

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082020\
 Data File : VN063037.D
 Acq On : 20 Aug 2020 15:36
 Operator : JC/MD
 Sample : VN0820WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0820WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 9:21:11 AM

Quant Time: Aug 21 06:04:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Aug 20 14:01:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	29709	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	152471	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	145255	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	63539	30.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.63%
60) 4-Bromofluorobenzene	12.38	95	67700	29.49	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.30%
63) Toluene-d8	10.06	98	201350	30.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	45392	21.370 ug/l	96
3) Chloromethane	2.04	50	49291	20.971 ug/l	99
4) Vinyl Chloride	2.16	62	47924	20.254 ug/l	98
5) Bromomethane	2.53	94	30925	21.203 ug/l	99
6) Chloroethane	2.67	64	28621	20.466 ug/l	99
7) Trichlorofluoromethane	2.98	101	58187	20.392 ug/l	98
8) Diethyl Ether	3.37	74	19381	20.422 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	30308	19.644 ug/l	90
10) 1,1-Dichloroethene	3.70	96	26973	19.456 ug/l	96
11) Methyl Iodide	3.91	142	36807	19.350 ug/l	97
12) Methyl Acetate	4.28	43	37751m	20.429 ug/l	
13) Acrolein	3.57	56	15111	79.785 ug/l	100
14) Acrylonitrile	4.93	53	82570	102.043 ug/l	98
15) Acetone	3.77	58	22993	98.182 ug/l	98
16) Carbon Disulfide	4.00	76	73698	19.802 ug/l	99
17) Allyl chloride	4.28	41	49905	19.617 ug/l	97
18) Methylene Chloride	4.50	84	49938	25.745 ug/l	99
19) trans-1,2-Dichloroethene	4.98	96	29718	19.494 ug/l	95
20) Diisopropyl ether	5.90	45	124393	20.878 ug/l	99
21) 1,1-Dichloroethane	5.80	63	66255	20.262 ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	37770	19.992 ug/l	97
23) tert-Butyl Alcohol	4.73	59	27257	102.820 ug/l	# 100
24) Methyl tert-Butyl Ether	4.99	73	101159	19.890 ug/l	99
25) Chloroform	7.33	83	65202	20.022 ug/l	97
26) Cyclohexane	7.61	56	54579	19.389 ug/l	# 99
29) 1,1-Dichloropropene	7.75	75	42948	19.396 ug/l	99
30) 2-Butanone	6.78	43	102731	99.541 ug/l	100
31) 2,2-Dichloropropane	6.77	77	51616	19.178 ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	53105	19.913 ug/l	99
33) Carbon Tetrachloride	7.73	117	43438	19.128 ug/l	95
34) Benzene	8.00	78	140276	19.769 ug/l	96
35) Methacrylonitrile	7.14	41	23270m	23.724 ug/l	
36) 1,2-Dichloroethane	8.09	62	48837	20.174 ug/l	100
37) Trichloroethene	8.80	130	34130	19.640 ug/l	99
38) Methylcyclohexane	9.04	83	52601	18.940 ug/l	99
39) 1,2-Dichloropropane	9.08	63	40912	19.811 ug/l	98
40) Dibromomethane	9.17	93	24642	20.552 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	52878	19.901	ug/l	99
42) Vinyl Acetate	5.84	43	374942	95.902	ug/l	100
43) Ethyl Acetate	6.88	43	38840	19.717	ug/l	99
44) Isopropyl Acetate	8.12	43	66756	20.187	ug/l	98
45) 1,4-Dioxane	9.17	88	13626	439.946	ug/l	95
46) Methyl methacrylate	9.17	41	31875	19.578	ug/l	95
47) n-amyl Acetate	12.05	43	53848	18.346	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	54278	19.342	ug/l	94
49) cis-1,3-Dichloropropene	9.81	75	59526	19.488	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	37128	20.083	ug/l	94
51) Ethyl methacrylate	10.40	69	47647	18.943	ug/l	97
52) 1,3-Dichloropropane	10.68	76	61300	20.070	ug/l	98
53) Dibromochloromethane	10.87	129	40146	19.789	ug/l	98
54) 1,2-Dibromoethane	10.98	107	35651	20.102	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	47252	91.459	ug/l	99
56) Bromoform	12.10	173	28823	19.402	ug/l	96
58) 4-Methyl-2-Pentanone	9.95	43	213798	102.317	ug/l	100
59) 2-Hexanone	10.72	43	149146	100.058	ug/l	99
61) Tetrachloroethene	10.60	164	31866	20.012	ug/l	98
62) Toluene	10.12	91	153102	19.888	ug/l	99
64) Chlorobenzene	11.40	112	93847	19.701	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.48	131	37195	19.701	ug/l	100
66) Ethyl Benzene	11.48	91	159288	18.982	ug/l	98
67) m/p-Xylenes	11.59	106	122114	38.844	ug/l	100
68) o-Xylene	11.92	106	57458	19.027	ug/l	98
69) Styrene	11.94	104	102531	19.436	ug/l	99
70) Isopropylbenzene	12.22	105	157981	19.231	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	52382	19.884	ug/l	100
72) 1,2,3-Trichloropropane	12.53	75	46476m	19.882	ug/l	
73) Bromobenzene	12.50	156	44048	19.883	ug/l	97
74) n-propylbenzene	12.57	91	184459	18.719	ug/l	100
75) 2-Chlorotoluene	12.65	91	113032	19.246	ug/l	100
76) 1,3,5-Trimethylbenzene	12.71	105	133750	19.078	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	15414	18.657	ug/l	97
78) 4-Chlorotoluene	12.75	91	115216	19.027	ug/l	98
79) tert-butylbenzene	12.97	119	111320	18.872	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	124777	18.284	ug/l	99
81) sec-Butylbenzene	13.15	105	153127	18.845	ug/l	100
82) p-Isopropyltoluene	13.27	119	129687	18.003	ug/l	100
83) 1,3-Dichlorobenzene	13.26	146	73510	19.005	ug/l	100
84) 1,4-Dichlorobenzene	13.34	146	72002	19.046	ug/l	98
85) n-Butylbenzene	13.59	91	99760	16.664	ug/l	99
86) Hexachloroethane	13.85	117	26719	18.832	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	70207	18.952	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	7899	18.903	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	29582	16.181	ug/l	99
90) Hexachlorobutadiene	14.98	225	25497	18.843	ug/l	97
91) Naphthalene	15.10	128	61235	15.158	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	31041	17.007	ug/l	98

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

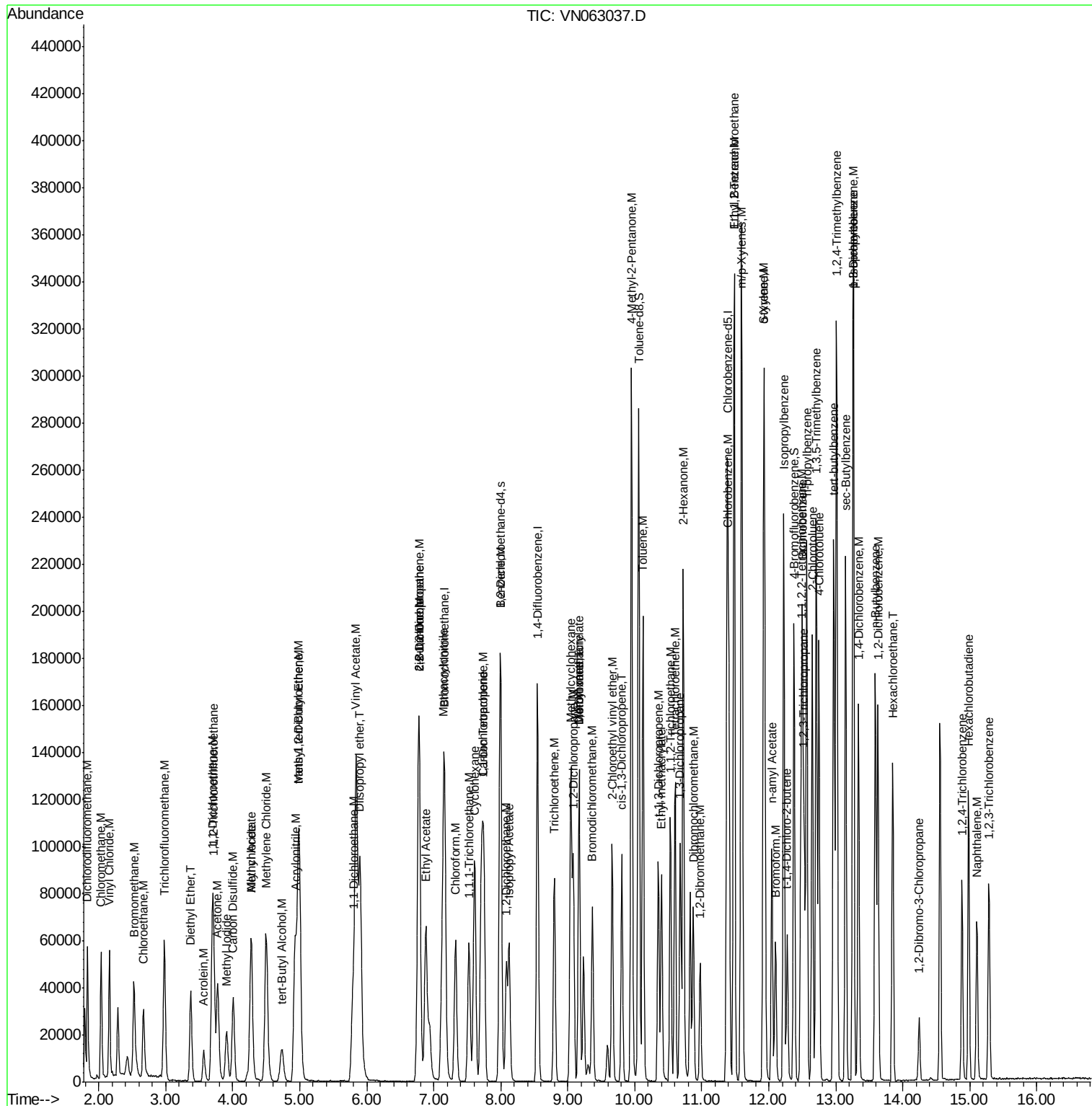
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Data File : VN063037.D
Acq On : 20 Aug 2020 15:36
Operator : JC/MD
Sample : VN0820WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 14 Sample Multiplier: 1

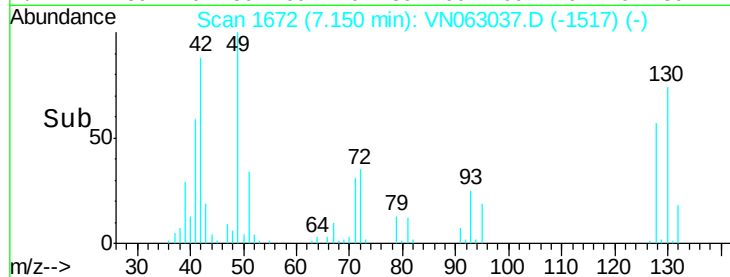
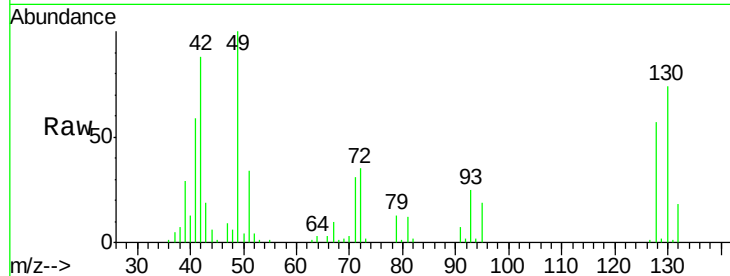
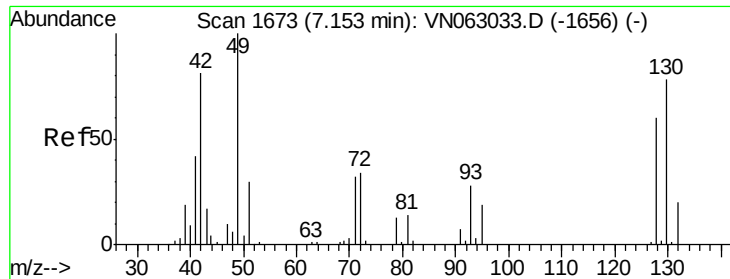
Instrument :
MSVOA_N
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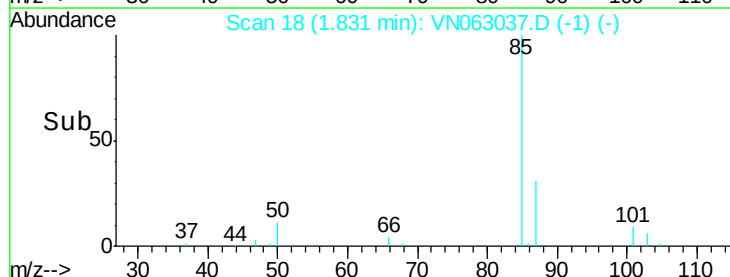
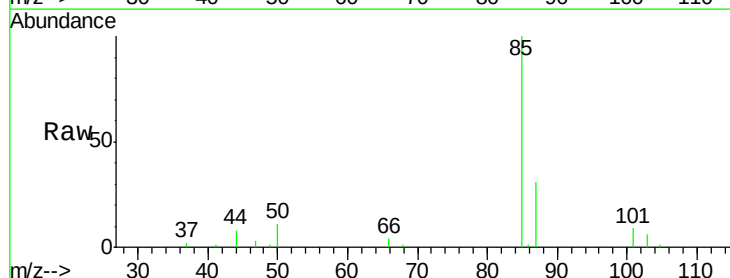
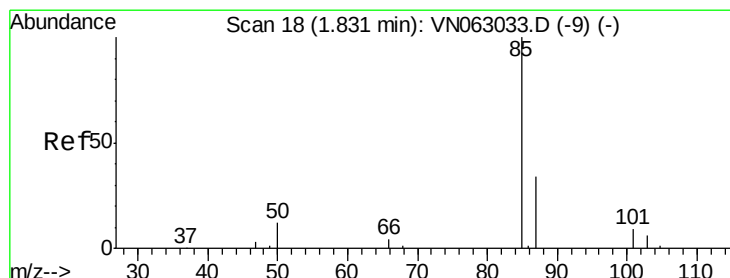
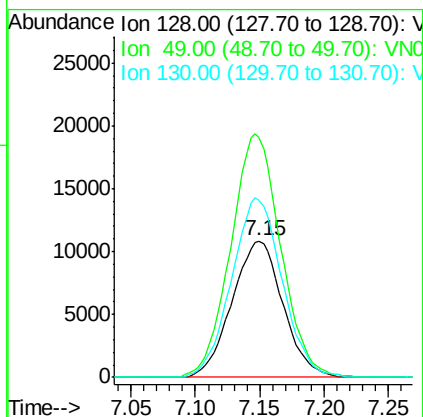
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tot Ion	Ratio	Lower	Upper
128	100		
49	175.4	0.0	437.5
130	131.1	0.0	327.3

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

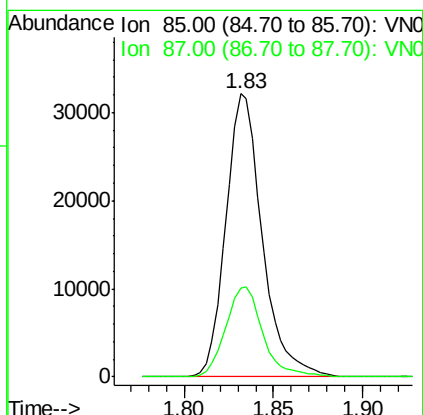
Manual Integrations
APPROVED

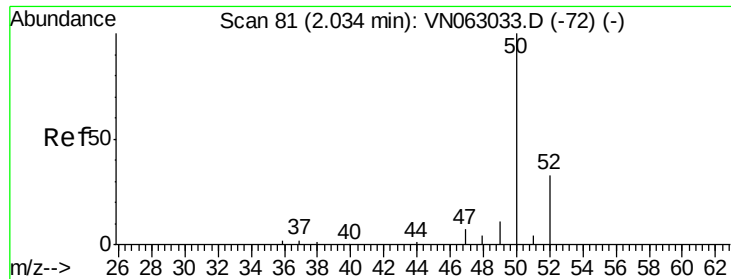
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#2
Dichlorodifluoromethane
Concen: 21.370 ug/l
RT: 1.83 min Scan# 18
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.5	16.9	50.6





#3

Chloromethane

Concen: 20.971 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

Tot Ion: 50 Resp: 49291

Ion Ratio Lower Upper

50 100

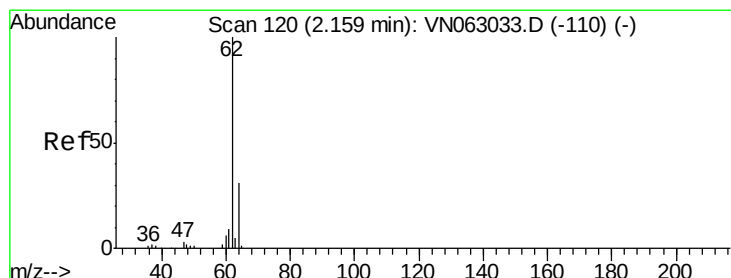
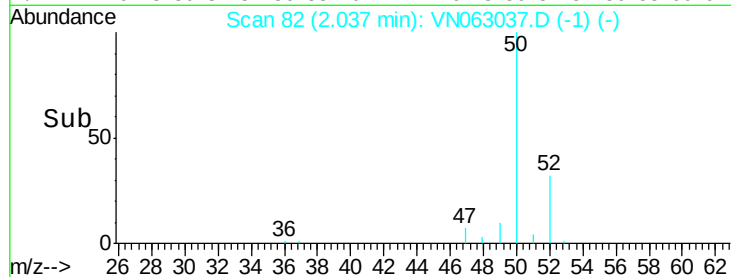
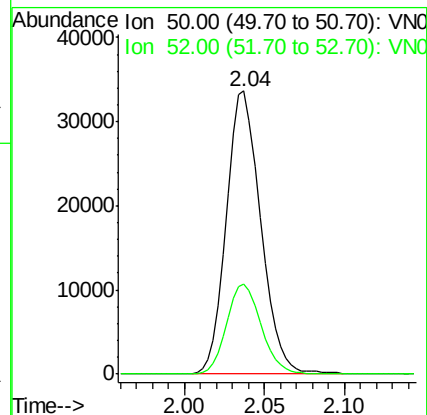
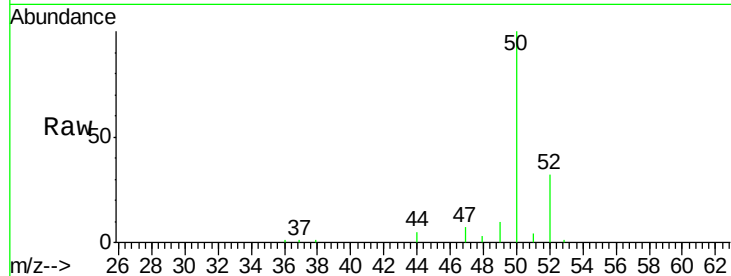
52 32.0 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.254 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN063037.D

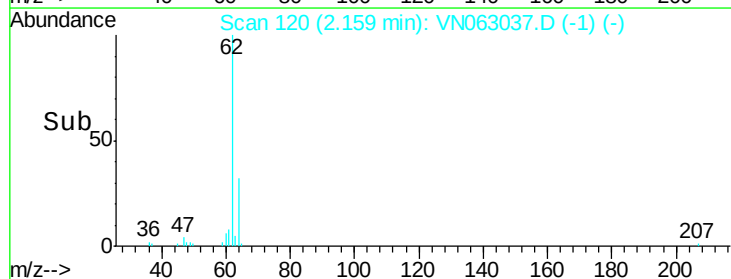
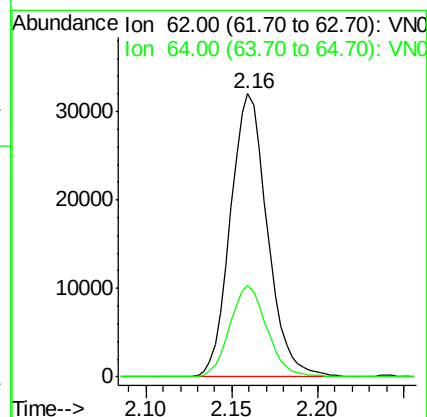
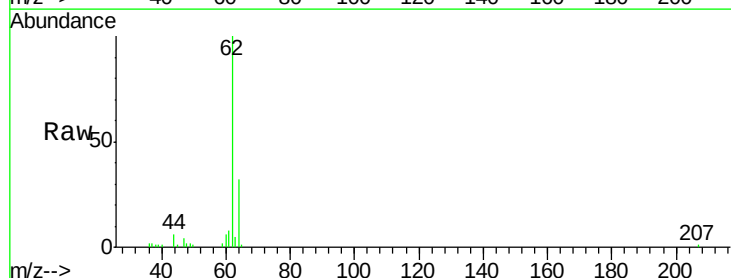
Acq: 20 Aug 2020 15:36

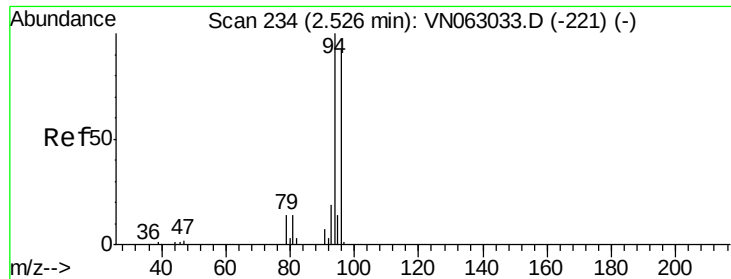
Tgt Ion: 62 Resp: 47924

Ion Ratio Lower Upper

62 100

64 32.2 25.0 37.4





#5

Bromomethane

Concen: 21.203 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

Tot Ion: 94 Resp: 30925

Ion Ratio Lower Upper

94 100

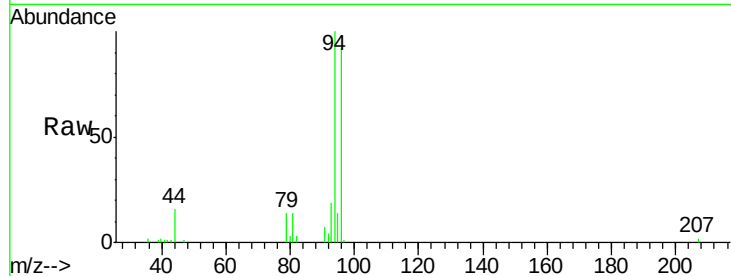
96 92.0 74.0 111.0

Manual Integrations

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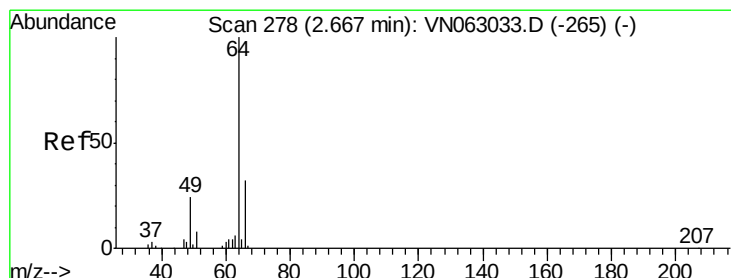
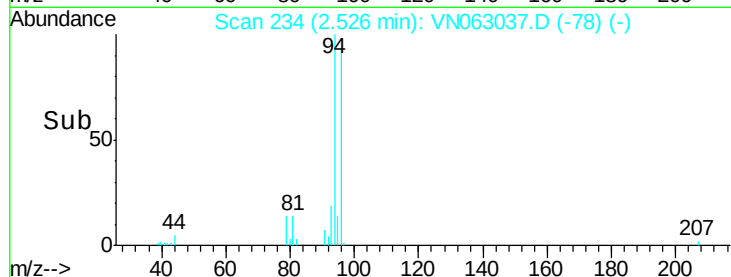
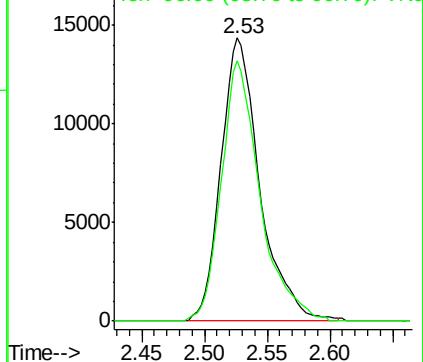
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 20.466 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN063037.D

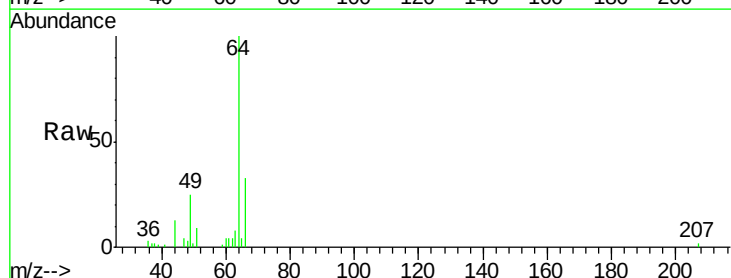
Acq: 20 Aug 2020 15:36

Tgt Ion: 64 Resp: 28621

Ion Ratio Lower Upper

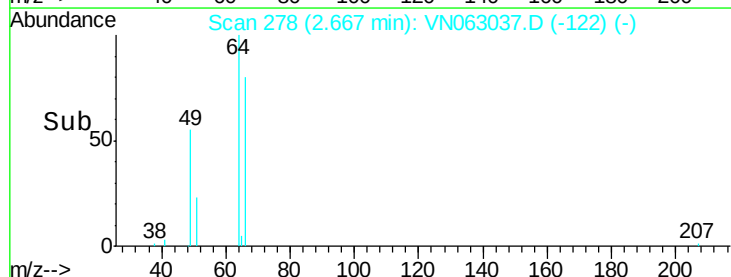
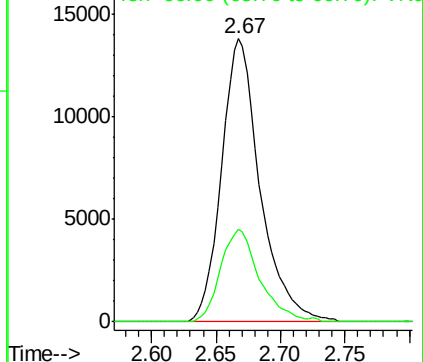
64 100

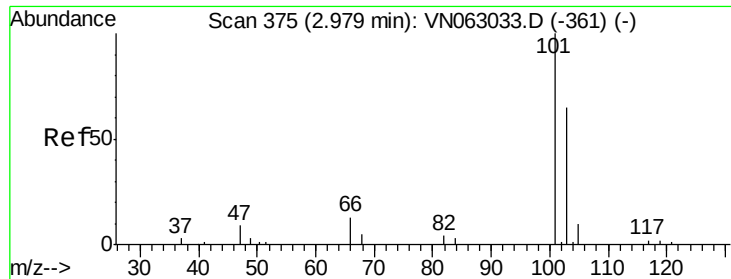
66 32.8 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

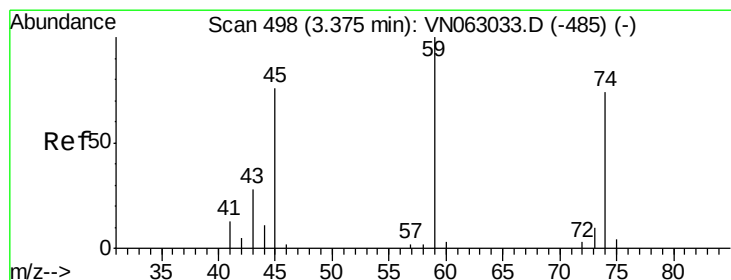
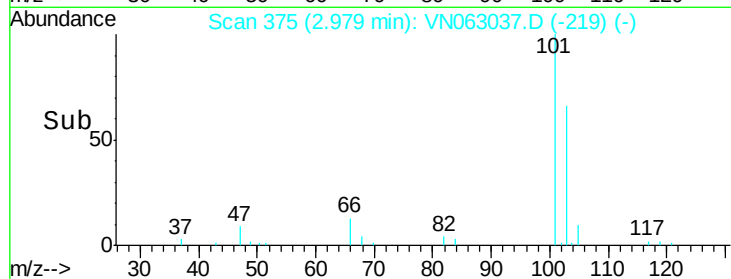
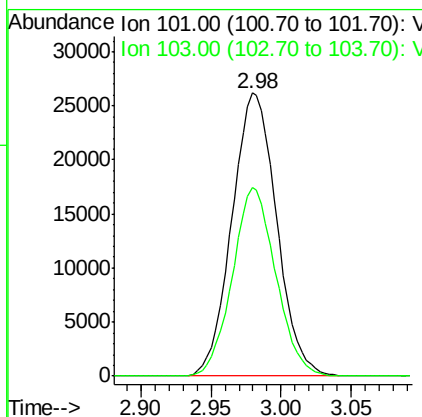
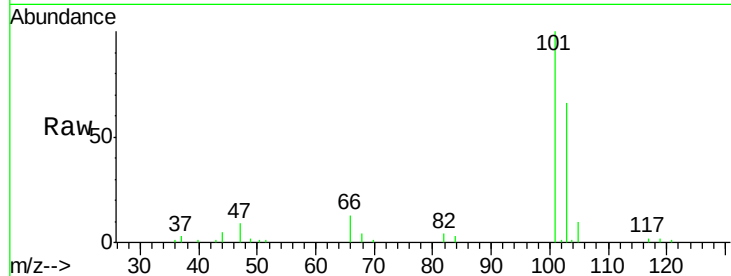
Trichlorofluoromethane
 Concen: 20.392 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.5	51.9	77.9

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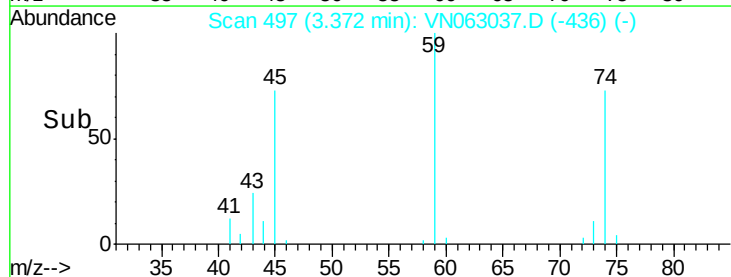
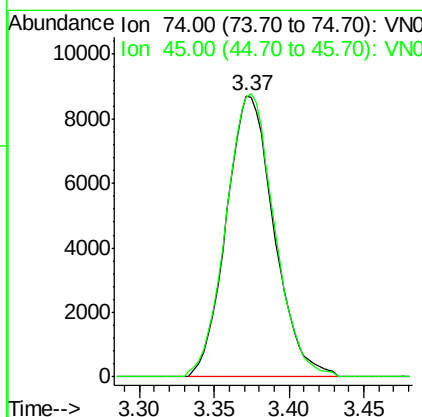
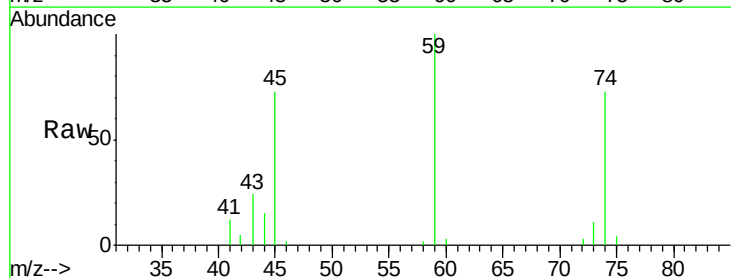
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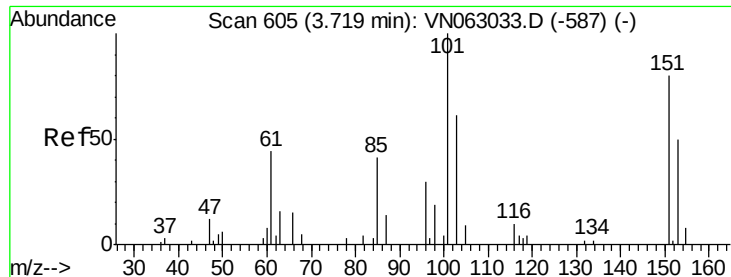


#8

Diethyl Ether
 Concen: 20.422 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	20.6	185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.644 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

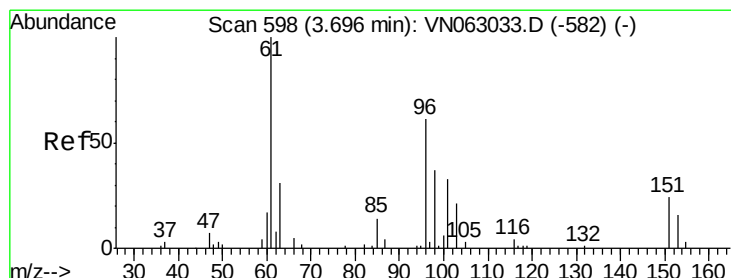
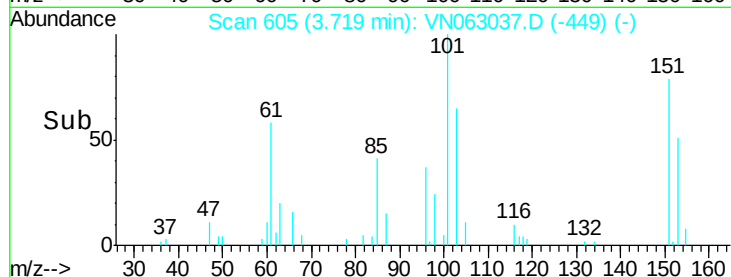
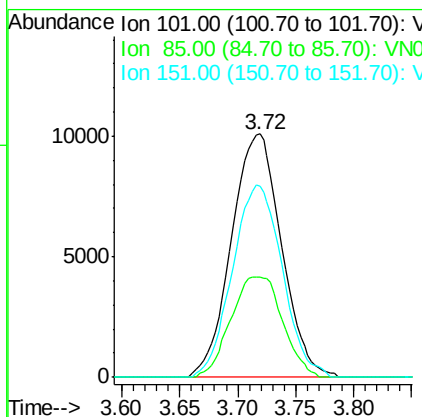
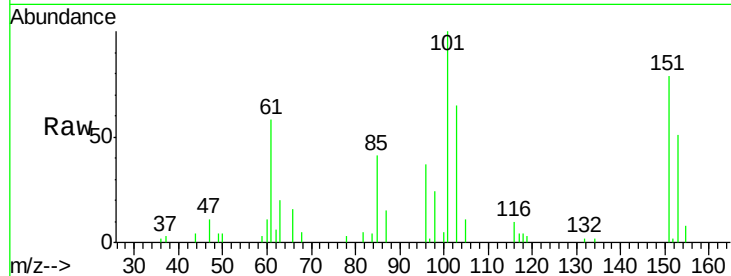
ClientSampleId :

VN0820WBSD01

Tot Ion:	101	Resp:	30308
Ion Ratio	Lower	Upper	
101	100		
85	27.1	0.0	85.0
151	78.7	0.0	161.6

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#10

1,1-Dichloroethene

Concen: 19.456 ug/l

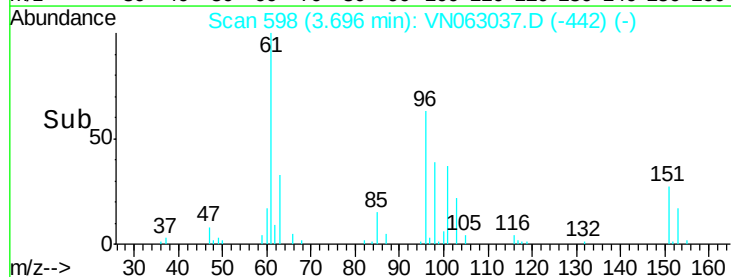
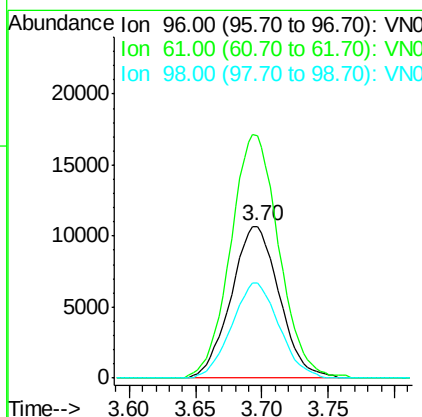
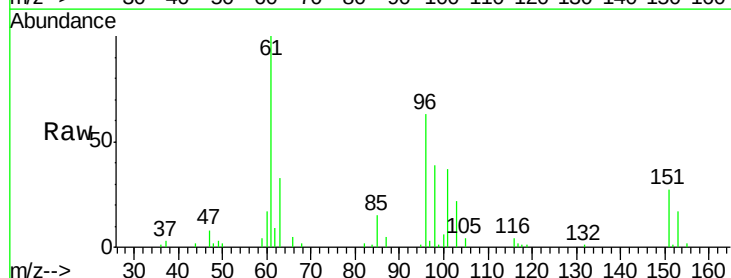
RT: 3.70 min Scan# 598

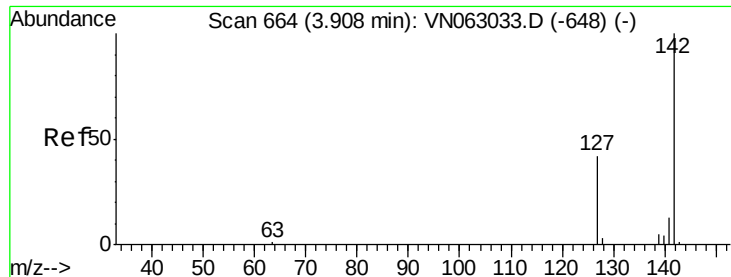
Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Tgt Ion:	96	Resp:	26973
Ion Ratio	Lower	Upper	
96	100		
61	157.7	130.8	196.2
98	62.4	49.0	73.4





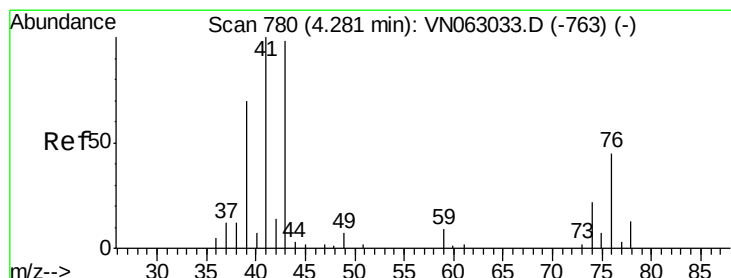
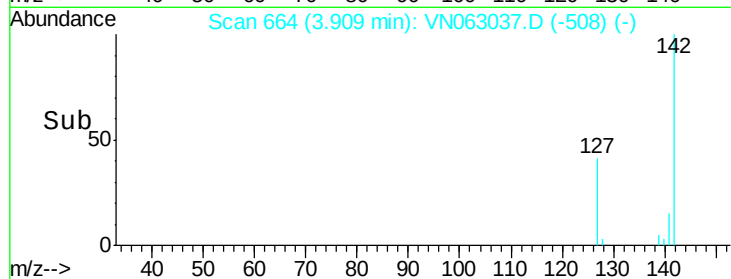
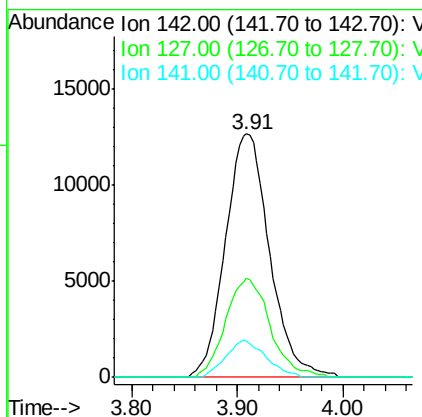
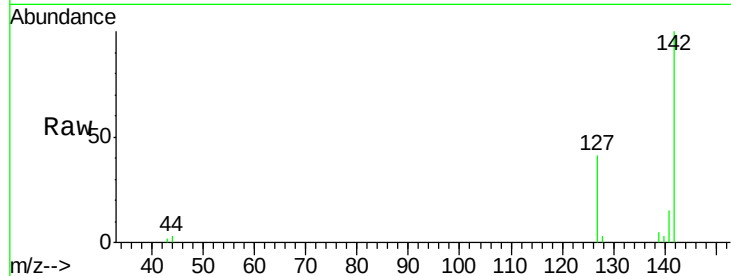
#11
Methvl Iodide
Concen: 19.350 ug/l
RT: 3.91 min Scan# 664
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.5	20.9	62.8
141	15.1	6.7	20.1

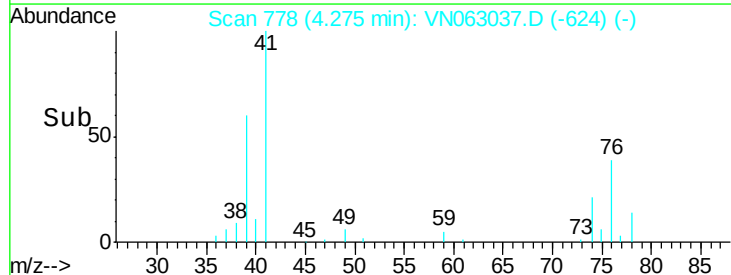
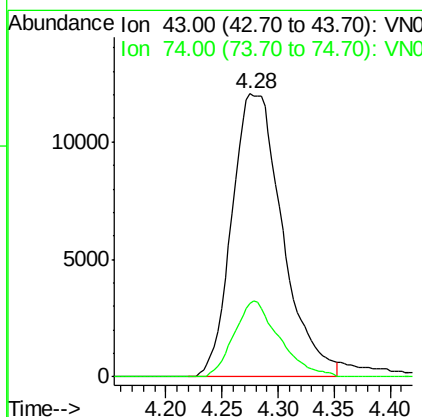
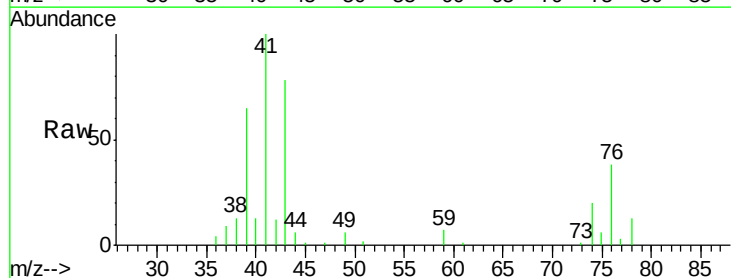
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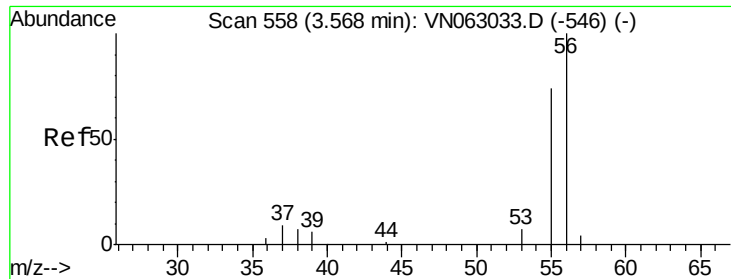
MMDadoda
8/21/2020 9:21:11 AM



#12
Methyl Acetate
Concen: 20.429 ug/l m
RT: 4.28 min Scan# 778
Delta R.T. -0.01 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	18.6	27.8





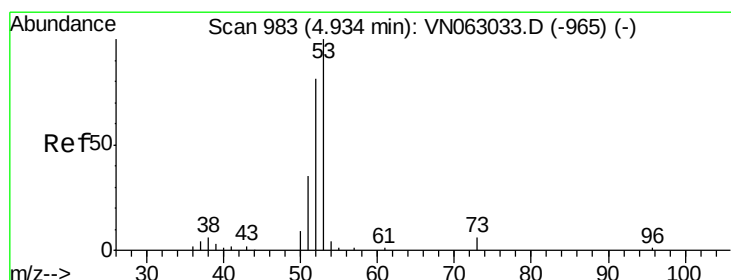
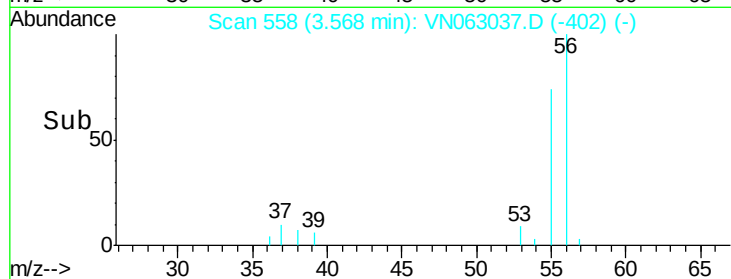
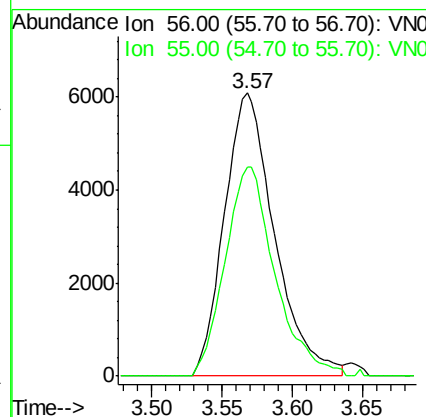
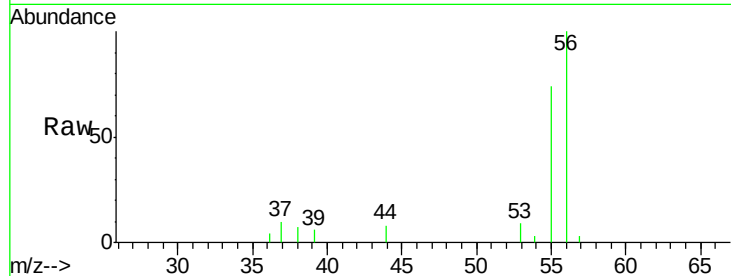
#13
Acrolein
Concen: 79.785 ug/l
RT: 3.57 min Scan# 558
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	73.2	58.7	88.1	

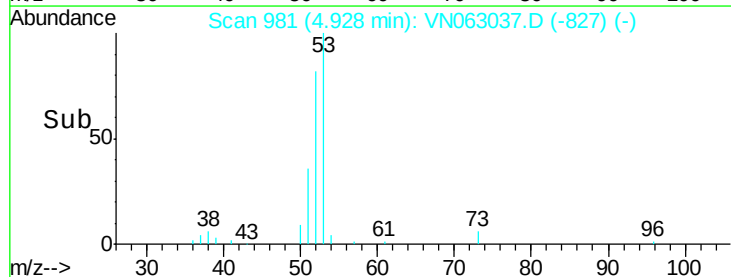
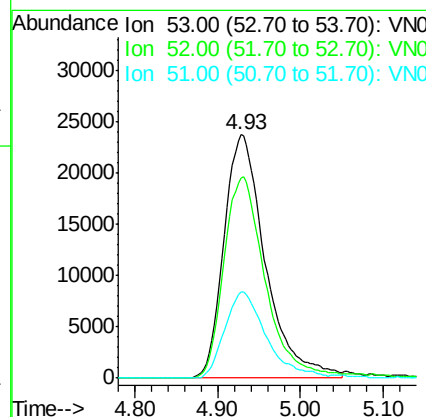
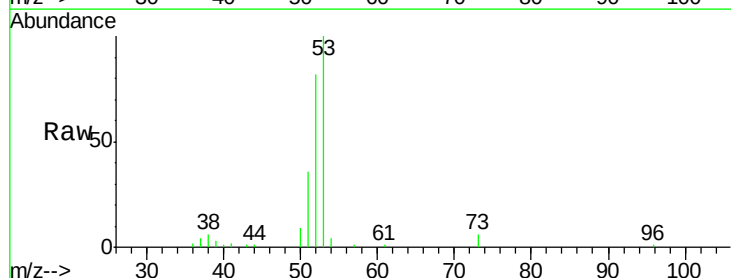
Manual Integrations
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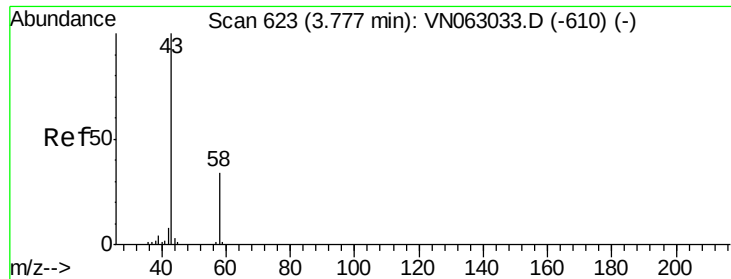
MMDadoda
8/21/2020 9:21:11 AM



#14
Acrylonitrile
Concen: 102.043 ug/l
RT: 4.93 min Scan# 981
Delta R.T. -0.01 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	81.9	39.9	119.7	
51	35.5	17.0	51.0	





#15

Acetone

Concen: 98.182 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

Tot Ion: 58 Resp: 22993

Ion Ratio Lower Upper

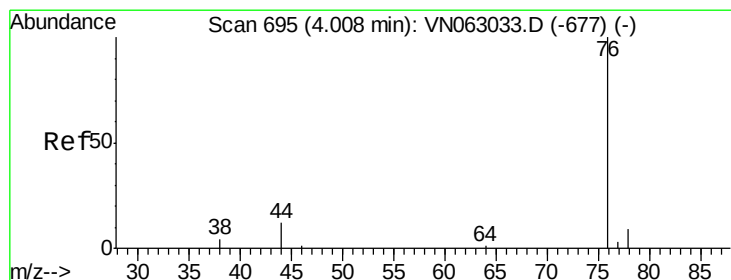
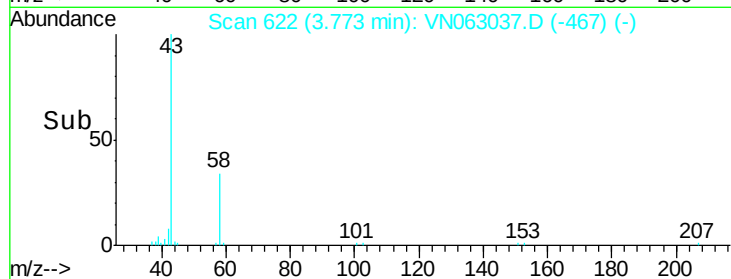
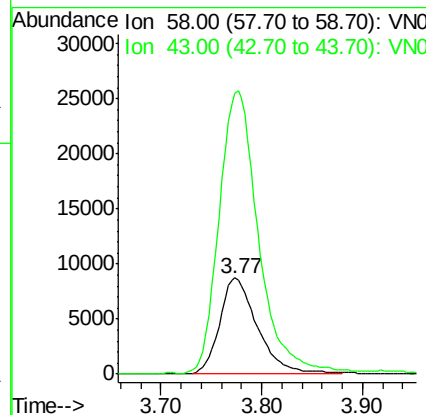
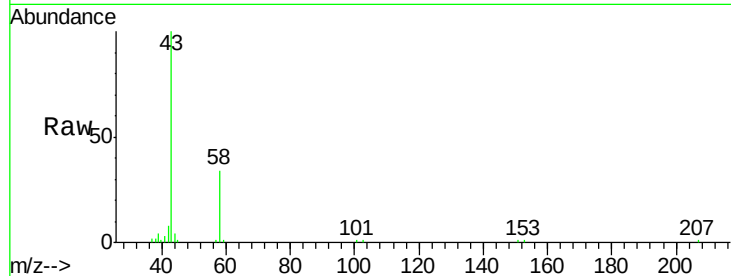
58 100

43 287.4 233.2 349.8

Manual Integrations
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#16

Carbon Disulfide

Concen: 19.802 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN063037.D

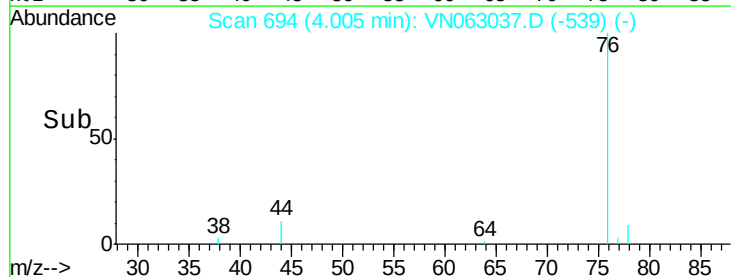
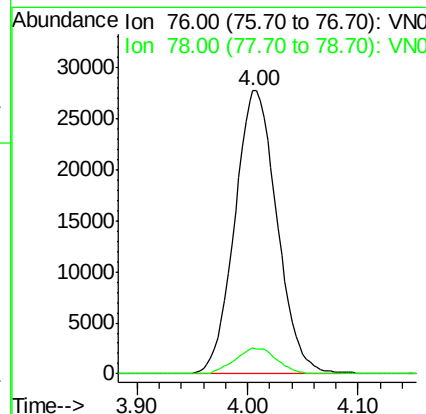
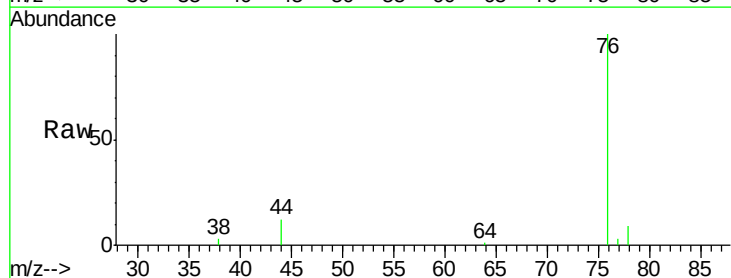
Acq: 20 Aug 2020 15:36

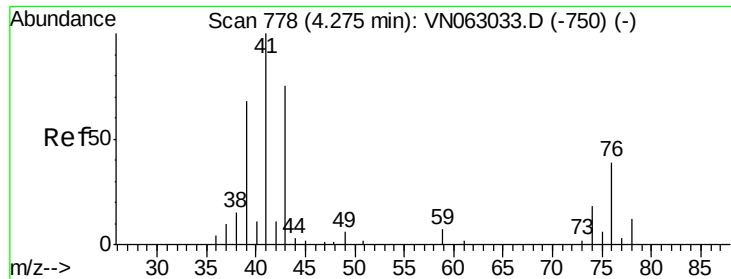
Tgt Ion: 76 Resp: 73698

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4





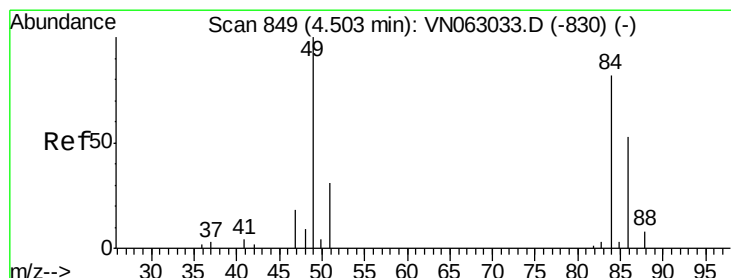
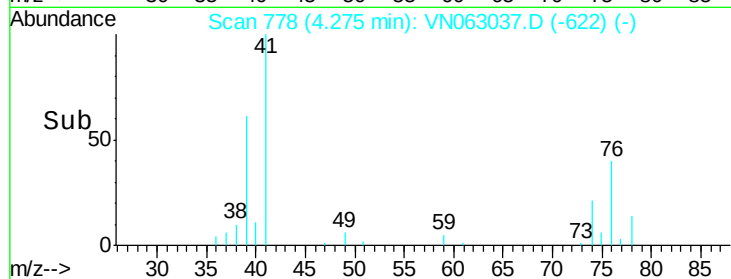
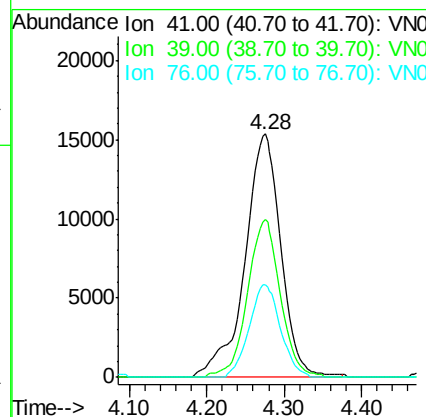
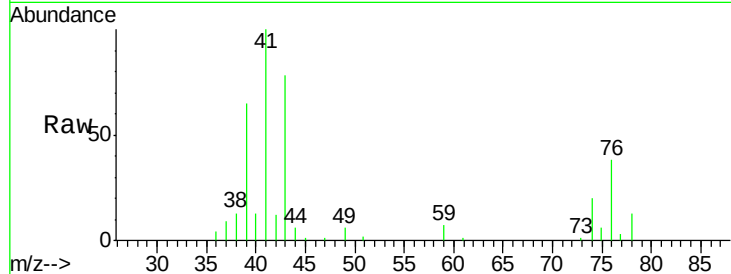
#17
Allvl chloride
Concen: 19.617 ug/l
RT: 4.28 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	64.8	33.8	101.4
76	37.9	19.4	58.4

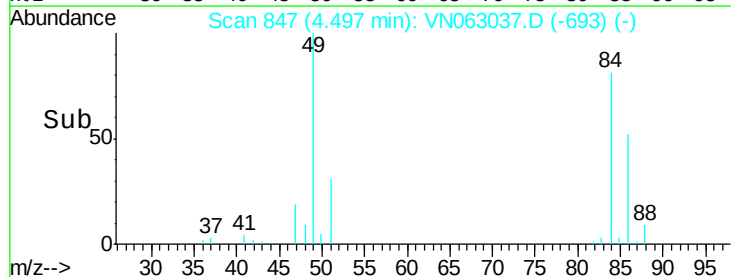
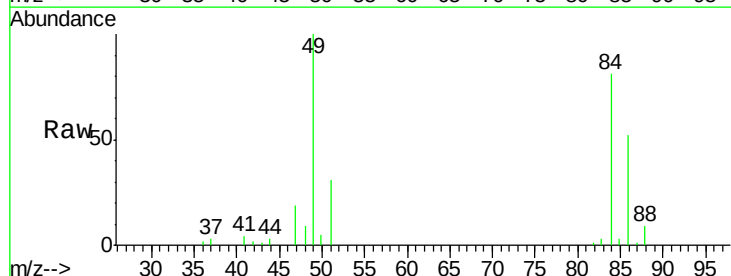
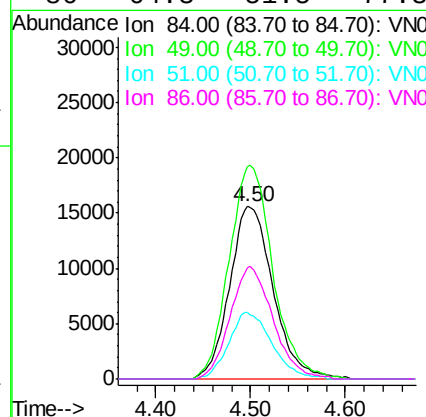
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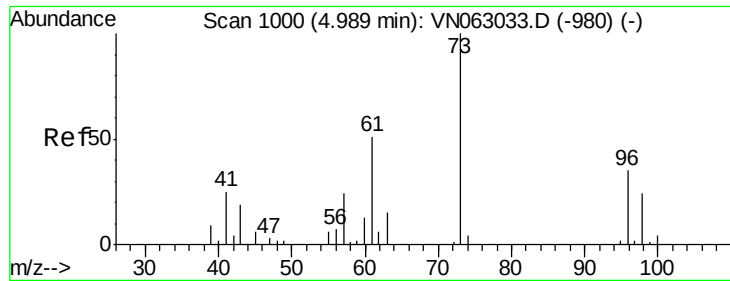
MMDadoda
8/21/2020 9:21:11 AM



#18
Methylene Chloride
Concen: 25.745 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.01 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.3	97.8	146.8
51	38.6	30.7	46.1
86	64.3	51.5	77.3





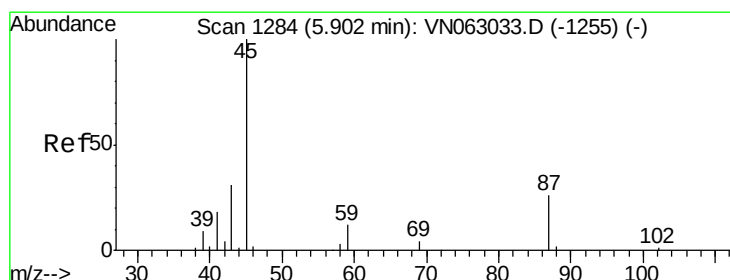
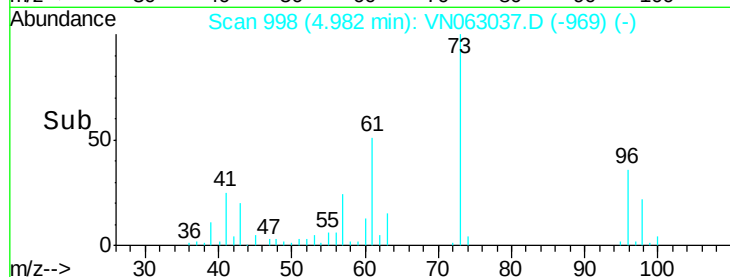
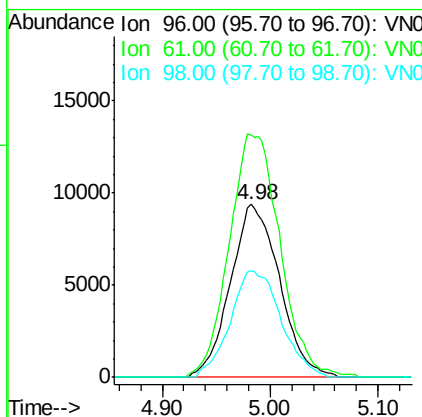
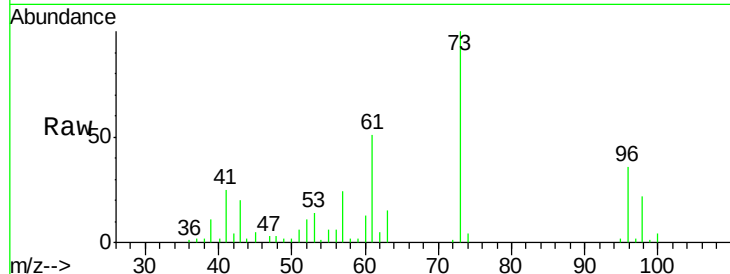
#19
trans-1,2-Dichloroethene
Concen: 19.494 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	115.9	173.9
98	62.0	53.3	79.9

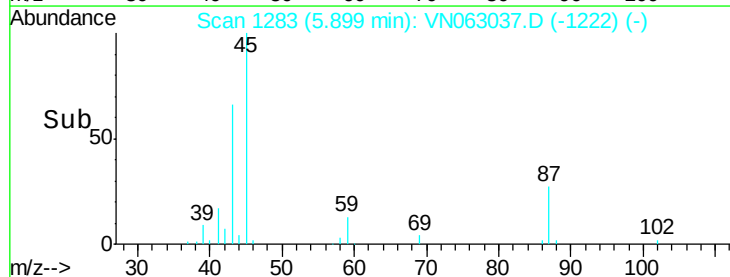
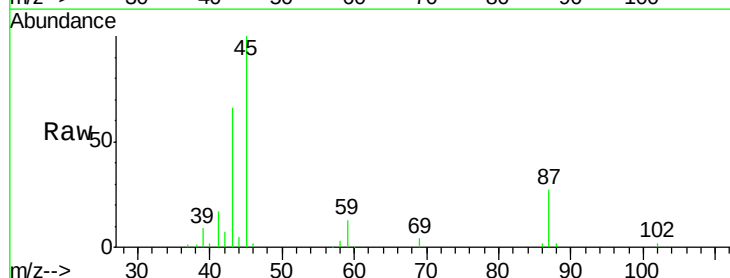
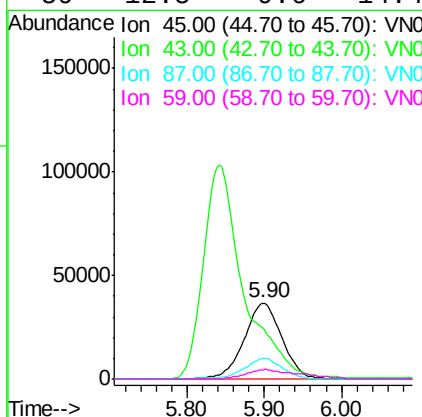
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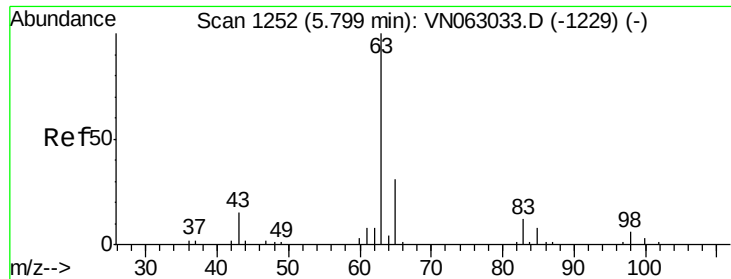
MMDadoda
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#20
Diisopropyl ether
Concen: 20.878 ug/l
RT: 5.90 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
45	100		
43	63.1	51.8	77.6
87	27.1	21.8	32.6
59	12.5	9.6	14.4





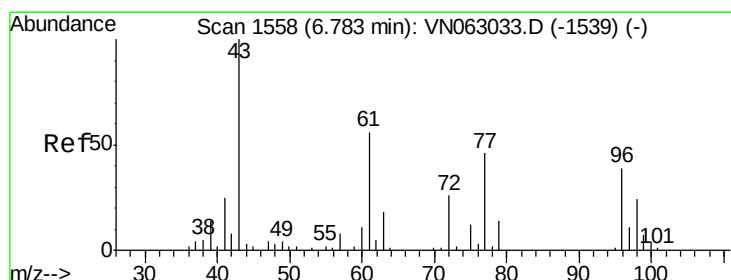
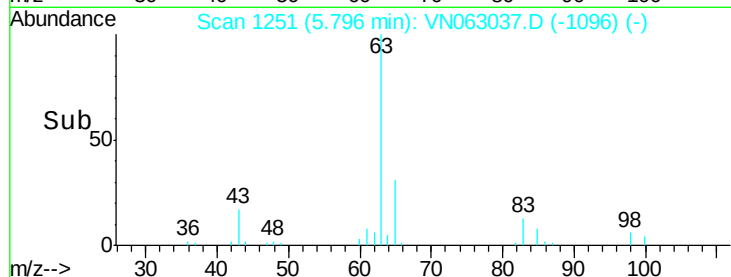
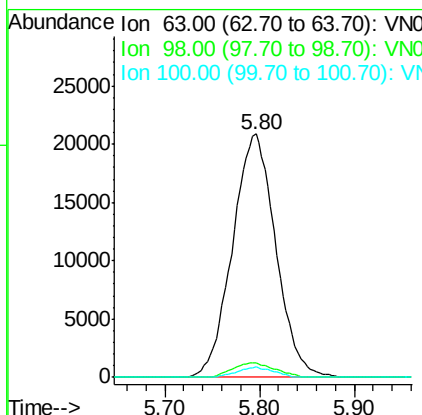
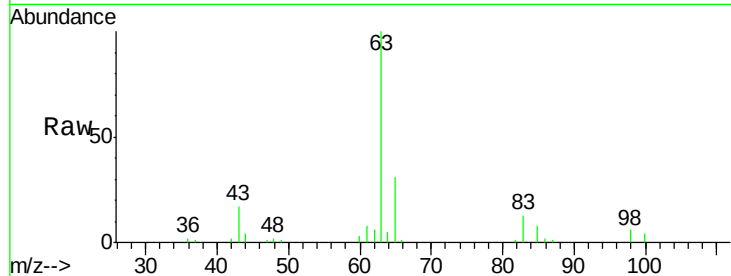
#21
 1,1-Dichloroethane
 Concen: 20.262 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	5.7	3.1	9.3	
100	4.2	1.8	5.3	

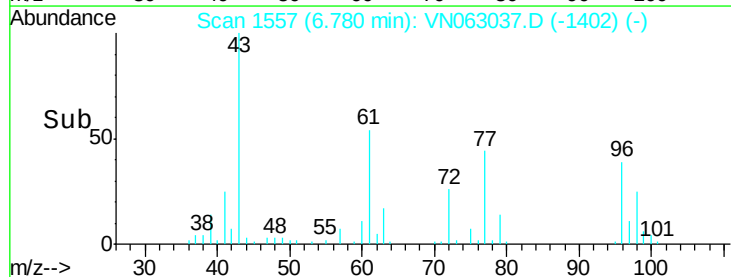
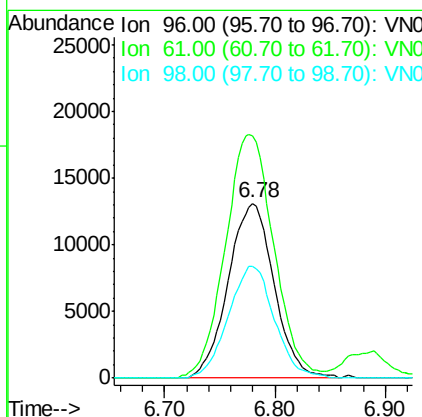
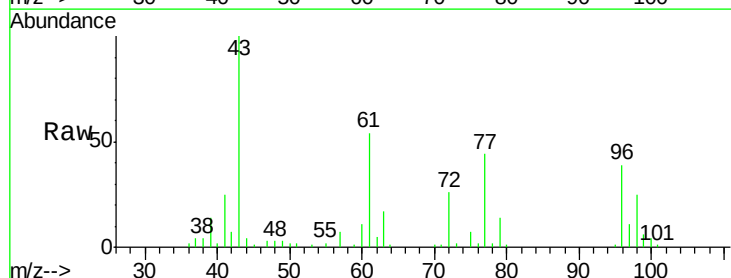
Manual Integrations
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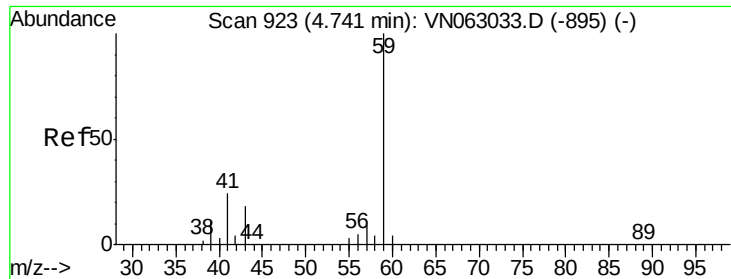
MMDadoda
 8/21/2020 9:21:11 AM



#22
 cis-1,2-Dichloroethene
 Concen: 19.992 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.3	120.9	181.3	
98	64.5	50.3	75.5	





#23

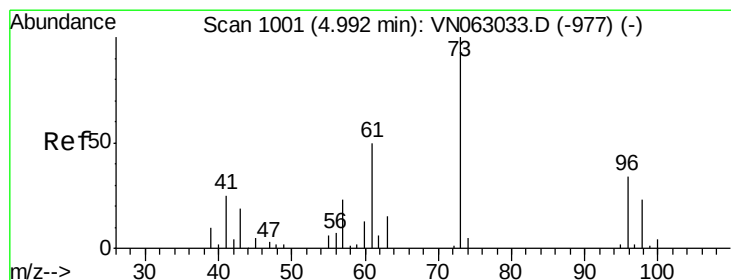
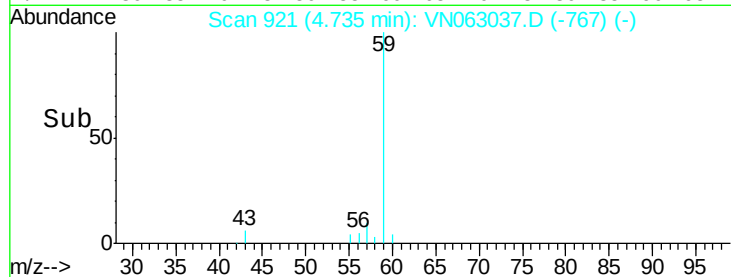
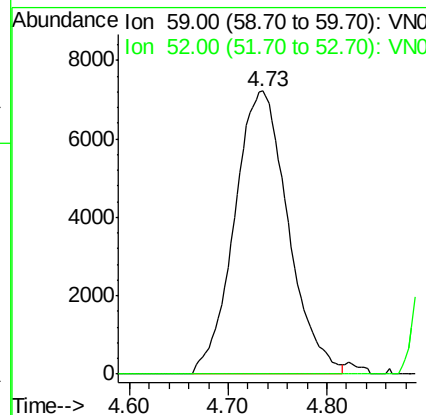
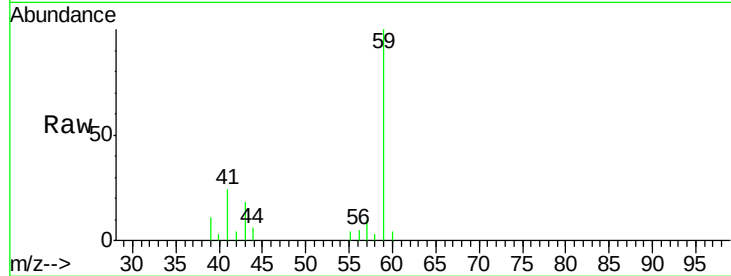
tert-Butyl Alcohol
 Concen: 102.820 ug/l
 RT: 4.73 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Manual Integrations
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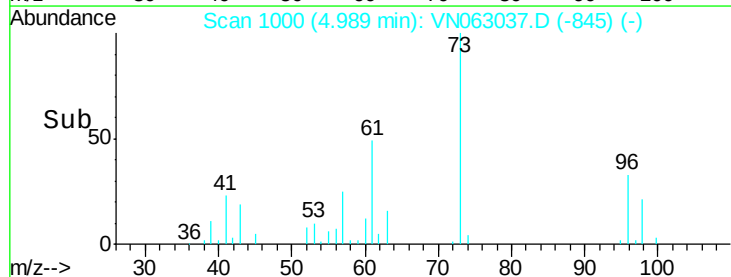
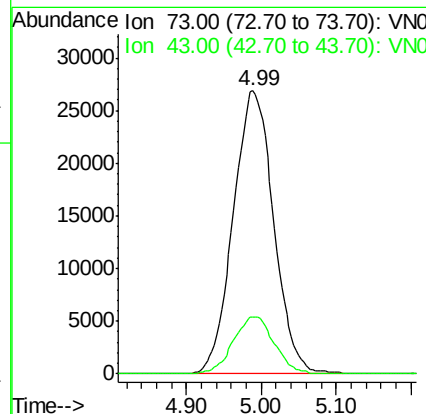
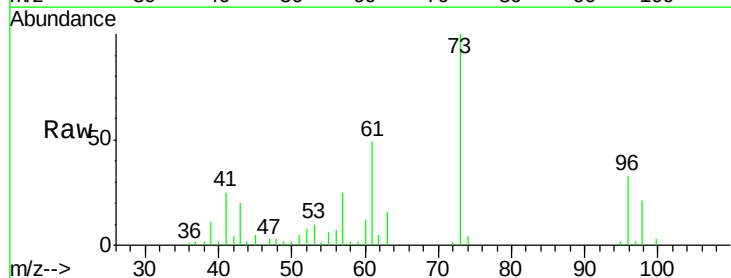
MMDadoda
 8/21/2020 9:21:11 AM

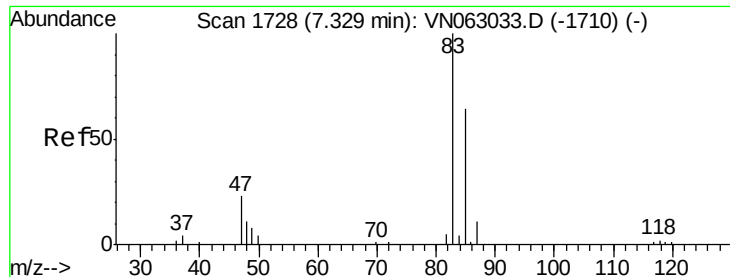


#24

Methyl tert-Butyl Ether
 Concen: 19.890 ug/l
 RT: 4.99 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.3	15.8	23.6





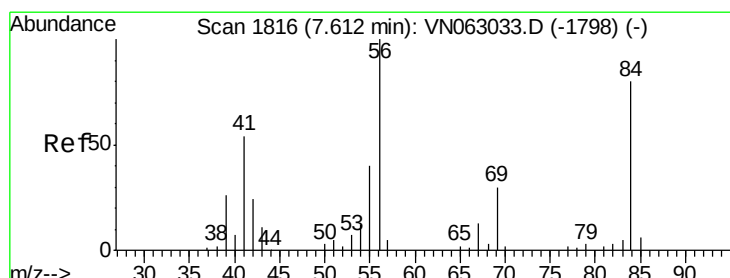
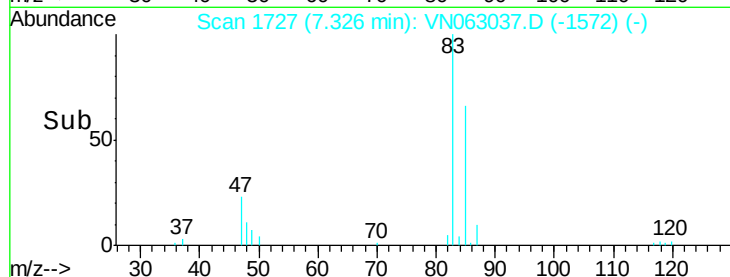
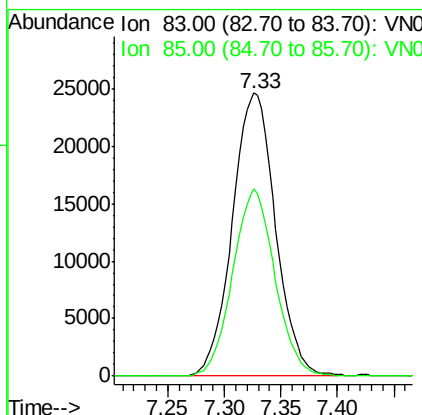
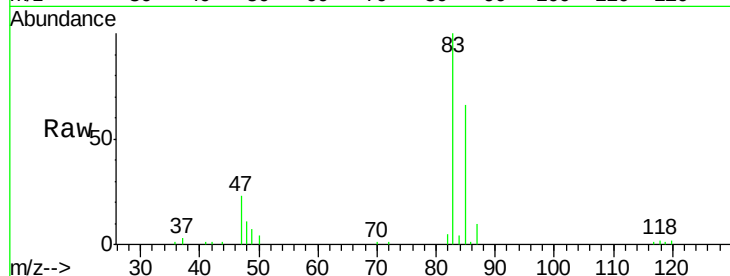
#25
Chloroform
Concen: 20.022 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion: 83 Resp: 65202
Ion Ratio Lower Upper
83 100
85 66.0 51.0 76.4

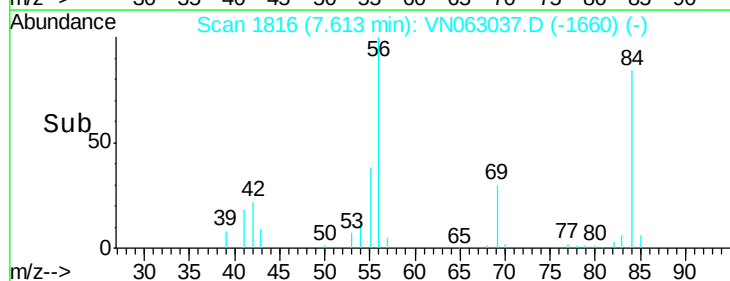
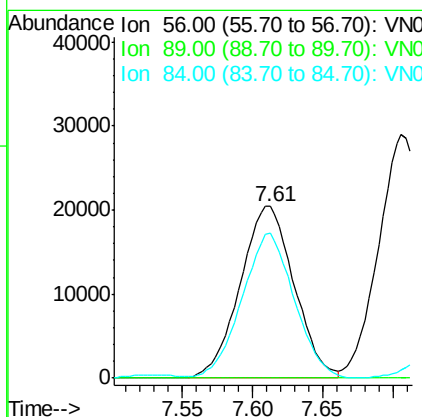
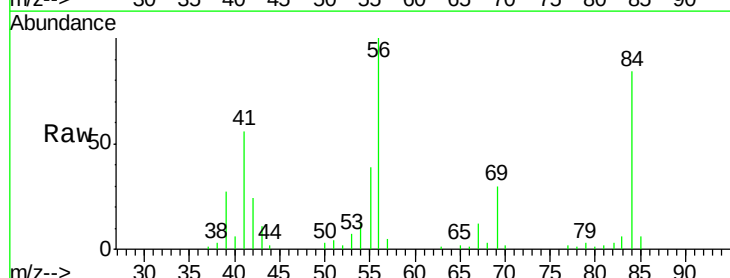
Manual Integrations
APPROVED

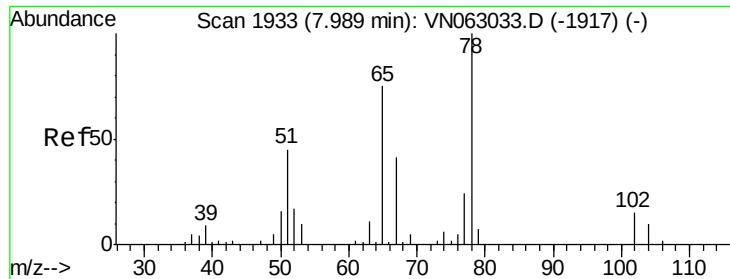
MMDadoda
8/21/2020 9:21:11 AM



#26
Cyclohexane
Concen: 19.389 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 56 Resp: 54579
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.0 65.0 97.4





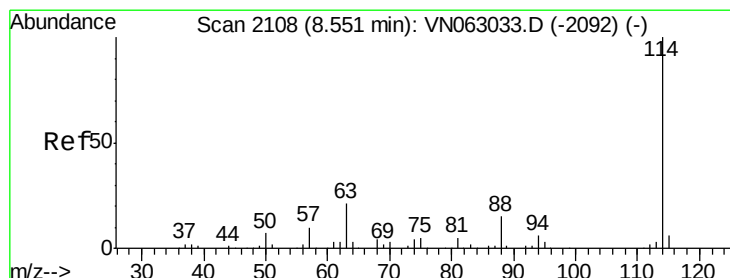
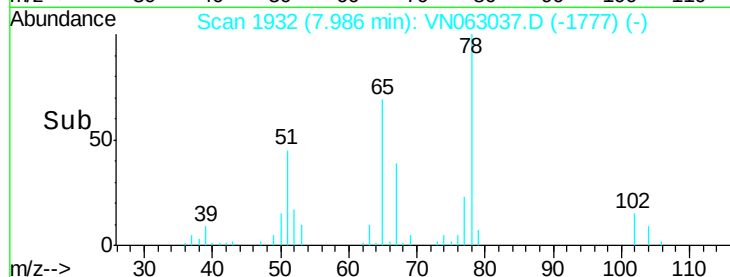
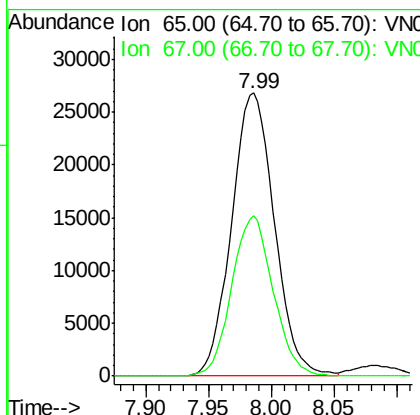
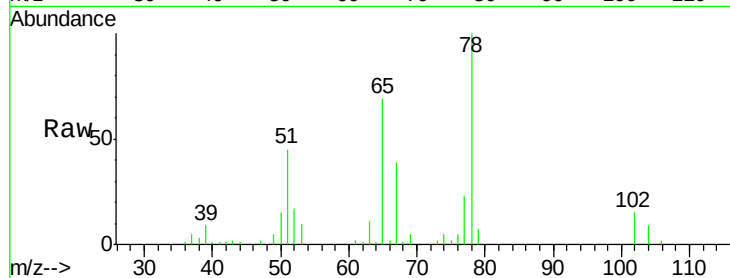
#27
 1,2-Dichloroethane-d4
 Concen: 30.185 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.7	43.8	65.6

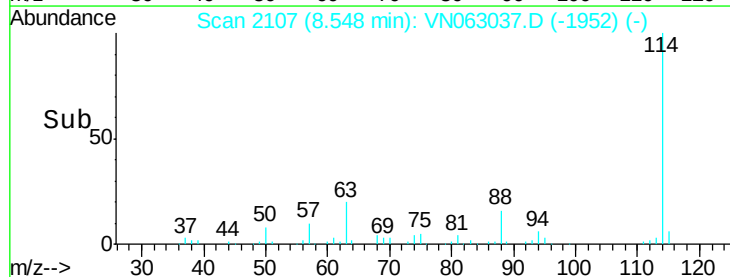
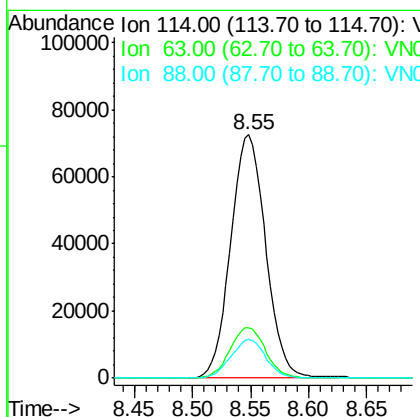
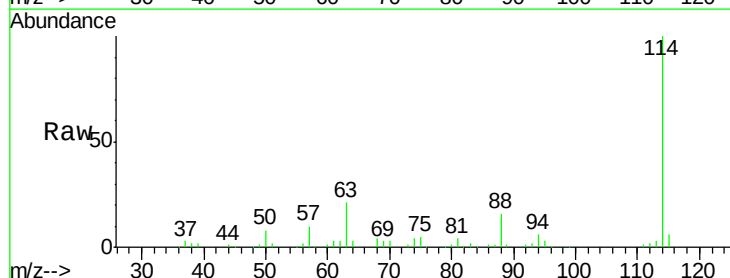
Manual Integrations
 APPROVED

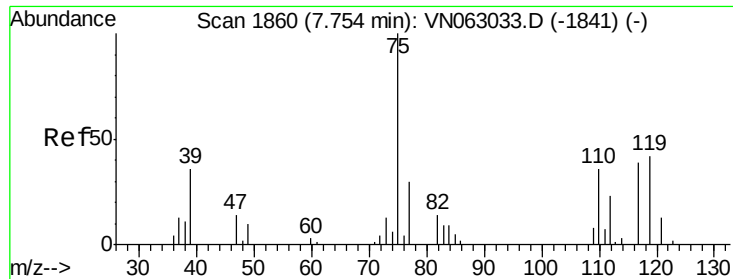
MMDadoda
 8/21/2020 9:21:11 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	17.0	25.6
88	15.7	12.6	18.8





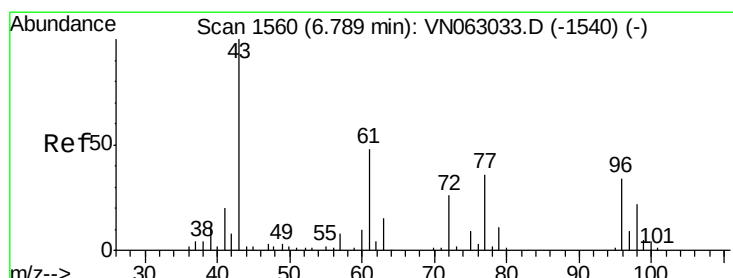
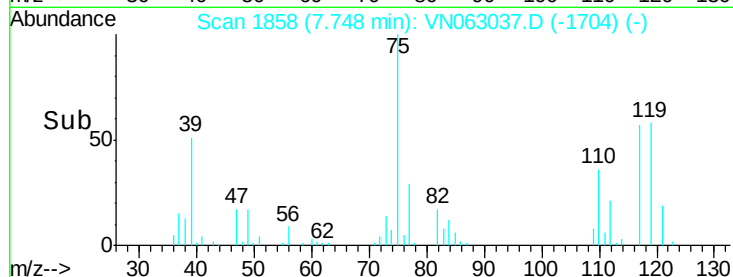
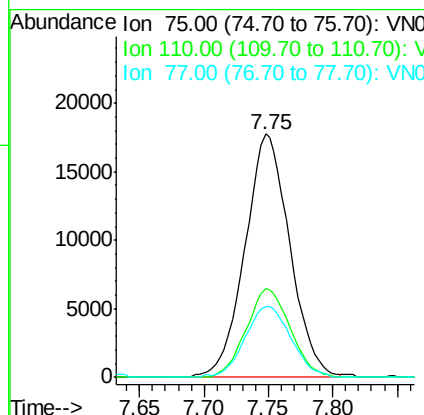
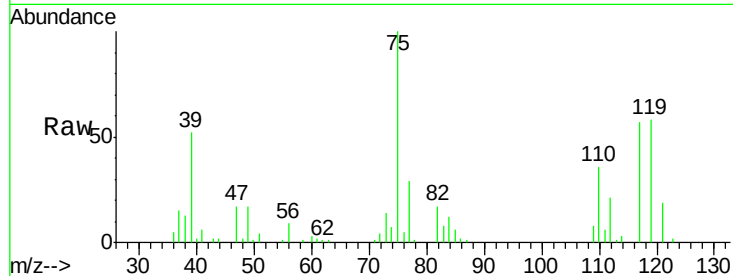
#29
 1,1-Dichloropropene
 Concen: 19.396 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
75	100	42948		
110	35.7	0.0	70.6	
77	29.8	0.0	60.2	

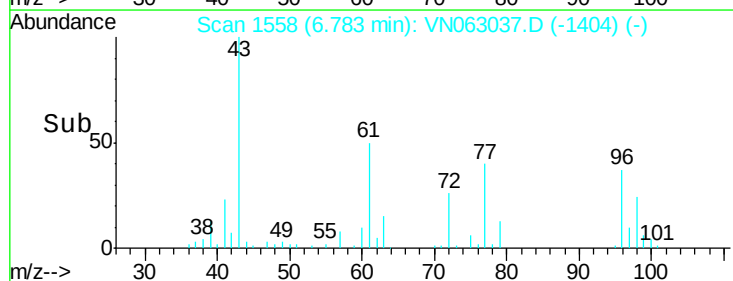
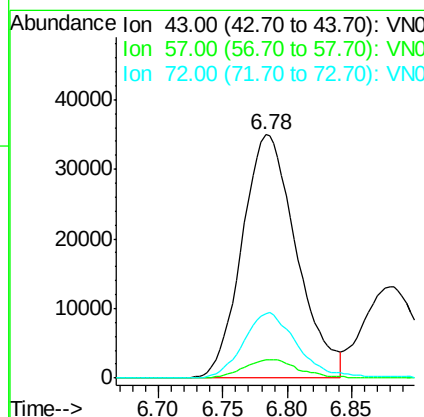
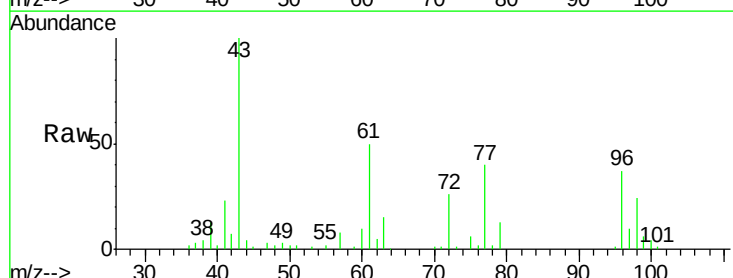
Manual Integrations
 APPROVED

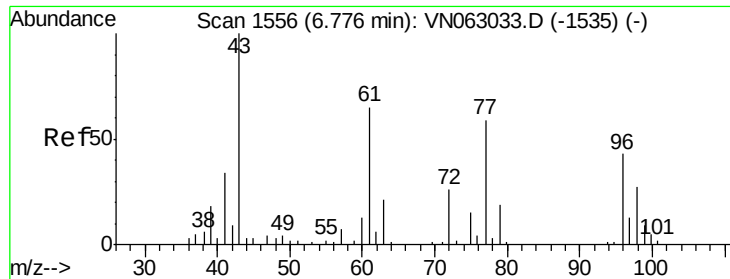
MMDadoda
 8/21/2020 9:21:11 AM



#30
 2-Butanone
 Concen: 99.541 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.01 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	102731		
57	7.7	6.6	9.8	
72	26.6	21.3	31.9	





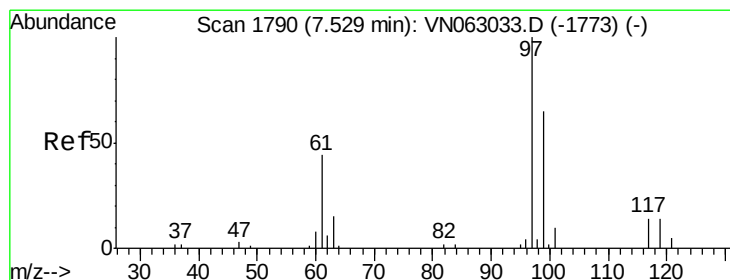
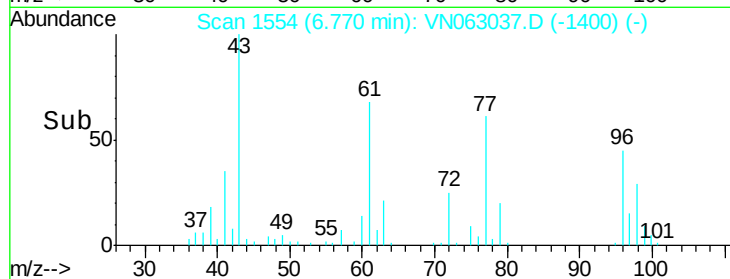
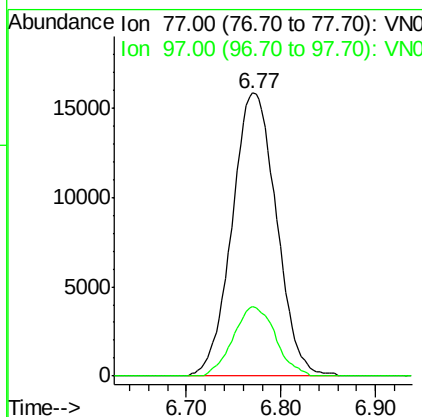
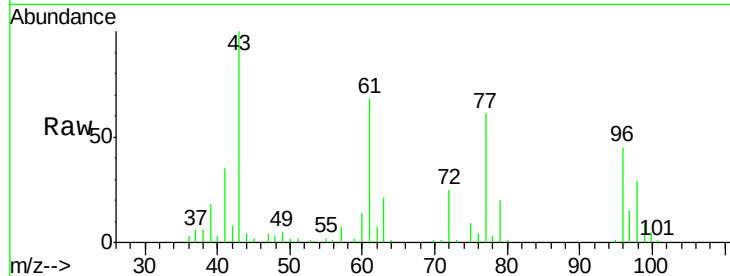
#31
 2,2-Dichloropropane
 Concen: 19.178 ug/l
 RT: 6.77 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0820WBSD01

Tot Ion: 77 Resp: 51616
 Ion Ratio Lower Upper
 77 100
 97 23.4 18.2 27.4

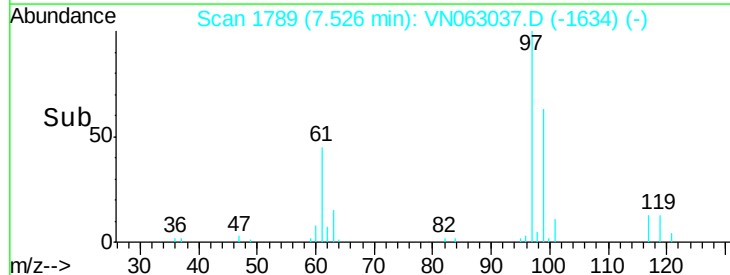
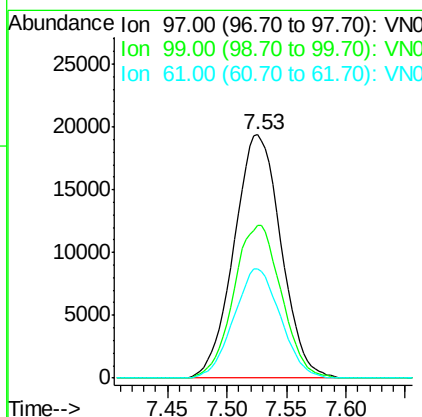
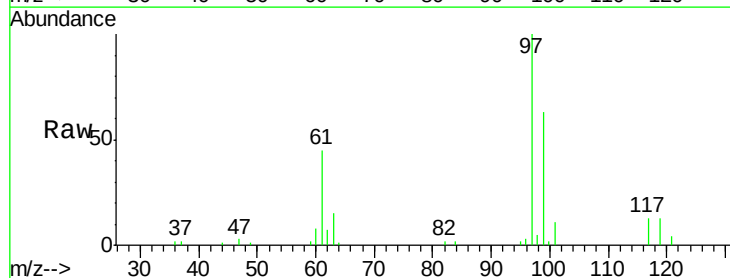
Manual Integrations
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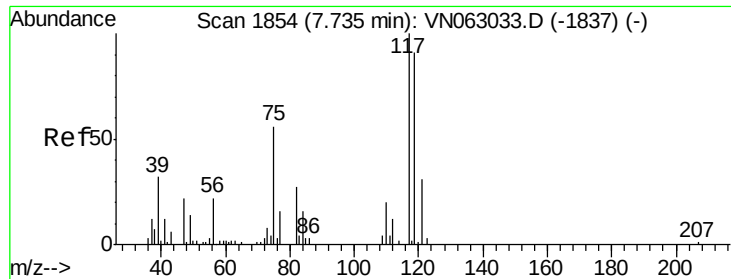
MMDadoda
 8/21/2020 9:21:11 AM



#32
 1,1,1-Trichloroethane
 Concen: 19.913 ug/l
 RT: 7.53 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion: 97 Resp: 53105
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.7 77.5
 61 44.5 35.3 52.9





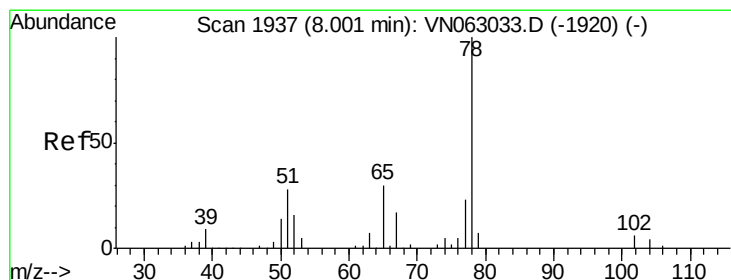
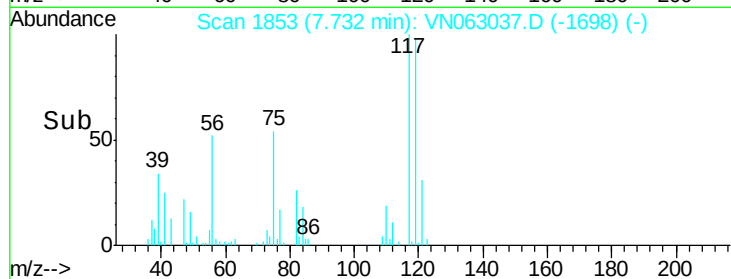
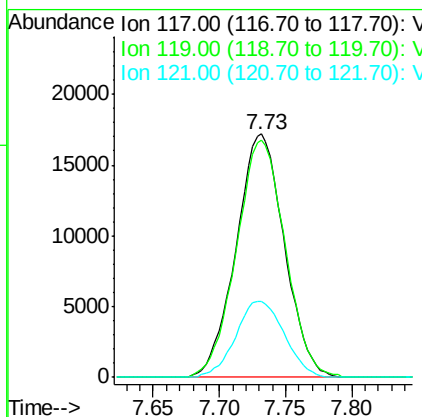
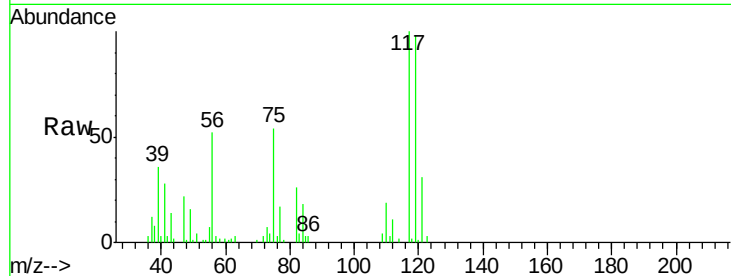
#33
Carbon Tetrachloride
Concen: 19.128 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.6	73.0	109.4
121	31.2	24.9	37.3

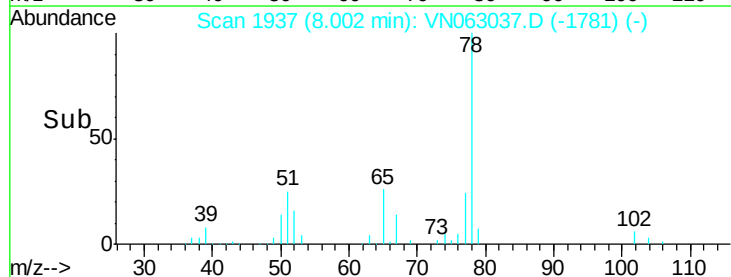
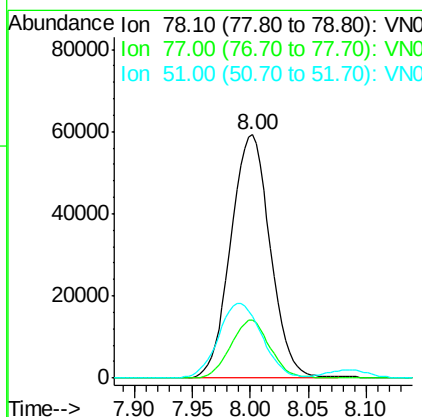
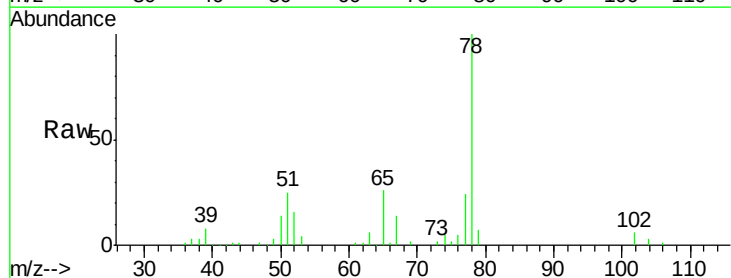
Manual Integrations
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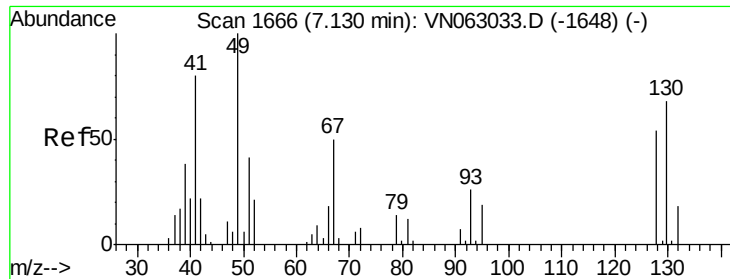
MMDadoda
8/21/2020 9:21:11 AM



#34
Benzene
Concen: 19.769 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	27.8
51	24.4	22.2	33.2





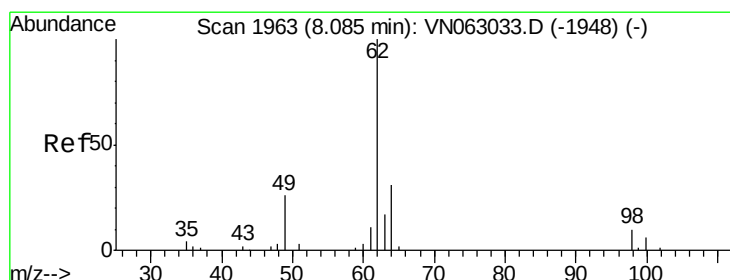
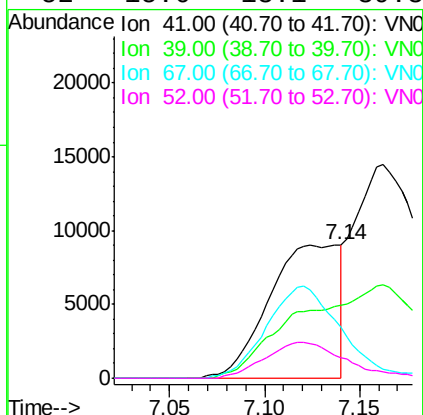
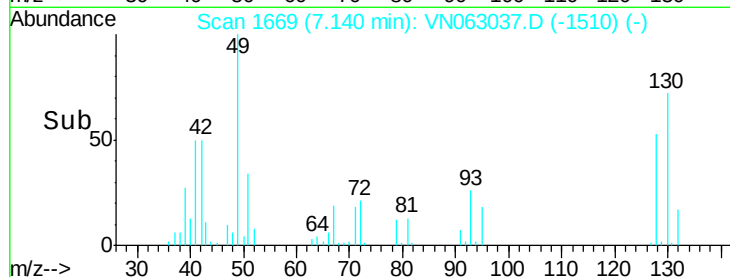
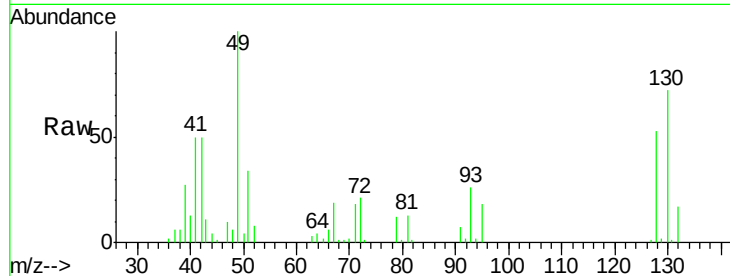
#35
Methacrylonitrile
Concen: 23.724 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. 0.01 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion:	41	Resp:	23270
Ion	Ratio	Lower	Upper
41	100		
39	54.3	23.7	71.1
67	37.9	31.6	94.7
52	15.6	13.1	39.3

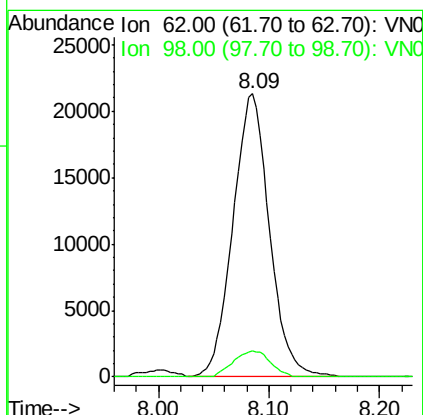
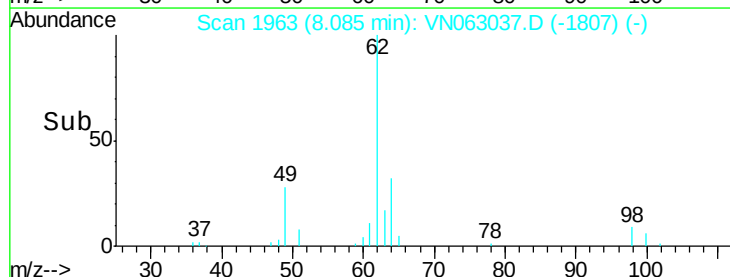
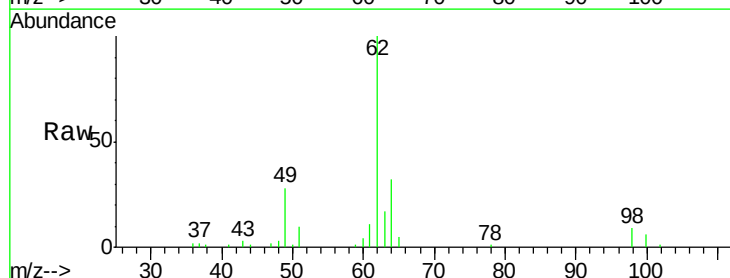
Manual Integrations
APPROVED

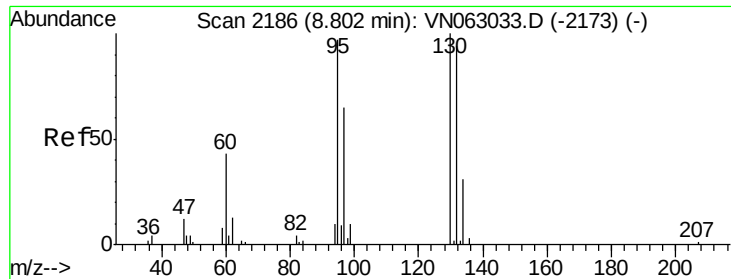
MMDadoda
8/21/2020 9:21:11 AM



#36
1,2-Dichloroethane
Concen: 20.174 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion:	62	Resp:	48837
Ion	Ratio	Lower	Upper
62	100		
98	9.4	7.6	11.4





#37

Trichloroethene

Concen: 19.640 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

VN0820WBSD01

Tot Ion:130 Resp: 34130

Ion Ratio Lower Upper

130 100

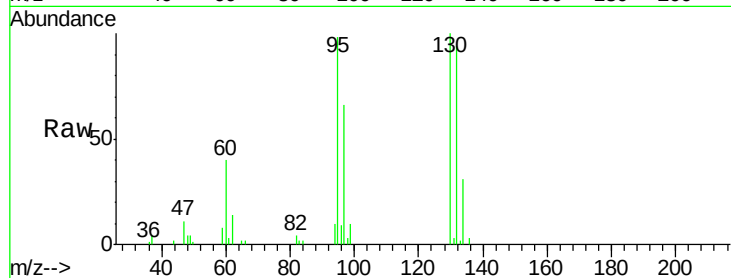
95 98.0 78.9 118.3

Manual Integrations

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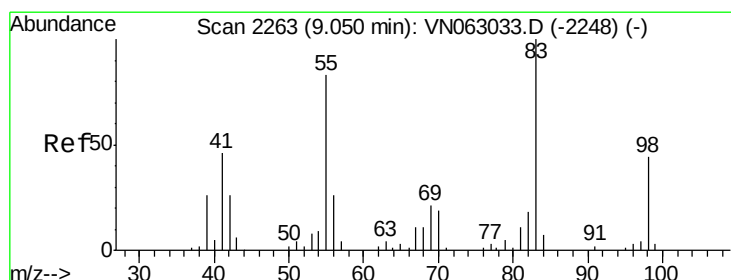
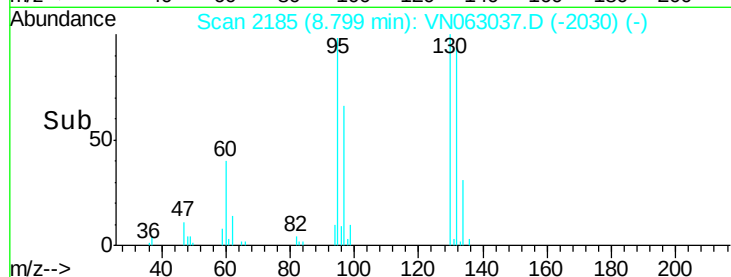
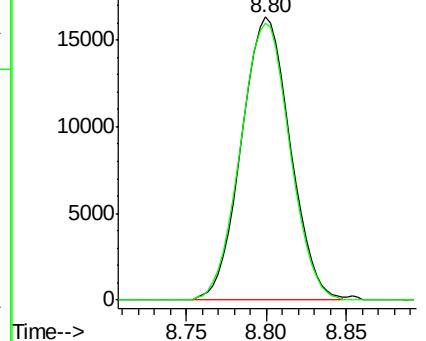
MMDadoda

8/21/2020 9:21:11 AM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0



#38

Methylcyclohexane

Concen: 18.940 ug/l

RT: 9.04 min Scan# 2261

Delta R.T. -0.01 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

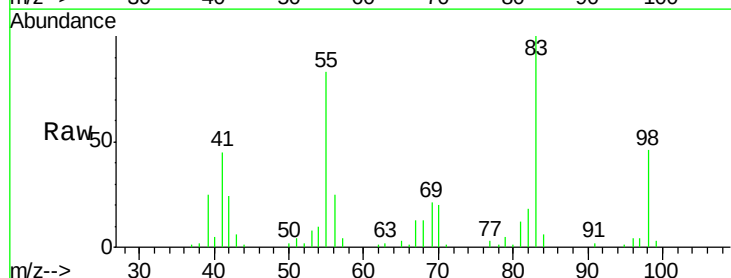
Tgt Ion: 83 Resp: 52601

Ion Ratio Lower Upper

83 100

55 84.0 41.9 125.7

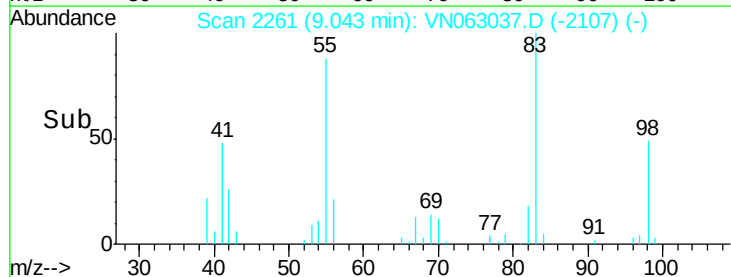
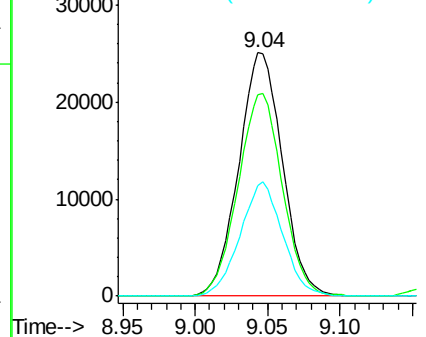
98 45.5 22.2 66.6

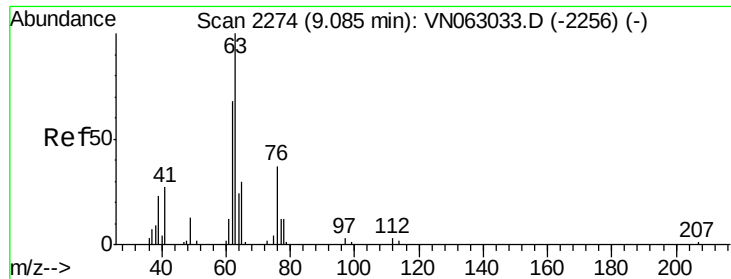


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#39

1,2-Dichloropropane

Concen: 19.811 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

Tot Ion: 63 Resp: 40912

Ion Ratio Lower Upper

63 100

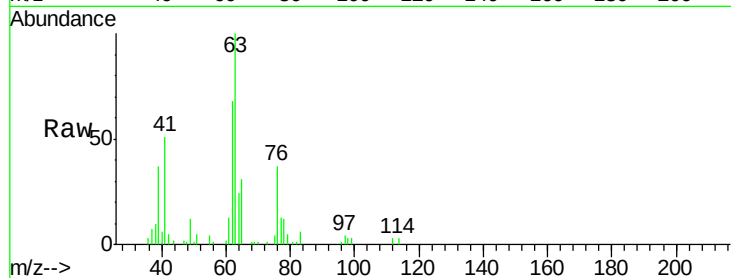
65 30.5 25.1 37.7

Manual Integrations

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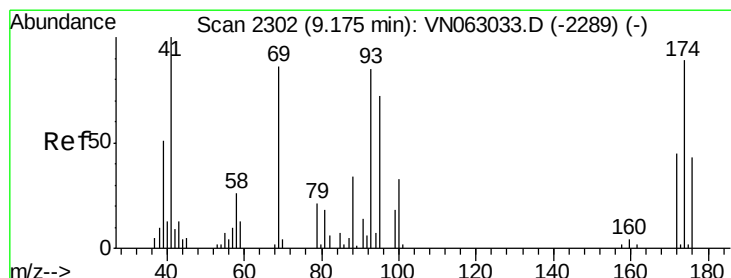
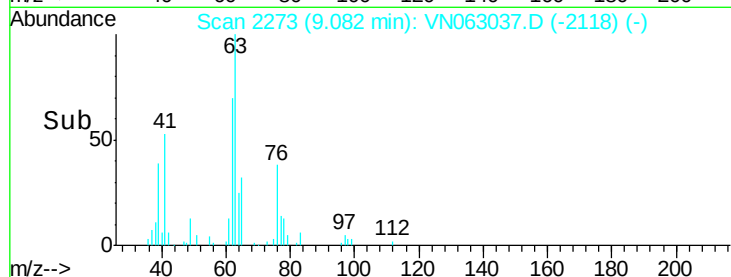
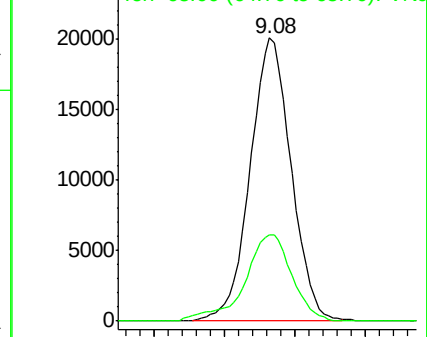
MMDadoda

8/21/2020 9:21:11 AM



Abundance Ion 63.00 (62.70 to 63.70): VN0

Ion 65.00 (64.70 to 65.70): VN0



#40

Dibromomethane

Concen: 20.552 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

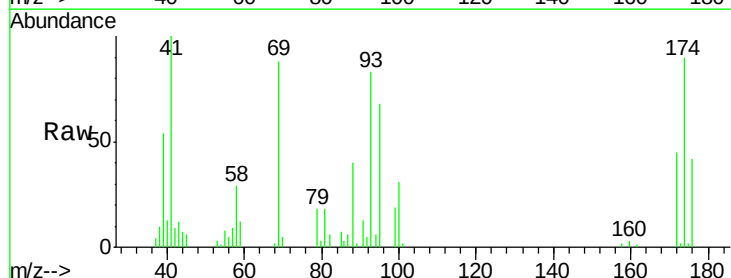
Tgt Ion: 93 Resp: 24642

Ion Ratio Lower Upper

93 100

95 83.3 0.0 168.2

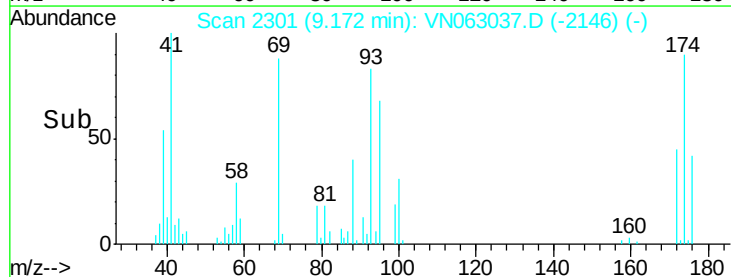
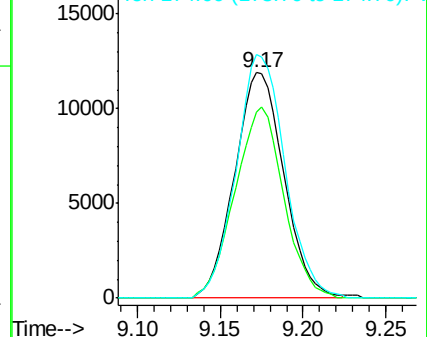
174 106.8 0.0 208.4

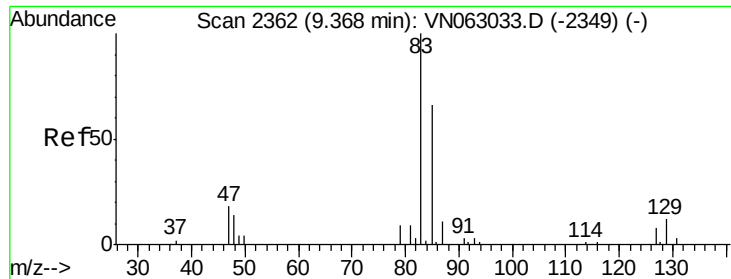


Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V





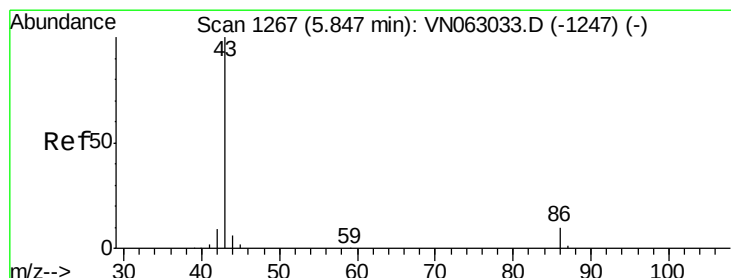
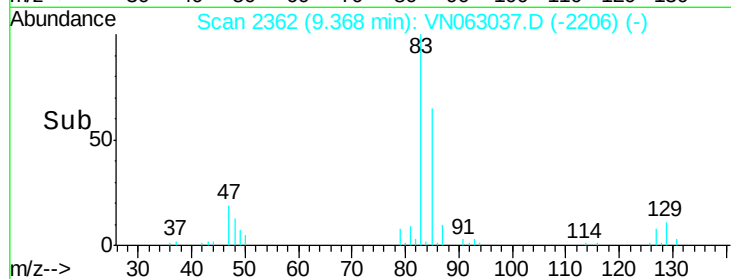
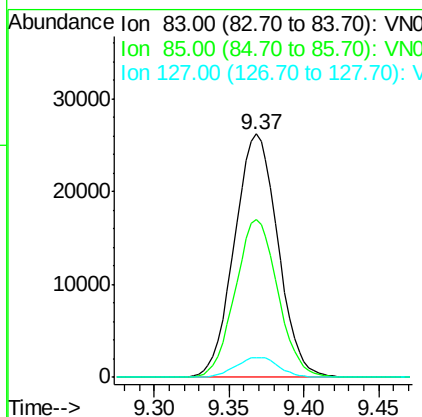
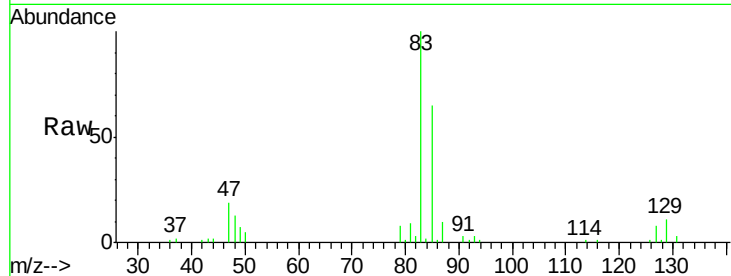
#41
 Bromodichloromethane
 Concen: 19.901 ug/l
 RT: 9.37 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tot Ion	83	Resp	52878
Ion Ratio	100	Lower	Upper
83	100		
85	64.8	52.6	79.0
127	8.3	7.4	11.0

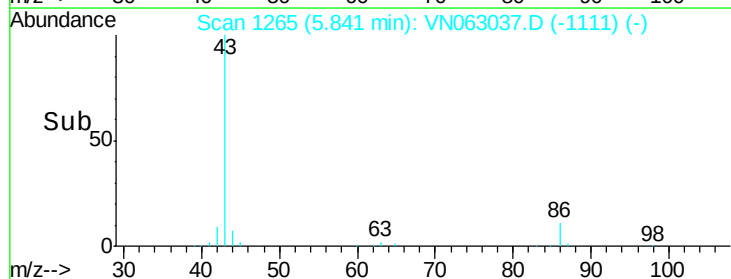
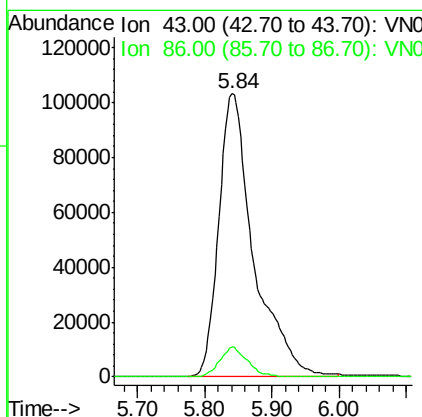
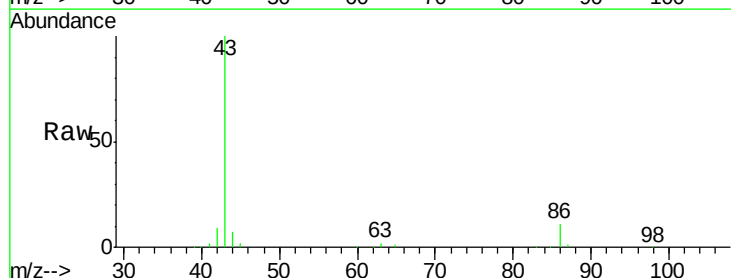
Manual Integrations
 APPROVED

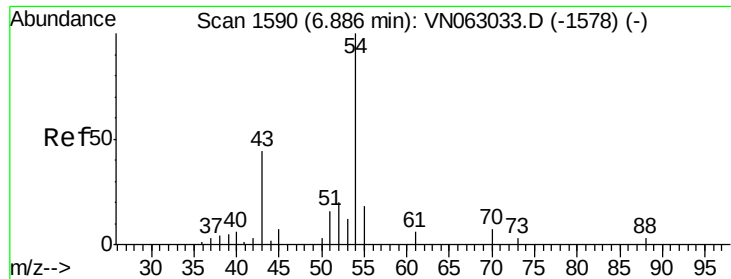
MMDadoda
 8/21/2020 9:21:11 AM



#42
 Vinyl Acetate
 Concen: 95.902 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	43	Resp	374942
Ion Ratio	100	Lower	Upper
43	100		
86	8.4	6.7	10.1





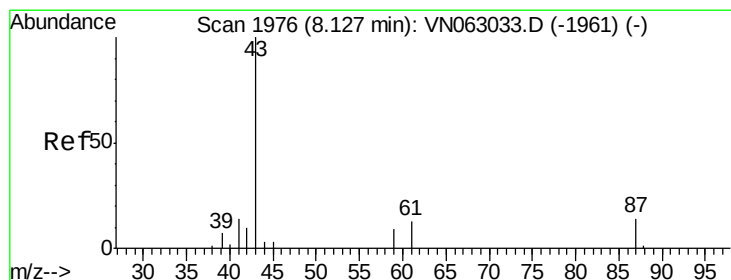
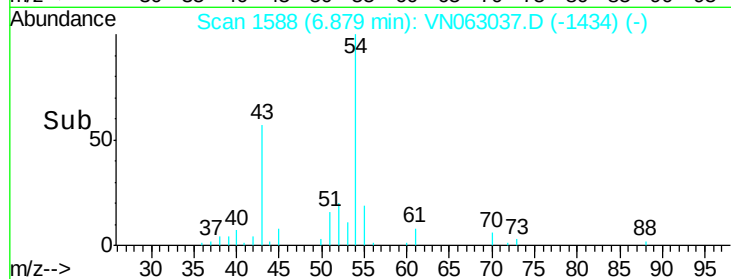
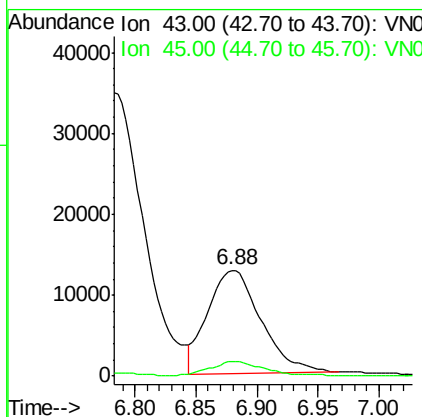
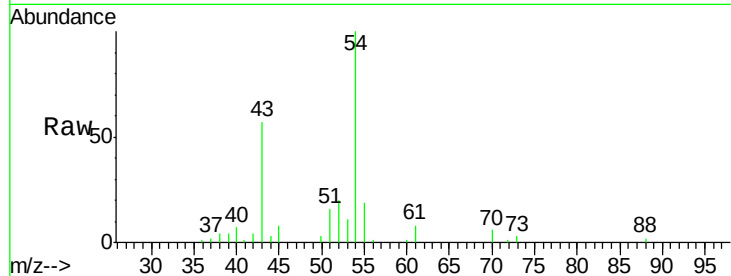
#43
Ethyl Acetate
Concen: 19.717 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.01 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	43	45	Ratio	Lower	Upper
38840	100	14.5		11.3	16.9

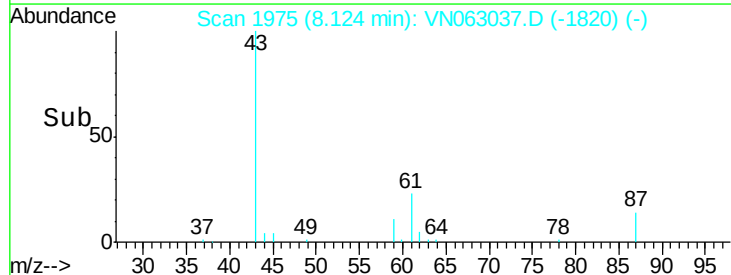
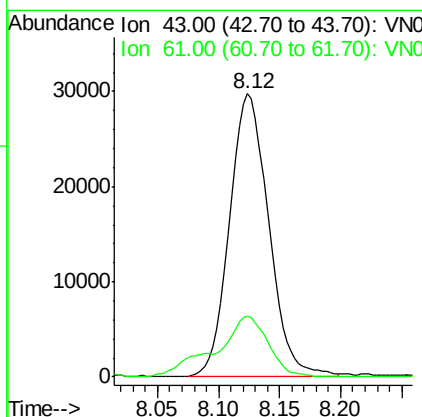
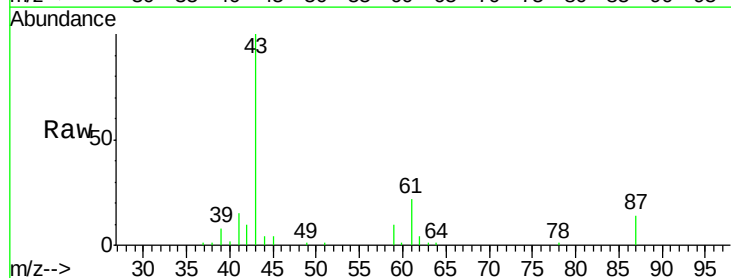
Manual Integrations
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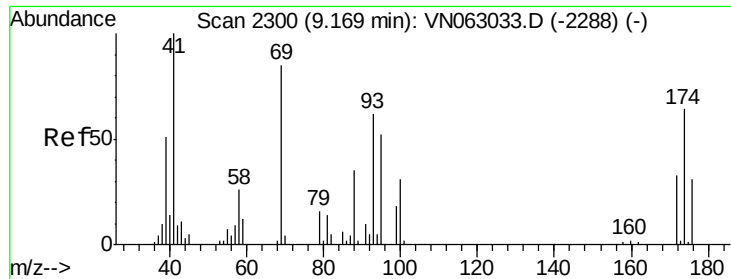
MMDadoda
8/21/2020 9:21:11 AM



#44
Isopropyl Acetate
Concen: 20.187 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	43	61	Ratio	Lower	Upper
66756	100	21.1		17.5	26.3





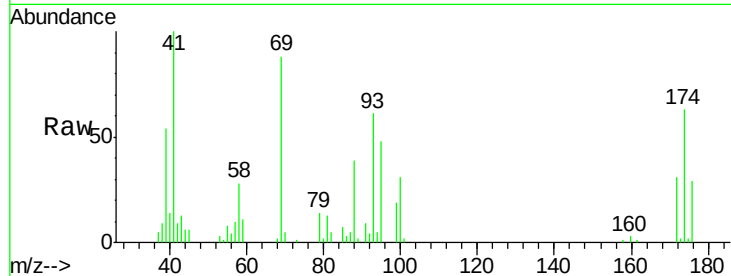
#45
 1,4-Dioxane
 Concen: 439.946 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampled :
 VN0820WBSD01

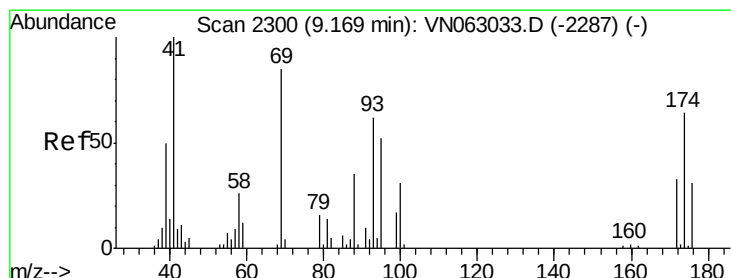
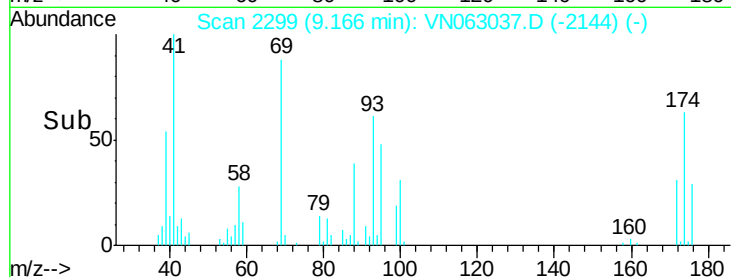
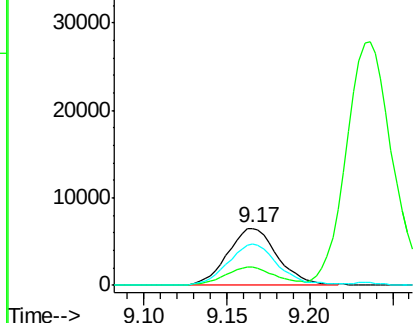
Tot Ion	Ratio	Resp	Lower	Upper
88	100			
43	33.1	28.5	42.7	
58	70.3	59.6	89.4	

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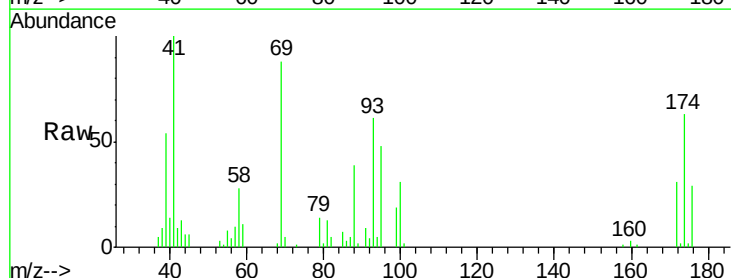


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

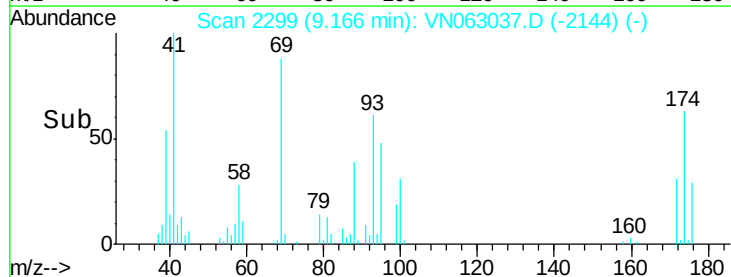
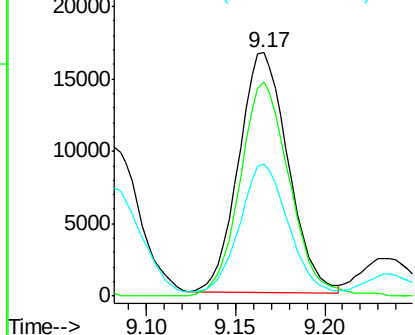


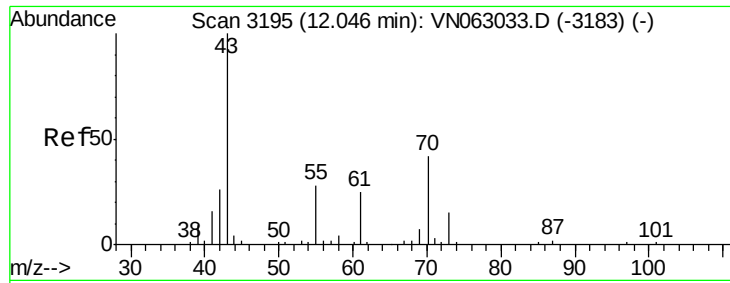
#46
 Methyl methacrylate
 Concen: 19.578 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	89.6	42.6	128.0	
39	53.9	25.1	75.4	



Abundance Ion 41.00 (40.70 to 41.70): VN0
 Ion 69.00 (68.70 to 69.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#47

n-amyl Acetate

Concen: 18.346 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampled :

VN0820WBSD01

Tot Ion: 43 Resp: 53848

Ion Ratio Lower Upper

43 100

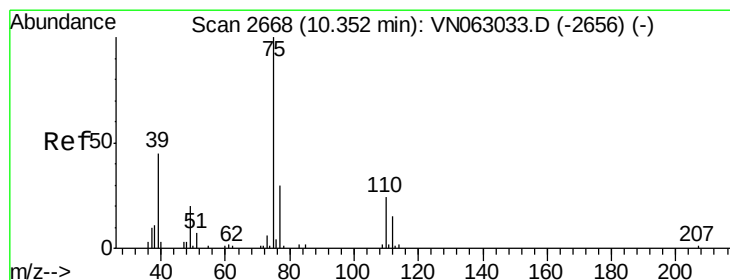
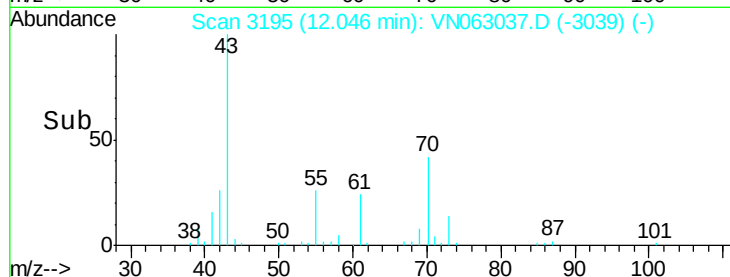
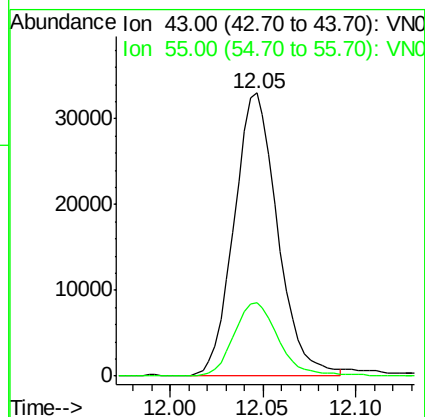
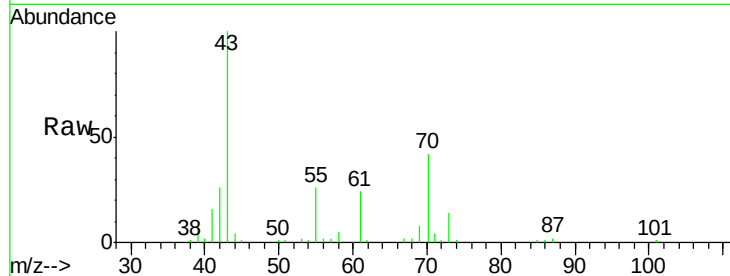
55 26.5 21.2 31.8

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 19.342 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN063037.D

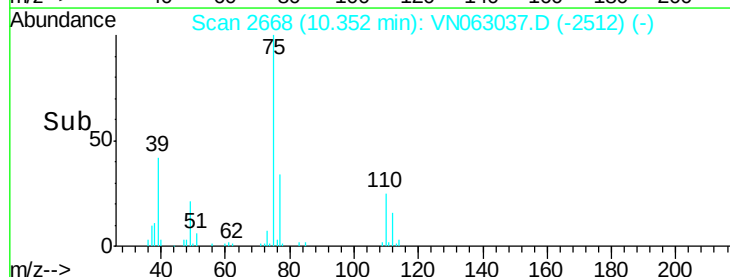
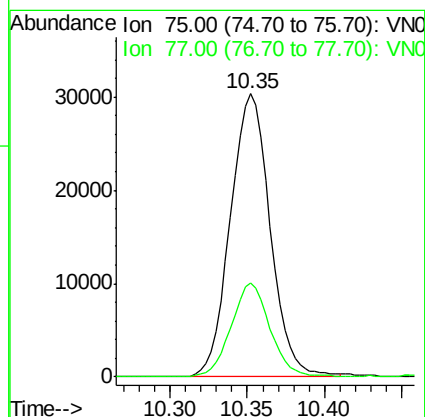
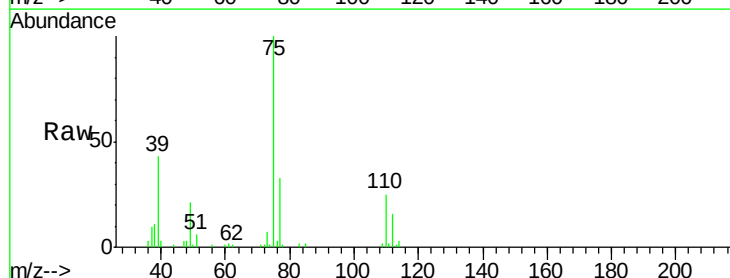
Acq: 20 Aug 2020 15:36

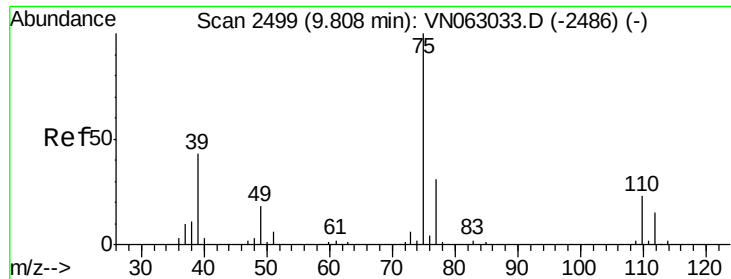
Tgt Ion: 75 Resp: 54278

Ion Ratio Lower Upper

75 100

77 33.2 23.8 35.8





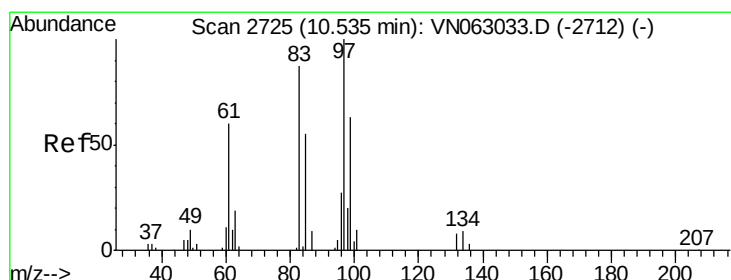
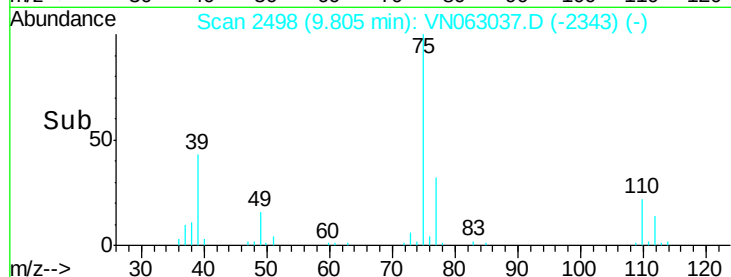
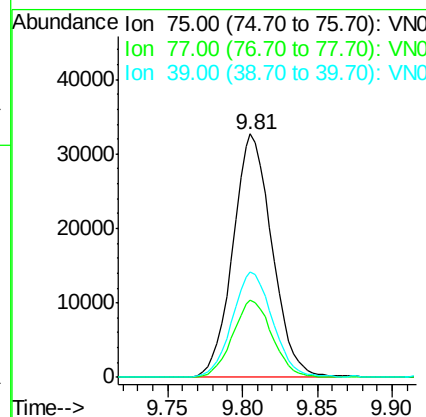
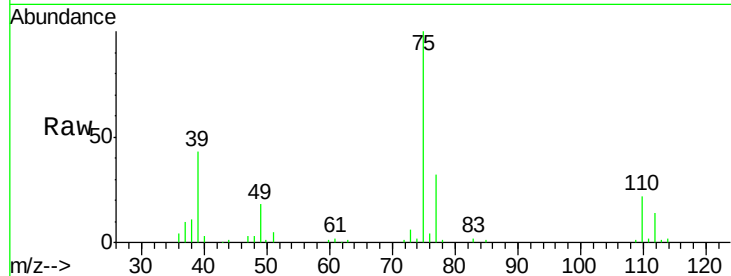
#49
 cis-1,3-Dichloropropene
 Concen: 19.488 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
77	31.6	24.8	37.2	
39	43.5	34.5	51.7	

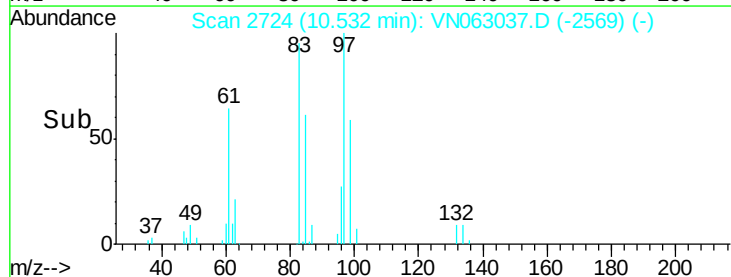
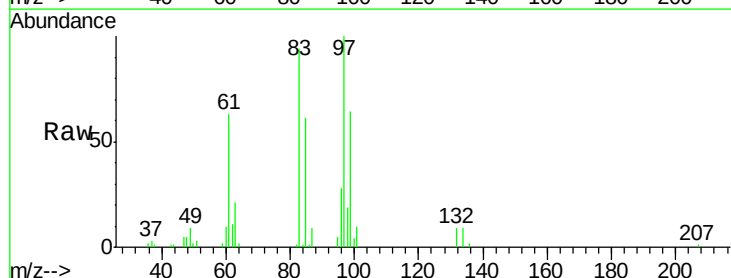
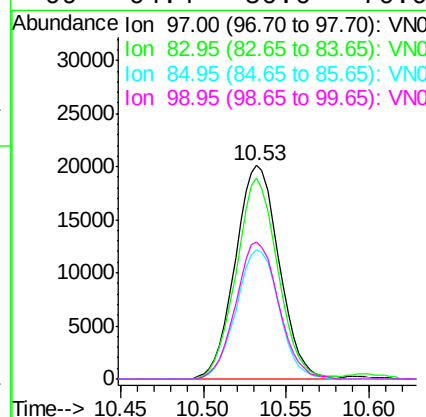
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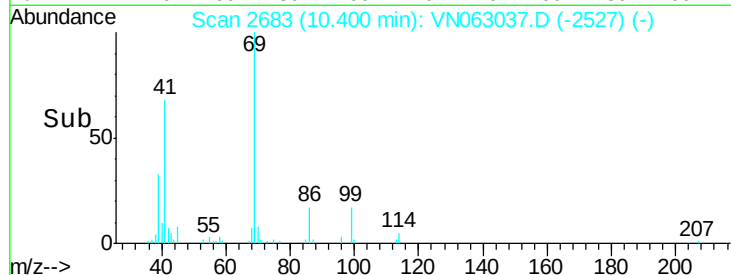
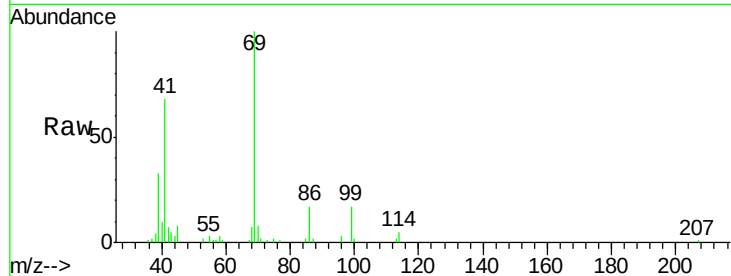
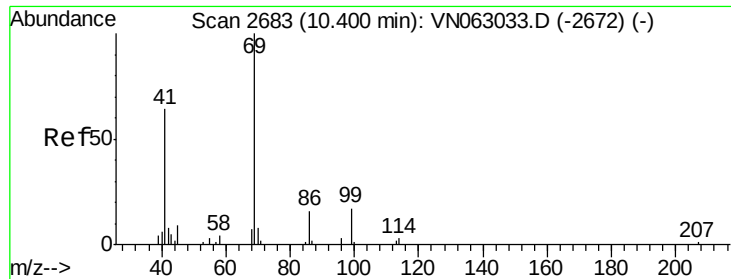
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#50
 1,1,2-Trichloroethane
 Concen: 20.083 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
83	94.2	69.9	104.9	
85	60.5	44.0	66.0	
99	64.4	50.6	76.0	





#51

Ethyl methacrylate

Concen: 18.943 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Tot Ion:	69	Resp:	47647
Ion	Ratio	Lower	Upper
69	100		
41	67.0	32.1	96.5
39	31.4	16.1	48.3

Instrument :

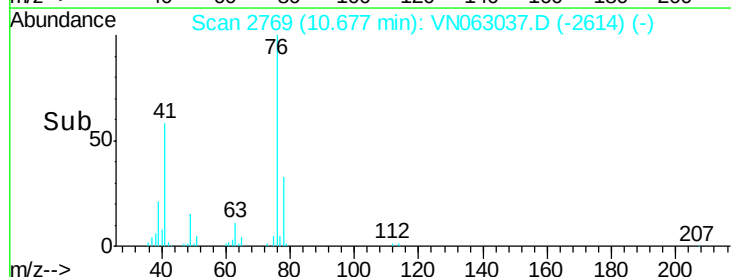
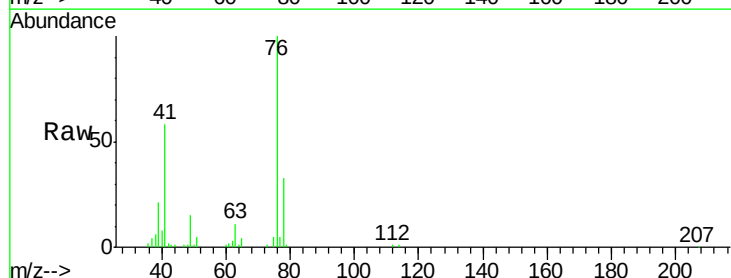
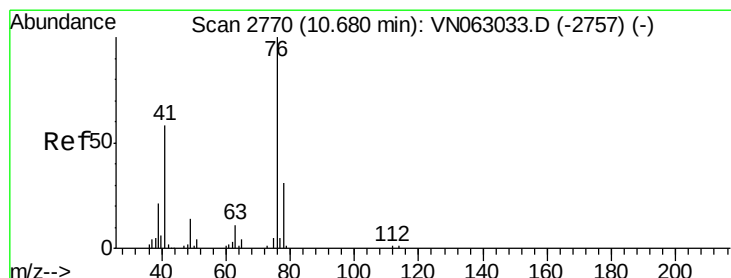
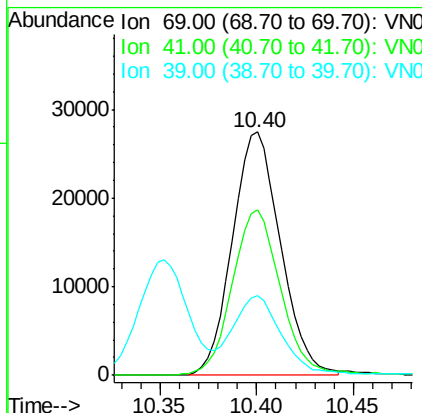
MSVOA_N

ClientSampleId :

VN0820WBSD01

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#52

1,3-Dichloropropane

Concen: 20.070 ug/l

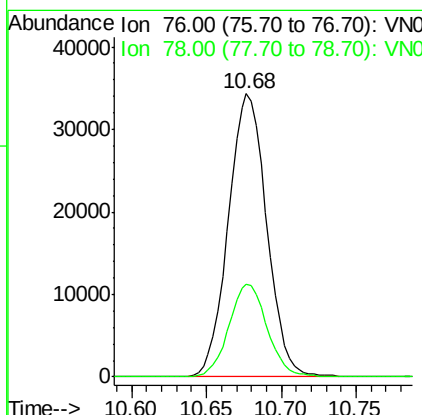
RT: 10.68 min Scan# 2769

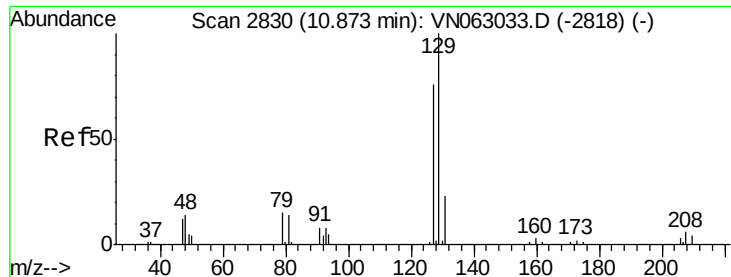
Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Tgt Ion:	76	Resp:	61300
Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	63.2





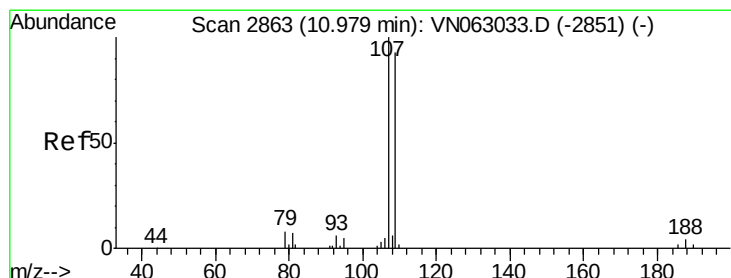
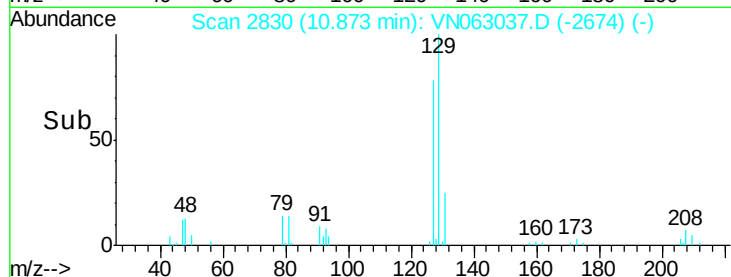
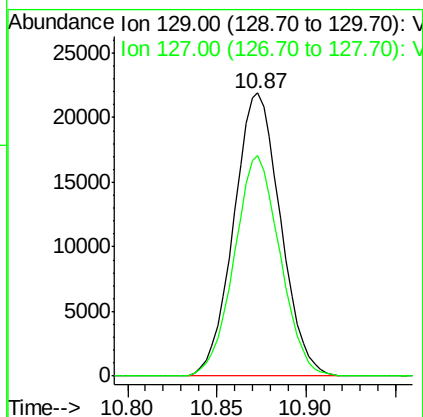
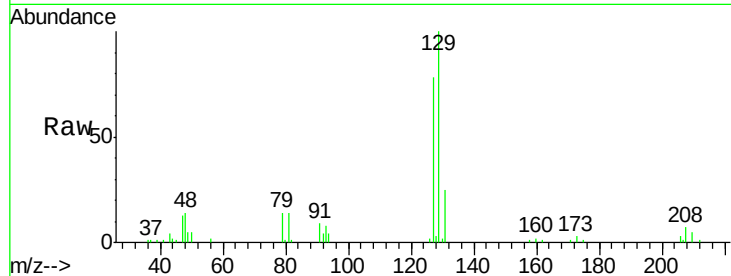
#53
 Dibromochloromethane
 Concen: 19.789 ug/l
 RT: 10.87 min Scan# 2830
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.1	38.7	116.1

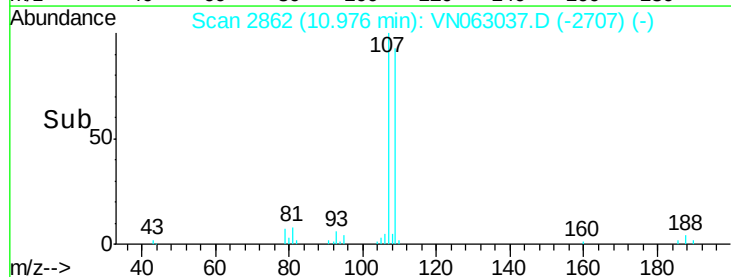
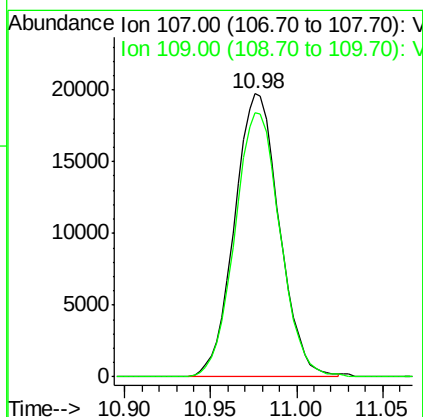
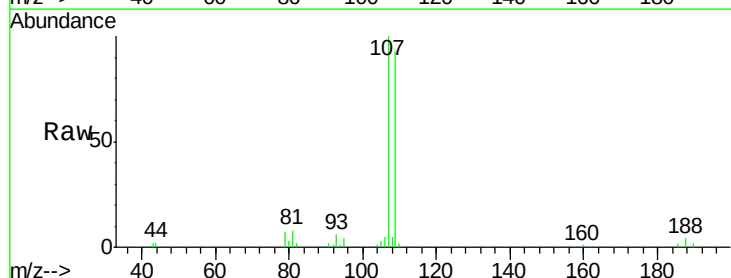
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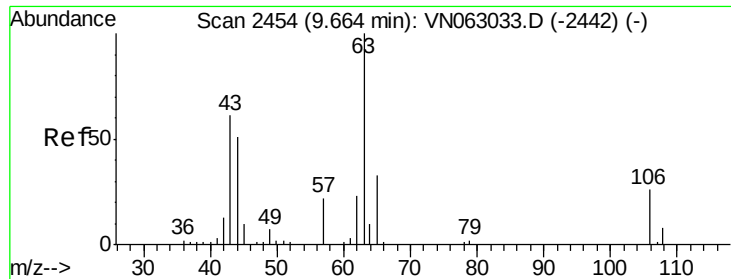
MMDadoda
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#54
 1,2-Dibromoethane
 Concen: 20.102 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.4	76.3	114.5





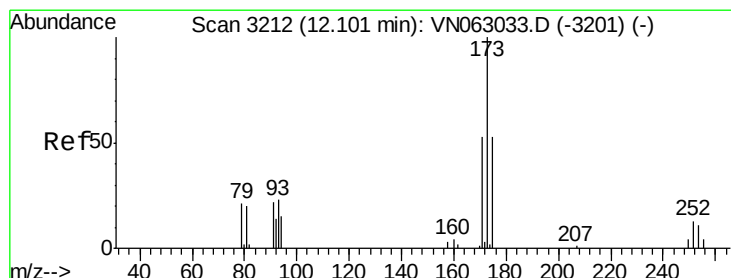
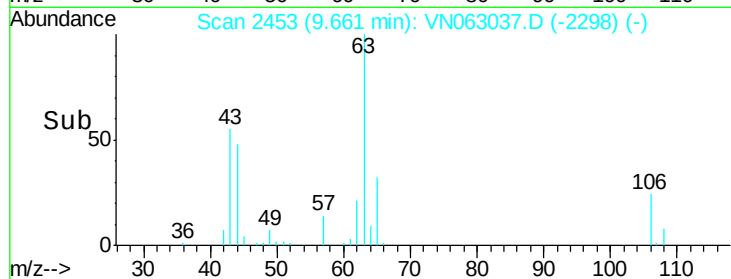
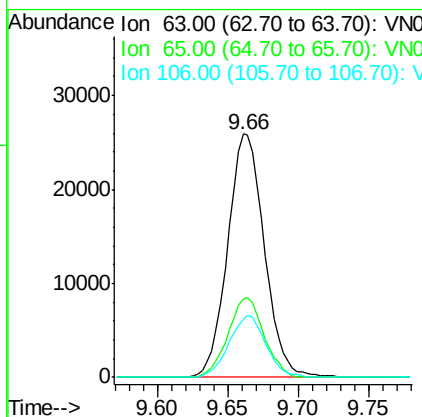
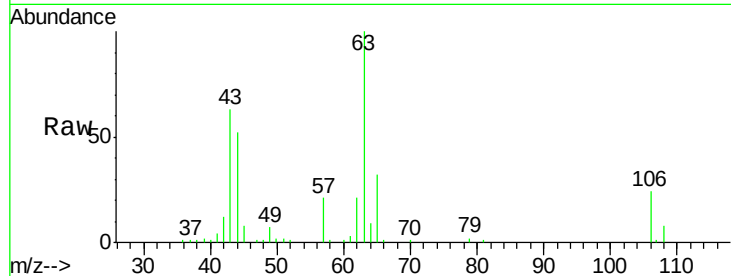
#55
2-Chloroethyl vinyl ether
Concen: 91.459 ug/l
RT: 9.66 min Scan# 2453
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.9	38.9
106	25.4	19.9	29.9

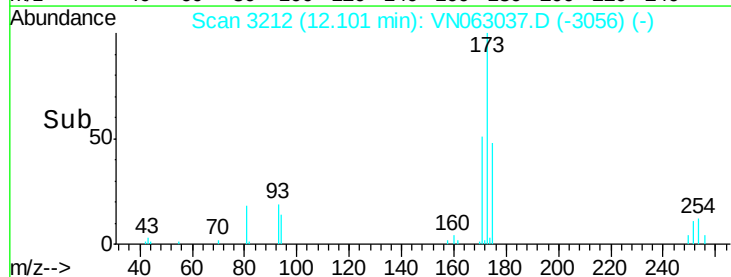
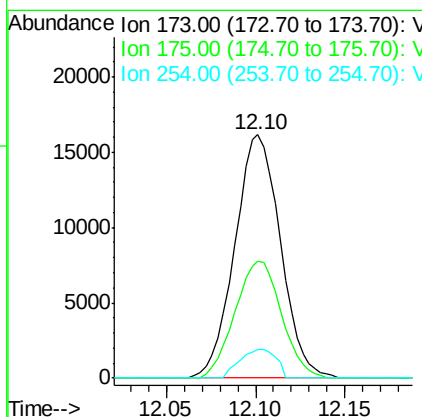
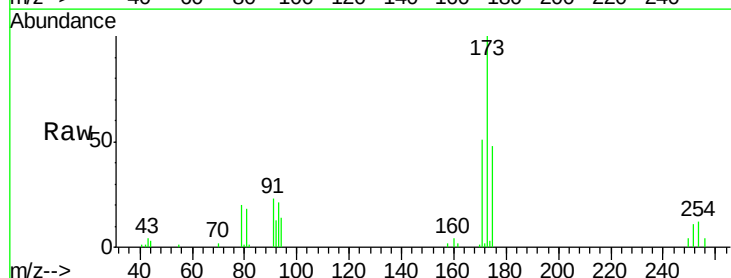
Manual Integrations
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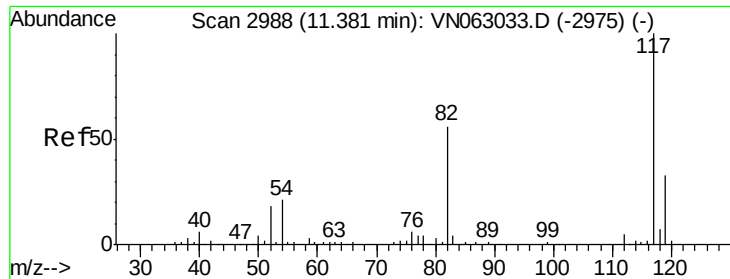
MMDadoda
8/21/2020 9:21:11 AM



#56
Bromoform
Concen: 19.402 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	41.2	61.8
254	9.3	9.0	13.4





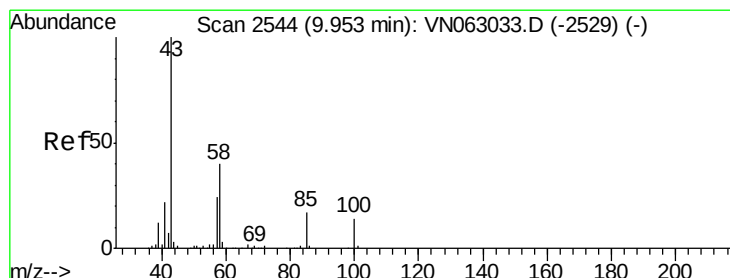
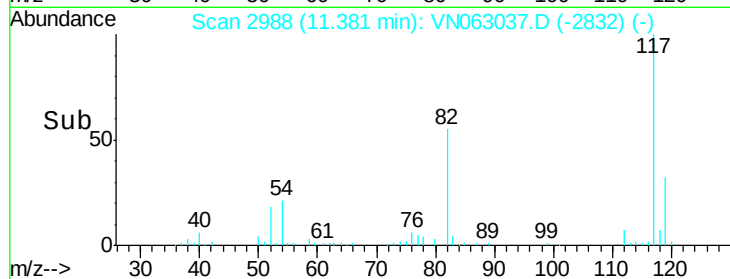
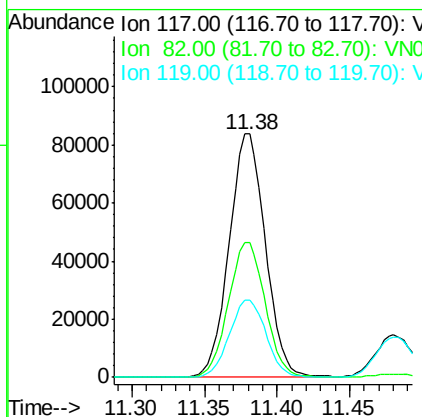
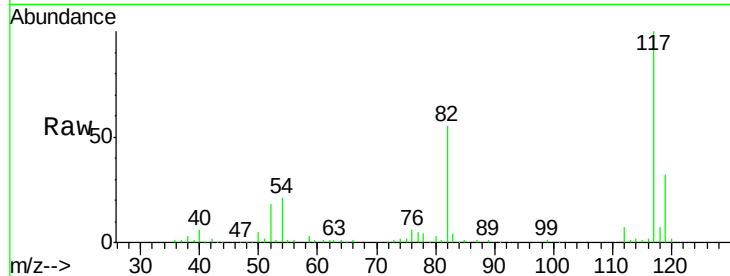
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.9	67.3
119	32.0	26.0	39.0

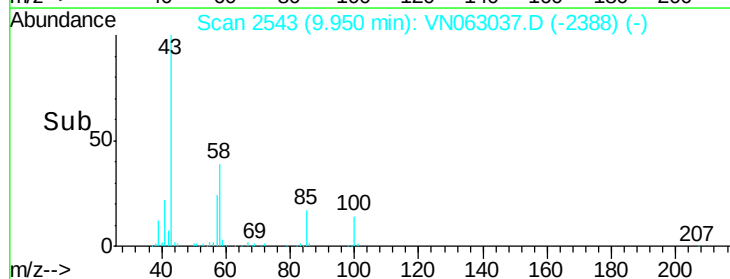
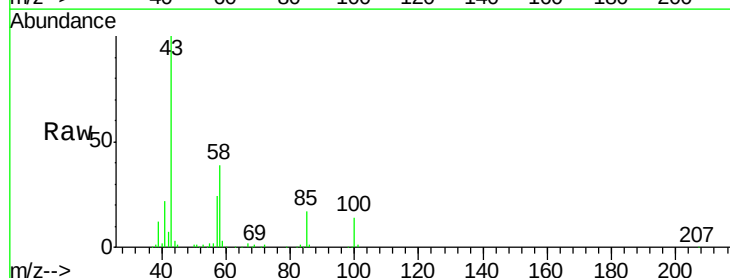
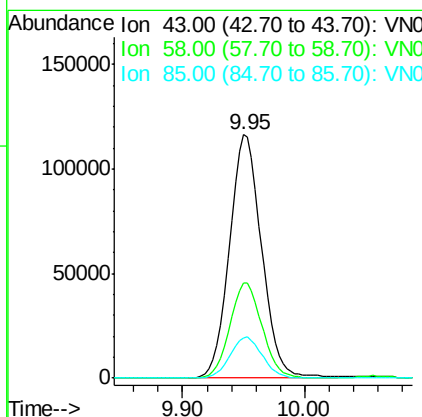
Manual Integrations
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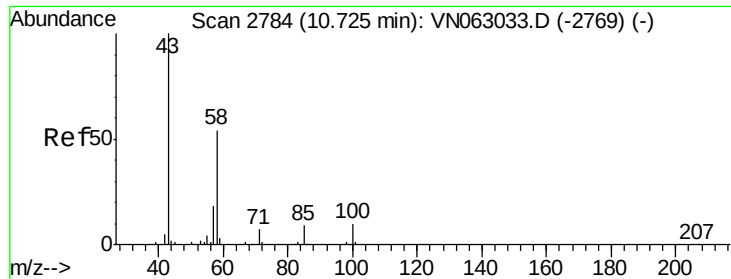
MMDadoda
8/21/2020 9:21:11 AM



#58
4-Methyl-2-Pentanone
Concen: 102.317 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.0	31.4	47.0
85	16.9	13.4	20.2





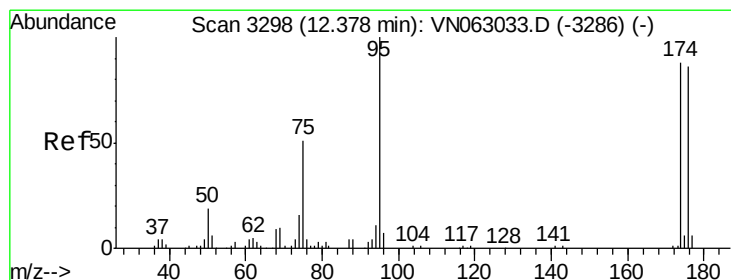
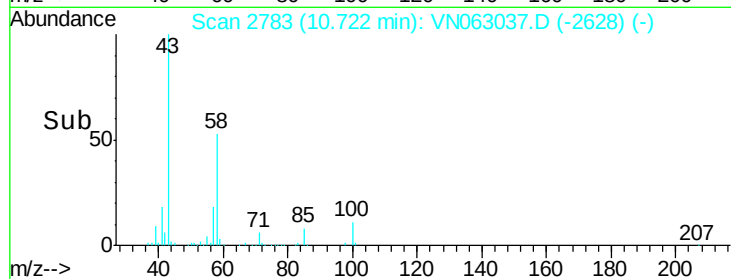
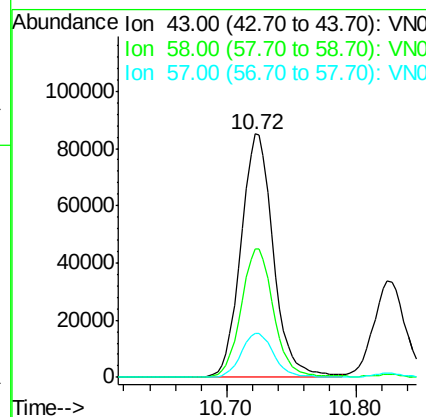
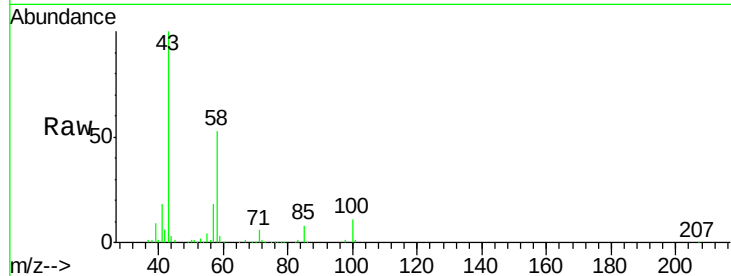
#59
2-Hexanone
Concen: 100.058 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.7	42.6	64.0
57	18.2	14.6	21.8

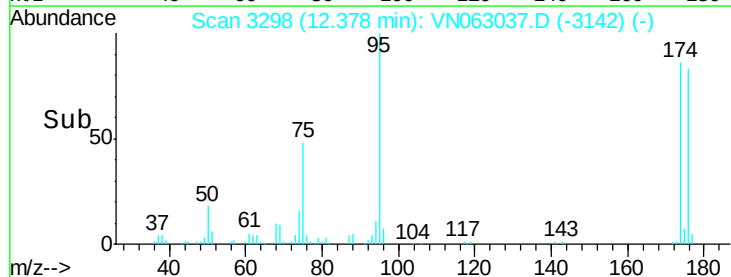
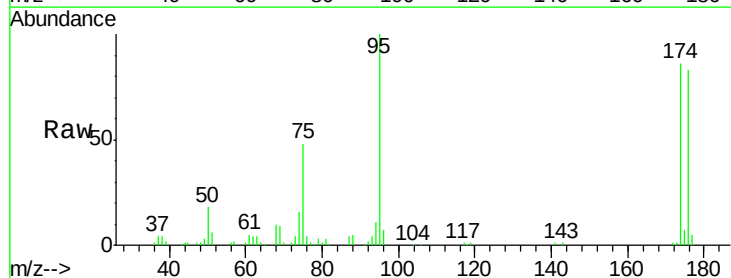
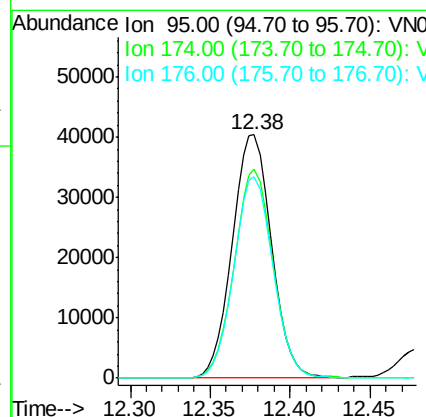
Manual Integrations
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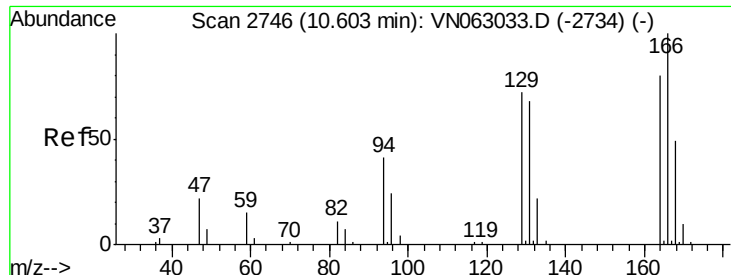
MMDadoda
8/21/2020 9:21:11 AM



#60
4-Bromofluorobenzene
Concen: 29.495 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.7	70.1	105.1
176	82.1	66.8	100.2





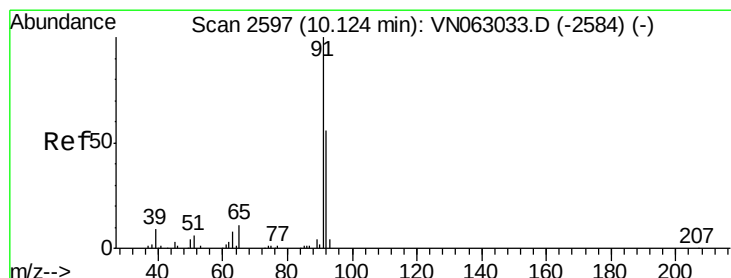
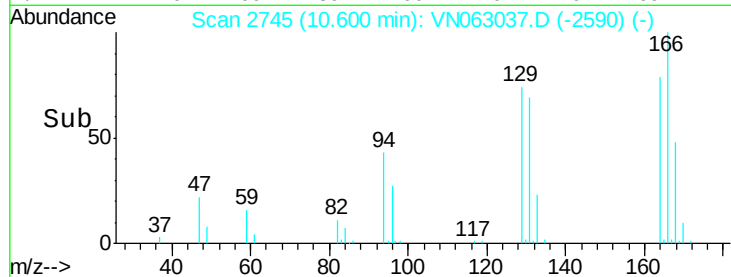
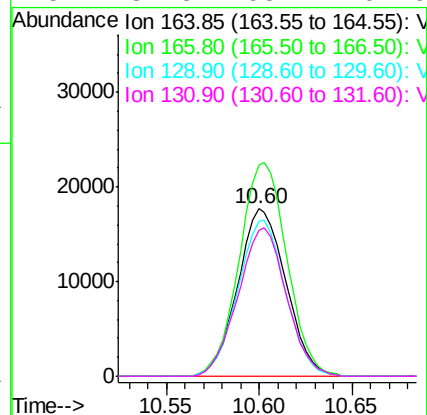
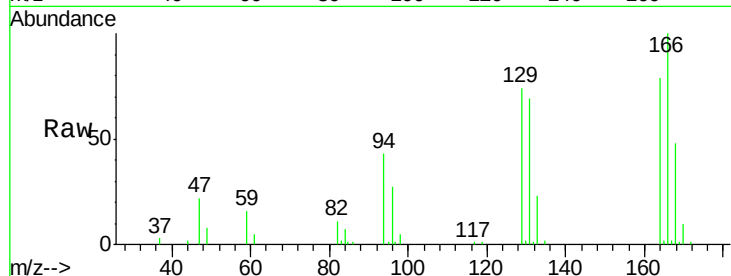
#61
Tetrachloroethene
Concen: 20.012 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.2	100.1	150.1
129	93.1	72.5	108.7
131	87.3	68.4	102.6

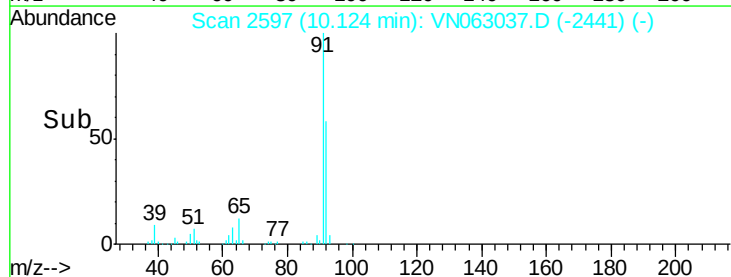
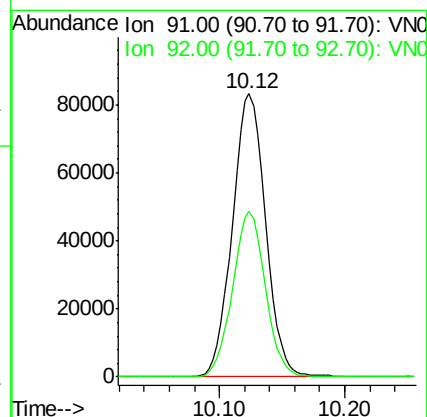
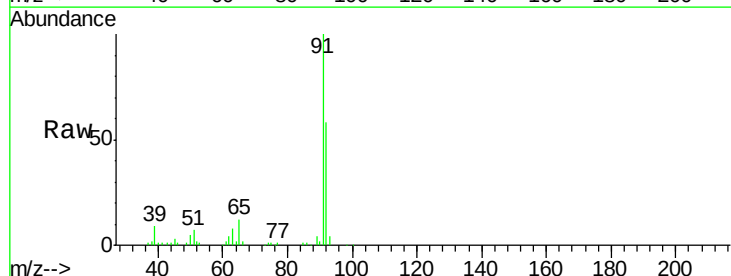
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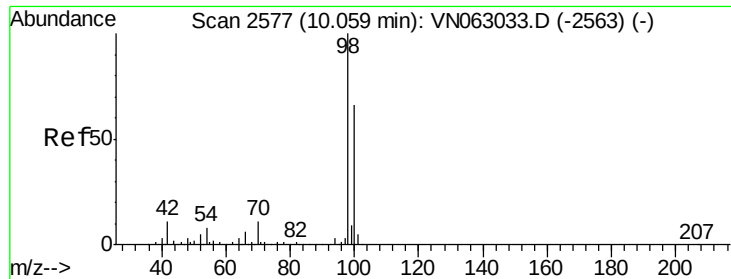
MMDadoda
8/21/2020 9:21:11 AM



#62
Toluene
Concen: 19.888 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.4	45.5	68.3





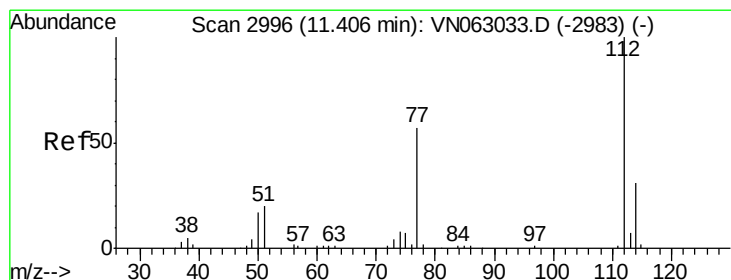
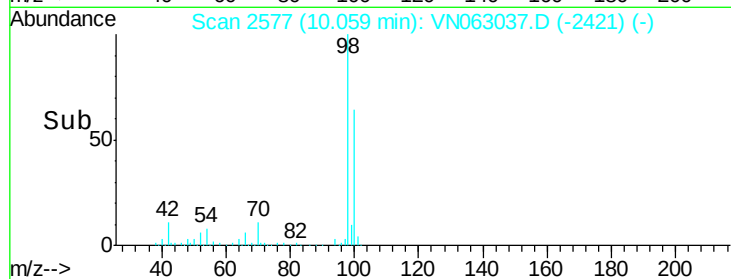
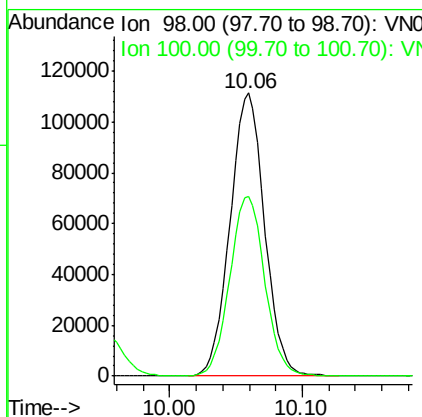
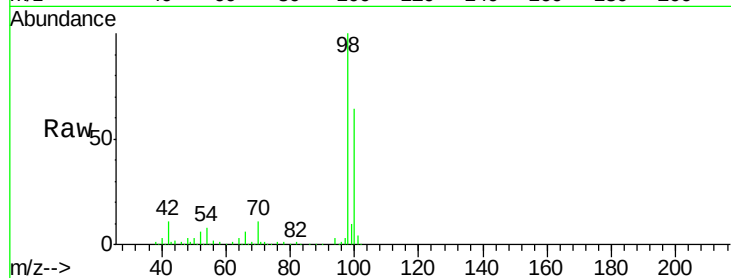
#63
Toluene-d8
Concen: 30.204 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion: 98 Resp: 201350
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2

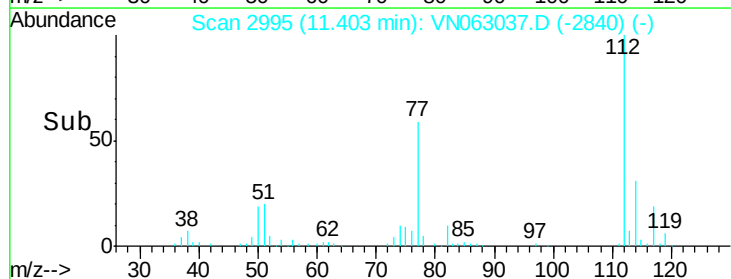
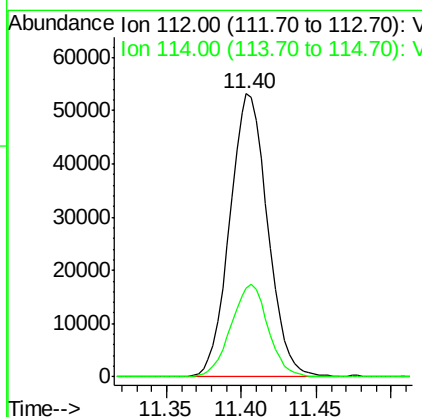
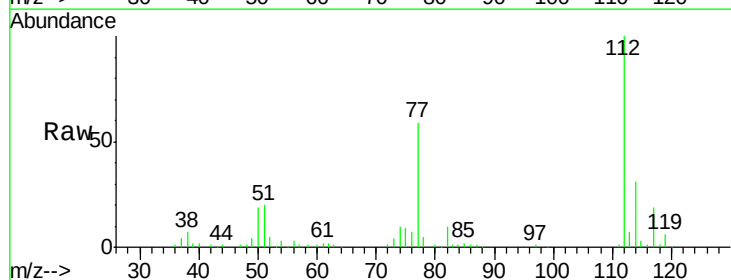
Manual Integrations
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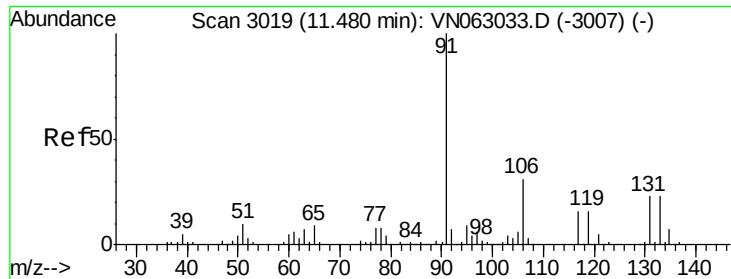
MMDadoda
8/21/2020 9:21:11 AM



#64
Chlorobenzene
Concen: 19.701 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion: 112 Resp: 93847
Ion Ratio Lower Upper
112 100
114 31.4 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 19.701 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

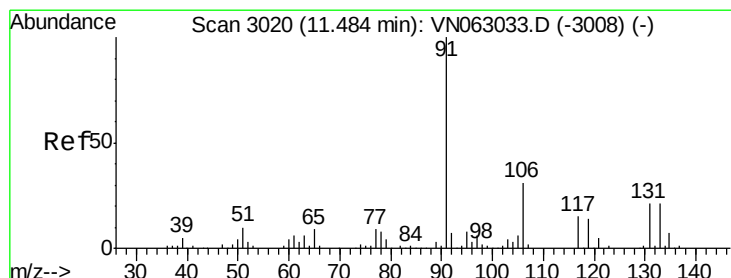
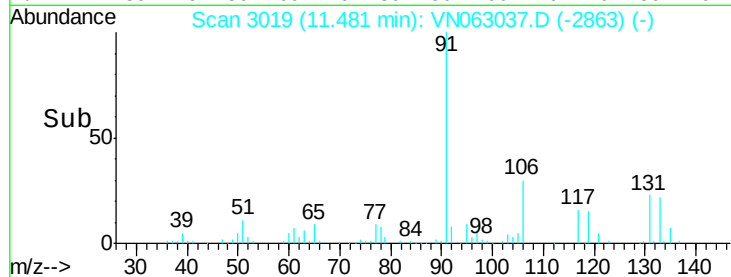
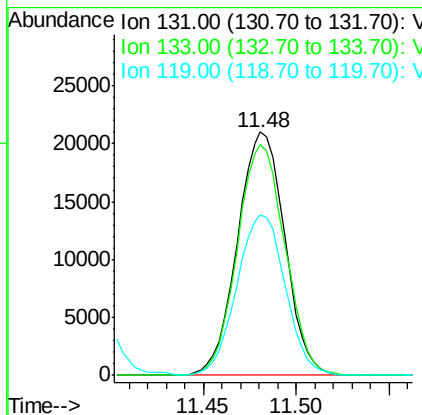
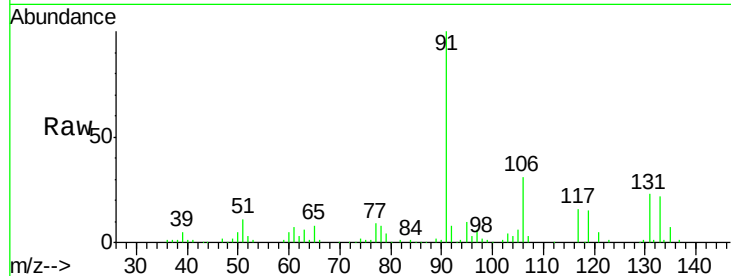
ClientSampleId :

VN0820WBSD01

Tot Ion:	131	Resp:	37195
Ion Ratio	Lower	Upper	
131	100		
133	95.5	0.0	191.2
119	67.5	0.0	134.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.982 ug/l

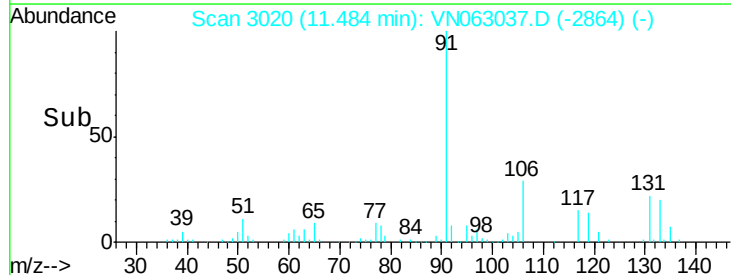
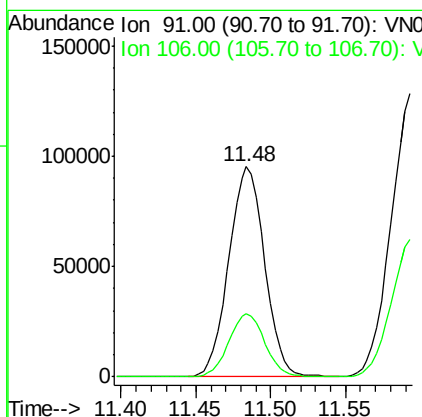
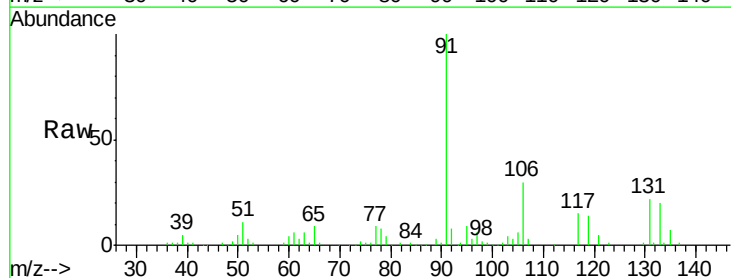
RT: 11.48 min Scan# 3020

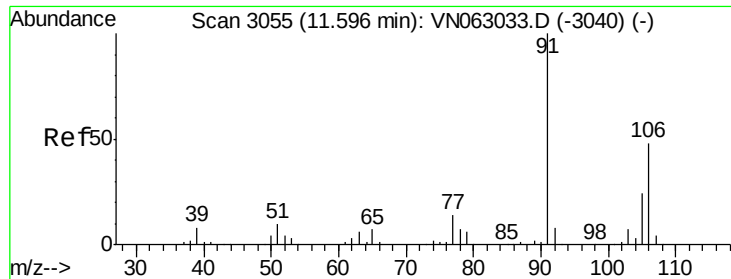
Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Tgt Ion:	91	Resp:	159288
Ion Ratio	Lower	Upper	
91	100		
106	30.2	25.0	37.4





#67

m/p-Xylenes

Concen: 38.844 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

Tot Ion:106 Resp: 122114

Ion Ratio Lower Upper

106 100

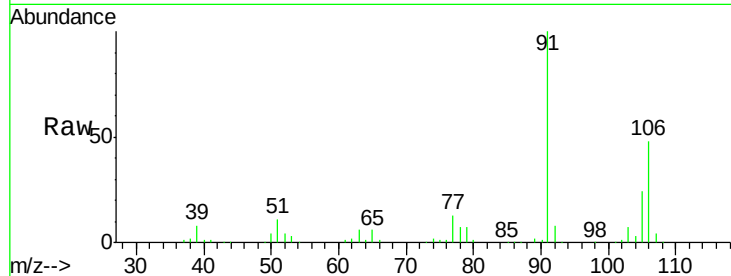
91 206.2 164.9 247.3

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

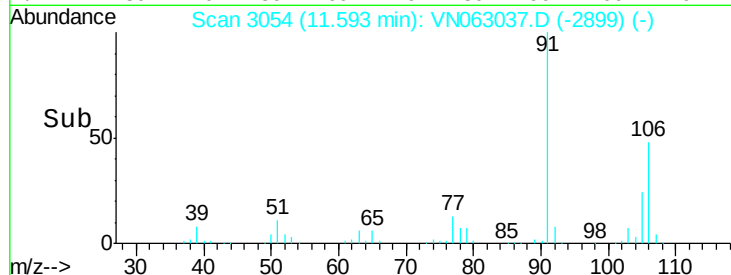
150000

100000

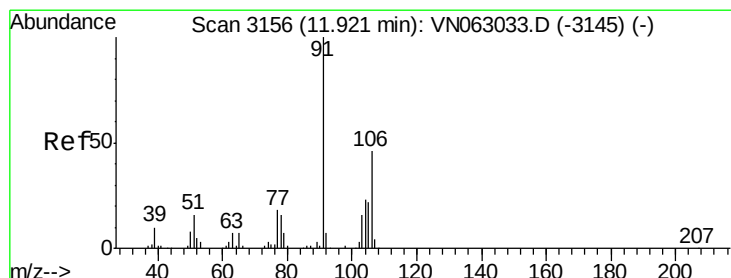
50000

0

11.50 11.55 11.60 11.65



Time-->



#68

o-Xylene

Concen: 19.027 ug/l

RT: 11.92 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VN063037.D

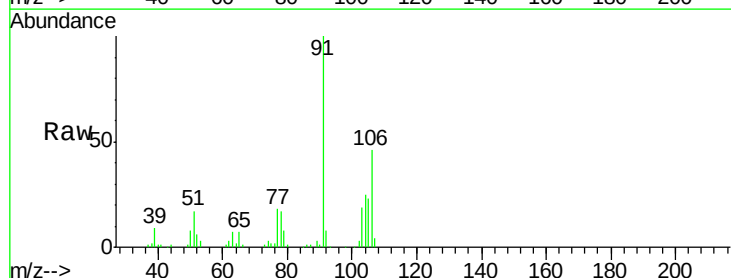
Acq: 20 Aug 2020 15:36

Tgt Ion:106 Resp: 57458

Ion Ratio Lower Upper

106 100

91 219.9 108.0 324.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

80000

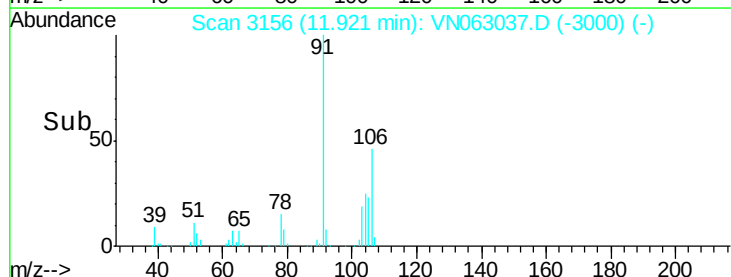
60000

40000

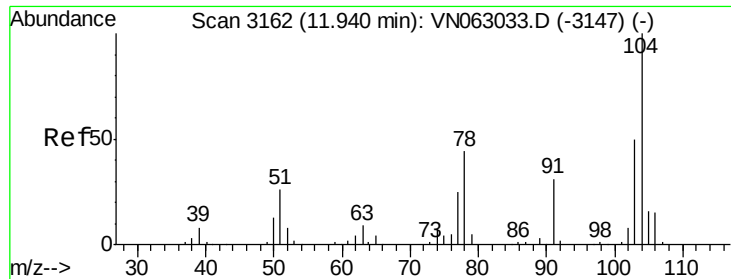
20000

0

11.85 11.90 11.95 12.00



Time-->



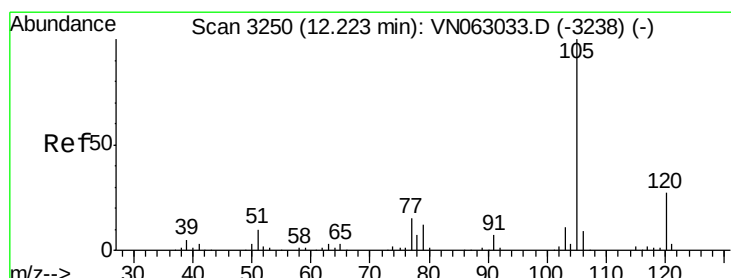
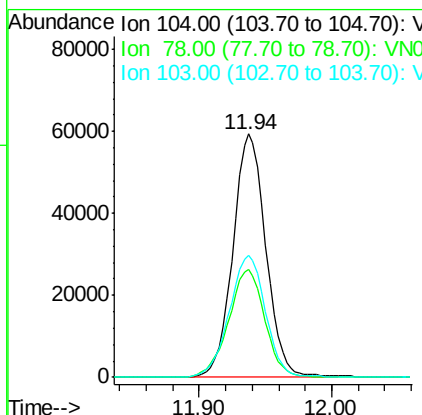
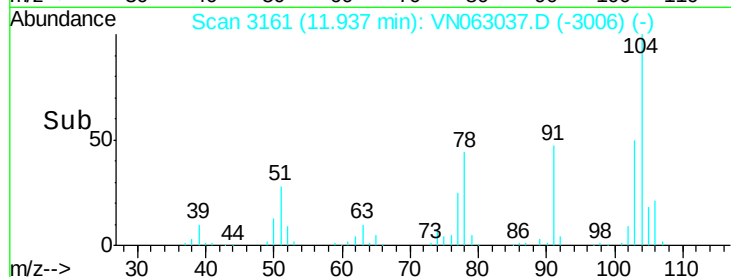
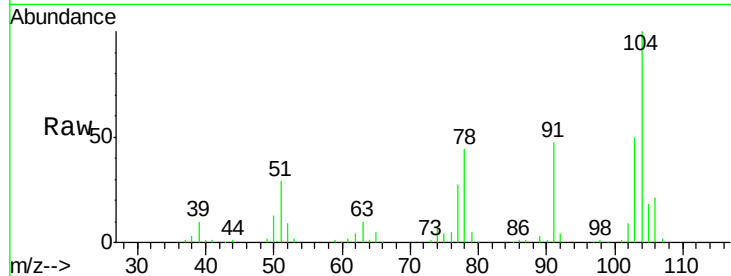
#69
Stvrene
Concen: 19.436 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.6	59.4
103	54.7	44.4	66.6

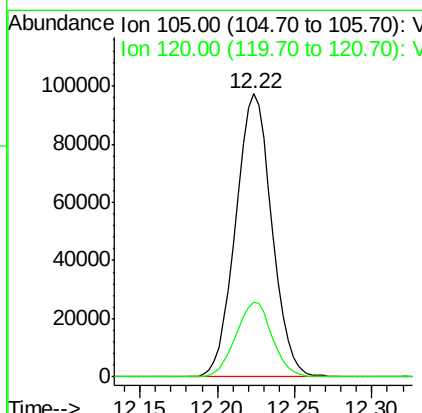
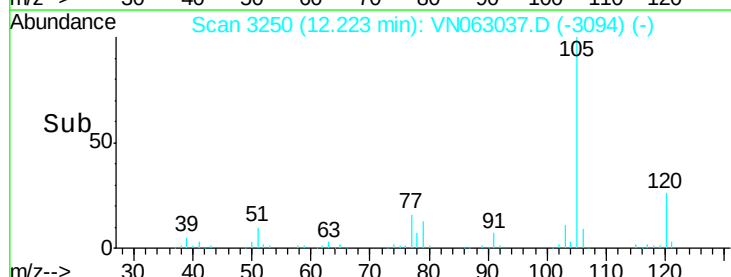
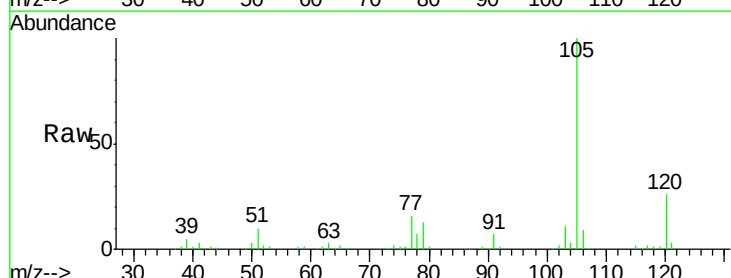
Manual Integrations
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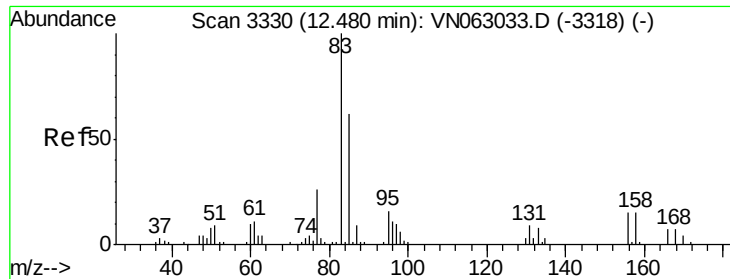
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8/21/2020 9:21:11 AM



#70
Isopropylbenzene
Concen: 19.231 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.6	18.5	34.3





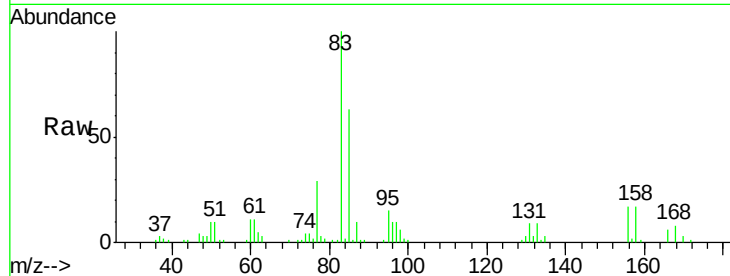
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.884 ug/l
 RT: 12.48 min Scan# 3330
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

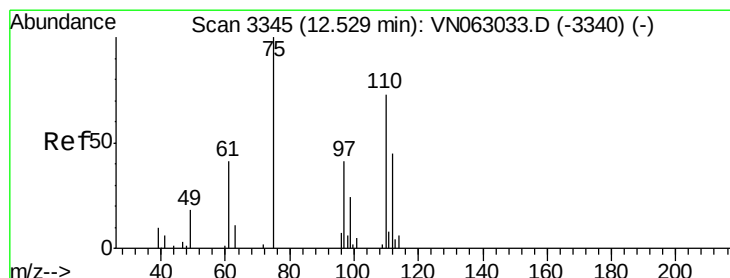
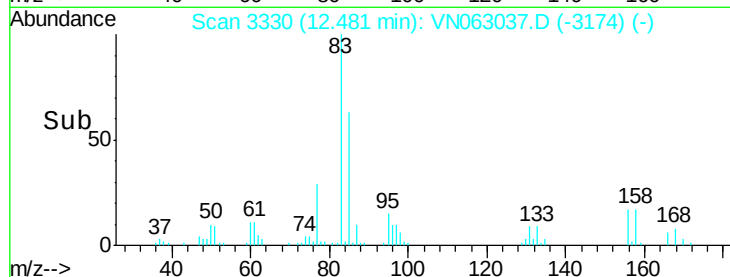
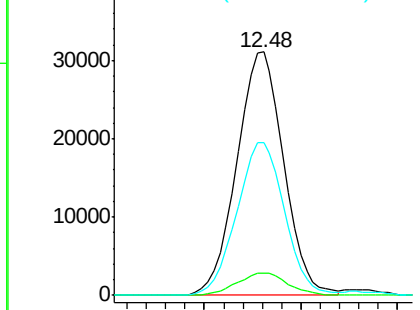
Tot Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.5	13.7
85	63.6	31.8	95.3

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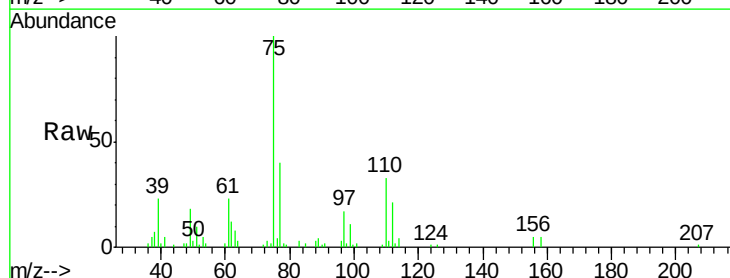


Abundance Ion 83.00 (82.70 to 83.70): VN063037.D (-3318) (-)
 Ion 131.00 (130.70 to 131.70): VN063037.D (-3318) (-)
 Ion 85.00 (84.70 to 85.70): VN063037.D (-3318) (-)

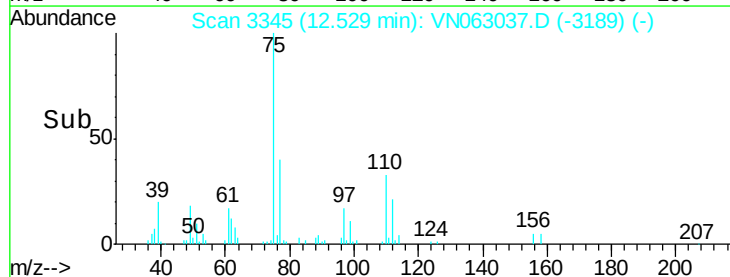
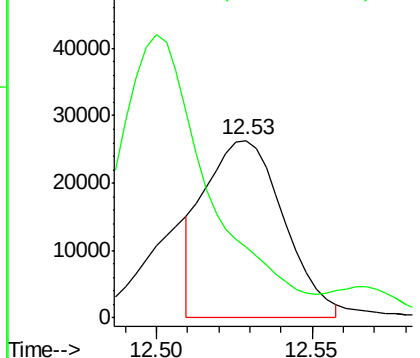


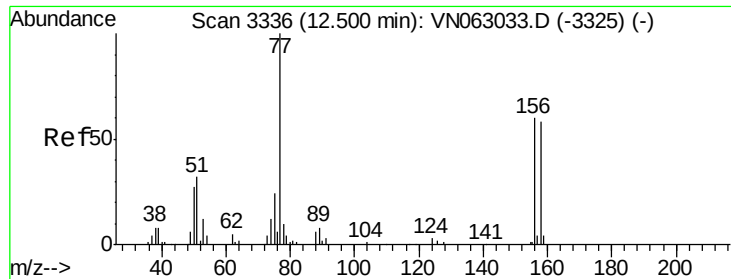
#72
 1,2,3-Trichloropropane
 Concen: 19.882 ug/l m
 RT: 12.53 min Scan# 3345
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	185.7	0.0	387.8



Abundance Ion 75.00 (74.70 to 75.70): VN063037.D (-3340) (-)
 Ion 77.00 (76.70 to 77.70): VN063037.D (-3340) (-)





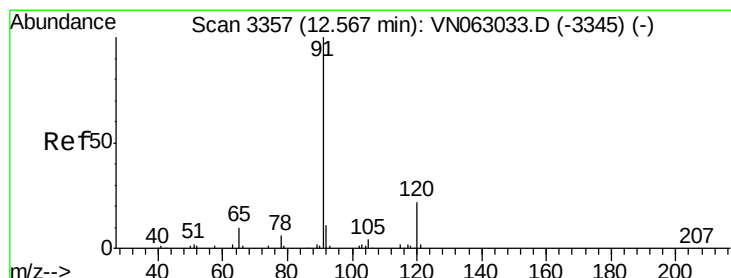
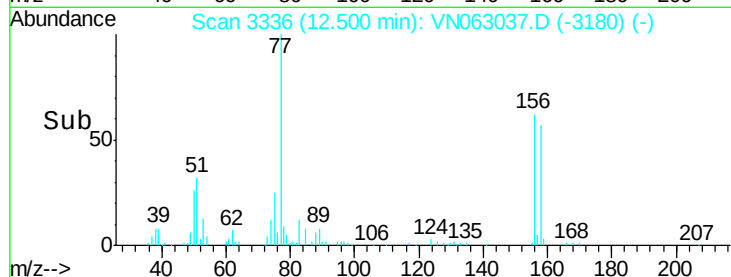
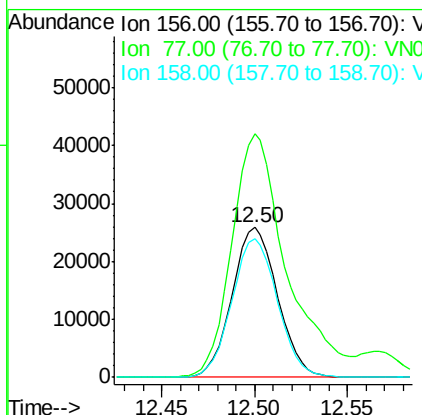
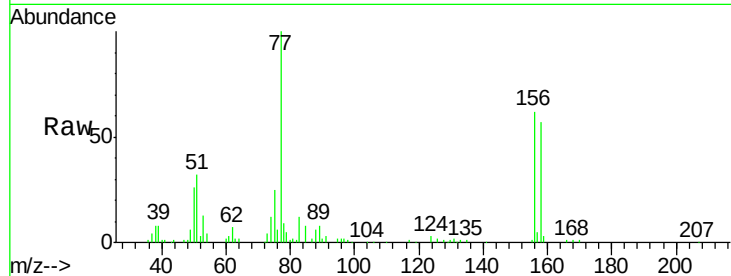
#73
Bromobenzene
Concen: 19.883 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	195.9	0.0	398.6
158	92.8	0.0	195.4

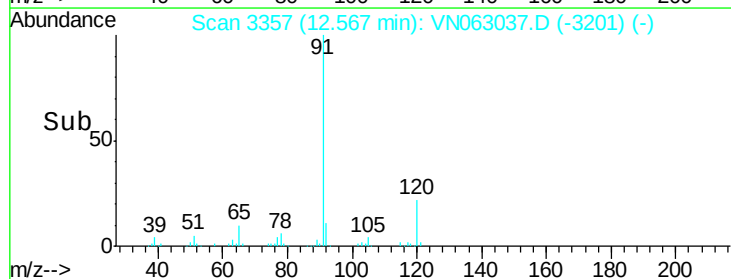
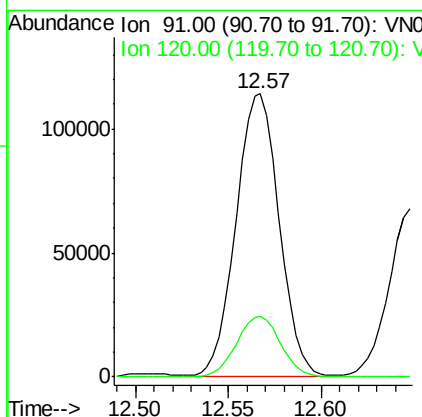
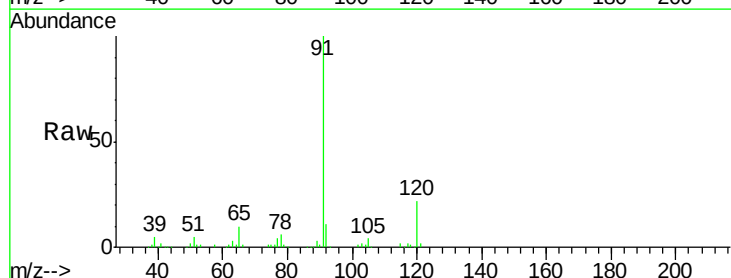
Manual Integrations
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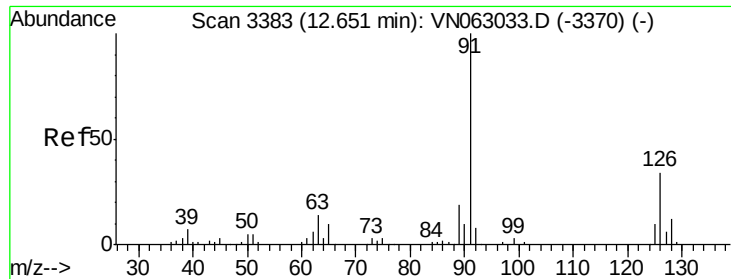
MMDadoda
8/21/2020 9:21:11 AM



#74
n-propylbenzene
Concen: 18.719 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.9	0.0	44.0





#75

2-Chlorotoluene

Concen: 19.246 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

Tot Ion: 91 Resp: 113032

Ion Ratio Lower Upper

91 100

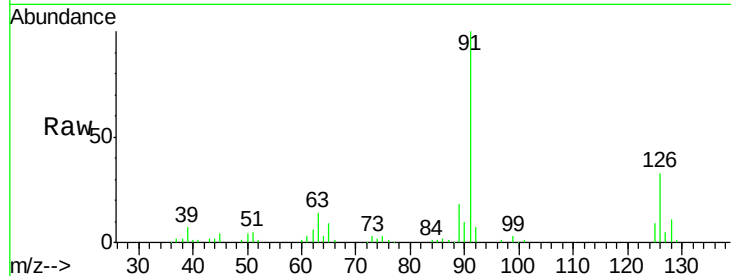
126 34.1 0.0 68.0

Manual Integrations

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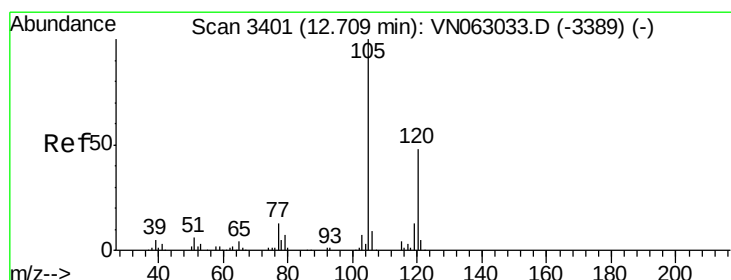
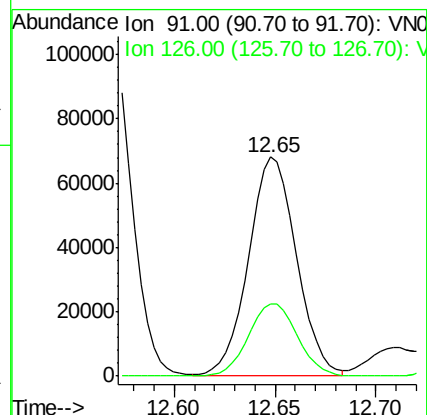
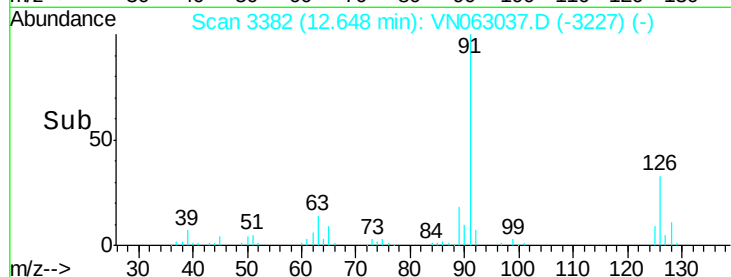
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Abundance Ion 91.00 (90.70 to 91.70): VN063037.D (-3370) (-)

Ion 126.00 (125.70 to 126.70): VN063037.D (-3370) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.078 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN063037.D

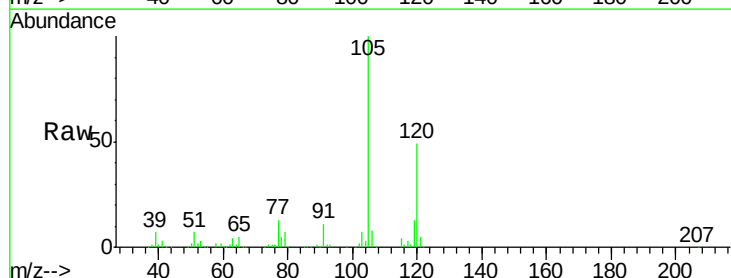
Acq: 20 Aug 2020 15:36

Tgt Ion:105 Resp: 133750

Ion Ratio Lower Upper

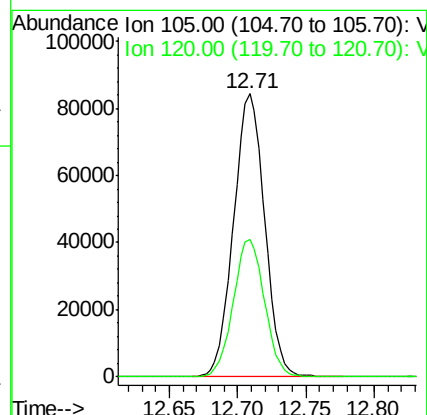
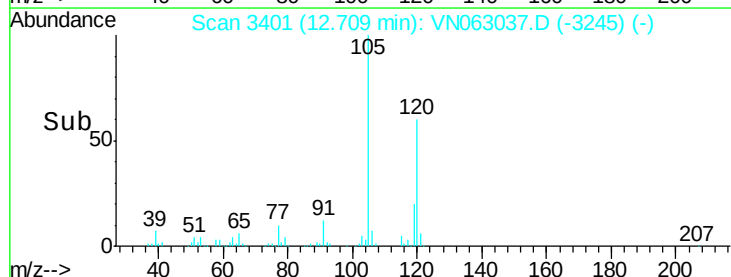
105 100

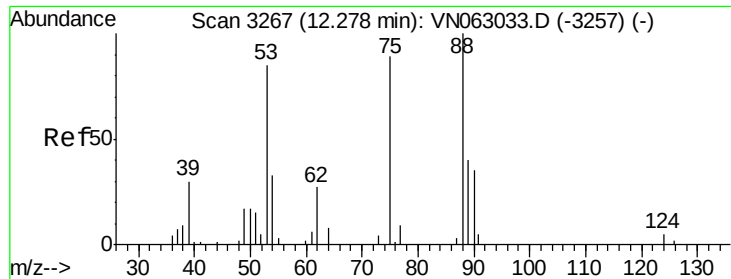
120 48.6 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN063037.D (-3389) (-)

Ion 120.00 (119.70 to 120.70): VN063037.D (-3389) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 18.657 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

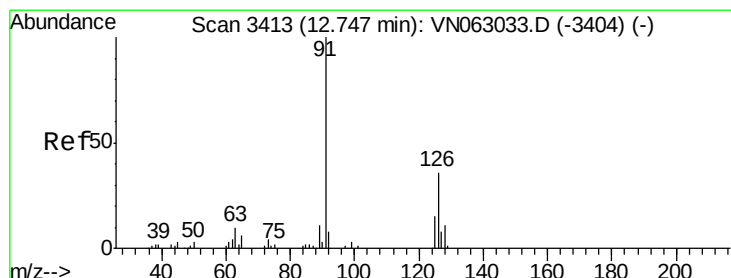
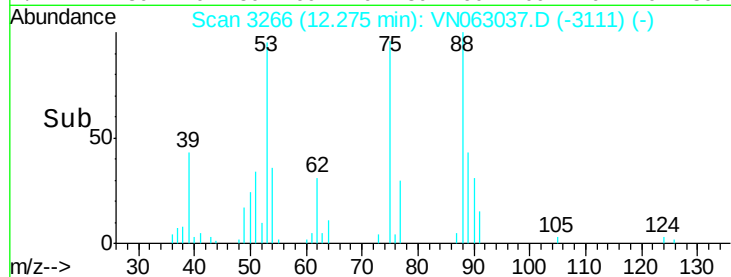
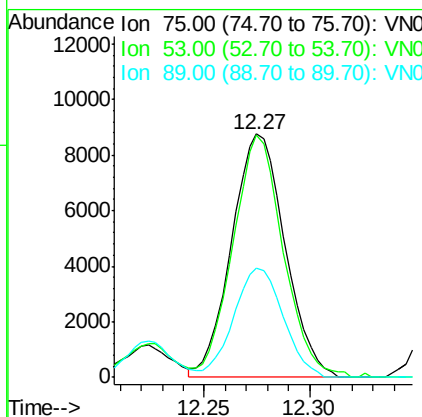
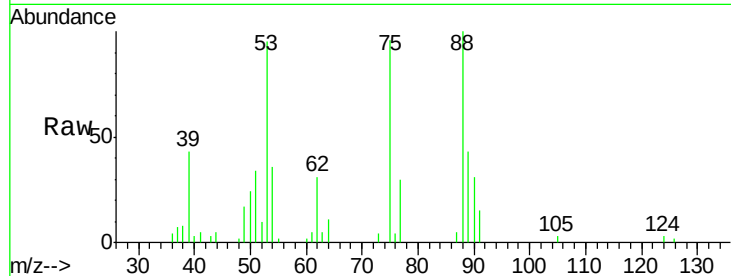
ClientSampleId :

VN0820WBSD01

Tot Ion:	75	Resp:	15414
Ion	Ratio	Lower	Upper
75	100		
53	97.0	47.0	141.0
89	44.8	22.9	68.7

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#78

4-Chlorotoluene

Concen: 19.027 ug/l

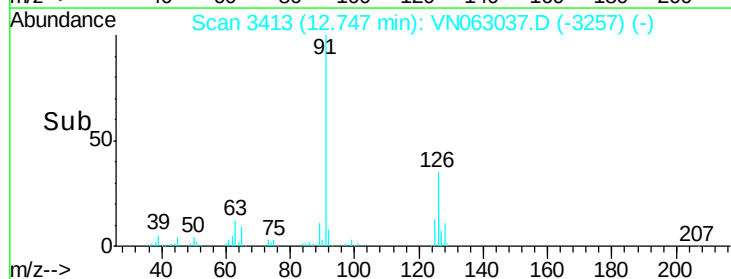
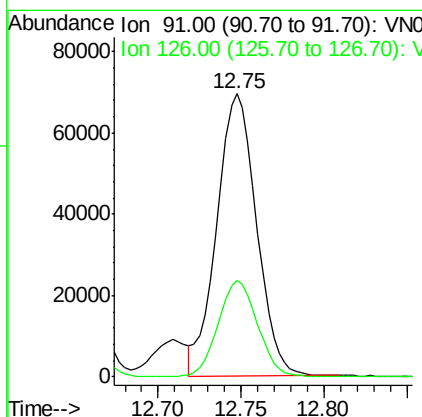
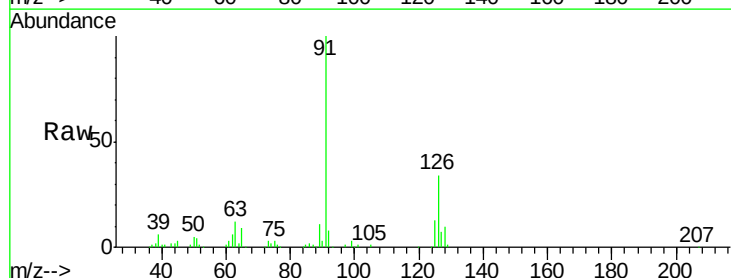
RT: 12.75 min Scan# 3413

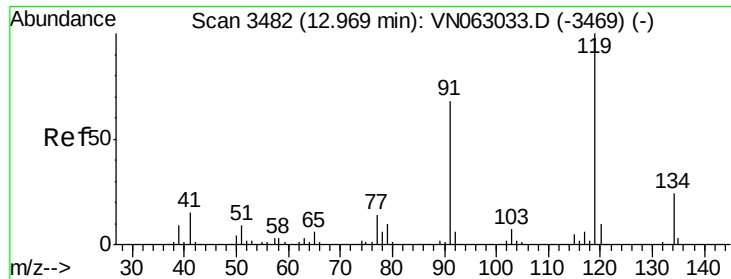
Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Tgt Ion:	91	Resp:	115216
Ion	Ratio	Lower	Upper
91	100		
126	33.9	0.0	65.0





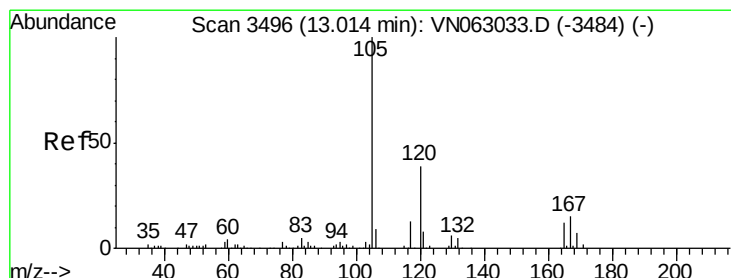
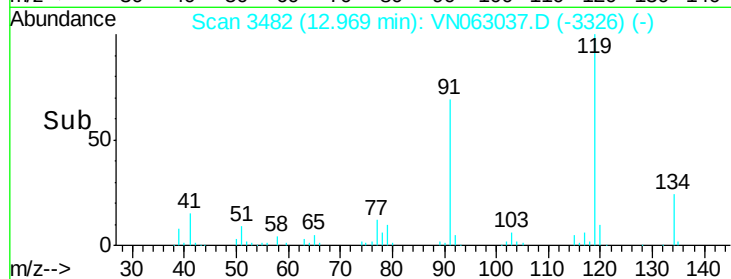
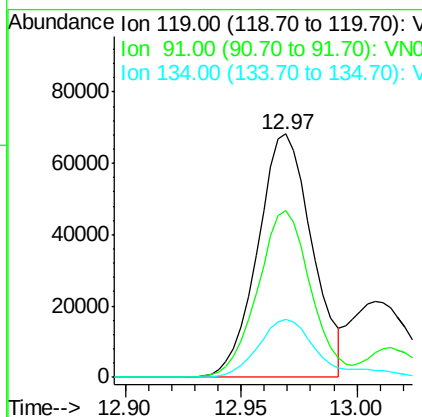
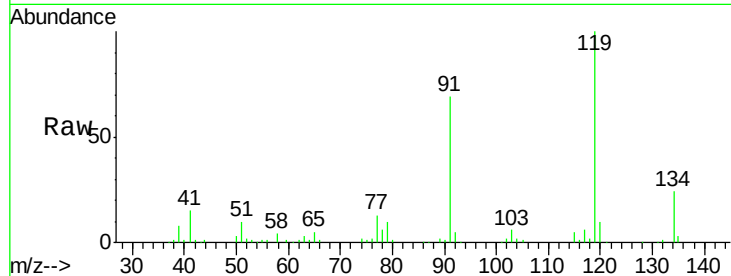
#79
tert-butylbenzene
Concen: 18.872 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	111320		
91	67.4	0.0	136.8	
134	24.1	0.0	48.8	

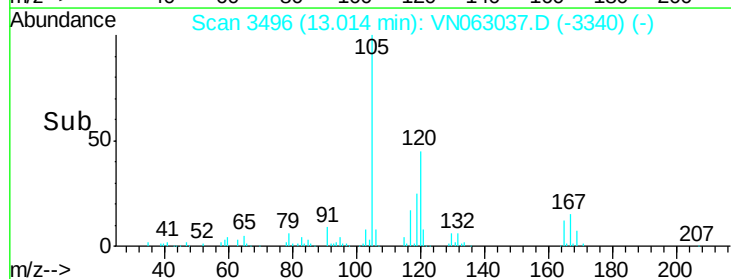
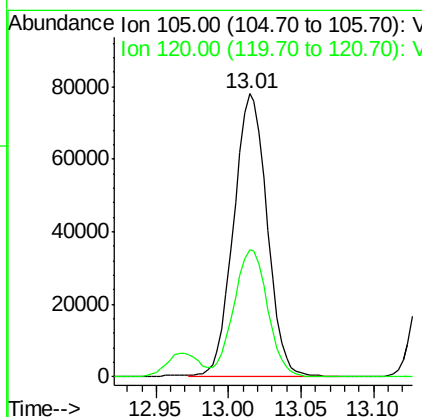
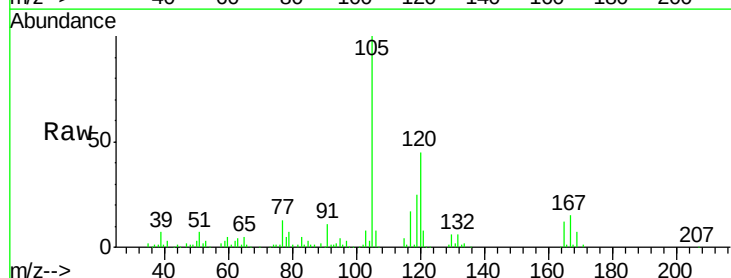
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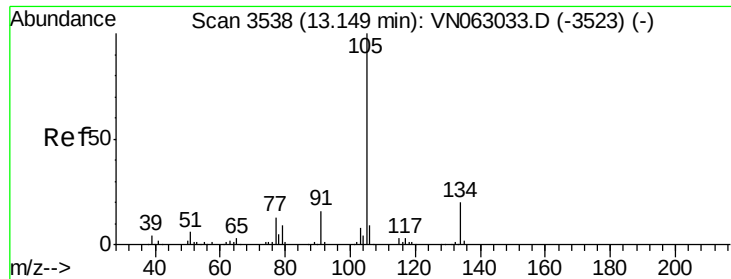
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#80
1,2,4-Trimethylbenzene
Concen: 18.284 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN063037.D
Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	124777		
120	45.8	0.0	90.4	





#81

sec-Butylbenzene

Concen: 18.845 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0820WBSD01

Tot Ion:105 Resp: 153127

Ion Ratio Lower Upper

105 100

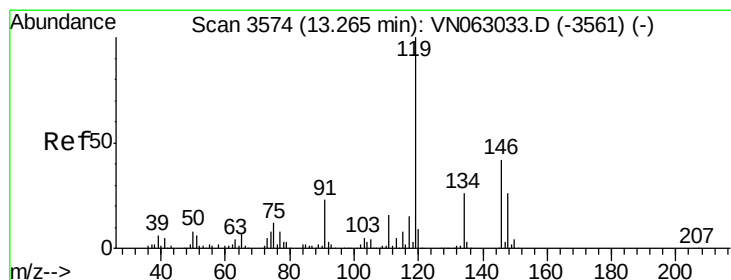
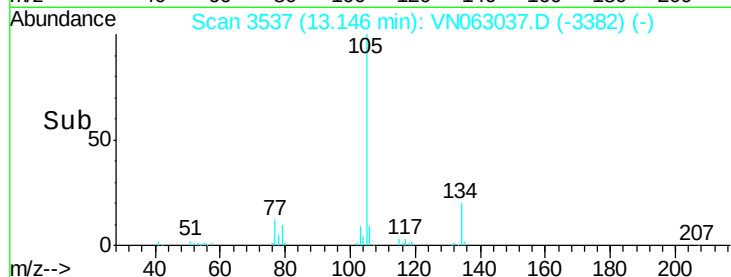
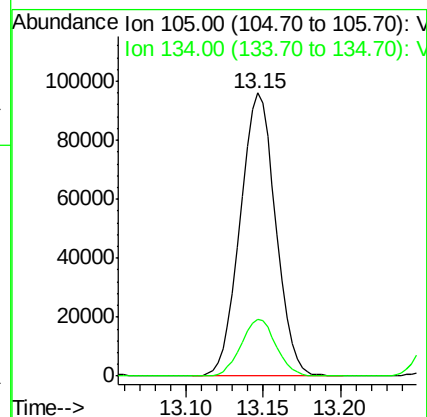
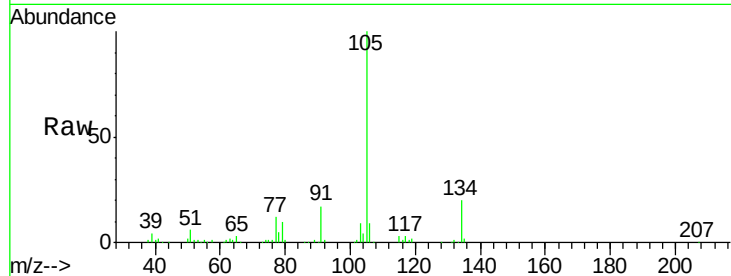
134 19.7 0.0 39.4

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#82

p-Isopropyltoluene

Concen: 18.003 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

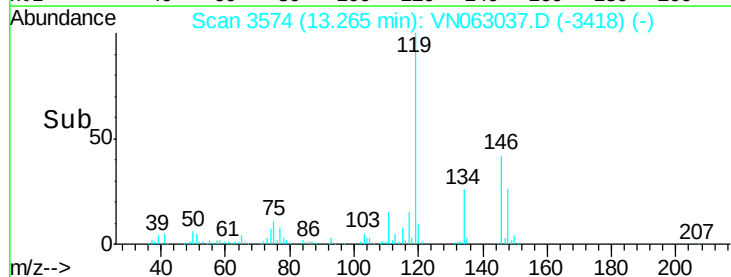
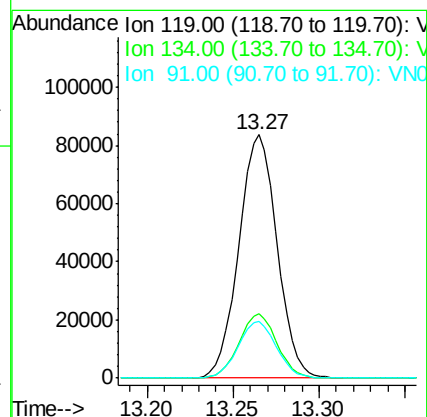
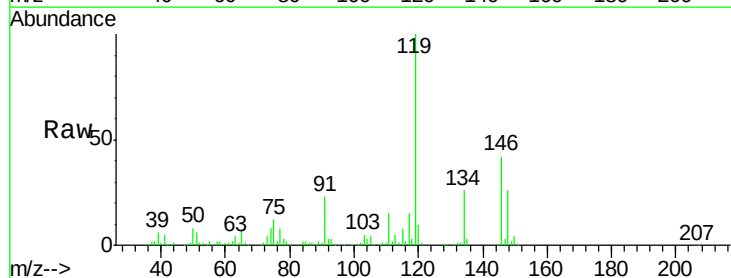
Tgt Ion:119 Resp: 129687

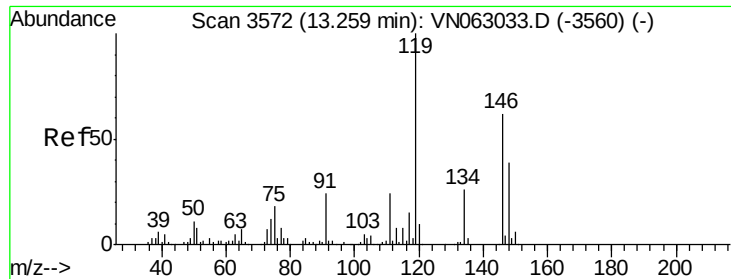
Ion Ratio Lower Upper

119 100

134 26.0 0.0 52.2

91 23.5 0.0 46.2





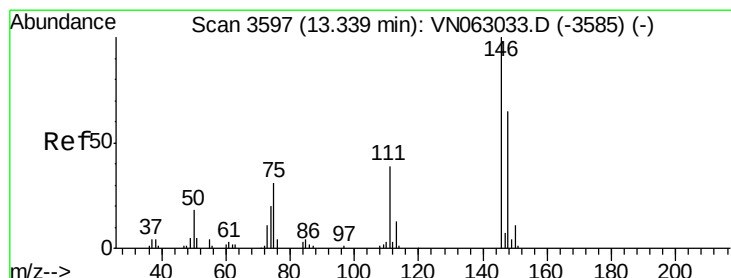
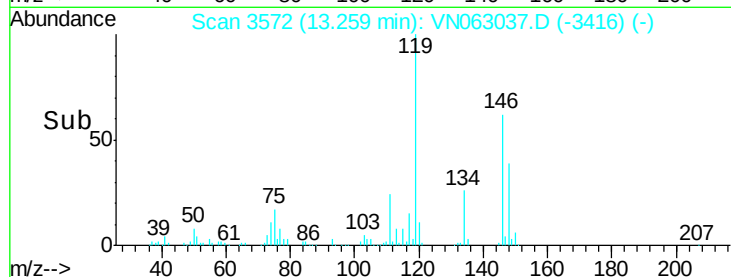
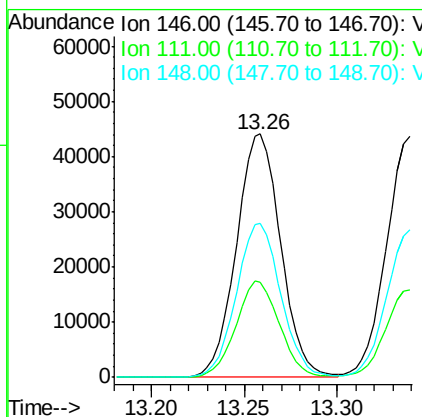
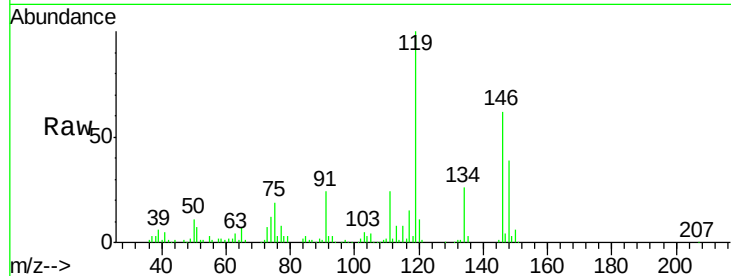
#83
 1,3-Dichlorobenzene
 Concen: 19.005 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.1
148	63.4	31.5	94.5

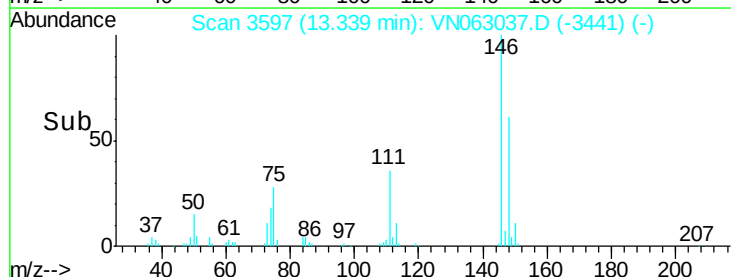
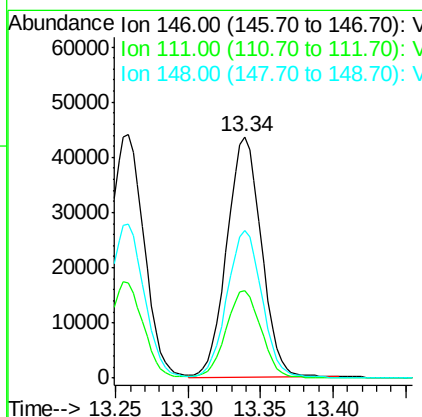
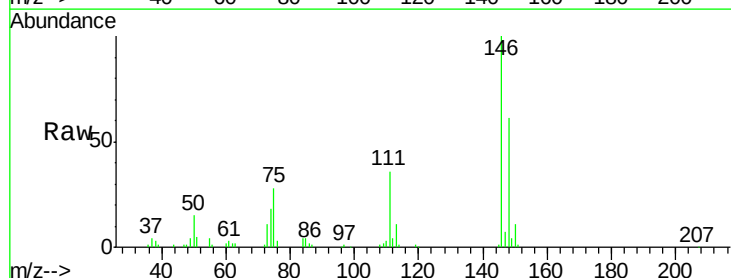
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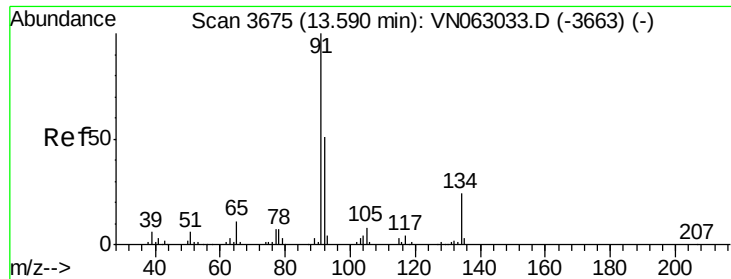
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#84
 1,4-Dichlorobenzene
 Concen: 19.046 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	55.8
148	61.5	31.6	94.8





#85

n-Butylbenzene

Concen: 16.664 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

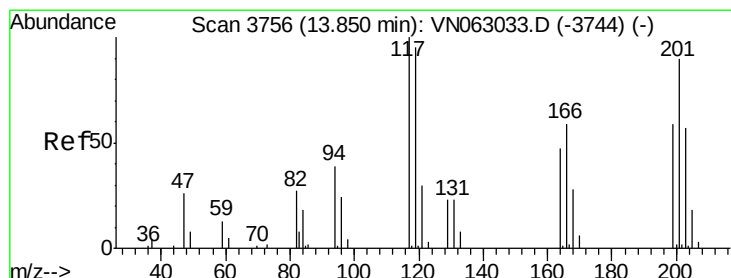
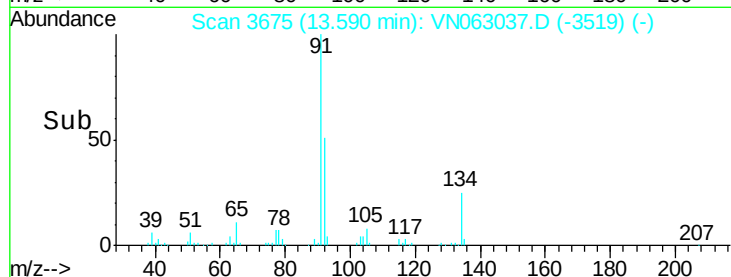
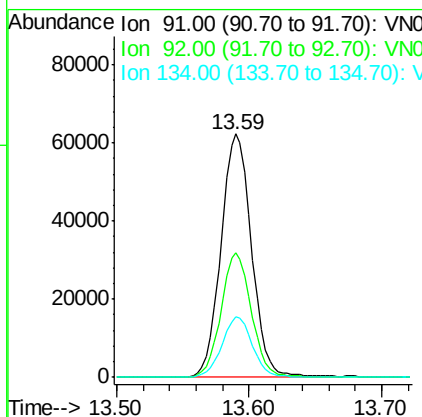
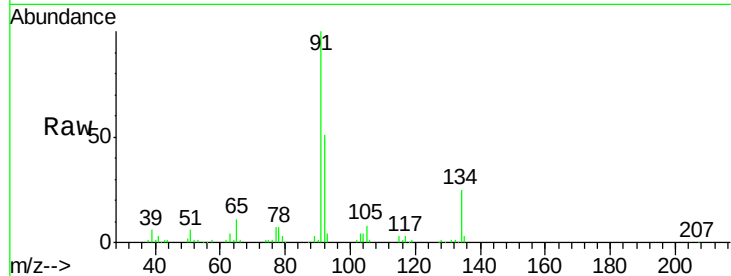
ClientSampleId :

VN0820WBSD01

Tot Ion:	91	Resp:	99760
Ion	Ratio	Lower	Upper
91	100		
92	50.5	0.0	100.6
134	24.6	0.0	47.4

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#86

Hexachloroethane

Concen: 18.832 ug/l

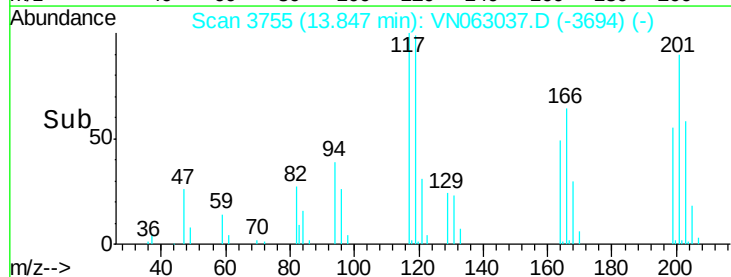
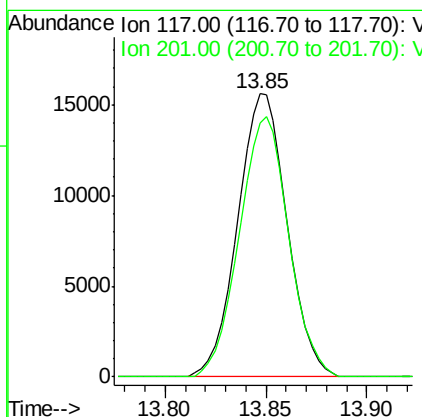
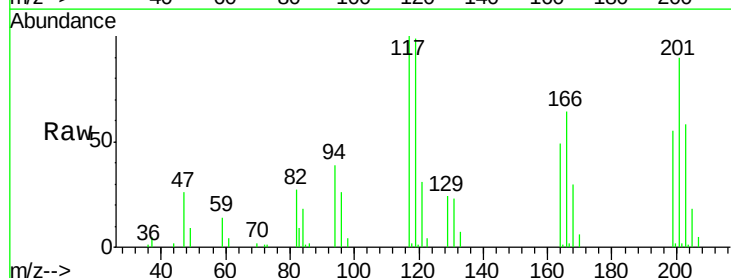
RT: 13.85 min Scan# 3755

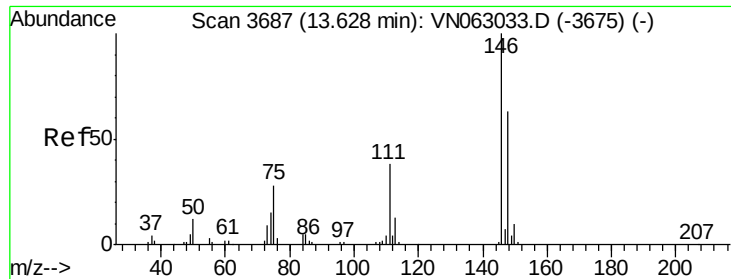
Delta R.T. -0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Tgt Ion:	117	Resp:	26719
Ion	Ratio	Lower	Upper
117	100		
201	91.7	46.1	138.3





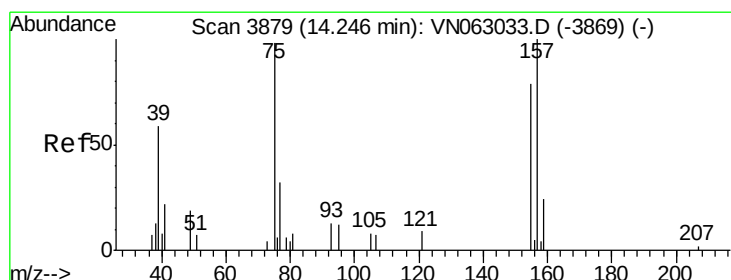
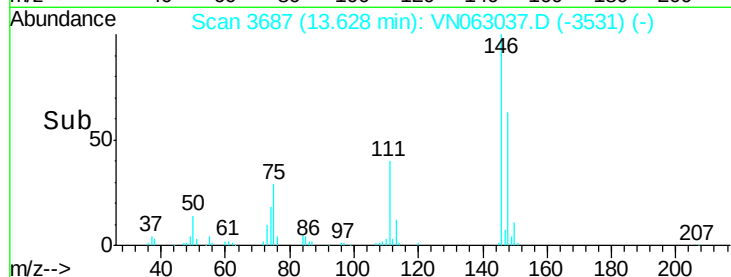
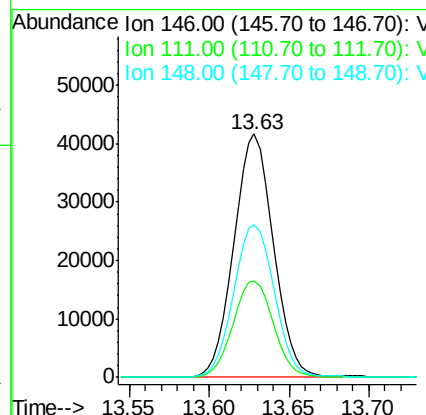
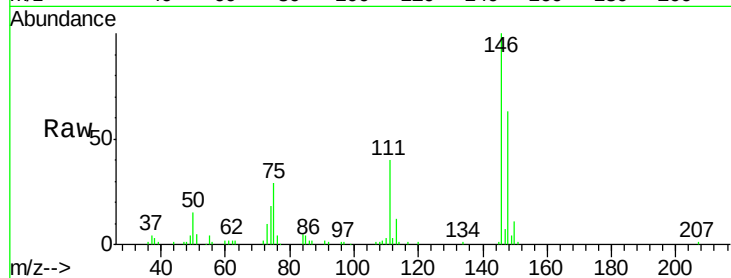
#87
 1,2-Dichlorobenzene
 Concen: 18.952 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.1	57.3
148	64.6	31.8	95.4

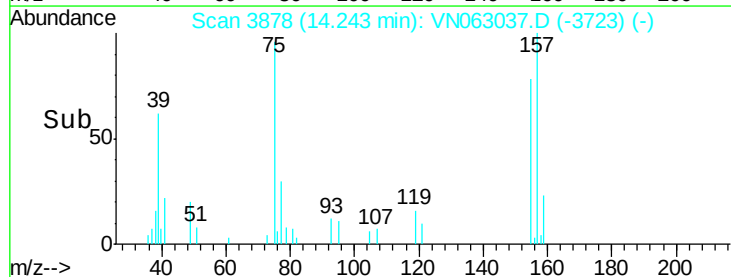
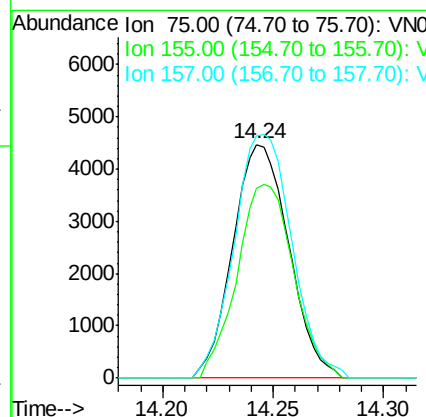
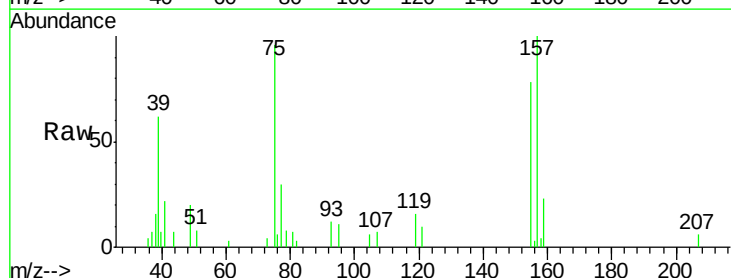
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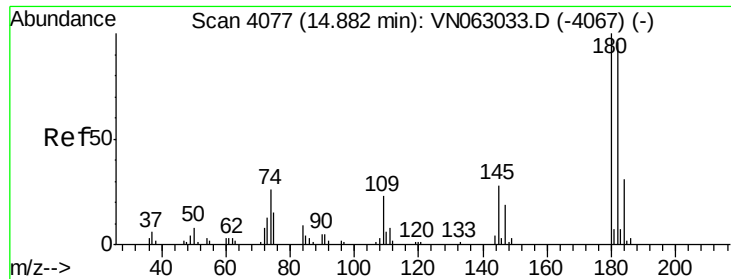
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.903 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.3	64.8	97.2
157	107.7	81.2	121.8





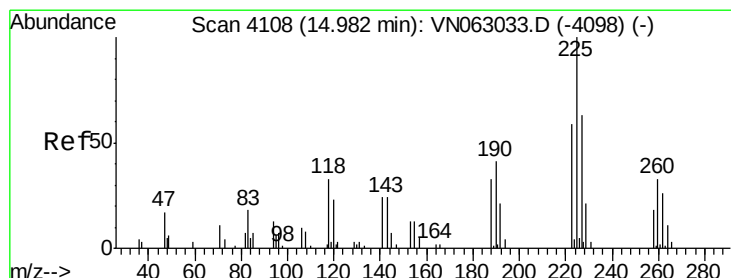
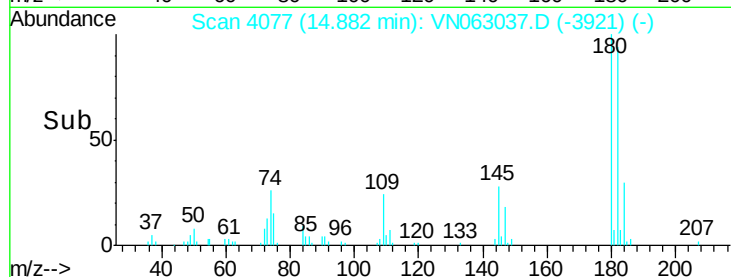
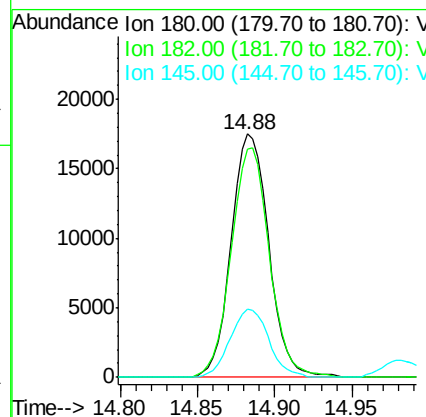
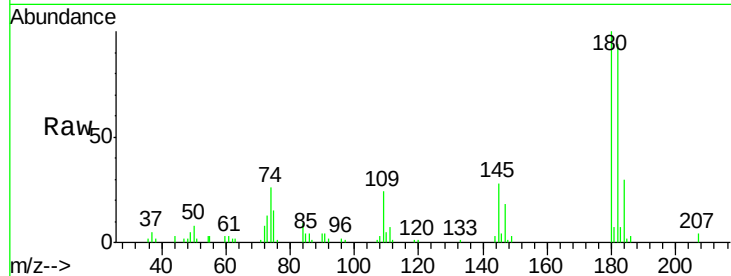
#89
 1,2,4-Trichlorobenzene
 Concen: 16.181 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0820WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	29582		
182	95.5	76.9	115.3	
145	28.7	21.9	32.9	

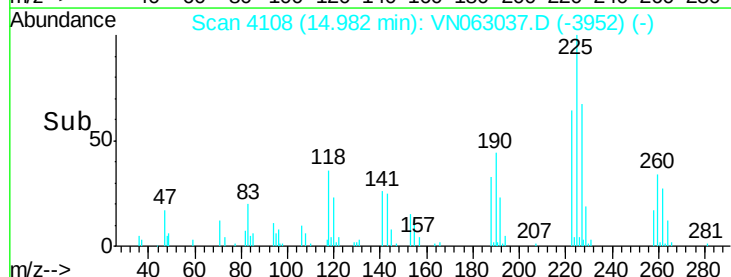
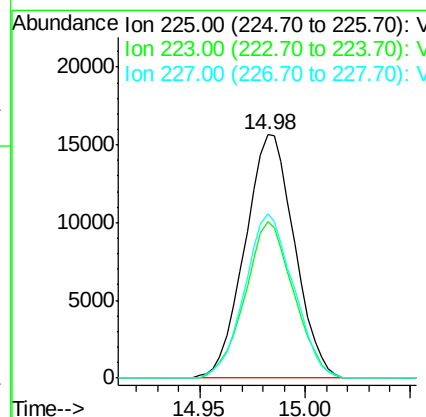
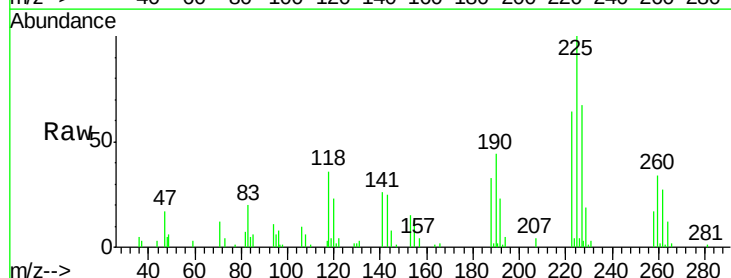
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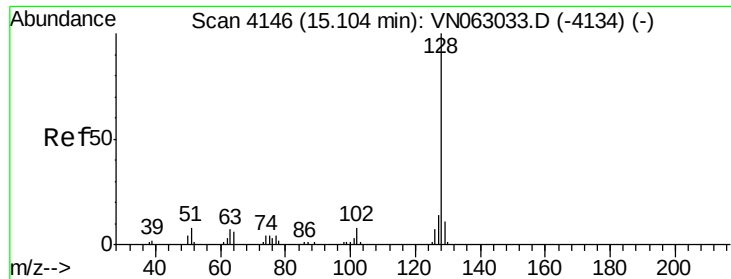
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#90
 Hexachlorobutadiene
 Concen: 18.843 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN063037.D
 Acq: 20 Aug 2020 15:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25497		
223	63.0	0.0	122.8	
227	66.2	0.0	125.6	





#91

Naphthalene

Concen: 15.158 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Instrument :

MSVOA_N

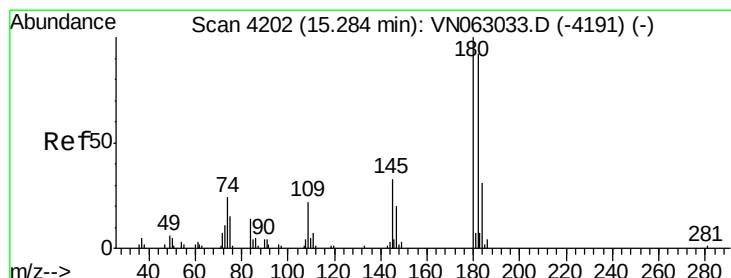
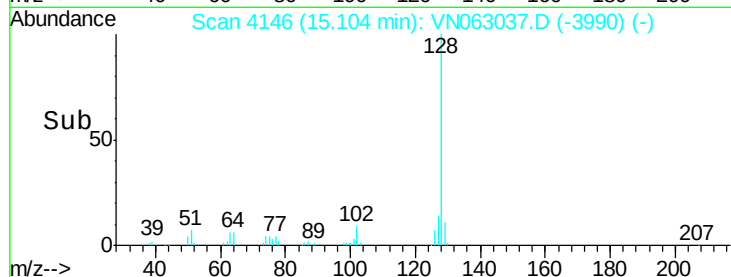
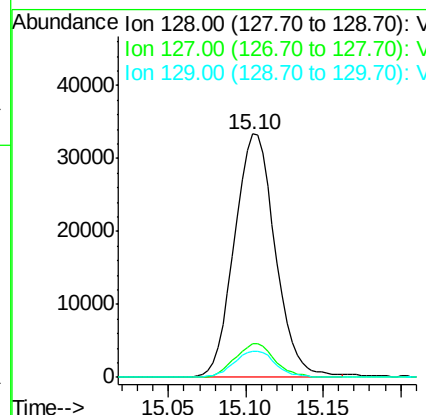
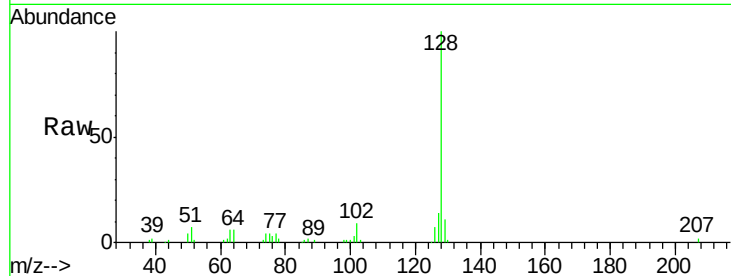
ClientSampleId :

VN0820WBSD01

Tot Ion:	128	Resp:	61235
Ion Ratio	Lower	Upper	
128	100		
127	13.3	11.1	16.7
129	10.8	8.4	12.6

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#92

1,2,3-Trichlorobenzene

Concen: 17.007 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN063037.D

Acq: 20 Aug 2020 15:36

Tgt Ion:	180	Resp:	31041
Ion Ratio	Lower	Upper	
180	100		
182	95.1	0.0	188.0
145	29.4	0.0	62.0

