

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064313.D
 Acq On : 26 Oct 2020 20:39
 Operator : JC/MD
 Sample : VN1026WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 2:21:31 PM

Quant Time: Oct 27 02:47:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 17:44:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	45963	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	261172	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	239856	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	132074	31.94	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.47%
60) 4-Bromofluorobenzene	12.38	95	129345	30.14	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.47%
63) Toluene-d8	10.06	98	316867	29.62	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	75026	19.958	ug/l 89
3) Chloromethane	2.04	50	67440	19.200	ug/l 95
4) Vinyl Chloride	2.16	62	65927	19.251	ug/l 98
5) Bromomethane	2.53	94	41317	19.547	ug/l 90
6) Chloroethane	2.67	64	36801	19.238	ug/l 98
7) Trichlorofluoromethane	2.98	101	108833	20.628	ug/l 92
8) Diethyl Ether	3.38	74	31427	18.595	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51294	19.086	ug/l 83
10) 1,1-Dichloroethene	3.70	96	46832	18.134	ug/l 90
11) Methyl Iodide	3.91	142	64960	17.566	ug/l 99
12) Methyl Acetate	4.28	43	55161	17.838	ug/l 98
13) Acrolein	3.57	56	16758	82.049	ug/l 100
14) Acrylonitrile	4.93	53	129077	95.961	ug/l 98
15) Acetone	3.78	58	33303	90.008	ug/l 98
16) Carbon Disulfide	4.01	76	138081	18.012	ug/l 99
17) Allyl chloride	4.28	41	88725	18.094	ug/l 98
18) Methylene Chloride	4.51	84	55652	18.924	ug/l 96
19) trans-1,2-Dichloroethene	4.99	96	50963m	18.182	ug/l
20) Diisopropyl ether	5.90	45	190398	19.183	ug/l 96
21) 1,1-Dichloroethane	5.79	63	104909	18.870	ug/l # 94
22) cis-1,2-Dichloroethene	6.78	96	61310	18.956	ug/l 96
23) tert-Butyl Alcohol	4.74	59	59255	96.792	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	185093	18.973	ug/l 98
25) Chloroform	7.33	83	110482	19.263	ug/l 95
26) Cyclohexane	7.62	56	83848	18.411	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	81151	18.049	ug/l 98
30) 2-Butanone	6.78	43	189129	89.272	ug/l # 98
31) 2,2-Dichloropropane	6.78	77	92374	17.103	ug/l # 62
32) 1,1,1-Trichloroethane	7.53	97	106391	18.903	ug/l 99
33) Carbon Tetrachloride	7.73	117	94821	18.413	ug/l 99
34) Benzene	8.00	78	223715	18.540	ug/l 97
35) Methacrylonitrile	7.14	41	38972m	17.615	ug/l
36) 1,2-Dichloroethane	8.09	62	101071m	18.857	ug/l
37) Trichloroethene	8.80	130	59878	18.193	ug/l 99
38) Methylcyclohexane	9.05	83	76927	17.706	ug/l 98
39) 1,2-Dichloropropane	9.08	63	59809	18.360	ug/l 97
40) Dibromomethane	9.18	93	41545	18.374	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	90453	18.523	ug/l	96
42) Vinyl Acetate	5.84	43	810173	89.491	ug/l	99
43) Ethyl Acetate	6.88	43	82750	19.162	ug/l #	89
44) Isopropyl Acetate	8.13	43	143604	18.098	ug/l	98
45) 1,4-Dioxane	9.16	88	22355	365.309	ug/l	93
46) Methyl methacrylate	9.16	41	69189	17.869	ug/l	99
47) n-amyl Acetate	12.04	43	116708	17.470	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	96723	17.560	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	101005	17.994	ug/l	96
50) 1,1,2-Trichloroethane	10.53	97	53867	17.745	ug/l	94
51) Ethyl methacrylate	10.40	69	82886	17.487	ug/l	99
52) 1,3-Dichloropropane	10.68	76	96422	18.089	ug/l	94
53) Dibromochloromethane	10.87	129	66983	18.067	ug/l	99
54) 1,2-Dibromoethane	10.98	107	60943	18.794	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	218885	92.779	ug/l	98
56) Bromoform	12.10	173	45152	16.987	ug/l #	92
58) 4-Methyl-2-Pentanone	9.95	43	418221	94.246	ug/l	99
59) 2-Hexanone	10.72	43	307382	92.704	ug/l	98
61) Tetrachloroethene	10.60	164	60716	18.982	ug/l	95
62) Toluene	10.12	91	243022	18.394	ug/l	100
64) Chlorobenzene	11.41	112	149056	18.097	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.48	131	58925	18.109	ug/l	95
66) Ethyl Benzene	11.48	91	272088	18.019	ug/l	96
67) m/p-Xylenes	11.59	106	198939	35.875	ug/l	97
68) o-Xylene	11.92	106	97946	17.960	ug/l	99
69) Styrene	11.94	104	161465	17.765	ug/l	98
70) Isopropylbenzene	12.22	105	261162	18.061	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	76225	18.502	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	83364m	19.001	ug/l	
73) Bromobenzene	12.50	156	63393	17.884	ug/l	99
74) n-propylbenzene	12.57	91	292944	17.775	ug/l	99
75) 2-Chlorotoluene	12.65	91	183177	17.973	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	219529	17.952	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	28263	17.253	ug/l	94
78) 4-Chlorotoluene	12.75	91	186274	17.465	ug/l	99
79) tert-butylbenzene	12.97	119	177734	17.636	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	219725	17.813	ug/l	99
81) sec-Butylbenzene	13.14	105	228454	17.466	ug/l	100
82) p-Isopropyltoluene	13.26	119	203861	17.015	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	107306	17.427	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	105139	17.004	ug/l	100
85) n-Butylbenzene	13.59	91	174412	16.694	ug/l	97
86) Hexachloroethane	13.85	117	37861	16.945	ug/l	94
87) 1,2-Dichlorobenzene	13.63	146	105728	17.438	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	19593	18.815	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	57786	16.821	ug/l	96
90) Hexachlorobutadiene	14.98	225	30471	16.480	ug/l	96
91) Naphthalene	15.10	128	178093	17.173	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	54487	16.419	ug/l	99

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Response via : Initial Calibration

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

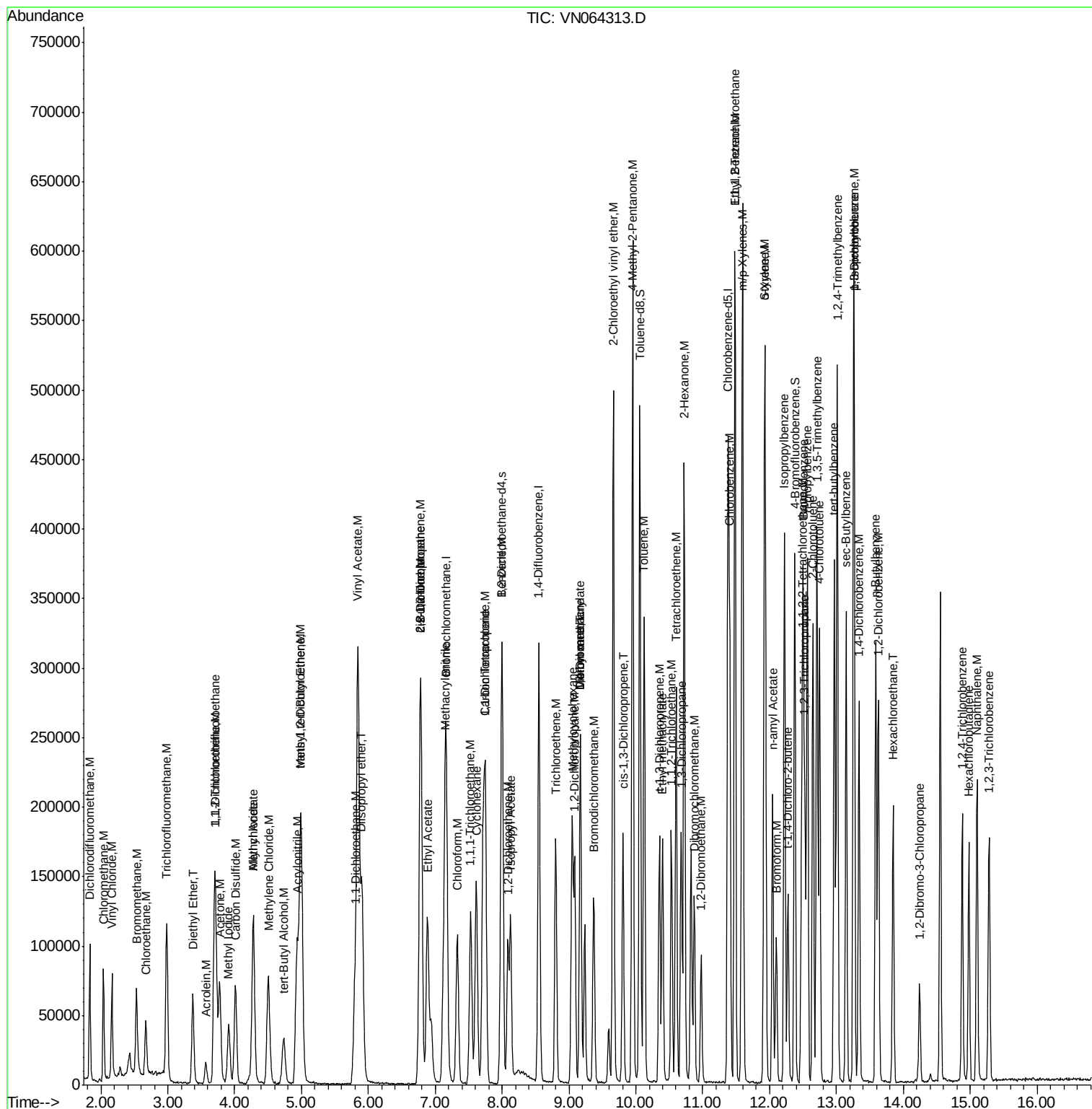
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
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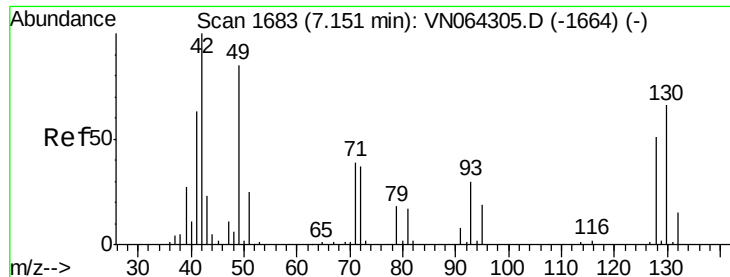
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tot Ion:128 Resp: 45963

Ion Ratio Lower Upper

128 100

49 184.2 0.0 439.5

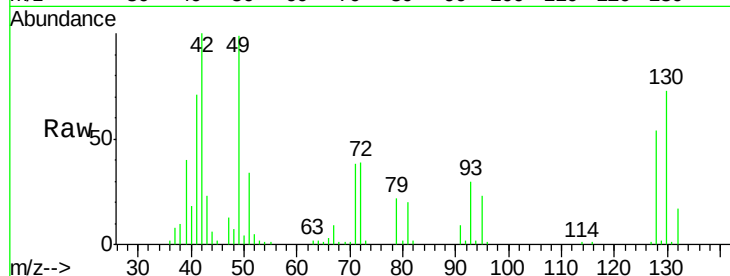
130 133.7 0.0 323.8

Manual Integrations

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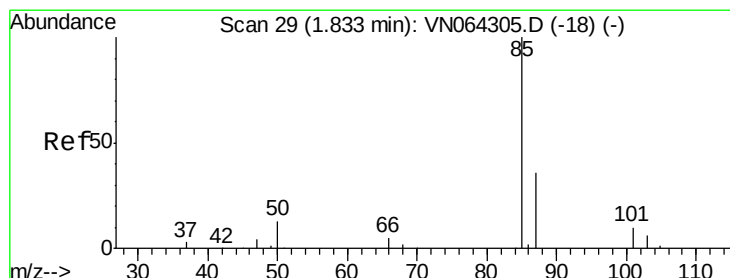
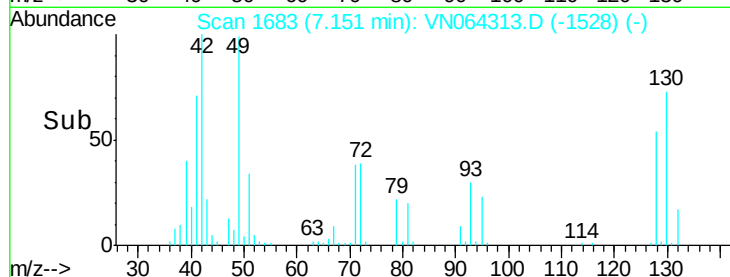
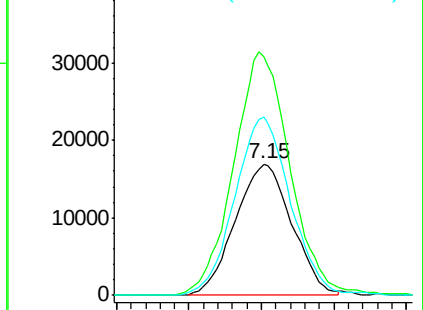
10/27/2020 2:21:31 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.958 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064313.D

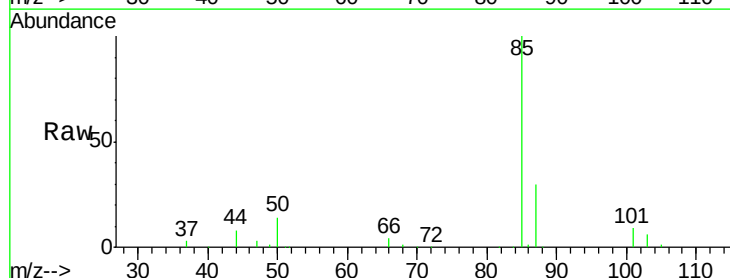
Acq: 26 Oct 2020 20:39

Tgt Ion: 85 Resp: 75026

Ion Ratio Lower Upper

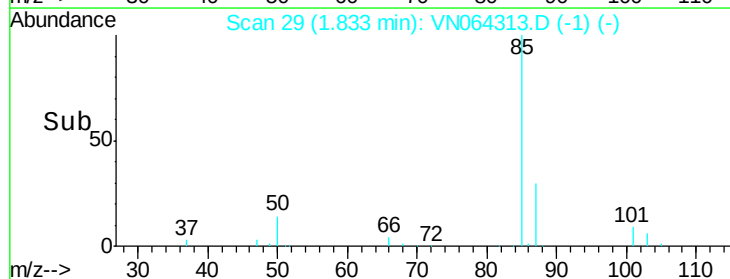
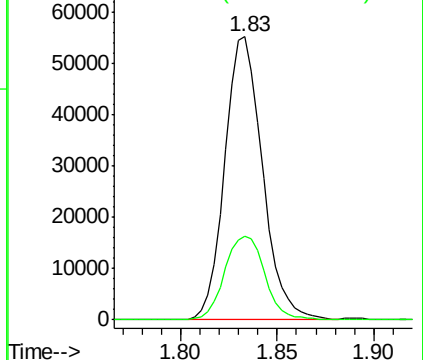
85 100

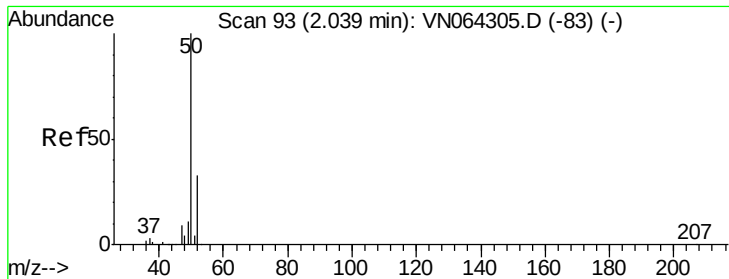
87 29.6 18.1 54.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 19.200 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tot Ion: 50 Resp: 67440

Ion Ratio Lower Upper

50 100

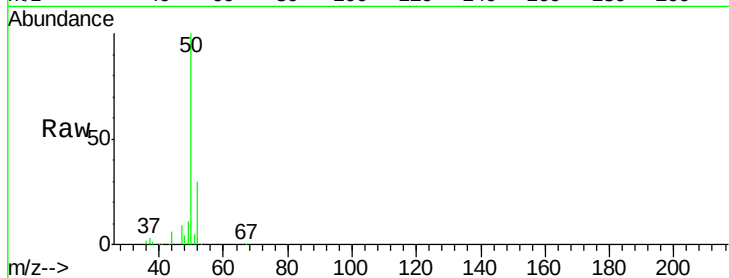
52 29.8 26.2 39.2

Manual Integrations

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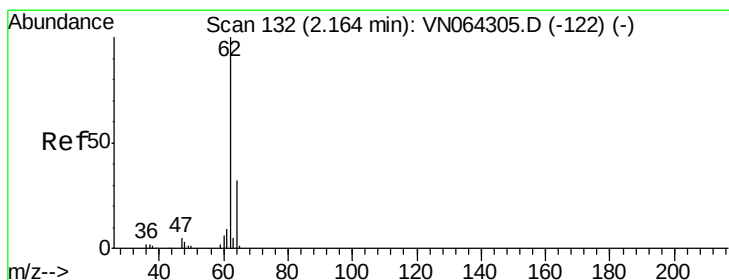
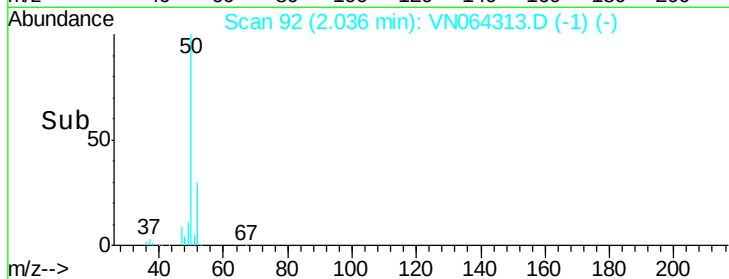
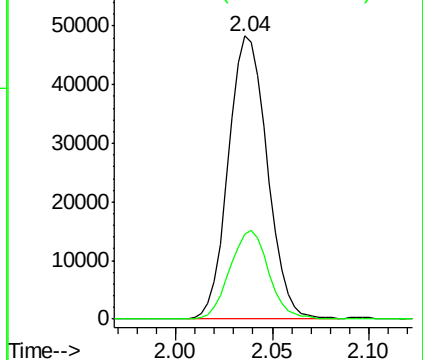
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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 19.251 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064313.D

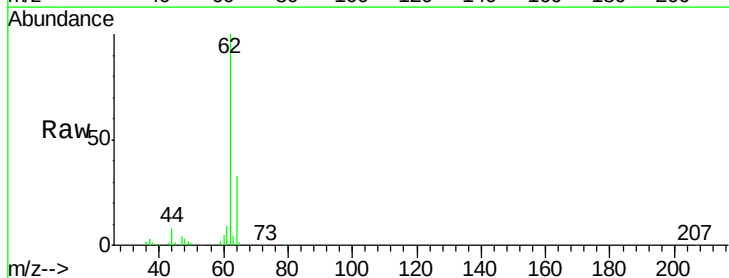
Acq: 26 Oct 2020 20:39

Tgt Ion: 62 Resp: 65927

Ion Ratio Lower Upper

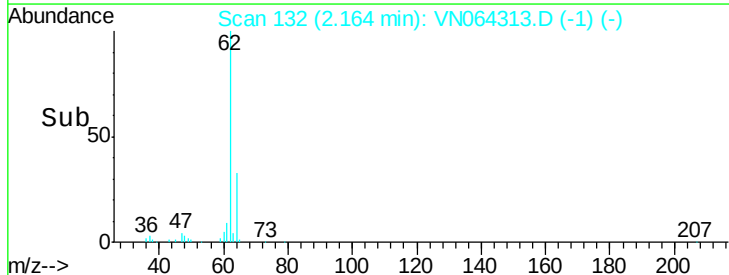
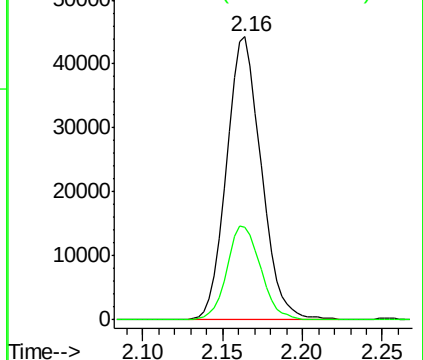
62 100

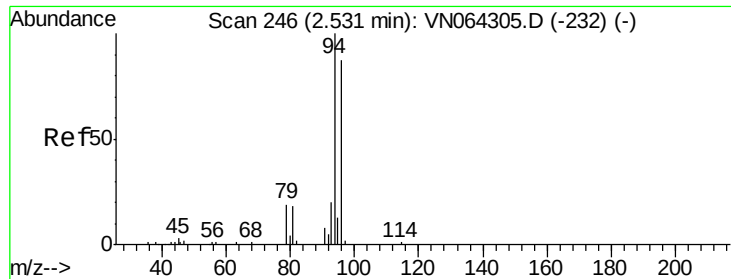
64 32.9 25.5 38.3



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 19.547 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

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VN1026WBS01

Tot Ion: 94 Resp: 41317

Ion Ratio Lower Upper

94 100

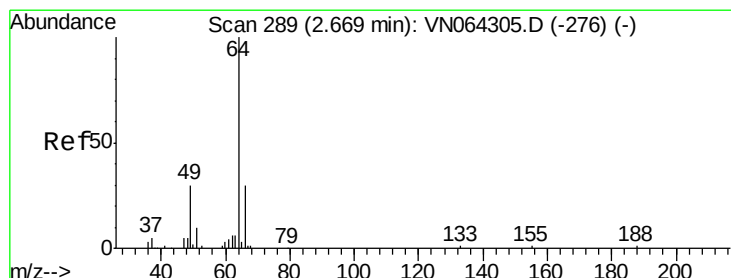
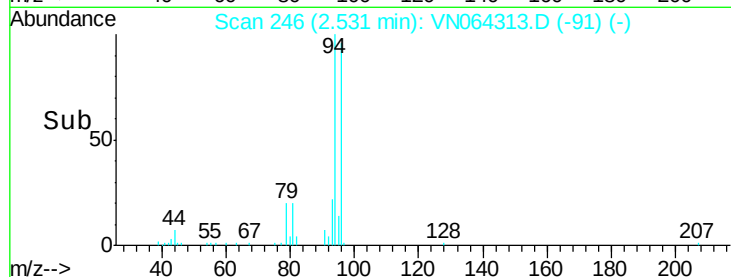
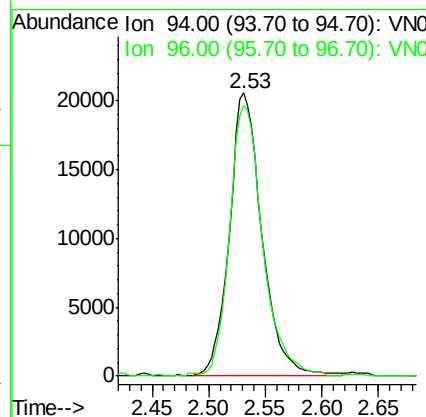
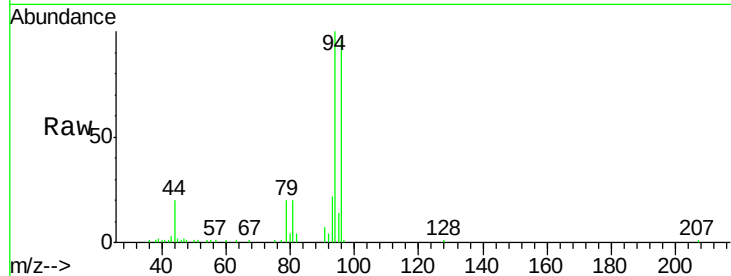
96 95.6 69.4 104.0

Manual Integrations

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#6

Chloroethane

Concen: 19.238 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064313.D

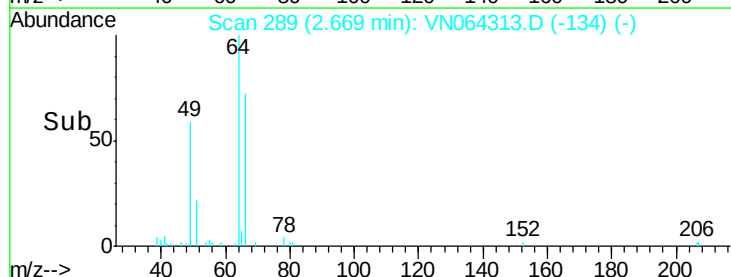
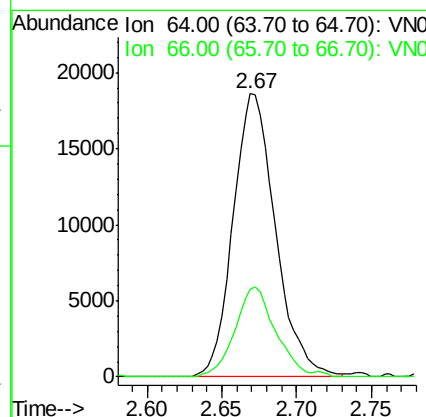
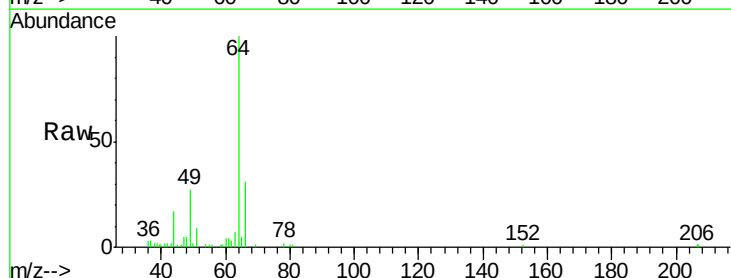
Acq: 26 Oct 2020 20:39

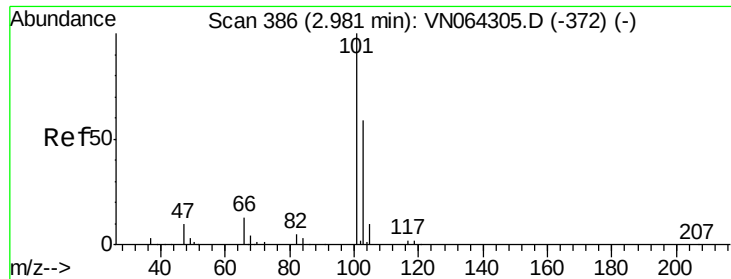
Tgt Ion: 64 Resp: 36801

Ion Ratio Lower Upper

64 100

66 30.9 24.1 36.1





#7

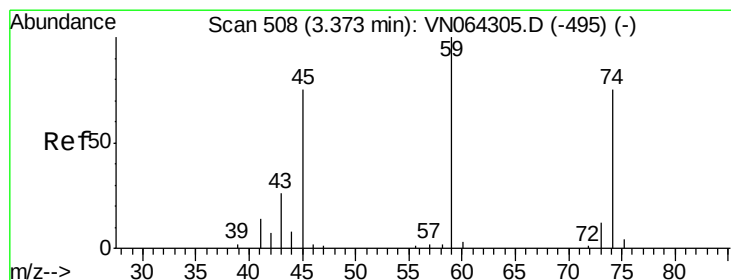
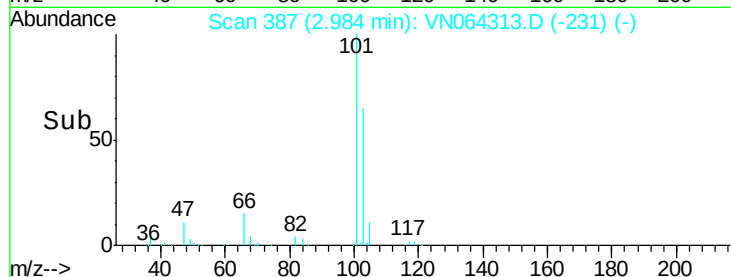
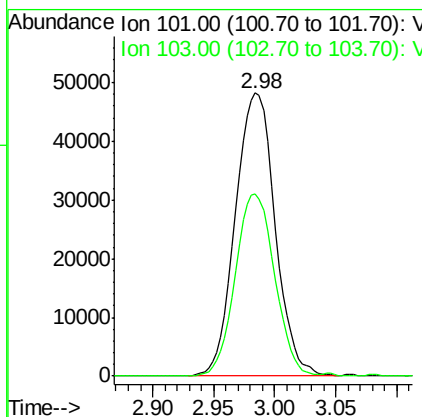
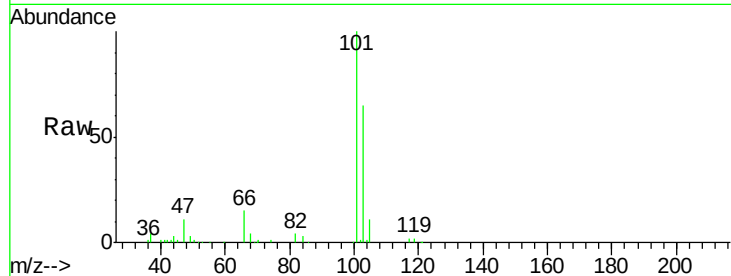
Trichlorofluoromethane
Concen: 20.628 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
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ClientSampleId :
VN1026WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	47.1	70.7

Manual Integrations
APPROVED

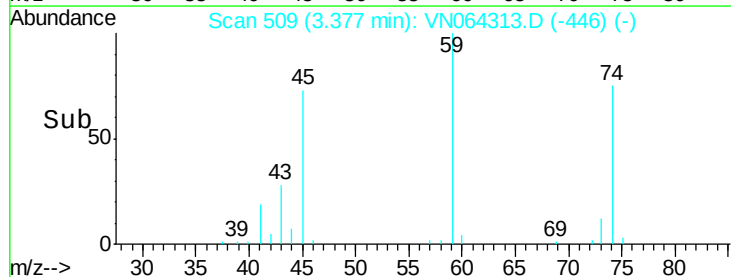
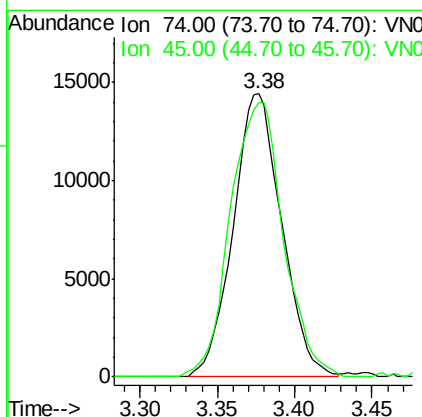
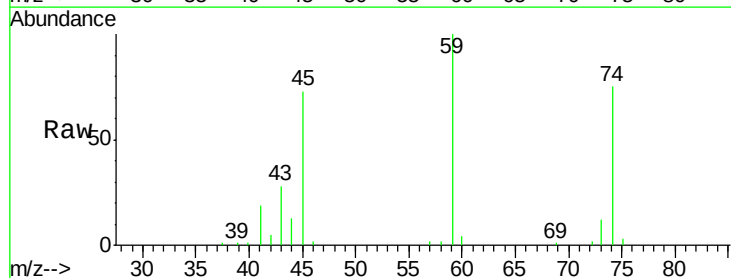
MMDadoda
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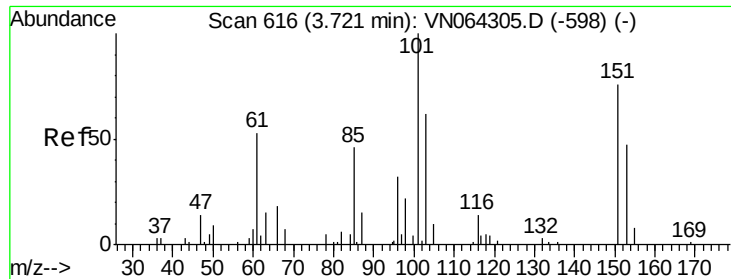


#8

Diethyl Ether
Concen: 18.595 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.2	20.4	183.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.086 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

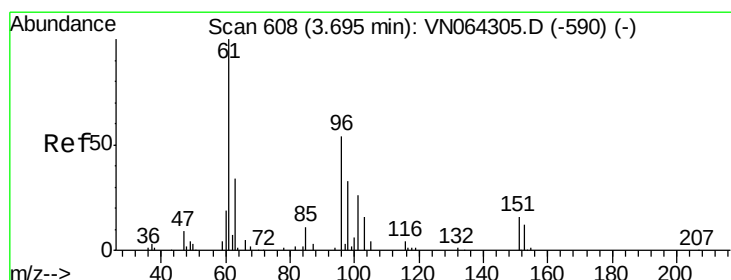
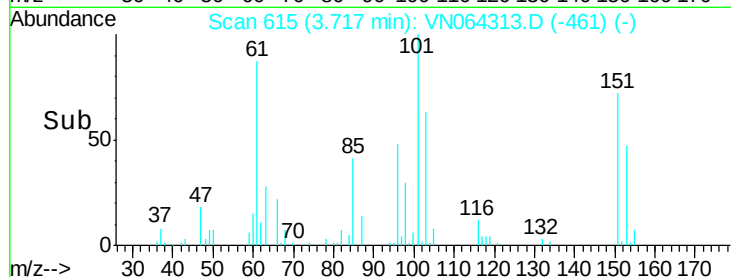
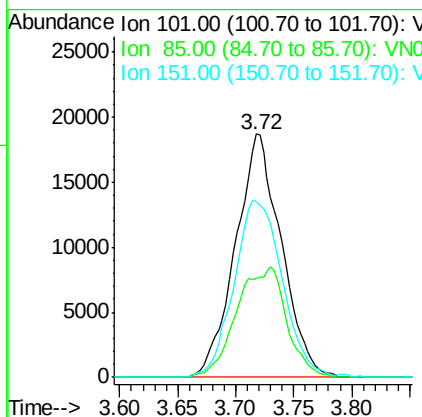
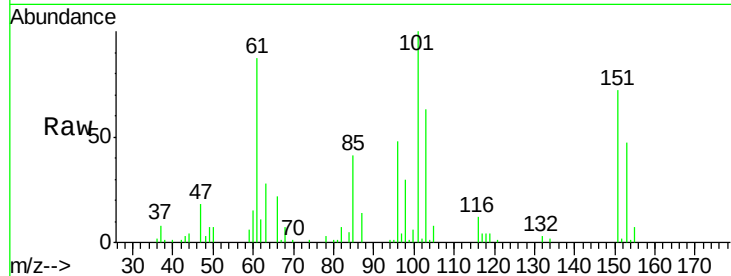
ClientSampleId :

VN1026WBS01

Tot Ion:	101	Resp:	51294
Ion Ratio	Lower	Upper	
101	100		
85	19.2	0.0	96.2
151	76.8	0.0	154.4

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#10

1,1-Dichloroethene

Concen: 18.134 ug/l

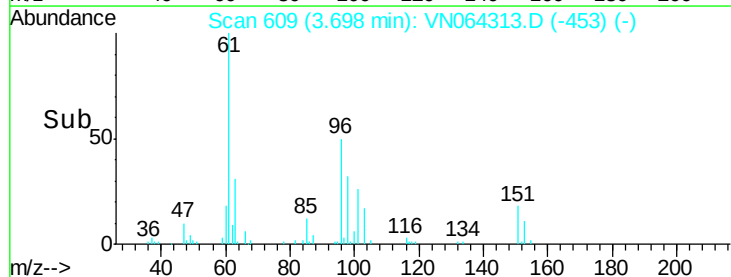
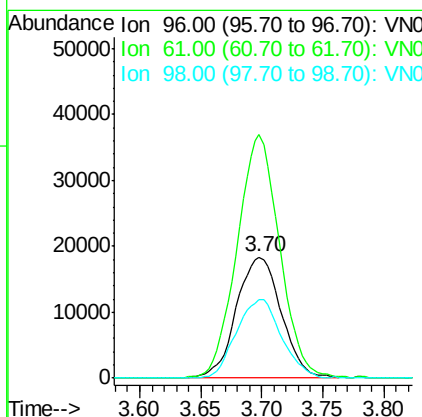
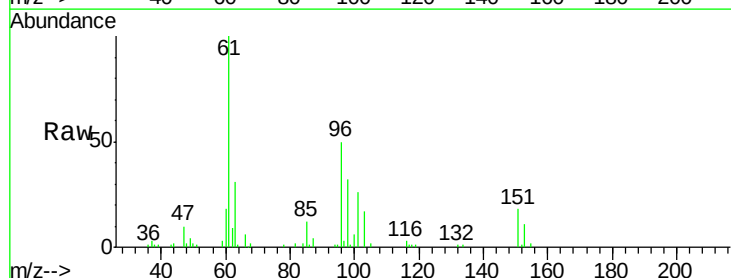
RT: 3.70 min Scan# 609

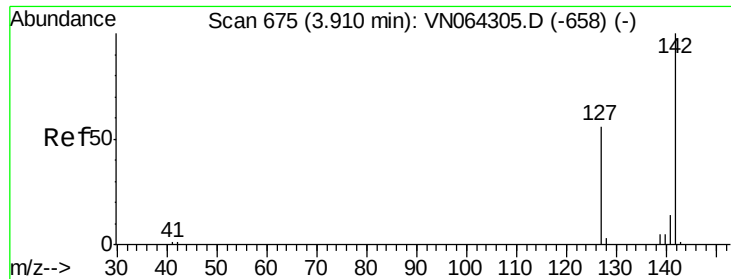
Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Tgt Ion:	96	Resp:	46832
Ion Ratio	Lower	Upper	
96	100		
61	200.6	147.4	221.2
98	65.0	48.8	73.2





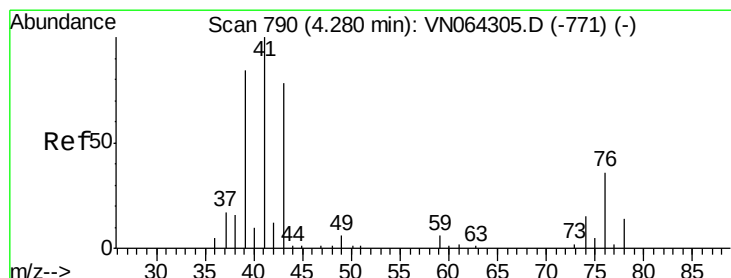
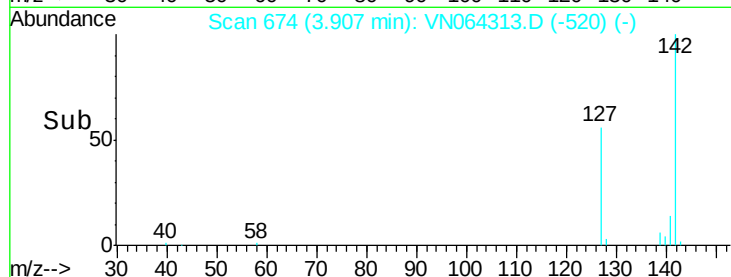
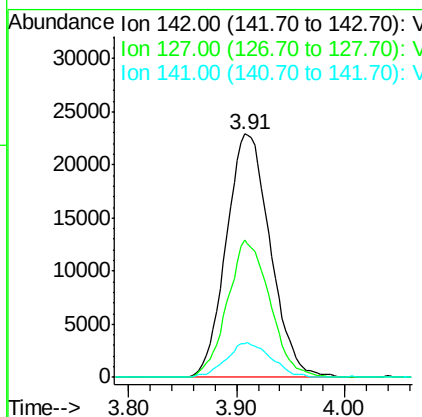
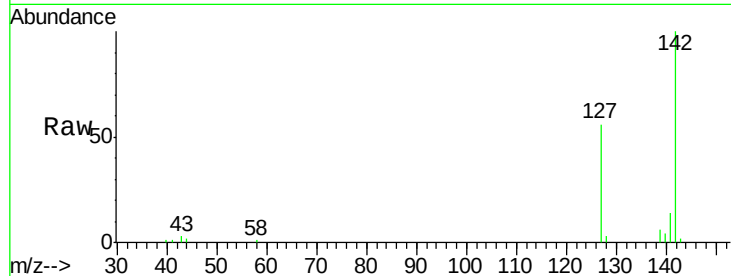
#11
Methyl Iodide
Concen: 17.566 ug/l
RT: 3.91 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	56.3	27.9	83.7
141	13.9	7.1	21.3

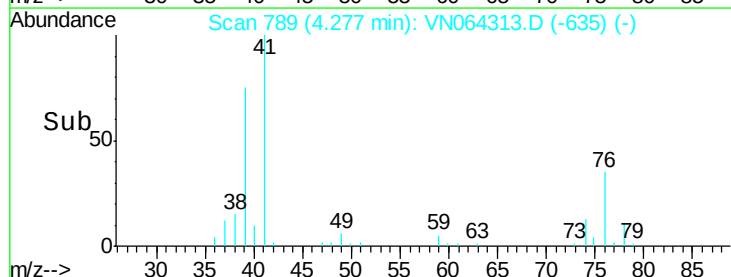
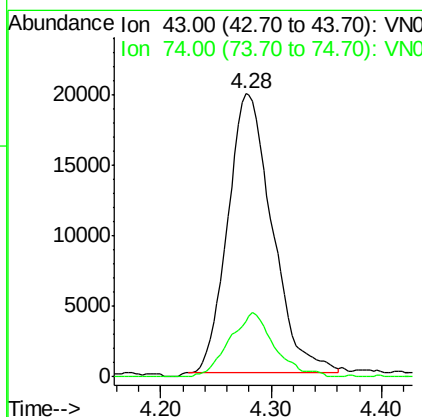
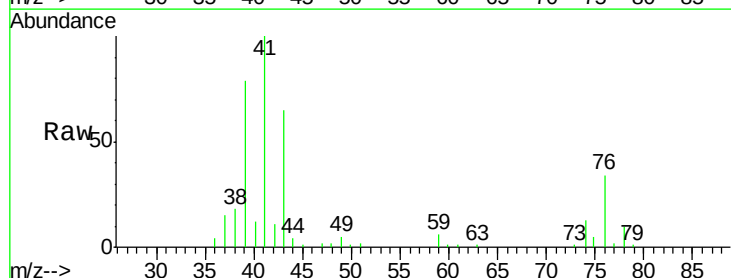
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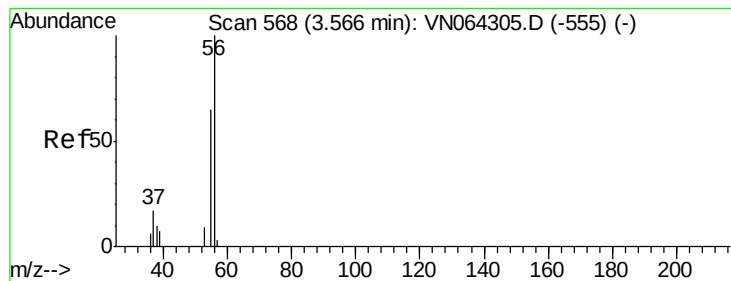
MMDadoda
10/27/2020 2:21:31 PM



#12
Methyl Acetate
Concen: 17.838 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.1	15.4	23.0





#13

Acrolein

Concen: 82.049 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tot Ion: 56 Resp: 16758

Ion Ratio Lower Upper

56 100

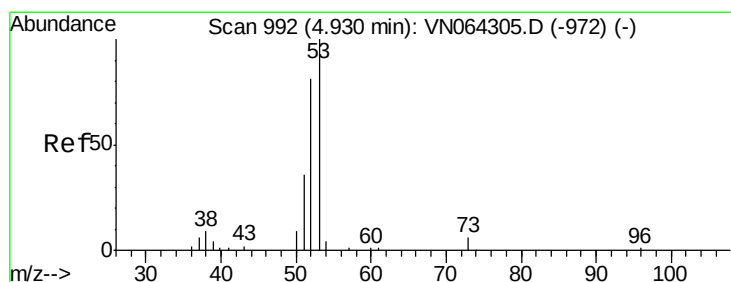
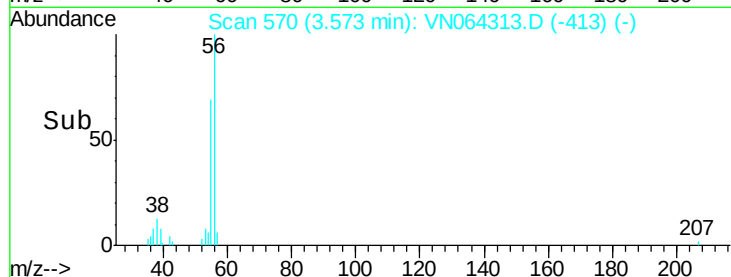
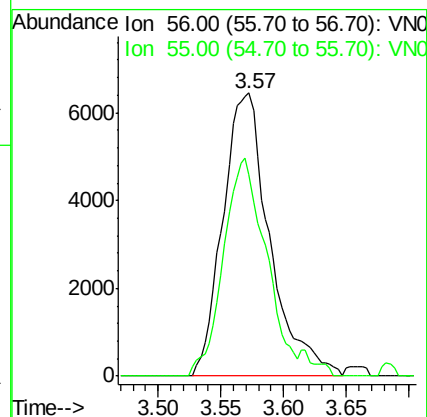
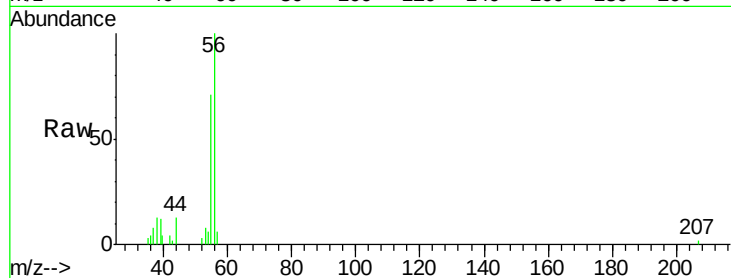
55 69.5 55.5 83.3

Manual Integrations

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#14

Acrylonitrile

Concen: 95.961 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

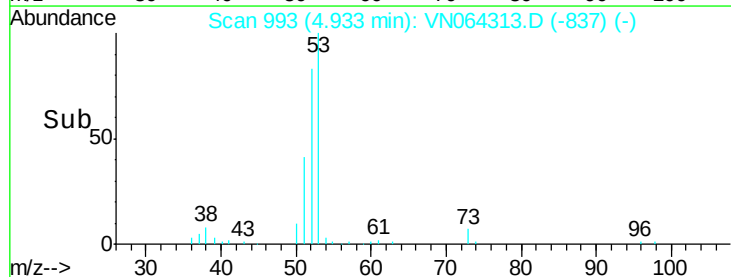
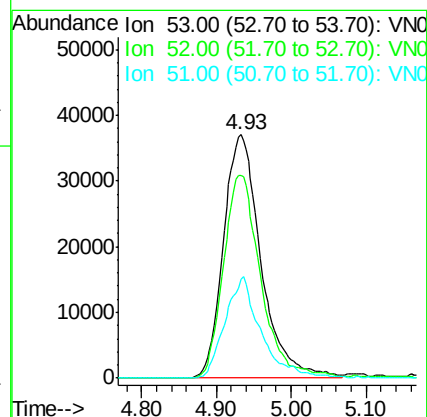
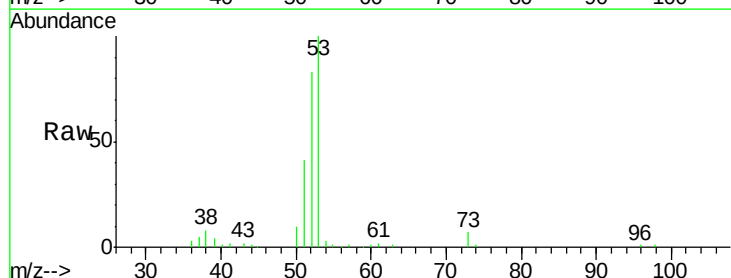
Tgt Ion: 53 Resp: 129077

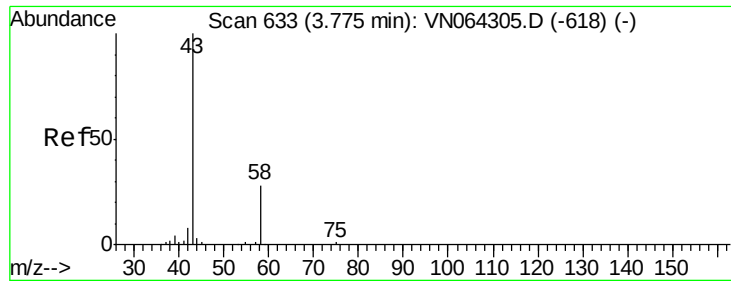
Ion Ratio Lower Upper

53 100

52 82.1 41.7 125.1

51 37.6 19.4 58.2





#15

Acetone

Concen: 90.008 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tot Ion: 58 Resp: 33303

Ion Ratio Lower Upper

58 100

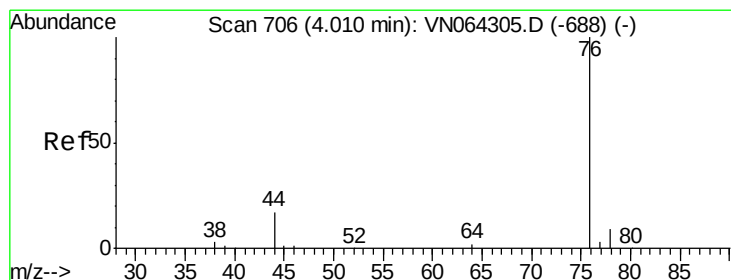
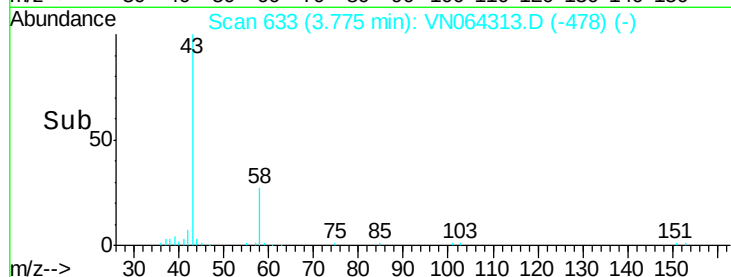
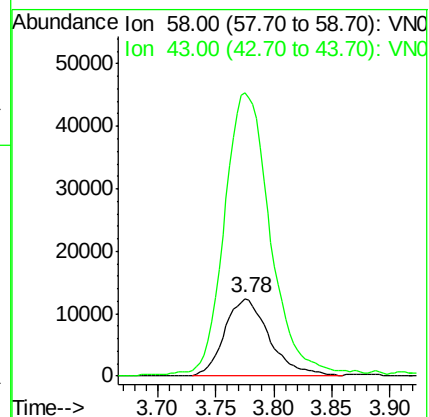
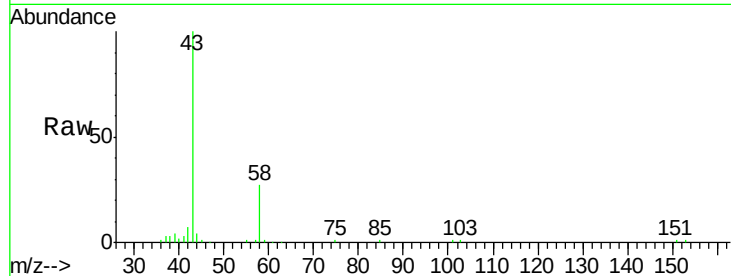
43 358.7 289.9 434.9

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.012 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064313.D

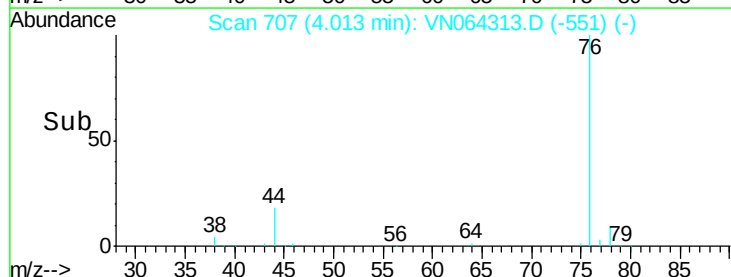
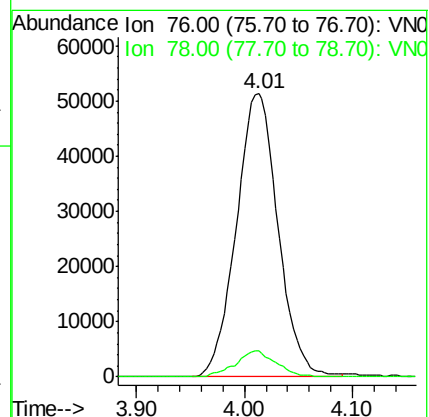
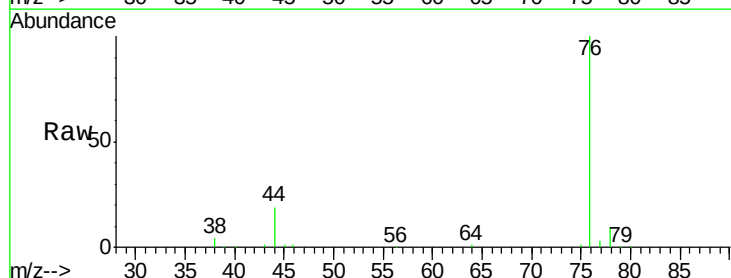
Acq: 26 Oct 2020 20:39

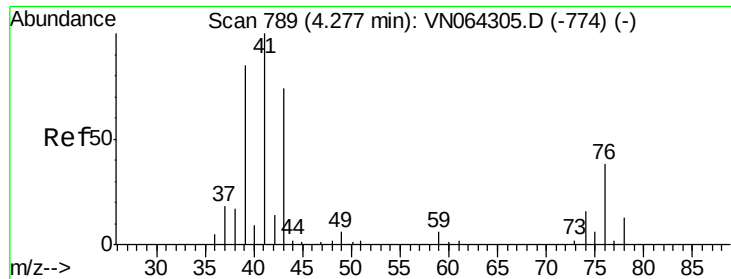
Tgt Ion: 76 Resp: 138081

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4





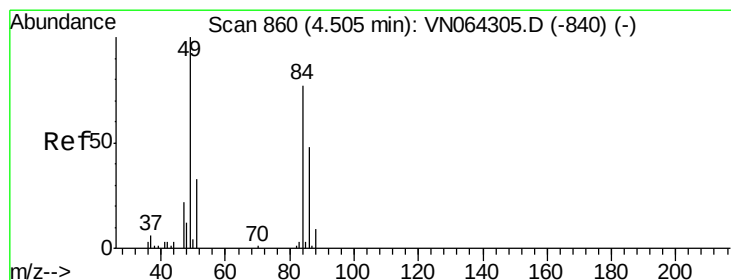
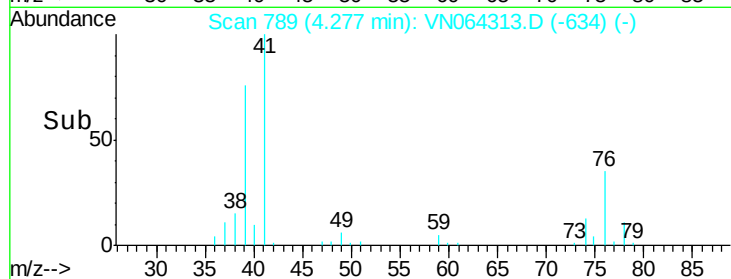
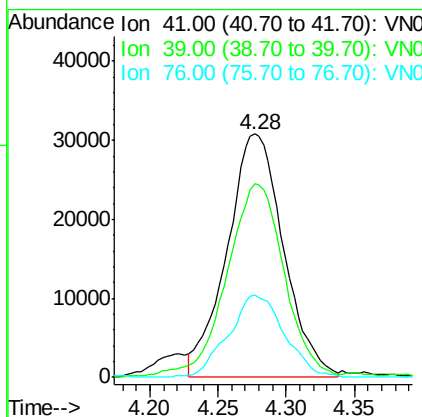
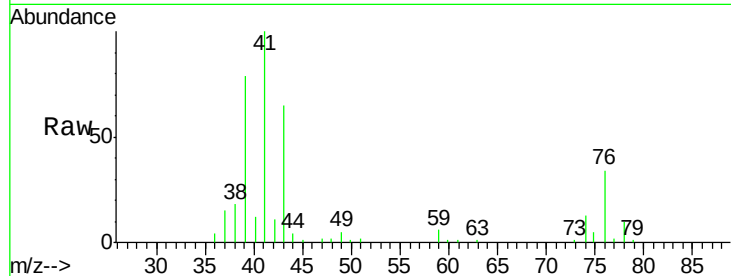
#17
Allvl chloride
Concen: 18.094 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion:	41	Resp:	88725
Ion	Ratio	Lower	Upper
41	100		
39	79.5	40.3	120.9
76	33.7	17.6	52.9

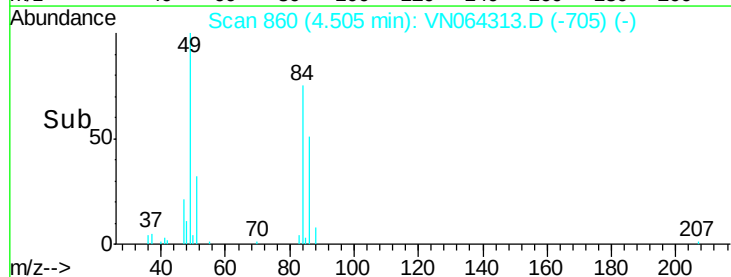
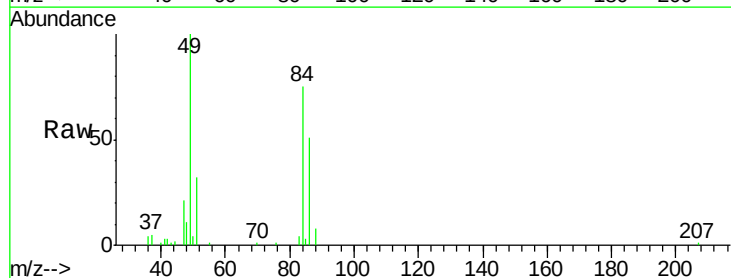
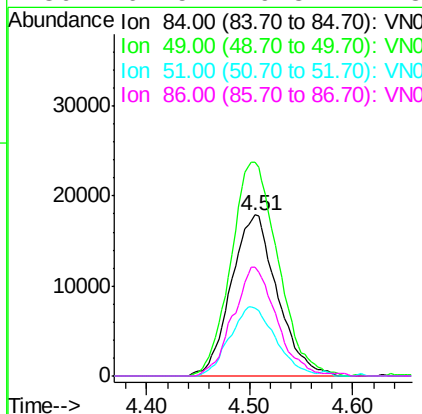
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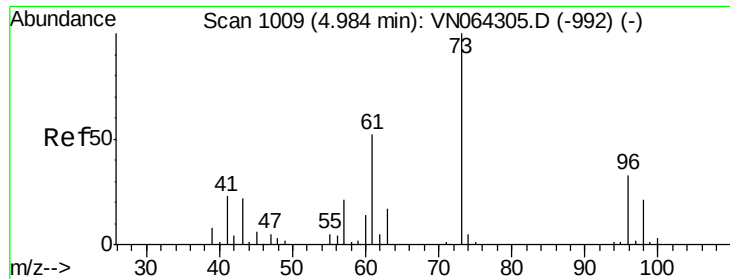
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#18
Methylene Chloride
Concen: 18.924 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion:	84	Resp:	55652
Ion	Ratio	Lower	Upper
84	100		
49	132.5	103.1	154.7
51	42.0	33.8	50.8
86	67.5	49.8	74.8





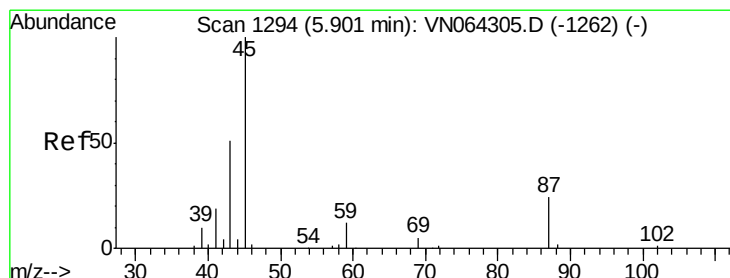
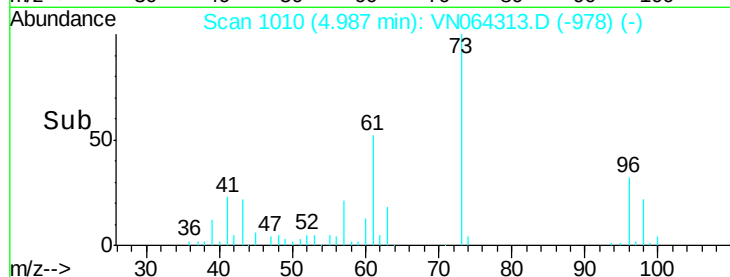
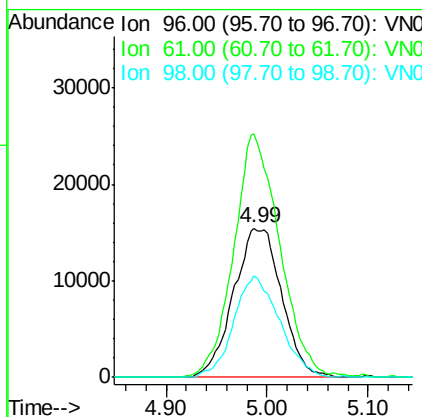
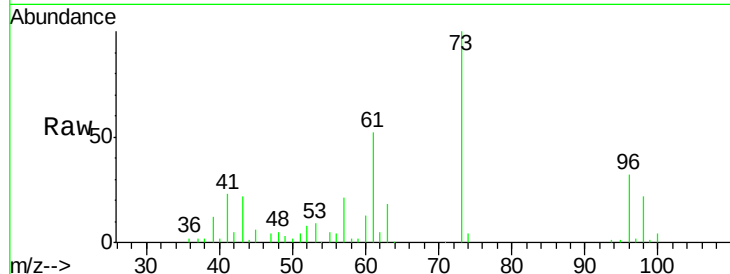
#19
trans-1,2-Dichloroethene
Concen: 18.182 ug/l m
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	163.2	126.9	190.3
98	68.2	50.6	76.0

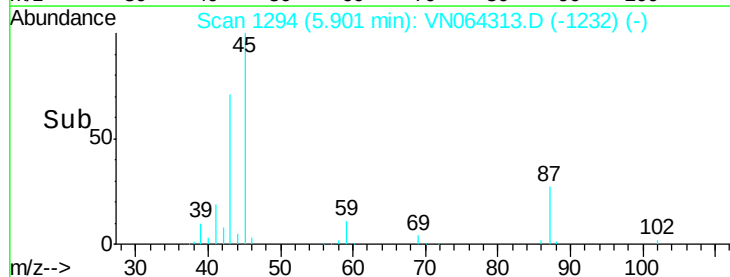
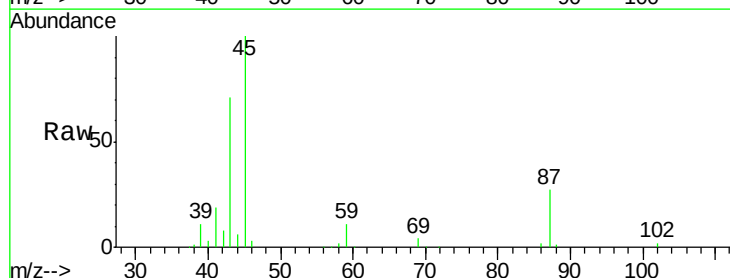
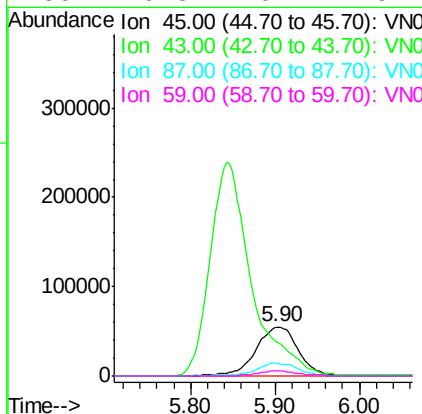
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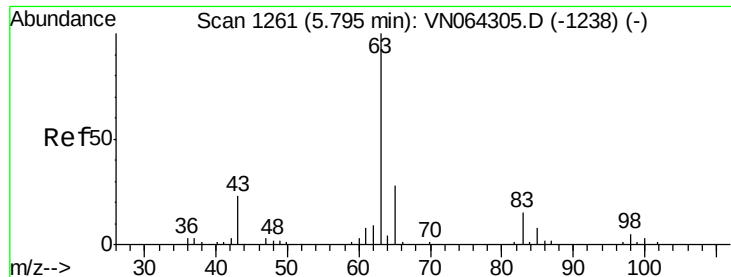
MMDadoda
10/27/2020 2:21:31 PM



#20
Diisopropyl ether
Concen: 19.183 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
45	100		
43	67.4	56.6	85.0
87	26.2	20.3	30.5
59	10.8	10.1	15.1





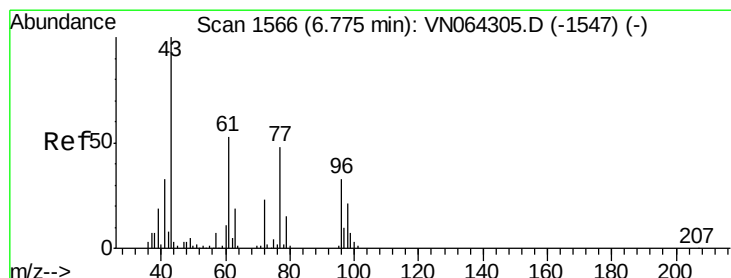
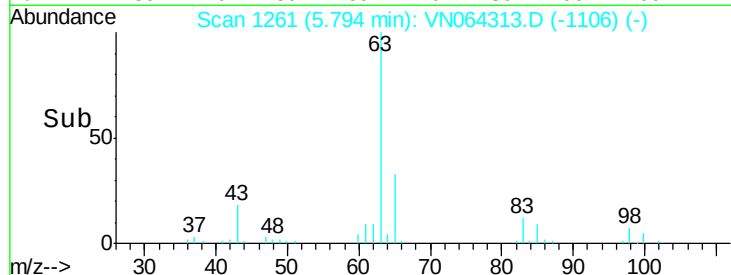
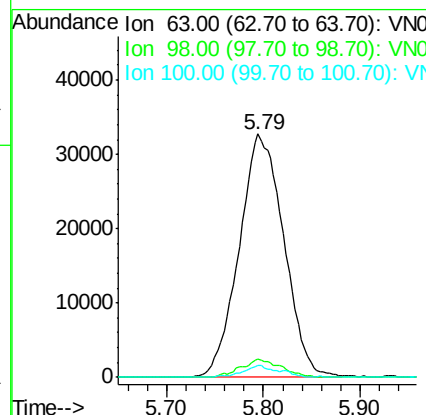
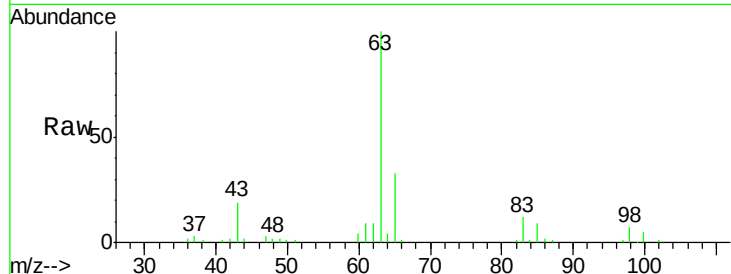
#21
 1,1-Dichloroethane
 Concen: 18.870 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	Ratio	Resp Lower	Upper
63	100		
98	7.4	2.6	8.0
100	4.9	1.6	4.8#

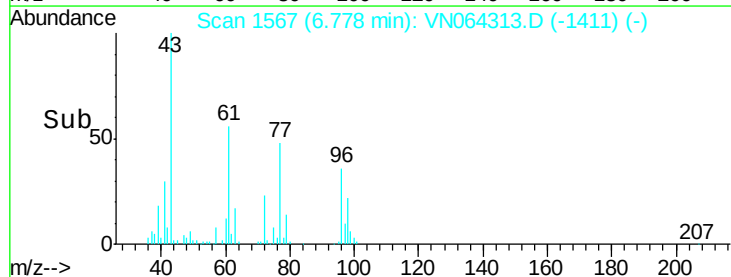
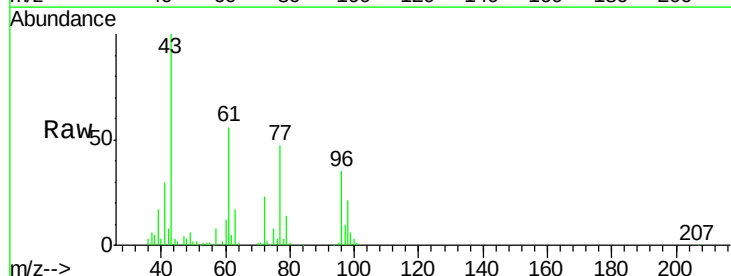
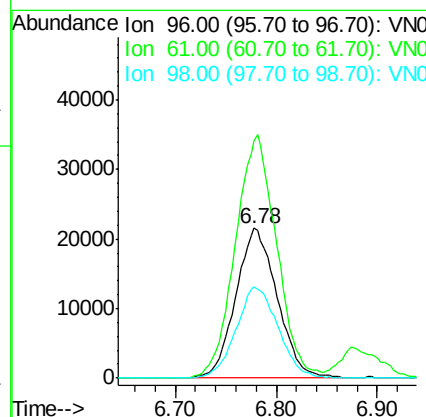
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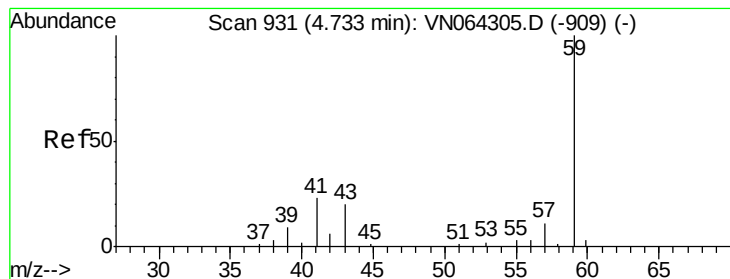
MMDadoda
 10/27/2020 2:21:31 PM



#22
 cis-1,2-Dichloroethene
 Concen: 18.956 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	161.4	133.0	199.6
98	61.7	51.6	77.4





#23

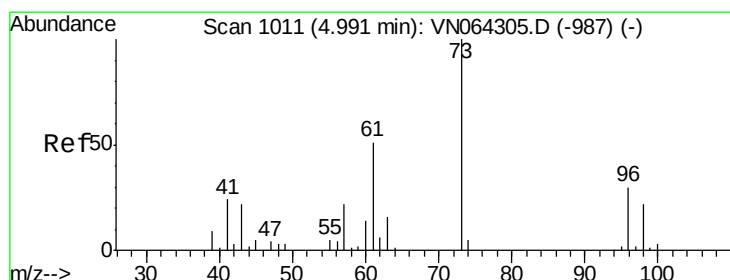
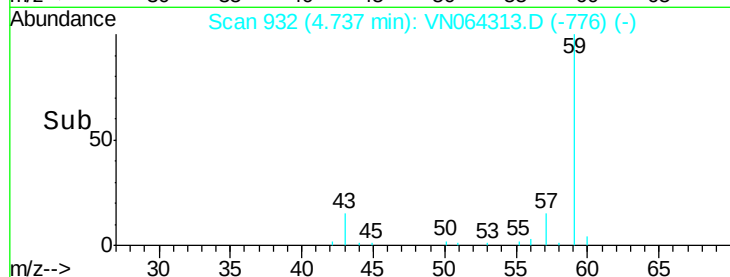
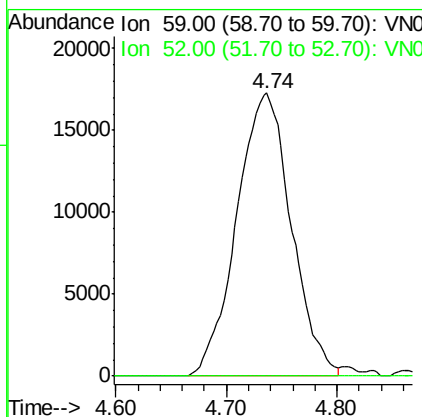
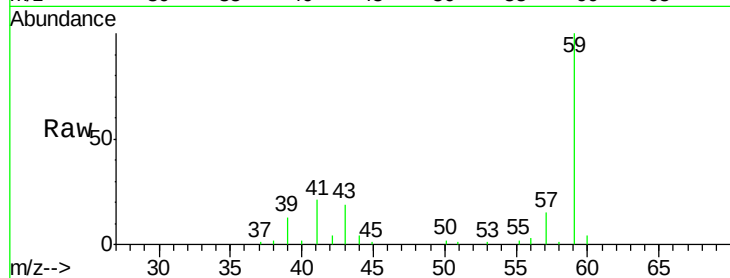
tert-Butyl Alcohol
Concen: 96.792 ug/l
RT: 4.74 min Scan# 932
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	59255		
52	0.0	0.0	0.0	0.0

Manual Integrations
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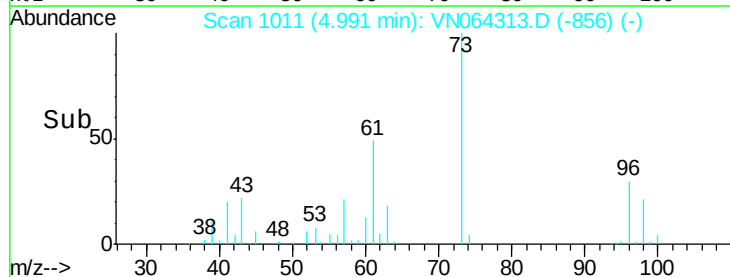
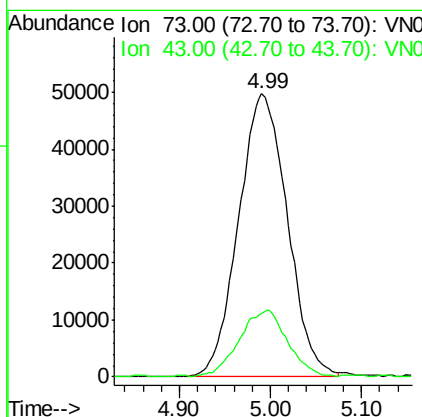
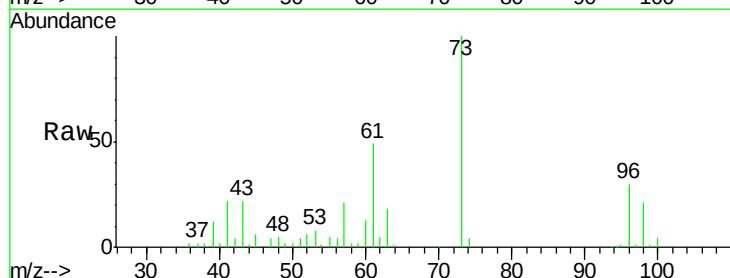
MMDadoda
10/27/2020 2:21:31 PM

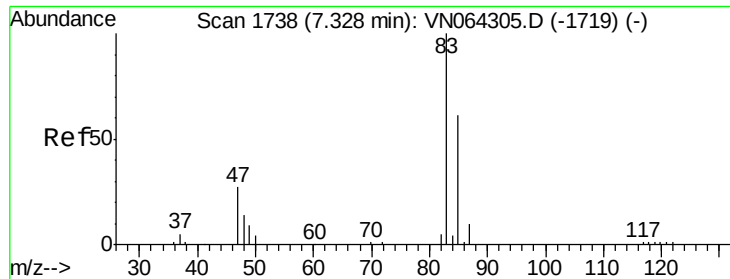


#24

Methyl tert-Butyl Ether
Concen: 18.973 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
73	100	185093		
43	23.3	19.4	29.2	





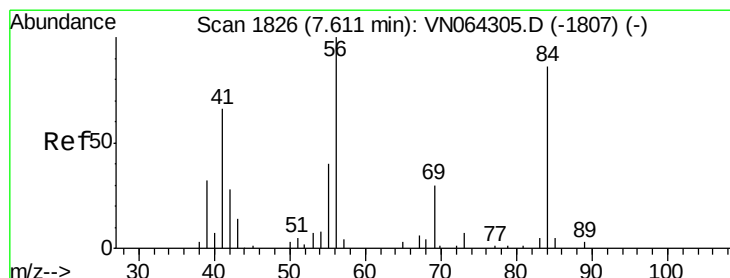
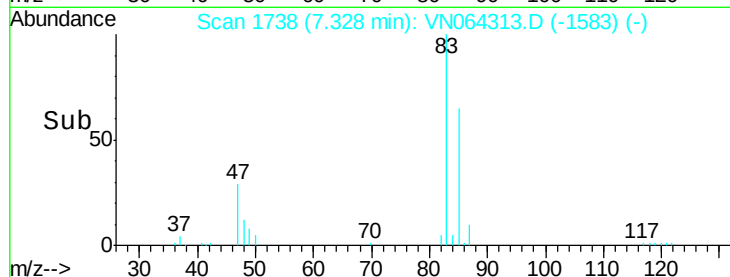
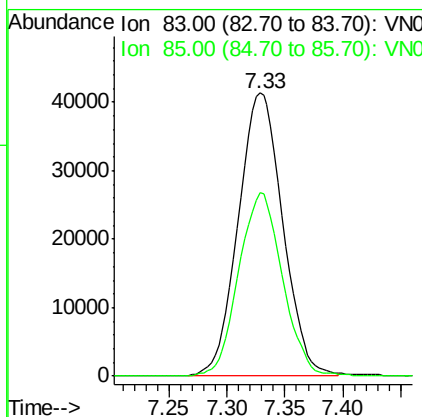
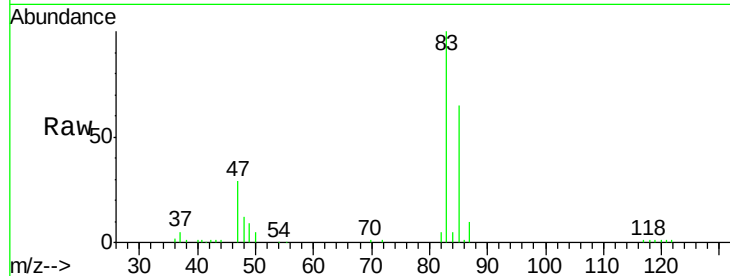
#25
Chloroform
Concen: 19.263 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion: 83 Resp: 110482
Ion Ratio Lower Upper
83 100
85 64.8 48.6 73.0

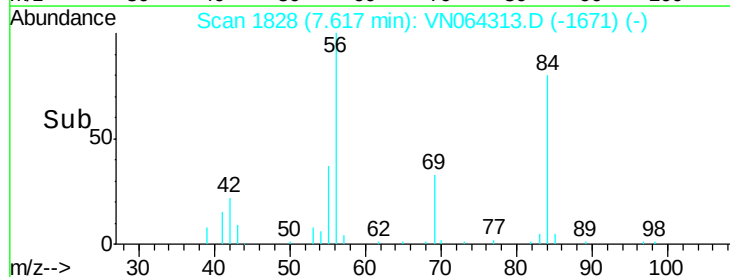
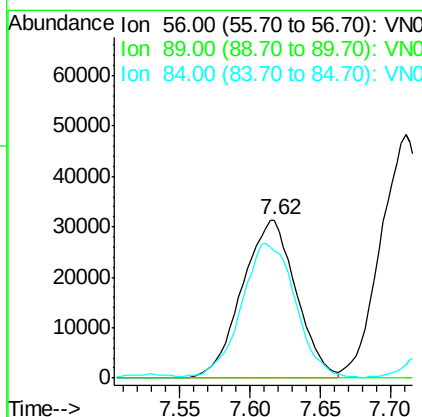
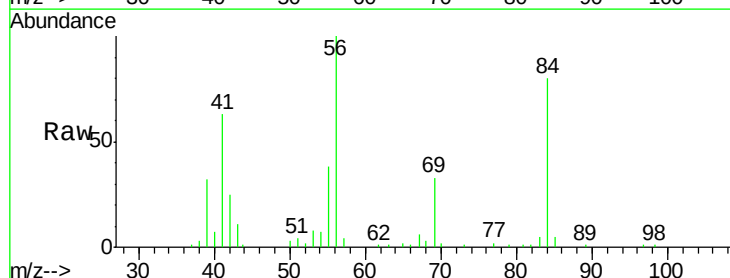
Manual Integrations
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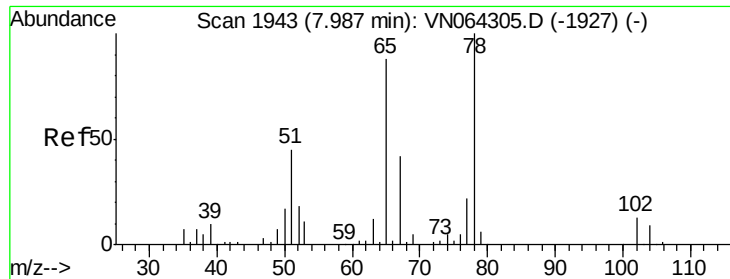
MMDadoda
10/27/2020 2:21:31 PM



#26
Cyclohexane
Concen: 18.411 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 56 Resp: 83848
Ion Ratio Lower Upper
56 100
89 0.1 1.0 1.6#
84 85.7 67.5 101.3





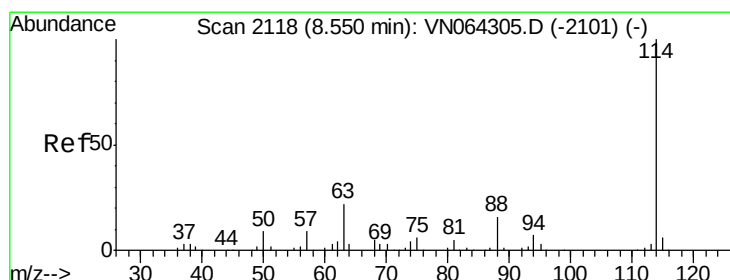
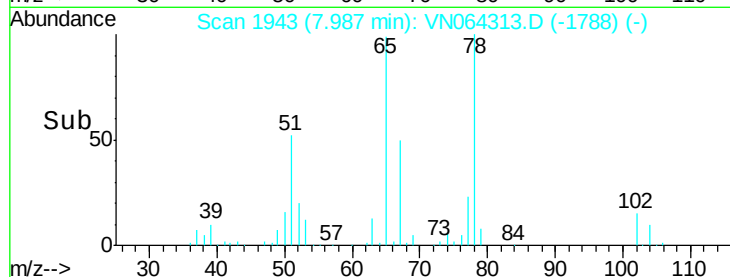
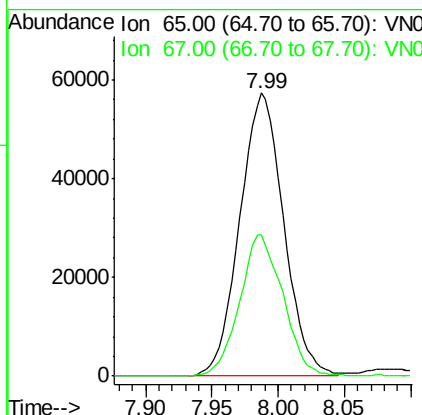
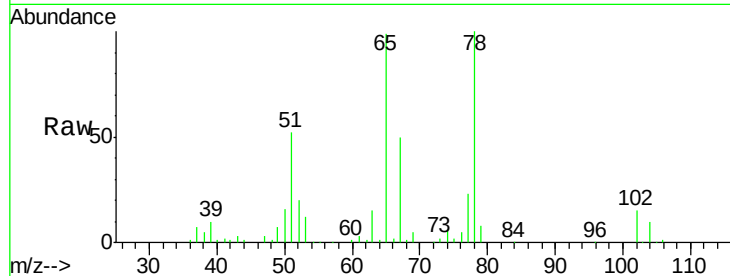
#27
 1,2-Dichloroethane-d4
 Concen: 31.939 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion: 65 Resp: 132074
 Ion Ratio Lower Upper
 65 100
 67 49.0 38.5 57.7

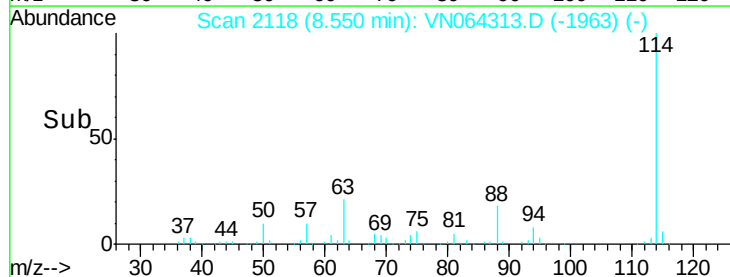
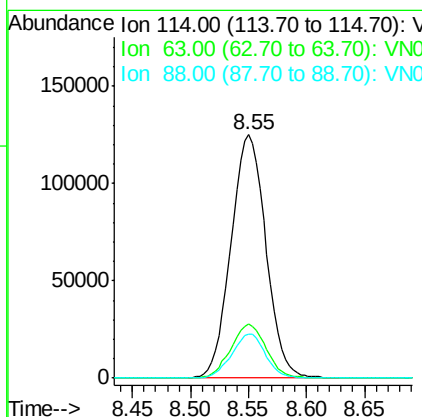
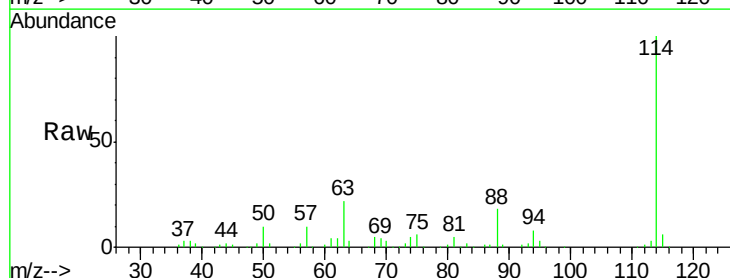
Manual Integrations
 APPROVED

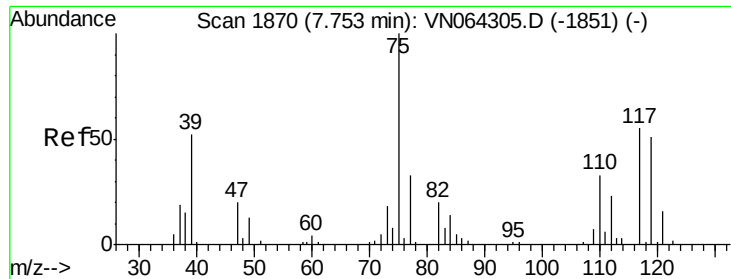
MMDadoda
 10/27/2020 2:21:31 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion: 114 Resp: 261172
 Ion Ratio Lower Upper
 114 100
 63 22.5 18.3 27.5
 88 17.6 13.2 19.8





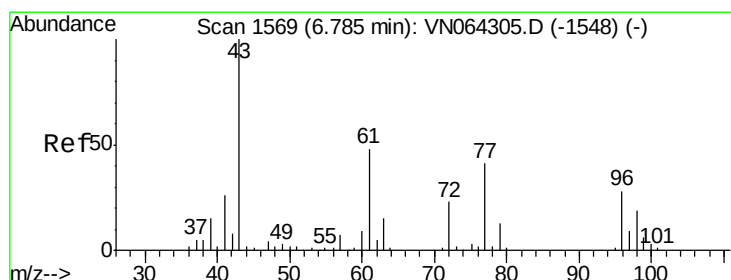
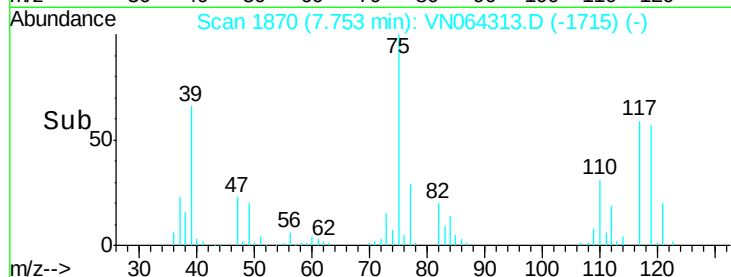
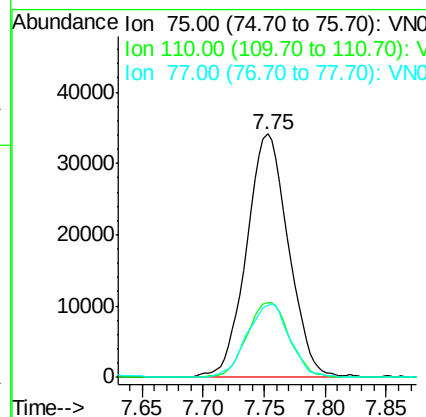
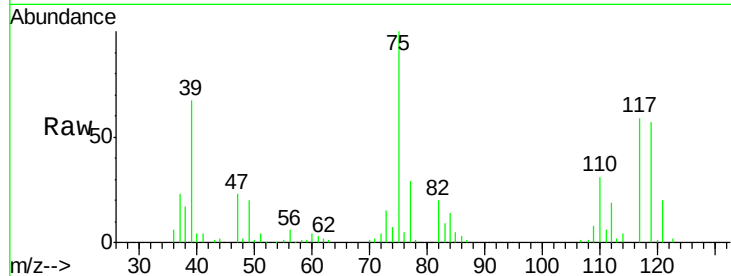
#29
 1,1-Dichloropropene
 Concen: 18.049 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	31.1	0.0	64.4
77	30.7	0.0	63.6

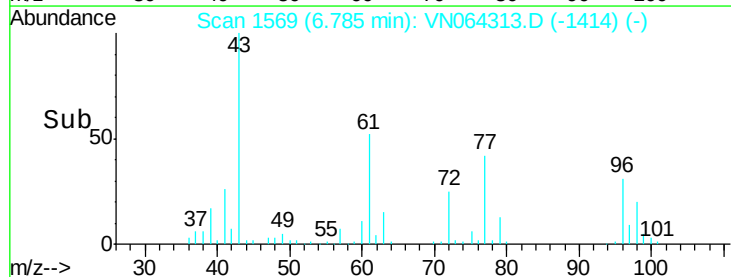
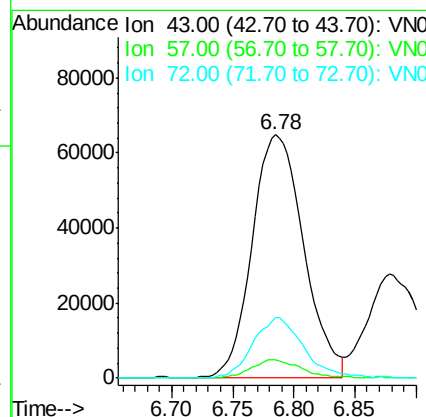
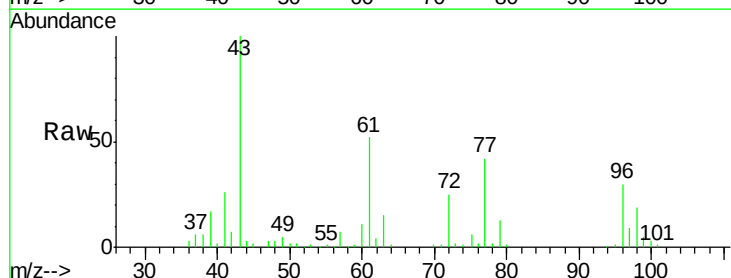
Manual Integrations
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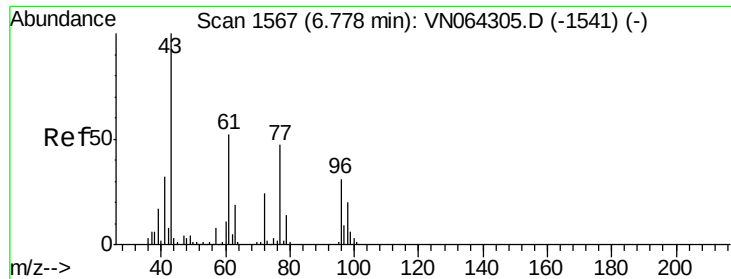
MMDadoda
 10/27/2020 2:21:31 PM



#30
 2-Butanone
 Concen: 89.272 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.2	4.1	6.1#
72	24.5	19.0	28.6





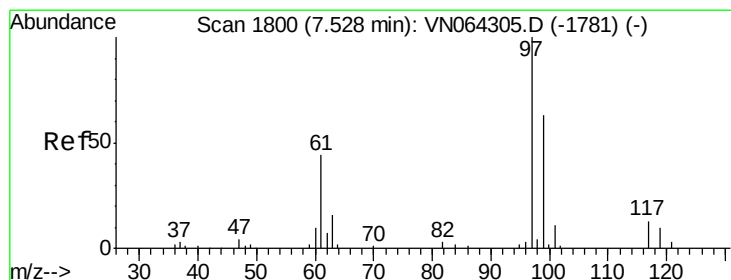
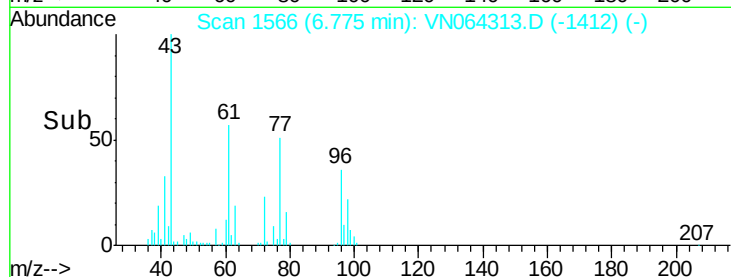
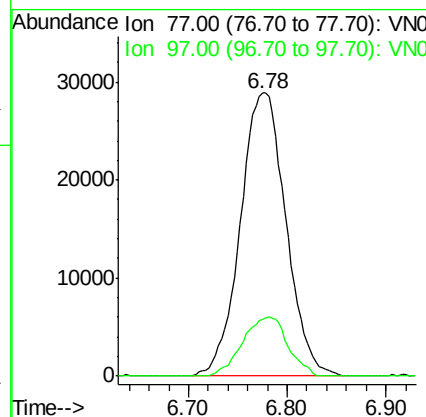
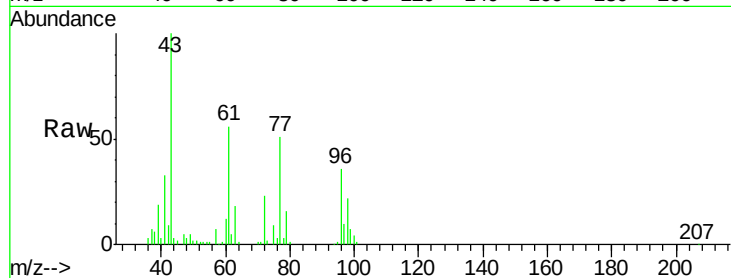
#31
 2,2-Dichloropropane
 Concen: 17.103 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion: 77 Resp: 92374
 Ion Ratio Lower Upper
 77 100
 97 20.6 5.8 8.8#

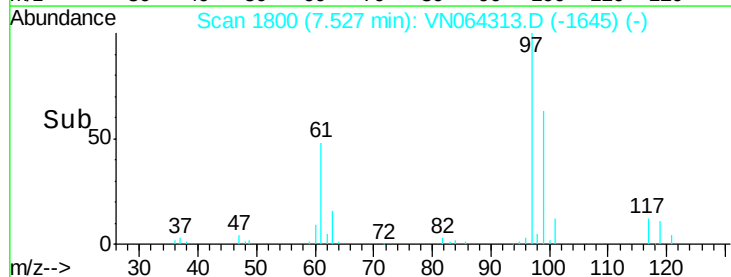
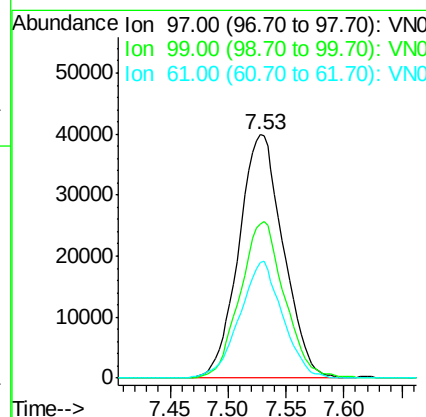
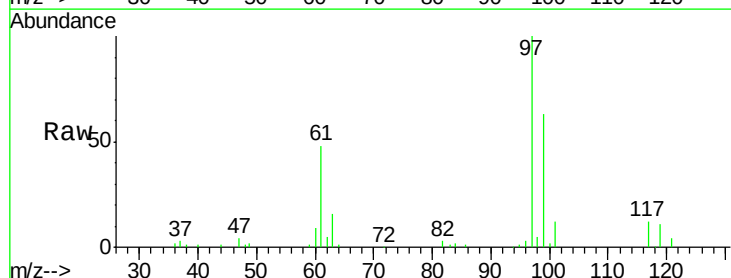
Manual Integrations
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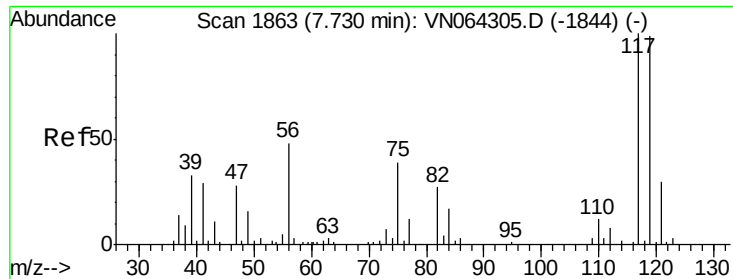
MMDadoda
 10/27/2020 2:21:31 PM



#32
 1,1,1-Trichloroethane
 Concen: 18.903 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion: 97 Resp: 106391
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.6 77.4
 61 46.2 36.4 54.6





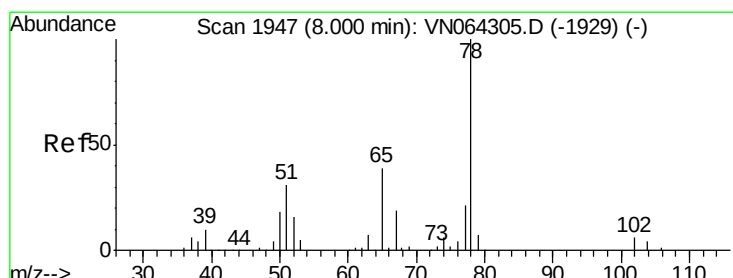
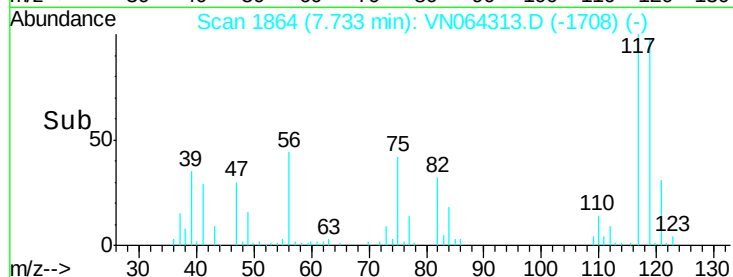
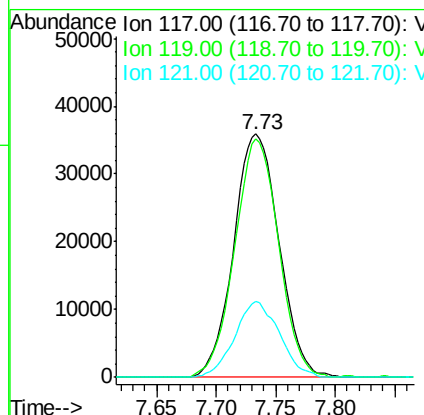
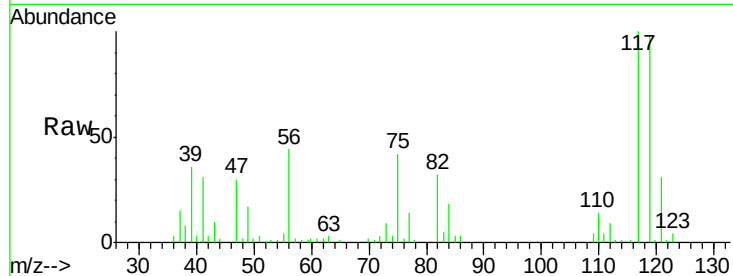
#33
Carbon Tetrachloride
Concen: 18.413 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	98.2	79.3	118.9
121	31.2	24.6	37.0

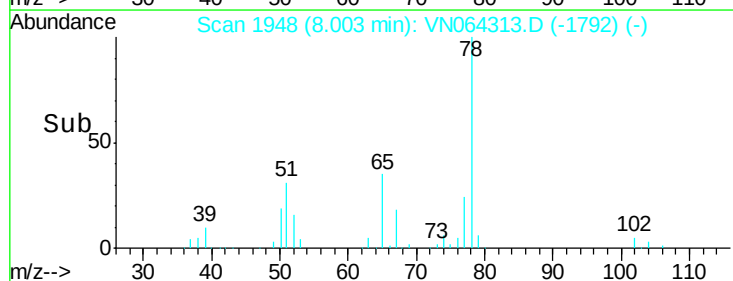
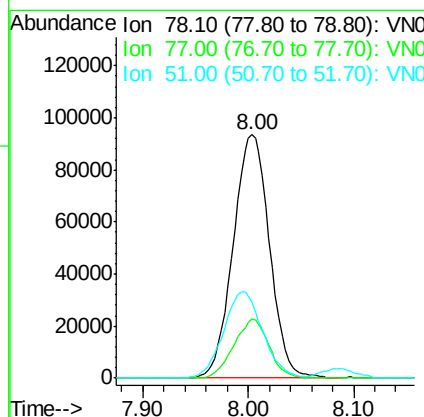
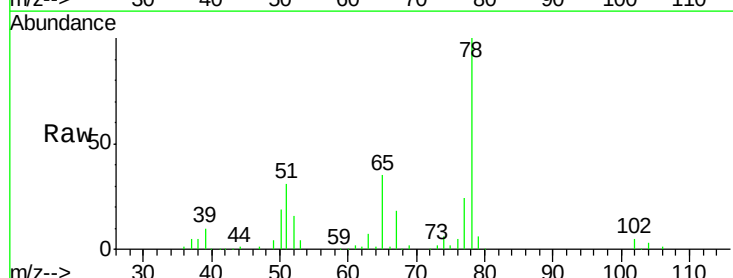
Manual Integrations
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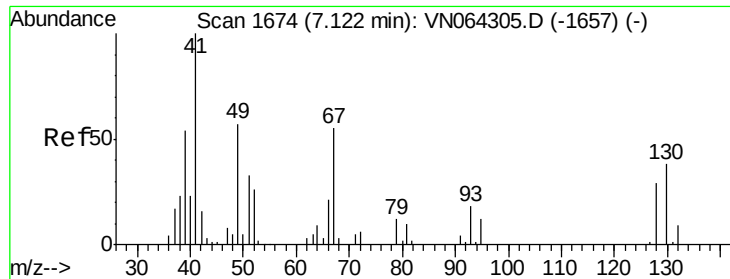
MMDadoda
10/27/2020 2:21:31 PM



#34
Benzene
Concen: 18.540 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	16.5	24.7
51	30.5	24.5	36.7





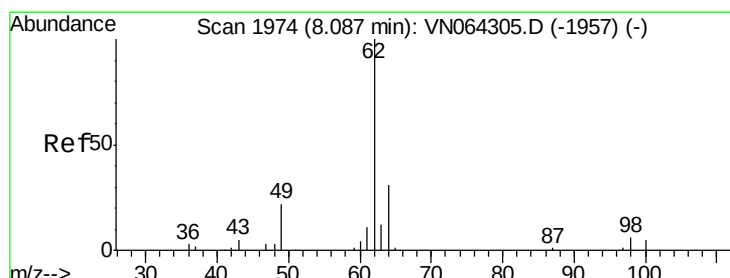
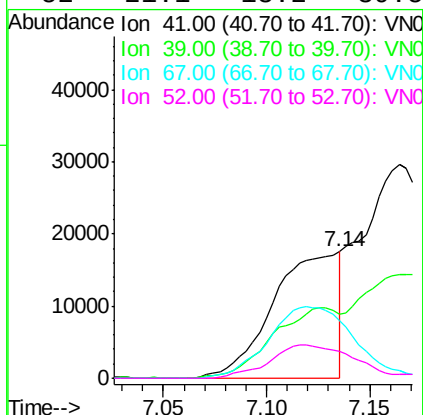
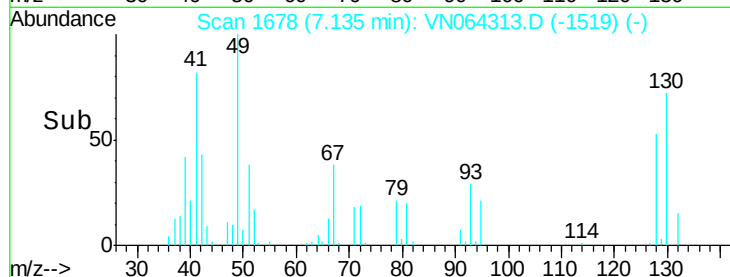
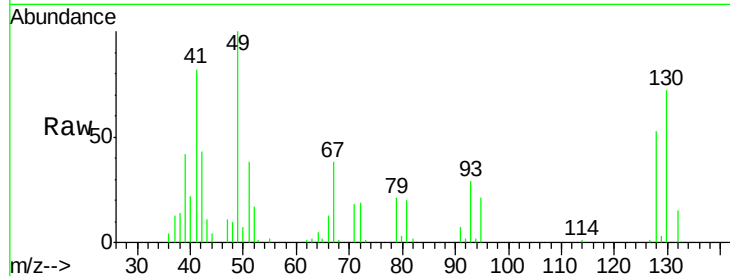
#35
Methacrylonitrile
Concen: 17.615 ug/l m
RT: 7.14 min Scan# 1678
Delta R.T. 0.01 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.1	27.1	81.2	
67	45.9	27.7	83.1	
52	21.1	13.2	39.5	

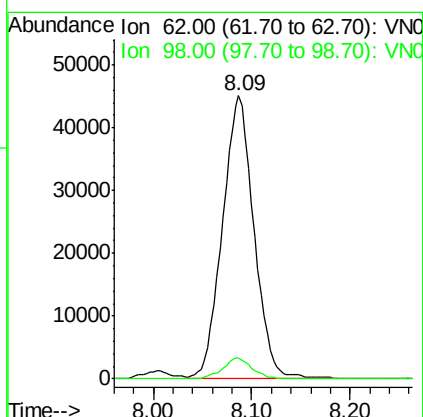
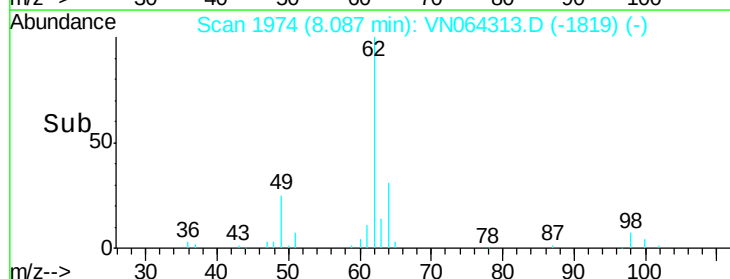
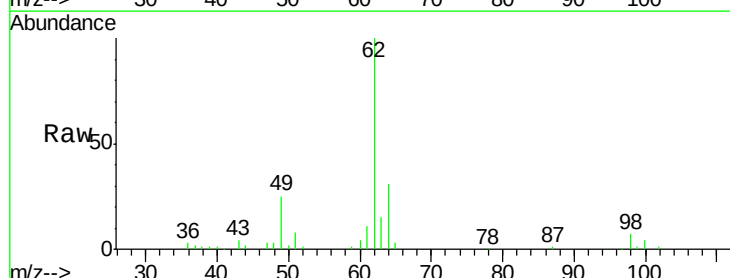
Manual Integrations
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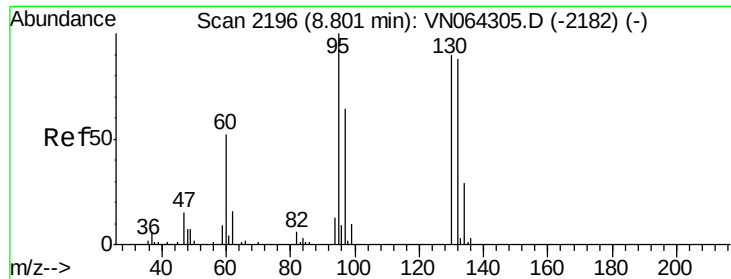
MMDadoda
10/27/2020 2:21:31 PM



#36
1,2-Dichloroethane
Concen: 18.857 ug/l m
RT: 8.09 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	0.0	3.4	5.0#	





#37

Trichloroethene

Concen: 18.193 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tot Ion:130 Resp: 59878

Ion Ratio Lower Upper

130 100

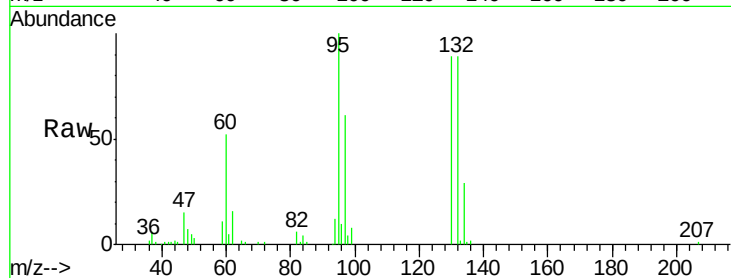
95 112.0 88.8 133.2

Manual Integrations

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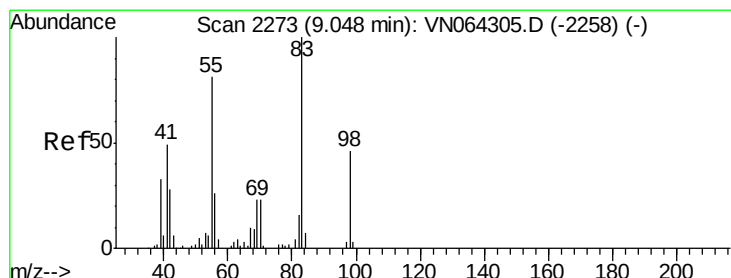
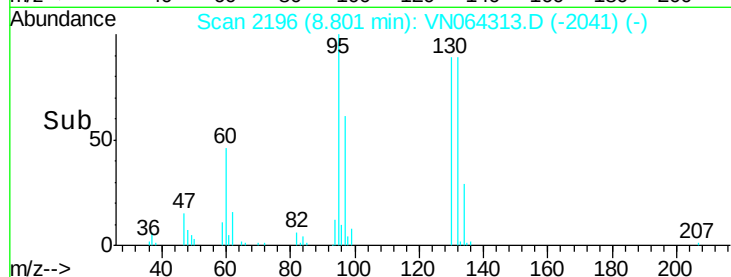
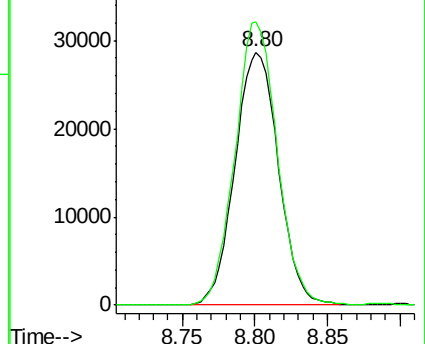
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN0



#38

Methylcyclohexane

Concen: 17.706 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

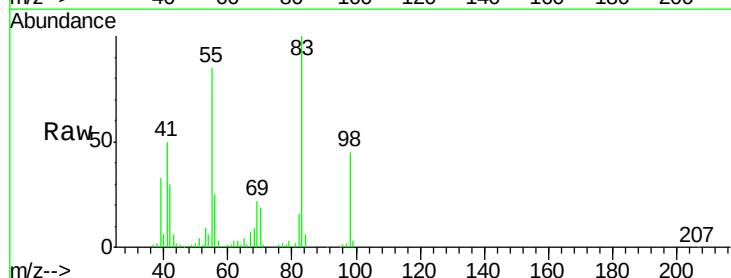
Tgt Ion: 83 Resp: 76927

Ion Ratio Lower Upper

83 100

55 82.9 40.3 120.8

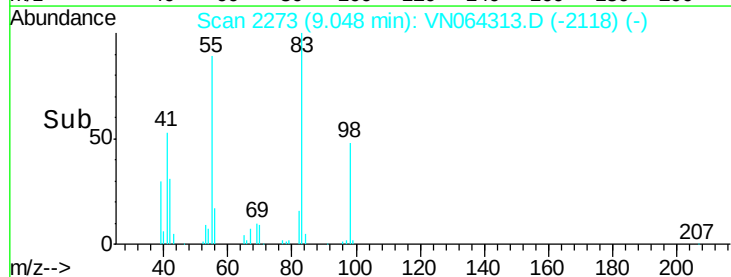
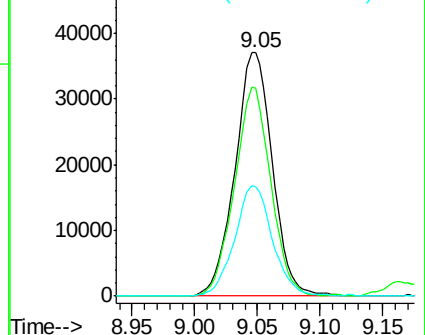
98 45.7 22.8 68.3

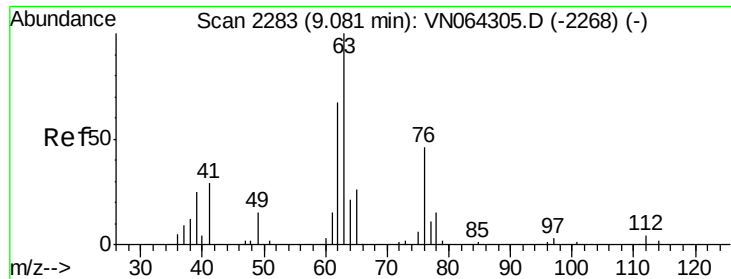


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





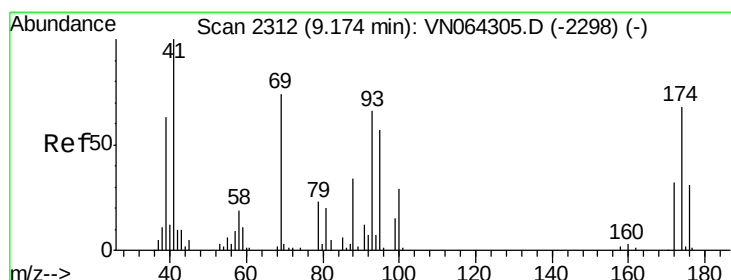
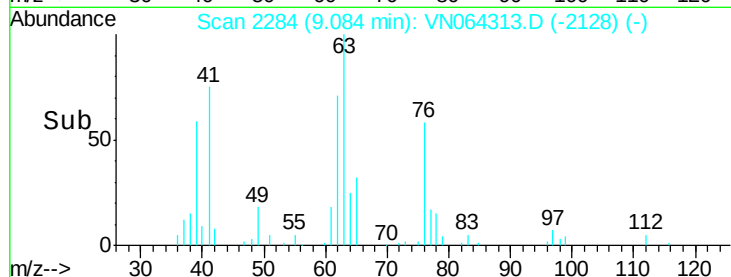
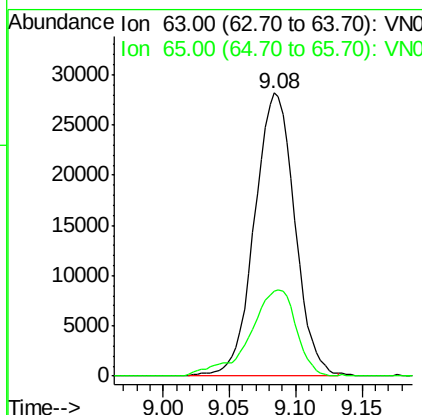
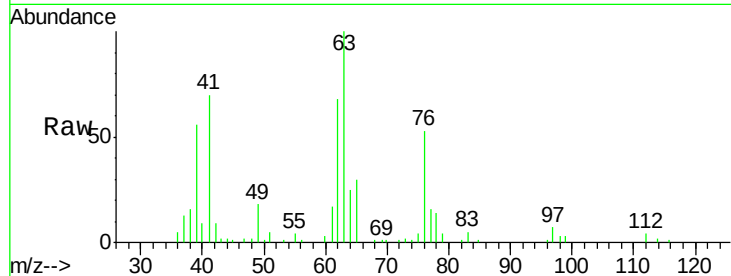
#39
 1,2-Dichloropropane
 Concen: 18.360 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion: 63 Resp: 59809
 Ion Ratio Lower Upper
 63 100
 65 30.0 22.6 33.8

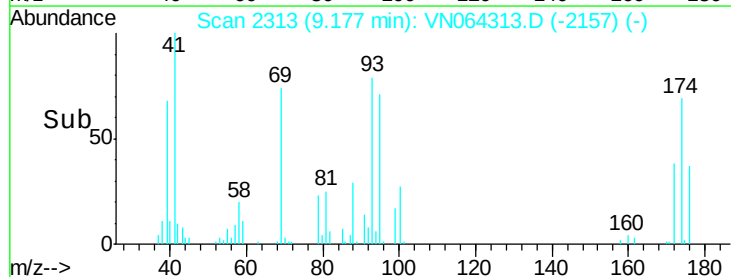
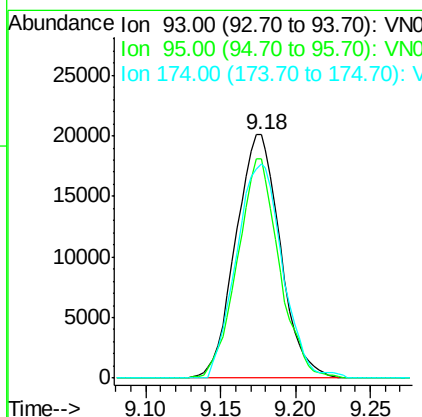
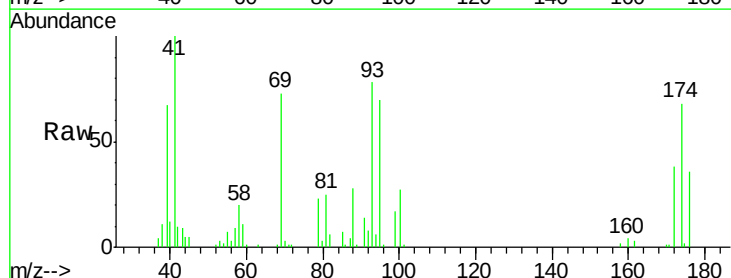
Manual Integrations
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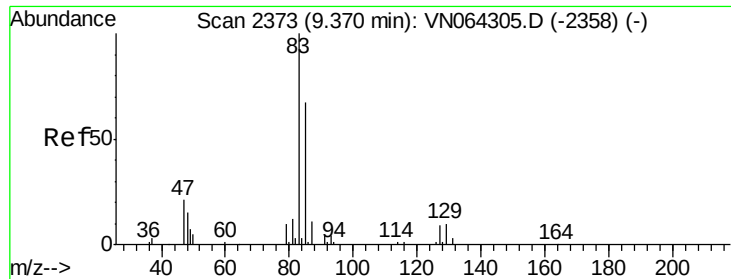
MMDadoda
 10/27/2020 2:21:31 PM



#40
 Dibromomethane
 Concen: 18.374 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion: 93 Resp: 41545
 Ion Ratio Lower Upper
 93 100
 95 84.9 0.0 174.4
 174 90.4 0.0 188.0





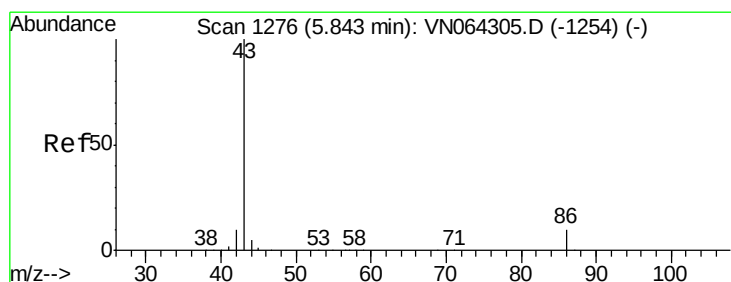
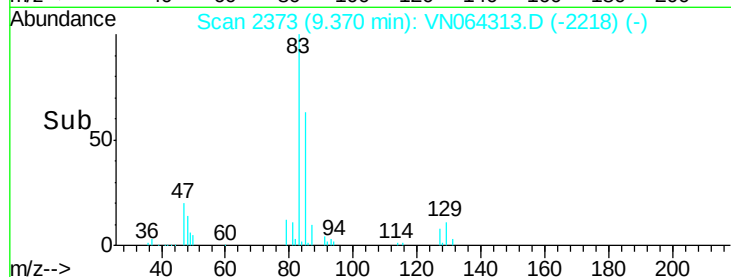
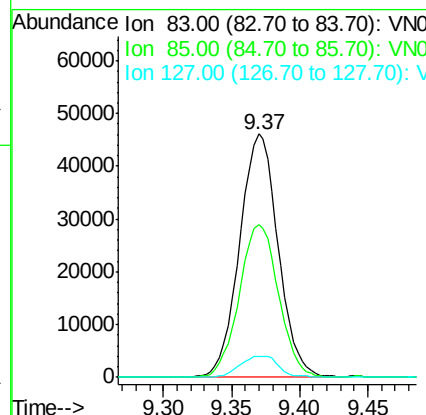
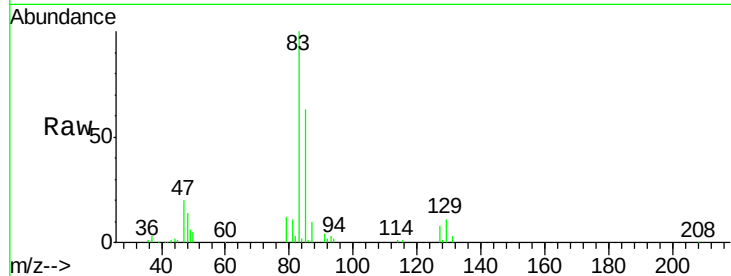
#41
Bromodichloromethane
Concen: 18.523 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	83	Resp	90453
Ion Ratio	100	Lower	Upper
83	100		
85	62.8	53.4	80.0
127	8.5	7.0	10.4

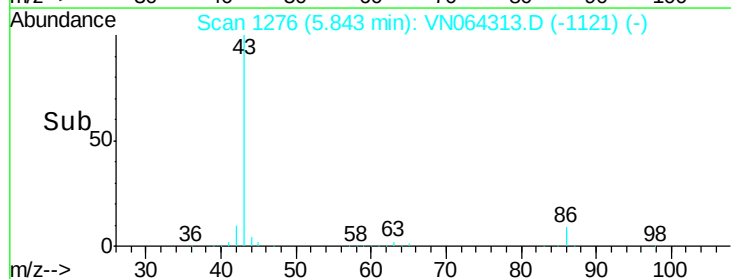
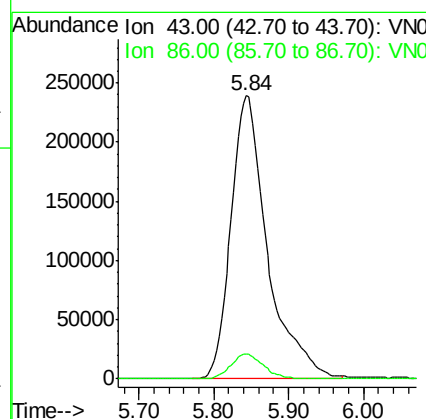
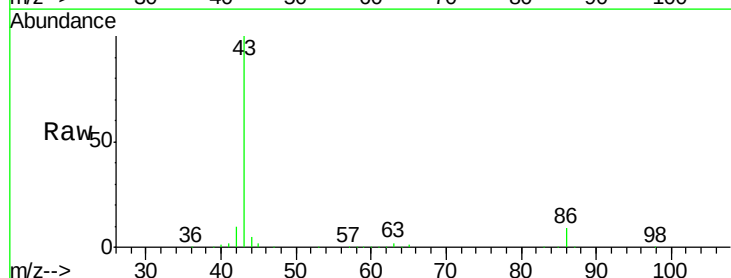
Manual Integrations
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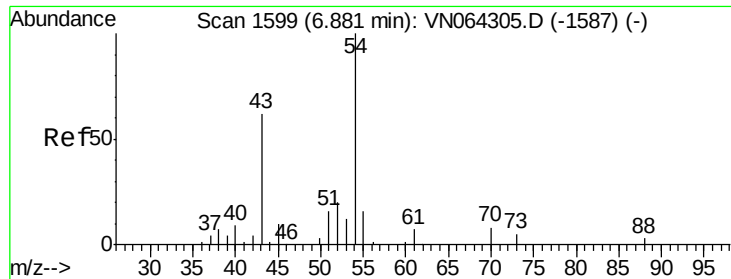
MMDadoda
10/27/2020 2:21:31 PM



#42
Vinyl Acetate
Concen: 89.491 ug/l
RT: 5.84 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	43	Resp	810173
Ion Ratio	100	Lower	Upper
43	100		
86	7.9	6.6	9.8





#43

Ethyl Acetate

Concen: 19.162 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tot Ion: 43 Resp: 82750

Ion Ratio Lower Upper

43 100

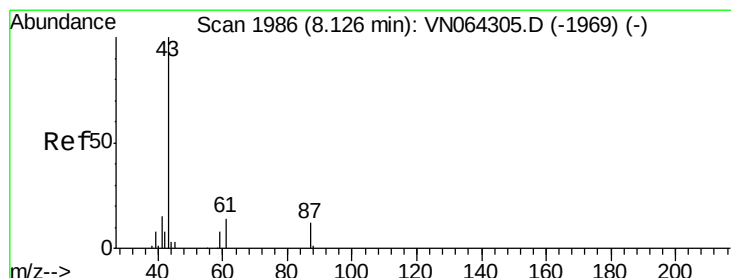
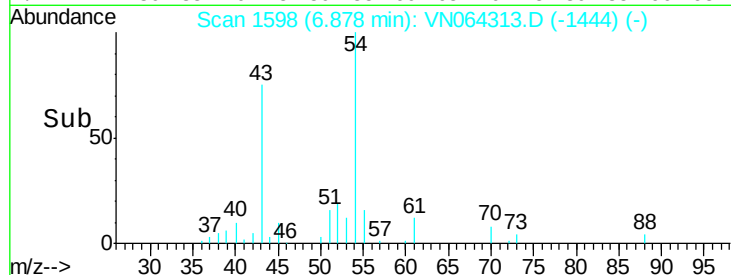
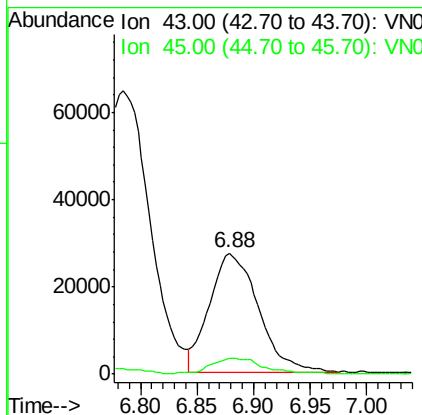
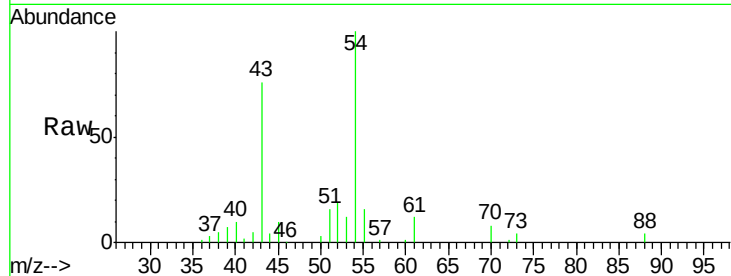
45 8.7 4.0 6.0#

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#44

Isopropyl Acetate

Concen: 18.098 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064313.D

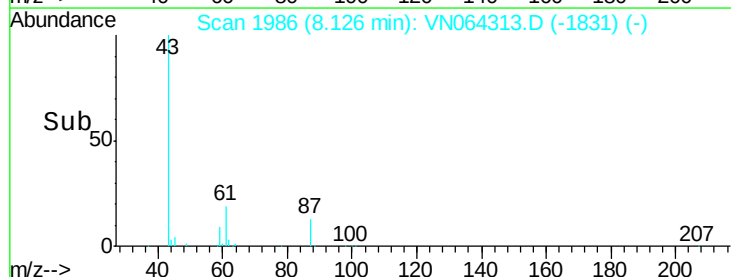
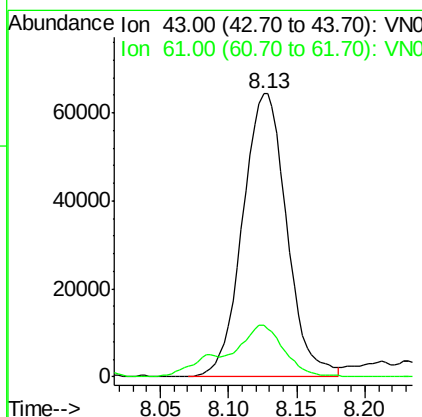
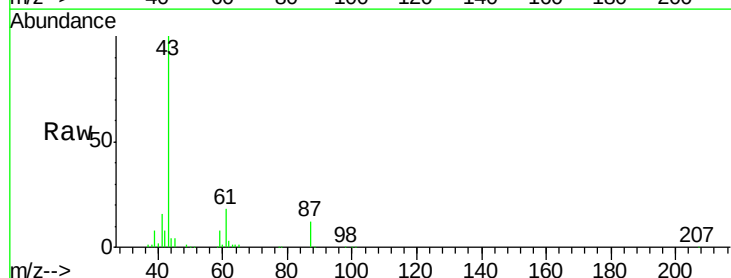
Acq: 26 Oct 2020 20:39

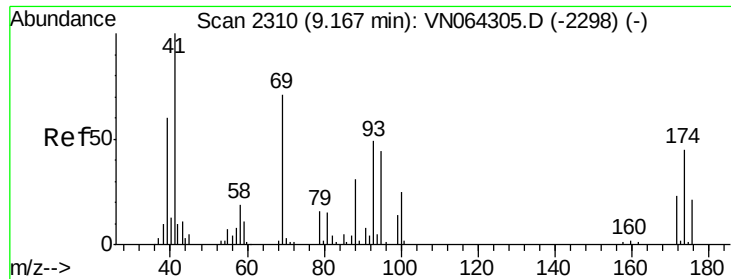
Tgt Ion: 43 Resp: 143604

Ion Ratio Lower Upper

43 100

61 16.9 14.3 21.5





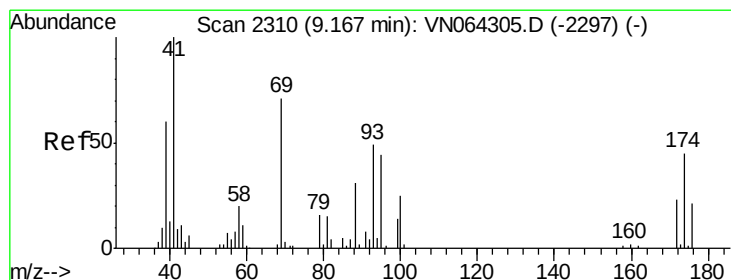
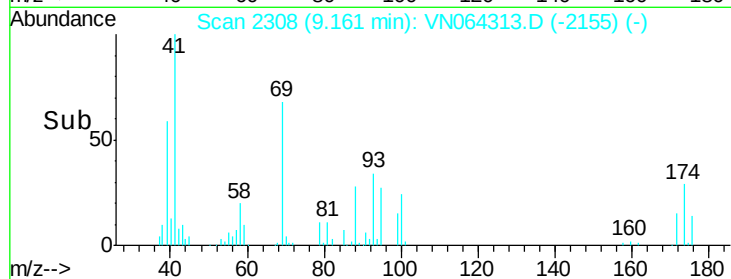
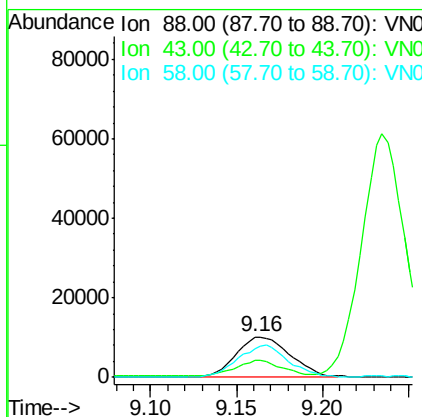
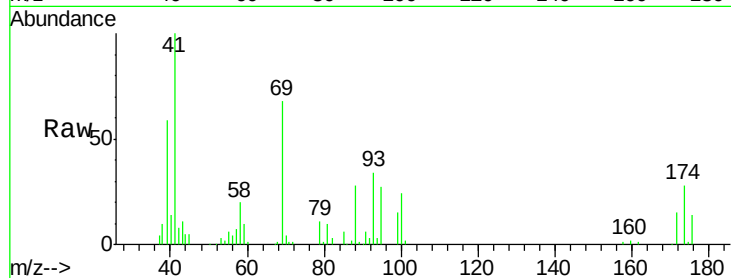
#45
 1,4-Dioxane
 Concen: 365.309 ug/l
 RT: 9.16 min Scan# 2308
 Delta R.T. -0.01 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	31.2	46.8
58	74.1	55.4	83.2

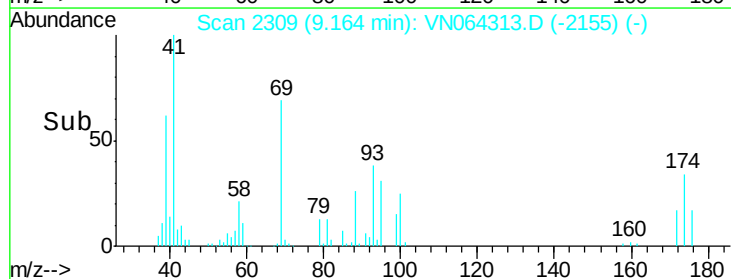
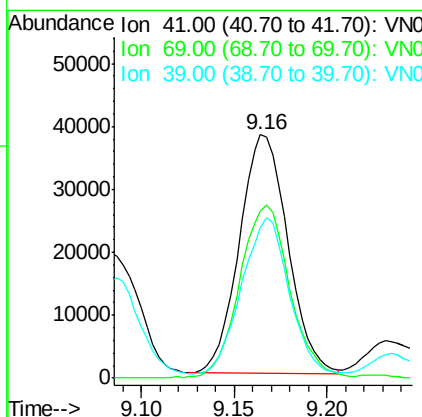
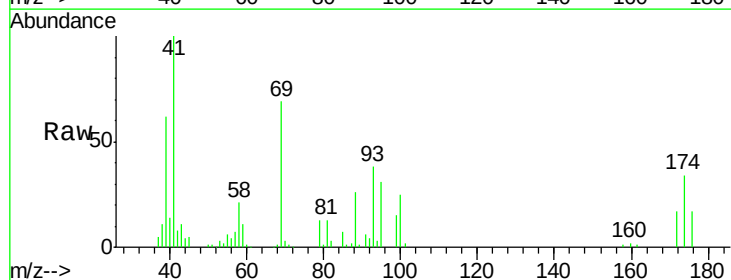
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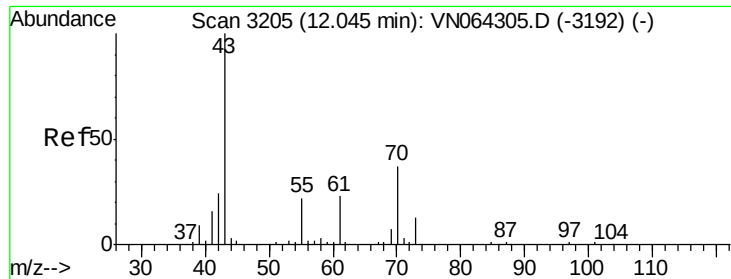
MMDadoda
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#46
 Methyl methacrylate
 Concen: 17.869 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
41	100		
69	69.7	35.3	105.9
39	60.9	30.2	90.6





#47

n-amvl Acetate

Concen: 17.470 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tot Ion: 43 Resp: 116708

Ion Ratio Lower Upper

43 100

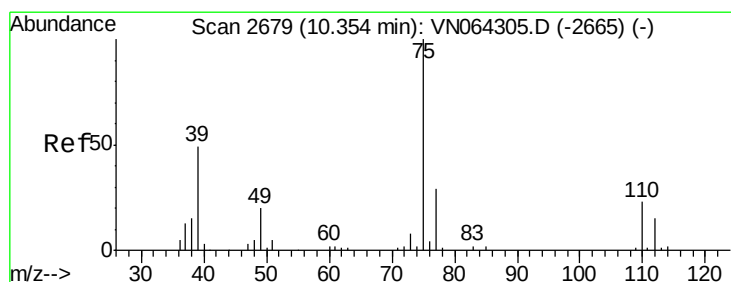
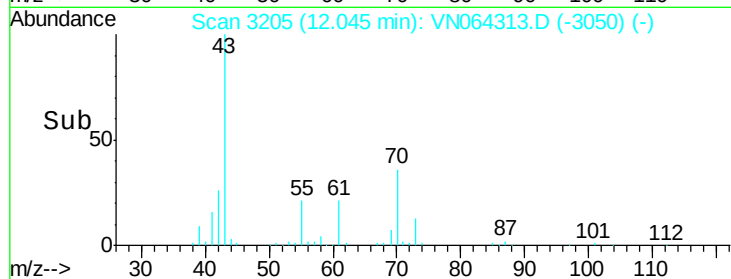
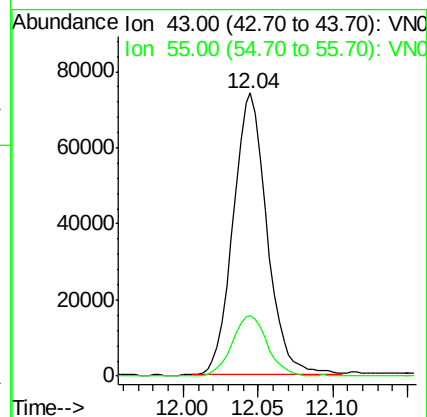
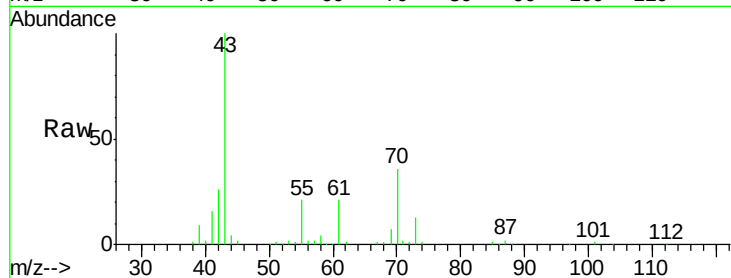
55 22.3 17.3 25.9

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#48

t-1,3-Dichloropropene

Concen: 17.560 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN064313.D

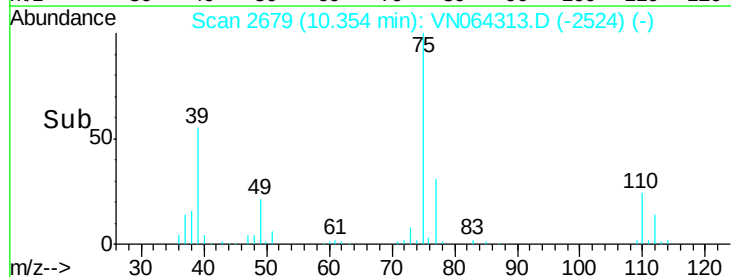
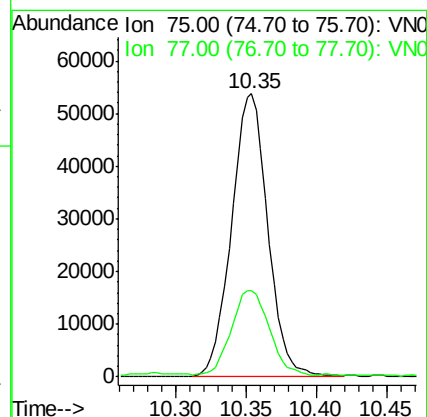
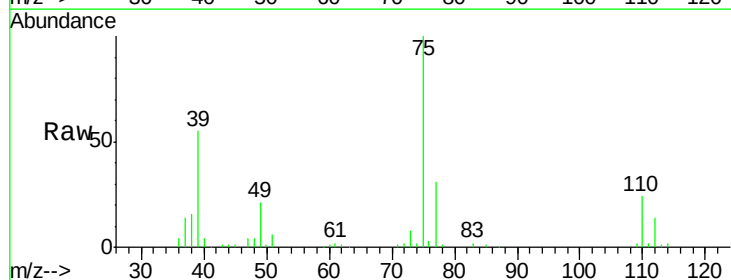
Acq: 26 Oct 2020 20:39

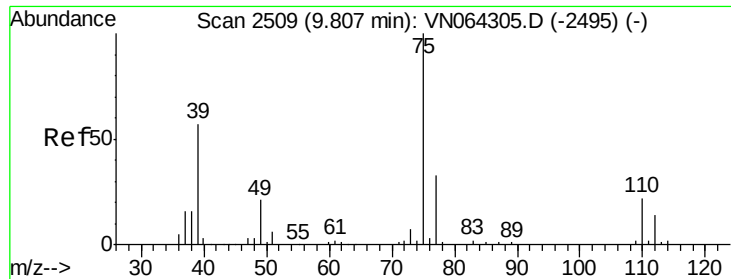
Tgt Ion: 75 Resp: 96723

Ion Ratio Lower Upper

75 100

77 30.0 23.7 35.5





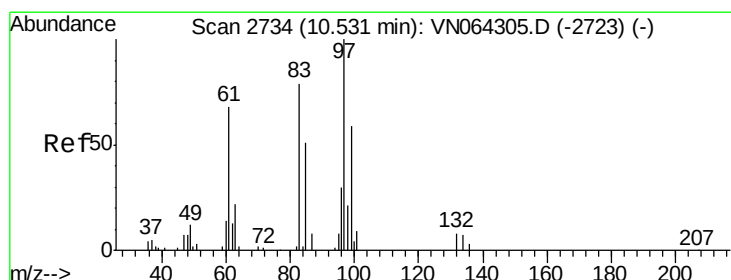
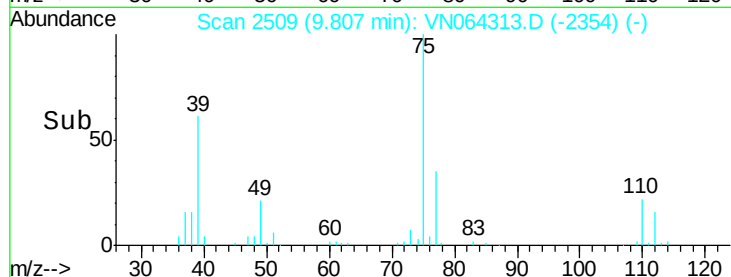
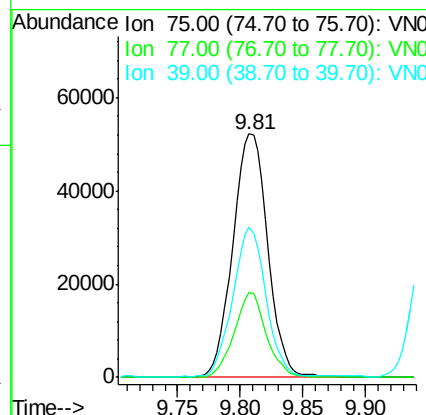
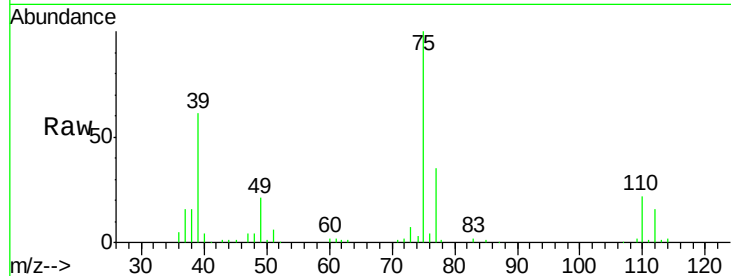
#49
 cis-1,3-Dichloropropene
 Concen: 17.994 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	Ratio	Resp	Lower	Upper
75	100			
77	34.9	26.7	40.1	
39	61.1	45.9	68.9	

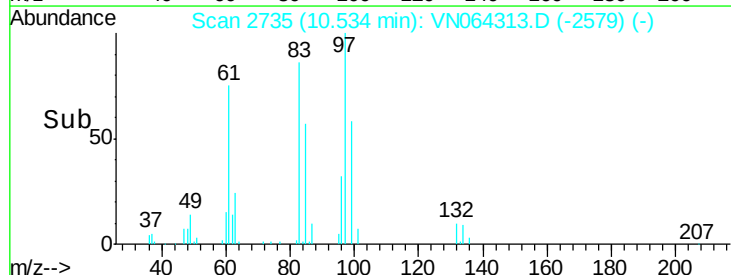
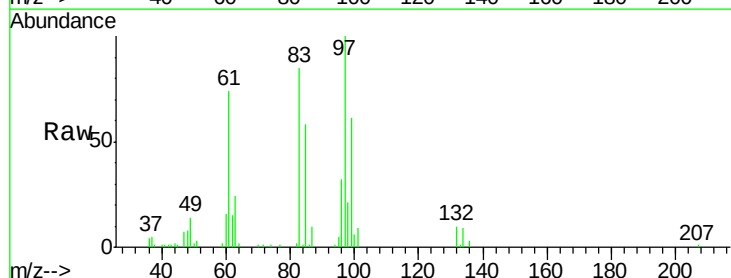
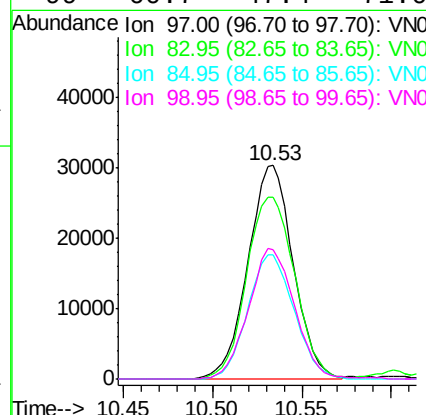
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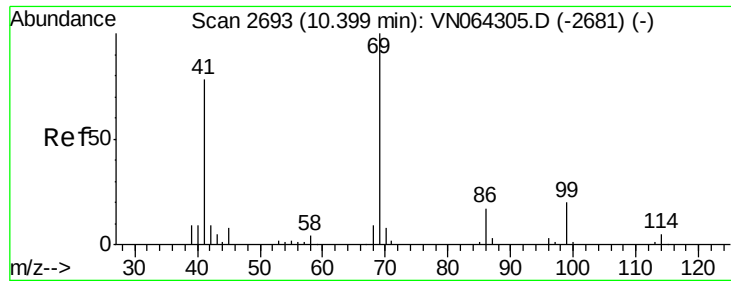
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#50
 1,1,2-Trichloroethane
 Concen: 17.745 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
83	85.4	63.2	94.8	
85	57.9	41.0	61.6	
99	60.7	47.4	71.0	





#51

Ethyl methacrylate

Concen: 17.487 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

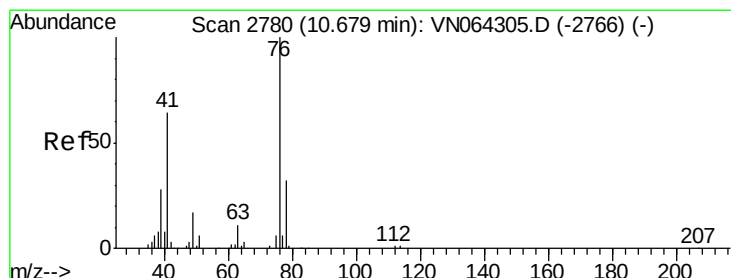
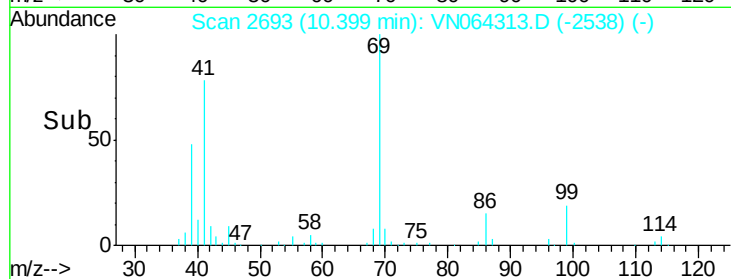
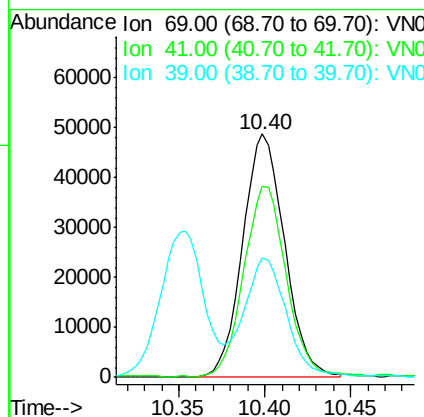
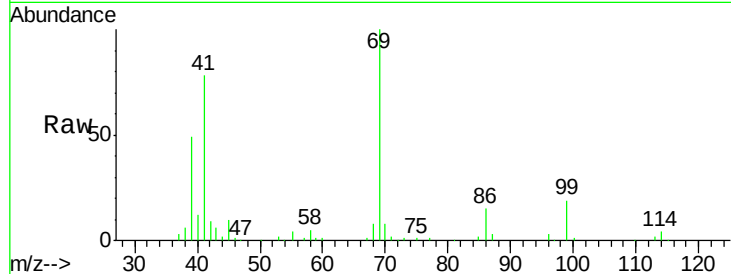
ClientSampleId :

VN1026WBS01

Tot Ion:	69	Resp:	82886
Ion	Ratio	Lower	Upper
69	100		
41	78.0	38.8	116.4
39	47.5	24.6	74.0

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.089 ug/l

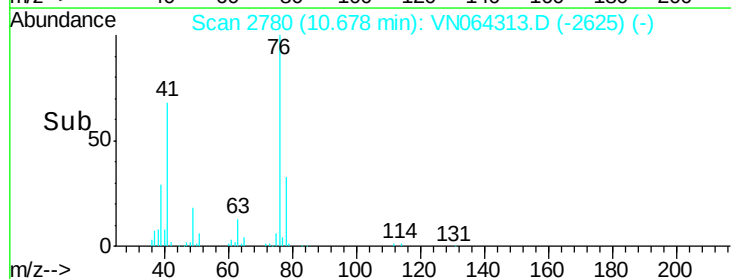
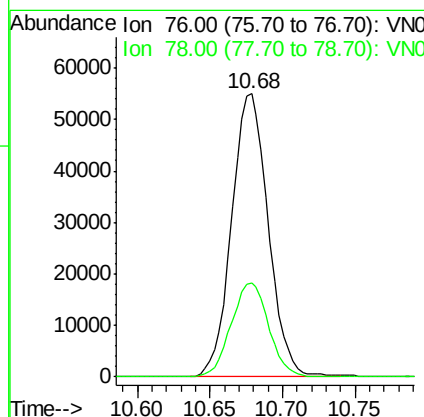
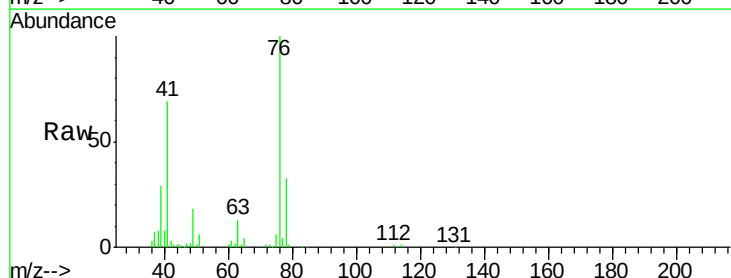
RT: 10.68 min Scan# 2780

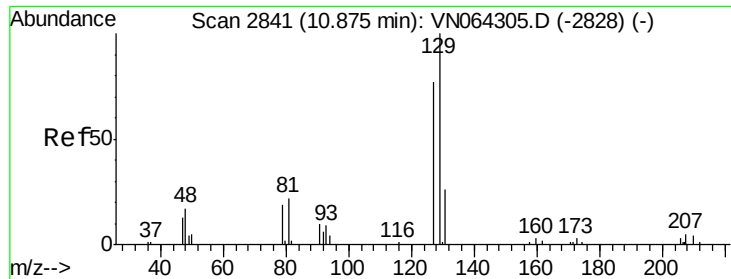
Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Tgt Ion:	76	Resp:	96422
Ion	Ratio	Lower	Upper
76	100		
78	34.1	0.0	61.6





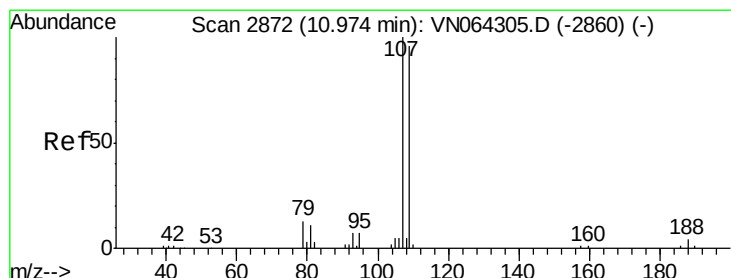
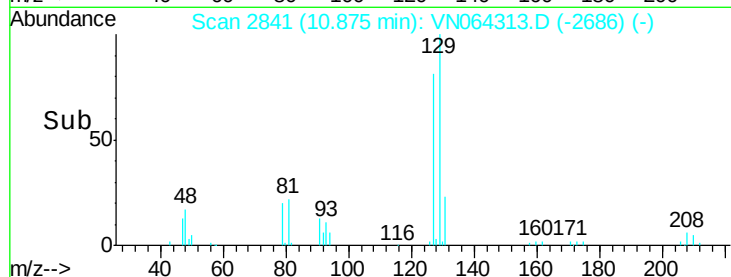
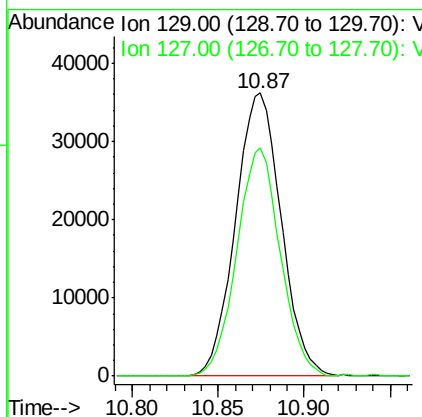
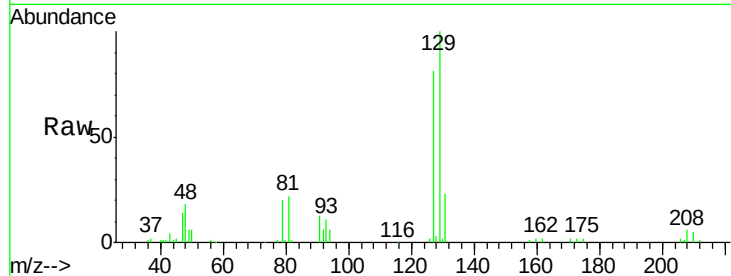
#53
Dibromochloromethane
Concen: 18.067 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion:129 Resp: 66983
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7

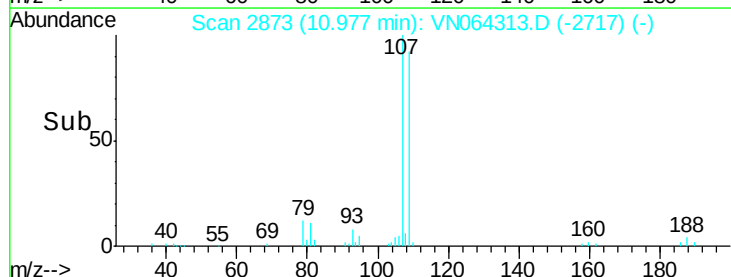
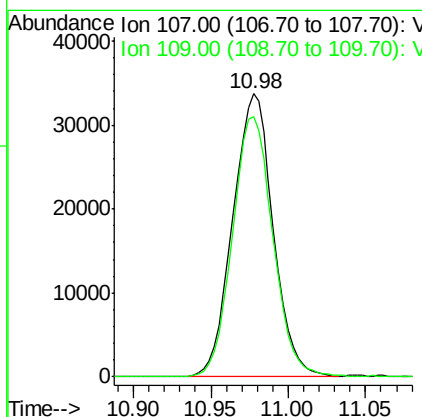
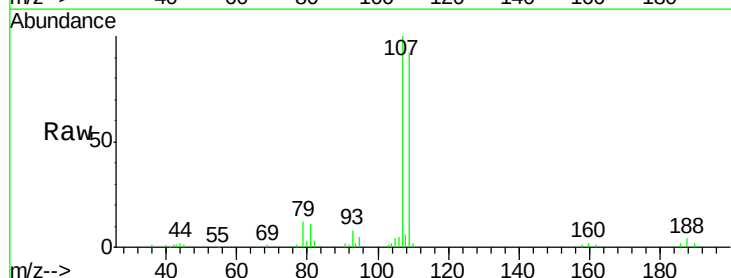
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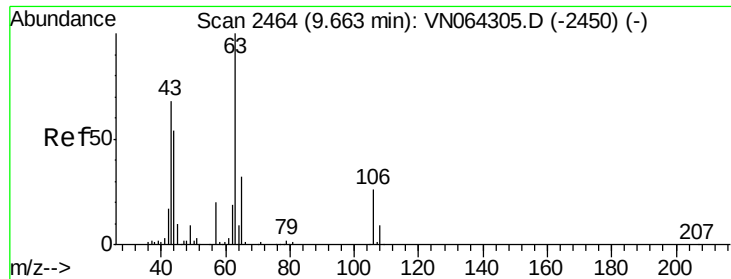
MMDadoda
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#54
1,2-Dibromoethane
Concen: 18.794 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion:107 Resp: 60943
Ion Ratio Lower Upper
107 100
109 92.4 74.8 112.2





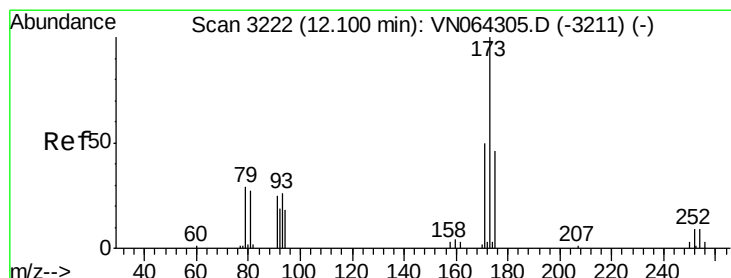
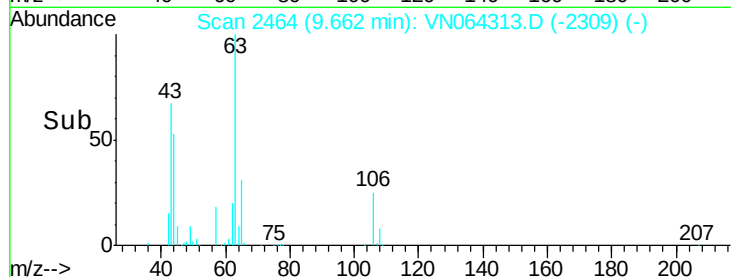
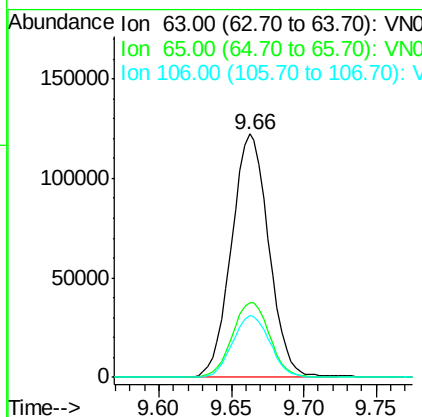
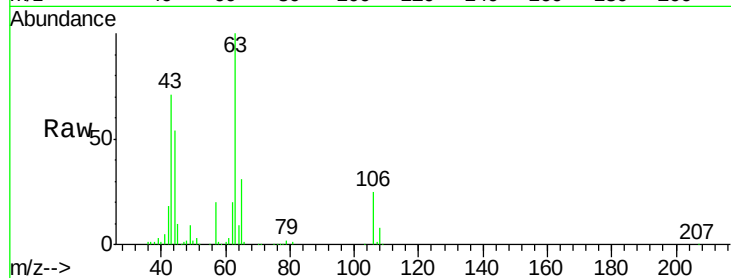
#55
2-Chloroethyl vinyl ether
Concen: 92.779 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	25.6	38.4
106	25.4	20.7	31.1

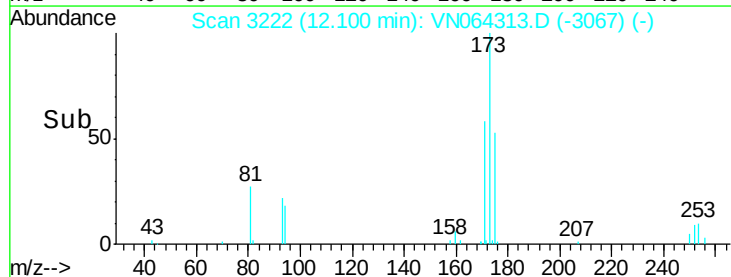
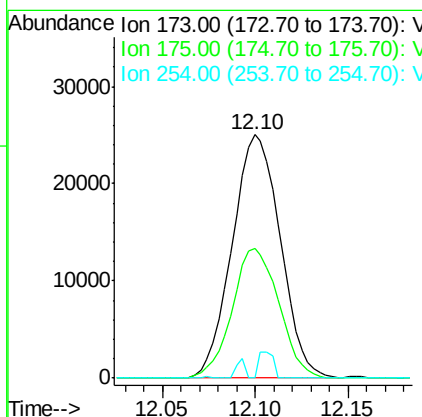
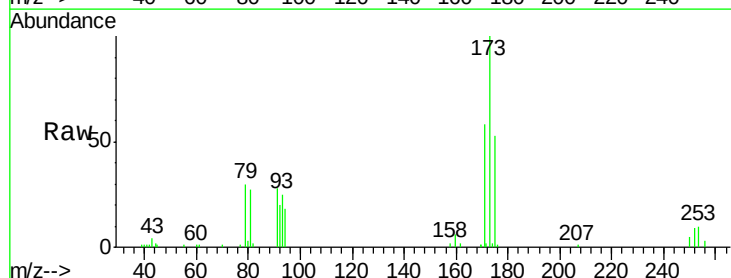
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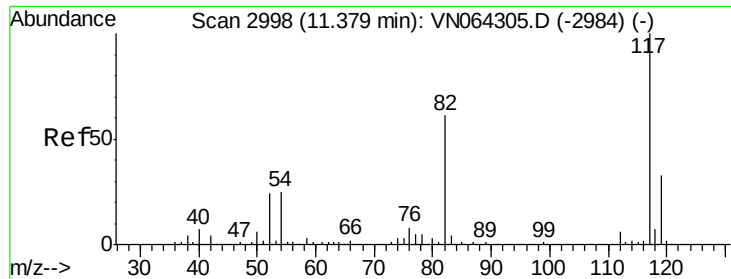
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#56
Bromoform
Concen: 16.987 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.6	37.3	55.9
254	3.3	4.8	7.2#





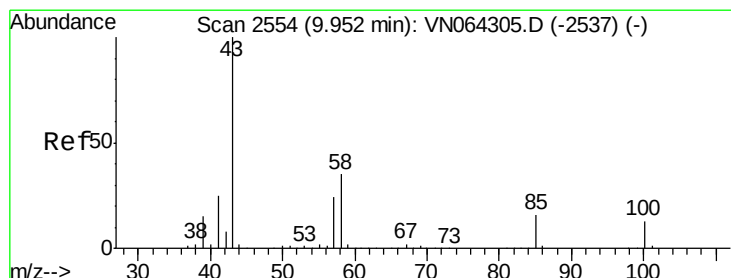
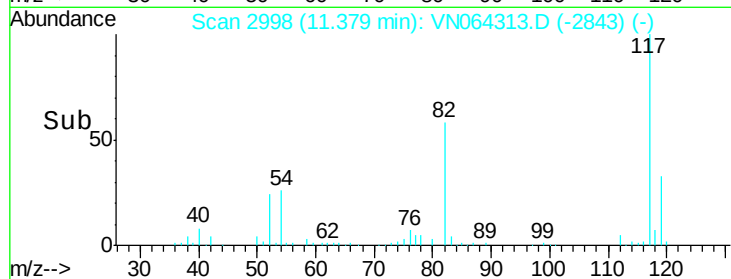
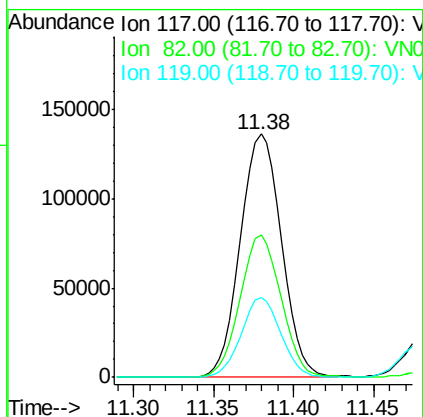
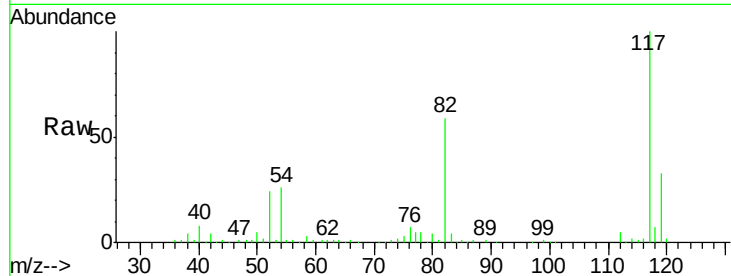
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.1	48.7	73.1
119	31.4	25.1	37.7

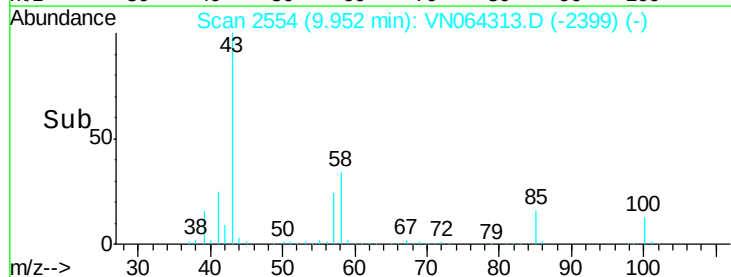
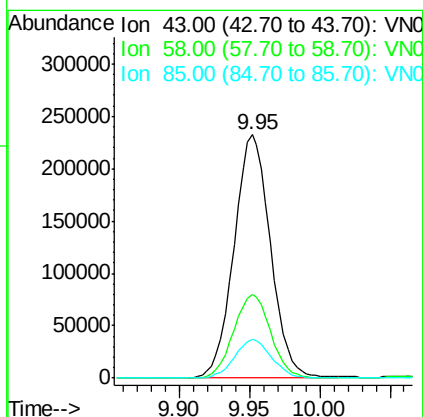
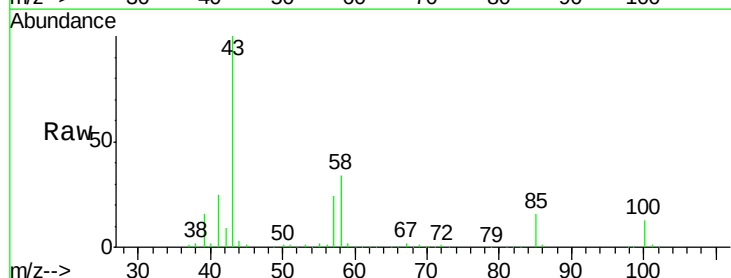
Manual Integrations
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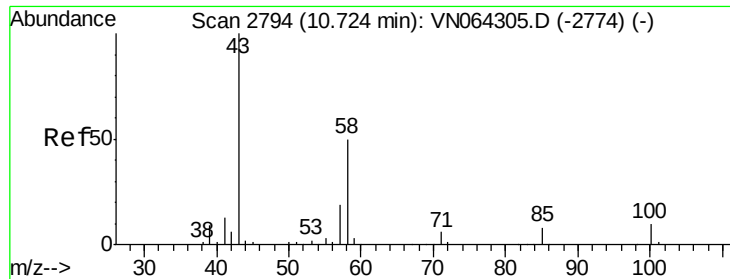
MMDadoda
10/27/2020 2:21:31 PM



#58
4-Methyl-2-Pentanone
Concen: 94.246 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.7	43.1
85	16.3	13.4	20.2





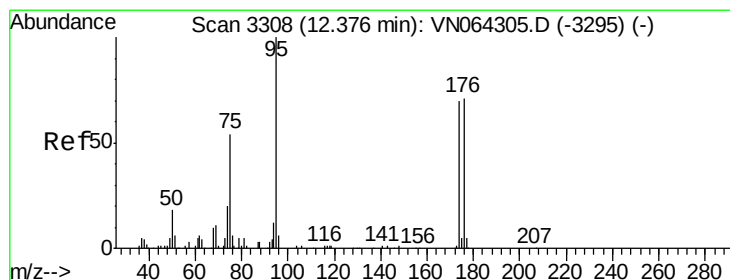
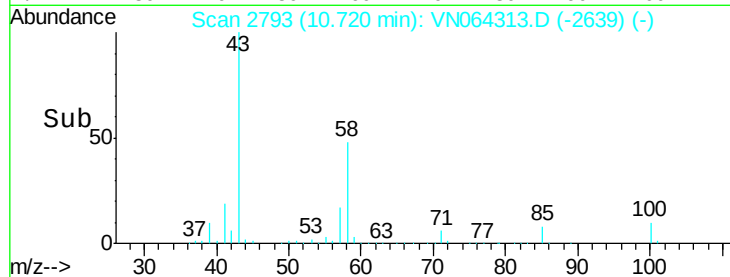
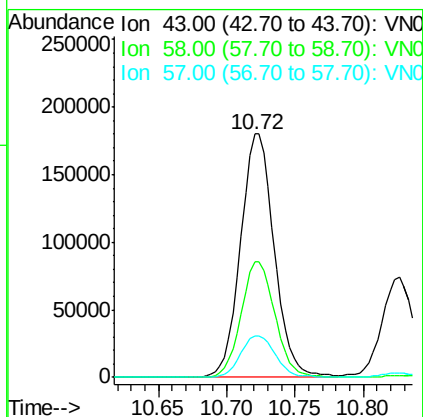
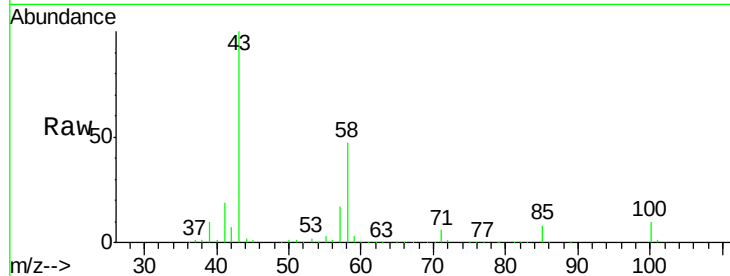
#59
2-Hexanone
Concen: 92.704 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.2	39.4	59.2
57	18.0	14.8	22.2

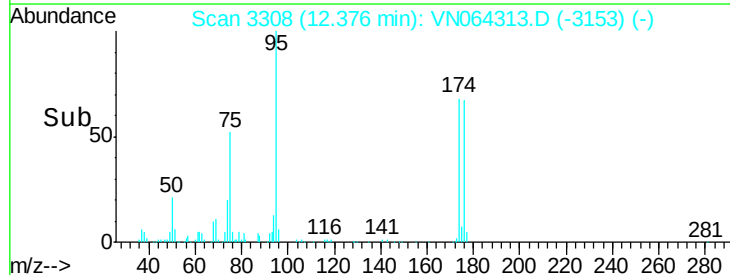
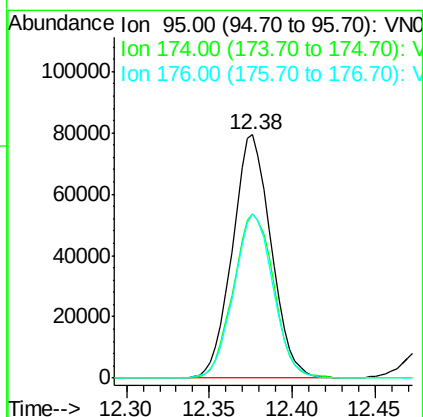
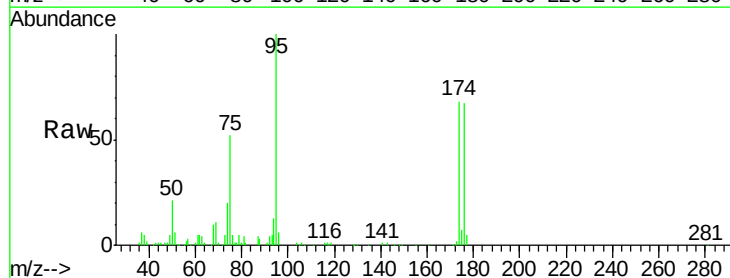
Manual Integrations
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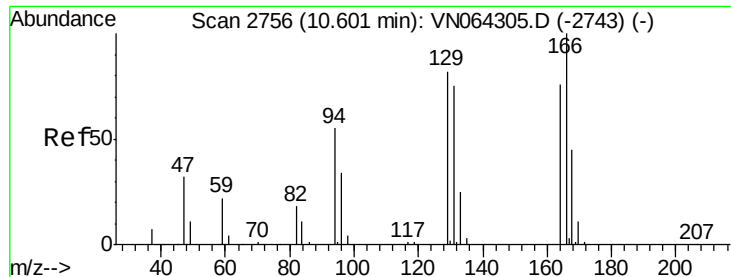
MMDadoda
10/27/2020 2:21:31 PM



#60
4-Bromofluorobenzene
Concen: 30.144 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
95	100		
174	70.4	57.6	86.4
176	68.3	55.5	83.3





#61

Tetrachloroethene

Concen: 18.982 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tot Ion:164 Resp: 60716

Ion Ratio Lower Upper

164 100

166 124.5 105.4 158.0

129 101.3 86.4 129.6

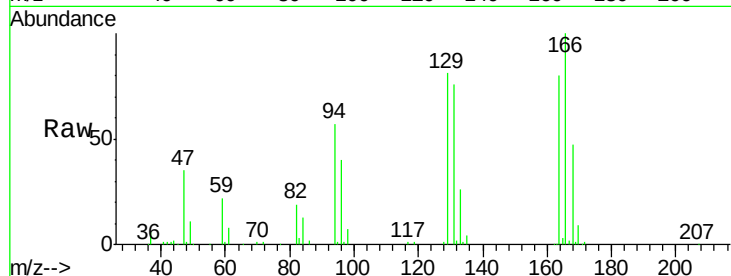
131 95.6 78.5 117.7

Manual Integrations

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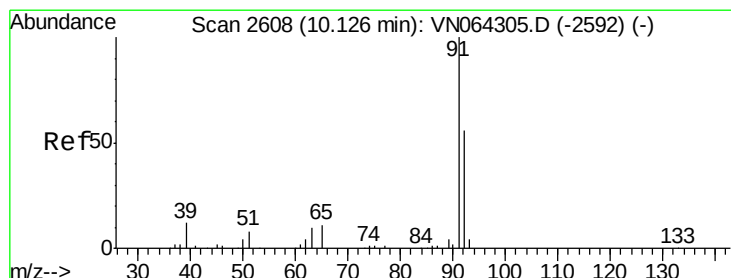
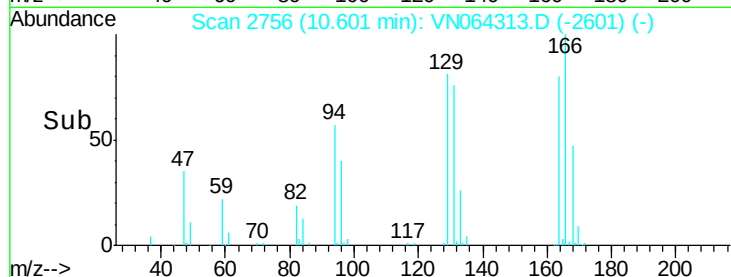
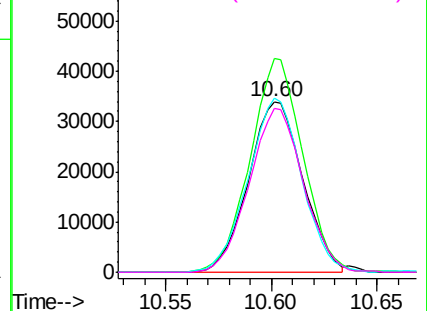


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.394 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064313.D

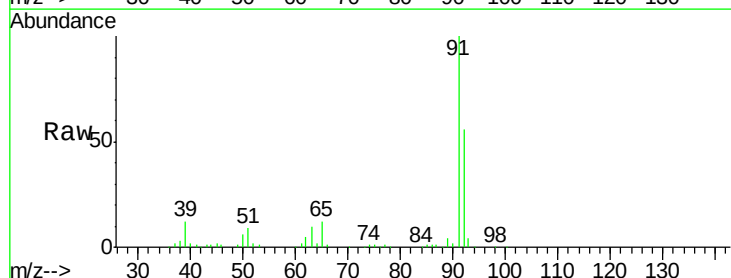
Acq: 26 Oct 2020 20:39

Tgt Ion: 91 Resp: 243022

Ion Ratio Lower Upper

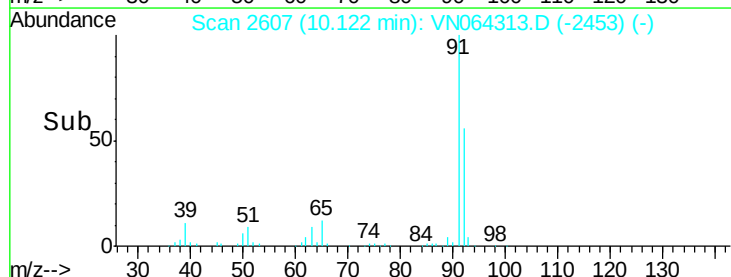
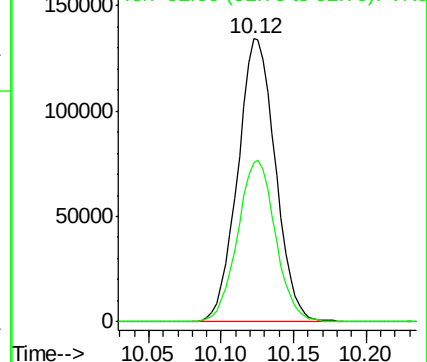
91 100

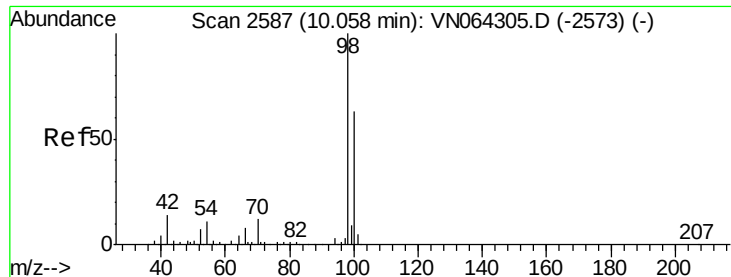
92 57.3 45.8 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 29.623 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tot Ion: 98 Resp: 316867

Ion Ratio Lower Upper

98 100

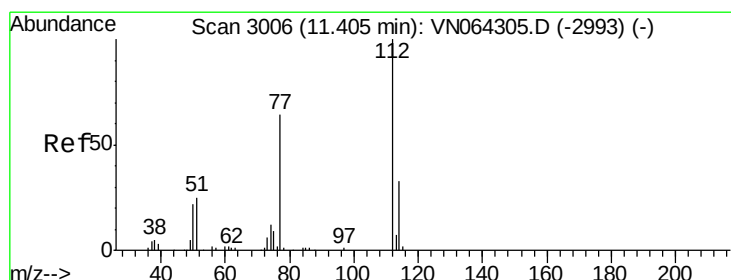
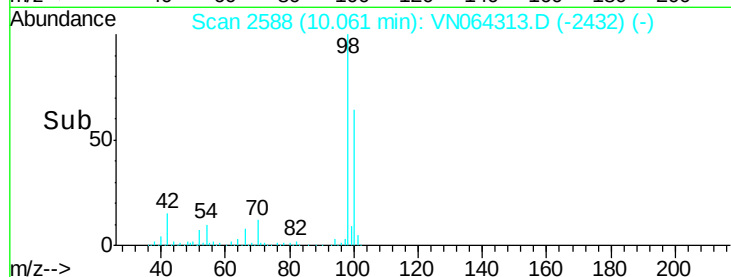
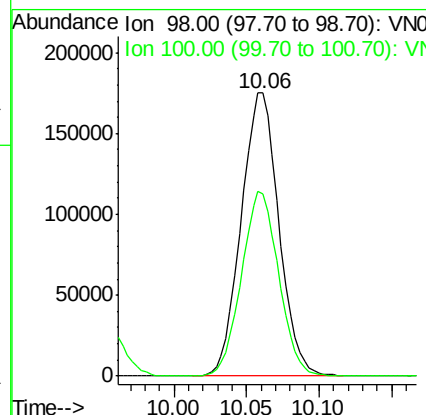
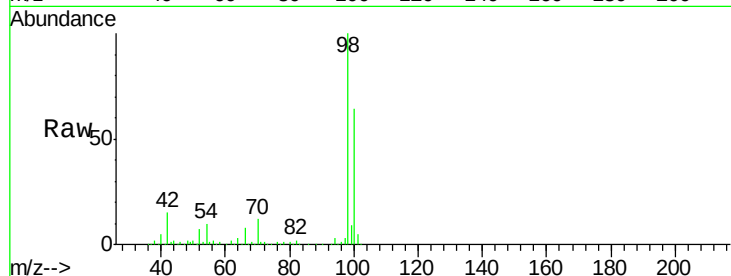
100 64.0 50.6 75.8

Manual Integrations

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10/27/2020 2:21:31 PM



#64

Chlorobenzene

Concen: 18.097 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064313.D

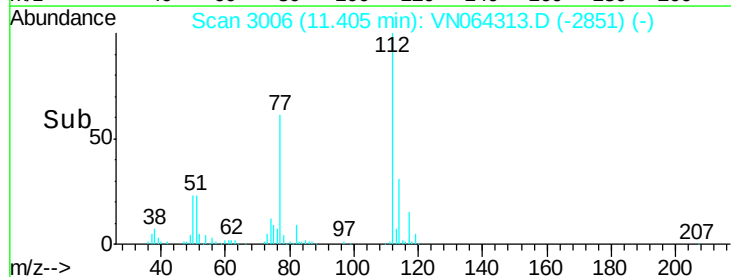
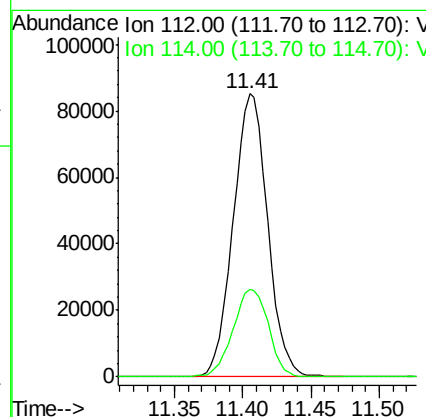
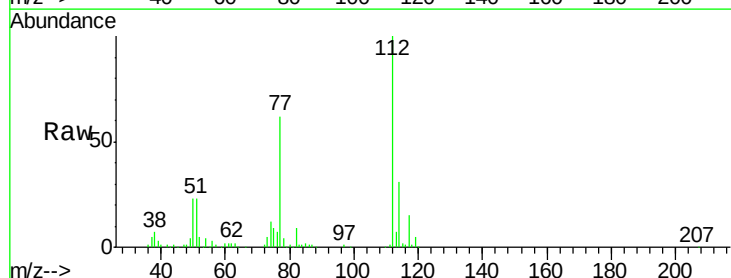
Acq: 26 Oct 2020 20:39

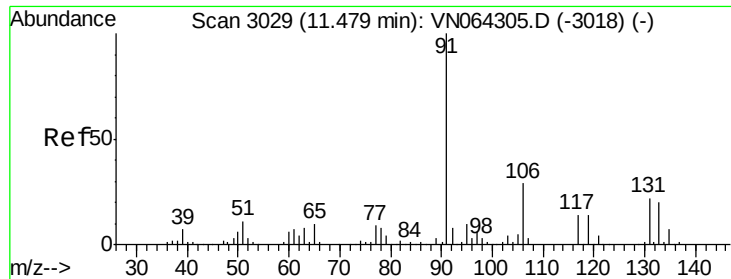
Tgt Ion: 112 Resp: 149056

Ion Ratio Lower Upper

112 100

114 31.0 26.7 40.1





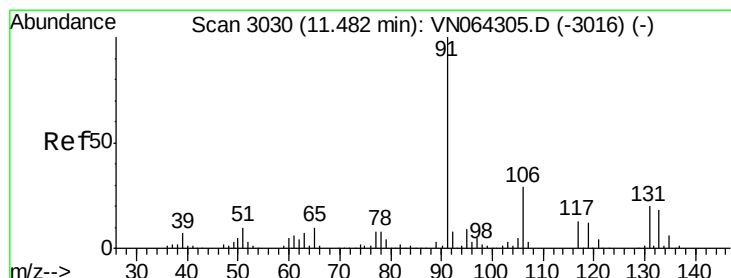
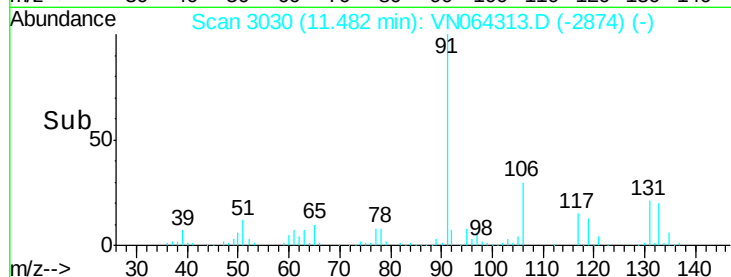
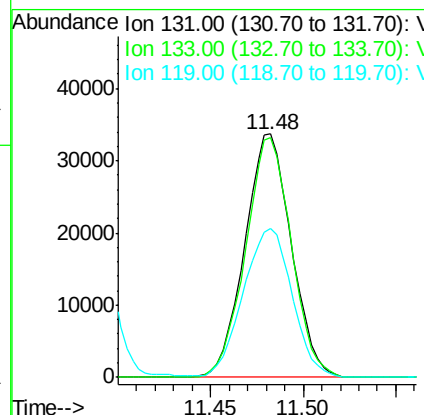
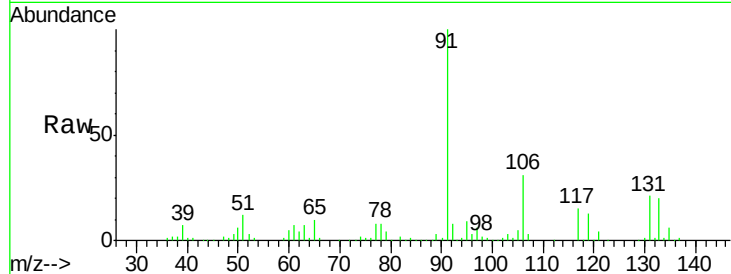
#65
1,1,1,2-Tetrachloroethane
Concen: 18.109 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion:131 Resp: 58925
Ion Ratio Lower Upper
131 100
133 96.8 0.0 183.0
119 64.2 0.0 121.6

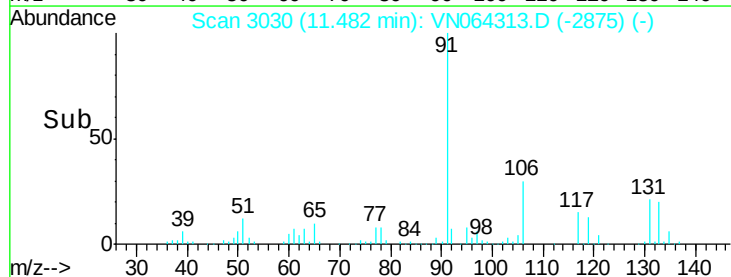
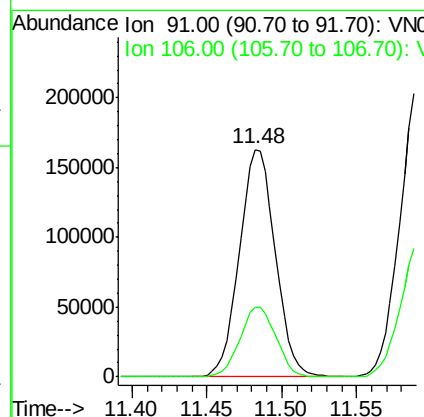
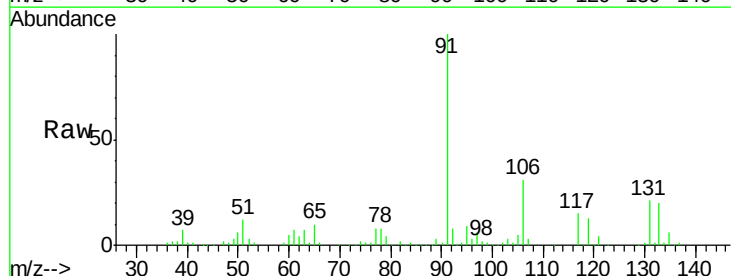
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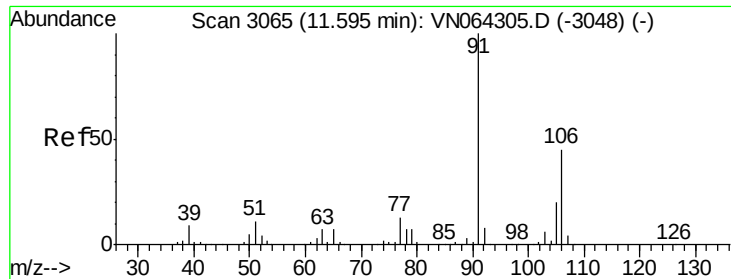
MMDadoda
10/27/2020 2:21:31 PM



#66
Ethyl Benzene
Concen: 18.019 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 91 Resp: 272088
Ion Ratio Lower Upper
91 100
106 30.8 22.8 34.2





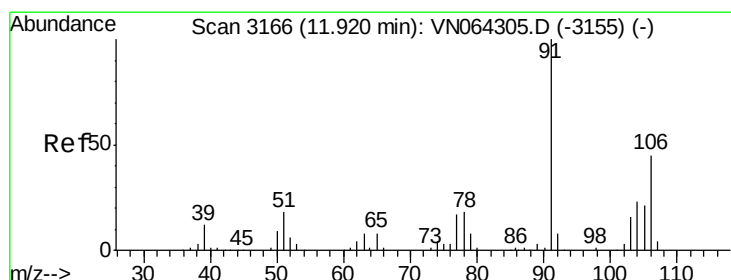
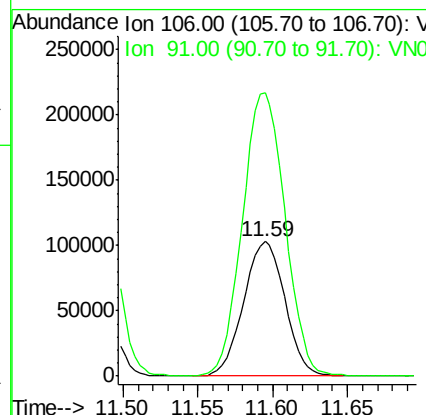
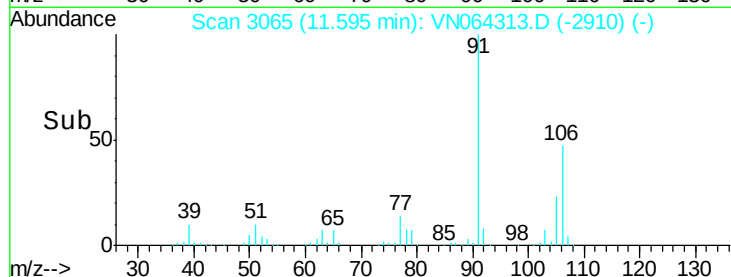
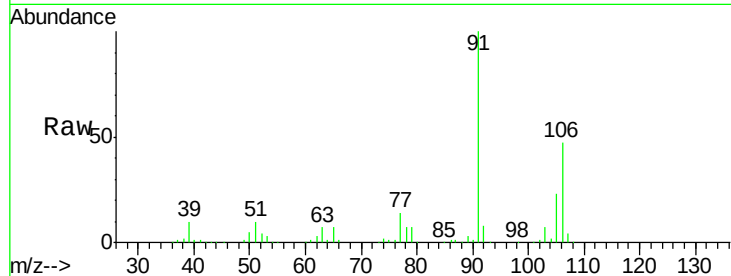
#67
m/p-Xylenes
Concen: 35.875 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion:106 Resp: 198939
Ion Ratio Lower Upper
106 100
91 215.1 176.2 264.2

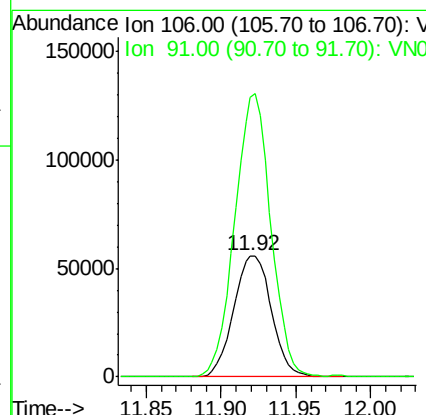
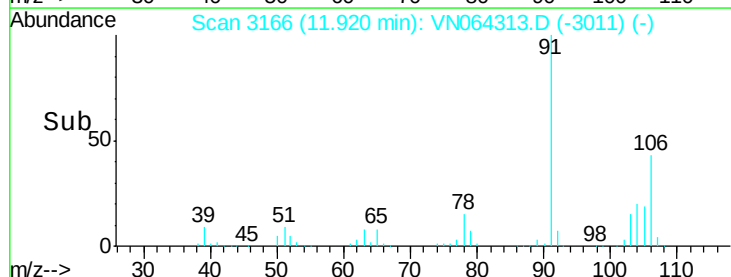
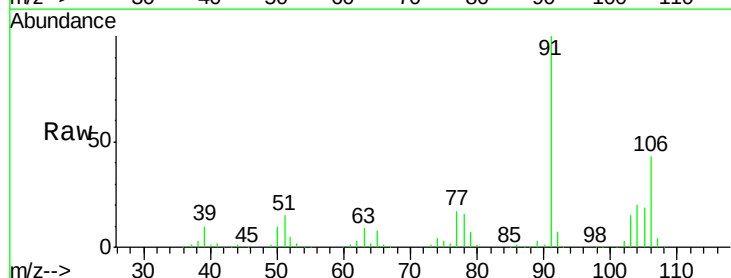
Manual Integrations
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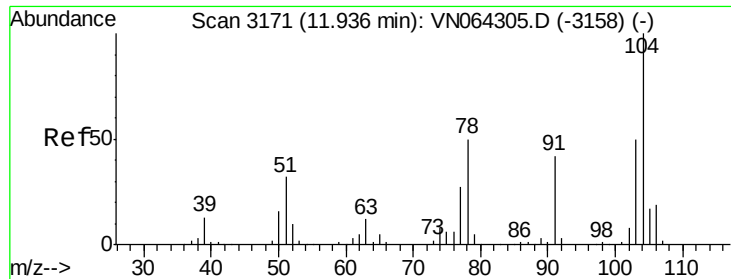
MMDadoda
10/27/2020 2:21:31 PM



#68
o-Xylene
Concen: 17.960 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion:106 Resp: 97946
Ion Ratio Lower Upper
106 100
91 223.3 112.9 338.6





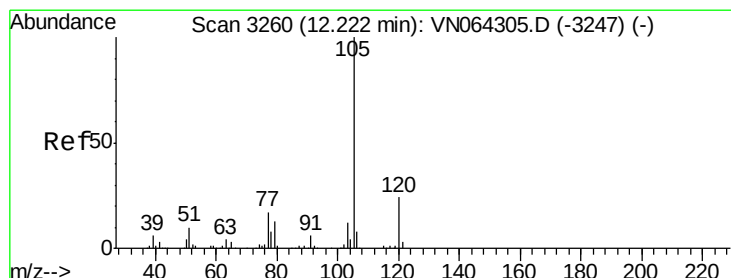
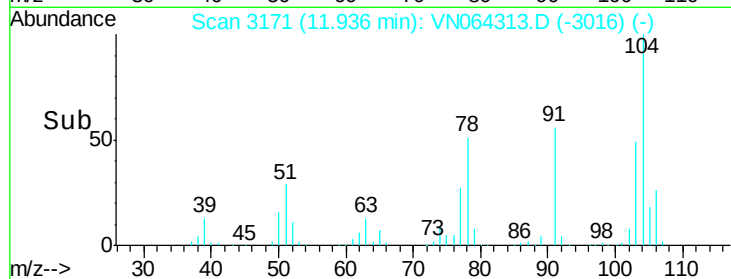
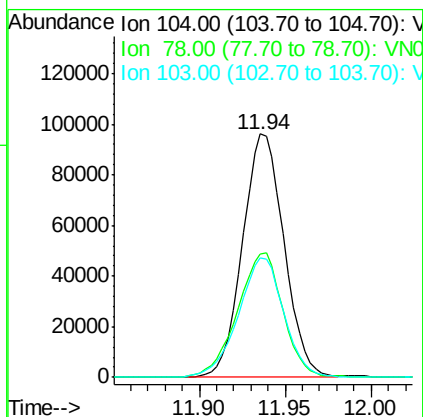
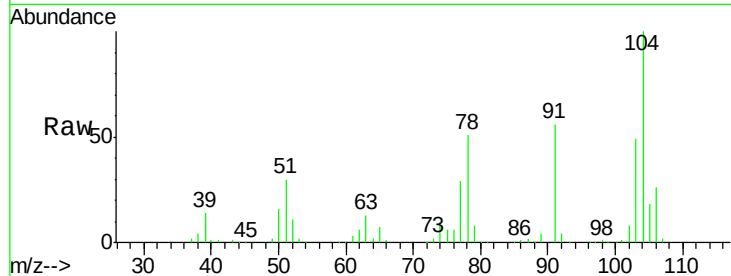
#69
Stvrene
Concen: 17.765 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	161465		
78	56.1	46.3	69.5	
103	53.8	44.2	66.2	

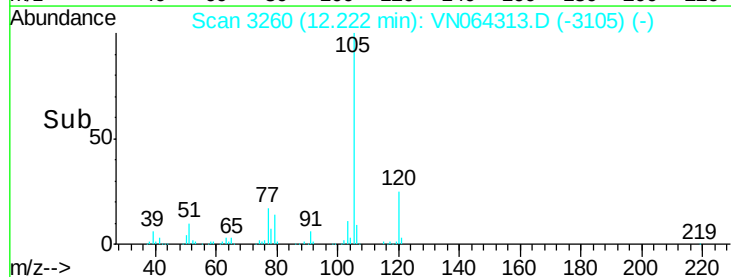
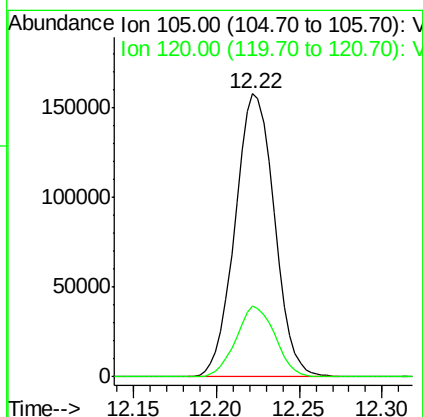
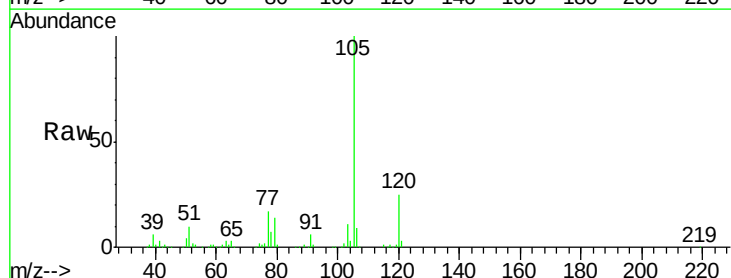
Manual Integrations
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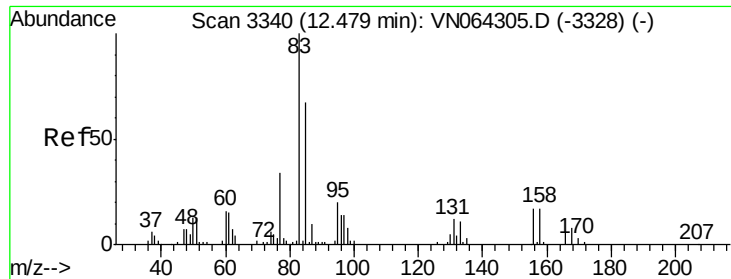
MMDadoda
10/27/2020 2:21:31 PM



#70
Isopropylbenzene
Concen: 18.061 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	261162		
120	24.8	17.4	32.2	





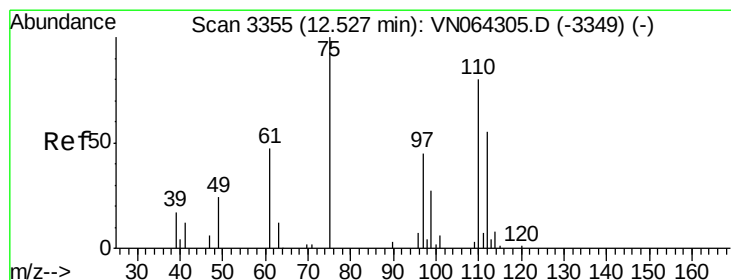
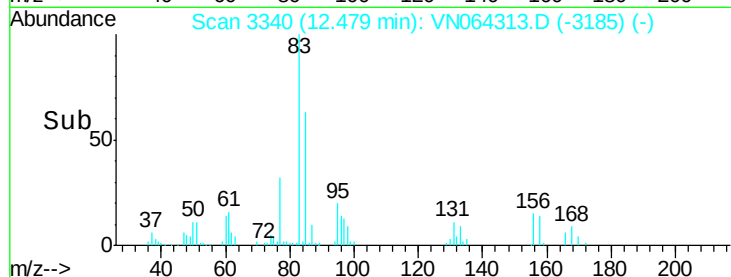
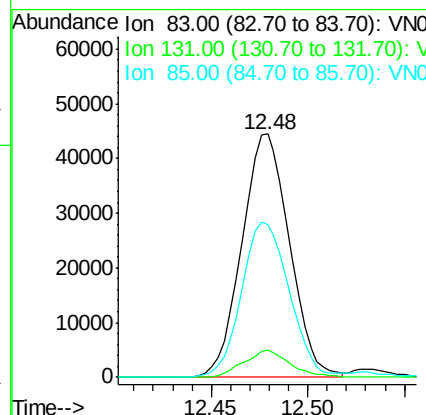
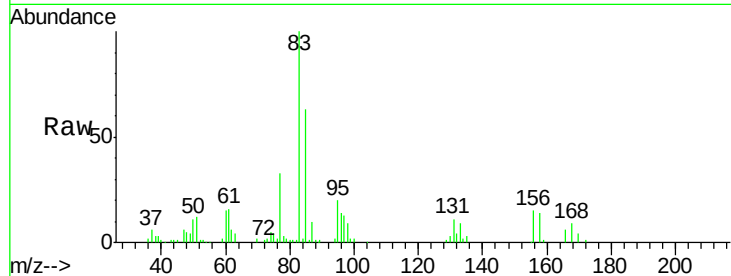
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.502 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	83	Resp	76225
Ion Ratio	100	Lower	Upper
83	100		
131	10.9	6.0	18.0
85	63.6	32.0	96.0

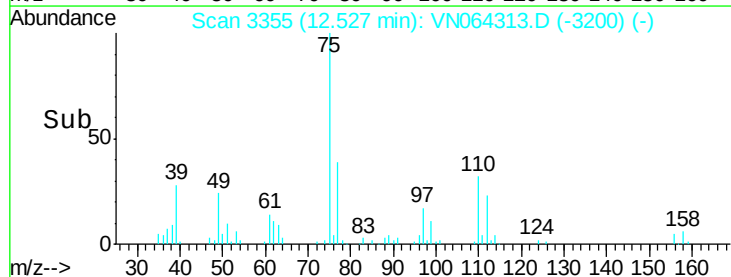
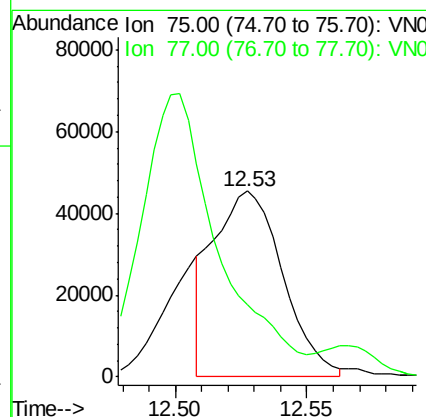
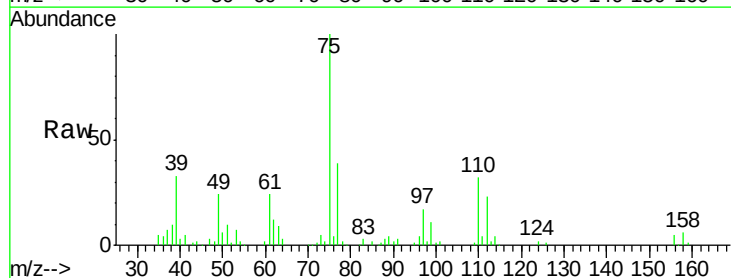
Manual Integrations
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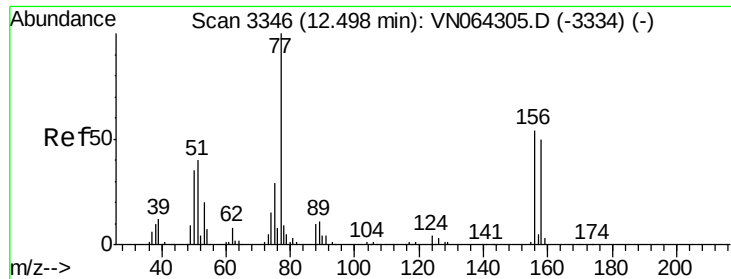
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#72
 1,2,3-Trichloropropane
 Concen: 19.001 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion	75	Resp	83364
Ion Ratio	100	Lower	Upper
75	100		
77	171.5	0.0	340.8





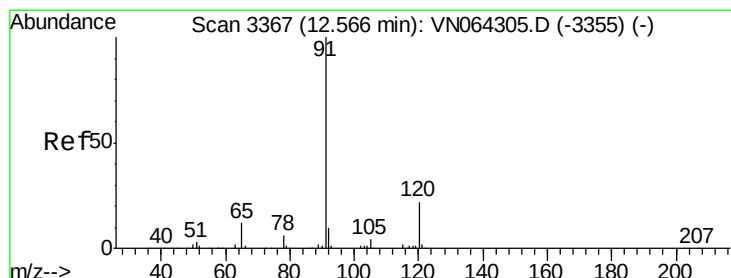
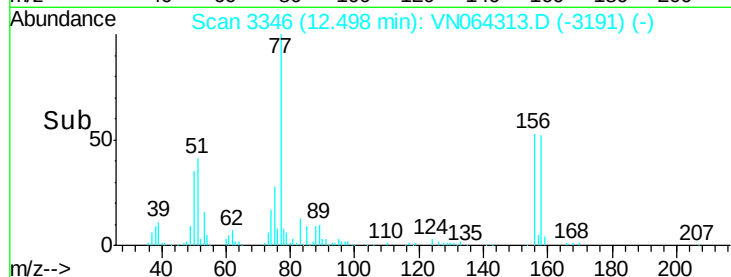
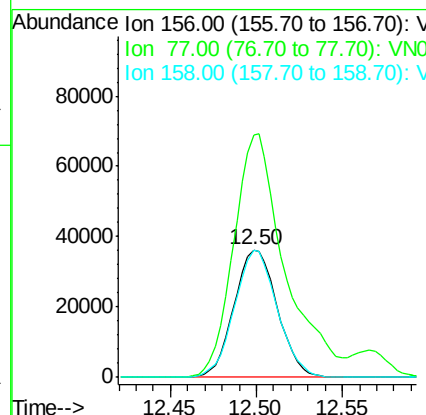
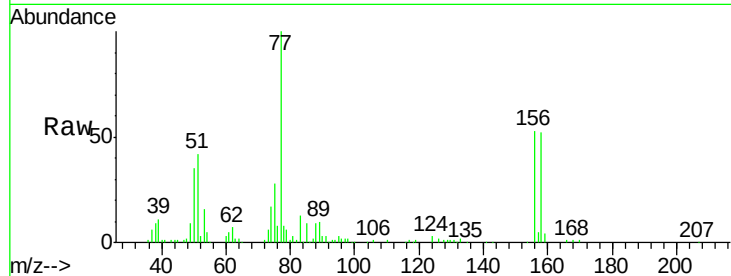
#73
Bromobenzene
Concen: 17.884 ug/l
RT: 12.50 min Scan# 3346
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	225.5	0.0	449.2
158	98.5	0.0	191.0

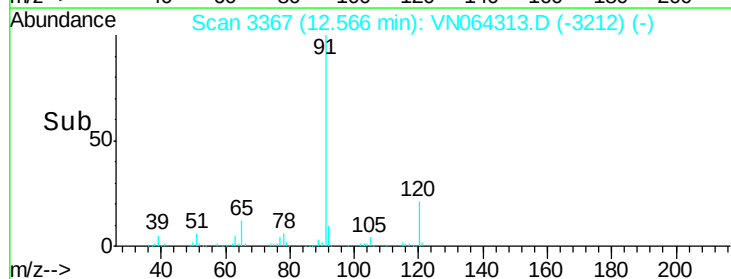
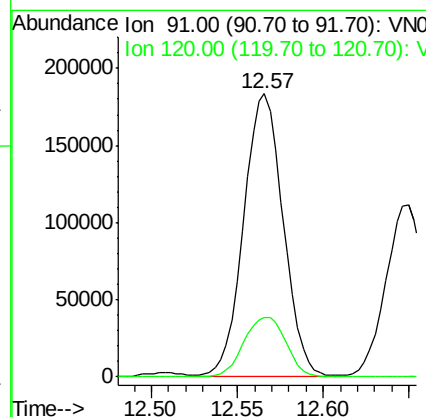
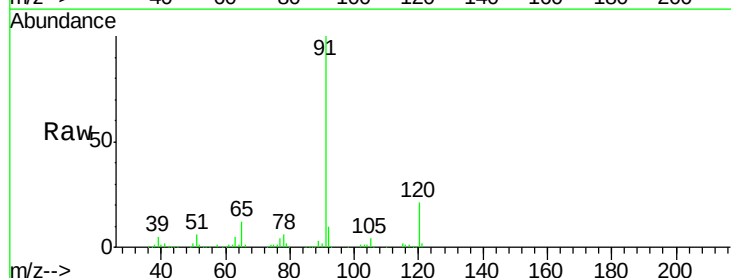
Manual Integrations
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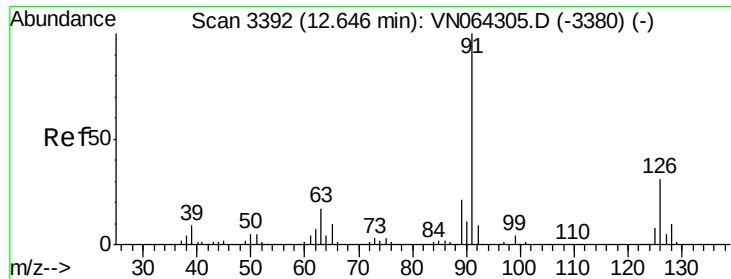
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#74
n-propylbenzene
Concen: 17.775 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	0.0	44.2





#75

2-Chlorotoluene

Concen: 17.973 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

Tot Ion: 91 Resp: 183177

Ion Ratio Lower Upper

91 100

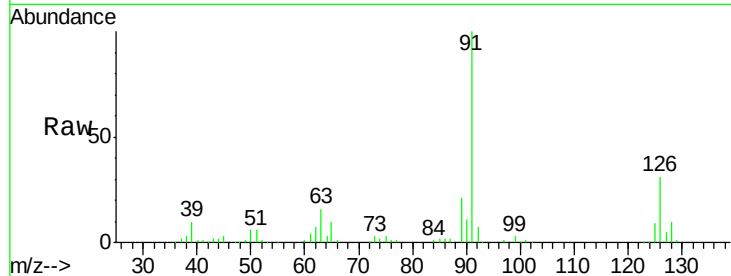
126 31.9 0.0 62.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN064305.D (-3380) (-)

Ion 126.00 (125.70 to 126.70): VN064305.D (-3380) (-)

120000

100000

80000

60000

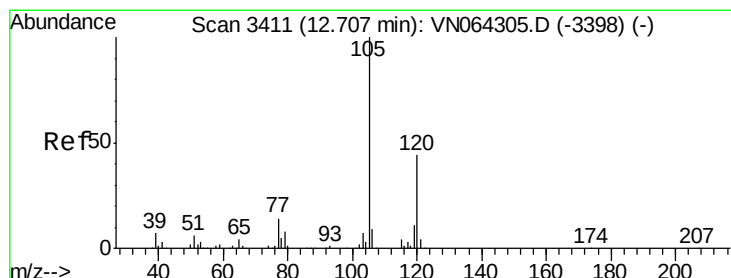
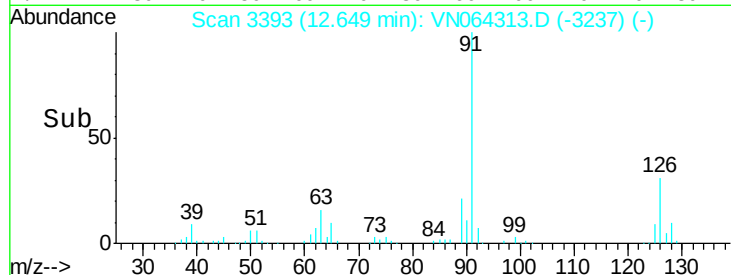
40000

20000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.952 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064313.D

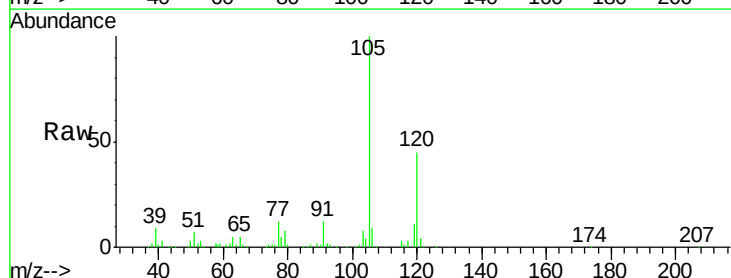
Acq: 26 Oct 2020 20:39

Tgt Ion: 105 Resp: 219529

Ion Ratio Lower Upper

105 100

120 46.2 0.0 89.8



Abundance Ion 105.00 (104.70 to 105.70): VN064305.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN064305.D (-3398) (-)

150000

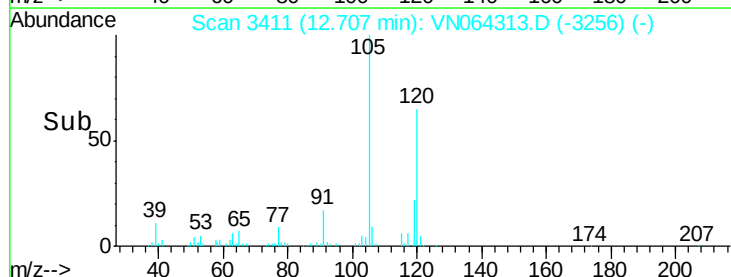
100000

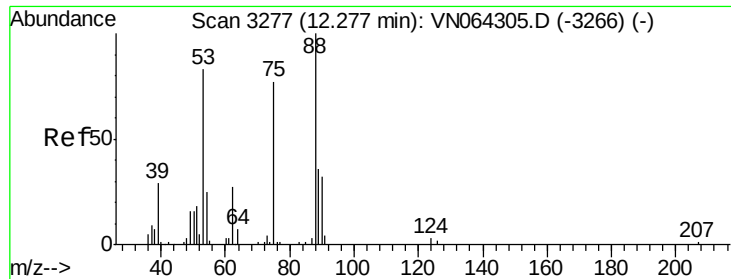
50000

0

12.65 12.70 12.75

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.253 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

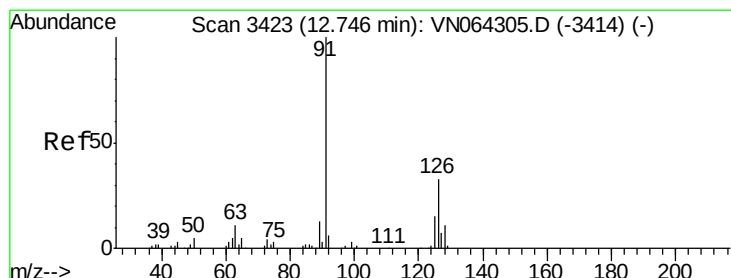
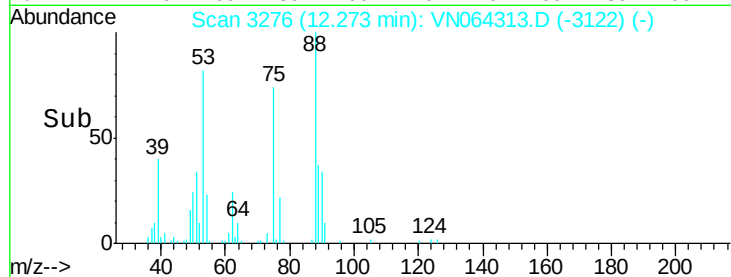
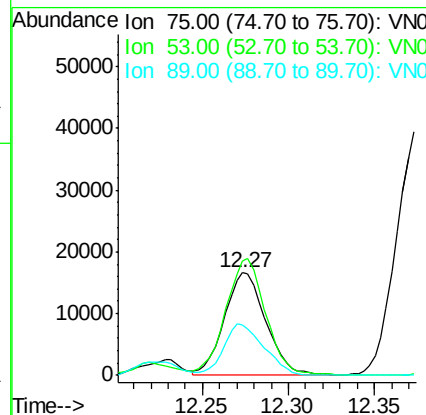
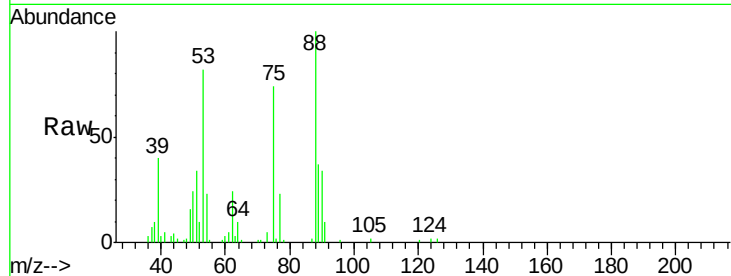
ClientSampleId :

VN1026WBS01

Tot Ion:	75	Resp:	28263
Ion	Ratio	Lower	Upper
75	100		
53	110.8	51.0	153.0
89	49.6	24.8	74.3

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#78

4-Chlorotoluene

Concen: 17.465 ug/l

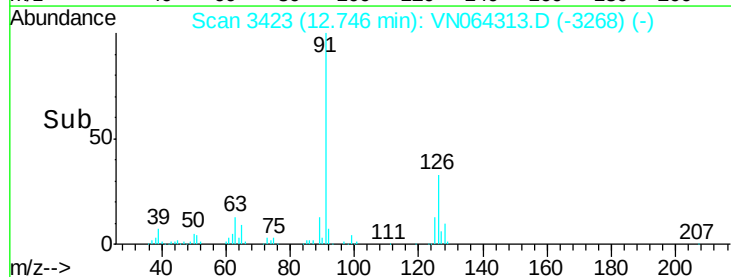
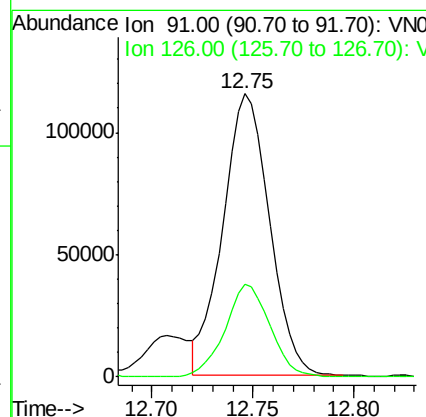
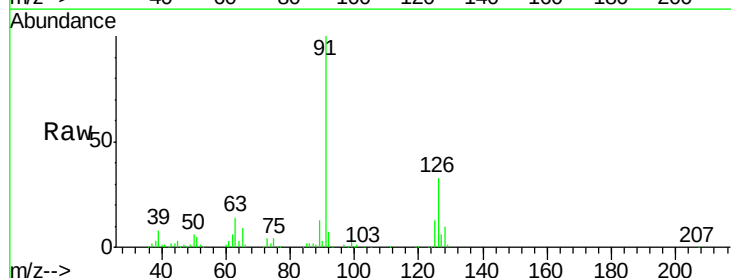
RT: 12.75 min Scan# 3423

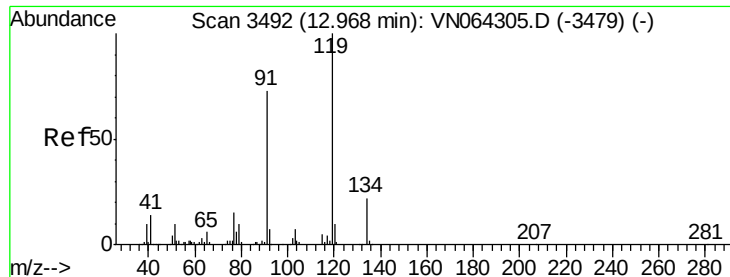
Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Tgt Ion:	91	Resp:	186274
Ion	Ratio	Lower	Upper
91	100		
126	31.6	0.0	62.4





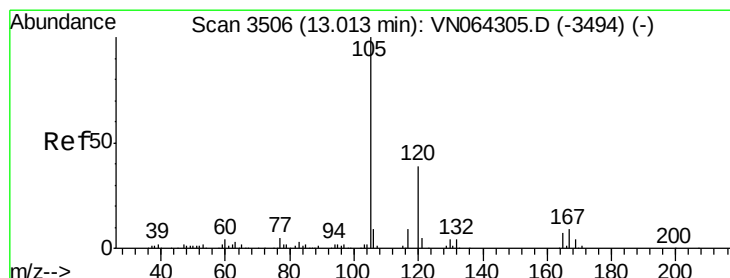
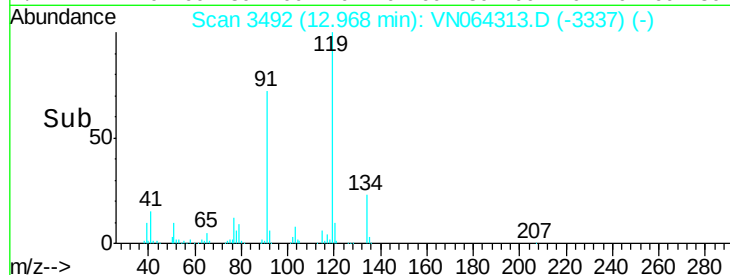
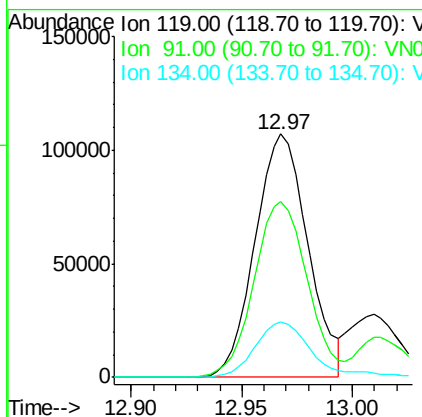
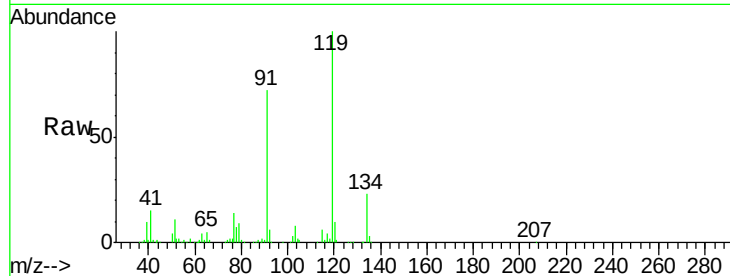
#79
 tert-butylbenzene
 Concen: 17.636 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	177734		
91	72.9	0.0	146.8	
134	22.9	0.0	48.6	

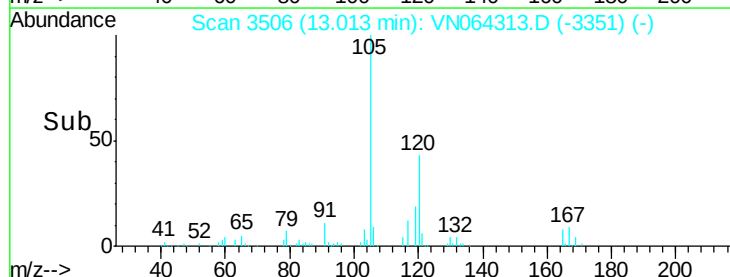
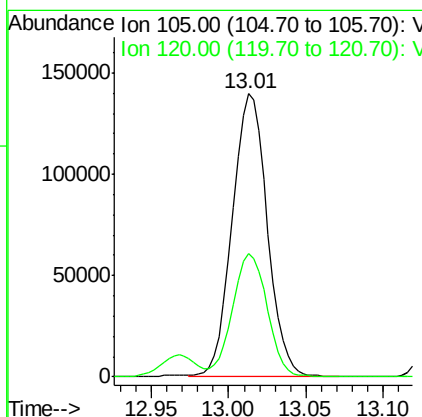
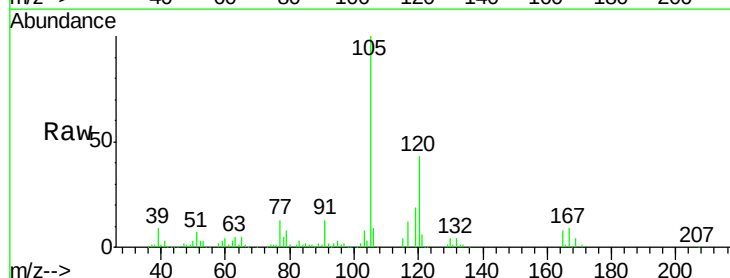
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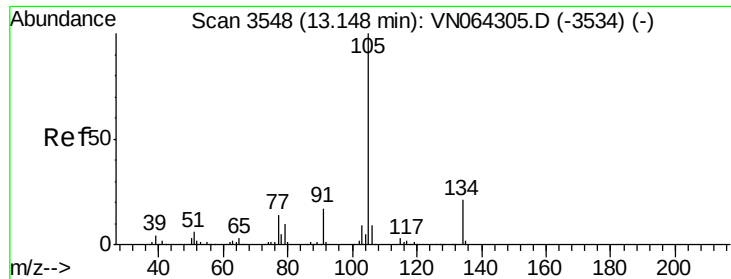
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#80
 1,2,4-Trimethylbenzene
 Concen: 17.813 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	219725		
120	43.0	0.0	87.0	





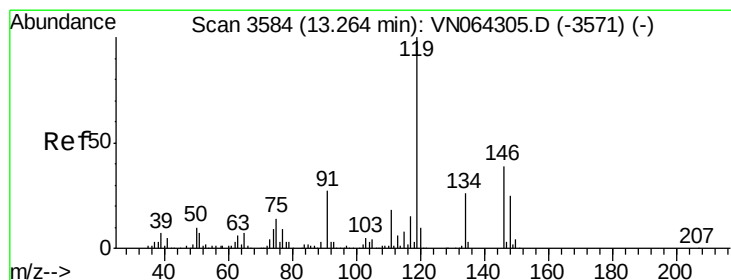
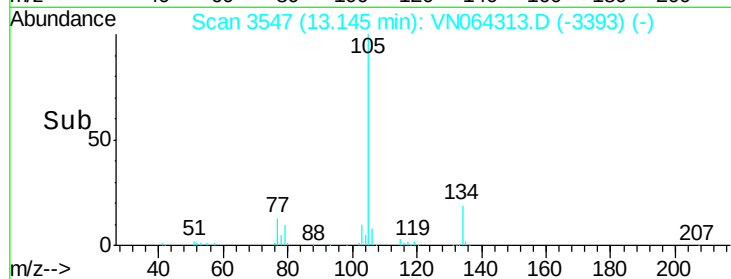
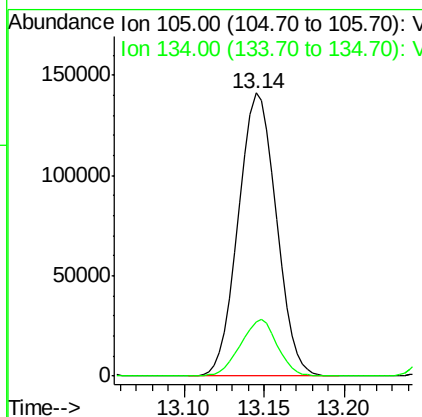
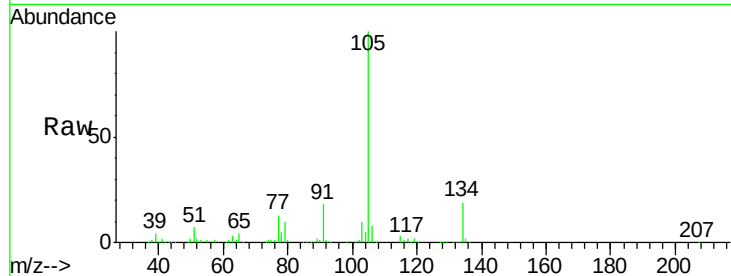
#81
 sec-Butylbenzene
 Concen: 17.466 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	228454		
134	19.3	0.0	38.4	

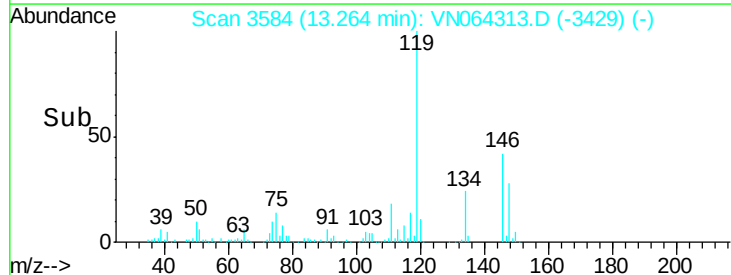
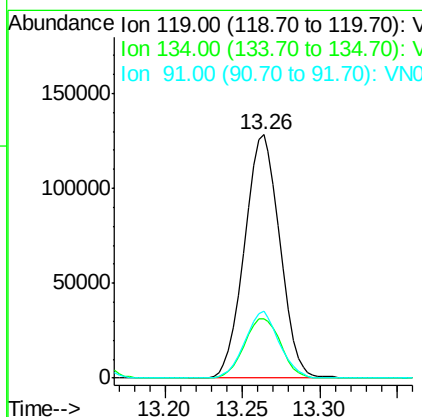
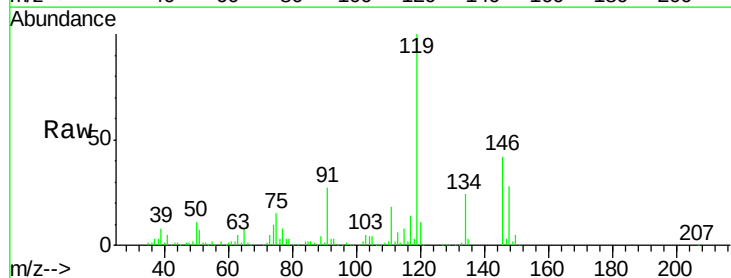
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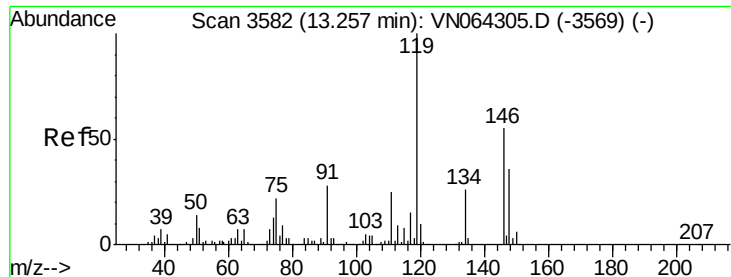
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#82
 p-Isopropyltoluene
 Concen: 17.015 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	203861		
134	25.3	0.0	52.2	
91	26.8	0.0	56.0	





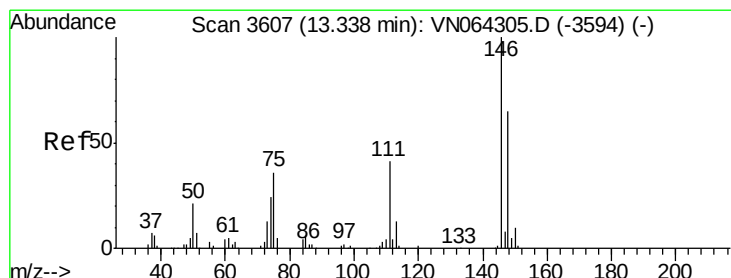
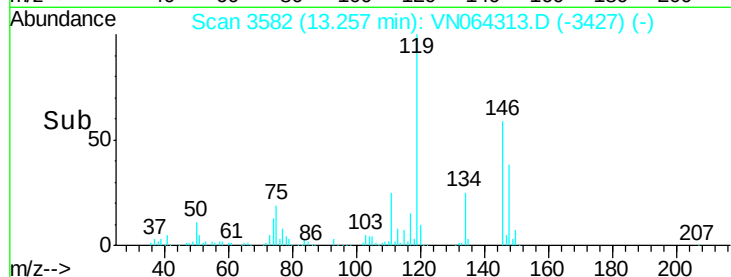
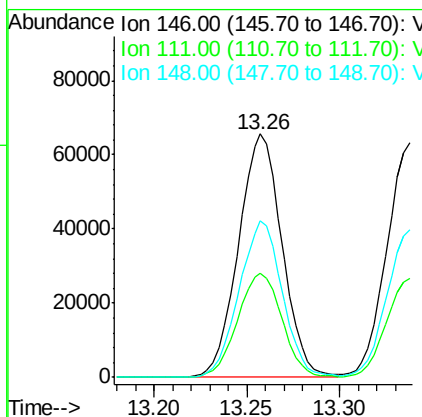
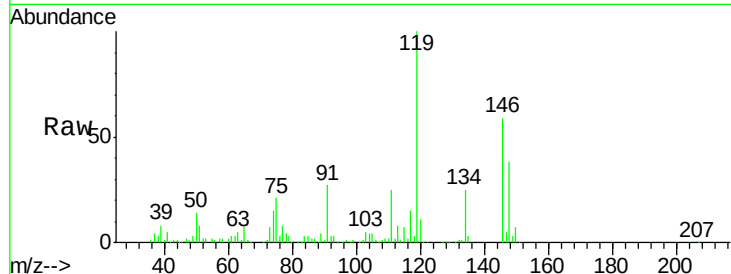
#83
 1,3-Dichlorobenzene
 Concen: 17.427 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.5	67.5
148	63.9	32.5	97.5

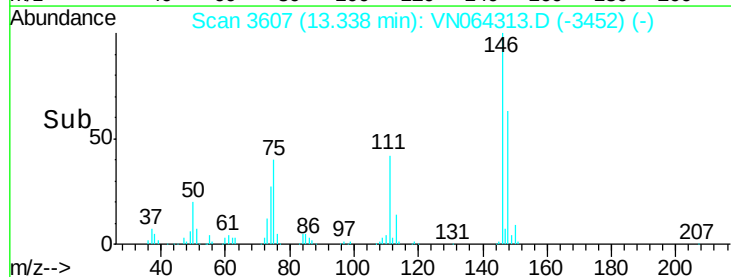
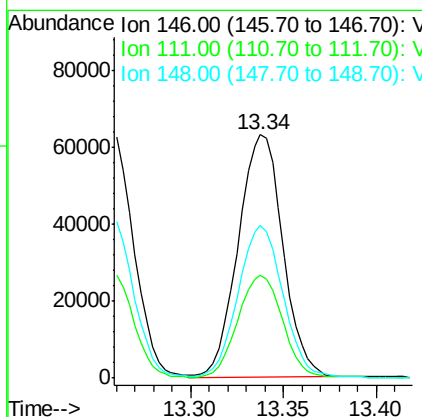
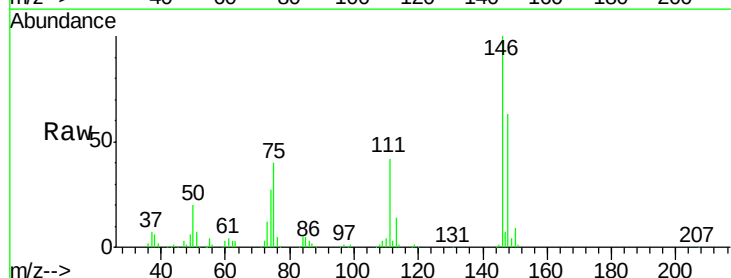
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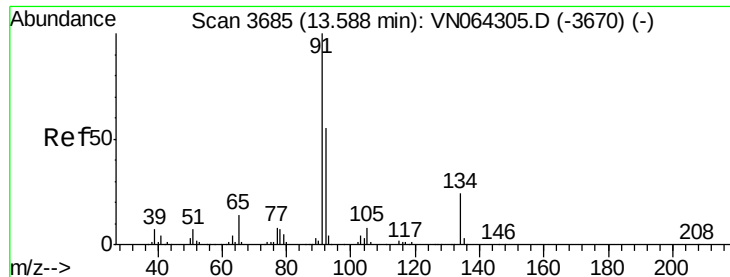
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#84
 1,4-Dichlorobenzene
 Concen: 17.004 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	64.8
148	64.5	32.4	97.0





#85

n-Butylbenzene

Concen: 16.694 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

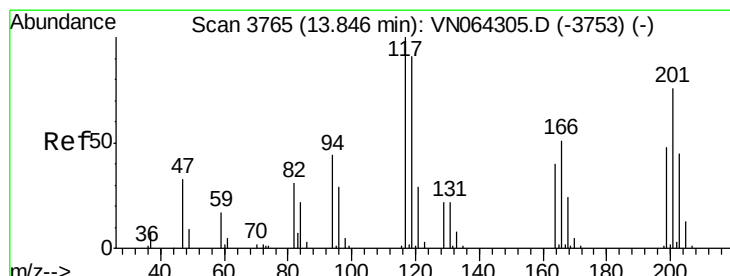
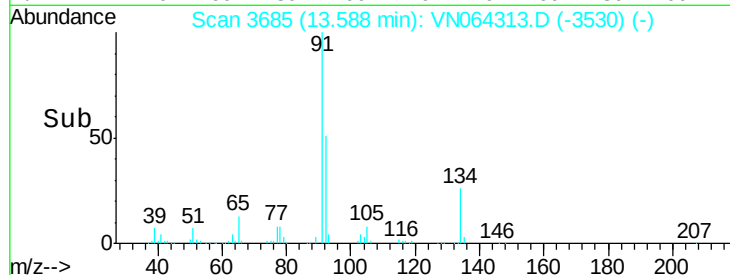
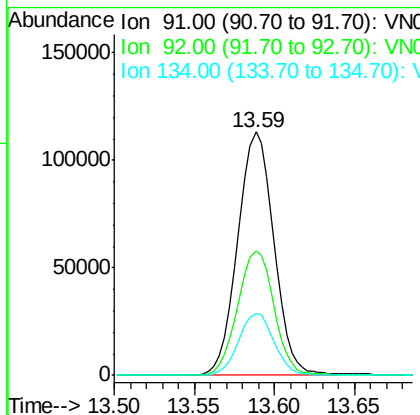
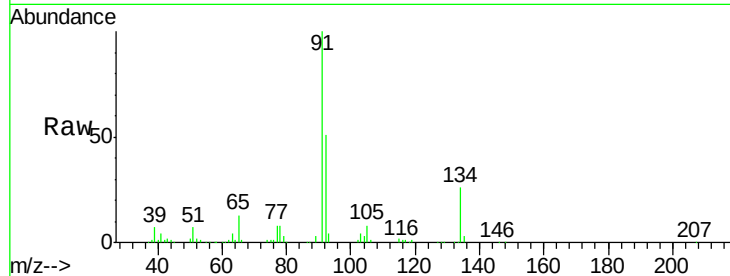
ClientSampleId :

VN1026WBS01

Tot Ion:	91	Resp:	174412
Ion	Ratio	Lower	Upper
91	100		
92	51.4	0.0	106.0
134	24.9	0.0	46.4

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#86

Hexachloroethane

Concen: 16.945 ug/l

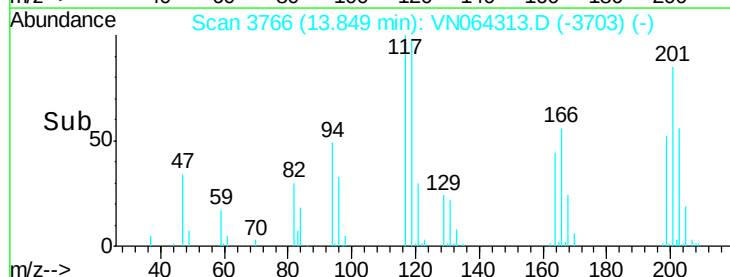
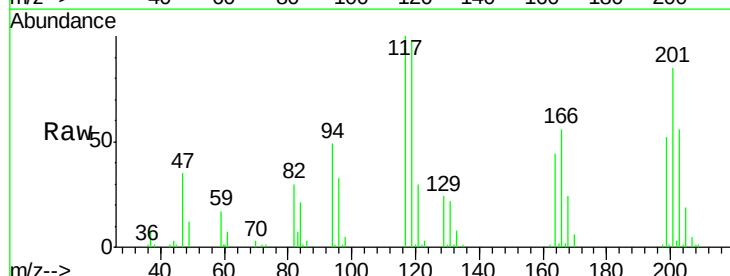
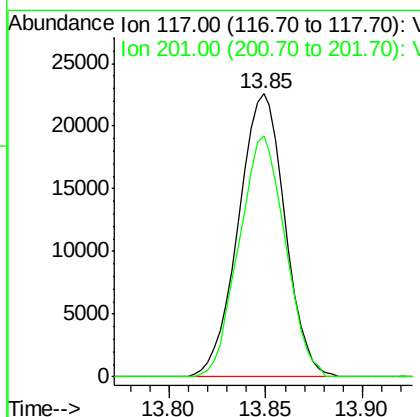
RT: 13.85 min Scan# 3766

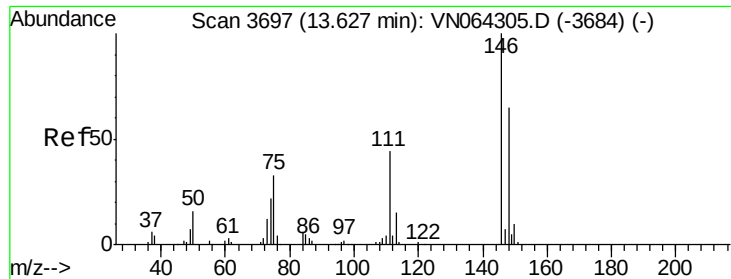
Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Tgt Ion:	117	Resp:	37861
Ion	Ratio	Lower	Upper
117	100		
201	84.2	39.6	118.7





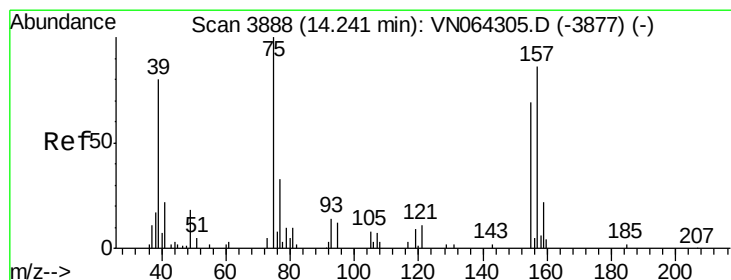
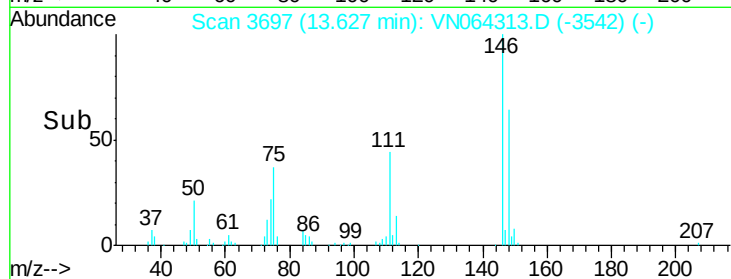
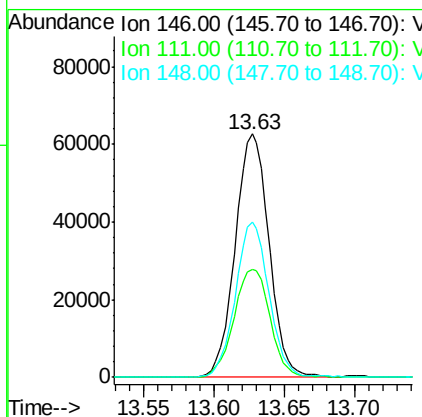
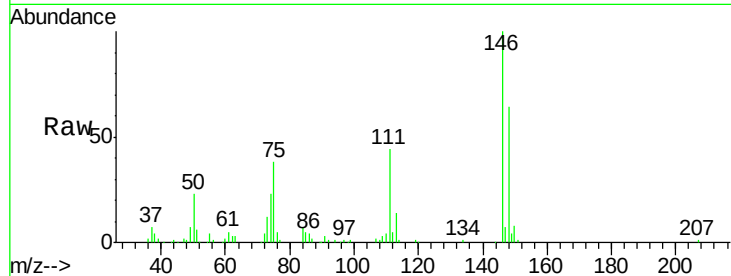
#87
 1,2-Dichlorobenzene
 Concen: 17.438 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	47.0	22.3	66.8
148	63.1	31.6	95.0

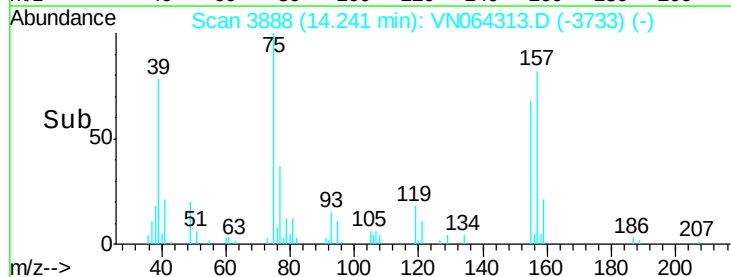
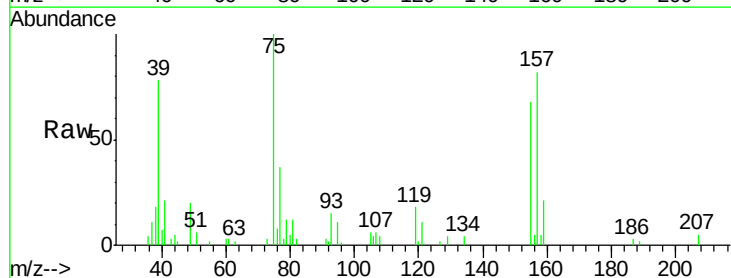
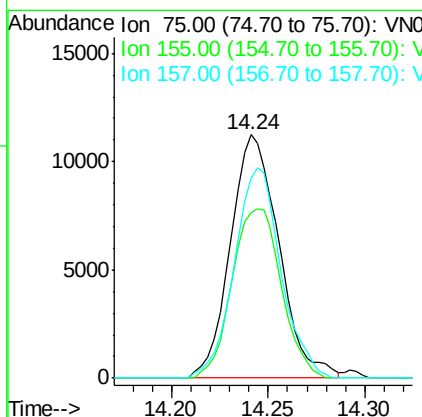
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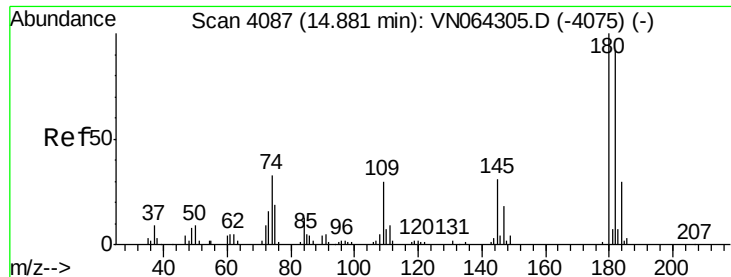
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.815 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.6	55.8	83.8
157	83.1	72.1	108.1





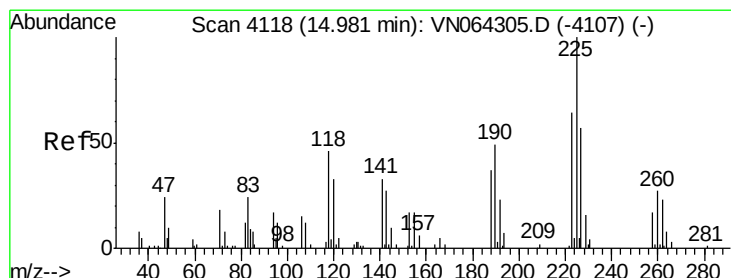
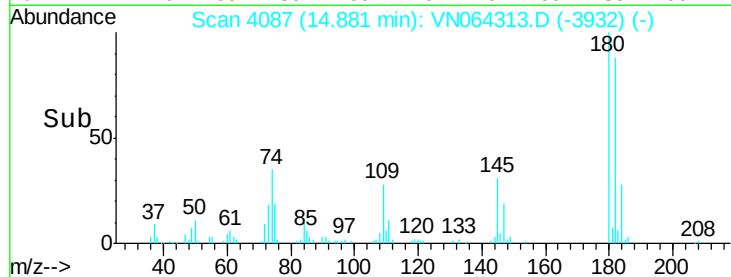
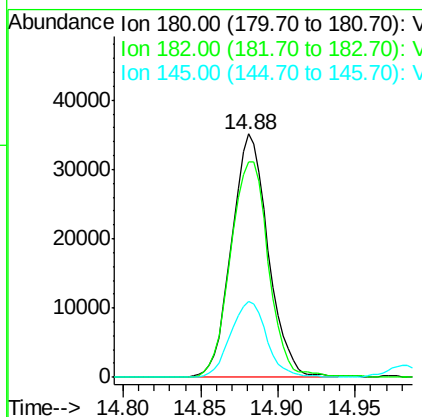
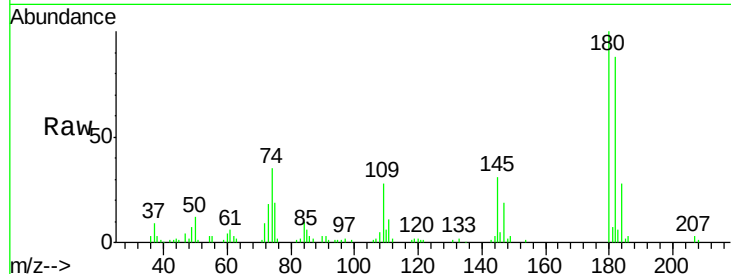
#89
 1,2,4-Trichlorobenzene
 Concen: 16.821 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	57786		
182	90.9	76.6	114.8	
145	30.7	25.4	38.0	

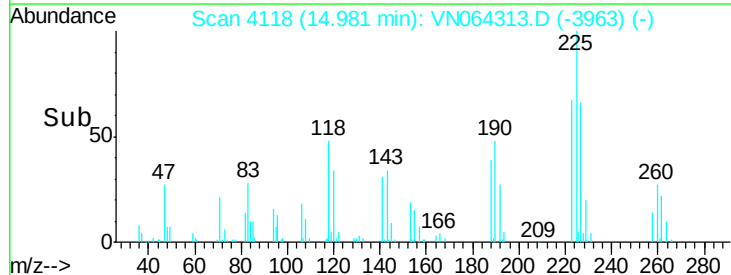
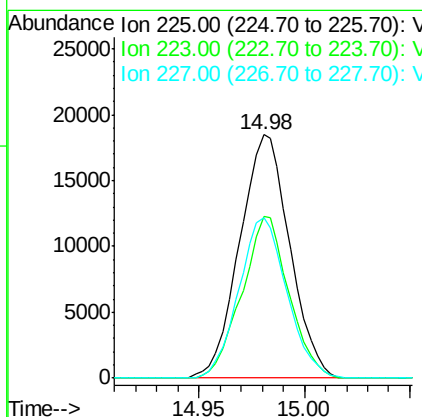
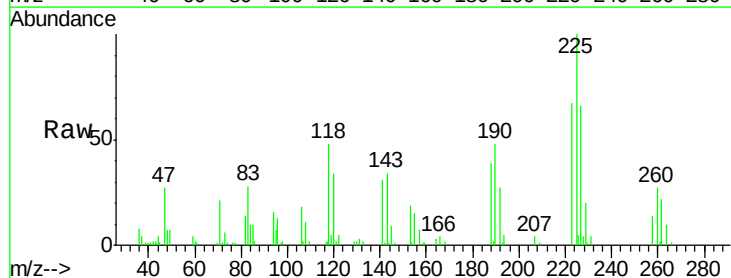
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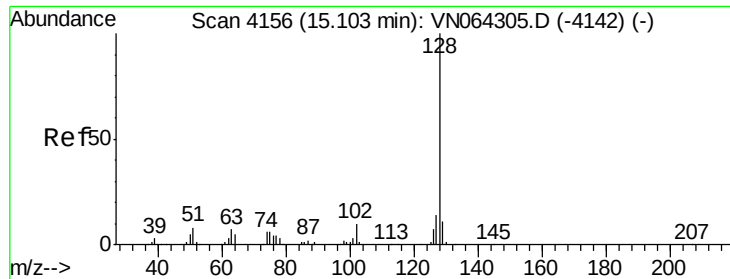
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#90
 Hexachlorobutadiene
 Concen: 16.480 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30471		
223	62.3	0.0	122.0	
227	63.5	0.0	118.0	





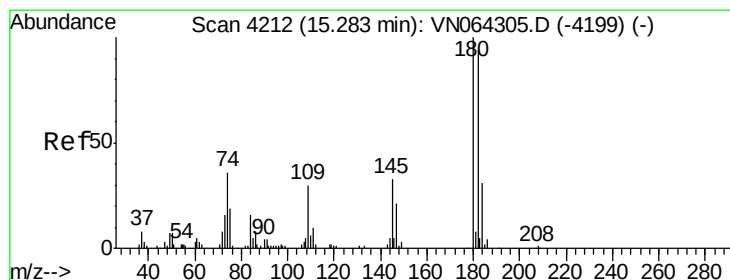
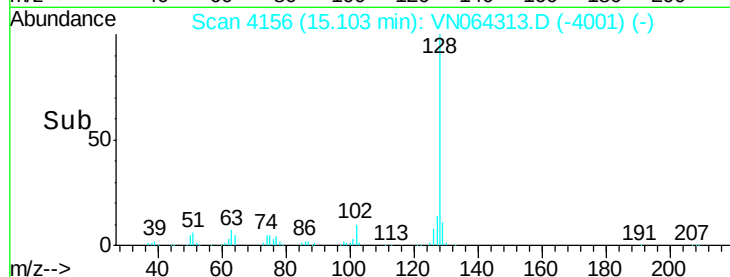
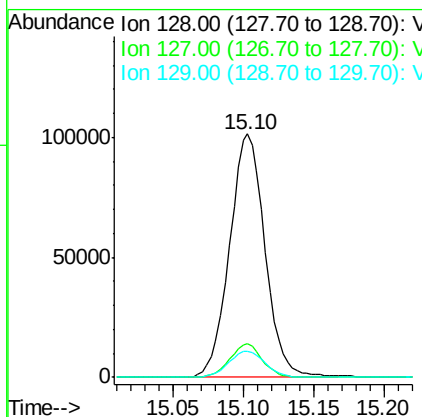
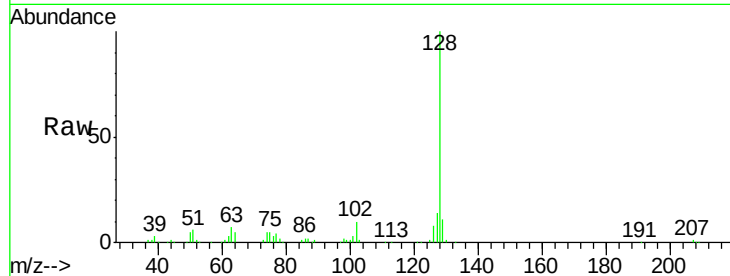
#91
Naphthalene
Concen: 17.173 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	178093		
127	12.6		10.8	16.2
129	11.1		8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 16.419 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	54487		
182	95.8		0.0	190.0
145	34.3		0.0	67.8

