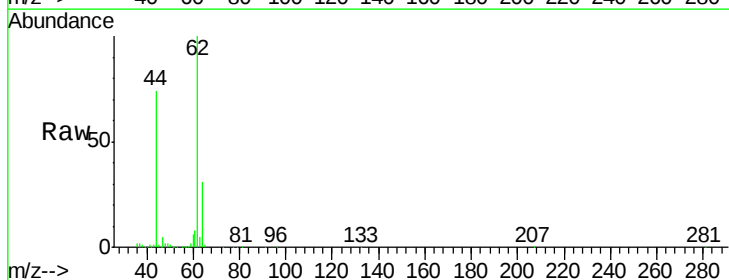
Acq: 19 May 2020 20:37

Tgt Ion: 62 Resp: 258410

Ion Ratio Lower Upper

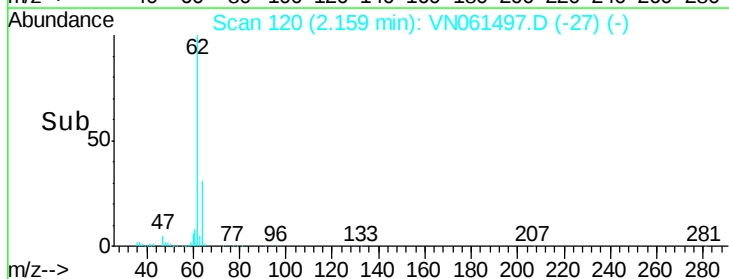
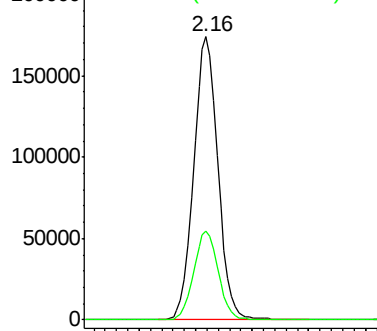
62 100

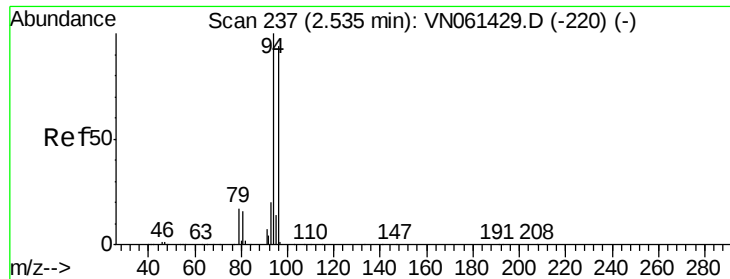
64 31.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 48.118 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

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Tot Ion: 94 Resp: 142059

Ion Ratio Lower Upper

94 100

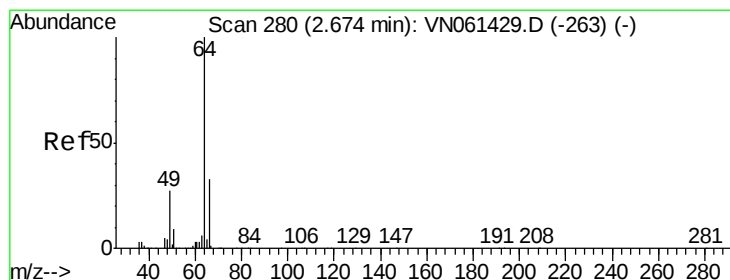
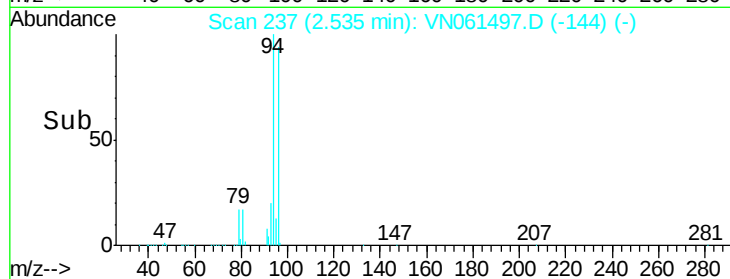
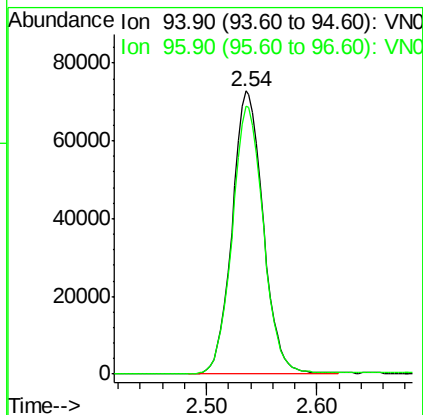
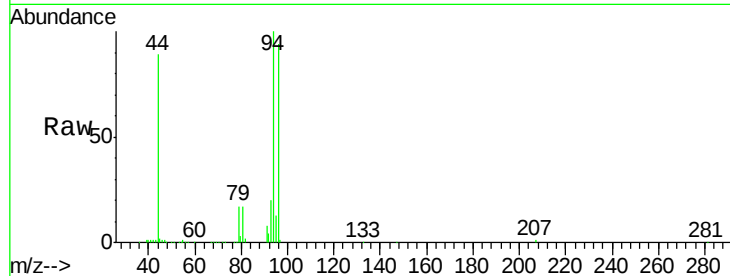
96 94.2 74.9 112.3

Manual Integrations

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#6

Chloroethane

Concen: 43.410 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

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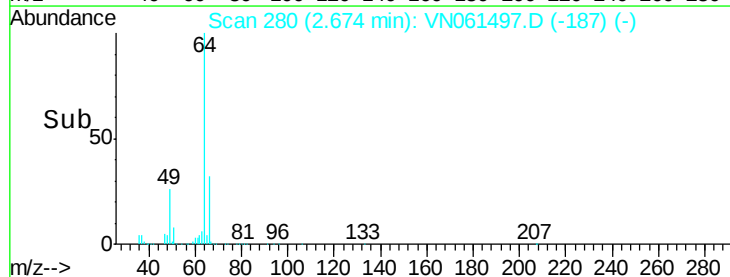
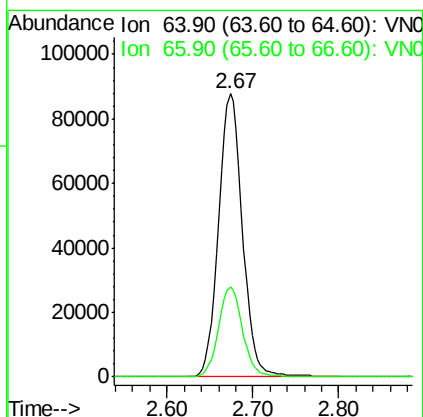
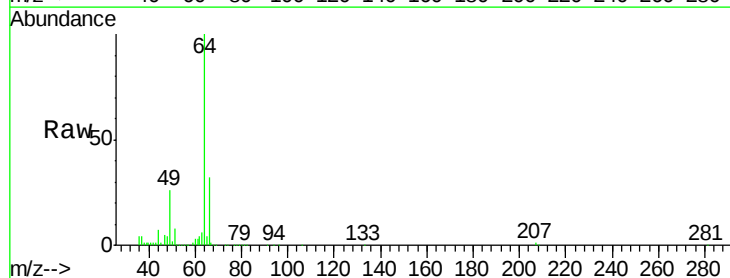
Acq: 19 May 2020 20:37

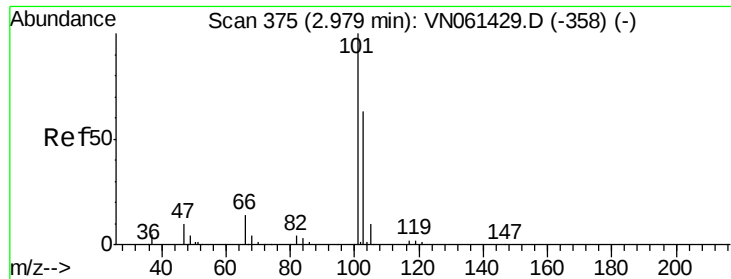
Tgt Ion: 64 Resp: 170052

Ion Ratio Lower Upper

64 100

66 31.6 26.3 39.5





#7

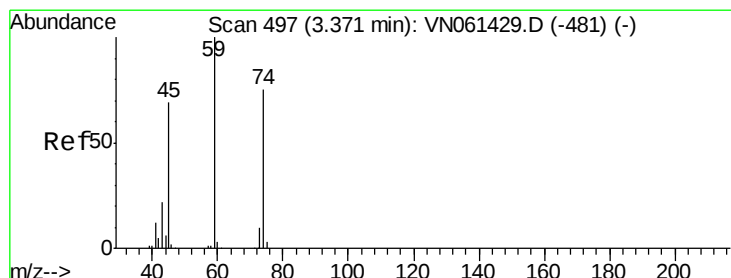
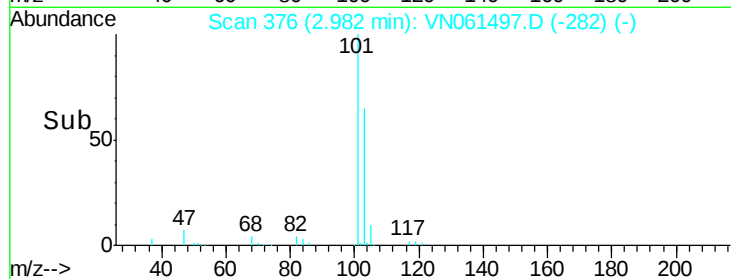
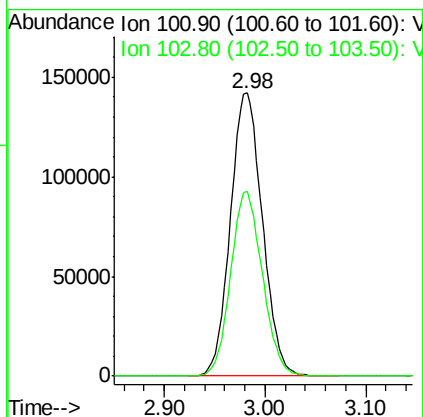
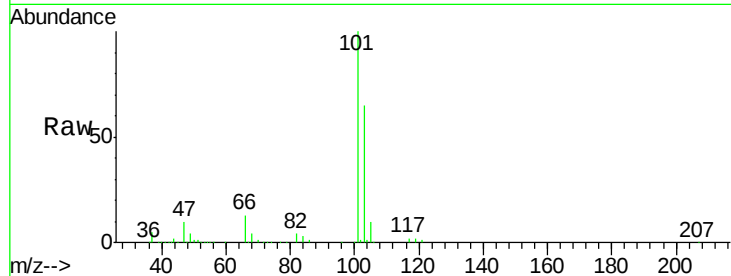
Trichlorofluoromethane
Concen: 44.460 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		314150		
103	65.2	50.2	75.4		

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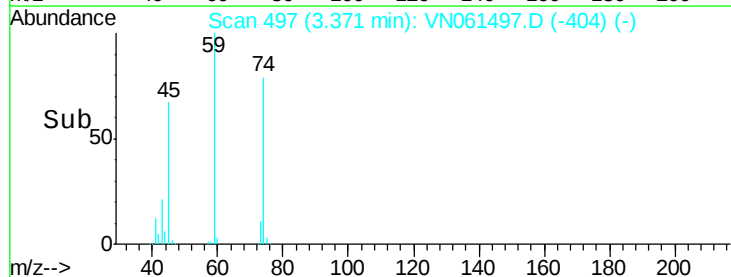
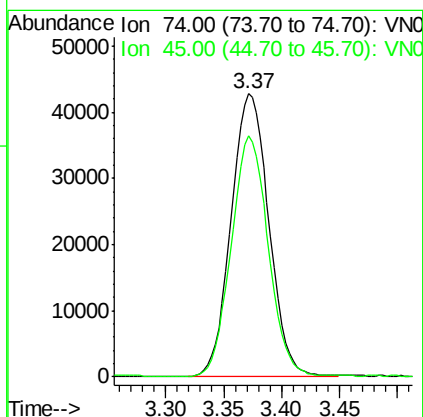
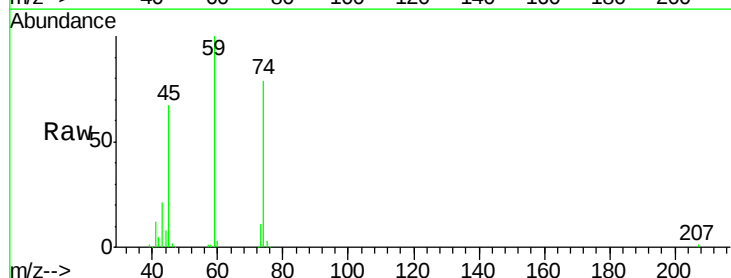
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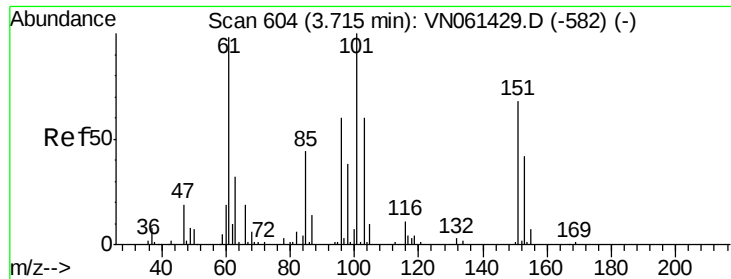


#8

Diethyl Ether
Concen: 46.980 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		96691		
45	83.7	45.7	137.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.927 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

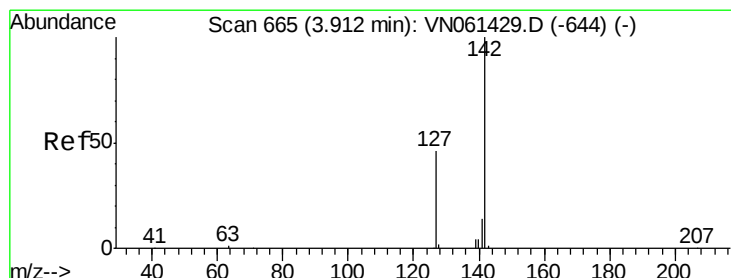
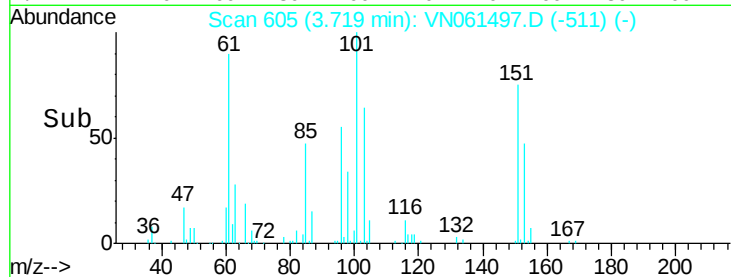
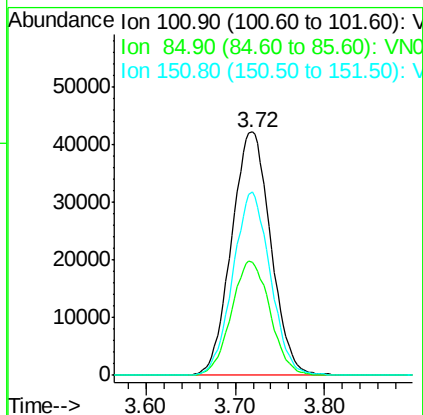
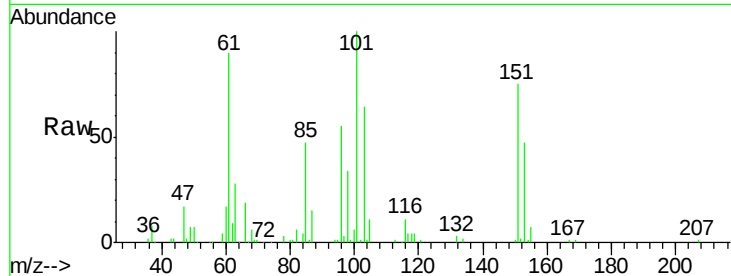
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	129071
Ion Ratio	Lower	Upper	
101	100		
85	46.3	36.6	55.0
151	71.8	56.3	84.5

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#10

Methyl Iodide

Concen: 45.993 ug/l

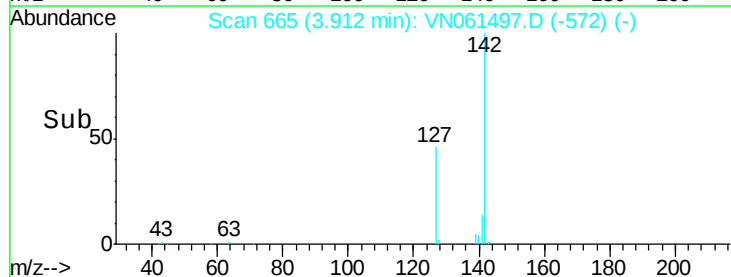
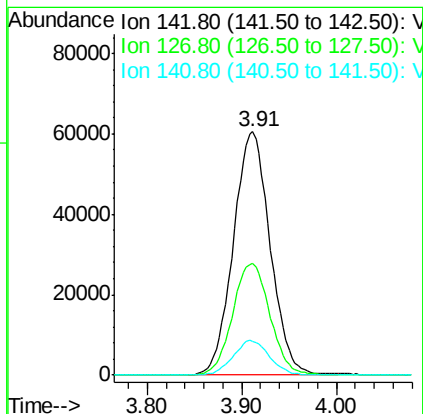
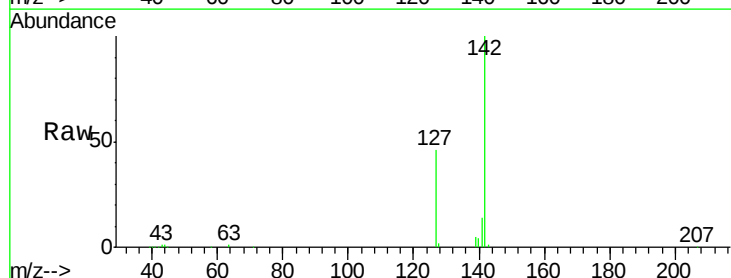
RT: 3.91 min Scan# 665

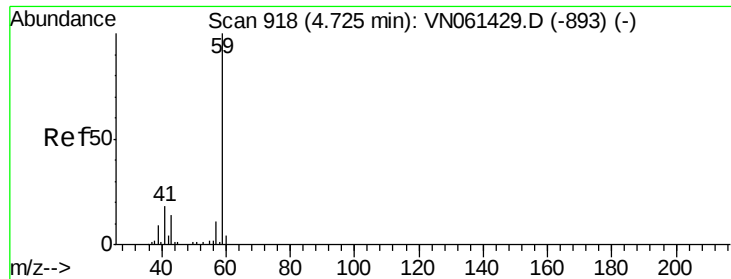
Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Tgt Ion:	142	Resp:	164142
Ion Ratio	Lower	Upper	
142	100		
127	46.4	36.7	55.1
141	14.0	11.5	17.3





#11

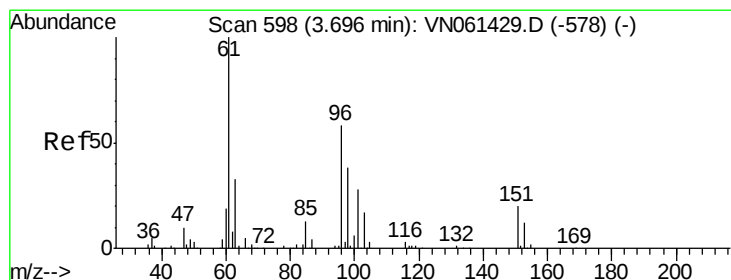
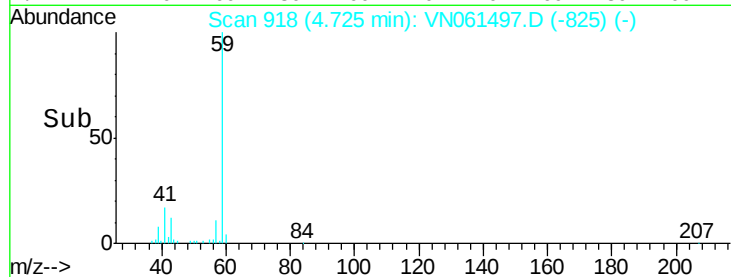
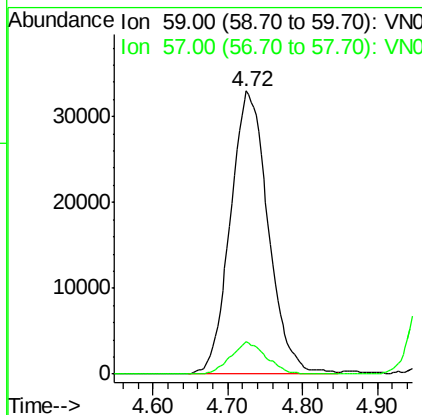
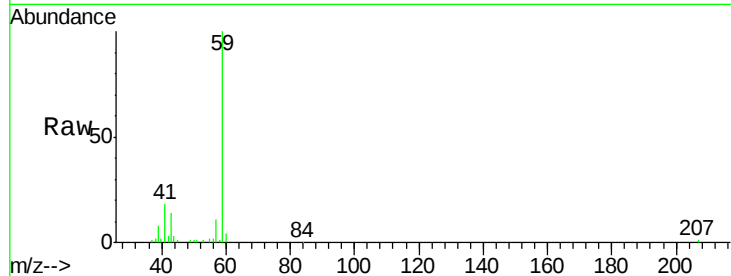
Tert butyl alcohol
Concen: 224.820 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

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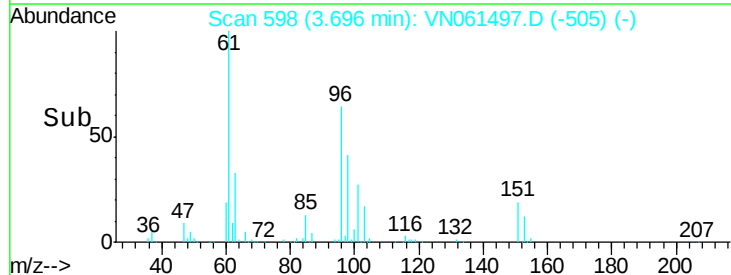
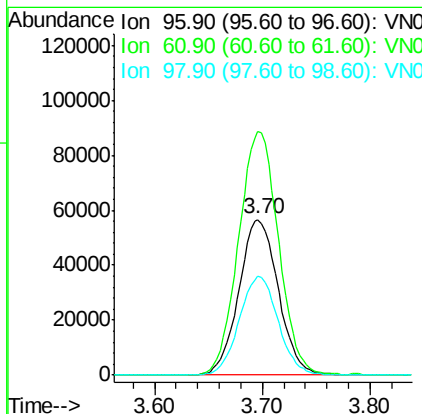
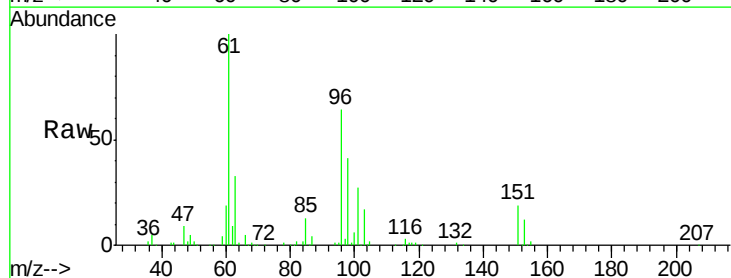
MMDadoda
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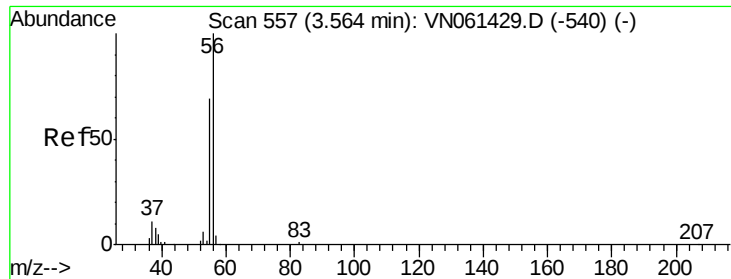


#12

1,1-Dichloroethene
Concen: 46.855 ug/l
RT: 3.70 min Scan# 598
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.7	138.7	208.1
98	63.6	53.0	79.6





#13

Acrolein

Concen: 150.688 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 58255

Ion Ratio Lower Upper

56 100

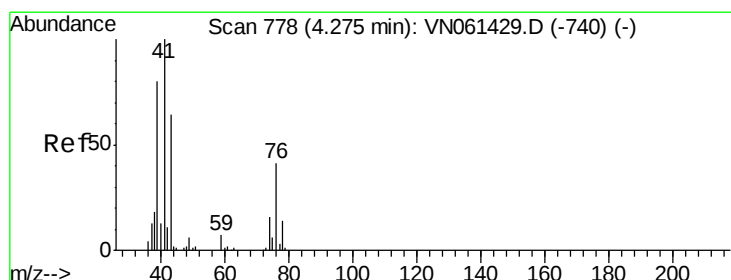
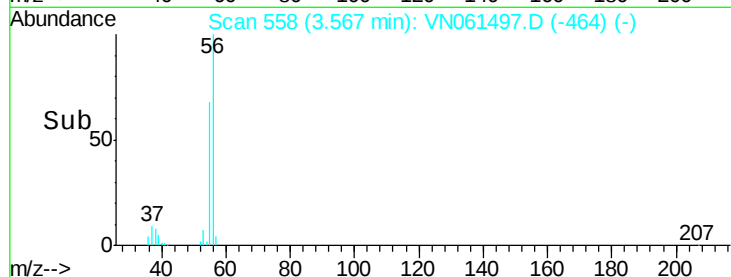
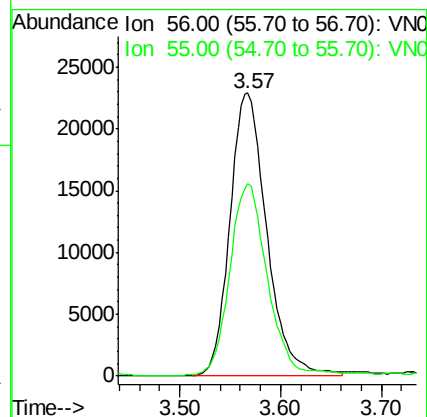
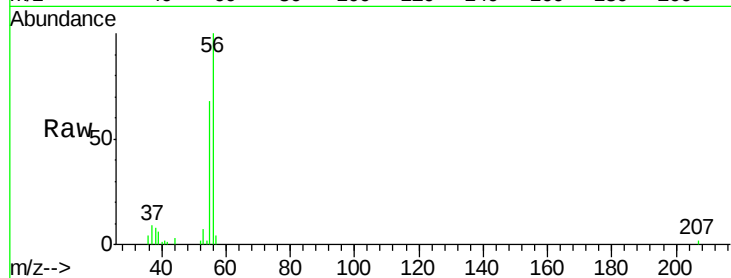
55 69.8 54.8 82.2

Manual Integrations

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#14

Allyl chloride

Concen: 43.633 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

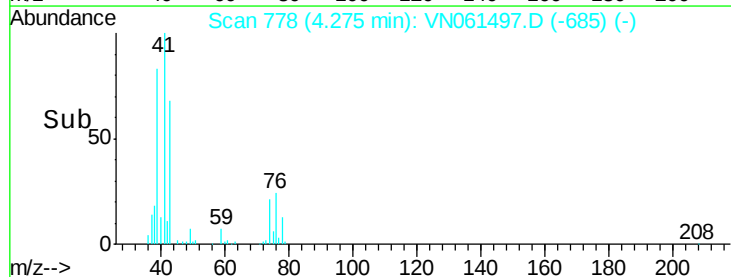
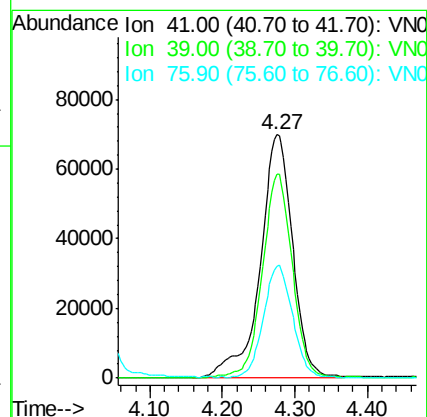
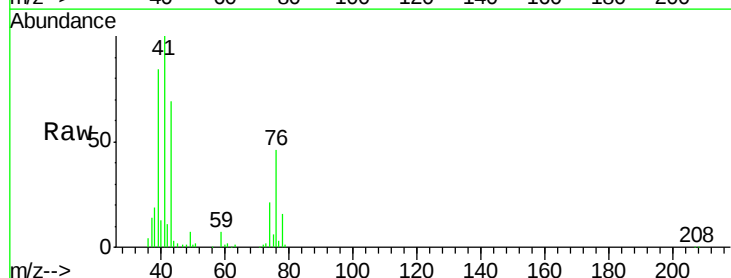
Tgt Ion: 41 Resp: 218255

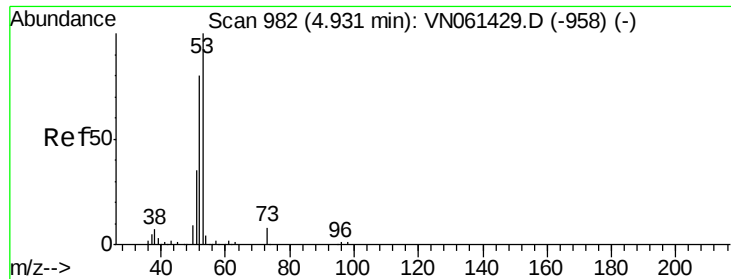
Ion Ratio Lower Upper

41 100

39 77.2 61.2 91.8

76 40.6 29.9 44.9





#15

Acrylonitrile

Concen: 228.573 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

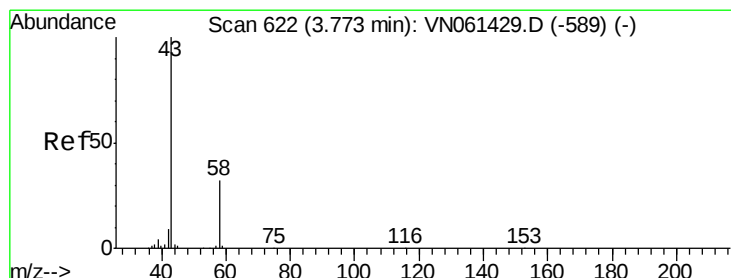
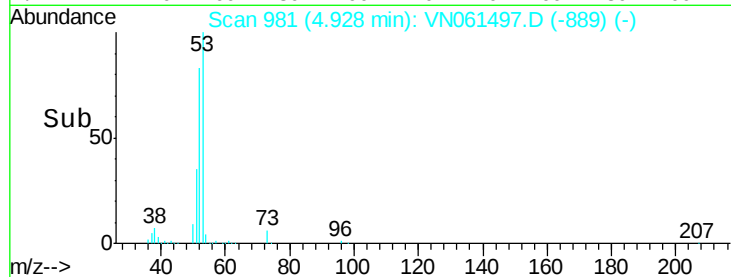
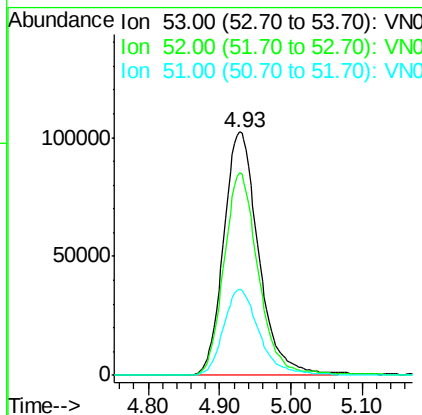
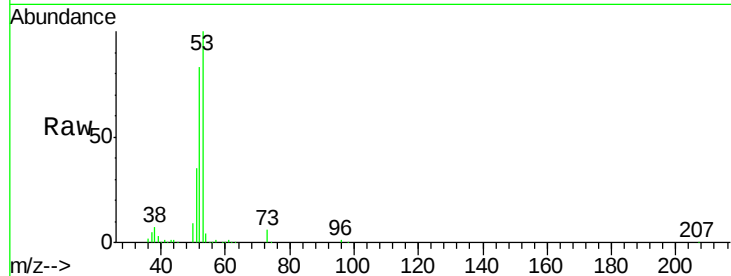
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	349187
Ion Ratio	Lower	Upper	
53	100		
52	81.3	64.7	97.1
51	36.2	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 220.359 ug/l

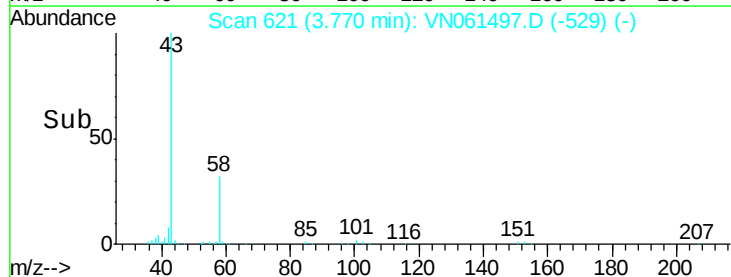
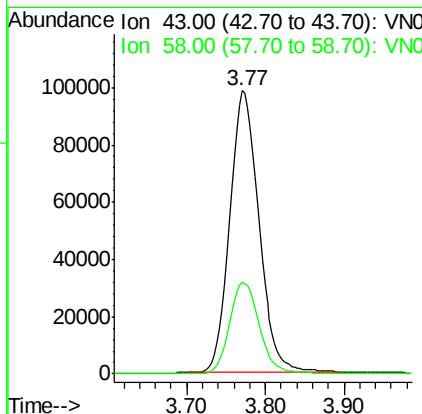
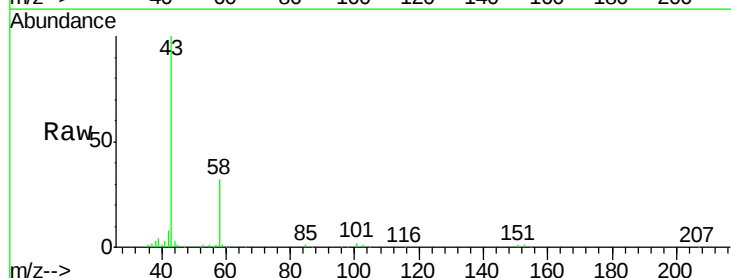
RT: 3.77 min Scan# 621

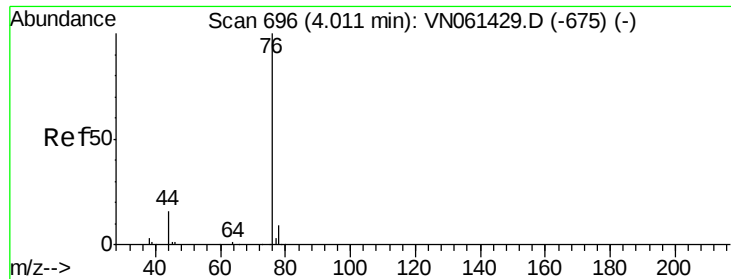
Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Tgt Ion:	43	Resp:	253839
Ion Ratio	Lower	Upper	
43	100		
58	32.3	25.6	38.4





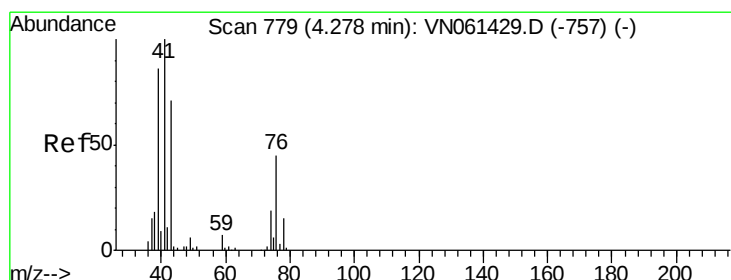
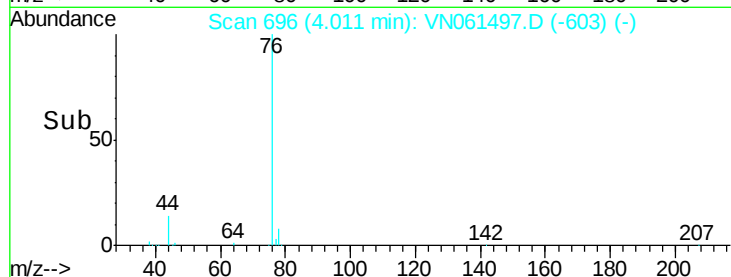
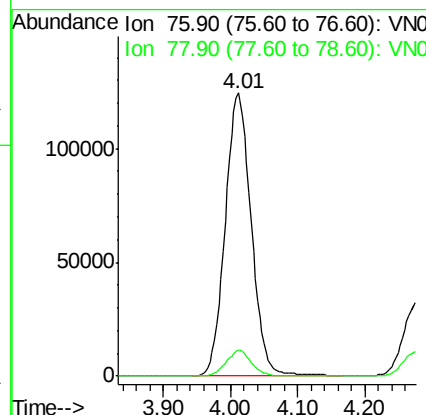
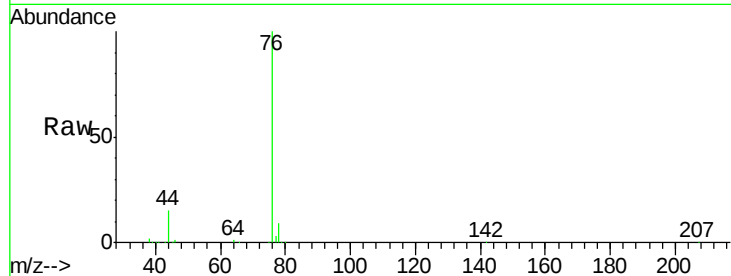
#17
Carbon Disulfide
Concen: 50.908 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

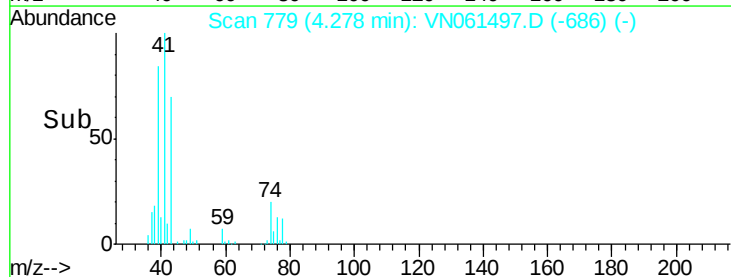
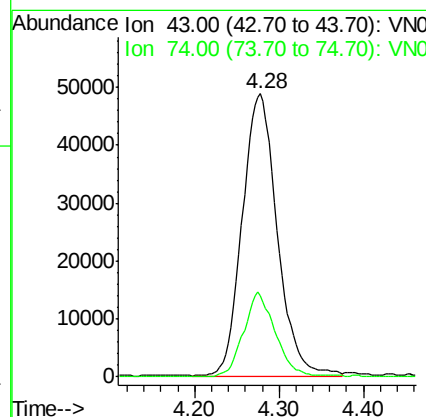
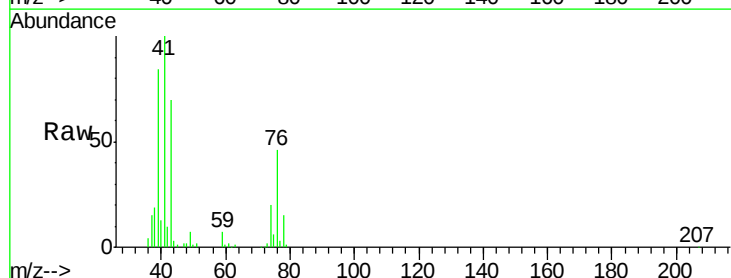
Manual Integrations
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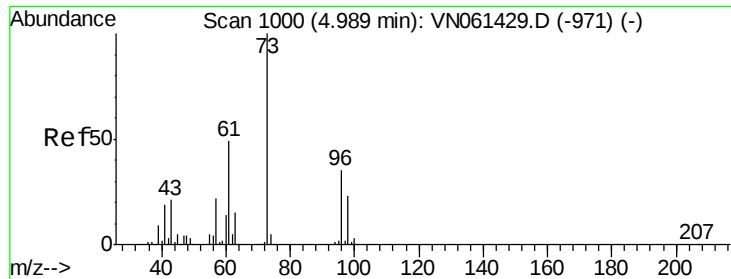
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#18
Methyl Acetate
Concen: 45.724 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	20.8	31.2





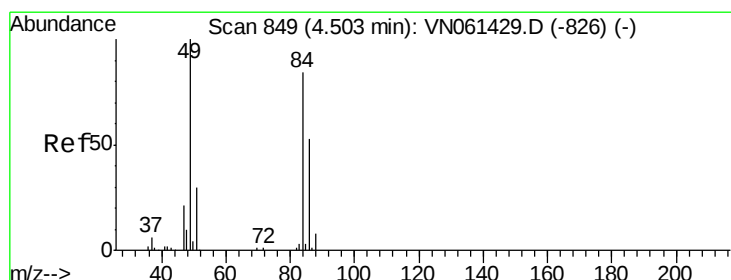
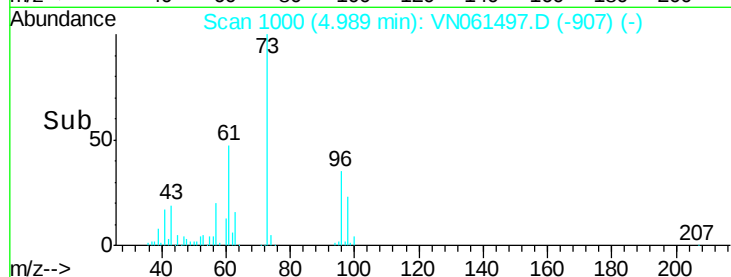
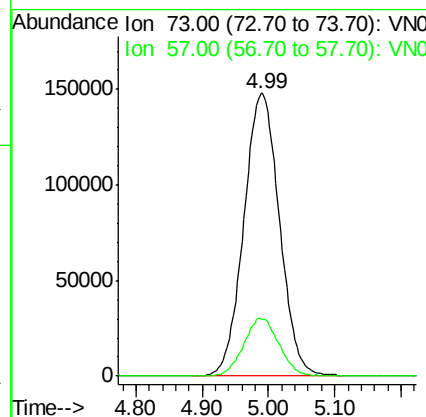
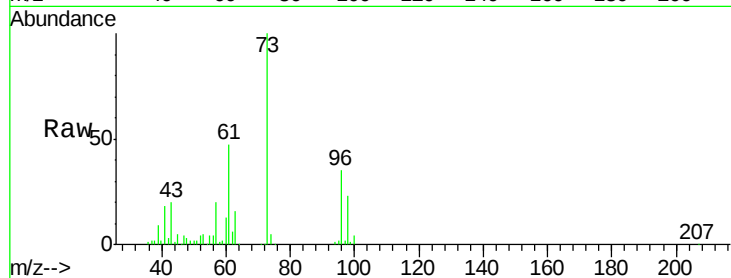
#19
Methyl tert-butyl Ether
Concen: 47.363 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	20.2	17.4	26.0

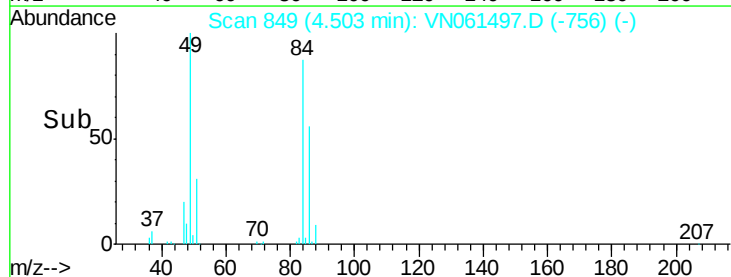
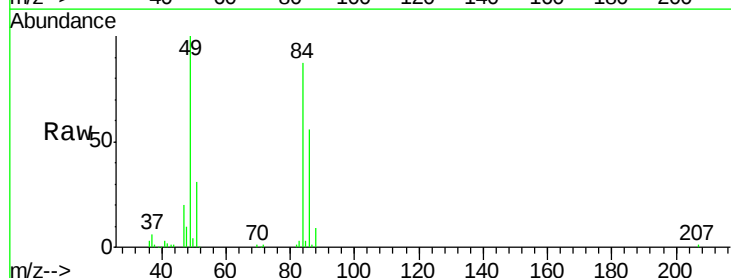
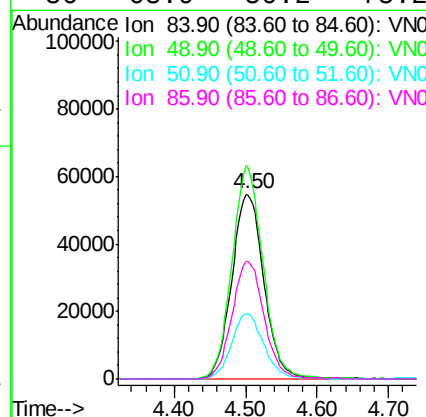
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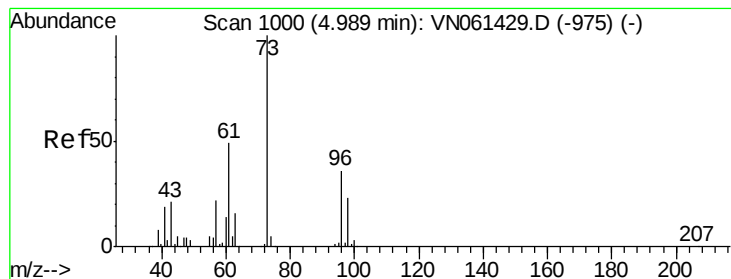
MMDadoda
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#20
Methylene Chloride
Concen: 46.831 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	115.0	95.3	142.9
51	51	35.2	29.0	43.6
86	86	63.9	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 47.663 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

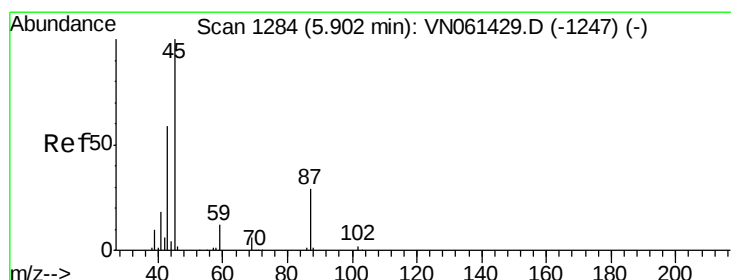
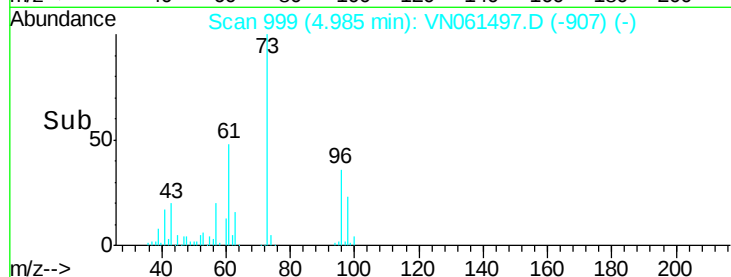
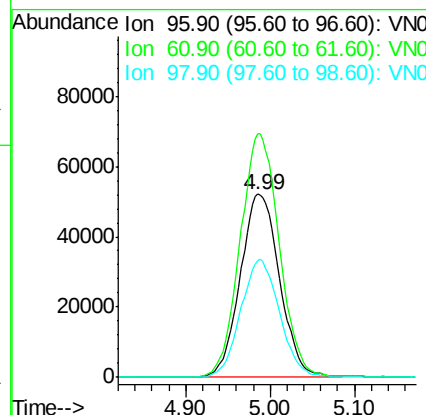
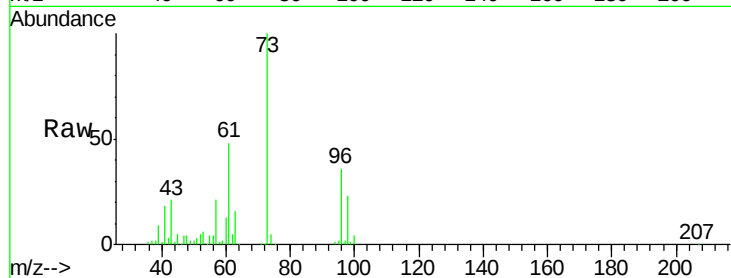
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	168927
Ion	Ratio	Lower	Upper
96	100		
61	132.8	109.8	164.6
98	63.5	52.4	78.6

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#22

Diisopropyl ether

Concen: 45.128 ug/l

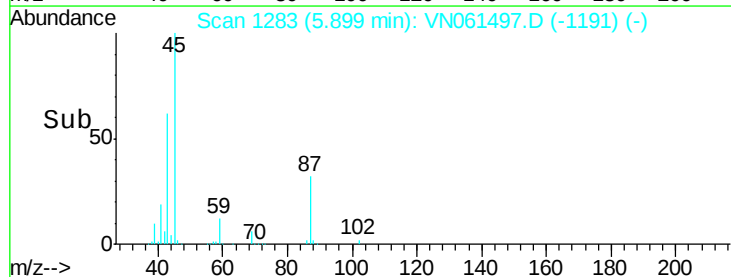
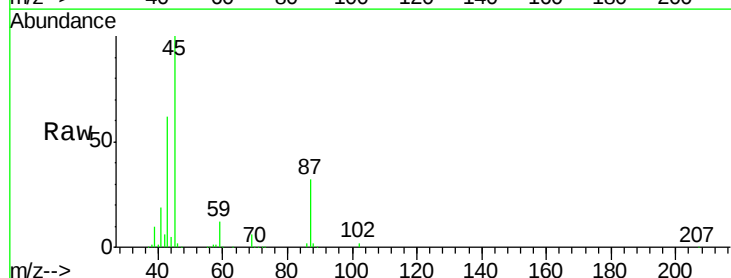
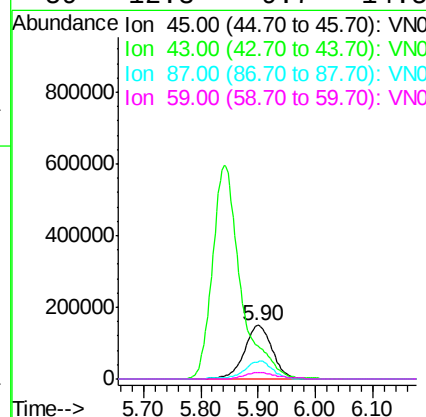
RT: 5.90 min Scan# 1283

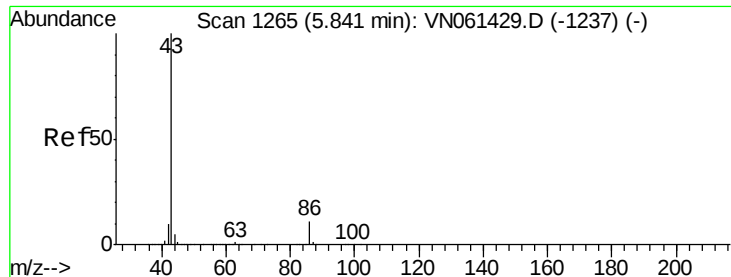
Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Tgt Ion:	45	Resp:	507246
Ion	Ratio	Lower	Upper
45	100		
43	61.4	47.9	71.9
87	32.1	24.0	36.0
59	12.3	9.7	14.5





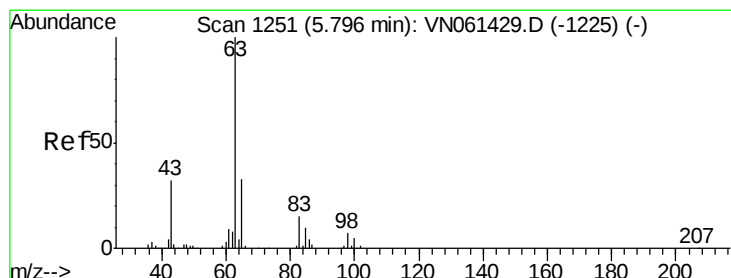
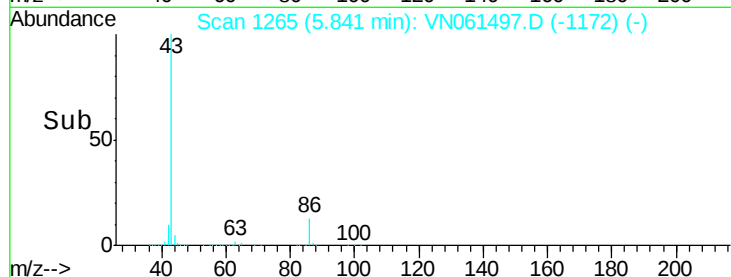
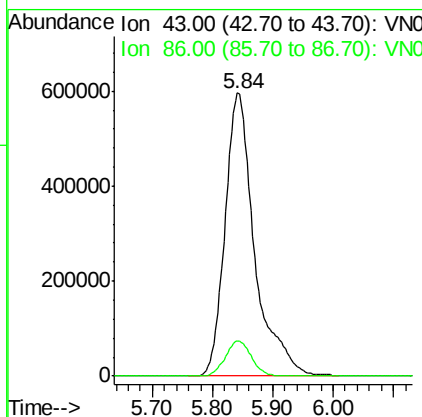
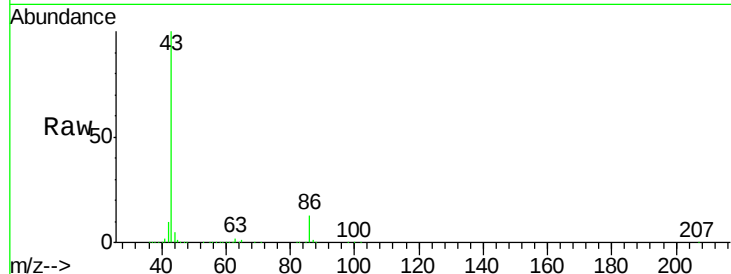
#23
 Vinyl Acetate
 Concen: 228.172 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2039489
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.1 13.7

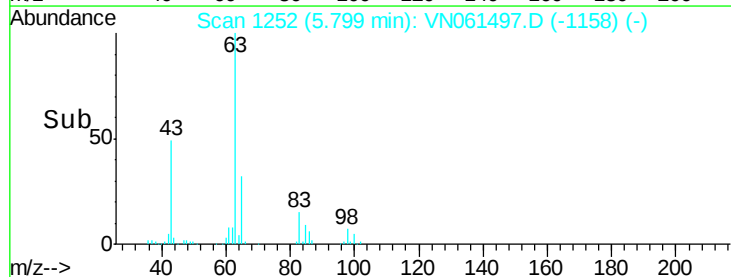
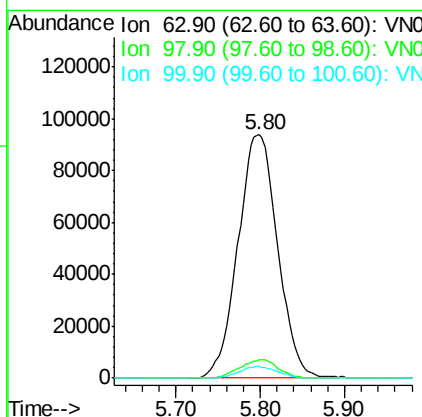
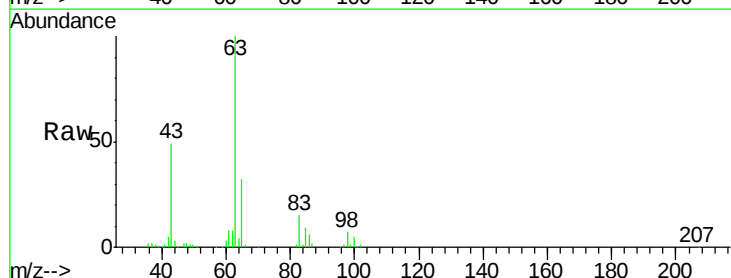
Manual Integrations
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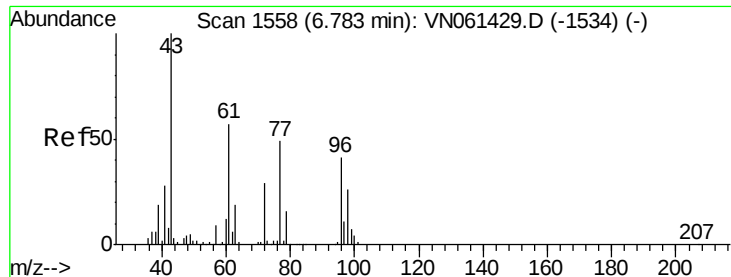
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 46.731 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion: 63 Resp: 306375
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.5
 100 4.7 2.3 6.9





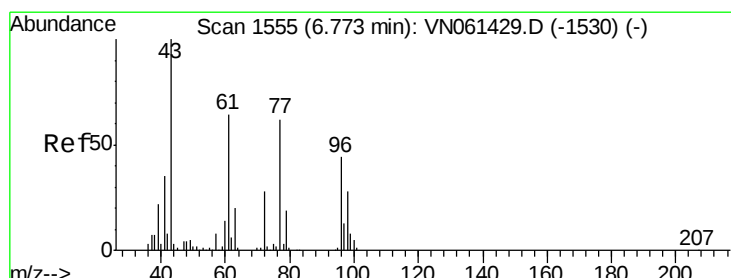
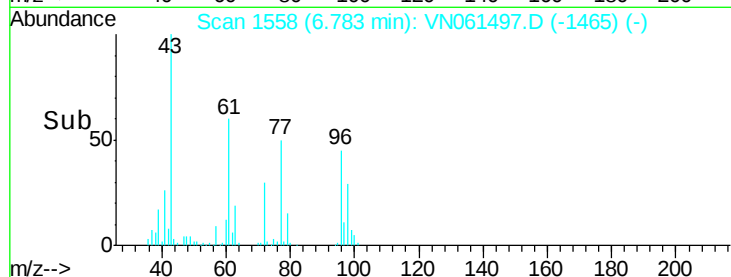
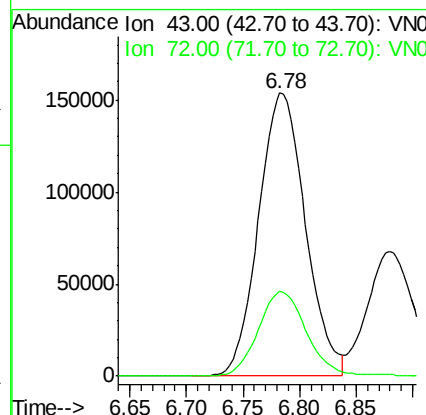
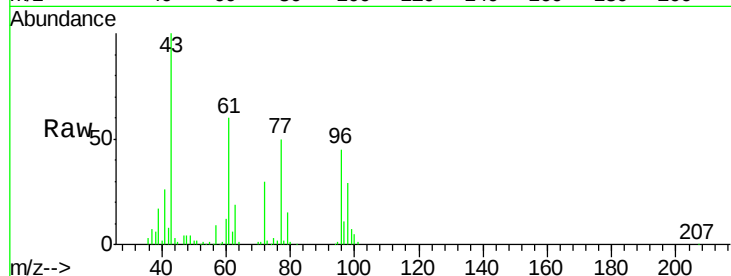
#25
2-Butanone
Concen: 216.354 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 440840
Ion Ratio Lower Upper
43 100
72 30.0 23.0 34.6

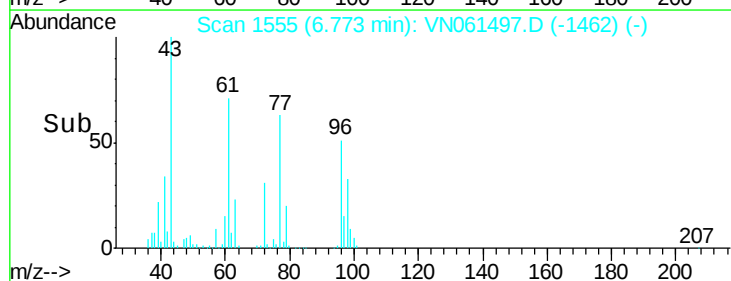
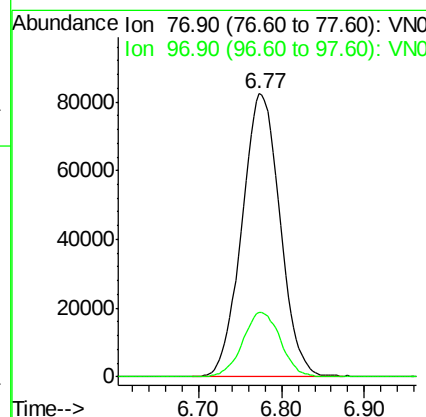
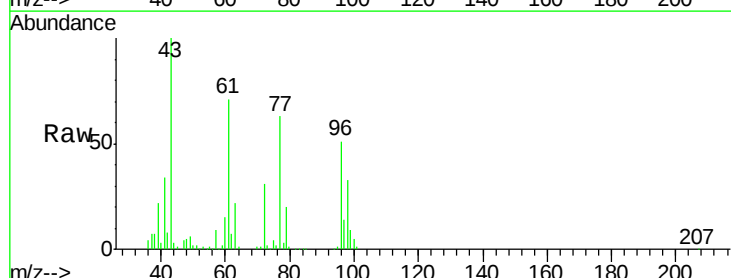
Manual Integrations
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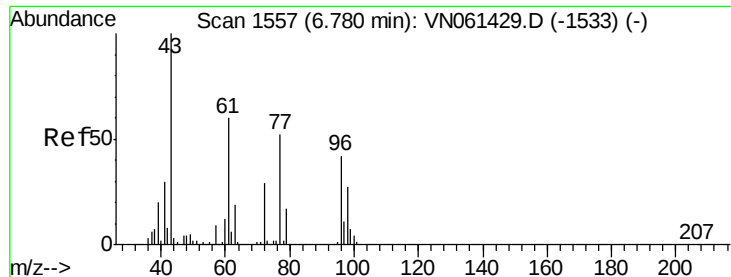
MMDadoda
5/21/2020 1:11:09 PM



#26
2,2-Dichloropropane
Concen: 42.152 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 77 Resp: 263447
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9





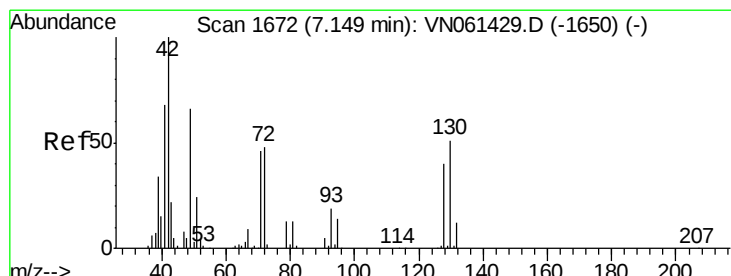
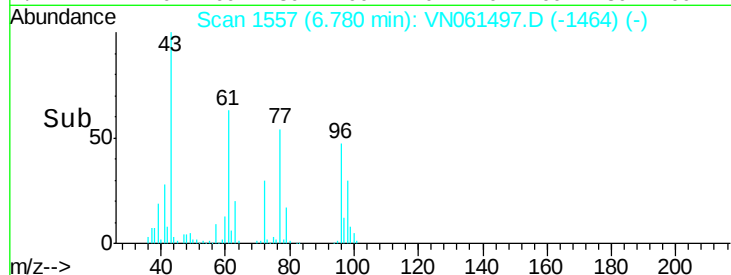
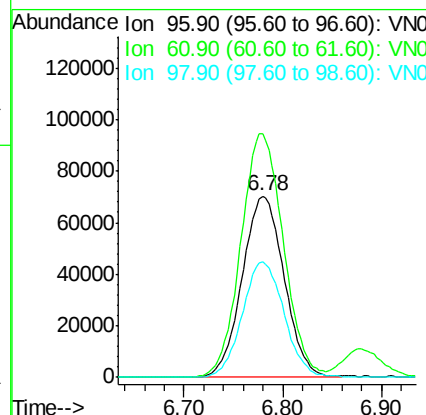
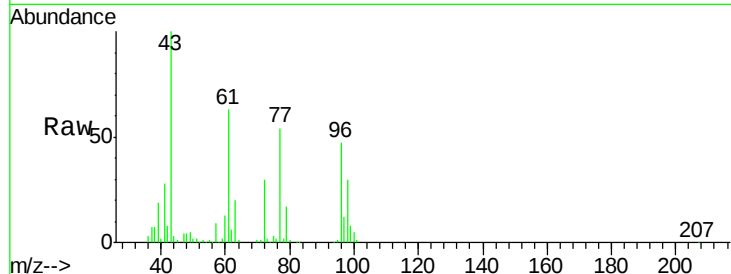
#27
 cis-1,2-Dichloroethene
 Concen: 49.455 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	207043		
61	136.2	0.0	294.2	
98	63.7	0.0	128.2	

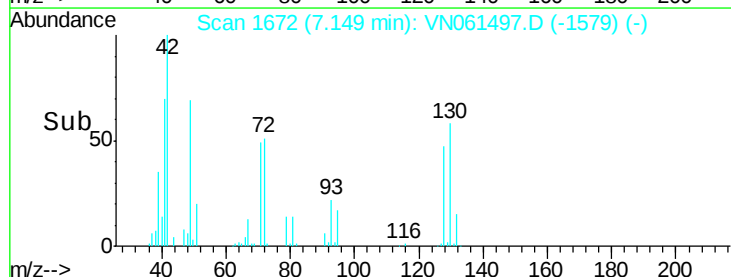
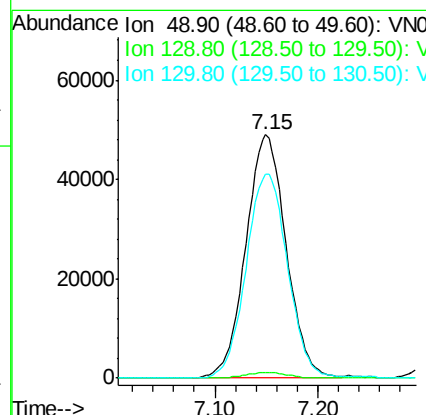
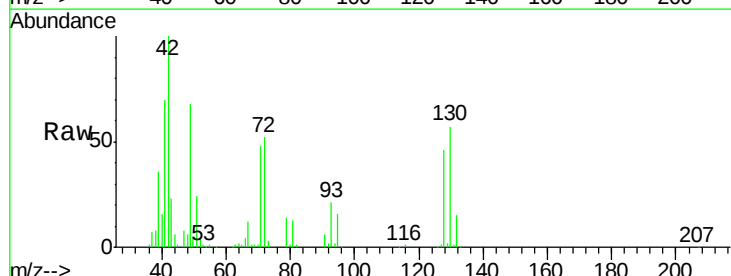
Manual Integrations
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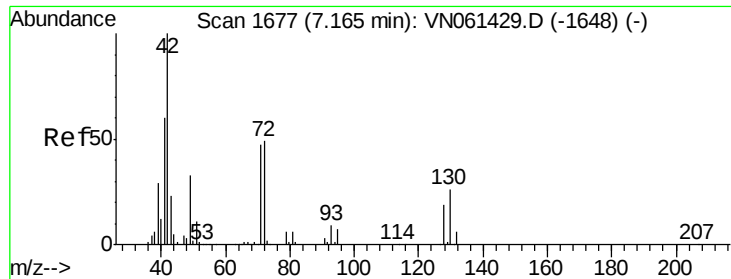
MMDadoda
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#28
 Bromochloromethane
 Concen: 47.781 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	132967		
129	2.3	0.0	4.6	
130	86.8	62.2	93.2	





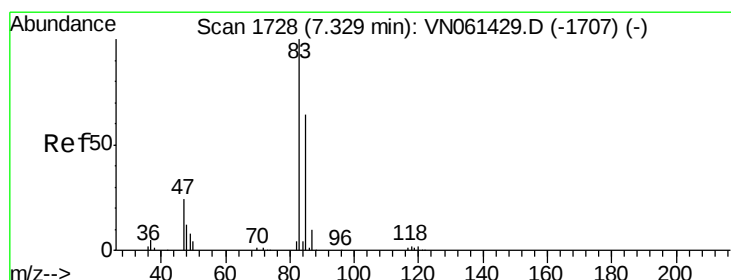
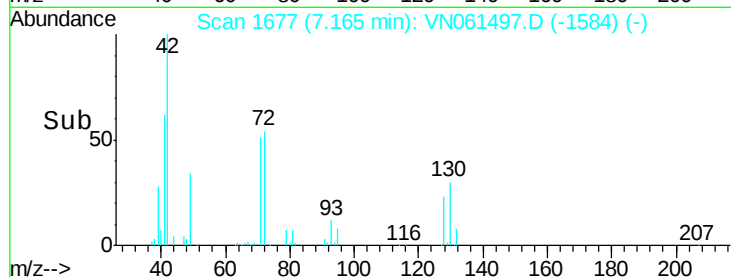
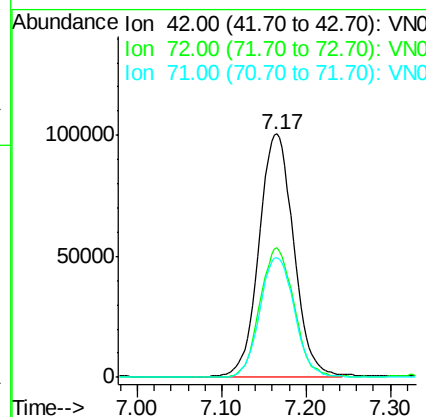
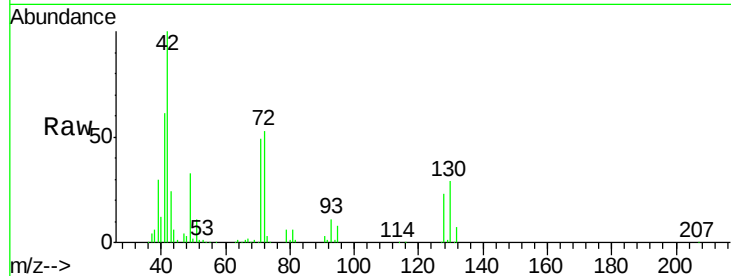
#29
Tetrahydrofuran
Concen: 213.938 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.4	39.0	58.6
71	49.1	36.9	55.3

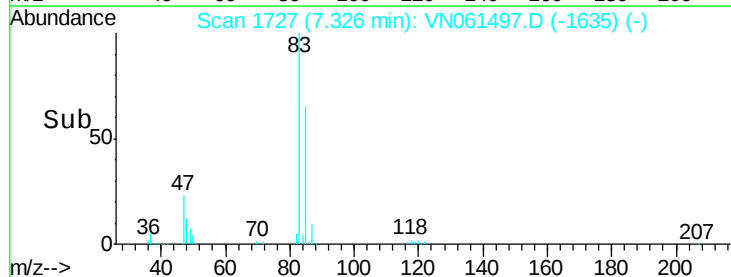
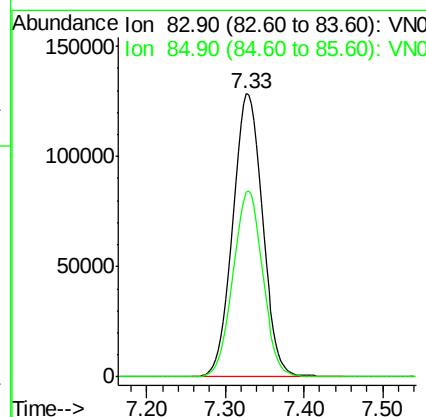
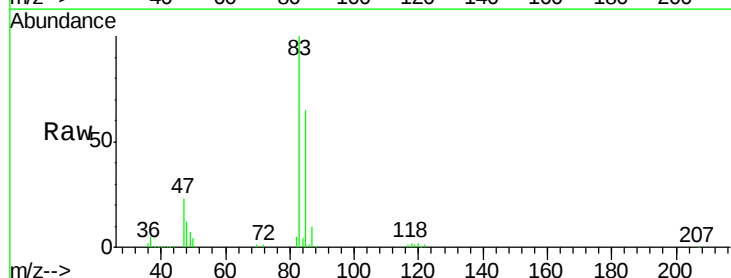
Manual Integrations
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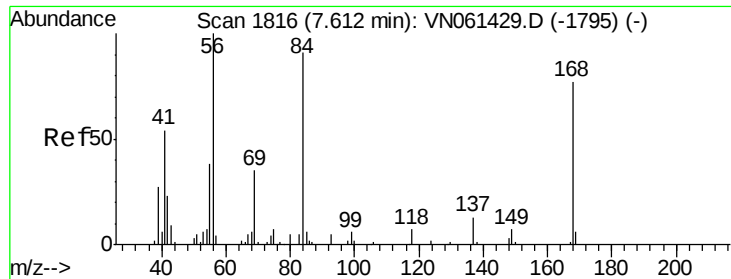
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#30
Chloroform
Concen: 49.449 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.0	76.4





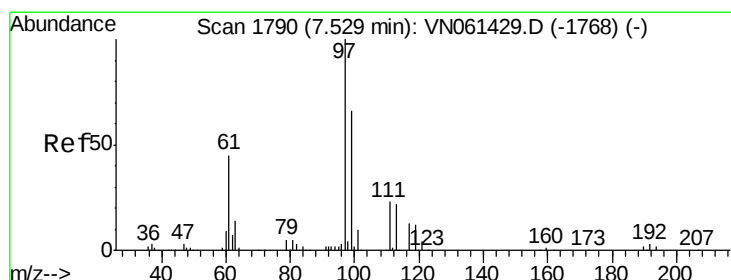
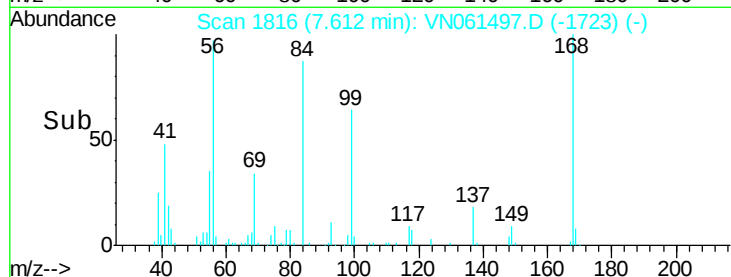
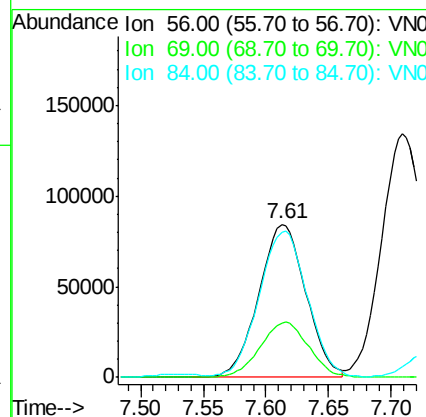
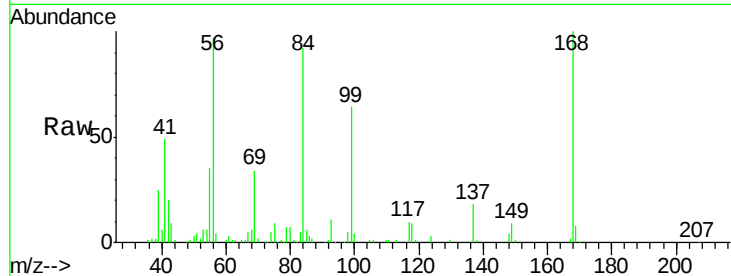
#31
Cyclohexane
Concen: 37.491 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.5	27.8	41.6
84	93.1	72.7	109.1

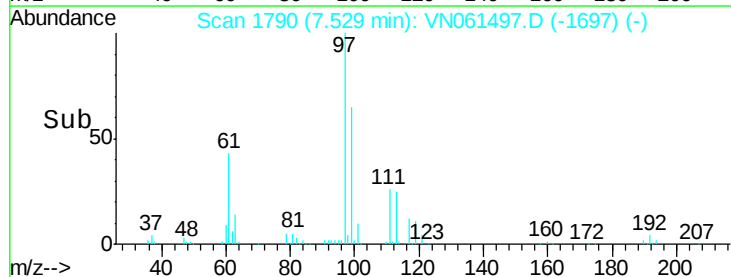
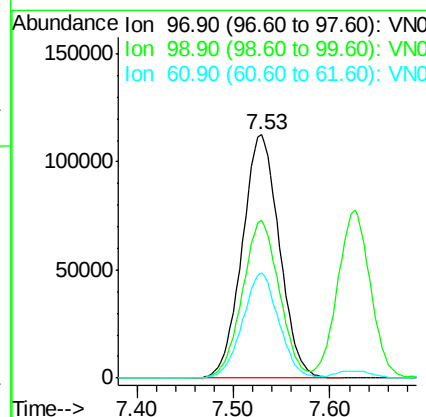
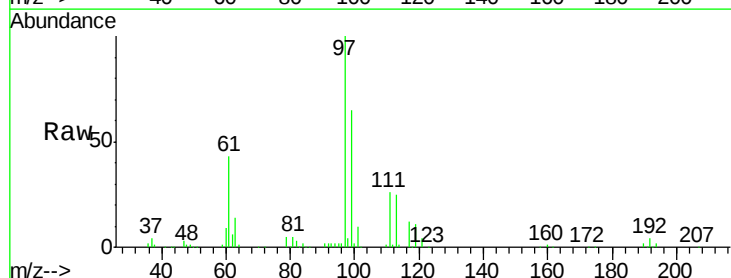
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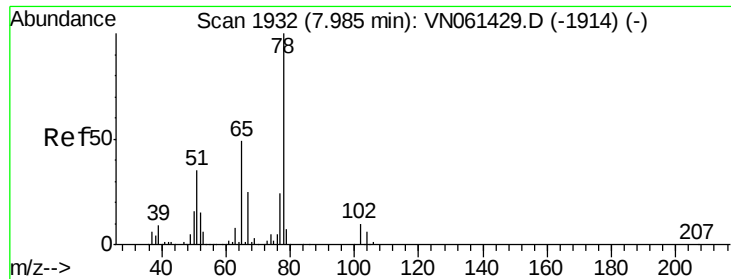
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#32
1,1,1-Trichloroethane
Concen: 48.112 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.5	77.3
61	42.0	35.8	53.6





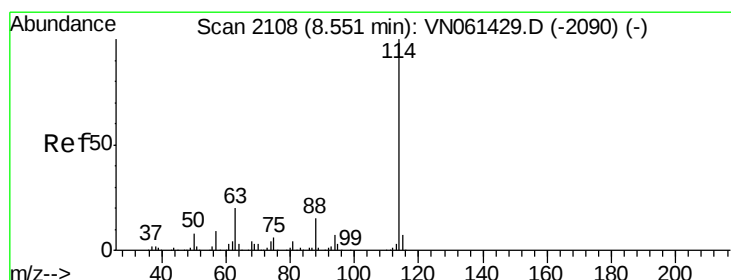
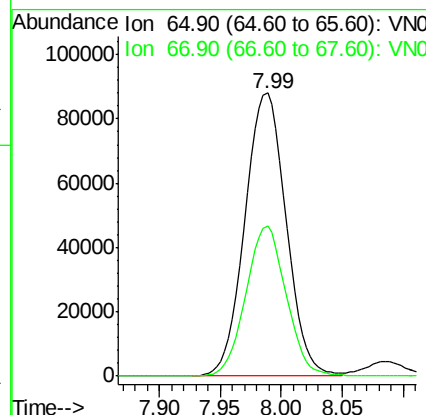
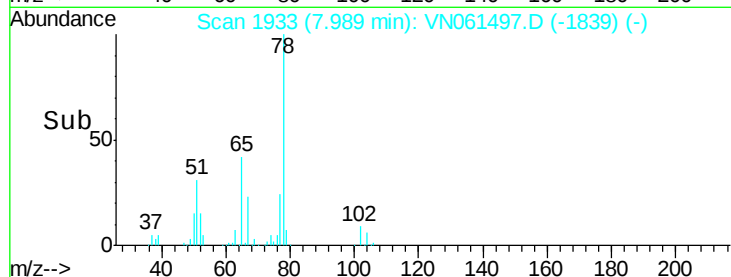
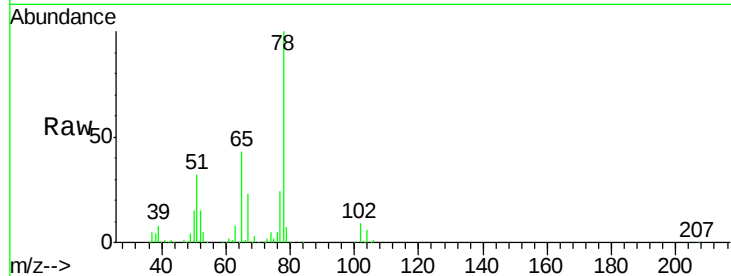
#33
 1,2-Dichloroethane-d4
 Concen: 46.050 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	206080		
67	51.7	0.0	101.4	

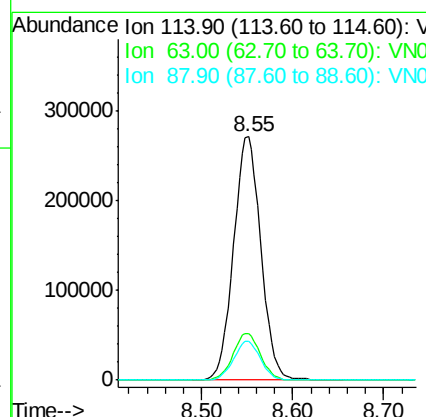
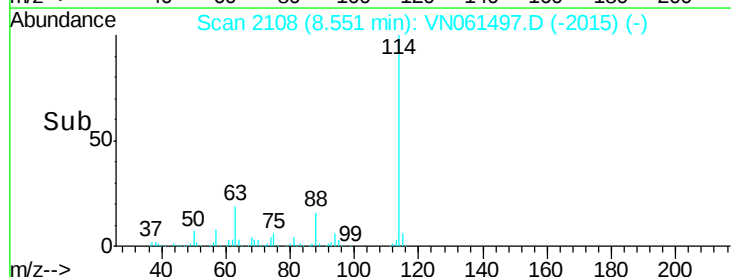
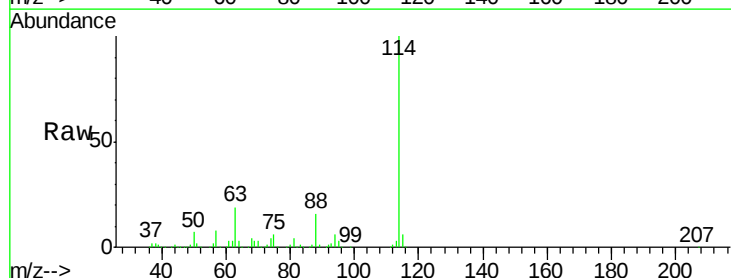
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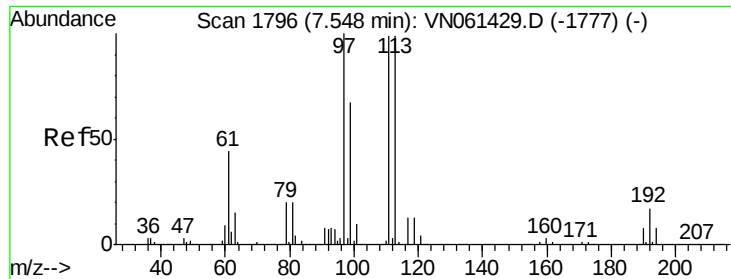
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	564415		
63	18.9	0.0	40.8	
88	15.8	0.0	30.8	





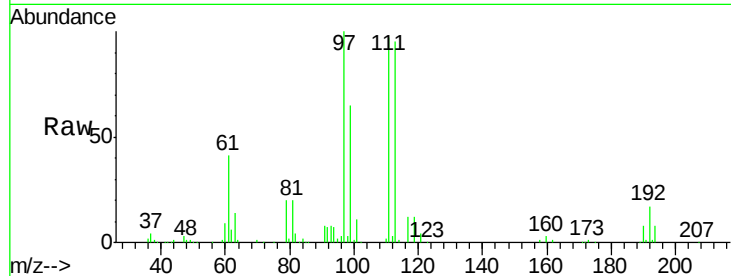
#35
 Dibromofluoromethane
 Concen: 49.570 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

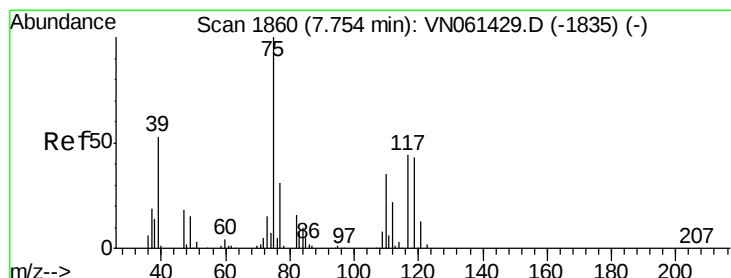
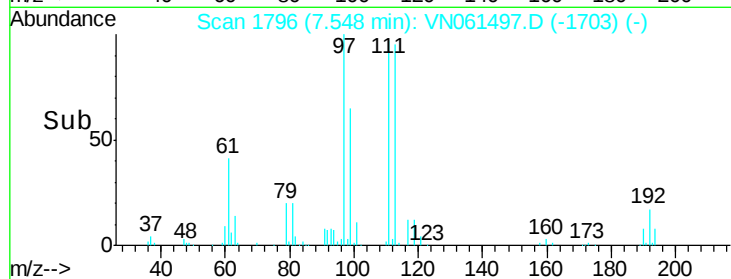
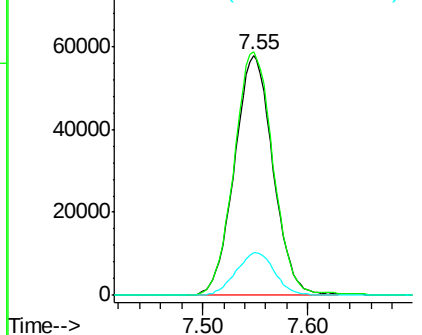
Tot Ion	Ratio	Resp	Lower	Upper
113	100	146570		
111	102.6	80.6	121.0	
192	17.9	13.2	19.8	

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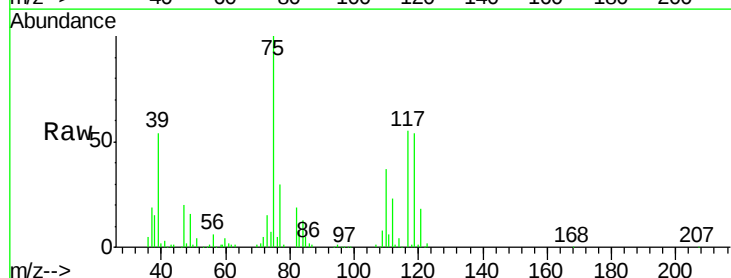


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

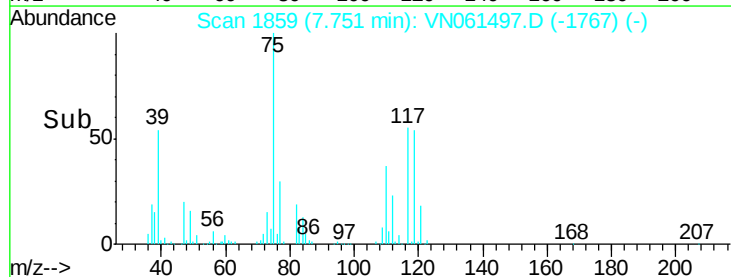
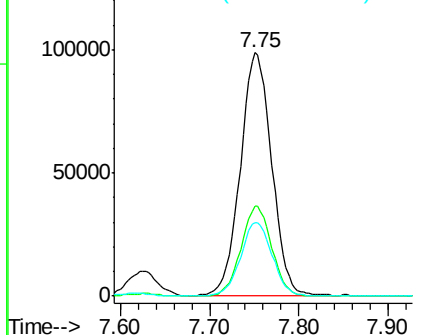


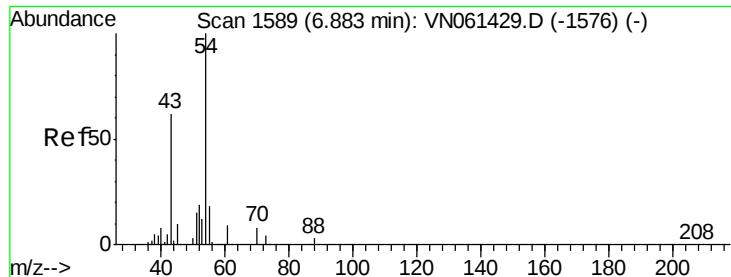
#36
 1,1-Dichloropropene
 Concen: 45.366 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	239419		
110	36.5	17.3	51.9	
77	30.8	24.9	37.3	



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





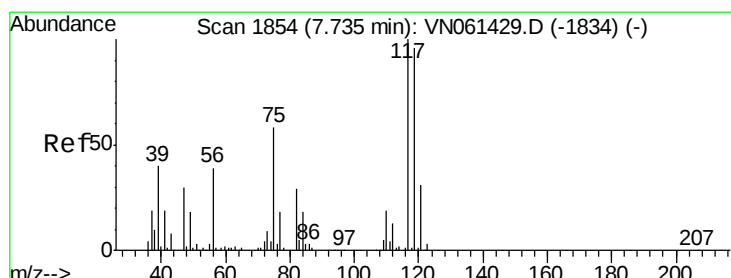
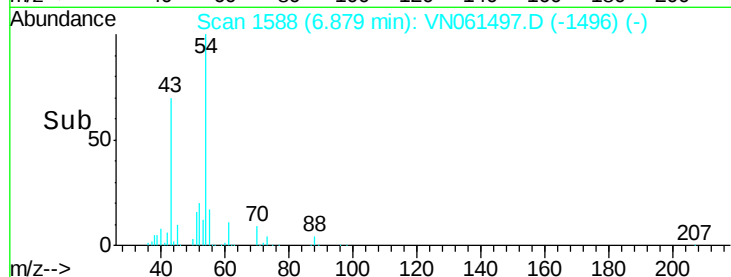
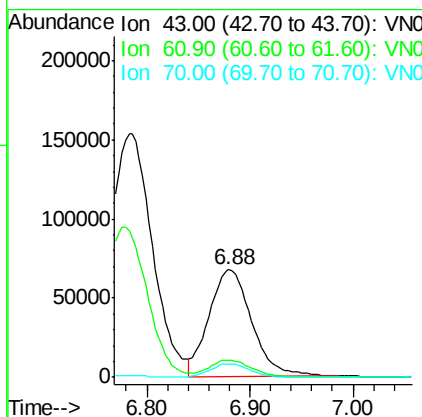
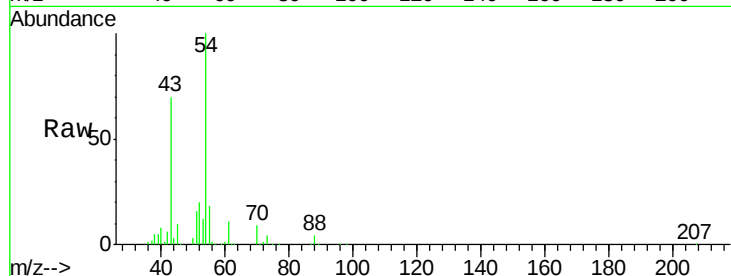
#37
Ethyl Acetate
Concen: 40.660 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.6	11.7	17.5
70	12.1	9.2	13.8

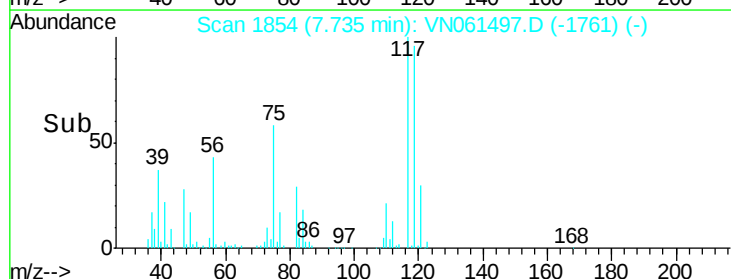
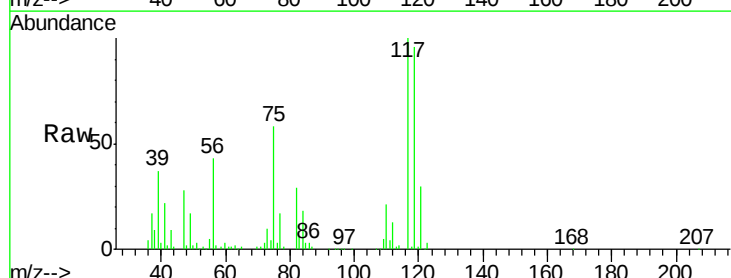
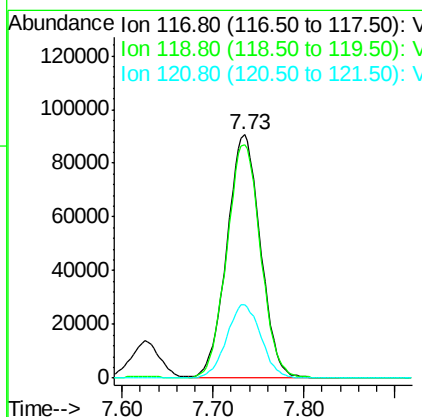
Manual Integrations
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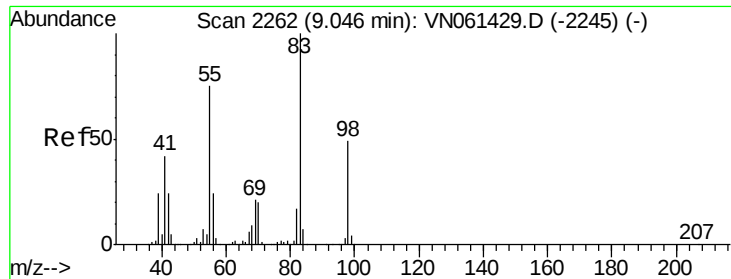
MMDadoda
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#38
Carbon Tetrachloride
Concen: 47.752 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	77.0	115.6
121	30.2	24.7	37.1





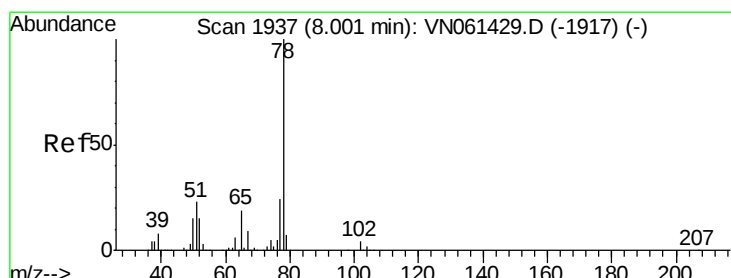
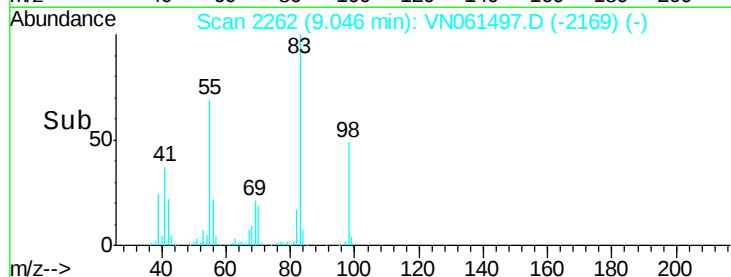
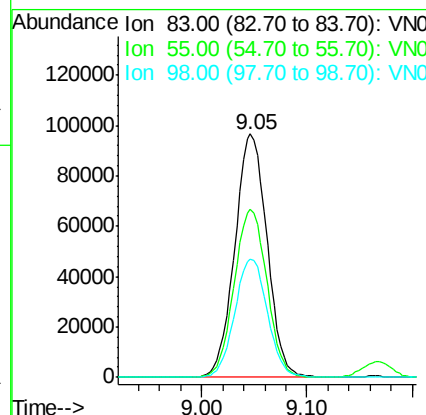
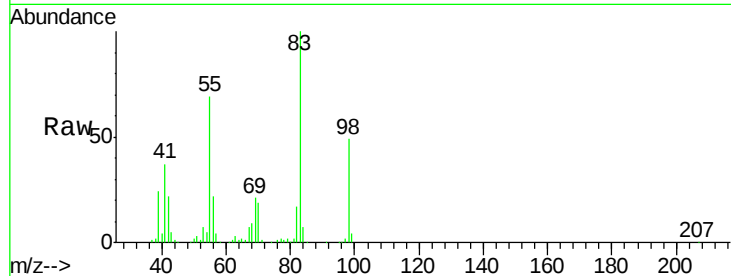
#39
Methvlcvclohexane
Concen: 31.771 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	204796		
55	69.1		59.7	89.5
98	48.6		38.9	58.3

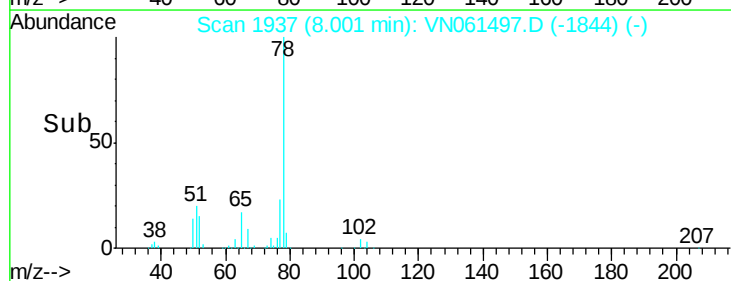
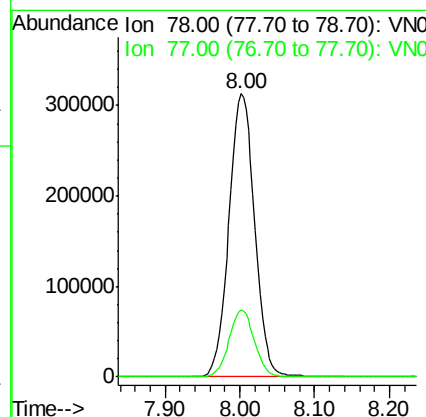
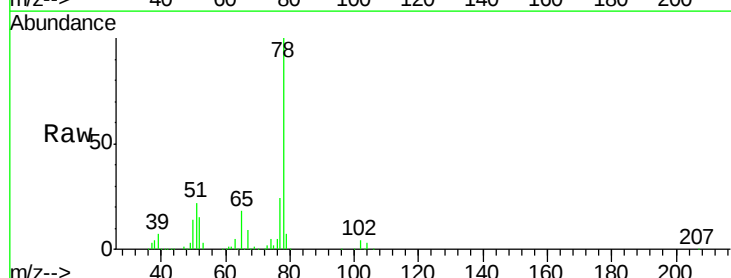
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#40
Benzene
Concen: 46.874 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	745507		
77	23.6		19.1	28.7





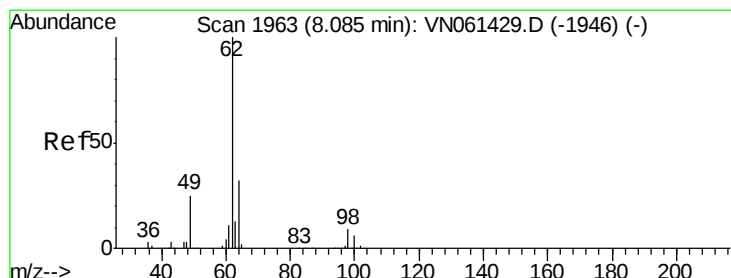
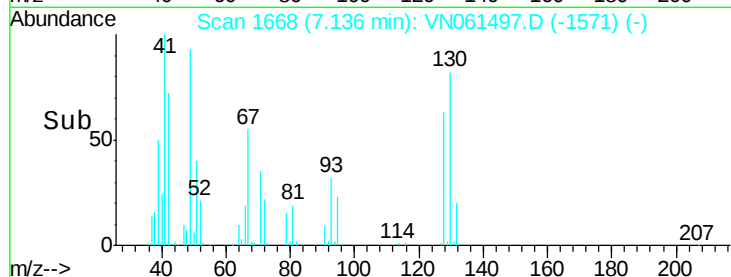
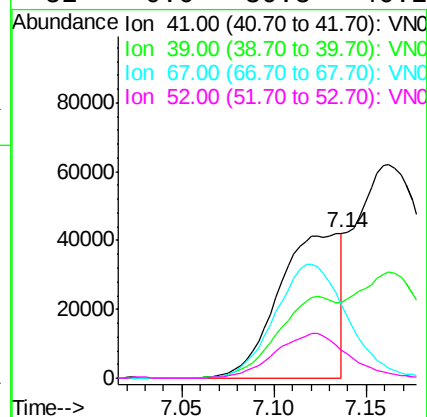
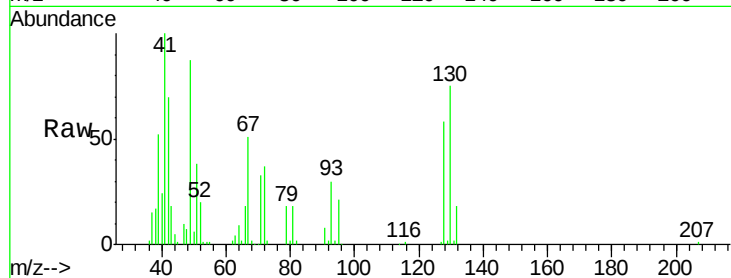
#41
Methacrylonitrile
Concen: 49.169 ug/l m
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.3	72.5#
67	0.0	74.2	111.4#
52	0.0	30.8	46.2#

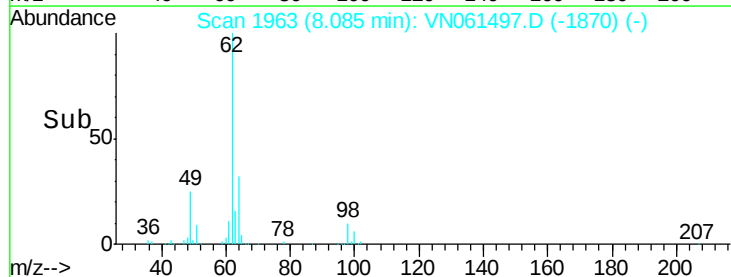
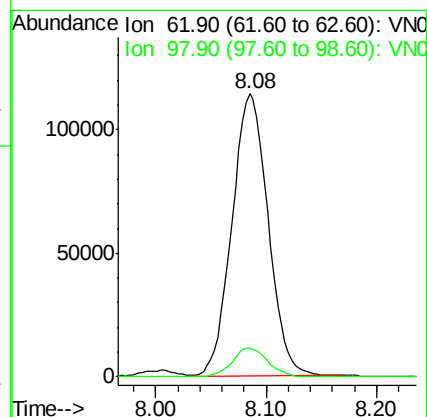
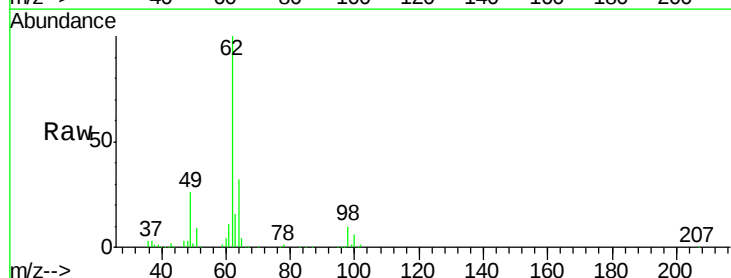
Manual Integrations
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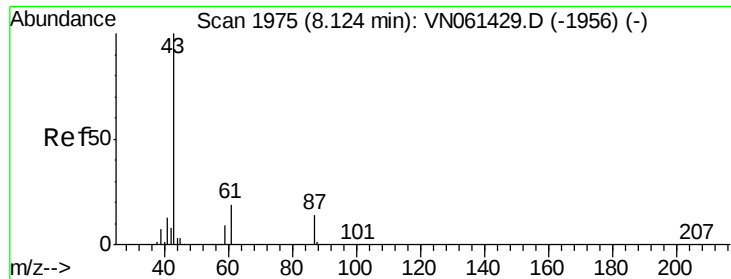
MMDadoda
5/21/2020 1:11:09 PM



#42
1,2-Dichloroethane
Concen: 45.432 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	18.4





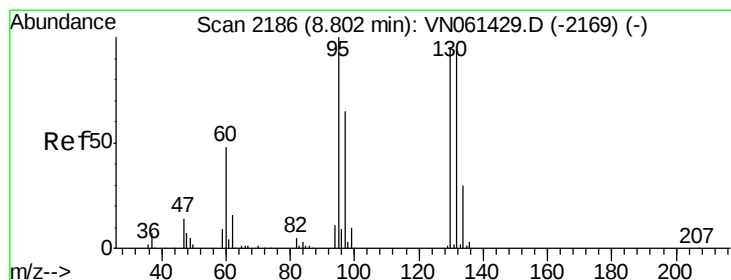
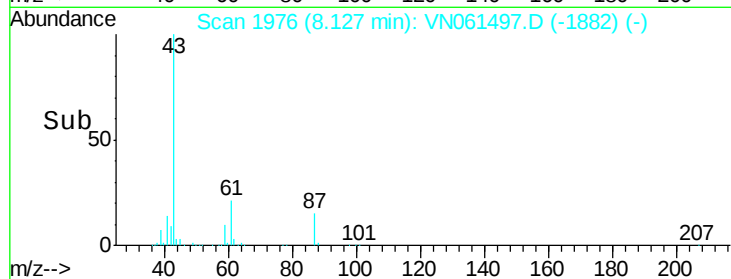
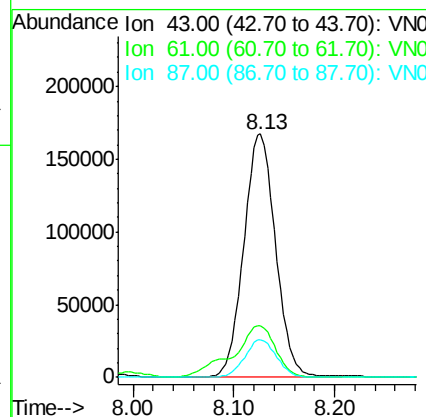
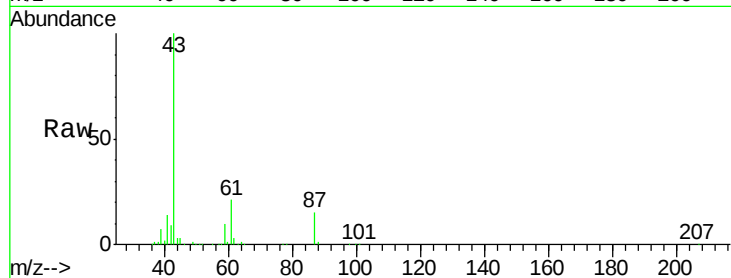
#43
Isopropyl Acetate
Concen: 43.519 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.7	23.0	34.4#
87	15.5	11.6	17.4

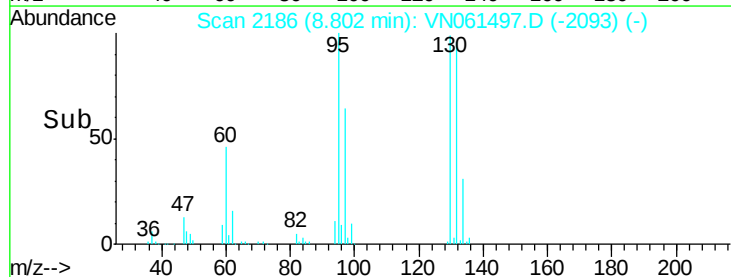
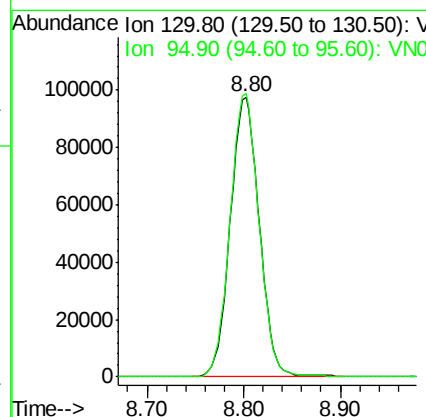
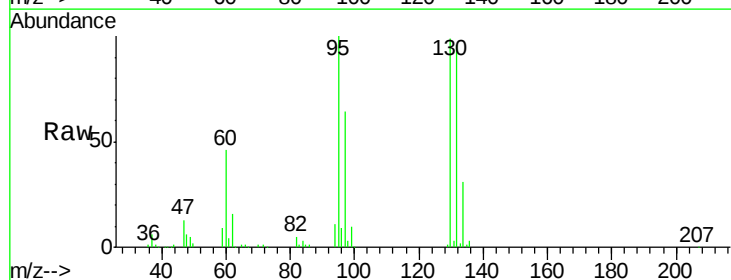
Manual Integrations
APPROVED

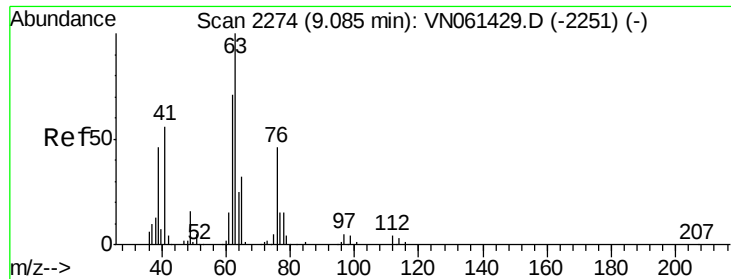
MMDadoda
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#44
Trichloroethene
Concen: 48.742 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	209.8





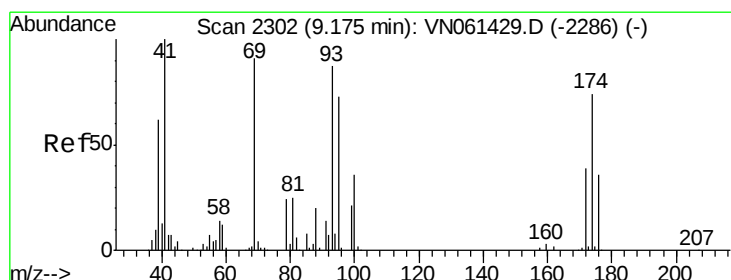
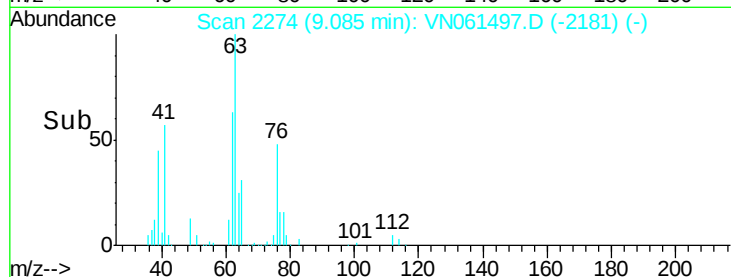
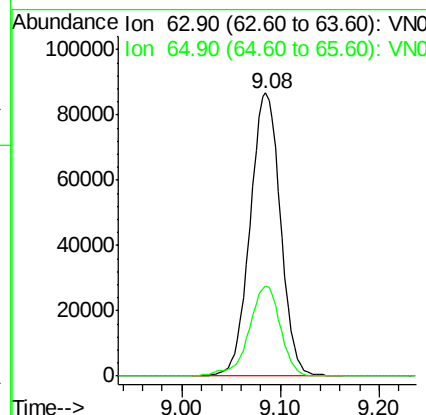
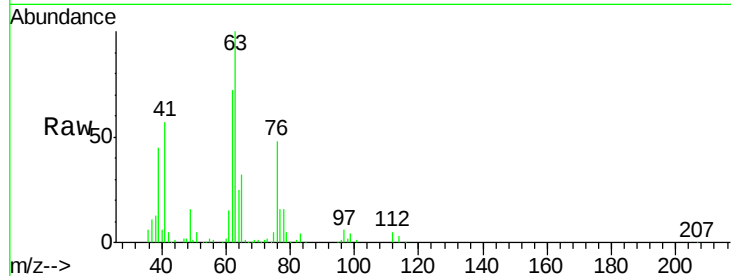
#45
 1,2-Dichloropropane
 Concen: 46.180 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 183837
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.2 37.8

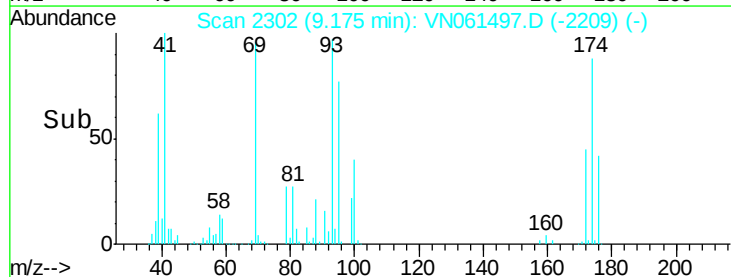
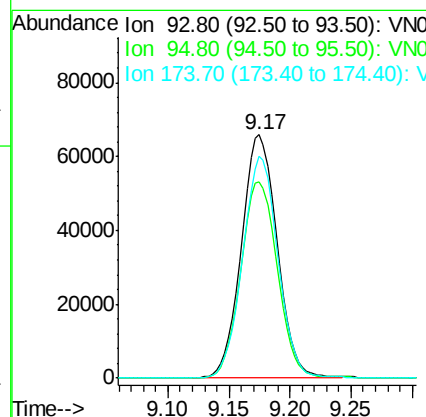
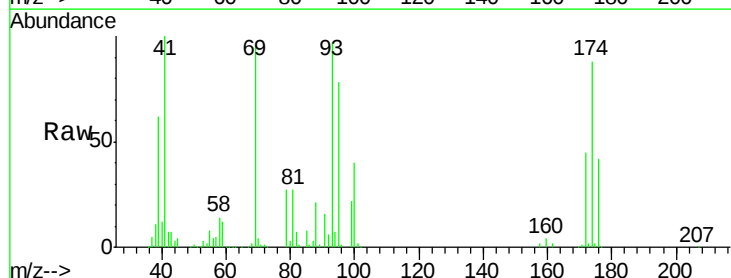
Manual Integrations
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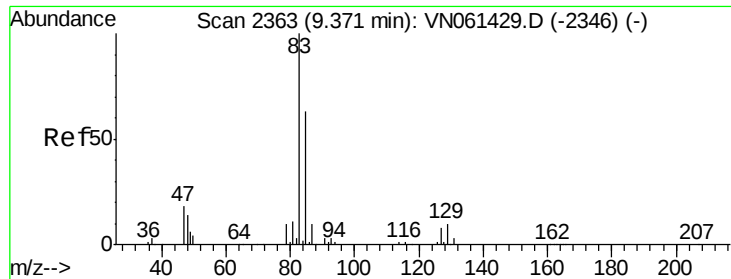
MMDadoda
 5/21/2020 1:11:09 PM



#46
 Dibromomethane
 Concen: 47.862 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion: 93 Resp: 133569
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.6 98.4
 174 89.6 68.0 102.0





#47

Bromodichloromethane

Concen: 47.077 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

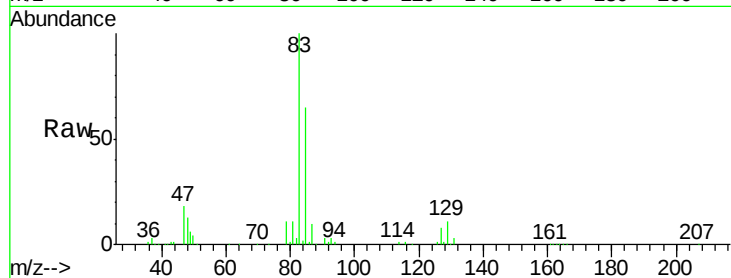
ClientSampleId :

VSTDCCC050EC

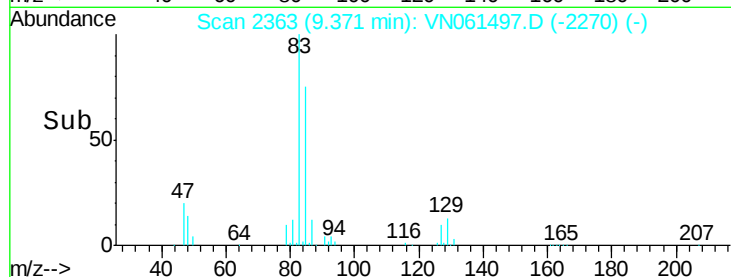
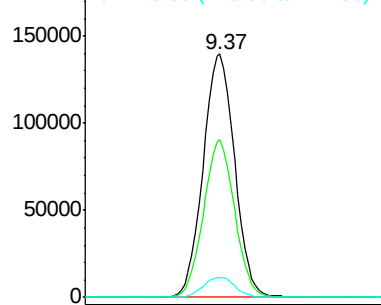
Tot Ion:	83	Resp:	276808
Ion Ratio	Lower	Upper	
83	100		
85	64.6	50.6	76.0
127	8.3	6.1	9.1

Manual Integrations
APPROVED

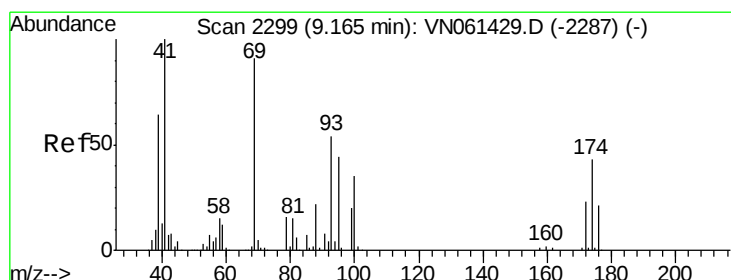
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VN061497.D (-2270) (-)



Time-->



#48

Methyl methacrylate

Concen: 42.996 ug/l

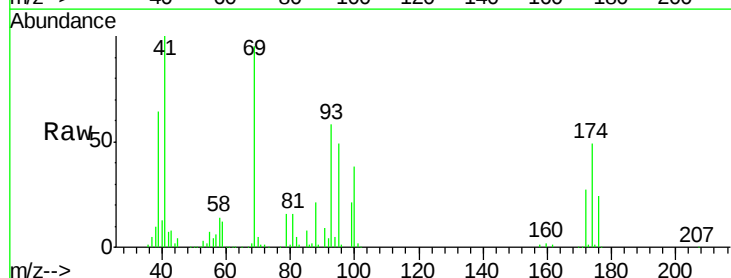
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

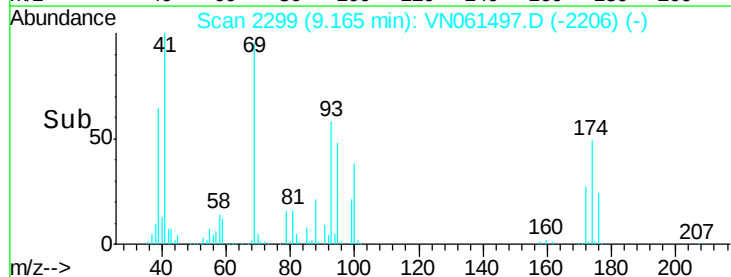
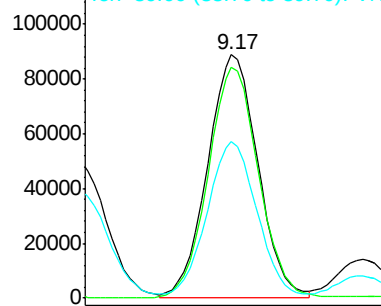
Lab File: VN061497.D

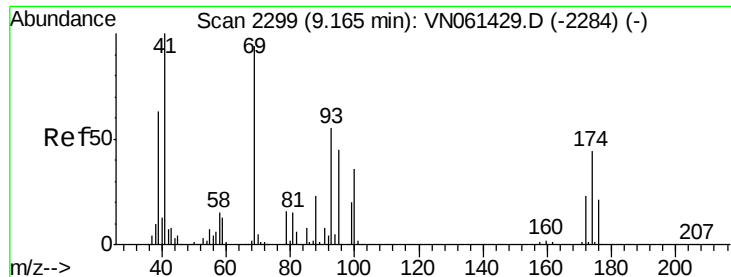
Acq: 19 May 2020 20:37

Tgt Ion:	41	Resp:	165803
Ion Ratio	Lower	Upper	
41	100		
69	96.6	75.3	112.9
39	64.5	52.6	79.0



Abundance Ion 41.00 (40.70 to 41.70): VN061497.D (-2206) (-)





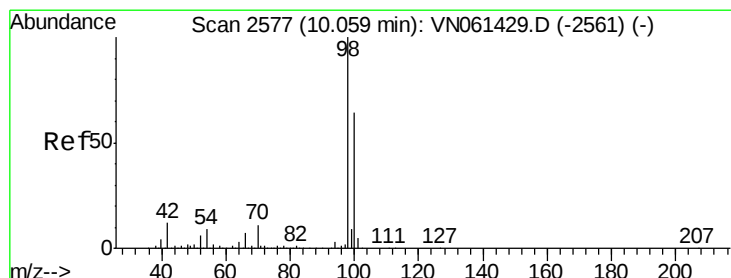
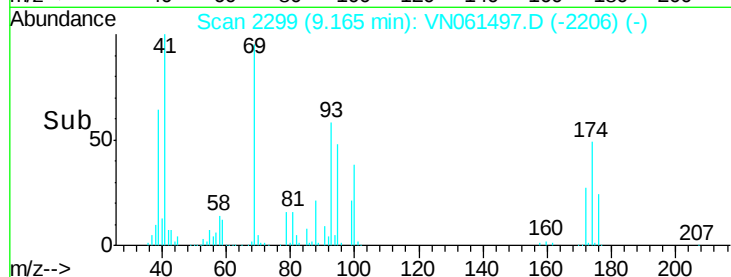
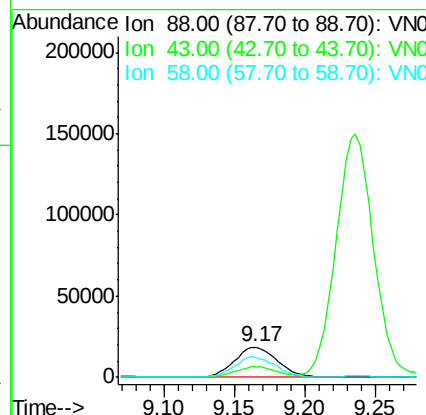
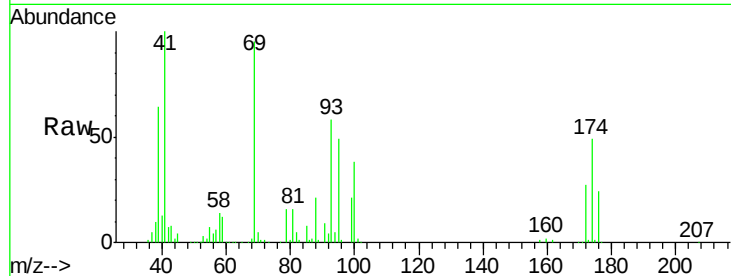
#49
1,4-Dioxane
Concen: 972.765 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.2	26.3	39.5
58	65.8	54.1	81.1

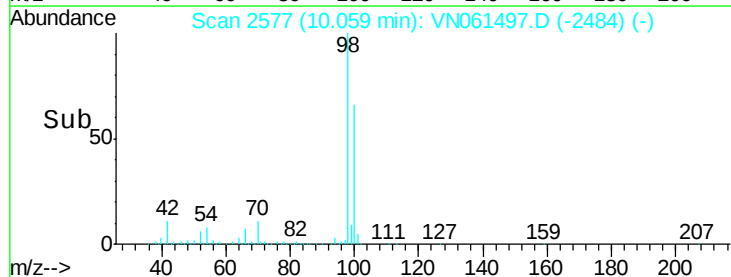
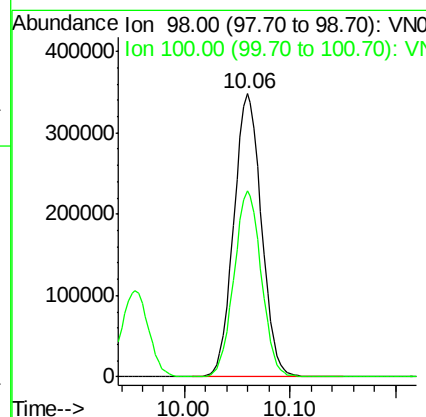
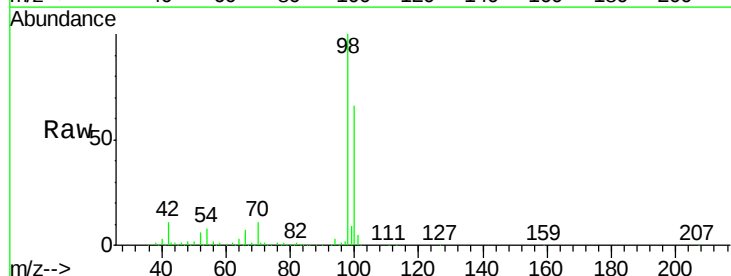
Manual Integrations
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#50
Toluene-d8
Concen: 46.027 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 222.276 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1010781

Ion Ratio Lower Upper

43 100

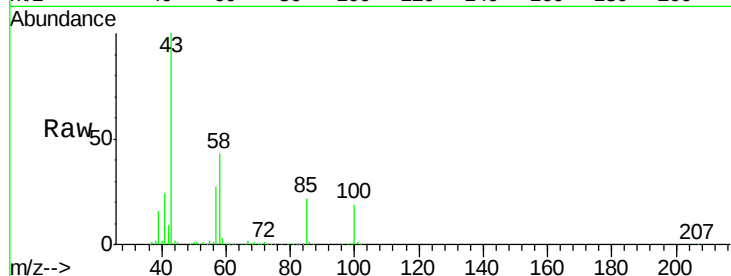
58 43.0 33.4 50.2

Manual Integrations

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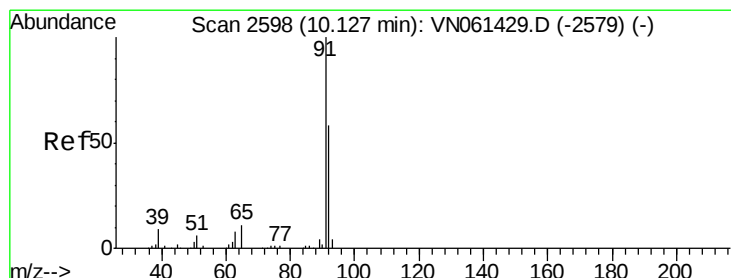
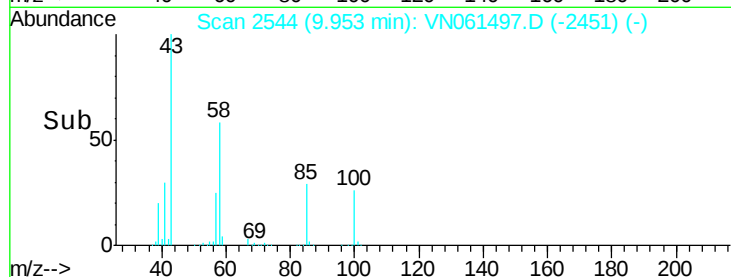
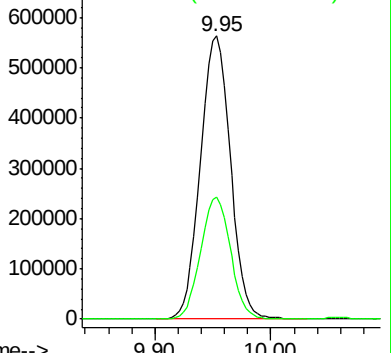
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 47.002 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061497.D

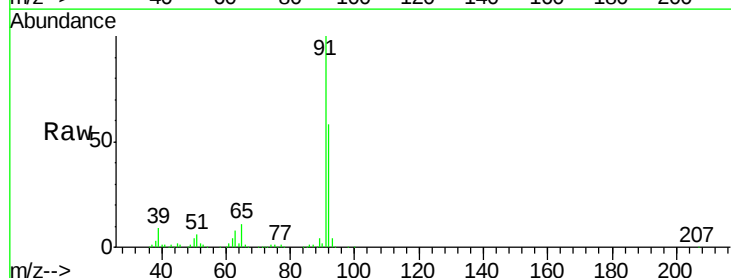
Acq: 19 May 2020 20:37

Tgt Ion: 92 Resp: 479930

Ion Ratio Lower Upper

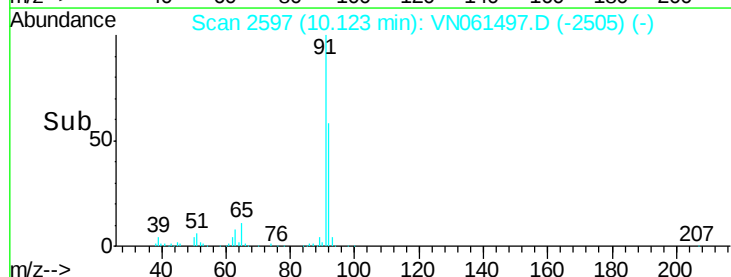
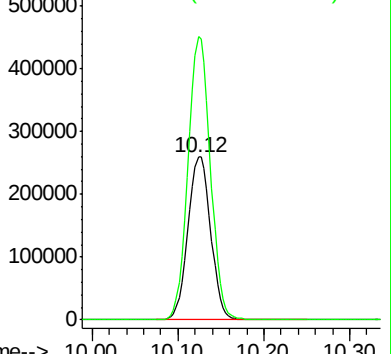
92 100

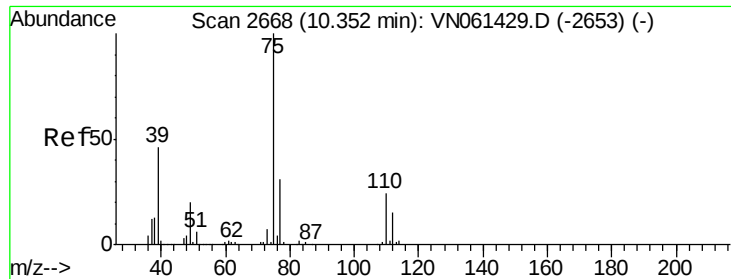
91 170.0 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





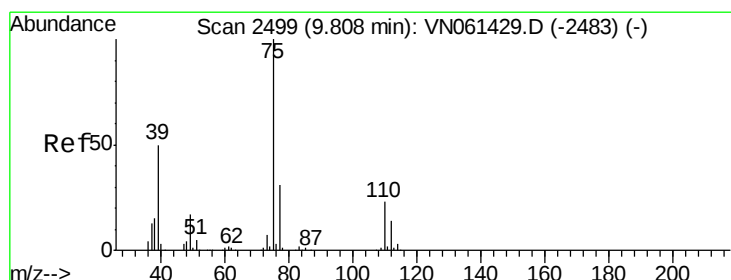
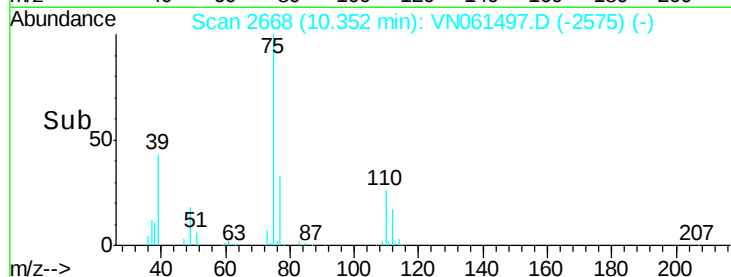
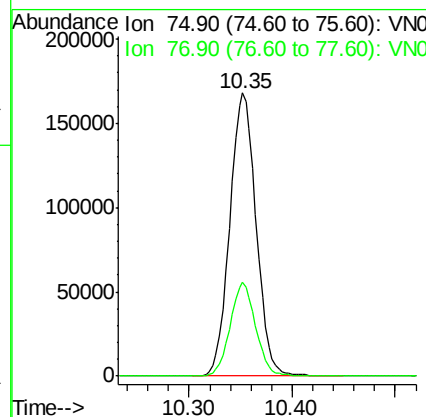
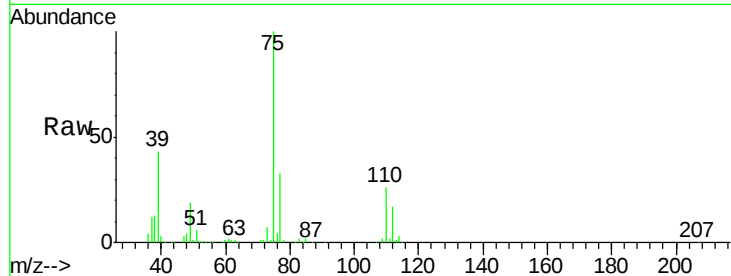
#53
t-1,3-Dichloropropene
Concen: 46.386 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 298940
Ion Ratio Lower Upper
75 100
77 33.0 24.8 37.2

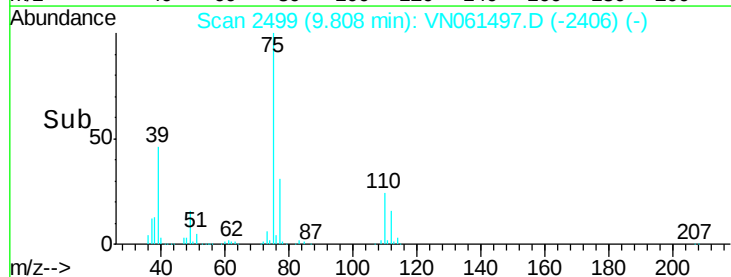
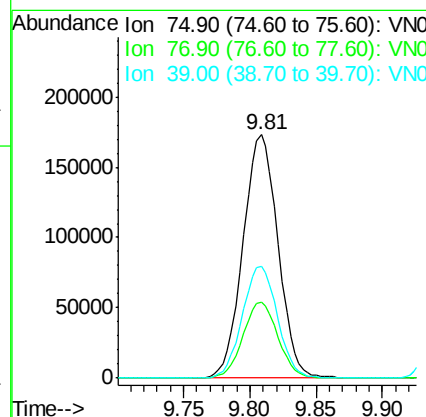
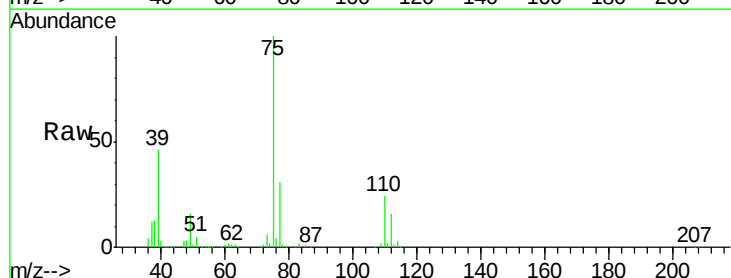
Manual Integrations
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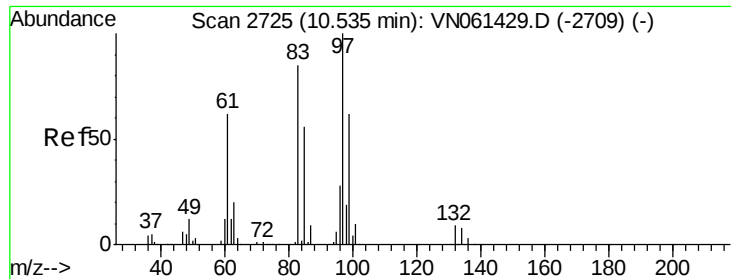
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#54
cis-1,3-Dichloropropene
Concen: 46.456 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 75 Resp: 318261
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2
39 46.0 39.8 59.6





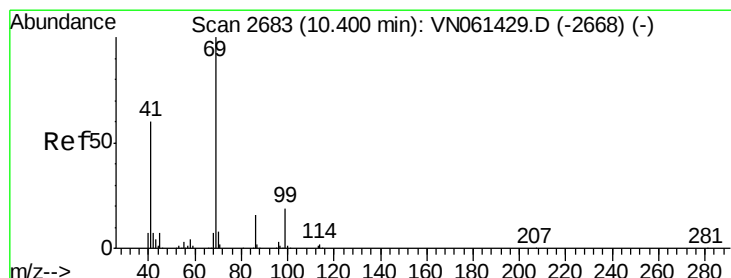
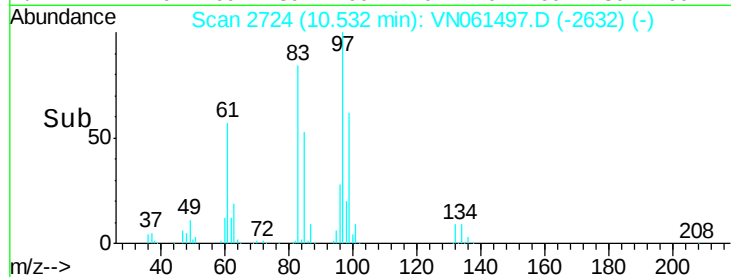
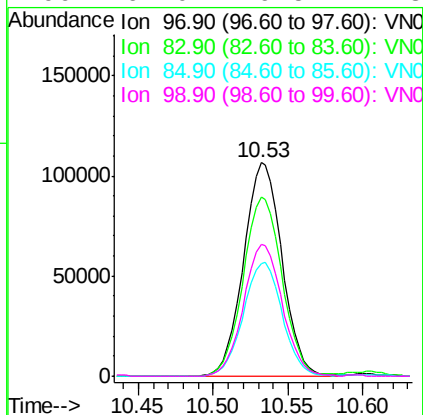
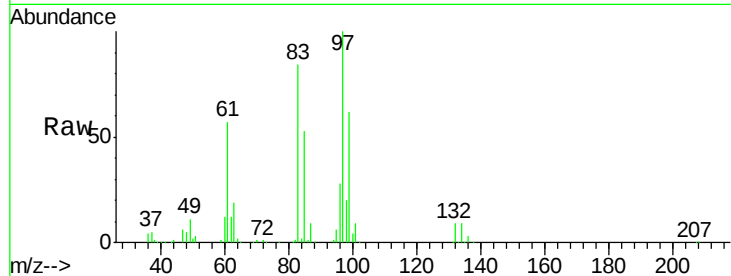
#55
 1,1,2-Trichloroethane
 Concen: 49.468 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	190965
Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.2	102.4
85	53.0	44.6	67.0
99	62.0	49.5	74.3

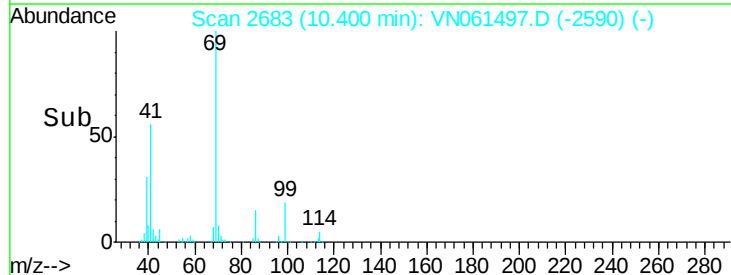
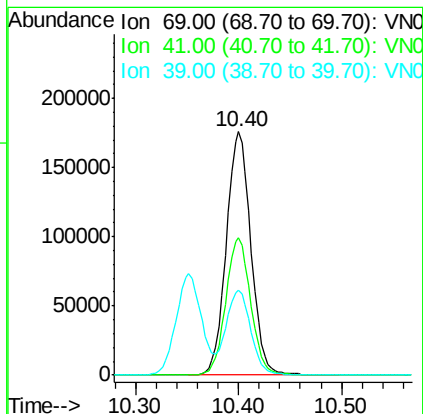
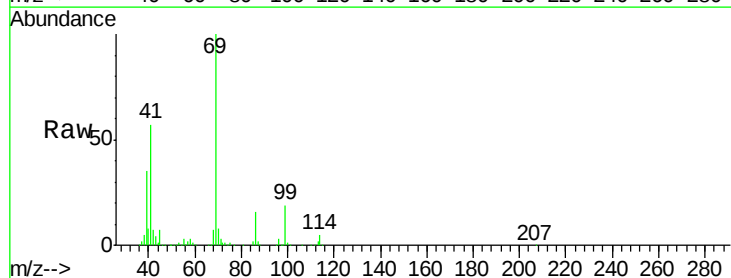
Manual Integrations
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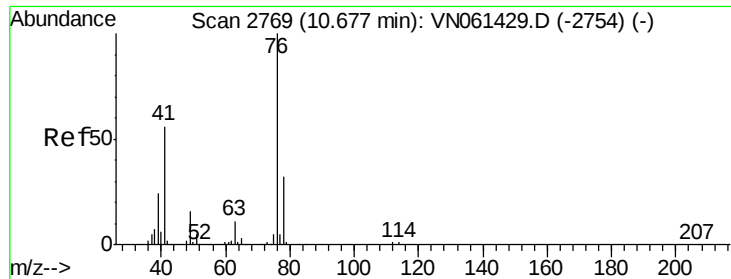
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 48.419 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion:	69	Resp:	292221
Ion	Ratio	Lower	Upper
69	100		
41	56.3	48.3	72.5
39	34.9	30.2	45.2





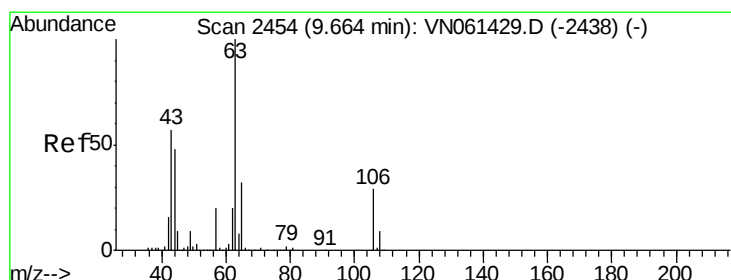
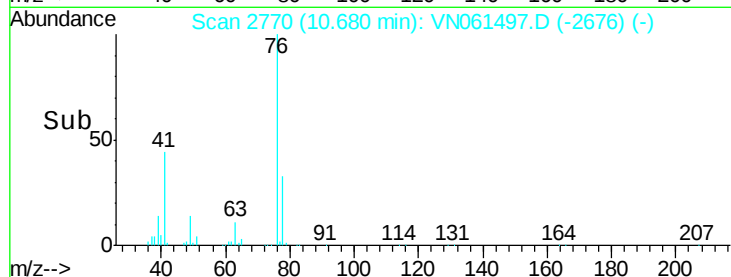
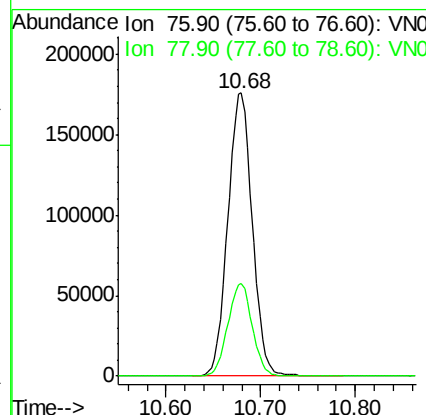
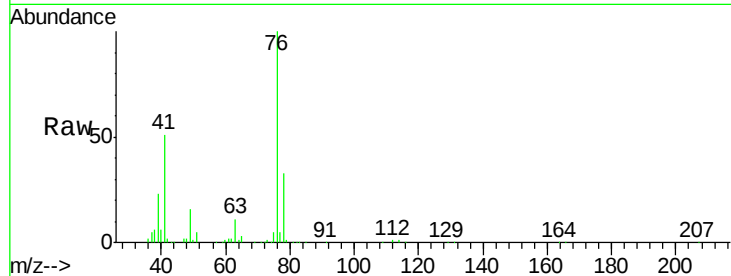
#57
 1,3-Dichloropropane
 Concen: 47.286 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 315469
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.0 39.0

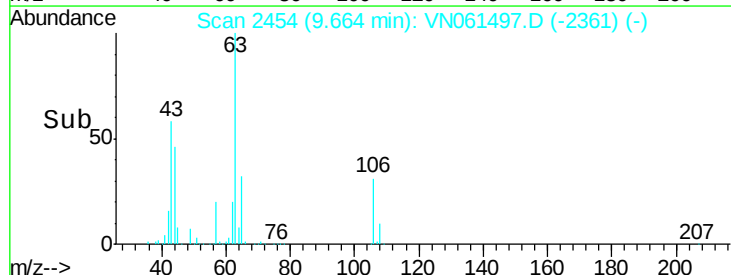
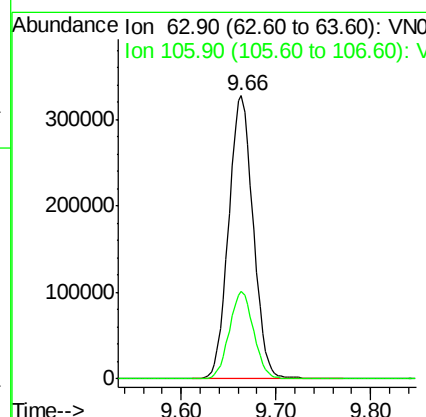
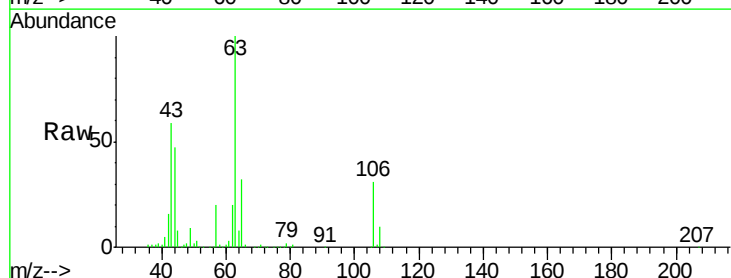
Manual Integrations
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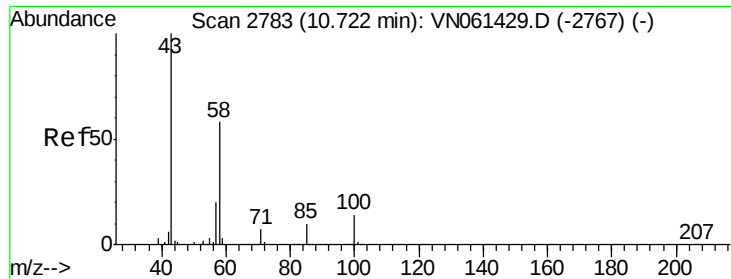
MMDadoda
 5/21/2020 1:11:09 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 223.153 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion: 63 Resp: 591154
 Ion Ratio Lower Upper
 63 100
 106 30.6 22.7 34.1





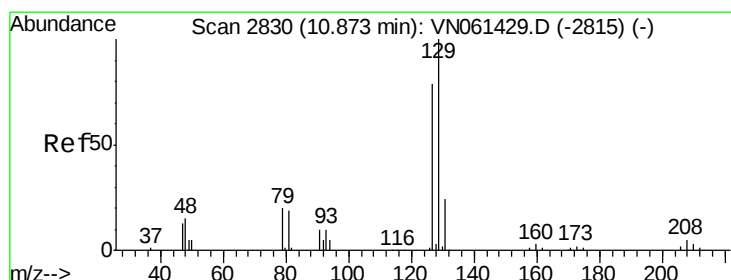
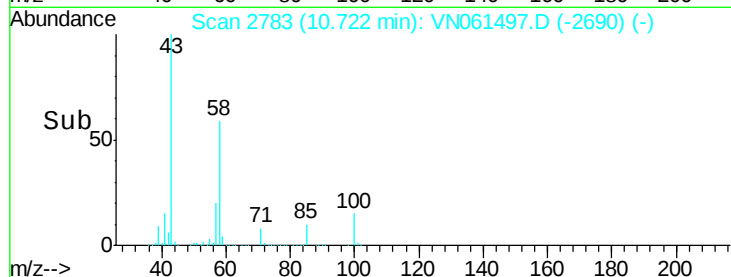
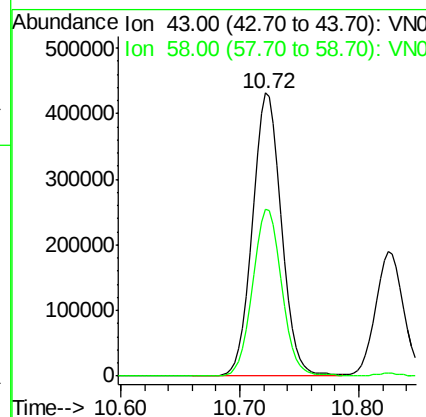
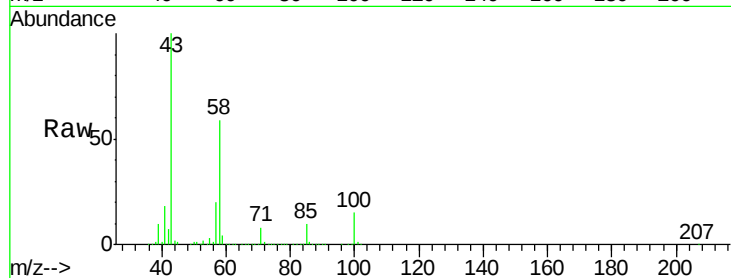
#59
2-Hexanone
Concen: 220.805 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	726448
Ion Ratio	43	100	
Lower	58	59.5	29.2
Upper			87.6

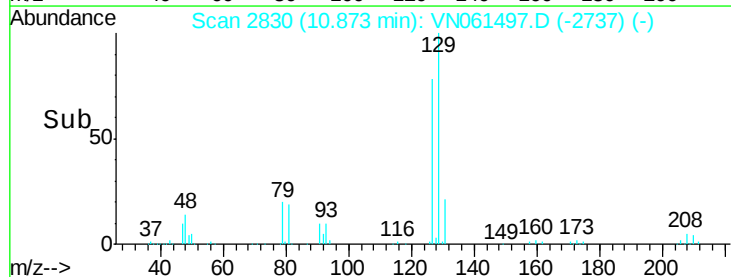
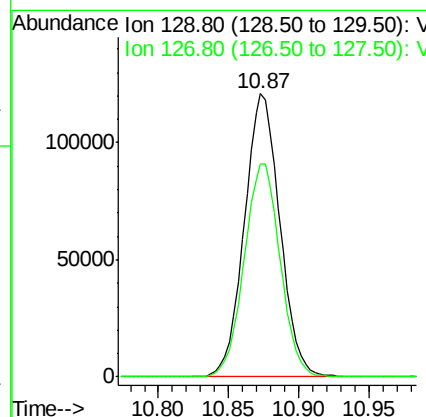
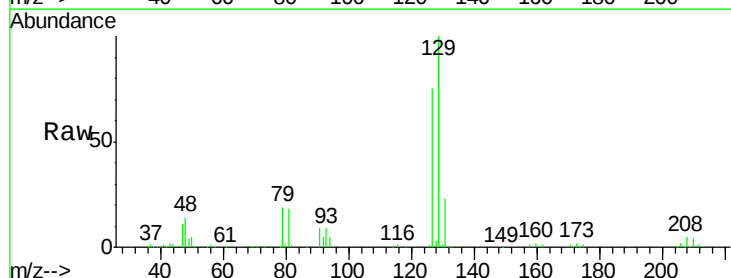
Manual Integrations
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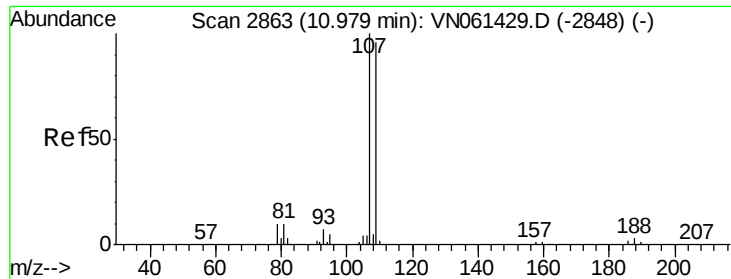
MMDadoda
5/21/2020 1:11:09 PM



#60
Dibromochloromethane
Concen: 49.942 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	129	Resp	213260
Ion Ratio	129	100	
Lower	127	76.4	38.8
Upper			116.3





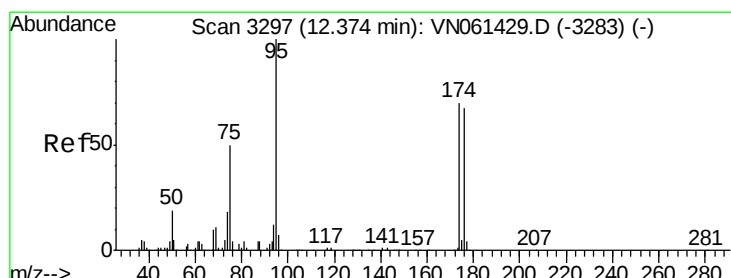
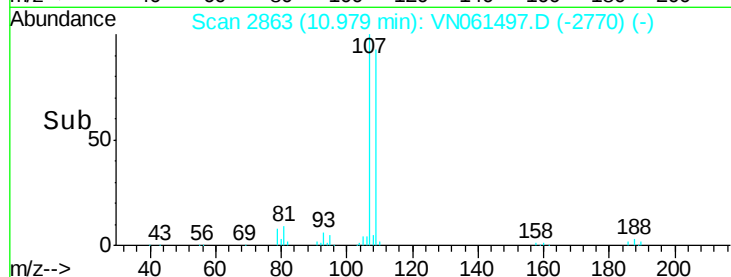
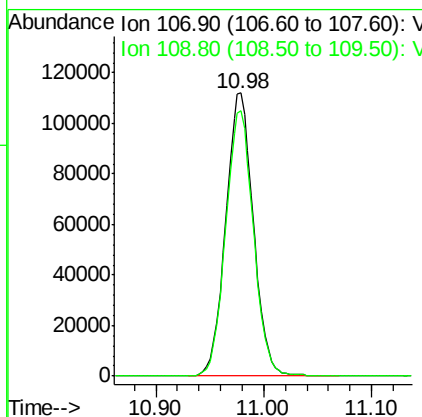
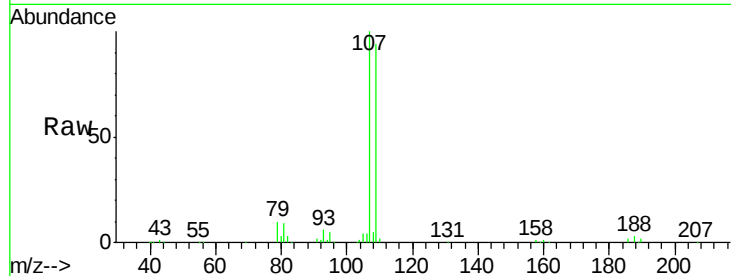
#61
 1,2-Dibromoethane
 Concen: 49.262 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.5	75.7	113.5

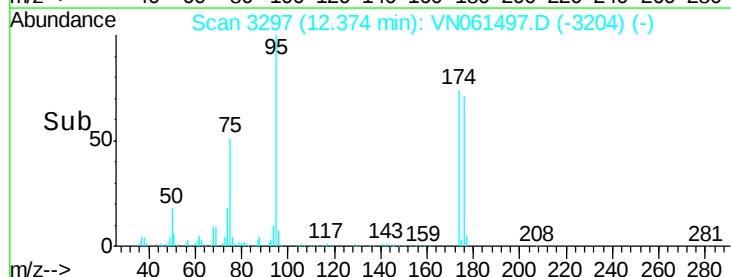
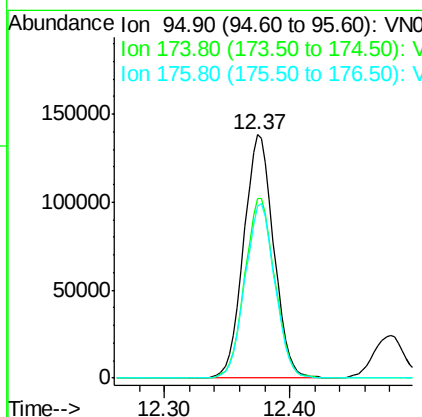
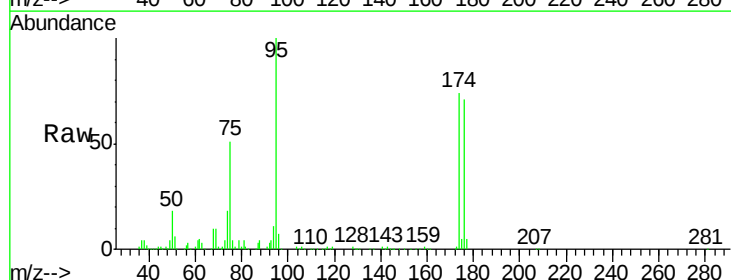
Manual Integrations
 APPROVED

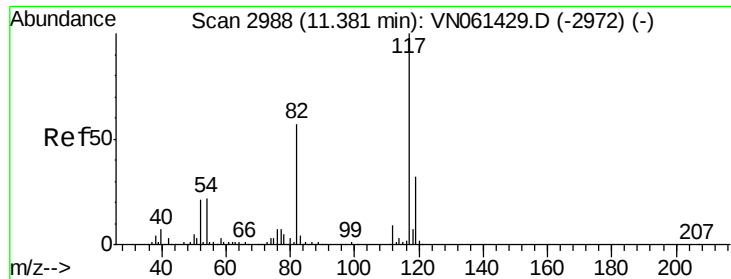
MMDadoda
 5/21/2020 1:11:09 PM



#62
 4-Bromofluorobenzene
 Concen: 44.824 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.1	0.0	141.2
176	71.7	0.0	137.6





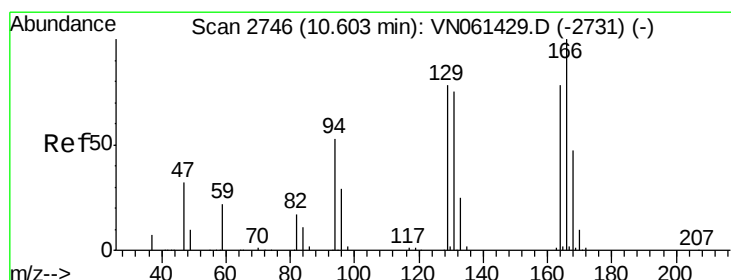
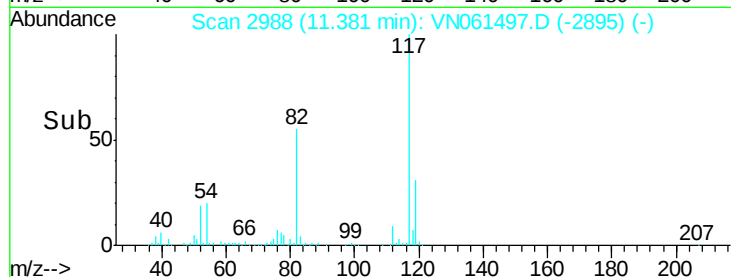
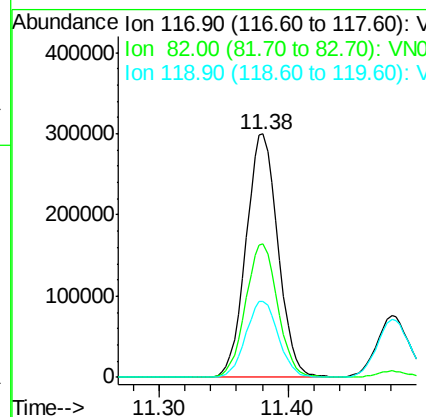
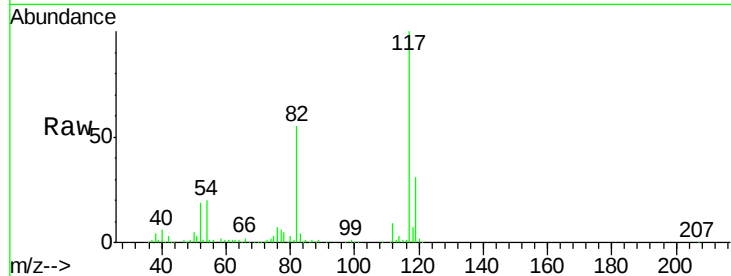
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	516857		
82	54.6	45.2	67.8	
119	31.4	25.3	37.9	

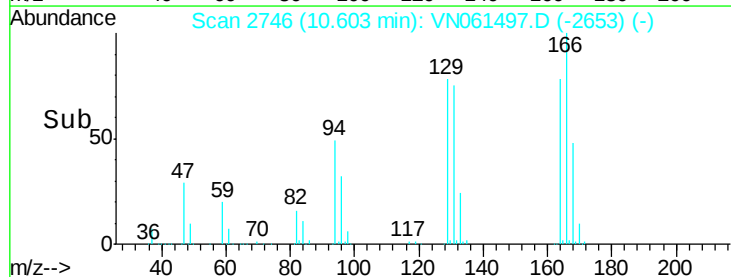
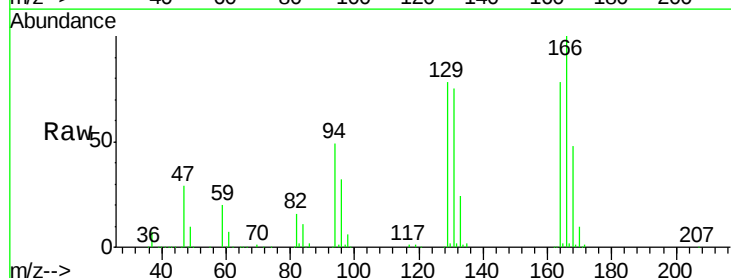
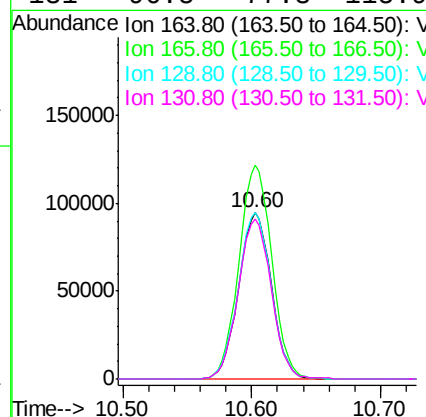
Manual Integrations
APPROVED

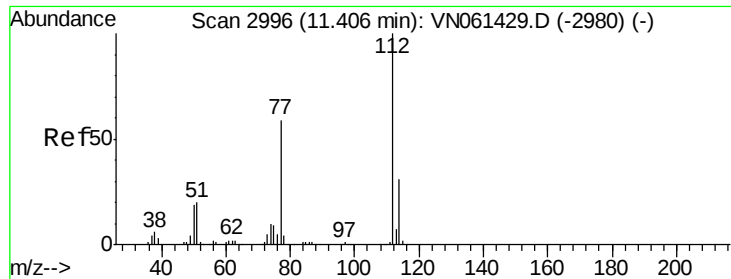
MMDadoda
5/21/2020 1:11:09 PM



#64
Tetrachloroethene
Concen: 41.912 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	167589		
166	128.8	103.2	154.8	
129	100.4	81.0	121.4	
131	96.5	77.3	115.9	





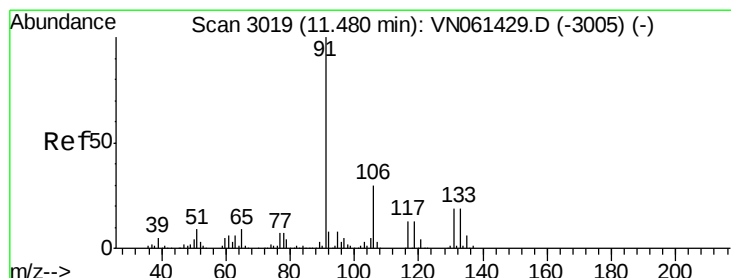
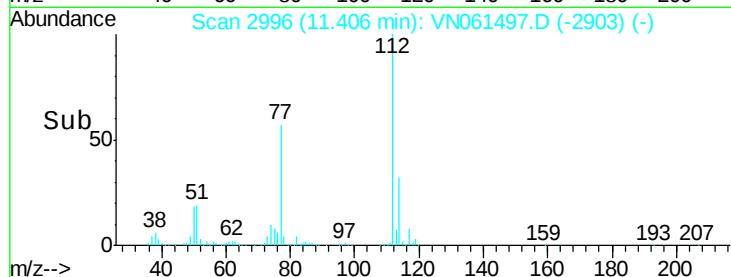
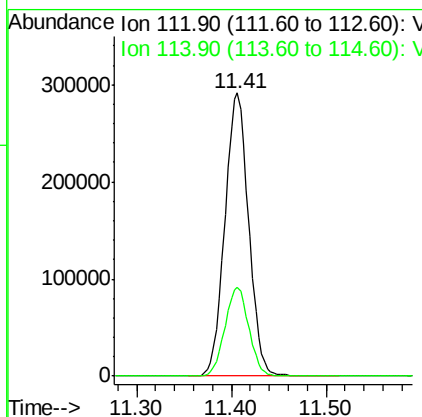
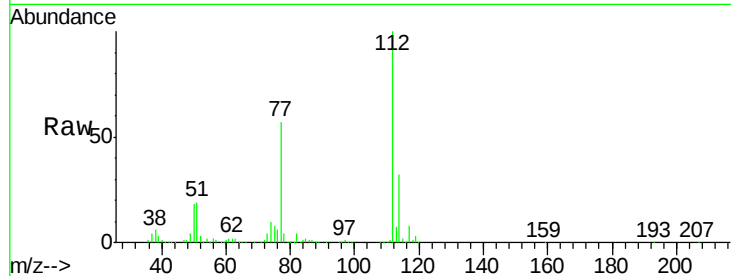
#65
Chlorobenzene
Concen: 48.252 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 508567
Ion Ratio Lower Upper
112 100
114 31.5 25.0 37.6

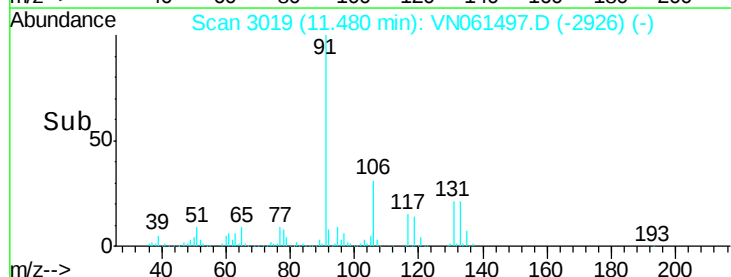
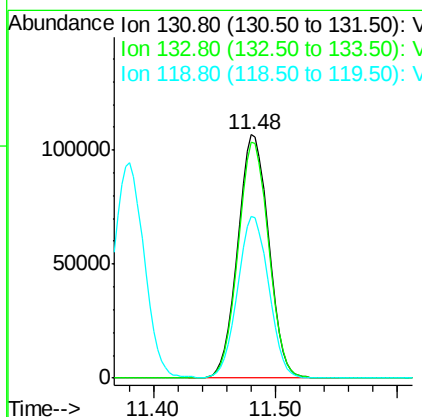
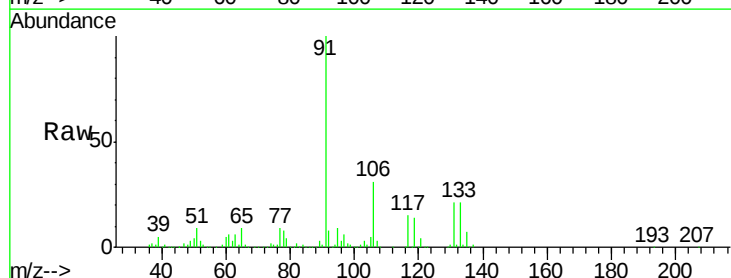
Manual Integrations
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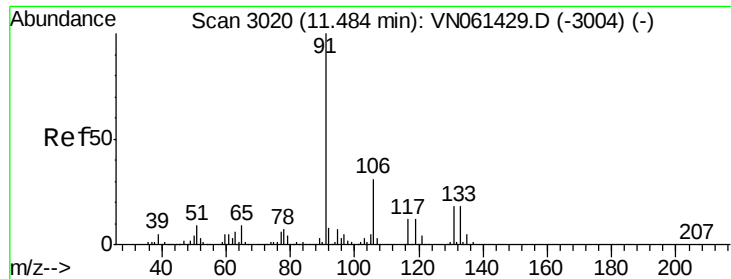
MMDadoda
5/21/2020 1:11:09 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.496 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion:131 Resp: 187026
Ion Ratio Lower Upper
131 100
133 96.0 48.7 146.1
119 66.7 33.8 101.3





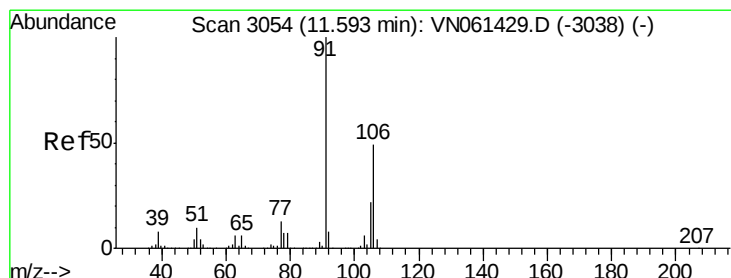
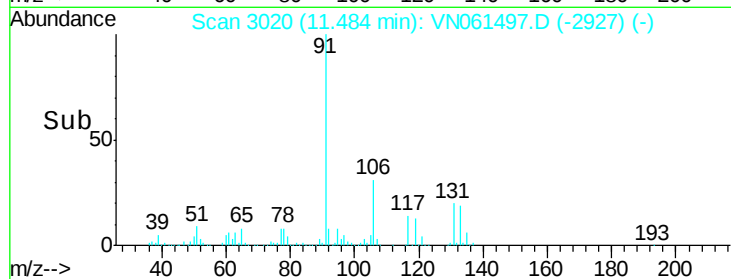
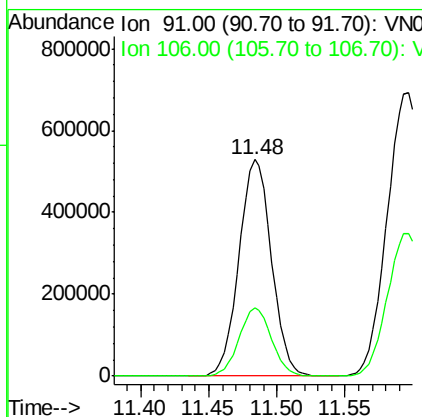
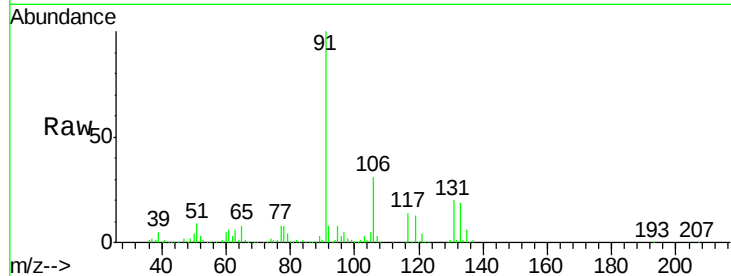
#67
Ethyl Benzene
Concen: 45.494 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 875270
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8

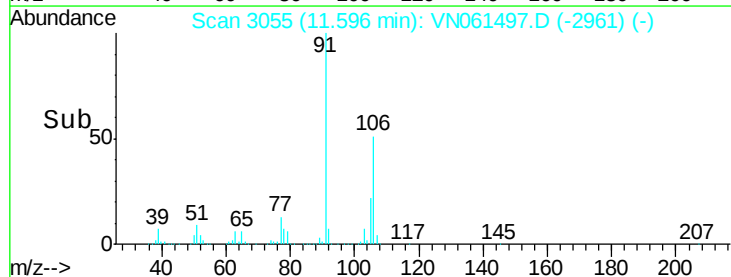
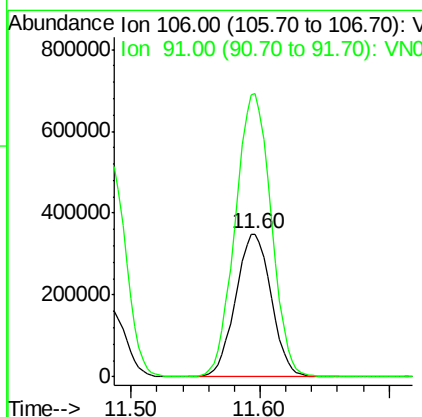
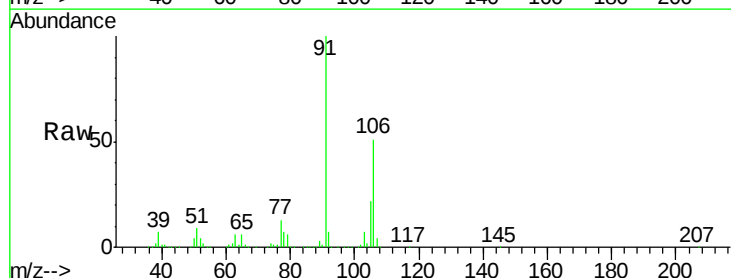
Manual Integrations
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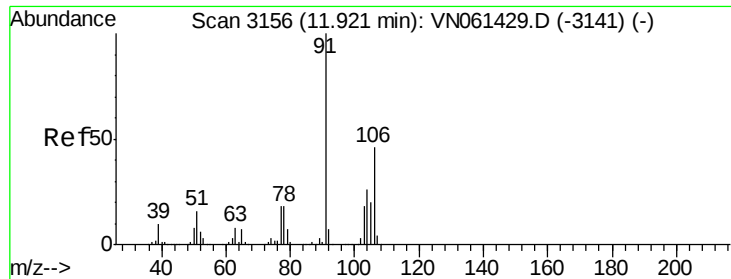
MMDadoda
5/21/2020 1:11:09 PM



#68
m/p-Xylenes
Concen: 91.638 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion: 106 Resp: 669210
Ion Ratio Lower Upper
106 100
91 199.9 163.0 244.6





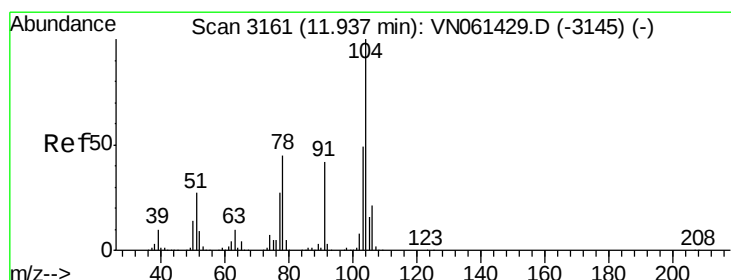
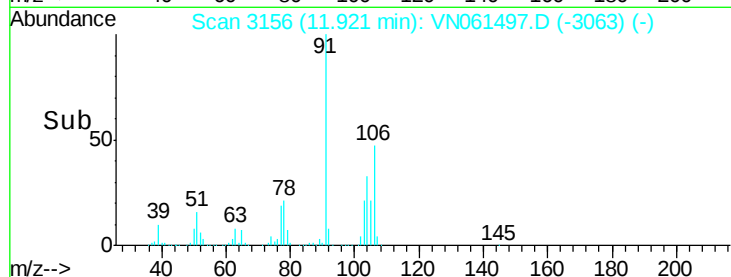
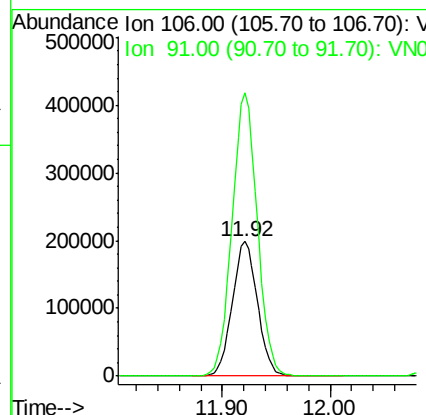
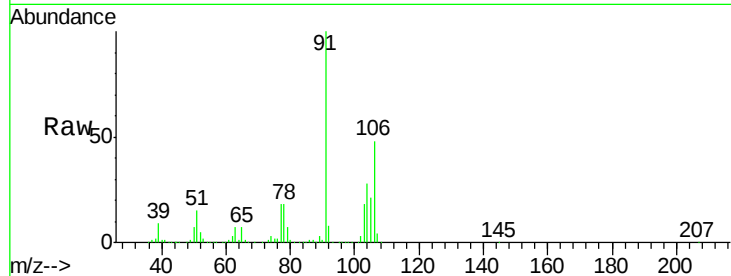
#69
o-Xylene
Concen: 45.807 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	209.8	107.9	323.7		

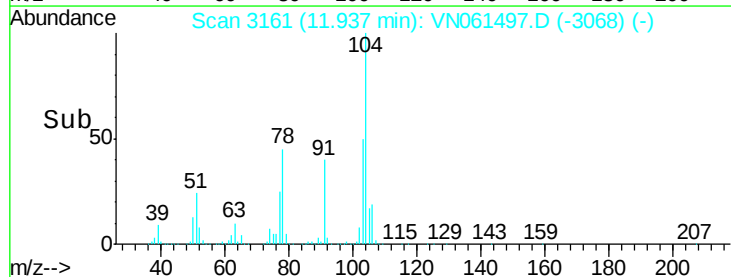
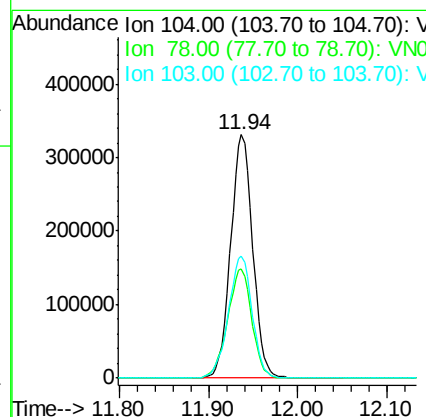
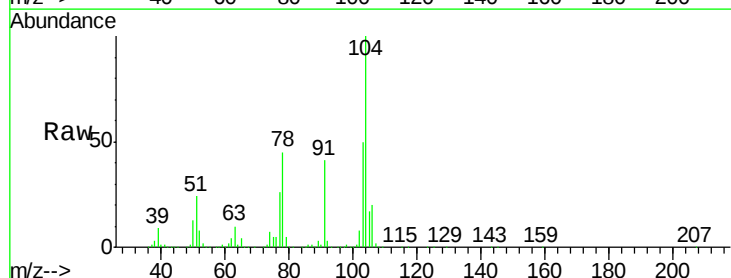
Manual Integrations
APPROVED

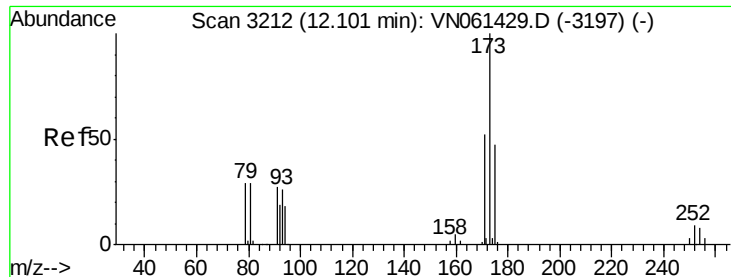
MMDadoda
5/21/2020 1:11:09 PM



#70
Styrene
Concen: 48.338 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	49.3	40.7	61.1		
103	53.9	43.0	64.4		





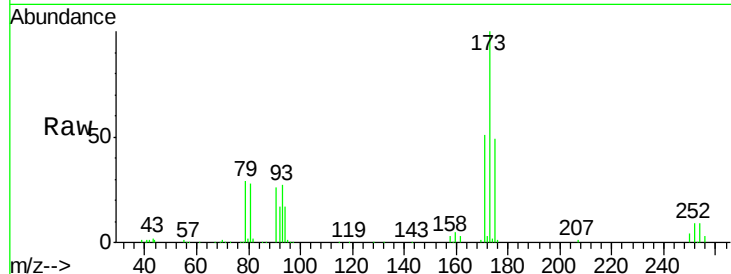
#71
Bromoform
Concen: 46.338 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	23.9	71.8
254	0.0	0.0	0.0

Manual Integrations
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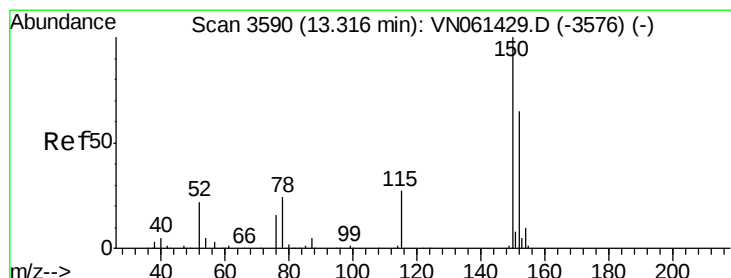
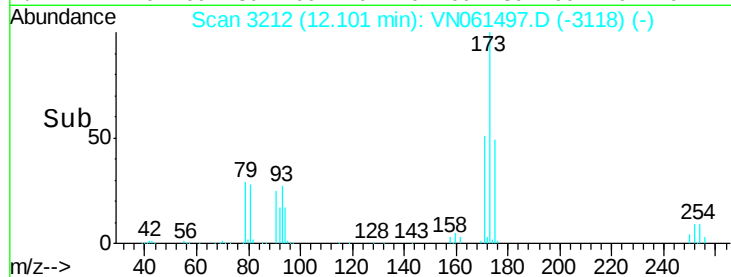
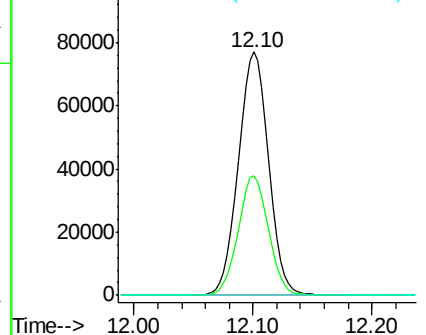


Abundance

Ion 172.70 (172.40 to 173.40): V

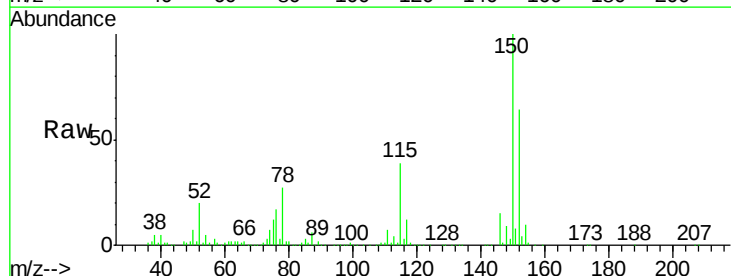
Ion 174.70 (174.40 to 175.40): V

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: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.9	92.5
150	171.5	0.0	349.2

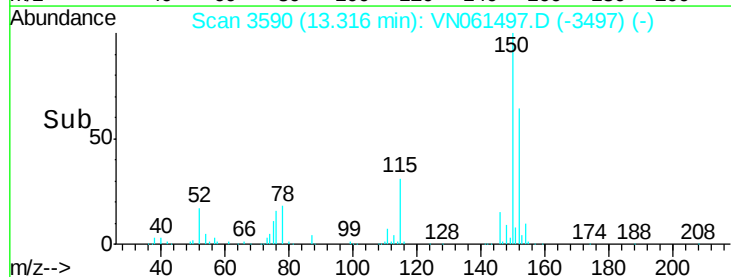
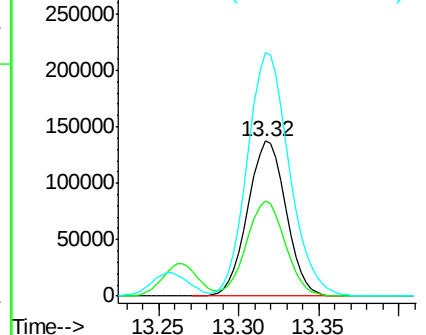


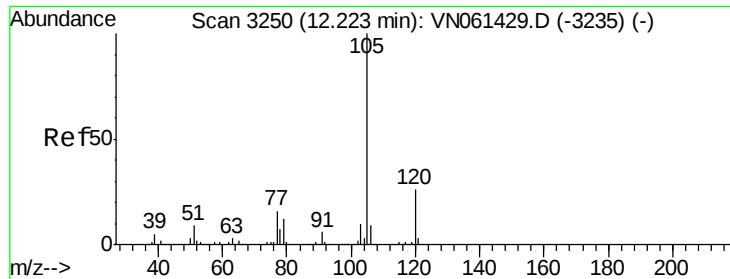
Abundance

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





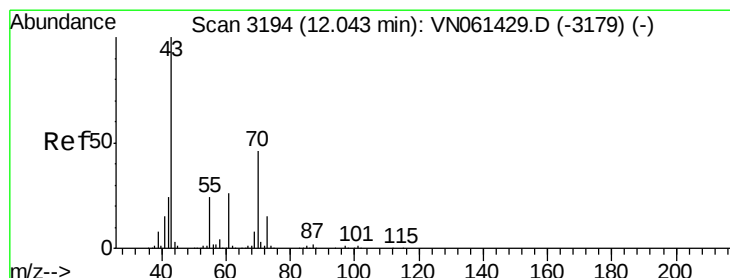
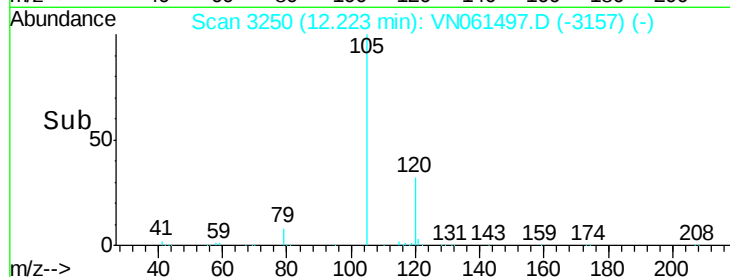
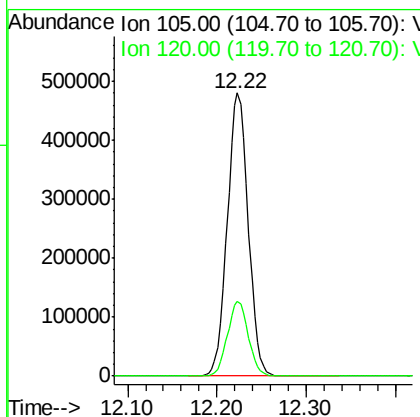
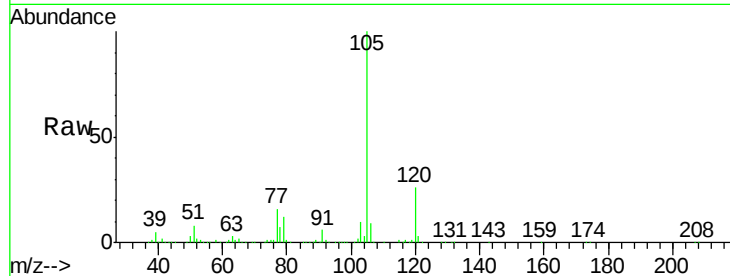
#73
Isopropylbenzene
Concen: 42.888 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.5	13.0	39.0

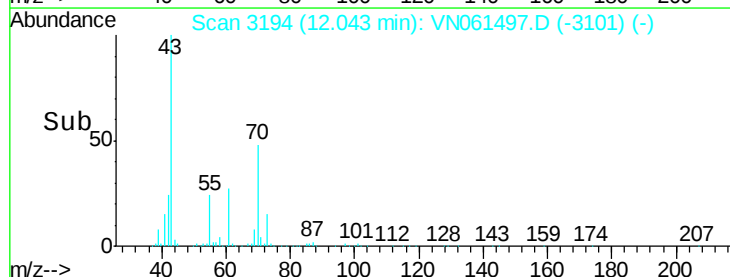
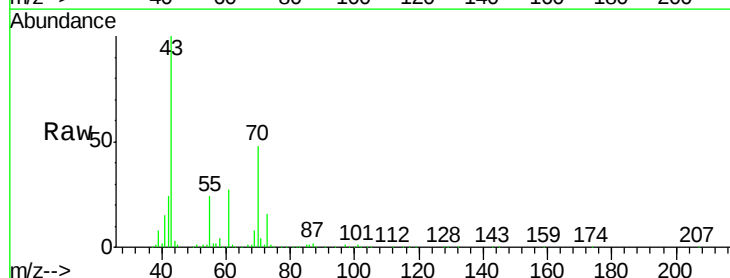
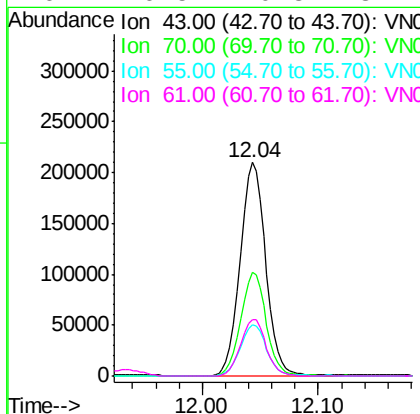
Manual Integrations
APPROVED

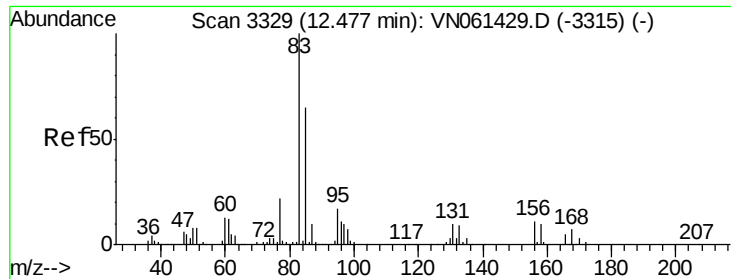
MMDadoda
5/21/2020 1:11:09 PM



#74
N-ethyl acetate
Concen: 48.215 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.6	37.0	55.4
55	24.7	19.5	29.3
61	26.5	20.8	31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.173 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

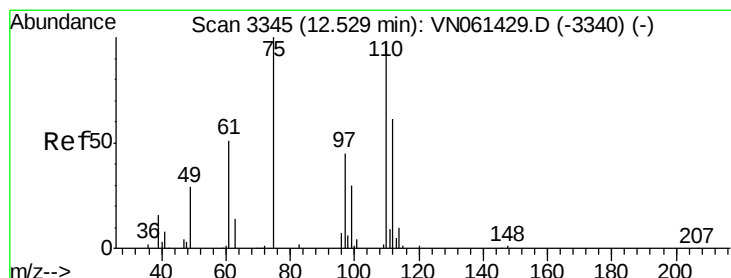
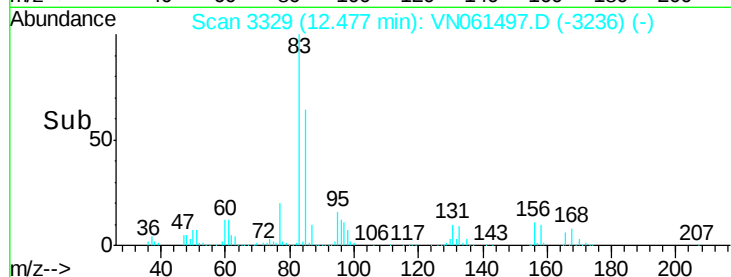
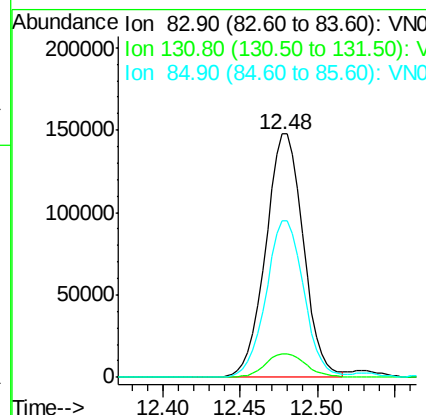
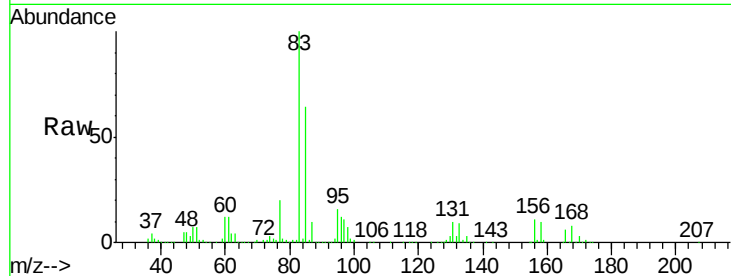
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	250241
Ion Ratio	Lower	Upper	
83	100		
131	10.6	4.8	14.4
85	64.6	32.1	96.5

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#76

1,2,3-Trichloropropane

Concen: 44.670 ug/l m

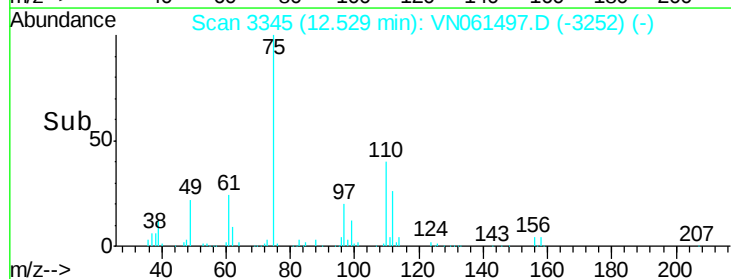
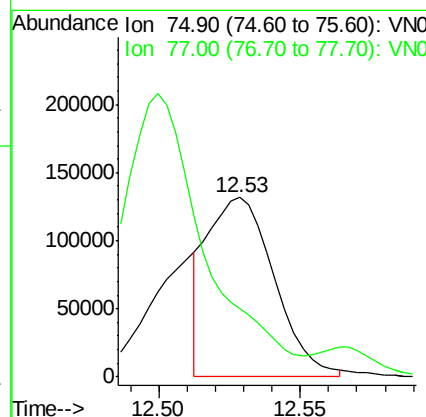
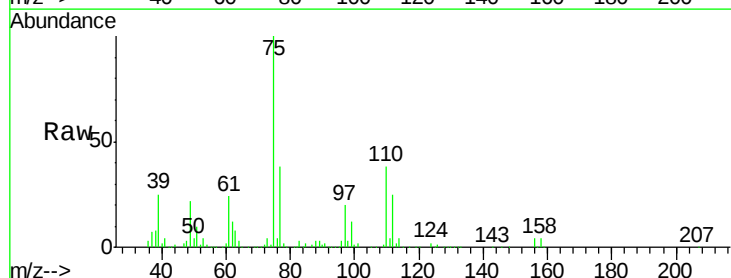
RT: 12.53 min Scan# 3345

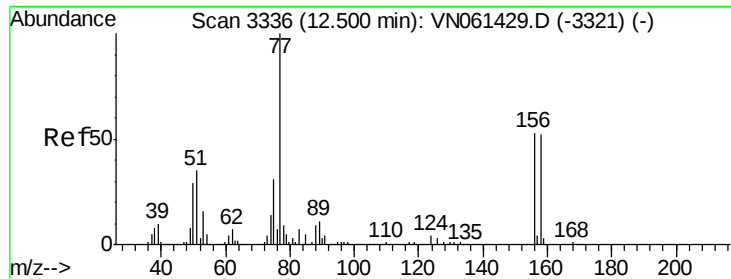
Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Tgt Ion:	75	Resp:	216442
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.910 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

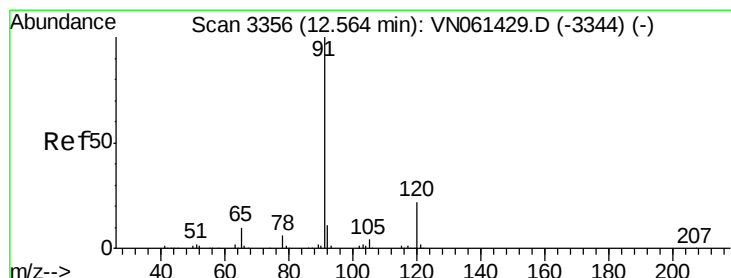
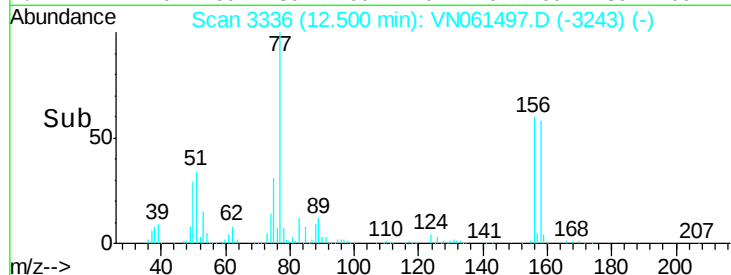
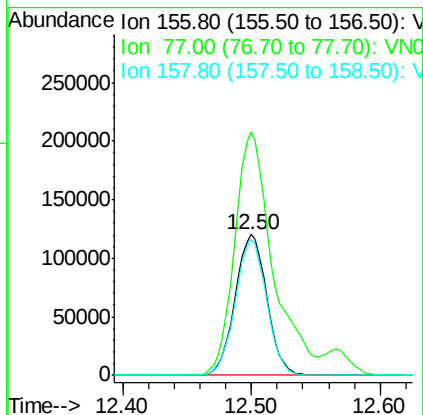
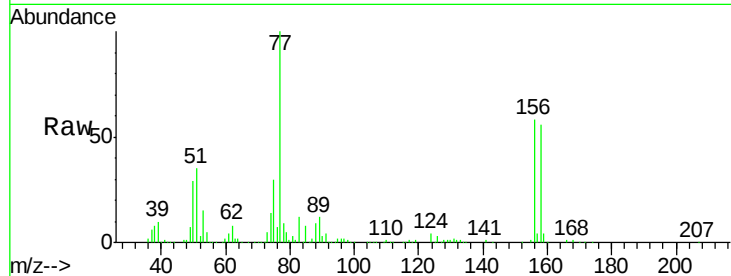
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	208.5	112.3	336.9
158	95.9	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 41.887 ug/l

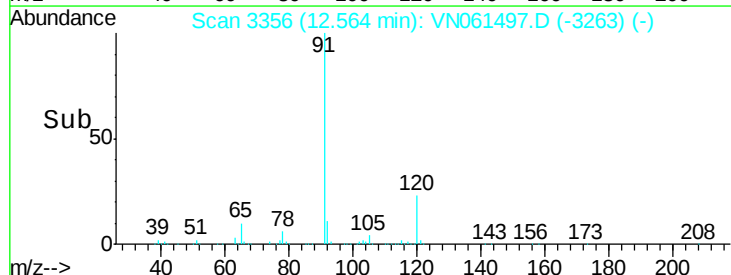
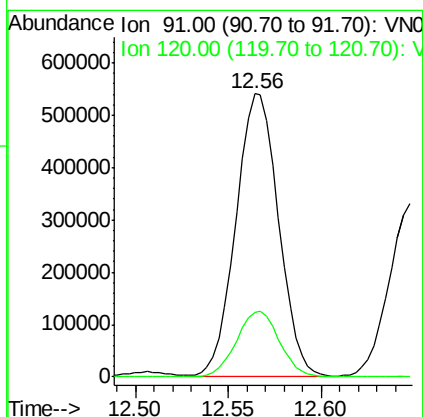
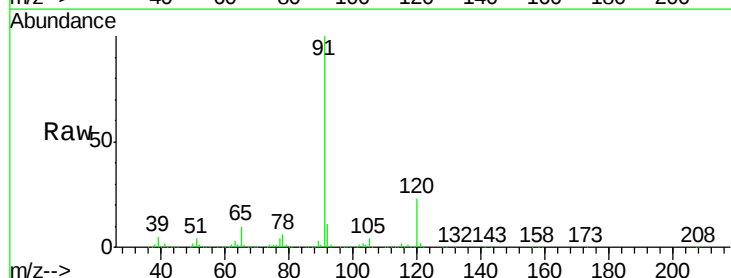
RT: 12.56 min Scan# 3356

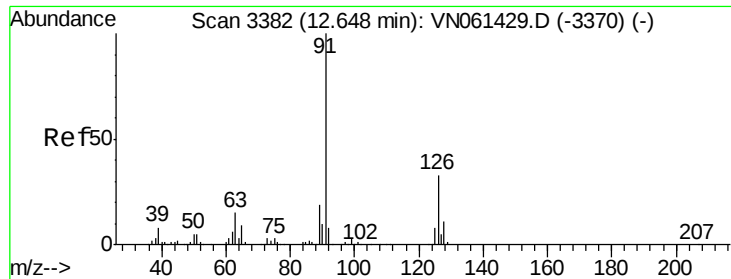
Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.2	33.6





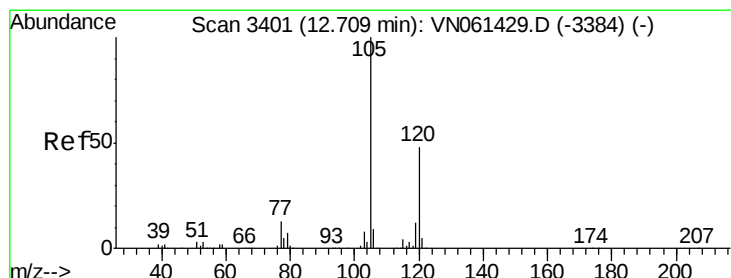
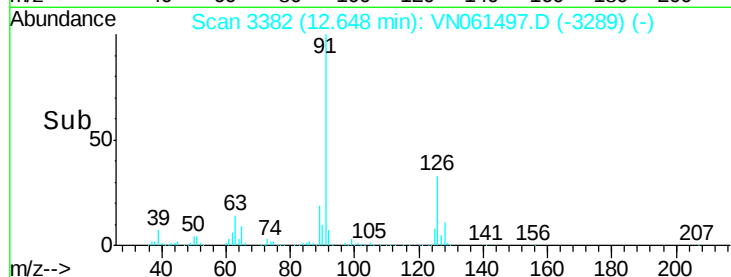
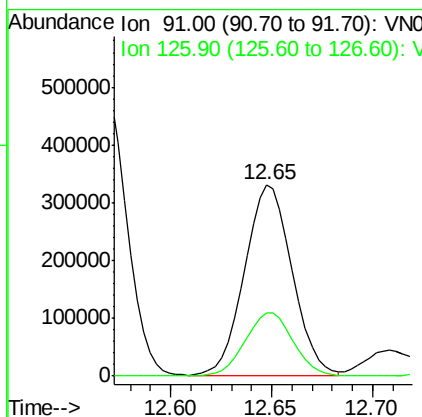
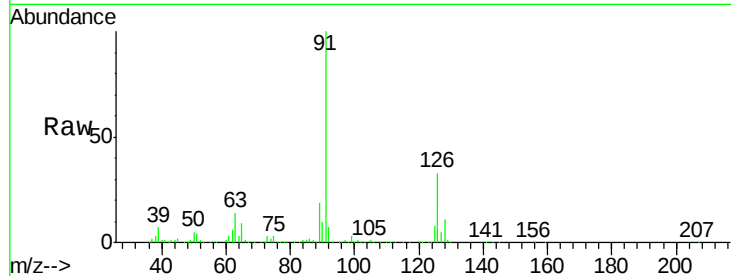
#79
 2-Chlorotoluene
 Concen: 44.821 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 547209
 Ion Ratio Lower Upper
 91 100
 126 33.5 16.3 48.9

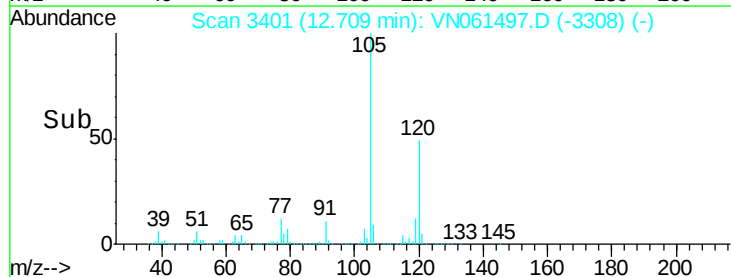
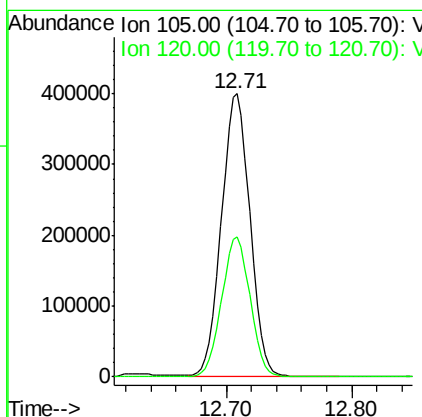
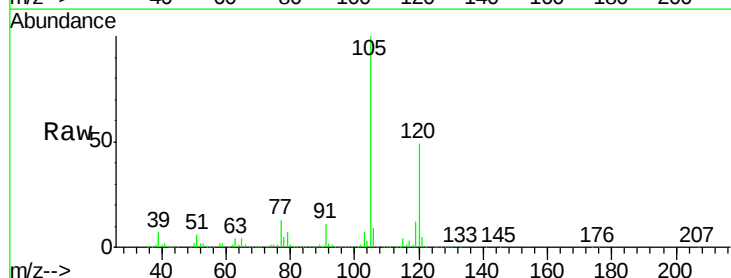
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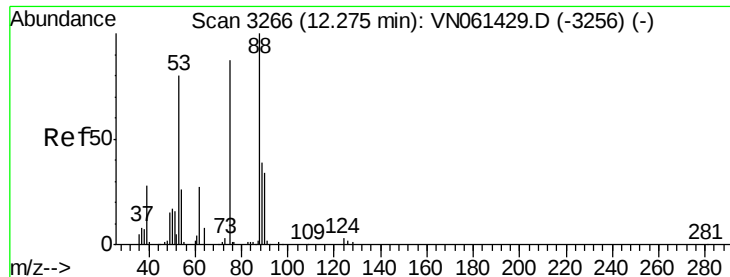
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#80
 1,3,5-Trimethylbenzene
 Concen: 42.425 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion: 105 Resp: 629718
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 45.504 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN061497.D

Acq: 19 May 2020 20:37

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 83115

Ion Ratio Lower Upper

75 100

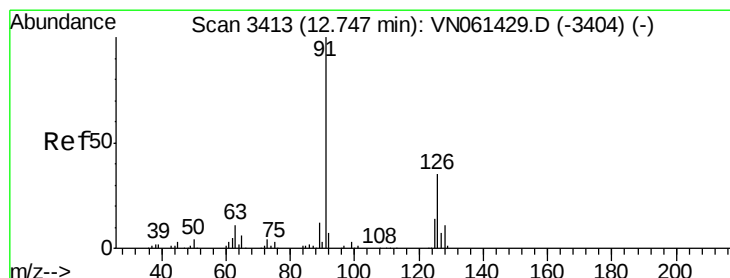
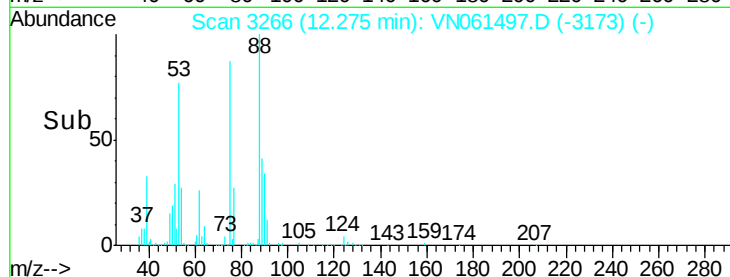
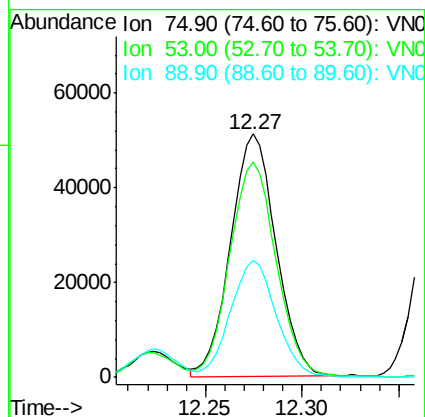
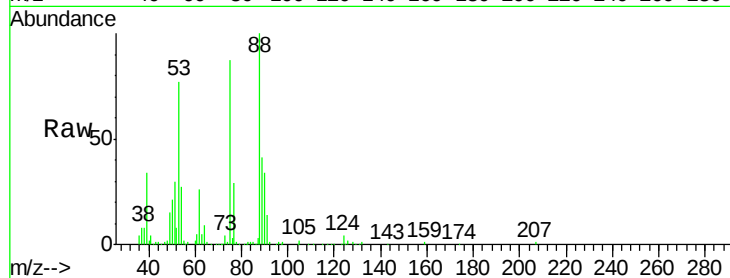
53 91.5 75.2 112.8

89 48.9 38.2 57.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 45.846 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN061497.D

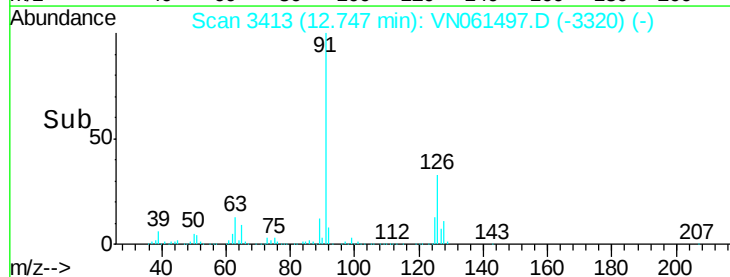
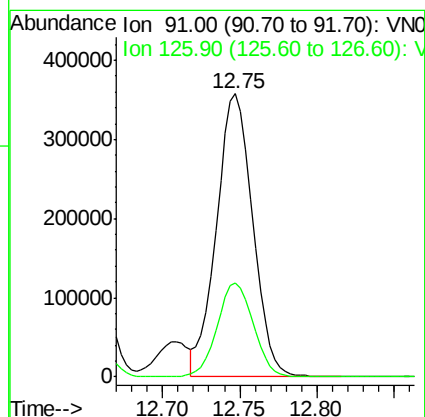
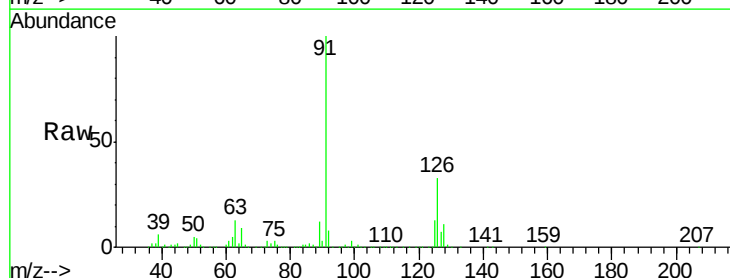
Acq: 19 May 2020 20:37

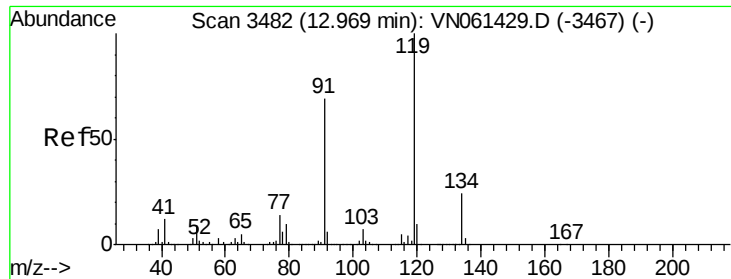
Tgt Ion: 91 Resp: 579568

Ion Ratio Lower Upper

91 100

126 33.4 16.1 48.2





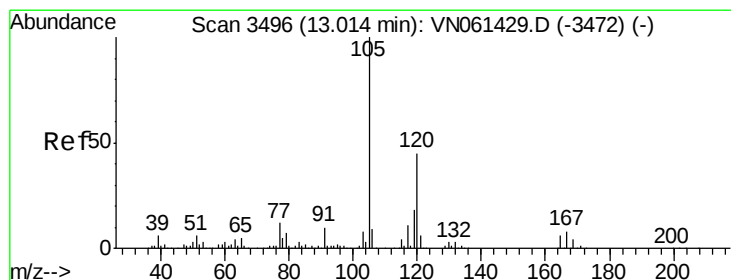
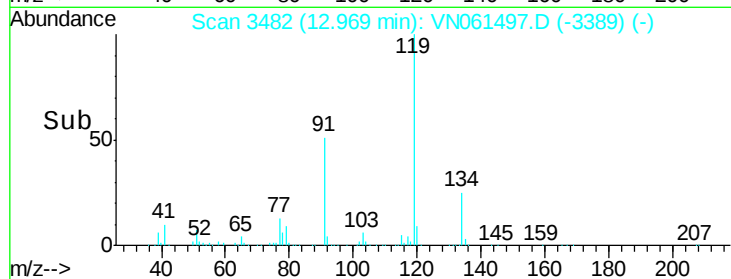
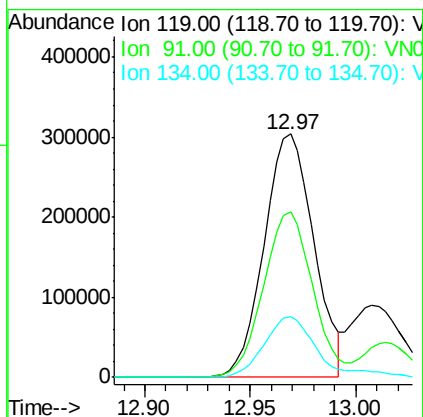
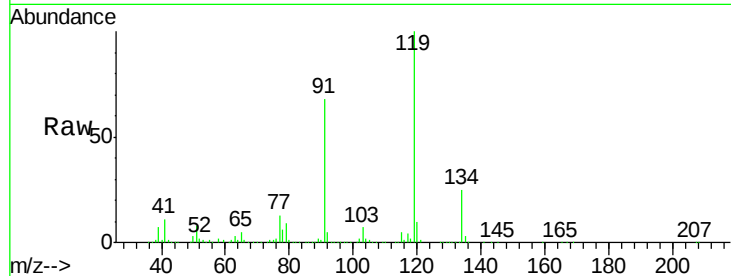
#83
 tert-Butylbenzene
 Concen: 39.187 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.7	33.7	101.0
134	26.7	12.8	38.3

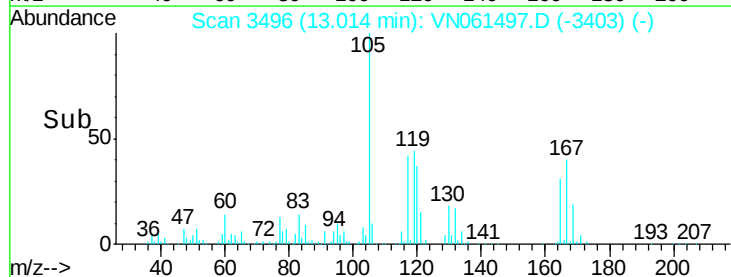
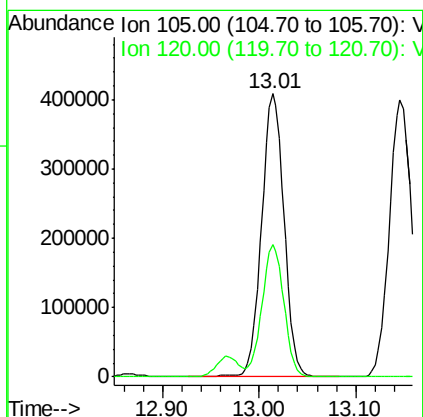
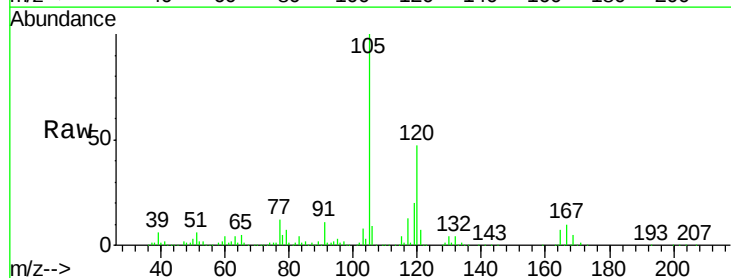
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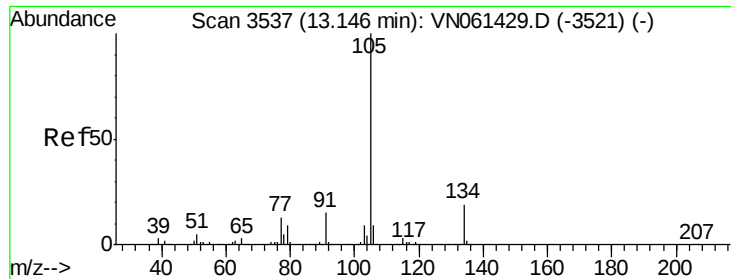
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#84
 1,2,4-Trimethylbenzene
 Concen: 44.367 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	22.4	67.3





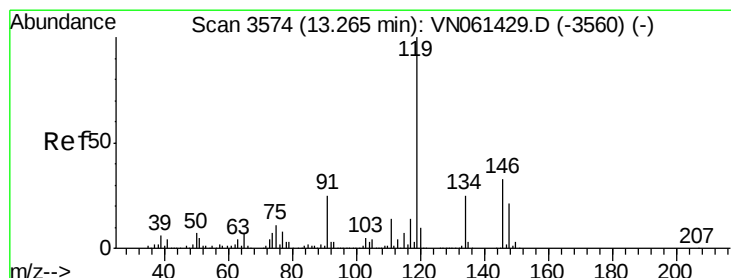
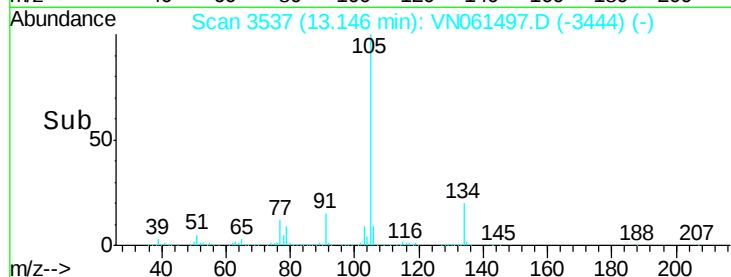
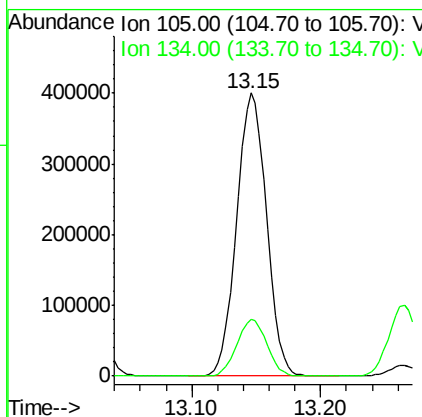
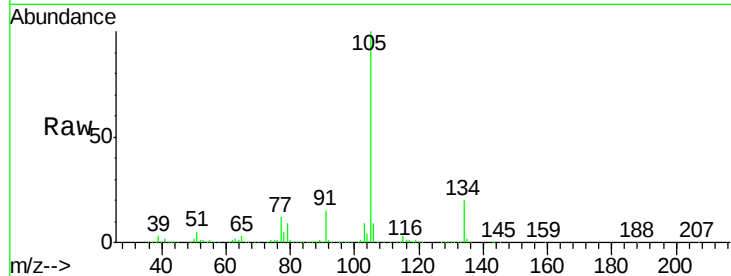
#85
 sec-Butylbenzene
 Concen: 37.431 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	9.8	29.5

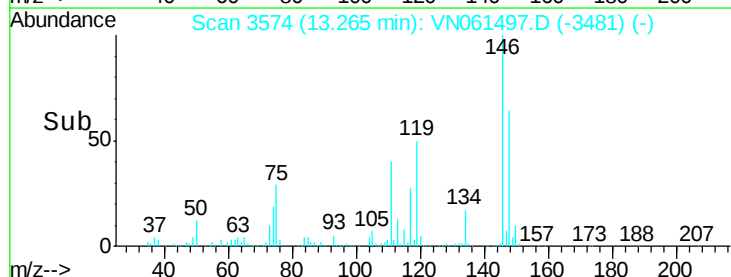
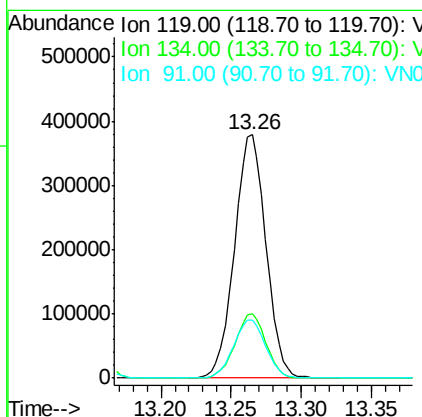
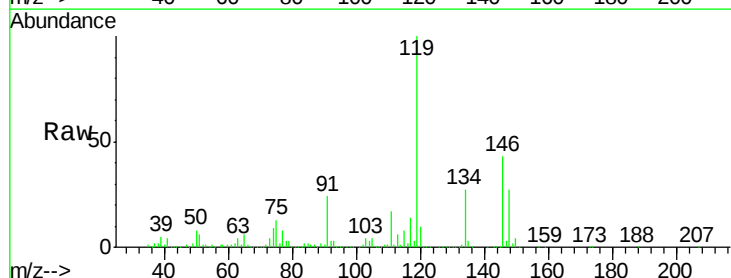
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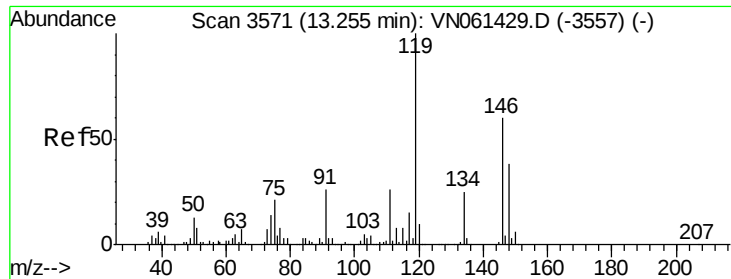
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#86
 p-Isopropyltoluene
 Concen: 38.549 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.7	38.1
91	24.3	12.6	37.6





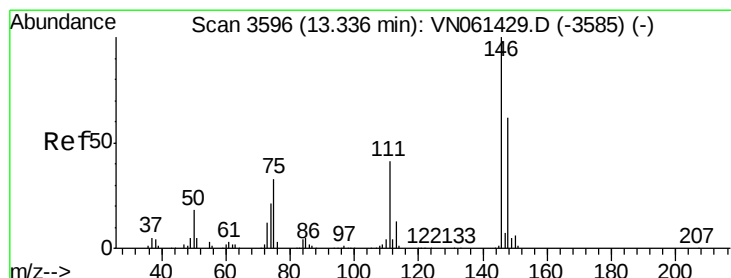
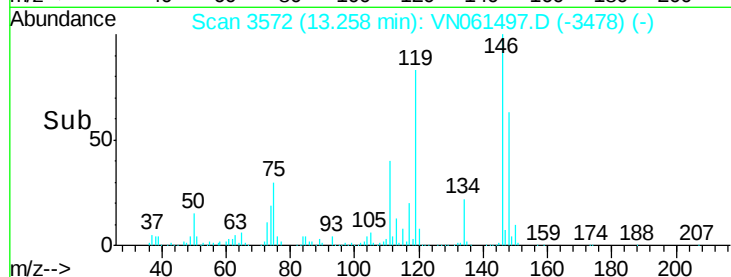
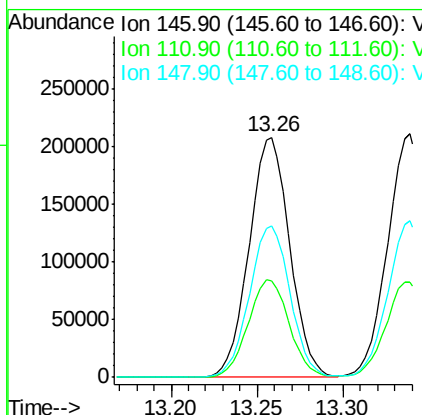
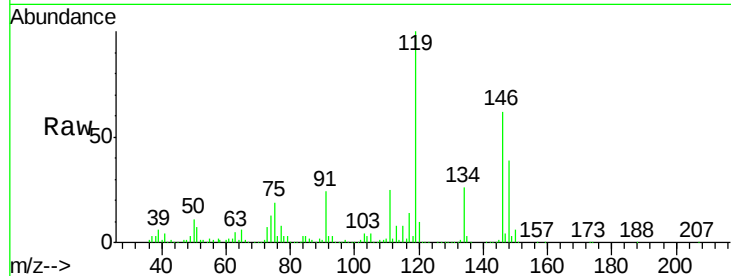
#87
 1,3-Dichlorobenzene
 Concen: 47.267 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	21.5	64.5
148	63.1	31.8	95.3

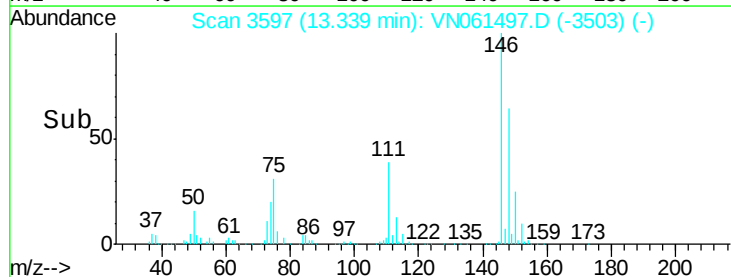
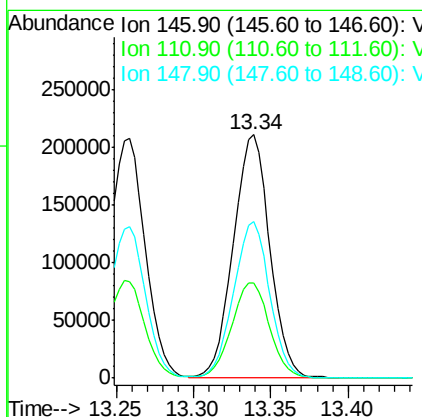
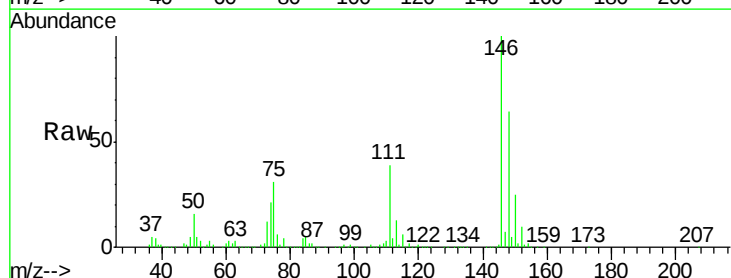
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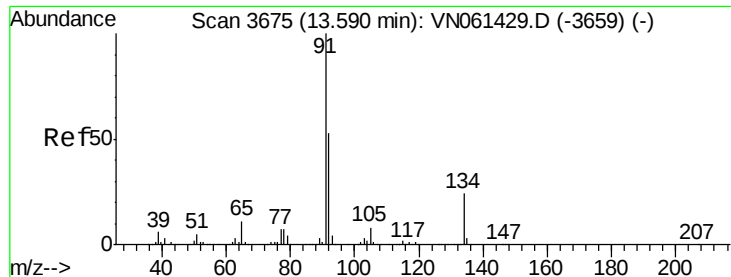
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#88
 1,4-Dichlorobenzene
 Concen: 47.618 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.8	62.5
148	63.9	31.6	94.8





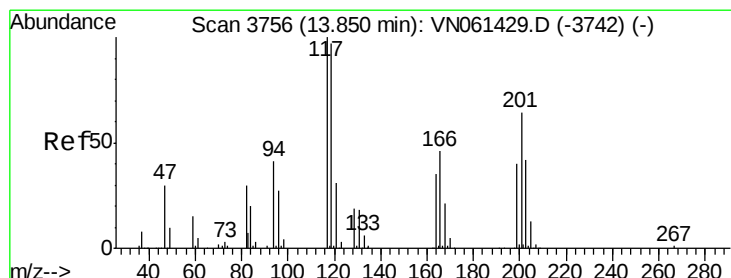
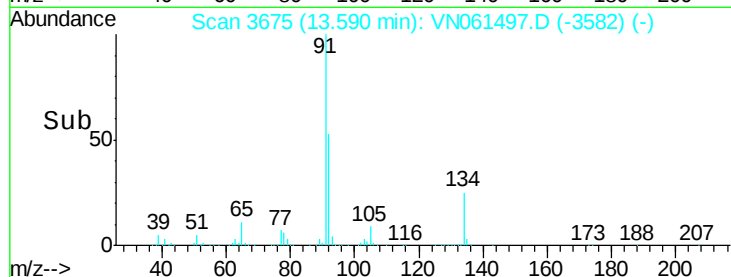
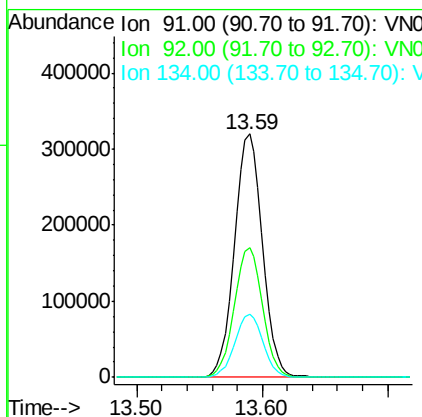
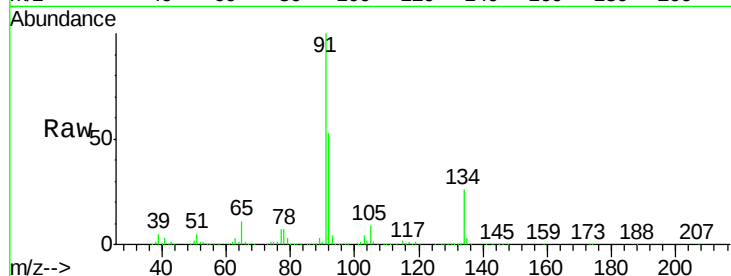
#89
n-Butylbenzene
Concen: 35.602 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	493779		
92	53.8		26.8	80.3
134	26.3		12.4	37.4

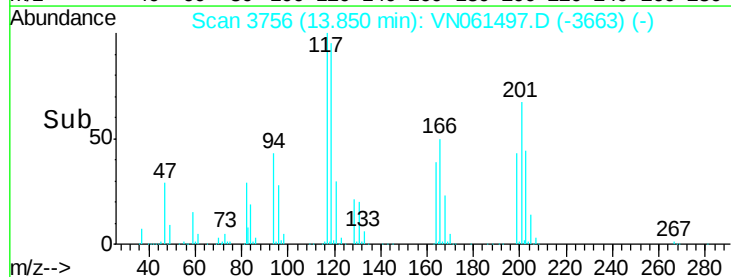
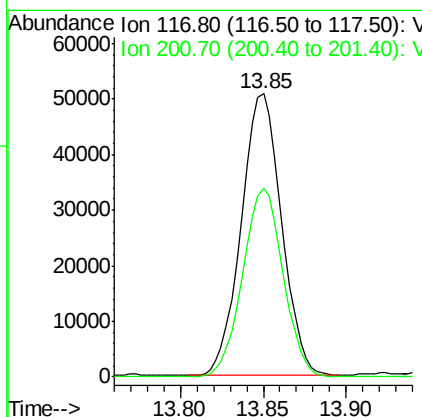
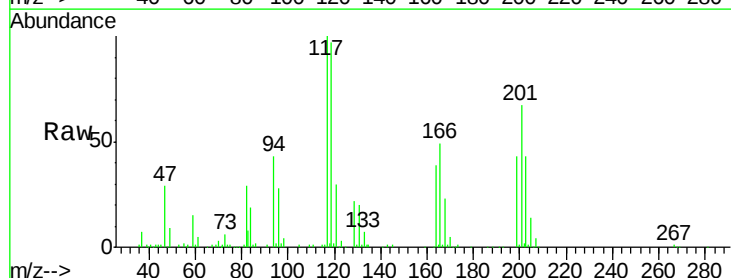
Manual Integrations
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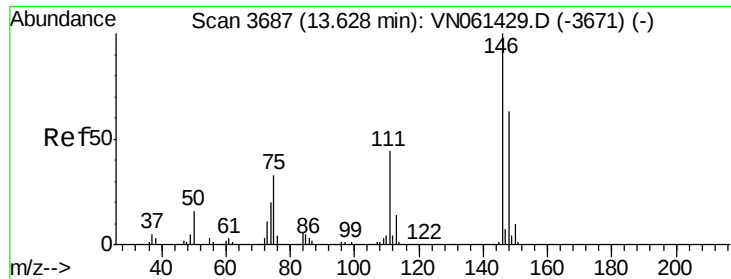
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#90
Hexachloroethane
Concen: 41.418 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	85696		
201	67.0		32.9	98.7





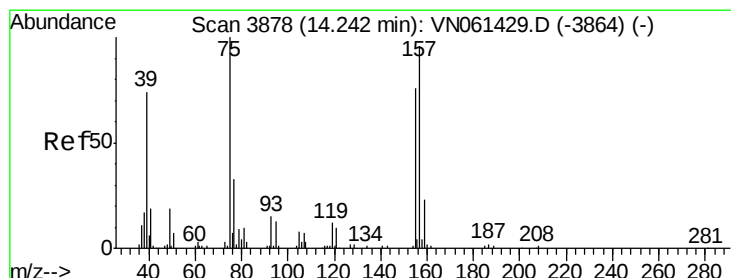
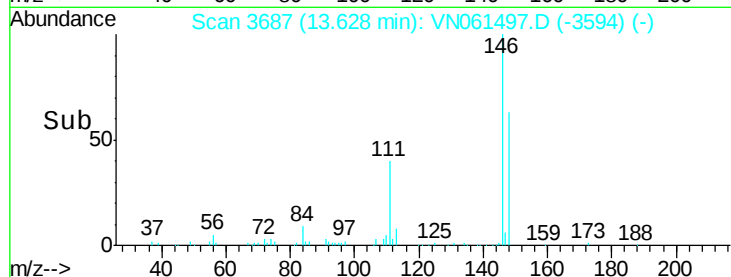
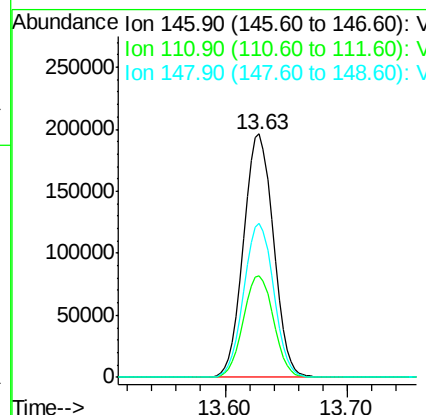
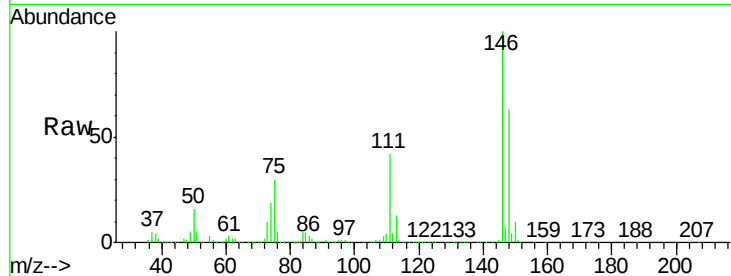
#91
 1,2-Dichlorobenzene
 Concen: 48.173 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.9	65.7
148	63.0	31.6	94.7

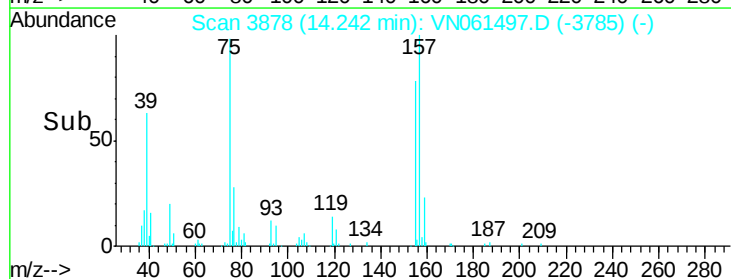
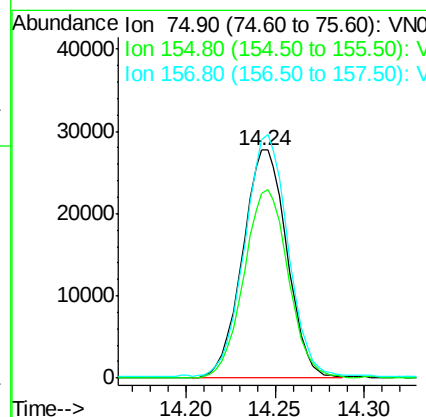
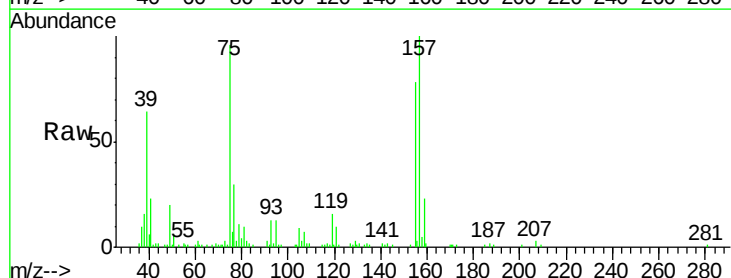
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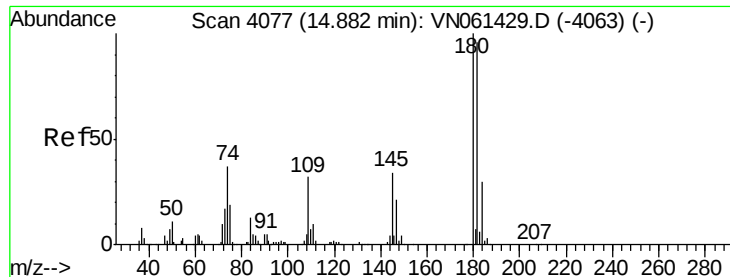
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.582 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.8	38.9	116.7
157	104.4	48.6	145.8





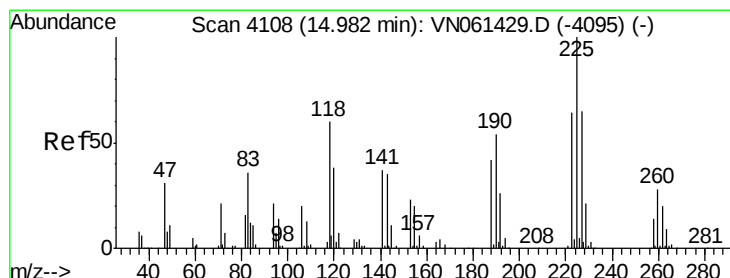
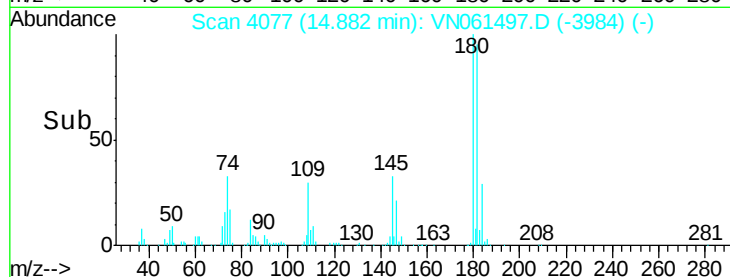
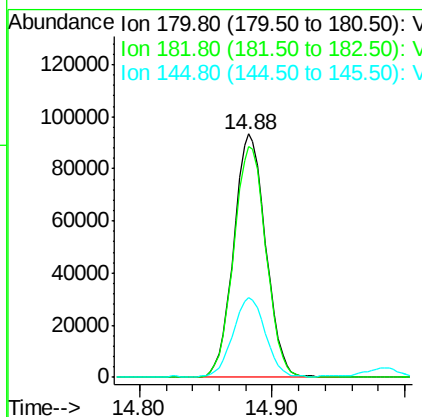
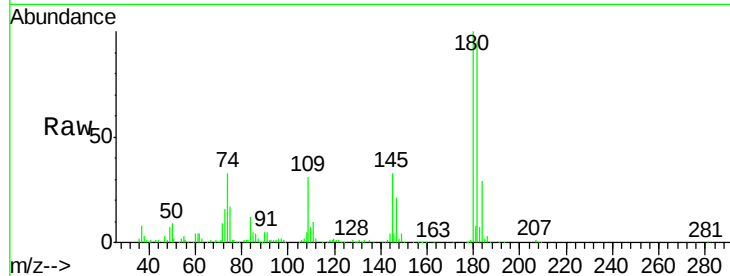
#93
 1,2,4-Trichlorobenzene
 Concen: 41.604 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	155803		
182	96.1	47.0	141.0	
145	32.8	16.7	50.0	

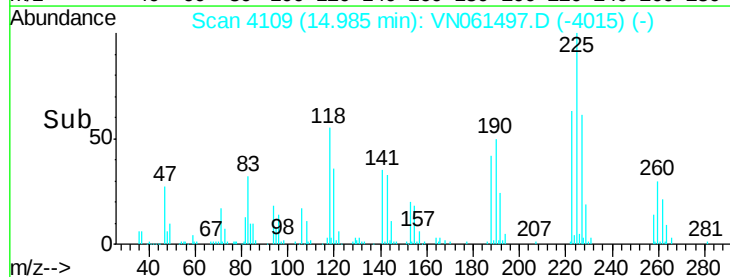
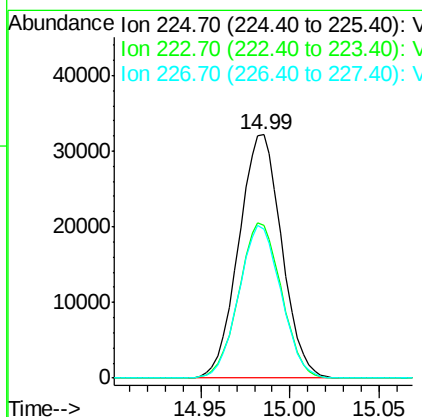
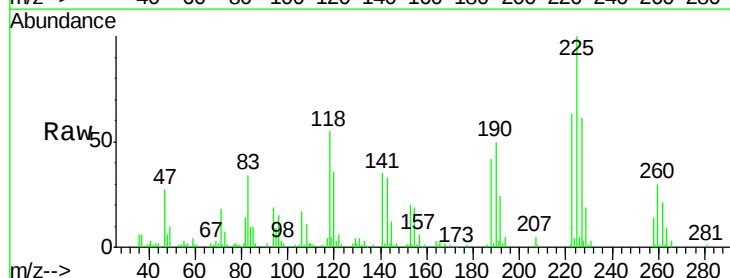
Manual Integrations
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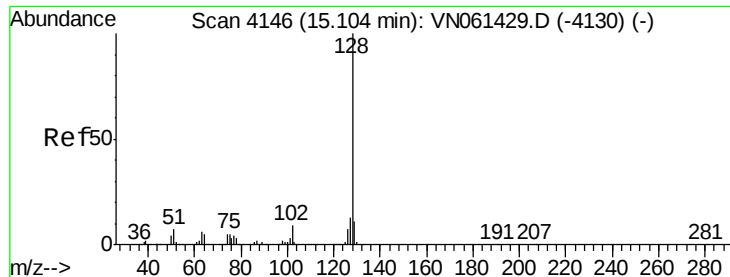
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#94
 Hexachlorobutadiene
 Concen: 32.473 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061497.D
 Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54033		
223	63.2	31.9	95.7	
227	61.9	31.5	94.5	





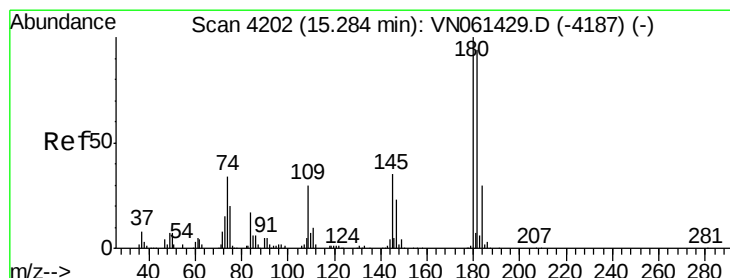
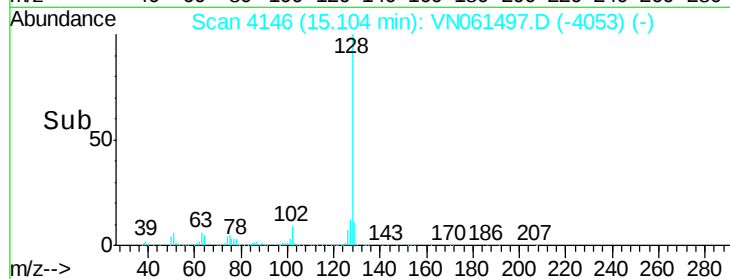
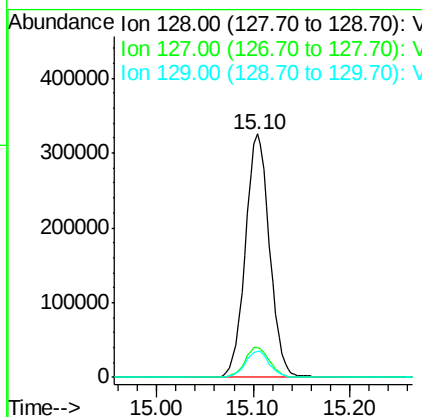
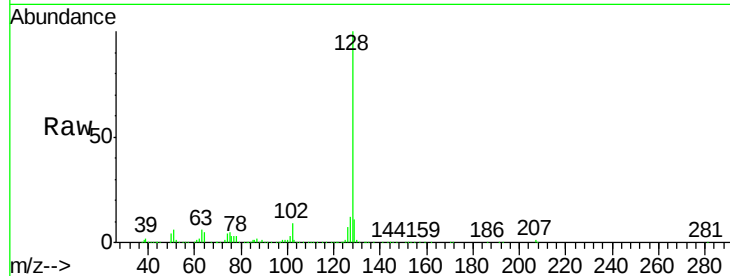
#95
Naphthalene
Concen: 47.094 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	560686		
127	12.7		10.1	15.1
129	10.7		8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 40.905 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061497.D
Acq: 19 May 2020 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	152499		
182	95.0		47.8	143.3
145	35.9		17.3	51.9

