

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064508.D
 Acq On : 9 Nov 2020 15:35
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Manual Integrations
 APPROVED

MMDadoda
 11/10/2020 1:10:37 PM

Quant Time: Nov 10 03:44:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	71083	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	387867	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	353453	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	195997	31.15	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.83%
60) 4-Bromofluorobenzene	12.38	95	180934	29.88	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.60%
63) Toluene-d8	10.06	98	507084	30.76	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.53%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	94372	19.823 ug/l	96
3) Chloromethane	2.04	50	108083	19.896 ug/l	100
4) Vinyl Chloride	2.17	62	116443	19.783 ug/l	100
5) Bromomethane	2.54	94	75328	19.555 ug/l	97
6) Chloroethane	2.68	64	70969	19.308 ug/l	98
7) Trichlorofluoromethane	2.99	101	172154	20.199 ug/l	93
8) Diethyl Ether	3.38	74	60945	20.022 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	80125	19.974 ug/l #	47
10) 1,1-Dichloroethene	3.69	96	74815	19.496 ug/l	94
11) Methyl Iodide	3.91	142	88642	18.737 ug/l	95
12) Methyl Acetate	4.28	43	84795	18.124 ug/l	95
13) Acrolein	3.57	56	38781	81.967 ug/l	99
14) Acrylonitrile	4.93	53	194554	93.499 ug/l	99
15) Acetone	3.78	58	62506	91.022 ug/l	97
16) Carbon Disulfide	4.01	76	223430	19.186 ug/l	99
17) Allyl chloride	4.27	41	142482	19.762 ug/l	95
18) Methylene Chloride	4.50	84	89946	19.739 ug/l	93
19) trans-1,2-Dichloroethene	4.99	96	86305	19.844 ug/l	99
20) Diisopropyl ether	5.90	45	304357	19.388 ug/l	99
21) 1,1-Dichloroethane	5.80	63	171895	19.912 ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	97335	19.747 ug/l	94
23) tert-Butyl Alcohol	4.74	59	67483	94.714 ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	261819	19.290 ug/l #	70
25) Chloroform	7.33	83	182444	20.111 ug/l	100
26) Cyclohexane	7.61	56	129292	19.399 ug/l #	100
29) 1,1-Dichloropropene	7.75	75	129073	19.176 ug/l	99
30) 2-Butanone	6.79	43	294658	88.434 ug/l #	73
31) 2,2-Dichloropropane	6.77	77	158353	19.806 ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	160995	19.500 ug/l	99
33) Carbon Tetrachloride	7.73	117	142676	19.351 ug/l	96
34) Benzene	8.00	78	377492	19.369 ug/l	99
35) Methacrylonitrile	7.13	41	58666	18.821 ug/l	94
36) 1,2-Dichloroethane	8.08	62	157375	19.677 ug/l	100
37) Trichloroethene	8.80	130	94799	19.238 ug/l	95
38) Methylcyclohexane	9.05	83	116206	19.087 ug/l	99
39) 1,2-Dichloropropane	9.08	63	102025	19.483 ug/l	97
40) Dibromomethane	9.17	93	67735	19.173 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	9.37	83	145316	18.979	ug/l	99
42) Vinyl Acetate	5.84	43	1252812	93.921	ug/l	100
43) Ethyl Acetate	6.89	43	122522	18.898	ug/l #	93
44) Isopropyl Acetate	8.13	43	205579	18.369	ug/l	94
45) 1,4-Dioxane	9.17	88	27444	349.807	ug/l	96
46) Methyl methacrylate	9.16	41	105678	18.987	ug/l	99
47) n-amyl Acetate	12.04	43	170851	17.647	ug/l	97
48) t-1,3-Dichloropropene	10.35	75	152060	18.740	ug/l	97
49) cis-1,3-Dichloropropene	9.81	75	161572	18.951	ug/l	98
50) 1,1,2-Trichloroethane	10.53	97	91431	18.877	ug/l	97
51) Ethyl methacrylate	10.40	69	125183	18.036	ug/l	97
52) 1,3-Dichloropropane	10.68	76	158115	19.002	ug/l	99
53) Dibromochloromethane	10.87	129	105124	18.952	ug/l	97
54) 1,2-Dibromoethane	10.98	107	93543	18.882	ug/l	98
55) 2-Chloroethyl vinyl ether	9.66	63	246967	67.994	ug/l	99
56) Bromoform	12.10	173	64859	17.818	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	611472	94.206	ug/l	99
59) 2-Hexanone	10.72	43	455770	93.228	ug/l	99
61) Tetrachloroethene	10.60	164	88179	19.959	ug/l	97
62) Toluene	10.12	91	408816	19.695	ug/l	100
64) Chlorobenzene	11.41	112	242545	19.658	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	94093	19.508	ug/l	99
66) Ethyl Benzene	11.48	91	437562	19.532	ug/l	99
67) m/p-Xylenes	11.59	106	324072	39.194	ug/l	97
68) o-Xylene	11.92	106	151619	19.377	ug/l	96
69) Styrene	11.94	104	262889	19.618	ug/l	99
70) Isopropylbenzene	12.22	105	403178	19.686	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	125412	19.121	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	117834m	18.014	ug/l	
73) Bromobenzene	12.50	156	95576	18.865	ug/l	98
74) n-propylbenzene	12.56	91	479964	19.924	ug/l	100
75) 2-Chlorotoluene	12.65	91	298568	19.712	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	340280	19.682	ug/l	97
77) t-1,4-Dichloro-2-butene	12.27	75	41340	17.334	ug/l	94
78) 4-Chlorotoluene	12.75	91	311144	19.550	ug/l	100
79) tert-butylbenzene	12.97	119	270200	19.914	ug/l	95
80) 1,2,4-Trimethylbenzene	13.01	105	342240	19.643	ug/l	100
81) sec-Butylbenzene	13.14	105	353371	19.648	ug/l	100
82) p-Isopropyltoluene	13.26	119	313369	19.503	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	172121	19.312	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	168922	19.056	ug/l	98
85) n-Butylbenzene	13.59	91	274218	19.685	ug/l	99
86) Hexachloroethane	13.85	117	60661	18.946	ug/l	99
87) 1,2-Dichlorobenzene	13.63	146	169318	19.505	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	26115	18.430	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	71101	18.040	ug/l	98
90) Hexachlorobutadiene	14.98	225	38192	19.455	ug/l	98
91) Naphthalene	15.10	128	218832	16.784	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	73195	18.350	ug/l	96

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

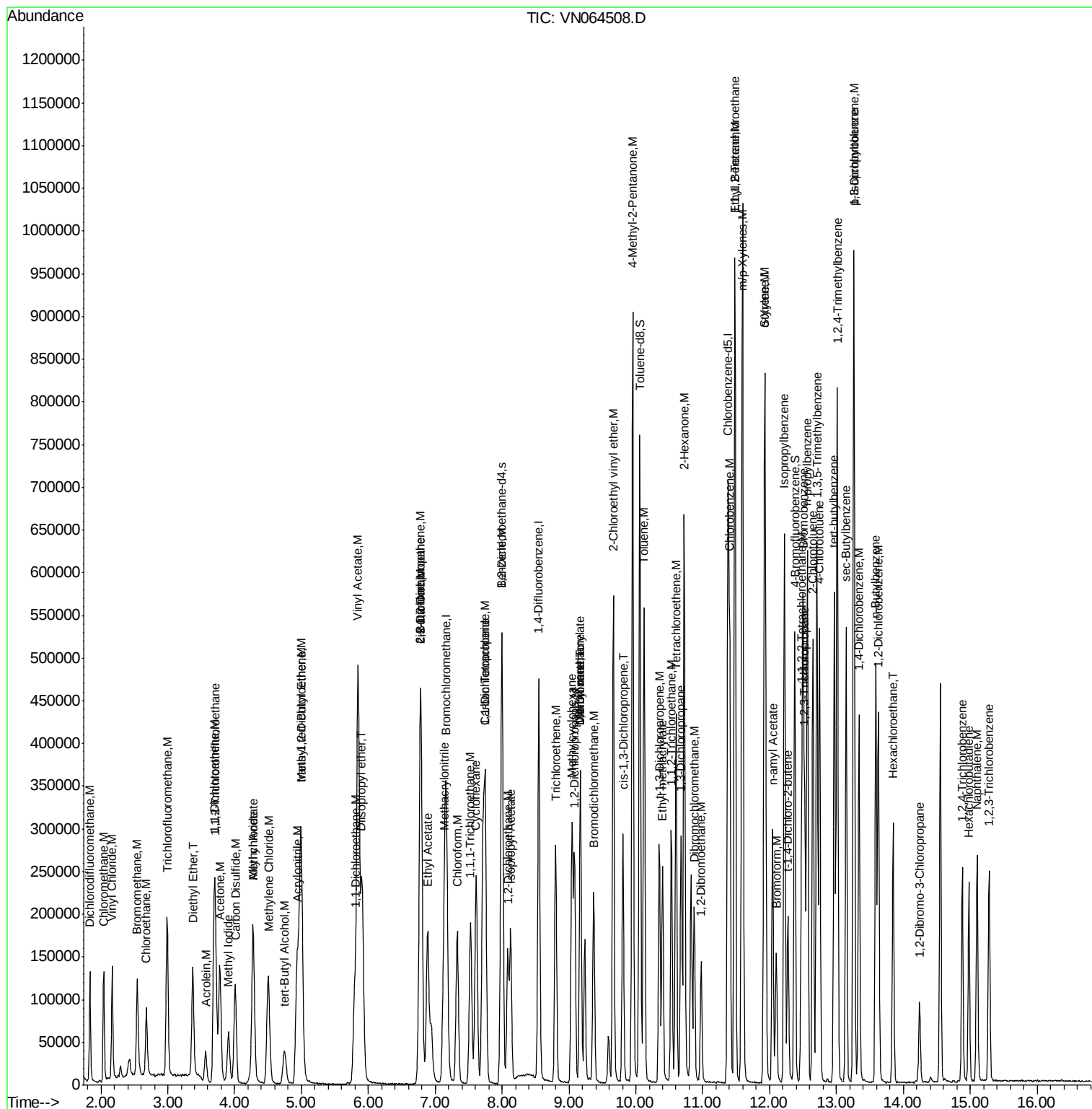
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
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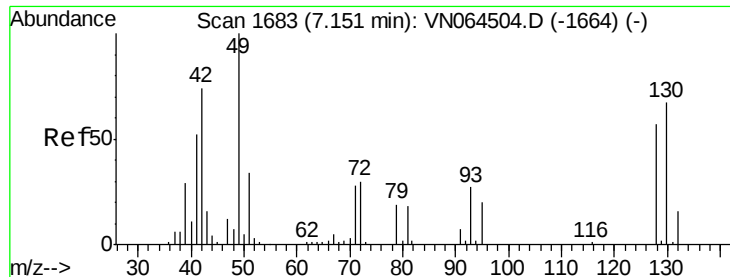
Instrument :
MSVOA_N
Client Sampled :
ICVVN110920

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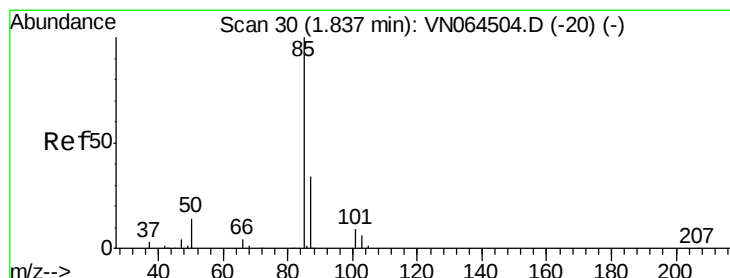
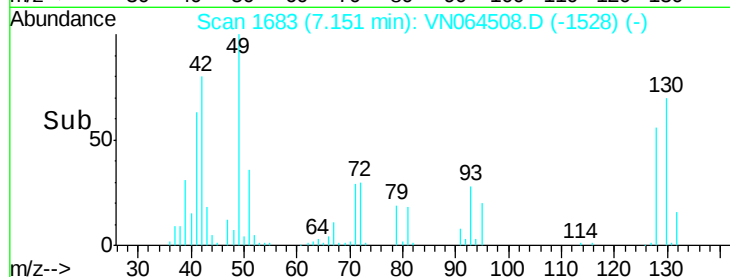
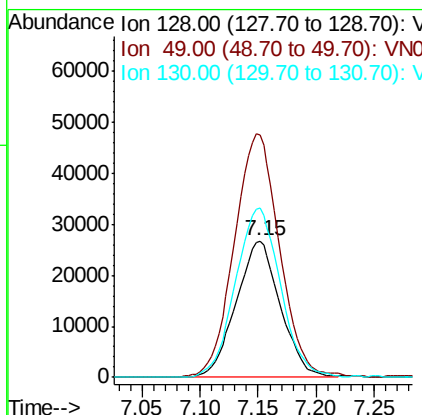
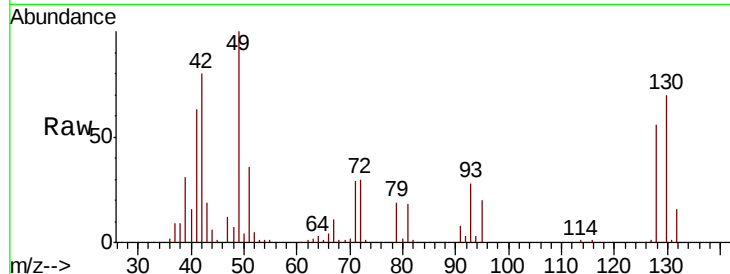
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

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ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
128	100		
49	182.3	0.0	475.5
130	126.2	0.0	315.3

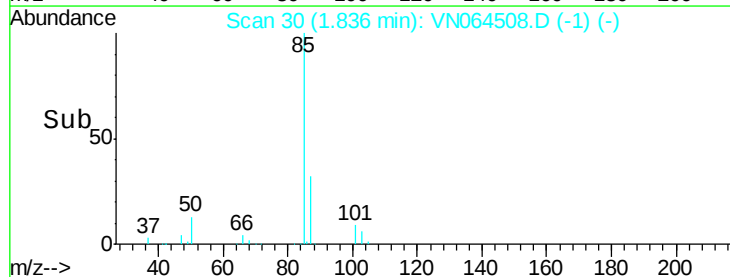
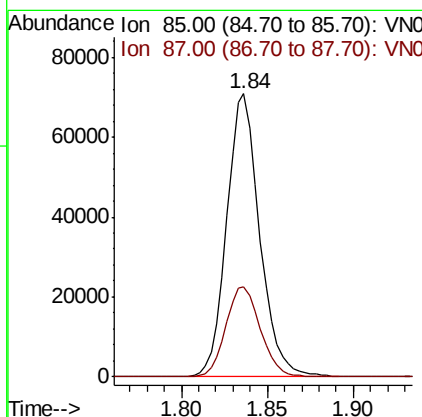
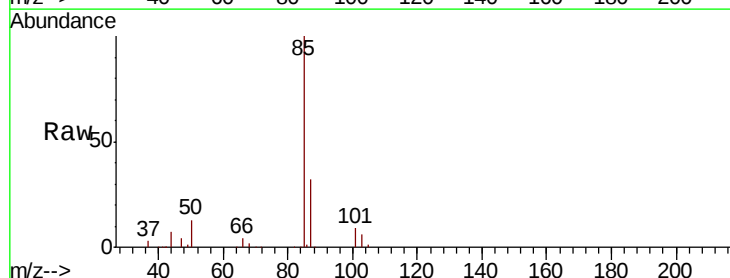
Manual Integrations
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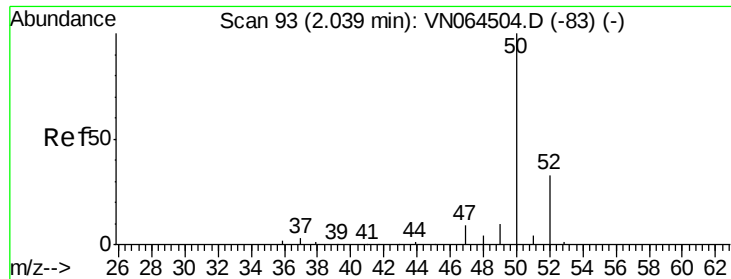
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#2
Dichlorodifluoromethane
Concen: 19.823 ug/l
RT: 1.84 min Scan# 30
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.7	17.0	50.9





#3

Chloromethane

Concen: 19.896 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110920

Tot Ion: 50 Resp: 108083

Ion Ratio Lower Upper

50 100

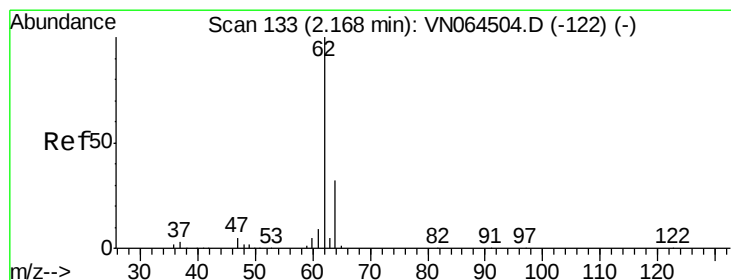
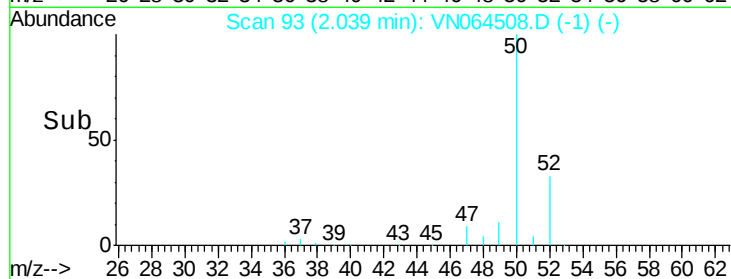
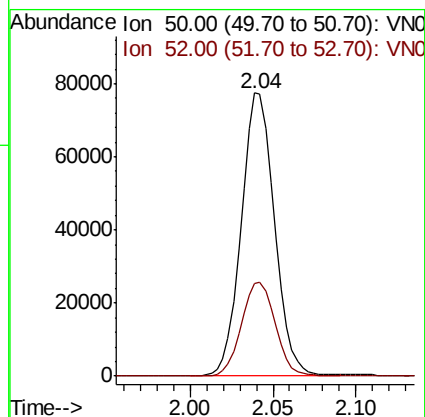
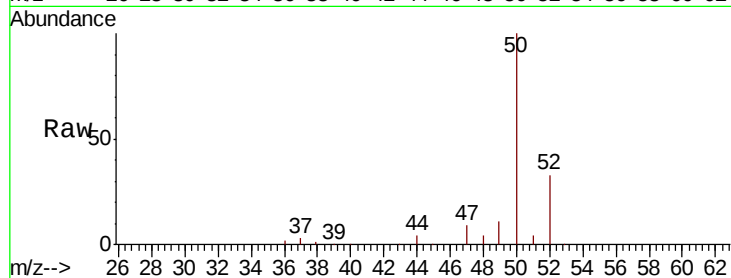
52 32.8 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.783 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064508.D

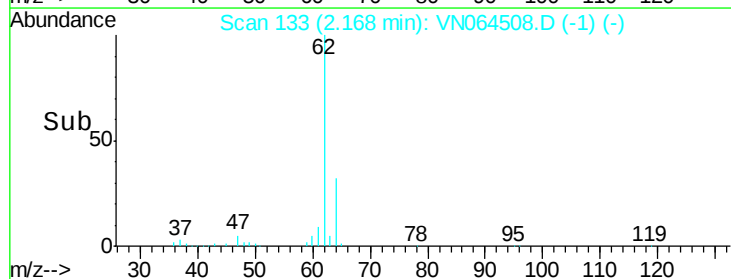
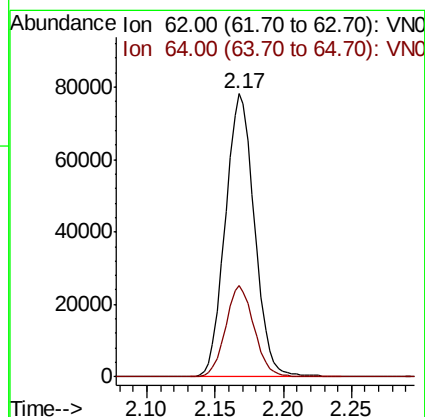
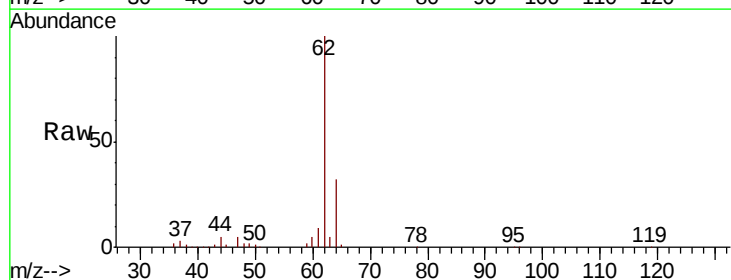
Acq: 9 Nov 2020 15:35

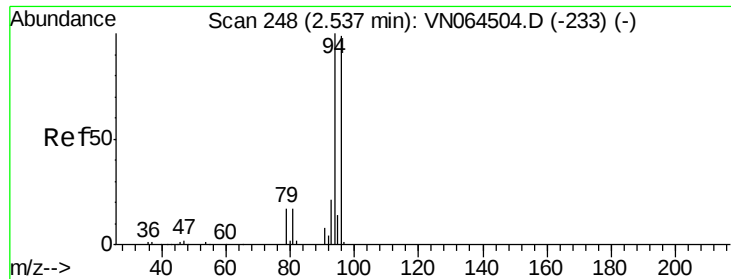
Tgt Ion: 62 Resp: 116443

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8





#5

Bromomethane

Concen: 19.555 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110920

Tot Ion: 94 Resp: 75328

Ion Ratio Lower Upper

94 100

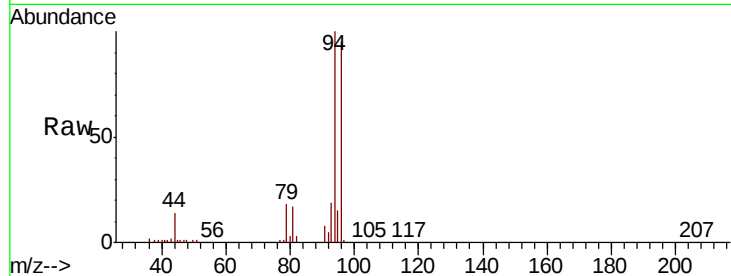
96 95.7 79.3 118.9

Manual Integrations

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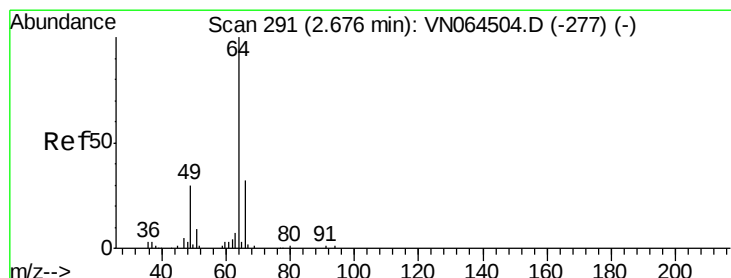
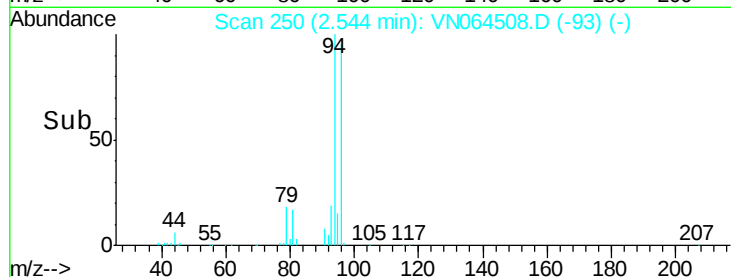
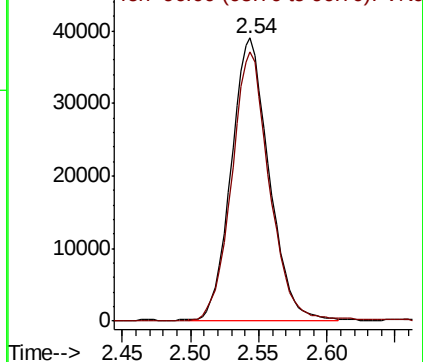
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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 19.308 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064508.D

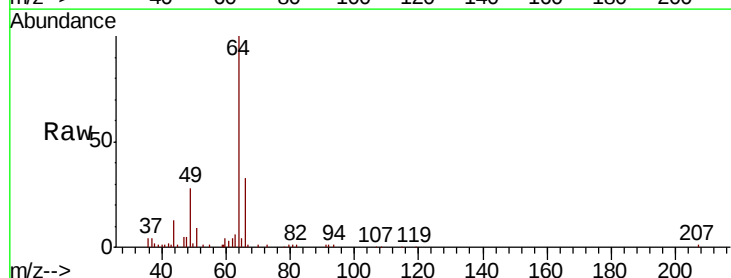
Acq: 9 Nov 2020 15:35

Tgt Ion: 64 Resp: 70969

Ion Ratio Lower Upper

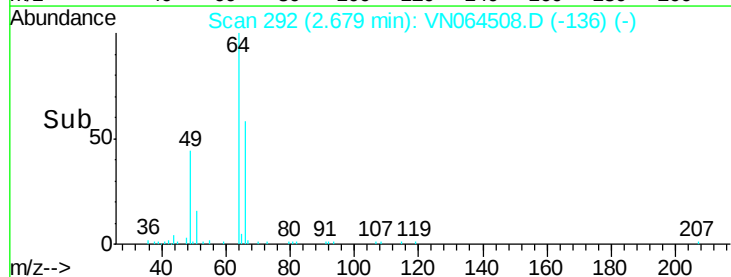
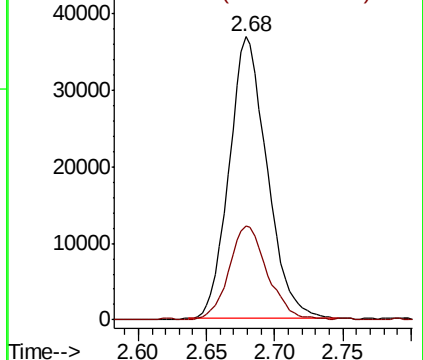
64 100

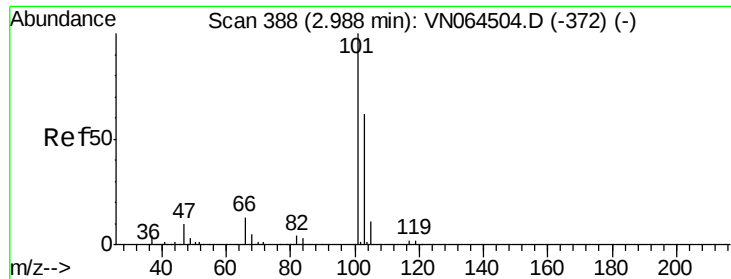
66 33.4 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0





#7

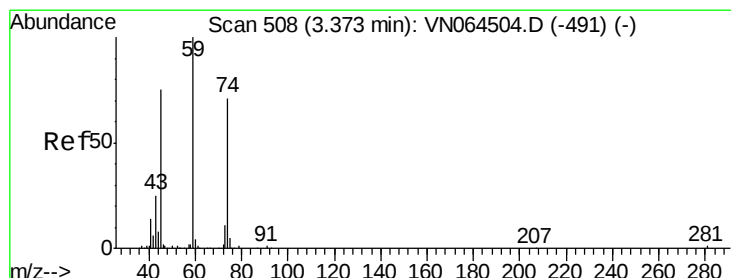
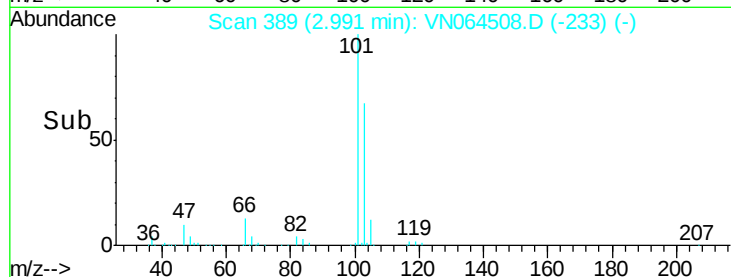
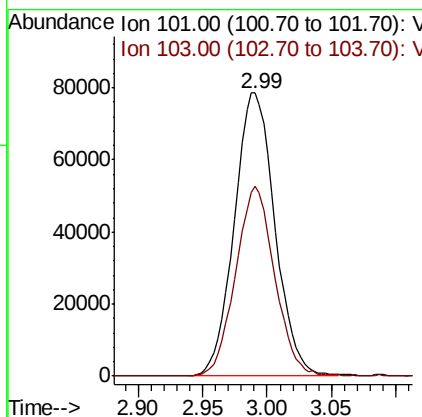
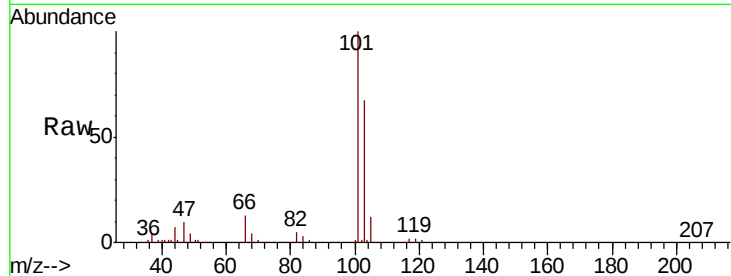
Trichlorofluoromethane
Concen: 20.199 ug/l
RT: 2.99 min Scan# 389
Delta R.T. 0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	67.1	49.3	73.9

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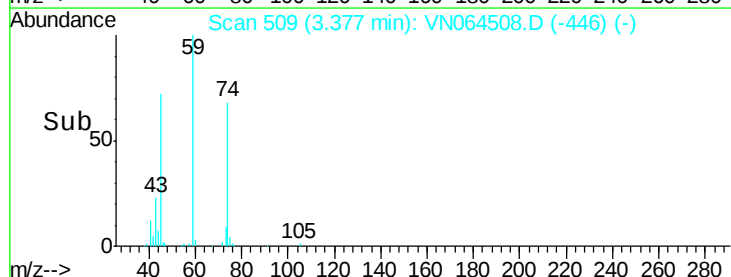
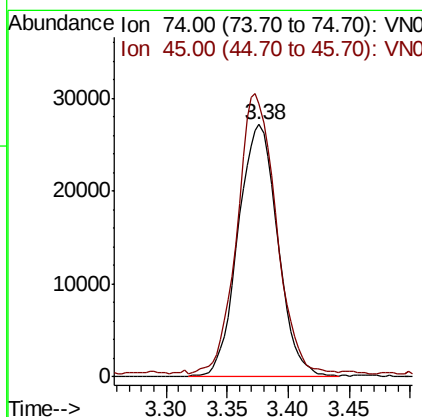
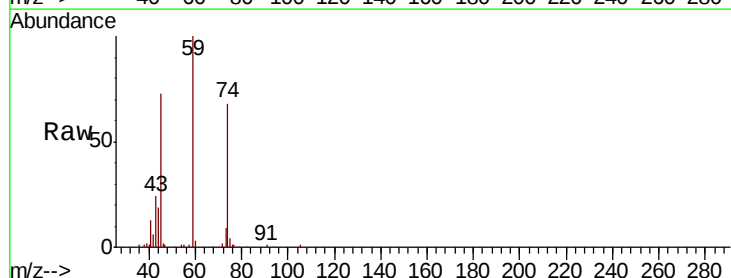
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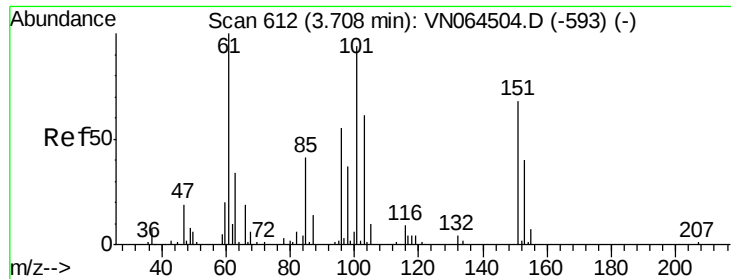


#8

Diethyl Ether
Concen: 20.022 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	110.9	22.1	198.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.974 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.01 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

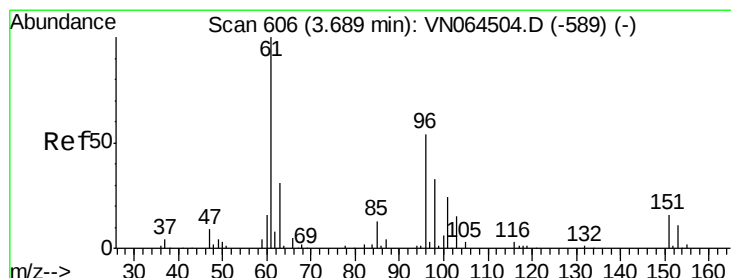
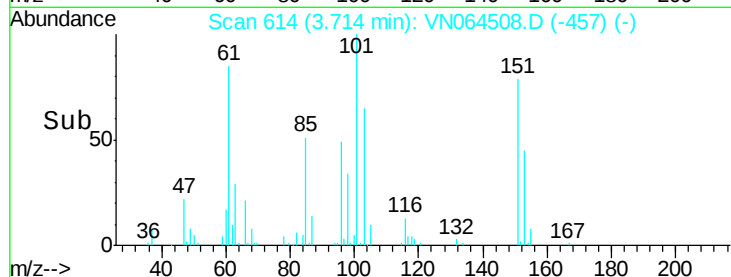
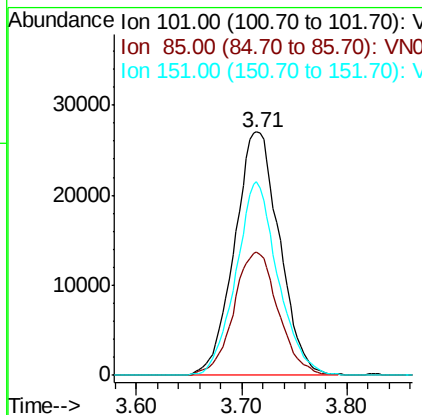
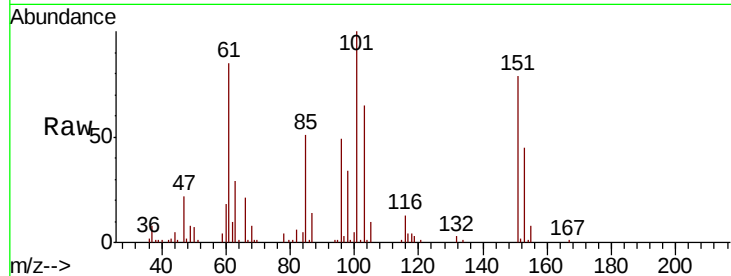
ClientSampleId :

ICVVN110920

Tot Ion:	101	Resp:	80125
Ion Ratio		Lower	Upper
101	100		
85	49.9	0.0	49.0#
151	74.1	0.0	80.2

Manual Integrations
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MMDadoda
11/10/2020 1:10:37 PM



#10

1,1-Dichloroethene

Concen: 19.496 ug/l

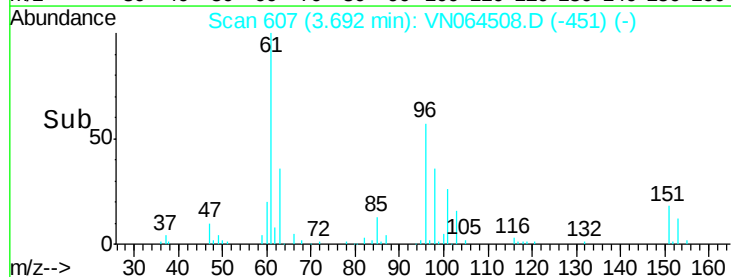
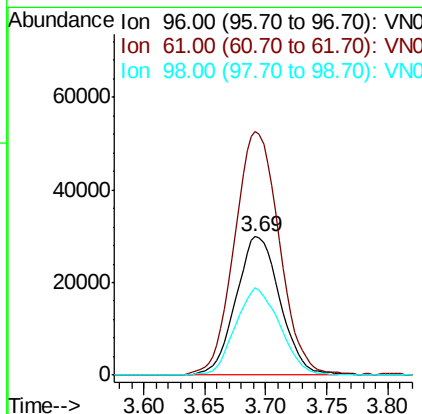
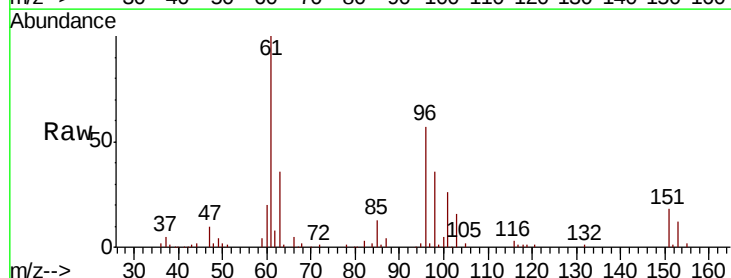
RT: 3.69 min Scan# 607

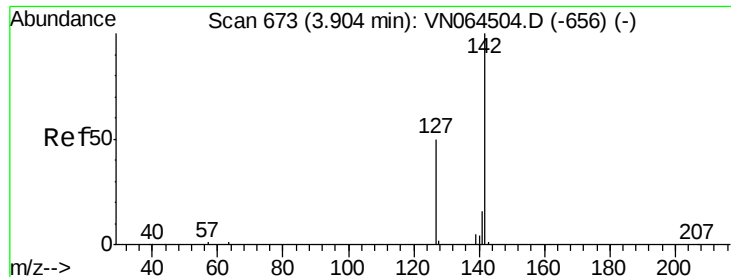
Delta R.T. 0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Tgt Ion:	96	Resp:	74815
Ion Ratio		Lower	Upper
96	100		
61	174.5	149.2	223.8
98	62.8	49.6	74.4





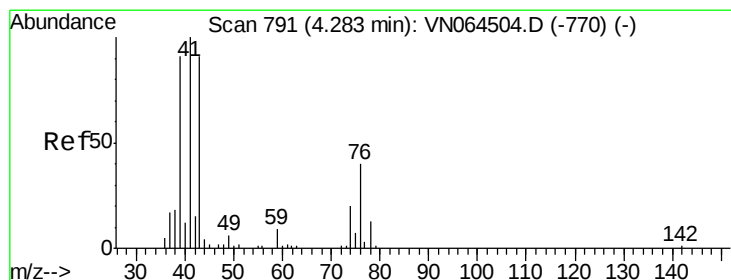
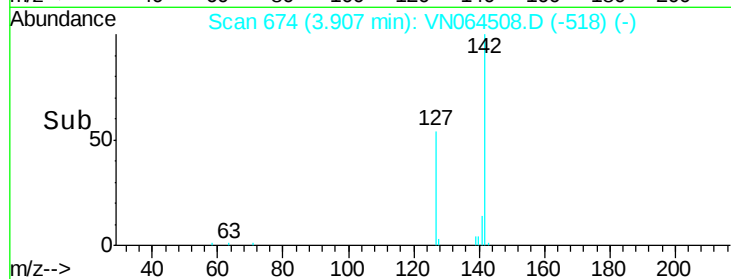
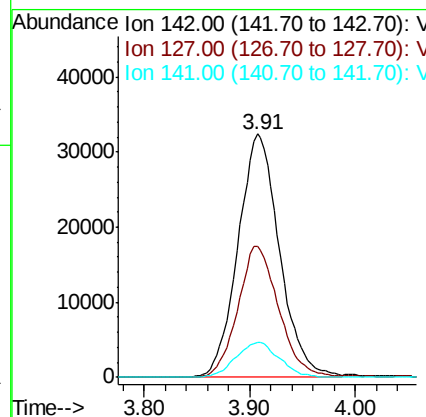
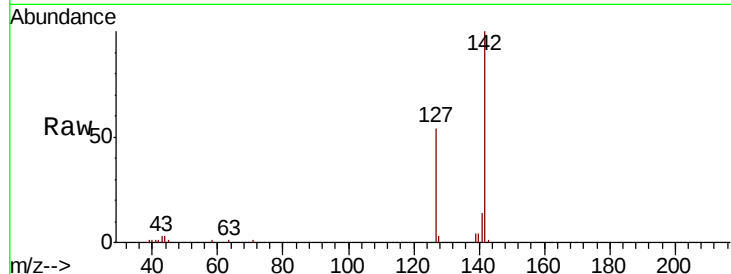
#11
Methyl Iodide
Concen: 18.737 ug/l
RT: 3.91 min Scan# 674
Delta R.T. 0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
142	100		
127	53.8	24.7	74.1
141	14.4	7.8	23.3

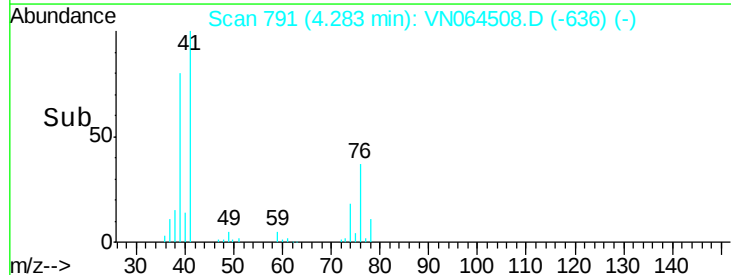
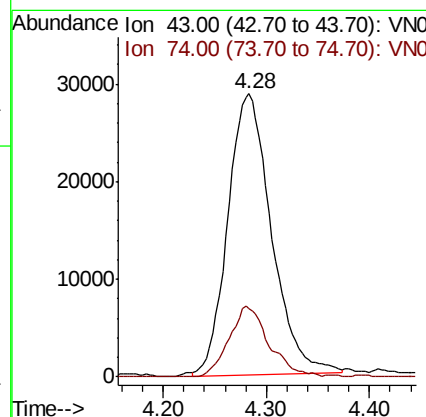
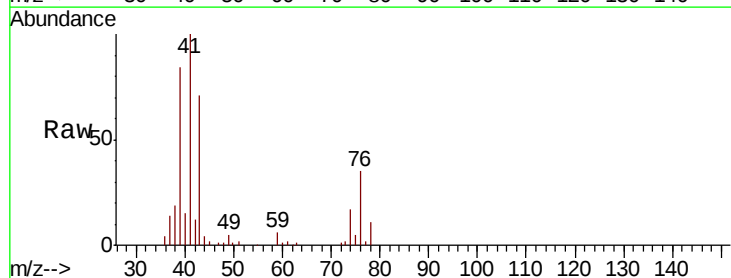
Manual Integrations
APPROVED

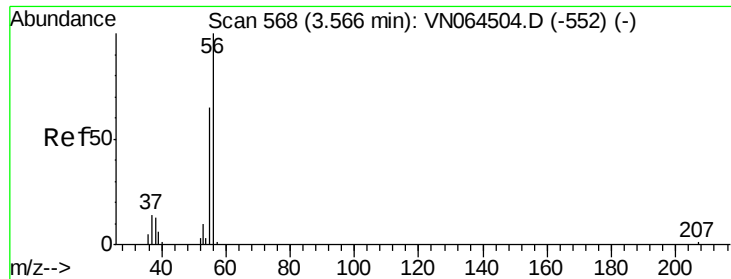
MMDadoda
11/10/2020 1:10:37 PM



#12
Methyl Acetate
Concen: 18.124 ug/l
RT: 4.28 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	17.7	26.5





#13

Acrolein

Concen: 81.967 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110920

Tot Ion: 56 Resp: 38781

Ion Ratio Lower Upper

56 100

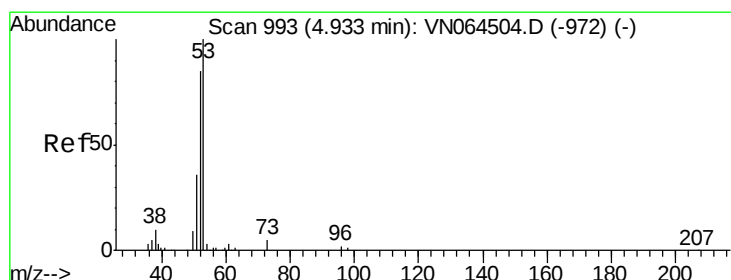
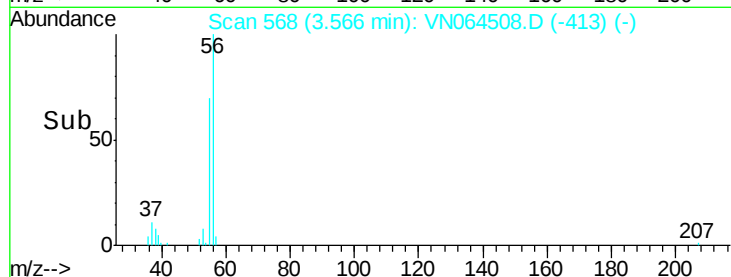
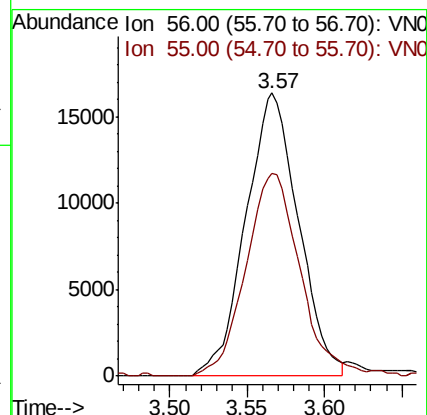
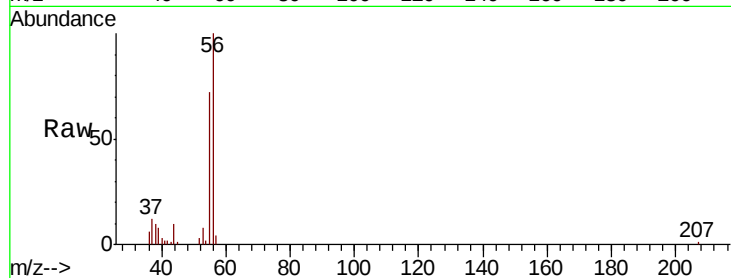
55 73.5 58.2 87.2

Manual Integrations

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MMDadoda

11/10/2020 1:10:37 PM



#14

Acrylonitrile

Concen: 93.499 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

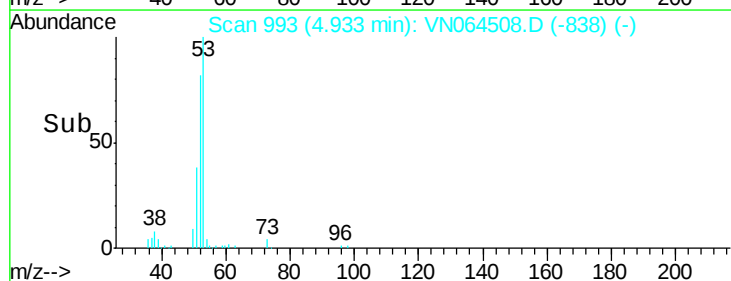
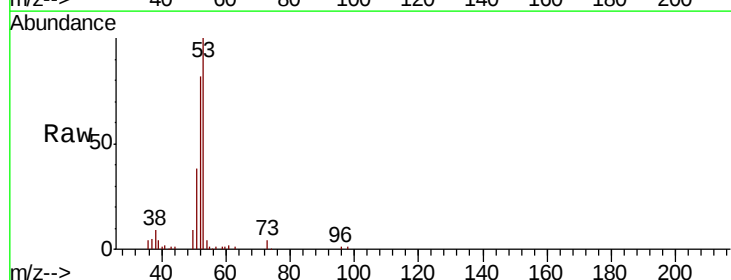
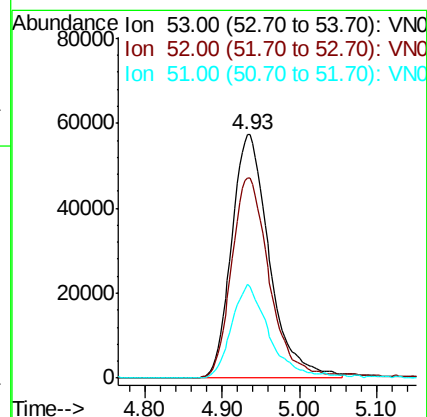
Tgt Ion: 53 Resp: 194554

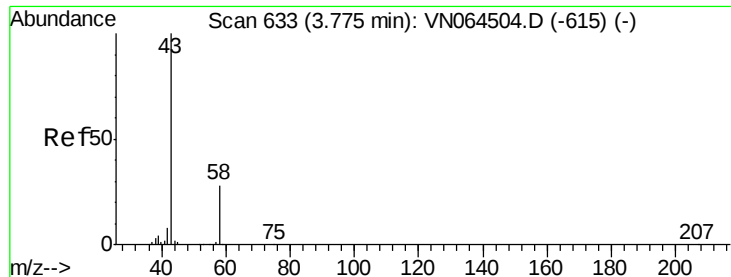
Ion Ratio Lower Upper

53 100

52 81.1 41.3 124.1

51 37.5 18.9 56.5





#15

Acetone

Concen: 91.022 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110920

Tot Ion: 58 Resp: 62506

Ion Ratio Lower Upper

58 100

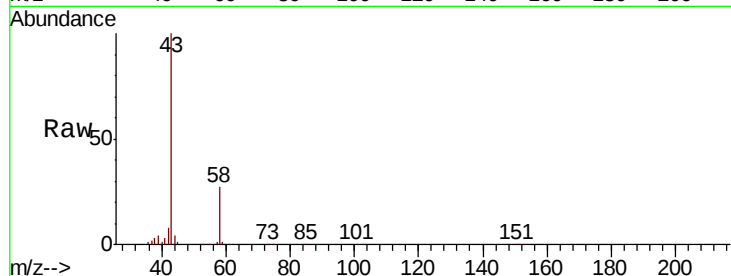
43 368.7 289.8 434.8

Manual Integrations

APPROVED

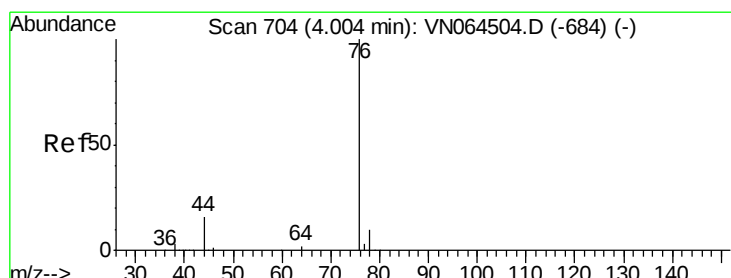
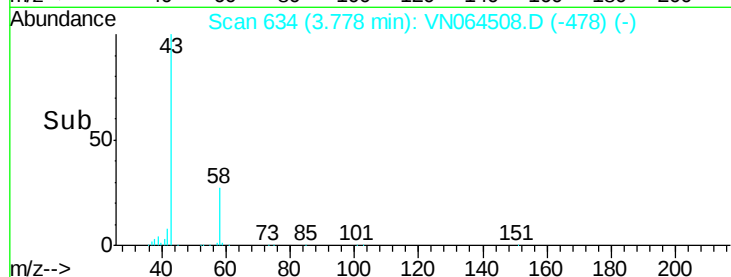
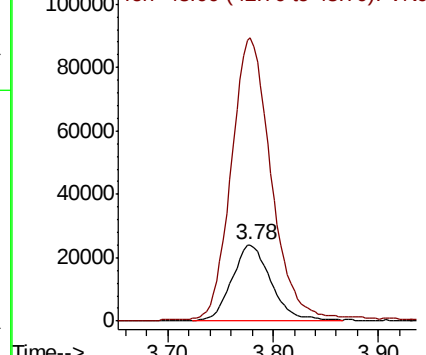
MMDadoda

11/10/2020 1:10:37 PM



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.186 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064508.D

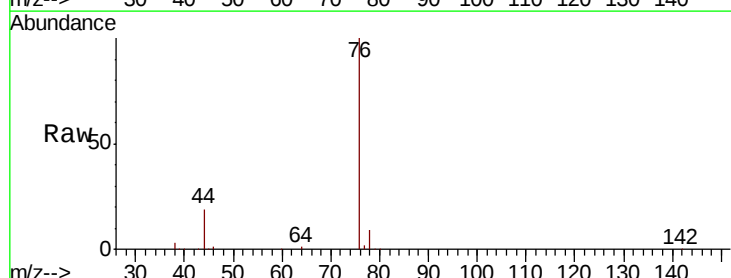
Acq: 9 Nov 2020 15:35

Tgt Ion: 76 Resp: 223430

Ion Ratio Lower Upper

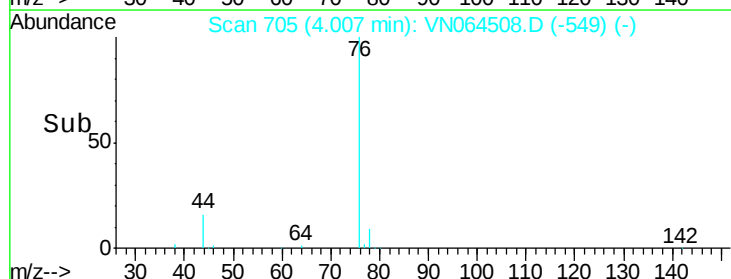
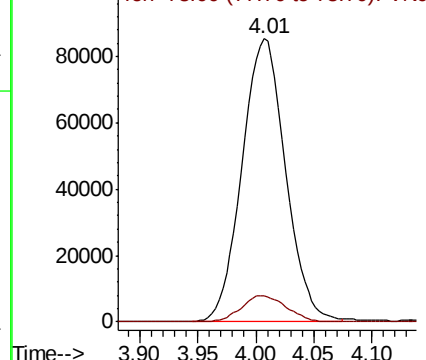
76 100

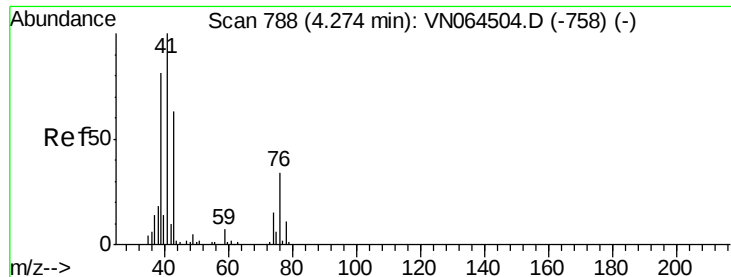
78 9.3 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





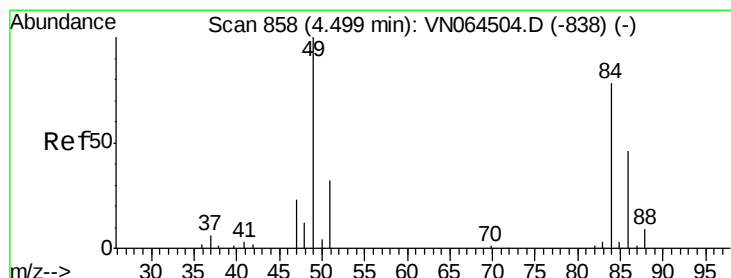
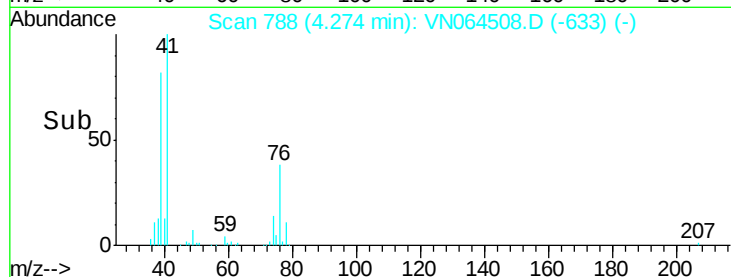
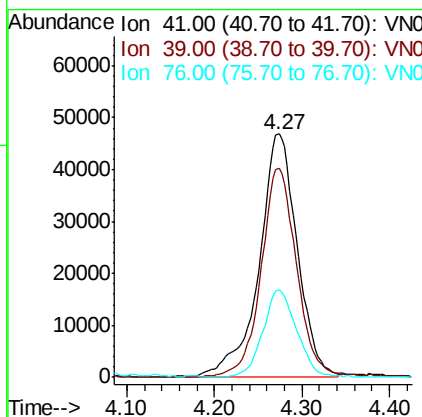
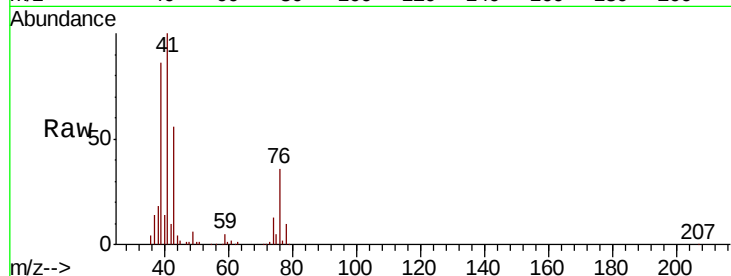
#17
Allvl chloride
Concen: 19.762 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
41	100		
39	86.1	40.3	120.8
76	35.5	16.8	50.3

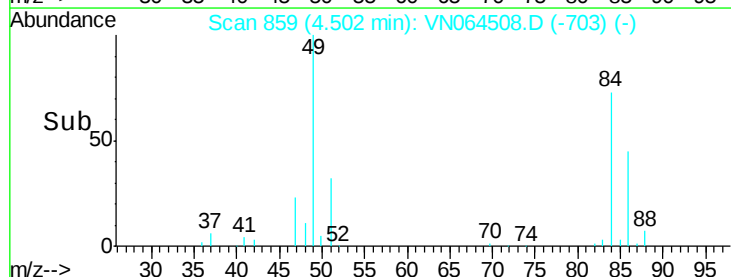
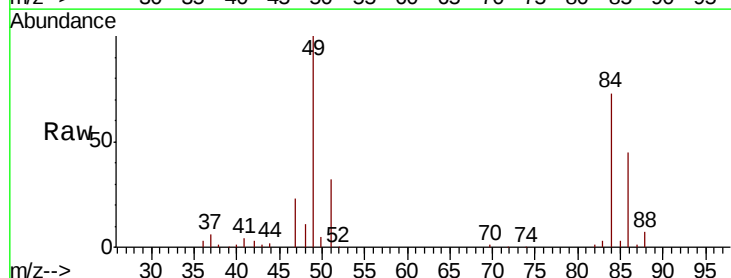
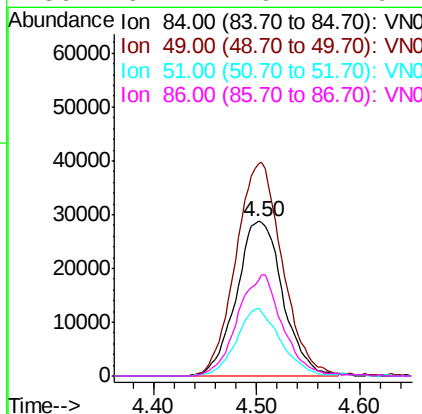
Manual Integrations
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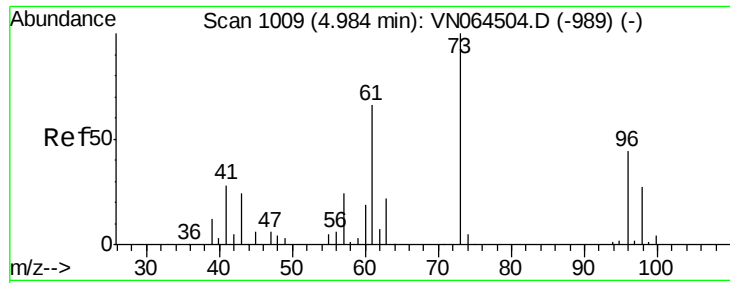
MMDadoda
11/10/2020 1:10:37 PM



#18
Methylene Chloride
Concen: 19.739 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.4	102.1	153.1
51	43.6	32.6	48.8
86	62.4	46.7	70.1





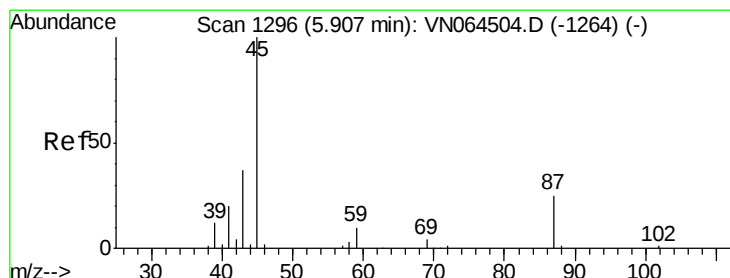
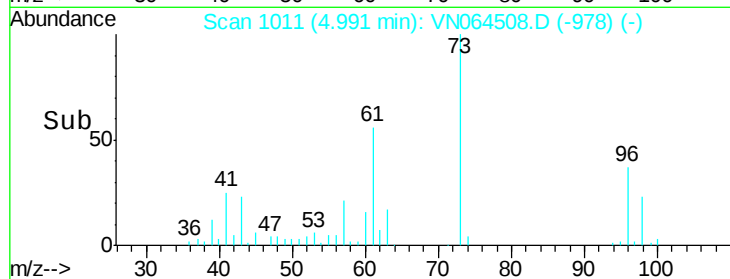
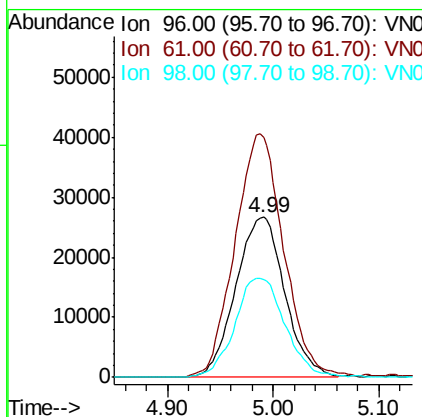
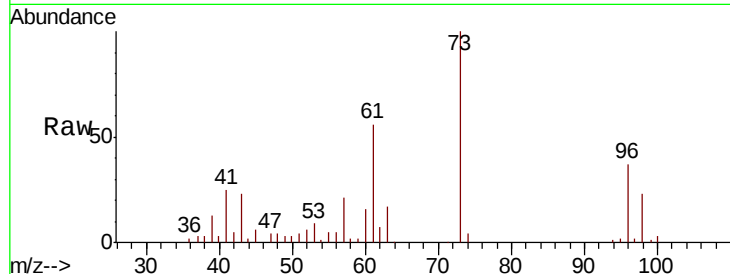
#19
trans-1,2-Dichloroethene
Concen: 19.844 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	148.8	120.1	180.1	
98	60.9	49.1	73.7	

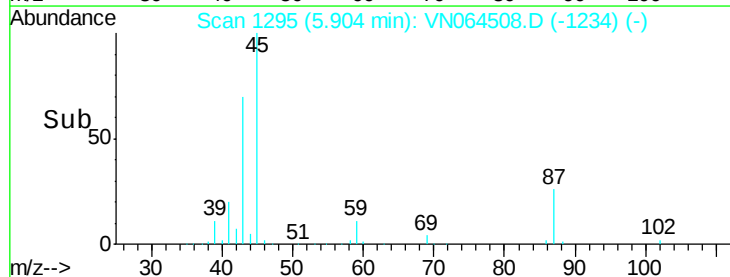
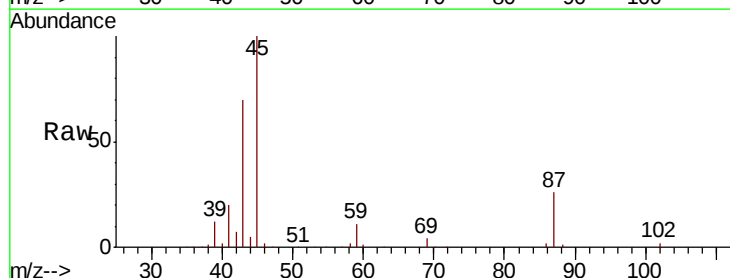
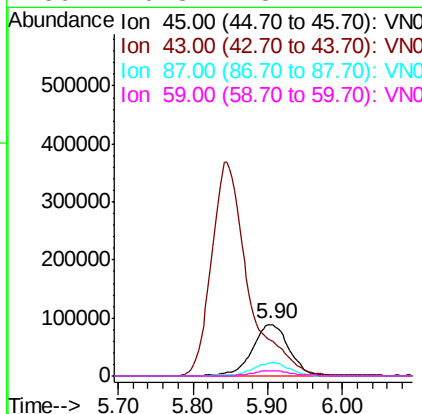
Manual Integrations
APPROVED

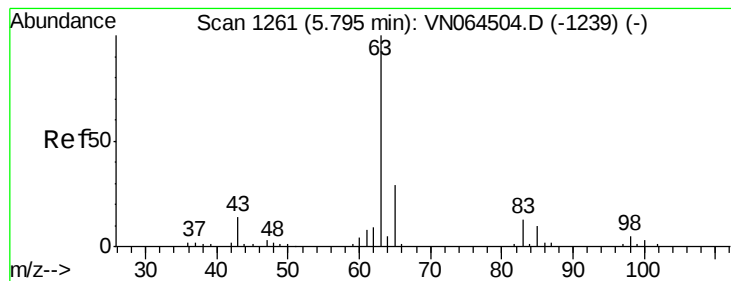
MMDadoda
11/10/2020 1:10:37 PM



#20
Diisopropyl ether
Concen: 19.388 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	67.1	53.1	79.7	
87	25.3	21.0	31.6	
59	10.3	8.2	12.4	





#21

1,1-Dichloroethane

Concen: 19.912 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

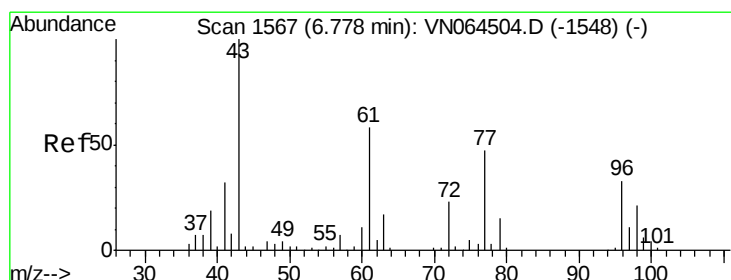
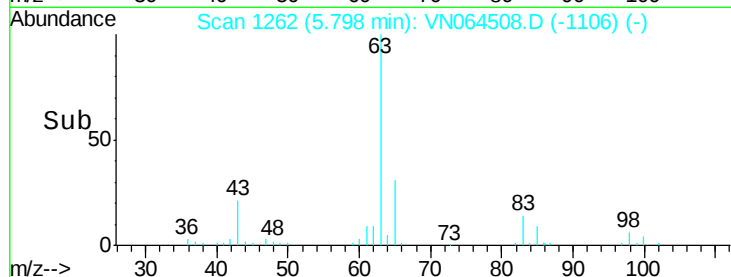
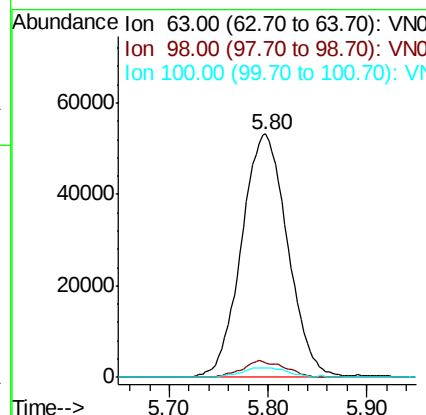
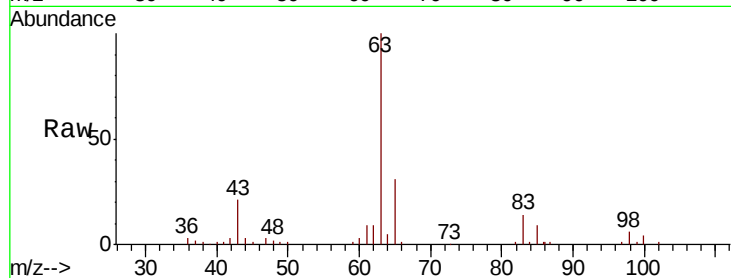
ClientSampleId :

ICVVN110920

Tot Ion:	63	Resp:	171895
Ion Ratio	Lower	Upper	
63	100		
98	6.2	2.6	8.0
100	3.6	1.7	5.1

Manual Integrations
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MMDadoda
11/10/2020 1:10:37 PM



#22

cis-1,2-Dichloroethene

Concen: 19.747 ug/l

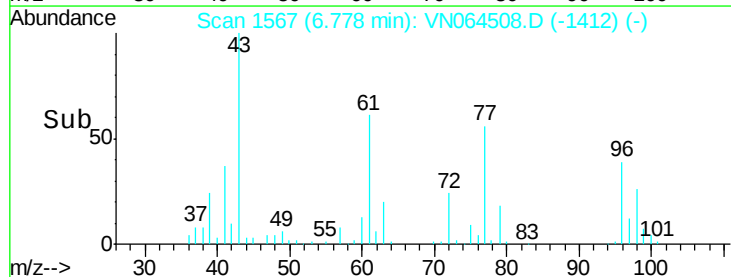
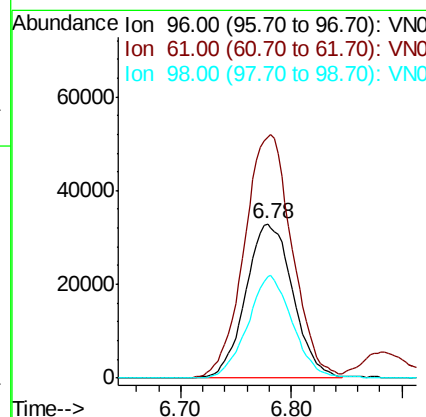
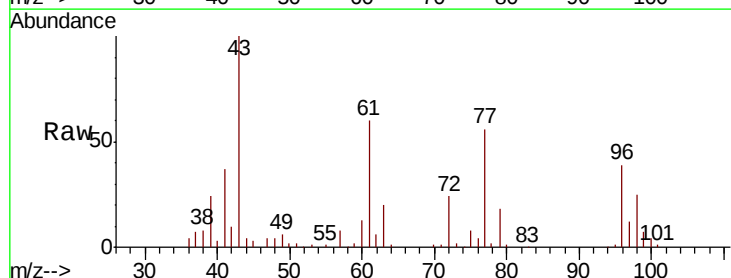
RT: 6.78 min Scan# 1567

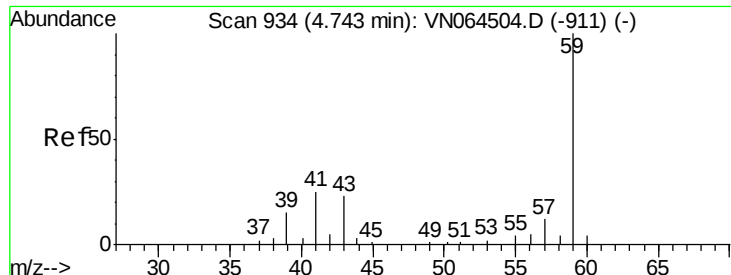
Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Tgt Ion:	96	Resp:	97335
Ion Ratio	Lower	Upper	
96	100		
61	160.2	136.1	204.1
98	62.6	51.8	77.8





#23

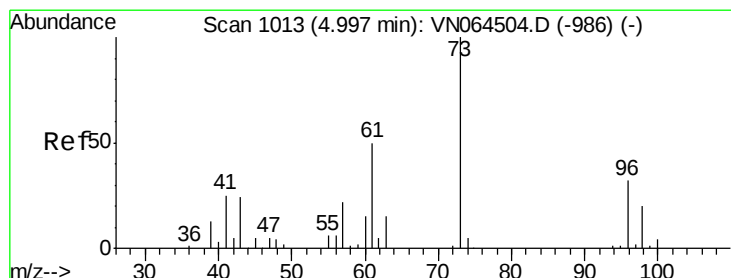
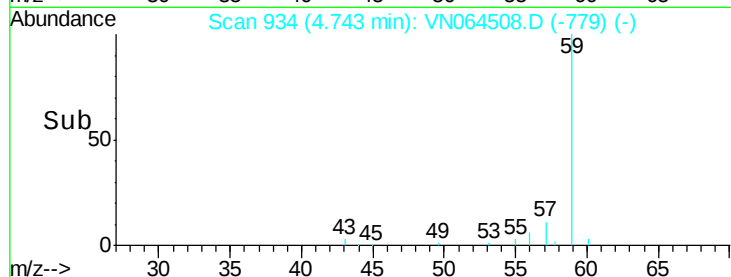
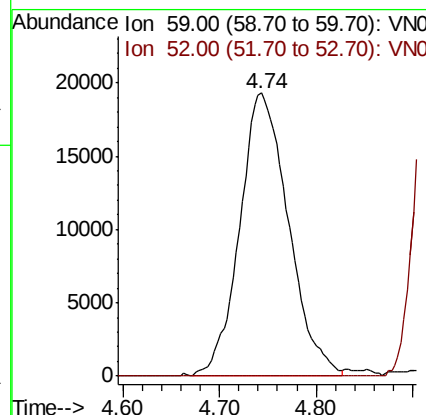
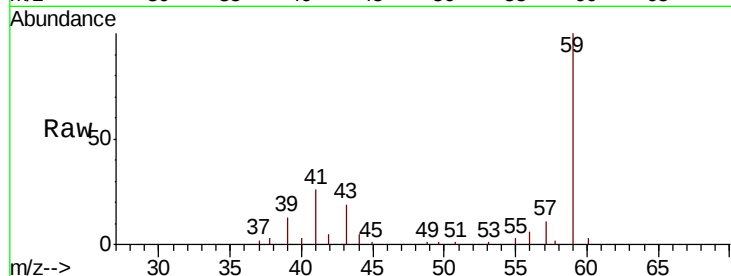
tert-Butyl Alcohol
 Concen: 94.714 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Tot Ion	59.00 (58.70 to 59.70): VN0	Resp	67483
Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Manual Integrations
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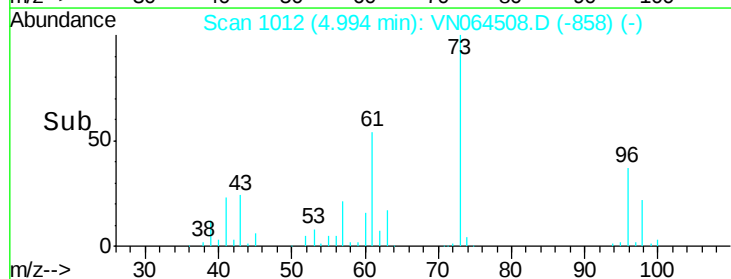
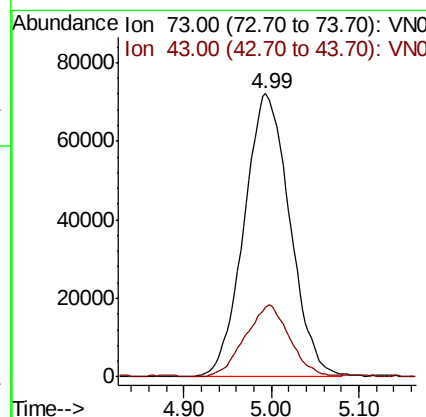
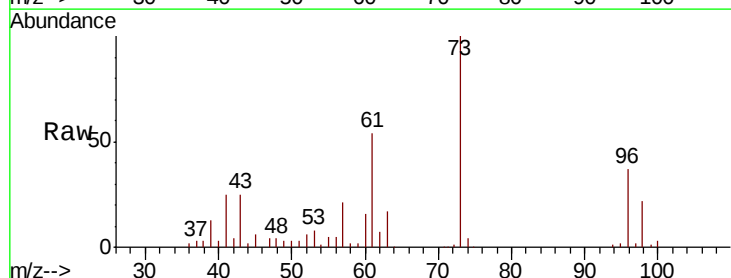
MMDadoda
 11/10/2020 1:10:37 PM

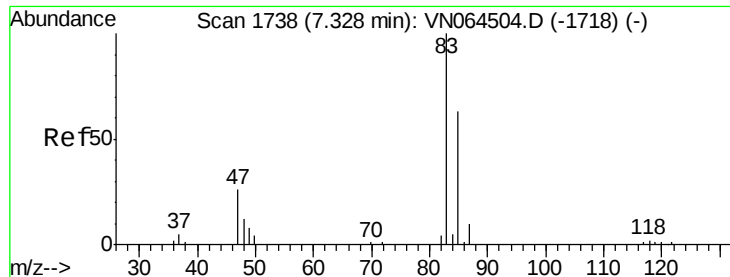


#24

Methyl tert-Butyl Ether
 Concen: 19.290 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion	73.00 (72.70 to 73.70): VN0	Resp	261819
Ion	Ratio	Lower	Upper
73	100		
43	24.4	10.2	15.2#





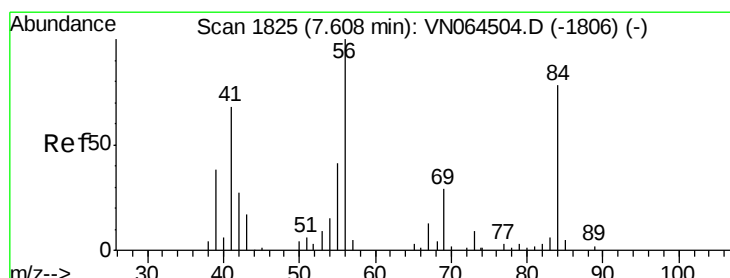
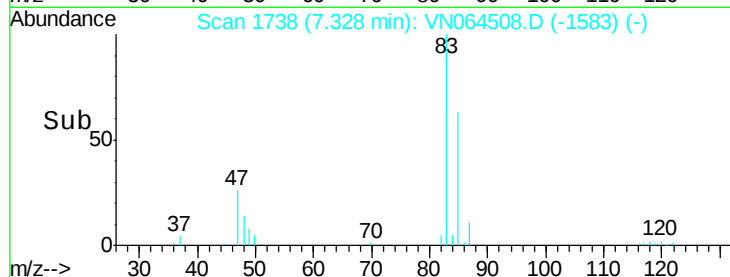
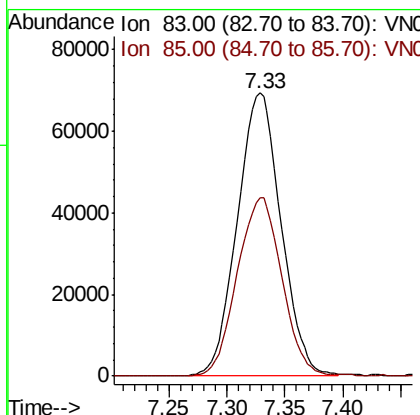
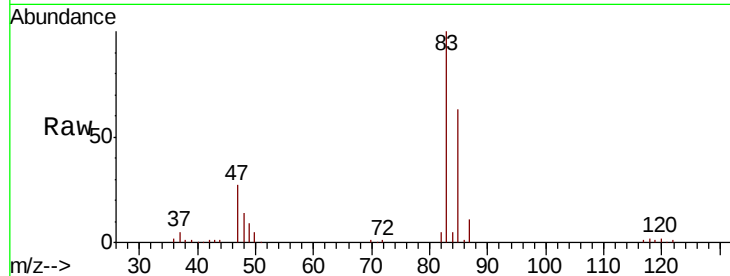
#25
Chloroform
Concen: 20.111 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	83	Resp	182444
Ion Ratio	100	Lower	Upper
85	63.2	50.6	75.8

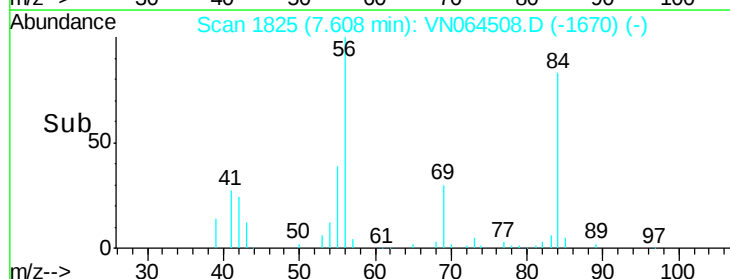
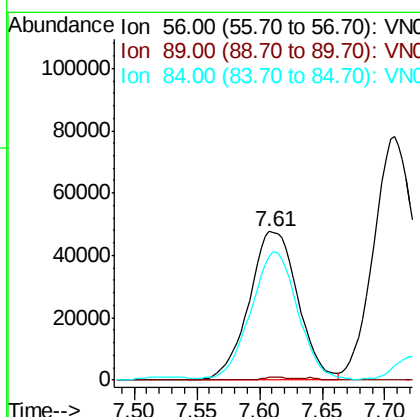
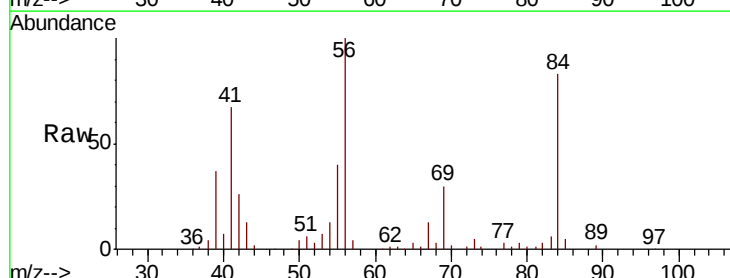
Manual Integrations
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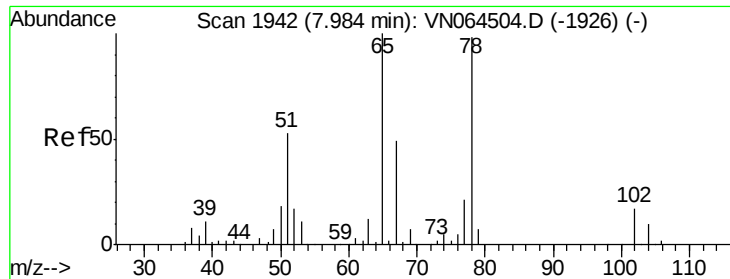
MMDadoda
11/10/2020 1:10:37 PM



#26
Cyclohexane
Concen: 19.399 ug/l
RT: 7.61 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	56	Resp	129292
Ion Ratio	100	Lower	Upper
89	1.3	0.6	0.8#
84	82.2	66.1	99.1





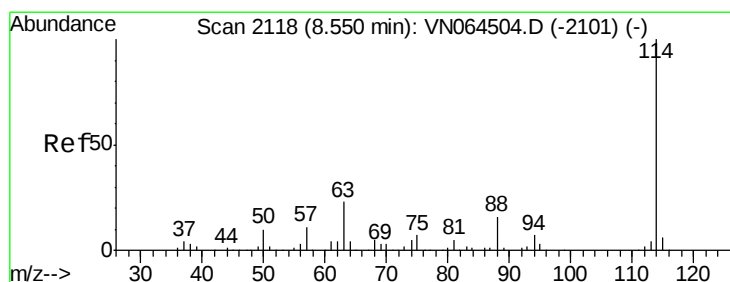
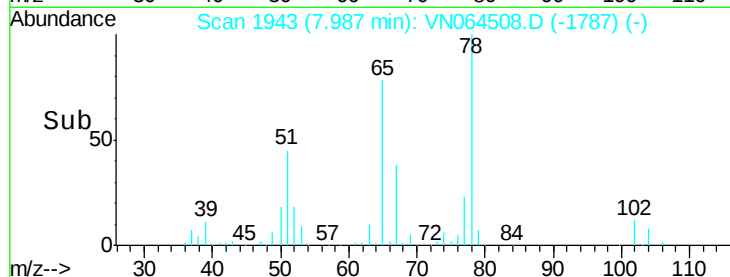
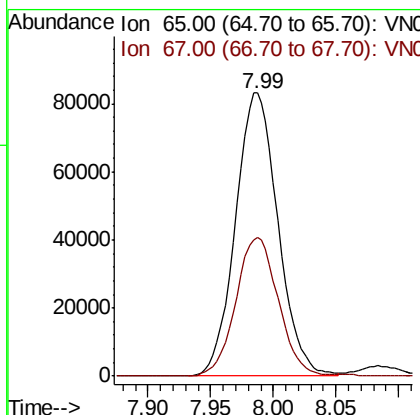
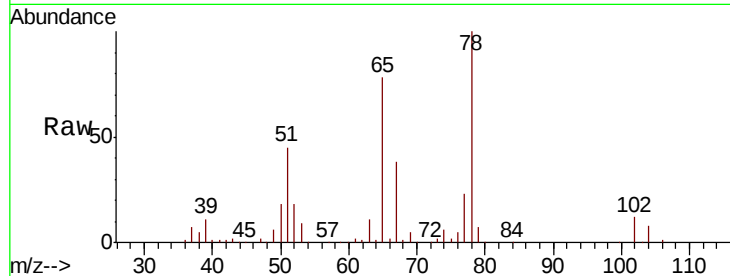
#27
 1,2-Dichloroethane-d4
 Concen: 31.147 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.1	41.1	61.7

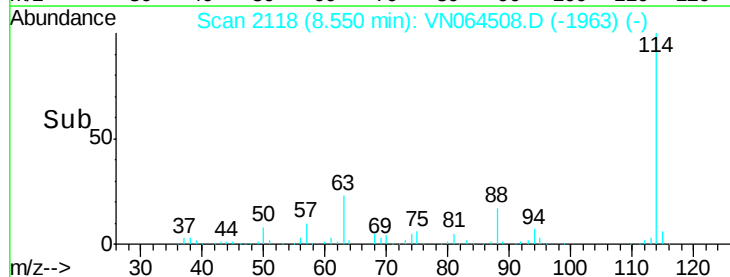
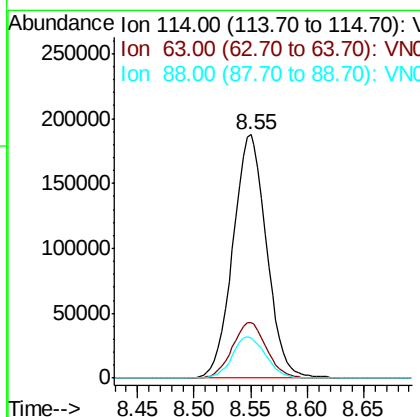
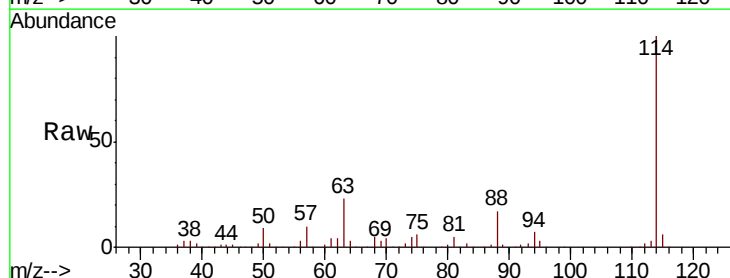
Manual Integrations
 APPROVED

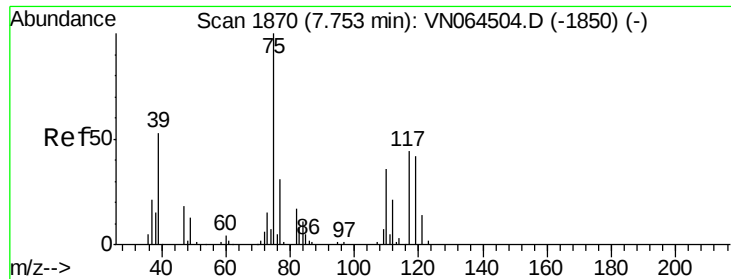
MMDadoda
 11/10/2020 1:10:37 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.3	18.5	27.7
88	16.8	13.0	19.6





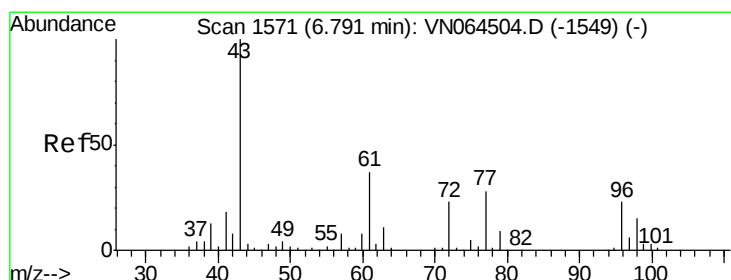
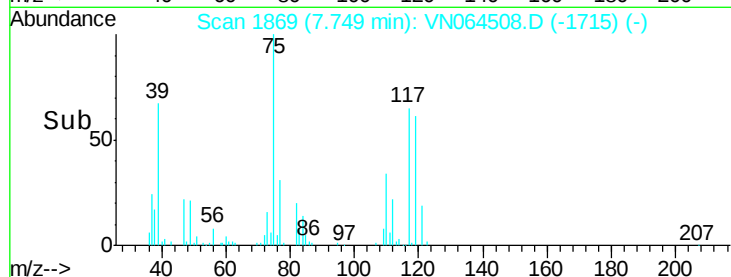
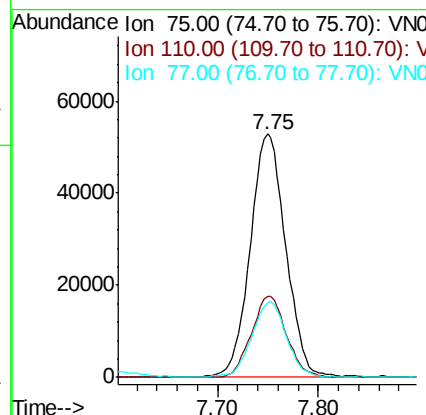
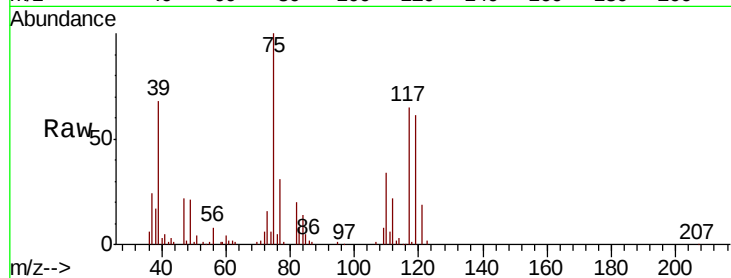
#29
 1,1-Dichloropropene
 Concen: 19.176 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Tot Ion	Ratio	Lower	Upper
75	100		
110	32.8	0.0	66.4
77	30.5	0.0	62.0

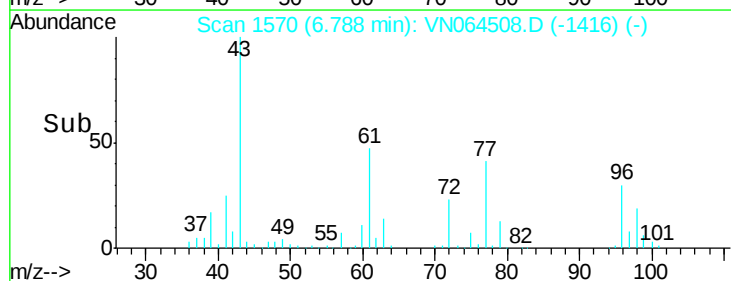
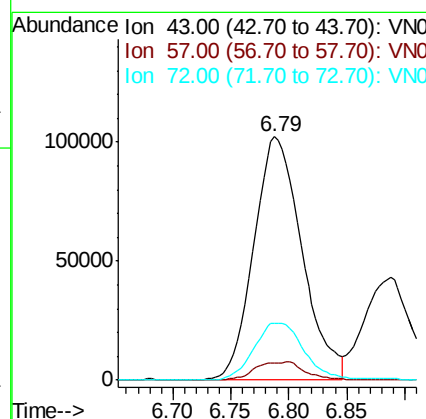
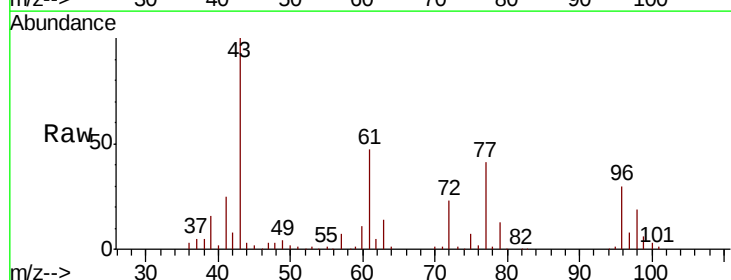
Manual Integrations
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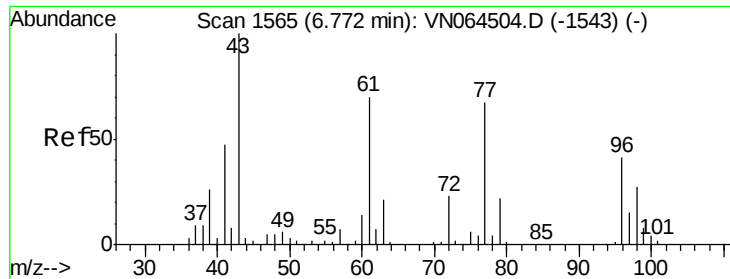
MMDadoda
 11/10/2020 1:10:37 PM



#30
 2-Butanone
 Concen: 88.434 ug/l
 RT: 6.79 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
43	100		
57	0.1	6.2	9.4#
72	24.4	9.9	14.9#





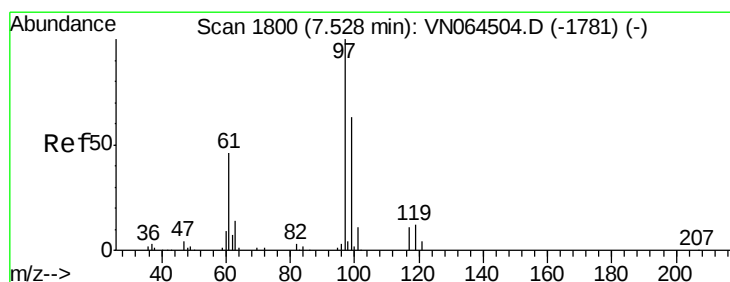
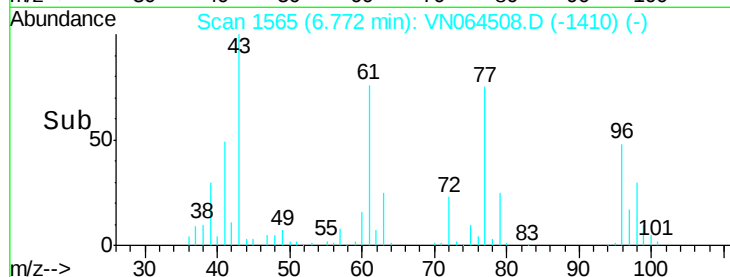
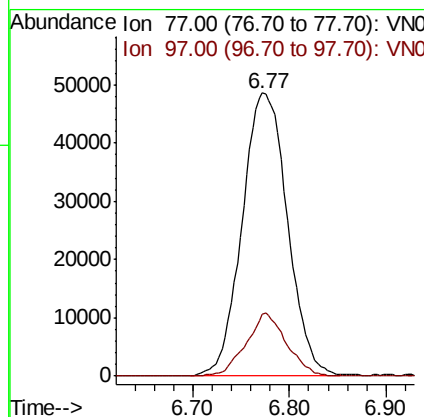
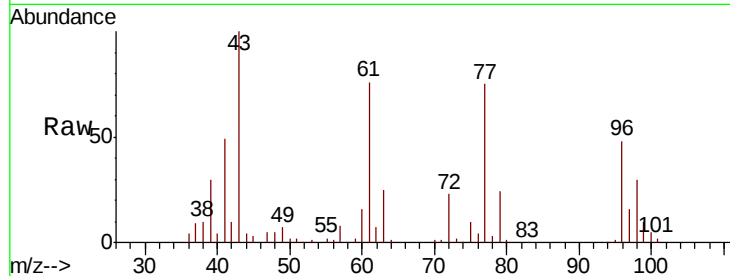
#31
 2,2-Dichloropropane
 Concen: 19.806 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Tot Ion: 77 Resp: 158353
 Ion Ratio Lower Upper
 77 100
 97 19.8 16.9 25.3

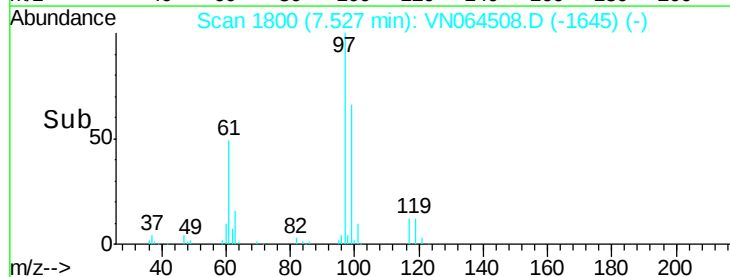
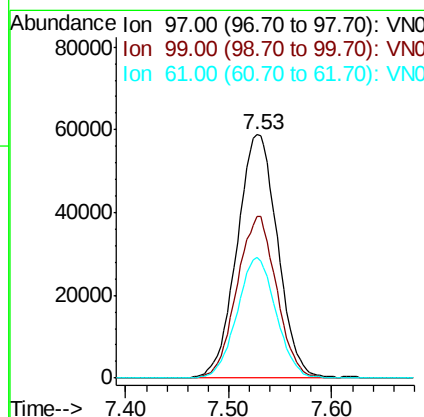
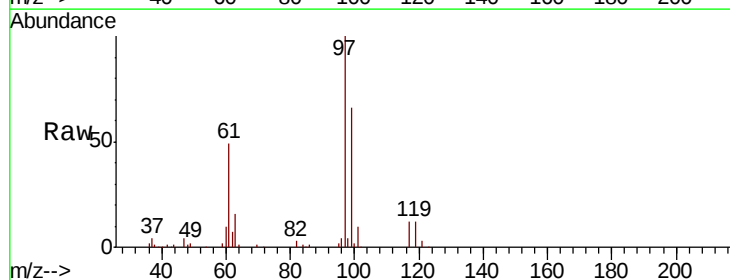
Manual Integrations
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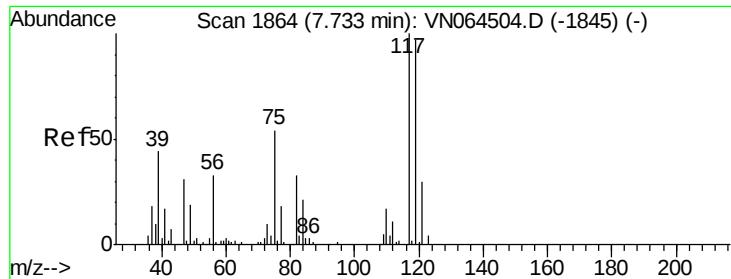
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#32
 1,1,1-Trichloroethane
 Concen: 19.500 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 97 Resp: 160995
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.8 77.8
 61 47.7 39.4 59.0





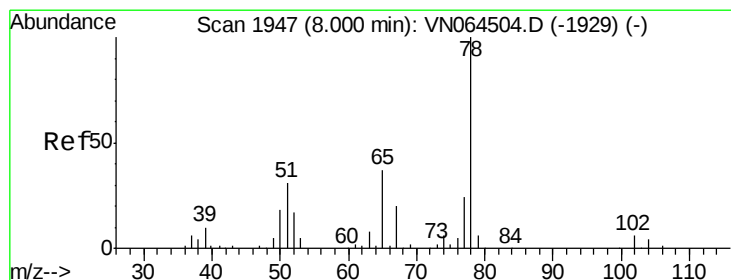
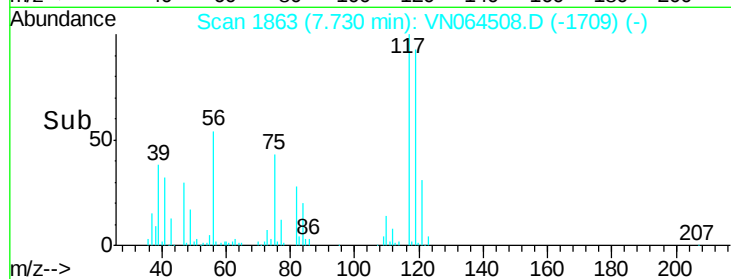
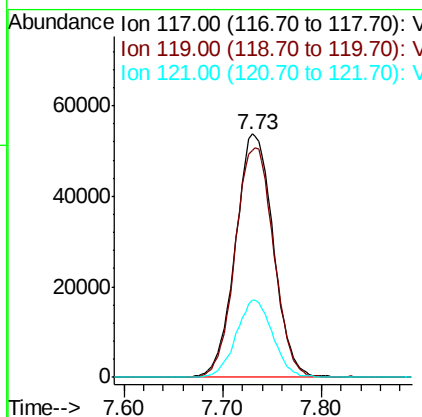
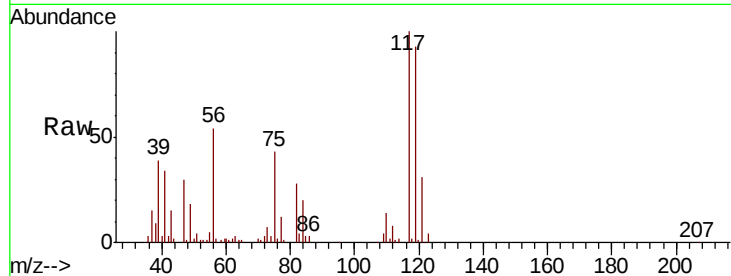
#33
Carbon Tetrachloride
Concen: 19.351 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.4	77.9	116.9
121	31.5	24.0	36.0

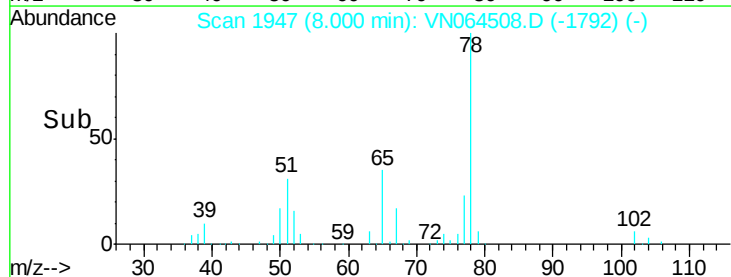
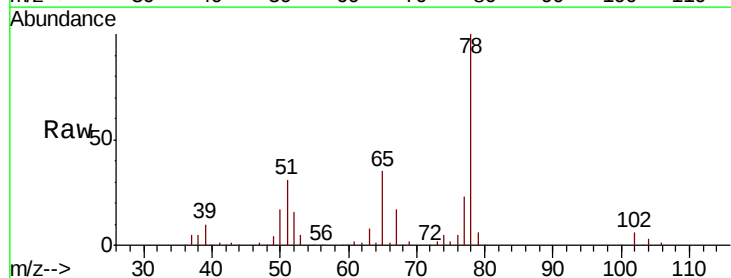
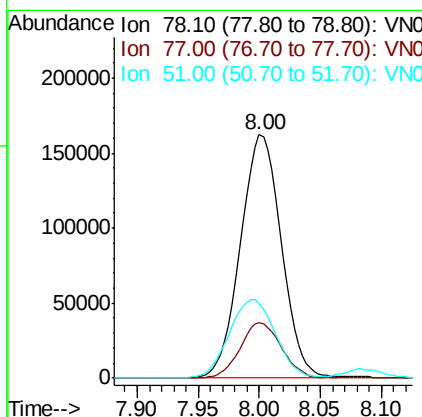
Manual Integrations
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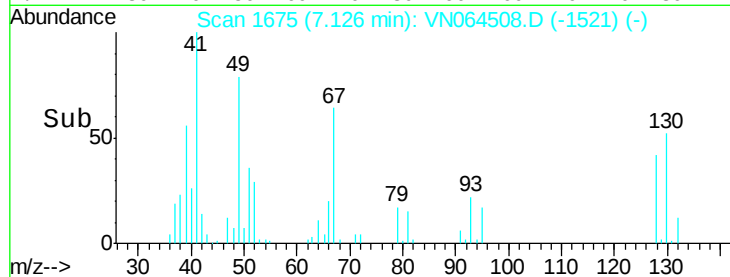
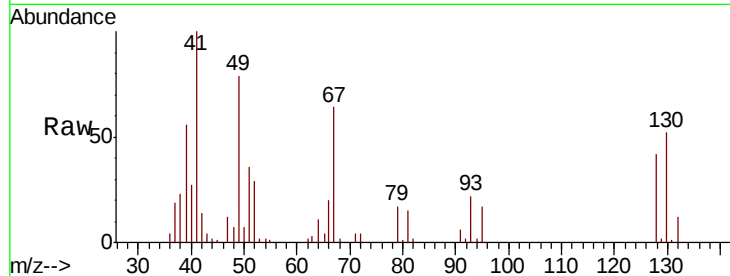
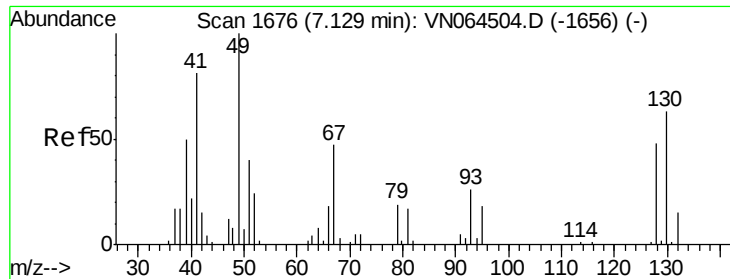
MMDadoda
11/10/2020 1:10:37 PM



#34
Benzene
Concen: 19.369 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

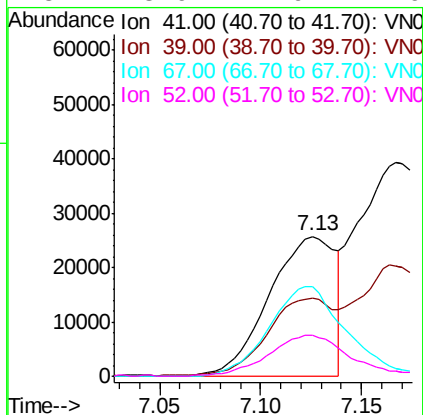
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.9	28.3
51	30.4	24.6	36.8





#35
Methacrylonitrile
Concen: 18.821 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

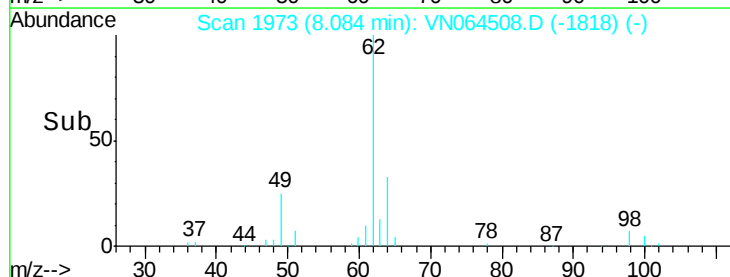
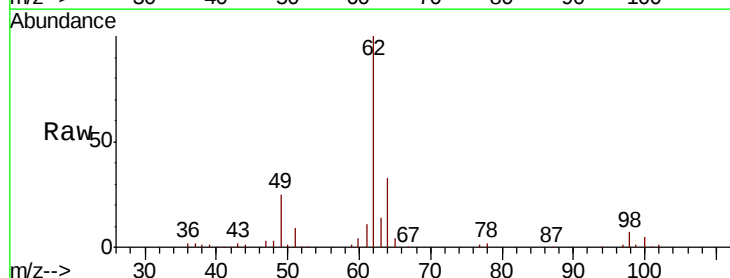
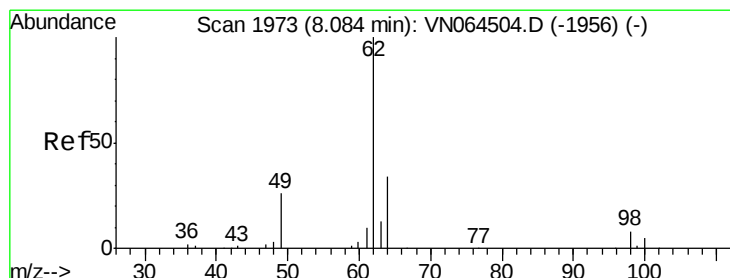
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.7	30.0	90.1	
67	63.6	29.2	87.6	
52	28.9	14.9	44.9	



Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

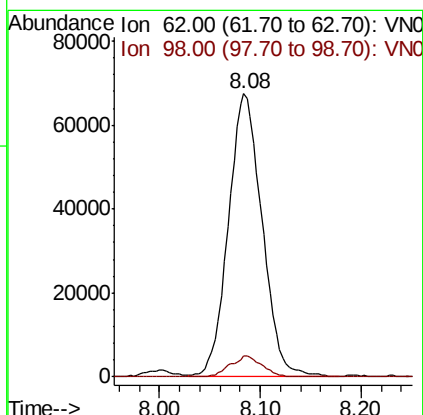
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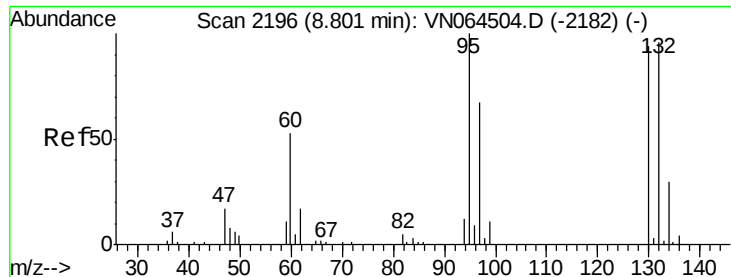
MMDadoda
11/10/2020 1:10:37 PM



#36
1,2-Dichloroethane
Concen: 19.677 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.0	5.5	8.3	





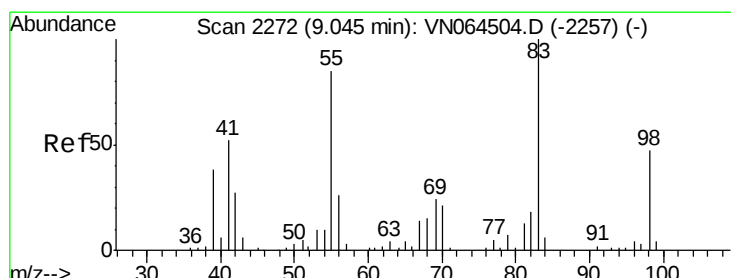
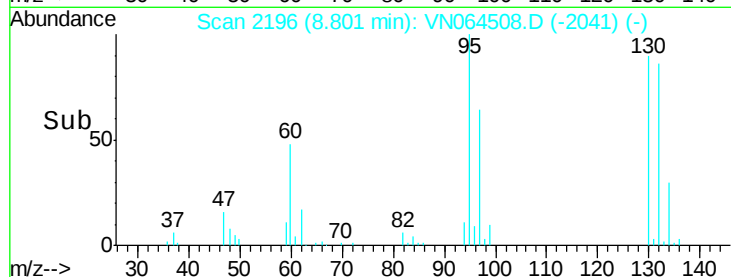
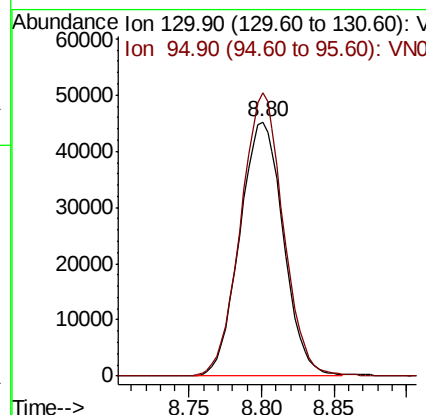
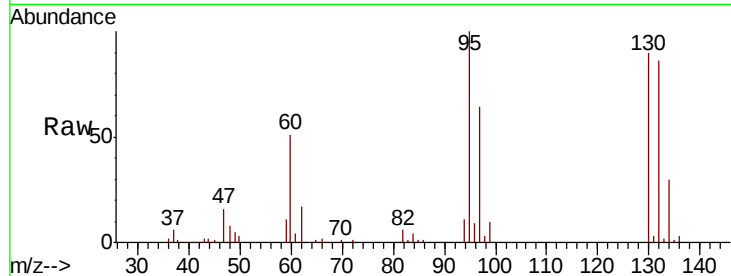
#37
 Trichloroethene
 Concen: 19.238 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Tot Ion:130 Resp: 94799
 Ion Ratio Lower Upper
 130 100
 95 111.2 85.1 127.7

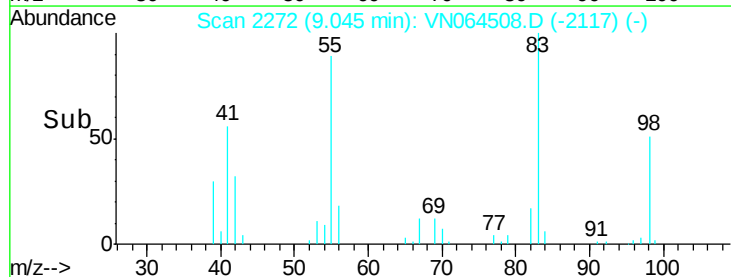
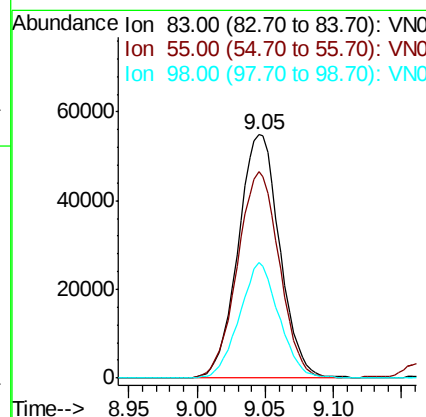
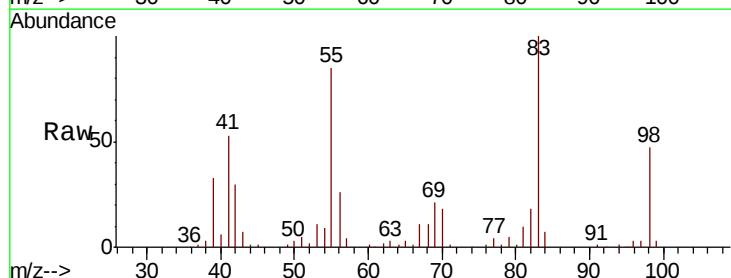
Manual Integrations
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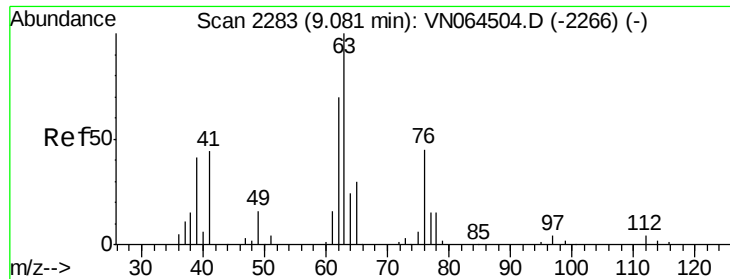
MMDadoda
 11/10/2020 1:10:37 PM



#38
 Methylcyclohexane
 Concen: 19.087 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 83 Resp: 116206
 Ion Ratio Lower Upper
 83 100
 55 85.6 42.0 126.1
 98 45.0 22.5 67.5





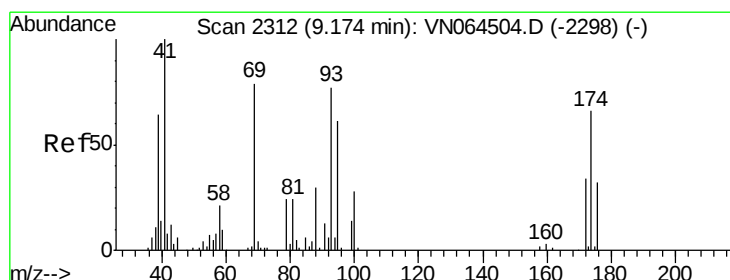
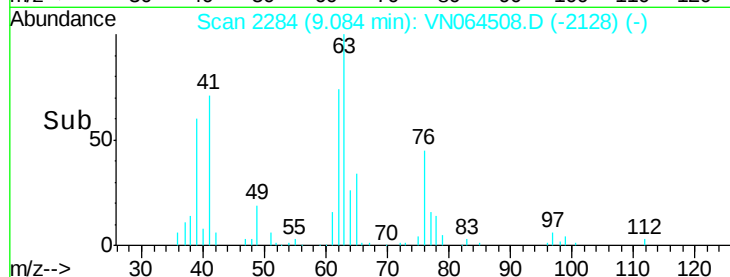
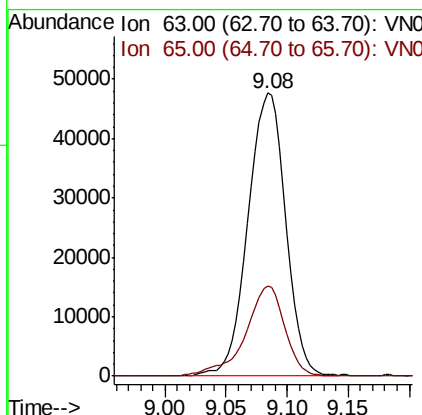
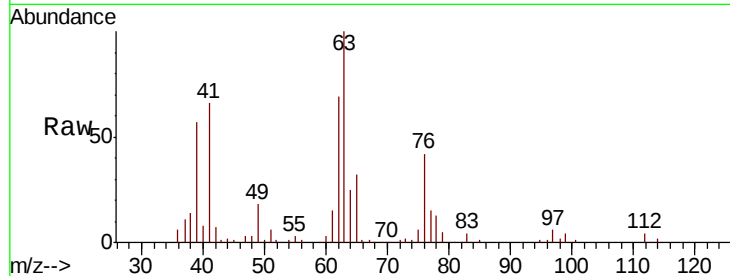
#39
 1,2-Dichloropropane
 Concen: 19.483 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Tot Ion: 63 Resp: 102025
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.4 36.6

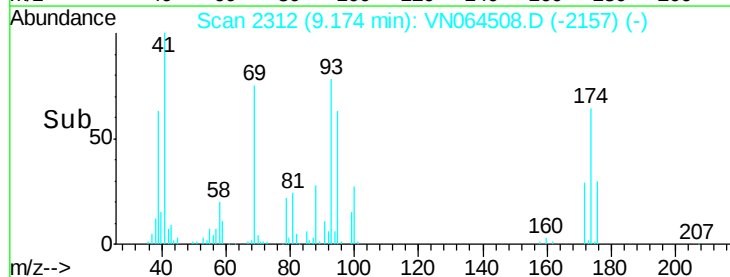
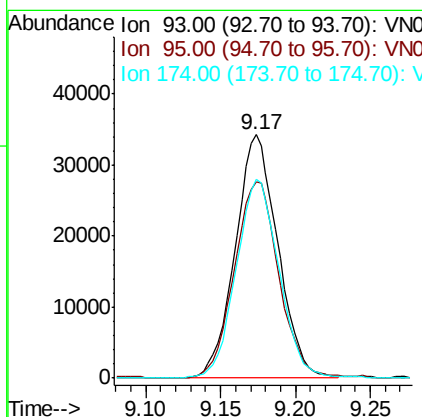
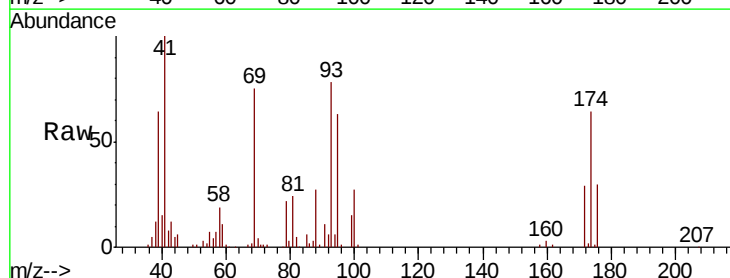
Manual Integrations
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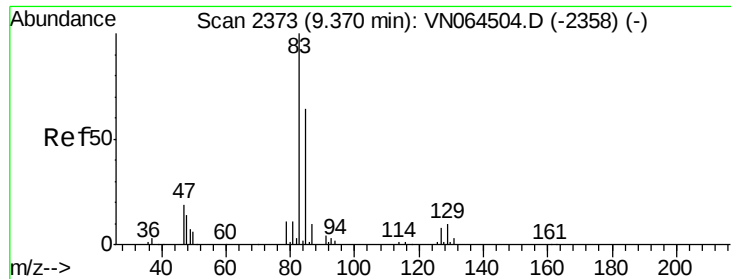
MMDadoda
 11/10/2020 1:10:37 PM



#40
 Dibromomethane
 Concen: 19.173 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion: 93 Resp: 67735
 Ion Ratio Lower Upper
 93 100
 95 84.4 0.0 164.6
 174 82.4 0.0 165.6





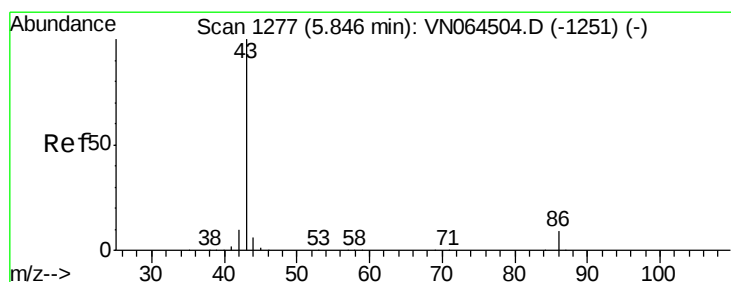
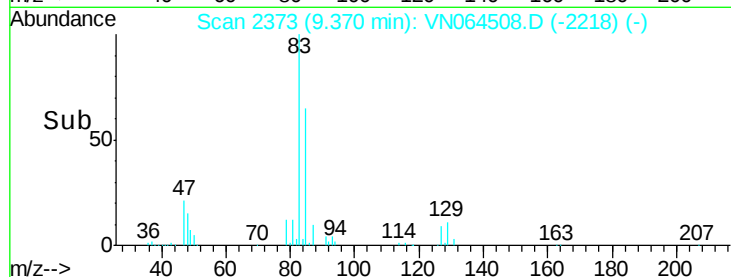
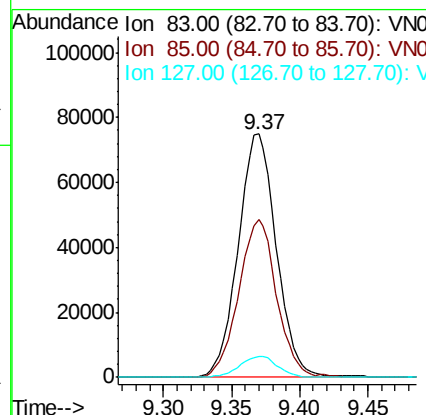
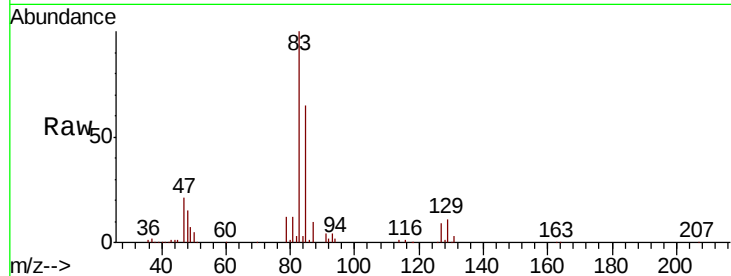
#41
Bromodichloromethane
Concen: 18.979 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	83	85	127
Resp	145316		
Ratio	100	64.6	8.8
Lower		51.0	6.2
Upper		76.4	9.4

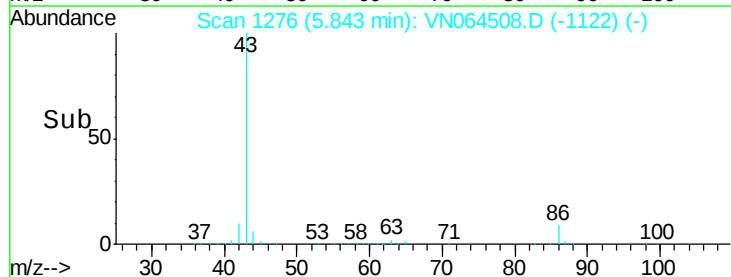
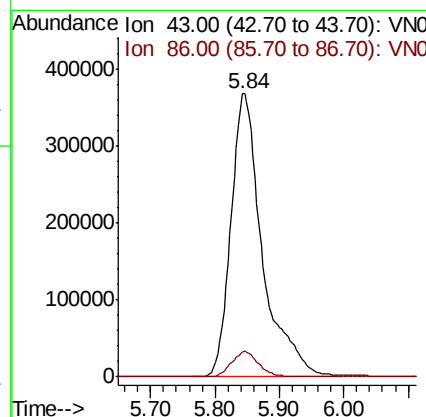
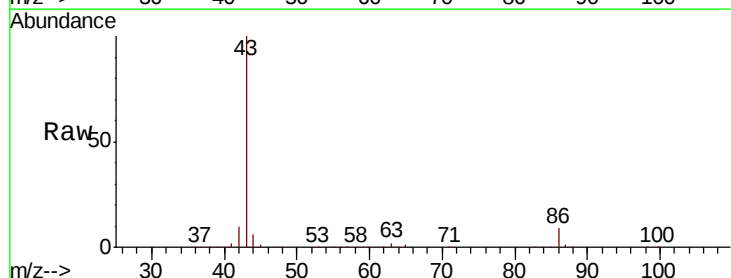
Manual Integrations
APPROVED

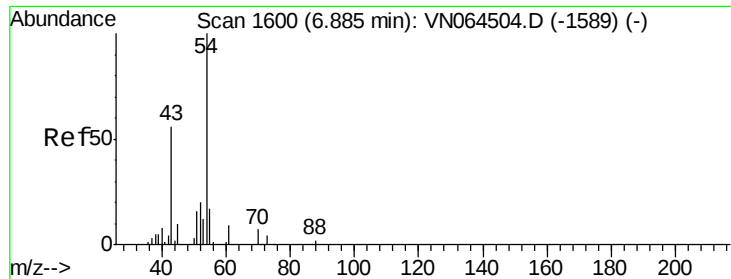
MMDadoda
11/10/2020 1:10:37 PM



#42
Vinyl Acetate
Concen: 93.921 ug/l
RT: 5.84 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	43	86
Resp	1252812	
Ratio	100	7.8
Lower		6.3
Upper		9.5





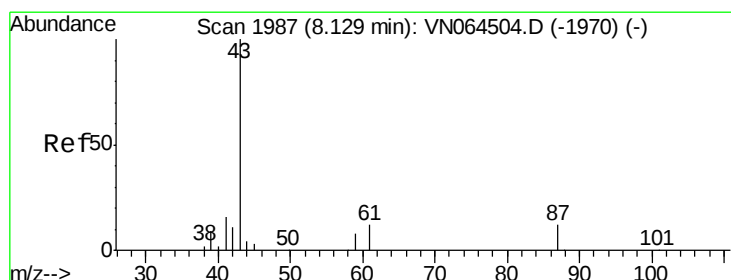
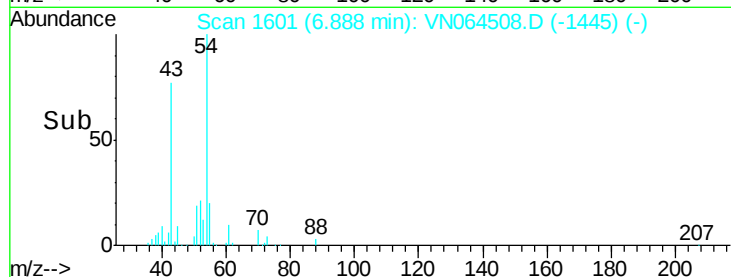
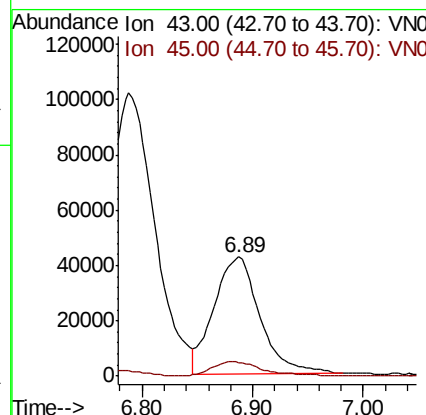
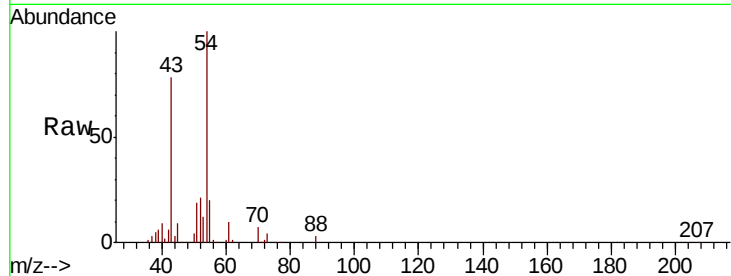
#43
Ethyl Acetate
Concen: 18.898 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	43	45	Ratio	Lower	Upper
122522	100	10.8		10.9	16.3

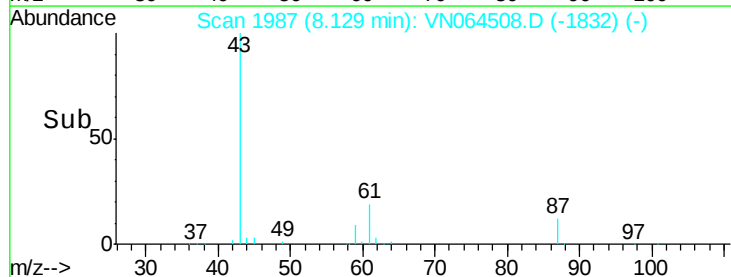
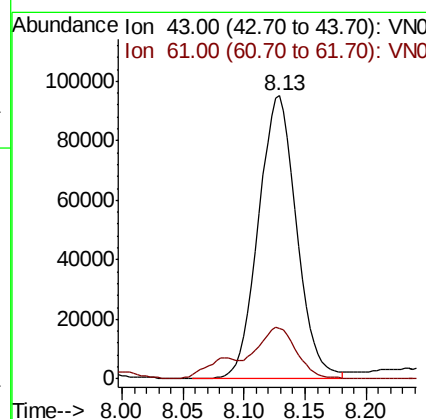
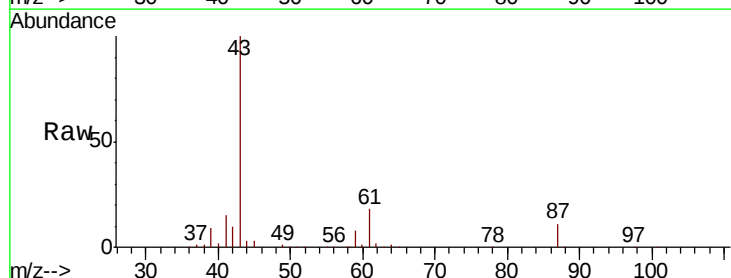
Manual Integrations
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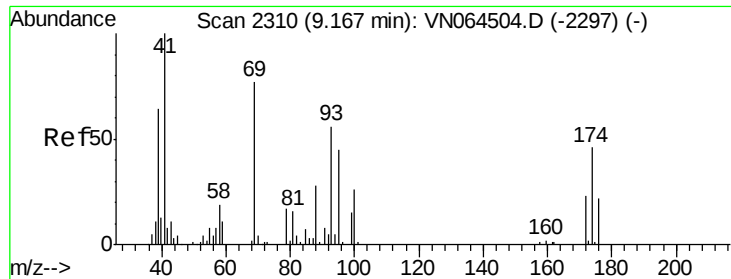
MMDadoda
11/10/2020 1:10:37 PM



#44
Isopropyl Acetate
Concen: 18.369 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	43	61	Ratio	Lower	Upper
205579	100	18.7		13.0	19.4





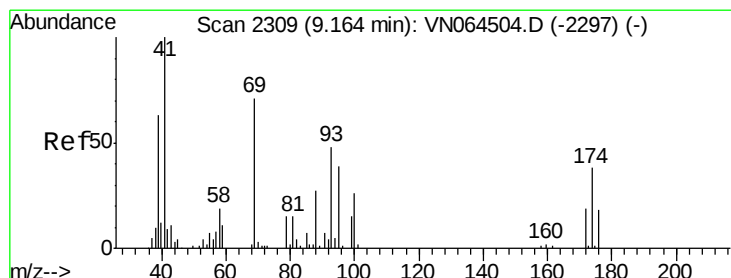
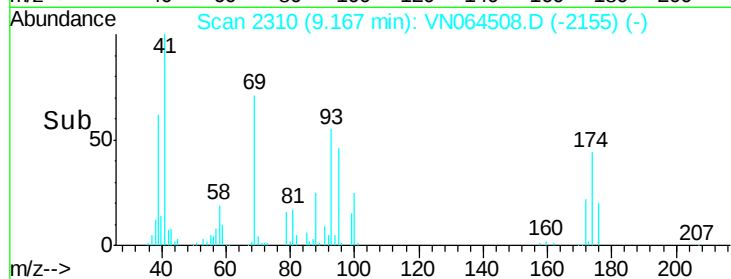
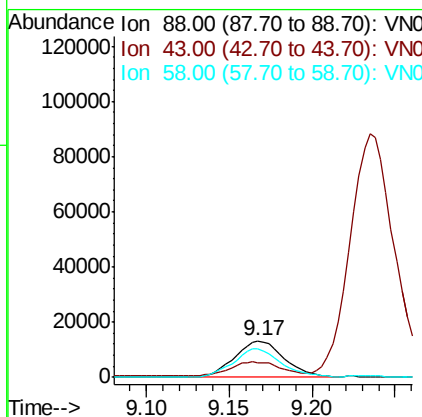
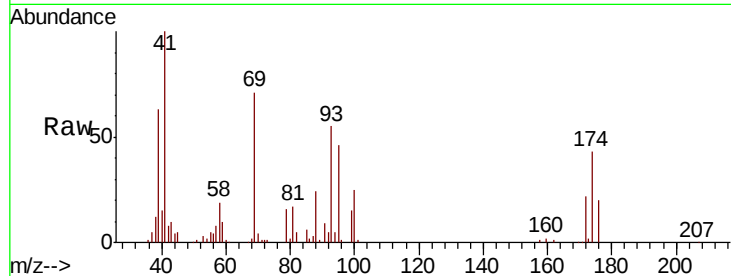
#45
 1,4-Dioxane
 Concen: 349.807 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.8	30.6	46.0
58	76.6	57.9	86.9

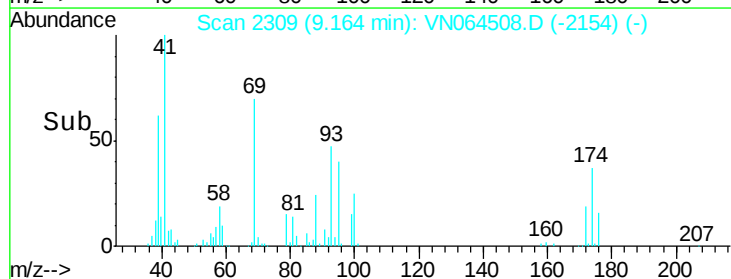
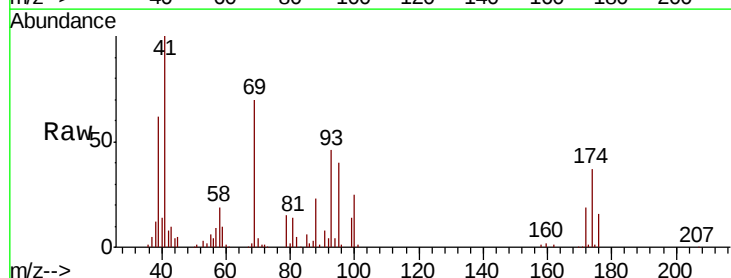
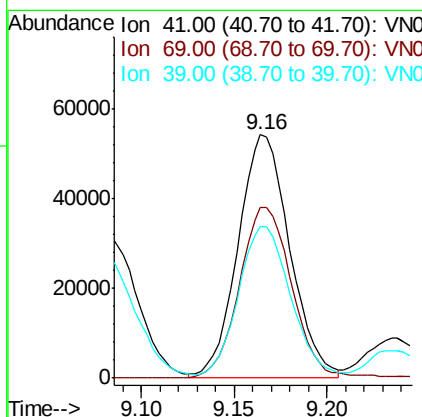
Manual Integrations
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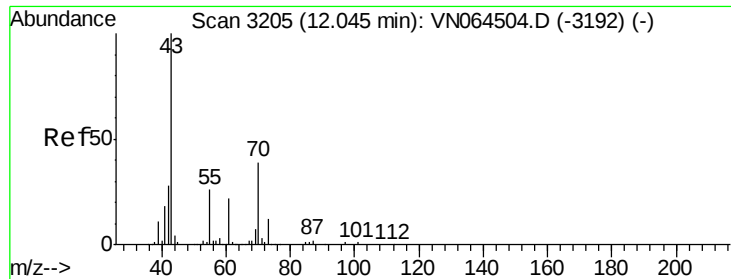
MMDadoda
 11/10/2020 1:10:37 PM



#46
 Methyl methacrylate
 Concen: 18.987 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
41	100		
69	70.8	35.4	106.2
39	61.3	31.6	94.7





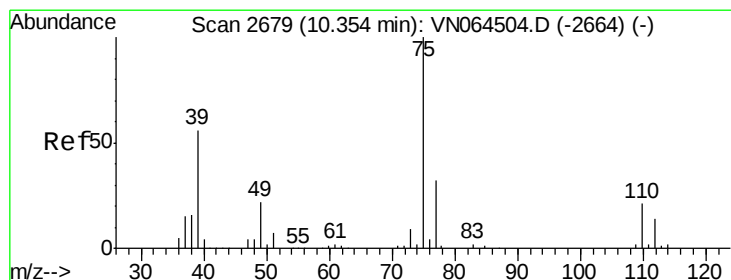
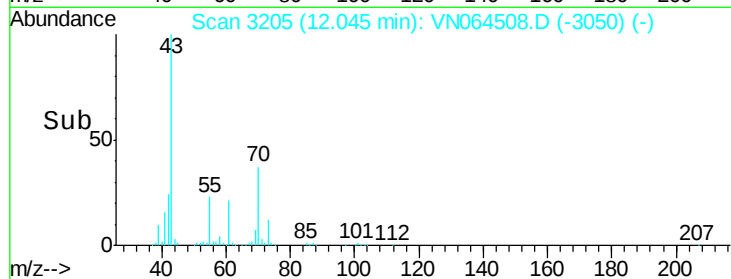
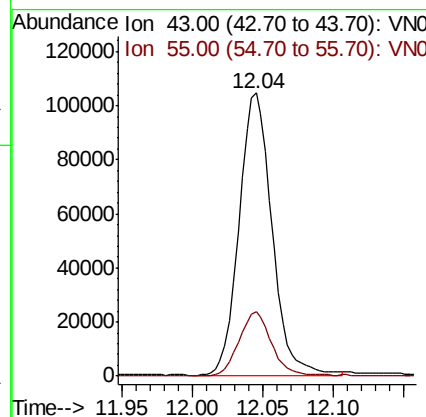
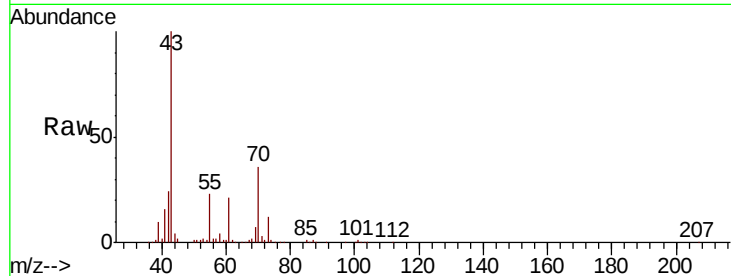
#47
n-amvl Acetate
Concen: 17.647 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion: 43 Resp: 170851
Ion Ratio Lower Upper
43 100
55 22.4 19.2 28.8

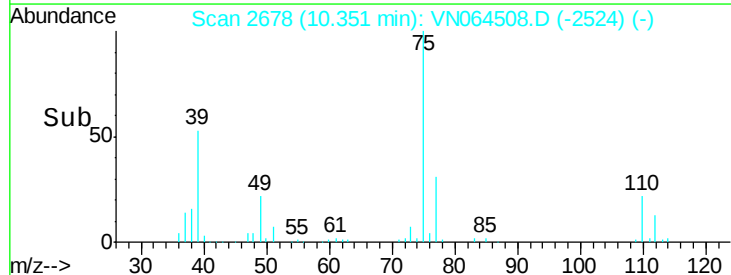
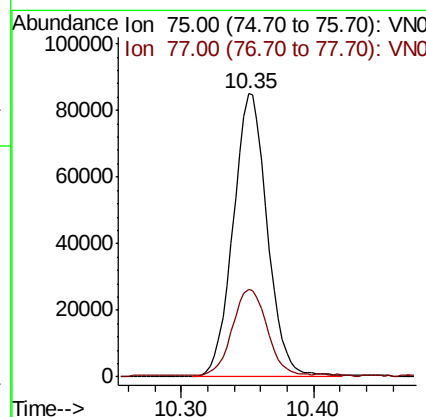
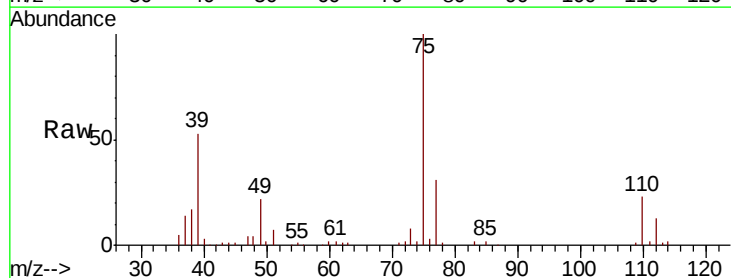
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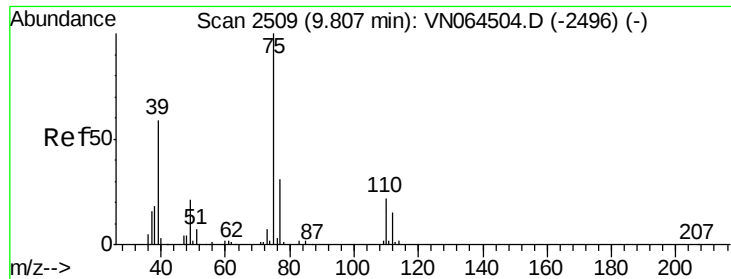
MMDadoda
11/10/2020 1:10:37 PM



#48
t-1,3-Dichloropropene
Concen: 18.740 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion: 75 Resp: 152060
Ion Ratio Lower Upper
75 100
77 30.6 25.8 38.6





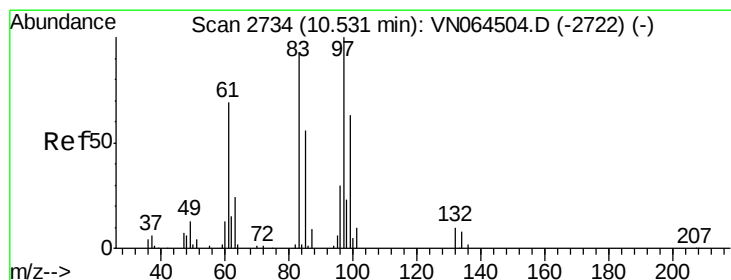
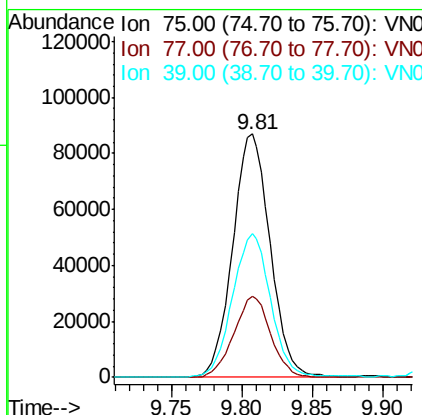
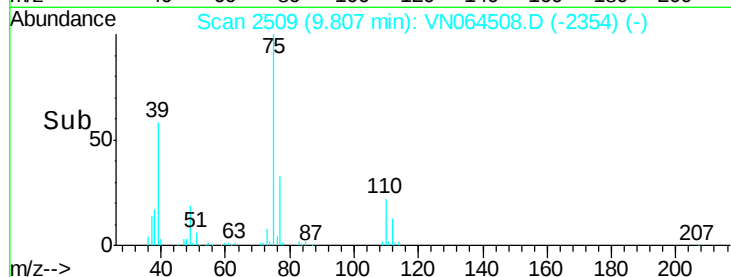
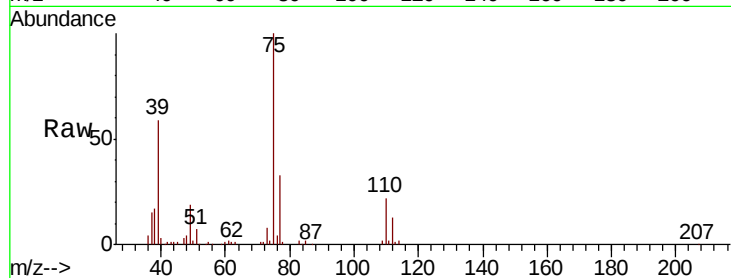
#49
 cis-1,3-Dichloropropene
 Concen: 18.951 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.3	24.8	37.2
39	58.5	47.4	71.0

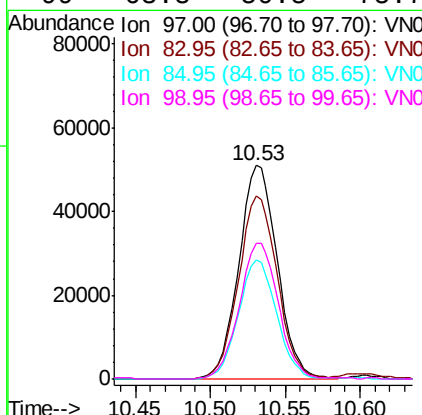
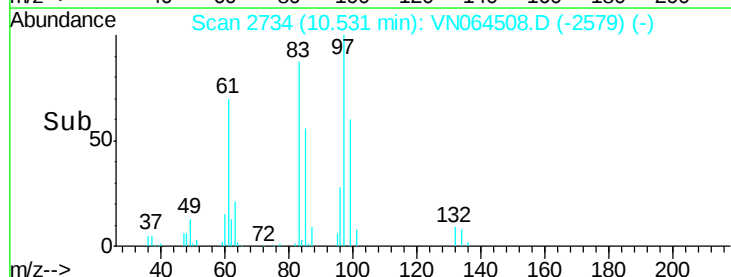
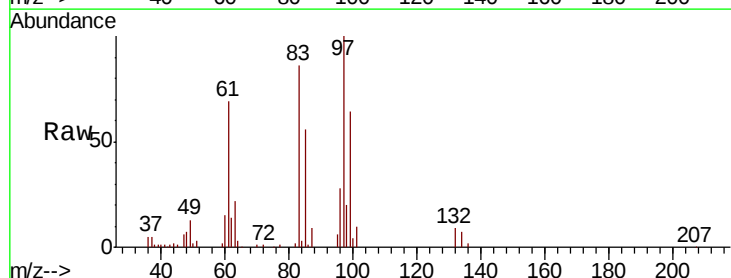
Manual Integrations
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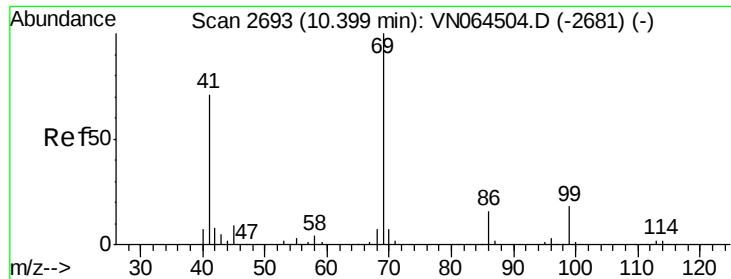
MMDadoda
 11/10/2020 1:10:37 PM



#50
 1,1,2-Trichloroethane
 Concen: 18.877 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.9	74.2	111.4
85	55.8	44.8	67.2
99	63.8	50.5	75.7





#51

Ethyl methacrylate

Concen: 18.036 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

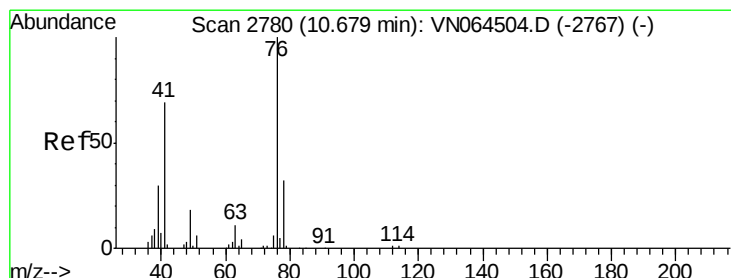
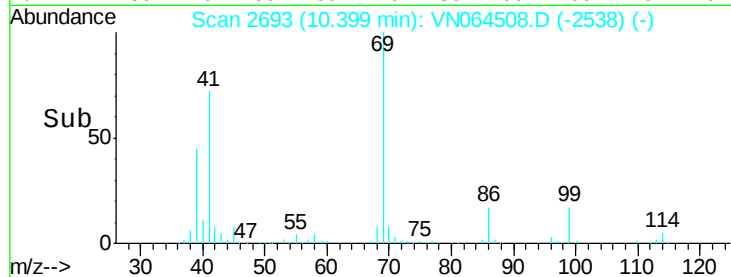
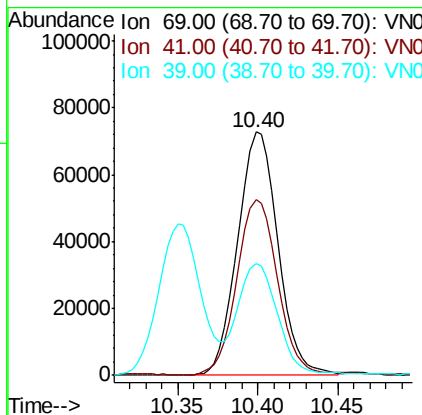
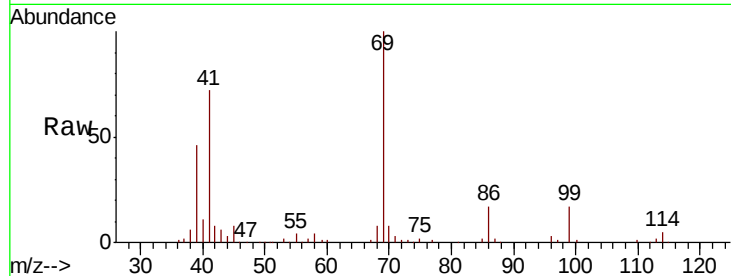
ClientSampleId :

ICVVN110920

Tot Ion:	69	Resp:	125183
Ion	Ratio	Lower	Upper
69	100		
41	71.8	35.4	106.1
39	44.6	24.1	72.2

Manual Integrations
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11/10/2020 1:10:37 PM



#52

1,3-Dichloropropane

Concen: 19.002 ug/l

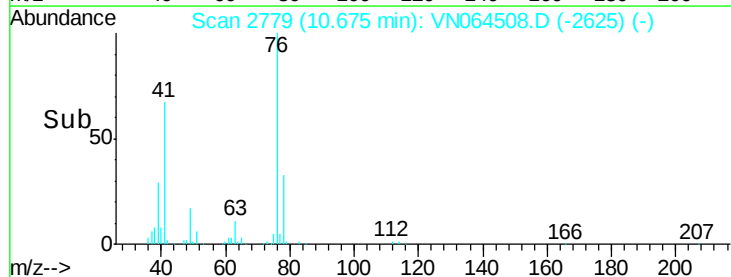
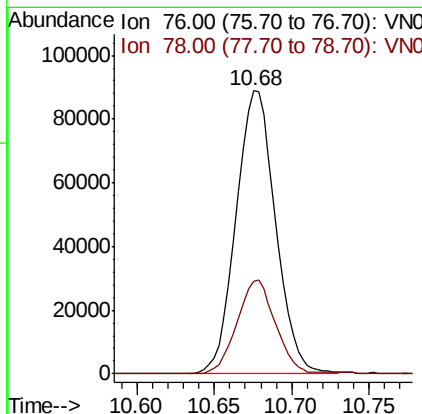
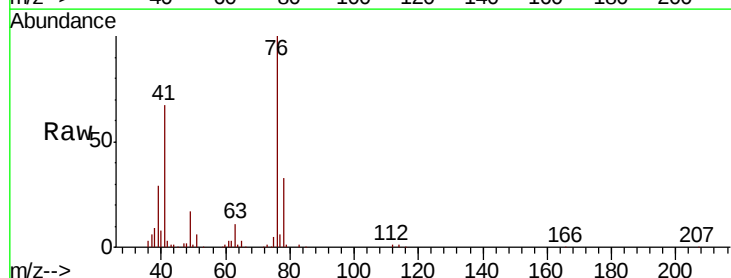
RT: 10.68 min Scan# 2779

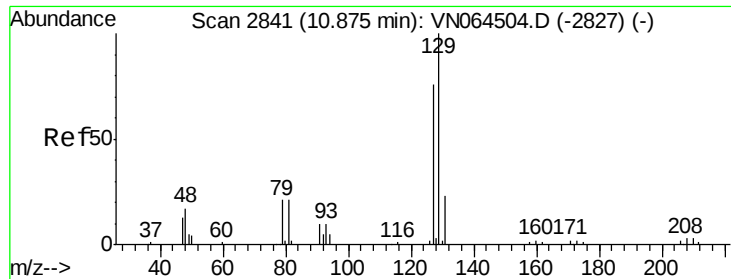
Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Tgt Ion:	76	Resp:	158115
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	65.2





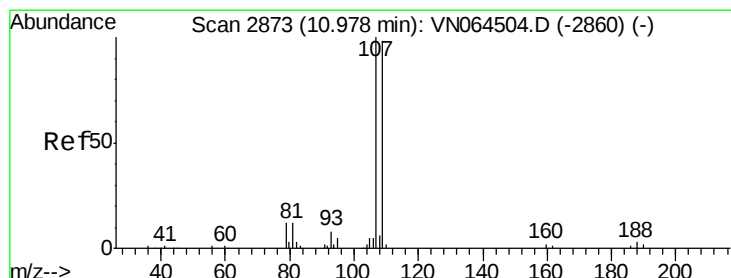
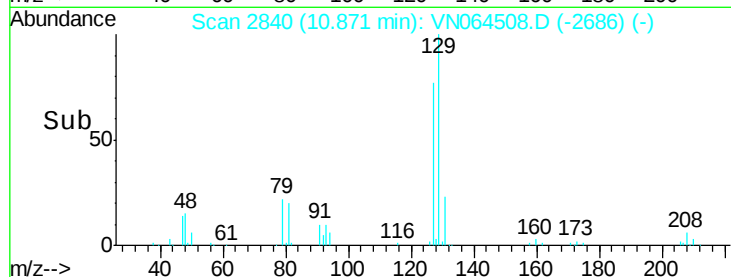
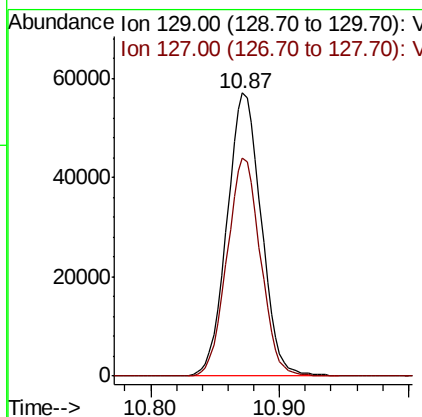
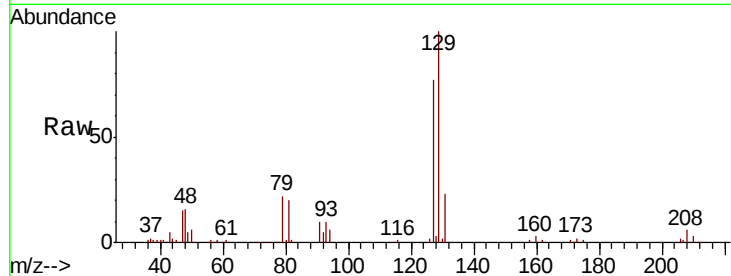
#53
Dibromochloromethane
Concen: 18.952 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion:129 Resp: 105124
Ion Ratio Lower Upper
129 100
127 75.3 39.1 117.2

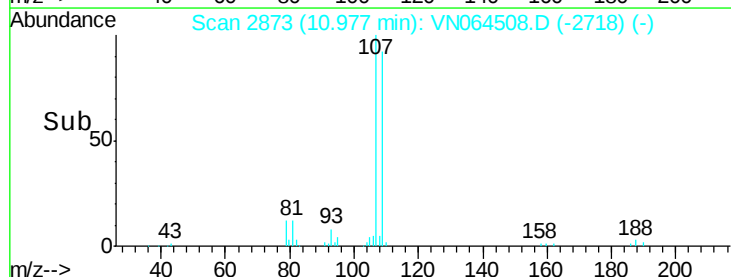
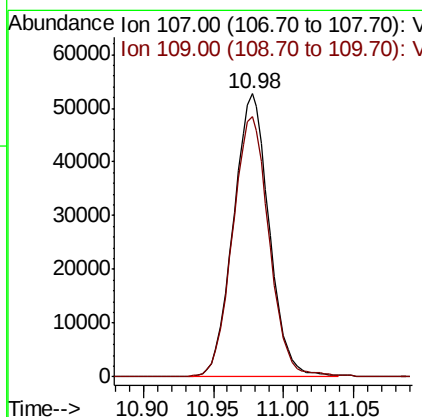
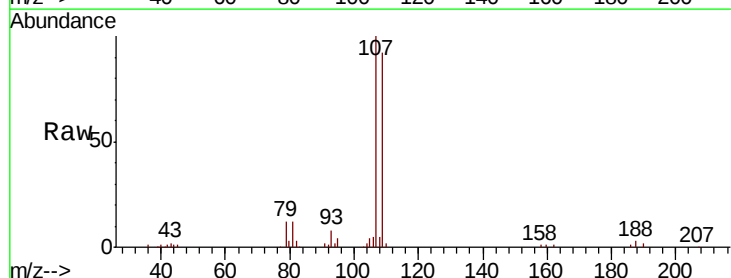
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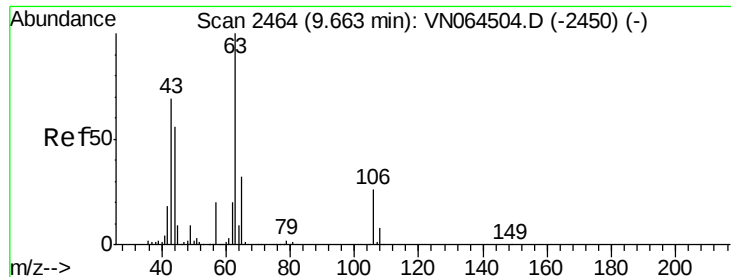
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11/10/2020 1:10:37 PM



#54
1,2-Dibromoethane
Concen: 18.882 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion:107 Resp: 93543
Ion Ratio Lower Upper
107 100
109 94.1 77.2 115.8





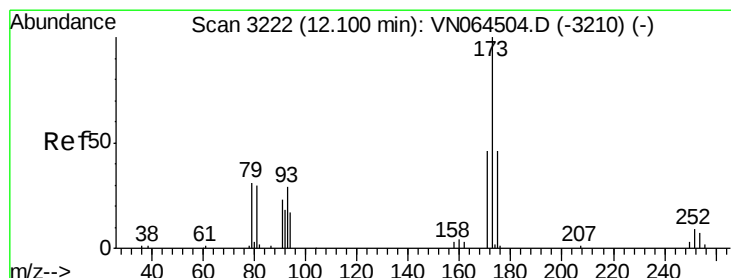
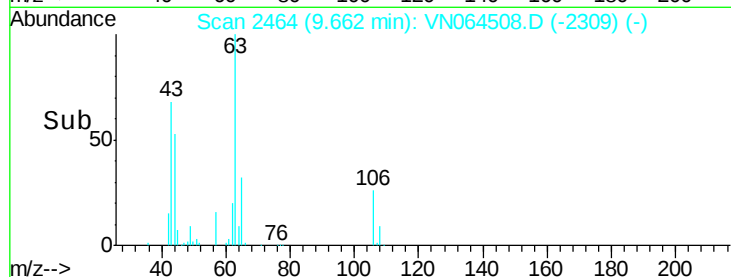
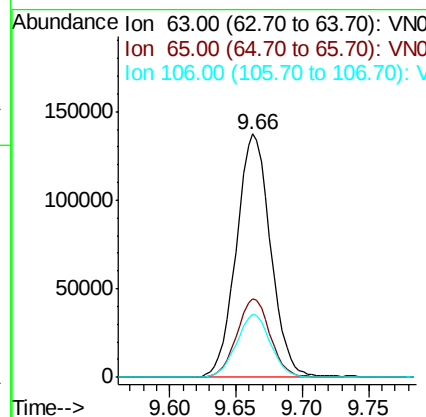
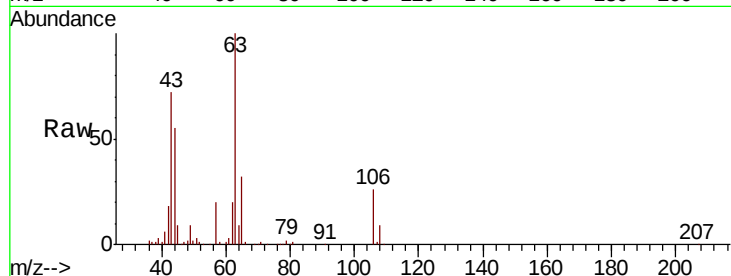
#55
2-Chloroethyl vinyl ether
Concen: 67.994 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.7	38.5
106	25.5	19.9	29.9

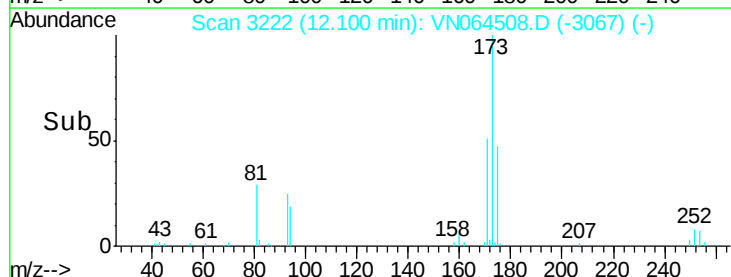
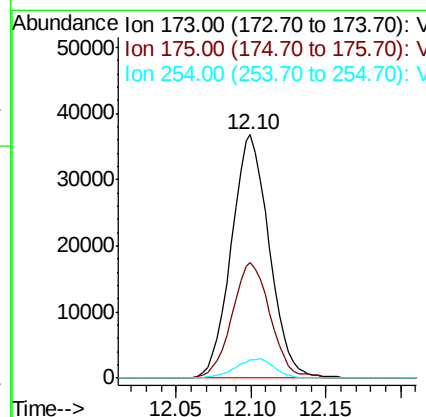
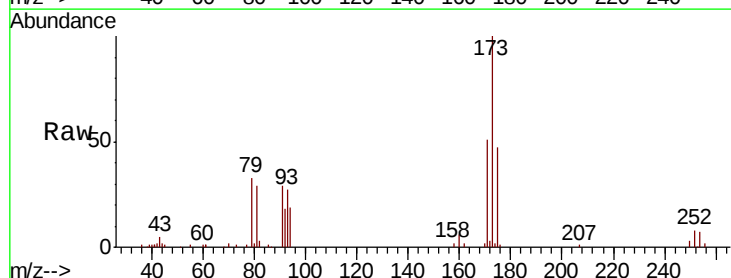
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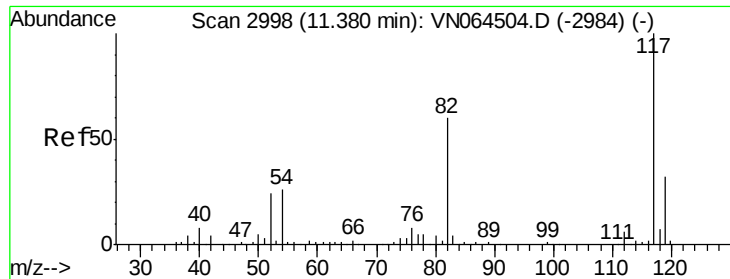
MMDadoda
11/10/2020 1:10:37 PM



#56
Bromoform
Concen: 17.818 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	37.1	55.7
254	8.1	5.4	8.2





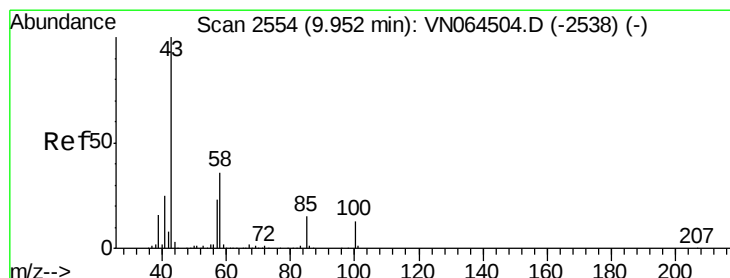
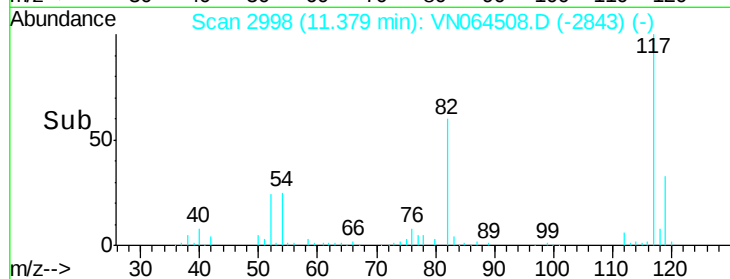
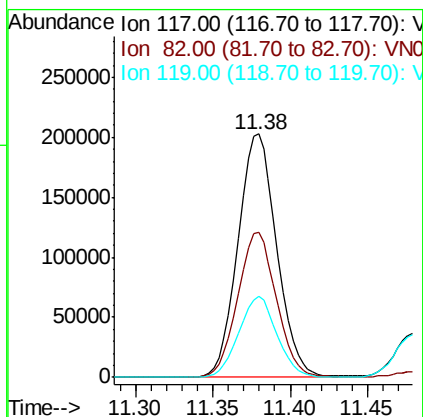
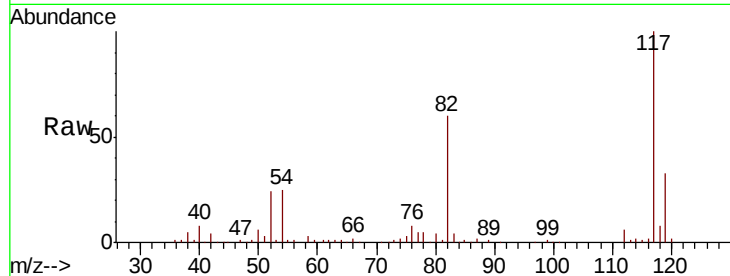
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.6	47.8	71.8
119	32.7	25.7	38.5

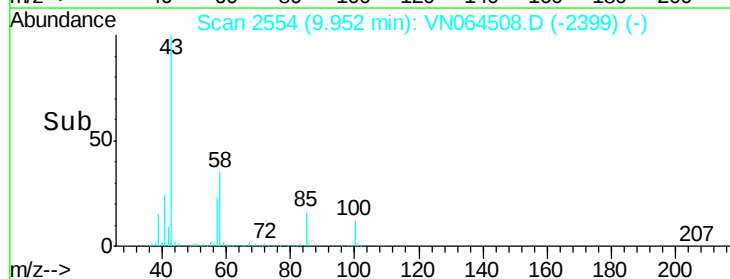
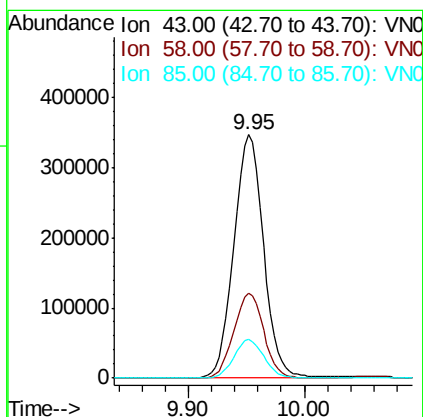
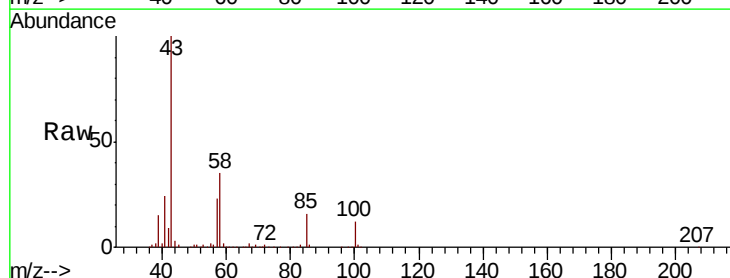
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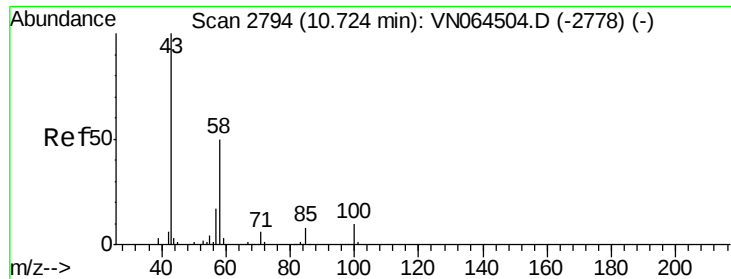
MMDadoda
11/10/2020 1:10:37 PM



#58
4-Methyl-2-Pentanone
Concen: 94.206 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.4	28.8	43.2
85	16.0	12.3	18.5





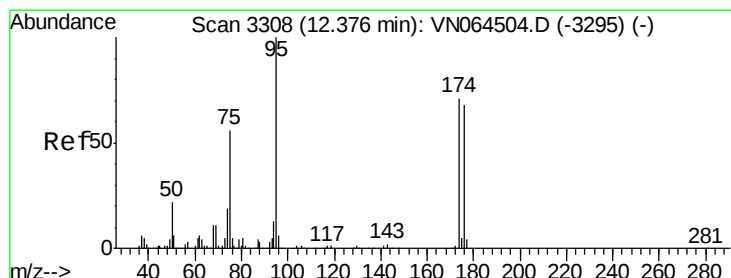
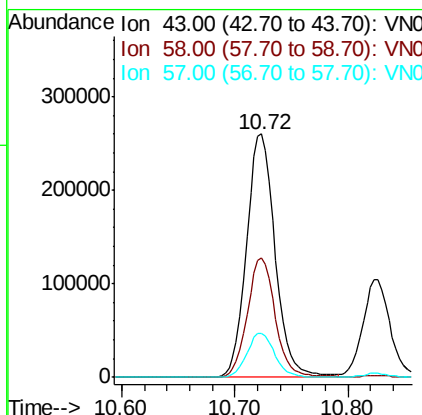
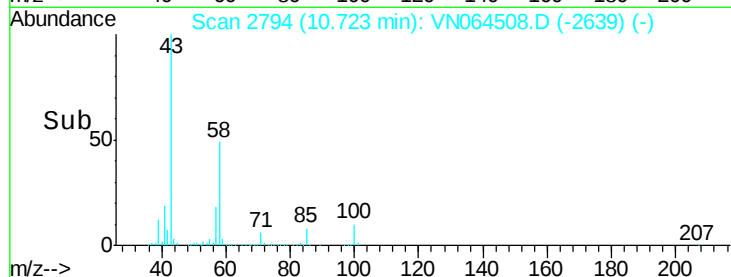
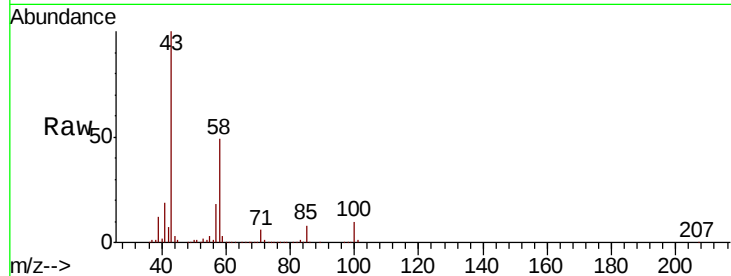
#59
2-Hexanone
Concen: 93.228 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.5	38.2	57.4
57	17.8	13.8	20.8

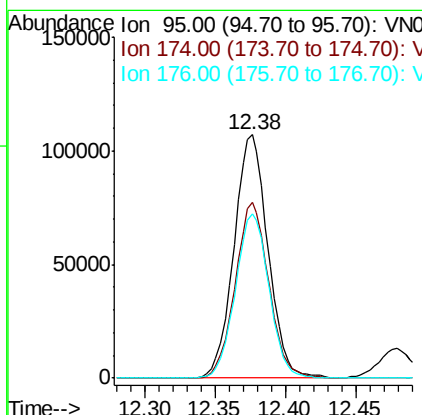
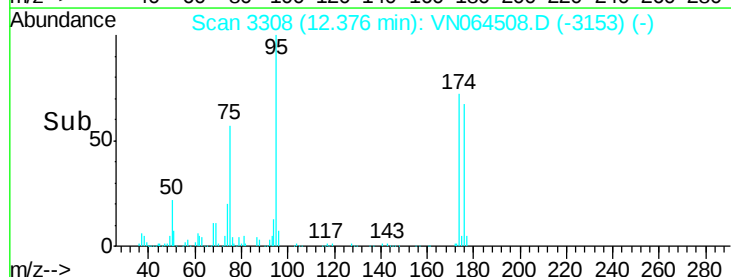
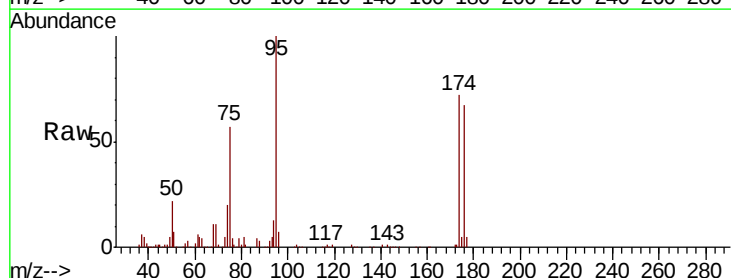
Manual Integrations
APPROVED

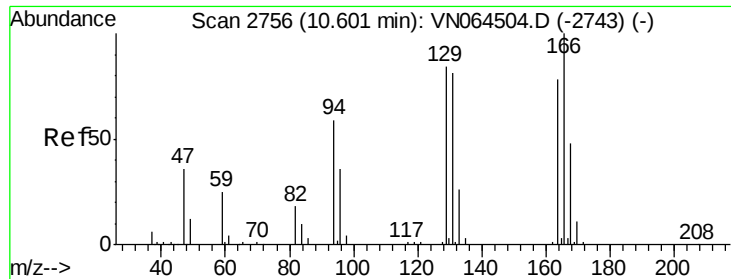
MMDadoda
11/10/2020 1:10:37 PM



#60
4-Bromofluorobenzene
Concen: 29.883 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	71.4	56.4	84.6
176	66.8	53.3	79.9





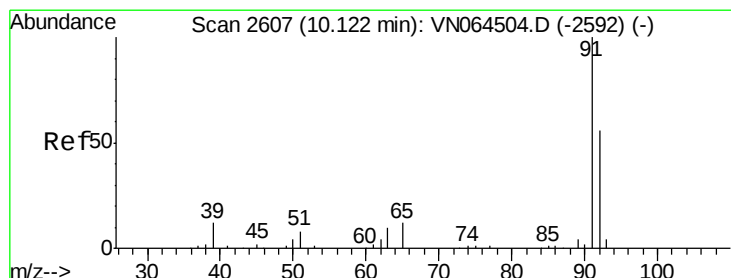
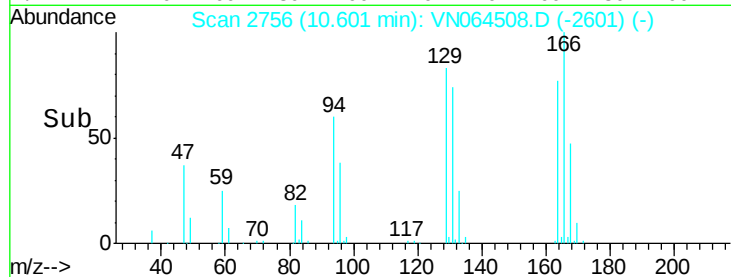
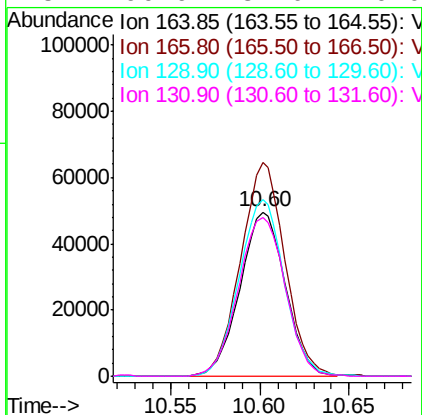
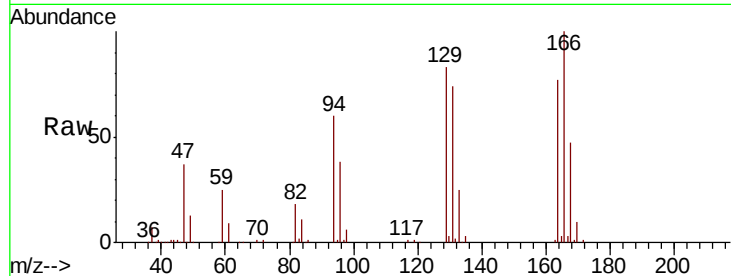
#61
Tetrachloroethene
Concen: 19.959 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.9	103.2	154.8
129	107.7	86.4	129.6
131	96.6	84.0	126.0

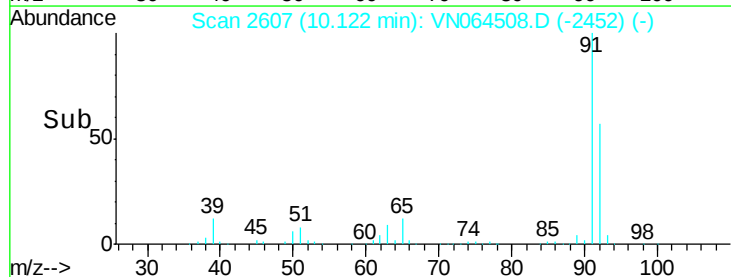
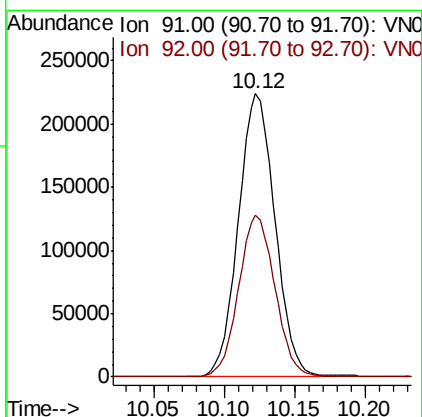
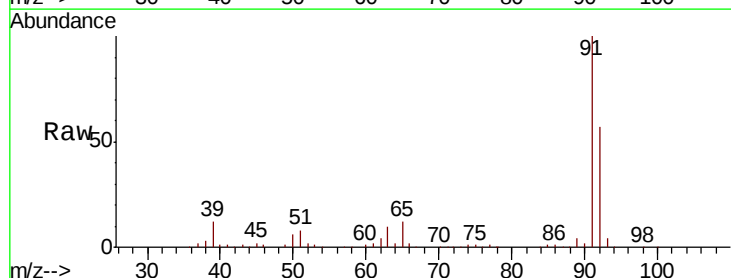
Manual Integrations
APPROVED

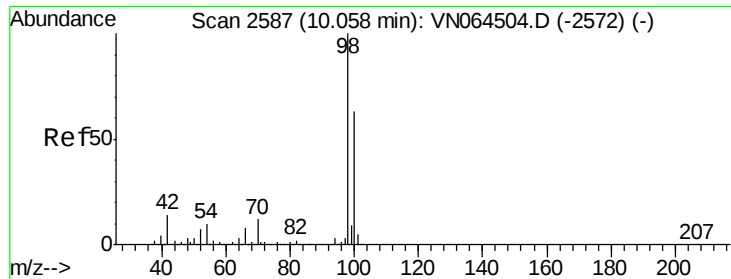
MMDadoda
11/10/2020 1:10:37 PM



#62
Toluene
Concen: 19.695 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.6	45.4	68.2





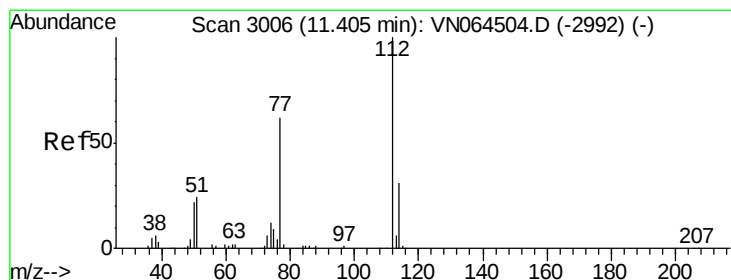
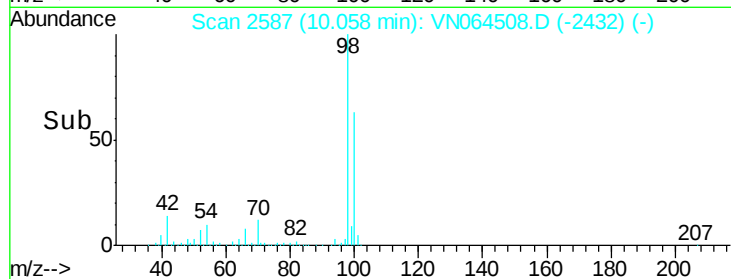
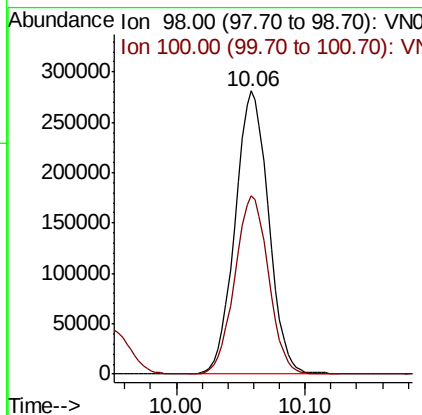
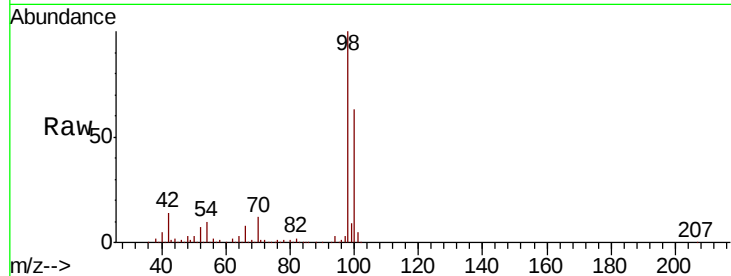
#63
Toluene-d8
Concen: 30.762 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion: 98 Resp: 507084
Ion Ratio Lower Upper
98 100
100 63.1 49.4 74.2

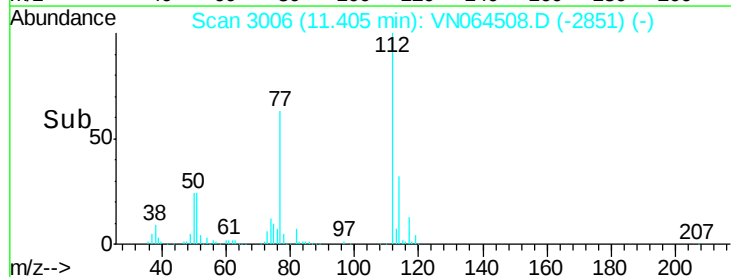
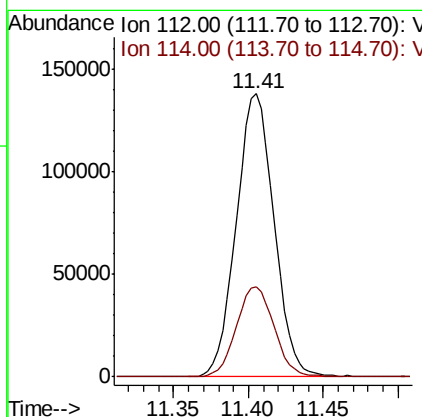
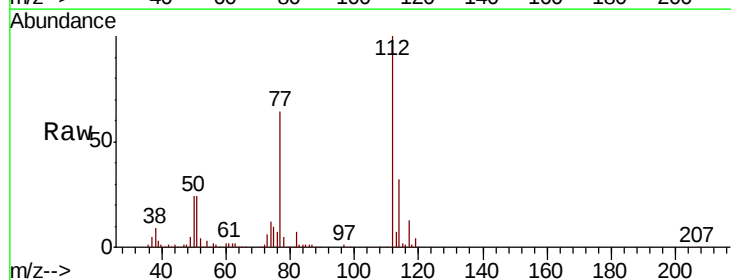
Manual Integrations
APPROVED

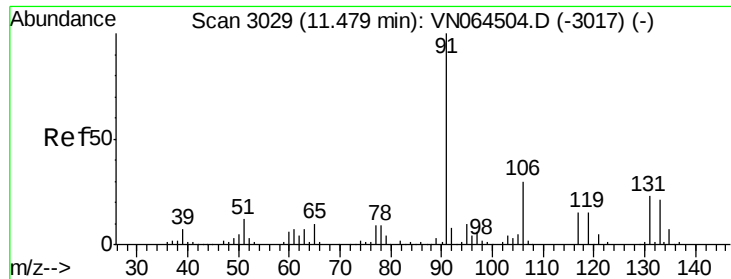
MMDadoda
11/10/2020 1:10:37 PM



#64
Chlorobenzene
Concen: 19.658 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion: 112 Resp: 242545
Ion Ratio Lower Upper
112 100
114 32.0 25.0 37.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.508 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110920

Tot Ion:131 Resp: 94093

Ion Ratio Lower Upper

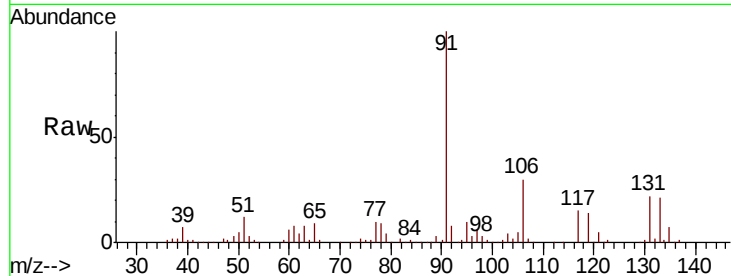
131 100

133 96.9 0.0 191.2

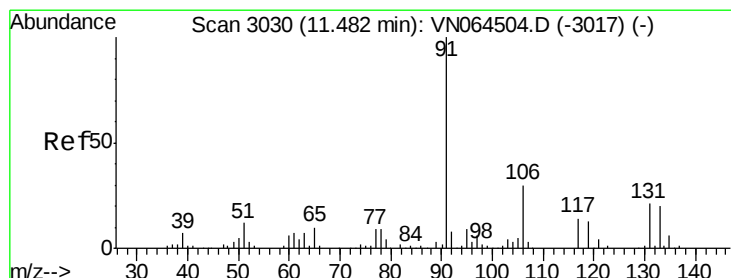
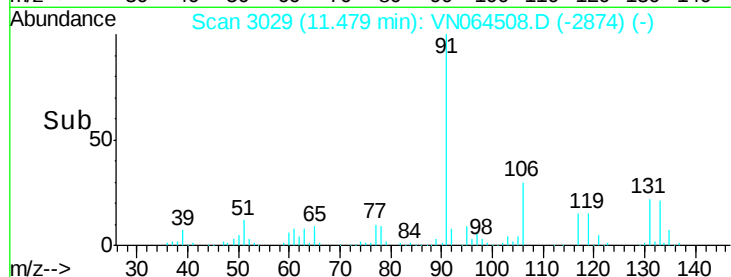
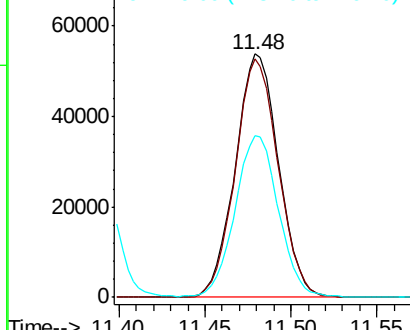
119 66.6 0.0 131.6

Manual Integrations
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Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.532 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064508.D

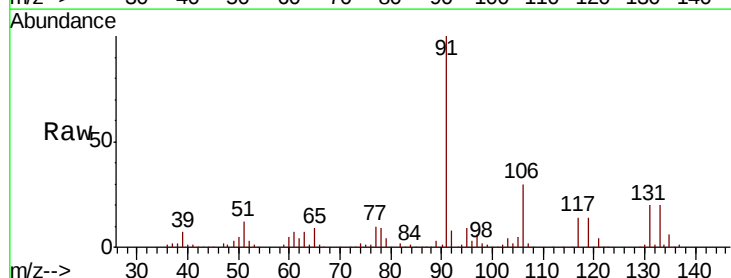
Acq: 9 Nov 2020 15:35

Tgt Ion: 91 Resp: 437562

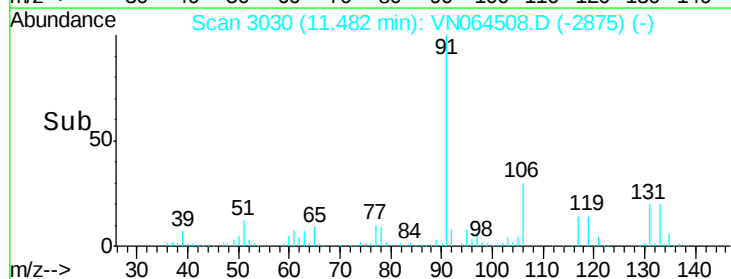
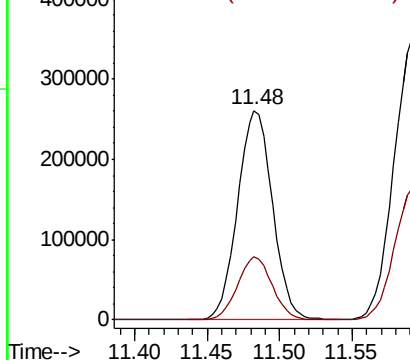
Ion Ratio Lower Upper

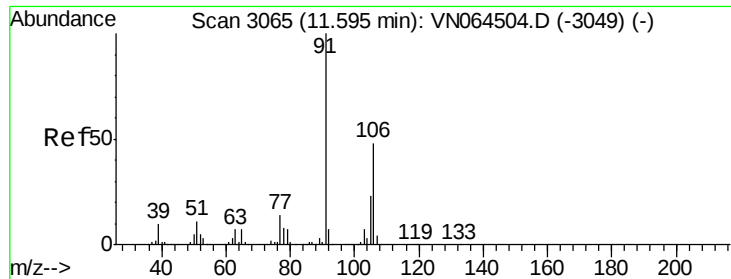
91 100

106 30.2 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 106.00 (105.70 to 106.70): V





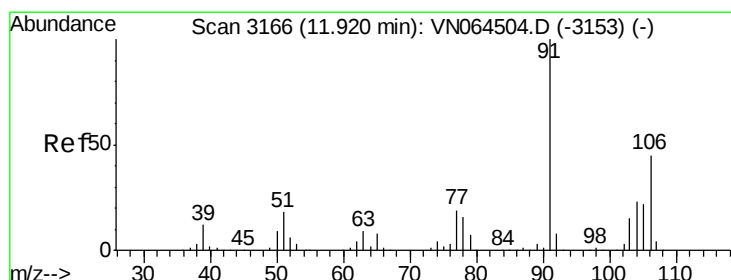
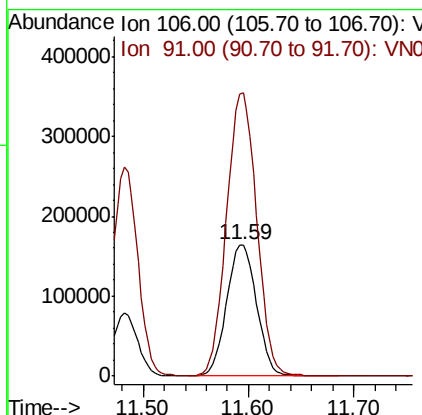
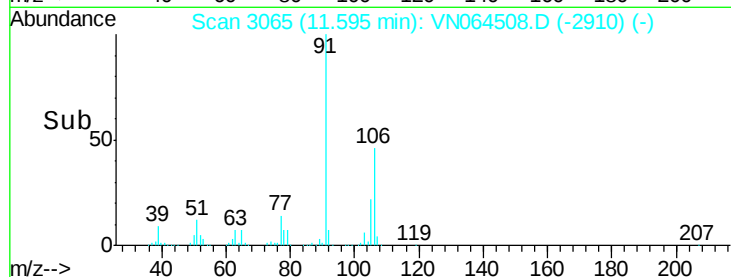
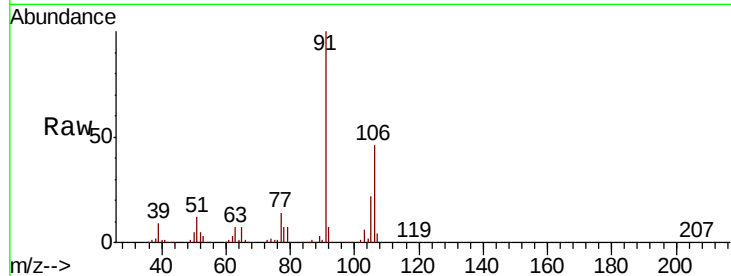
#67
m/p-Xvlenes
Concen: 39.194 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion:106 Resp: 324072
Ion Ratio Lower Upper
106 100
91 215.4 168.8 253.2

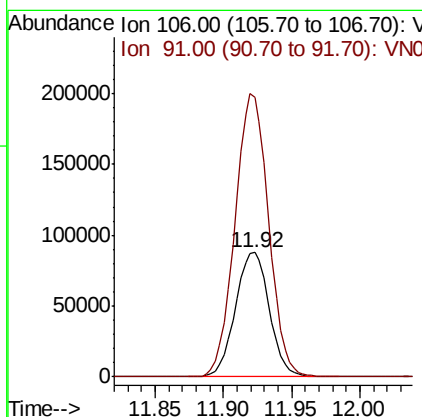
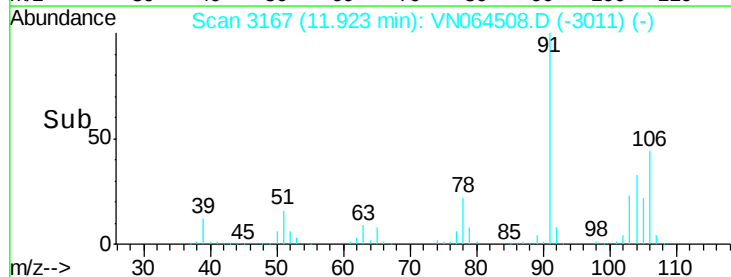
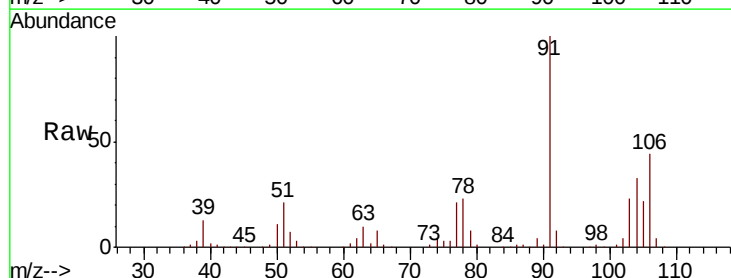
Manual Integrations
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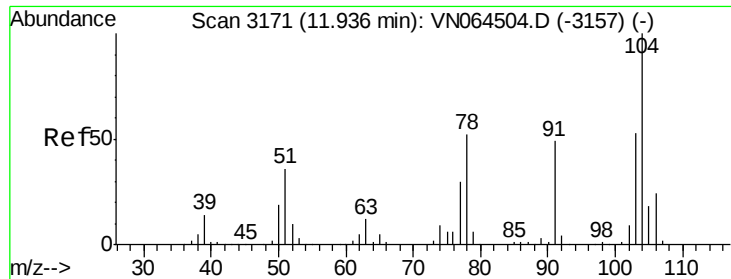
MMDadoda
11/10/2020 1:10:37 PM



#68
o-Xylene
Concen: 19.377 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion:106 Resp: 151619
Ion Ratio Lower Upper
106 100
91 225.3 109.7 329.2





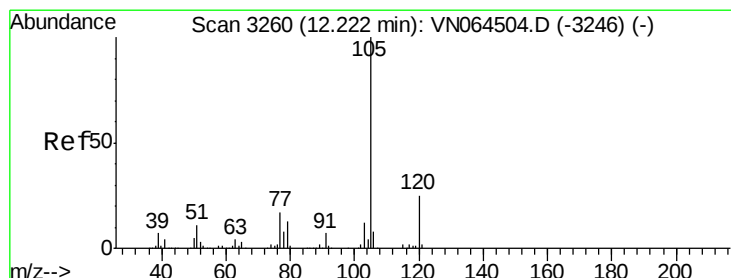
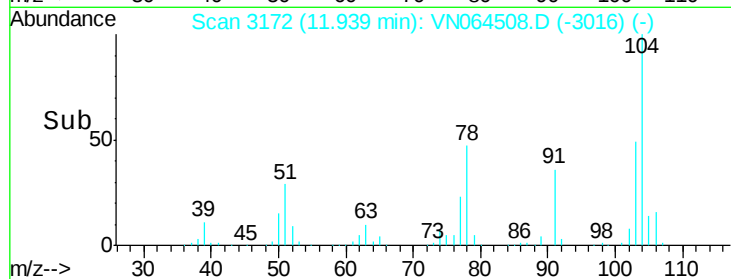
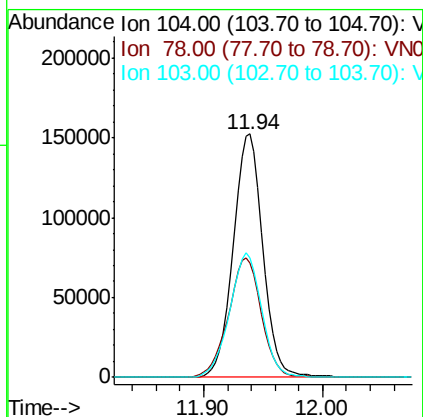
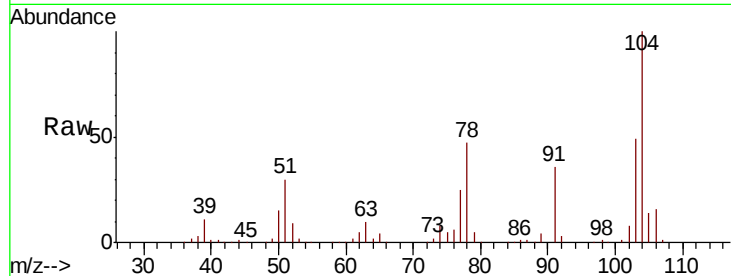
#69
Stvrene
Concen: 19.618 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
104	100		
78	54.6	44.4	66.6
103	55.3	44.6	67.0

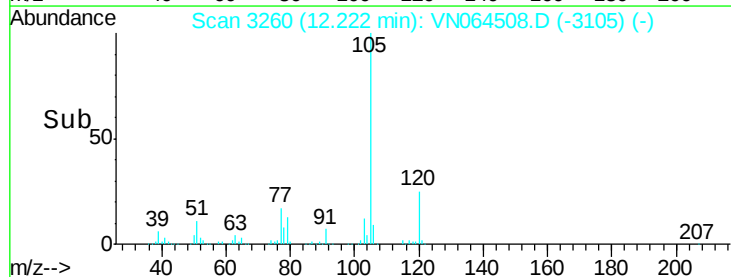
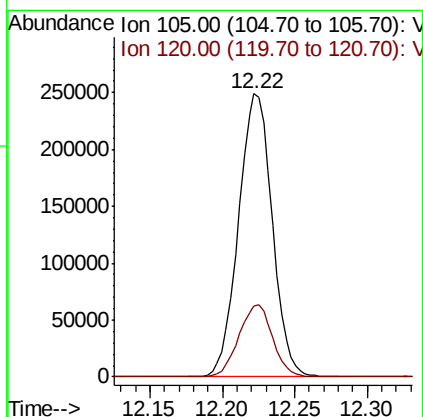
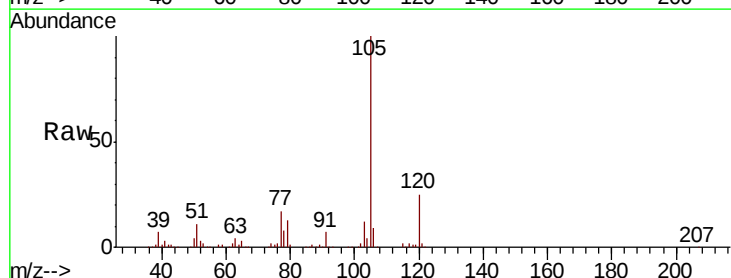
Manual Integrations
APPROVED

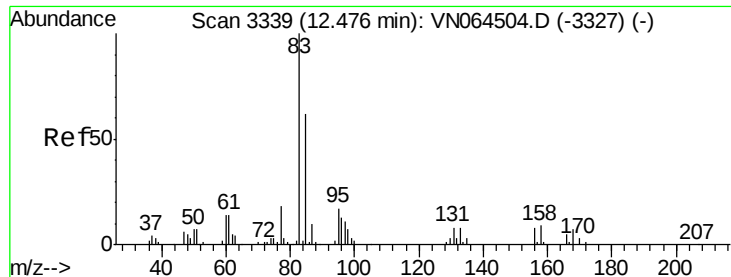
MMDadoda
11/10/2020 1:10:37 PM



#70
Isopropylbenzene
Concen: 19.686 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.4	17.9	33.3





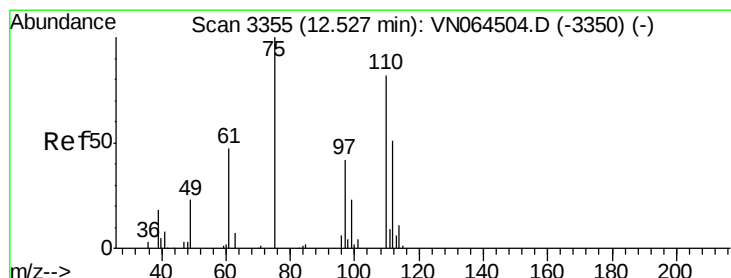
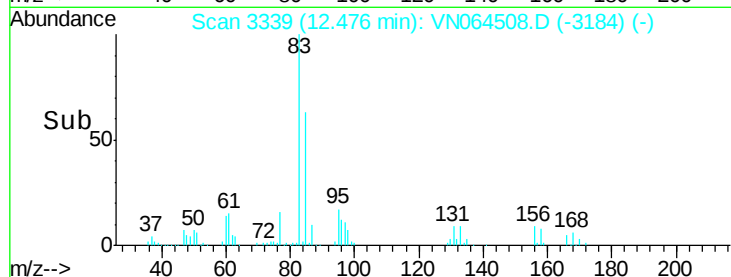
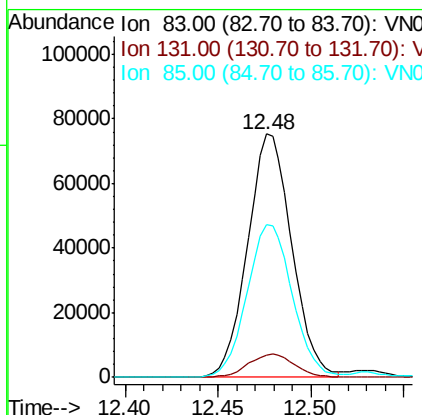
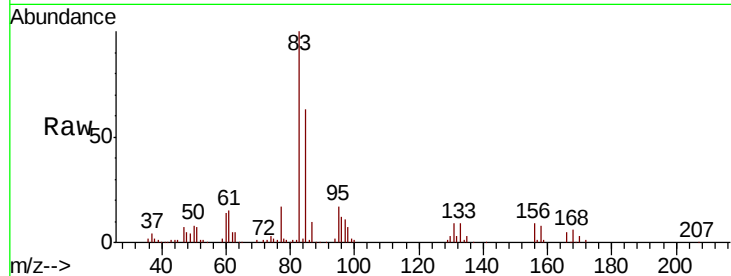
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.121 ug/l
 RT: 12.48 min Scan# 3339
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.0	4.6	13.8
85	64.4	31.4	94.0

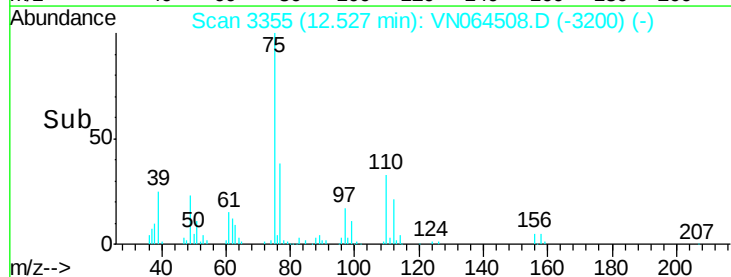
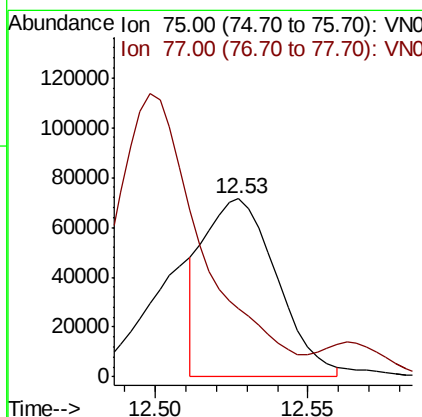
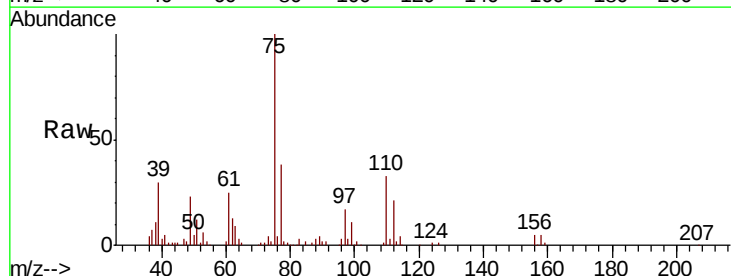
Manual Integrations
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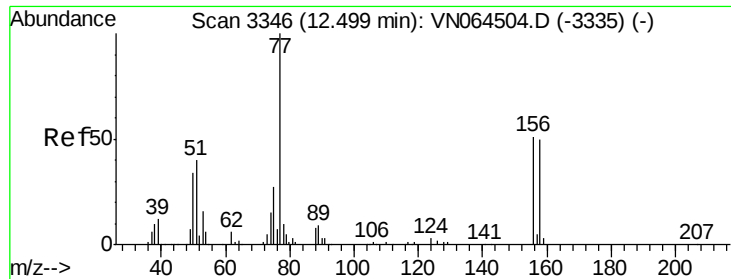
MMDadoda
 11/10/2020 1:10:37 PM



#72
 1,2,3-Trichloropropane
 Concen: 18.014 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	192.9	0.0	379.4





#73

Bromobenzene

Concen: 18.865 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

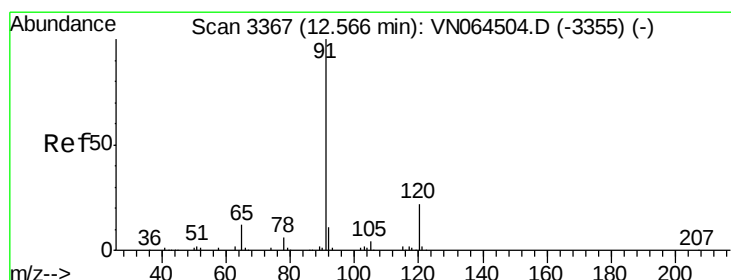
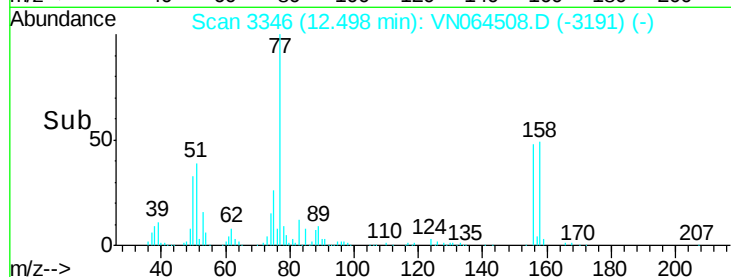
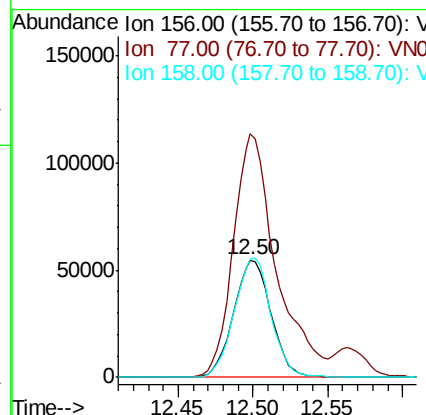
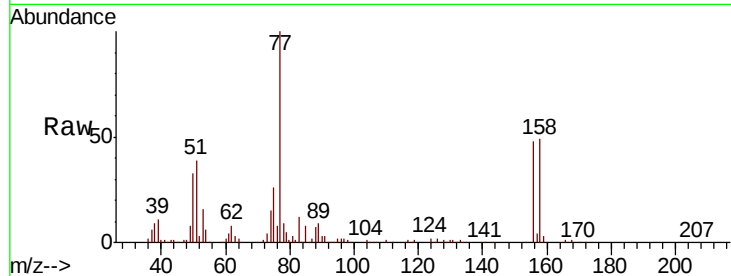
ClientSampleId :

ICVVN110920

Tot Ion	Ratio	Lower	Upper
156	100		
77	237.8	0.0	480.2
158	99.6	0.0	194.0

Manual Integrations
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11/10/2020 1:10:37 PM



#74

n-propylbenzene

Concen: 19.924 ug/l

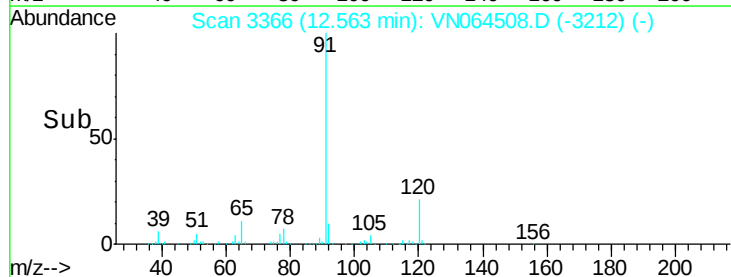
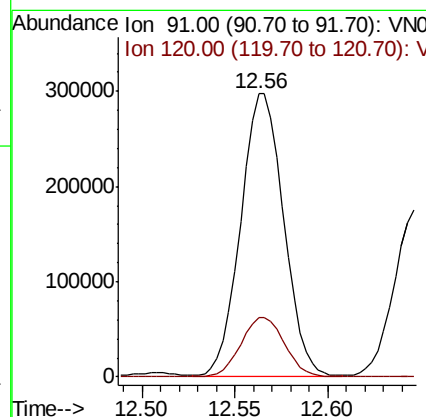
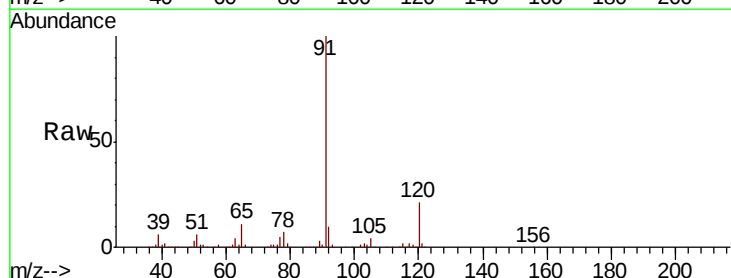
RT: 12.56 min Scan# 3366

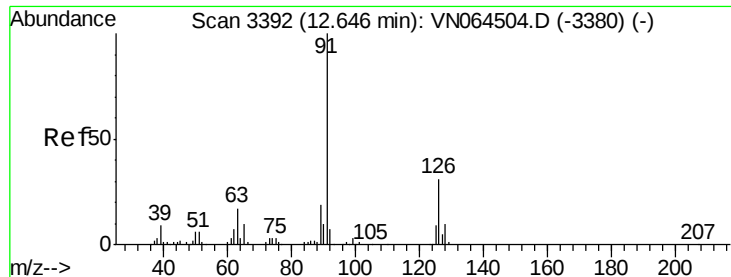
Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.2	0.0	42.8





#75

2-Chlorotoluene

Concen: 19.712 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110920

Tot Ion: 91 Resp: 298568

Ion Ratio Lower Upper

91 100

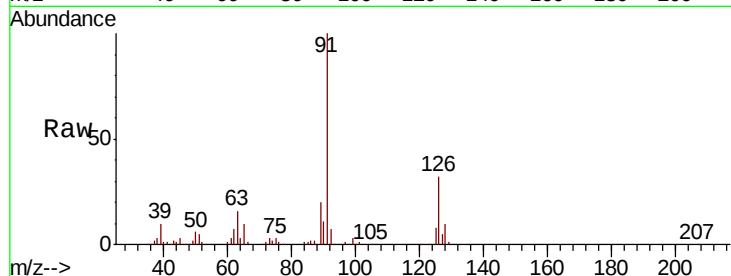
126 31.9 0.0 61.8

Manual Integrations

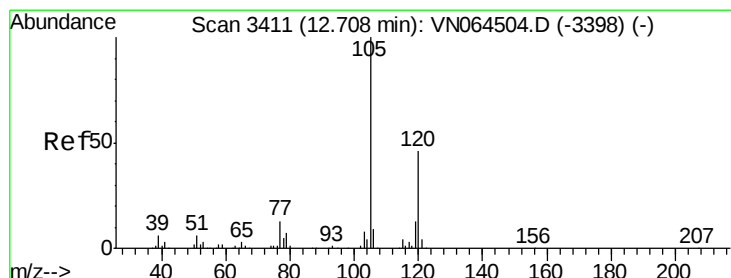
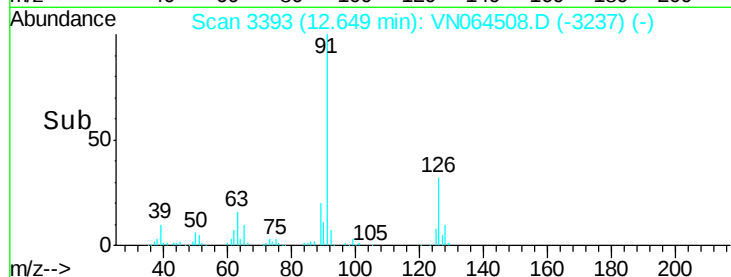
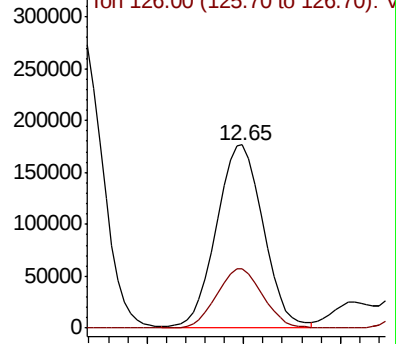
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Abundance Ion 91.00 (90.70 to 91.70): VN064508.D (-3392) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.682 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064508.D

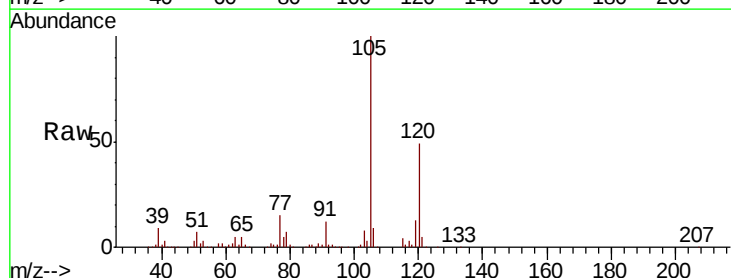
Acq: 9 Nov 2020 15:35

Tgt Ion: 105 Resp: 340280

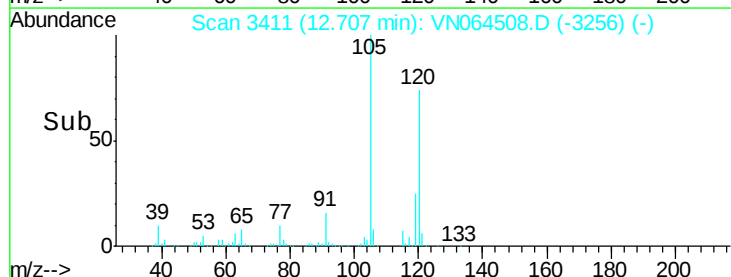
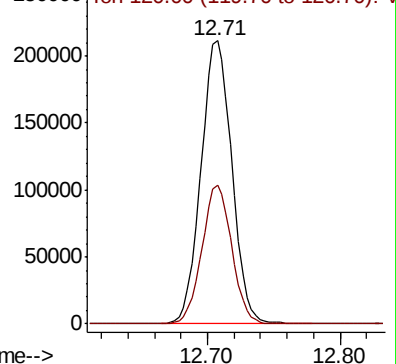
Ion Ratio Lower Upper

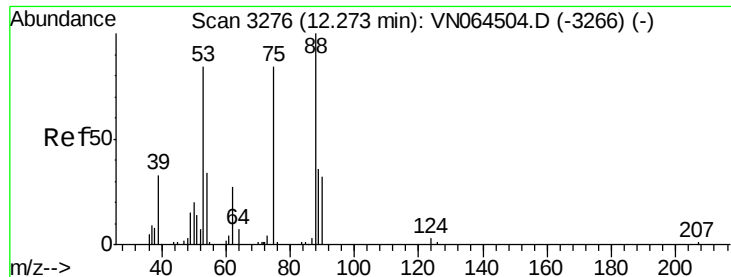
105 100

120 47.3 0.0 90.4



Abundance Ion 105.00 (104.70 to 105.70): VN064508.D (-3411) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 17.334 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110920

Tot Ion: 75 Resp: 41340

Ion Ratio Lower Upper

75 100

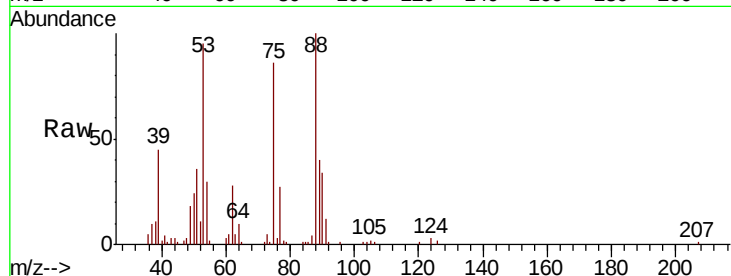
53 109.5 50.3 150.9

89 47.2 23.3 69.8

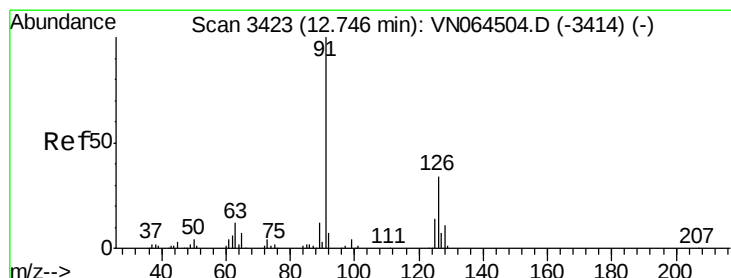
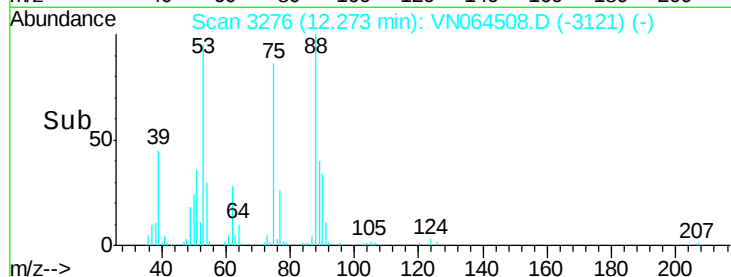
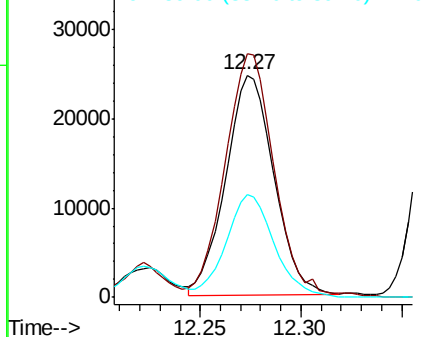
Manual Integrations
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Abundance Ion 75.00 (74.70 to 75.70): VN0
Ion 53.00 (52.70 to 53.70): VN0
Ion 89.00 (88.70 to 89.70): VN0



#78

4-Chlorotoluene

Concen: 19.550 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064508.D

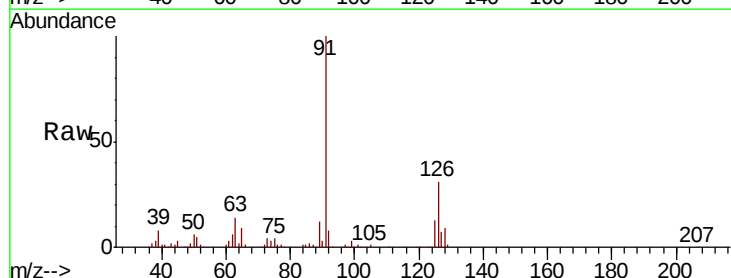
Acq: 9 Nov 2020 15:35

Tgt Ion: 91 Resp: 311144

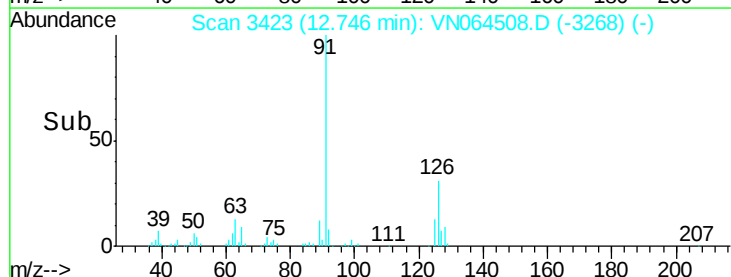
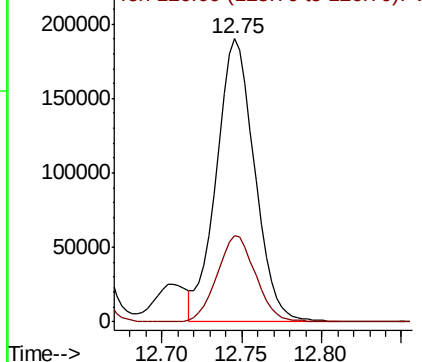
Ion Ratio Lower Upper

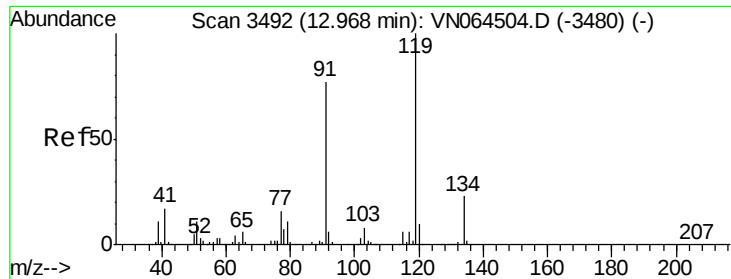
91 100

126 30.8 0.0 61.8



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 126.00 (125.70 to 126.70): V





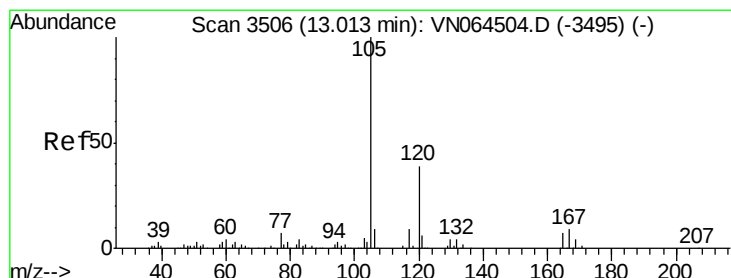
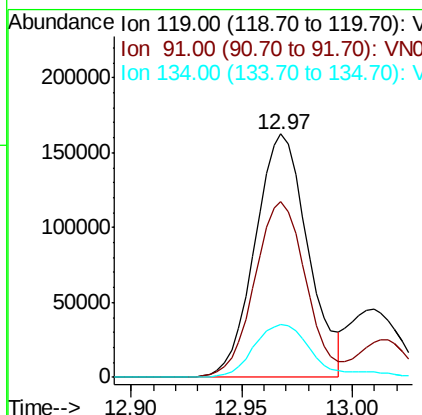
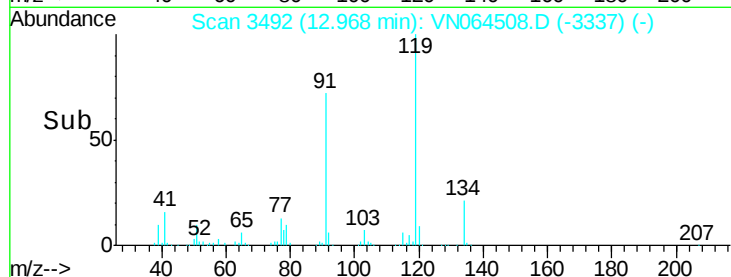
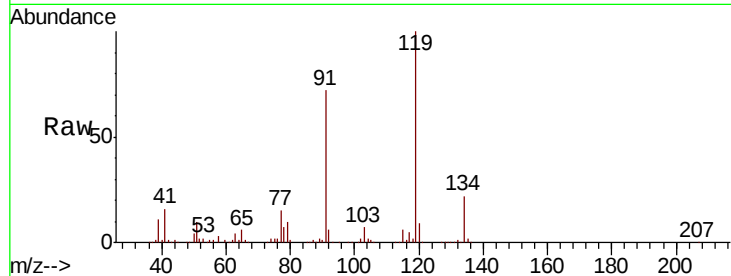
#79
tert-butylbenzene
Concen: 19.914 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Resp	Lower	Upper
119	100	270200		
91	70.0	0.0	147.8	
134	22.7	0.0	50.6	

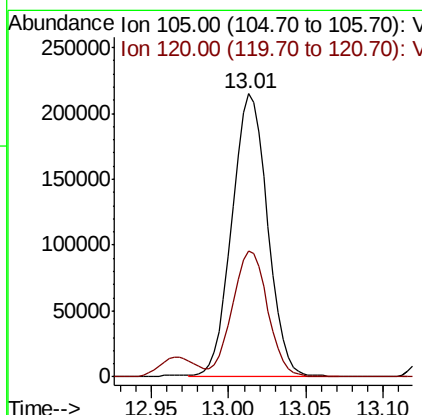
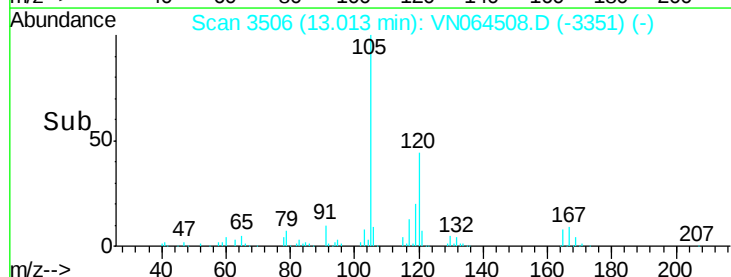
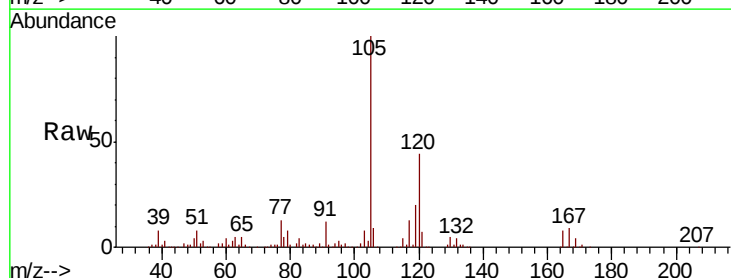
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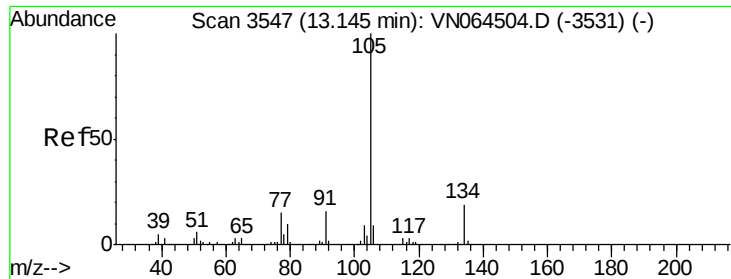
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#80
1,2,4-Trimethylbenzene
Concen: 19.643 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	342240		
120	44.2	0.0	88.6	





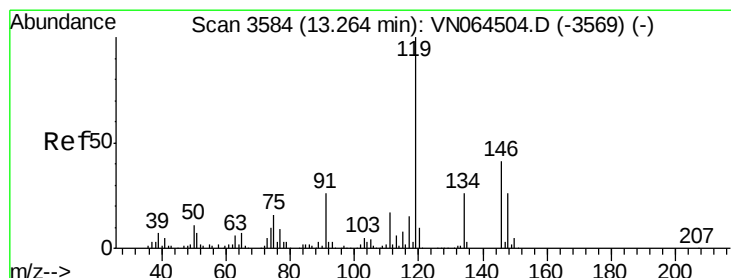
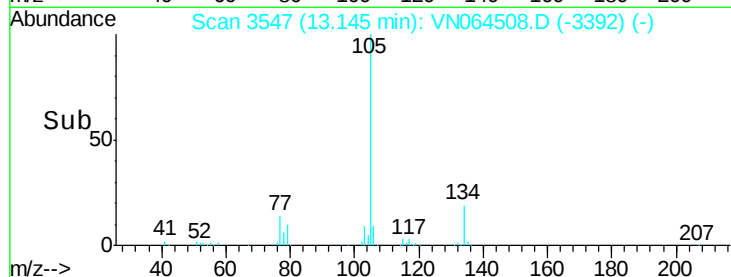
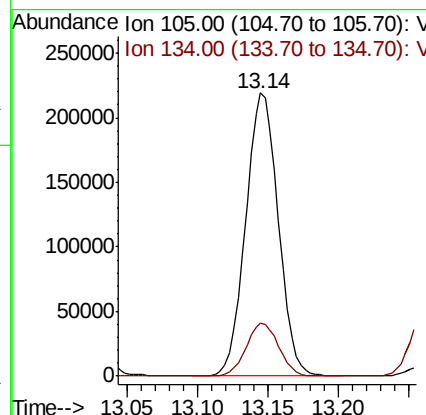
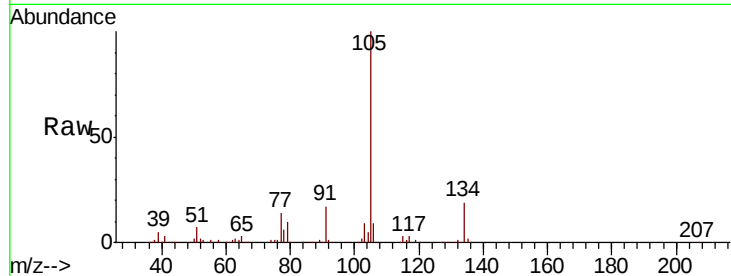
#81
 sec-Butylbenzene
 Concen: 19.648 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.7	0.0	37.8

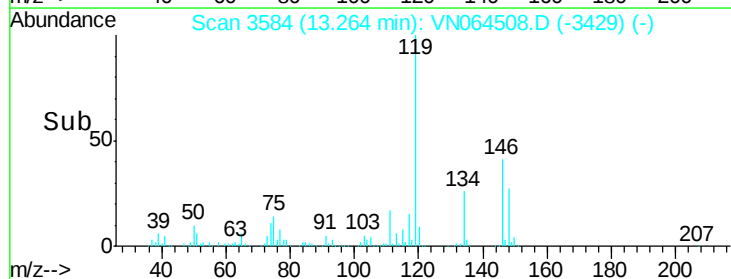
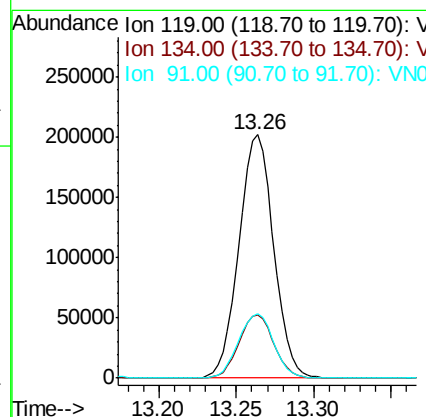
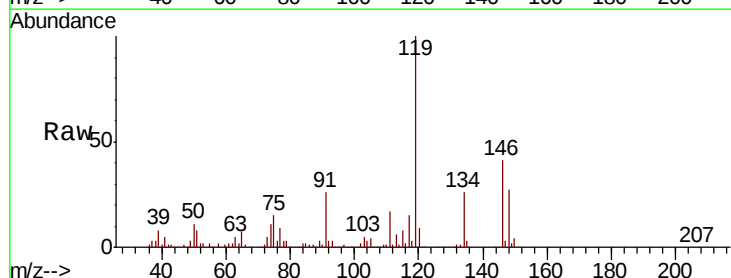
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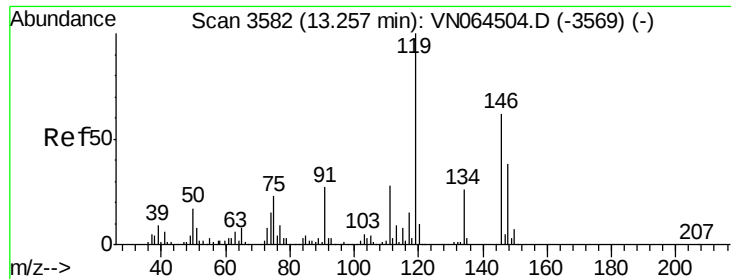
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#82
 p-Isopropyltoluene
 Concen: 19.503 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	53.0
91	27.2	0.0	53.2





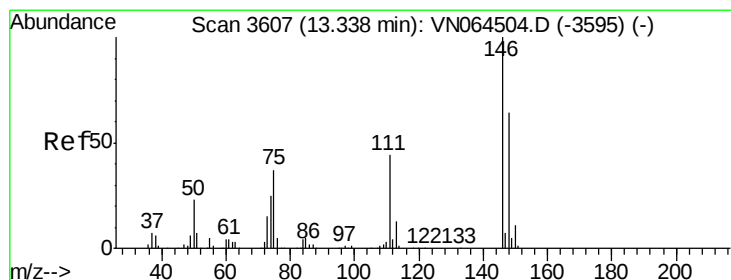
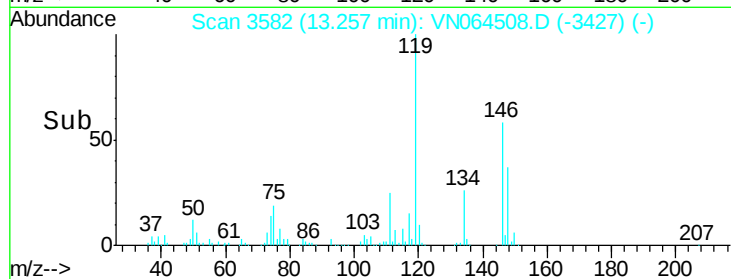
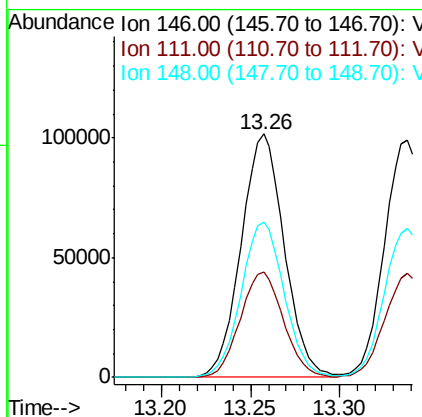
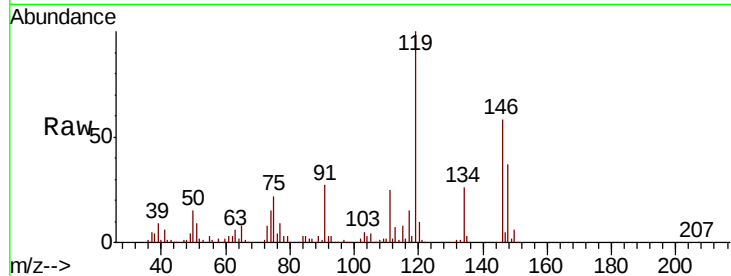
#83
 1,3-Dichlorobenzene
 Concen: 19.312 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110920

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	22.3	66.9
148	63.7	31.8	95.3

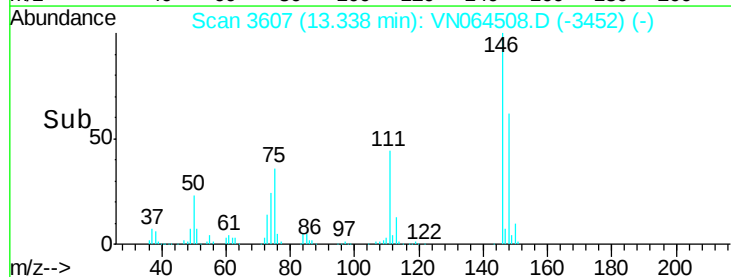
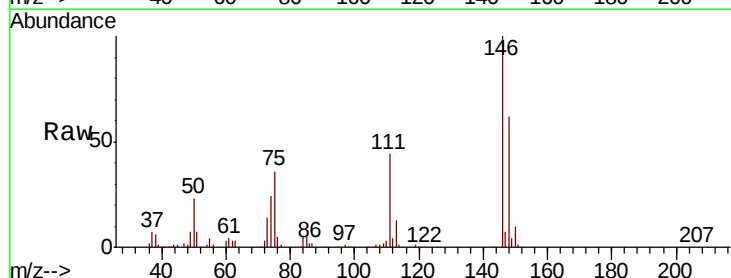
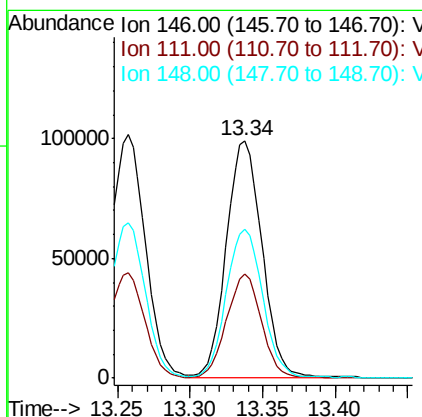
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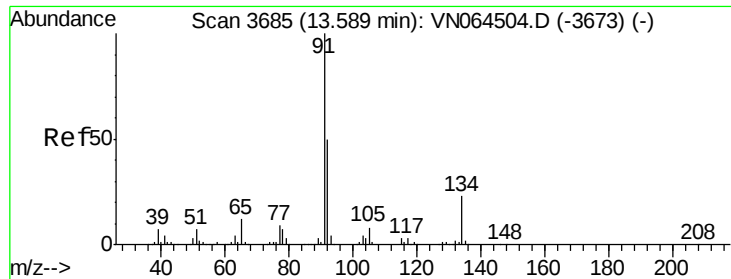
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#84
 1,4-Dichlorobenzene
 Concen: 19.056 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064508.D
 Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.8	65.4
148	64.7	31.5	94.5





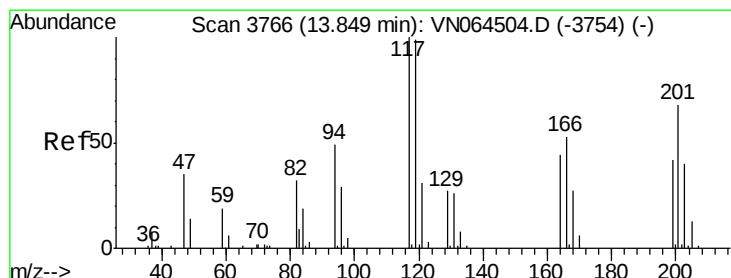
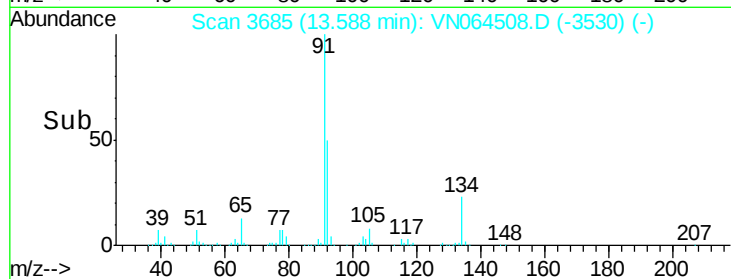
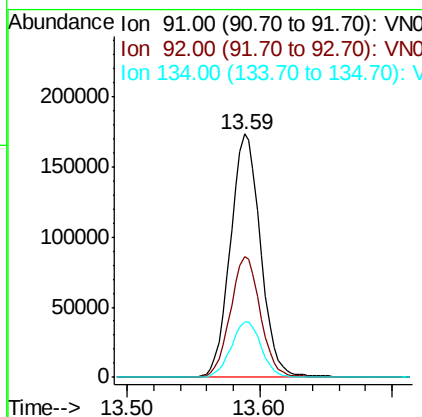
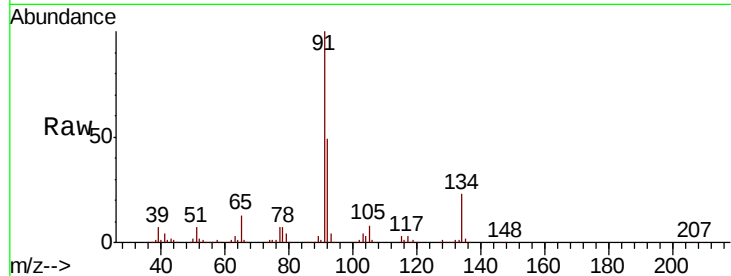
#85
n-Butylbenzene
Concen: 19.685 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.5	0.0	101.4
134	22.8	0.0	45.2

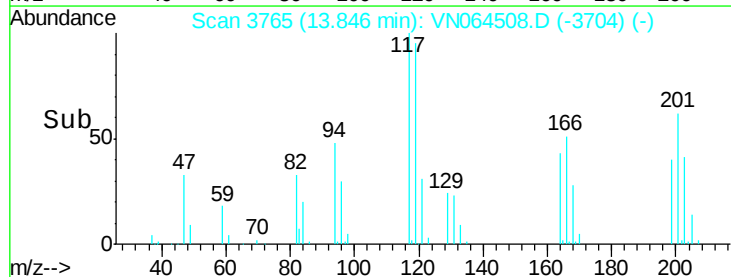
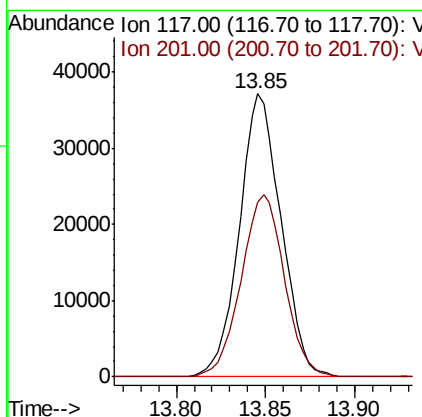
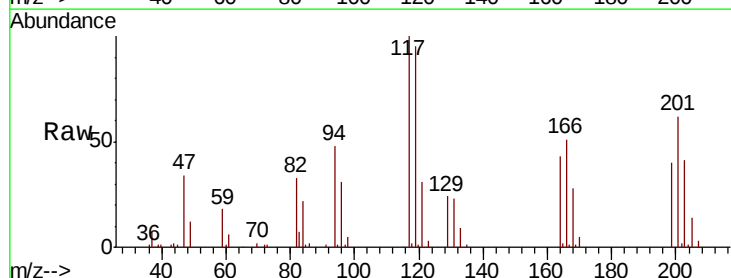
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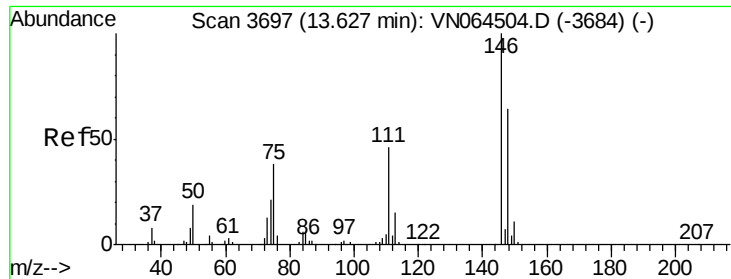
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#86
Hexachloroethane
Concen: 18.946 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.9	33.1	99.3





#87

1,2-Dichlorobenzene

Concen: 19.505 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Instrument :

MSVOA_N

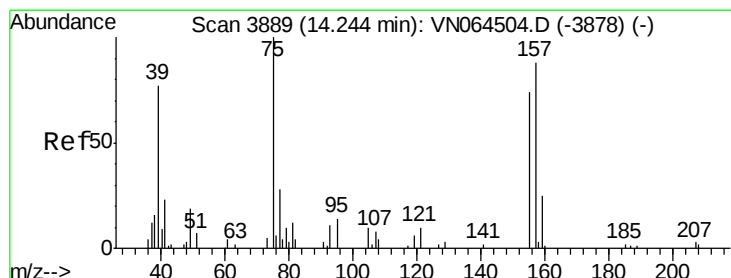
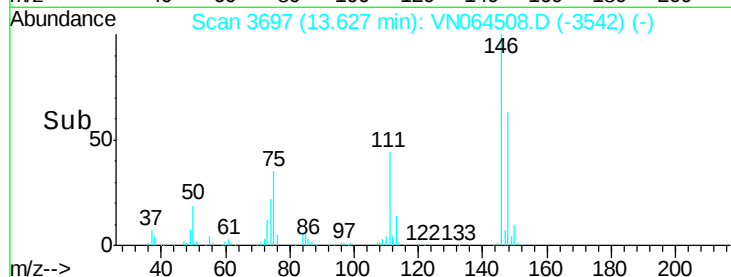
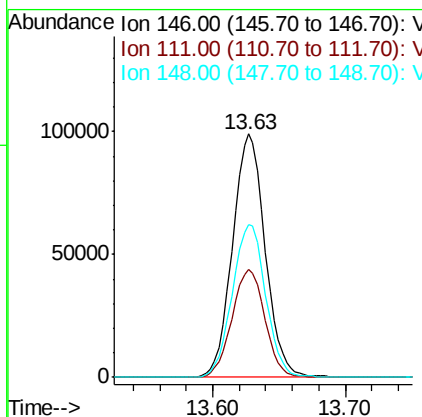
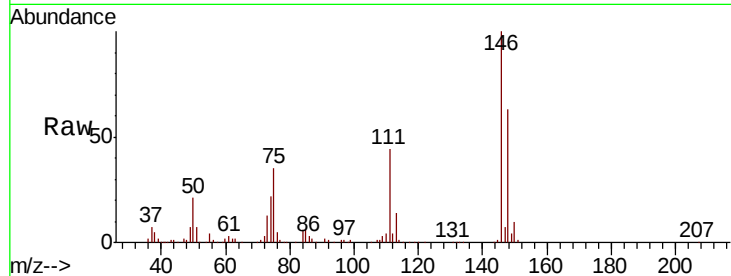
ClientSampleId :

ICVVN110920

Tot Ion:	146	Resp:	169318
Ion Ratio	Lower	Upper	
146	100		
111	45.0	23.1	69.2
148	64.3	32.6	97.8

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.430 ug/l

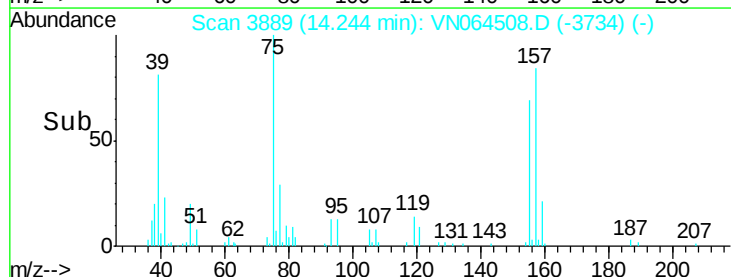
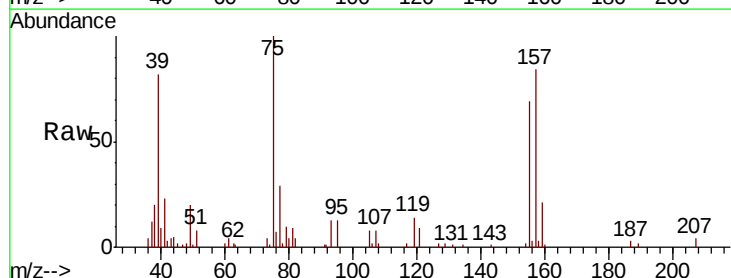
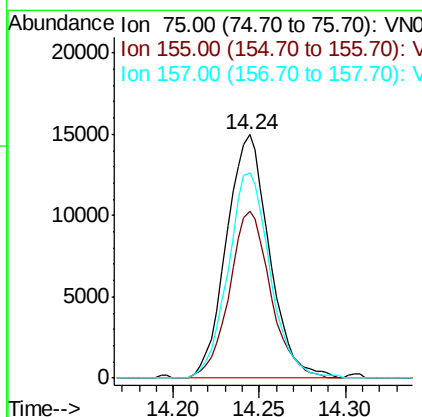
RT: 14.24 min Scan# 3889

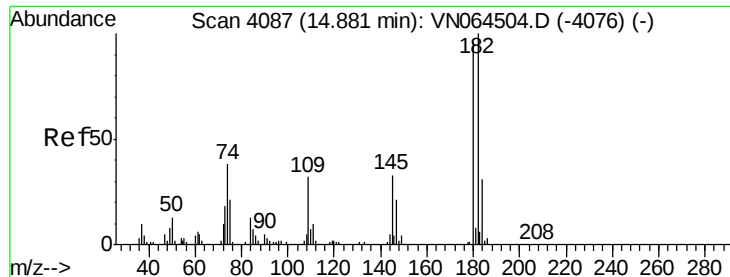
Delta R.T. -0.00 min

Lab File: VN064508.D

Acq: 9 Nov 2020 15:35

Tgt Ion:	75	Resp:	26115
Ion Ratio	Lower	Upper	
75	100		
155	65.9	56.5	84.7
157	82.5	69.7	104.5





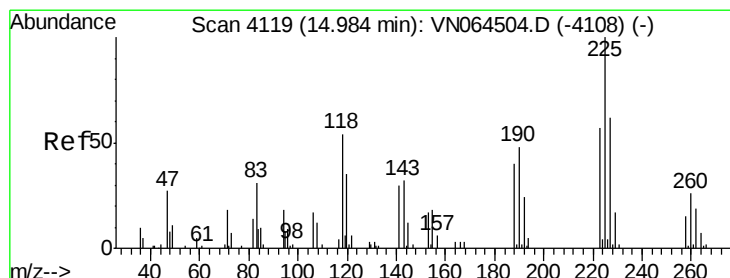
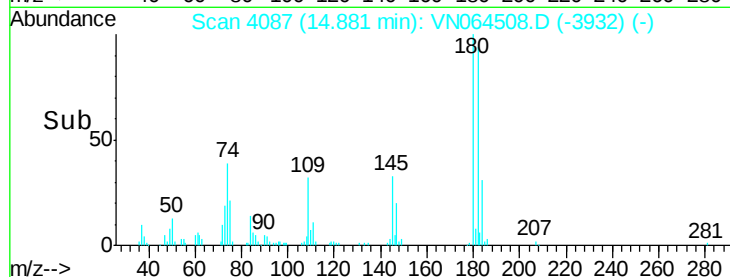
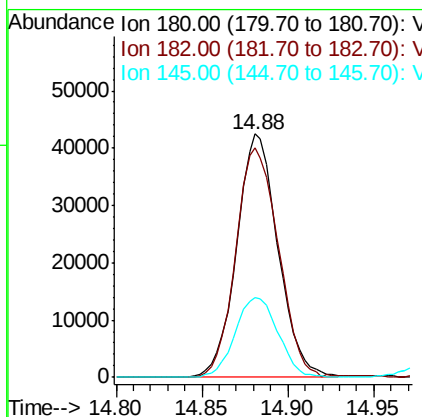
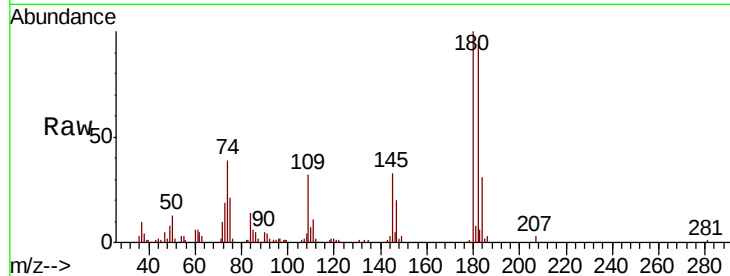
#89
1,2,4-Trichlorobenzene
Concen: 18.040 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	79.4	119.0
145	34.1	27.6	41.4

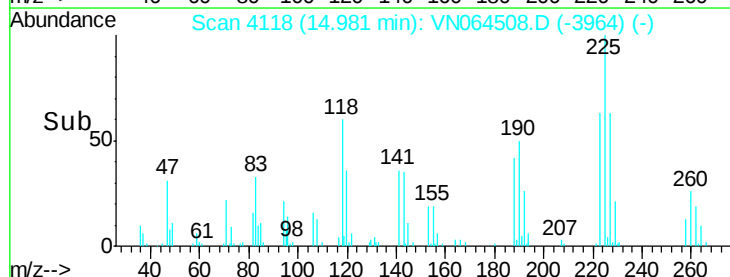
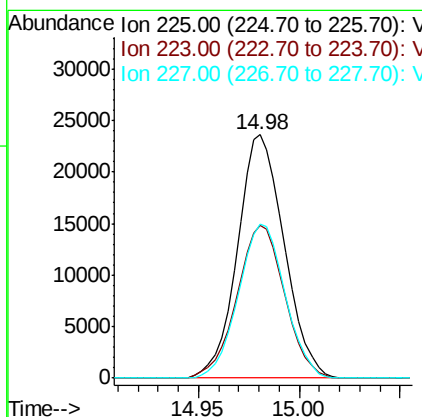
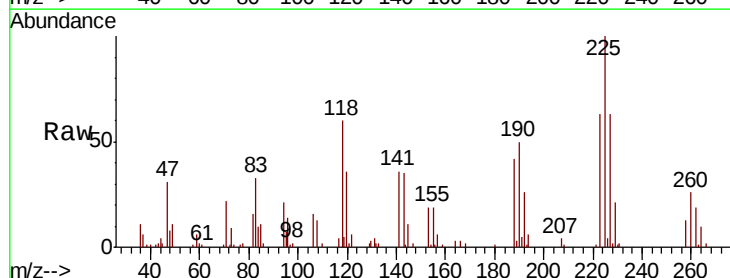
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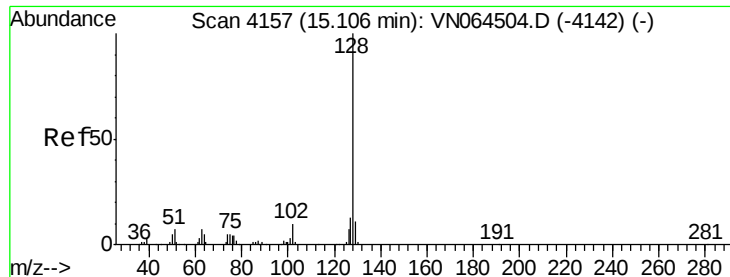
MMDadoda
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#90
Hexachlorobutadiene
Concen: 19.455 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.2	0.0	125.4
227	63.3	0.0	122.0





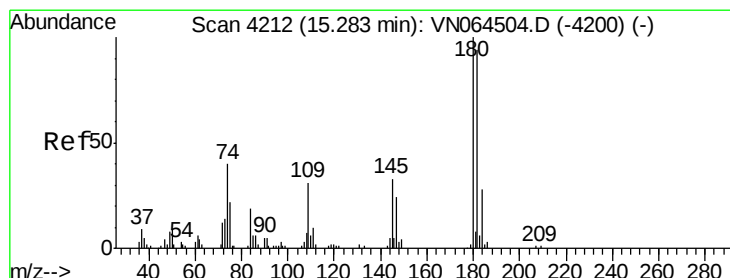
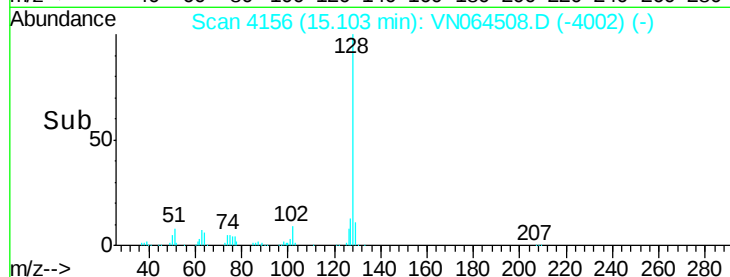
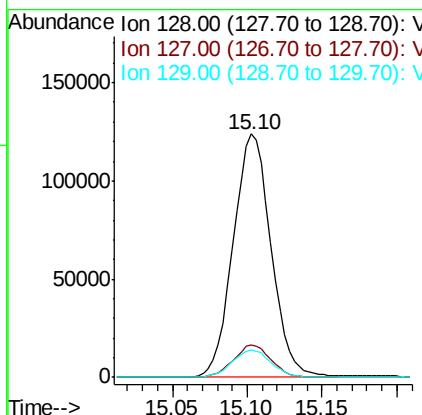
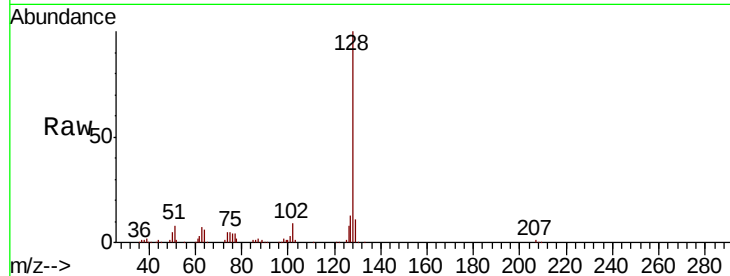
#91
Naphthalene
Concen: 16.784 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110920

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.6	8.5	12.7

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#92
1,2,3-Trichlorobenzene
Concen: 18.350 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064508.D
Acq: 9 Nov 2020 15:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	0.0	186.0
145	35.5	0.0	69.6

