

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061130.D
 Acq On : 22 Apr 2020 15:07
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 1:35:03 PM

Quant Time: Apr 22 15:27:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 14:48:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	203673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	332146	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	314620	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	151530	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.77	65	408234	154.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.36%	
35) Dibromofluoromethane	7.31	113	284161	146.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.08%	
50) Toluene-d8	9.88	98	1251783	166.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	332.14%	
62) 4-Bromofluorobenzene	12.21	95	478555	163.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.72	85	297634	129.109	ug/l	100
3) Chloromethane	1.91	50	342922	101.098	ug/l	100
4) Vinyl Chloride	2.03	62	415598	139.690	ug/l	97
5) Bromomethane	2.37	94	201958	135.943	ug/l	100
6) Chloroethane	2.51	64	219202	130.141	ug/l	99
7) Trichlorofluoromethane	2.82	101	437692	121.826	ug/l	100
8) Diethyl Ether	3.17	74	196932	134.813	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.50	101	291282	133.876	ug/l	98
10) Methyl Iodide	3.68	142	436746	204.206	ug/l	99
11) Tert butyl alcohol	4.44	59	251744	565.542	ug/l	100
12) 1,1-Dichloroethene	3.49	96	289925	132.094	ug/l	100
13) Acrolein	3.36	56	229267	619.035	ug/l	100
14) Allyl chloride	4.03	41	384623	96.144	ug/l	98
15) Acrylonitrile	4.64	53	827562	674.516	ug/l	100
16) Acetone	3.55	43	665094	600.684	ug/l	99
17) Carbon Disulfide	3.78	76	893962	130.293	ug/l	99
18) Methyl Acetate	4.02	43	477521	135.818	ug/l	99
19) Methyl tert-butyl Ether	4.69	73	1044052	135.799	ug/l	99
20) Methylene Chloride	4.24	84	337083	136.145	ug/l	99
21) trans-1,2-Dichloroethene	4.70	96	333544	140.460	ug/l	97
22) Diisopropyl ether	5.61	45	1101871	128.701	ug/l	97
23) Vinyl Acetate	5.55	43	4488879	665.156	ug/l	98
24) 1,1-Dichloroethane	5.51	63	599825	128.986	ug/l	100
25) 2-Butanone	6.51	43	1113528	649.382	ug/l	99
26) 2,2-Dichloropropane	6.50	77	537762	137.877	ug/l	100
27) cis-1,2-Dichloroethene	6.51	96	375355	138.077	ug/l	99
28) Bromochloromethane	6.89	49	283824	135.058	ug/l	99
29) Tetrahydrofuran	6.90	42	753588	645.527	ug/l	99
30) Chloroform	7.08	83	612395	139.515	ug/l	100
31) Cyclohexane	7.37	56	565515	119.317	ug/l	99
32) 1,1,1-Trichloroethane	7.29	97	542197	142.384	ug/l	99
36) 1,1-Dichloropropene	7.52	75	472209	138.821	ug/l	100
37) Ethyl Acetate	6.61	43	482677	131.733	ug/l	99
38) Carbon Tetrachloride	7.50	117	438597	154.277	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	578729	141.948	ug/l	99
40) Benzene	7.78	78	1386127	137.361	ug/l	99
41) Methacrylonitrile	6.87	41	239683m	154.351	ug/l	
42) 1,2-Dichloroethane	7.87	62	493311	142.800	ug/l	100
43) Isopropyl Acetate	7.92	43	816745	136.784	ug/l	99
44) Trichloroethene	8.60	130	392439	150.973	ug/l	98
45) 1,2-Dichloropropane	8.89	63	362450	133.477	ug/l	99
46) Dibromomethane	8.98	93	240340	150.970	ug/l	97
47) Bromodichloromethane	9.18	83	490731	147.168	ug/l	100
48) Methyl methacrylate	8.98	41	395457	148.783	ug/l	99
49) 1,4-Dioxane	8.98	88	74209	2300.499	ug/l	99
51) 4-Methyl-2-Pentanone	9.78	43	2380621	689.462	ug/l	97
52) Toluene	9.95	92	890327	146.234	ug/l	99
53) t-1,3-Dichloropropene	10.18	75	587343	151.434	ug/l	100
54) cis-1,3-Dichloropropene	9.63	75	611922	145.144	ug/l	99
55) 1,1,2-Trichloroethane	10.36	97	340358	147.417	ug/l	99
56) Ethyl methacrylate	10.23	69	567669	157.252	ug/l	99
57) 1,3-Dichloropropane	10.51	76	580707	141.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.49	63	1446250	844.024	ug/l	100
59) 2-Hexanone	10.56	43	1802173	721.755	ug/l	98
60) Dibromochloromethane	10.71	129	381791	160.270	ug/l	99
61) 1,2-Dibromoethane	10.81	107	366092	154.712	ug/l	100
64) Tetrachloroethene	10.43	164	426970	168.035	ug/l	100
65) Chlorobenzene	11.24	112	922002	141.821	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	339799	145.852	ug/l	99
67) Ethyl Benzene	11.32	91	1715625	140.596	ug/l	99
68) m/p-Xylenes	11.43	106	1303944	293.864	ug/l	96
69) o-Xylene	11.76	106	623777	146.197	ug/l	100
70) Styrene	11.77	104	1079844	157.250	ug/l	100
71) Bromoform	11.93	173	281664	162.092	ug/l #	99
73) Isopropylbenzene	12.06	105	1661117	137.361	ug/l	99
74) N-amyl acetate	11.89	43	779038	139.505	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.32	83	447619	123.847	ug/l	99
76) 1,2,3-Trichloropropane	12.36	75	509584m	150.455	ug/l	
77) Bromobenzene	12.33	156	410172	144.106	ug/l	99
78) n-propylbenzene	12.40	91	1948741	138.180	ug/l	99
79) 2-Chlorotoluene	12.48	91	1139941	137.851	ug/l	100
80) 1,3,5-Trimethylbenzene	12.55	105	1397504	139.897	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.11	75	202310	149.222	ug/l	100
82) 4-Chlorotoluene	12.58	91	1219380	142.090	ug/l	99
83) tert-Butylbenzene	12.81	119	1196596	141.945	ug/l	99
84) 1,2,4-Trimethylbenzene	12.85	105	1388412	140.508	ug/l	98
85) sec-Butylbenzene	12.99	105	1591006	139.792	ug/l	99
86) p-Isopropyltoluene	13.10	119	1443295	142.025	ug/l	99
87) 1,3-Dichlorobenzene	13.09	146	711269	140.875	ug/l	100
88) 1,4-Dichlorobenzene	13.17	146	710919	139.644	ug/l	99
89) n-Butylbenzene	13.43	91	1315413	139.747	ug/l	99
90) Hexachloroethane	13.68	117	166163	114.016	ug/l	99
91) 1,2-Dichlorobenzene	13.46	146	657619	136.745	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.08	75	99990	141.433	ug/l	97

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Quant Title : SW846 8260
QLast Update : Wed Apr 22 14:48:06 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.72	180	452193	157.492	ug/l	99
94) Hexachlorobutadiene	14.82	225	188488	130.361	ug/l	100
95) Naphthalene	14.93	128	1406809	165.706	ug/l	99
96) 1,2,3-Trichlorobenzene	15.10	180	437379	157.978	ug/l	100

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

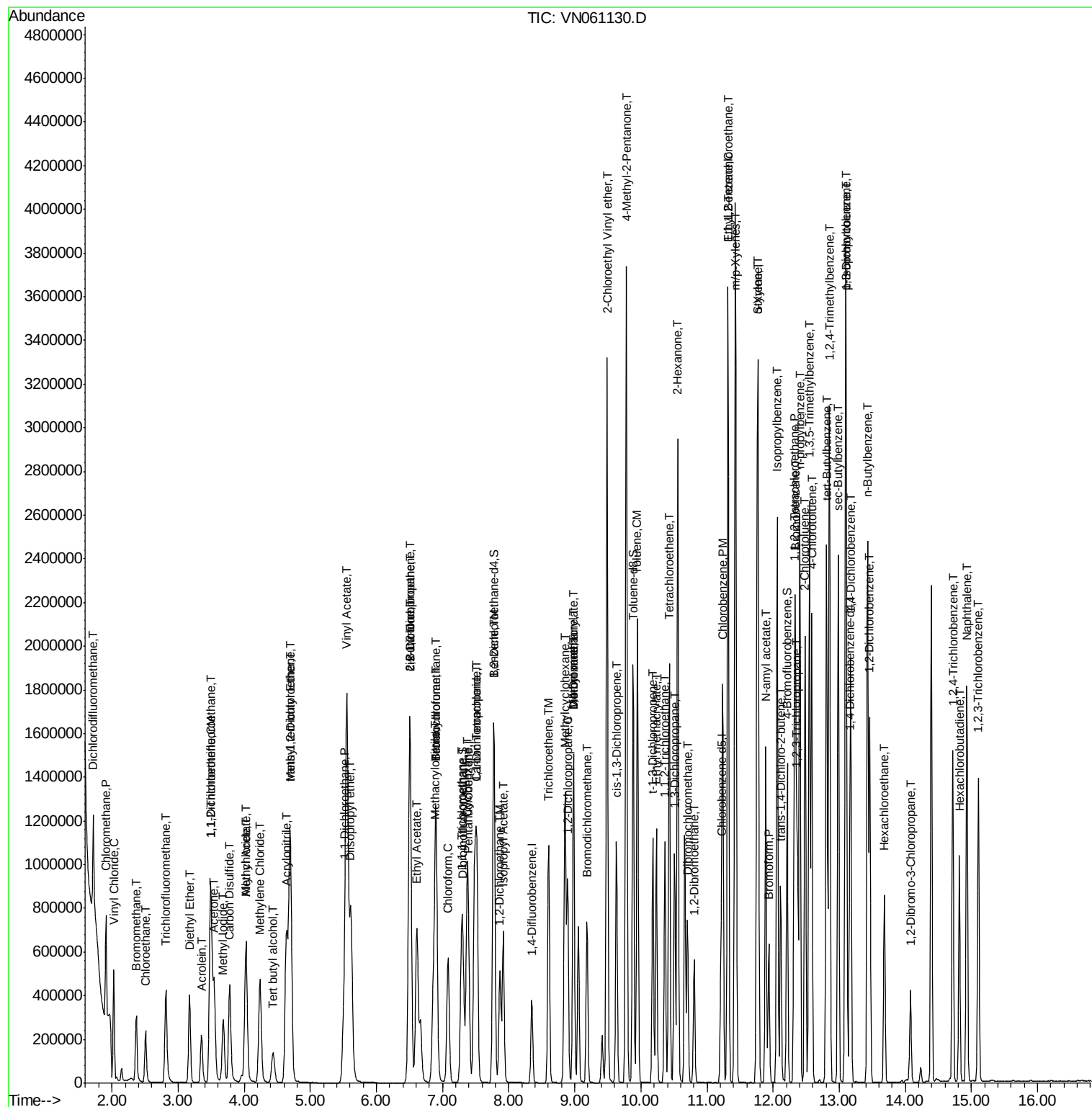
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 Data File : VN061130.D
 Acq On : 22 Apr 2020 15:07
 Operator : JC/MD
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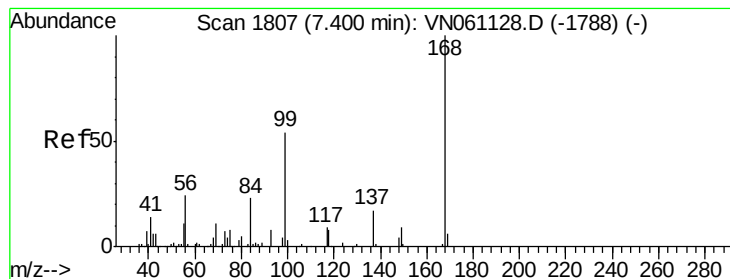
Instrument :
 MSVOA_N
 Client Sample Id :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 203673

Ion Ratio Lower Upper

168 100

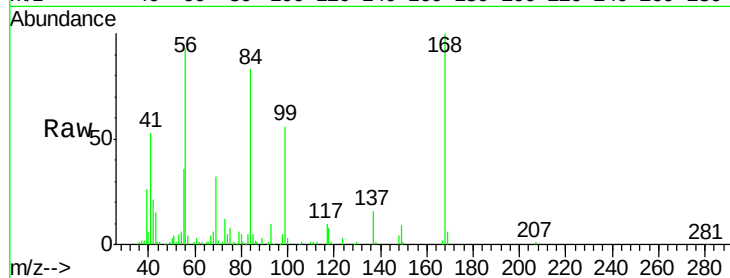
99 56.2 44.3 66.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

150000

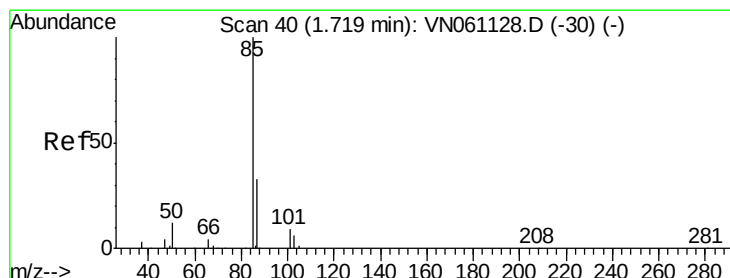
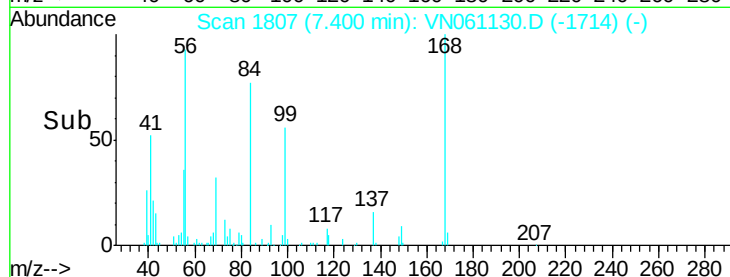
100000

50000

0

7.30 7.40 7.50

Time-->



#2

Dichlorodifluoromethane

Concen: 129.109 ug/l

RT: 1.72 min Scan# 40

Delta R.T. 0.00 min

Lab File: VN061130.D

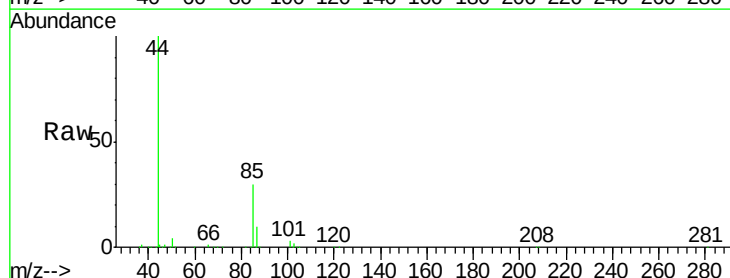
Acq: 22 Apr 2020 15:07

Tgt Ion: 85 Resp: 297634

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

250000

200000

150000

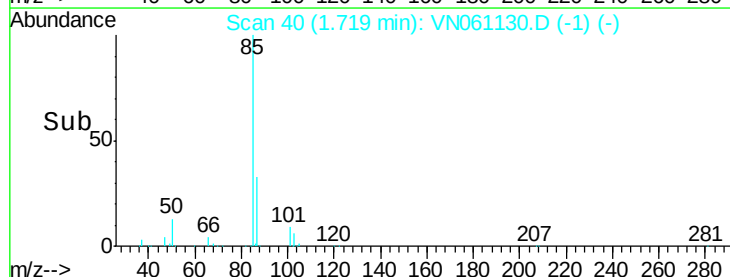
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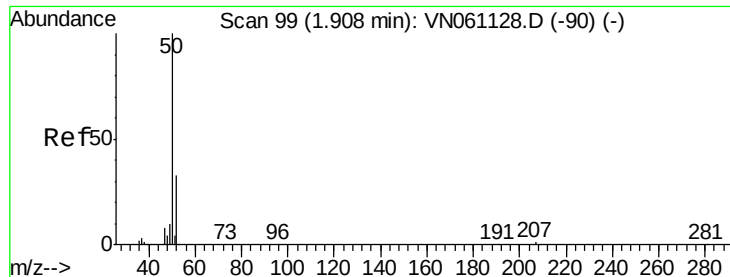
50000

0

1.70 1.80

Time-->





#3

Chloromethane

Concen: 101.098 ug/l

RT: 1.91 min Scan# 99

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 342922

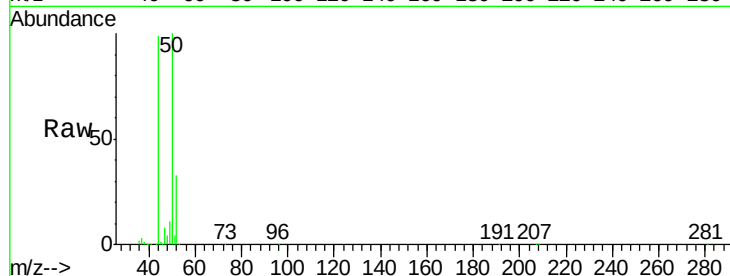
Ion Ratio Lower Upper

50 100

52 33.1 26.3 39.5

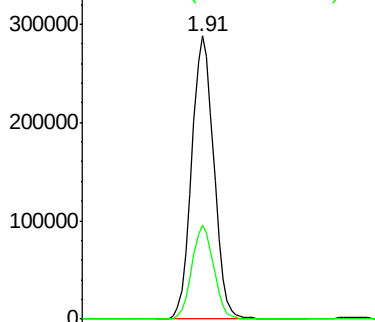
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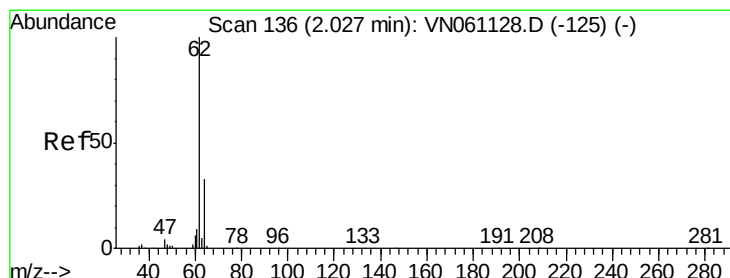
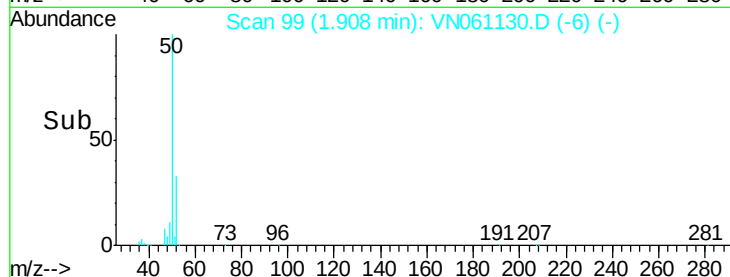


Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



Time-->



#4

Vinyl Chloride

Concen: 139.690 ug/l

RT: 2.03 min Scan# 136

Delta R.T. 0.00 min

Lab File: VN061130.D

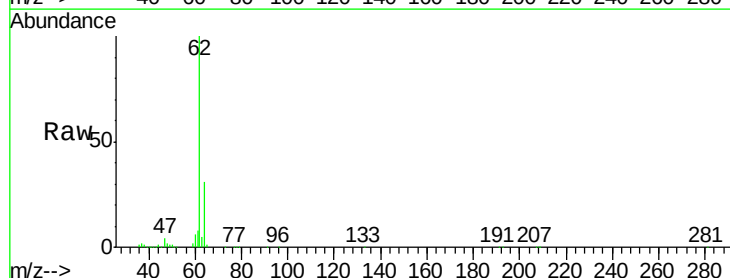
Acq: 22 Apr 2020 15:07

Tgt Ion: 62 Resp: 415598

Ion Ratio Lower Upper

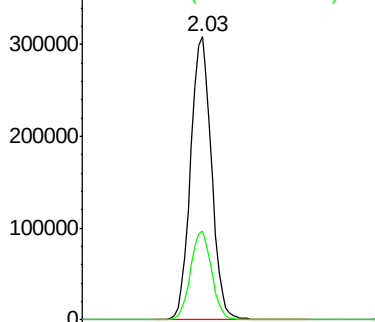
62 100

64 31.4 26.6 40.0

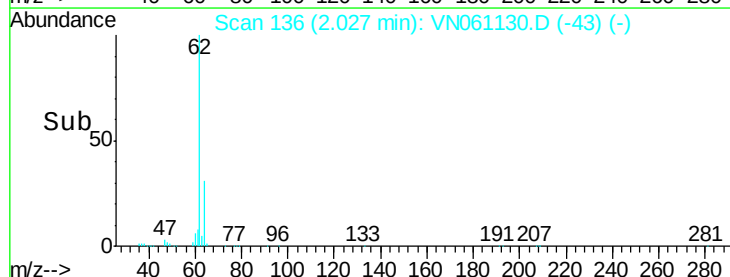


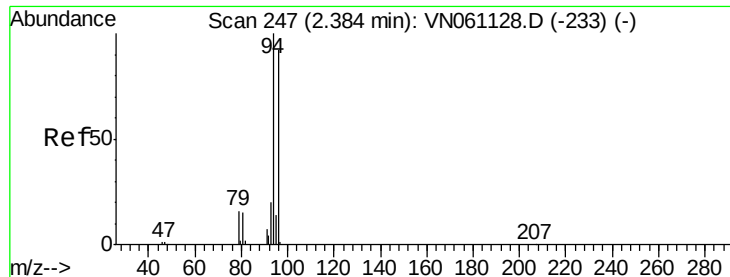
Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



Time-->





#5

Bromomethane

Concen: 135.943 ug/l

RT: 2.37 min Scan# 242

Delta R.T. -0.02 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

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ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 201958

Ion Ratio Lower Upper

94 100

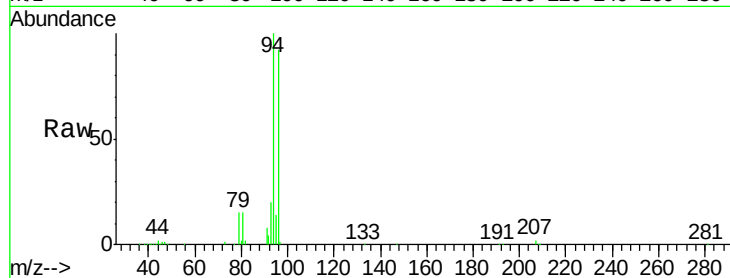
96 92.1 73.6 110.4

Manual Integrations

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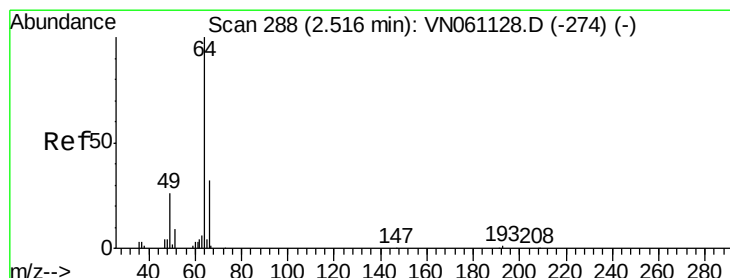
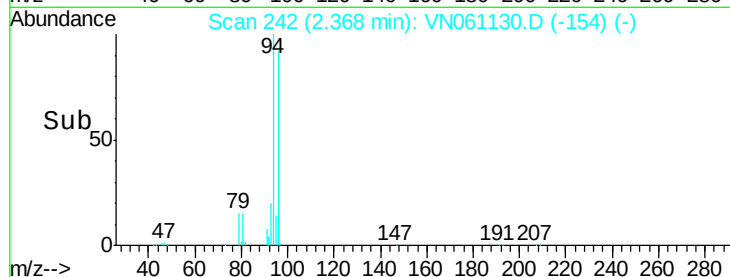
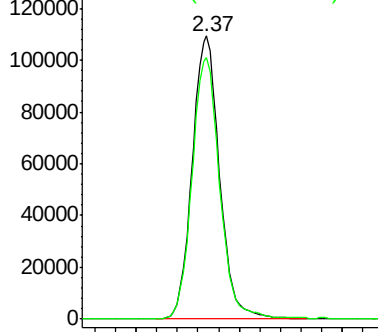
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 130.141 ug/l

RT: 2.51 min Scan# 285

Delta R.T. -0.01 min

Lab File: VN061130.D

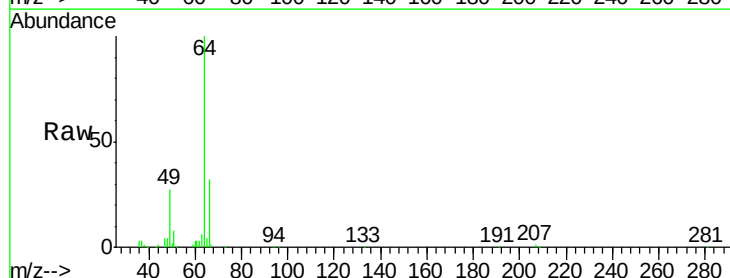
Acq: 22 Apr 2020 15:07

Tgt Ion: 64 Resp: 219202

Ion Ratio Lower Upper

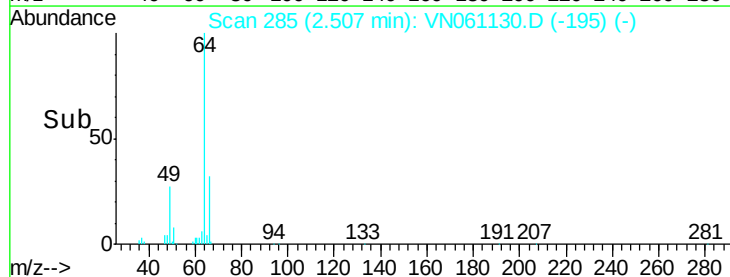
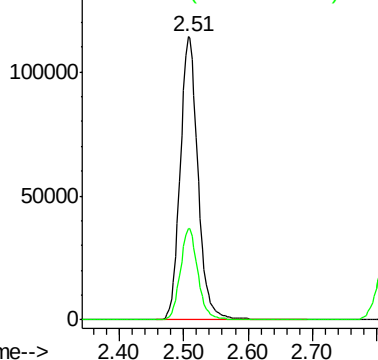
64 100

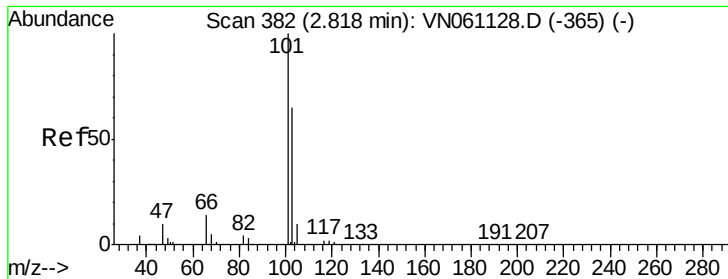
66 32.4 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

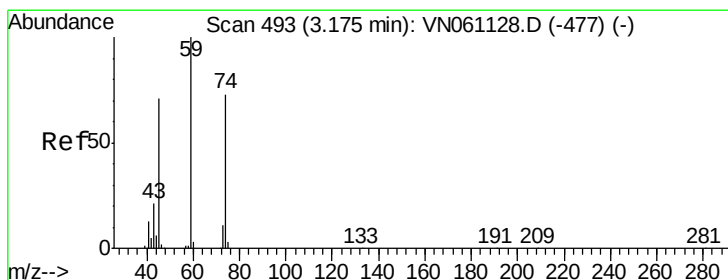
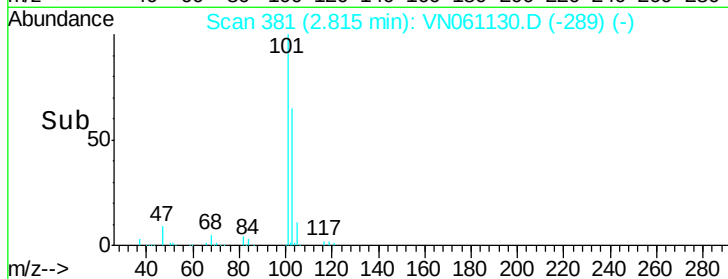
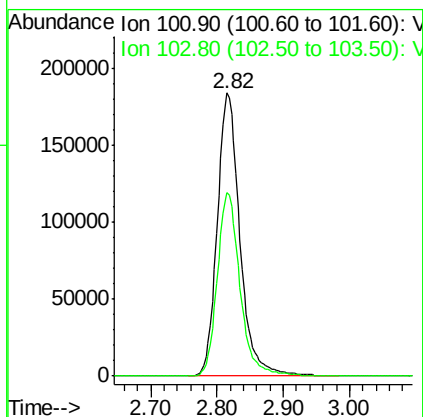
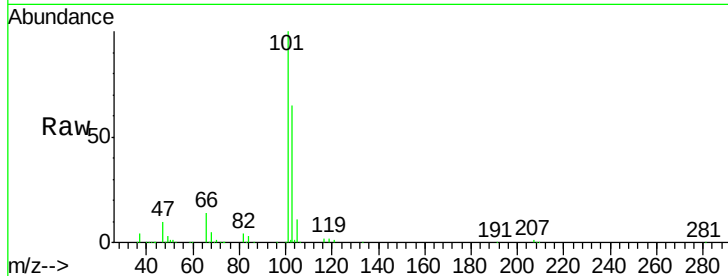
Trichlorofluoromethane
 Concen: 121.826 ug/l
 RT: 2.82 min Scan# 381
 Delta R.T. -0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.1	78.1

Manual Integrations
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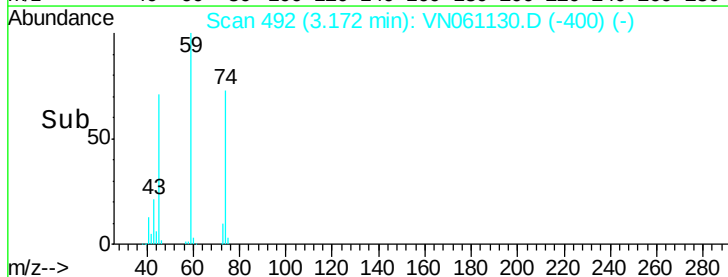
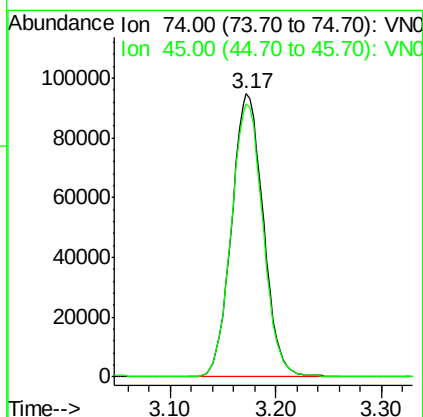
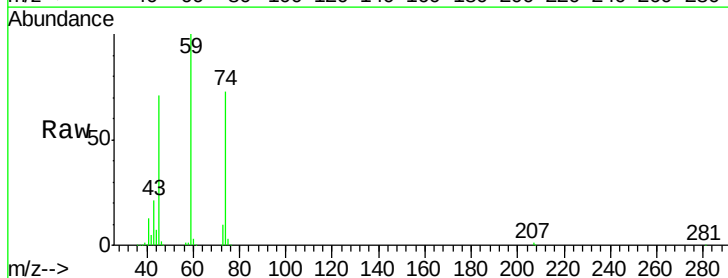
MMDadoda
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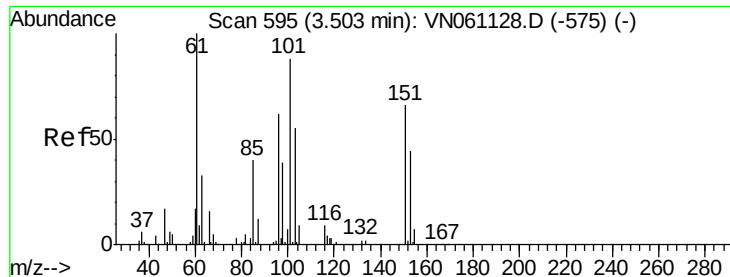


#8

Diethyl Ether
 Concen: 134.813 ug/l
 RT: 3.17 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.9	49.1	147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 133.876 ug/l

RT: 3.50 min Scan# 594

Delta R.T. -0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

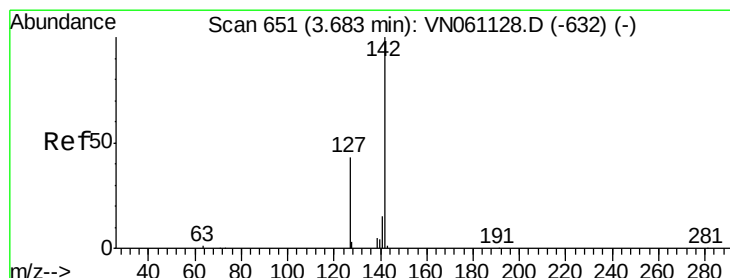
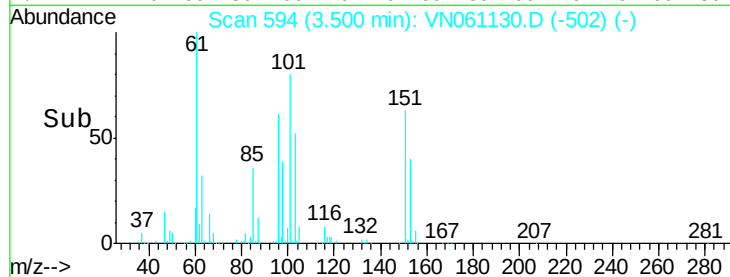
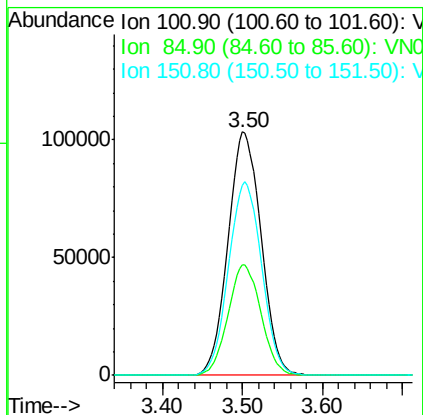
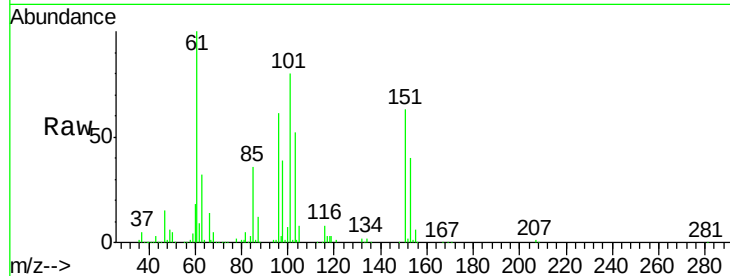
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	291282
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.2	54.4
151	79.5	61.8	92.8

Manual Integrations
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#10

Methyl Iodide

Concen: 204.206 ug/l

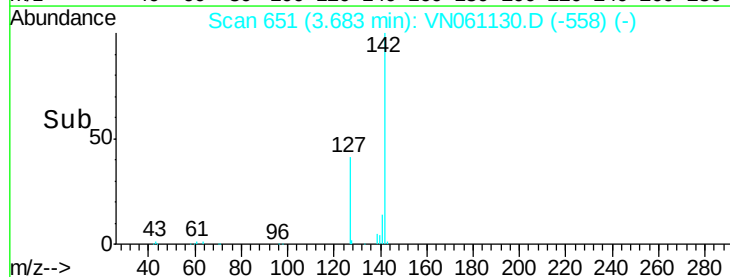
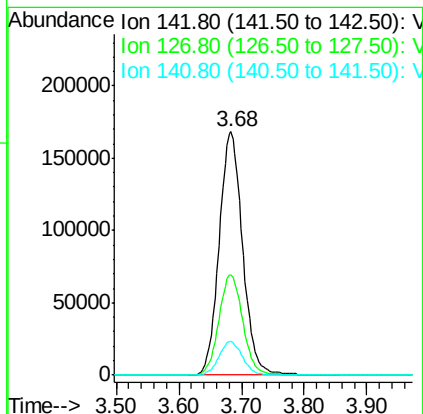
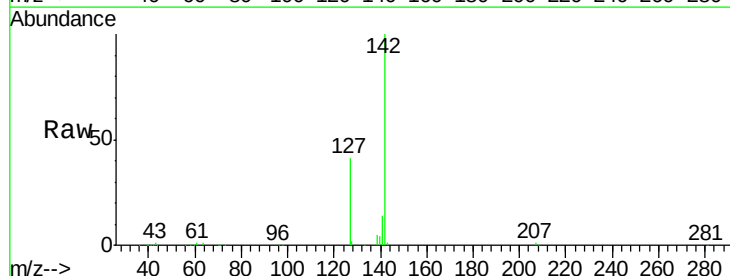
RT: 3.68 min Scan# 651

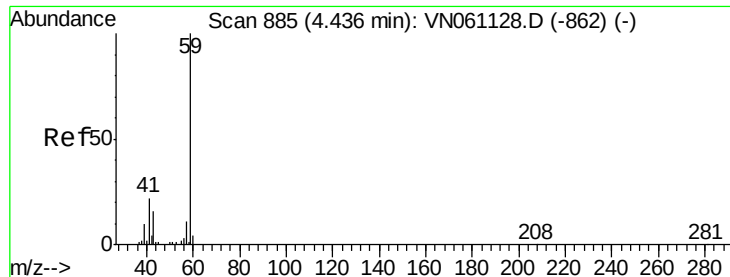
Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Tgt Ion:	142	Resp:	436746
Ion Ratio	Lower	Upper	
142	100		
127	42.0	34.2	51.4
141	13.9	11.3	16.9





#11

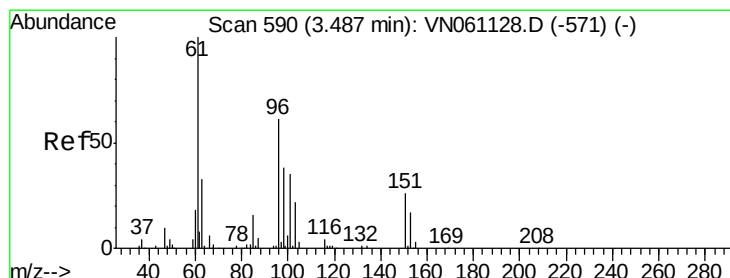
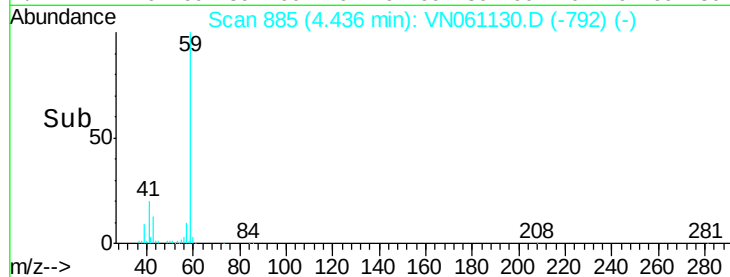
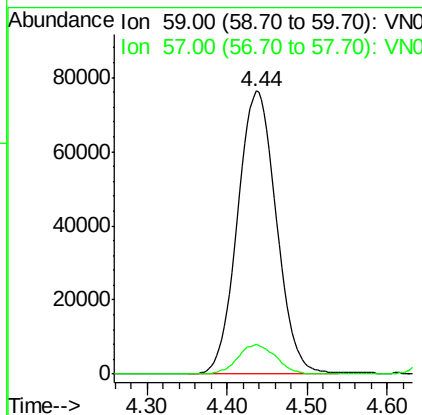
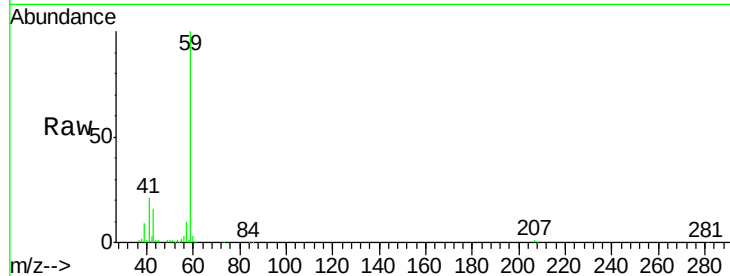
Tert butyl alcohol
 Concen: 565.542 ug/l
 RT: 4.44 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

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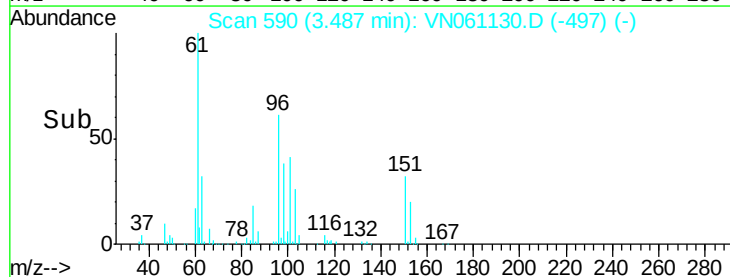
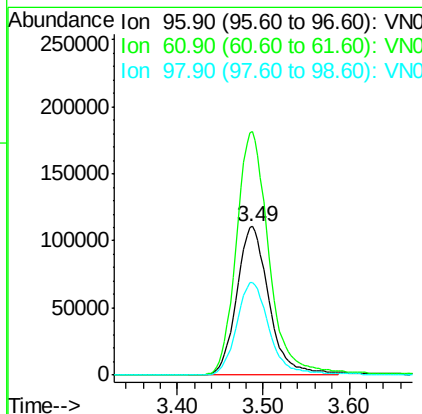
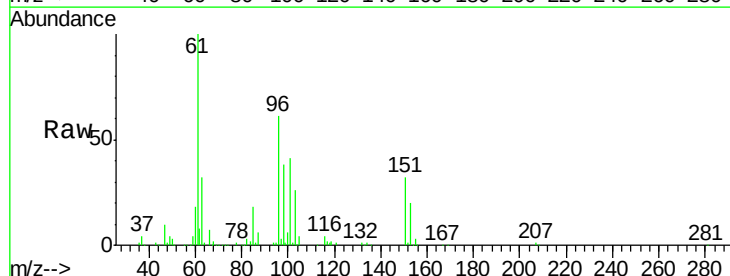
MMDadoda
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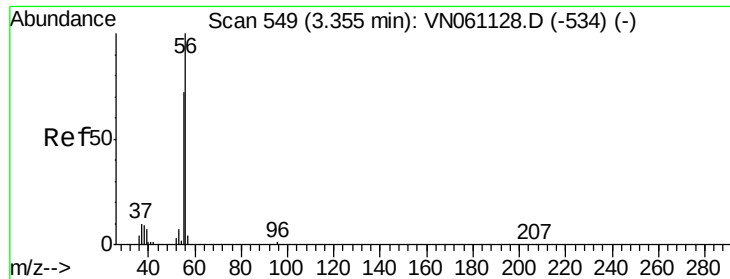


#12

1,1-Dichloroethene
 Concen: 132.094 ug/l
 RT: 3.49 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.8	130.8	196.2
98	62.3	49.4	74.2





#13

Acrolein

Concen: 619.035 ug/l

RT: 3.36 min Scan# 549

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 229267

Ion Ratio Lower Upper

56 100

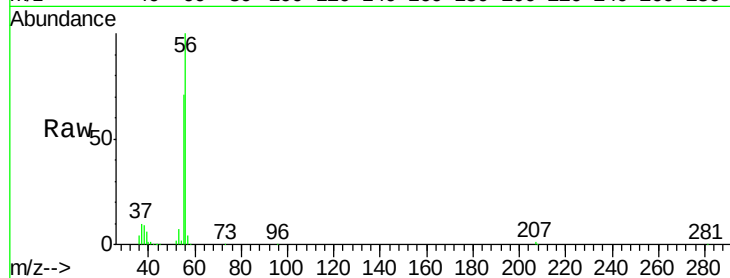
55 71.4 57.4 86.0

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.36

100000

80000

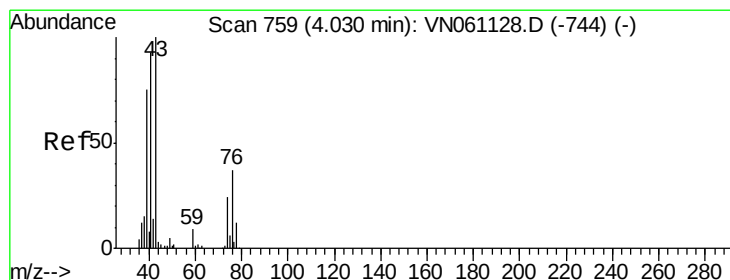
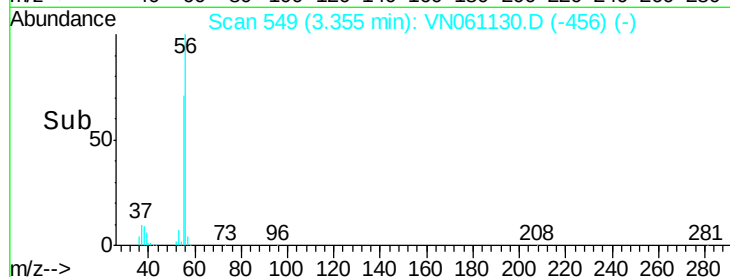
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 96.144 ug/l

RT: 4.03 min Scan# 759

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

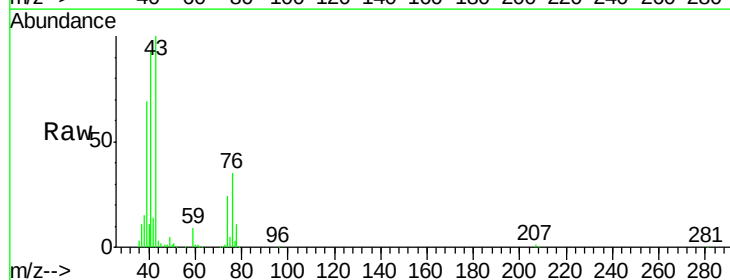
Tgt Ion: 41 Resp: 384623

Ion Ratio Lower Upper

41 100

39 74.1 61.0 91.4

76 37.4 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.03

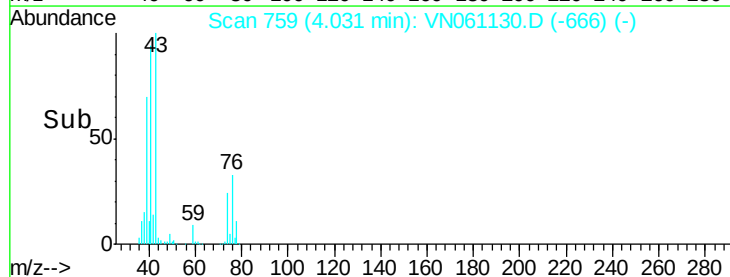
150000

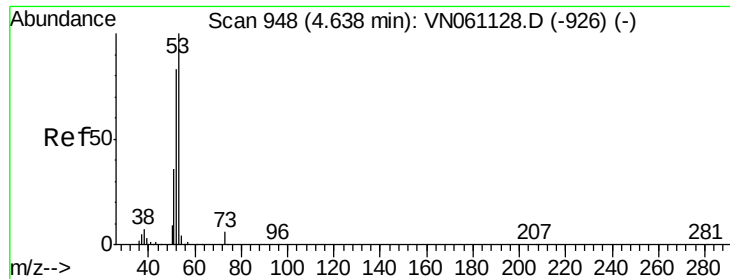
100000

50000

0

Time-->





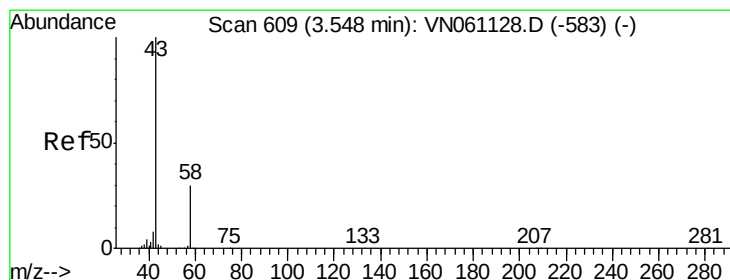
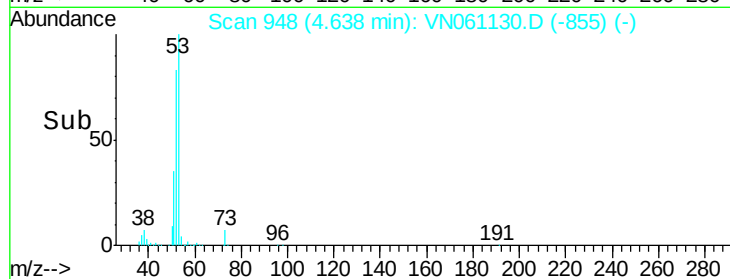
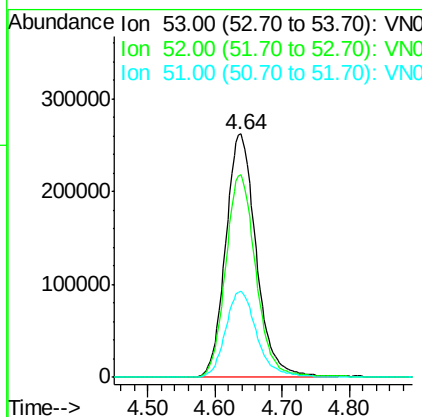
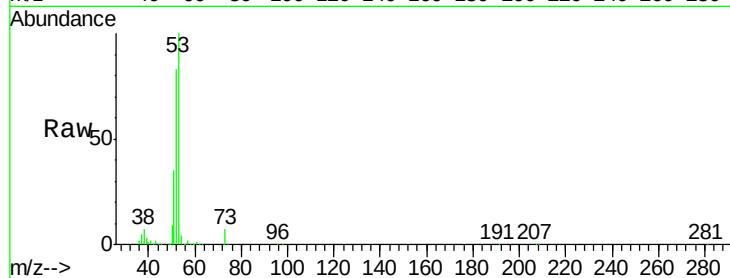
#15
 Acrylonitrile
 Concen: 674.516 ug/l
 RT: 4.64 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	53	Resp:	827562
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.1	99.1
51	36.3	29.0	43.4

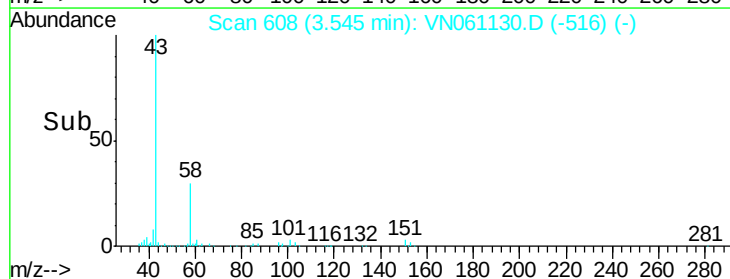
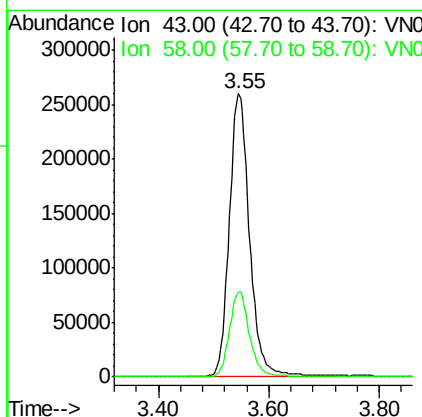
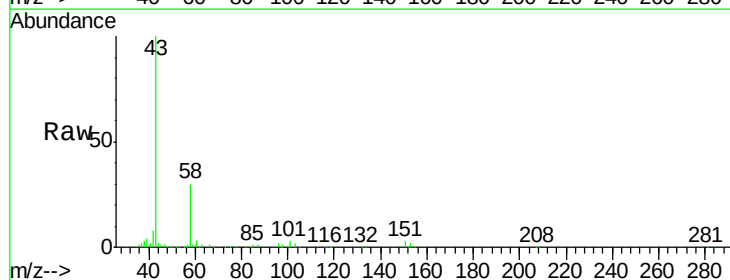
Manual Integrations
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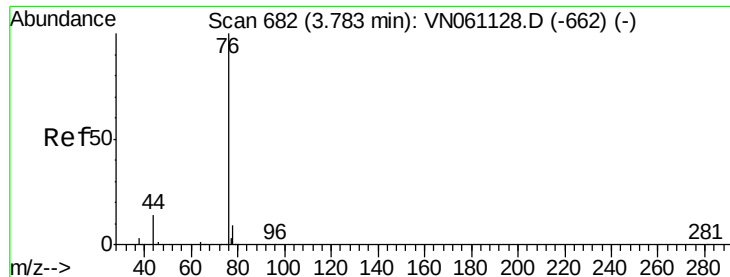
MMDadoda
 4/24/2020 1:35:03 PM



#16
 Acetone
 Concen: 600.684 ug/l
 RT: 3.55 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion:	43	Resp:	665094
Ion Ratio	Lower	Upper	
43	100		
58	30.0	23.6	35.4





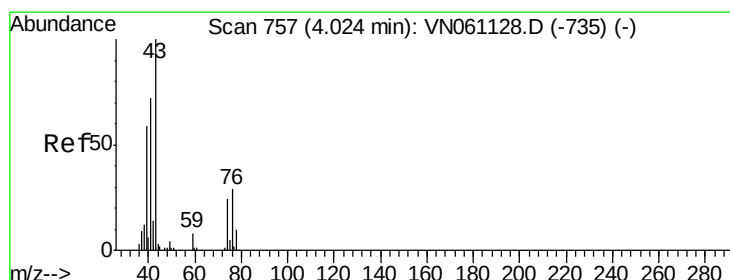
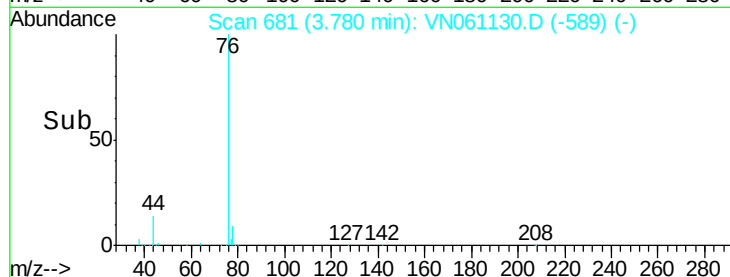
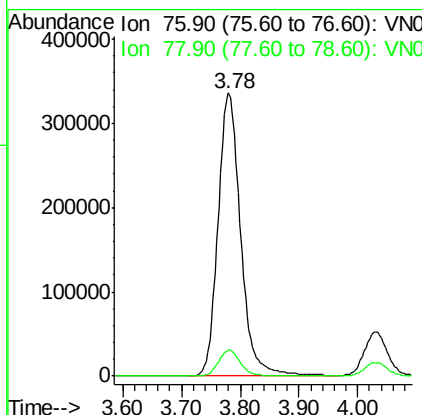
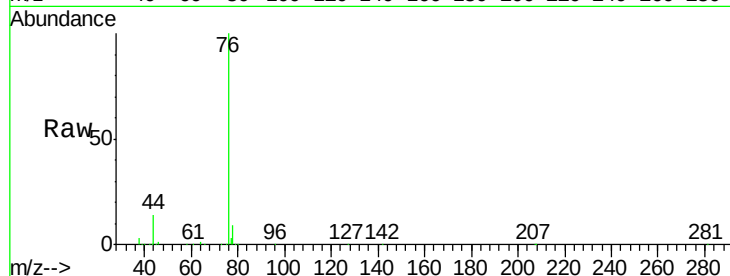
#17
Carbon Disulfide
Concen: 130.293 ug/l
RT: 3.78 min Scan# 681
Delta R.T. -0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

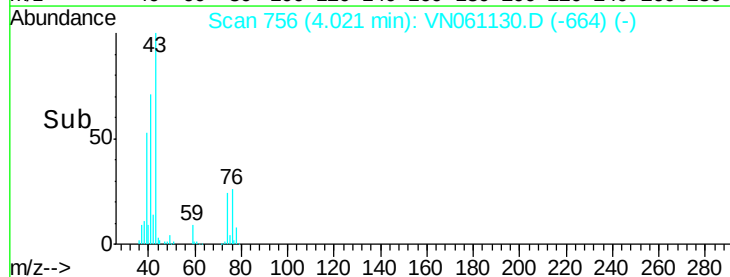
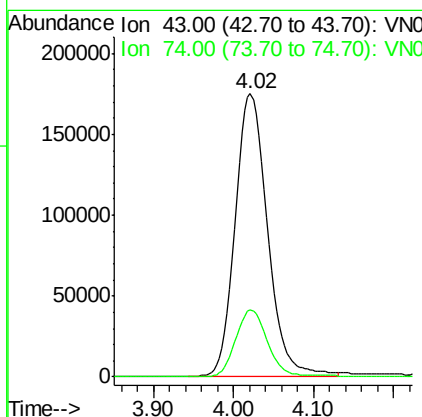
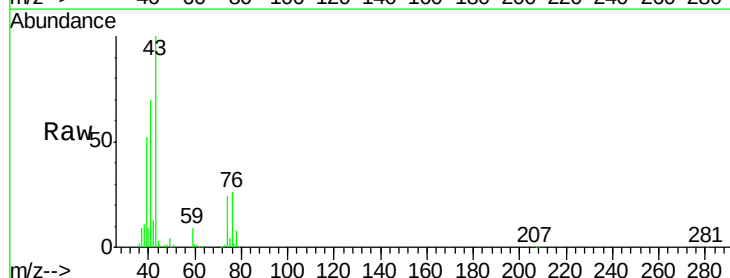
Manual Integrations
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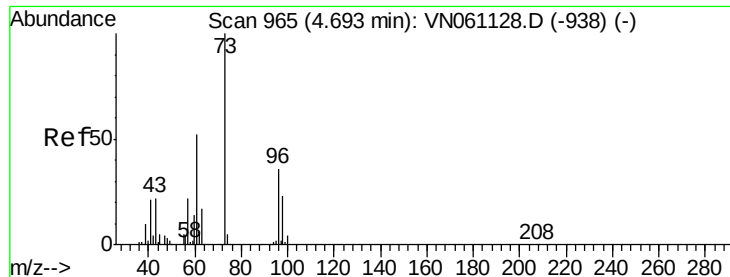
MMDadoda
4/24/2020 1:35:03 PM



#18
Methyl Acetate
Concen: 135.818 ug/l
RT: 4.02 min Scan# 756
Delta R.T. -0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	19.4	29.0





#19

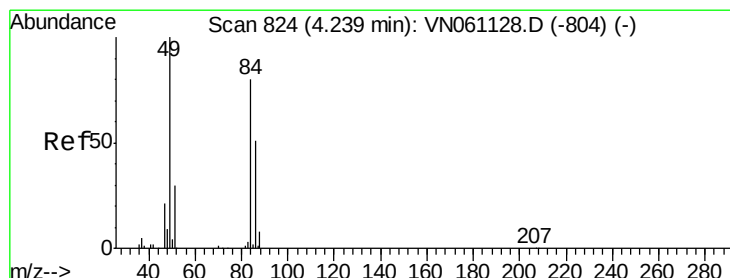
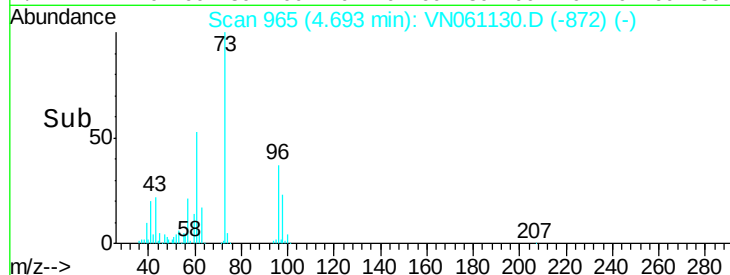
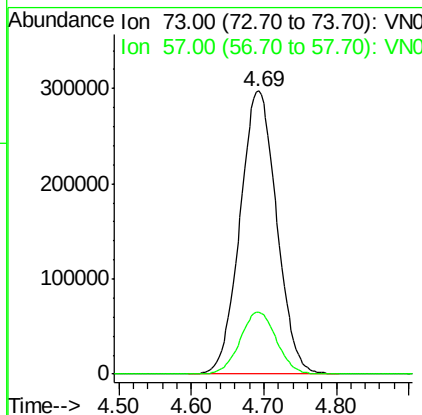
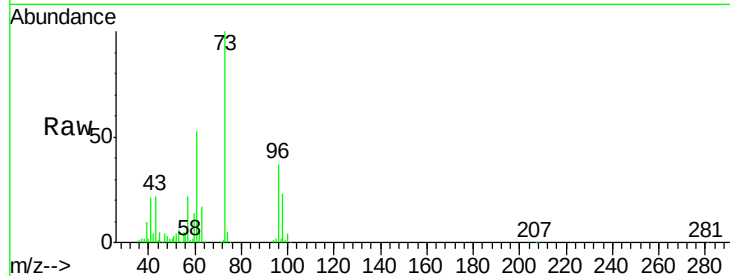
Methyl tert-butyl Ether
 Concen: 135.799 ug/l
 RT: 4.69 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 1044052
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.8 26.8

Manual Integrations
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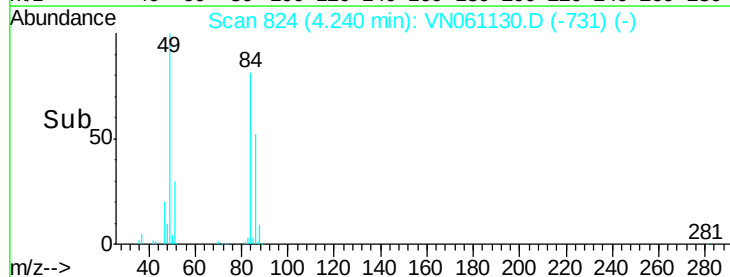
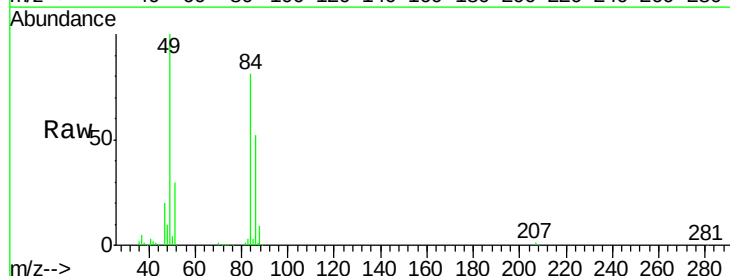
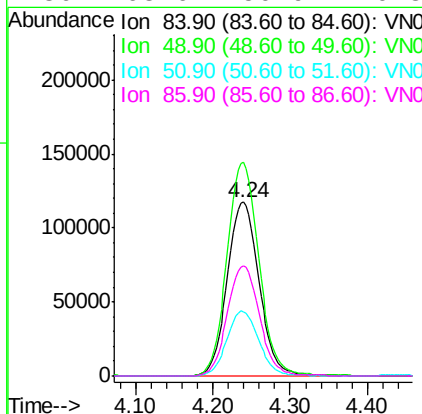
MMDadoda
 4/24/2020 1:35:03 PM

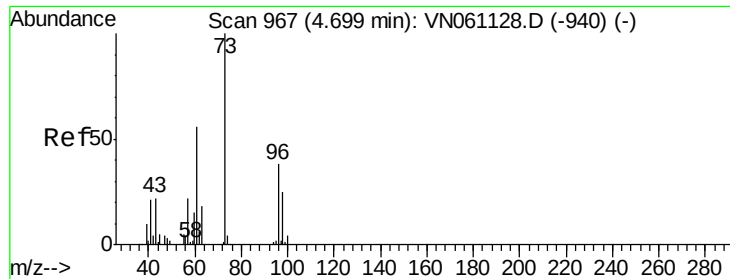


#20

Methylene Chloride
 Concen: 136.145 ug/l
 RT: 4.24 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion: 84 Resp: 337083
 Ion Ratio Lower Upper
 84 100
 49 122.7 99.8 149.6
 51 37.1 29.9 44.9
 86 63.6 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 140.460 ug/l

RT: 4.70 min Scan# 966

Delta R.T. -0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

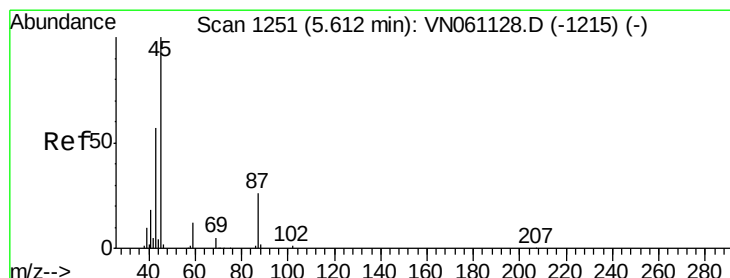
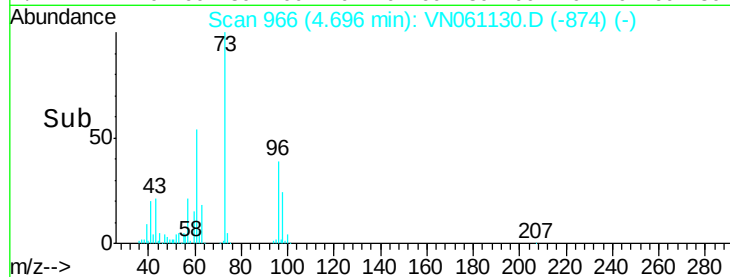
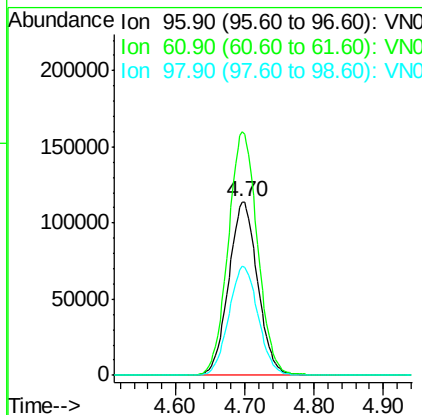
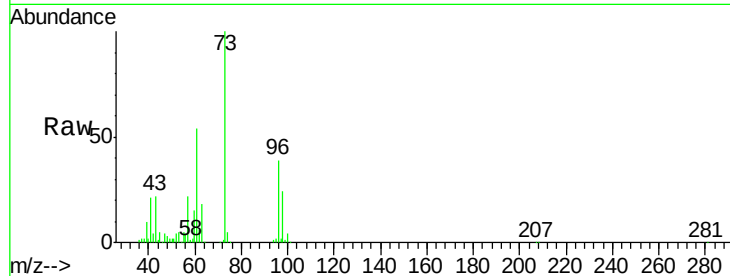
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	333544
Ion	Ratio	Lower	Upper
96	100		
61	140.4	116.4	174.6
98	62.7	51.4	77.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 128.701 ug/l

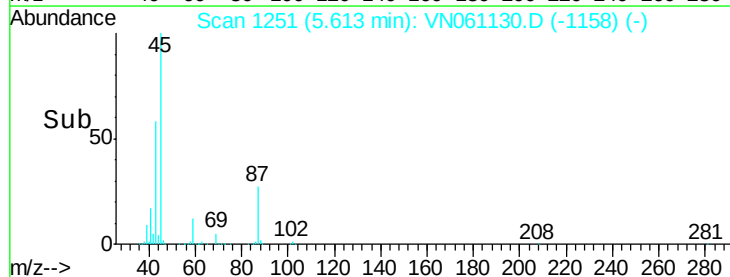
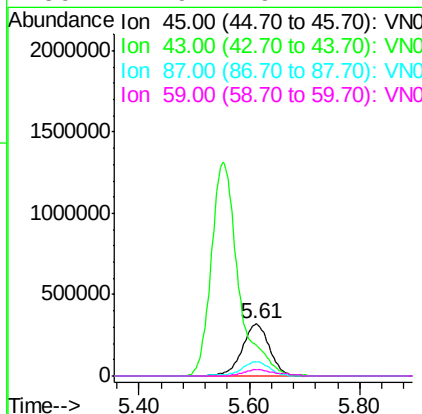
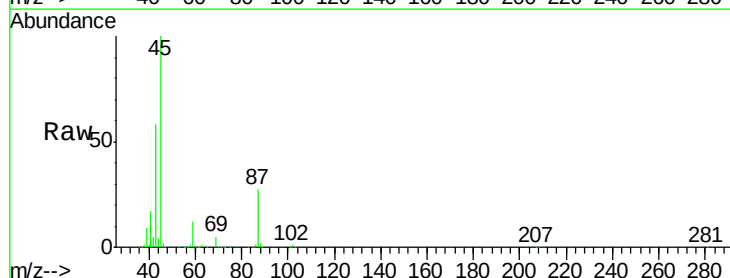
RT: 5.61 min Scan# 1251

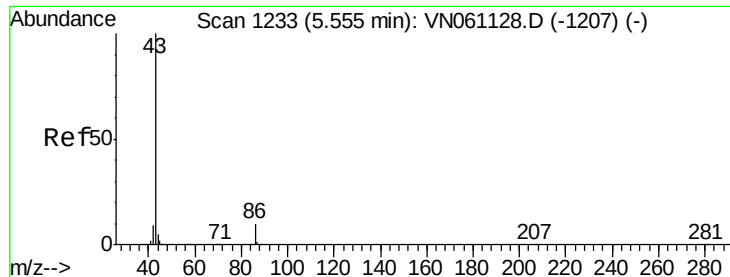
Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Tgt Ion:	45	Resp:	1101871
Ion	Ratio	Lower	Upper
45	100		
43	57.3	48.4	72.6
87	27.3	21.4	32.0
59	11.9	9.4	14.2





#23

Vinyl Acetate

Concen: 665.156 ug/l

RT: 5.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 4488879

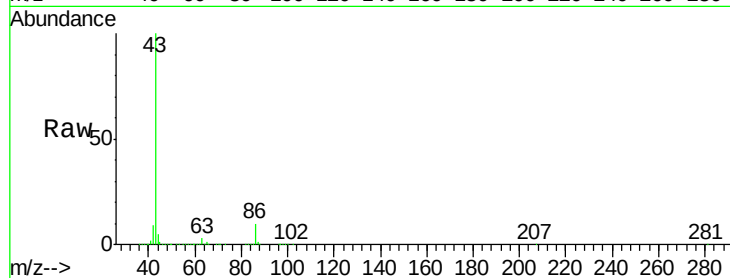
Ion Ratio Lower Upper

43 100

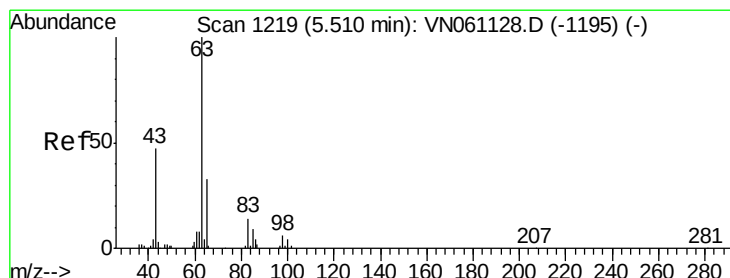
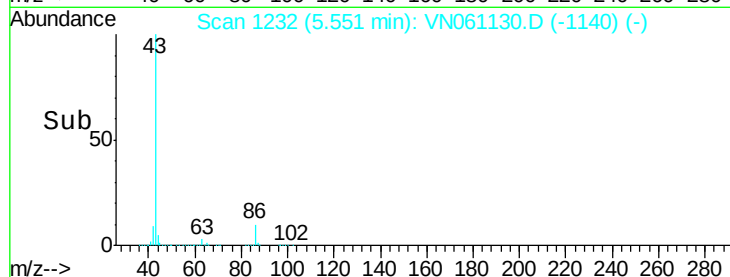
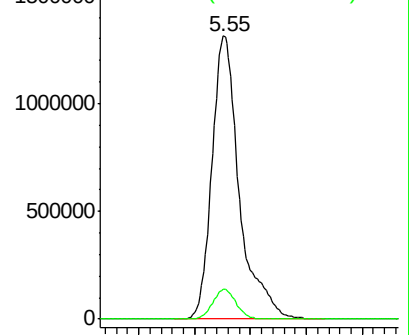
86 10.5 7.8 11.8

Manual Integrations
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4/24/2020 1:35:03 PM



Abundance Ion 43.00 (42.70 to 43.70): VN061130.D (-1140) (-)



#24

1,1-Dichloroethane

Concen: 128.986 ug/l

RT: 5.51 min Scan# 1220

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

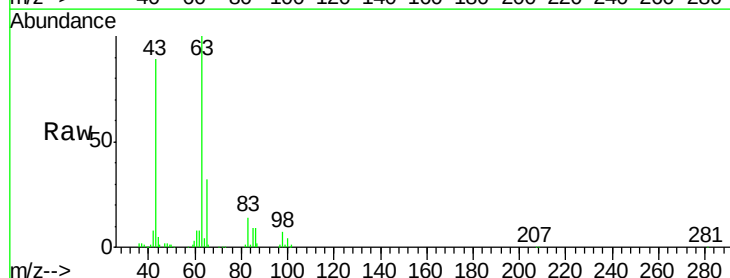
Tgt Ion: 63 Resp: 599825

Ion Ratio Lower Upper

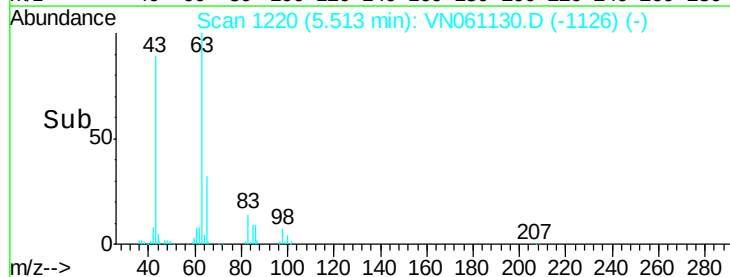
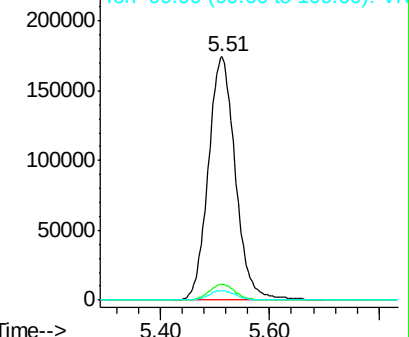
63 100

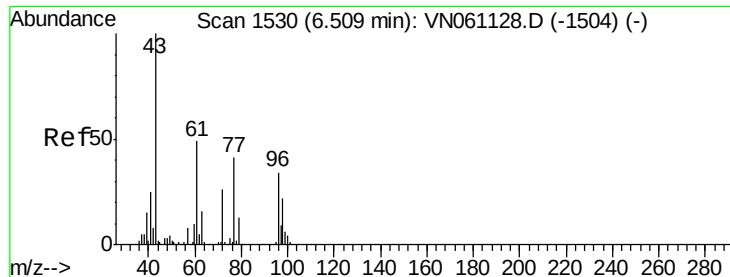
98 6.5 3.3 9.8

100 3.9 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN061130.D (-1126) (-)





#25

2-Butanone

Concen: 649.382 ug/l

RT: 6.51 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 1113528

Ion Ratio Lower Upper

43 100

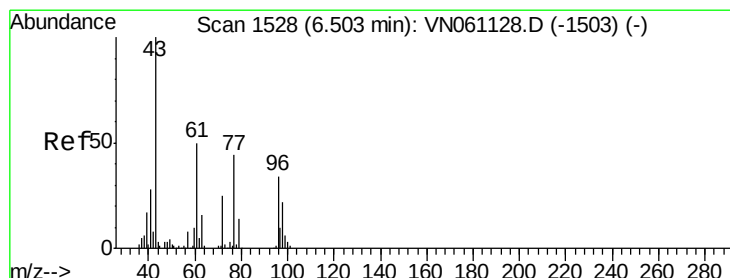
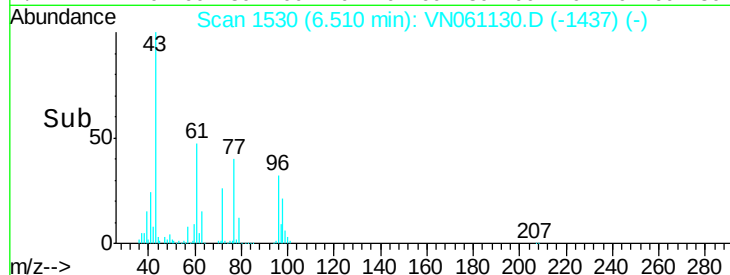
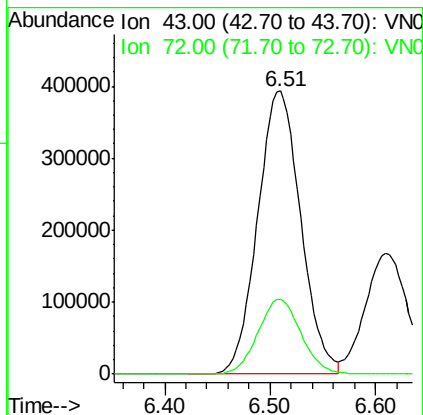
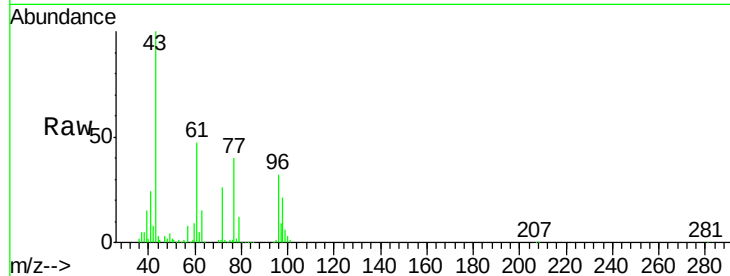
72 26.5 20.8 31.2

Manual Integrations

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4/24/2020 1:35:03 PM



#26

2,2-Dichloropropane

Concen: 137.877 ug/l

RT: 6.50 min Scan# 1527

Delta R.T. -0.00 min

Lab File: VN061130.D

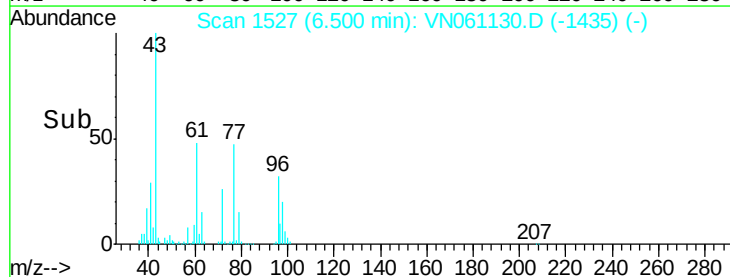
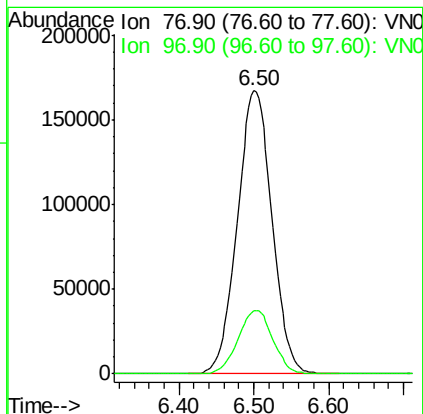
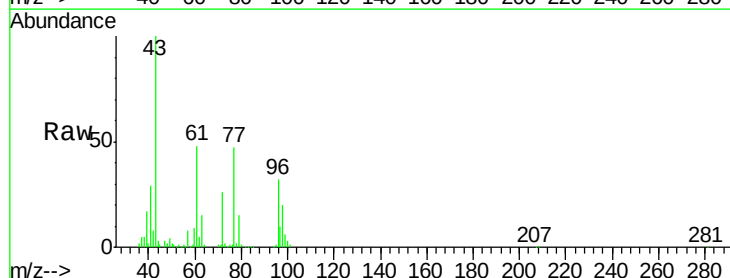
Acq: 22 Apr 2020 15:07

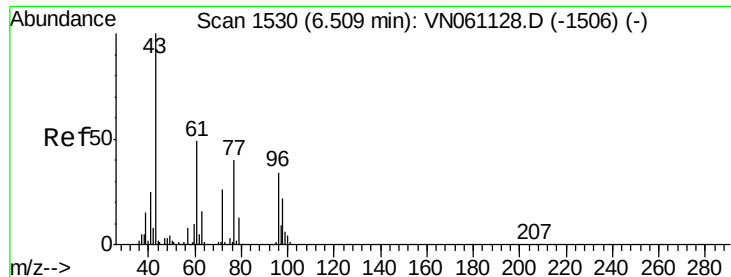
Tgt Ion: 77 Resp: 537762

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 138.077 ug/l

RT: 6.51 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

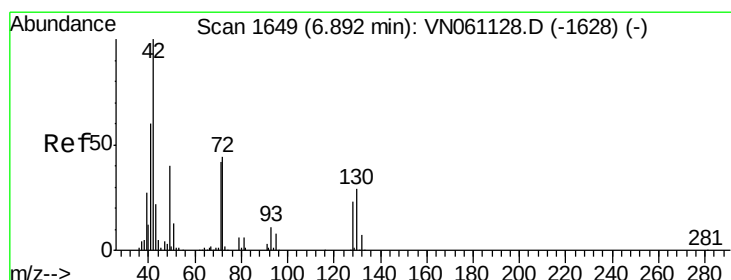
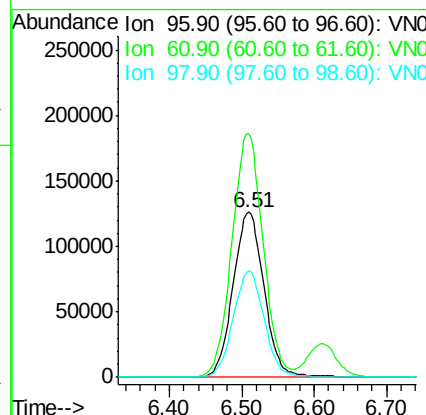
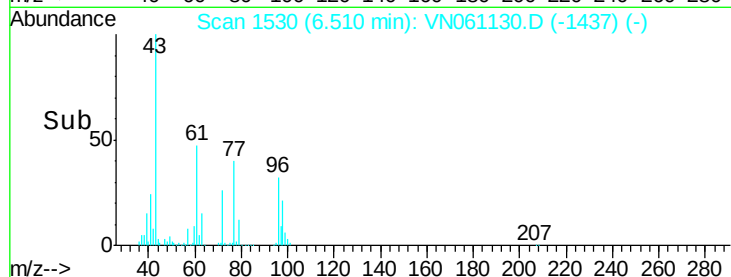
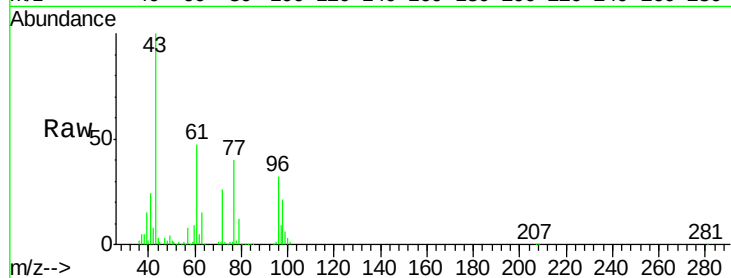
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	375355
Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	300.4
98	64.6	0.0	129.6

Manual Integrations
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MMDadoda
4/24/2020 1:35:03 PM



#28

Bromochloromethane

Concen: 135.058 ug/l

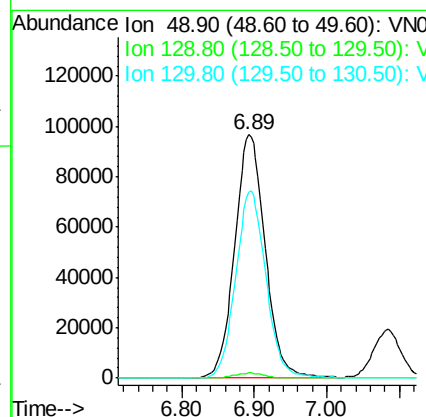
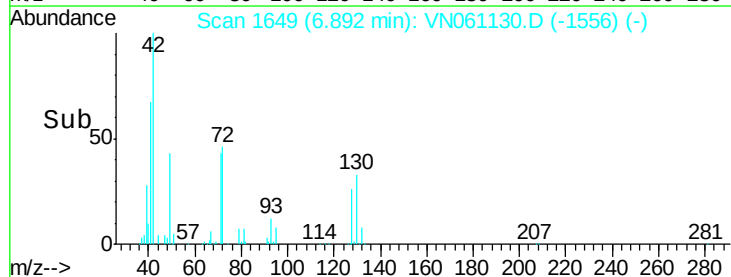
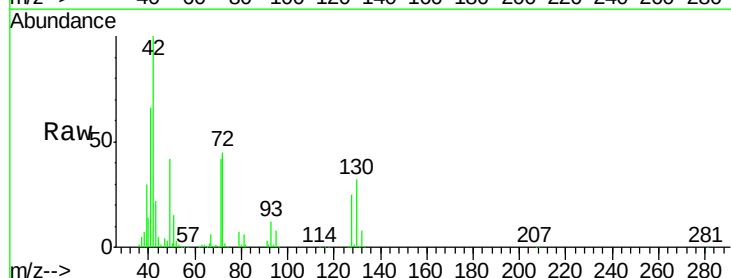
RT: 6.89 min Scan# 1649

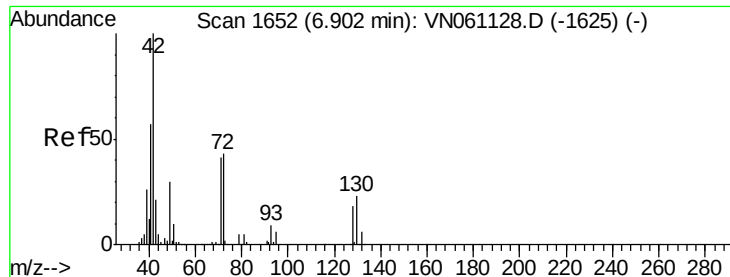
Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Tgt Ion:	49	Resp:	283824
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	2.2
130	75.7	59.7	89.5





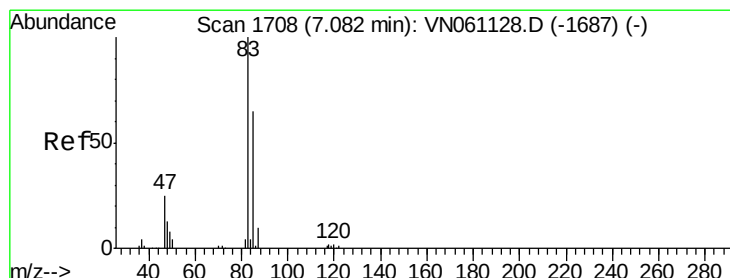
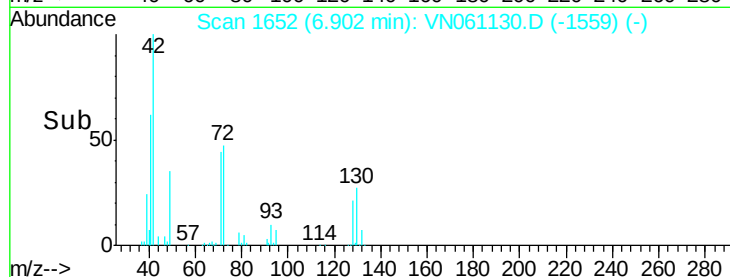
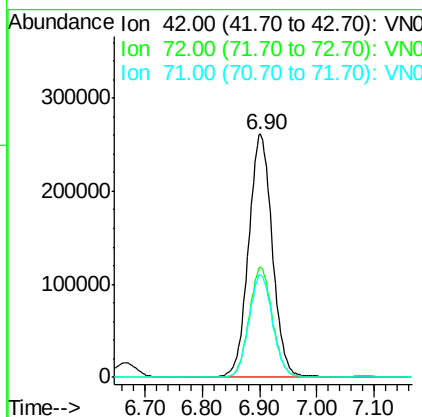
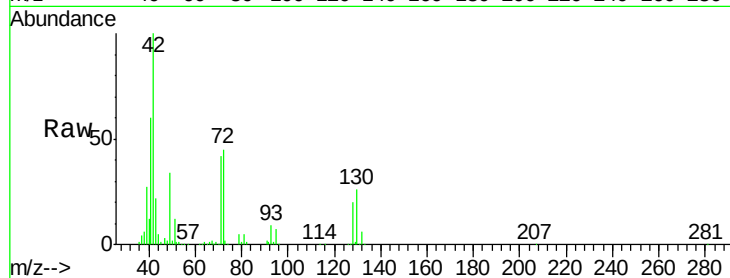
#29
Tetrahydrofuran
Concen: 645.527 ug/l
RT: 6.90 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.1	52.7
71	41.9	33.0	49.6

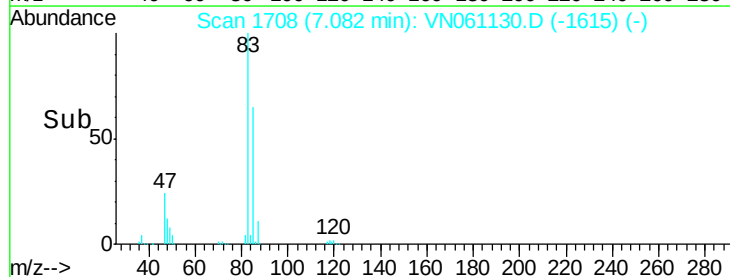
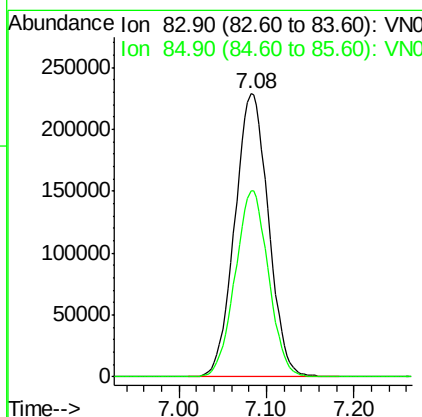
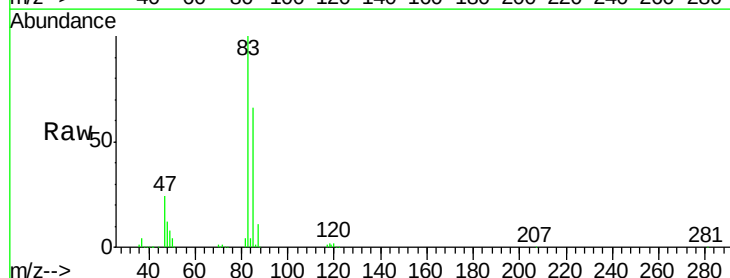
Manual Integrations
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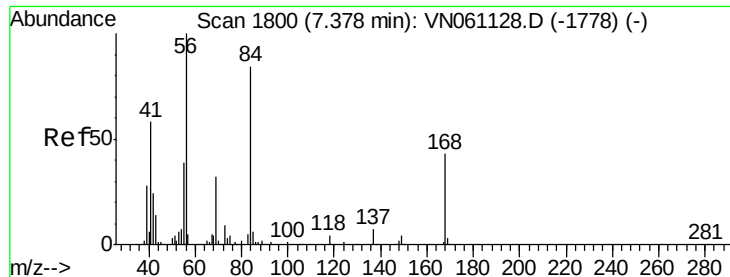
MMDadoda
4/24/2020 1:35:03 PM



#30
Chloroform
Concen: 139.515 ug/l
RT: 7.08 min Scan# 1708
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.2	78.4





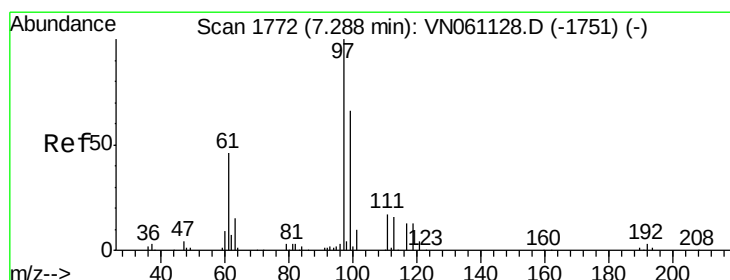
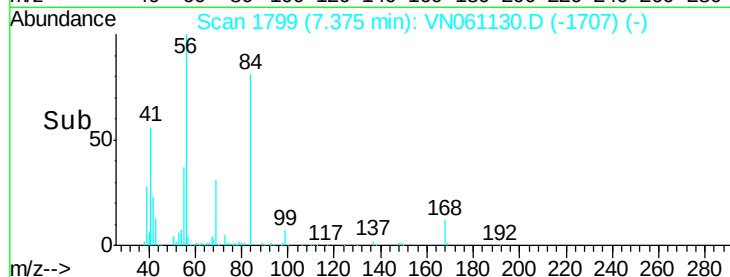
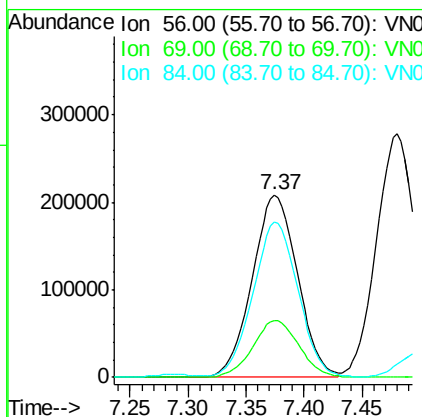
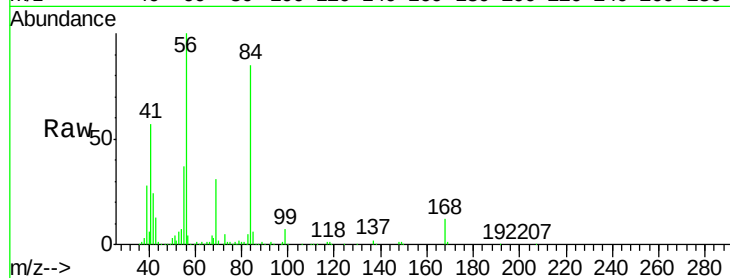
#31
Cyclohexane
Concen: 119.317 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.9	38.9
84	84.2	67.4	101.0

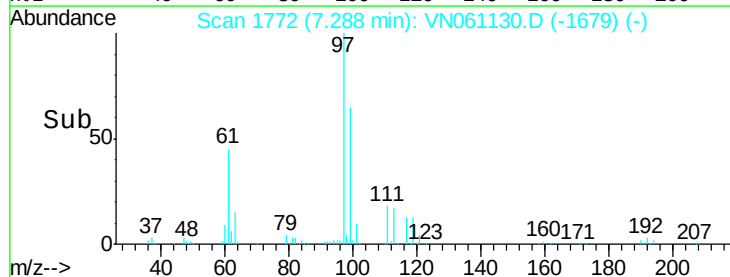
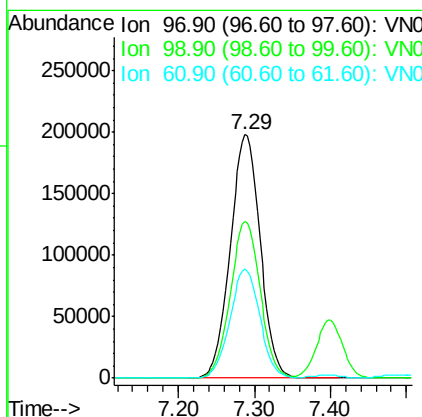
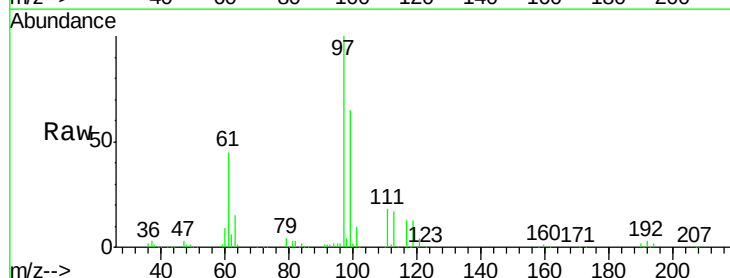
Manual Integrations
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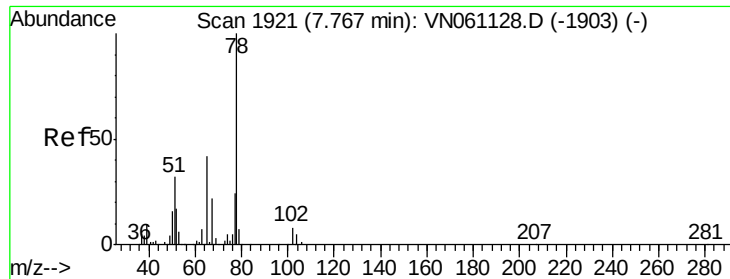
MMDadoda
4/24/2020 1:35:03 PM



#32
1,1,1-Trichloroethane
Concen: 142.384 ug/l
RT: 7.29 min Scan# 1772
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.0	78.0
61	44.7	35.9	53.9





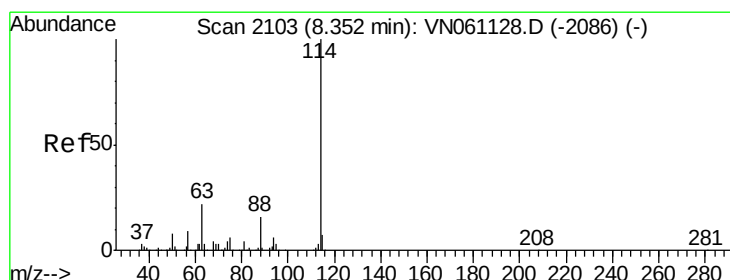
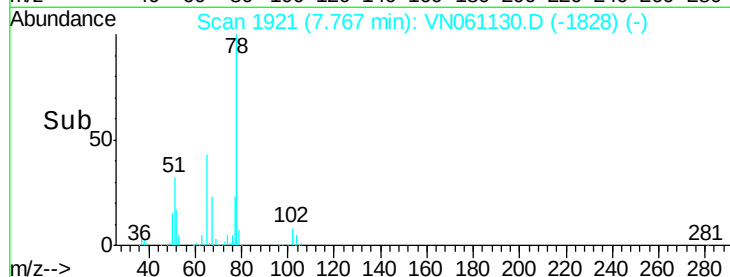
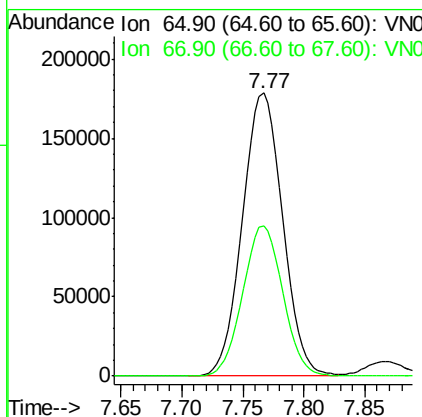
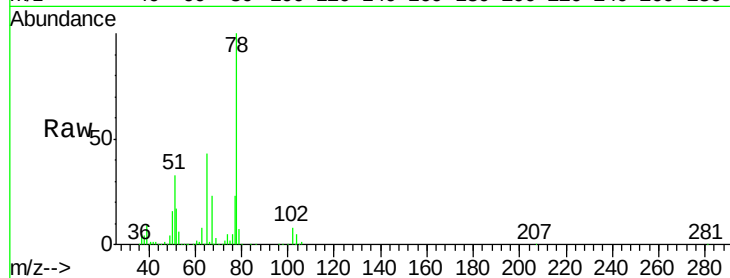
#33
 1,2-Dichloroethane-d4
 Concen: 154.680 ug/l
 RT: 7.77 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.0	0.0	105.8	

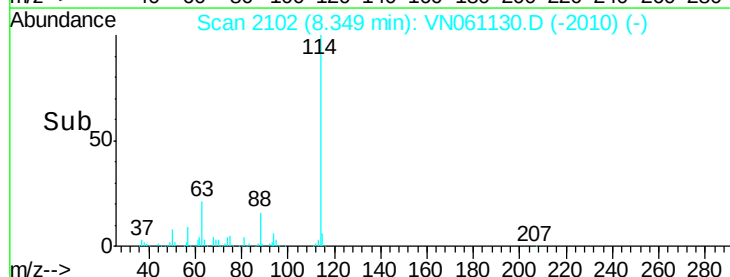
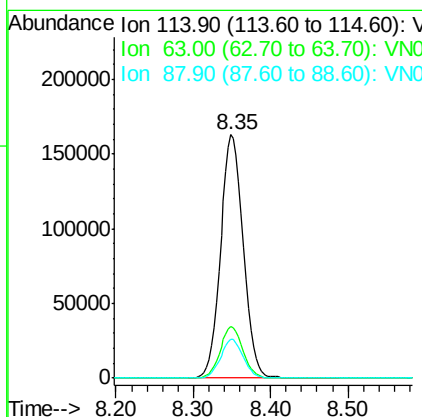
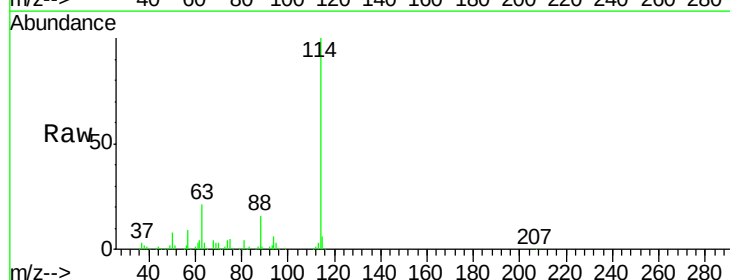
Manual Integrations
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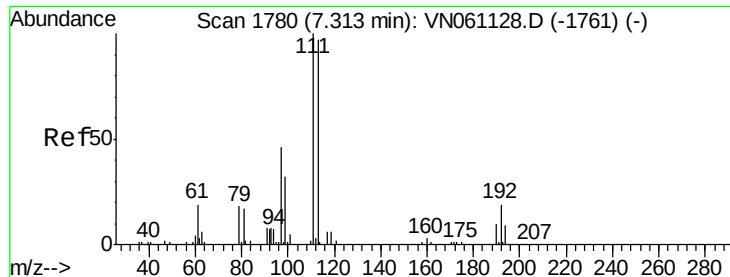
MMDadoda
 4/24/2020 1:35:03 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.35 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	21.0	0.0	43.2	
88	15.7	0.0	32.4	





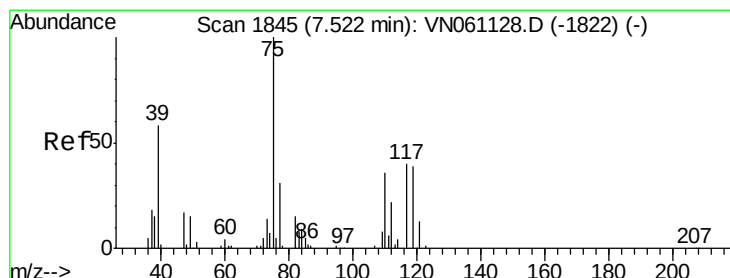
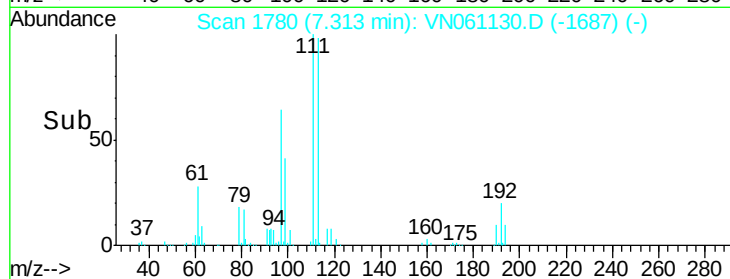
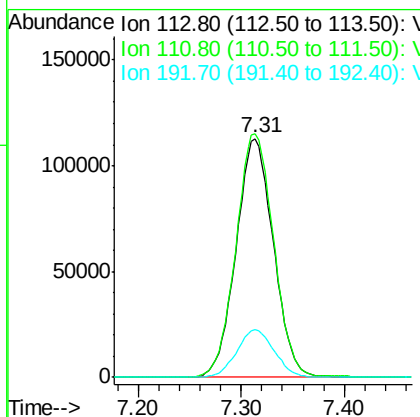
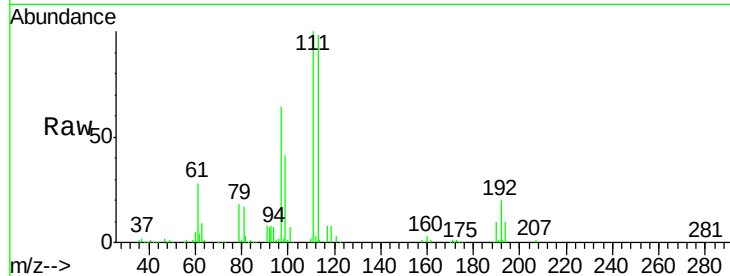
#35
 Dibromofluoromethane
 Concen: 146.545 ug/l
 RT: 7.31 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	284161		
111	103.3	83.0	124.6	
192	20.1	15.8	23.6	

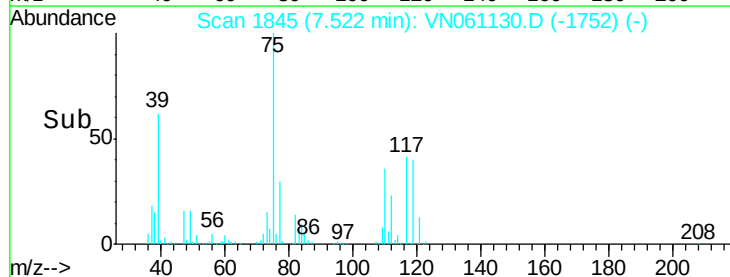
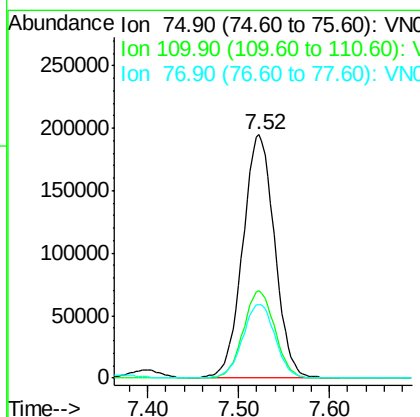
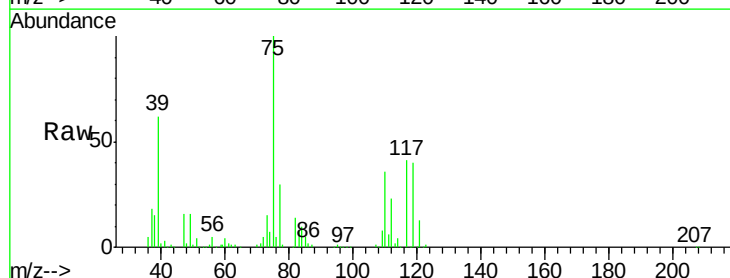
Manual Integrations
 APPROVED

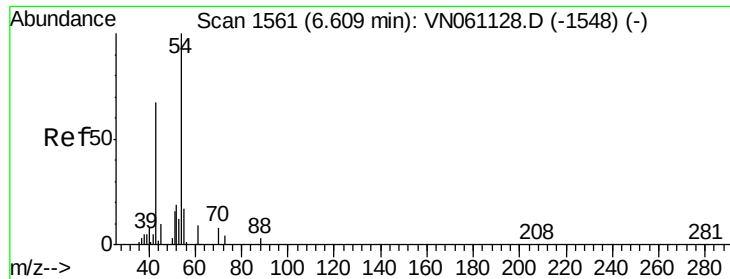
MMDadoda
 4/24/2020 1:35:03 PM



#36
 1,1-Dichloropropene
 Concen: 138.821 ug/l
 RT: 7.52 min Scan# 1845
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	472209		
110	35.7	17.7	53.1	
77	31.1	24.8	37.2	





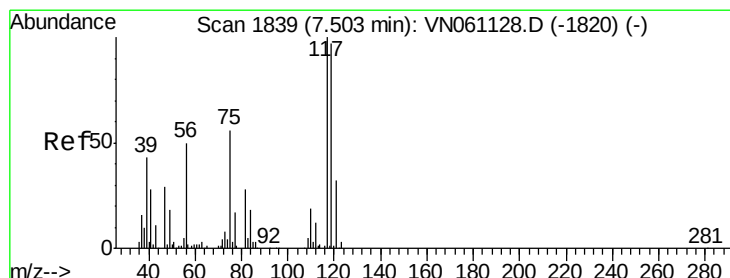
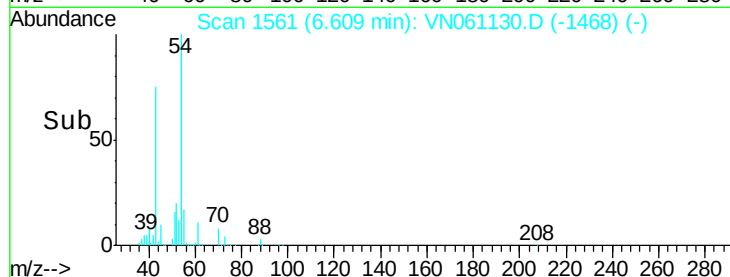
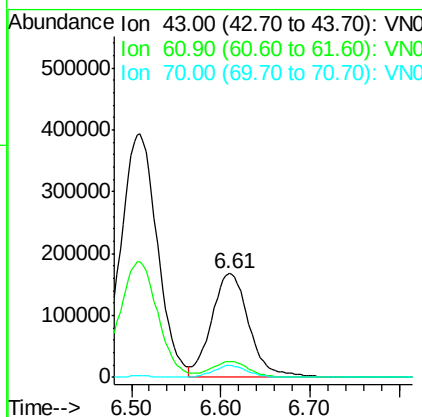
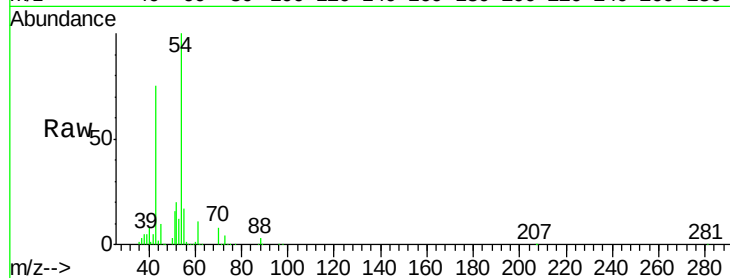
#37
Ethyl Acetate
Concen: 131.733 ug/l
RT: 6.61 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.4	17.0
70	10.5	8.2	12.4

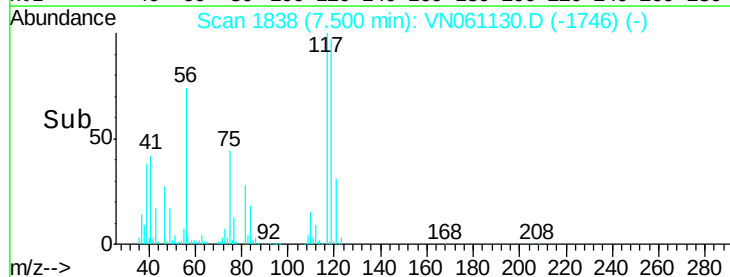
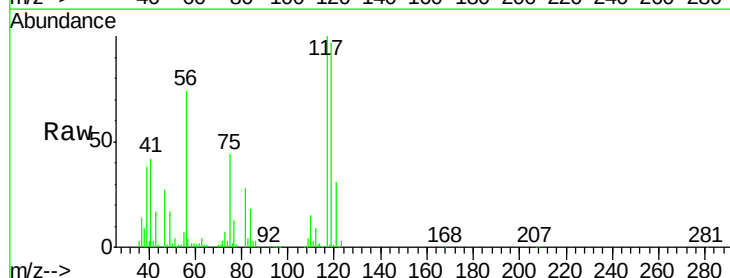
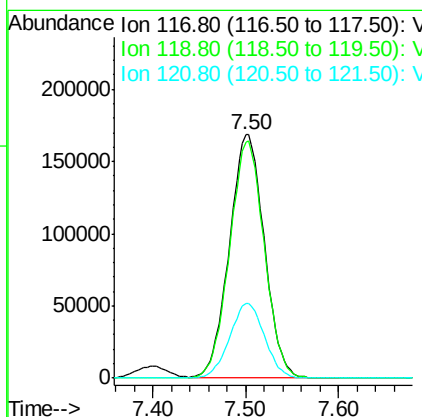
Manual Integrations
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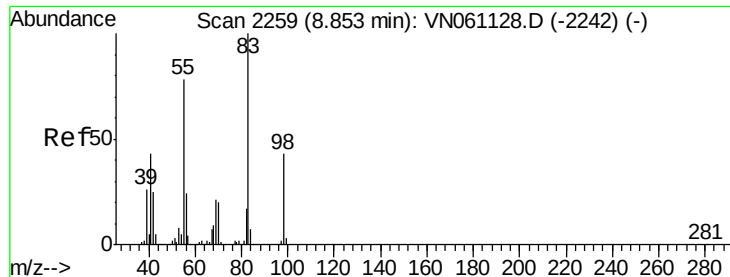
MMDadoda
4/24/2020 1:35:03 PM



#38
Carbon Tetrachloride
Concen: 154.277 ug/l
RT: 7.50 min Scan# 1838
Delta R.T. -0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.9	115.3
121	30.9	25.0	37.6





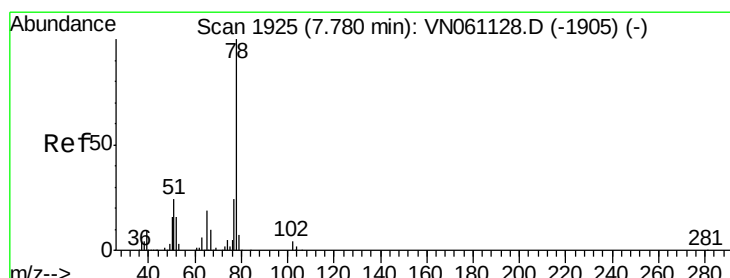
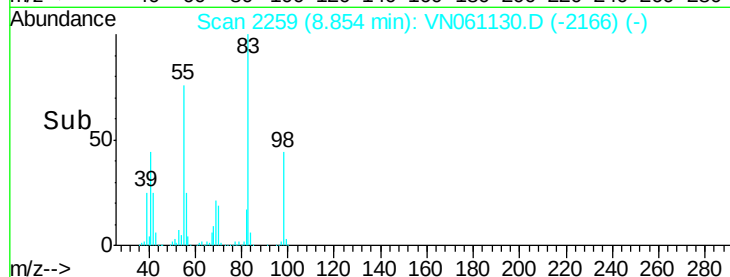
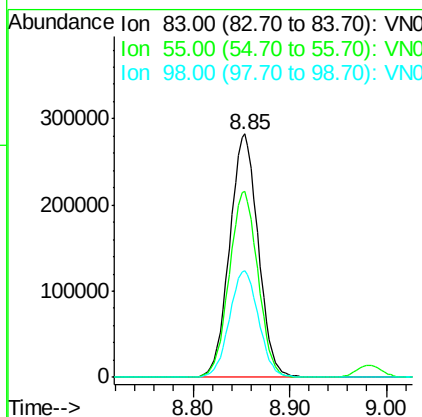
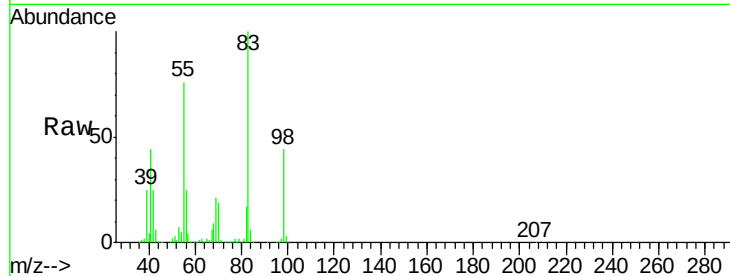
#39
Methylvlcyclohexane
Concen: 141.948 ug/l
RT: 8.85 min Scan# 2259
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	62.2	93.4
98	44.0	34.7	52.1

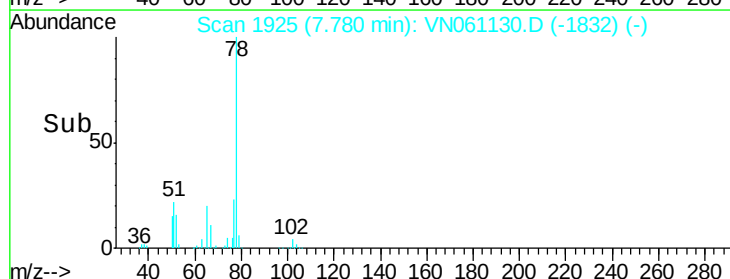
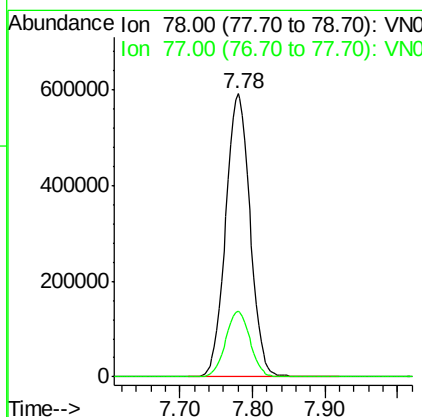
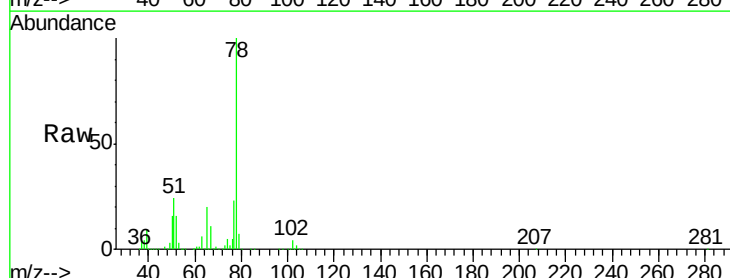
Manual Integrations
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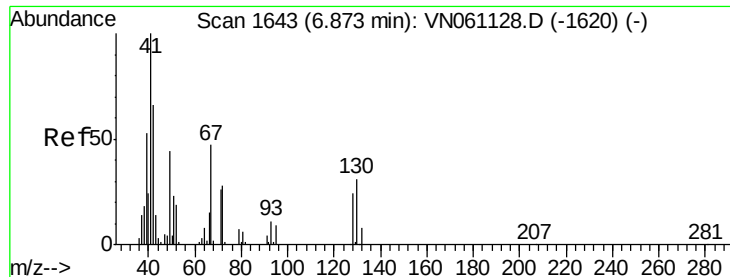
MMDadoda
4/24/2020 1:35:03 PM



#40
Benzene
Concen: 137.361 ug/l
RT: 7.78 min Scan# 1925
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6





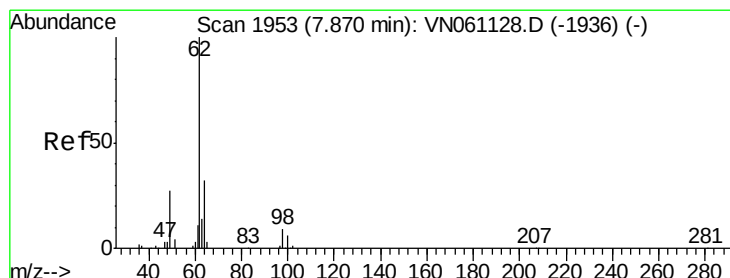
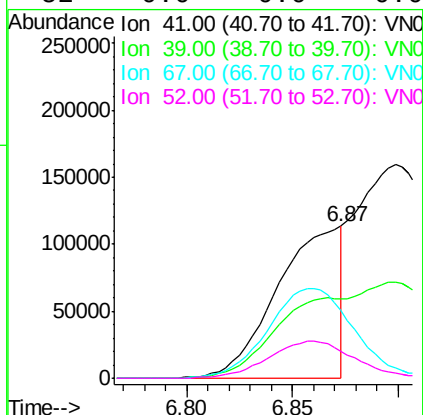
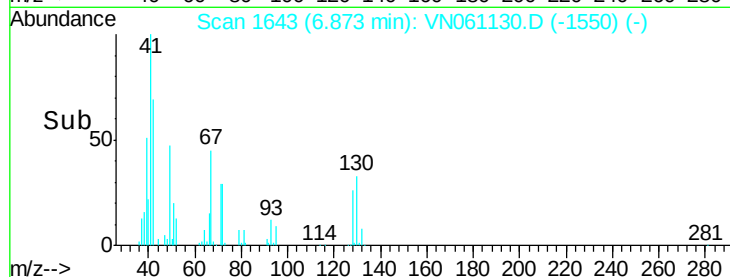
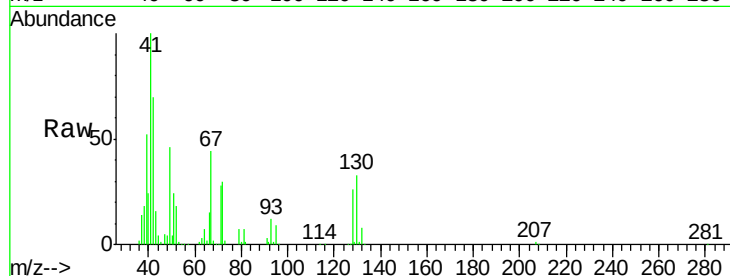
#41
Methacrylonitrile
Concen: 154.351 ug/l m
RT: 6.87 min Scan# 1643
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		239683		
39	0.0	119.4	179.0#		
67	0.0	0.0	0.0		
52	0.0	0.0	0.0		

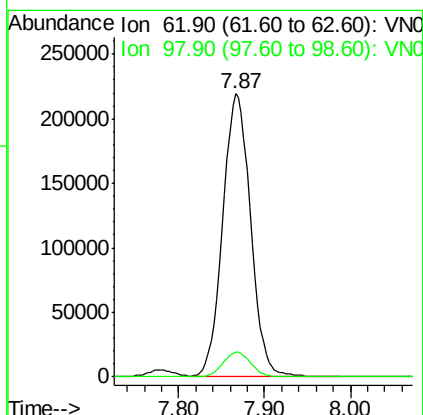
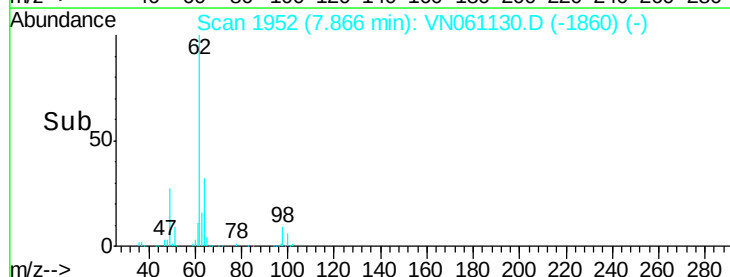
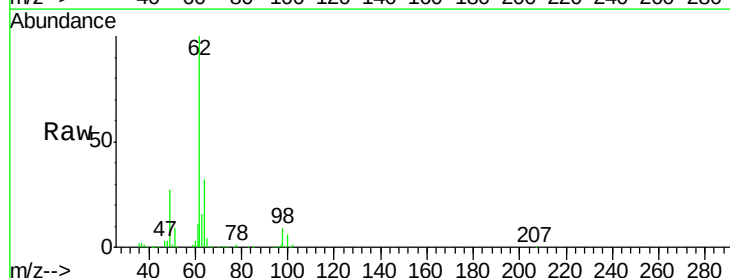
Manual Integrations
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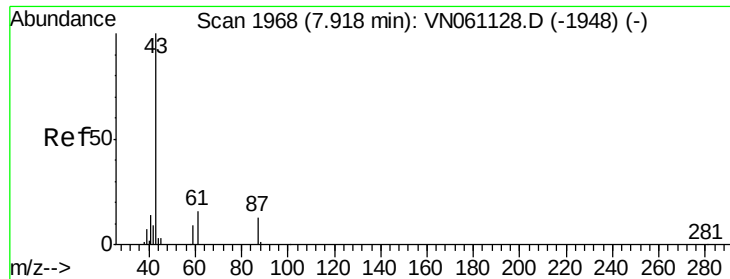
MMDadoda
4/24/2020 1:35:03 PM



#42
1,2-Dichloroethane
Concen: 142.800 ug/l
RT: 7.87 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		493311		
98	8.6	0.0	17.0		





#43

Isopropyl Acetate

Concen: 136.784 ug/l

RT: 7.92 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

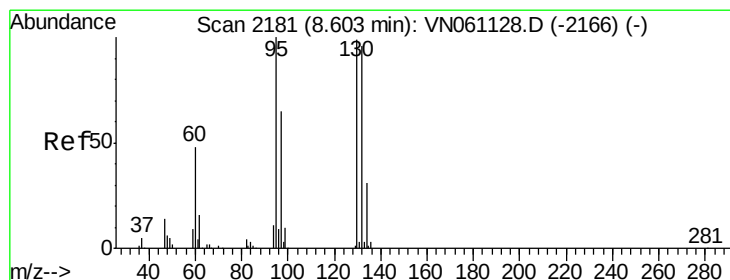
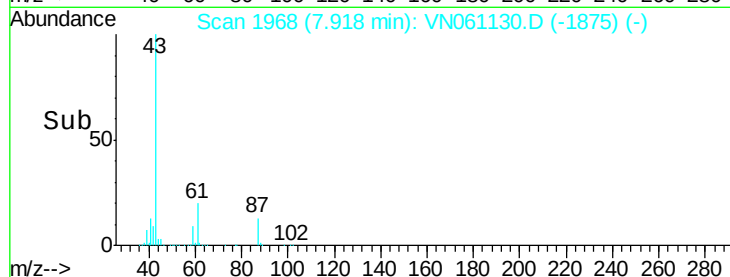
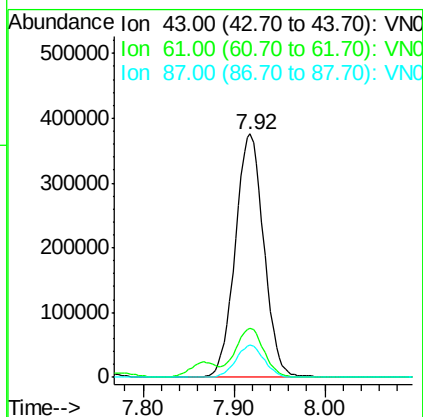
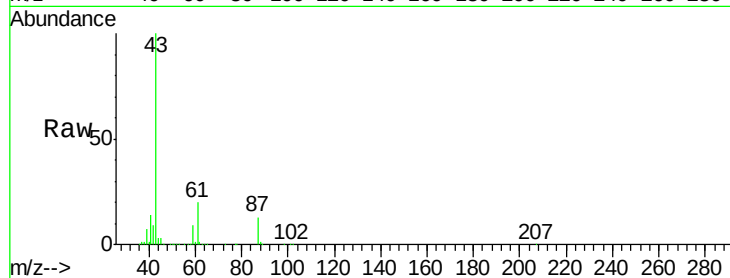
ClientSampleId :

VSTDIC150

Tot Ion:	43	Resp:	816745
Ion	Ratio	Lower	Upper
43	100		
61	20.0	15.5	23.3
87	13.1	10.2	15.4

Manual Integrations
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4/24/2020 1:35:03 PM



#44

Trichloroethene

Concen: 150.973 ug/l

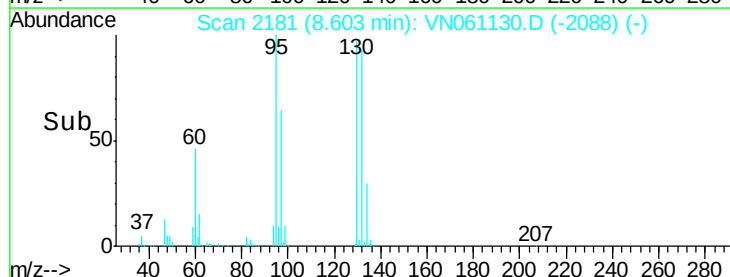
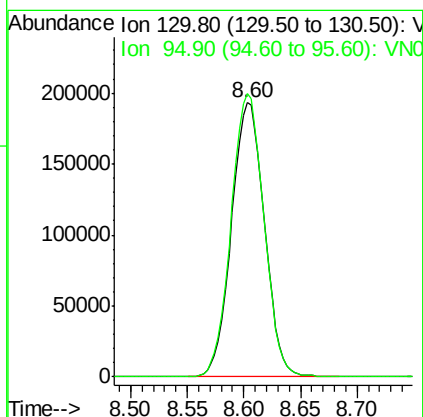
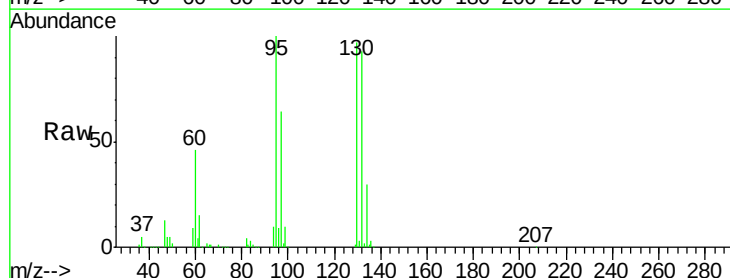
RT: 8.60 min Scan# 2181

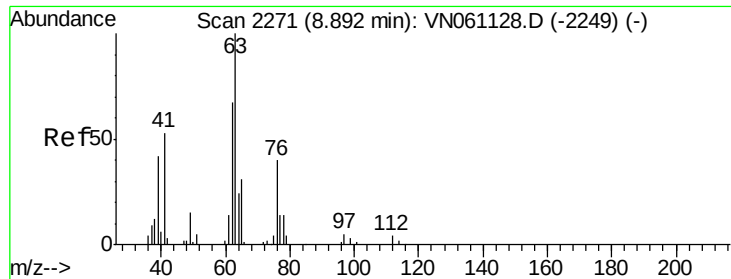
Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Tgt Ion:	130	Resp:	392439
Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	202.6





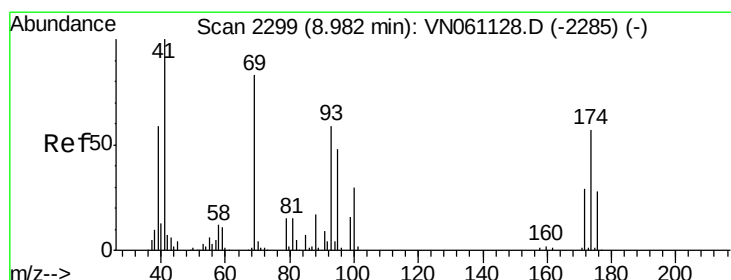
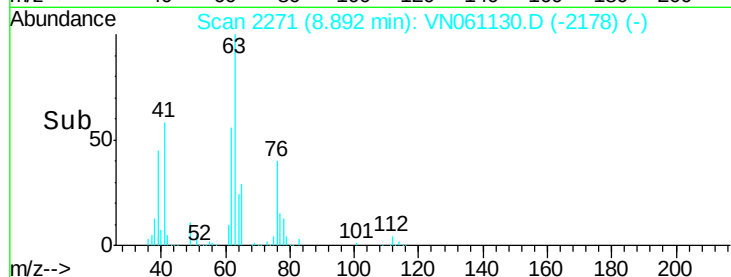
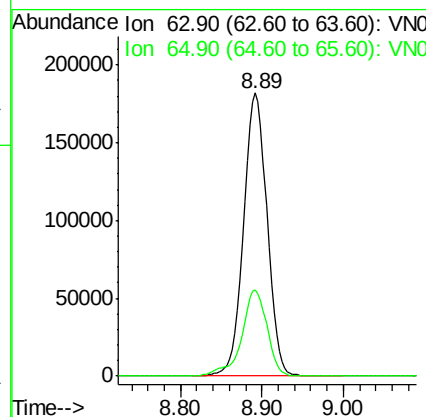
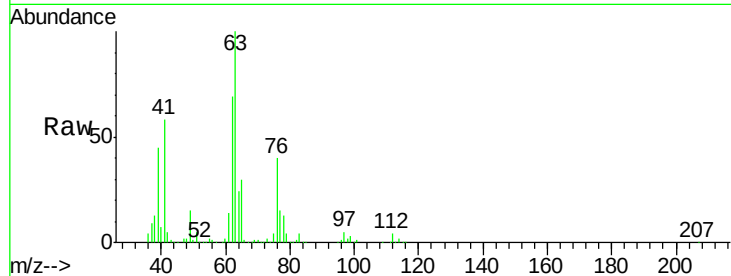
#45
 1,2-Dichloropropane
 Concen: 133.477 ug/l
 RT: 8.89 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.3	24.7	37.1

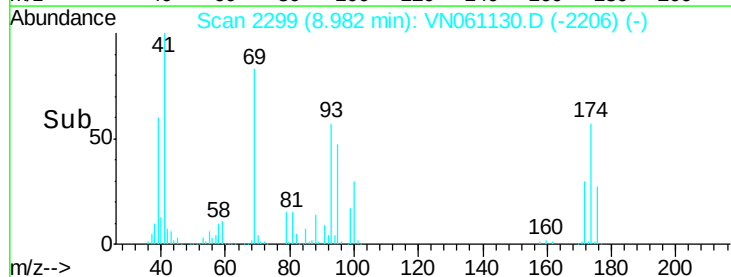
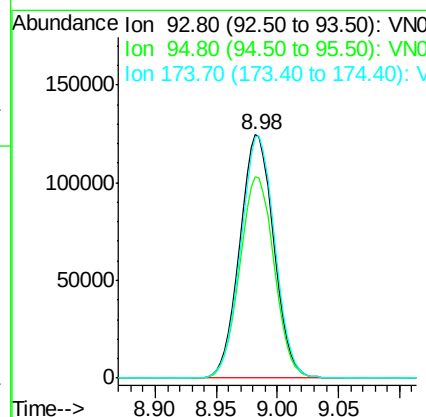
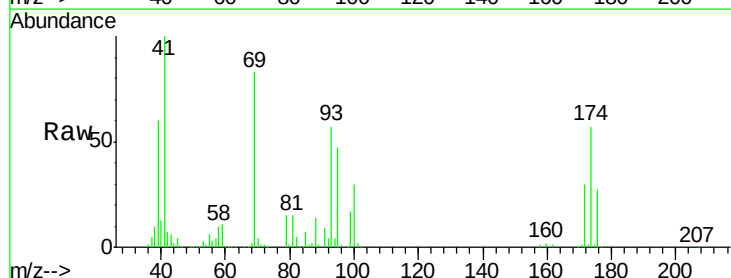
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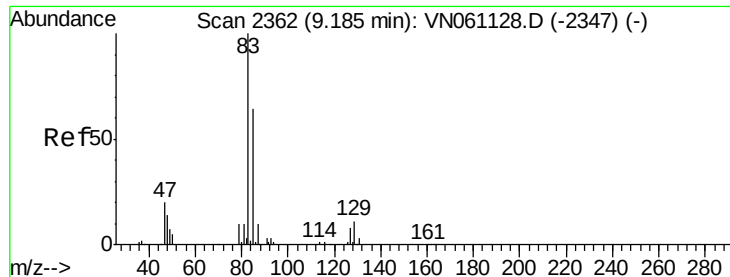
MMDadoda
 4/24/2020 1:35:03 PM



#46
 Dibromomethane
 Concen: 150.970 ug/l
 RT: 8.98 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.9	65.0	97.4
174	99.6	77.8	116.6





#47

Bromodichloromethane

Concen: 147.168 ug/l

RT: 9.18 min Scan# 2362

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

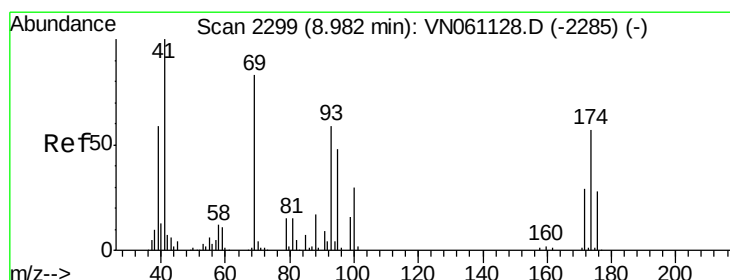
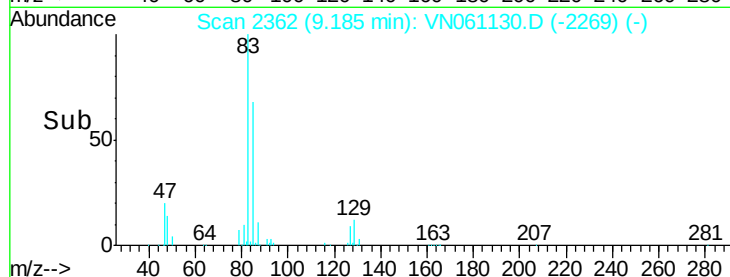
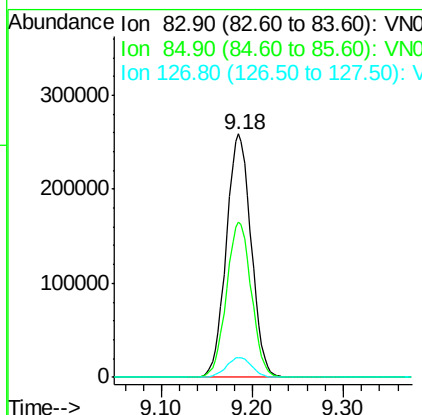
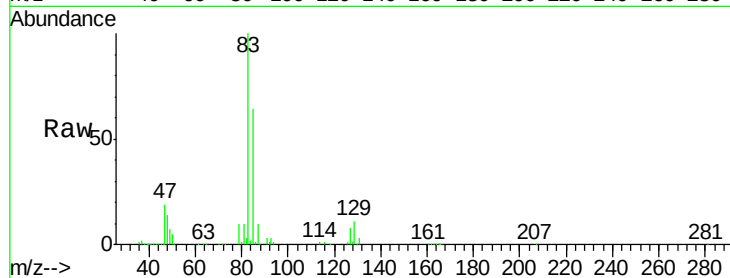
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	490731
Ion Ratio	Lower	Upper	
83	100		
85	64.0	51.4	77.2
127	8.2	6.6	10.0

Manual Integrations
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MMDadoda
4/24/2020 1:35:03 PM



#48

Methyl methacrylate

Concen: 148.783 ug/l

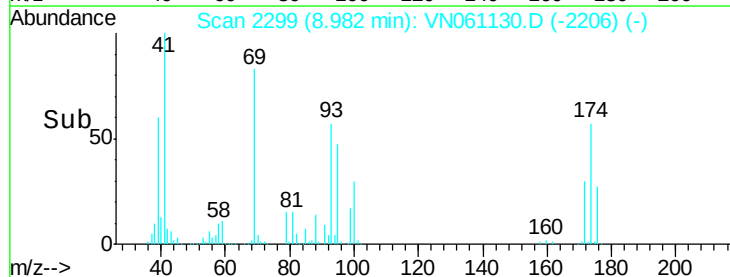
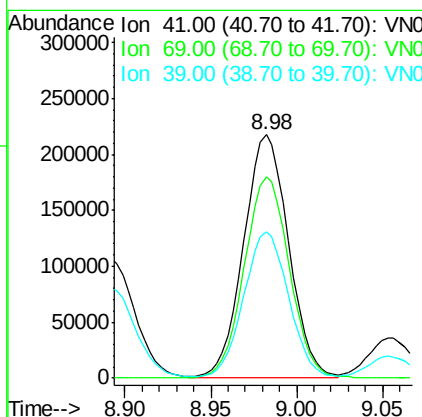
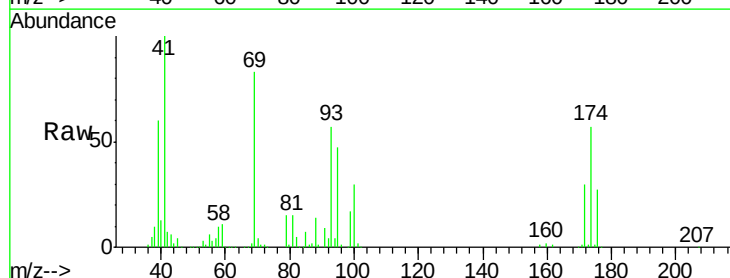
RT: 8.98 min Scan# 2299

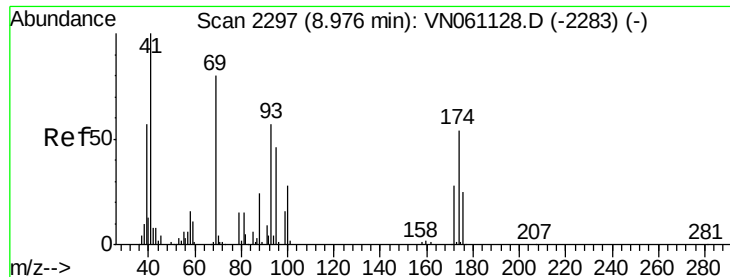
Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Tgt Ion:	41	Resp:	395457
Ion Ratio	Lower	Upper	
41	100		
69	82.7	65.4	98.2
39	60.2	47.8	71.6





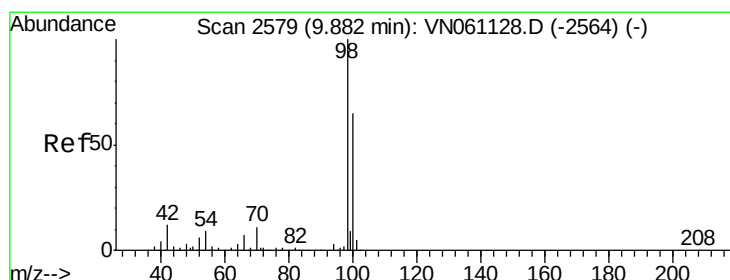
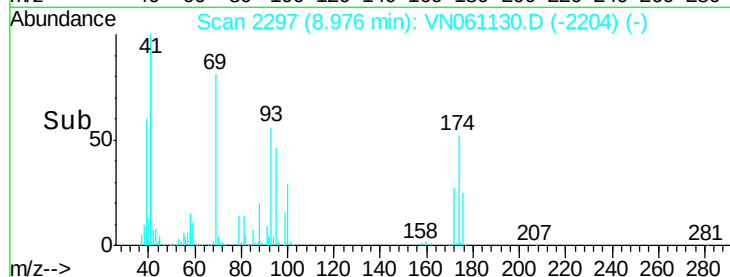
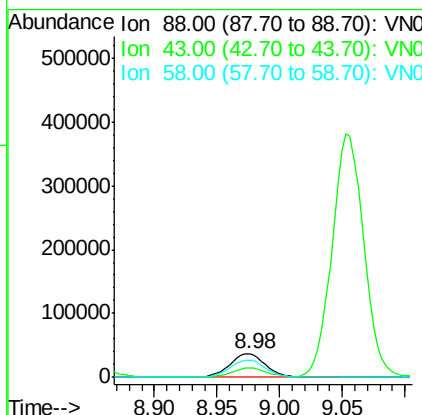
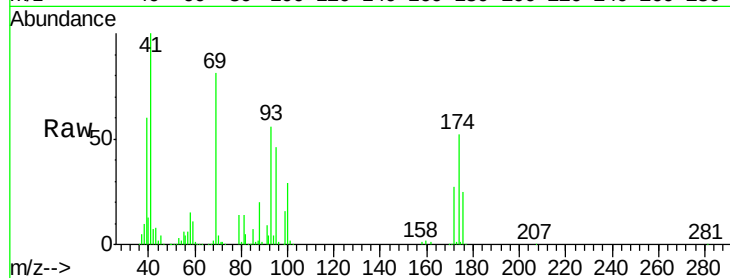
#49
1,4-Dioxane
Concen: 2300.499 ug/l
RT: 8.98 min Scan# 2297
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	88	Resp	74209
Ion	Ratio	Lower	Upper
88	100		
43	38.4	29.0	43.4
58	72.2	57.8	86.6

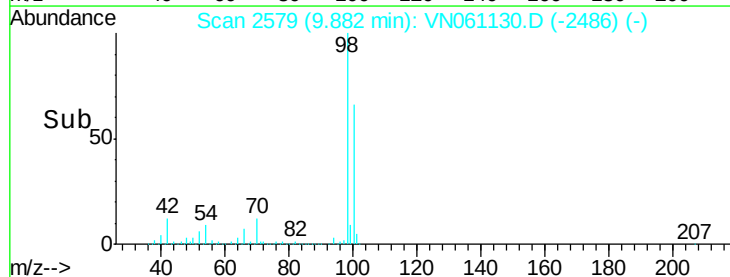
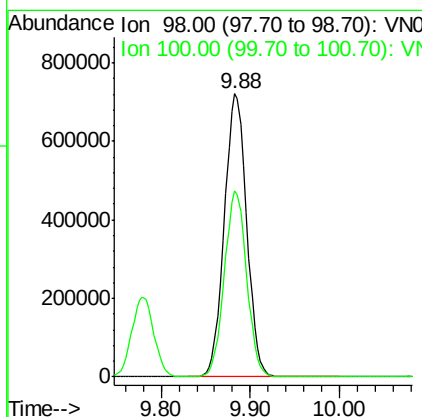
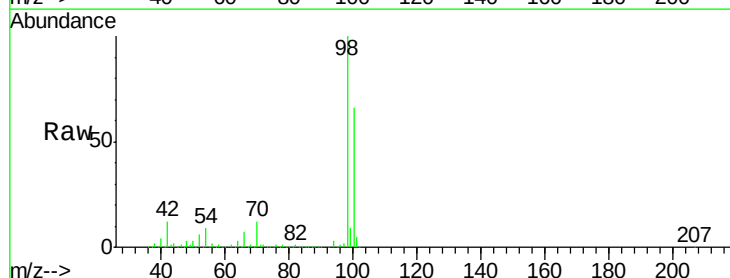
Manual Integrations
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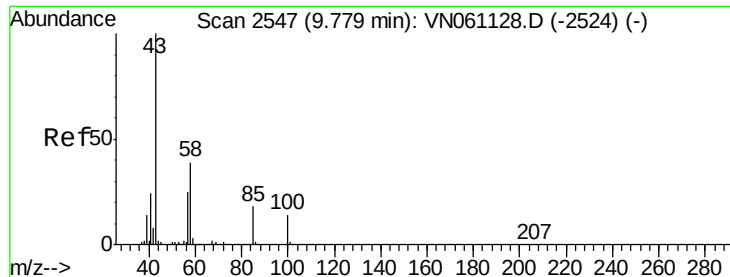
MMDadoda
4/24/2020 1:35:03 PM



#50
Toluene-d8
Concen: 166.069 ug/l
RT: 9.88 min Scan# 2579
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion	98	Resp	1251783
Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.8	77.6





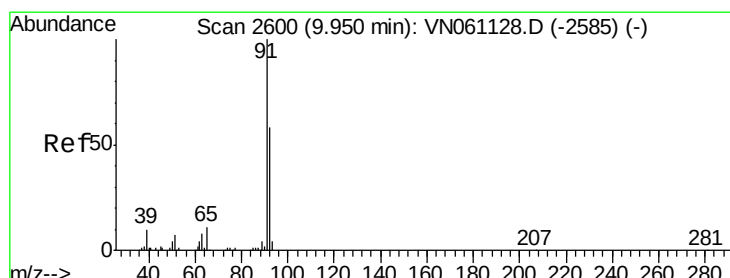
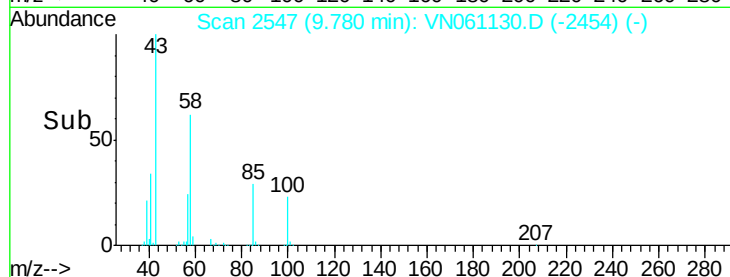
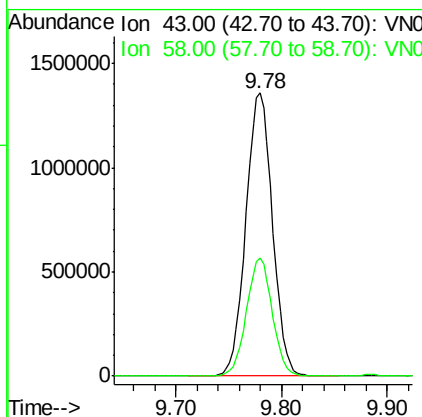
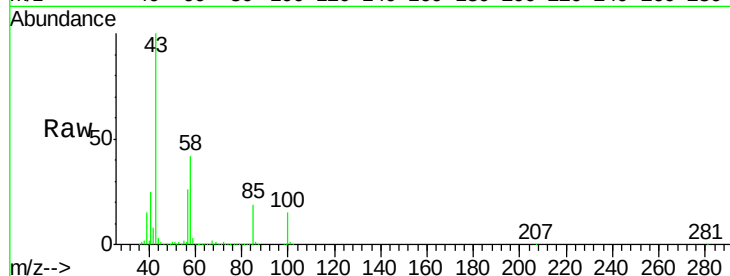
#51
4-Methyl-2-Pentanone
Concen: 689.462 ug/l
RT: 9.78 min Scan# 2547
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2380621
Ion Ratio Lower Upper
43 100
58 40.5 31.0 46.6

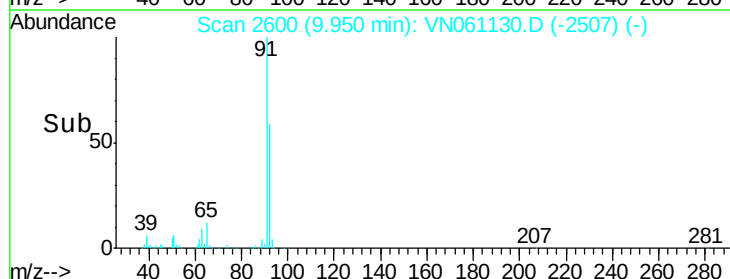
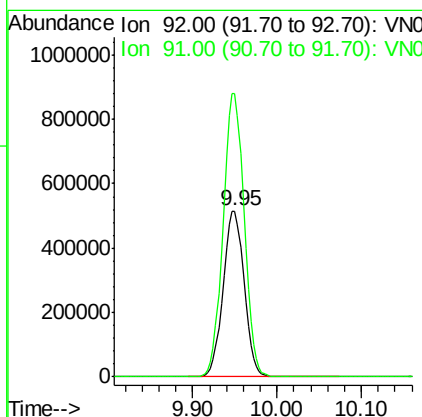
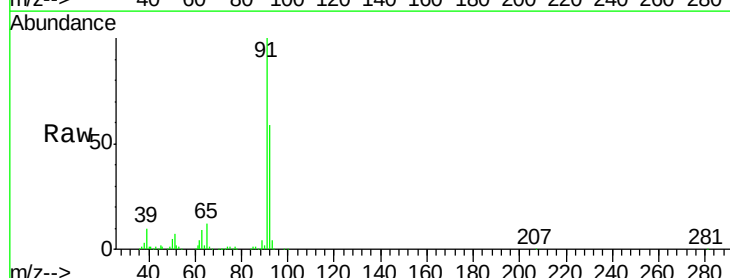
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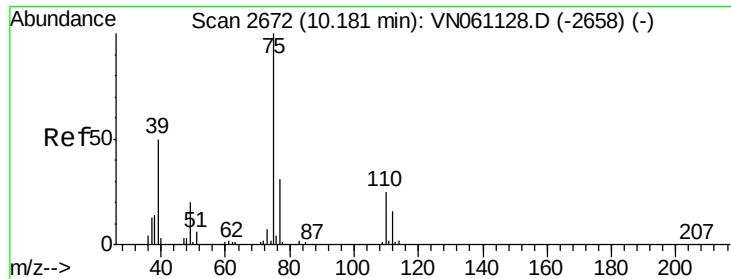
MMDadoda
4/24/2020 1:35:03 PM



#52
Toluene
Concen: 146.234 ug/l
RT: 9.95 min Scan# 2600
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion: 92 Resp: 890327
Ion Ratio Lower Upper
92 100
91 171.4 138.3 207.5





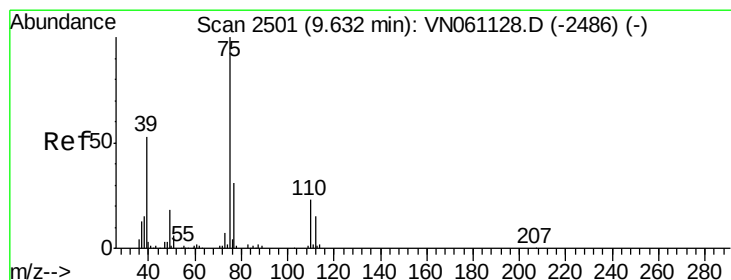
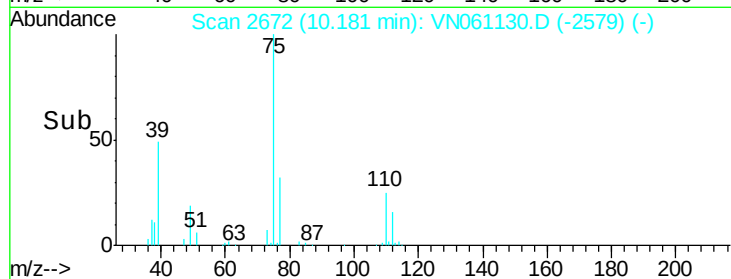
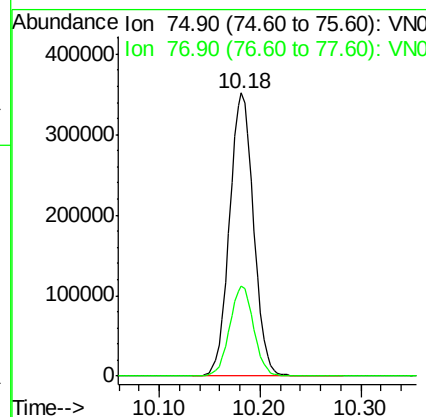
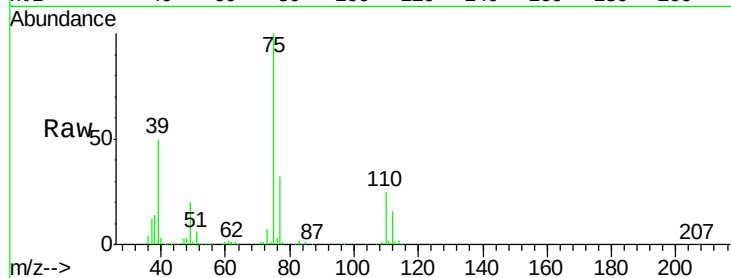
#53
t-1,3-Dichloropropene
Concen: 151.434 ug/l
RT: 10.18 min Scan# 2672
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.1	37.7

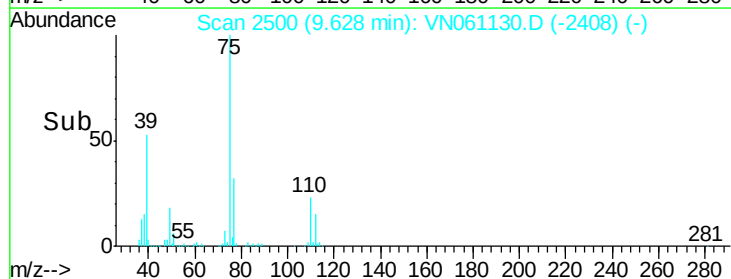
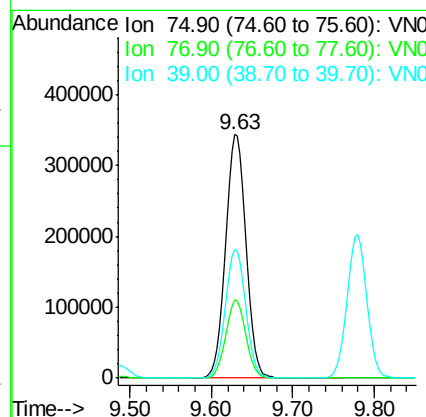
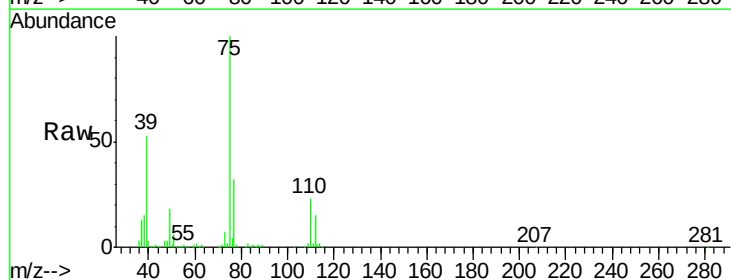
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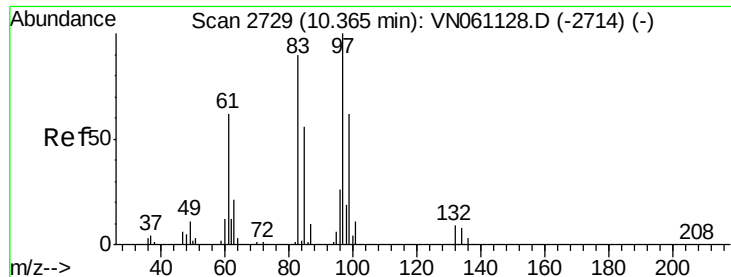
MMDadoda
4/24/2020 1:35:03 PM



#54
cis-1,3-Dichloropropene
Concen: 145.144 ug/l
RT: 9.63 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.0	25.2	37.8
39	52.9	42.1	63.1





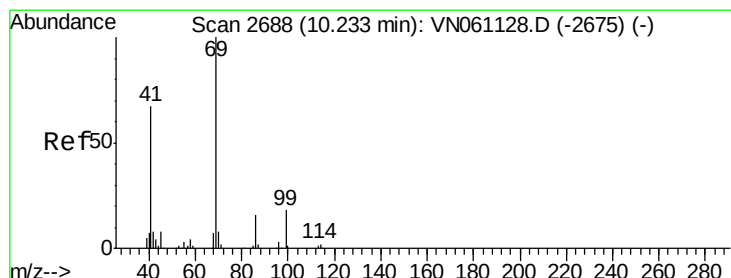
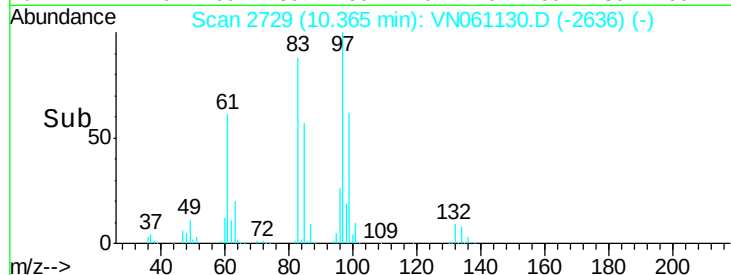
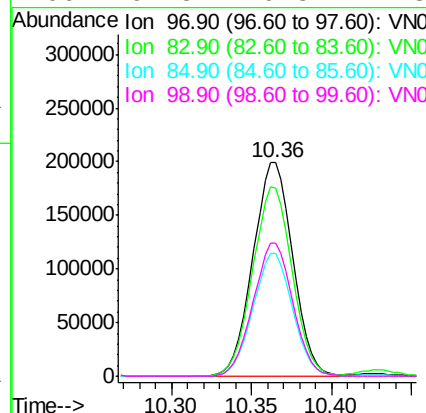
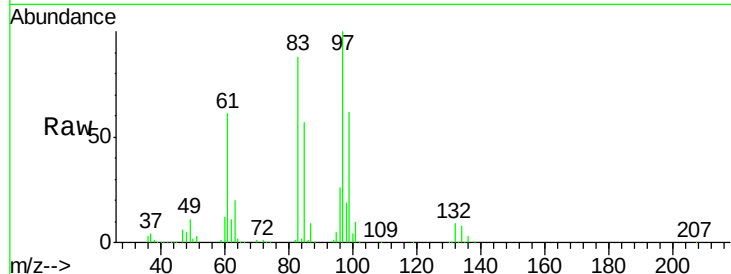
#55
 1,1,2-Trichloroethane
 Concen: 147.417 ug/l
 RT: 10.36 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	340358
Ion	Ratio	Lower	Upper
97	100		
83	88.1	71.8	107.6
85	57.4	45.0	67.6
99	62.3	49.8	74.8

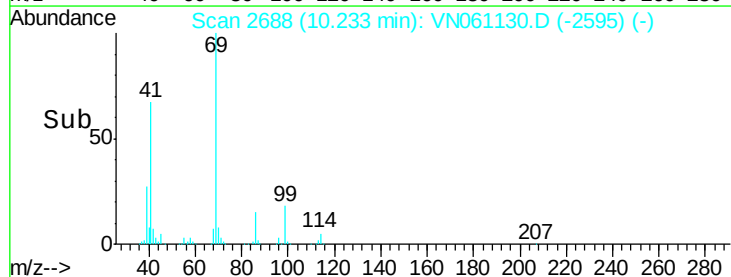
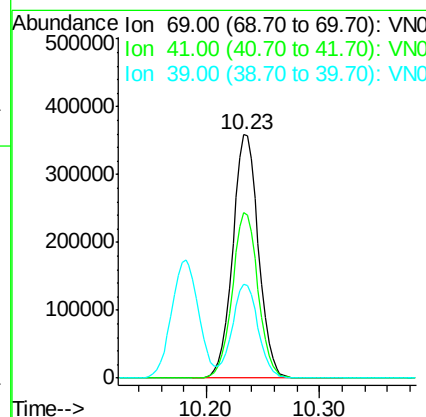
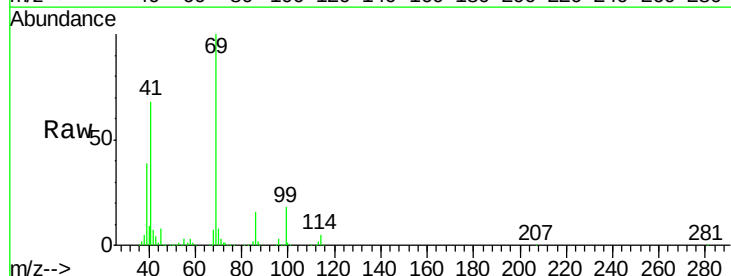
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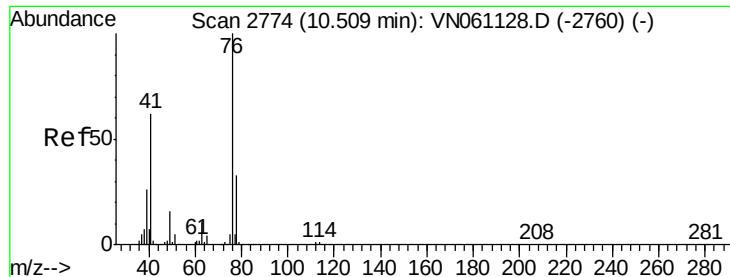
MMDadoda
 4/24/2020 1:35:03 PM



#56
 Ethyl methacrylate
 Concen: 157.252 ug/l
 RT: 10.23 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion:	69	Resp:	567669
Ion	Ratio	Lower	Upper
69	100		
41	67.5	54.0	81.0
39	38.4	31.4	47.0





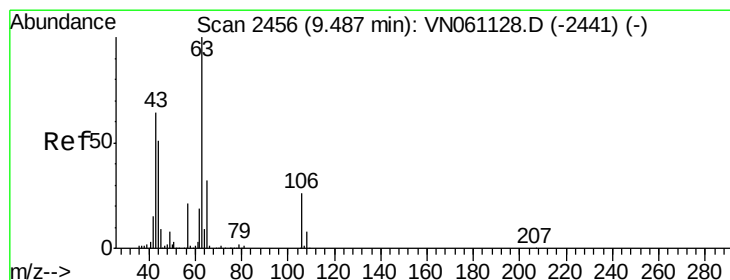
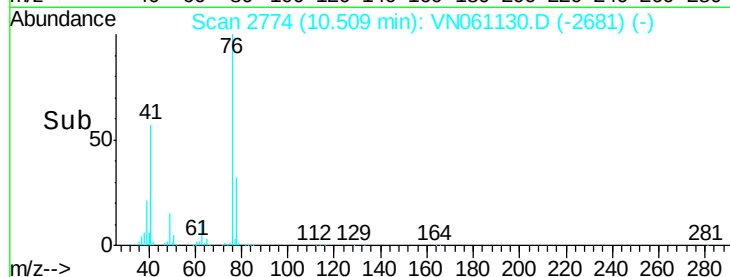
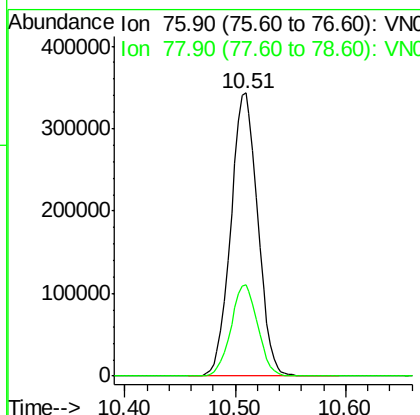
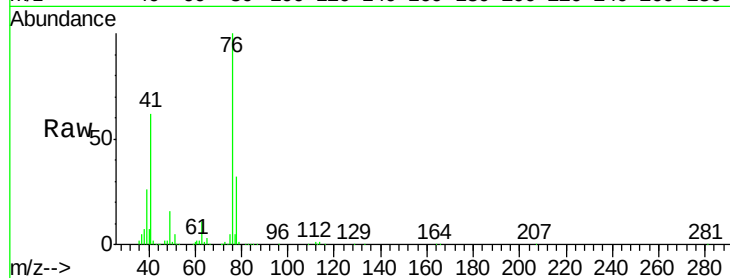
#57
 1,3-Dichloropropane
 Concen: 141.942 ug/l
 RT: 10.51 min Scan# 2774
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	26.1	39.1

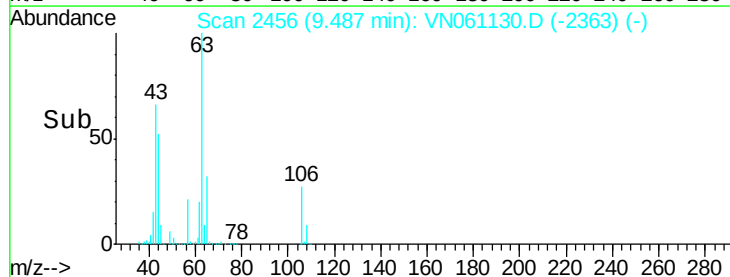
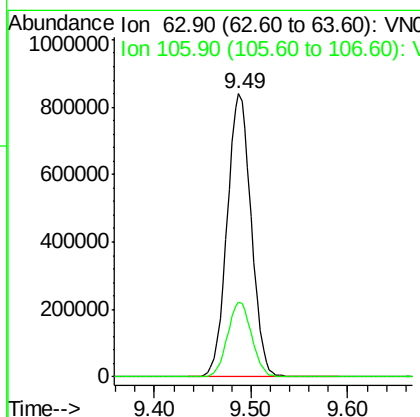
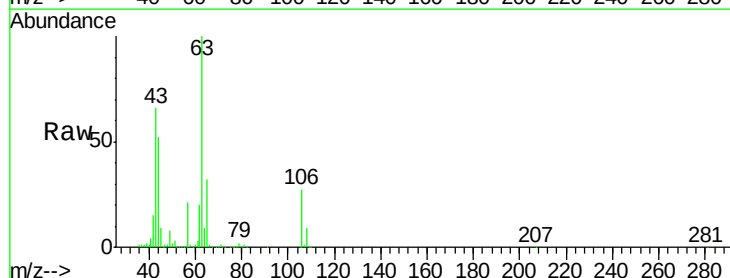
Manual Integrations
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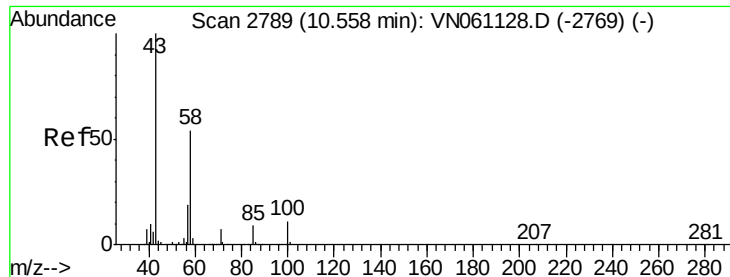
MMDadoda
 4/24/2020 1:35:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 844.024 ug/l
 RT: 9.49 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
63	100		
106	26.5	21.3	31.9





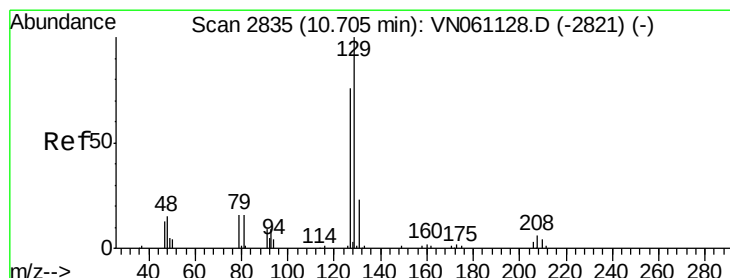
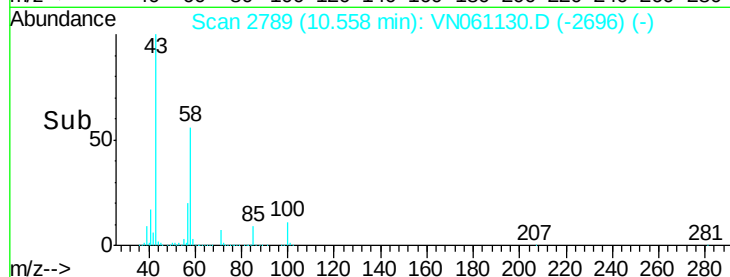
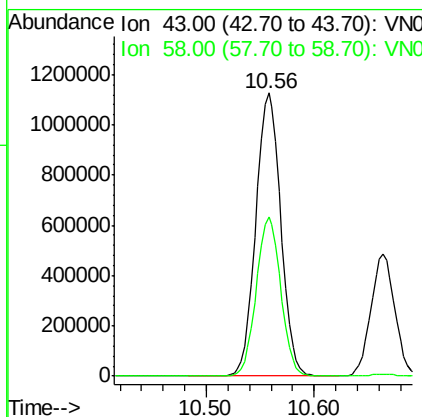
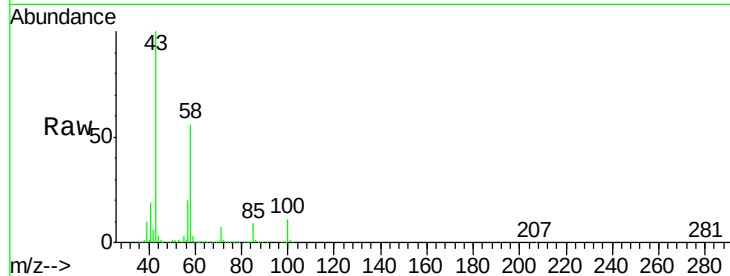
#59
2-Hexanone
Concen: 721.755 ug/l
RT: 10.56 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1802173
Ion Ratio Lower Upper
43 100
58 55.2 26.9 80.6

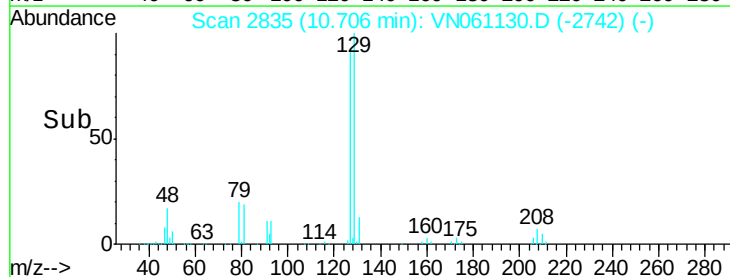
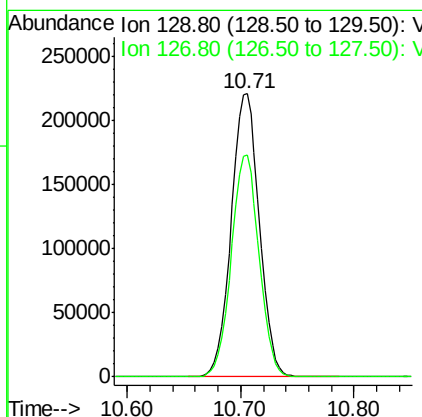
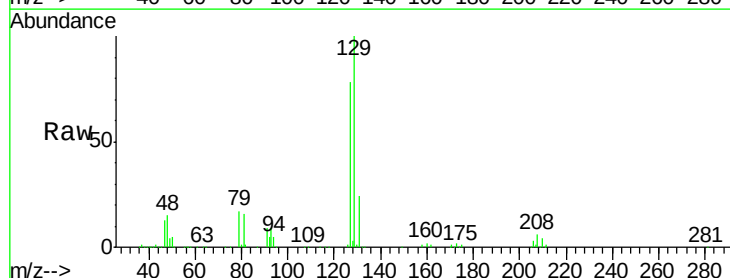
Manual Integrations
APPROVED

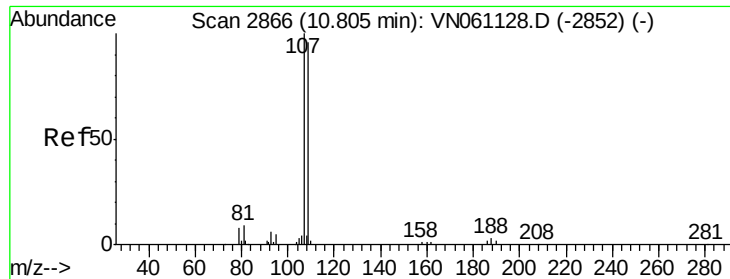
MMDadoda
4/24/2020 1:35:03 PM



#60
Dibromochloromethane
Concen: 160.270 ug/l
RT: 10.71 min Scan# 2835
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion: 129 Resp: 381791
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





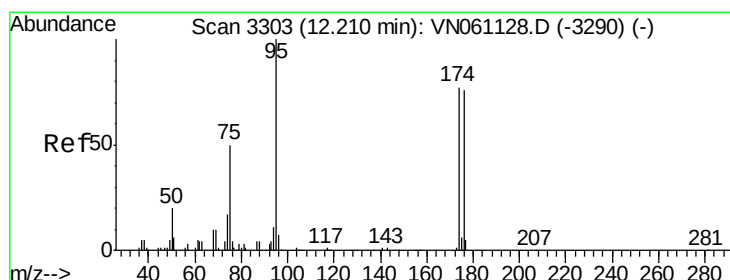
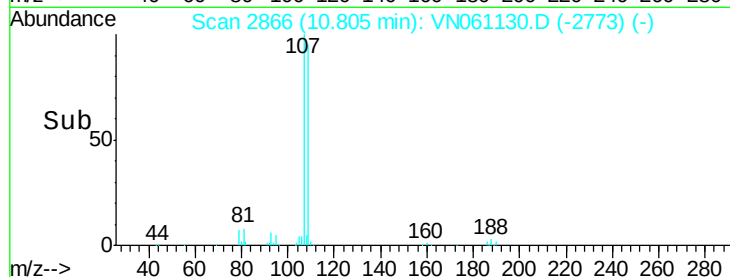
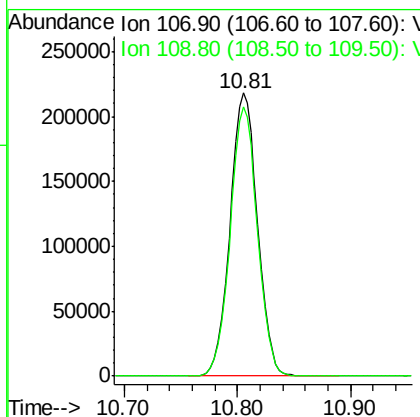
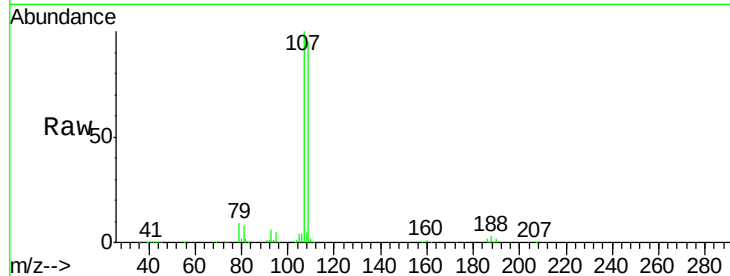
#61
 1,2-Dibromoethane
 Concen: 154.712 ug/l
 RT: 10.81 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
107	100	366092		
109	94.7	76.0	114.0	

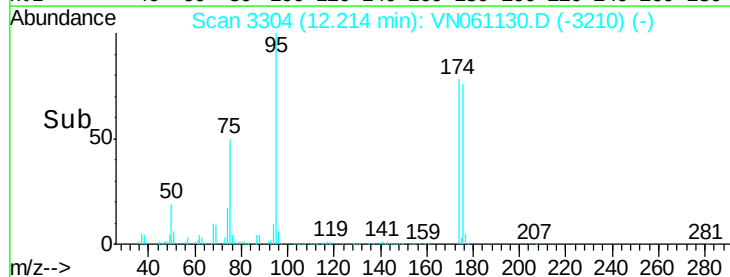
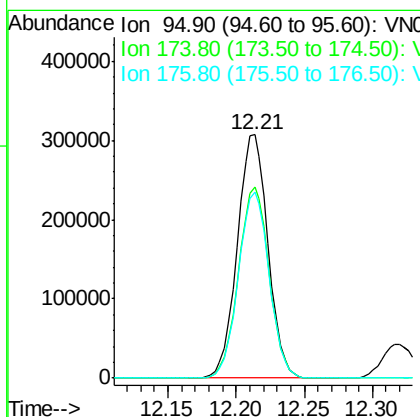
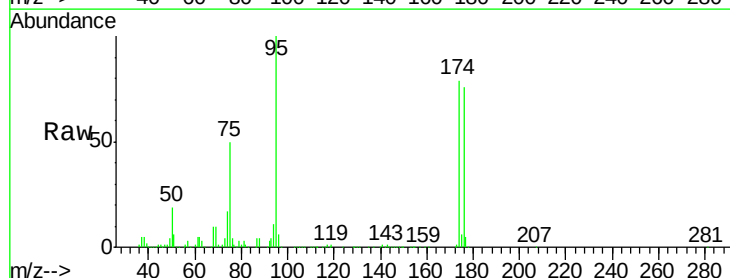
Manual Integrations
 APPROVED

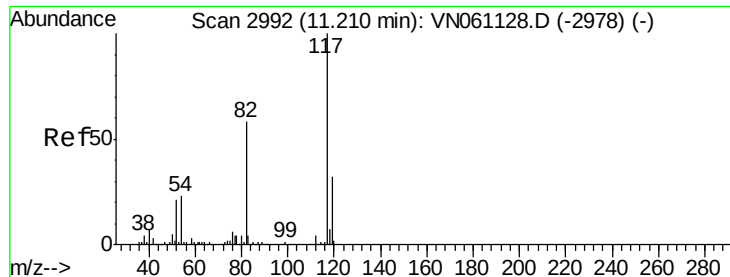
MMDadoda
 4/24/2020 1:35:03 PM



#62
 4-Bromofluorobenzene
 Concen: 163.760 ug/l
 RT: 12.21 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	478555		
174	78.6	0.0	157.6	
176	76.9	0.0	154.4	





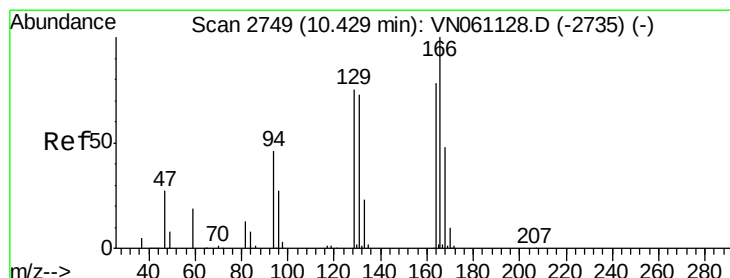
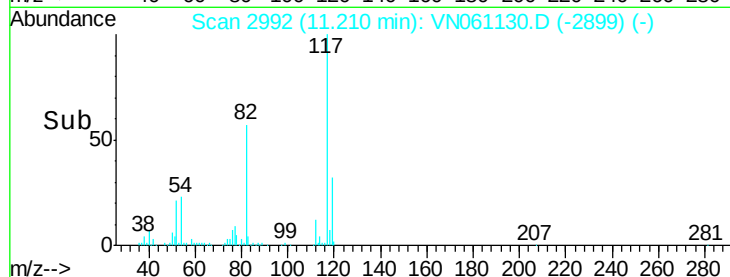
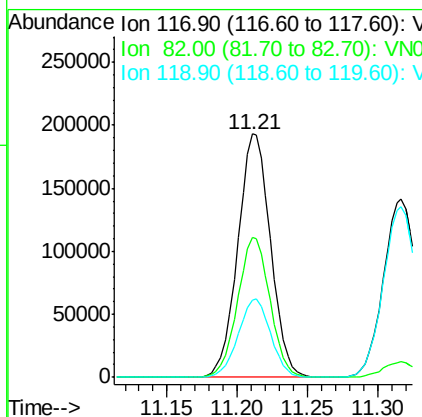
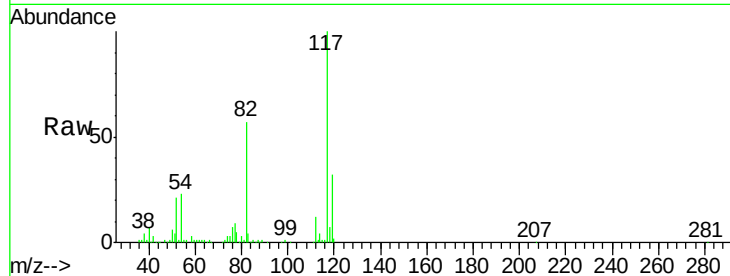
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.21 min Scan# 2992
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.4	46.0	69.0
119	31.8	25.9	38.9

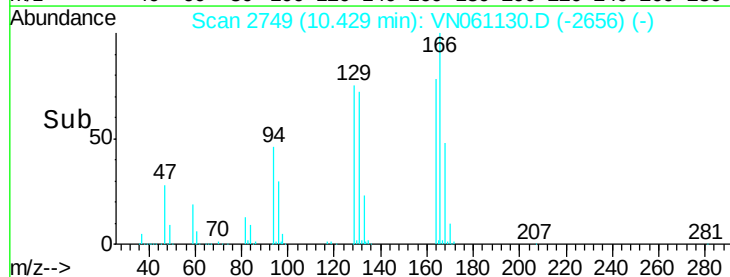
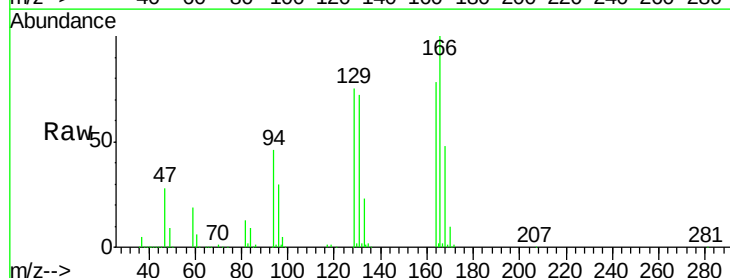
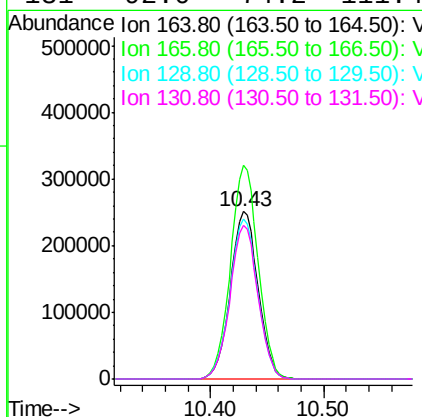
Manual Integrations
APPROVED

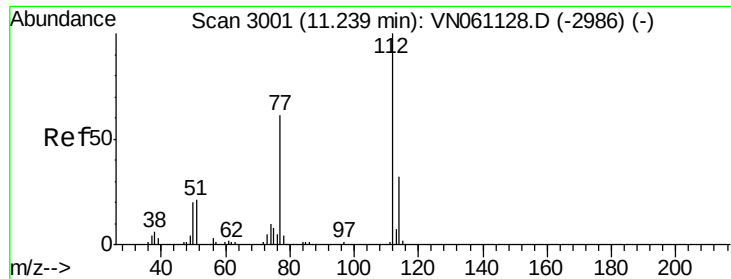
MMDadoda
4/24/2020 1:35:03 PM



#64
Tetrachloroethene
Concen: 168.035 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.7	101.9	152.9
129	95.5	76.5	114.7
131	92.0	74.2	111.4





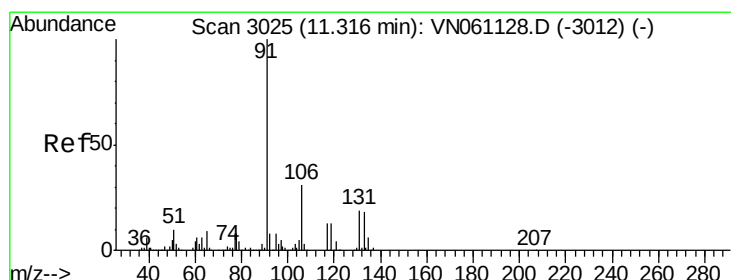
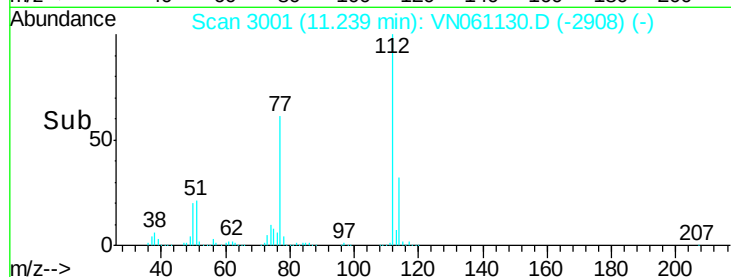
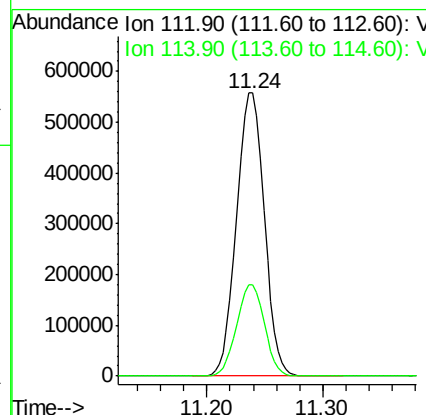
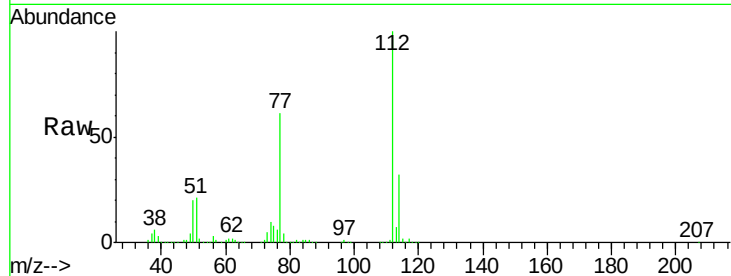
#65
Chlorobenzene
Concen: 141.821 ug/l
RT: 11.24 min Scan# 3001
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 922002
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5

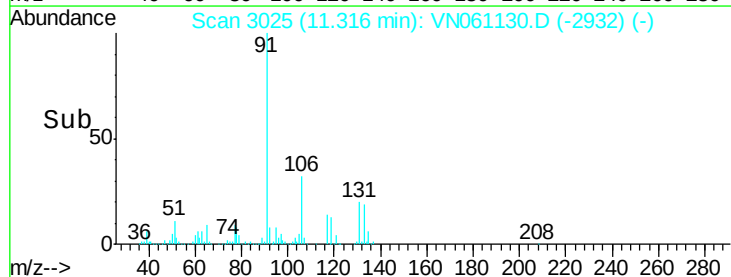
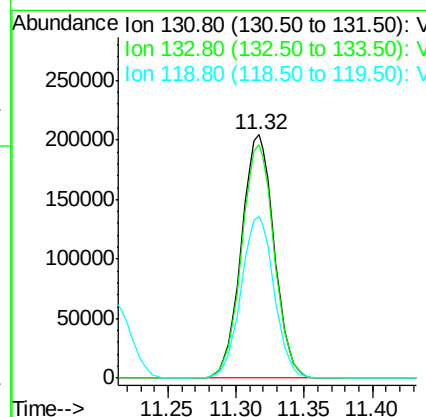
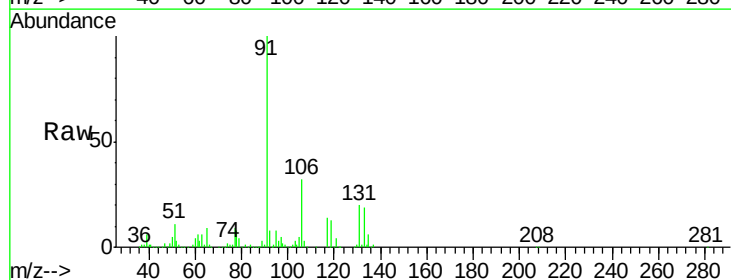
Manual Integrations
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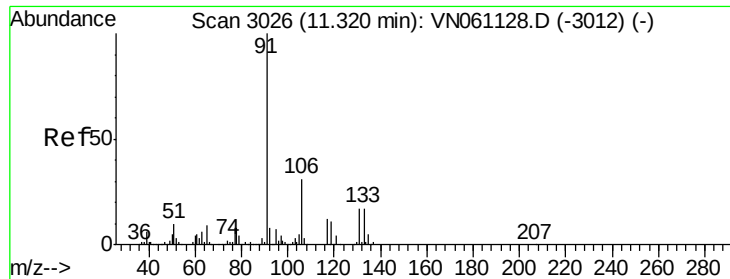
MMDadoda
4/24/2020 1:35:03 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 145.852 ug/l
RT: 11.32 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion:131 Resp: 339799
Ion Ratio Lower Upper
131 100
133 95.7 48.2 144.6
119 66.8 33.1 99.5





#67

Ethyl Benzene

Concen: 140.596 ug/l

RT: 11.32 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1715625

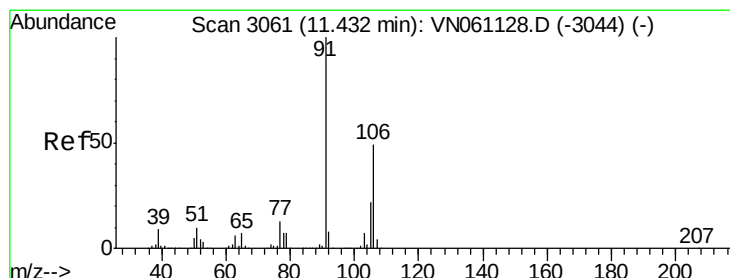
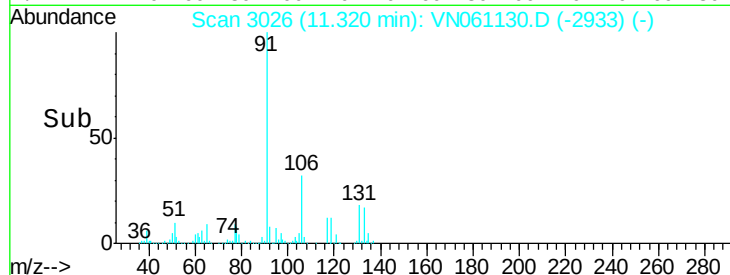
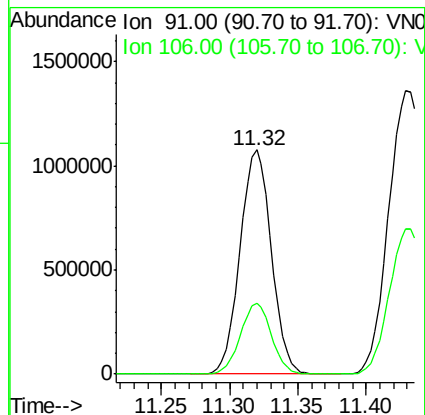
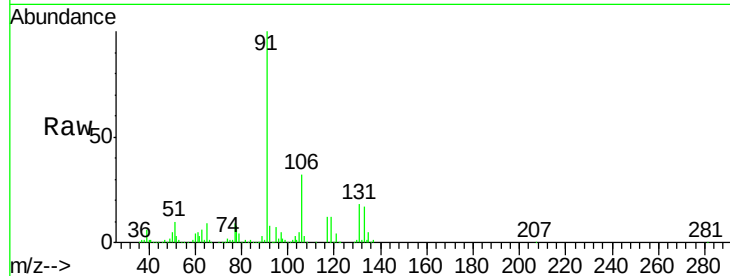
Ion Ratio Lower Upper

91 100

106 31.7 24.7 37.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 293.864 ug/l

RT: 11.43 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN061130.D

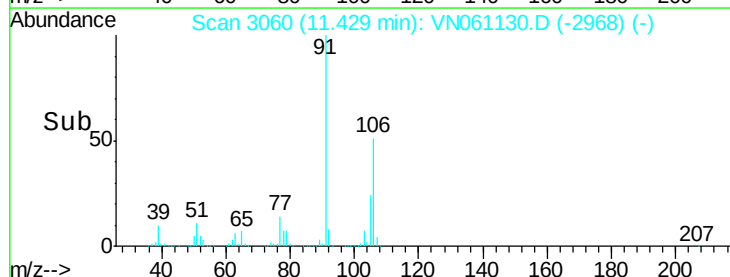
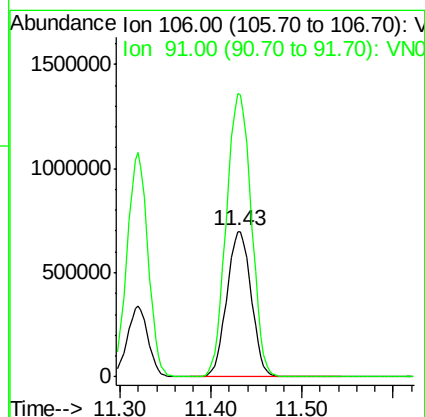
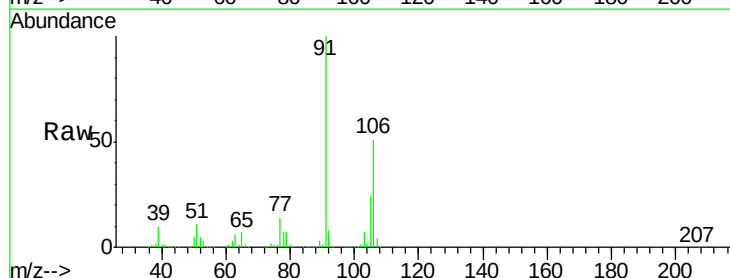
Acq: 22 Apr 2020 15:07

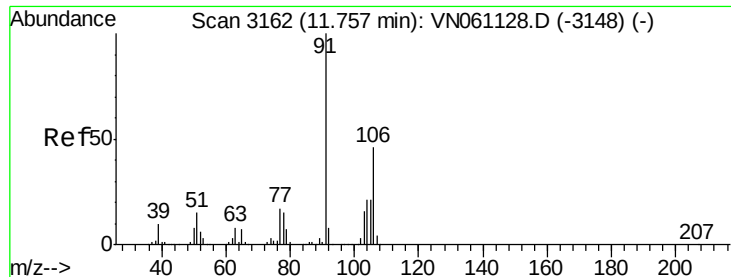
Tgt Ion: 106 Resp: 1303944

Ion Ratio Lower Upper

106 100

91 198.9 163.9 245.9





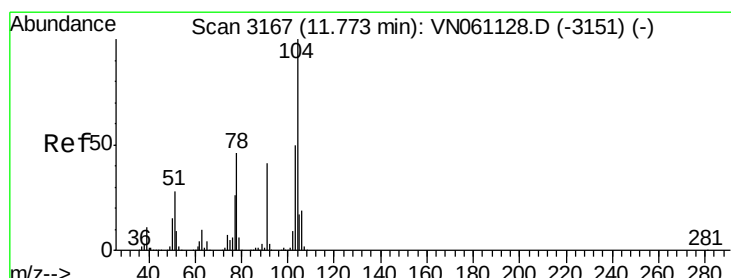
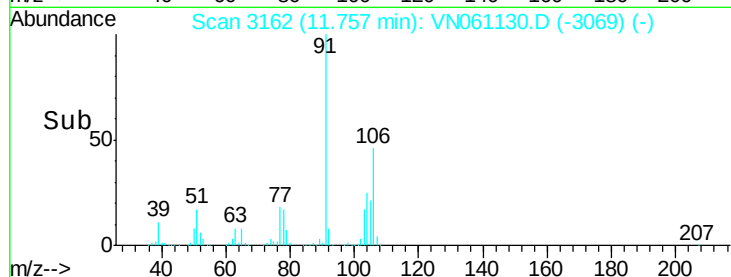
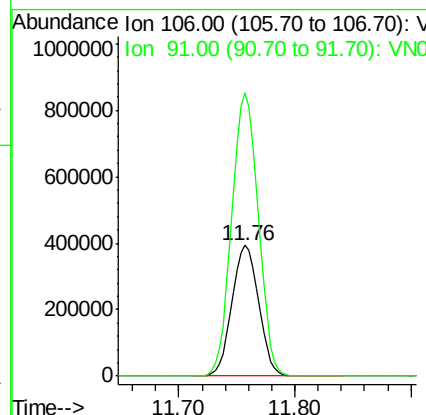
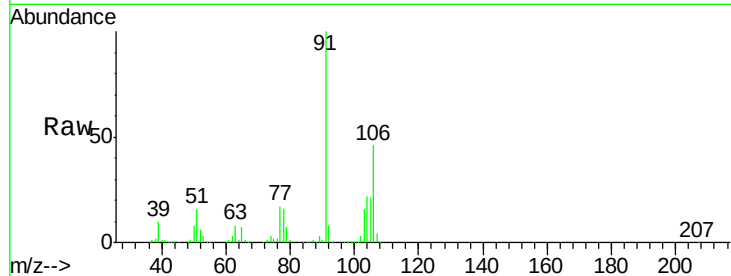
#69
o-Xylene
Concen: 146.197 ug/l
RT: 11.76 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	215.4	107.6	322.8	

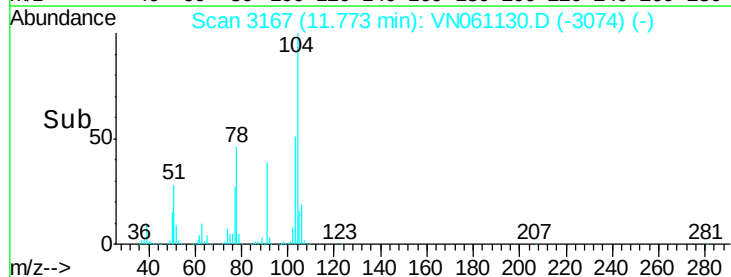
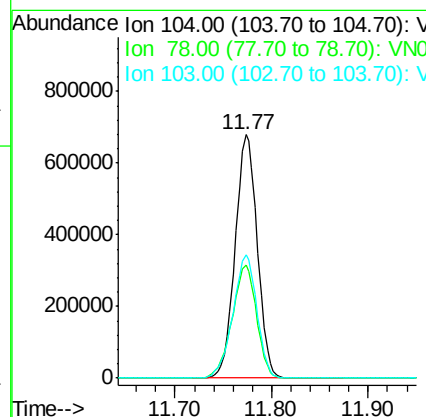
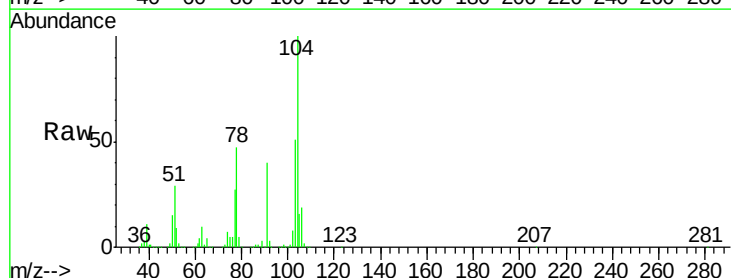
Manual Integrations
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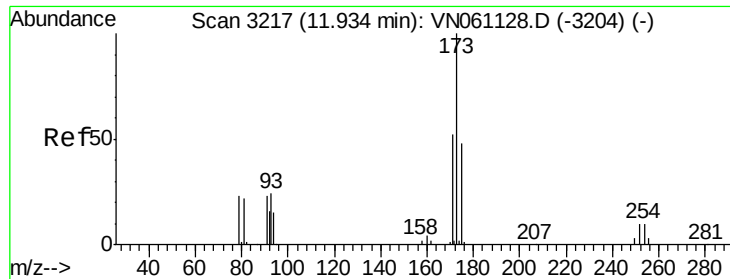
MMDadoda
4/24/2020 1:35:03 PM



#70
Styrene
Concen: 157.250 ug/l
RT: 11.77 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	51.2	40.6	61.0	
103	54.9	43.7	65.5	





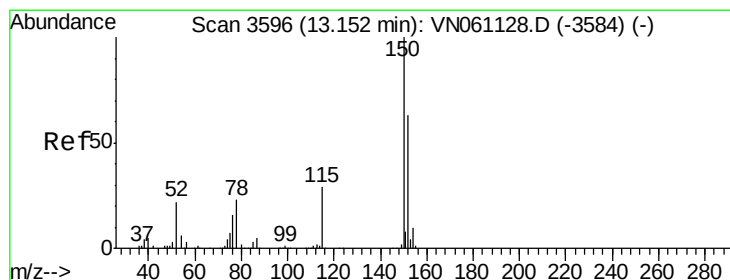
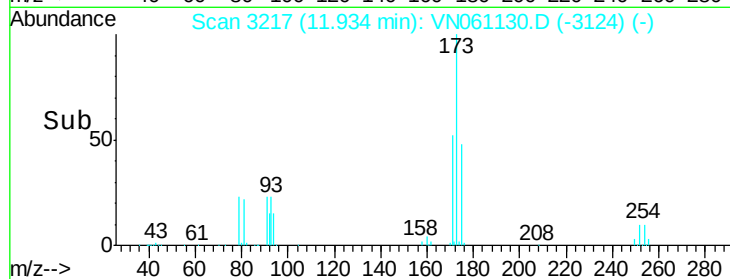
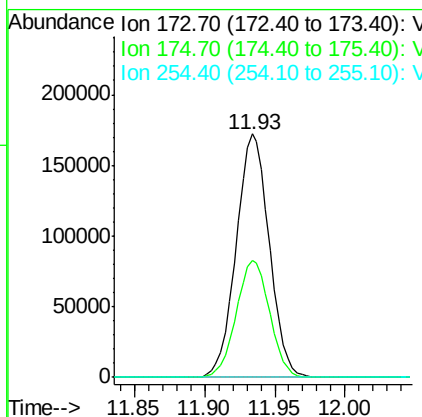
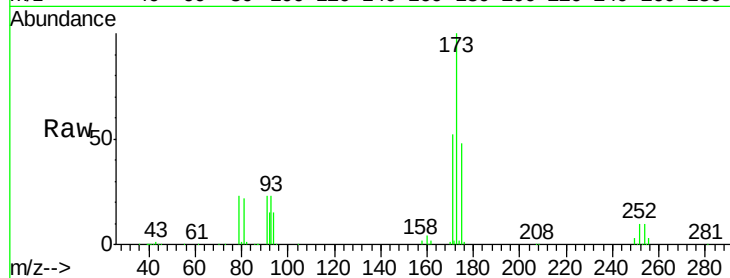
#71
Bromoform
Concen: 162.092 ug/l
RT: 11.93 min Scan# 3217
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.9	71.8
254	0.1	0.0	0.0

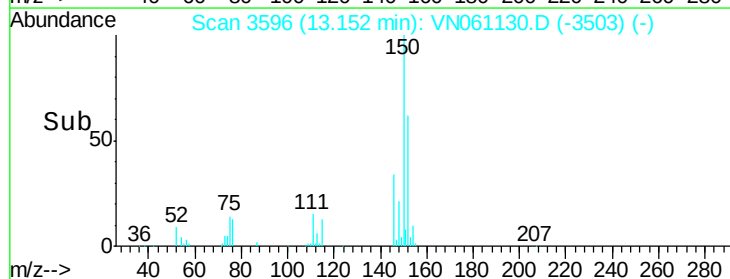
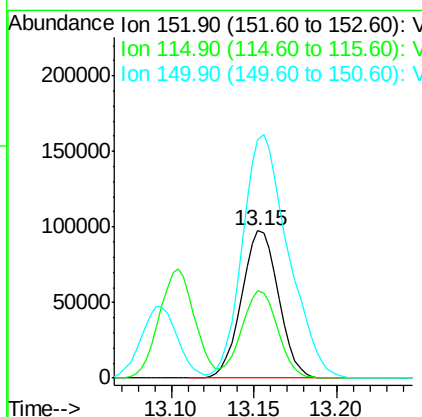
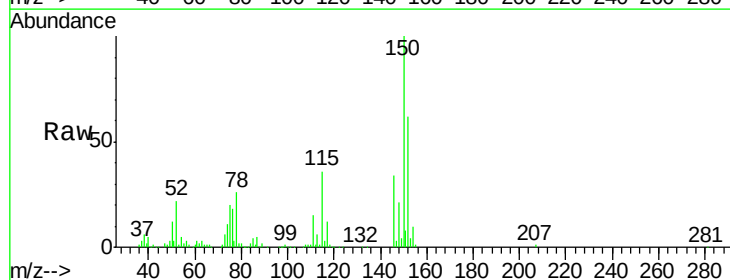
Manual Integrations
APPROVED

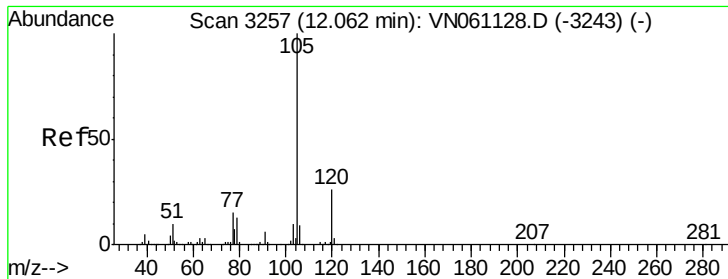
MMDadoda
4/24/2020 1:35:03 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.15 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.0	29.8	89.5
150	204.3	0.0	348.6





#73

Isopropylbenzene

Concen: 137.361 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1661117

Ion Ratio Lower Upper

105 100

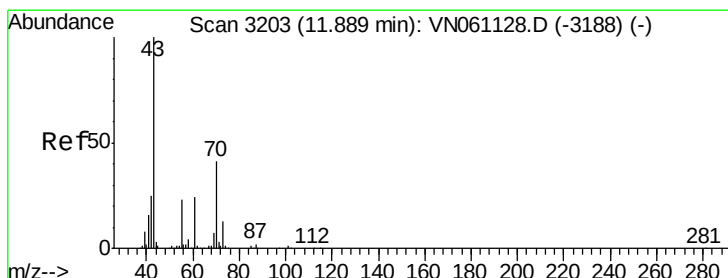
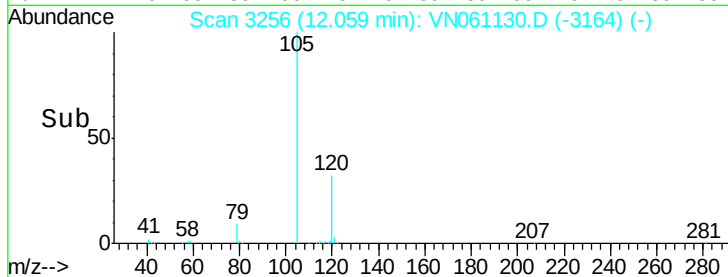
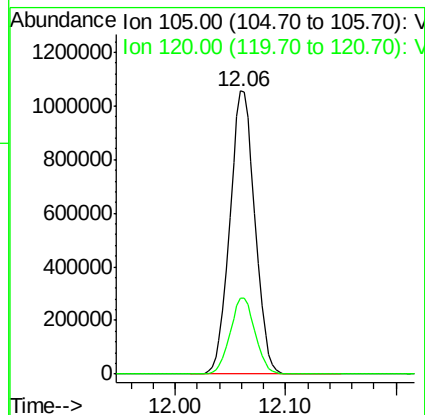
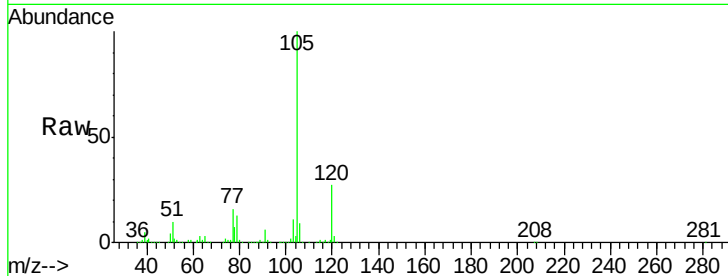
120 26.7 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 139.505 ug/l

RT: 11.89 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Tgt Ion: 43 Resp: 779038

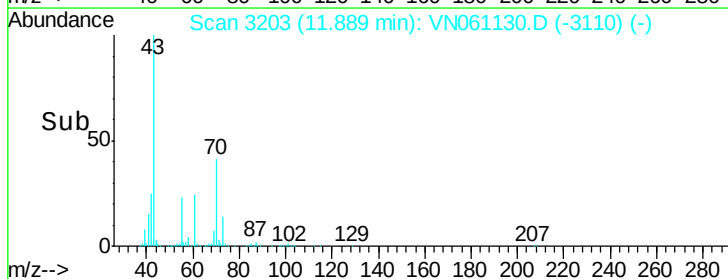
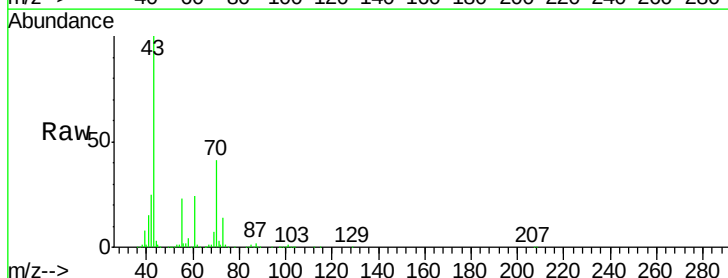
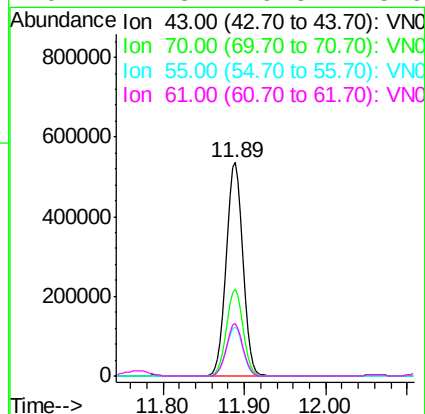
Ion Ratio Lower Upper

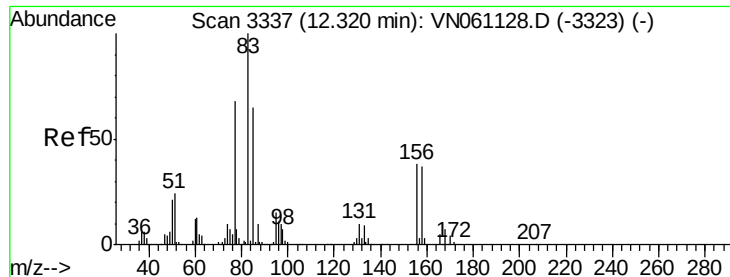
43 100

70 40.5 32.5 48.7

55 23.0 19.0 28.6

61 24.3 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 123.847 ug/l

RT: 12.32 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

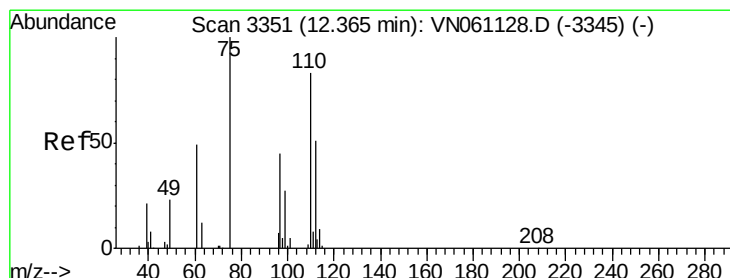
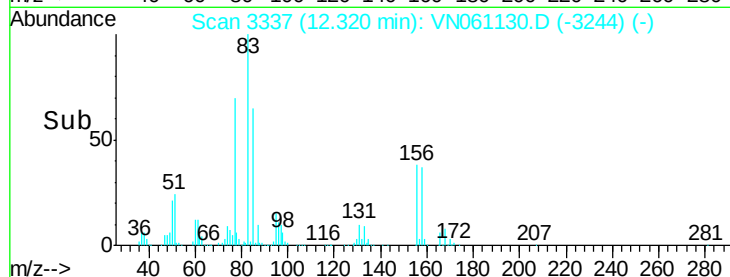
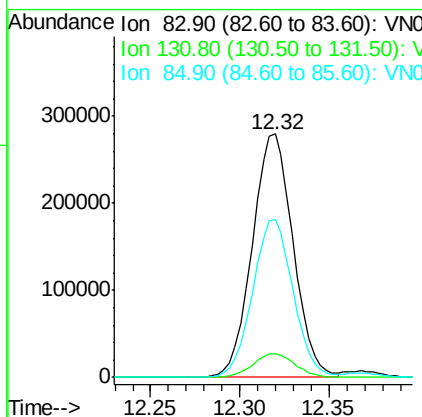
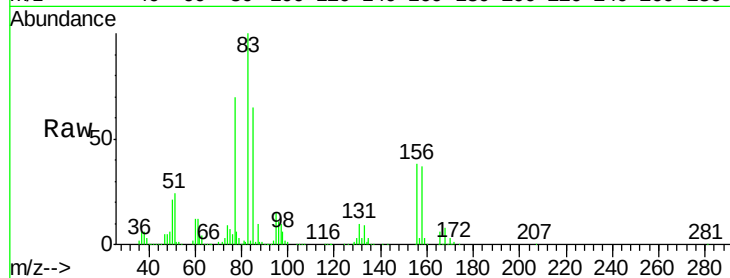
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	447619
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.2
85	64.3	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 150.455 ug/l m

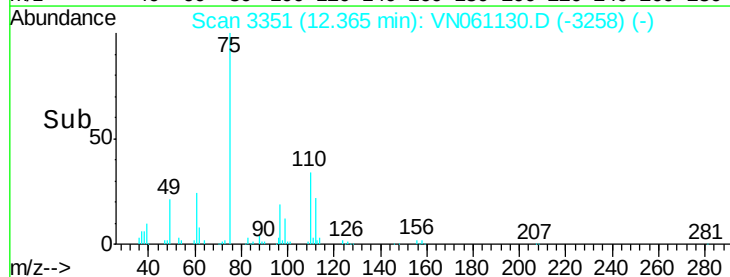
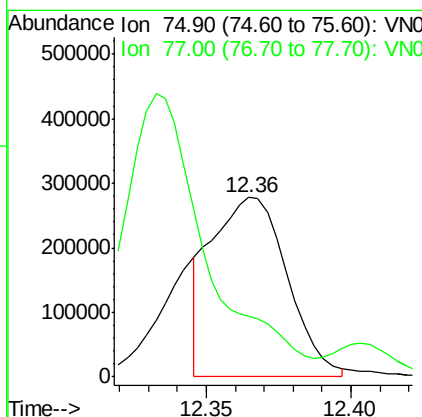
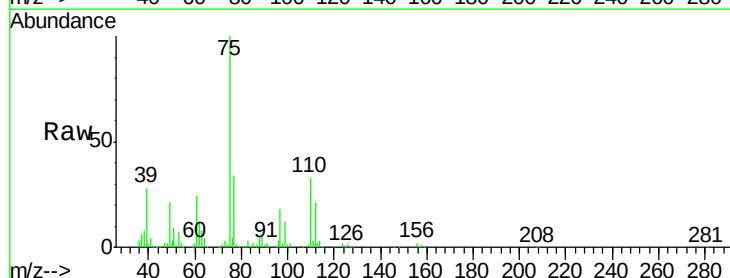
RT: 12.36 min Scan# 3351

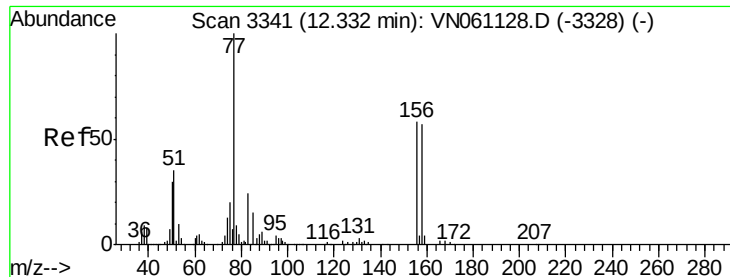
Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Tgt Ion:	75	Resp:	509584
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 144.106 ug/l

RT: 12.33 min Scan# 3341

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 410172

Ion Ratio Lower Upper

156 100

77 212.9 105.7 317.1

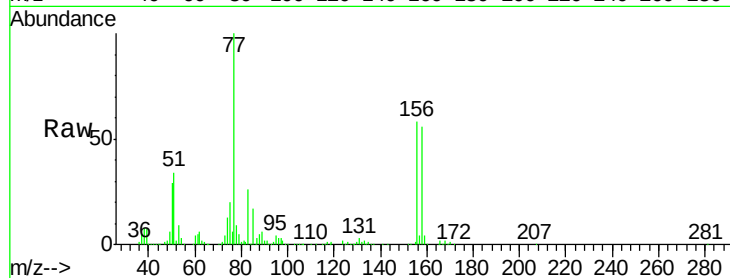
158 96.9 48.3 144.9

Manual Integrations

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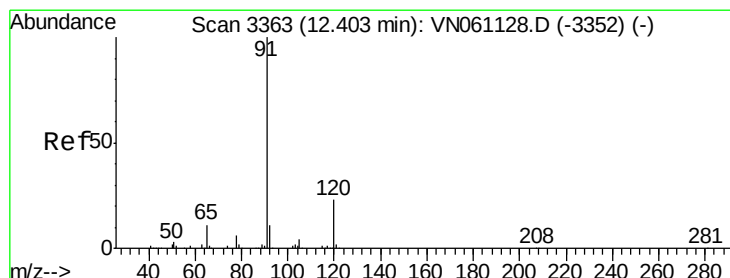
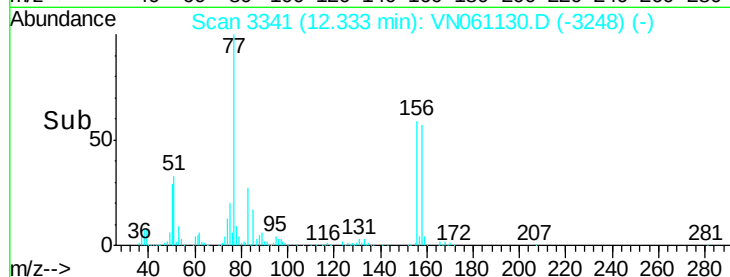
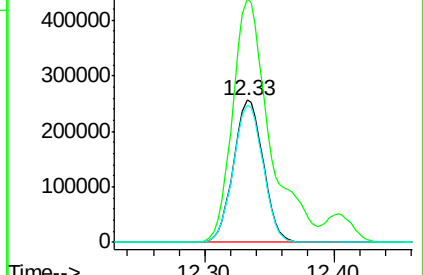
4/24/2020 1:35:03 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 138.180 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN061130.D

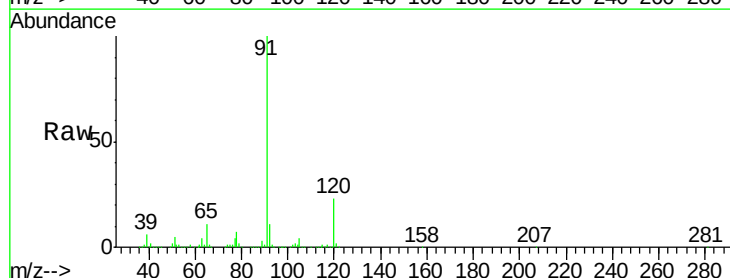
Acq: 22 Apr 2020 15:07

Tgt Ion: 91 Resp: 1948741

Ion Ratio Lower Upper

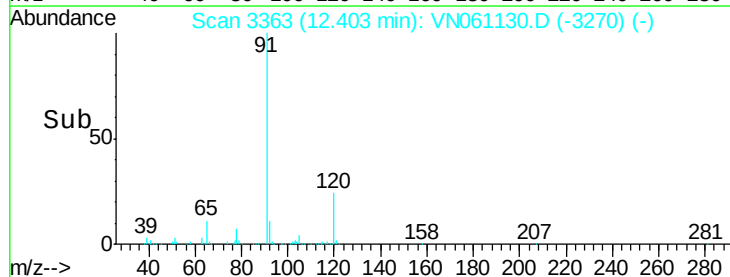
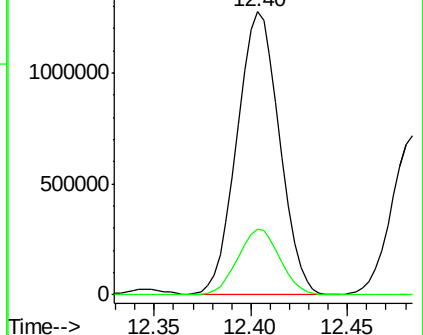
91 100

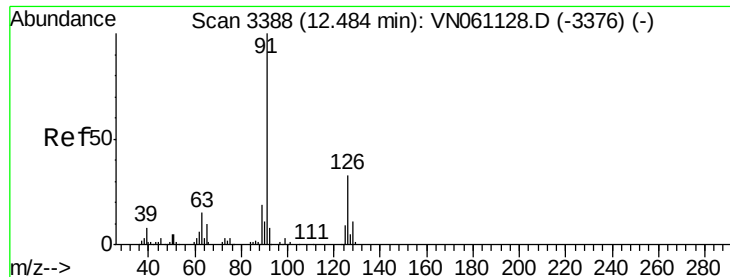
120 23.1 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 137.851 ug/l

RT: 12.48 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1139941

Ion Ratio Lower Upper

91 100

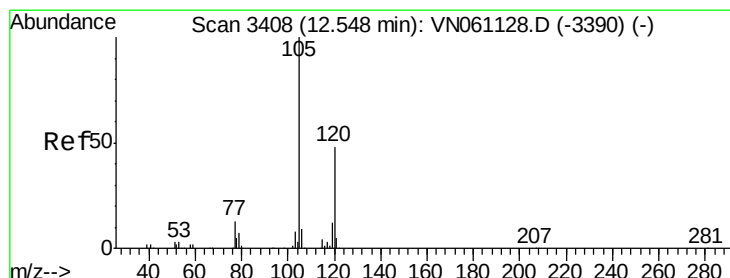
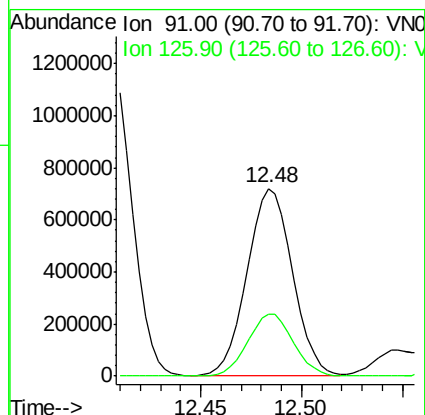
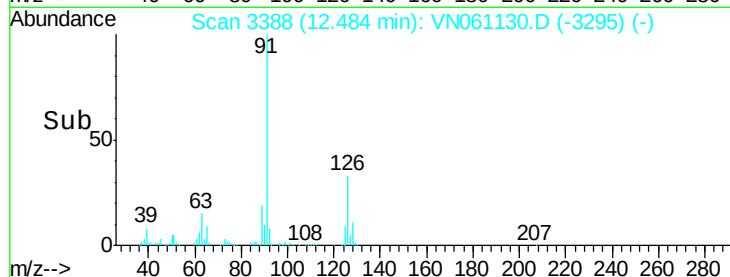
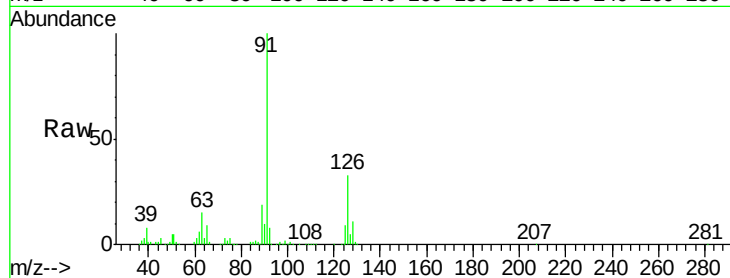
126 33.2 16.7 50.1

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 139.897 ug/l

RT: 12.55 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN061130.D

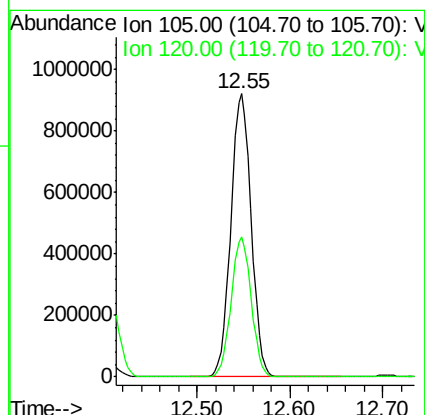
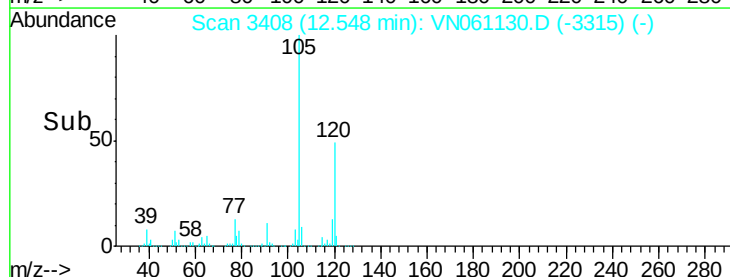
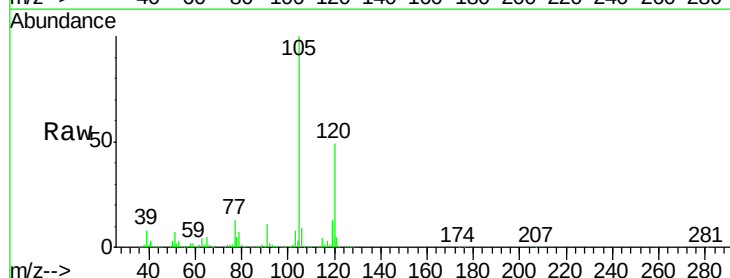
Acq: 22 Apr 2020 15:07

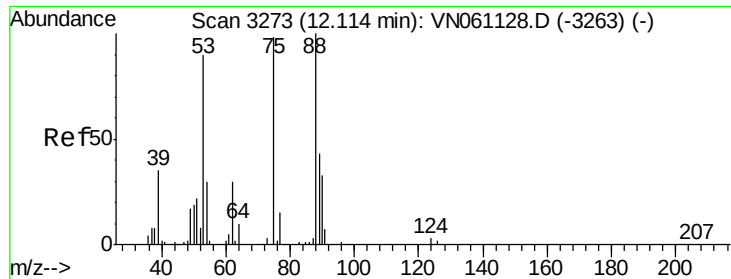
Tgt Ion: 105 Resp: 1397504

Ion Ratio Lower Upper

105 100

120 48.9 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 149.222 ug/l

RT: 12.11 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

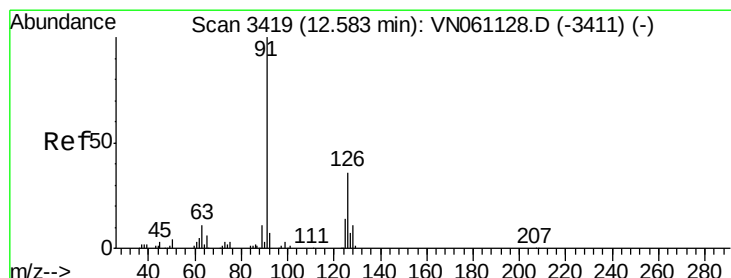
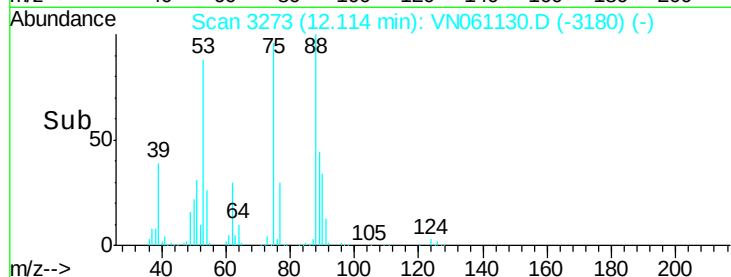
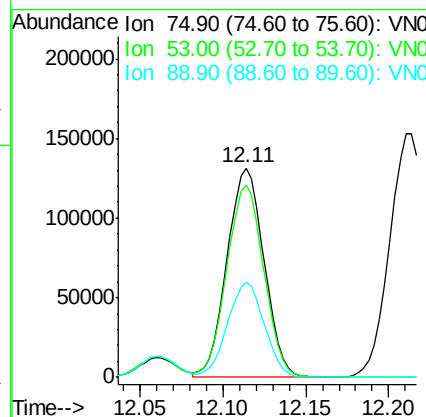
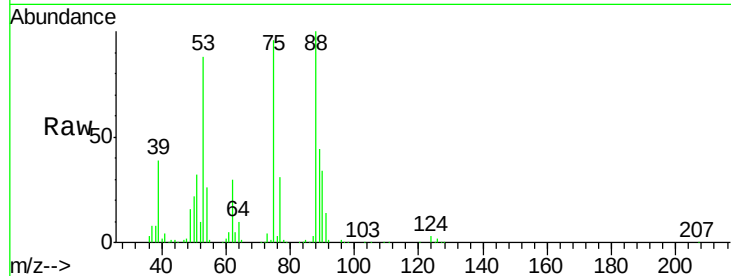
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.1	74.3	111.5
89	45.4	36.6	55.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 142.090 ug/l

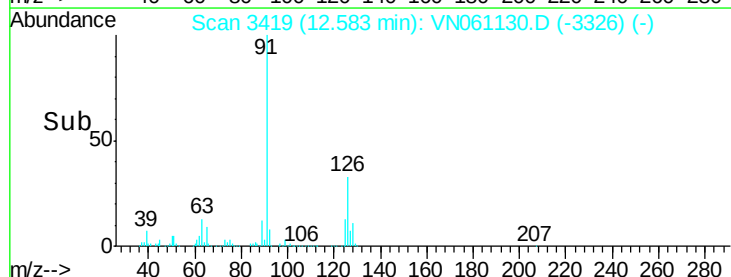
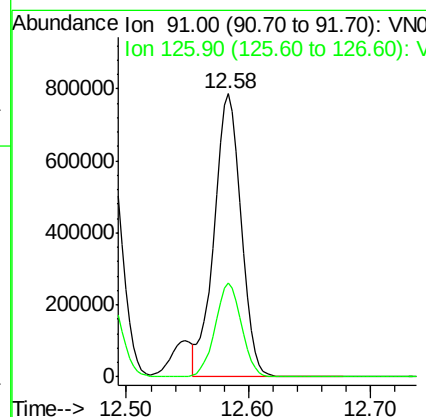
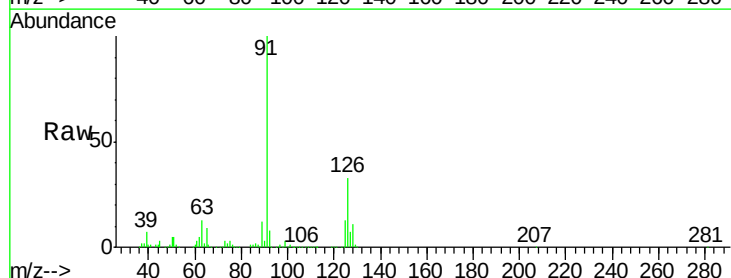
RT: 12.58 min Scan# 3419

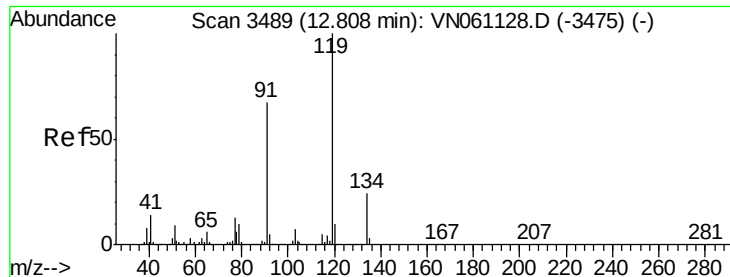
Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.4	16.4	49.2





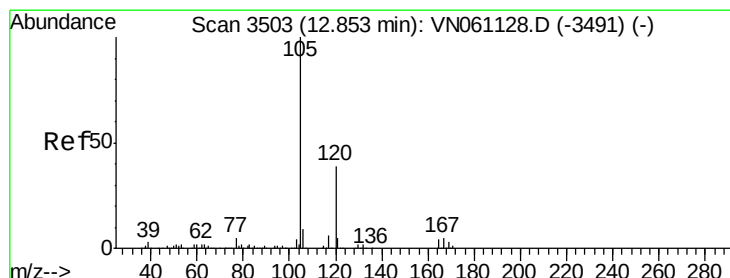
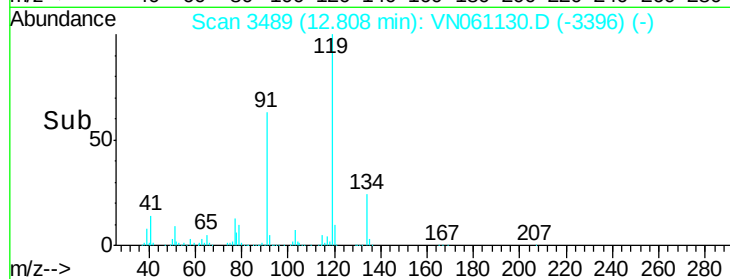
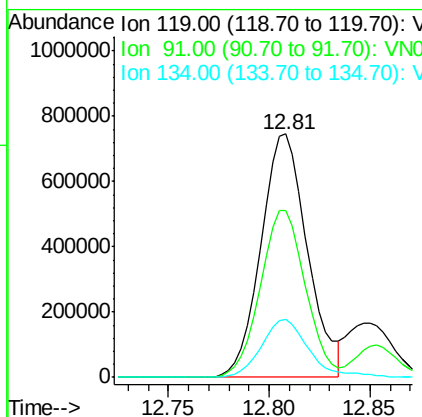
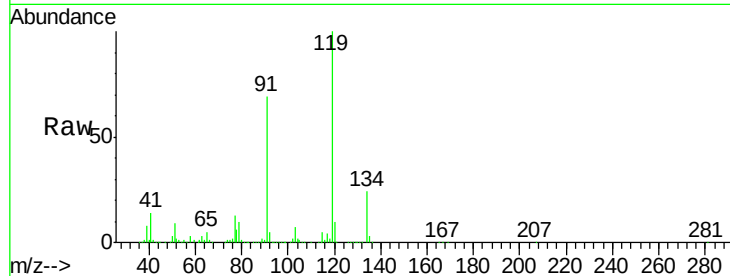
#83
 tert-Butylbenzene
 Concen: 141.945 ug/l
 RT: 12.81 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	32.8	98.4
134	24.2	12.2	36.4

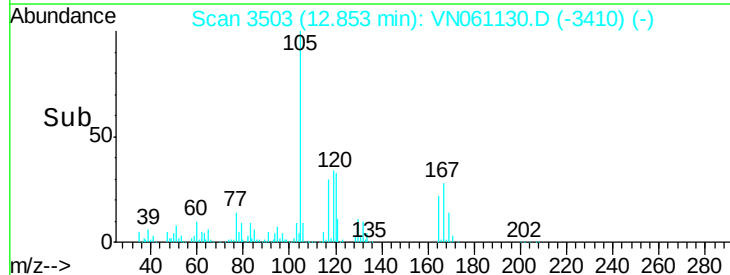
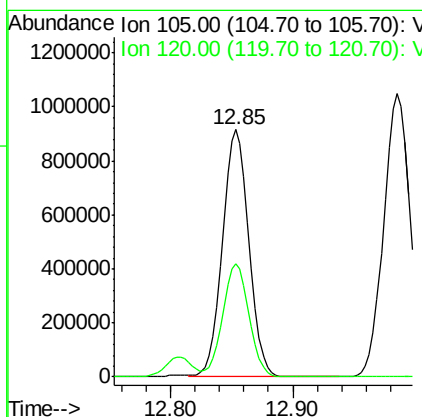
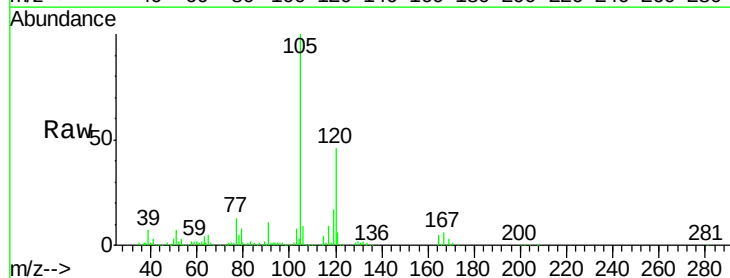
Manual Integrations
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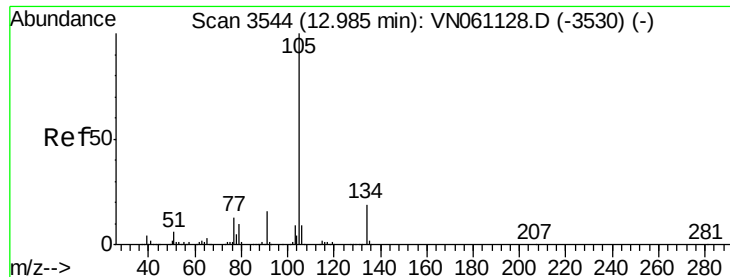
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#84
 1,2,4-Trimethylbenzene
 Concen: 140.508 ug/l
 RT: 12.85 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	22.4	67.0





#85

sec-Butylbenzene

Concen: 139.792 ug/l

RT: 12.99 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1591006

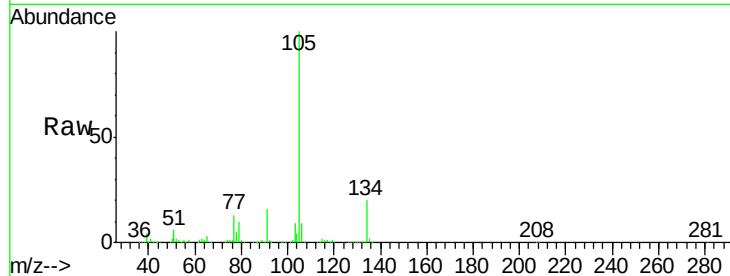
Ion Ratio Lower Upper

105 100

134 19.8 9.7 28.9

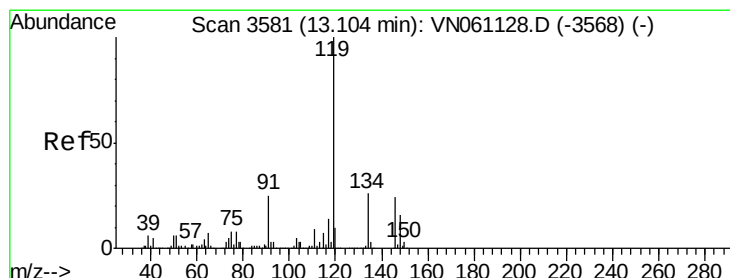
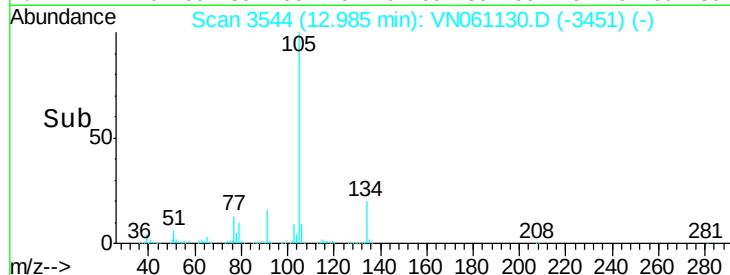
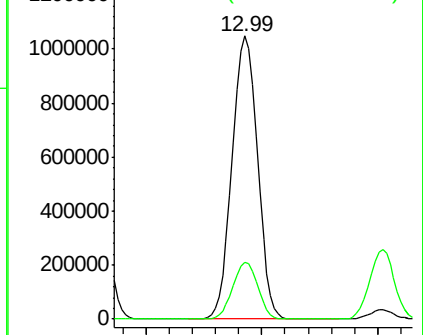
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 142.025 ug/l

RT: 13.10 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

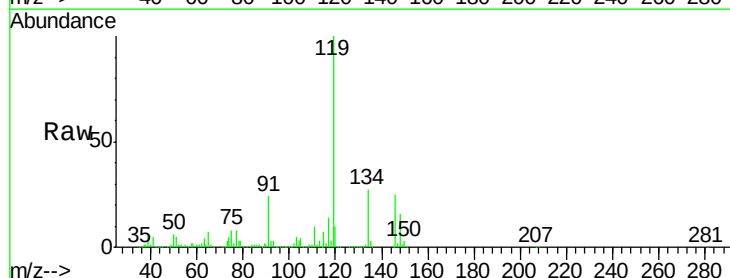
Tgt Ion:119 Resp: 1443295

Ion Ratio Lower Upper

119 100

134 26.4 13.0 39.0

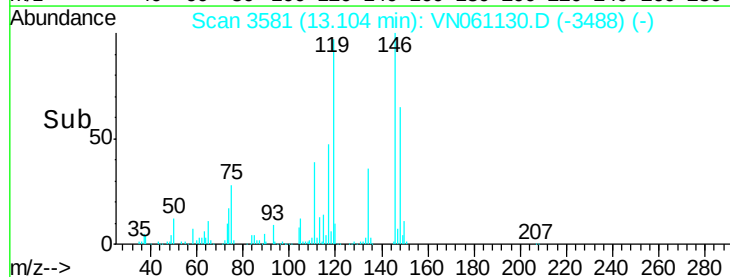
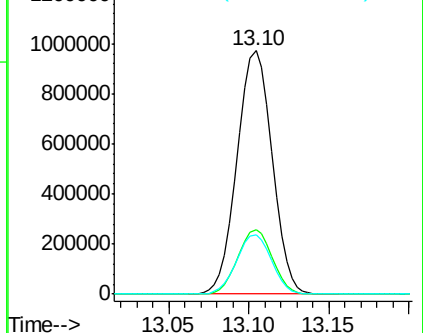
91 24.3 12.4 37.0

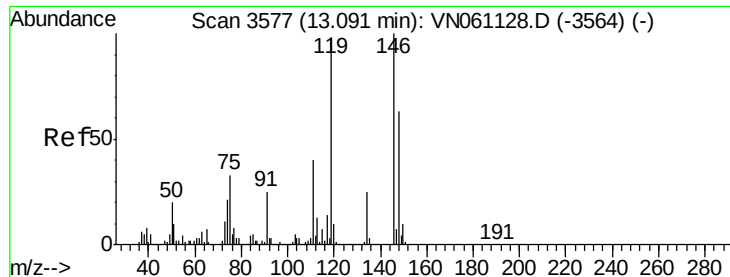


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 140.875 ug/l

RT: 13.09 min Scan# 3577

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

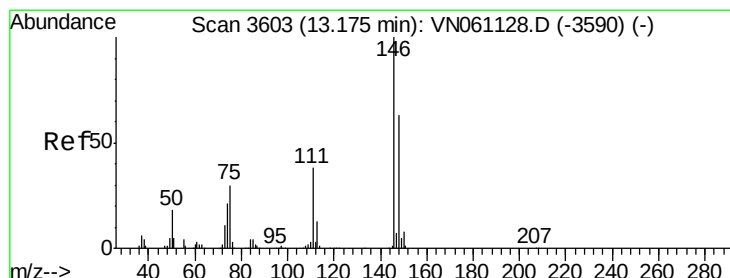
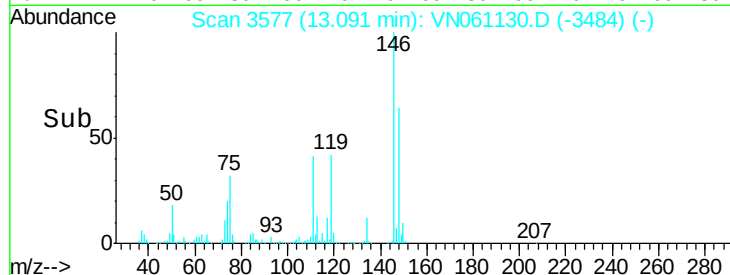
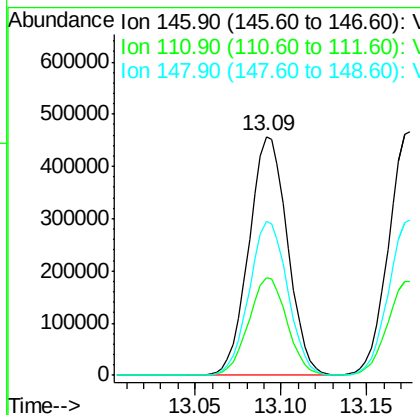
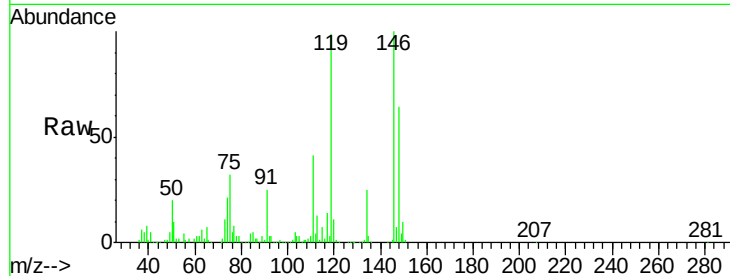
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	711269
Ion Ratio	Lower	Upper	
146	100		
111	40.6	20.3	60.9
148	64.3	31.9	95.5

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 139.644 ug/l

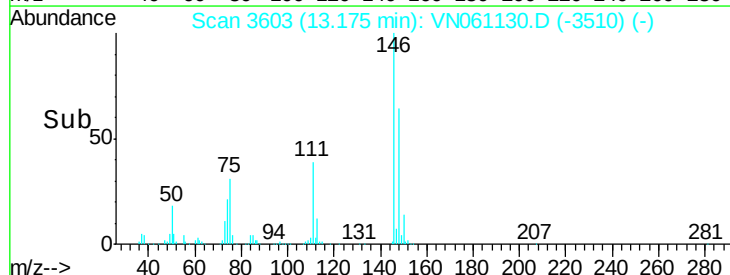
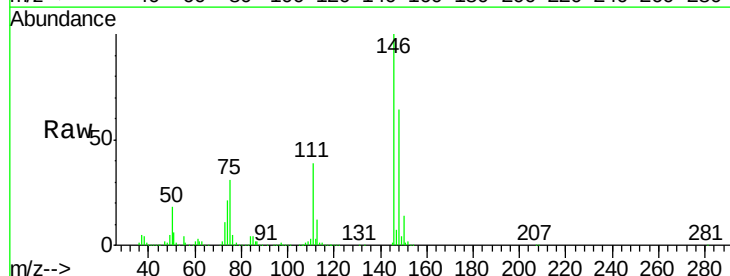
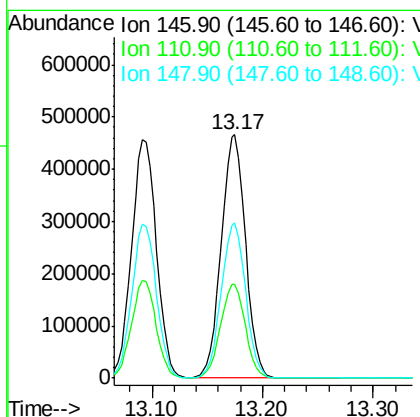
RT: 13.17 min Scan# 3603

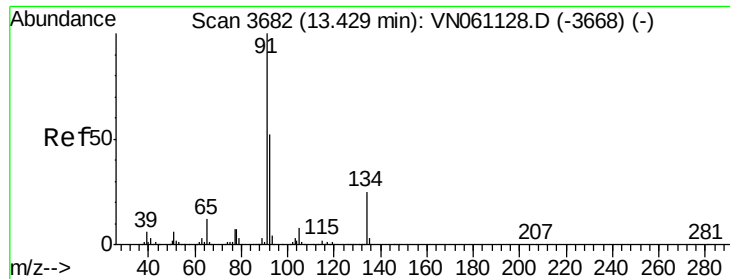
Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Tgt Ion:	146	Resp:	710919
Ion Ratio	Lower	Upper	
146	100		
111	39.2	19.7	59.1
148	64.0	31.8	95.3





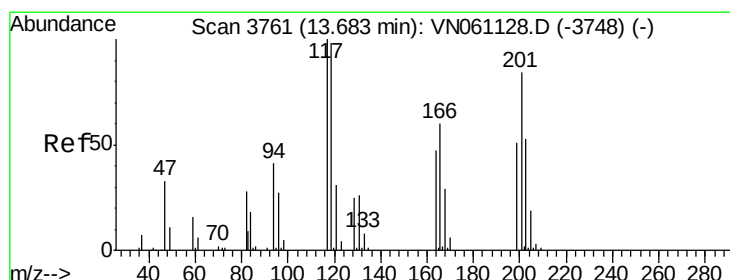
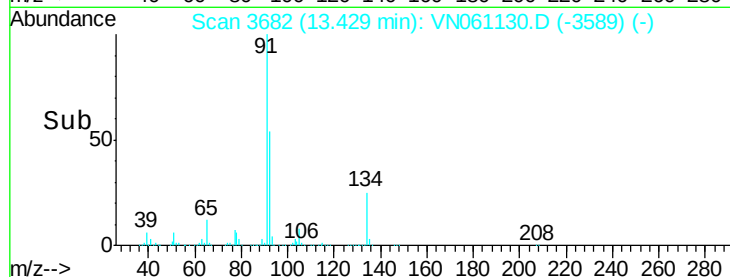
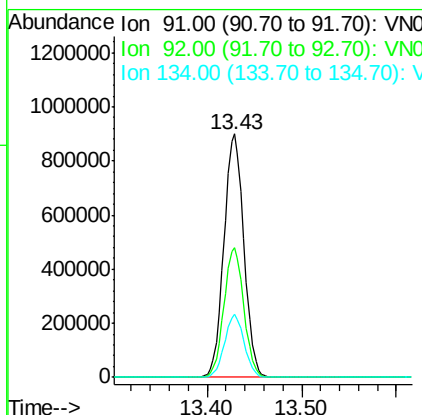
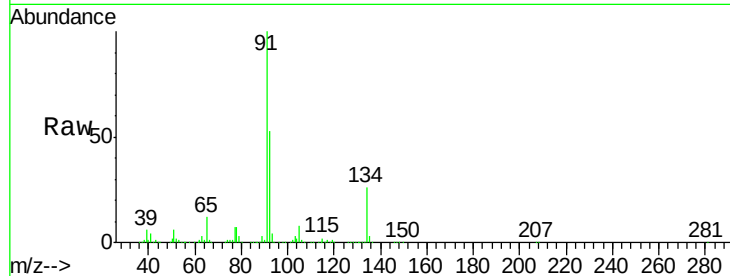
#89
n-Butylbenzene
Concen: 139.747 ug/l
RT: 13.43 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1315413
Ion Ratio Lower Upper
91 100
92 52.9 26.1 78.2
134 25.5 12.6 37.6

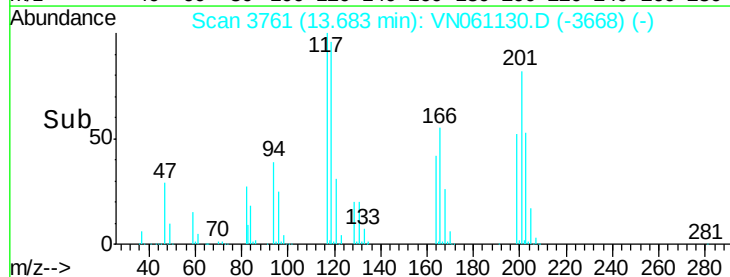
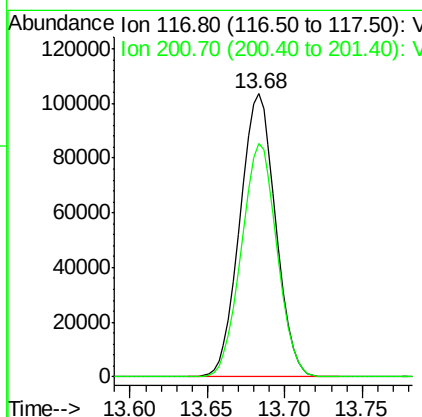
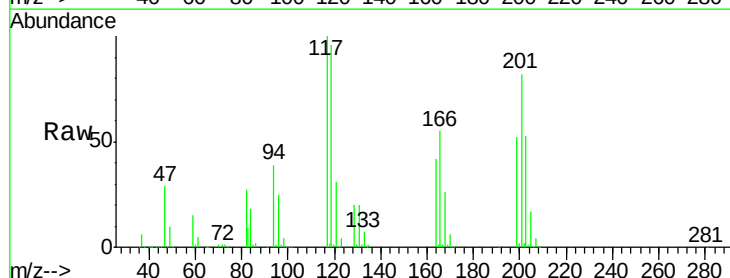
Manual Integrations
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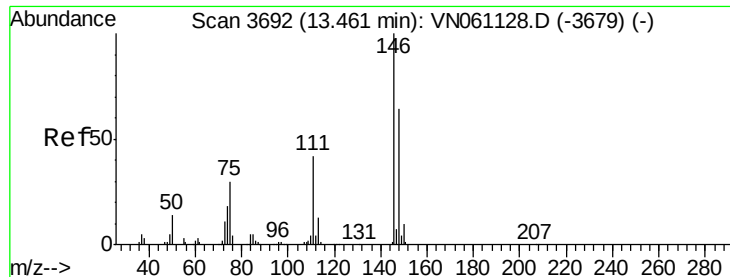
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#90
Hexachloroethane
Concen: 114.016 ug/l
RT: 13.68 min Scan# 3761
Delta R.T. 0.00 min
Lab File: VN061130.D
Acq: 22 Apr 2020 15:07

Tgt Ion: 117 Resp: 166163
Ion Ratio Lower Upper
117 100
201 82.3 41.4 124.4





#91

1,2-Dichlorobenzene

Concen: 136.745 ug/l

RT: 13.46 min Scan# 3692

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

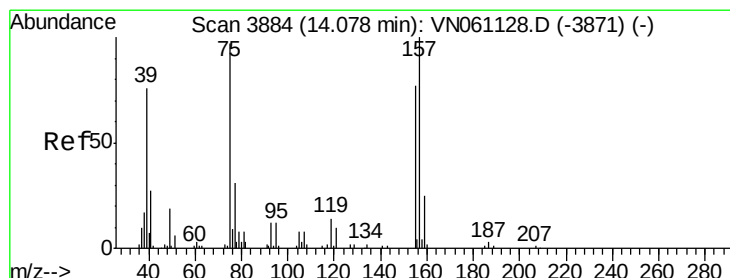
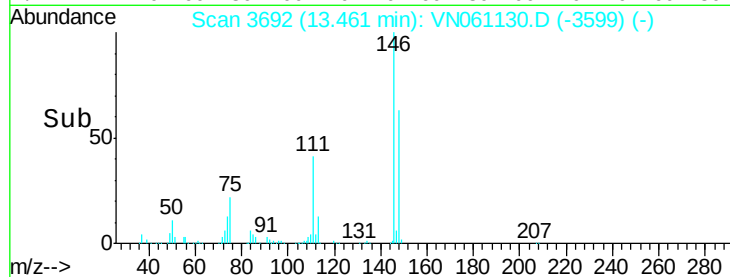
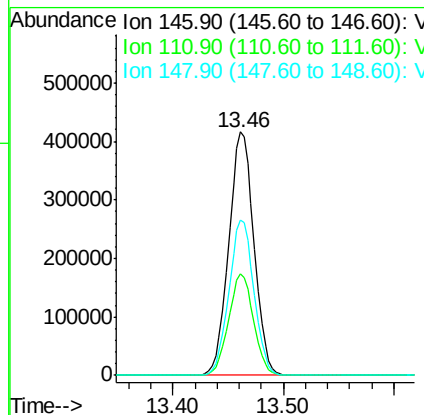
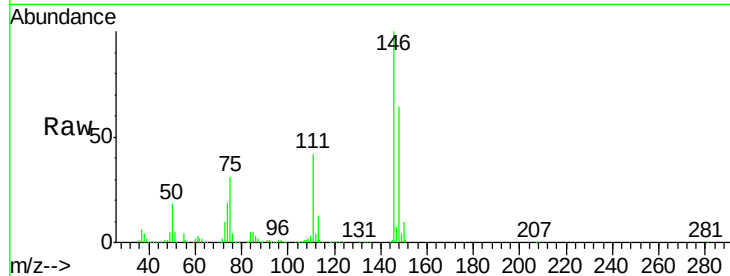
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	657619
Ion Ratio	Lower	Upper	
146	100		
111	41.3	20.8	62.2
148	63.7	31.7	95.1

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 141.433 ug/l

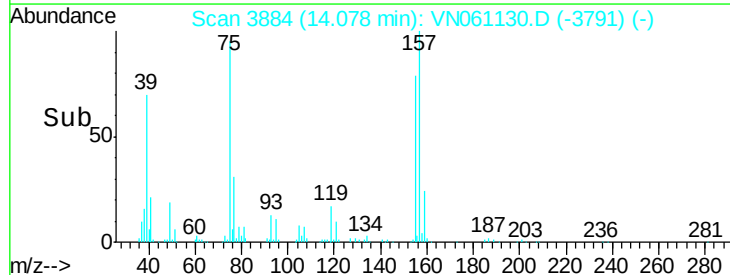
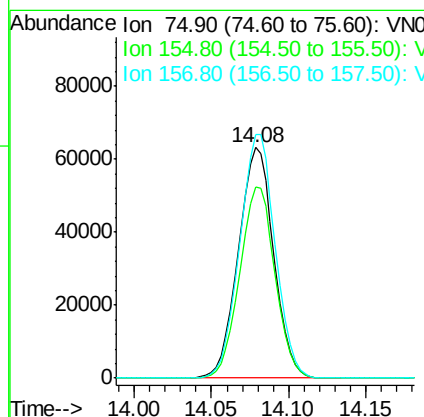
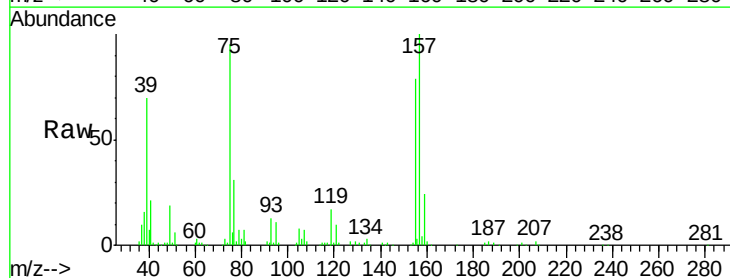
RT: 14.08 min Scan# 3884

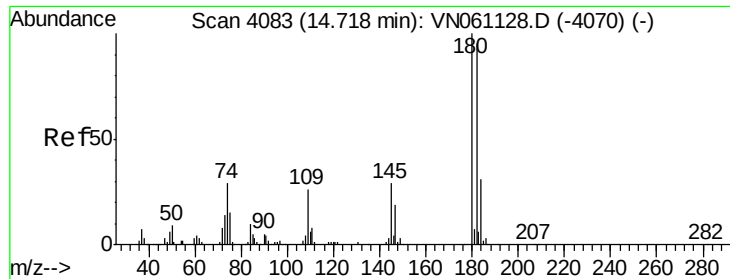
Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Tgt Ion:	75	Resp:	99990
Ion Ratio	Lower	Upper	
75	100		
155	83.0	40.3	120.9
157	106.3	51.6	154.8





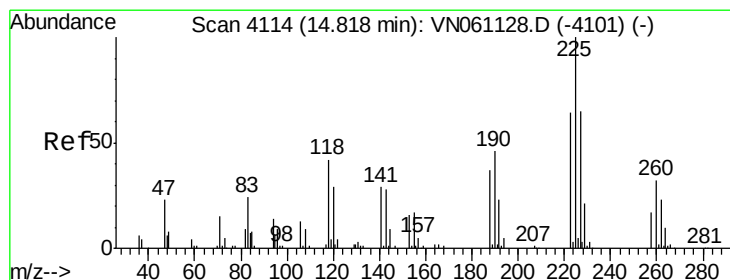
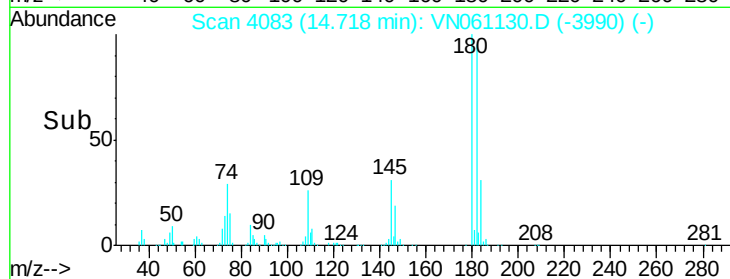
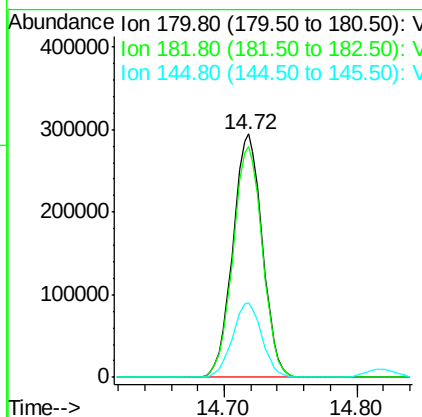
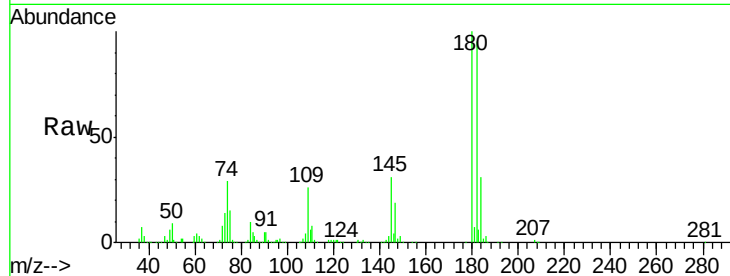
#93
 1,2,4-Trichlorobenzene
 Concen: 157.492 ug/l
 RT: 14.72 min Scan# 4083
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	452193		
182	95.0	47.9	143.7	
145	30.5	15.2	45.5	

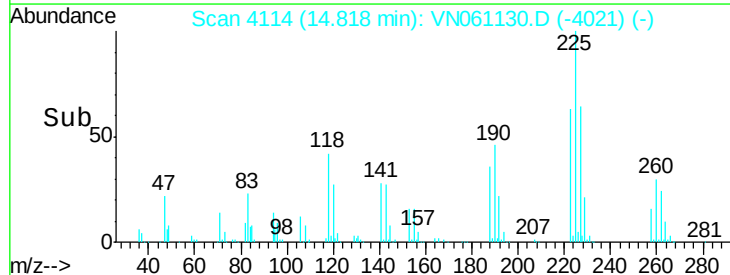
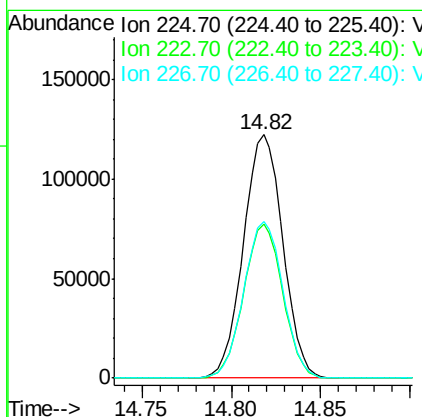
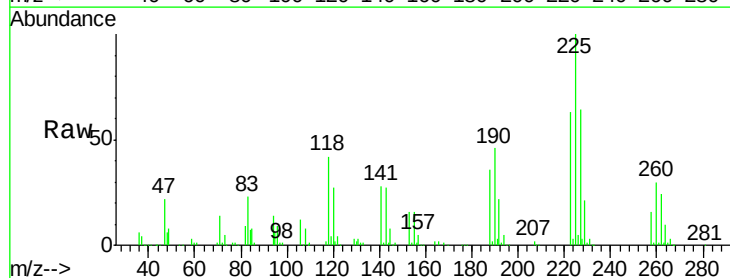
Manual Integrations
 APPROVED

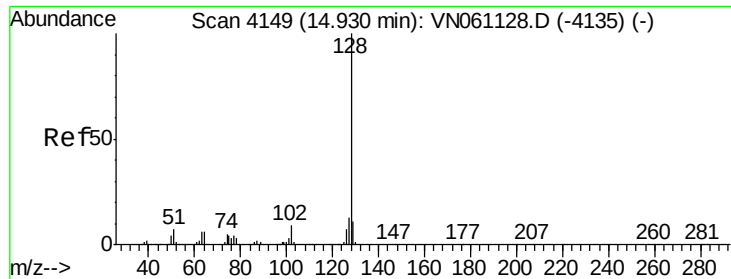
MMDadoda
 4/24/2020 1:35:03 PM



#94
 Hexachlorobutadiene
 Concen: 130.361 ug/l
 RT: 14.82 min Scan# 4114
 Delta R.T. 0.00 min
 Lab File: VN061130.D
 Acq: 22 Apr 2020 15:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	188488		
223	62.7	31.6	95.0	
227	64.1	32.0	96.2	





#95

Naphthalene

Concen: 165.706 ug/l

RT: 14.93 min Scan# 4149

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 1406809

Ion Ratio Lower Upper

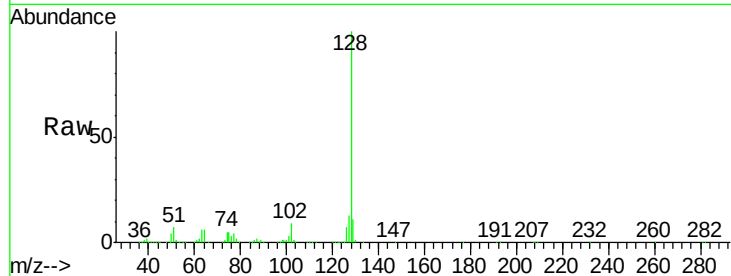
128 100

127 13.0 10.2 15.4

129 11.0 8.6 12.8

Manual Integrations
APPROVED

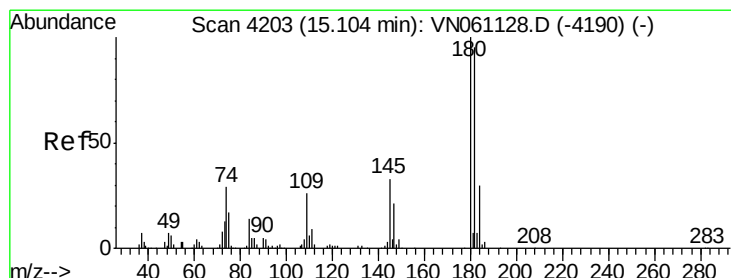
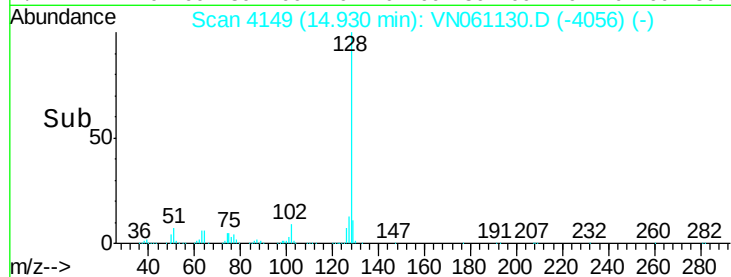
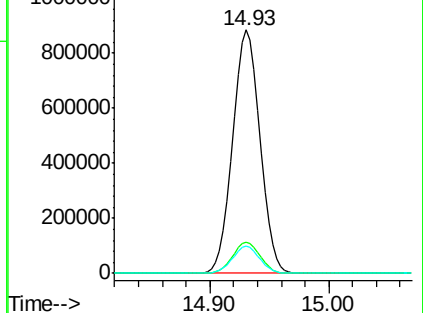
MMDadoda
4/24/2020 1:35:03 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 157.978 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061130.D

Acq: 22 Apr 2020 15:07

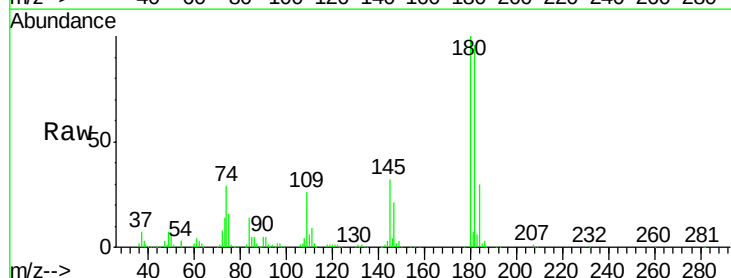
Tgt Ion:180 Resp: 437379

Ion Ratio Lower Upper

180 100

182 95.9 47.7 143.1

145 32.3 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

