

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061020\
 Data File : VN061737.D
 Acq On : 10 Jun 2020 15:18
 Operator : JC/MD
 Sample : VN0610WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:44:42 PM

Quant Time: Jun 11 03:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 10 12:28:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	76076	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	406008	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	368704	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	142214	29.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.90%
60) 4-Bromofluorobenzene	12.37	95	163020	30.00	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.00%
63) Toluene-d8	10.06	98	476919	30.45	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	55882	17.771	ug/l 97
3) Chloromethane	2.03	50	69779	18.561	ug/l 97
4) Vinyl Chloride	2.16	62	93347	17.793	ug/l 98
5) Bromomethane	2.54	94	63190	18.380	ug/l 99
6) Chloroethane	2.67	64	65315	17.809	ug/l 93
7) Trichlorofluoromethane	2.98	101	131097	17.268	ug/l 99
8) Diethyl Ether	3.37	74	45446	19.190	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	68771	17.711	ug/l 99
10) 1,1-Dichloroethene	3.69	96	67182	17.560	ug/l 94
11) Methyl Iodide	3.91	142	95801	18.375	ug/l 99
12) Methyl Acetate	4.28	43	56776	18.651	ug/l 99
13) Acrolein	3.57	56	41868	102.784	ug/l 99
14) Acrylonitrile	4.93	53	139960	89.082	ug/l # 92
15) Acetone	3.77	58	43276	92.111	ug/l 93
16) Carbon Disulfide	4.01	76	156328	19.730	ug/l 99
17) Allyl chloride	4.27	41	75269	17.272	ug/l 99
18) Methylene Chloride	4.50	84	78378	17.853	ug/l 96
19) trans-1,2-Dichloroethene	4.99	96	76108	17.891	ug/l 96
20) Diisopropyl ether	5.90	45	190938	18.340	ug/l 99
21) 1,1-Dichloroethane	5.80	63	120139	17.355	ug/l 98
22) cis-1,2-Dichloroethene	6.78	96	88382	17.713	ug/l 98
23) tert-Butyl Alcohol	4.72	59	57684	94.942	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	227340	18.641	ug/l # 77
25) Chloroform	7.33	83	136977	17.467	ug/l 99
26) Cyclohexane	7.61	56	95030	17.978	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	96390	17.668	ug/l 100
30) 2-Butanone	6.78	43	173580	91.848	ug/l 99
31) 2,2-Dichloropropane	6.77	77	112898	17.675	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	122422	17.574	ug/l 99
33) Carbon Tetrachloride	7.73	117	99010	17.456	ug/l 95
34) Benzene	8.00	78	305907	17.987	ug/l 97
35) Methacrylonitrile	7.12	41	30993	17.658	ug/l # 73
36) 1,2-Dichloroethane	8.08	62	99503	18.103	ug/l 98
37) Trichloroethene	8.80	130	93446	17.616	ug/l 98
38) Methylcyclohexane	9.05	83	112902	18.489	ug/l 100
39) 1,2-Dichloropropane	9.08	63	73808	18.119	ug/l 100
40) Dibromomethane	9.17	93	55692	18.228	ug/l 99

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Manual Integrations
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Quant Time: Jun 11 03:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	110403	17.812	ug/l	98
42) Vinyl Acetate	5.84	43	739054	94.801	ug/l	100
43) Ethyl Acetate	6.88	43	72705	18.945	ug/l	98
44) Isopropyl Acetate	8.12	43	126866	18.271	ug/l #	82
45) 1,4-Dioxane	9.17	88	28329	399.201	ug/l	98
46) Methyl methacrylate	9.17	41	55638	18.470	ug/l	98
47) n-amyl Acetate	12.04	43	102098	17.353	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	112461	17.399	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	125199	17.718	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	81287	18.309	ug/l	98
51) Ethyl methacrylate	10.40	69	103466	17.936	ug/l	99
52) 1,3-Dichloropropane	10.68	76	129095	18.257	ug/l	99
53) Dibromochloromethane	10.87	129	91885	17.563	ug/l	100
54) 1,2-Dibromoethane	10.98	107	85680	18.421	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	243452	111.036	ug/l	99
56) Bromoform	12.10	173	62527	17.117	ug/l #	97
58) 4-Methyl-2-Pentanone	9.95	43	372872	97.785	ug/l	99
59) 2-Hexanone	10.72	43	263476	95.285	ug/l	99
61) Tetrachloroethene	10.60	164	100654	17.878	ug/l	95
62) Toluene	10.12	91	340102	18.372	ug/l	98
64) Chlorobenzene	11.41	112	222719	18.697	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.48	131	81779	18.011	ug/l	97
66) Ethyl Benzene	11.48	91	371611	18.338	ug/l	99
67) m/p-Xylenes	11.59	106	295011	36.598	ug/l	99
68) o-Xylene	11.92	106	140715	18.482	ug/l	98
69) Styrene	11.94	104	227993	17.677	ug/l	99
70) Isopropylbenzene	12.22	105	364766	18.139	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	101911	19.078	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	86023m	17.083	ug/l	
73) Bromobenzene	12.50	156	97264	17.903	ug/l	98
74) n-propylbenzene	12.56	91	413926	18.210	ug/l	100
75) 2-Chlorotoluene	12.65	91	243211	18.154	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	309175	18.443	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	31329	17.246	ug/l	93
78) 4-Chlorotoluene	12.75	91	249230	17.854	ug/l	99
79) tert-butylbenzene	12.97	119	263488	18.174	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	307322	18.224	ug/l	98
81) sec-Butylbenzene	13.15	105	338949	18.093	ug/l	100
82) p-Isopropyltoluene	13.26	119	314592	18.088	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	168921	17.421	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	167958	17.630	ug/l	99
85) n-Butylbenzene	13.59	91	251928	17.538	ug/l	99
86) Hexachloroethane	13.85	117	40982	17.307	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	167394	18.173	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	18242	18.384	ug/l	99
89) 1,2,4-Trichlorobenzene	14.88	180	91992	17.032	ug/l	99
90) Hexachlorobutadiene	14.98	225	39840	17.012	ug/l	98
91) Naphthalene	15.10	128	259785	17.332	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	93609	17.693	ug/l	99

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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QLast Update : Wed Jun 10 12:28:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

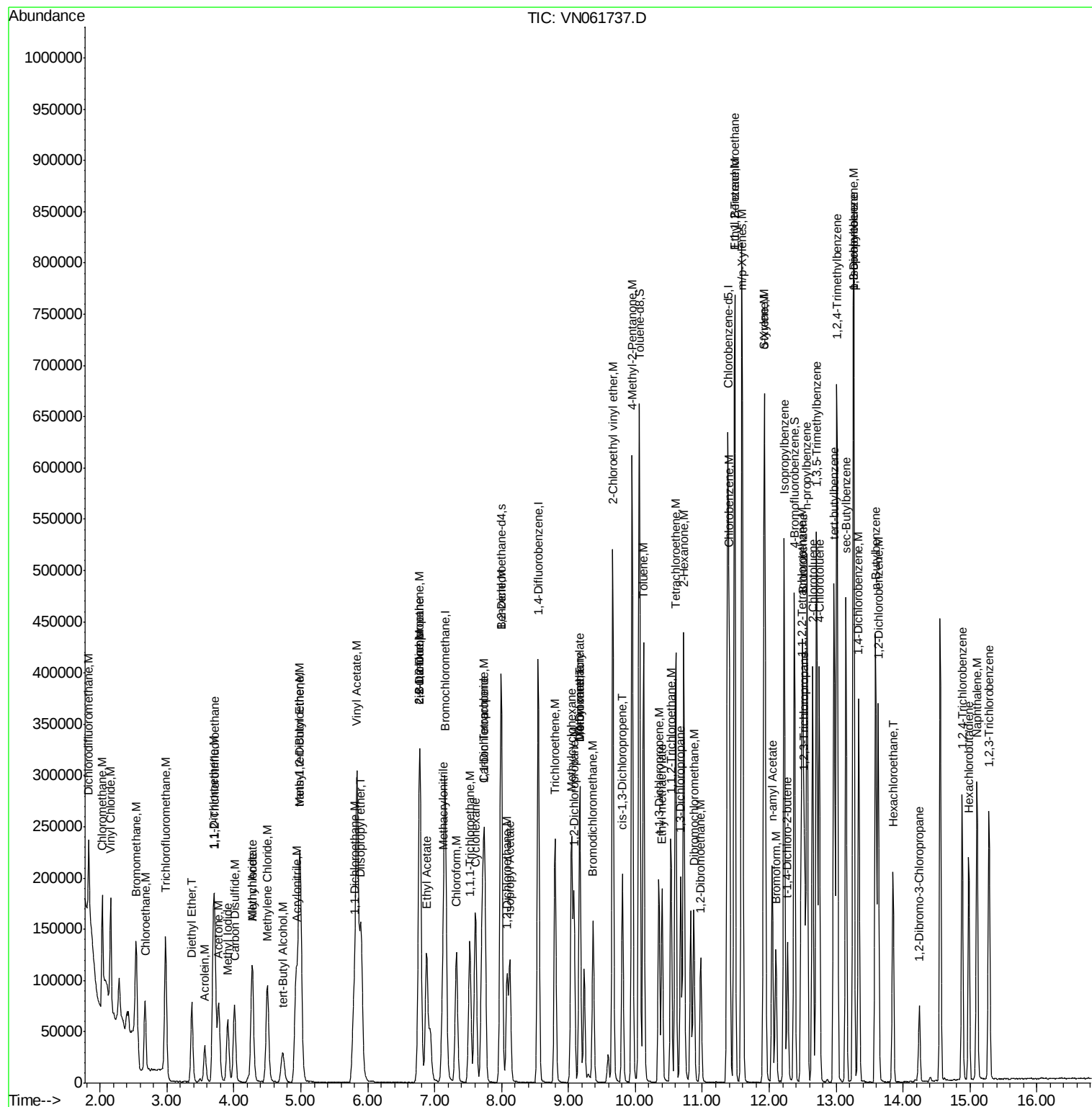
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 Data File : VN061737.D
 Acq On : 10 Jun 2020 15:18
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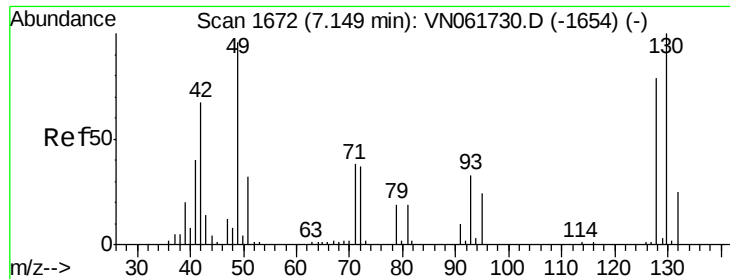
Instrument :
 MSVOA_N
 Client Sample Id :
 VN0610WBSD01

Manual Integrations
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 6/11/2020 12:44:42 PM

Quant Time: Jun 11 03:15:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N061020W.M
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBSD01

Tot Ion:128 Resp: 76076

Ion Ratio Lower Upper

128 100

49 124.6 0.0 312.3

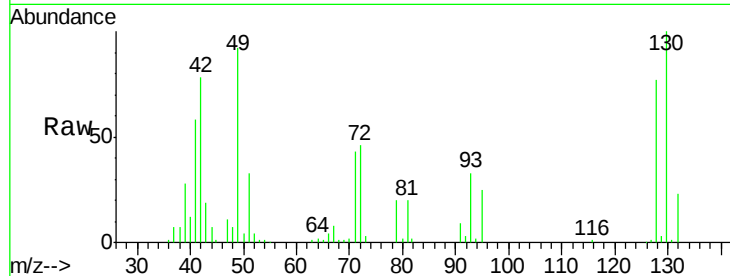
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Manual Integrations

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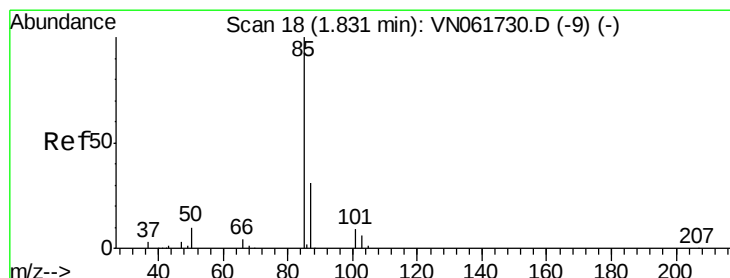
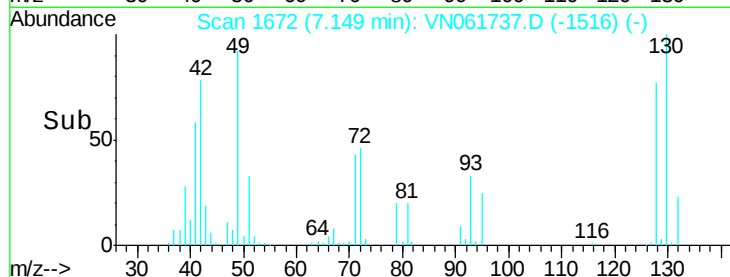
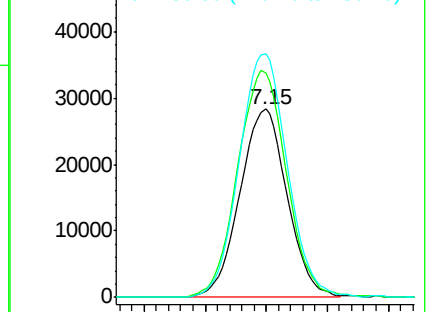
6/11/2020 12:44:42 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.771 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061737.D

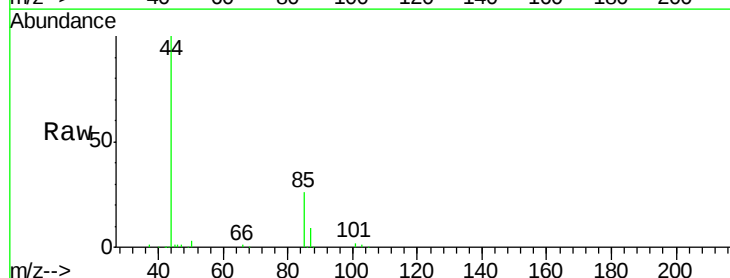
Acq: 10 Jun 2020 15:18

Tgt Ion: 85 Resp: 55882

Ion Ratio Lower Upper

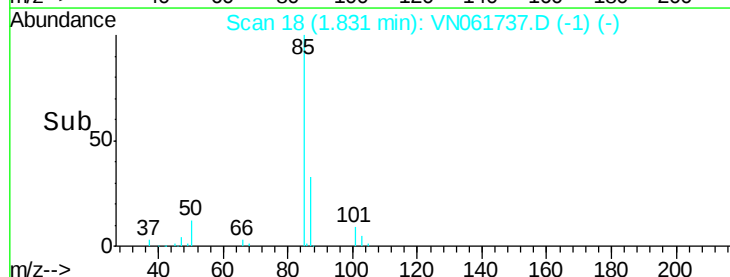
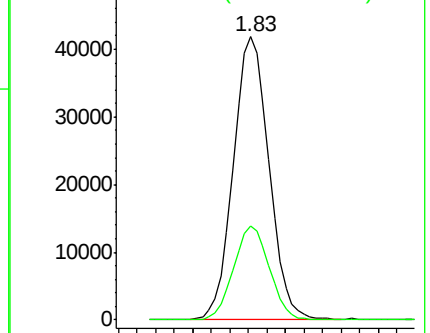
85 100

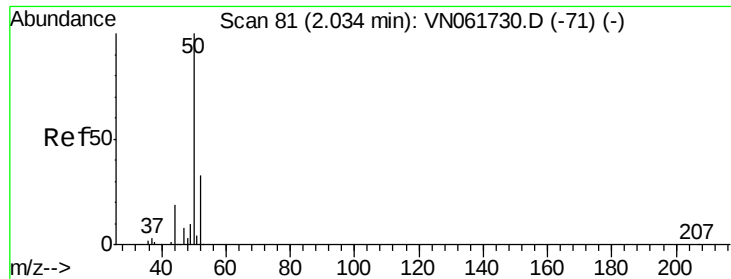
87 33.0 15.7 47.1



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 18.561 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBSD01

Tot Ion: 50 Resp: 69779

Ion Ratio Lower Upper

50 100

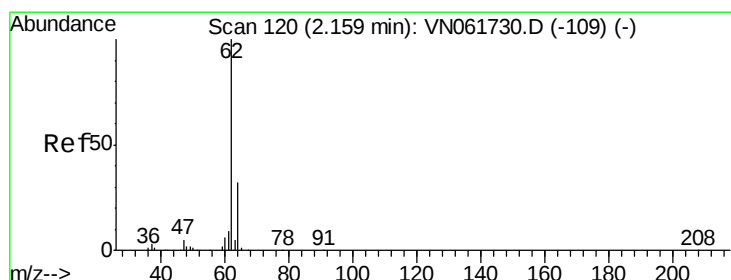
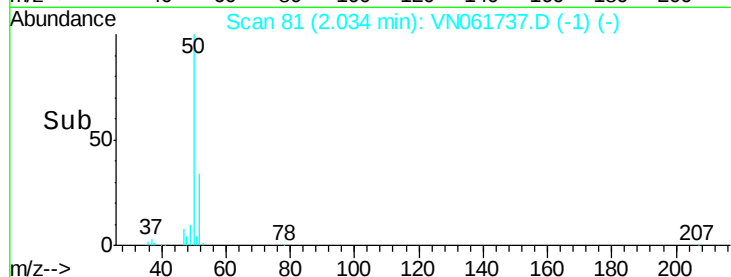
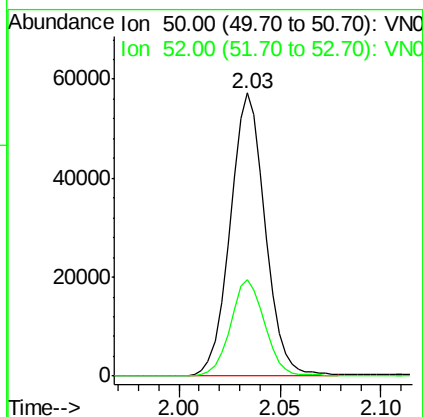
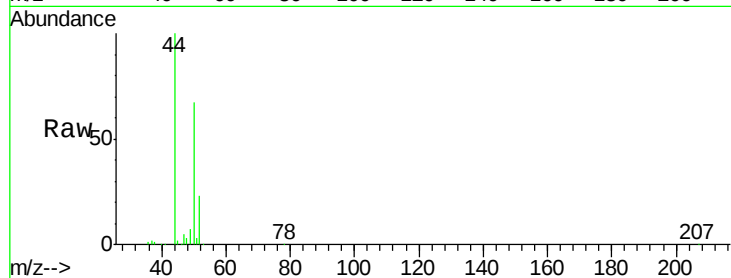
52 34.1 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.793 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061737.D

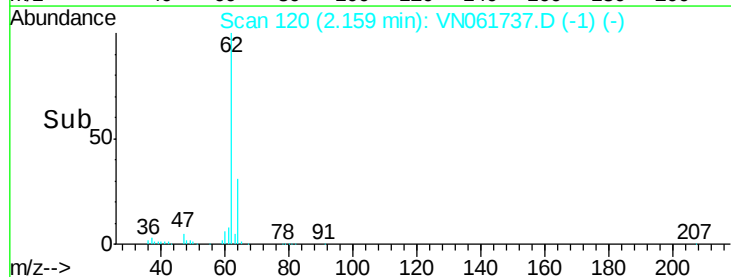
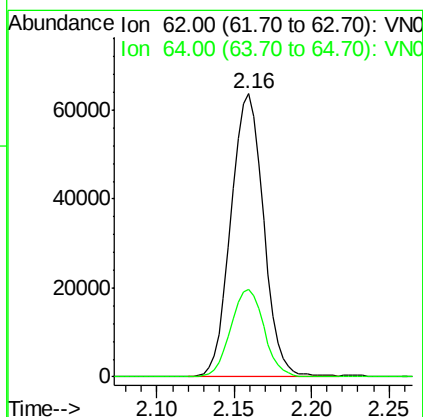
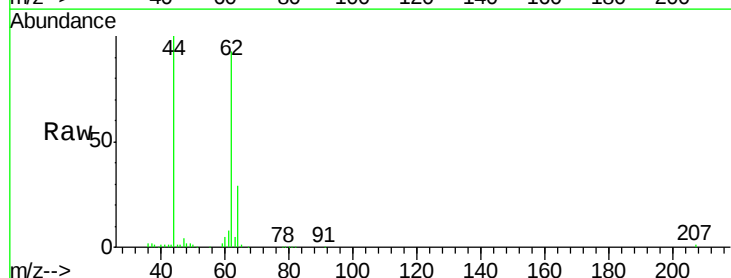
Acq: 10 Jun 2020 15:18

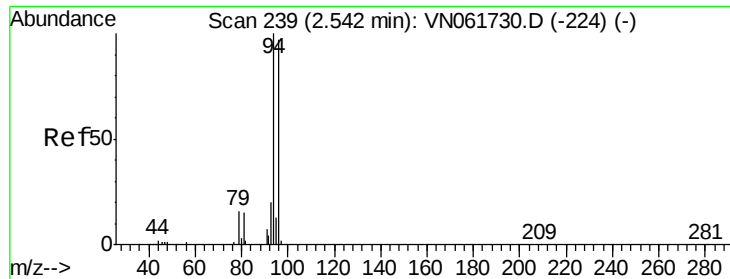
Tgt Ion: 62 Resp: 93347

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 18.380 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

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ClientSampleId :

VN0610WBSD01

Tot Ion: 94 Resp: 63190

Ion Ratio Lower Upper

94 100

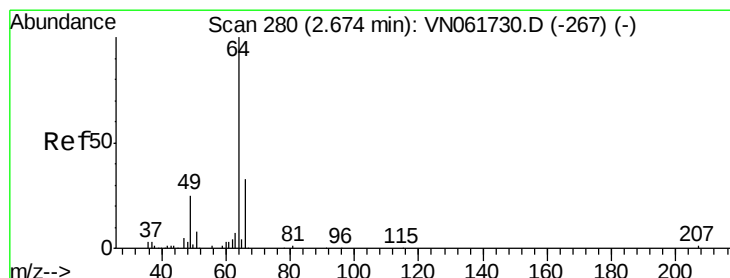
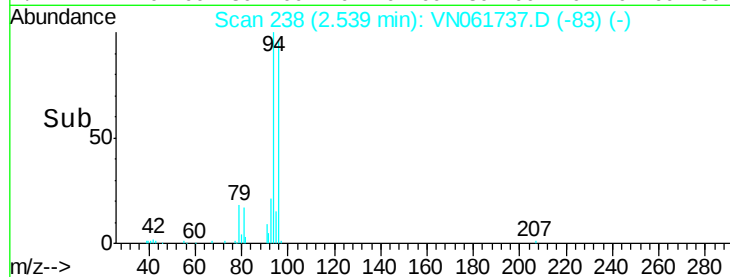
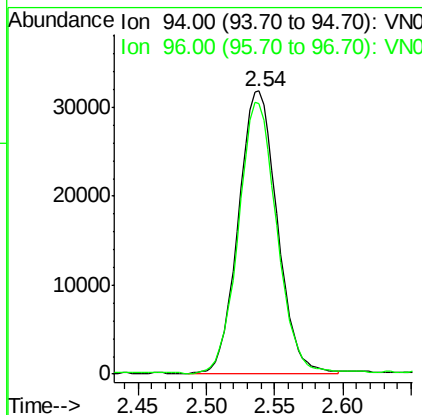
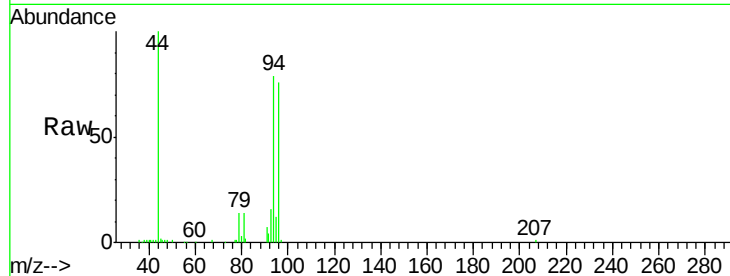
96 95.7 77.4 116.2

Manual Integrations

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#6

Chloroethane

Concen: 17.809 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061737.D

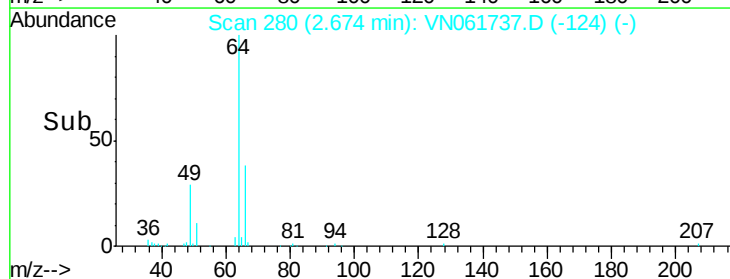
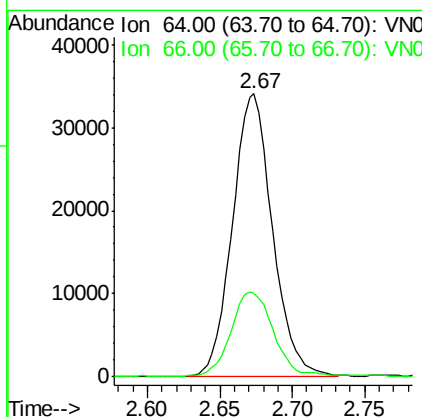
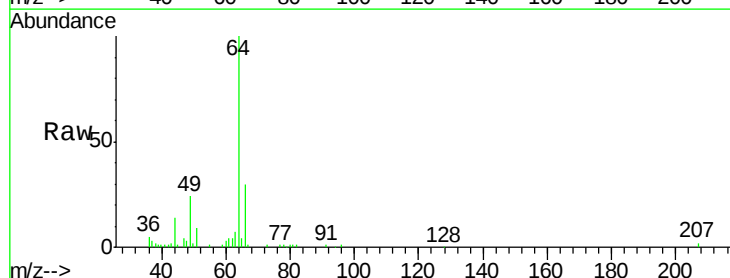
Acq: 10 Jun 2020 15:18

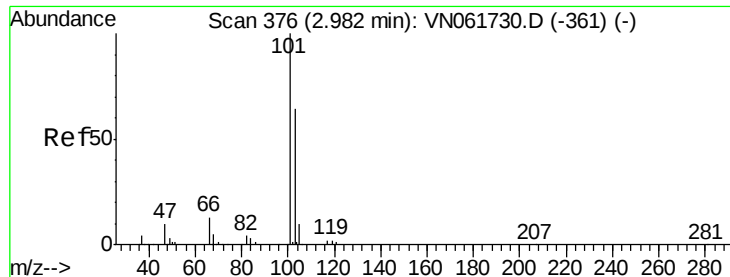
Tgt Ion: 64 Resp: 65315

Ion Ratio Lower Upper

64 100

66 29.0 26.6 39.8





#7

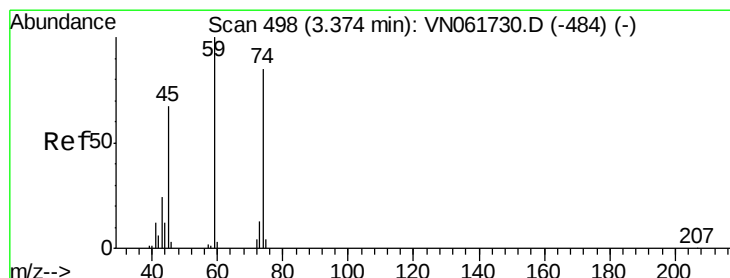
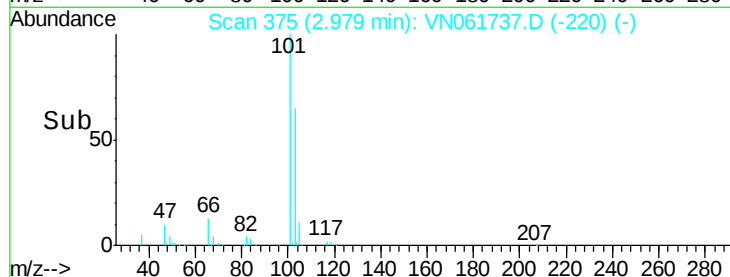
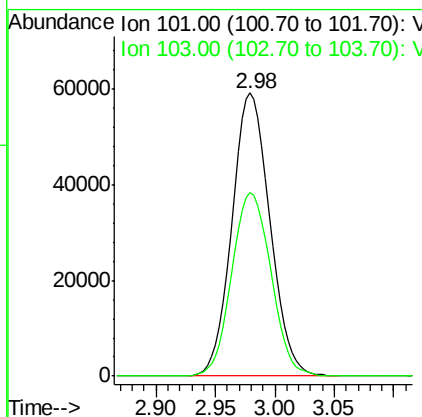
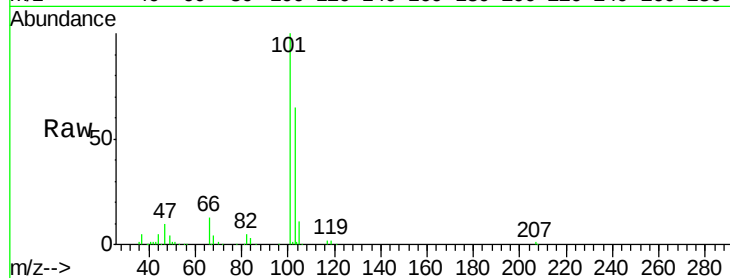
Trichlorofluoromethane
 Concen: 17.268 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.1	76.7

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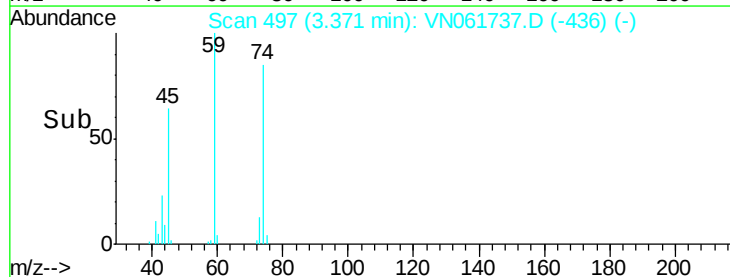
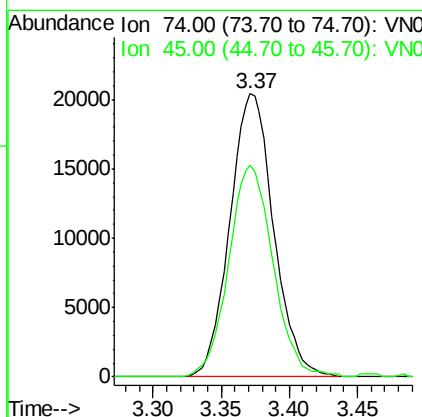
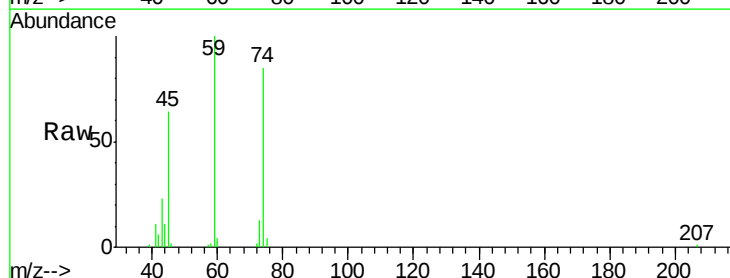
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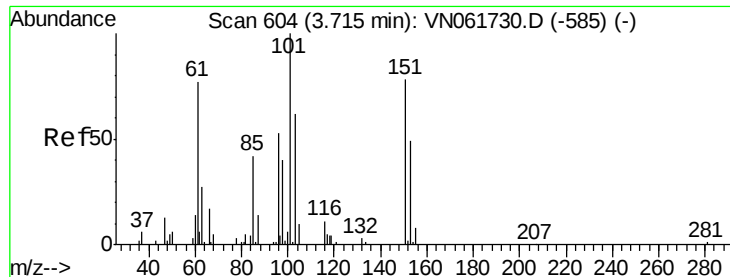


#8

Diethyl Ether
 Concen: 19.190 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	75.6	15.4	138.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.711 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

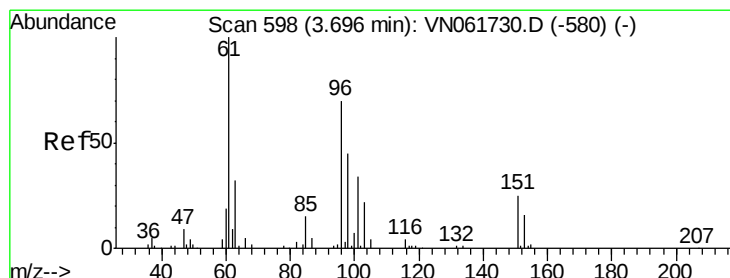
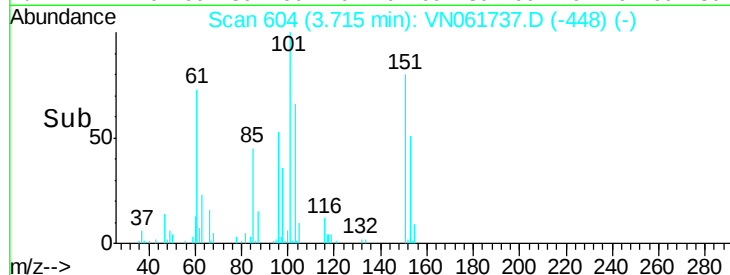
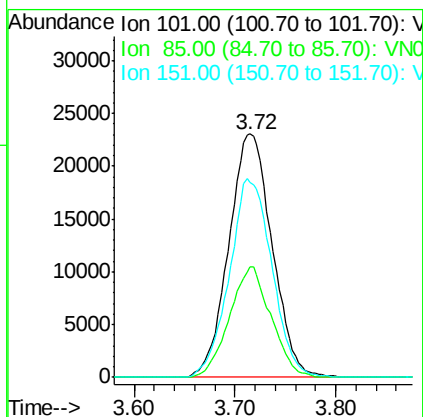
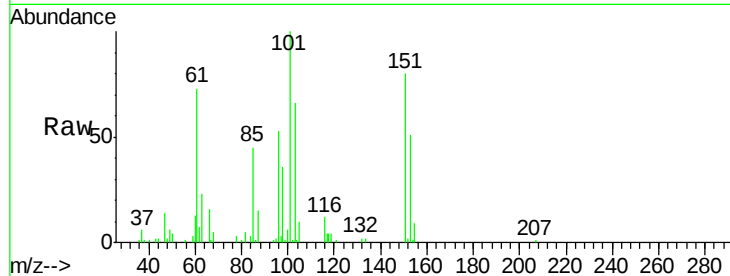
ClientSampleId :

VN0610WBSD01

Tot Ion:	101	Resp:	68771
Ion Ratio	Lower	Upper	
101	100		
85	43.4	0.0	84.8
151	80.1	0.0	159.0

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#10

1,1-Dichloroethene

Concen: 17.560 ug/l

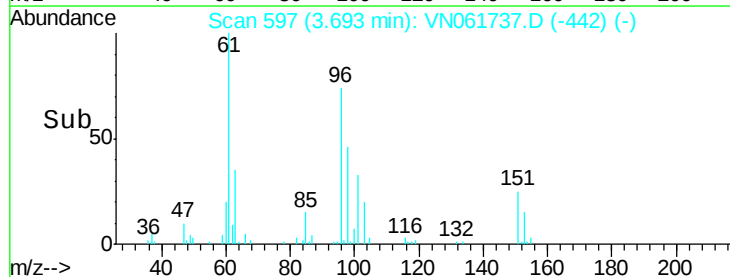
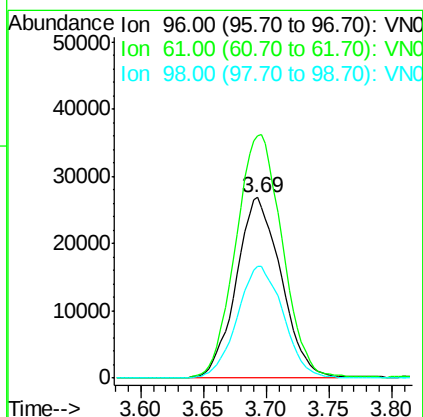
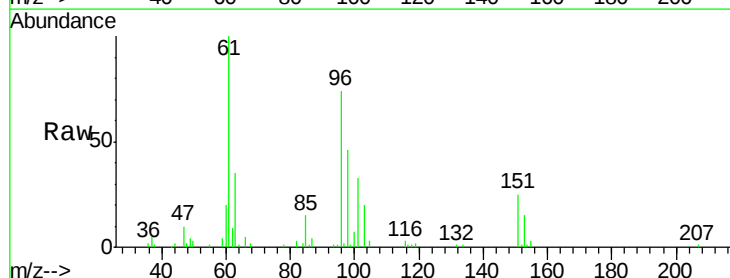
RT: 3.69 min Scan# 597

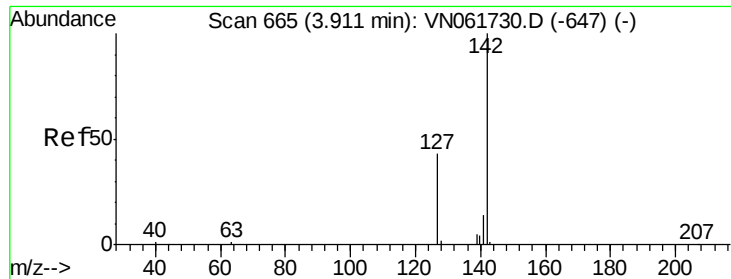
Delta R.T. -0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Tgt Ion:	96	Resp:	67182
Ion Ratio	Lower	Upper	
96	100		
61	134.5	114.9	172.3
98	62.2	52.2	78.2





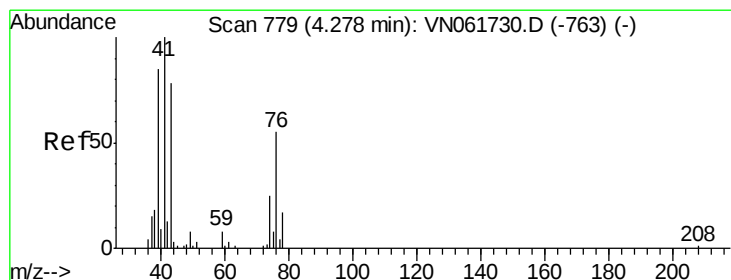
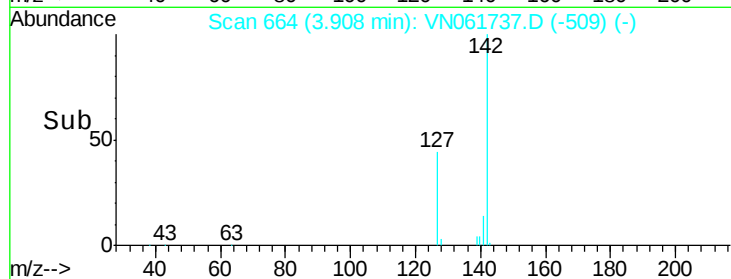
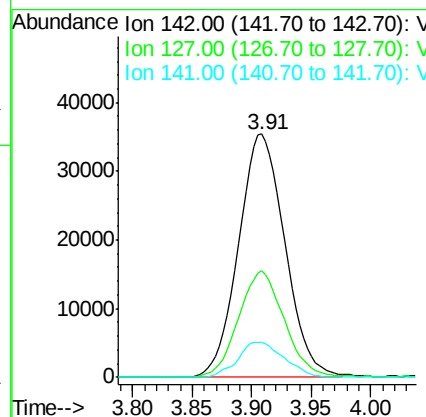
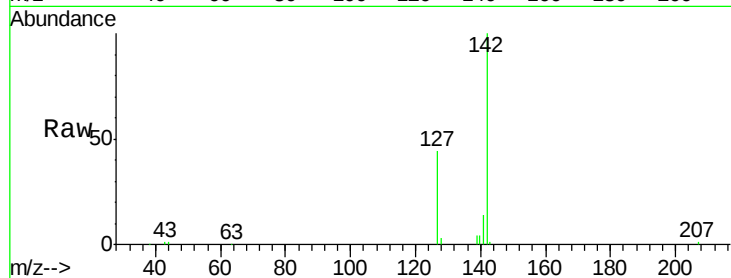
#11
Methvl Iodide
Concen: 18.375 ug/l
RT: 3.91 min Scan# 664
Delta R.T. -0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.6	21.6	64.6
141	14.5	7.2	21.6

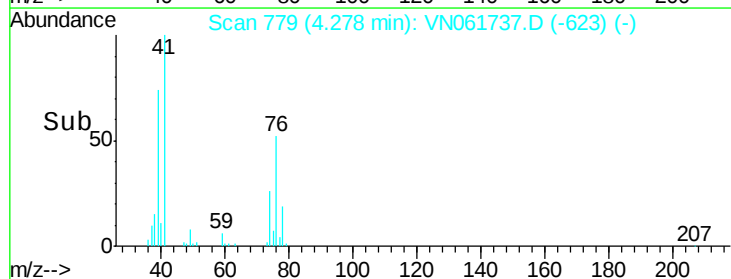
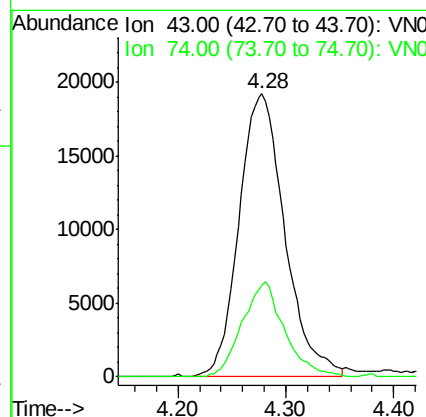
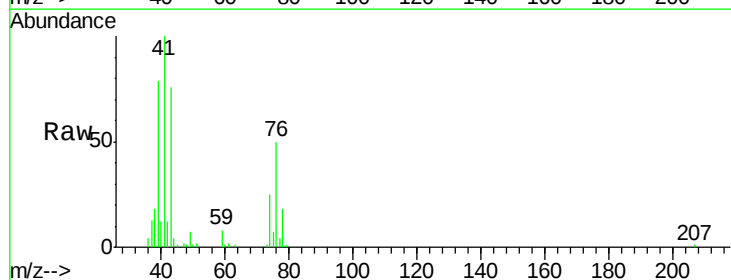
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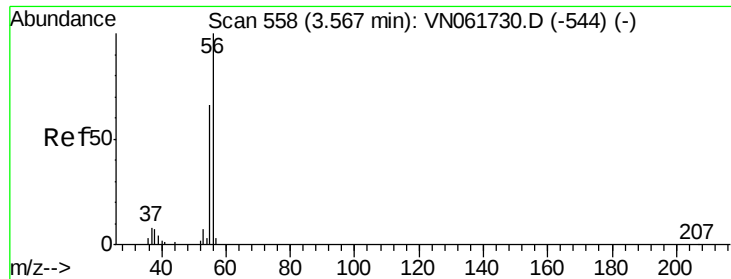
MMDadoda
6/11/2020 12:44:42 PM



#12
Methyl Acetate
Concen: 18.651 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
43	100		
74	32.5	25.8	38.6





#13

Acrolein

Concen: 102.784 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBSD01

Tot Ion: 56 Resp: 41868

Ion Ratio Lower Upper

56 100

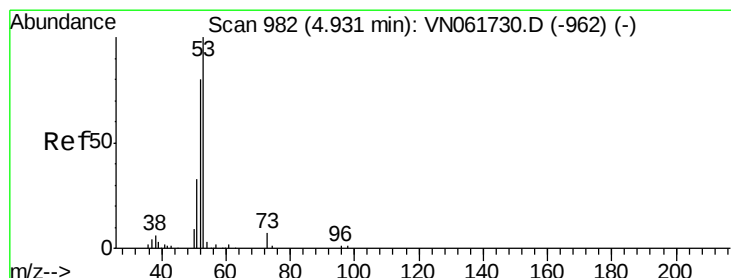
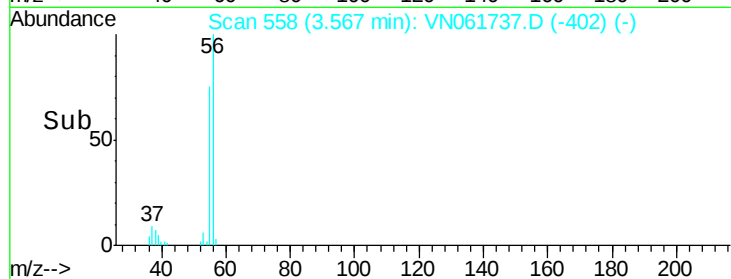
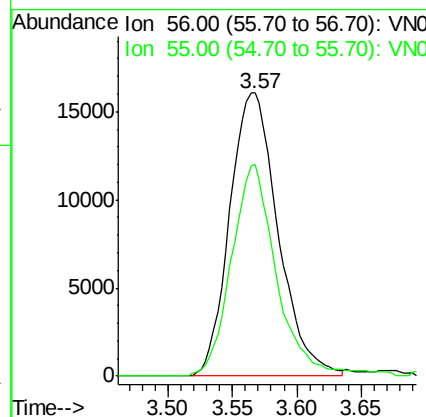
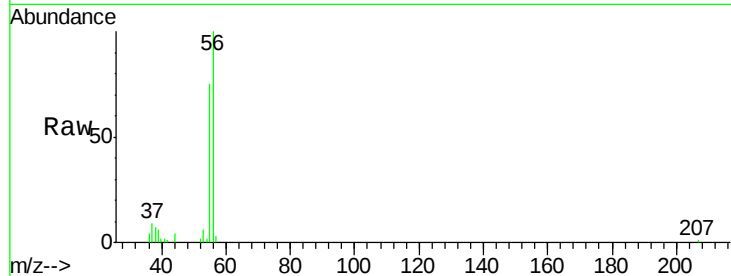
55 68.0 53.9 80.9

Manual Integrations

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#14

Acrylonitrile

Concen: 89.082 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

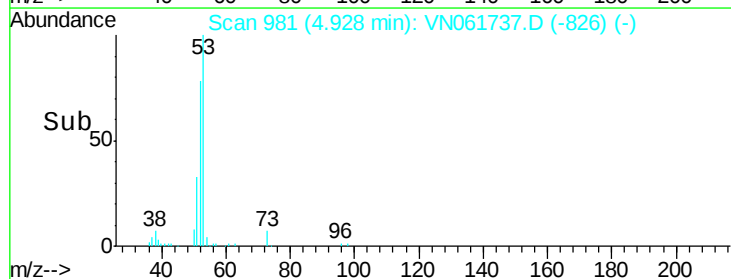
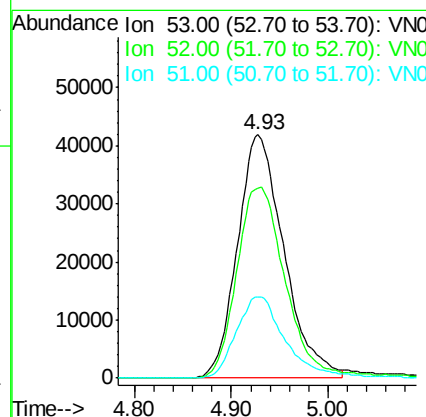
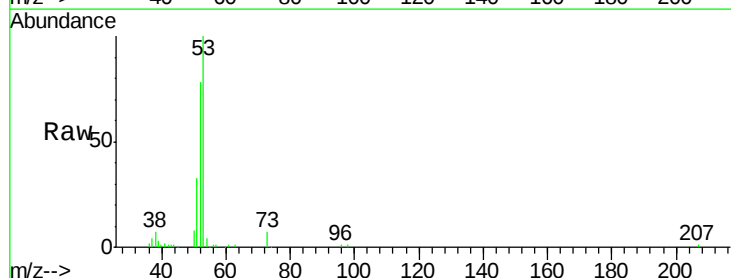
Tgt Ion: 53 Resp: 139960

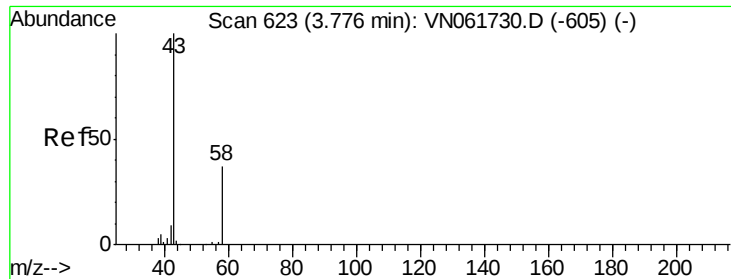
Ion Ratio Lower Upper

53 100

52 82.0 41.3 123.7

51 35.4 8.0 23.8#





#15

Acetone

Concen: 92.111 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBSD01

Tot Ion: 58 Resp: 43276

Ion Ratio Lower Upper

58 100

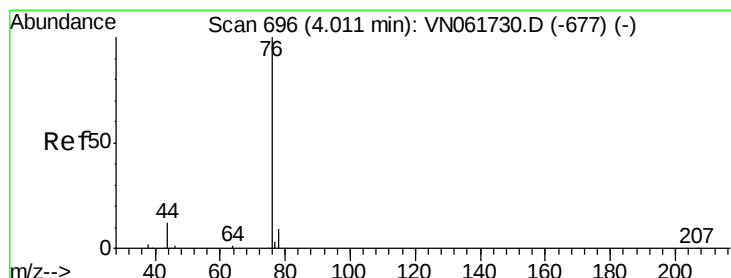
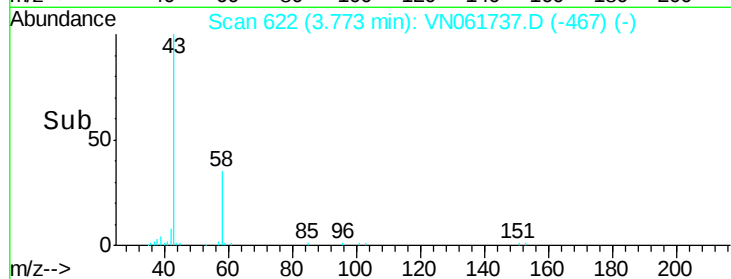
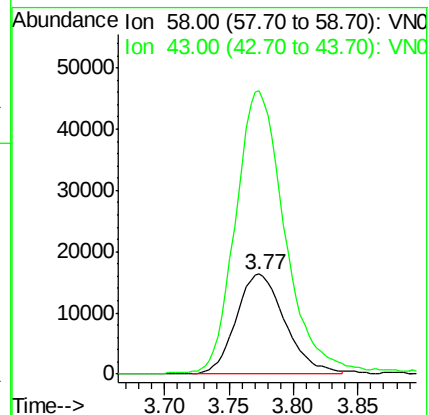
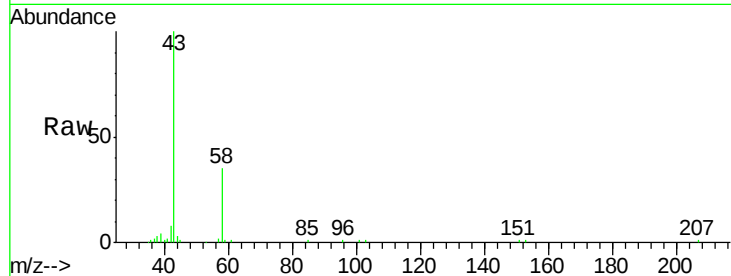
43 279.8 213.7 320.5

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#16

Carbon Disulfide

Concen: 19.730 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061737.D

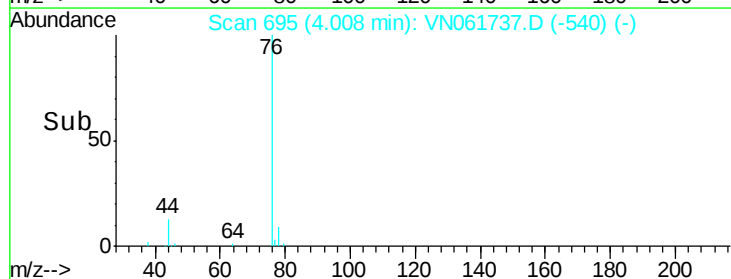
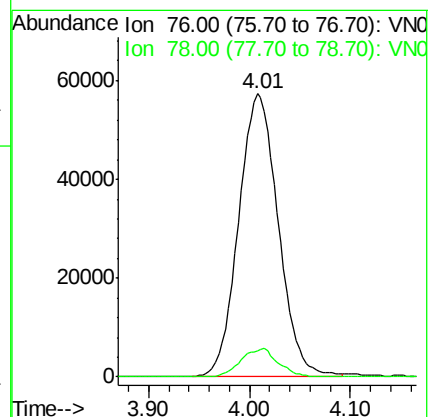
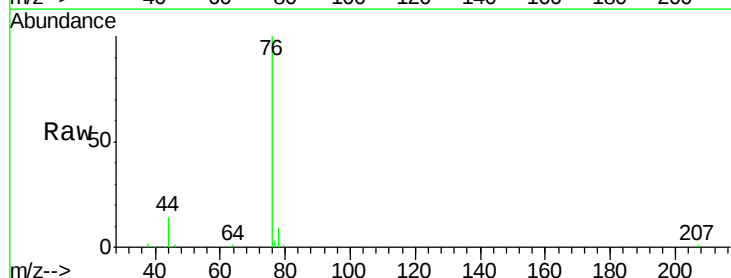
Acq: 10 Jun 2020 15:18

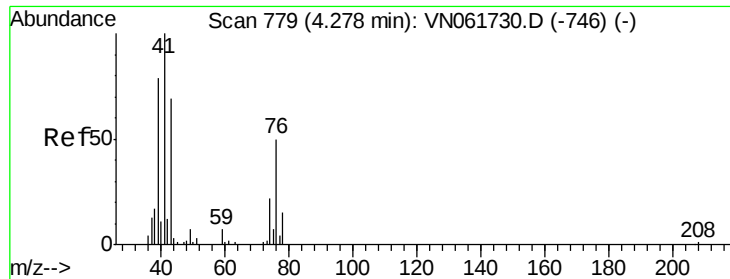
Tgt Ion: 76 Resp: 156328

Ion Ratio Lower Upper

76 100

78 9.2 7.6 11.4





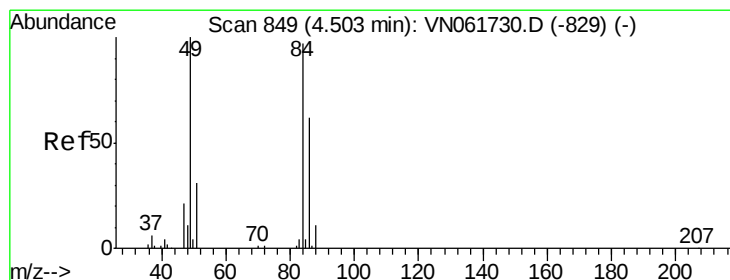
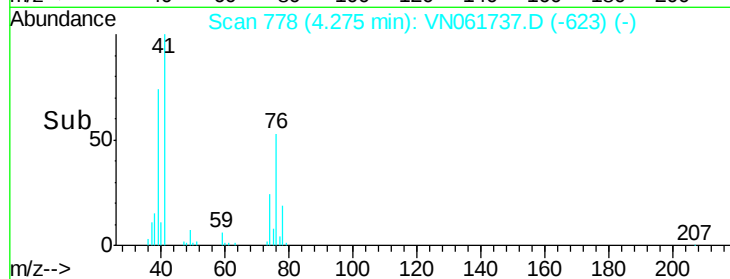
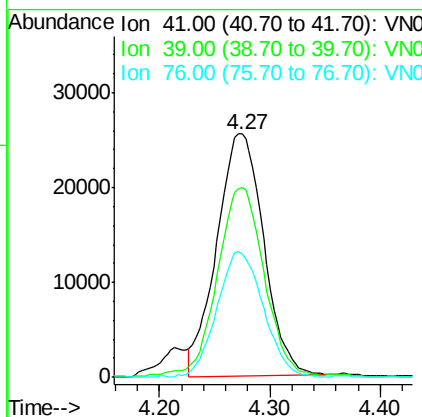
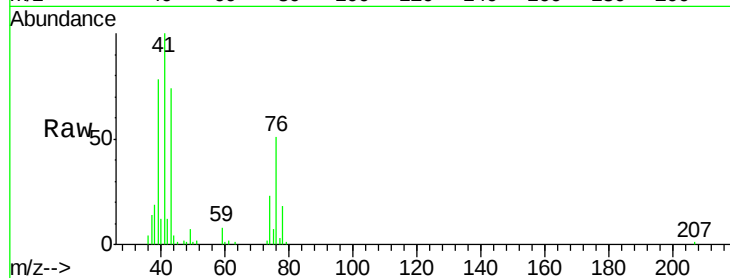
#17
Allvl chloride
Concen: 17.272 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion:	41	Resp:	75269
Ion	Ratio	Lower	Upper
41	100		
39	77.8	39.5	118.5
76	50.2	24.9	74.7

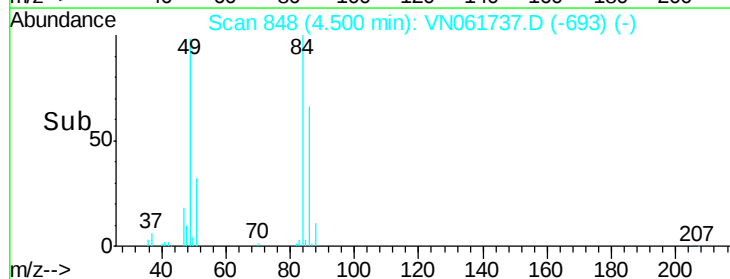
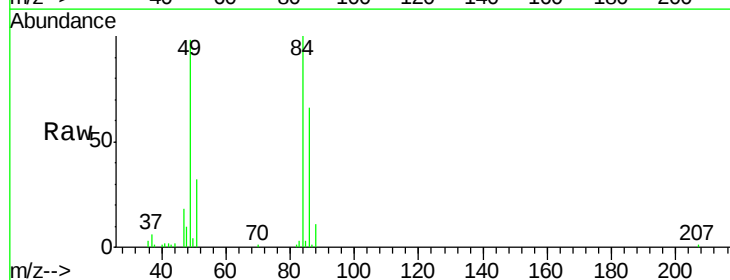
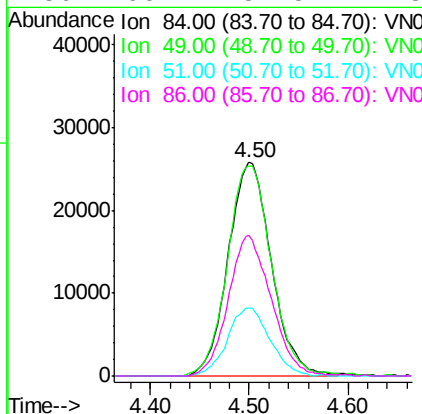
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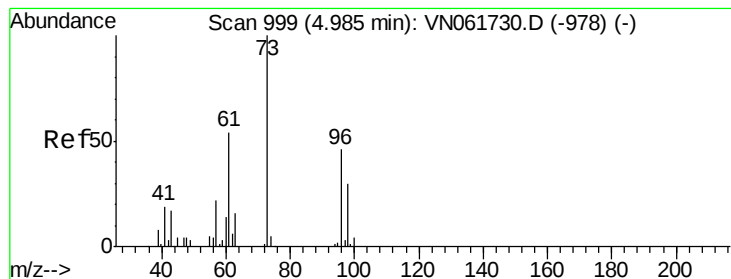
MMDadoda
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#18
Methylene Chloride
Concen: 17.853 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion:	84	Resp:	78378
Ion	Ratio	Lower	Upper
84	100		
49	97.3	82.6	124.0
51	31.9	25.4	38.0
86	66.1	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 17.891 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

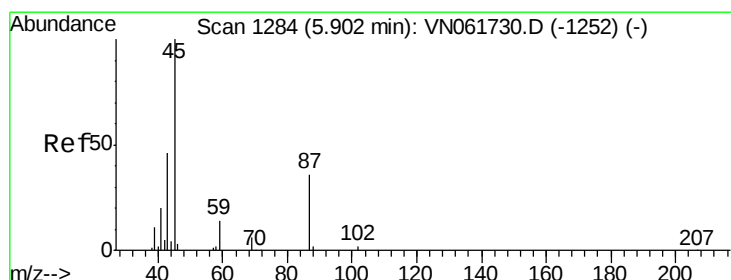
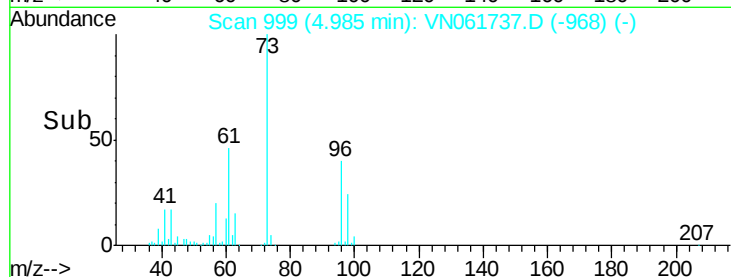
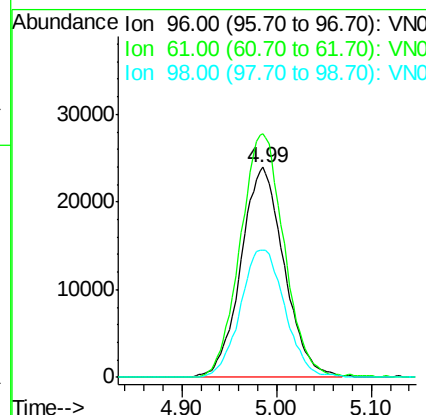
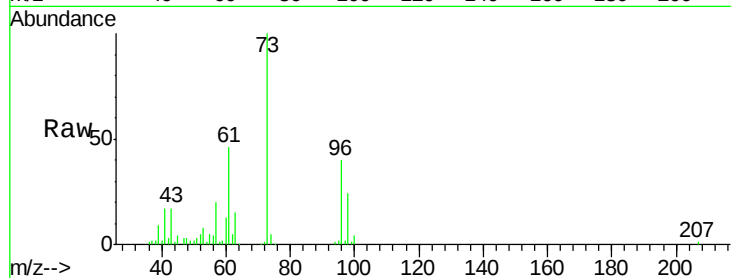
ClientSampled :

VN0610WBSD01

Tot Ion:	96	Resp:	76108
Ion	Ratio	Lower	Upper
96	100		
61	115.8	95.4	143.0
98	60.6	52.6	79.0

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.340 ug/l

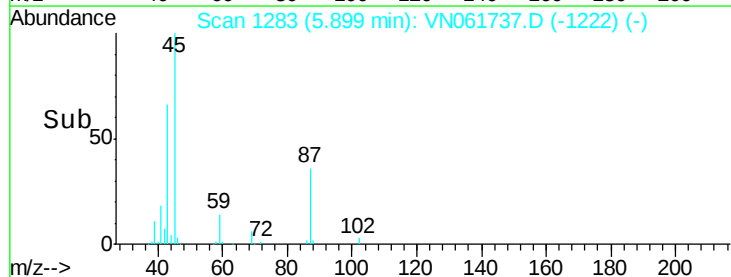
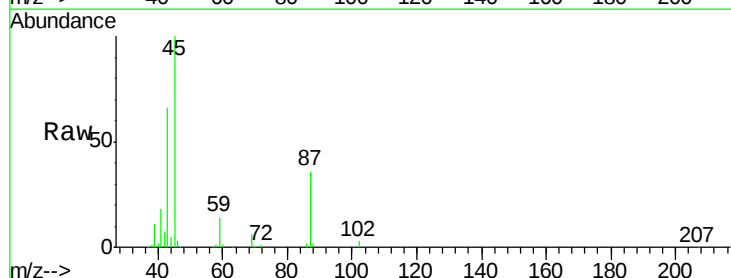
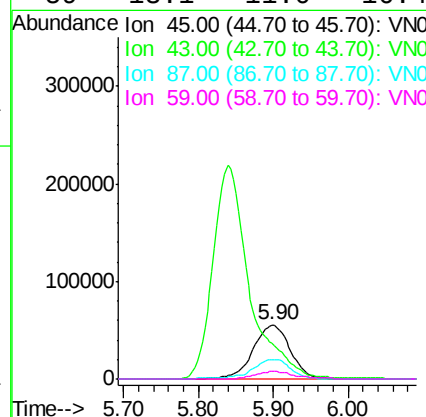
RT: 5.90 min Scan# 1283

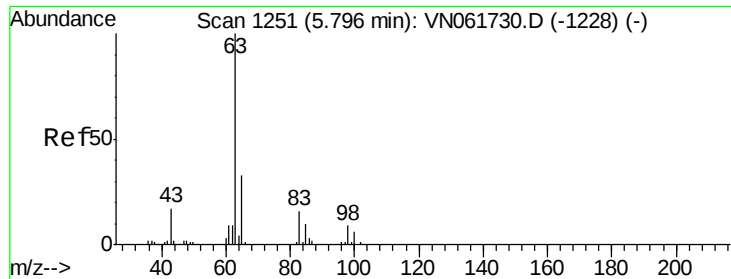
Delta R.T. -0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Tgt Ion:	45	Resp:	190938
Ion	Ratio	Lower	Upper
45	100		
43	63.3	50.7	76.1
87	35.9	30.1	45.1
59	13.1	11.0	16.4





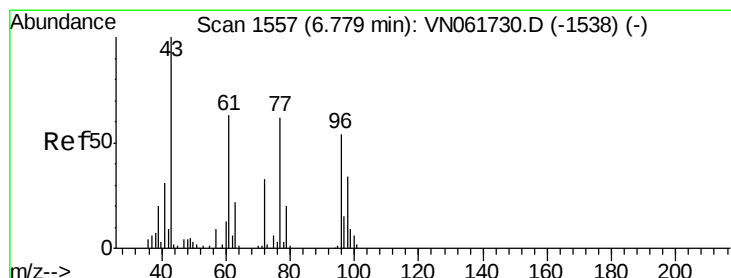
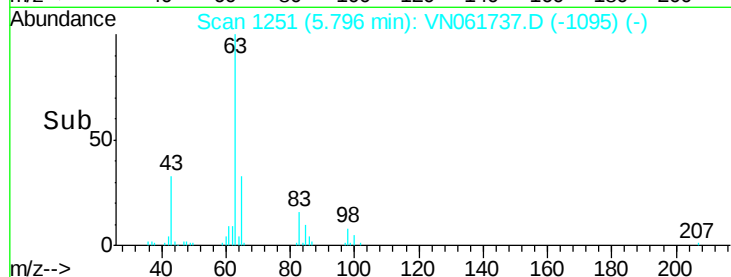
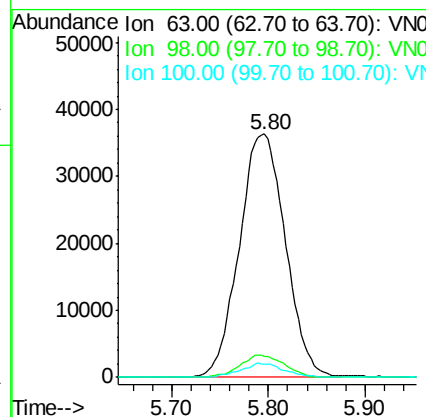
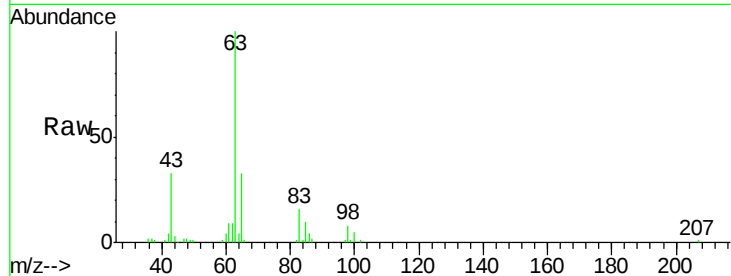
#21
 1,1-Dichloroethane
 Concen: 17.355 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	120139		
98	8.5		4.5	13.7
100	5.3		2.9	8.7

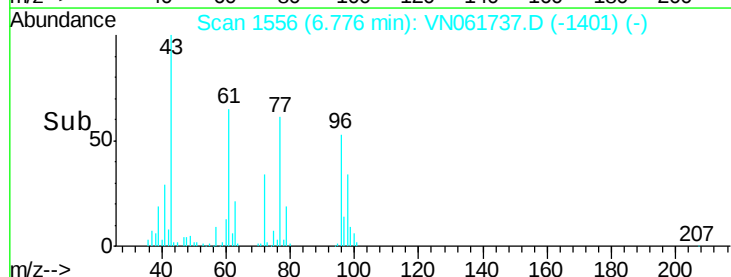
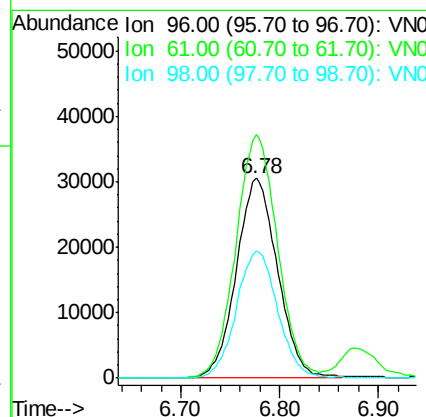
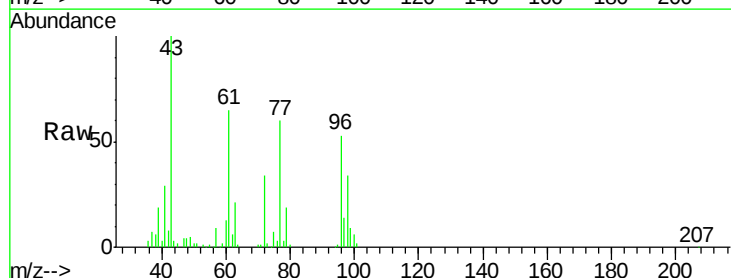
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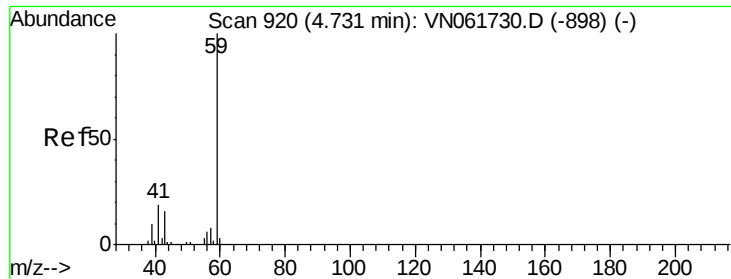
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#22
 cis-1,2-Dichloroethene
 Concen: 17.713 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	88382		
61	123.5		100.6	151.0
98	63.8		52.6	79.0





#23

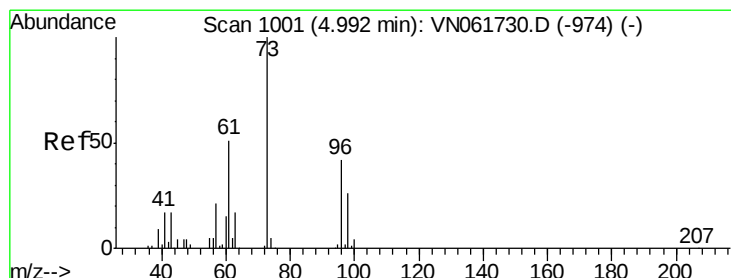
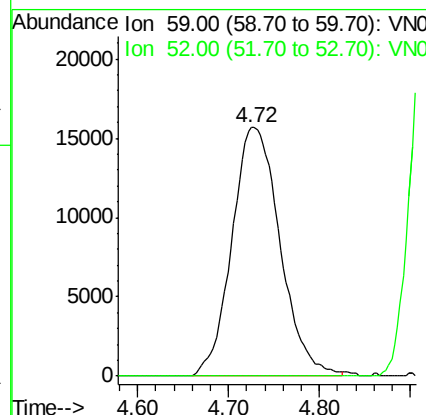
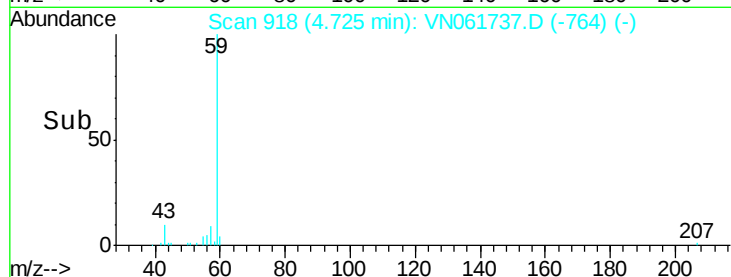
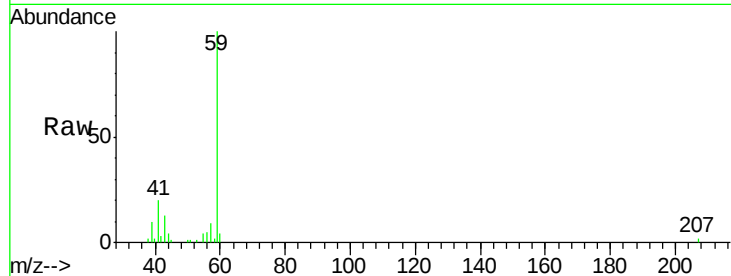
tert-Butyl Alcohol
Concen: 94.942 ug/l
RT: 4.72 min Scan# 918
Delta R.T. -0.01 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

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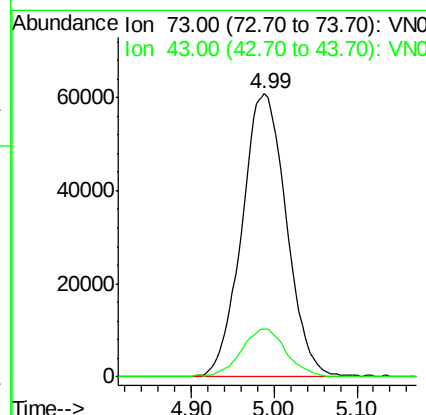
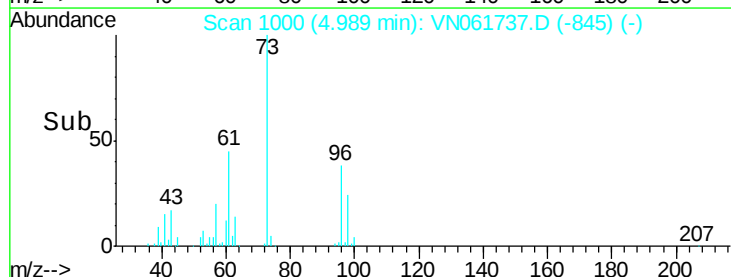
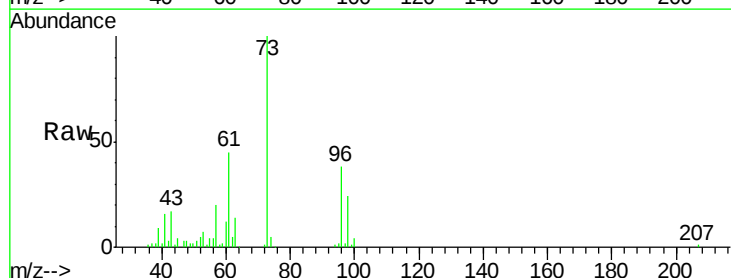
MMDadoda
6/11/2020 12:44:42 PM

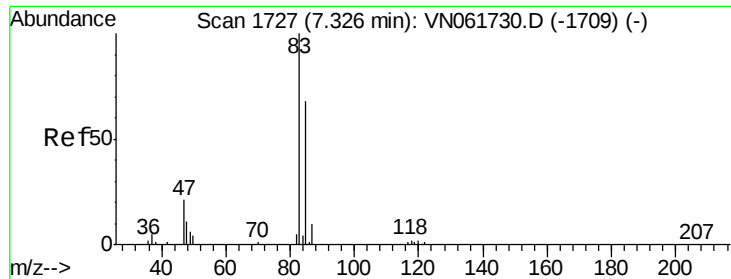


#24

Methyl tert-Butyl Ether
Concen: 18.641 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
73	100		
43	17.0	7.0	10.4#





#25

Chloroform

Concen: 17.467 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBSD01

Tot Ion: 83 Resp: 136977

Ion Ratio Lower Upper

83 100

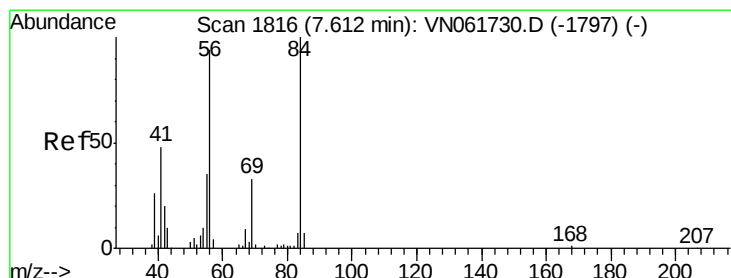
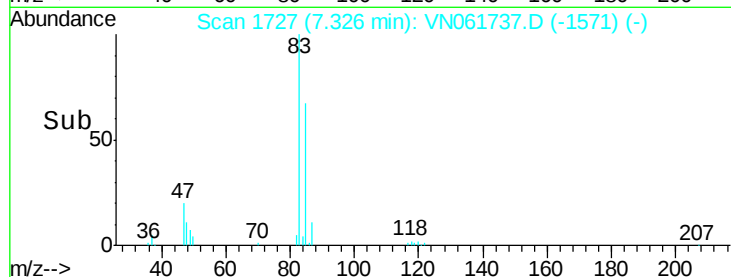
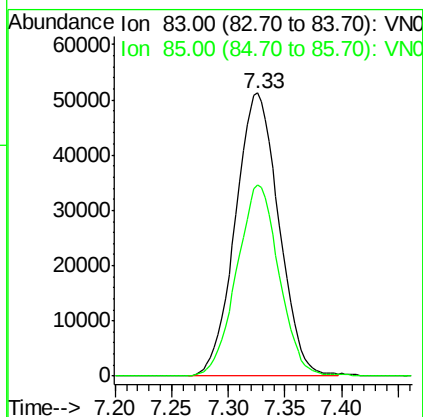
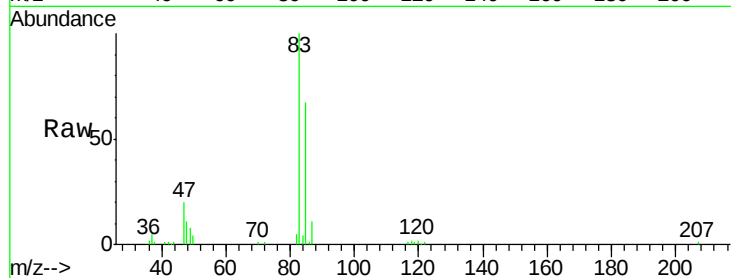
85 67.4 54.2 81.4

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#26

Cyclohexane

Concen: 17.978 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

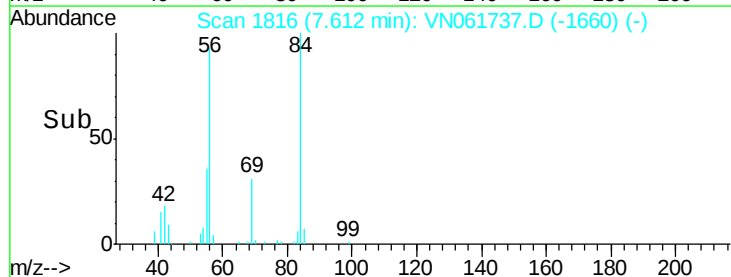
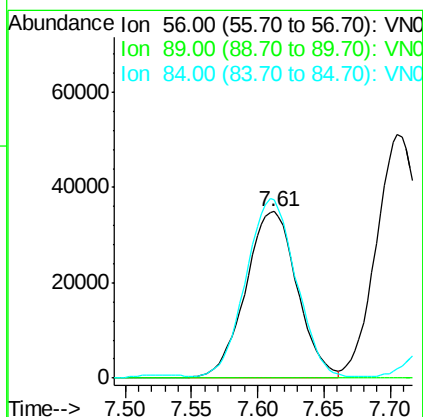
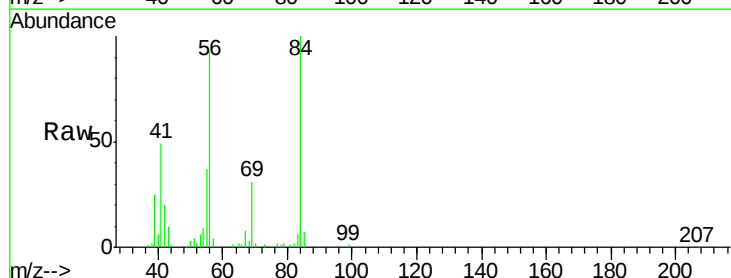
Tgt Ion: 56 Resp: 95030

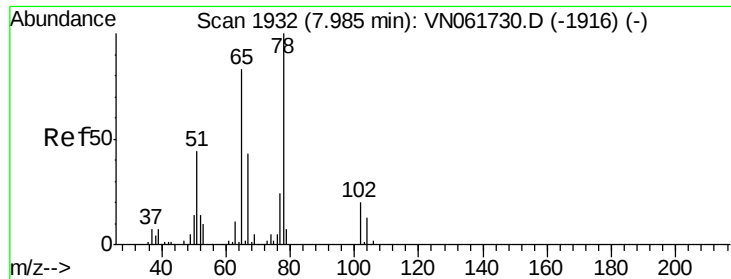
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 105.6 83.5 125.3





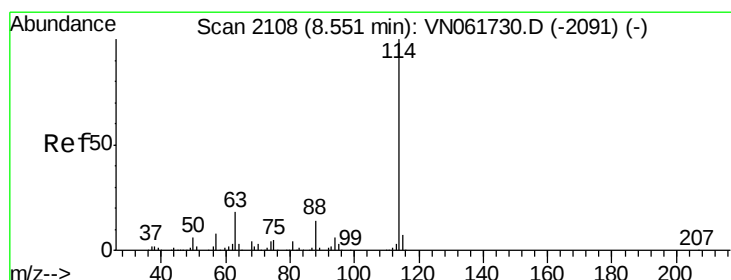
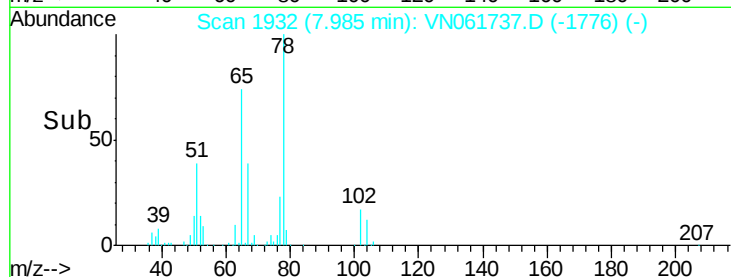
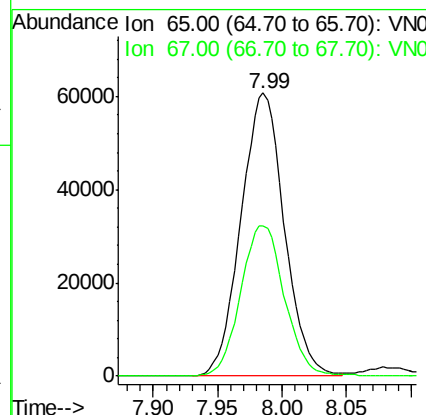
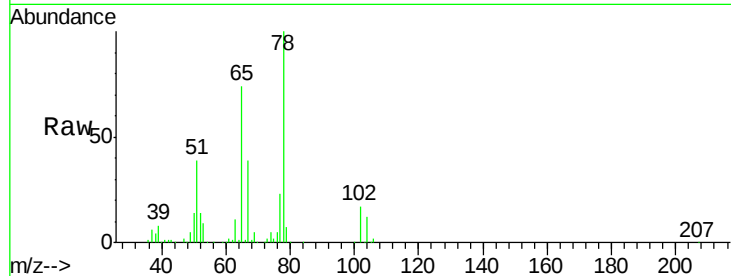
#27
 1,2-Dichloroethane-d4
 Concen: 29.971 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	42.2	63.4

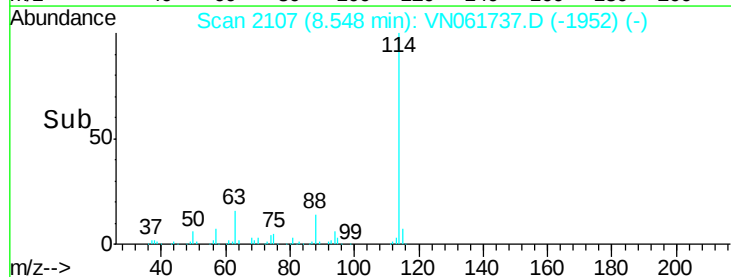
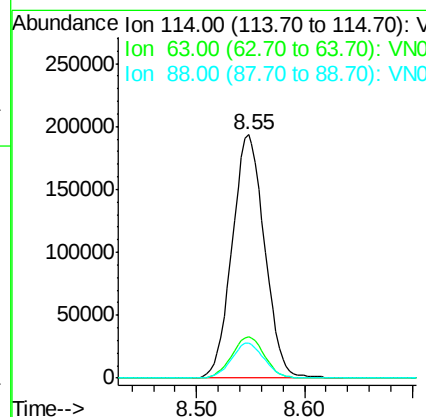
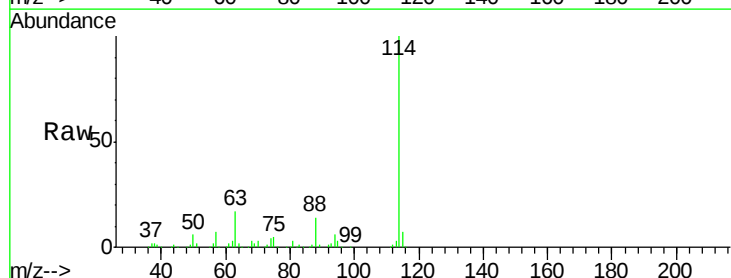
Manual Integrations
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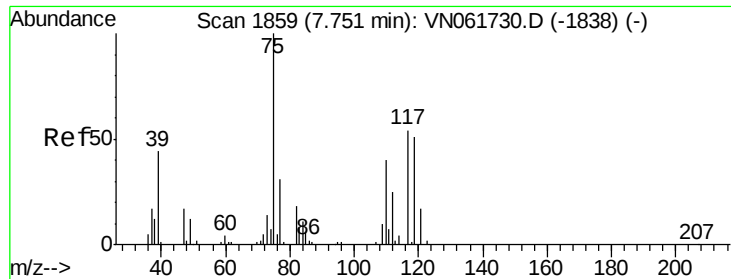
MMDadoda
 6/11/2020 12:44:42 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.1	14.2	21.2
88	14.4	11.4	17.2





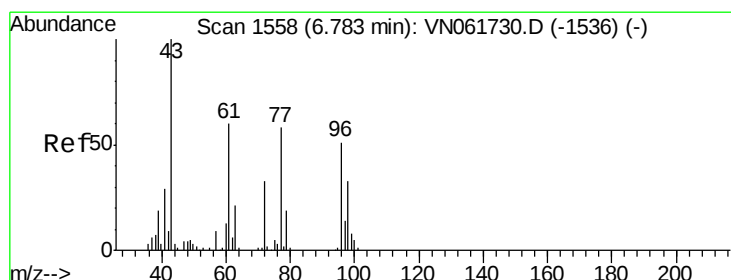
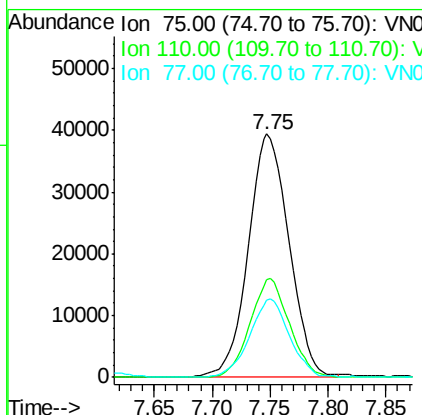
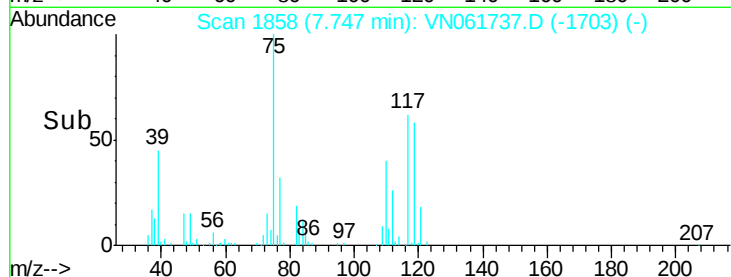
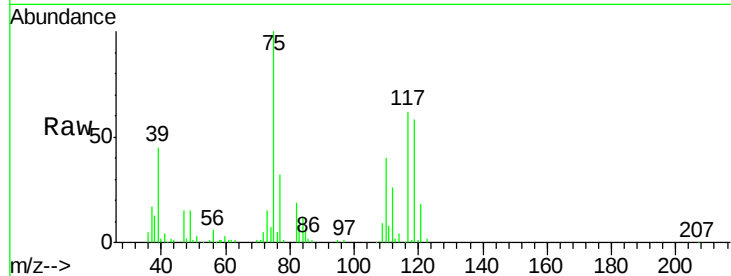
#29
 1,1-Dichloropropene
 Concen: 17.668 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
110	39.1	0.0	78.6
77	31.3	0.0	62.4

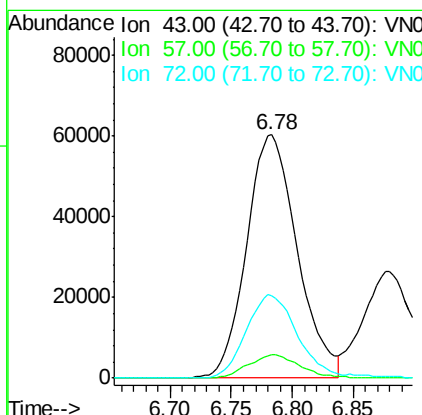
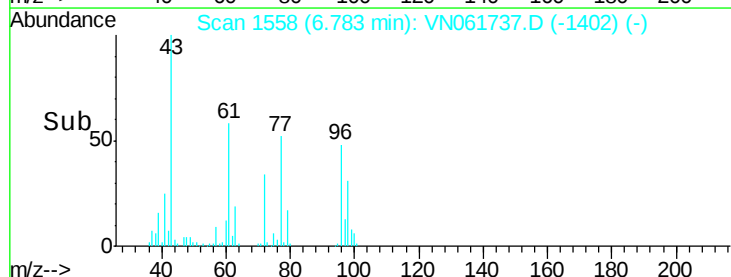
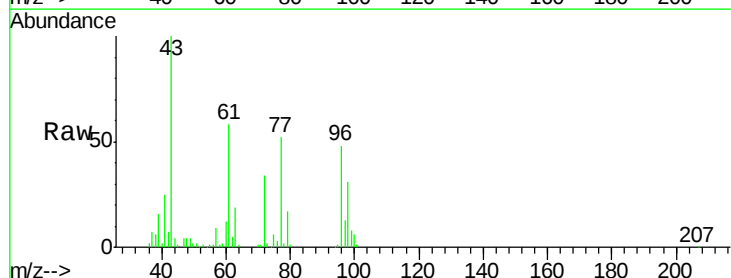
Manual Integrations
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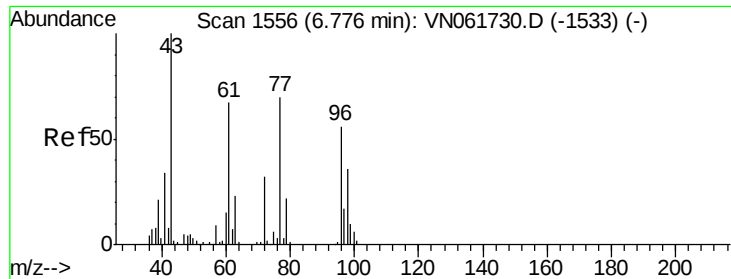
MMDadoda
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#30
 2-Butanone
 Concen: 91.848 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
43	100		
57	9.7	7.6	11.4
72	34.2	27.8	41.6





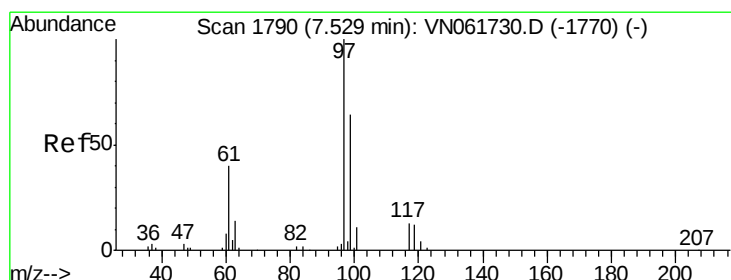
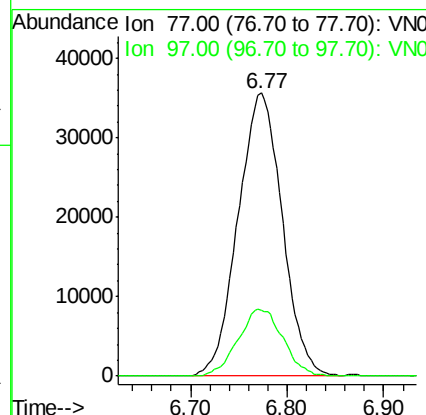
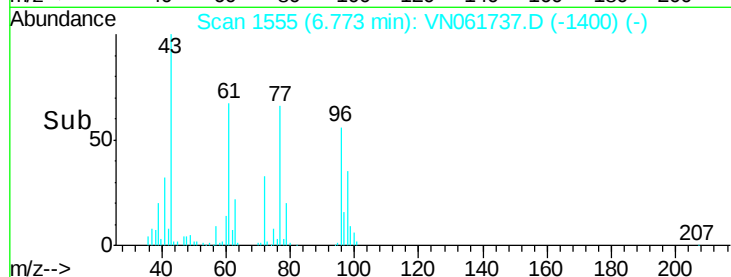
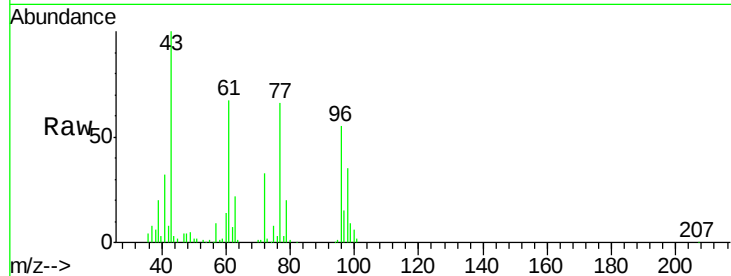
#31
 2,2-Dichloropropane
 Concen: 17.675 ug/l
 RT: 6.77 min Scan# 1555
 Delta R.T. -0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Tot Ion: 77 Resp: 112898
 Ion Ratio Lower Upper
 77 100
 97 23.9 19.6 29.4

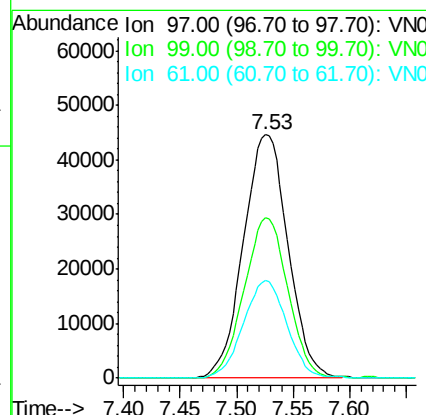
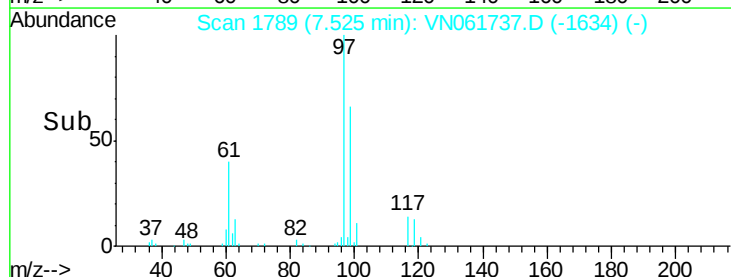
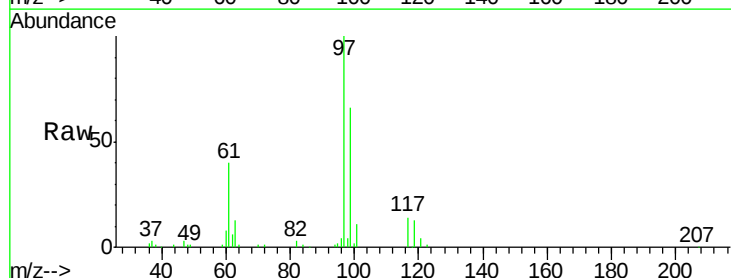
Manual Integrations
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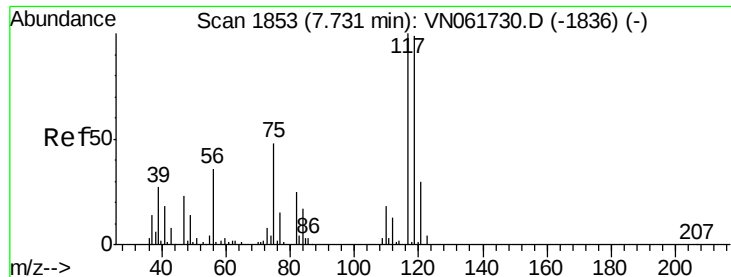
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 17.574 ug/l
 RT: 7.53 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion: 97 Resp: 122422
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.9 77.9
 61 38.9 32.3 48.5





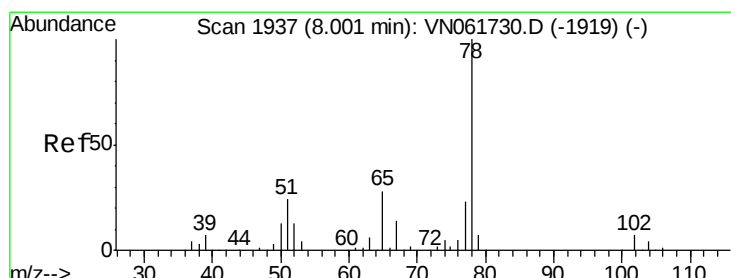
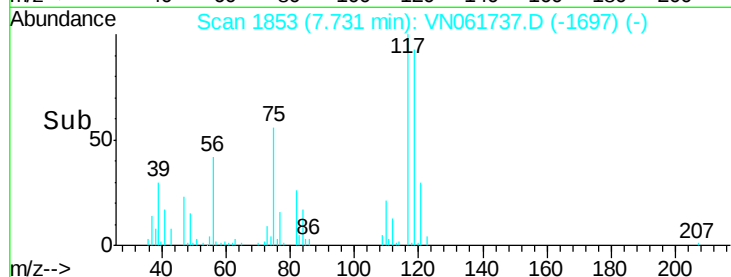
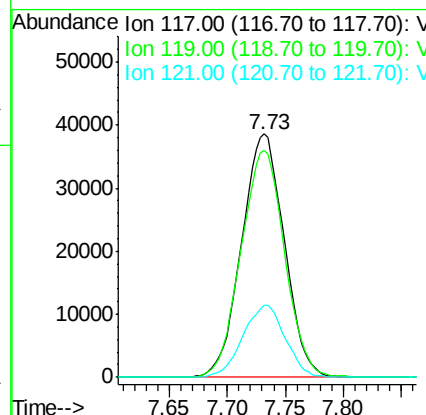
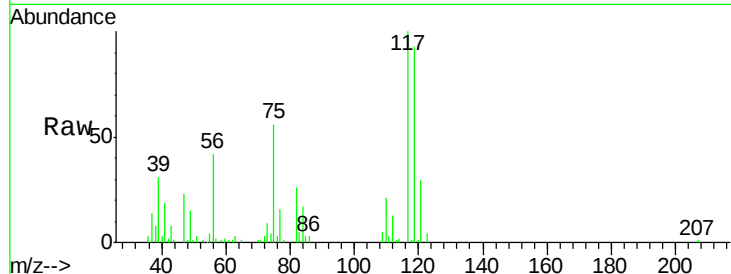
#33
Carbon Tetrachloride
Concen: 17.456 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.2	79.3	118.9
121	29.5	24.2	36.4

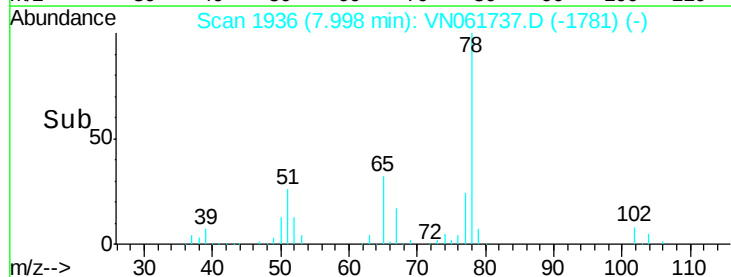
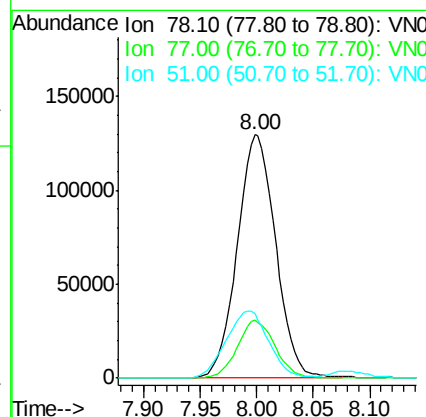
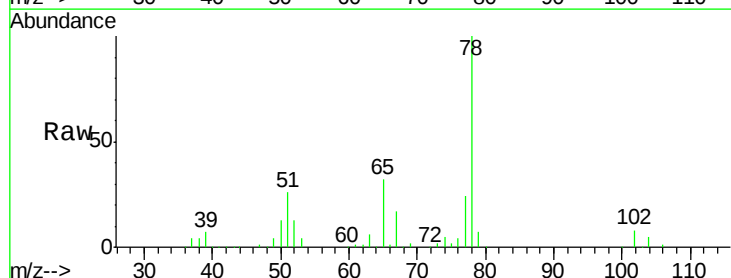
Manual Integrations
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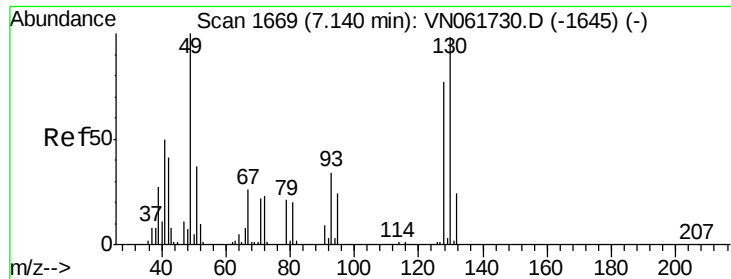
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#34
Benzene
Concen: 17.987 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.4	27.6
51	25.8	19.1	28.7





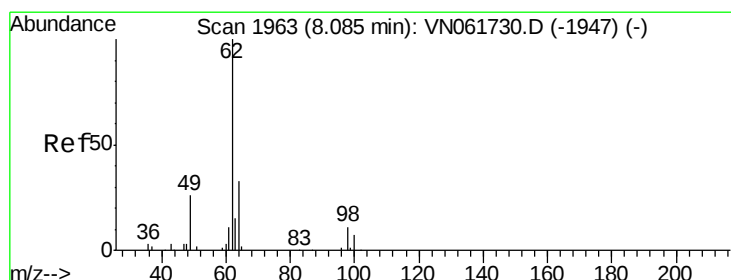
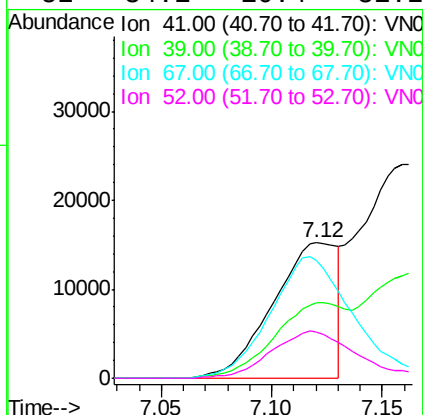
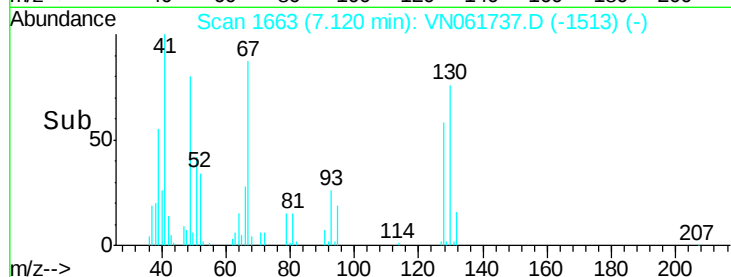
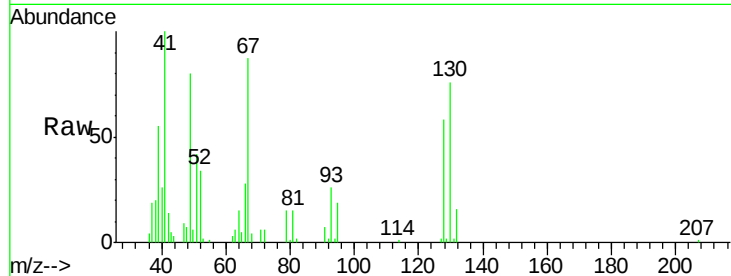
#35
Methacrylonitrile
Concen: 17.658 ug/l
RT: 7.12 min Scan# 1663
Delta R.T. -0.02 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.4	26.5	79.5
67	86.9	25.4	76.2#
52	34.1	10.4	31.2#

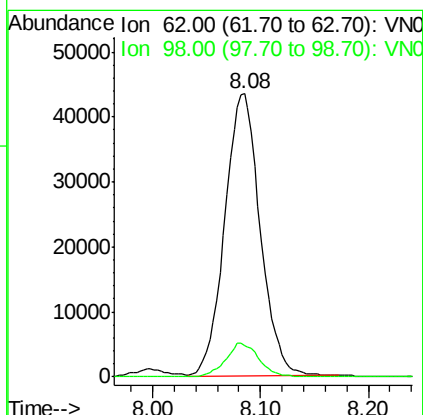
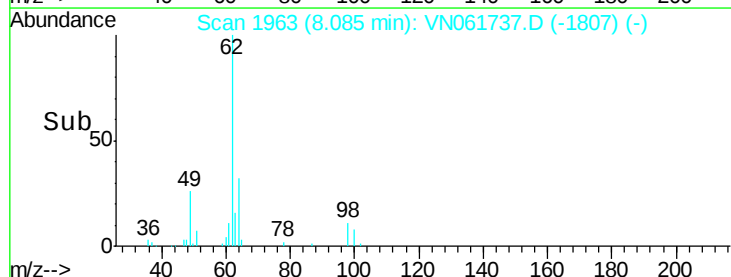
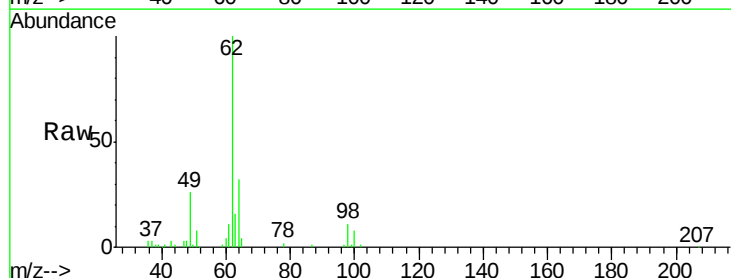
Manual Integrations
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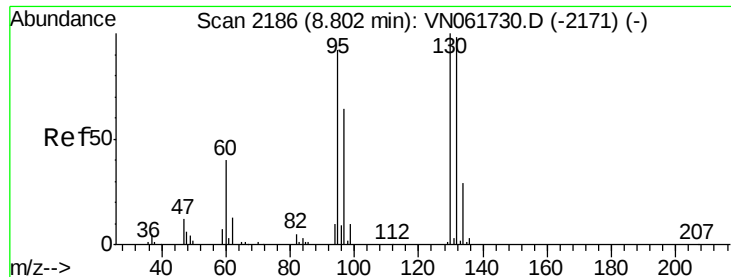
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#36
1,2-Dichloroethane
Concen: 18.103 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	9.4	14.2





#37

Trichloroethene

Concen: 17.616 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBSD01

Tot Ion:130 Resp: 93446

Ion Ratio Lower Upper

130 100

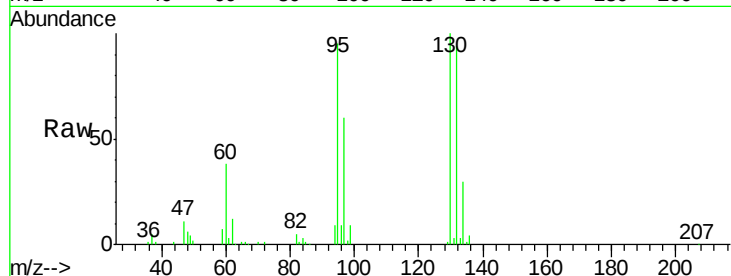
95 94.2 73.9 110.9

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN

8.80

50000

40000

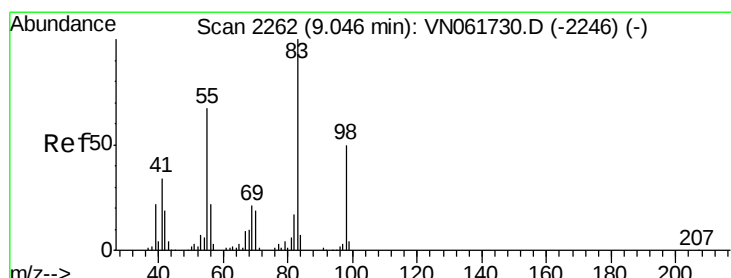
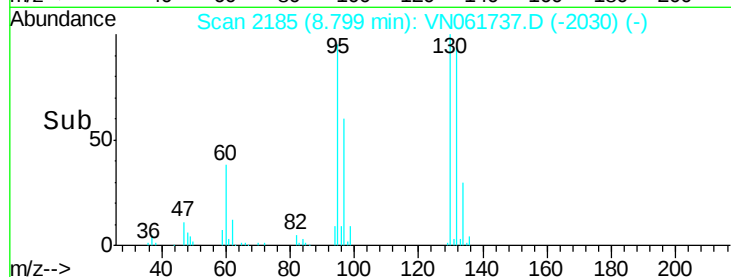
30000

20000

10000

0

Time--> 8.70 8.75 8.80 8.85 8.90



#38

Methylcyclohexane

Concen: 18.489 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

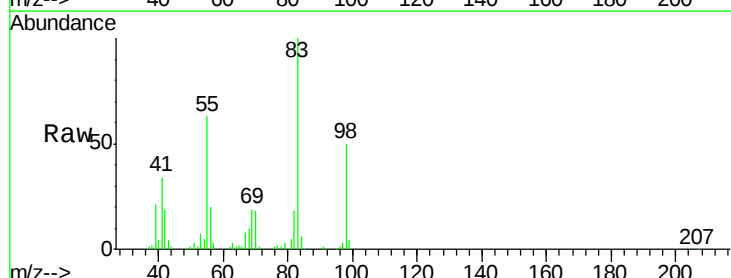
Tgt Ion: 83 Resp: 112902

Ion Ratio Lower Upper

83 100

55 65.5 32.7 98.1

98 51.1 25.4 76.4



Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

9.05

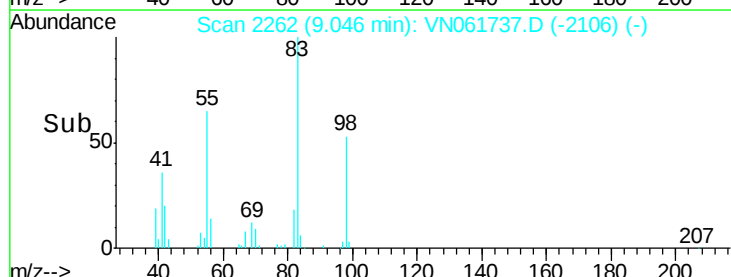
60000

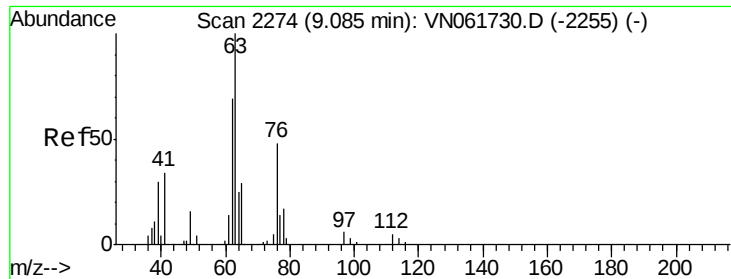
40000

20000

0

Time--> 8.95 9.00 9.05 9.10





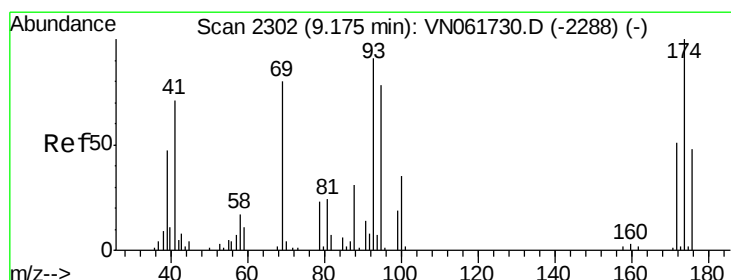
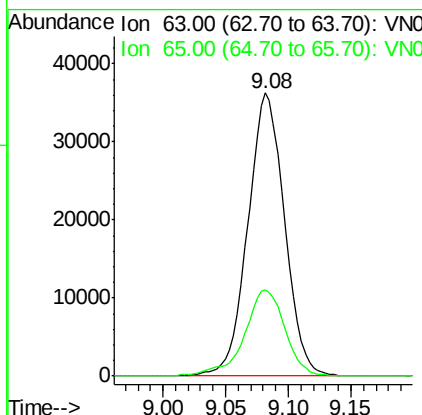
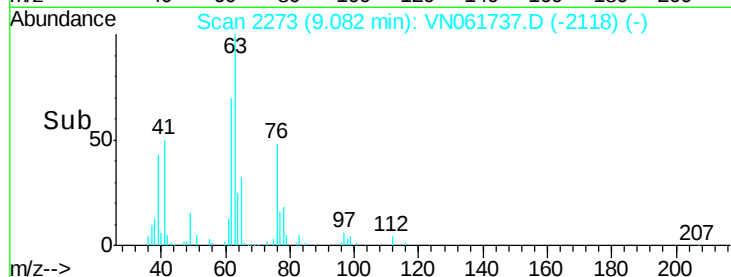
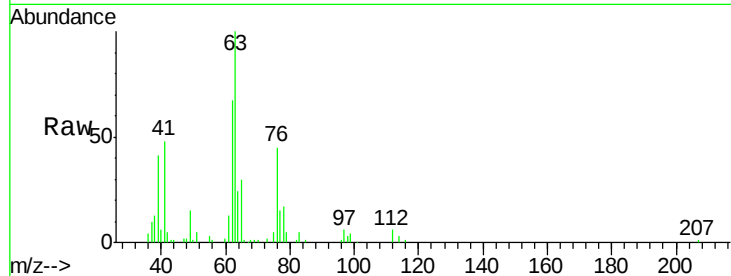
#39
 1,2-Dichloropropane
 Concen: 18.119 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Tot Ion: 63 Resp: 73808
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.3 36.5

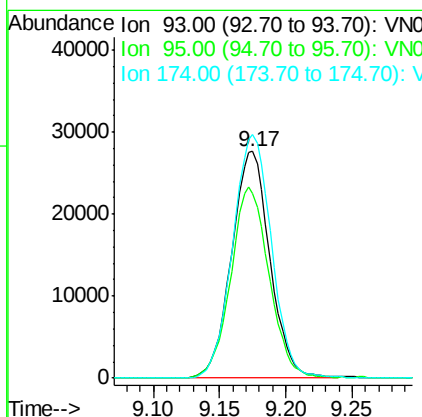
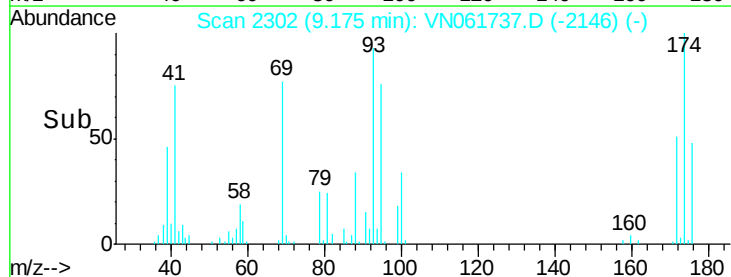
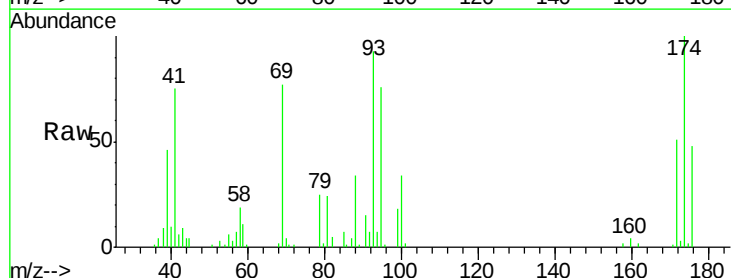
Manual Integrations
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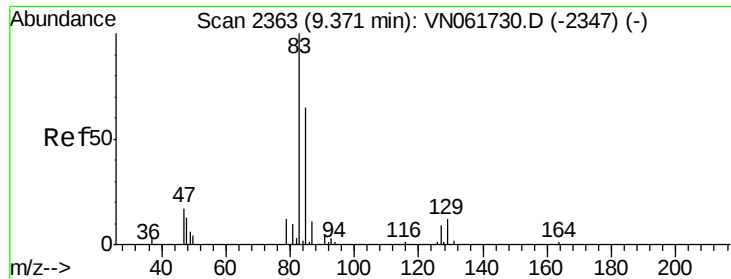
MMDadoda
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#40
 Dibromomethane
 Concen: 18.228 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion: 93 Resp: 55692
 Ion Ratio Lower Upper
 93 100
 95 83.8 0.0 165.8
 174 108.3 0.0 217.8





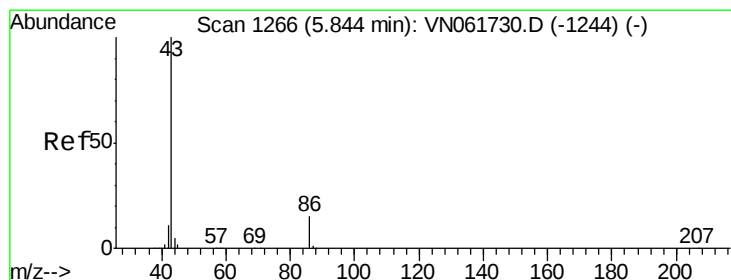
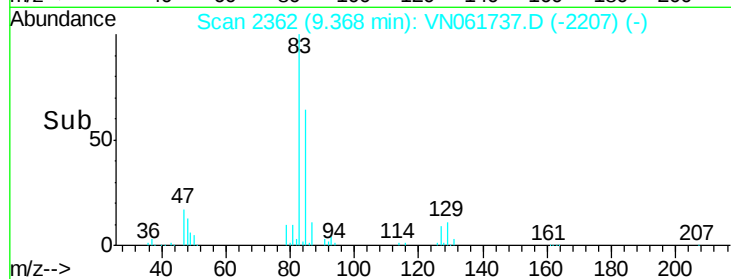
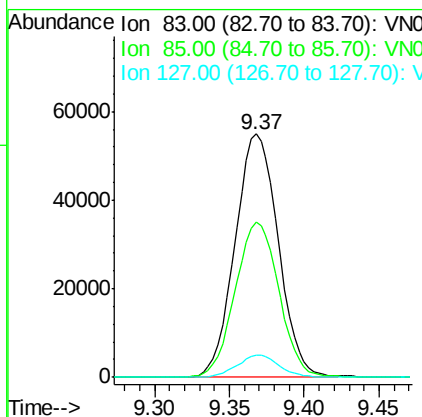
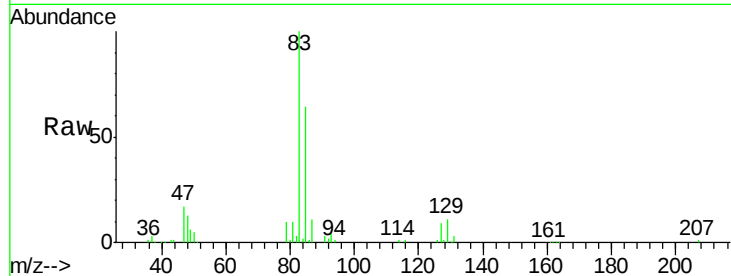
#41
Bromodichloromethane
Concen: 17.812 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.2	78.4
127	9.1	7.2	10.8

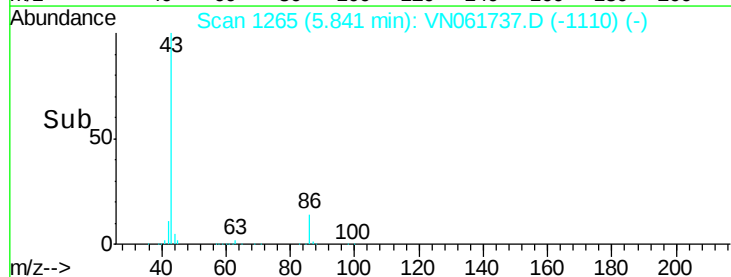
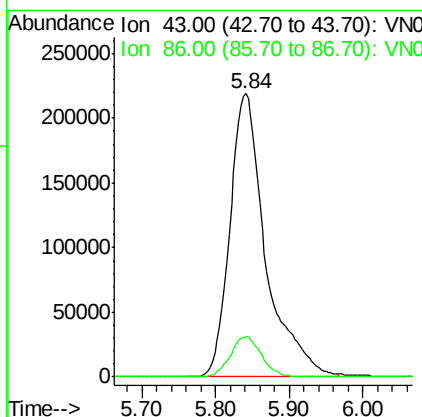
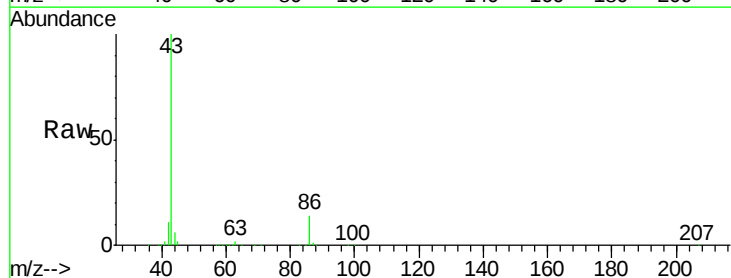
Manual Integrations
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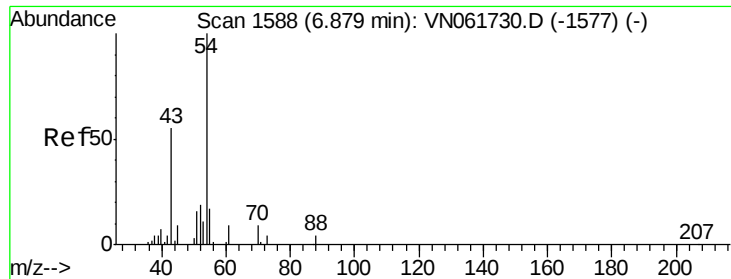
MMDadoda
6/11/2020 12:44:42 PM



#42
Vinyl Acetate
Concen: 94.801 ug/l
RT: 5.84 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
43	100		
86	12.5	10.0	15.0





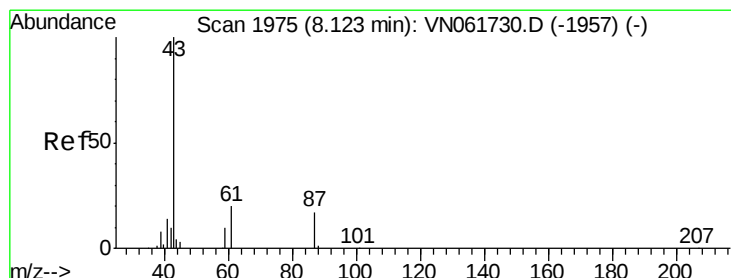
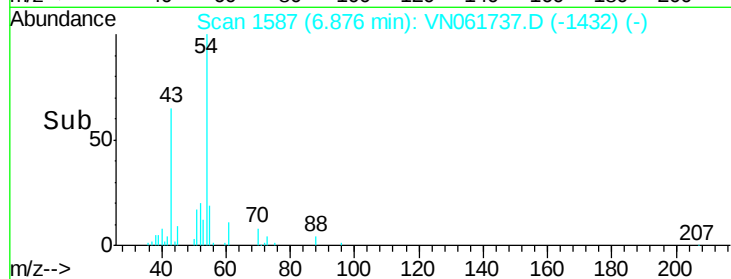
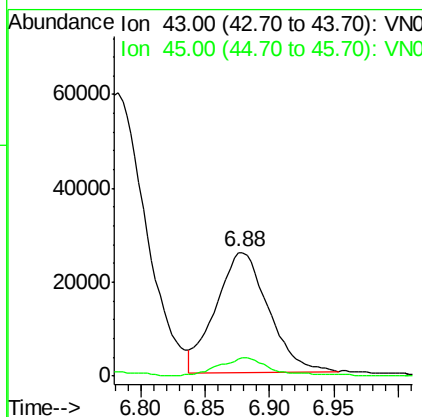
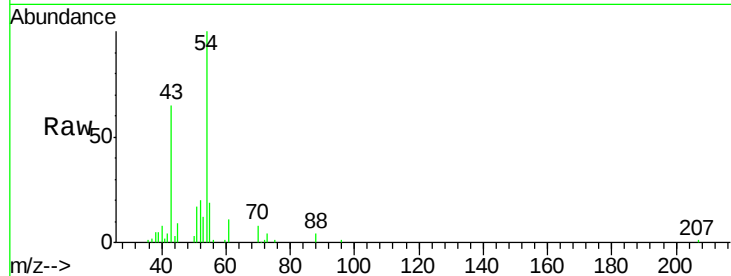
#43
Ethyl Acetate
Concen: 18.945 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	43	Resp	72705
Ion Ratio	100	Lower	Upper
45	13.3	11.4	17.2

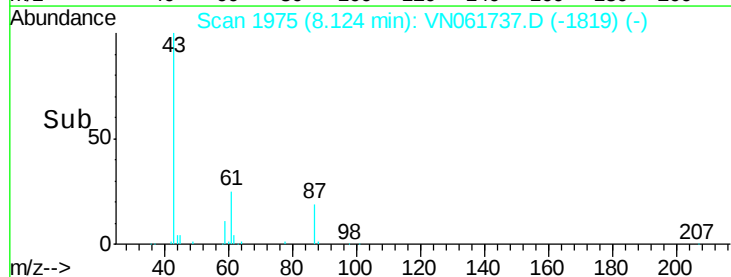
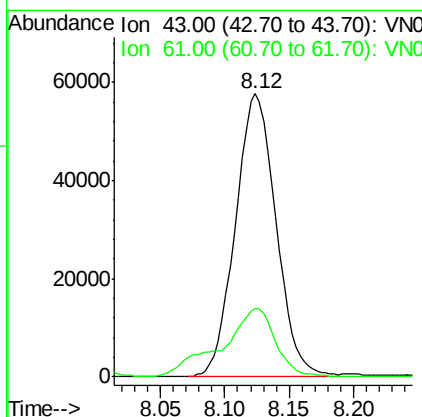
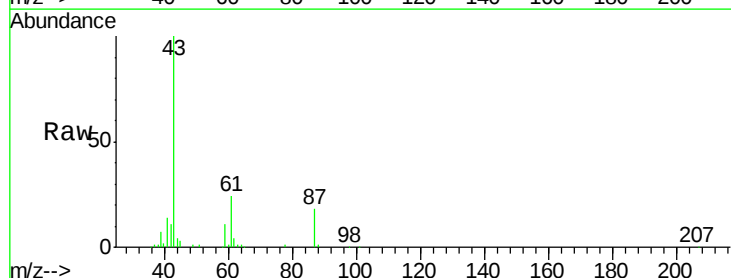
Manual Integrations
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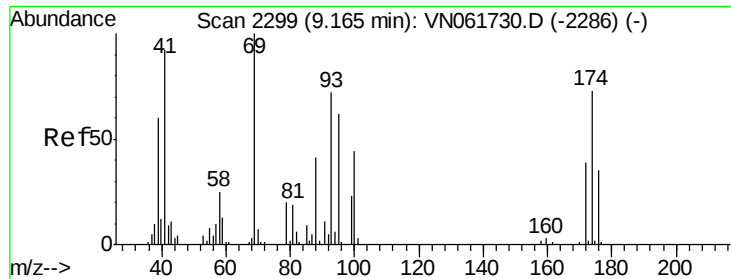
MMDadoda
6/11/2020 12:44:42 PM



#44
Isopropyl Acetate
Concen: 18.271 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	43	Resp	126866
Ion Ratio	100	Lower	Upper
61	32.4	18.9	28.3#





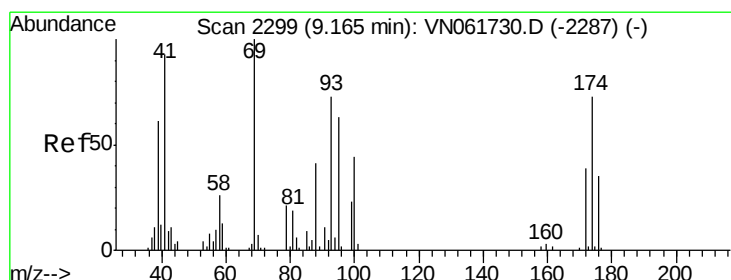
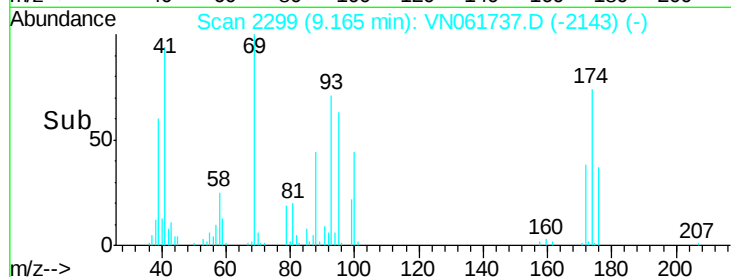
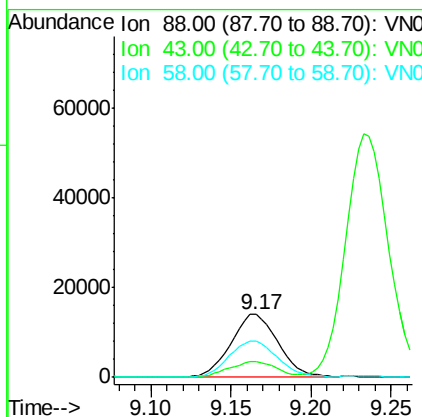
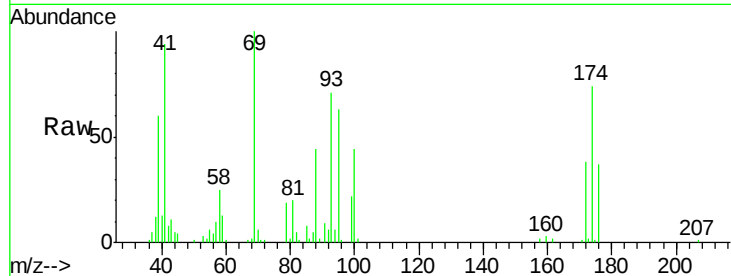
#45
 1,4-Dioxane
 Concen: 399.201 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampled :
 VN0610WBSD01

Tot Ion	88	Resp	28329
Ion	Ratio	Lower	Upper
88	100		
43	25.7	21.8	32.8
58	59.6	48.4	72.6

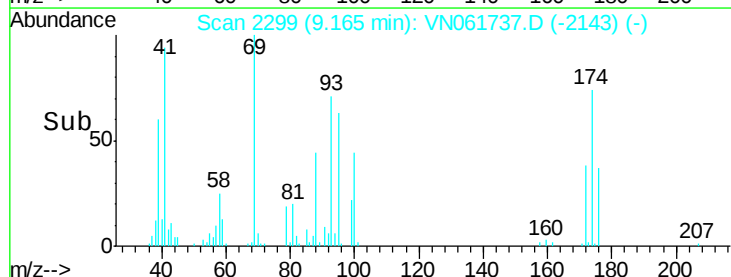
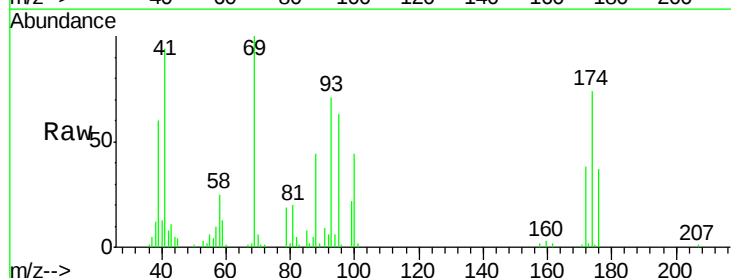
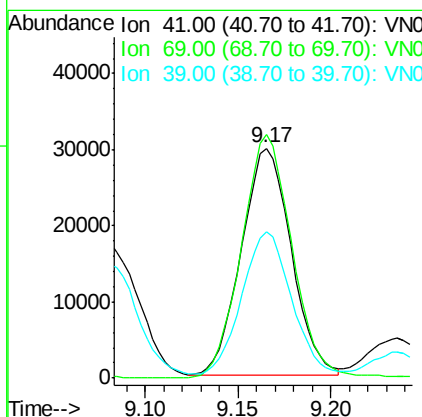
Manual Integrations
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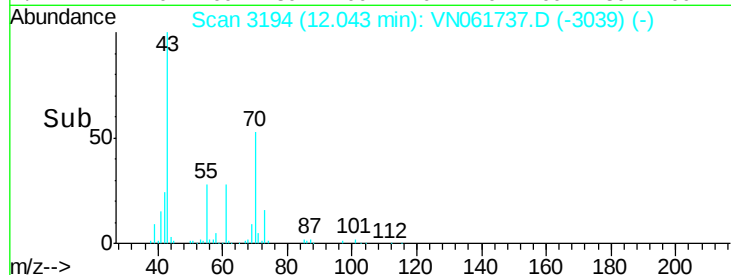
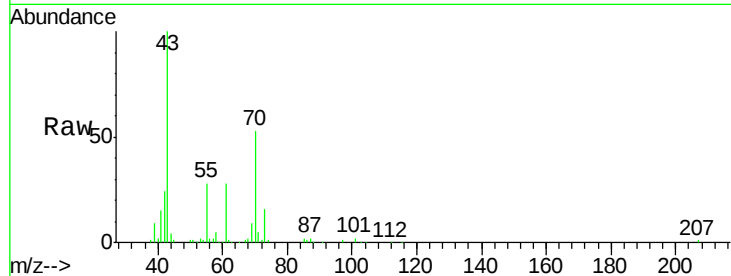
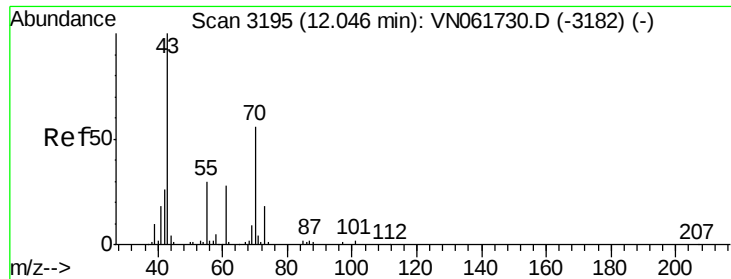
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 6/11/2020 12:44:42 PM



#46
 Methyl methacrylate
 Concen: 18.470 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion	41	Resp	55638
Ion	Ratio	Lower	Upper
41	100		
69	107.7	53.8	161.4
39	62.8	33.0	98.9





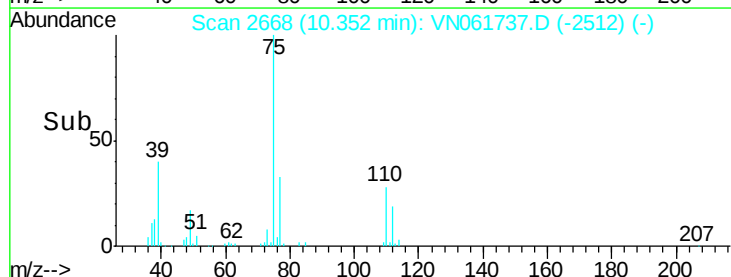
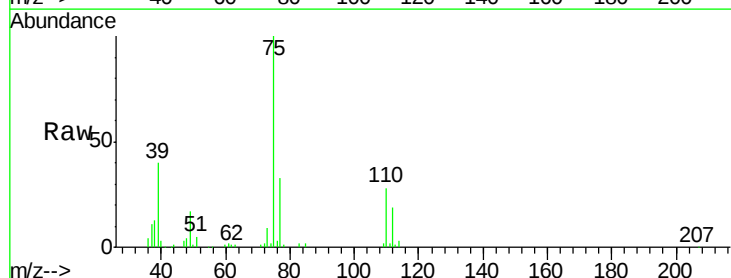
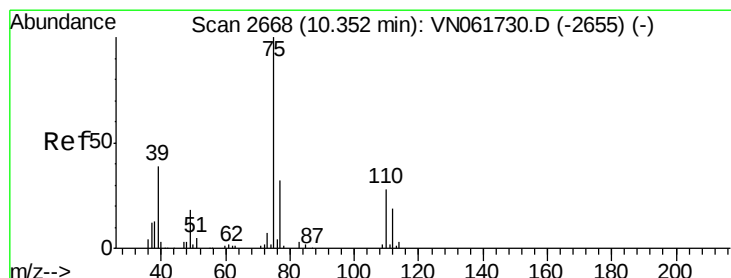
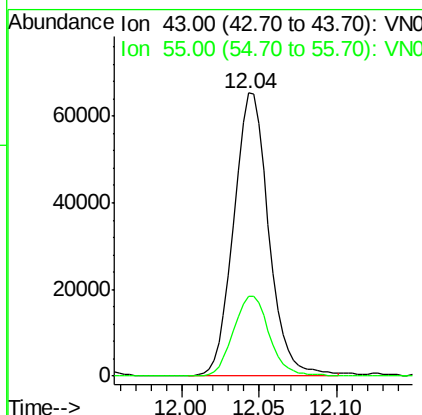
#47
n-amvl Acetate
Concen: 17.353 ug/l
RT: 12.04 min Scan# 3194
Delta R.T. -0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tot Ion: 43 Resp: 102098
Ion Ratio Lower Upper
43 100
55 29.3 22.7 34.1

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

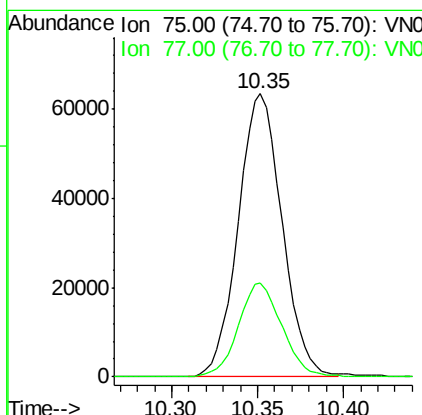
Manual Integrations
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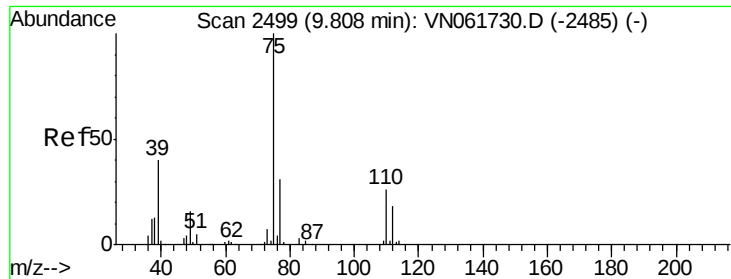
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#48
t-1,3-Dichloropropene
Concen: 17.399 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion: 75 Resp: 112461
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2





#49

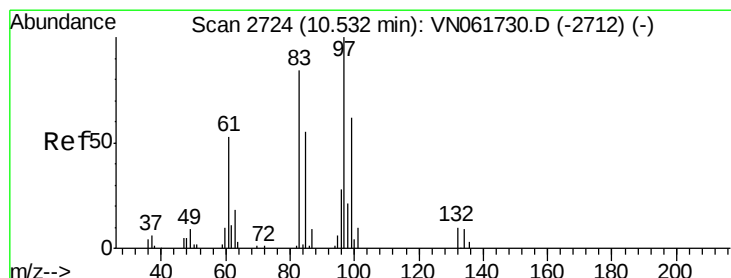
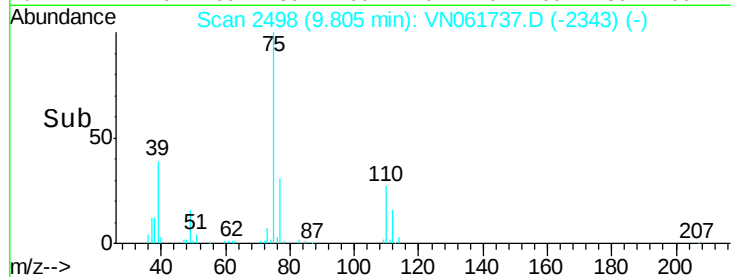
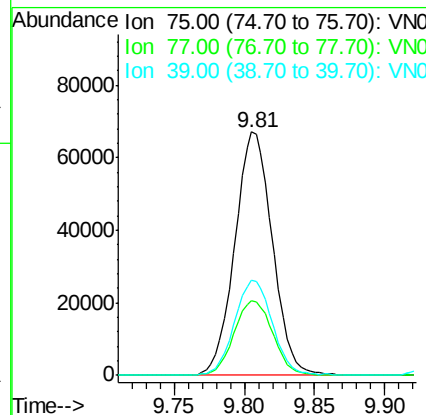
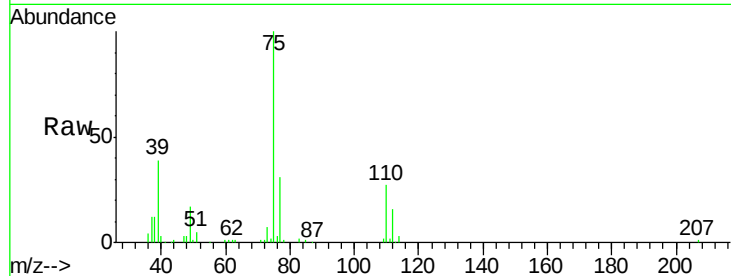
cis-1,3-Dichloropropene
 Concen: 17.718 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	24.8	37.2
39	39.0	31.8	47.6

Manual Integrations
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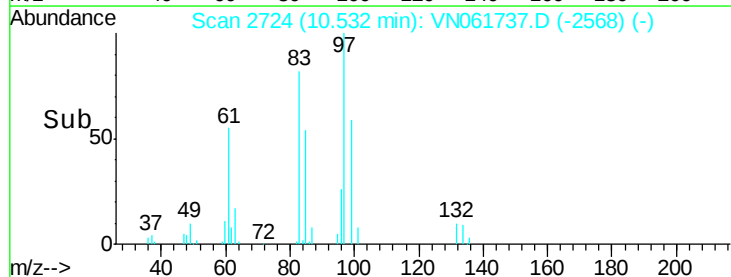
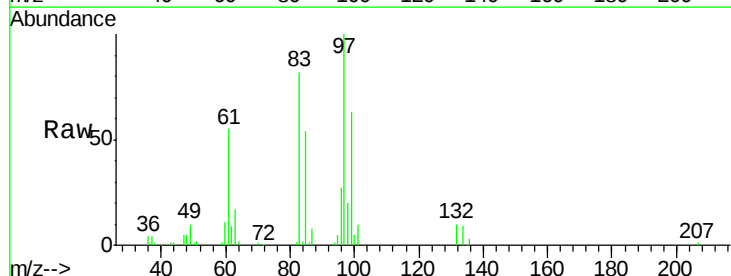
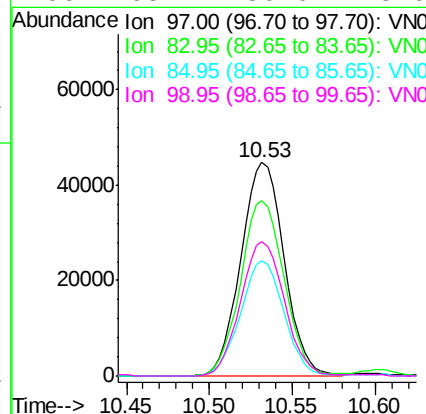
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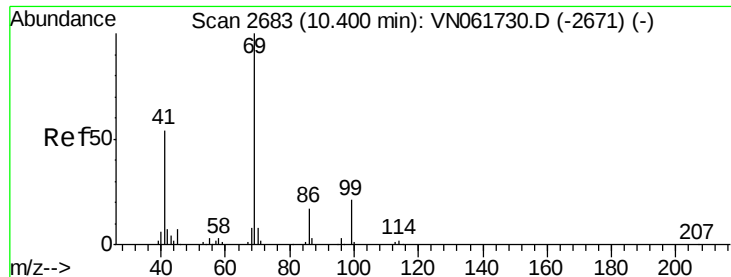


#50

1,1,2-Trichloroethane
 Concen: 18.309 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	67.6	101.4
85	54.1	44.0	66.0
99	63.1	50.0	75.0





#51

Ethyl methacrylate

Concen: 17.936 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

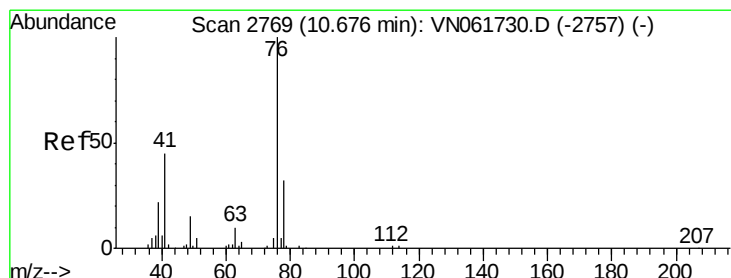
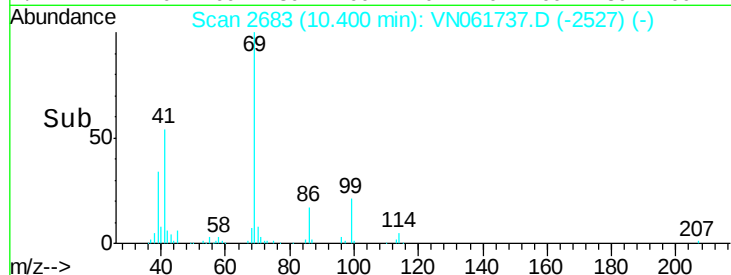
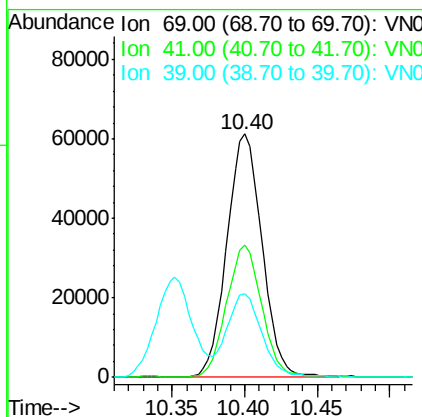
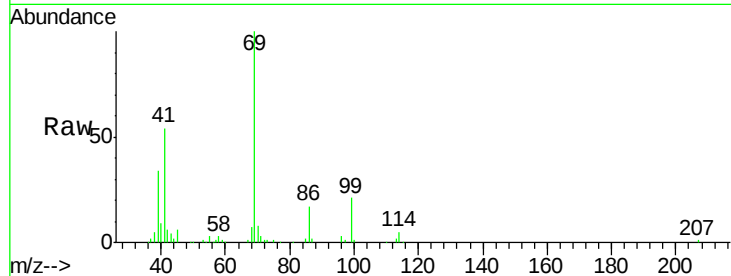
ClientSampleId :

VN0610WBSD01

Tot Ion:	69	Resp:	103466
Ion	Ratio	Lower	Upper
69	100		
41	54.1	26.9	80.7
39	34.1	16.7	50.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.257 ug/l

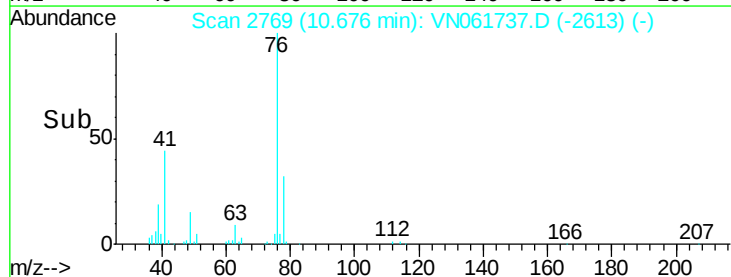
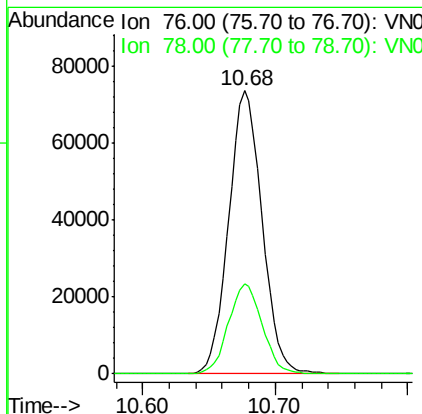
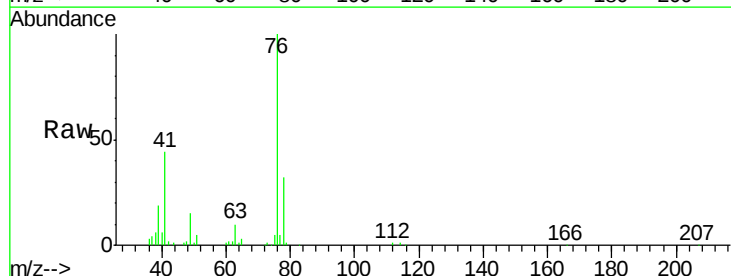
RT: 10.68 min Scan# 2769

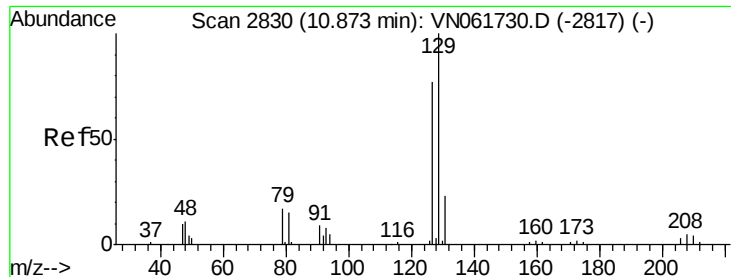
Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Tgt Ion:	76	Resp:	129095
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	65.8





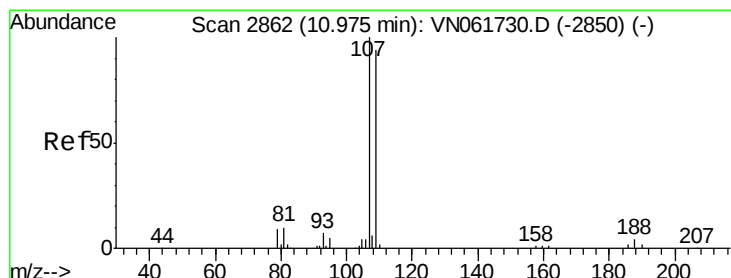
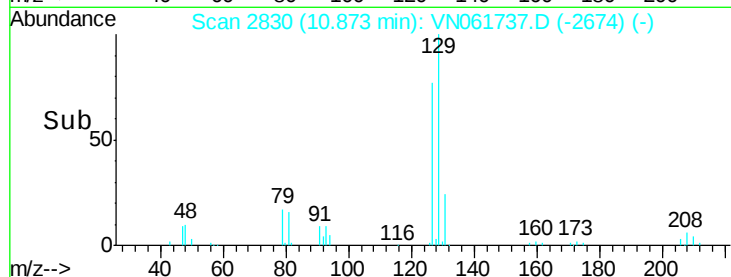
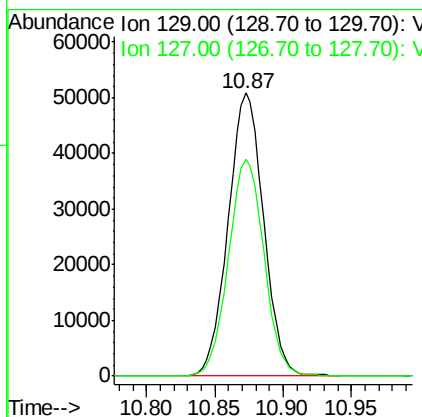
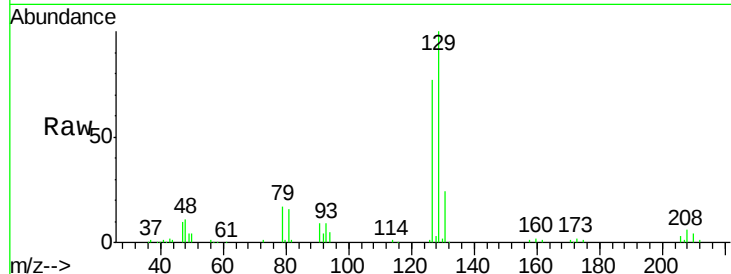
#53
 Dibromochloromethane
 Concen: 17.563 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
129	100			
127	76.9	38.6	116.0	

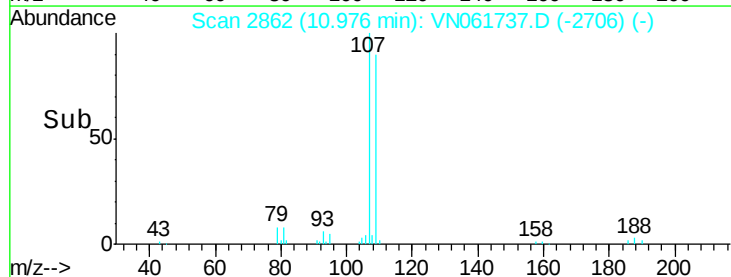
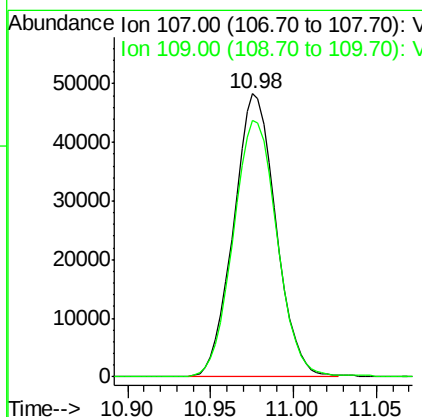
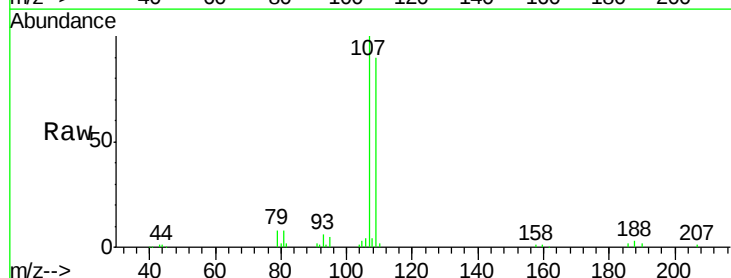
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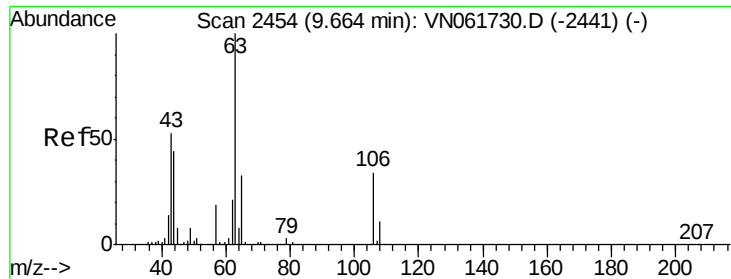
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 6/11/2020 12:44:42 PM



#54
 1,2-Dibromoethane
 Concen: 18.421 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
109	94.0	76.6	114.8	





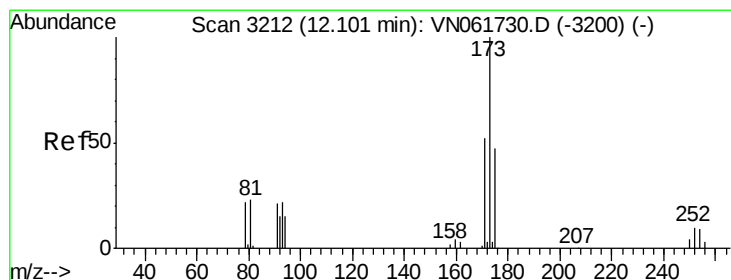
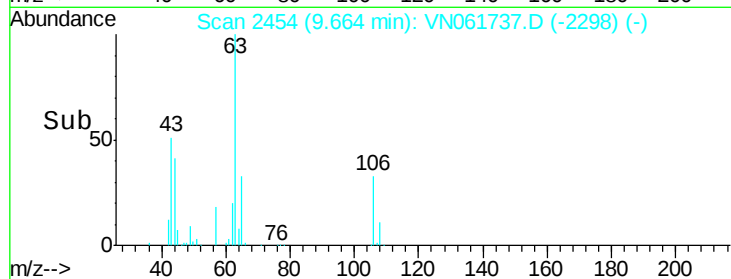
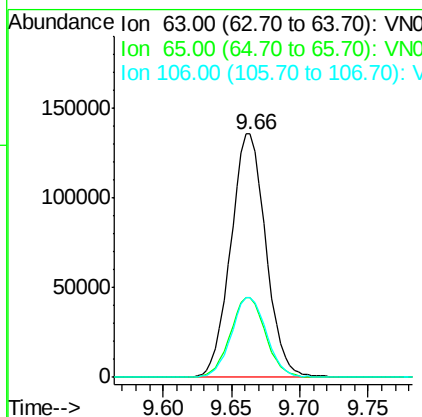
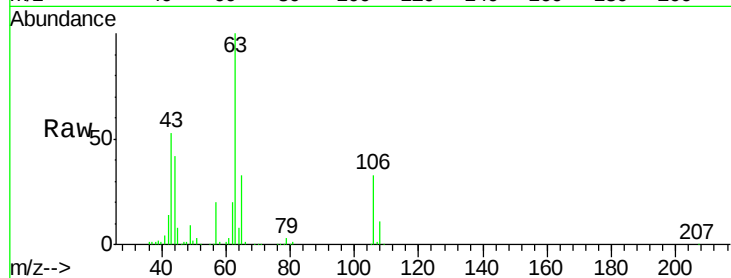
#55
2-Chloroethyl vinyl ether
Concen: 111.036 ug/l
RT: 9.66 min Scan# 2454
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampled :
VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.9	25.8	38.8
106	32.6	26.5	39.7

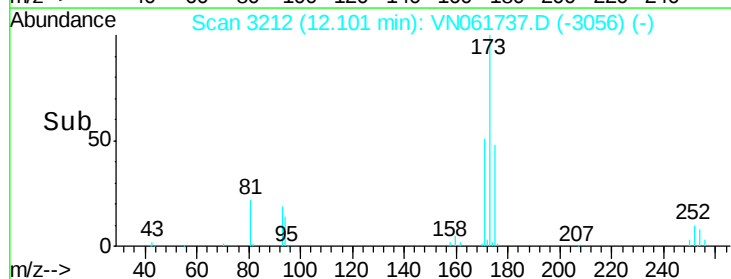
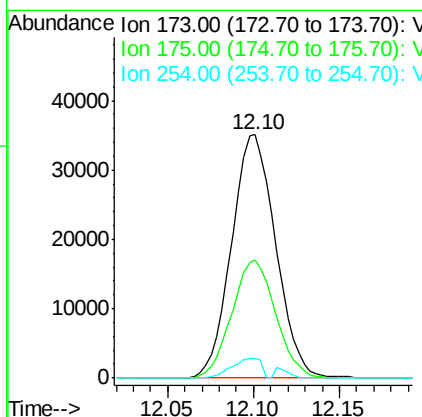
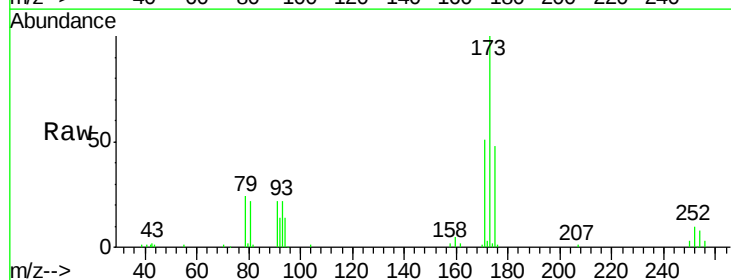
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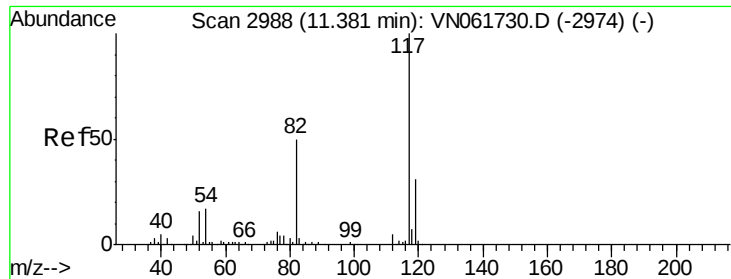
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#56
Bromoform
Concen: 17.117 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	37.5	56.3
254	5.5	6.9	10.3





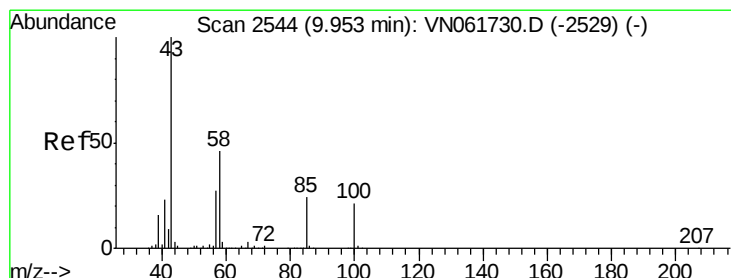
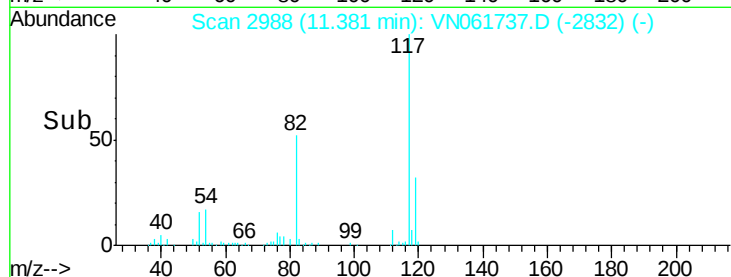
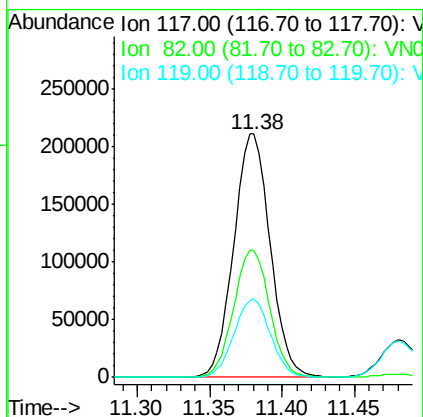
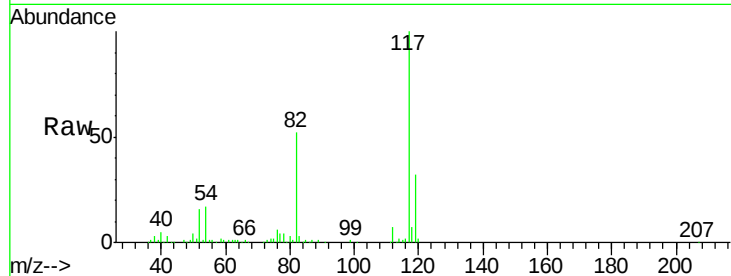
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	368704		
82	51.7		40.6	60.8
119	32.1		25.4	38.2

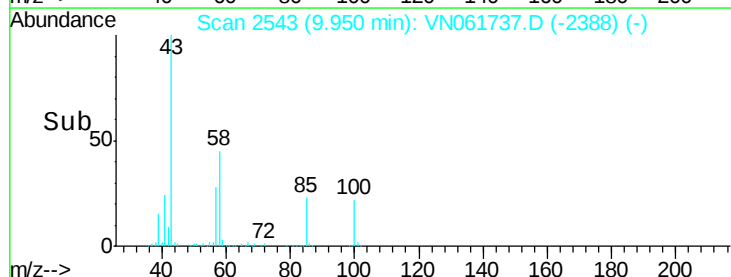
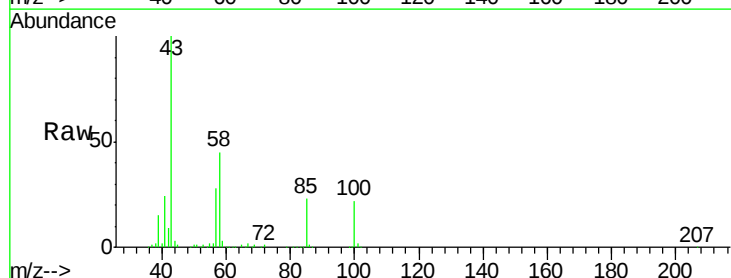
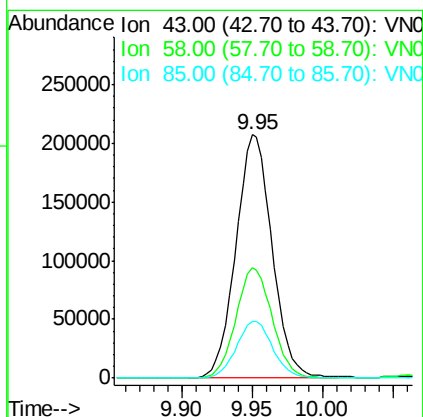
Manual Integrations
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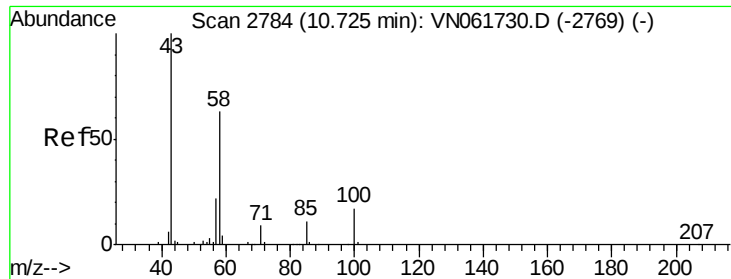
MMDadoda
6/11/2020 12:44:42 PM



#58
4-Methyl-2-Pentanone
Concen: 97.785 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	372872		
58	45.5		36.6	54.8
85	23.4		19.0	28.6





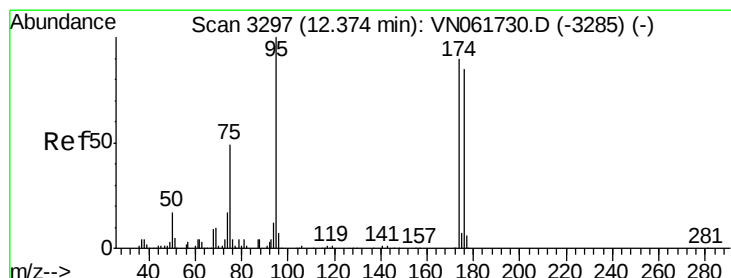
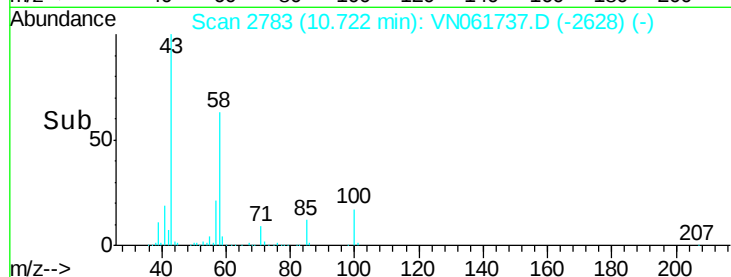
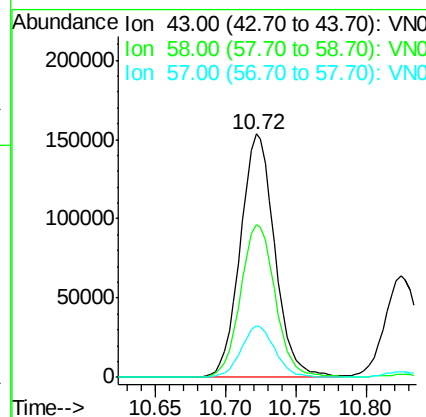
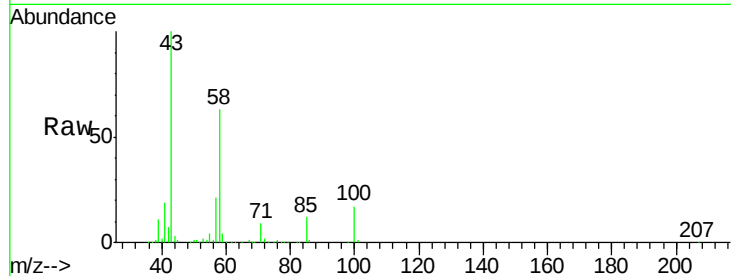
#59
2-Hexanone
Concen: 95.285 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	63.2	50.4	75.6
57	20.8	17.2	25.8

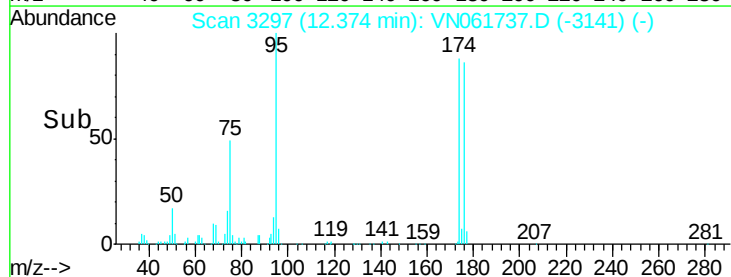
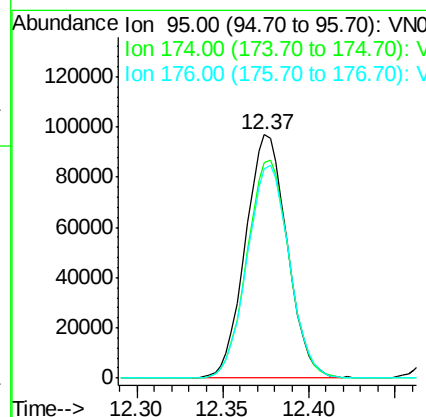
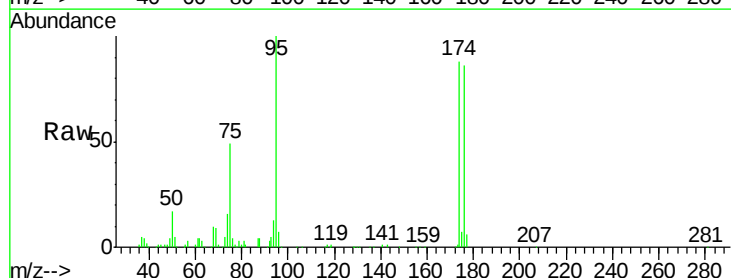
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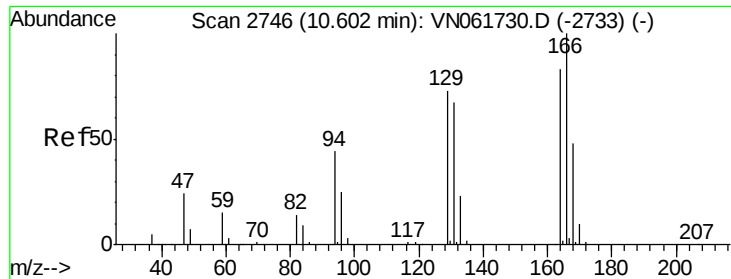
MMDadoda
6/11/2020 12:44:42 PM



#60
4-Bromofluorobenzene
Concen: 30.005 ug/l
RT: 12.37 min Scan# 3297
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.1	72.8	109.2
176	88.4	69.2	103.8





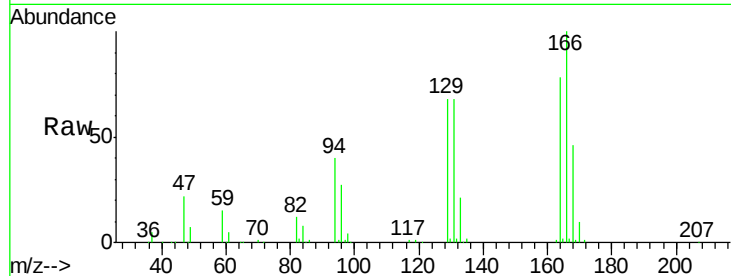
#61
Tetrachloroethene
Concen: 17.878 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.5	96.6	144.8
129	87.9	70.1	105.1
131	87.1	64.6	96.8

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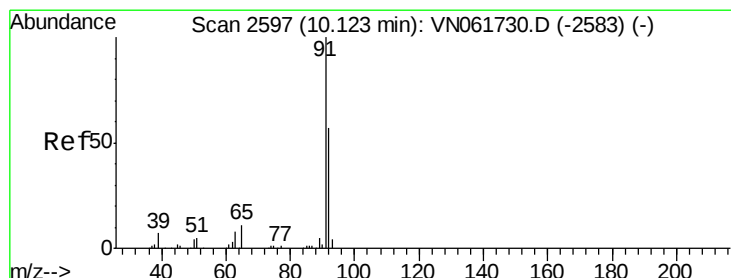
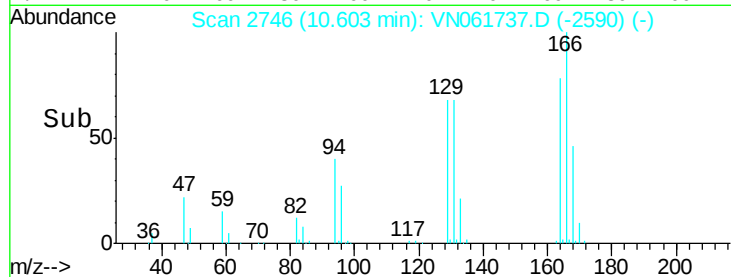
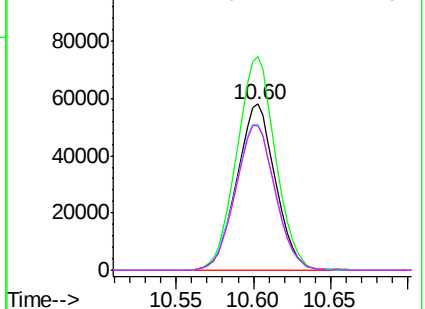


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

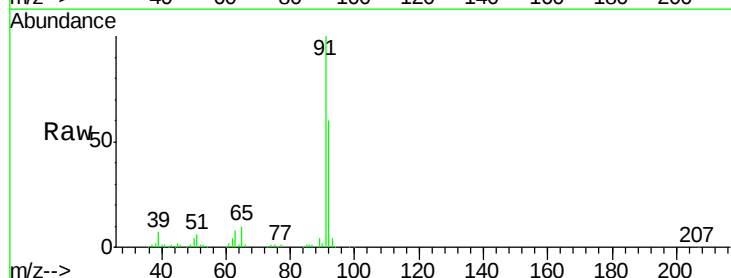
Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



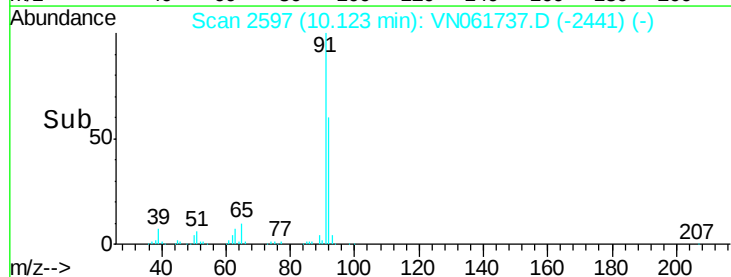
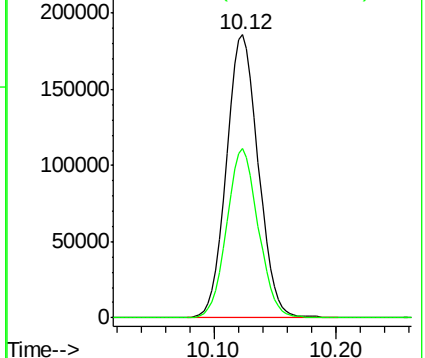
#62
Toluene
Concen: 18.372 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

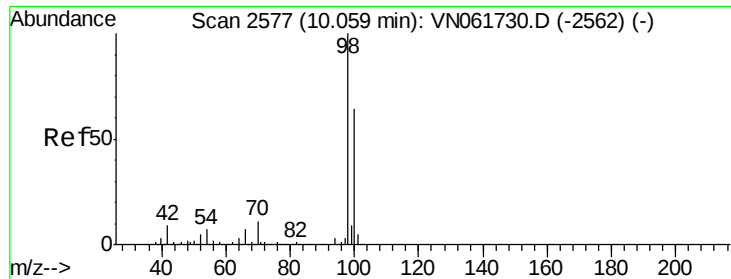
Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	45.8	68.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





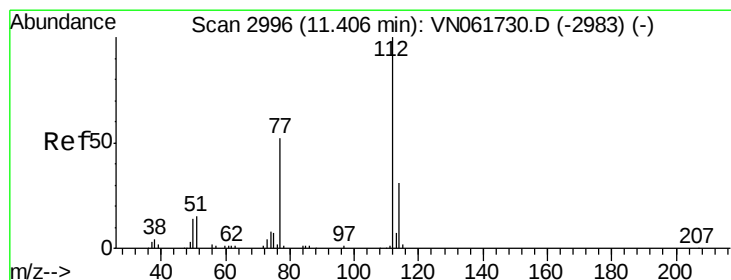
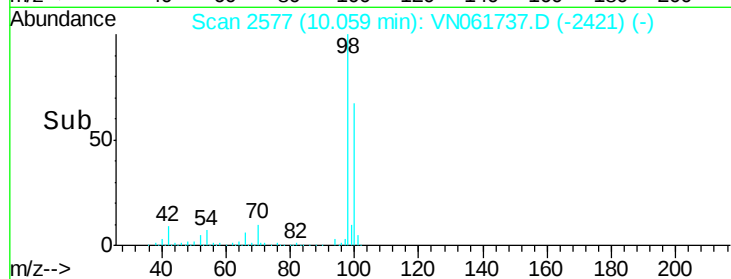
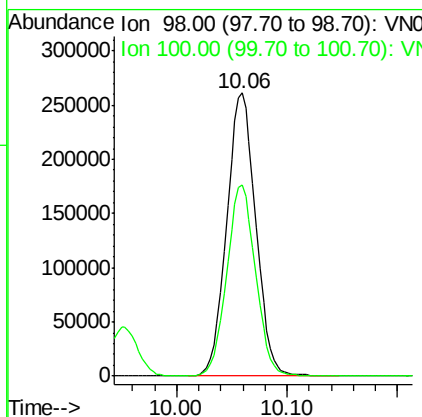
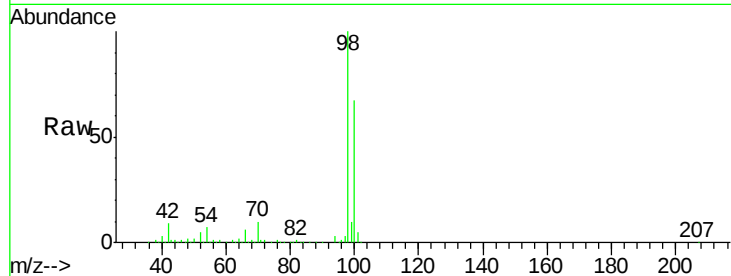
#63
Toluene-d8
Concen: 30.451 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion: 98 Resp: 476919
Ion Ratio Lower Upper
98 100
100 66.6 52.2 78.4

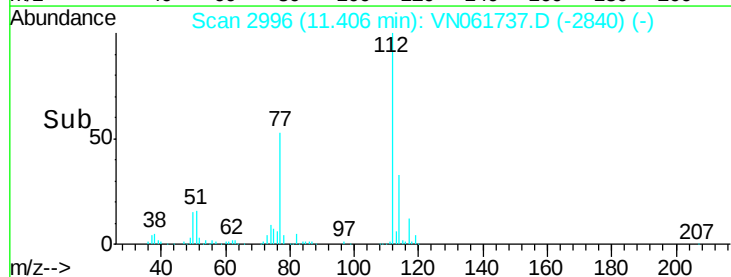
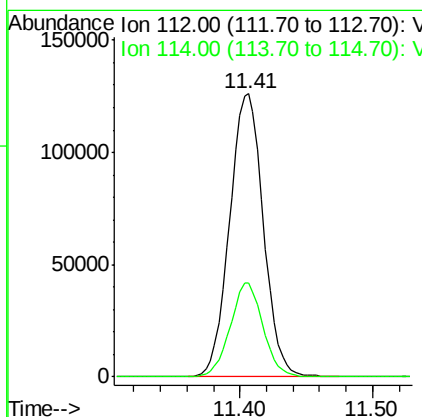
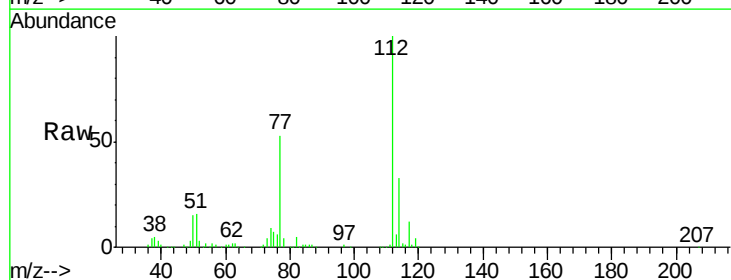
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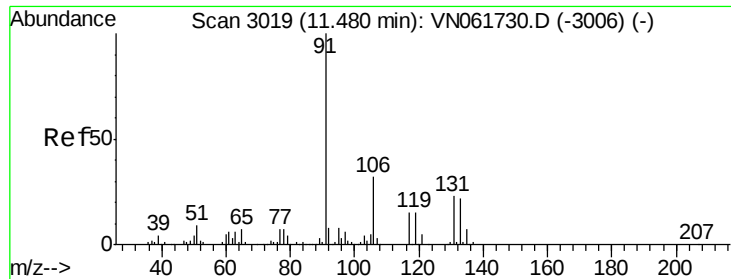
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#64
Chlorobenzene
Concen: 18.697 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion: 112 Resp: 222719
Ion Ratio Lower Upper
112 100
114 33.1 24.9 37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 18.011 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

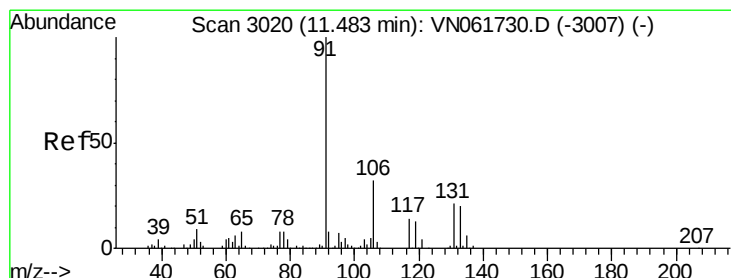
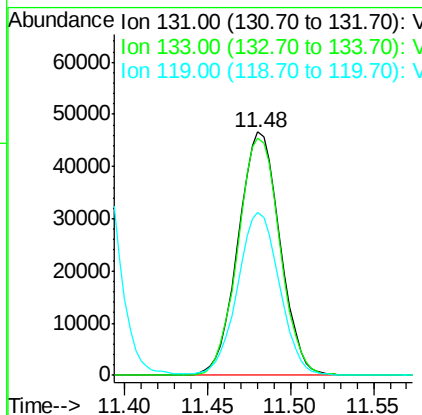
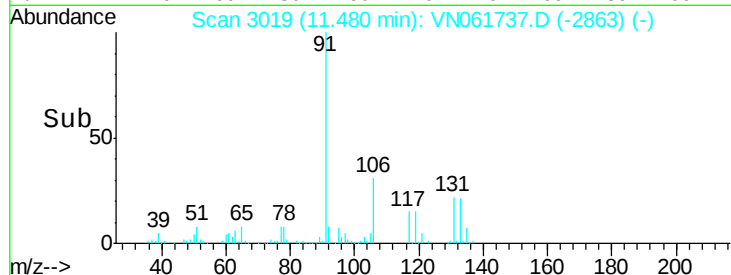
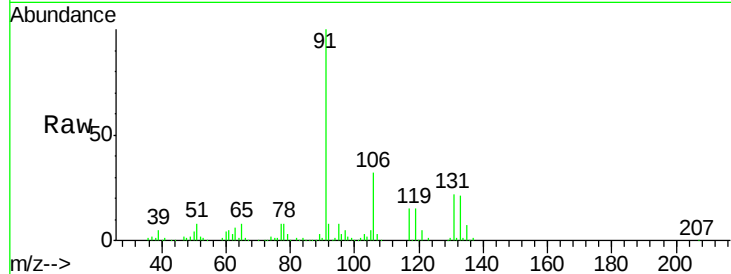
ClientSampleId :

VN0610WBSD01

Tot Ion:	131	Resp:	81779
Ion Ratio	Lower	Upper	
131	100		
133	97.9	0.0	189.4
119	67.1	0.0	130.8

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#66

Ethyl Benzene

Concen: 18.338 ug/l

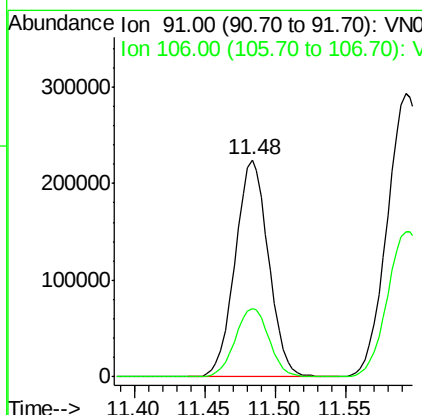
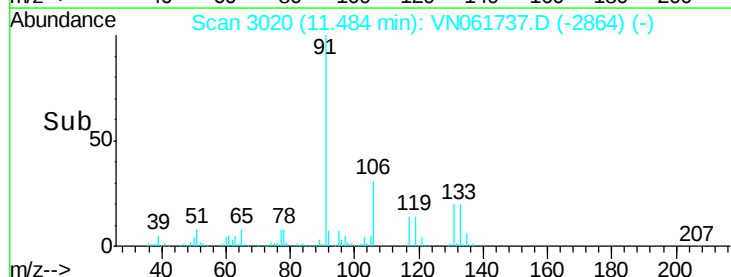
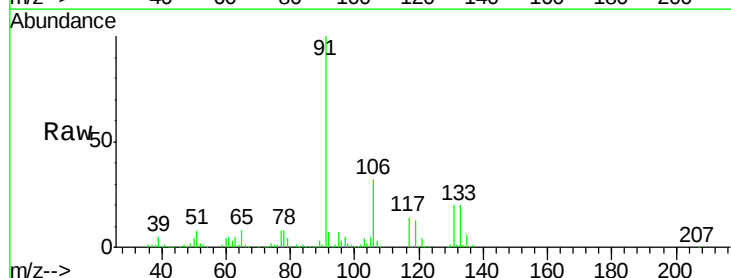
RT: 11.48 min Scan# 3020

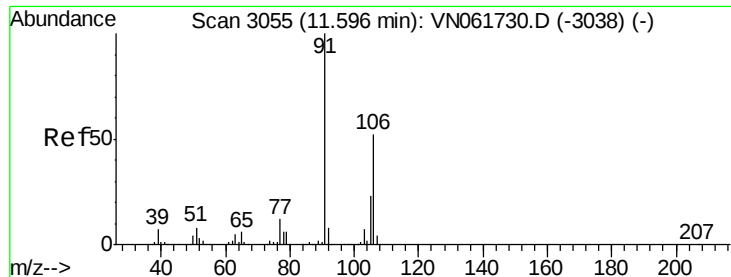
Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Tgt Ion:	91	Resp:	371611
Ion Ratio	Lower	Upper	
91	100		
106	31.6	25.7	38.5





#67

m/p-Xylenes

Concen: 36.598 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBSD01

Tot Ion:106 Resp: 295011

Ion Ratio Lower Upper

106 100

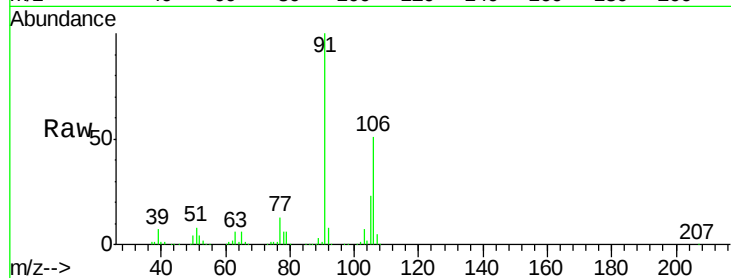
91 194.2 156.2 234.4

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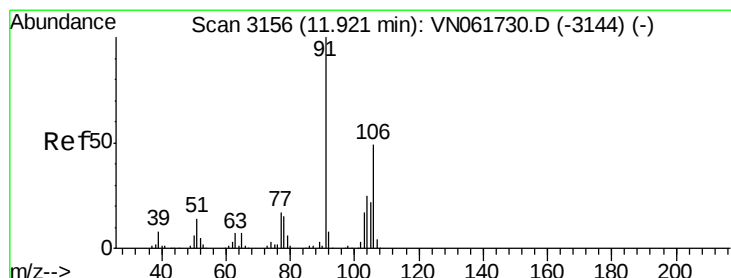
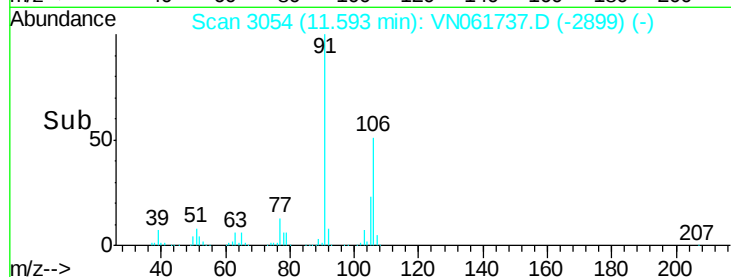
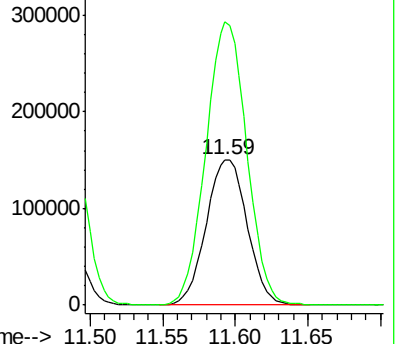
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#68

o-Xylene

Concen: 18.482 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN061737.D

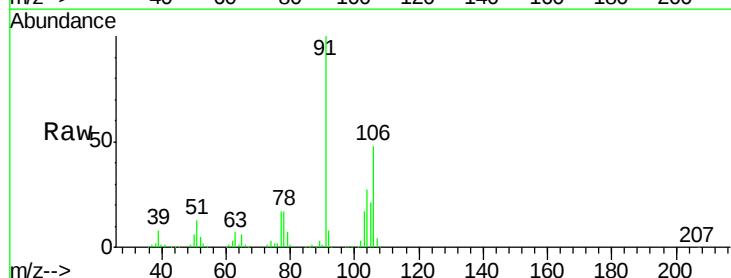
Acq: 10 Jun 2020 15:18

Tgt Ion:106 Resp: 140715

Ion Ratio Lower Upper

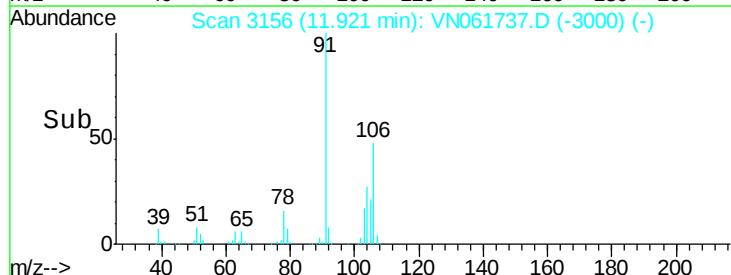
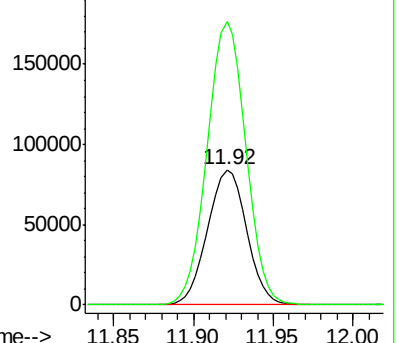
106 100

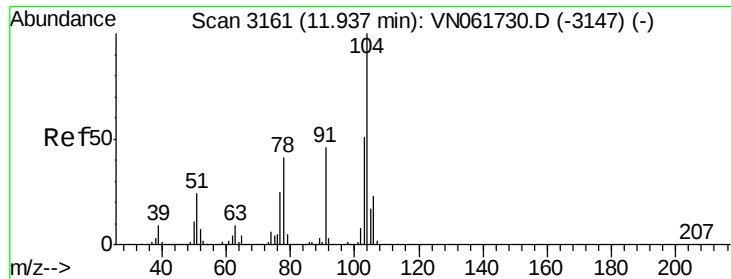
91 207.0 101.9 305.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN





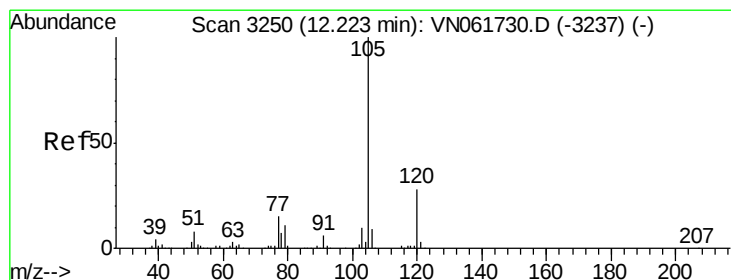
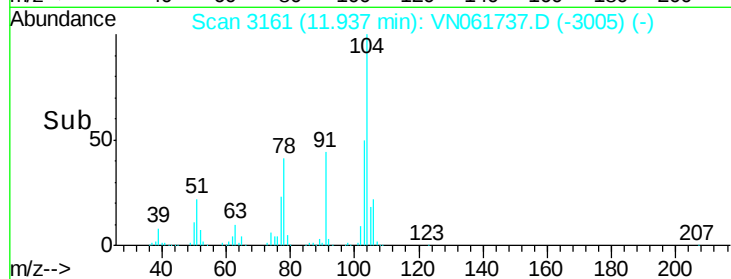
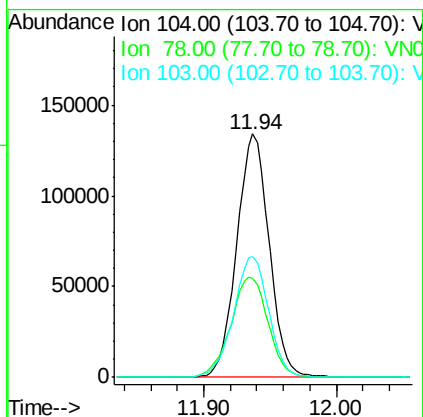
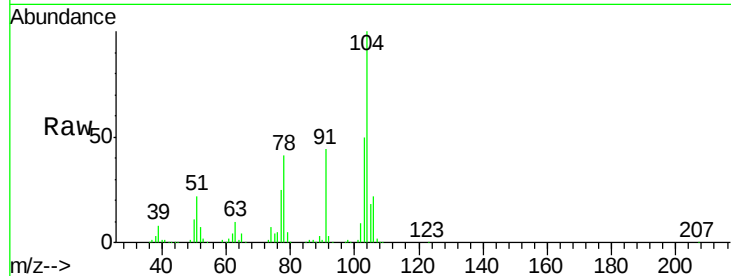
#69
Stvrene
Concen: 17.677 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	227993		
78	47.0		36.5	54.7
103	53.8		43.4	65.2

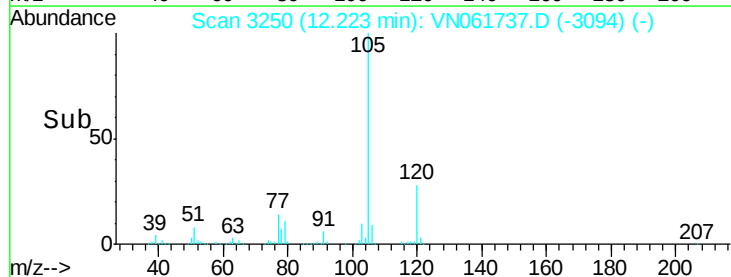
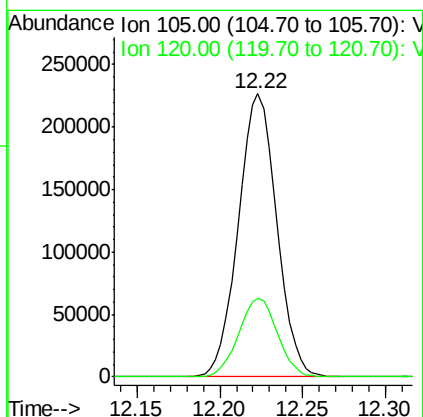
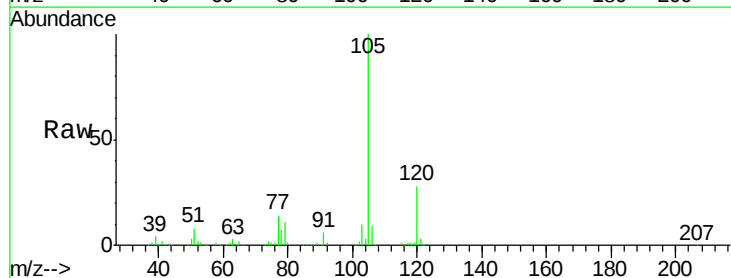
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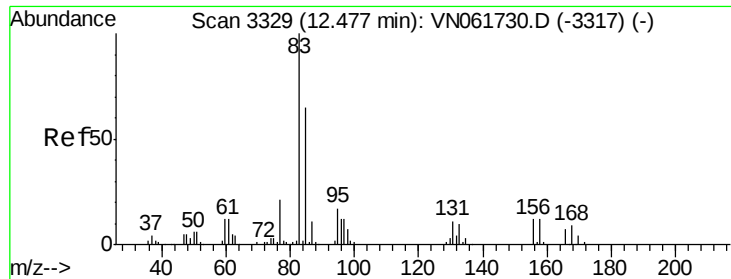
MMDadoda
6/11/2020 12:44:42 PM



#70
Isopropylbenzene
Concen: 18.139 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	364766		
120	28.0		19.3	35.8





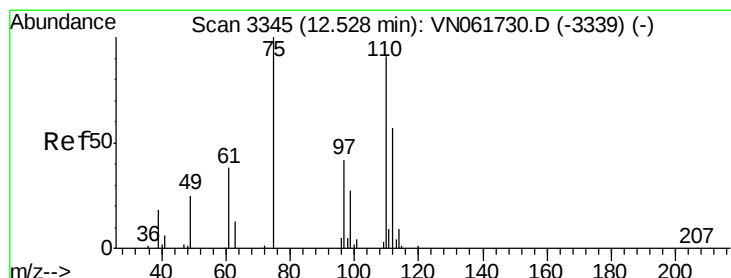
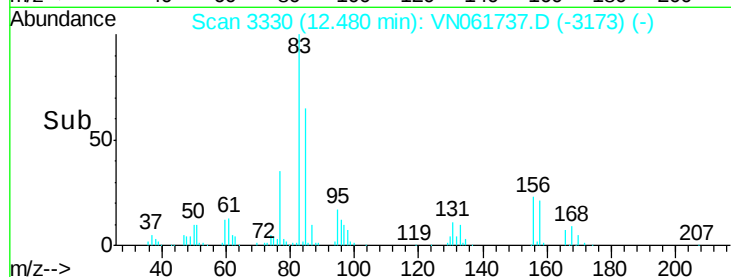
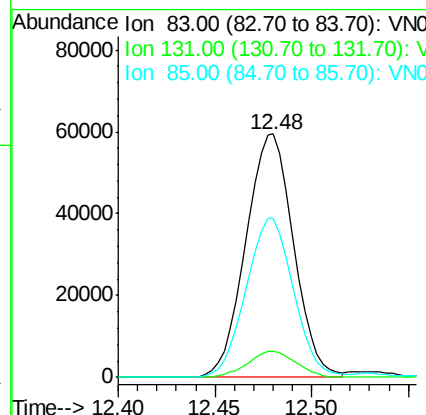
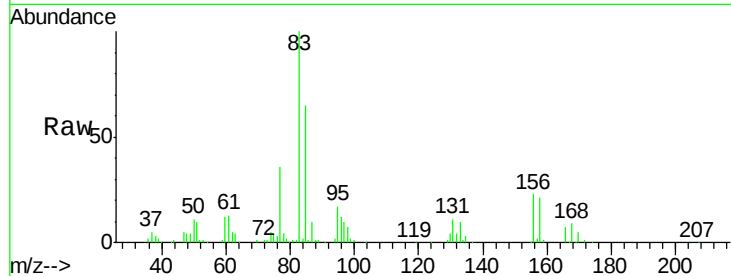
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.078 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.7	17.0
85	65.1	33.0	98.9

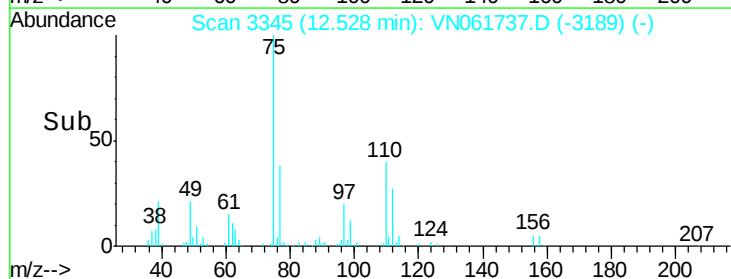
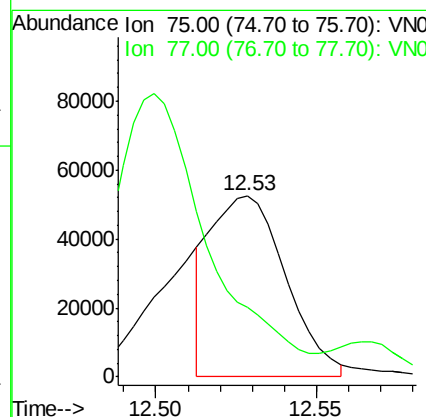
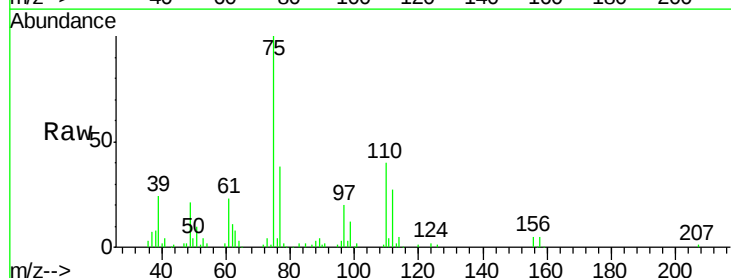
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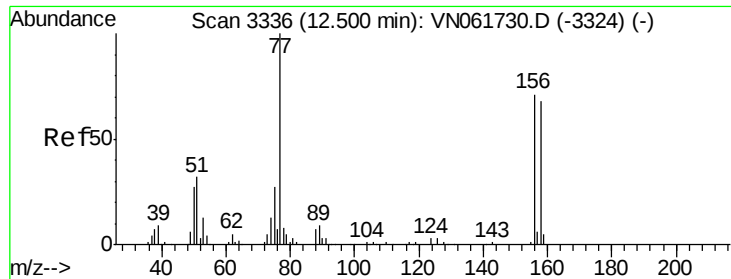
MMDadoda
 6/11/2020 12:44:42 PM



#72
 1,2,3-Trichloropropane
 Concen: 17.083 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
75	100		
77	201.3	0.0	371.8





#73

Bromobenzene

Concen: 17.903 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

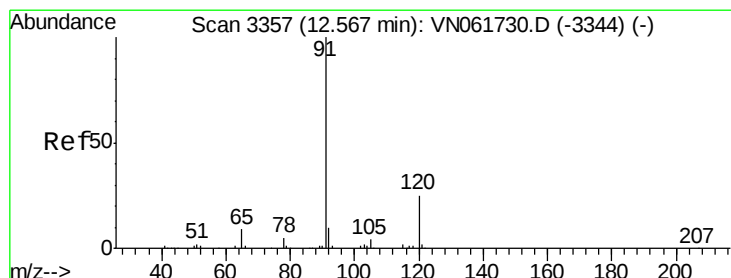
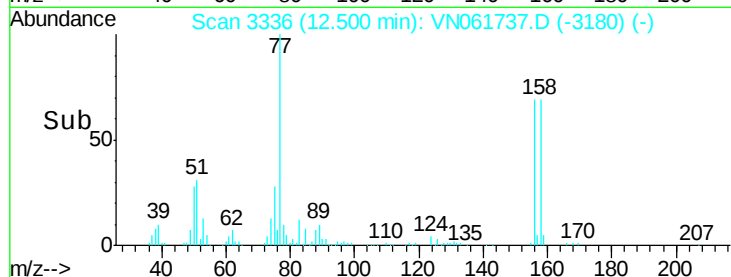
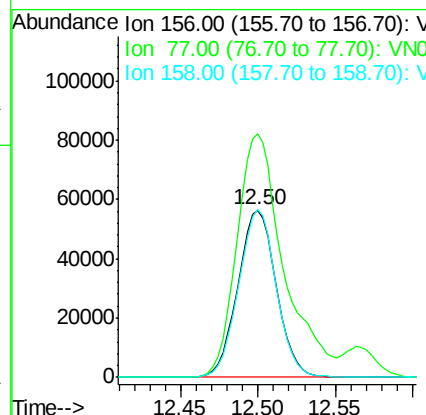
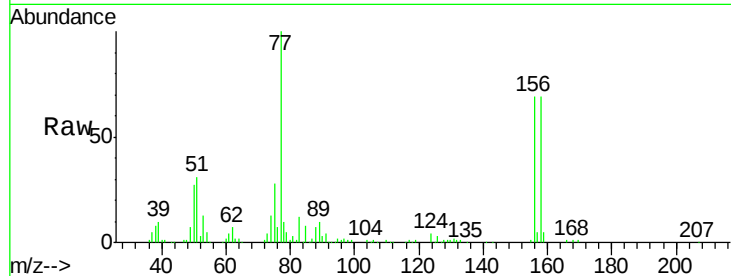
ClientSampleId :

VN0610WBSD01

Tot Ion:	156	Resp:	97264
Ion Ratio	Lower	Upper	
156	100		
77	178.0	0.0	350.0
158	98.2	0.0	195.4

Manual Integrations
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6/11/2020 12:44:42 PM



#74

n-propylbenzene

Concen: 18.210 ug/l

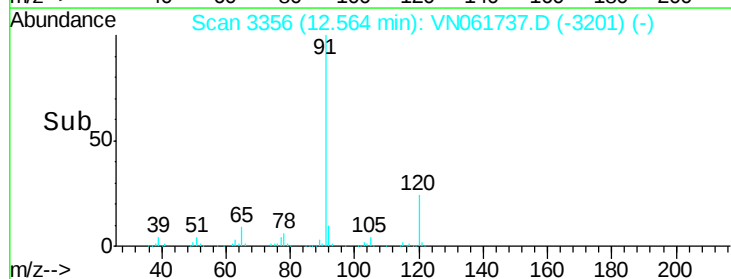
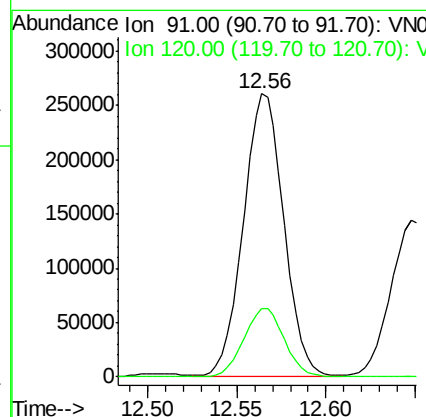
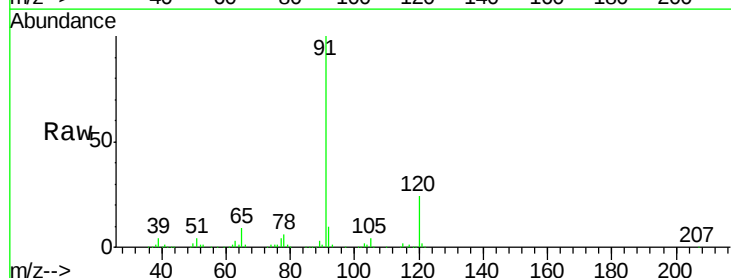
RT: 12.56 min Scan# 3356

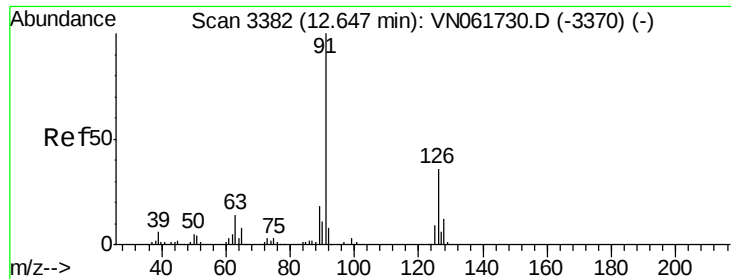
Delta R.T. -0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Tgt Ion:	91	Resp:	413926
Ion Ratio	Lower	Upper	
91	100		
120	24.2	0.0	48.4





#75

2-Chlorotoluene

Concen: 18.154 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

ClientSampleId :

VN0610WBSD01

Tot Ion: 91 Resp: 243211

Ion Ratio Lower Upper

91 100

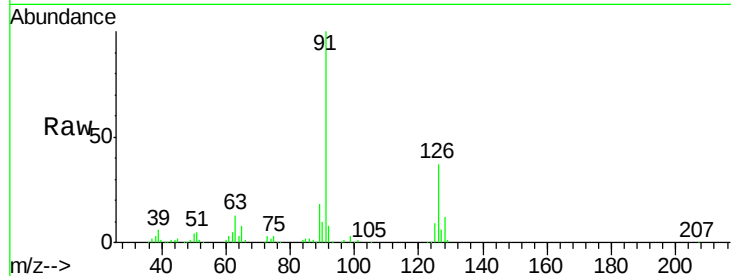
126 36.1 0.0 72.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN061737.D (-3382) (-)

Ion 126.00 (125.70 to 126.70): VN061737.D (-3382) (-)

250000

200000

150000

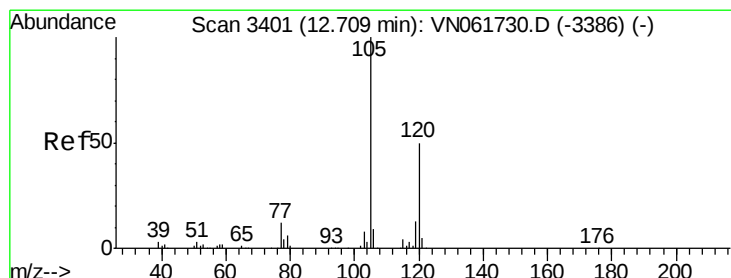
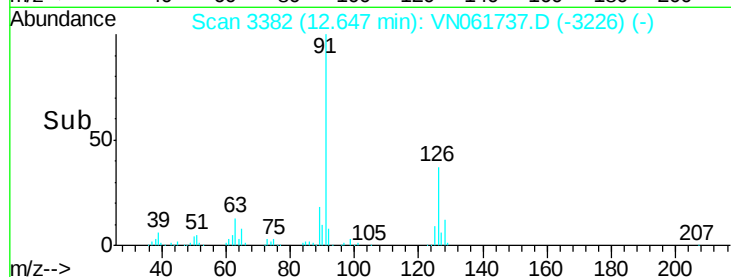
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.443 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061737.D

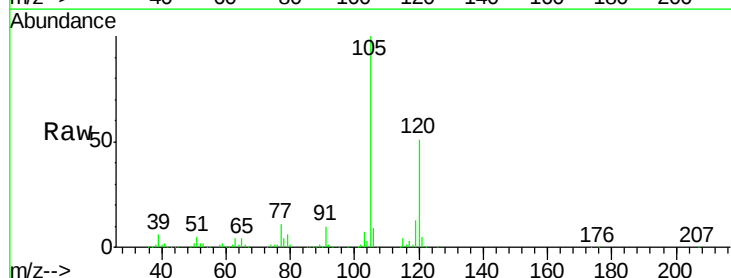
Acq: 10 Jun 2020 15:18

Tgt Ion: 105 Resp: 309175

Ion Ratio Lower Upper

105 100

120 50.5 0.0 101.6



Abundance Ion 105.00 (104.70 to 105.70): VN061737.D (-3401) (-)

Ion 120.00 (119.70 to 120.70): VN061737.D (-3401) (-)

200000

150000

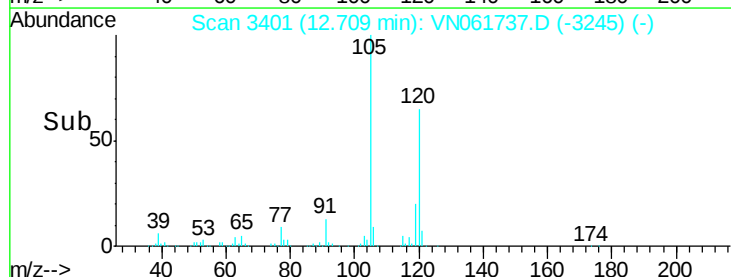
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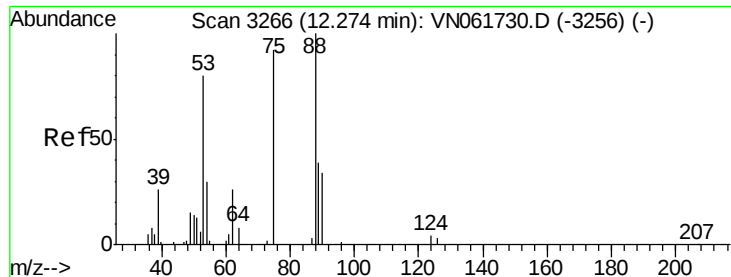
50000

0

12.65 12.70 12.75

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.246 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

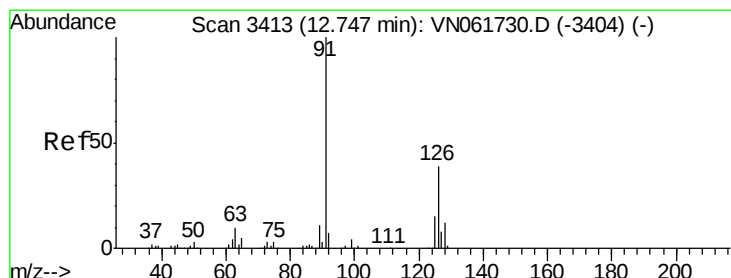
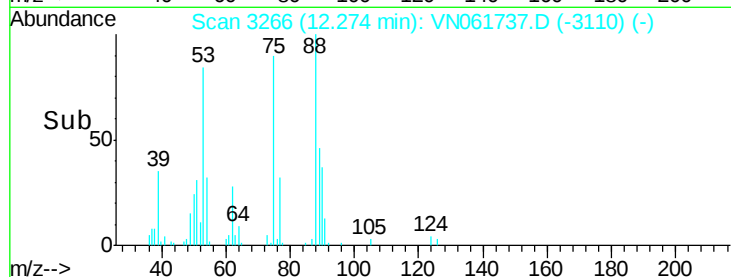
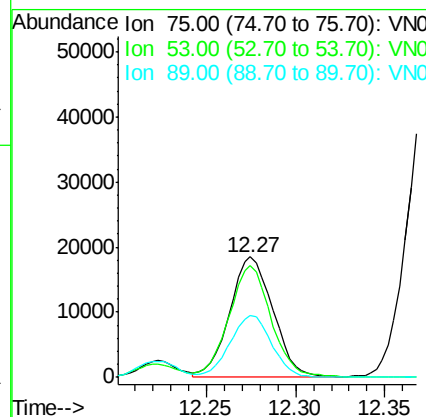
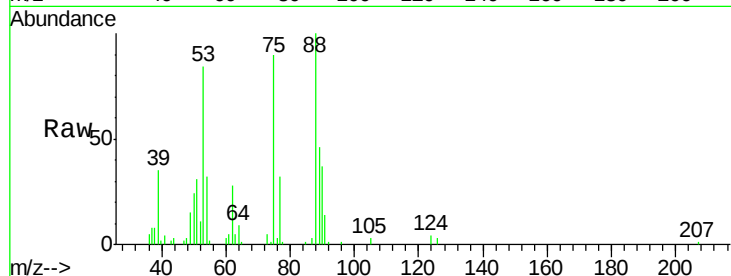
ClientSampleId :

VN0610WBSD01

Tot Ion:	75	Resp:	31329
Ion	Ratio	Lower	Upper
75	100		
53	93.2	43.8	131.4
89	51.1	23.1	69.2

Manual Integrations
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#78

4-Chlorotoluene

Concen: 17.854 ug/l

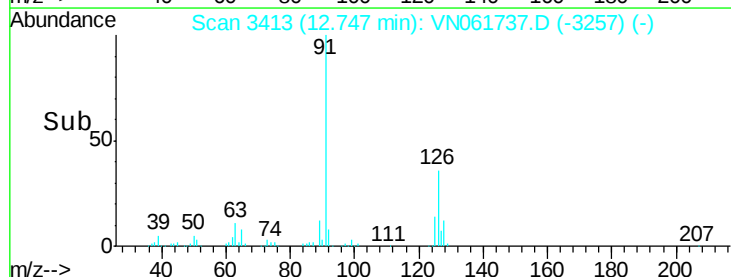
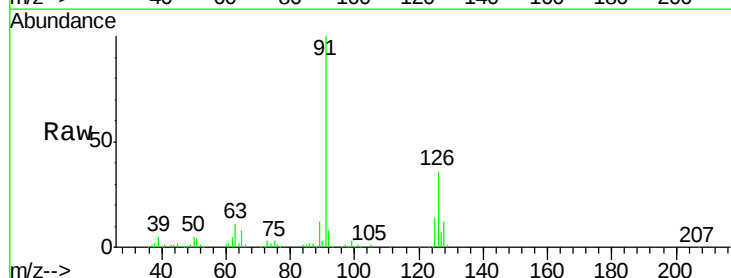
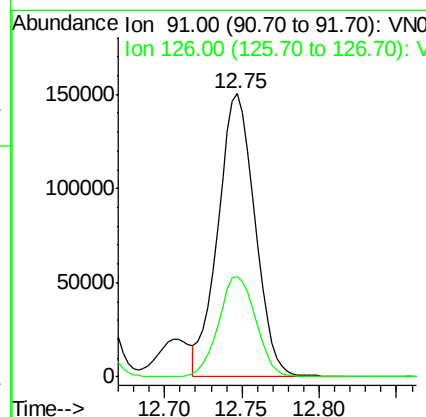
RT: 12.75 min Scan# 3413

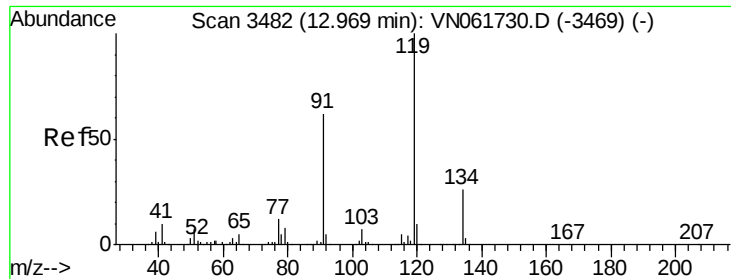
Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Tgt Ion:	91	Resp:	249230
Ion	Ratio	Lower	Upper
91	100		
126	35.7	0.0	70.4





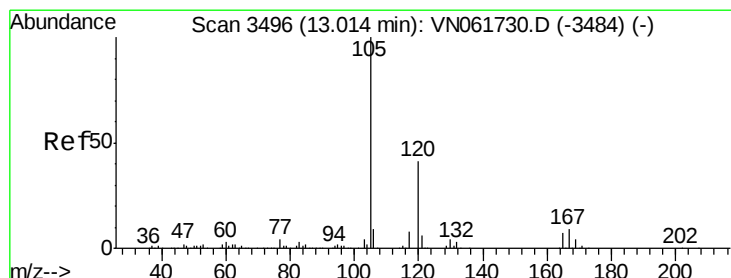
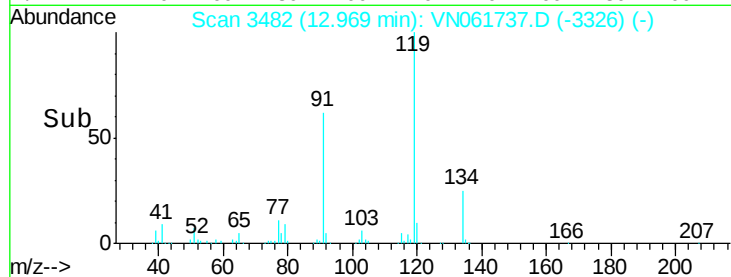
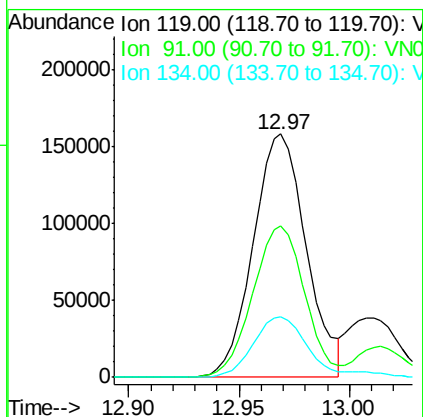
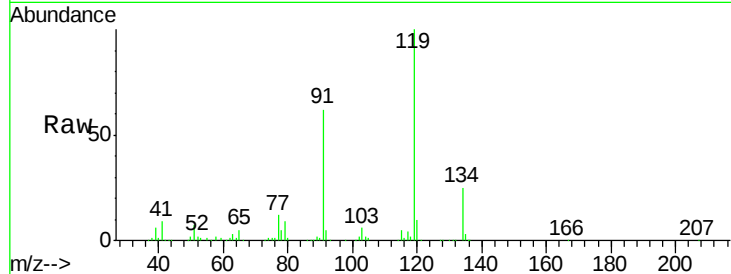
#79
tert-butylbenzene
Concen: 18.174 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	263488		
91	60.9		0.0	124.6
134	25.1		0.0	51.4

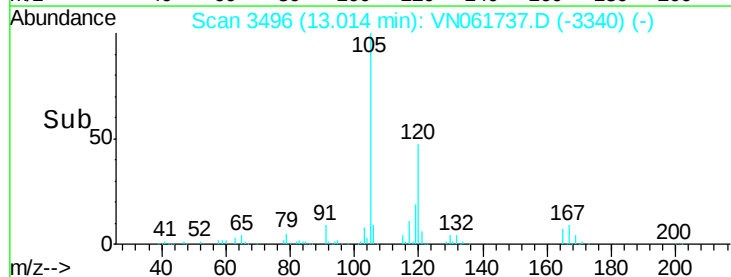
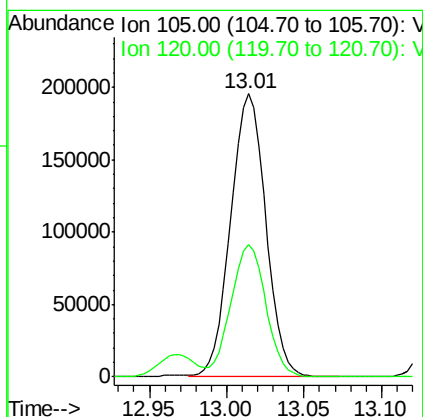
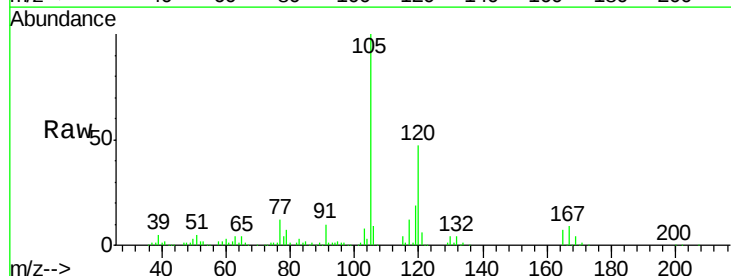
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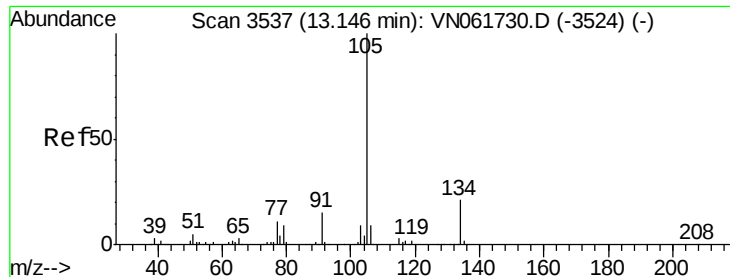
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#80
1,2,4-Trimethylbenzene
Concen: 18.224 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	307322		
120	46.4		0.0	95.4





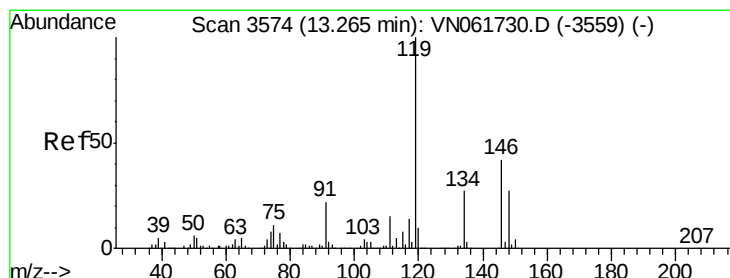
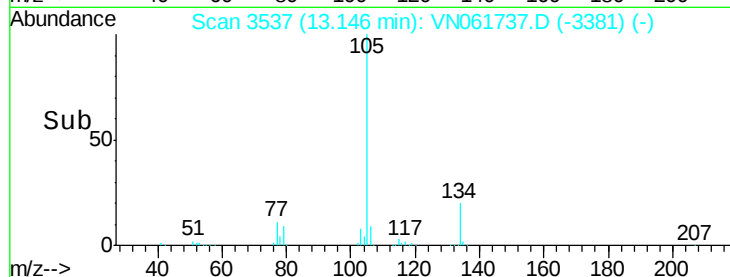
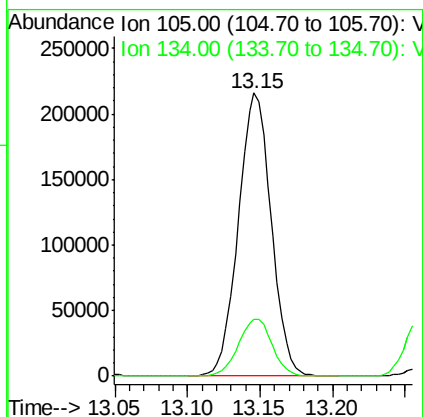
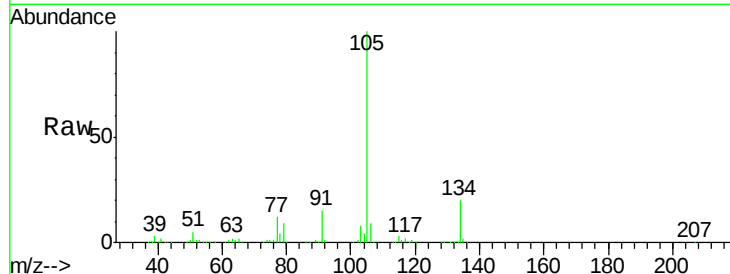
#81
 sec-Butylbenzene
 Concen: 18.093 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0610WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	338949		
134	20.8	0.0	41.8	

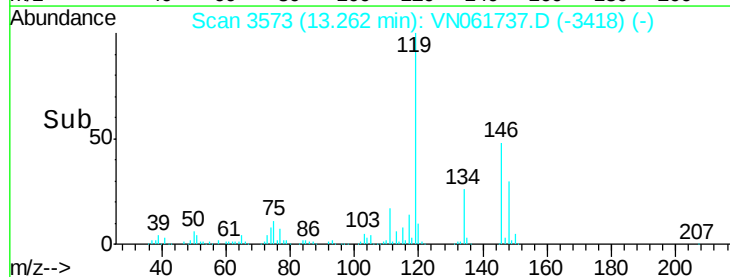
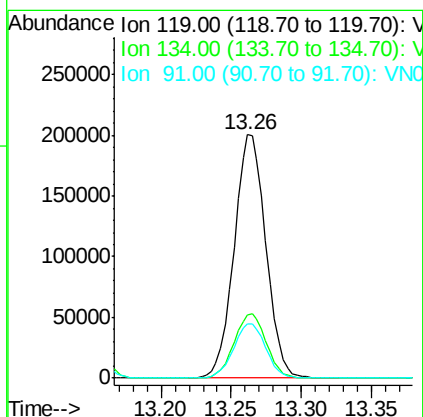
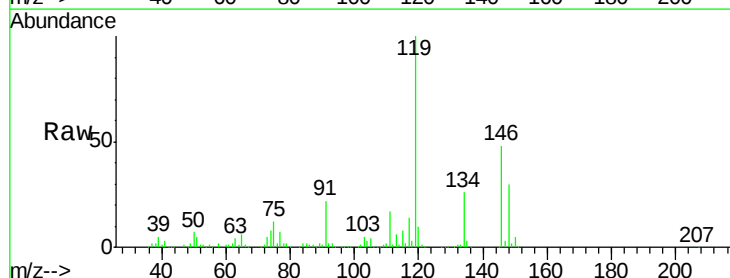
Manual Integrations
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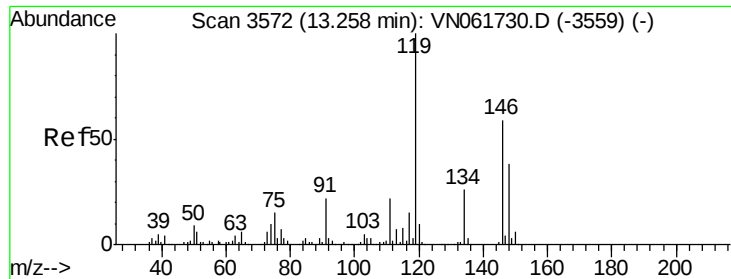
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#82
 p-Isopropyltoluene
 Concen: 18.088 ug/l
 RT: 13.26 min Scan# 3573
 Delta R.T. -0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	314592		
134	26.8	0.0	53.4	
91	22.7	0.0	45.2	





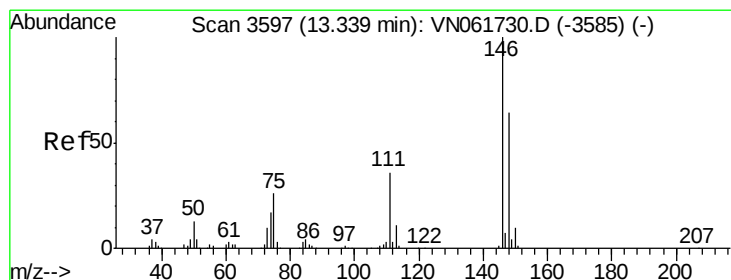
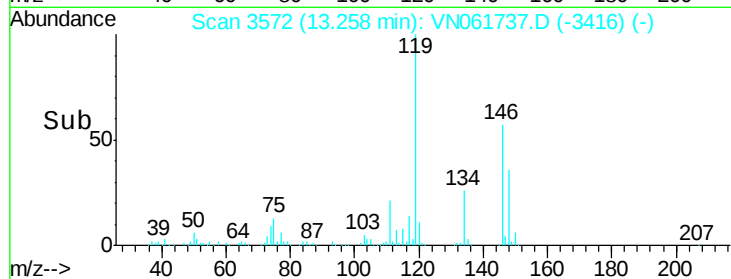
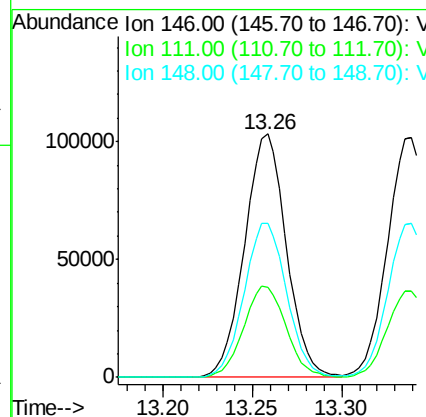
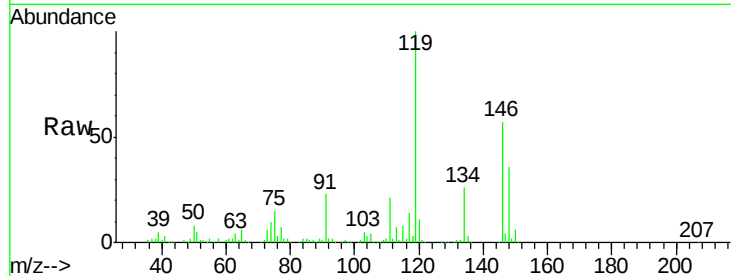
#83
 1,3-Dichlorobenzene
 Concen: 17.421 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0610WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	168921		
111	38.1	18.7	56.1	
148	64.6	31.9	95.5	

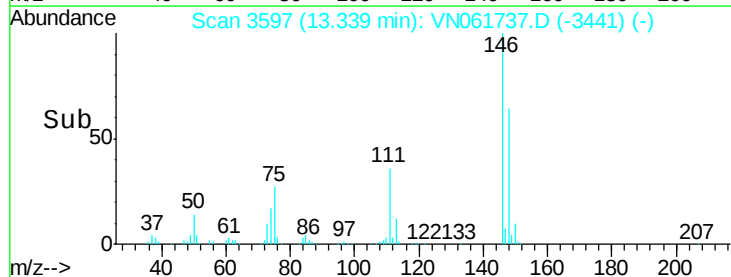
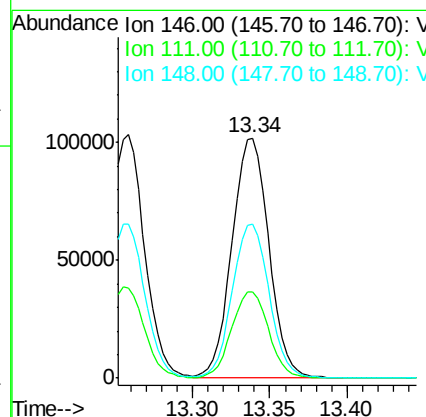
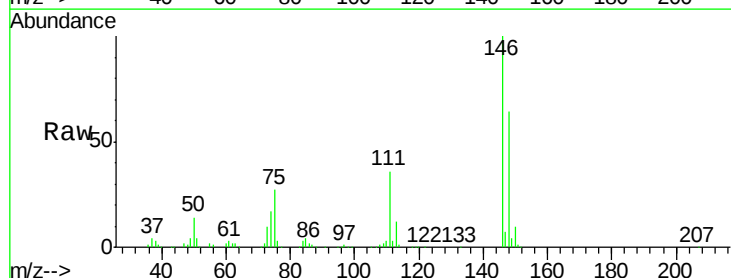
Manual Integrations
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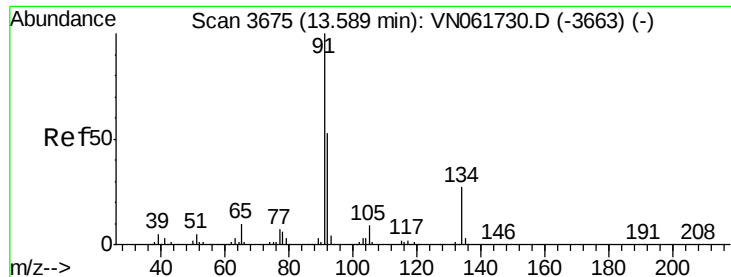
MMDadoda
 6/11/2020 12:44:42 PM



#84
 1,4-Dichlorobenzene
 Concen: 17.630 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	167958		
111	36.4	18.6	55.8	
148	64.5	32.2	96.6	





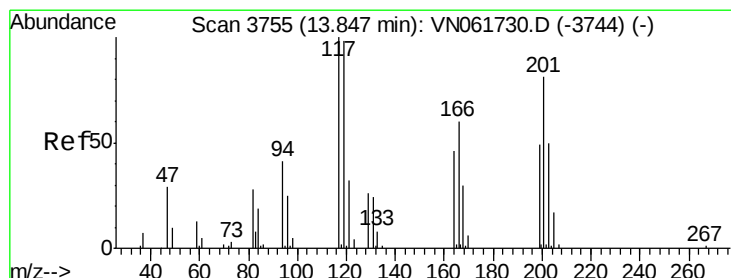
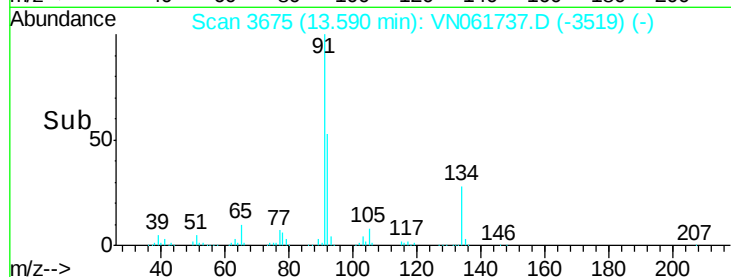
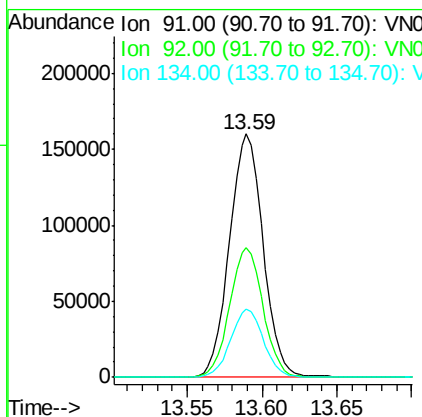
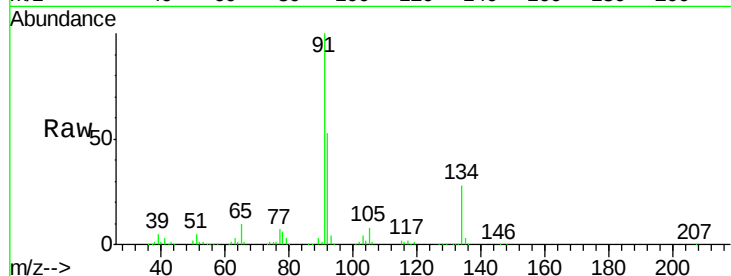
#85
n-Butylbenzene
Concen: 17.538 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	251928		
92	52.7		0.0	107.2
134	27.5		0.0	55.8

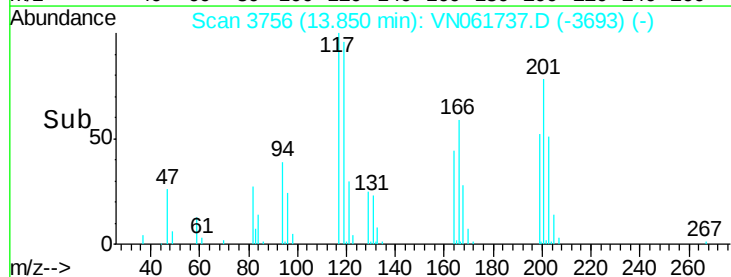
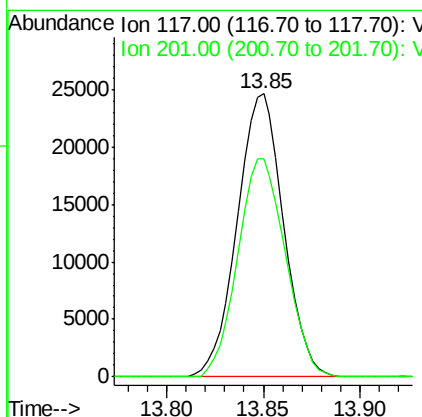
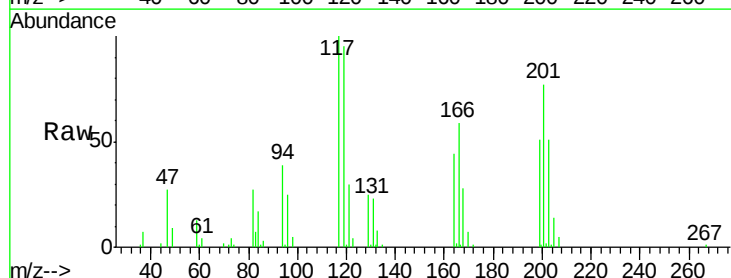
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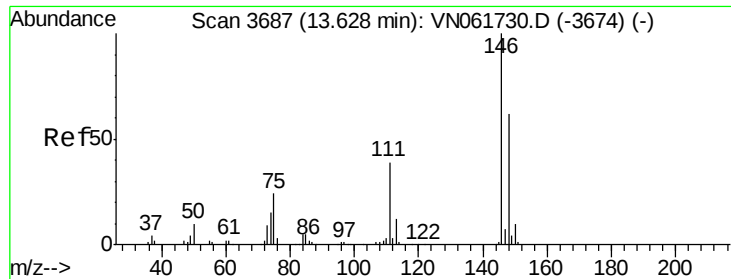
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#86
Hexachloroethane
Concen: 17.307 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40982		
201	79.1		39.1	117.5





#87

1,2-Dichlorobenzene

Concen: 18.173 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Instrument :

MSVOA_N

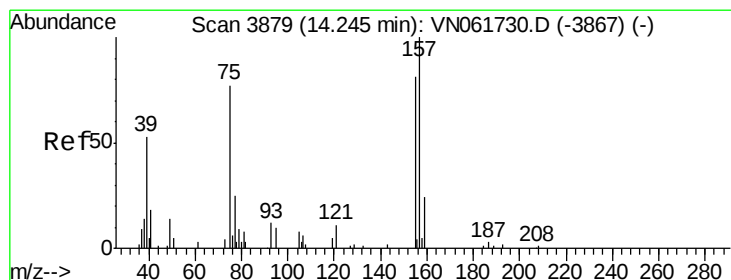
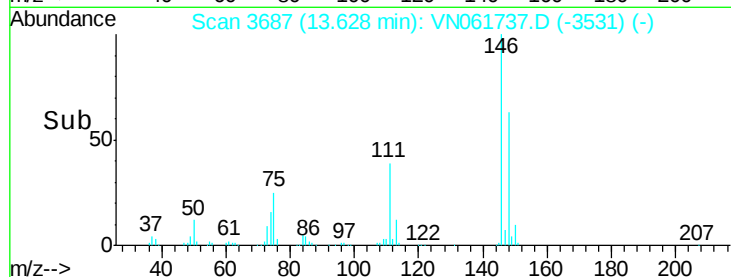
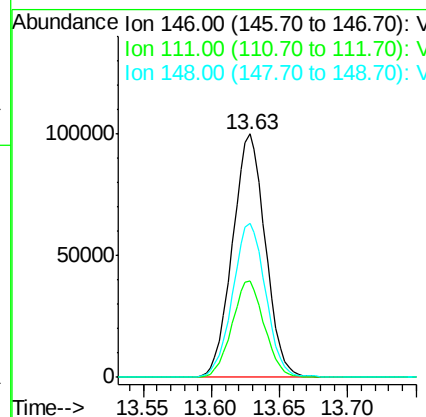
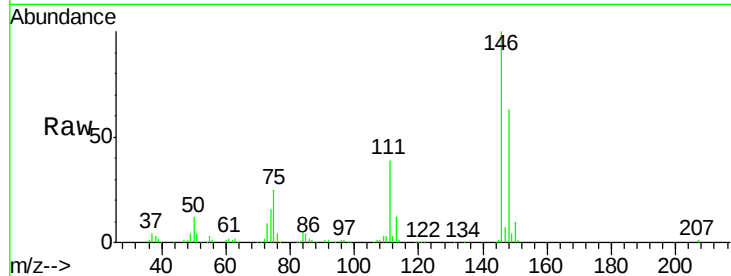
ClientSampleId :

VN0610WBSD01

Tot Ion:	146	Resp:	167394
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.3	57.9
148	63.8	31.4	94.0

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.384 ug/l

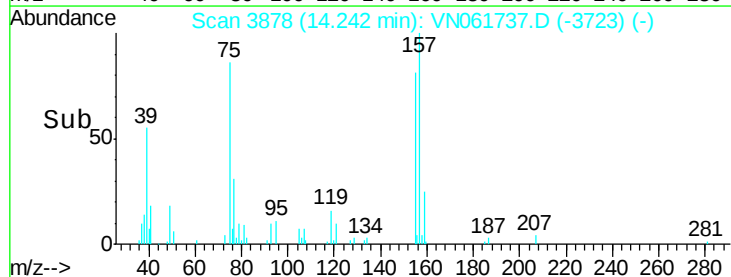
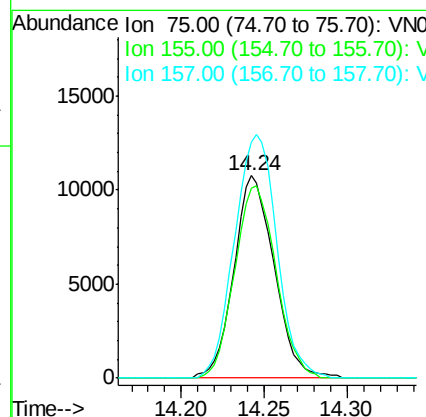
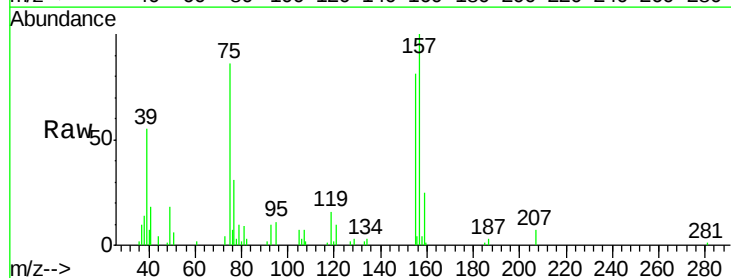
RT: 14.24 min Scan# 3878

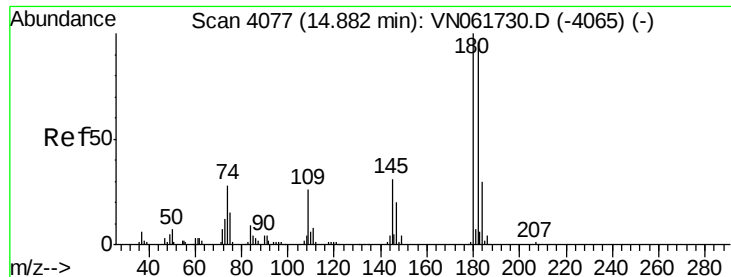
Delta R.T. -0.00 min

Lab File: VN061737.D

Acq: 10 Jun 2020 15:18

Tgt Ion:	75	Resp:	18242
Ion Ratio	Lower	Upper	
75	100		
155	97.3	79.6	119.4
157	126.5	100.8	151.2





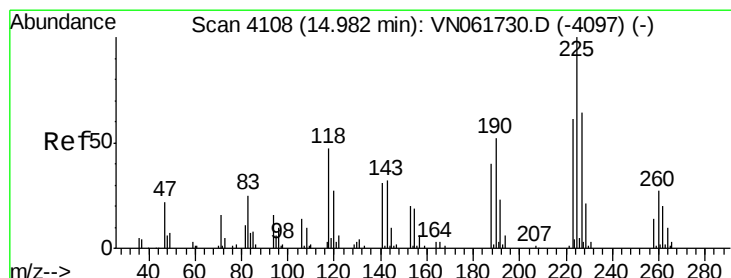
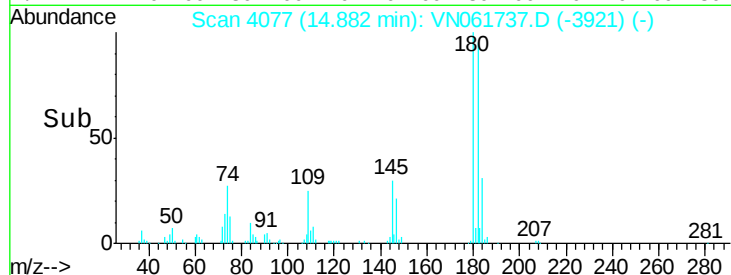
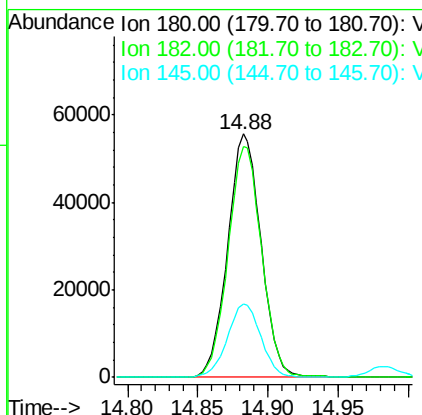
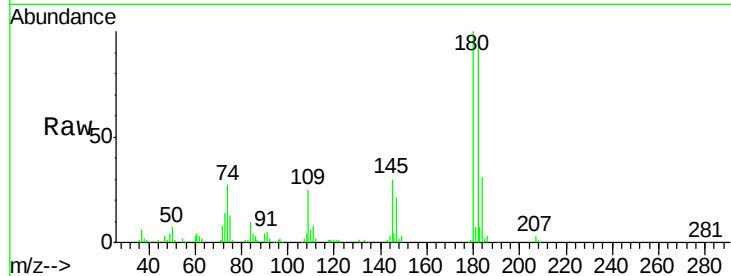
#89
 1,2,4-Trichlorobenzene
 Concen: 17.032 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Instrument :
 MSVOA_N
 ClientSampled :
 VN0610WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.6	113.4
145	30.4	24.5	36.7

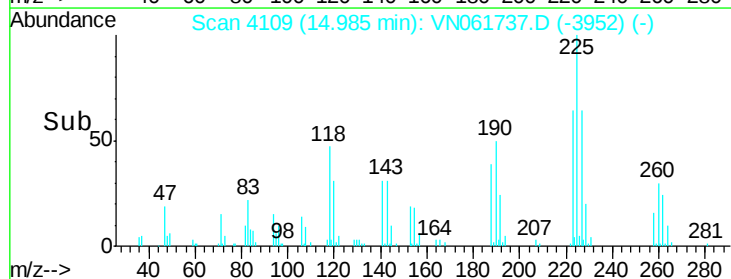
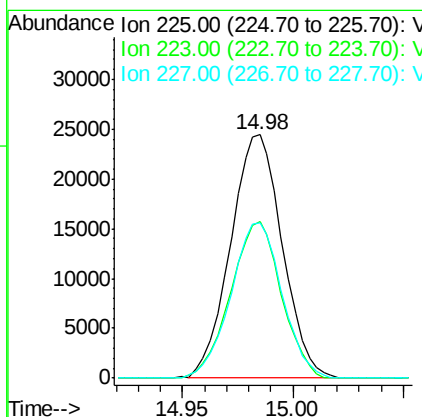
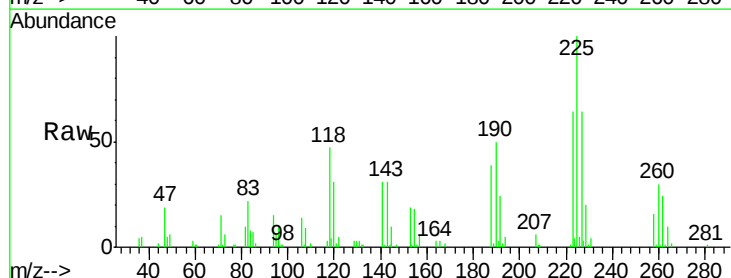
Manual Integrations
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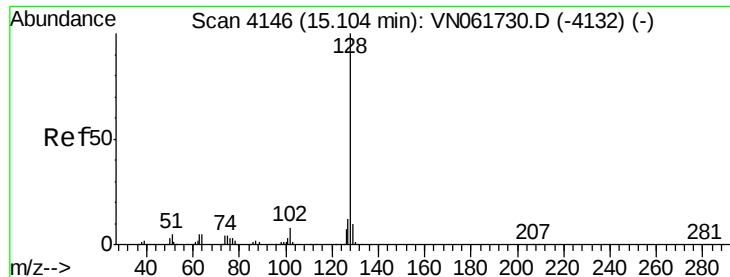
MMDadoda
 6/11/2020 12:44:42 PM



#90
 Hexachlorobutadiene
 Concen: 17.012 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061737.D
 Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	0.0	121.6
227	63.0	0.0	126.8





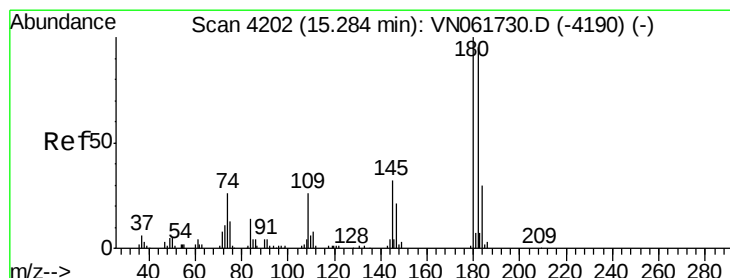
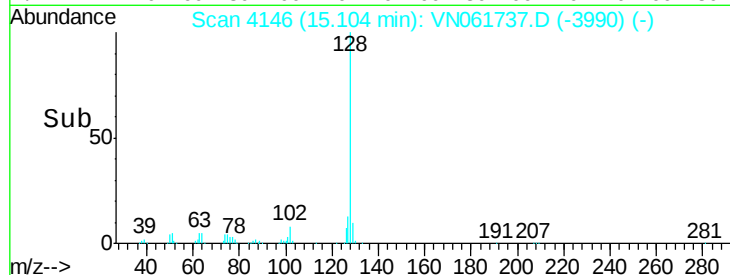
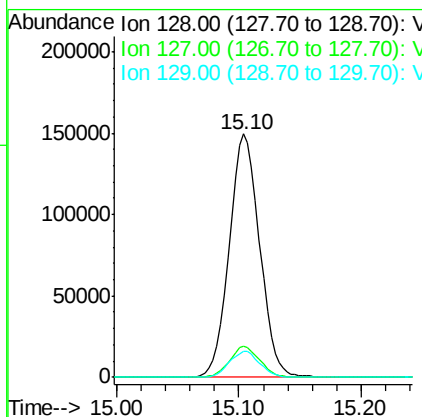
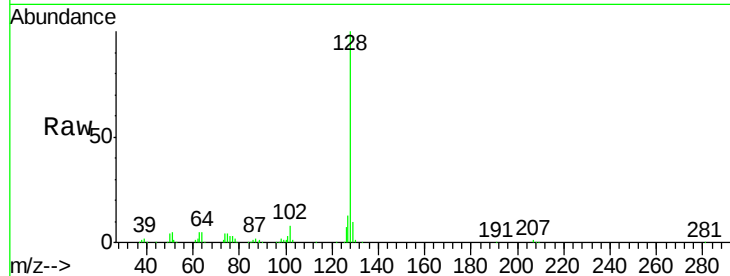
#91
Naphthalene
Concen: 17.332 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Instrument :
MSVOA_N
ClientSampleId :
VN0610WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	259785		
127	12.5		10.2	15.2
129	10.7		8.6	12.8

Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:44:42 PM



#92
1,2,3-Trichlorobenzene
Concen: 17.693 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061737.D
Acq: 10 Jun 2020 15:18

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	93609		
182	94.1		0.0	191.0
145	32.0		0.0	64.6

