

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063893.D
 Acq On : 6 Oct 2020 14:31
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Manual Integrations
 APPROVED

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 10/7/2020 12:11:39 PM

Quant Time: Oct 06 16:49:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	60242	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	330977	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	317511	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	167327	30.93	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.10%
60) 4-Bromofluorobenzene	12.38	95	157033	28.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.40%
63) Toluene-d8	10.06	98	431030	29.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.83%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	84998	20.846	ug/l 98
3) Chloromethane	2.04	50	81009	19.199	ug/l 97
4) Vinyl Chloride	2.17	62	83859	19.978	ug/l 100
5) Bromomethane	2.55	94	52204	19.322	ug/l 99
6) Chloroethane	2.68	64	49573	18.825	ug/l 98
7) Trichlorofluoromethane	2.99	101	130990	19.768	ug/l 100
8) Diethyl Ether	3.37	74	40834	19.032	ug/l 91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	68834	19.992	ug/l 94
10) 1,1-Dichloroethene	3.70	96	62638	19.377	ug/l # 77
11) Methyl Iodide	3.91	142	67728	16.421	ug/l 86
12) Methyl Acetate	4.28	43	69668	17.511	ug/l 100
13) Acrolein	3.57	56	35942	92.814	ug/l 98
14) Acrylonitrile	4.93	53	141522	86.518	ug/l 96
15) Acetone	3.77	58	44425m	93.824	ug/l
16) Carbon Disulfide	4.01	76	186876	19.493	ug/l 99
17) Allyl chloride	4.28	41	115379	19.176	ug/l 83
18) Methylene Chloride	4.51	84	72981	18.835	ug/l 90
19) trans-1,2-Dichloroethene	4.99	96	70871	19.409	ug/l 95
20) Diisopropyl ether	5.90	45	232742	19.243	ug/l 94
21) 1,1-Dichloroethane	5.80	63	140794m	19.228	ug/l
22) cis-1,2-Dichloroethene	6.78	96	83406	20.121	ug/l 96
23) tert-Butyl Alcohol	4.72	59	58779	83.773	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	208698	19.244	ug/l 91
25) Chloroform	7.33	83	145690	18.976	ug/l 100
26) Cyclohexane	7.61	56	103599	19.643	ug/l # 98
29) 1,1-Dichloropropene	7.75	75	105732	18.242	ug/l 99
30) 2-Butanone	6.78	43	238536	83.908	ug/l 97
31) 2,2-Dichloropropane	6.78	77	129352	18.674	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	136377	18.444	ug/l 97
33) Carbon Tetrachloride	7.73	117	117656	18.161	ug/l 96
34) Benzene	8.00	78	303399	18.411	ug/l 99
35) Methacrylonitrile	7.12	41	40197	14.877	ug/l 90
36) 1,2-Dichloroethane	8.08	62	127306	17.582	ug/l 95
37) Trichloroethene	8.80	130	78864	18.265	ug/l 97
38) Methylcyclohexane	9.05	83	92928	18.989	ug/l 99
39) 1,2-Dichloropropane	9.08	63	82322	18.385	ug/l 99
40) Dibromomethane	9.17	93	54893	17.553	ug/l 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	117645	18.100	ug/l	97
42) Vinyl Acetate	5.84	43	1043176	88.416	ug/l	98
43) Ethyl Acetate	6.88	43	100581	16.521	ug/l	94
44) Isopropyl Acetate	8.12	43	171959	17.044	ug/l	94
45) 1,4-Dioxane	9.17	88	18447	285.178	ug/l #	90
46) Methyl methacrylate	9.16	41	83612	16.657	ug/l	82
47) n-amyl Acetate	12.05	43	142960	15.937	ug/l	95
48) t-1,3-Dichloropropene	10.35	75	124868	17.778	ug/l	96
49) cis-1,3-Dichloropropene	9.81	75	133580	18.340	ug/l #	82
50) 1,1,2-Trichloroethane	10.53	97	75165	18.000	ug/l	97
51) Ethyl methacrylate	10.40	69	103969m	17.165	ug/l	
52) 1,3-Dichloropropane	10.68	76	127509	17.826	ug/l	96
53) Dibromochloromethane	10.87	129	85172	17.721	ug/l	99
54) 1,2-Dibromoethane	10.98	107	78077	17.833	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	187531	58.018	ug/l	99
56) Bromoform	12.10	173	55568	16.685	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	512816	83.221	ug/l	94
59) 2-Hexanone	10.72	43	375158	81.737	ug/l	94
61) Tetrachloroethene	10.60	164	76966	19.108	ug/l	92
62) Toluene	10.12	91	329811	18.086	ug/l	98
64) Chlorobenzene	11.41	112	203556	18.417	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.48	131	76360	17.665	ug/l	97
66) Ethyl Benzene	11.48	91	369380	18.446	ug/l	97
67) m/p-Xylenes	11.60	106	278035	37.337	ug/l	98
68) o-Xylene	11.92	106	127015	17.902	ug/l	93
69) Styrene	11.94	104	216292	17.867	ug/l	95
70) Isopropylbenzene	12.22	105	346797	18.395	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	100118	16.801	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	96137m	15.821	ug/l	
73) Bromobenzene	12.50	156	86996	18.207	ug/l	92
74) n-propylbenzene	12.57	91	406812	18.459	ug/l	99
75) 2-Chlorotoluene	12.65	91	253833	18.882	ug/l	94
76) 1,3,5-Trimethylbenzene	12.71	105	295211	18.569	ug/l	97
77) t-1,4-Dichloro-2-butene	12.27	75	34333	15.885	ug/l	87
78) 4-Chlorotoluene	12.75	91	263277	18.495	ug/l	95
79) tert-butylbenzene	12.97	119	232425	18.249	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	288619	18.110	ug/l	100
81) sec-Butylbenzene	13.14	105	305214	18.232	ug/l	97
82) p-Isopropyltoluene	13.26	119	273734	18.091	ug/l	96
83) 1,3-Dichlorobenzene	13.26	146	154488	18.179	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	152965	18.120	ug/l	96
85) n-Butylbenzene	13.59	91	244248	18.451	ug/l	99
86) Hexachloroethane	13.85	117	45541	17.464	ug/l	80
87) 1,2-Dichlorobenzene	13.63	146	148624	17.823	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.24	75	22417	15.743	ug/l	88
89) 1,2,4-Trichlorobenzene	14.88	180	76605	18.073	ug/l	96
90) Hexachlorobutadiene	14.98	225	43430	19.345	ug/l	97
91) Naphthalene	15.10	128	222550	17.163	ug/l	98
92) 1,2,3-Trichlorobenzene	15.28	180	75105	18.192	ug/l	97

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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

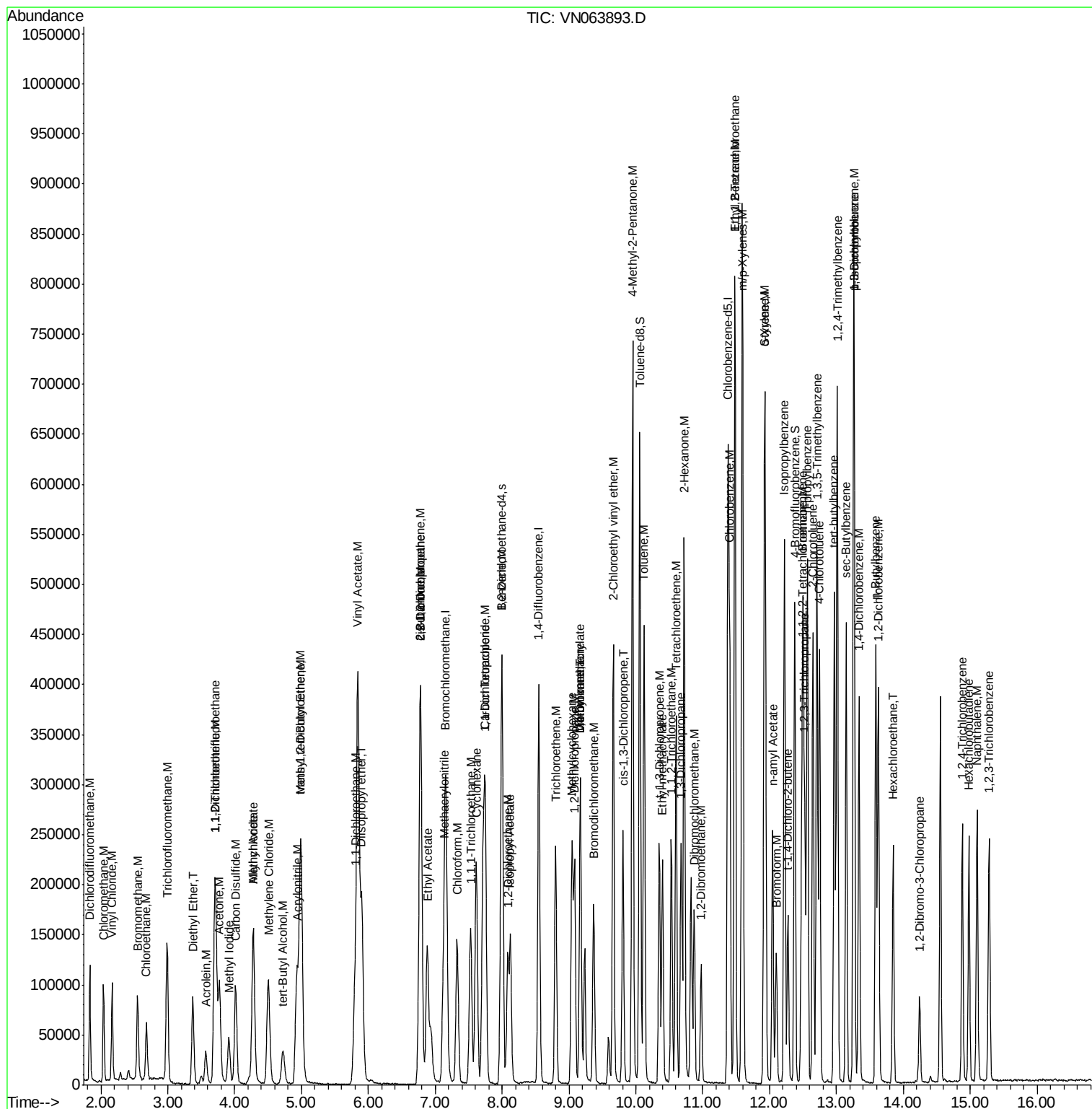
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
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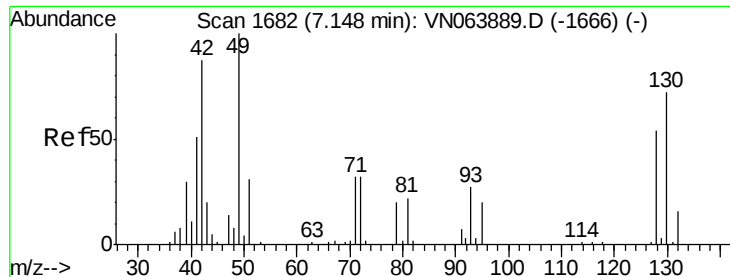
Instrument :
MSVOA_N
Client Sampled :
ICVVN100620

Manual Integrations
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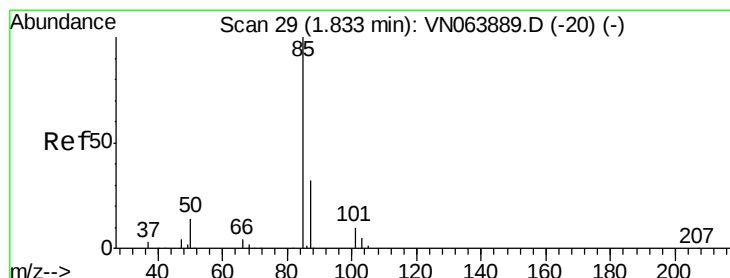
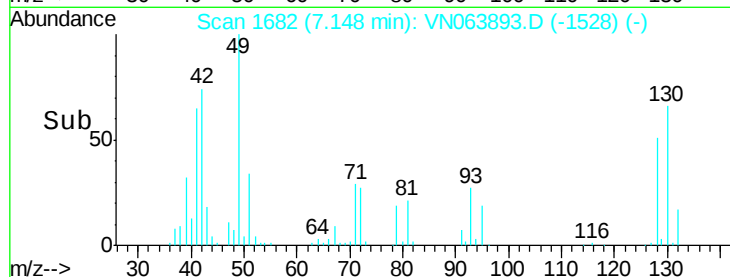
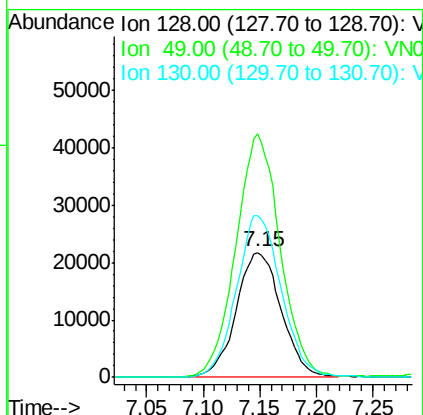
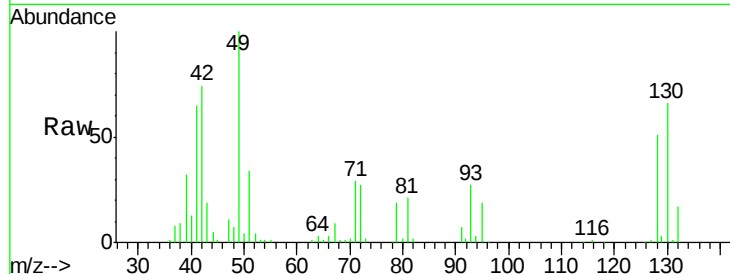
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
128	100		
49	192.4	0.0	437.5
130	129.1	0.0	327.3

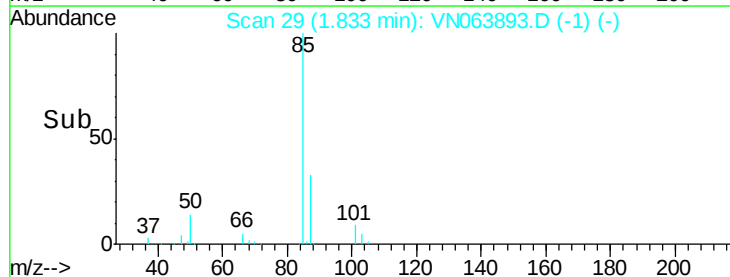
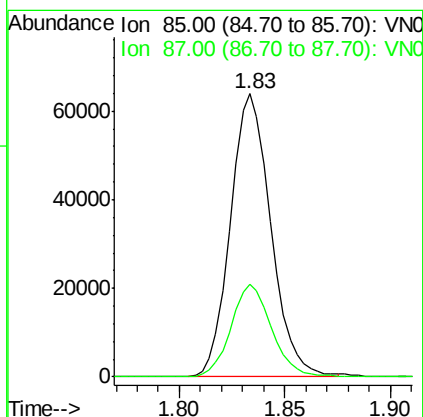
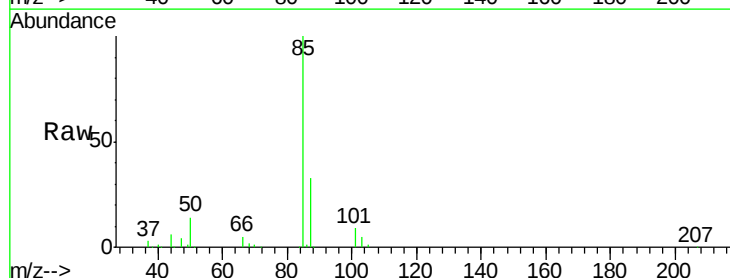
Manual Integrations
APPROVED

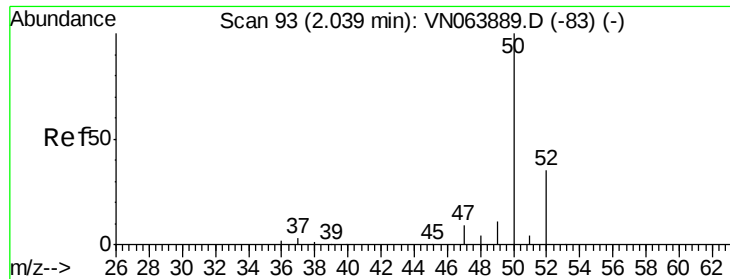
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#2
Dichlorodifluoromethane
Concen: 20.846 ug/l
RT: 1.83 min Scan# 29
Delta R.T. 0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.8	16.9	50.6





#3

Chloromethane

Concen: 19.199 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100620

Tot Ion: 50 Resp: 81009

Ion Ratio Lower Upper

50 100

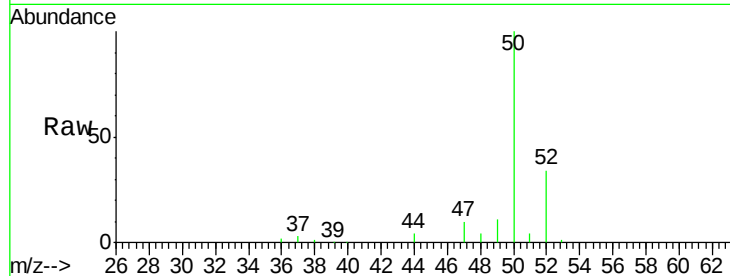
52 34.2 26.0 39.0

Manual Integrations

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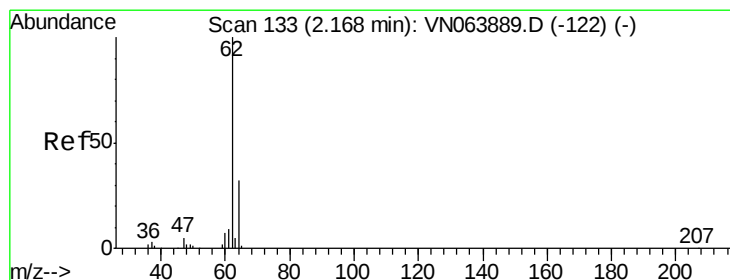
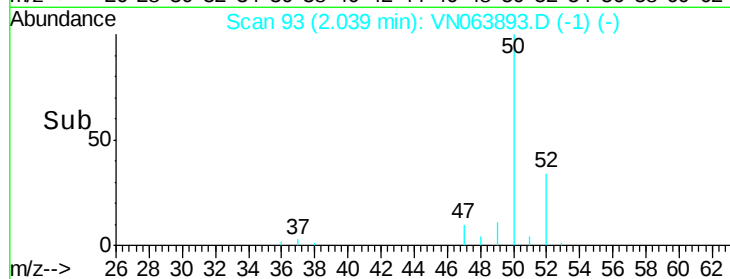
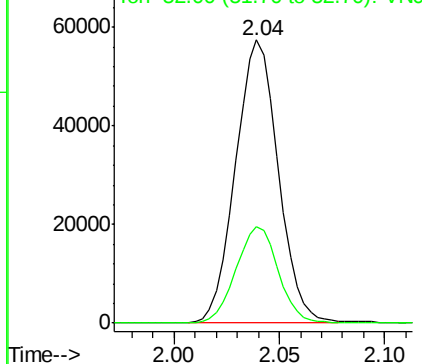
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Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#4

Vinyl Chloride

Concen: 19.978 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.01 min

Lab File: VN063893.D

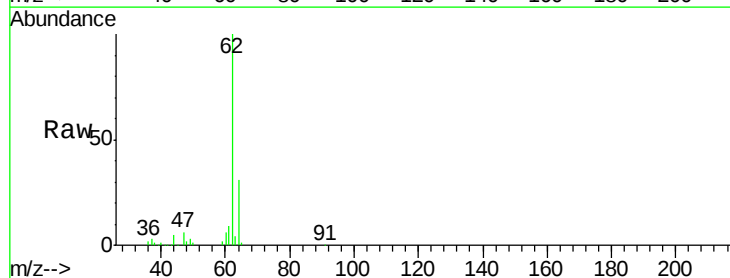
Acq: 6 Oct 2020 14:31

Tgt Ion: 62 Resp: 83859

Ion Ratio Lower Upper

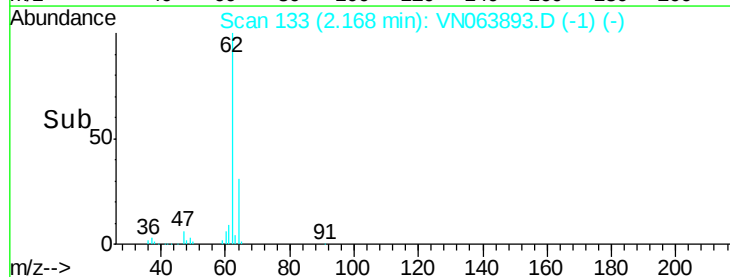
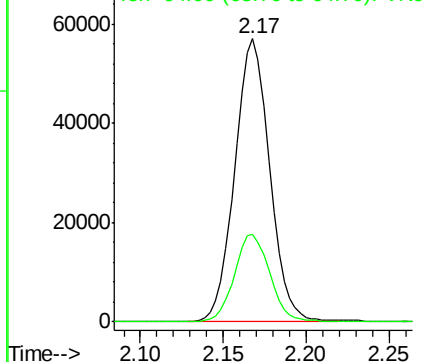
62 100

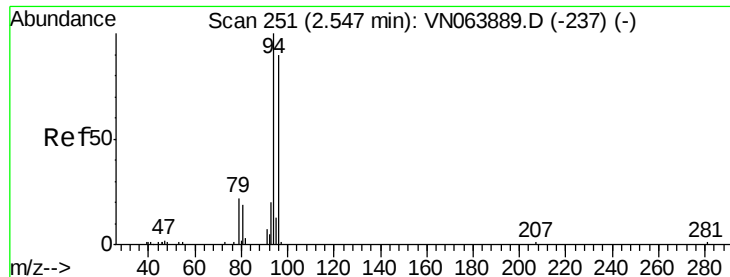
64 31.1 25.0 37.4



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0





#5

Bromomethane

Concen: 19.322 ug/l

RT: 2.55 min Scan# 251

Delta R.T. 0.02 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

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ClientSampleId :

ICVFN100620

Tot Ion: 94 Resp: 52204

Ion Ratio Lower Upper

94 100

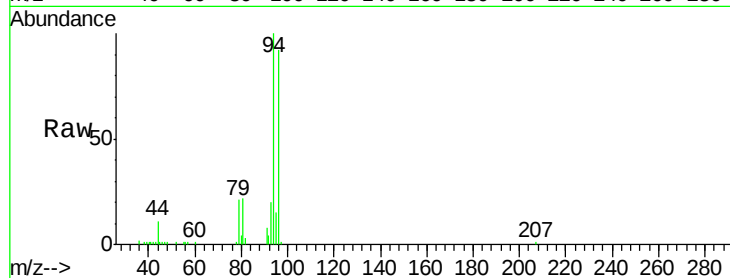
96 91.7 74.0 111.0

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

30000

25000

20000

15000

10000

5000

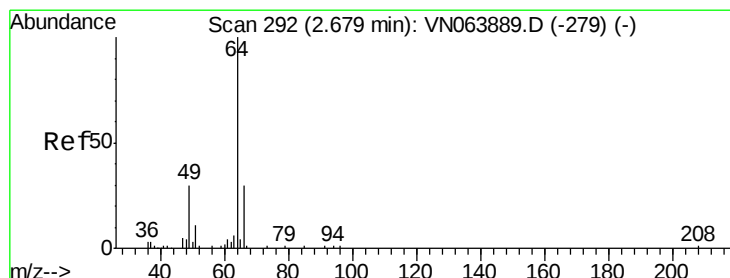
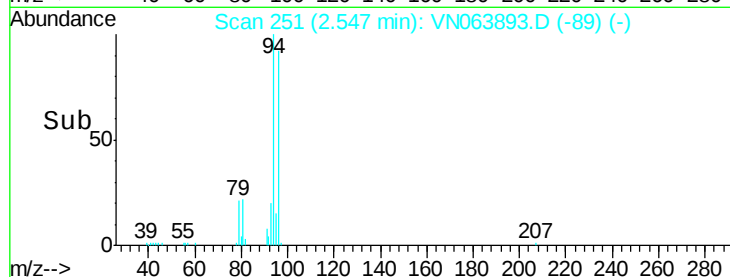
0

2.50

2.55

2.60

Time-->



#6

Chloroethane

Concen: 18.825 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063893.D

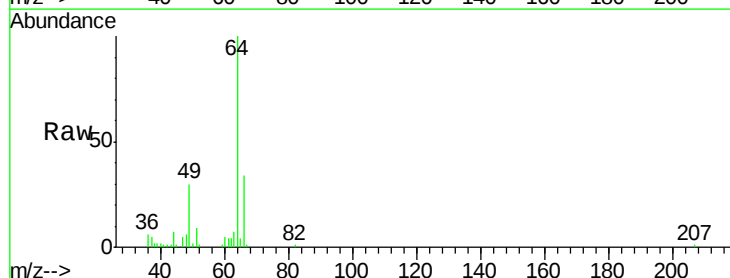
Acq: 6 Oct 2020 14:31

Tgt Ion: 64 Resp: 49573

Ion Ratio Lower Upper

64 100

66 33.5 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

30000

25000

20000

15000

10000

5000

0

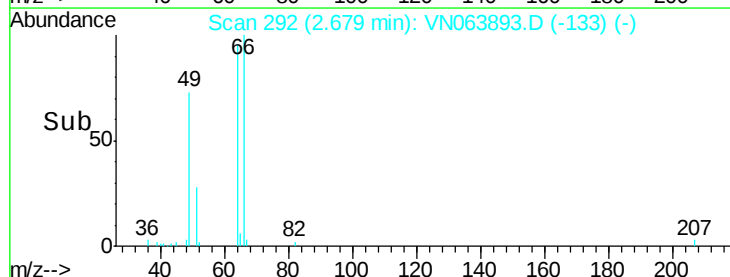
2.60

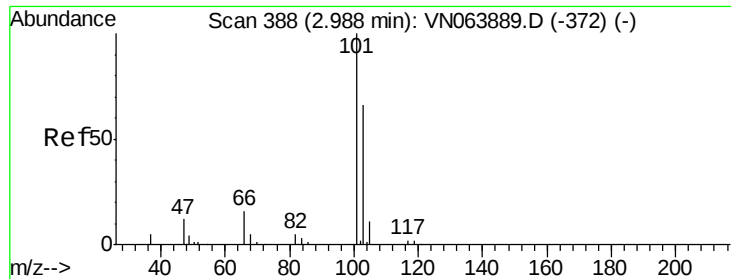
2.65

2.70

2.75

Time-->





#7

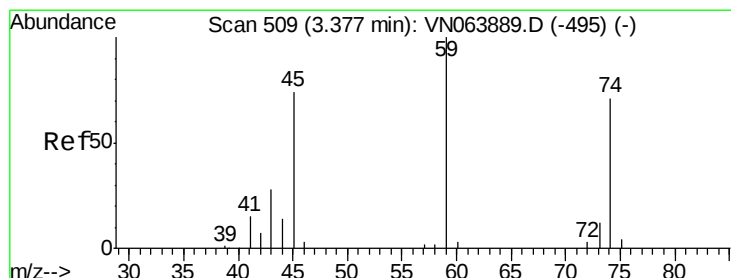
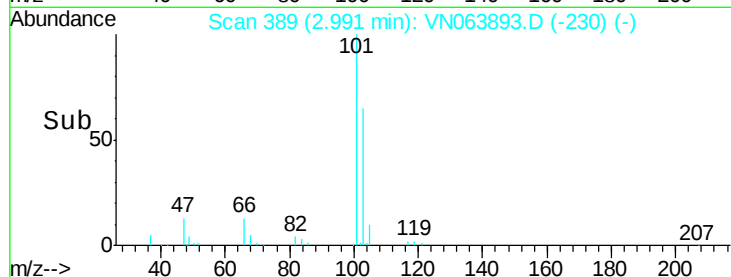
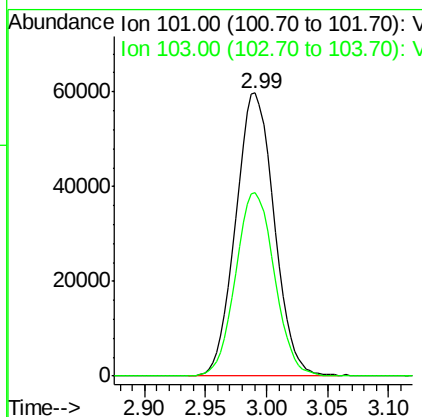
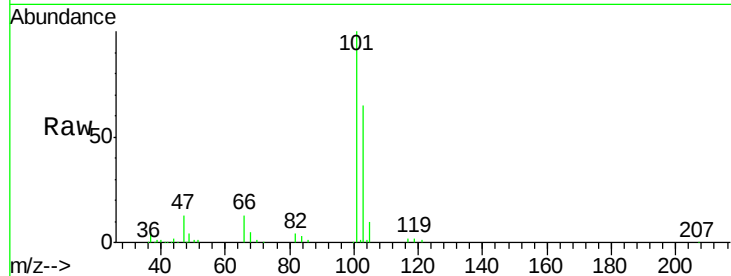
Trichlorofluoromethane
 Concen: 19.768 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.9	77.9

Manual Integrations
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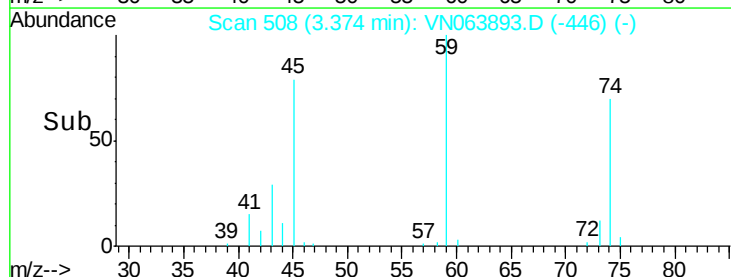
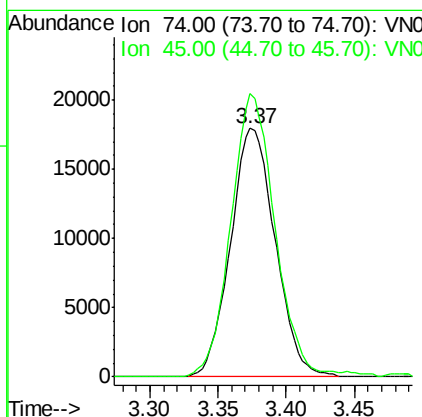
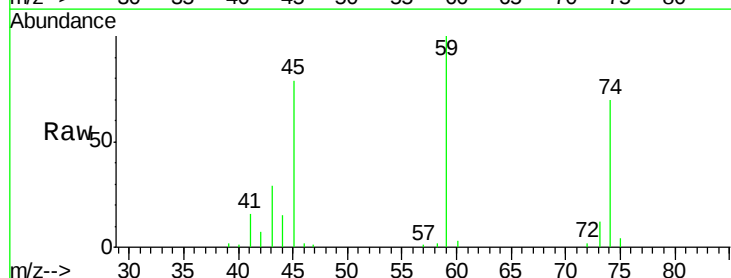
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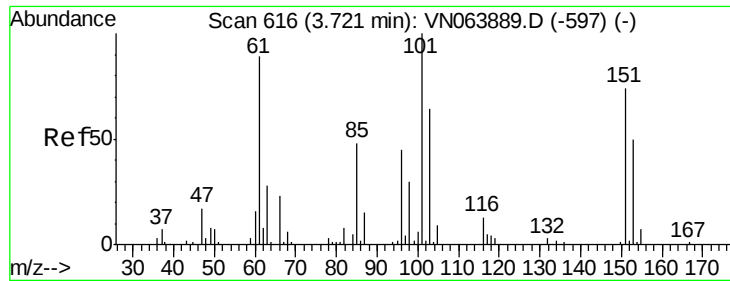


#8

Diethyl Ether
 Concen: 19.032 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.9	20.6	185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.992 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

MSVOA_N

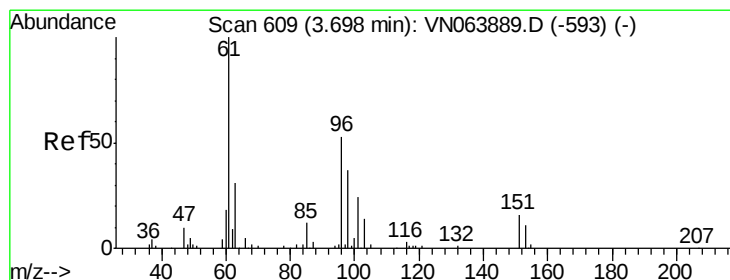
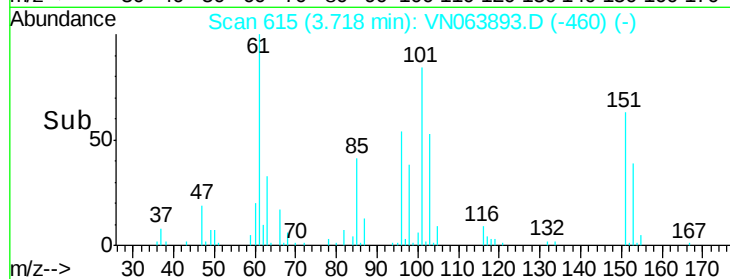
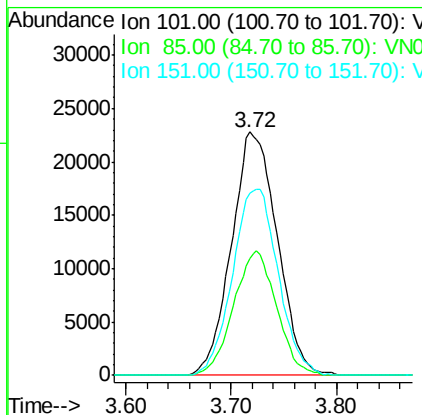
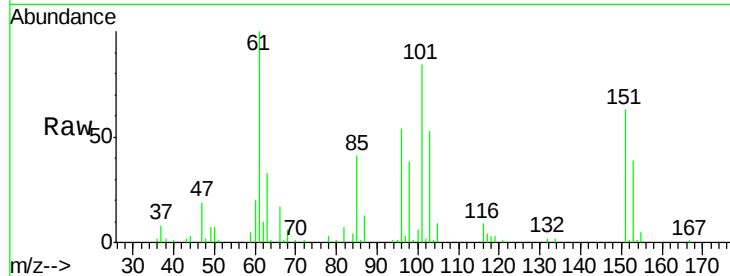
ClientSampleId :

ICVVN100620

Tot Ion:	101	Resp:	68834
Ion Ratio	Lower	Upper	
101	100		
85	47.9	0.0	85.0
151	76.2	0.0	161.6

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#10

1,1-Dichloroethene

Concen: 19.377 ug/l

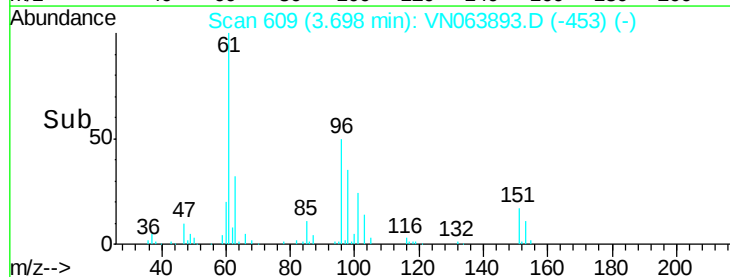
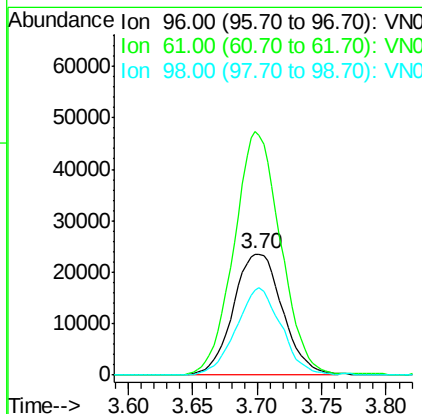
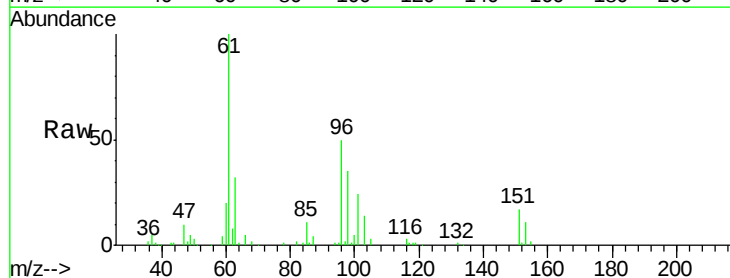
RT: 3.70 min Scan# 609

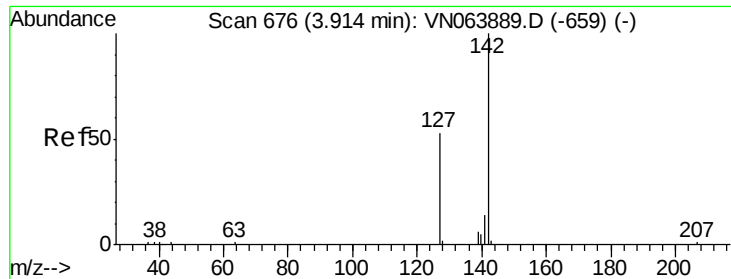
Delta R.T. 0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Tgt Ion:	96	Resp:	62638
Ion Ratio	Lower	Upper	
96	100		
61	200.3	130.8	196.2#
98	70.2	49.0	73.4





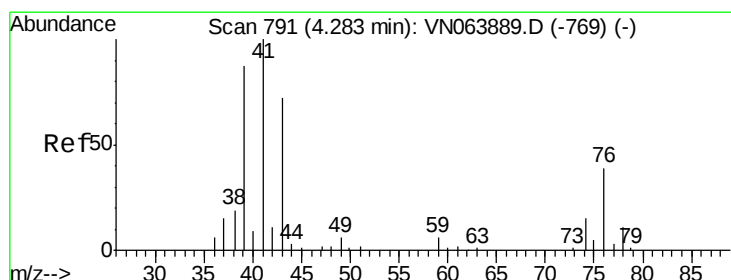
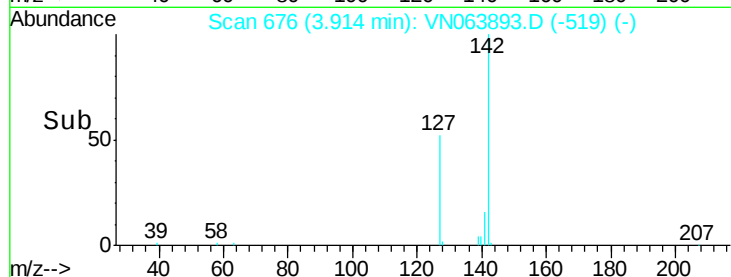
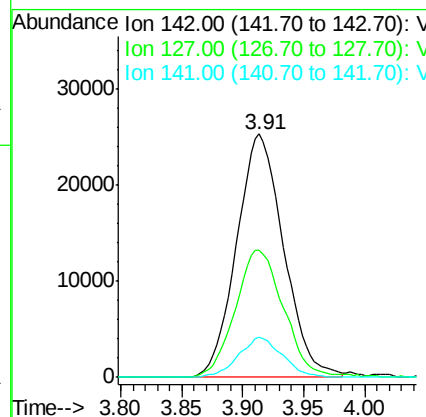
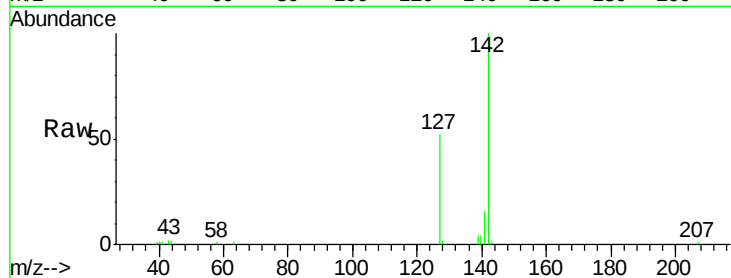
#11
Methyl Iodide
Concen: 16.421 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.01 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
142	100		
127	52.1	20.9	62.8
141	16.6	6.7	20.1

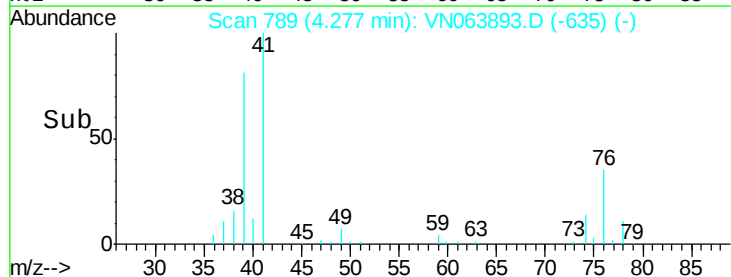
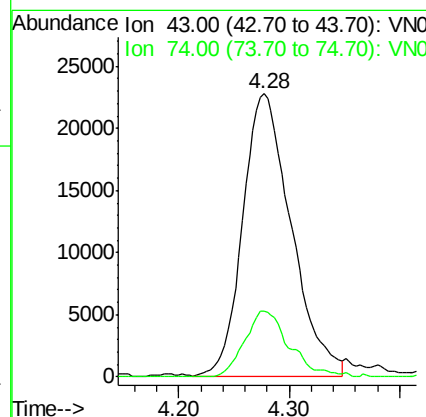
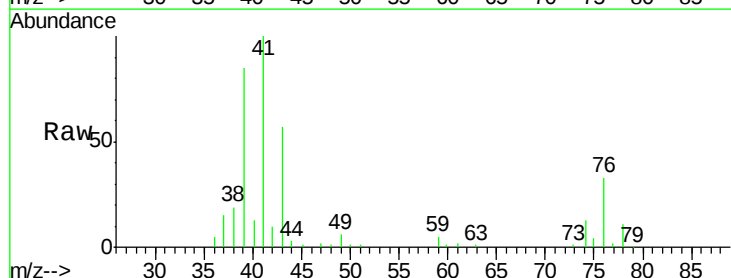
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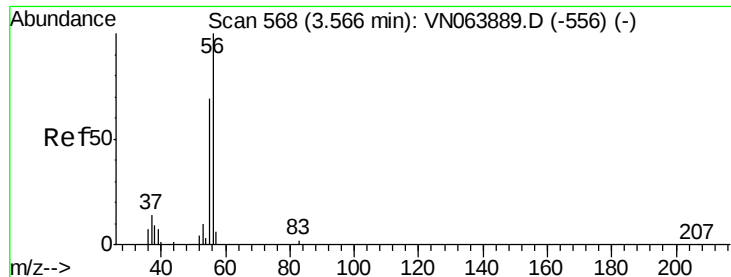
MMDadoda
10/7/2020 12:11:39 PM



#12
Methyl Acetate
Concen: 17.511 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.6	27.8





#13

Acrolein

Concen: 92.814 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100620

Tot Ion: 56 Resp: 35942

Ion Ratio Lower Upper

56 100

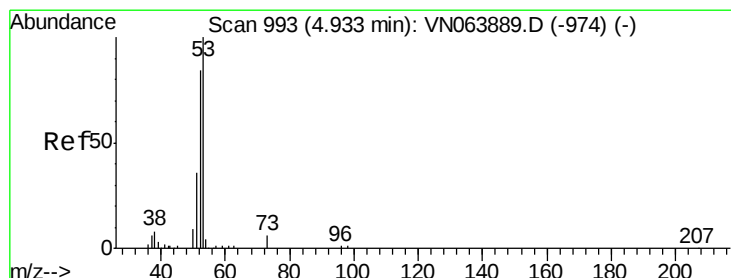
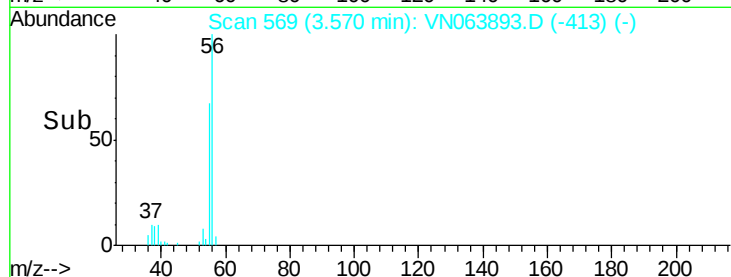
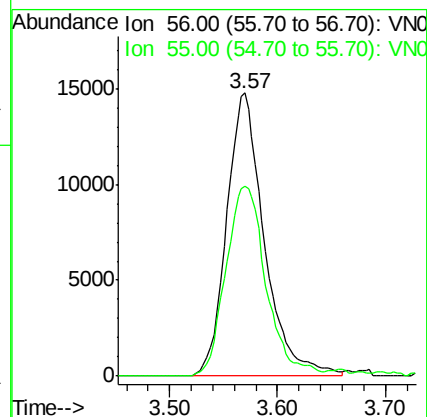
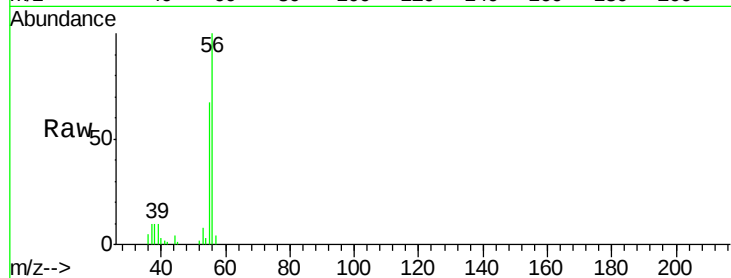
55 71.6 58.7 88.1

Manual Integrations

APPROVED

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#14

Acrylonitrile

Concen: 86.518 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

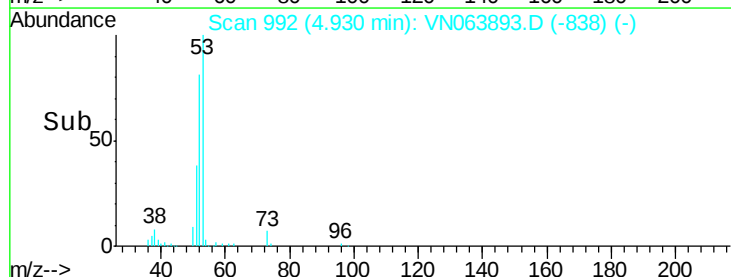
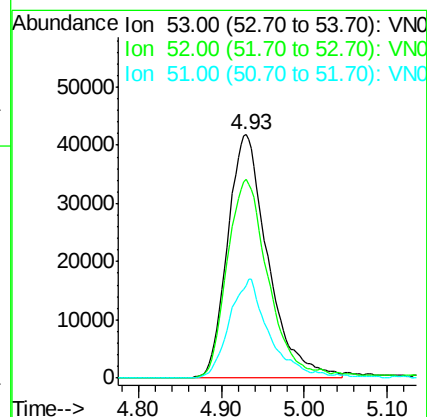
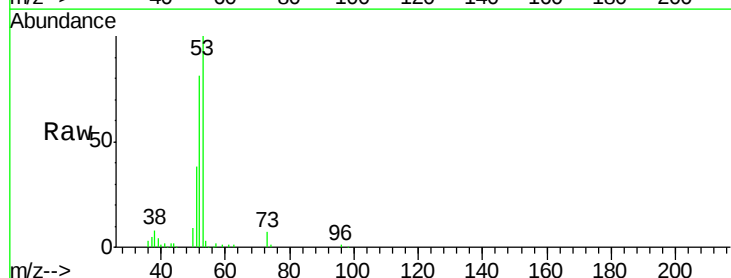
Tgt Ion: 53 Resp: 141522

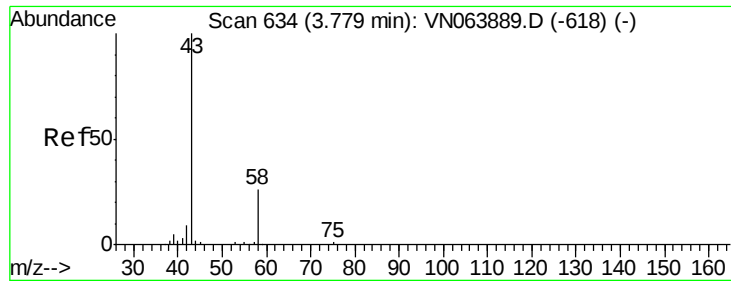
Ion Ratio Lower Upper

53 100

52 81.7 39.9 119.7

51 39.2 17.0 51.0





#15

Acetone

Concen: 93.824 ug/l m

RT: 3.77 min Scan# 631

Delta R.T. -0.01 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

ICVNN100620

Tot Ion: 58 Resp: 44425

Ion Ratio Lower Upper

58 100

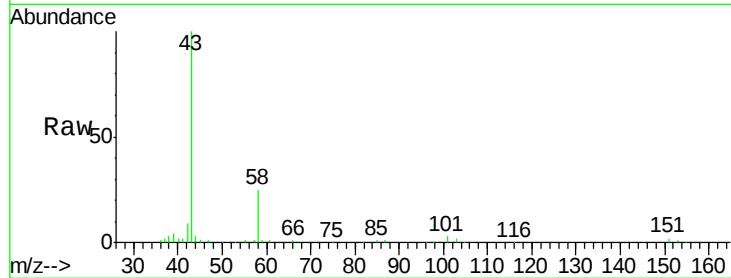
43 395.8 233.2 349.8#

Manual Integrations

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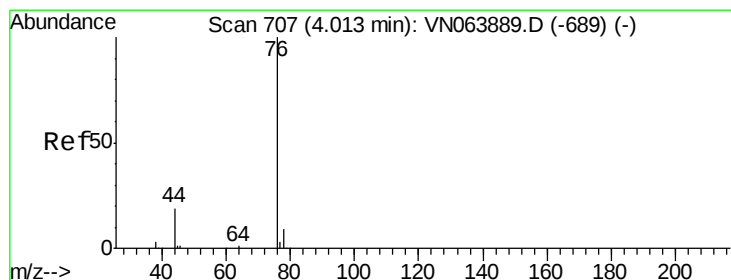
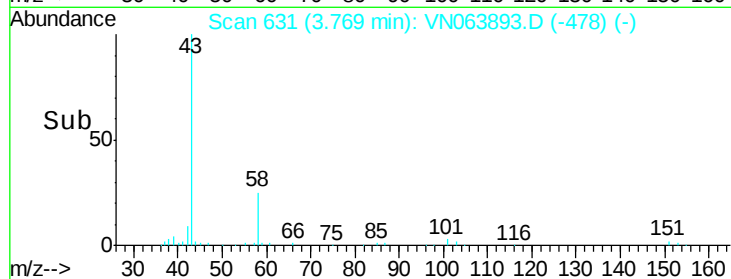
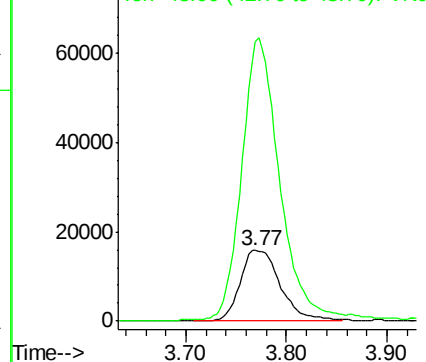
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 19.493 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.01 min

Lab File: VN063893.D

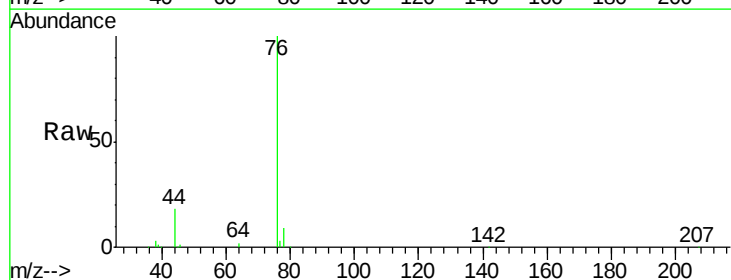
Acq: 6 Oct 2020 14:31

Tgt Ion: 76 Resp: 186876

Ion Ratio Lower Upper

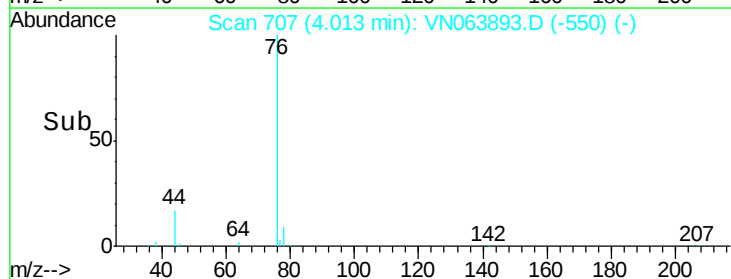
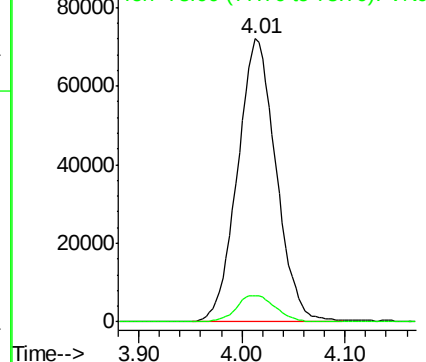
76 100

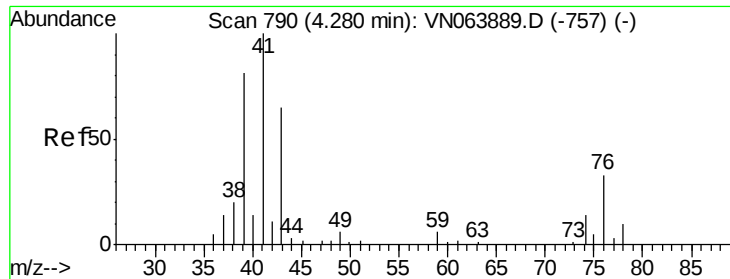
78 9.1 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





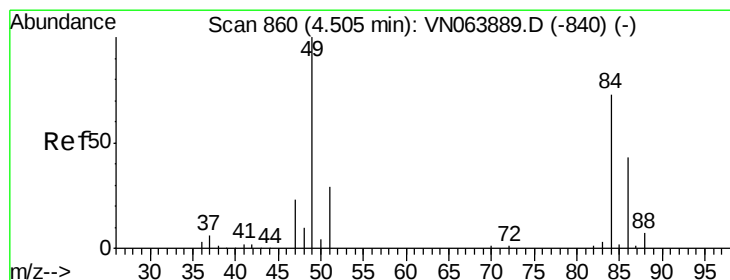
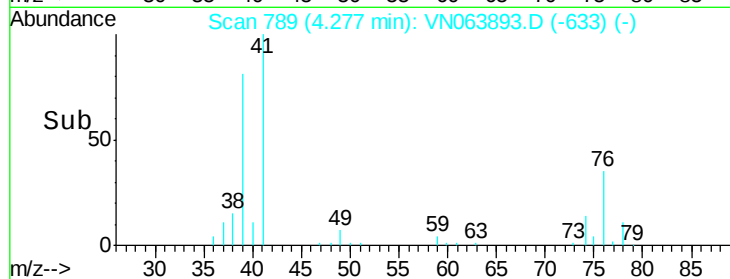
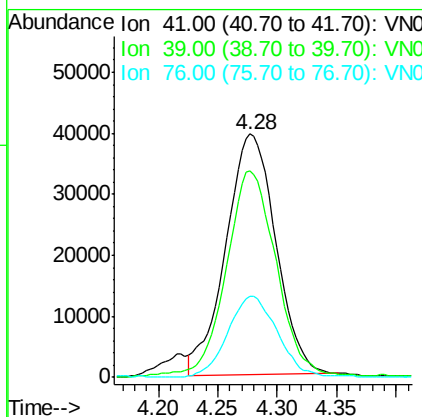
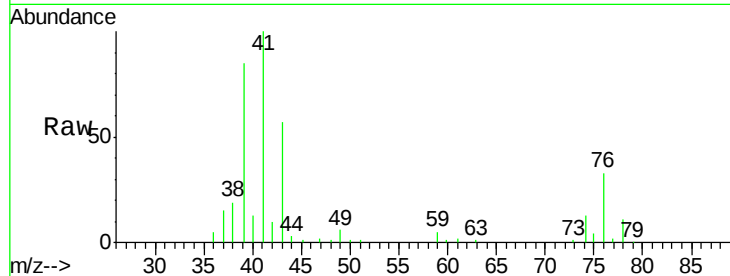
#17
Allvl chloride
Concen: 19.176 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
41	100		
39	84.7	33.8	101.4
76	33.4	19.4	58.4

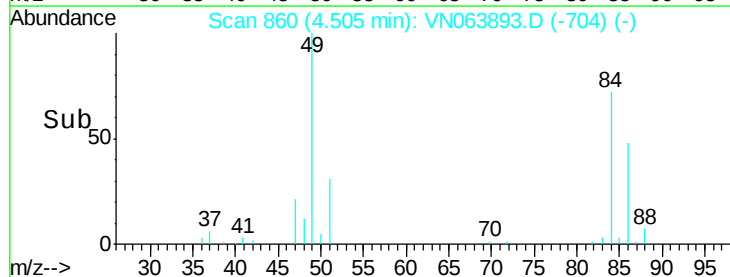
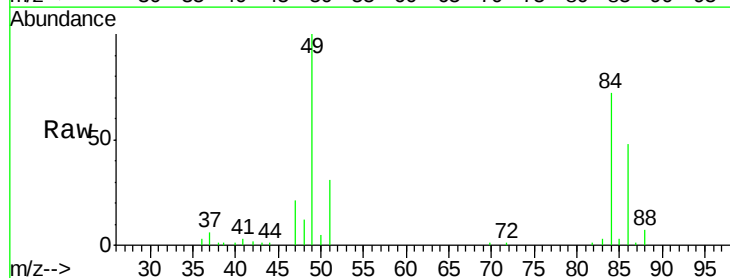
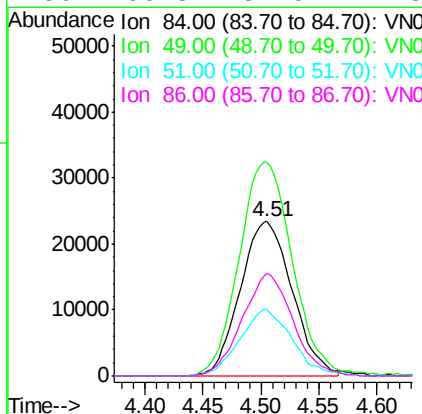
Manual Integrations
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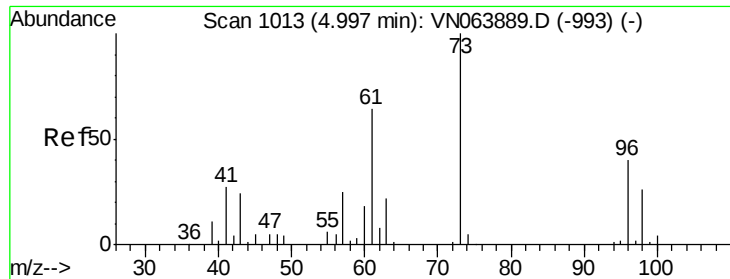
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#18
Methylene Chloride
Concen: 18.835 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
84	100		
49	138.4	97.8	146.8
51	43.1	30.7	46.1
86	66.3	51.5	77.3





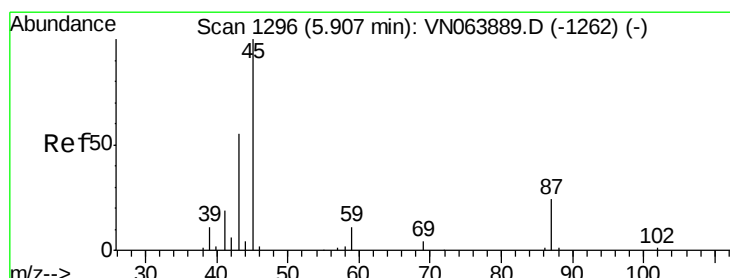
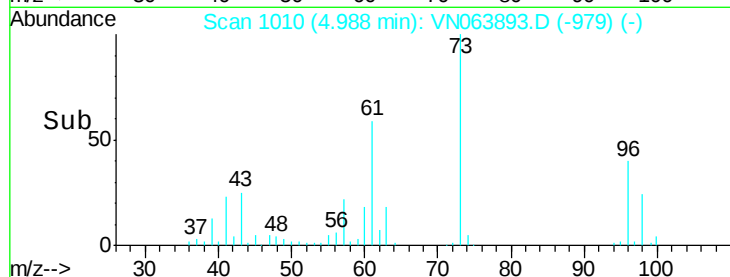
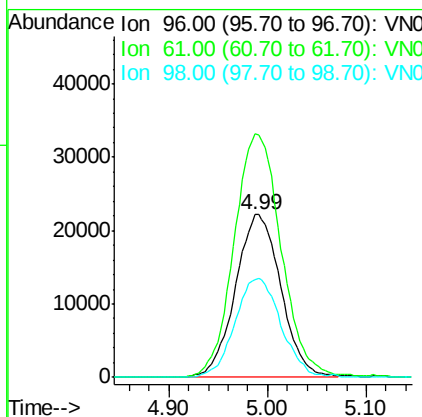
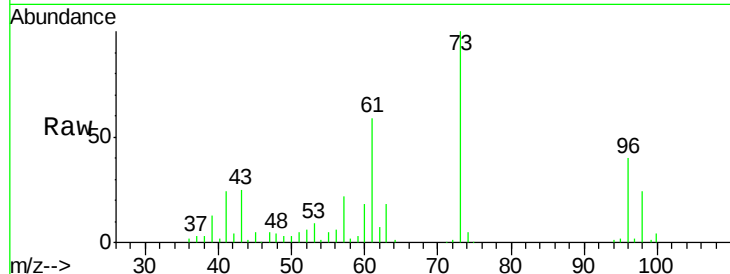
#19
trans-1,2-Dichloroethene
Concen: 19.409 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.7	115.9	173.9
98	60.3	53.3	79.9

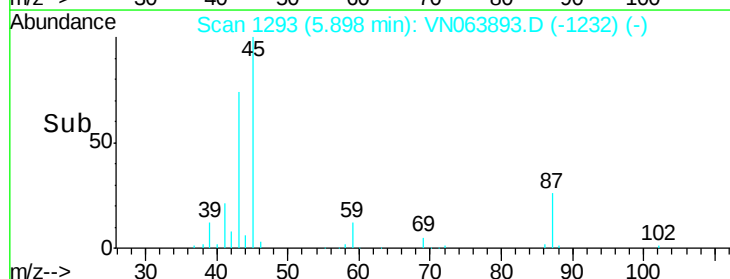
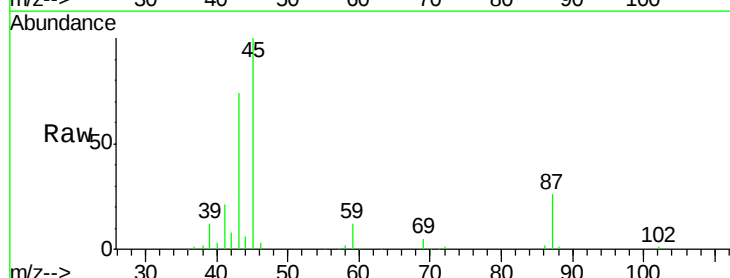
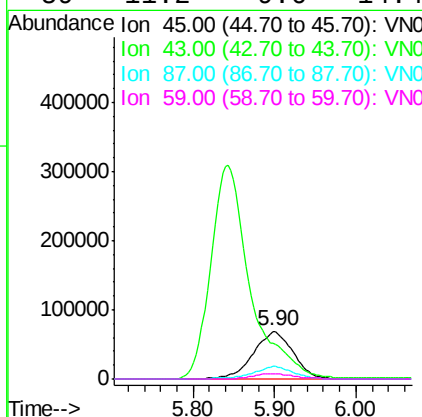
Manual Integrations
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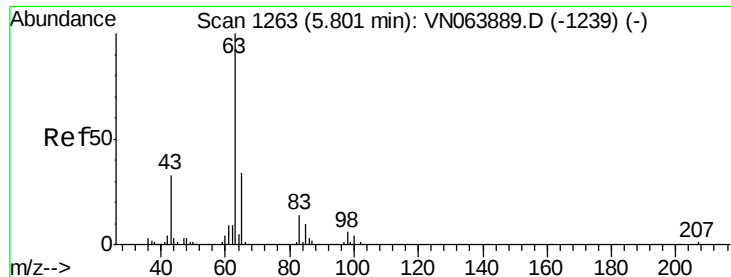
MMDadoda
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#20
Diisopropyl ether
Concen: 19.243 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.8	51.8	77.6
87	25.9	21.8	32.6
59	11.2	9.6	14.4





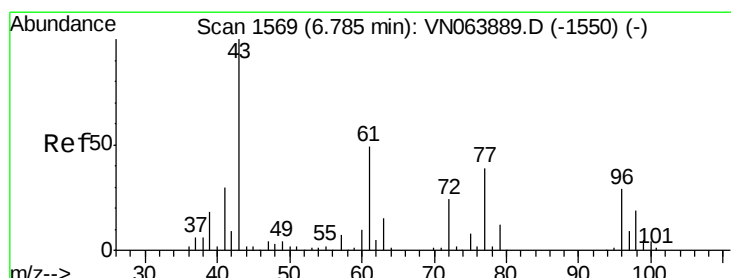
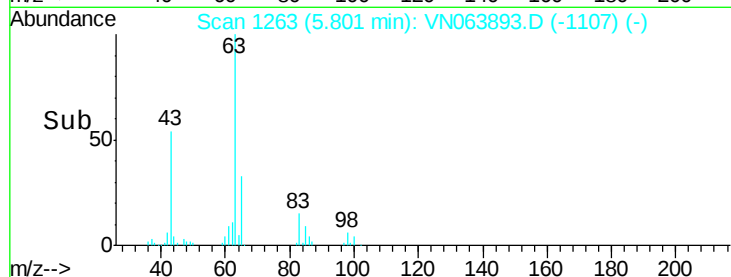
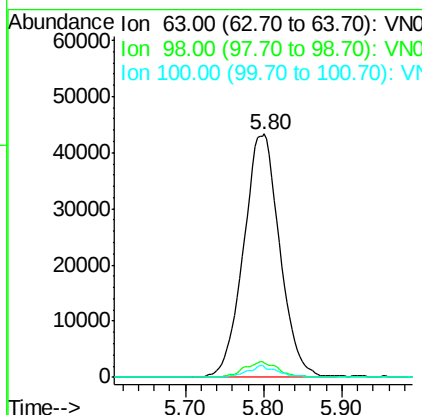
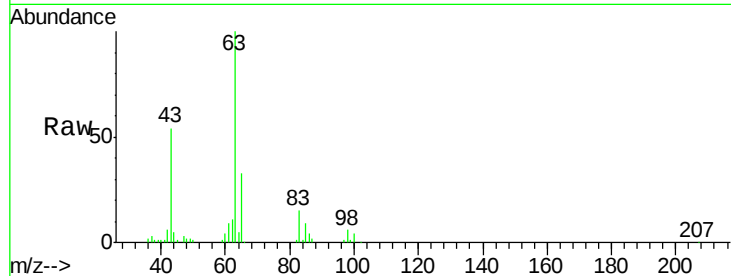
#21
 1,1-Dichloroethane
 Concen: 19.228 ug/l m
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	5.9	3.1	9.3	
100	4.1	1.8	5.3	

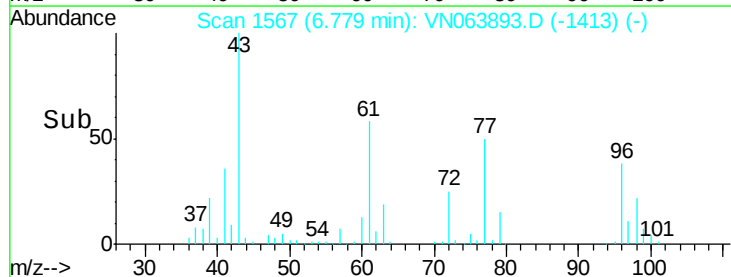
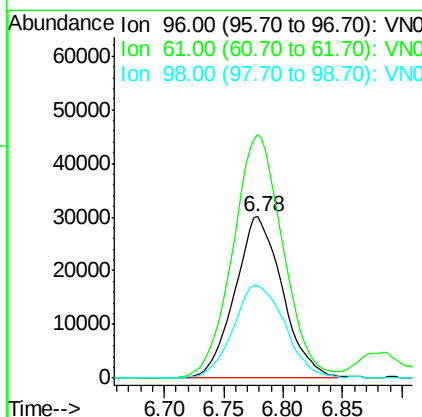
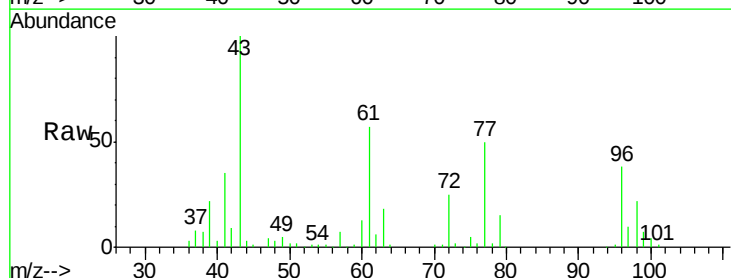
Manual Integrations
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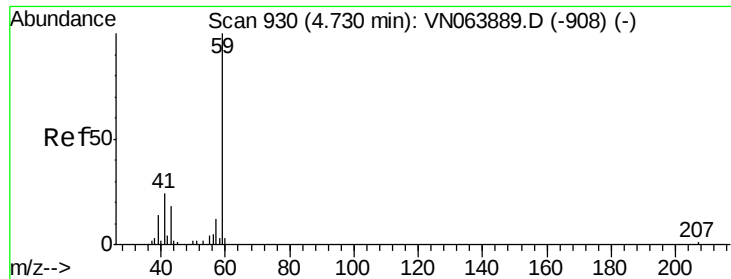
MMDadoda
 10/7/2020 12:11:39 PM



#22
 cis-1,2-Dichloroethene
 Concen: 20.121 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	157.8	120.9	181.3	
98	62.5	50.3	75.5	





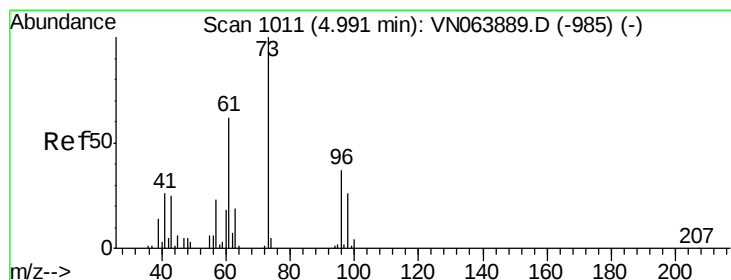
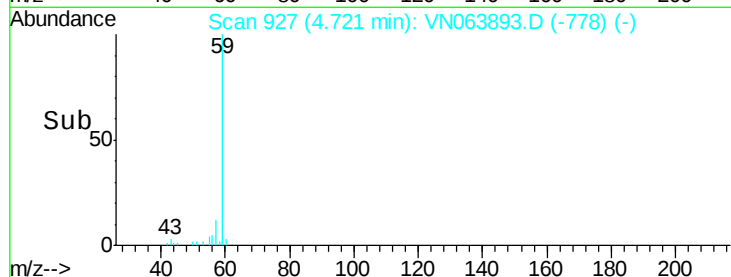
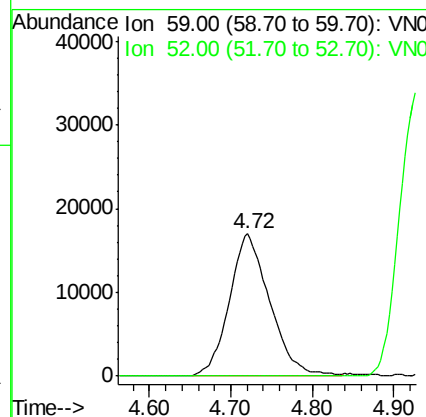
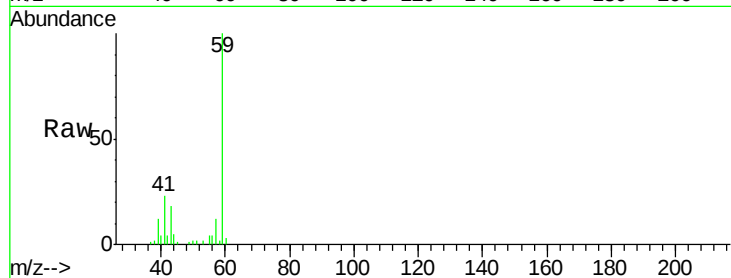
#23
 tert-Butyl Alcohol
 Concen: 83.773 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.02 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

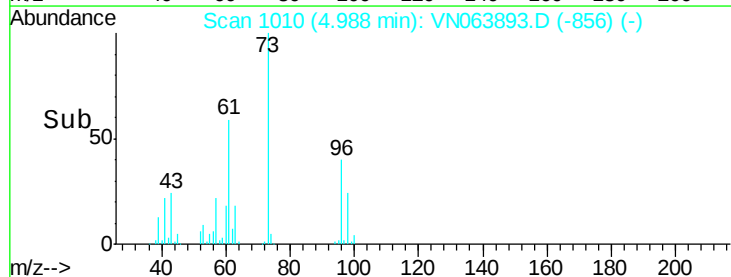
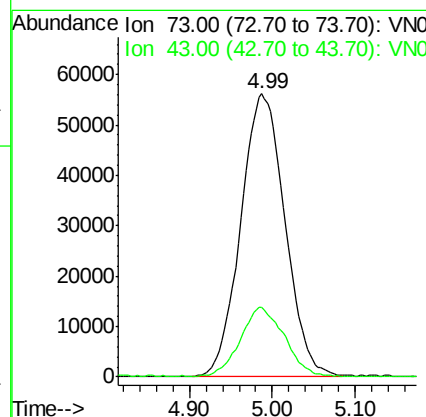
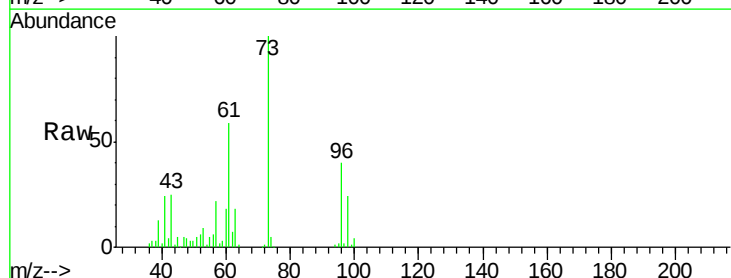
Manual Integrations
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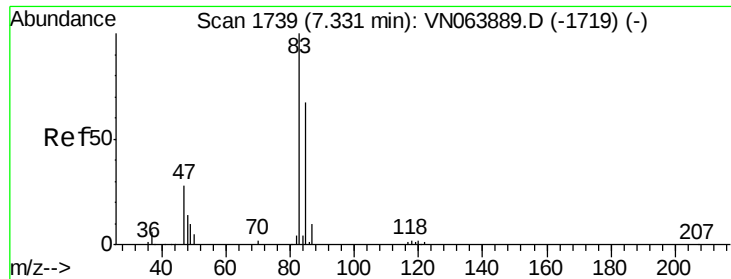
MMDadoda
 10/7/2020 12:11:39 PM



#24
 Methyl tert-Butyl Ether
 Concen: 19.244 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.6	15.8	23.6





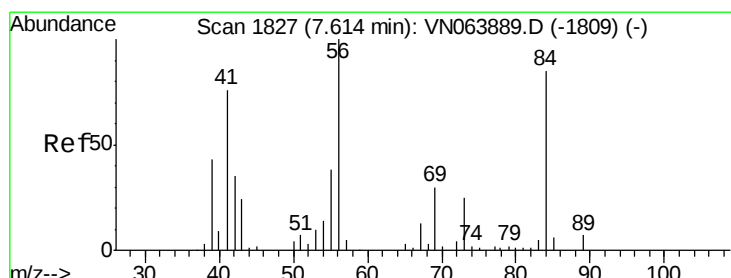
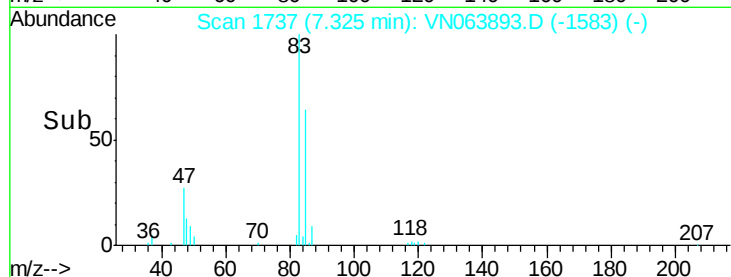
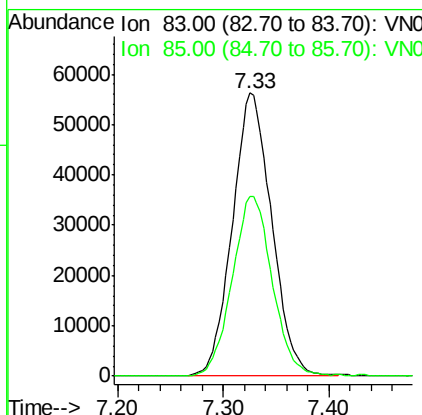
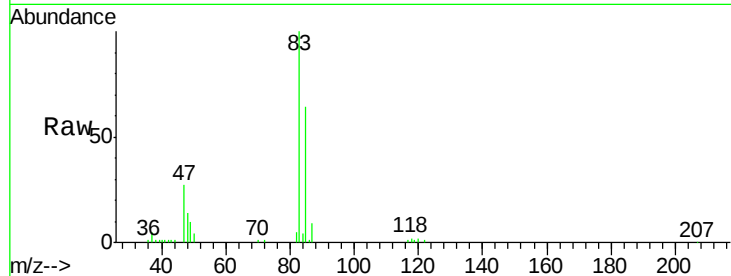
#25
Chloroform
Concen: 18.976 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion: 83 Resp: 145690
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4

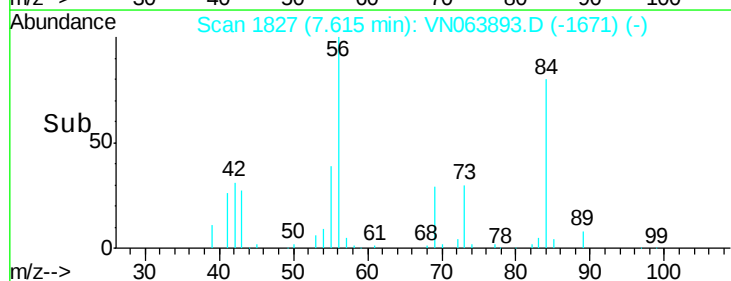
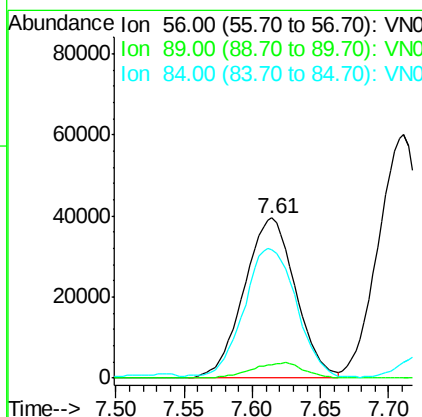
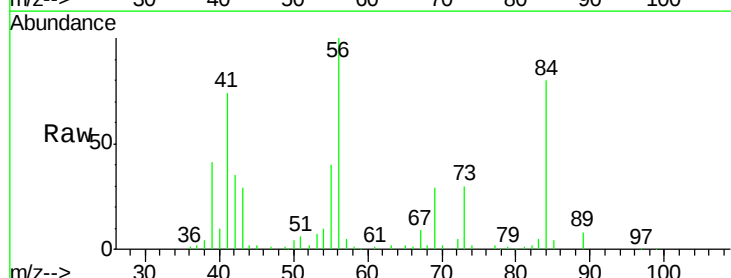
Manual Integrations
APPROVED

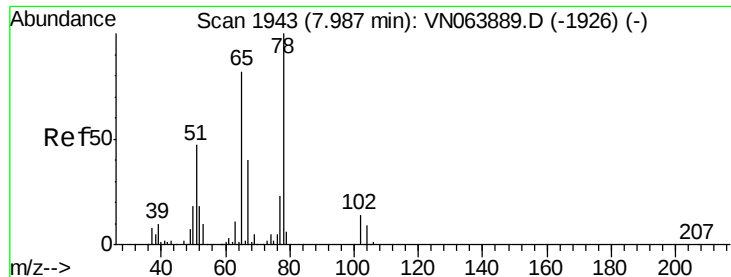
MMDadoda
10/7/2020 12:11:39 PM



#26
Cyclohexane
Concen: 19.643 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion: 56 Resp: 103599
Ion Ratio Lower Upper
56 100
89 9.4 0.0 0.0#
84 82.9 65.0 97.4





#27

1,2-Dichloroethane-d4

Concen: 30.927 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

ICVFN100620

Tot Ion: 65 Resp: 167327

Ion Ratio Lower Upper

65 100

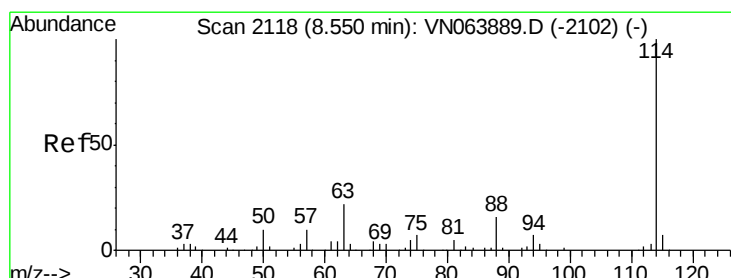
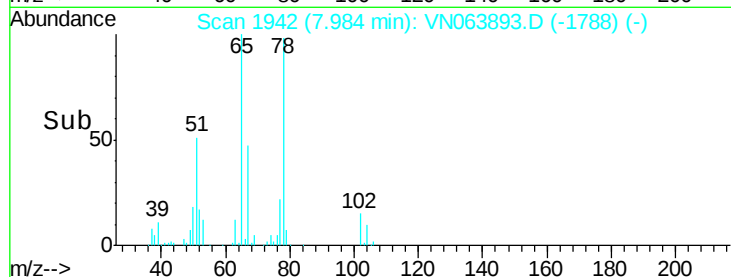
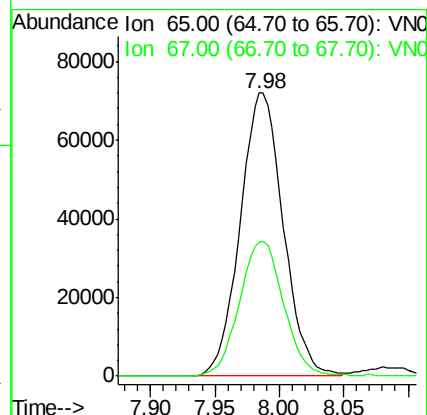
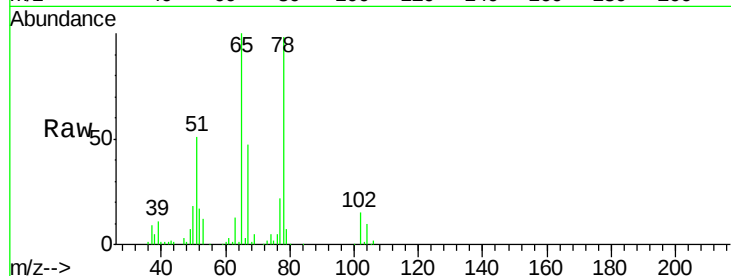
67 49.0 43.8 65.6

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

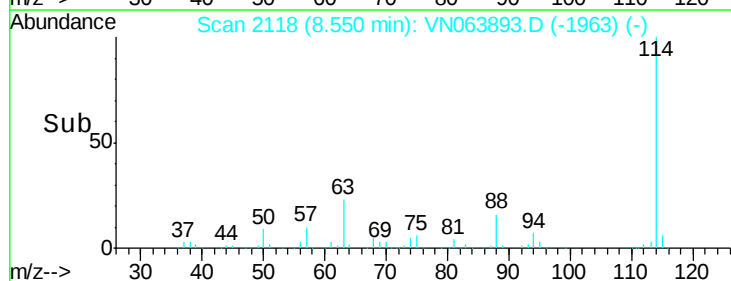
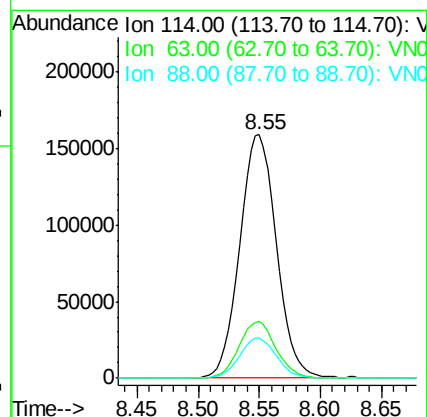
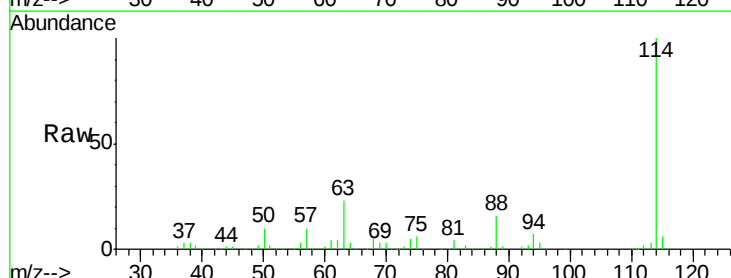
Tgt Ion: 114 Resp: 330977

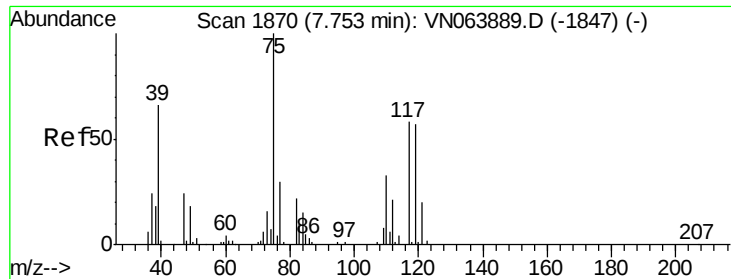
Ion Ratio Lower Upper

114 100

63 23.4 17.0 25.6

88 16.6 12.6 18.8





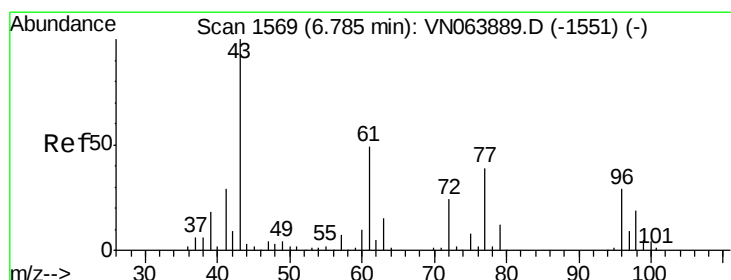
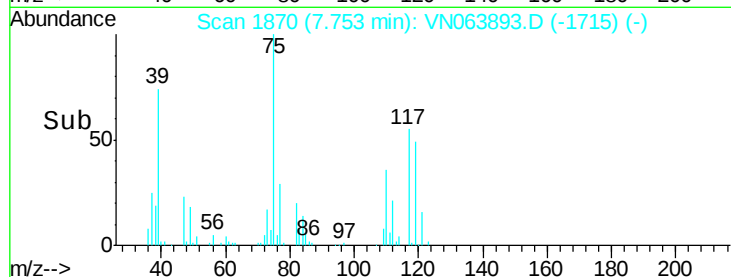
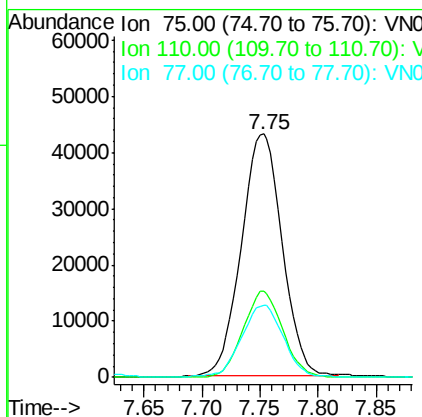
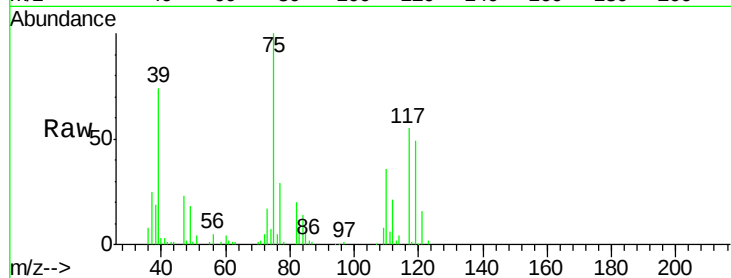
#29
 1,1-Dichloropropene
 Concen: 18.242 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	34.5	0.0	70.6
77	30.3	0.0	60.2

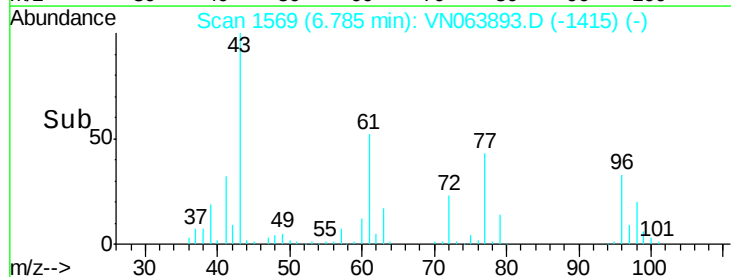
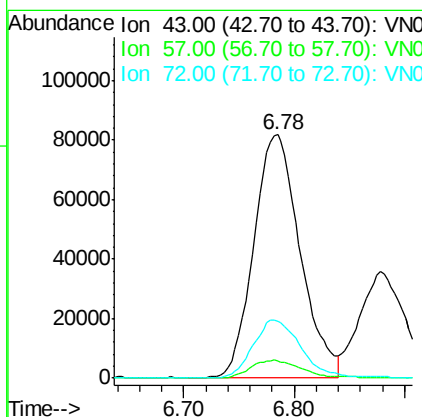
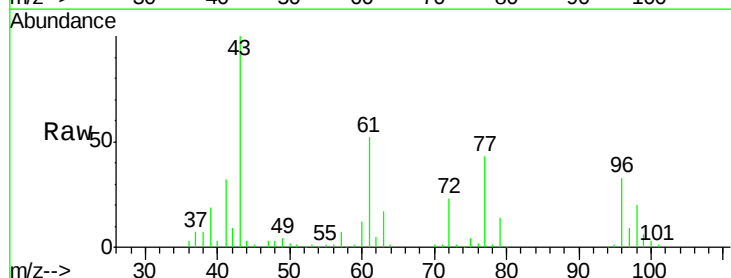
Manual Integrations
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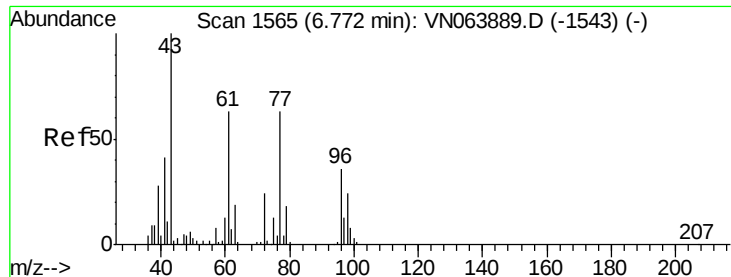
MMDadoda
 10/7/2020 12:11:39 PM



#30
 2-Butanone
 Concen: 83.908 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.9	6.6	9.8
72	24.7	21.3	31.9





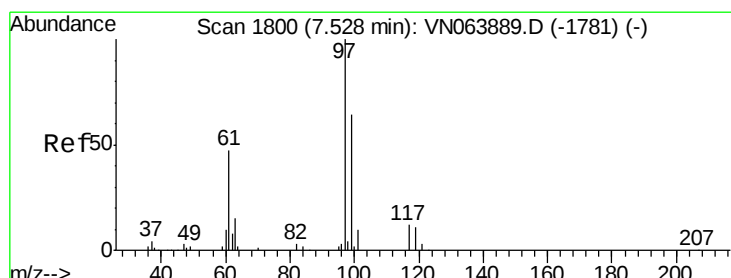
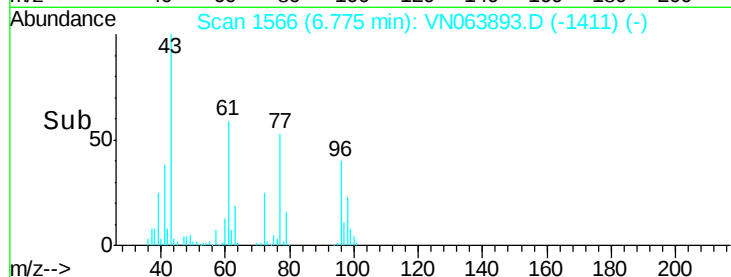
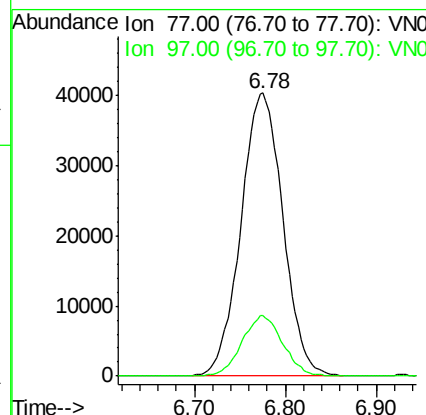
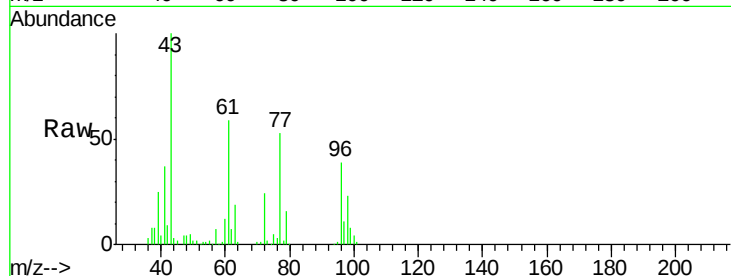
#31
 2,2-Dichloropropane
 Concen: 18.674 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Tot Ion: 77 Resp: 129352
 Ion Ratio Lower Upper
 77 100
 97 20.7 18.2 27.4

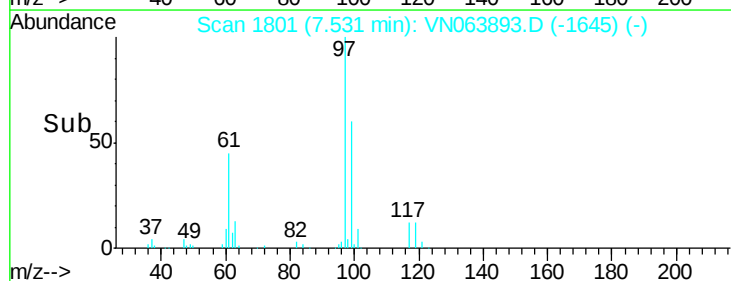
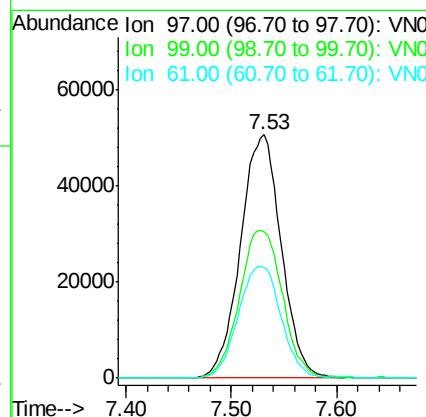
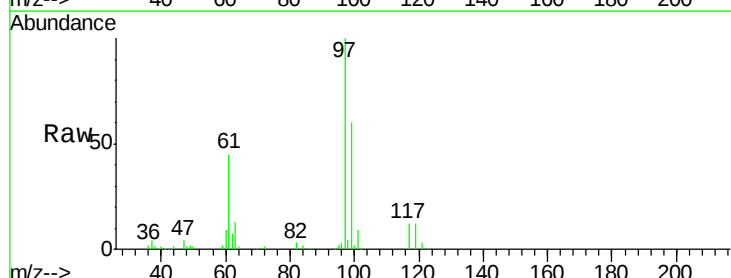
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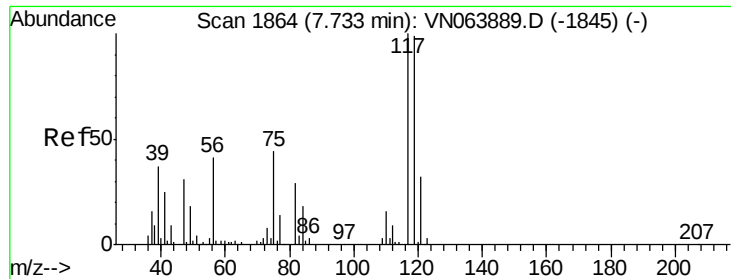
MMDadoda
 10/7/2020 12:11:39 PM



#32
 1,1,1-Trichloroethane
 Concen: 18.444 ug/l
 RT: 7.53 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion: 97 Resp: 136377
 Ion Ratio Lower Upper
 97 100
 99 63.8 51.7 77.5
 61 48.1 35.3 52.9





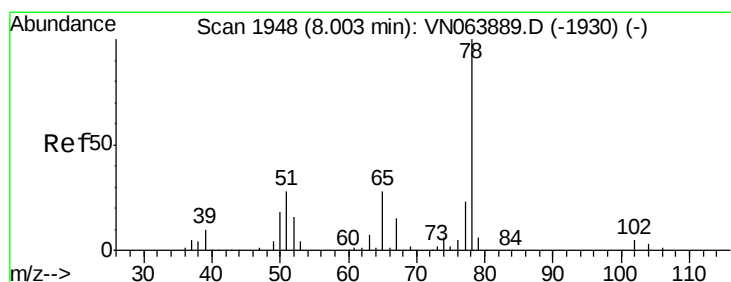
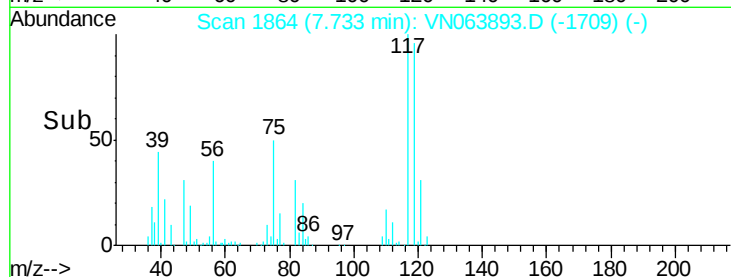
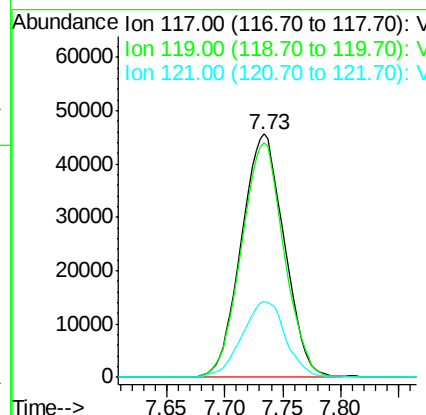
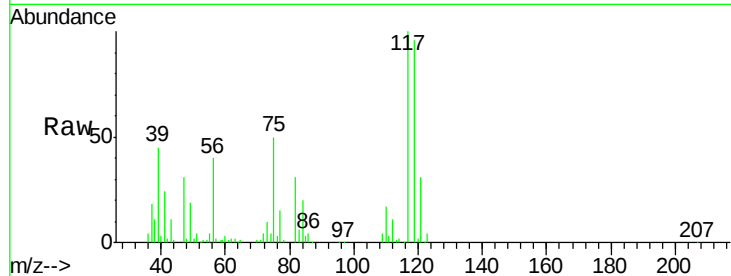
#33
Carbon Tetrachloride
Concen: 18.161 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVFN100620

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.8	73.0	109.4
121	31.2	24.9	37.3

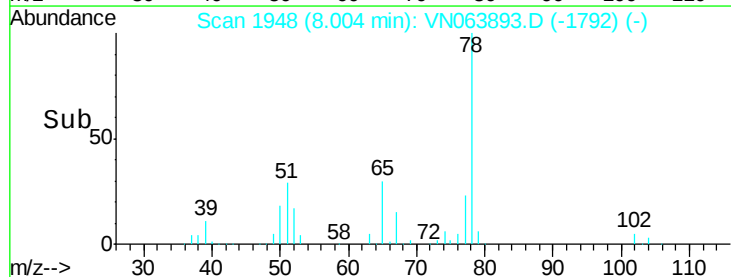
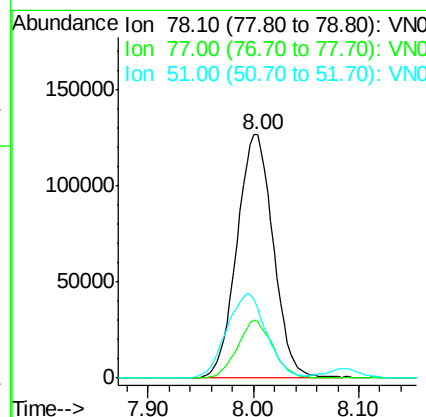
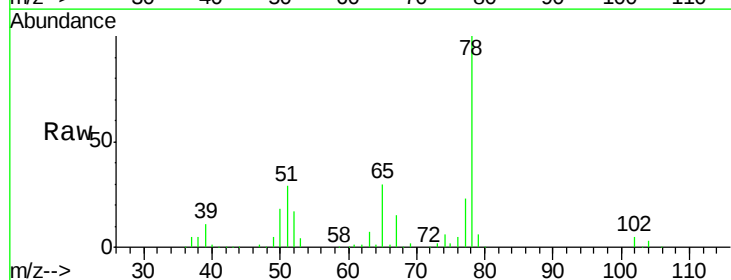
Manual Integrations
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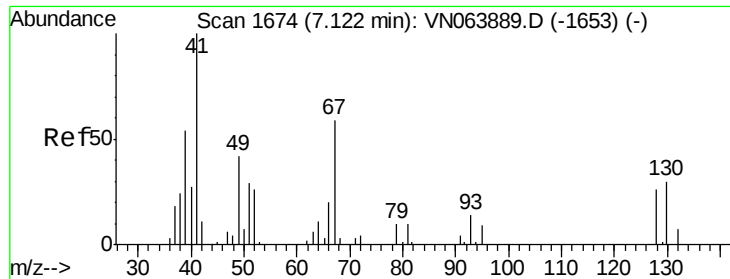
MMDadoda
10/7/2020 12:11:39 PM



#34
Benzene
Concen: 18.411 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.6	27.8
51	28.3	22.2	33.2





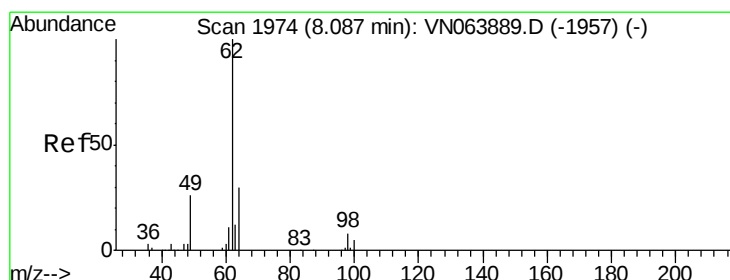
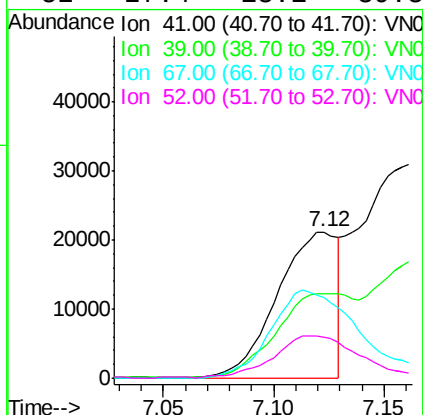
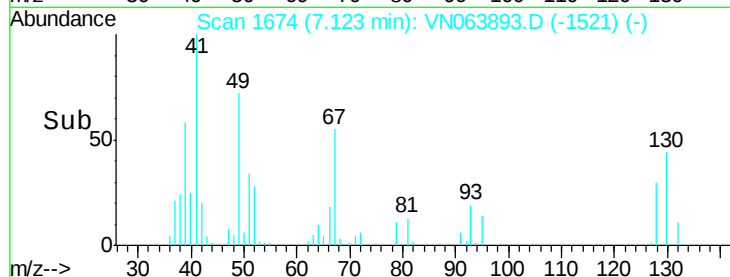
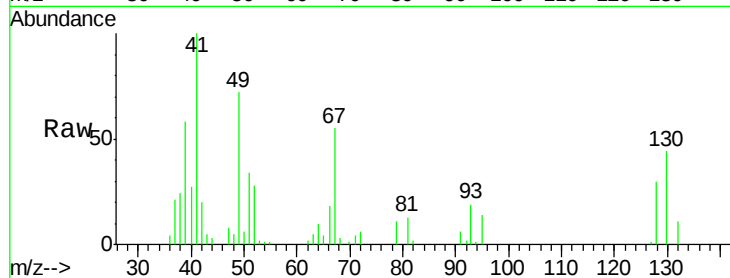
#35
Methacrylonitrile
Concen: 14.877 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion:	41	Resp:	40197
Ion	Ratio	Lower	Upper
41	100		
39	56.7	23.7	71.1
67	54.8	31.6	94.7
52	27.4	13.1	39.3

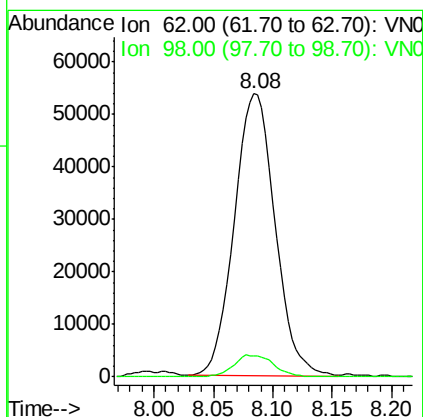
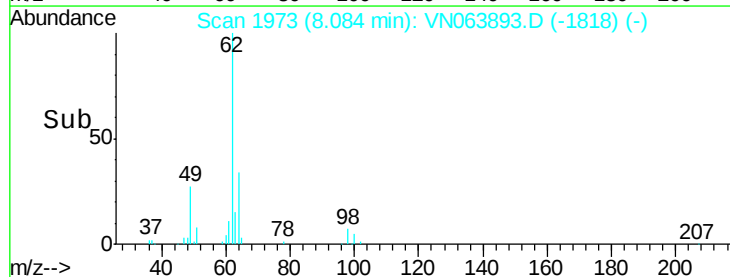
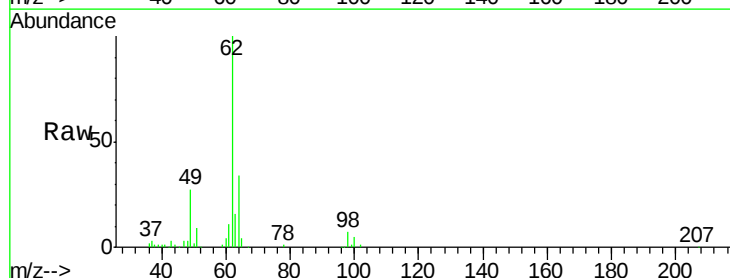
Manual Integrations
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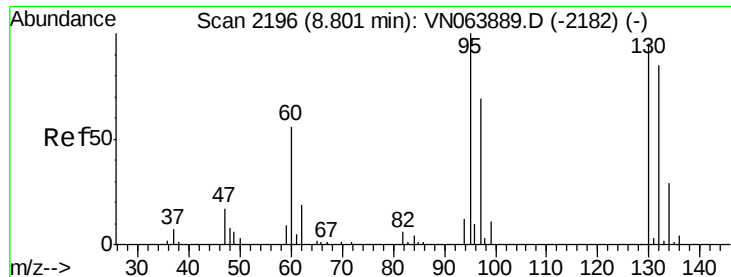
MMDadoda
10/7/2020 12:11:39 PM



#36
1,2-Dichloroethane
Concen: 17.582 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion:	62	Resp:	127306
Ion	Ratio	Lower	Upper
62	100		
98	7.7	7.6	11.4





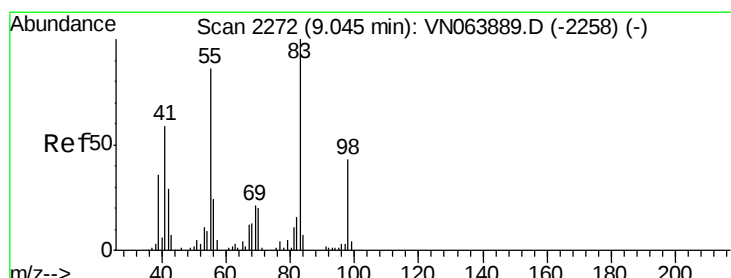
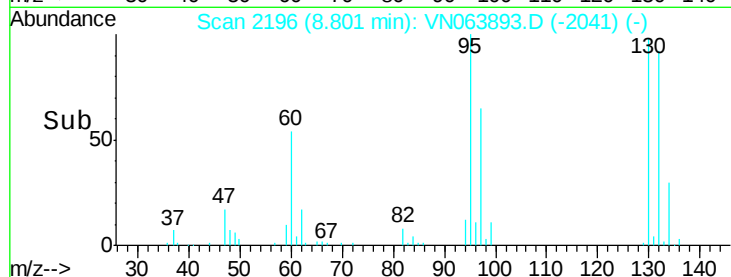
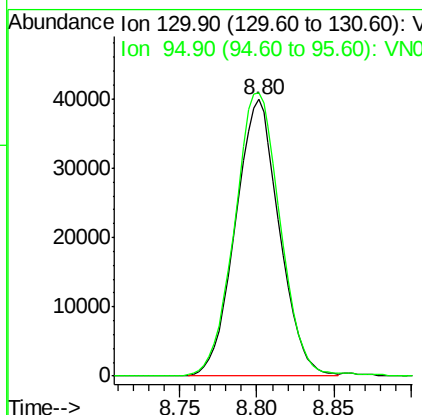
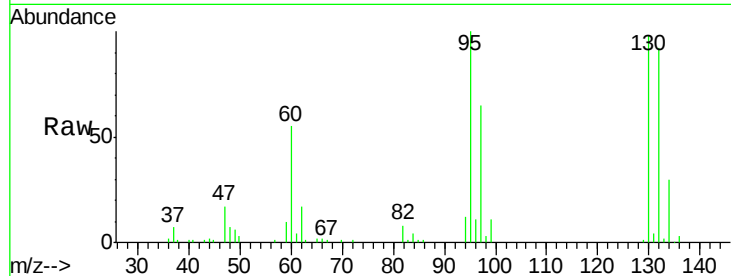
#37
 Trichloroethene
 Concen: 18.265 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Tot Ion:130 Resp: 78864
 Ion Ratio Lower Upper
 130 100
 95 101.7 78.9 118.3

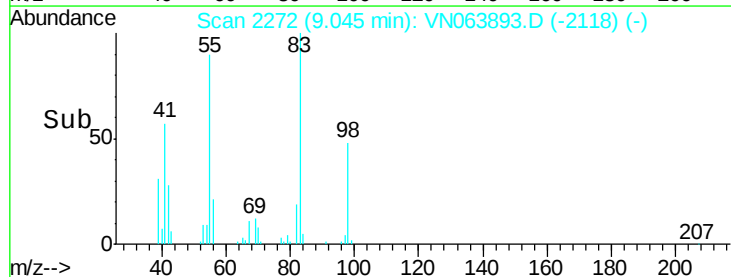
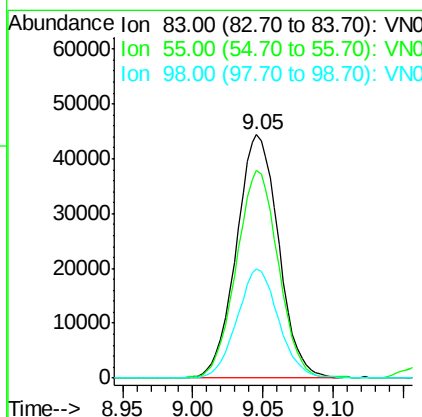
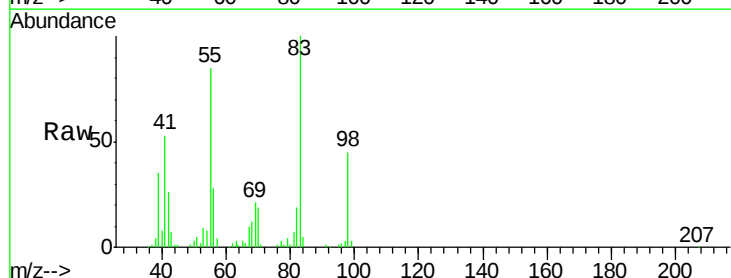
Manual Integrations
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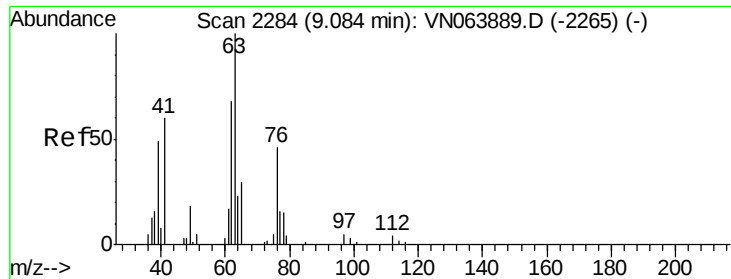
MMDadoda
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#38
 Methylcyclohexane
 Concen: 18.989 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion: 83 Resp: 92928
 Ion Ratio Lower Upper
 83 100
 55 84.9 41.9 125.7
 98 44.3 22.2 66.6





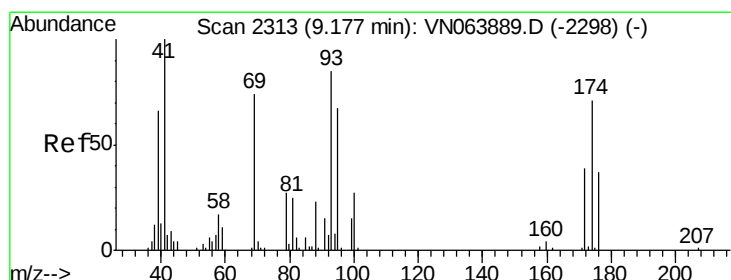
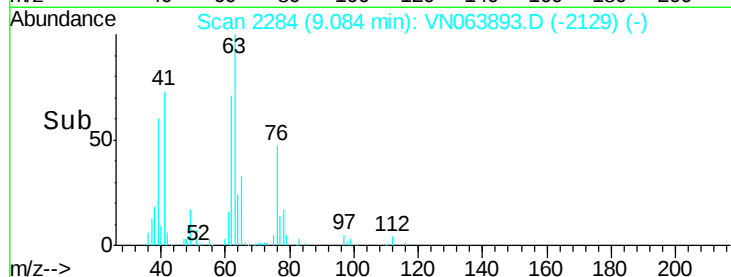
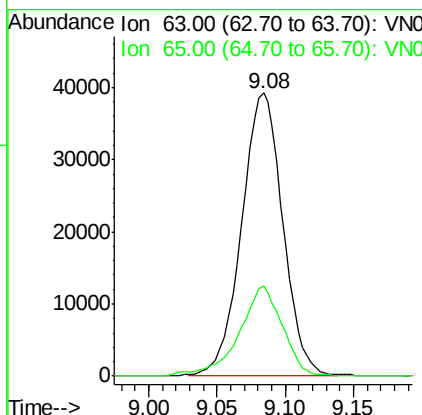
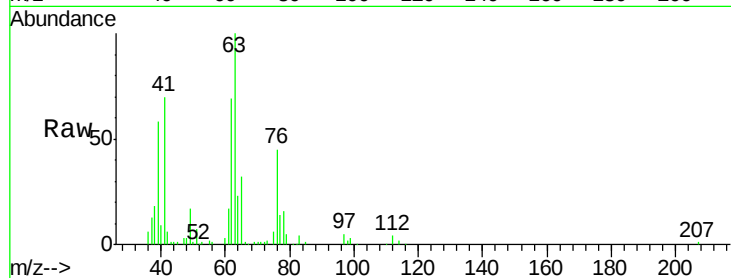
#39
 1,2-Dichloropropane
 Concen: 18.385 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Tot Ion: 63 Resp: 82322
 Ion Ratio Lower Upper
 63 100
 65 31.8 25.1 37.7

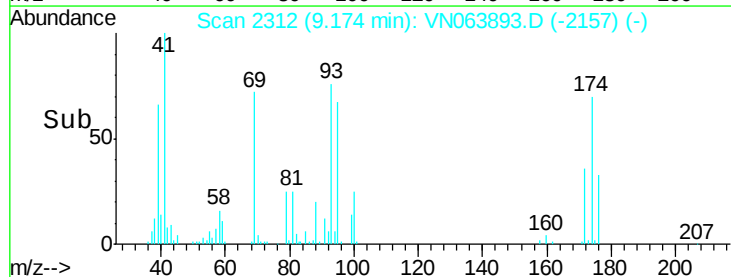
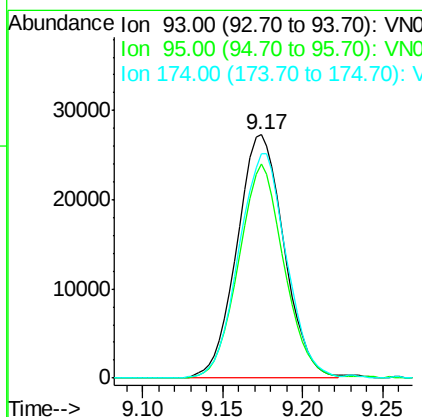
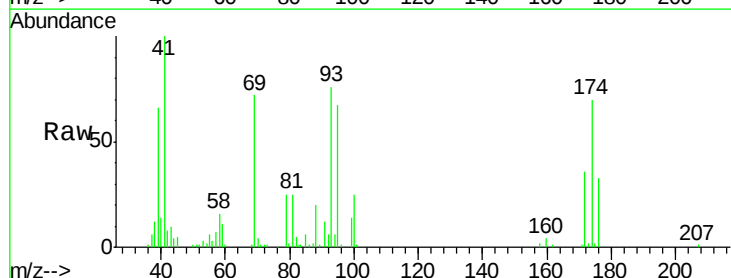
Manual Integrations
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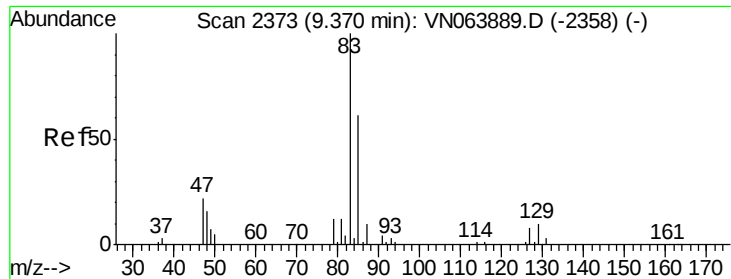
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#40
 Dibromomethane
 Concen: 17.553 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion: 93 Resp: 54893
 Ion Ratio Lower Upper
 93 100
 95 84.6 0.0 168.2
 174 93.1 0.0 208.4





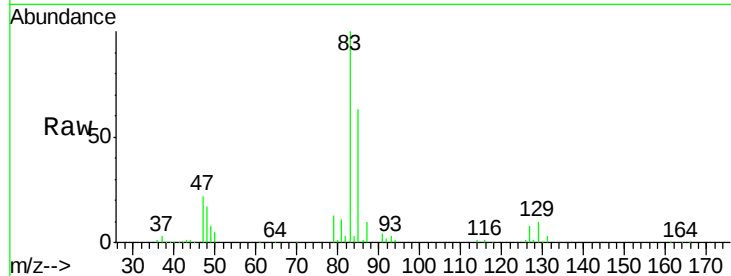
#41
Bromodichloromethane
Concen: 18.100 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

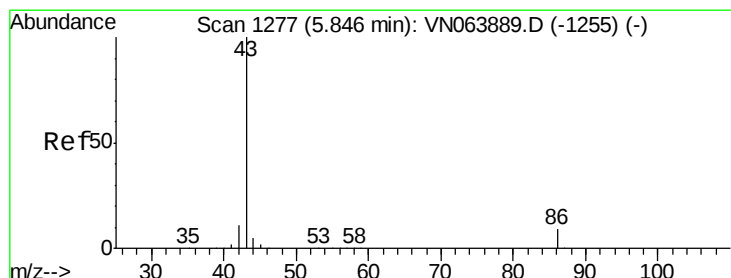
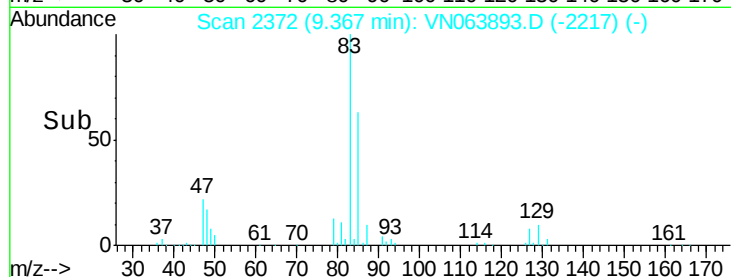
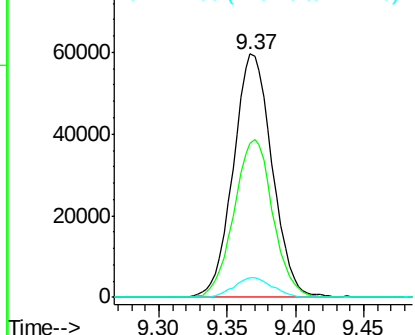
Tot Ion	83	Resp	117645
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	52.6	79.0
127	8.0	7.4	11.0

Manual Integrations
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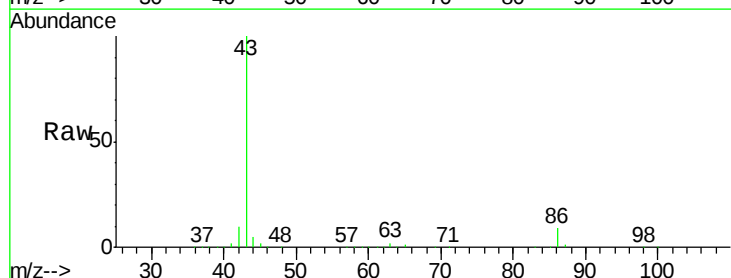


Abundance Ion 83.00 (82.70 to 83.70): VN063893.D (-2217) (-)
Ion 85.00 (84.70 to 85.70): VN063893.D (-2217) (-)
Ion 127.00 (126.70 to 127.70): VN063893.D (-2217) (-)

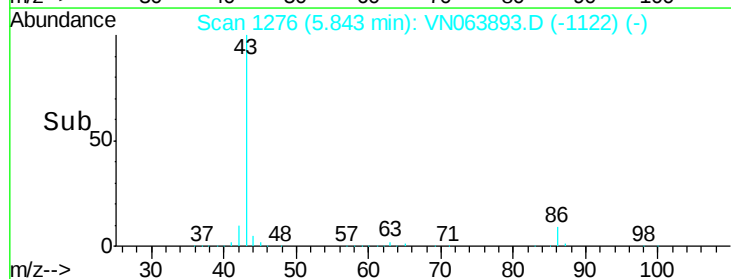
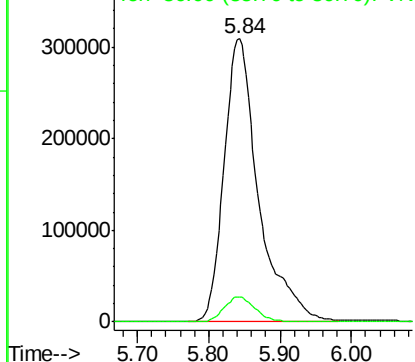


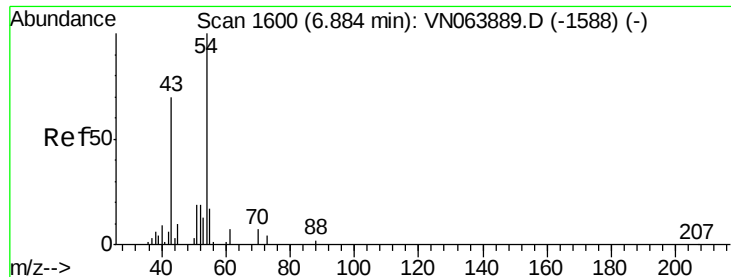
#42
Vinyl Acetate
Concen: 88.416 ug/l
RT: 5.84 min Scan# 1276
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	43	Resp	1043176
Ion Ratio	100	Lower	Upper
43	100		
86	7.8	6.7	10.1



Abundance Ion 43.00 (42.70 to 43.70): VN063893.D (-1122) (-)
Ion 86.00 (85.70 to 86.70): VN063893.D (-1122) (-)





#43

Ethyl Acetate

Concen: 16.521 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100620

Tot Ion: 43 Resp: 100581

Ion Ratio Lower Upper

43 100

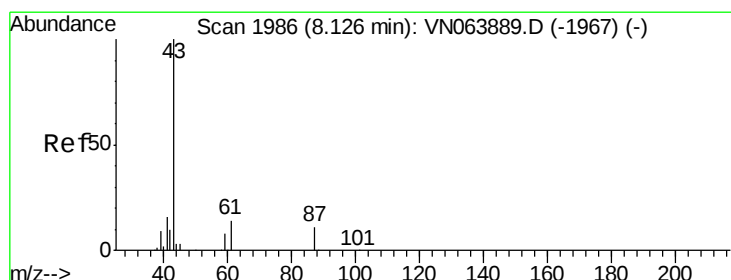
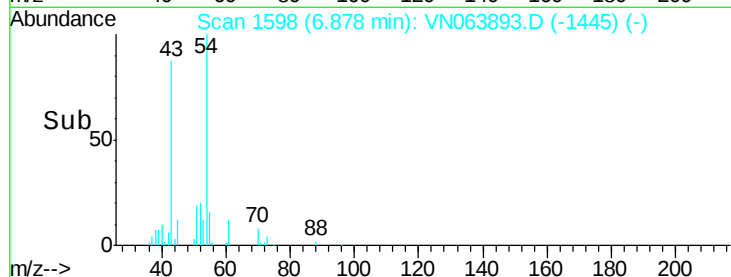
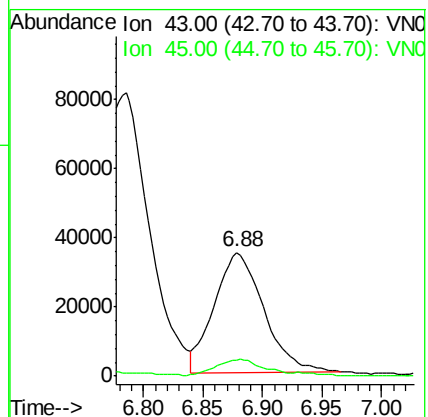
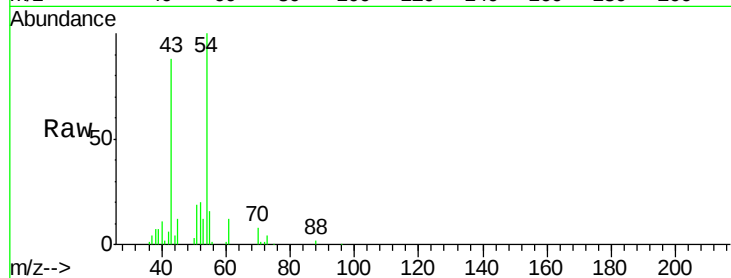
45 11.7 11.3 16.9

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#44

Isopropyl Acetate

Concen: 17.044 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN063893.D

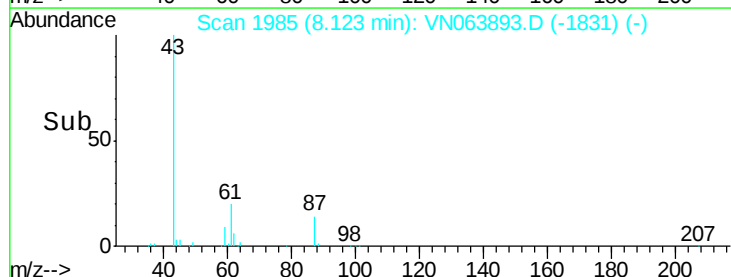
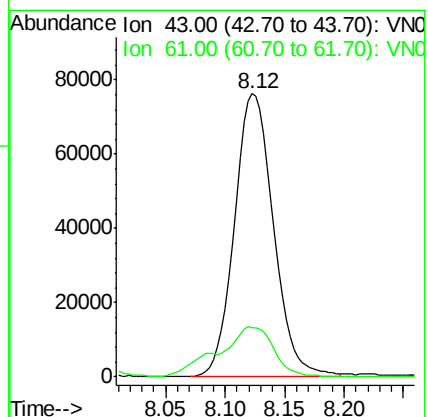
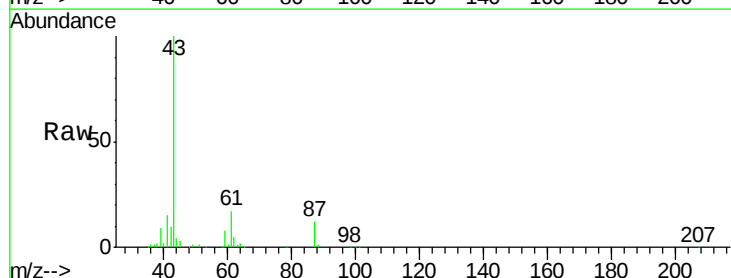
Acq: 6 Oct 2020 14:31

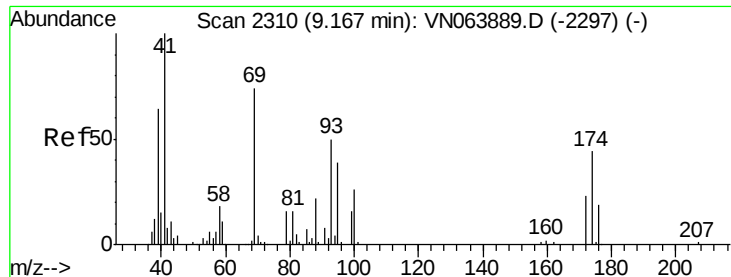
Tgt Ion: 43 Resp: 171959

Ion Ratio Lower Upper

43 100

61 18.9 17.5 26.3





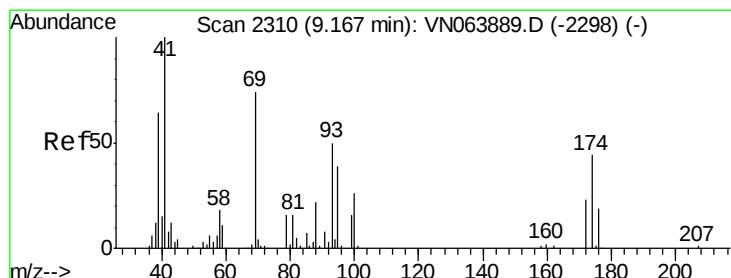
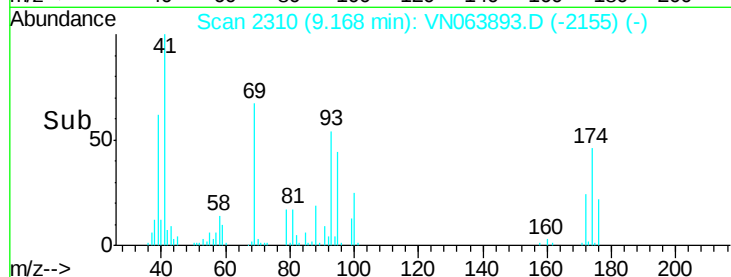
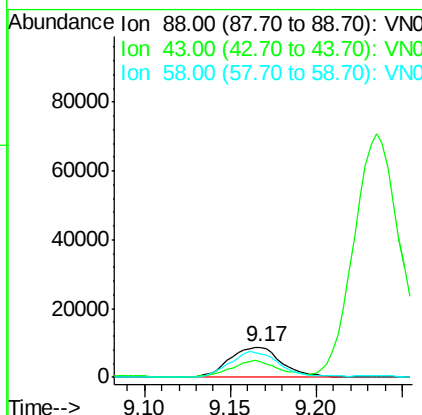
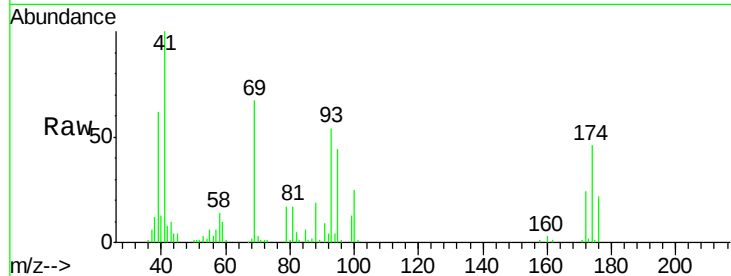
#45
1,4-Dioxane
Concen: 285.178 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
88	100		
43	47.8	28.5	42.7#
58	78.8	59.6	89.4

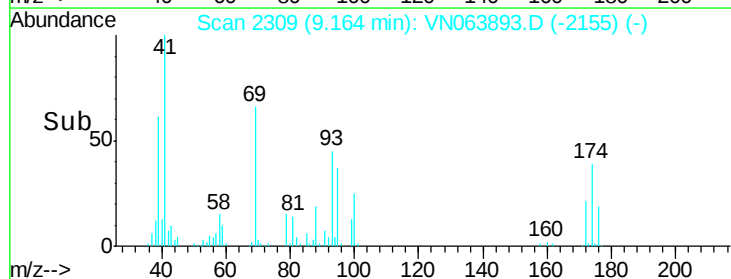
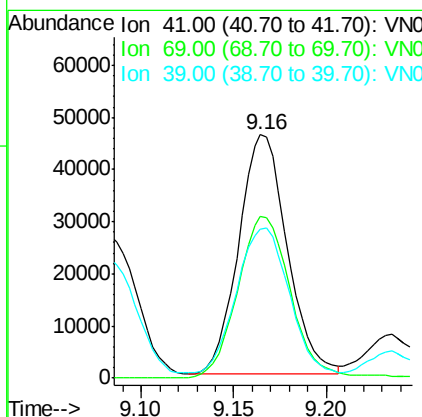
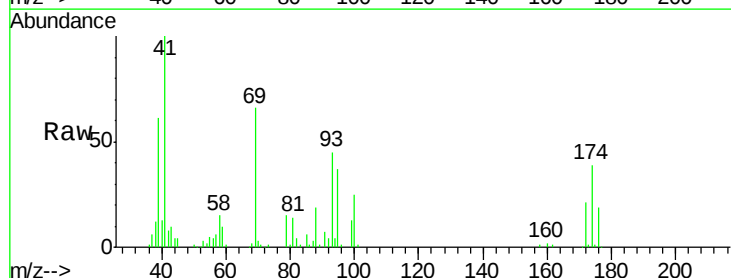
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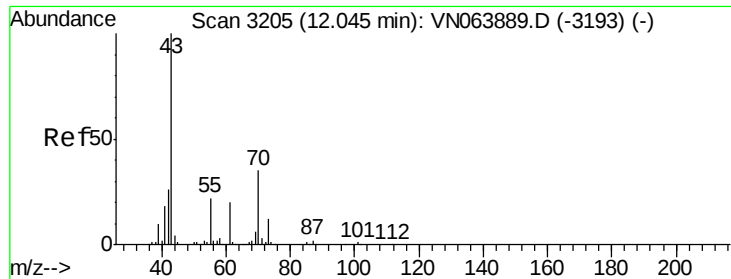
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#46
Methyl methacrylate
Concen: 16.657 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
41	100		
69	67.3	42.6	128.0
39	60.1	25.1	75.4





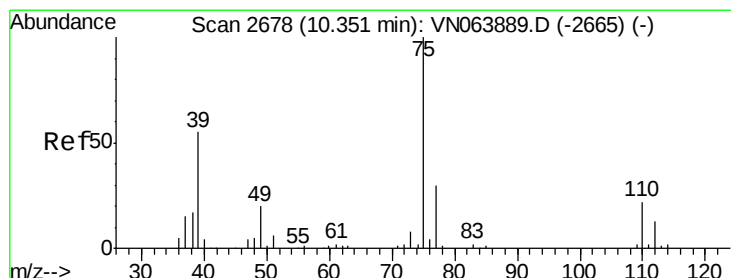
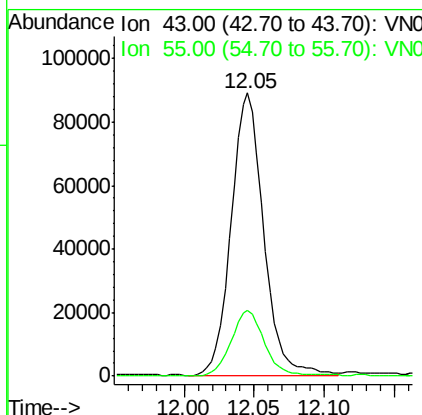
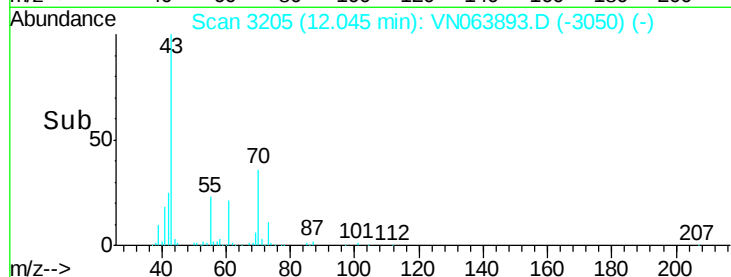
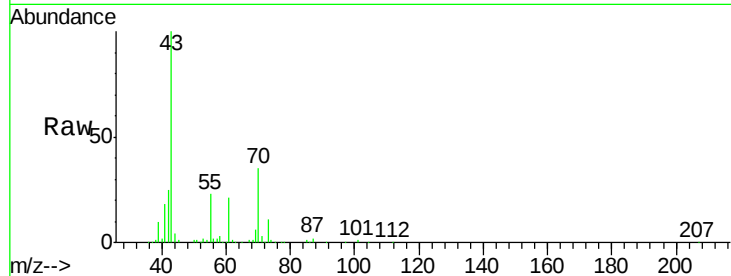
#47
n-amvl Acetate
Concen: 15.937 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion: 43 Resp: 142960
Ion Ratio Lower Upper
43 100
55 23.8 21.2 31.8

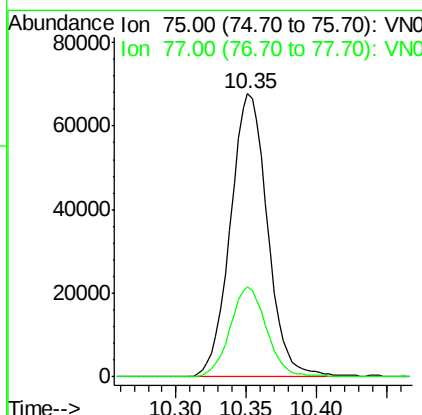
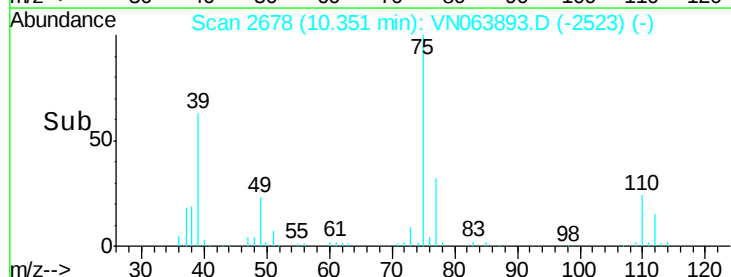
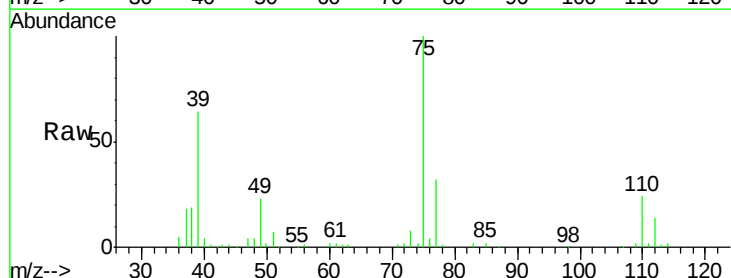
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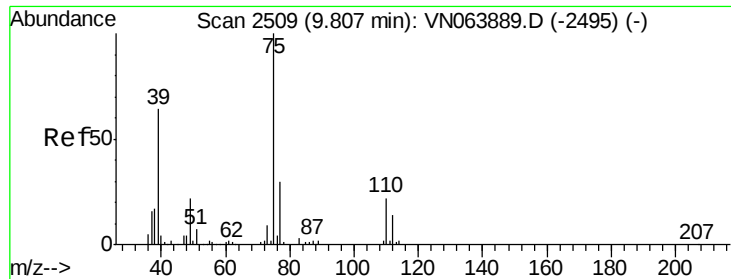
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 17.778 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion: 75 Resp: 124868
Ion Ratio Lower Upper
75 100
77 31.8 23.8 35.8





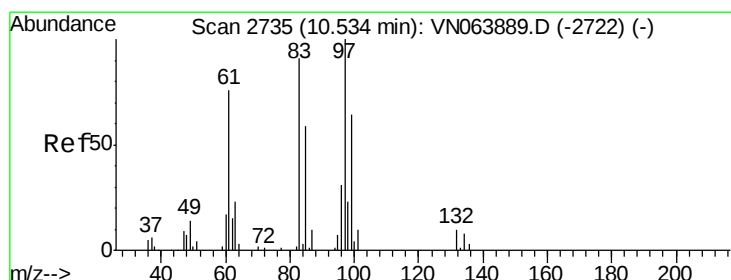
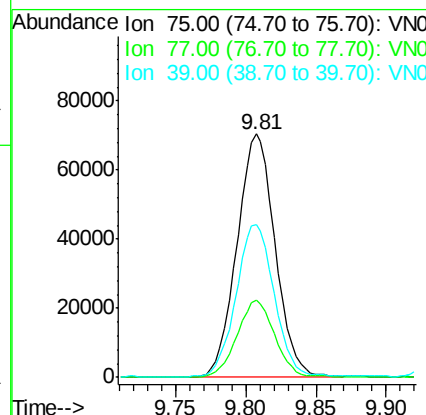
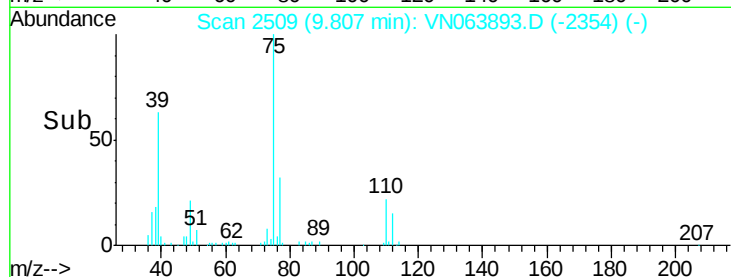
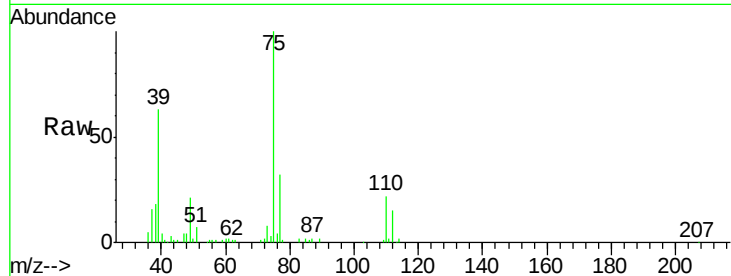
#49
 cis-1,3-Dichloropropene
 Concen: 18.340 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.8	37.2
39	62.4	34.5	51.7#

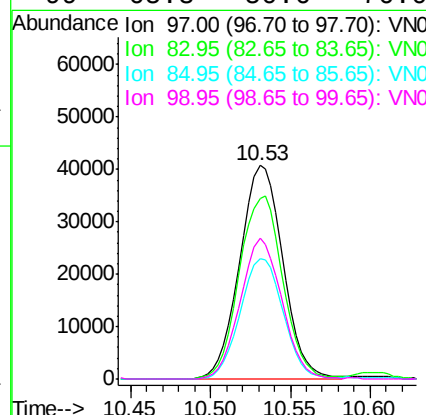
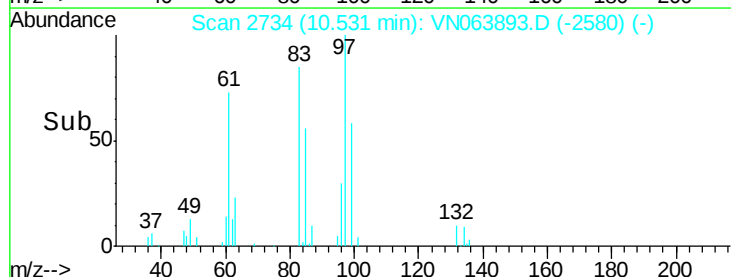
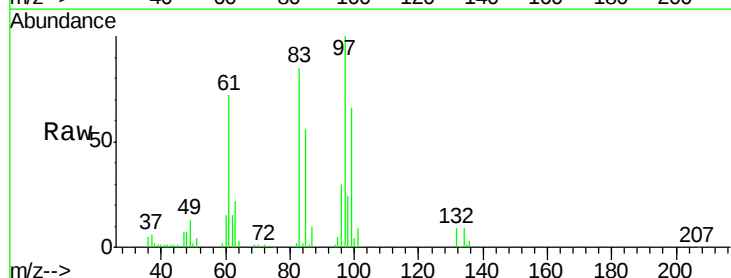
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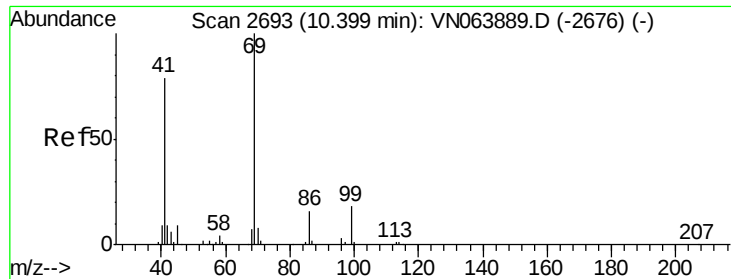
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#50
 1,1,2-Trichloroethane
 Concen: 18.000 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.6	69.9	104.9
85	56.2	44.0	66.0
99	65.8	50.6	76.0





#51

Ethyl methacrylate

Concen: 17.165 ug/l m

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

MSVOA_N

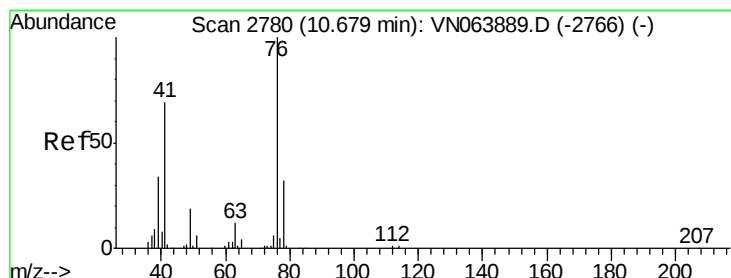
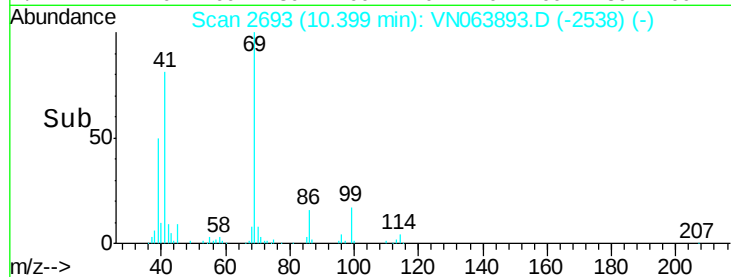
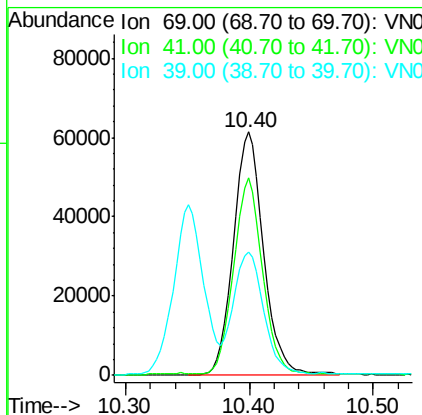
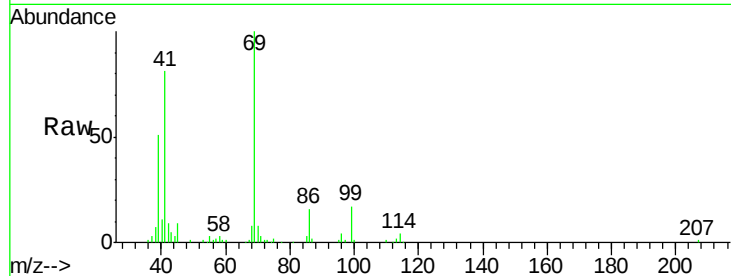
ClientSampleId :

ICVVN100620

Tot Ion:	69	Resp:	103969
Ion	Ratio	Lower	Upper
69	100		
41	81.1	32.1	96.5
39	50.6	16.1	48.3#

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#52

1,3-Dichloropropane

Concen: 17.826 ug/l

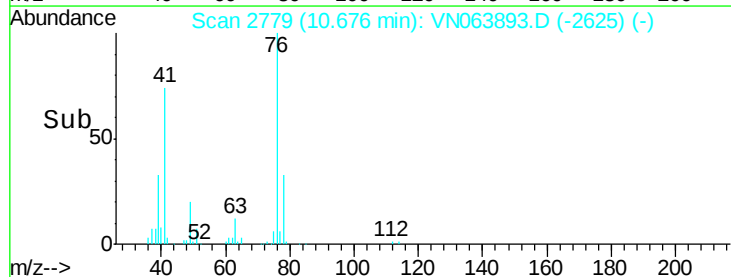
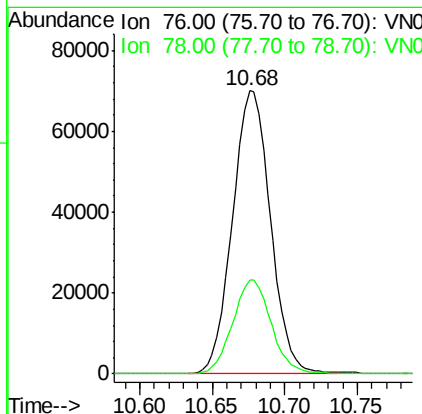
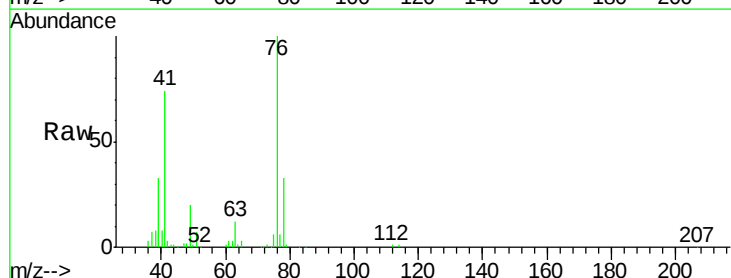
RT: 10.68 min Scan# 2779

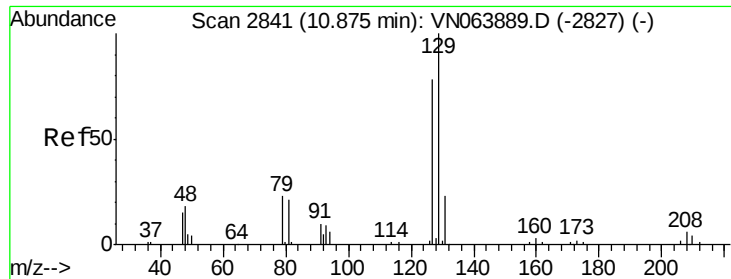
Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Tgt Ion:	76	Resp:	127509
Ion	Ratio	Lower	Upper
76	100		
78	33.6	0.0	63.2





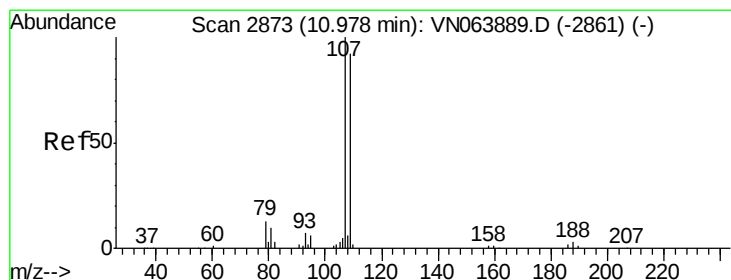
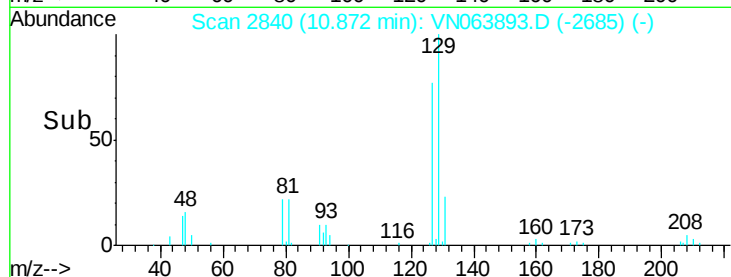
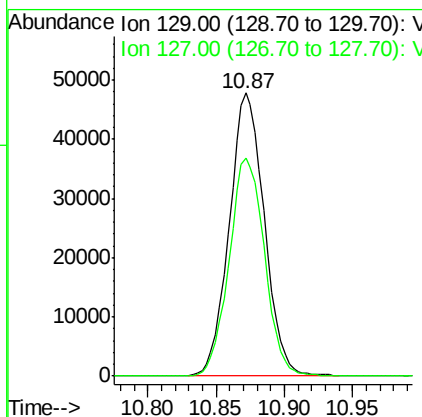
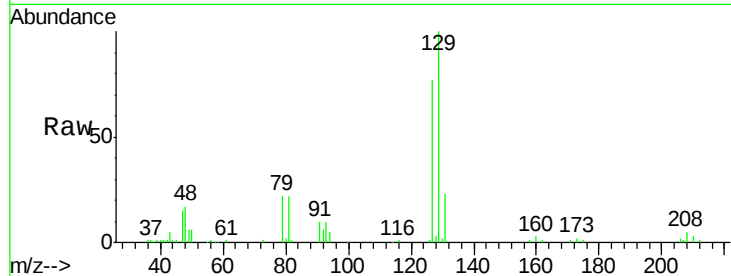
#53
Dibromochloromethane
Concen: 17.721 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion:129 Resp: 85172
Ion Ratio Lower Upper
129 100
127 78.0 38.7 116.1

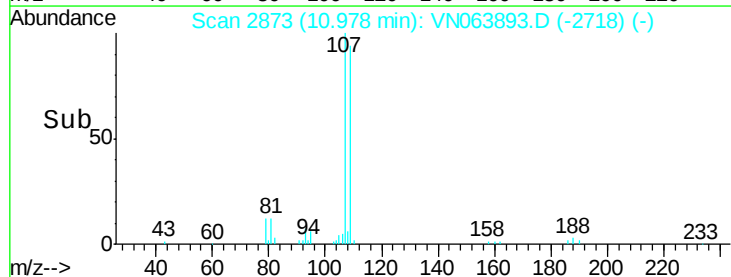
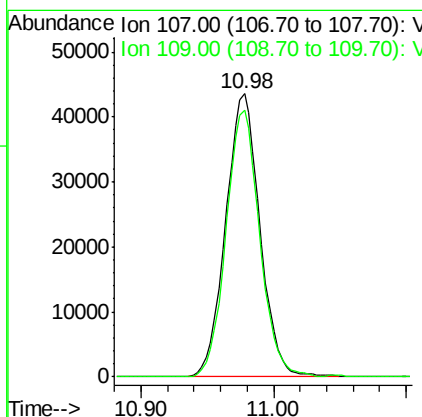
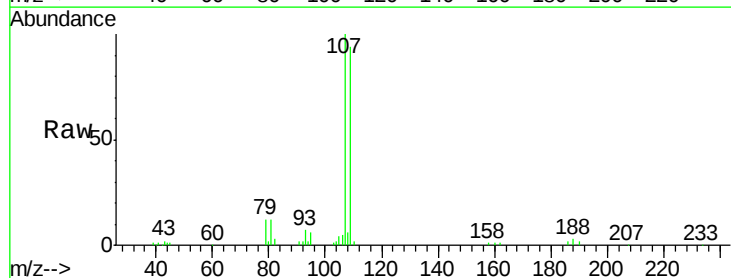
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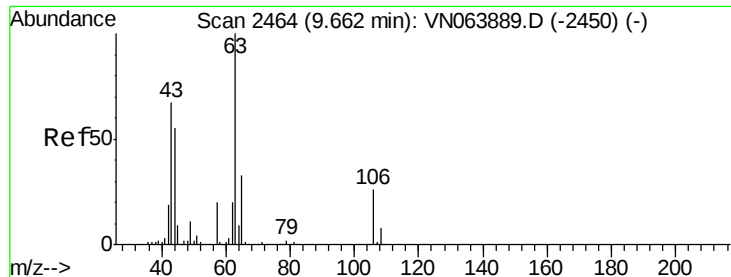
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#54
1,2-Dibromoethane
Concen: 17.833 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion:107 Resp: 78077
Ion Ratio Lower Upper
107 100
109 92.5 76.3 114.5





#55

2-Chloroethyl vinyl ether

Concen: 58.018 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

MSVOA_N

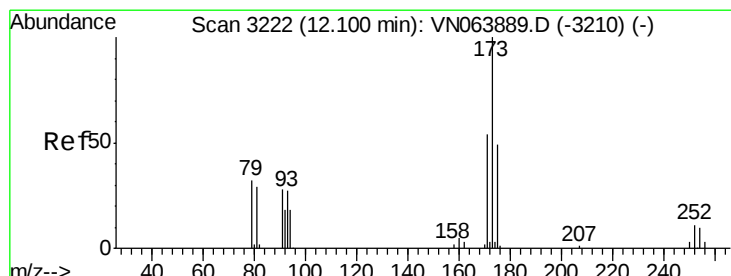
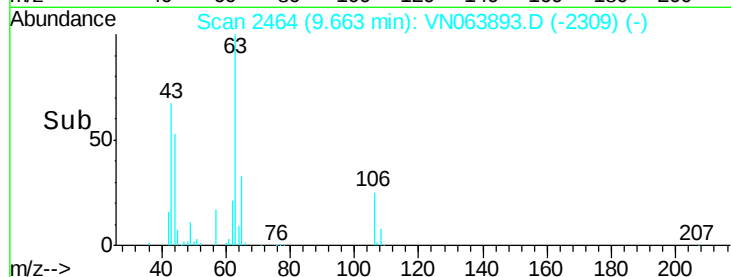
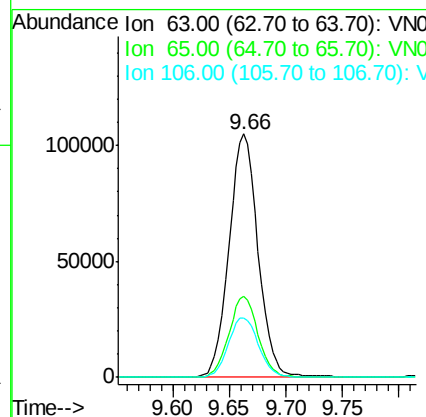
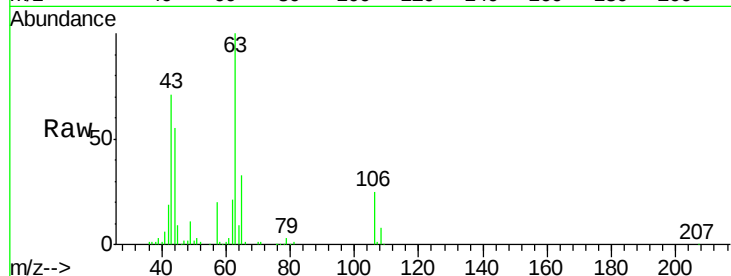
ClientSampleId :

ICVFN100620

Tot Ion:	63	Resp:	187531
Ion	Ratio	Lower	Upper
63	100		
65	33.3	25.9	38.9
106	25.4	19.9	29.9

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#56

Bromoform

Concen: 16.685 ug/l

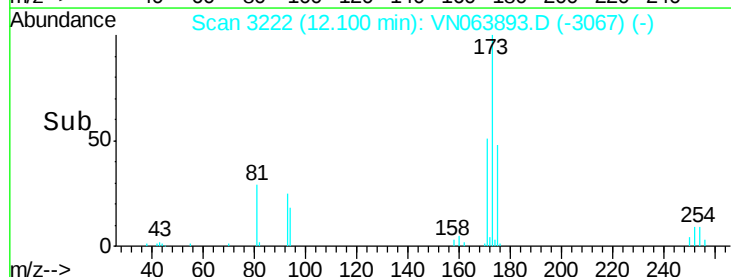
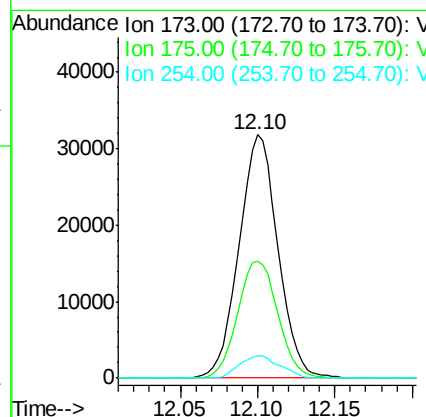
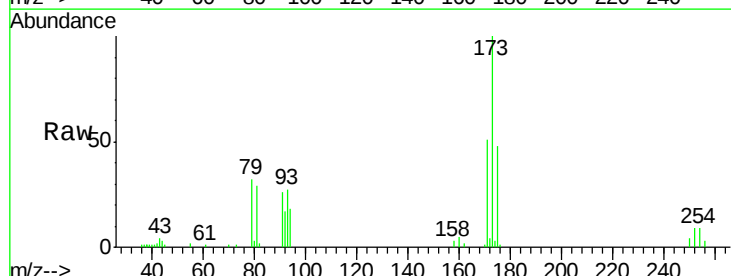
RT: 12.10 min Scan# 3222

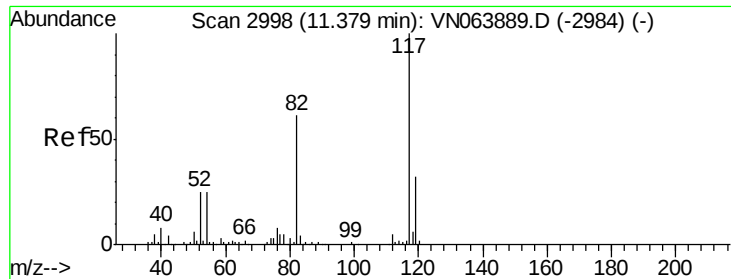
Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Tgt Ion:	173	Resp:	55568
Ion	Ratio	Lower	Upper
173	100		
175	49.4	41.2	61.8
254	9.5	9.0	13.4





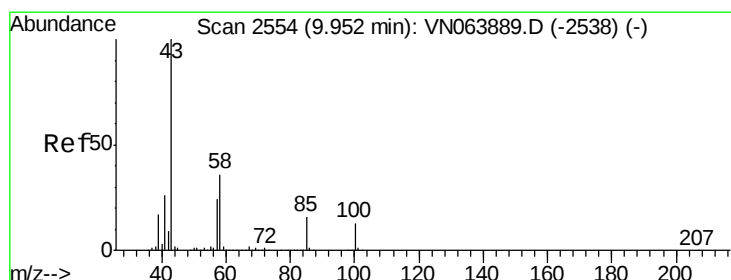
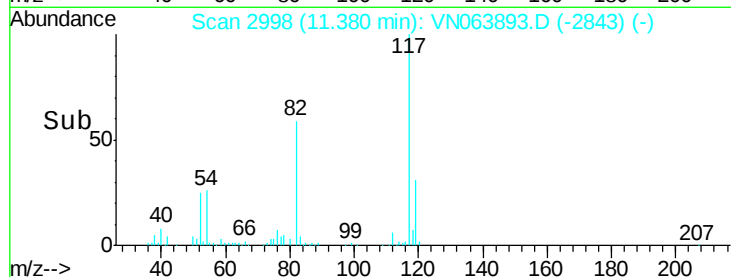
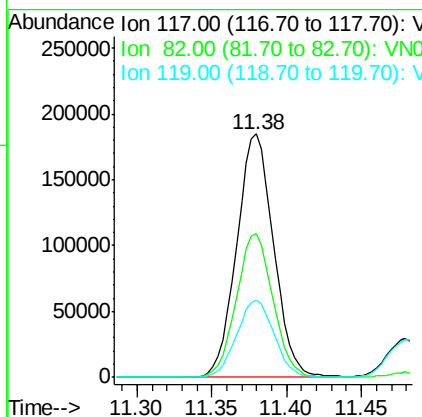
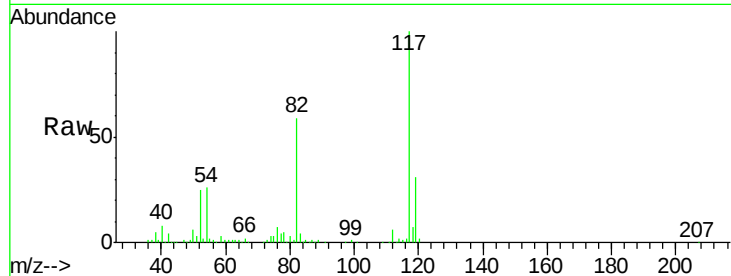
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Resp	Lower	Upper
117	100	317511		
82	58.7	44.9	67.3	
119	32.3	26.0	39.0	

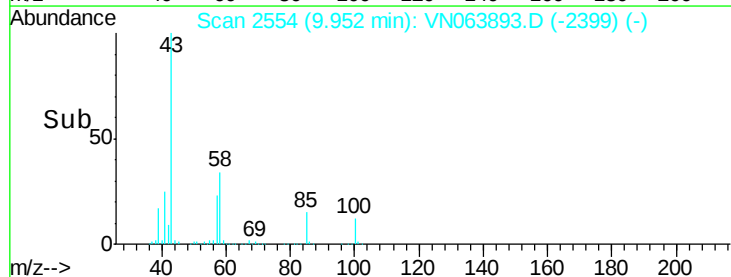
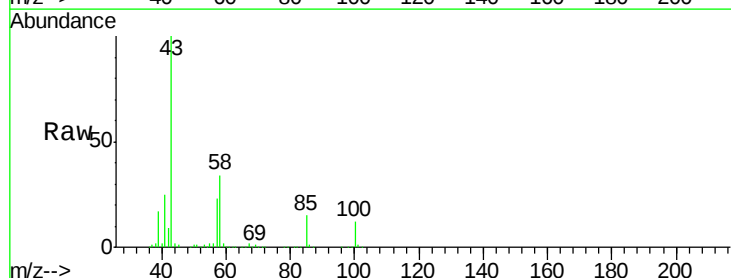
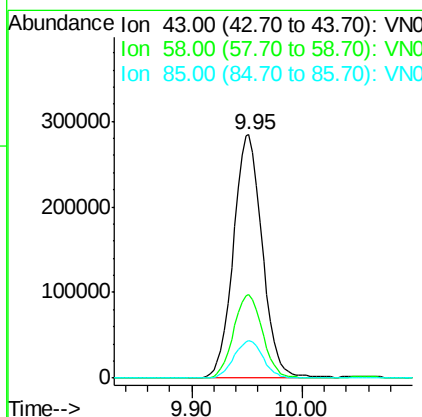
Manual Integrations
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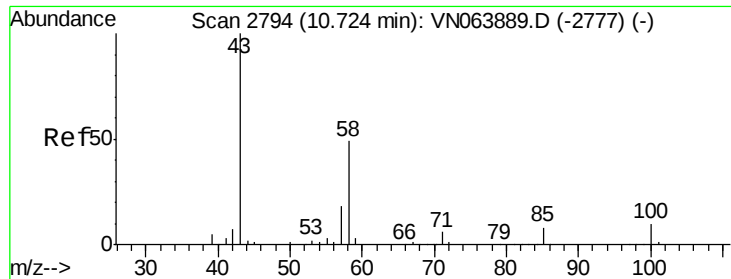
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 83.221 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	512816		
58	34.6	31.4	47.0	
85	15.6	13.4	20.2	





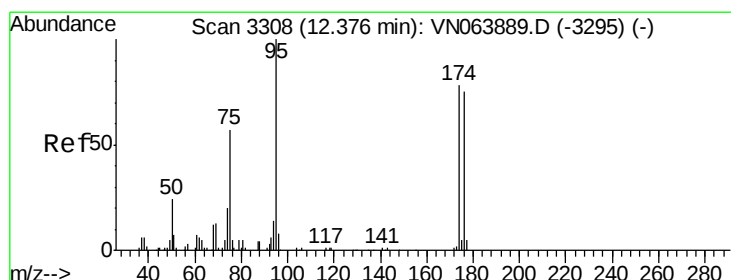
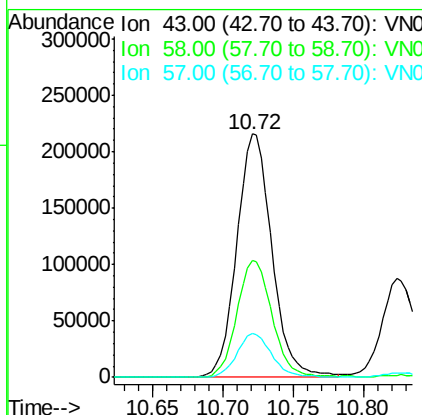
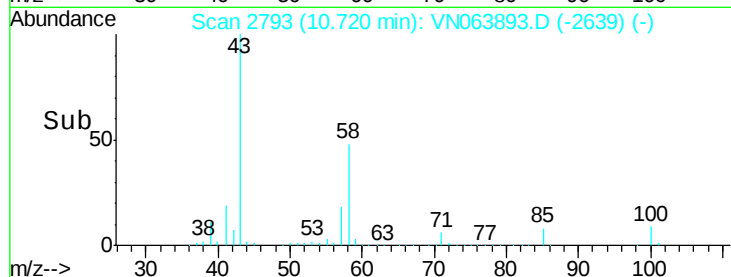
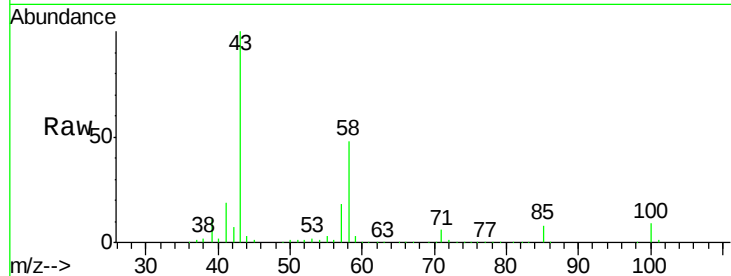
#59
2-Hexanone
Concen: 81.737 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.2	42.6	64.0
57	18.0	14.6	21.8

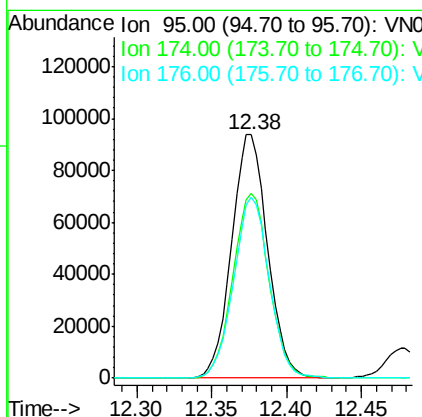
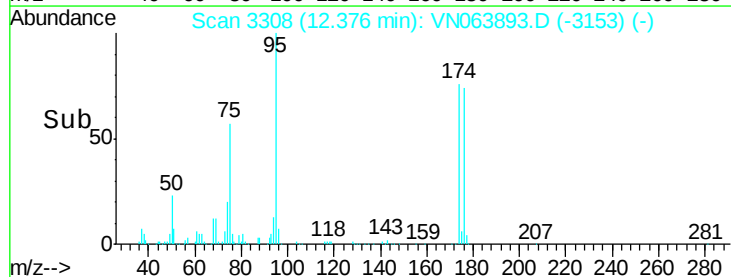
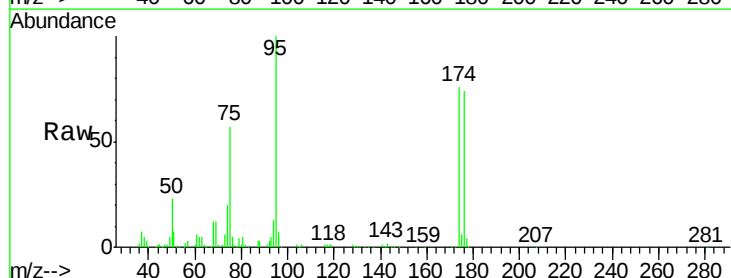
Manual Integrations
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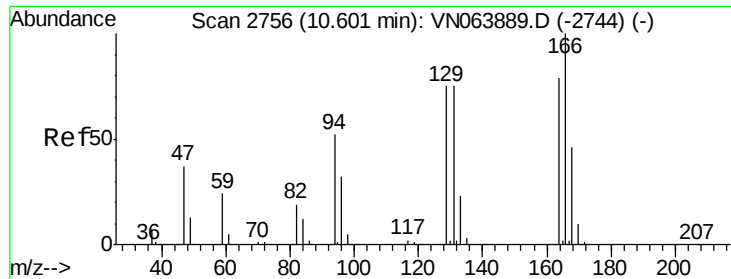
MMDadoda
10/7/2020 12:11:39 PM



#60
4-Bromofluorobenzene
Concen: 28.921 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
95	100		
174	76.3	70.1	105.1
176	73.5	66.8	100.2





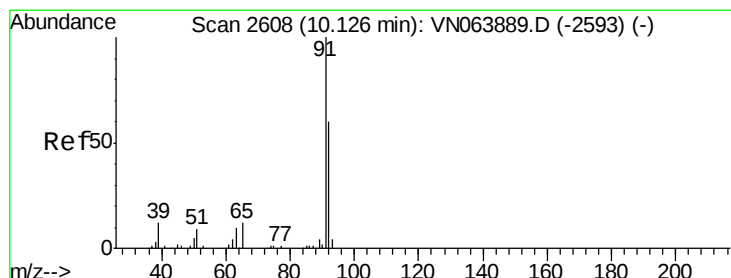
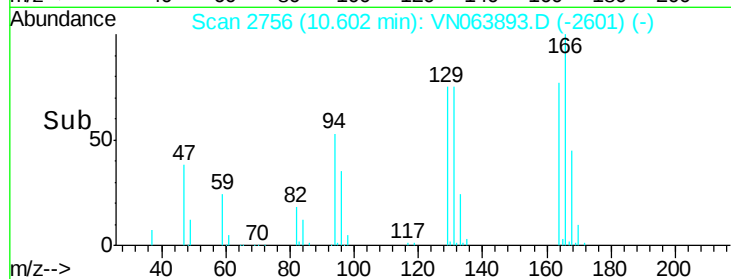
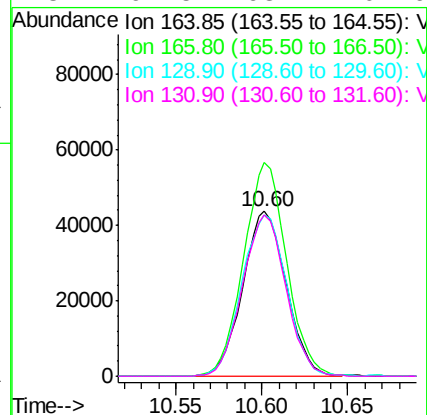
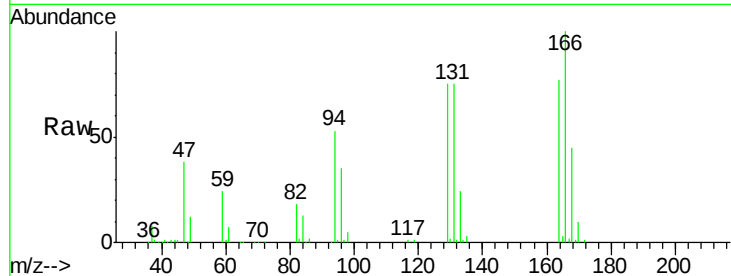
#61
Tetrachloroethene
Concen: 19.108 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.6	100.1	150.1
129	97.5	72.5	108.7
131	97.5	68.4	102.6

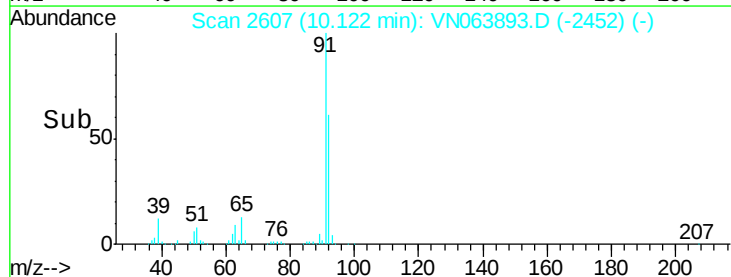
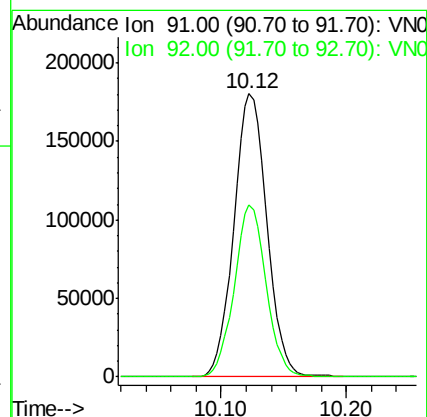
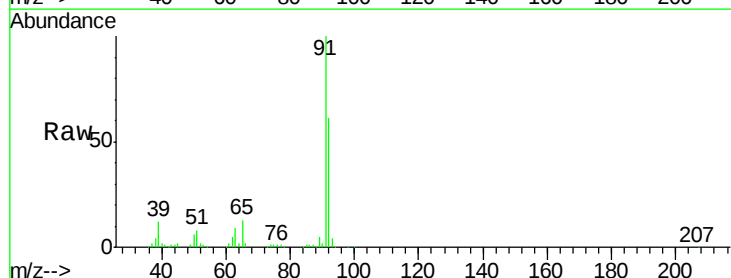
Manual Integrations
APPROVED

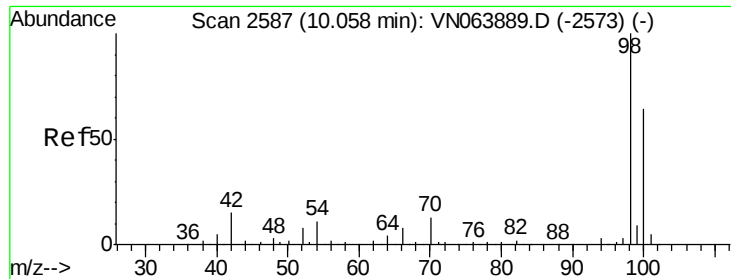
MMDadoda
10/7/2020 12:11:39 PM



#62
Toluene
Concen: 18.086 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.5	45.5	68.3





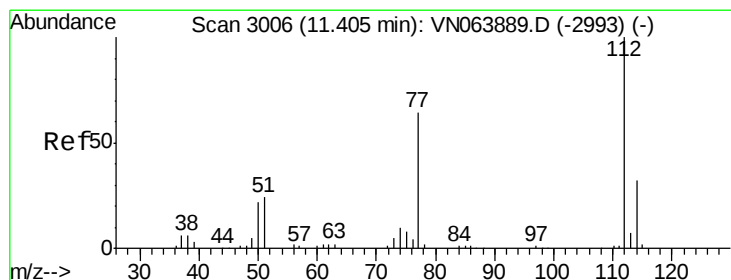
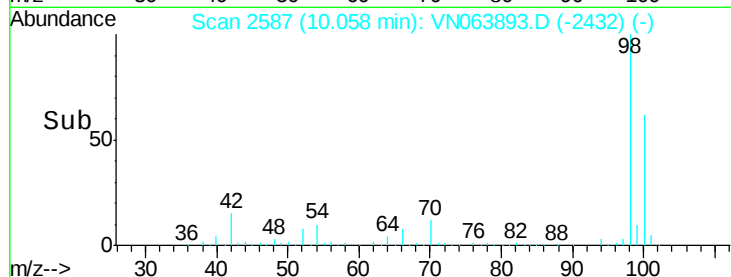
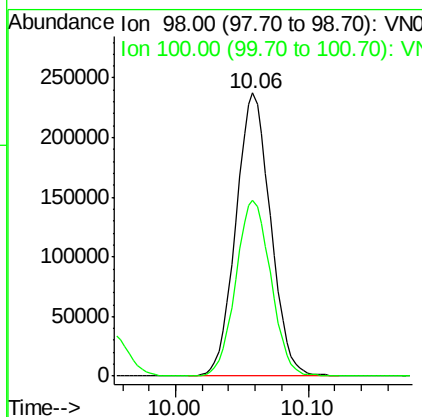
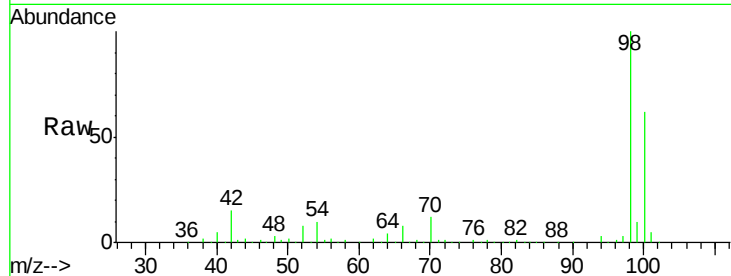
#63
Toluene-d8
Concen: 29.955 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVFN100620

Tot Ion: 98 Resp: 431030
Ion Ratio Lower Upper
98 100
100 62.8 51.4 77.2

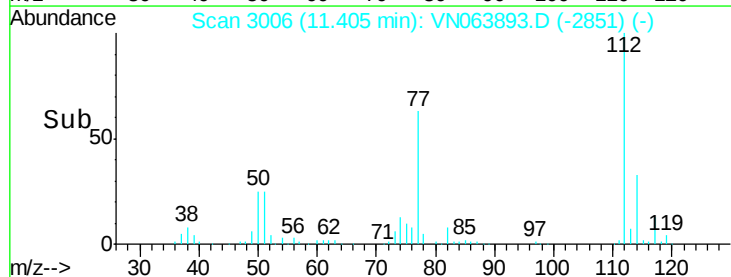
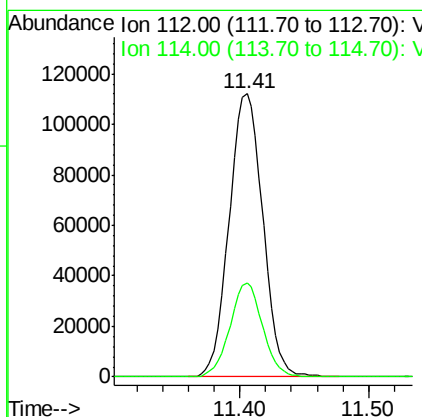
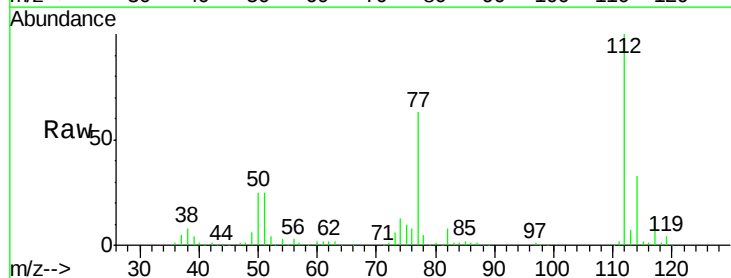
Manual Integrations
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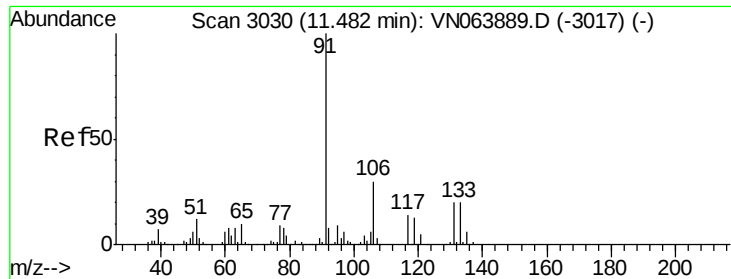
MMDadoda
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#64
Chlorobenzene
Concen: 18.417 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion: 112 Resp: 203556
Ion Ratio Lower Upper
112 100
114 33.3 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 17.665 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

MSVOA_N

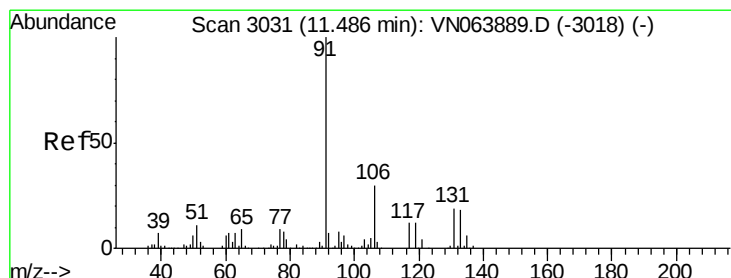
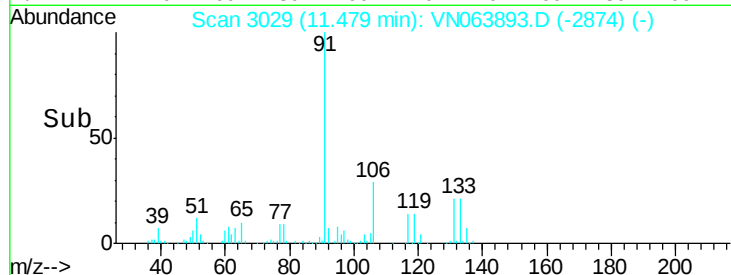
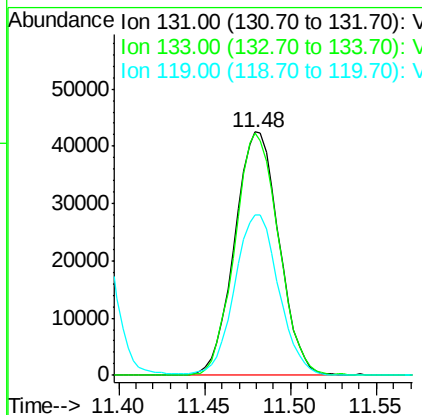
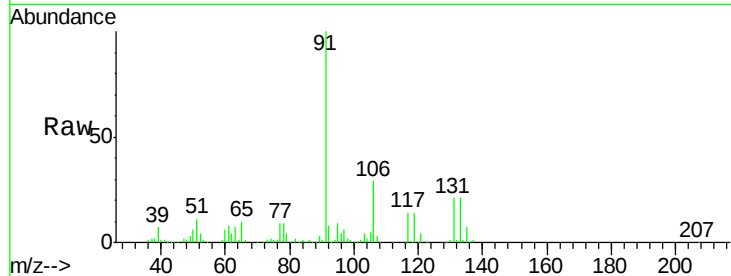
ClientSampleId :

ICVVN100620

Tot Ion	Ratio	Lower	Upper
131	100		
133	97.9	0.0	191.2
119	64.8	0.0	134.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.446 ug/l

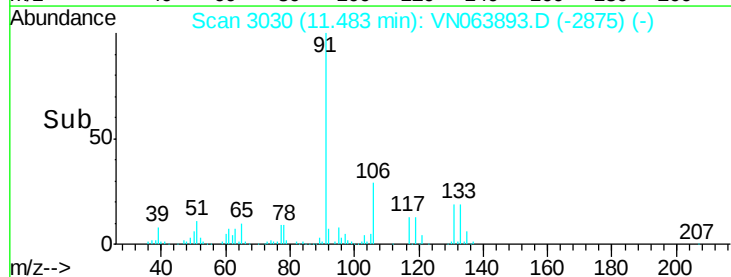
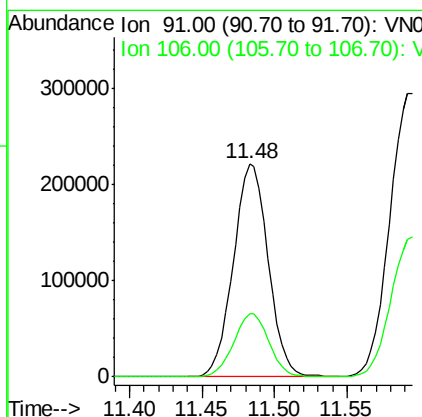
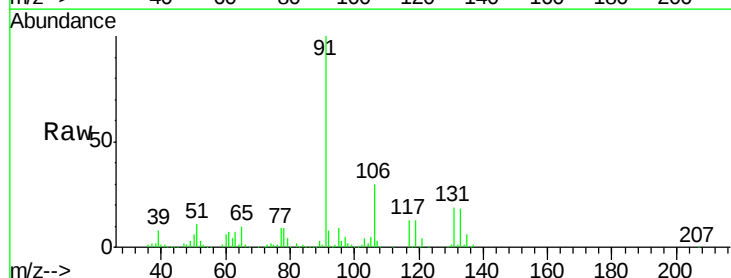
RT: 11.48 min Scan# 3030

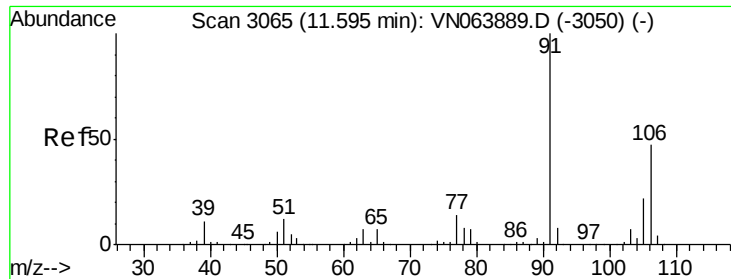
Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.0	37.4





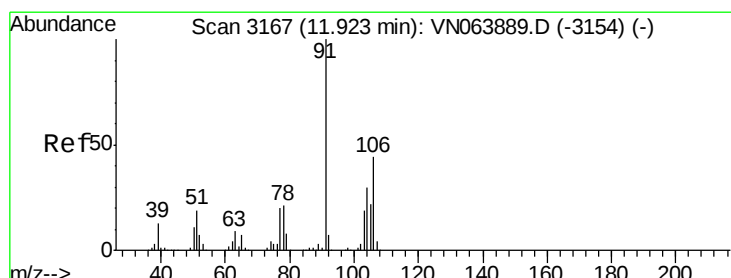
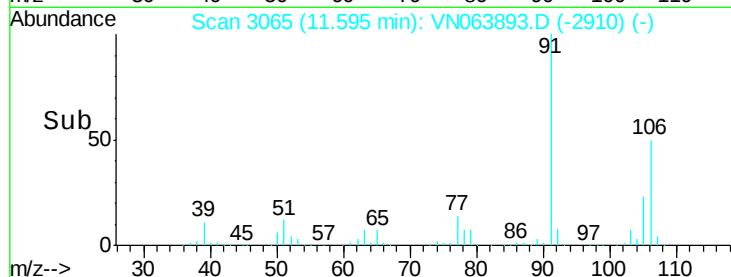
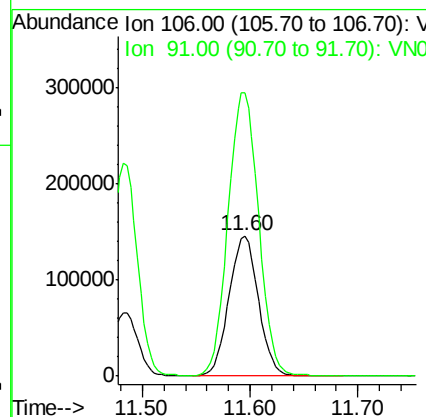
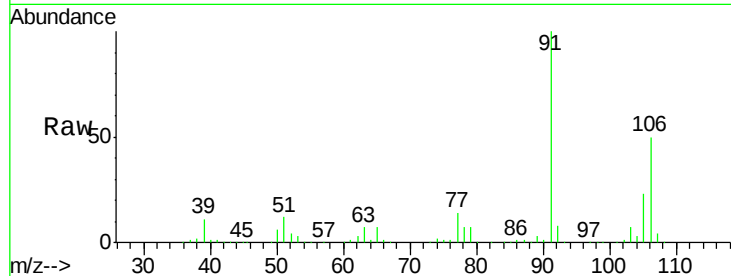
#67
m/p-Xylenes
Concen: 37.337 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion:106 Resp: 278035
Ion Ratio Lower Upper
106 100
91 208.8 164.9 247.3

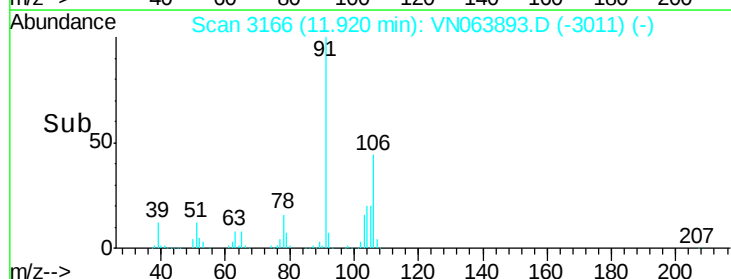
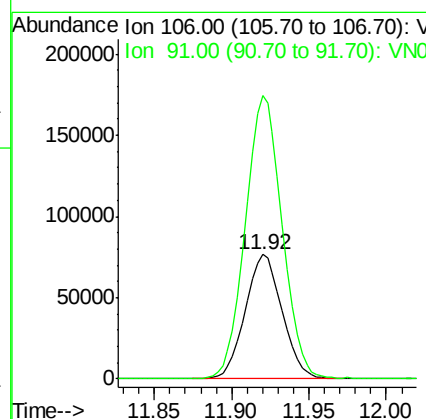
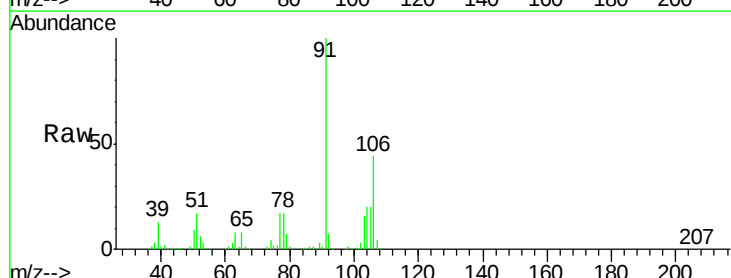
Manual Integrations
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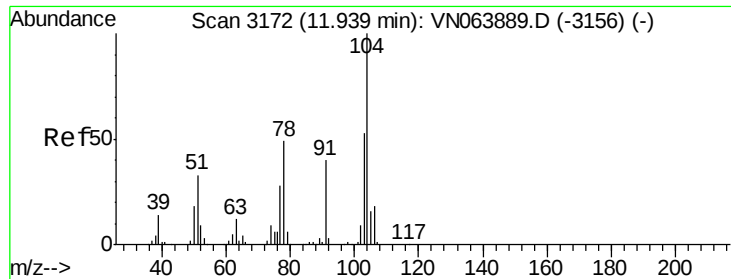
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#68
o-Xylene
Concen: 17.902 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion:106 Resp: 127015
Ion Ratio Lower Upper
106 100
91 226.4 108.0 324.0





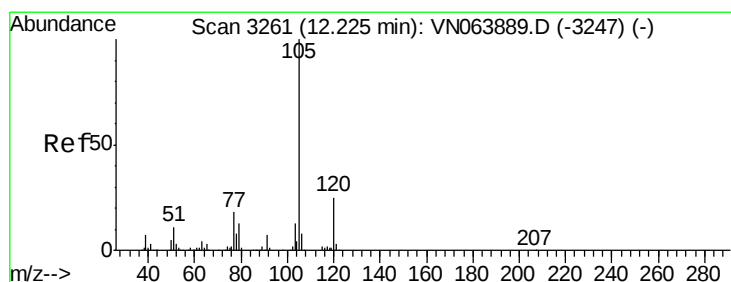
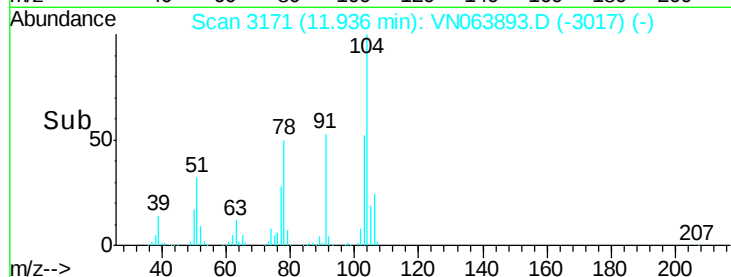
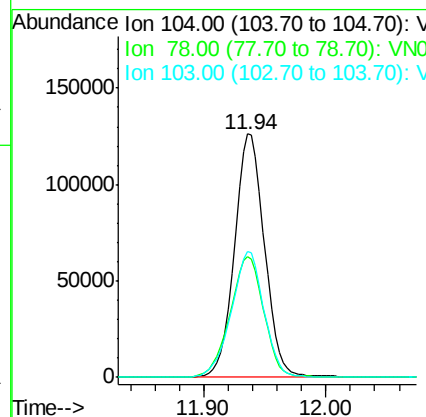
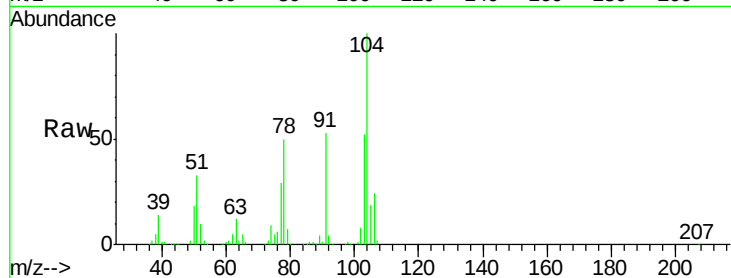
#69
Stvrene
Concen: 17.867 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
104	100		
78	55.8	39.6	59.4
103	56.2	44.4	66.6

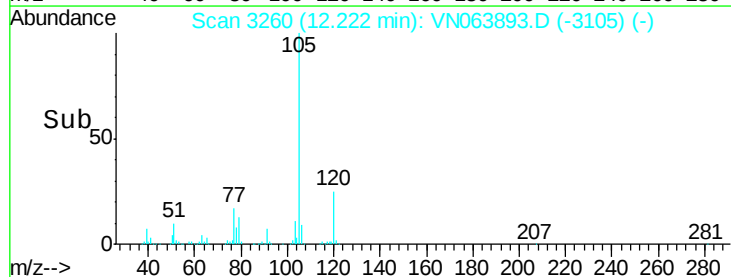
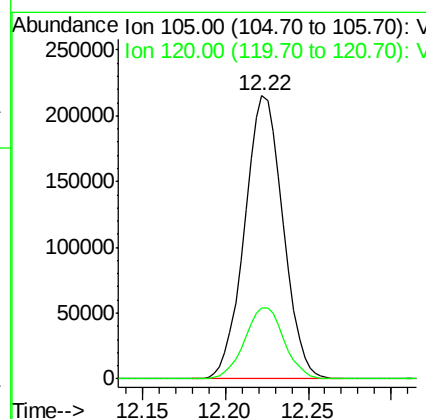
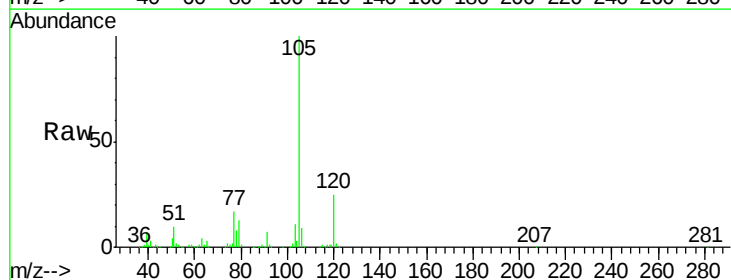
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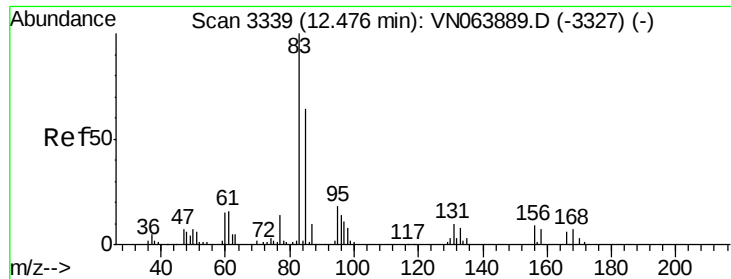
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#70
Isopropylbenzene
Concen: 18.395 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
105	100		
120	25.8	18.5	34.3





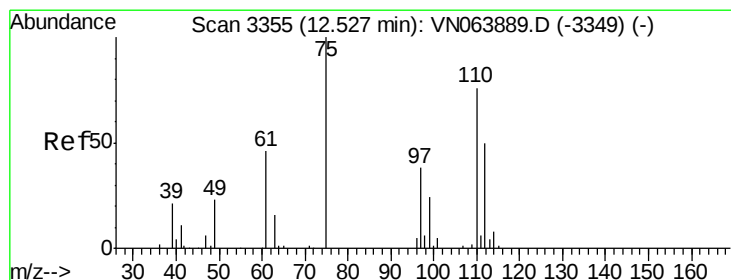
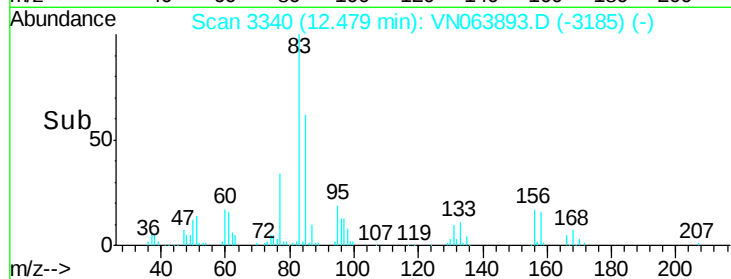
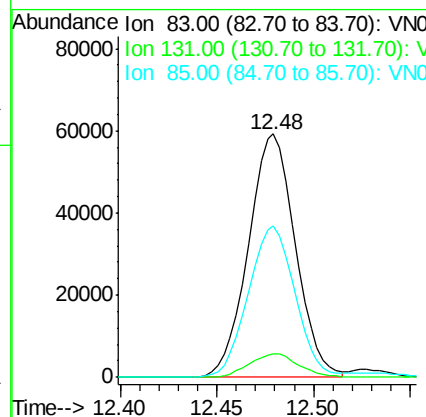
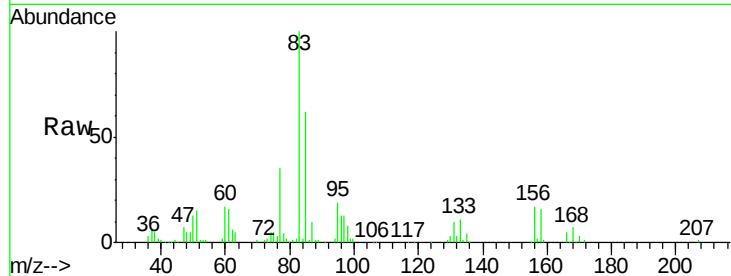
#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.801 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Tot Ion	83	Resp	100118
Ion Ratio	100	Lower	Upper
83	100		
131	10.1	4.5	13.7
85	62.0	31.8	95.3

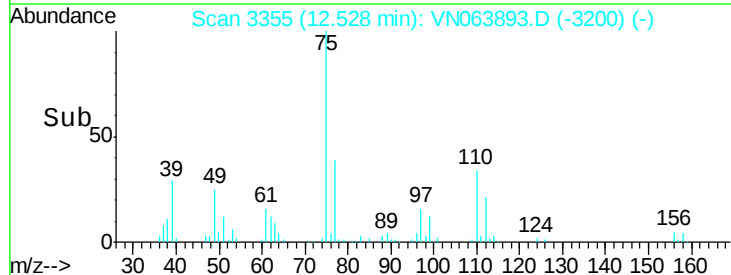
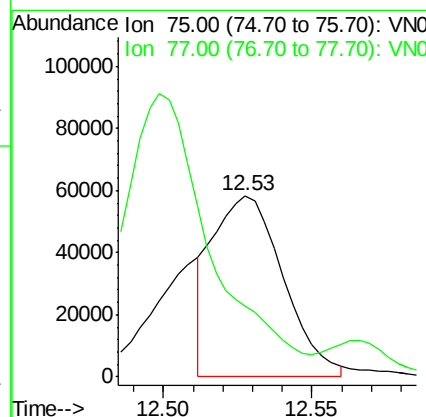
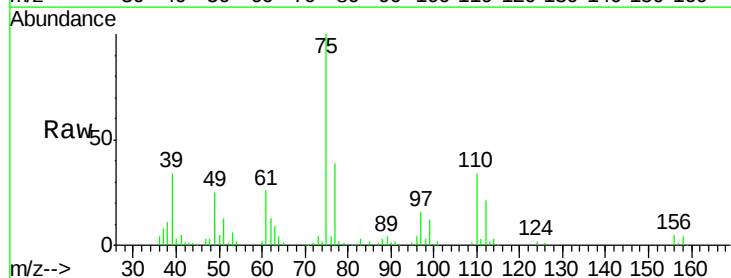
Manual Integrations
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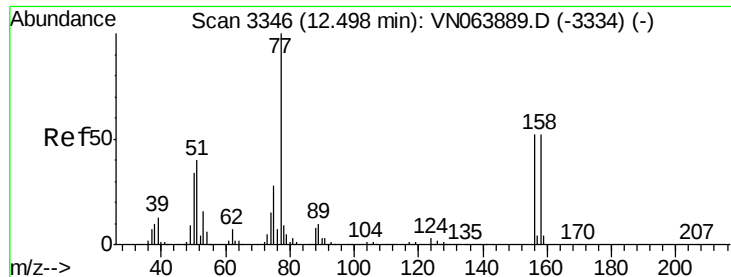
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#72
 1,2,3-Trichloropropane
 Concen: 15.821 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion	75	Resp	96137
Ion Ratio	100	Lower	Upper
75	100		
77	196.1	0.0	387.8





#73

Bromobenzene

Concen: 18.207 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

MSVOA_N

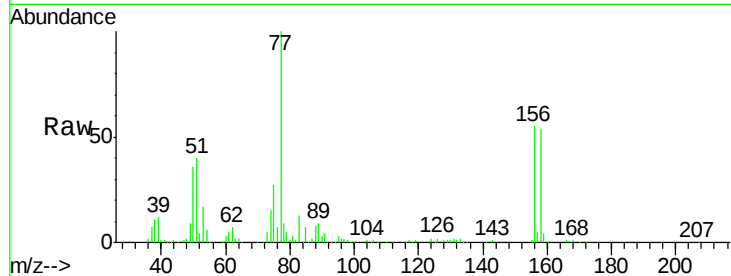
ClientSampleId :

ICVVN100620

Tot Ion:	156	Resp:	86996
Ion	Ratio	Lower	Upper
156	100		
77	216.7	0.0	398.6
158	96.4	0.0	195.4

Manual Integrations
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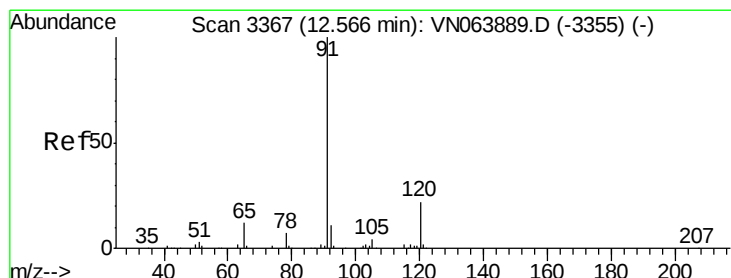
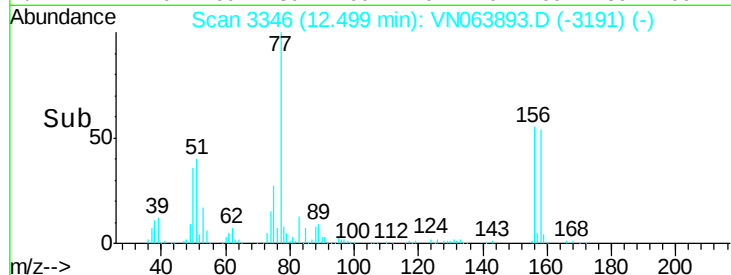
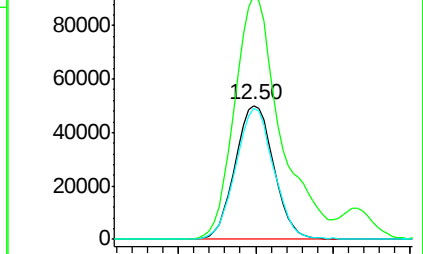
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.459 ug/l

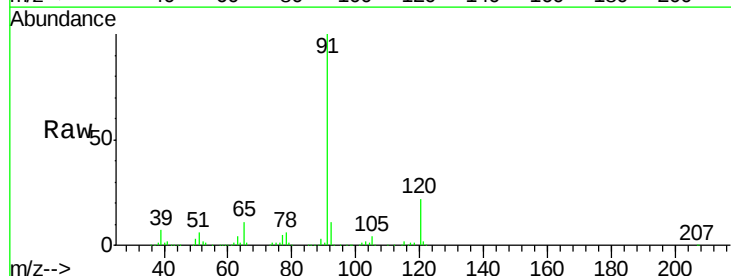
RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063893.D

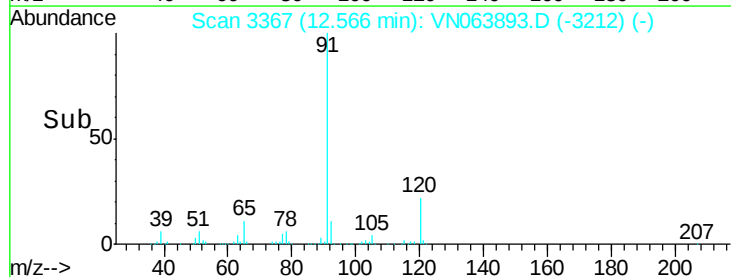
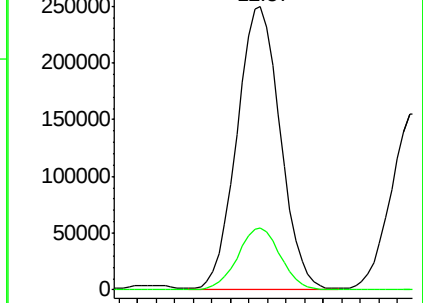
Acq: 6 Oct 2020 14:31

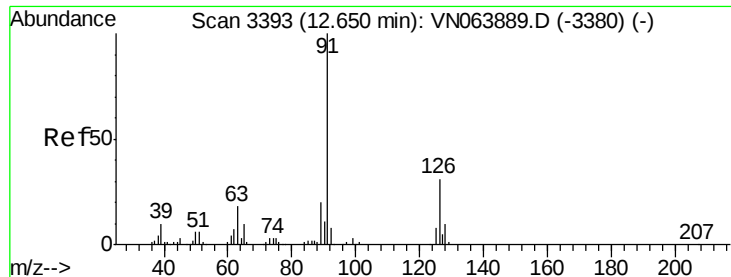
Tgt Ion:	91	Resp:	406812
Ion	Ratio	Lower	Upper
91	100		
120	21.6	0.0	44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.882 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063893.D

Acq: 6 Oct 2020 14:31

Instrument :

MSVOA_N

ClientSampleId :

ICVVN100620

Tot Ion: 91 Resp: 253833

Ion Ratio Lower Upper

91 100

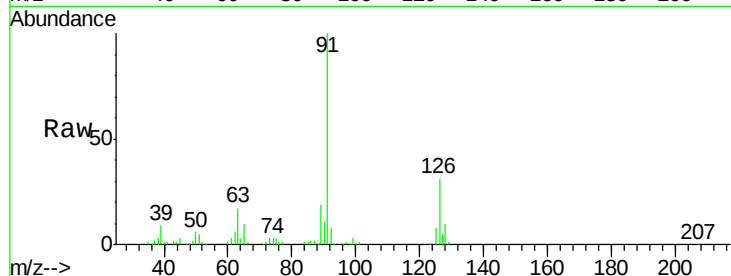
126 30.7 0.0 68.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VN063889.D (-3380) (-)

Ion 126.00 (125.70 to 126.70): VN063889.D (-3380) (-)

250000

200000

150000

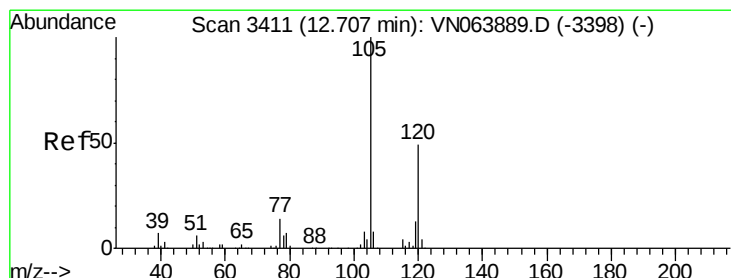
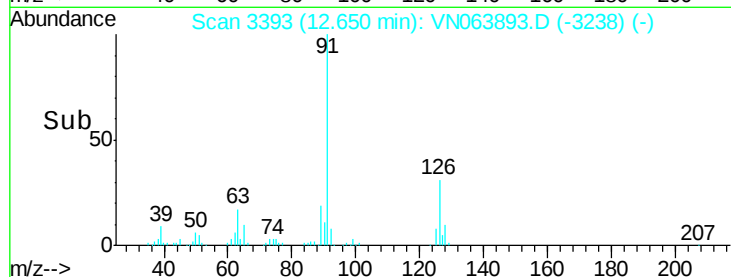
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.569 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063893.D

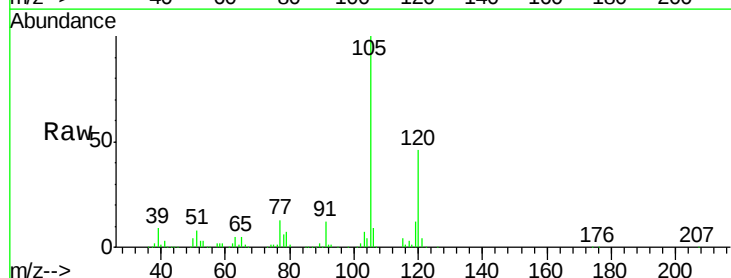
Acq: 6 Oct 2020 14:31

Tgt Ion: 105 Resp: 295211

Ion Ratio Lower Upper

105 100

120 45.2 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN063889.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN063889.D (-3398) (-)

200000

150000

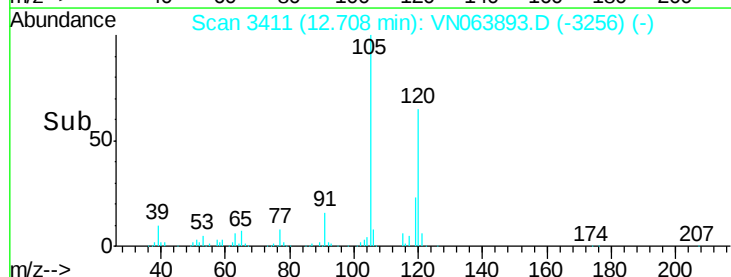
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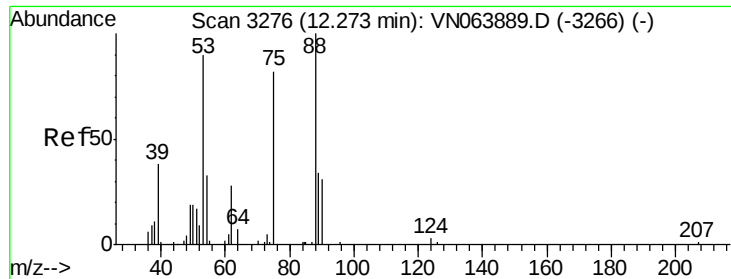
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0

12.60 12.70 12.80

Time-->





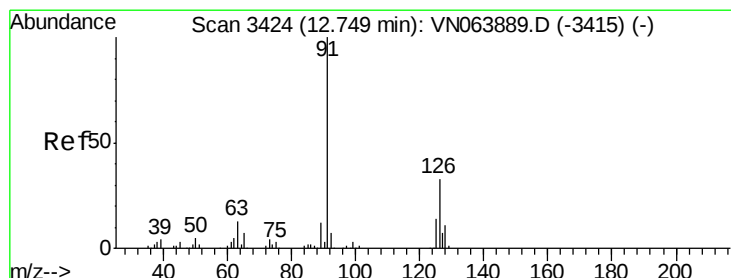
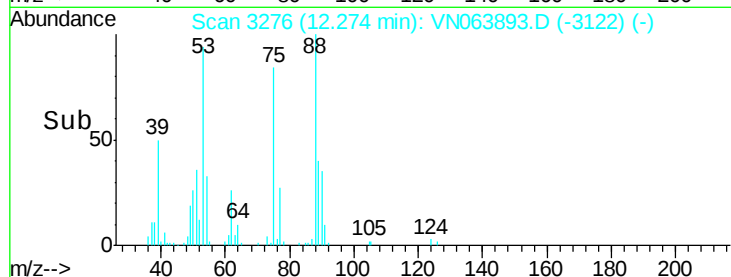
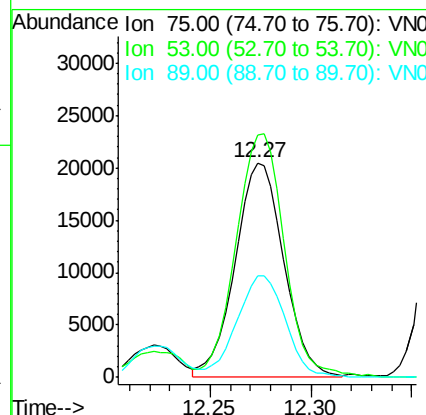
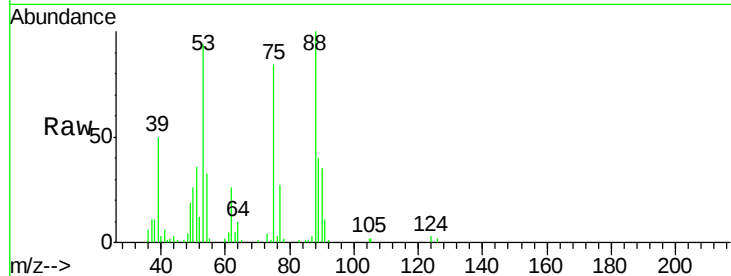
#77
t-1,4-Dichloro-2-butene
Concen: 15.885 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
75	100		
53	112.0	47.0	141.0
89	47.1	22.9	68.7

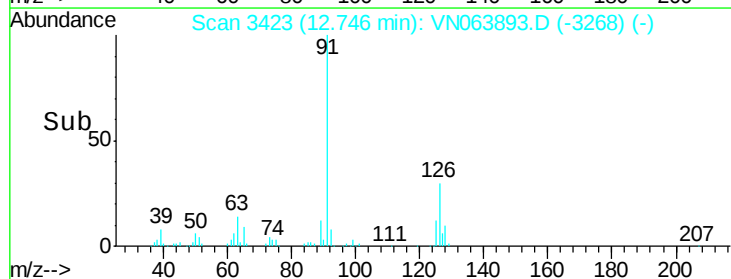
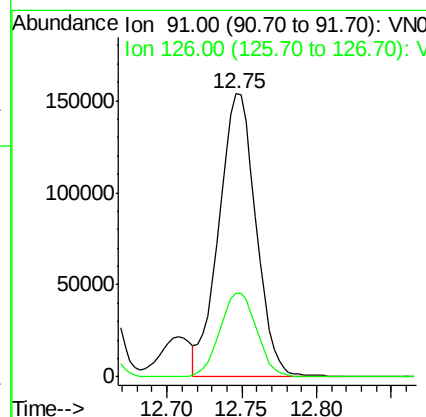
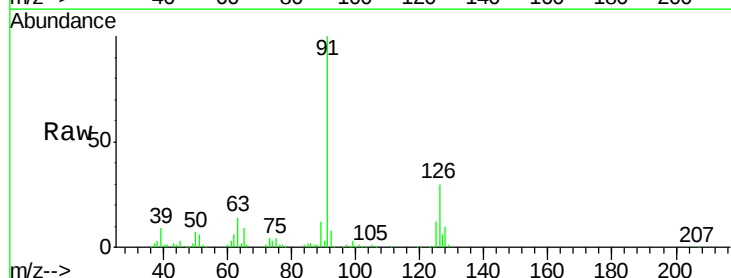
Manual Integrations
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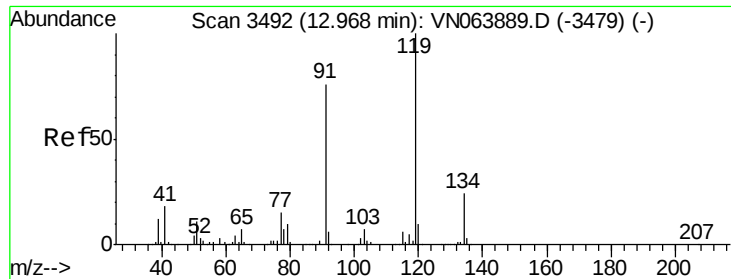
MMDadoda
10/7/2020 12:11:39 PM



#78
4-Chlorotoluene
Concen: 18.495 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	0.0	65.0





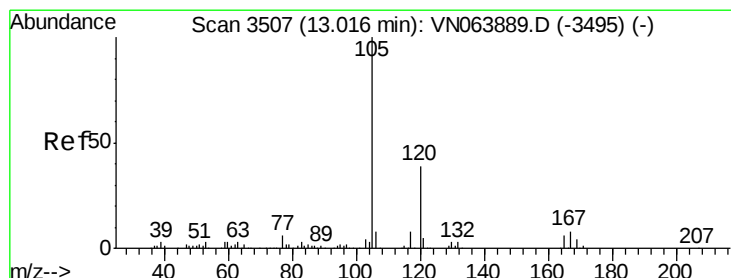
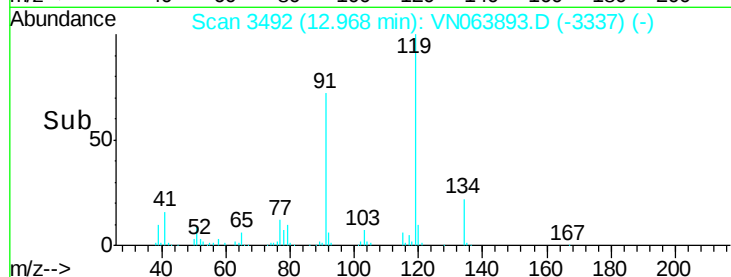
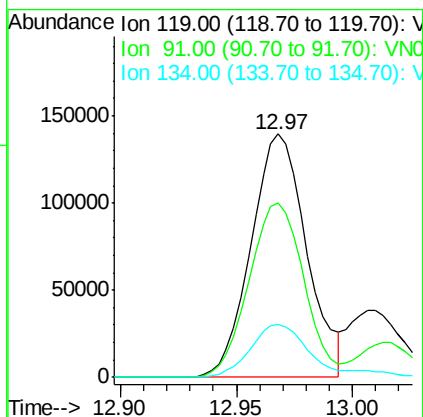
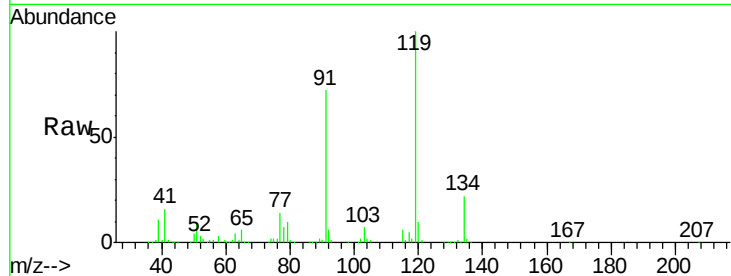
#79
tert-butylbenzene
Concen: 18.249 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Resp	Lower	Upper
119	100	232425		
91	70.9	0.0	136.8	
134	21.9	0.0	48.8	

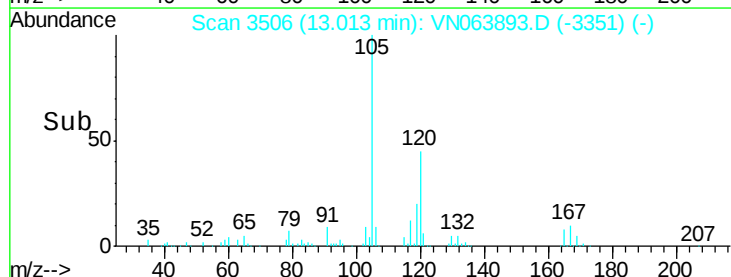
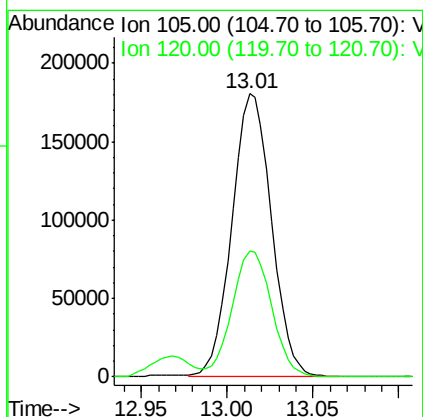
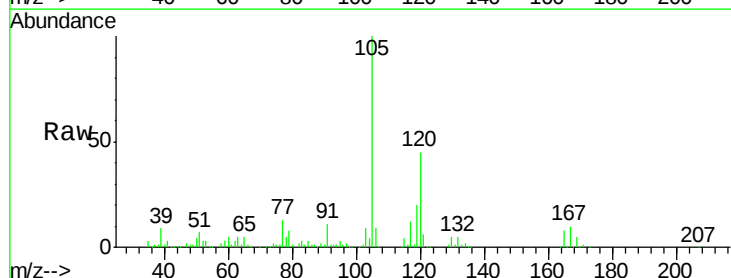
Manual Integrations
APPROVED

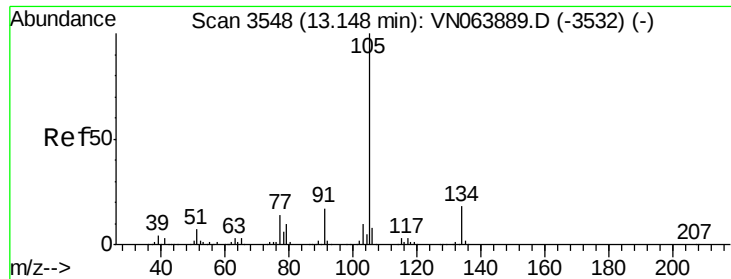
MMDadoda
10/7/2020 12:11:39 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.110 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	288619		
120	45.1	0.0	90.4	





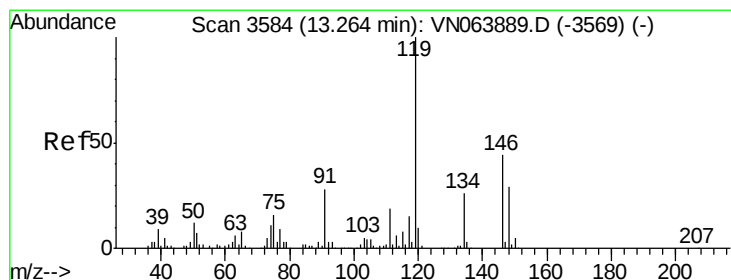
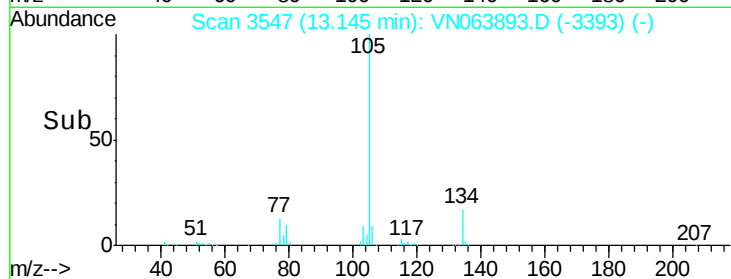
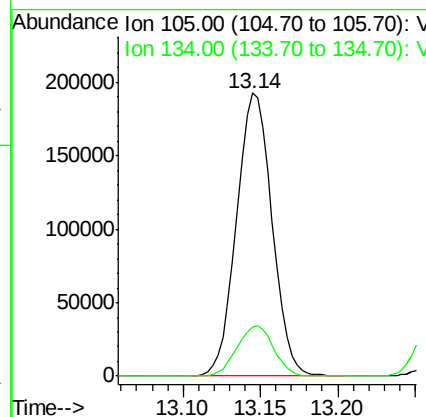
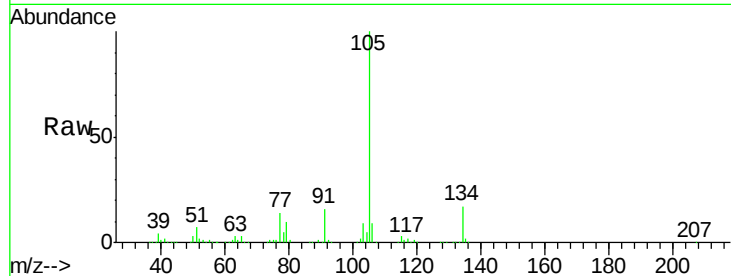
#81
 sec-Butylbenzene
 Concen: 18.232 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Tot Ion	Ratio	Resp	Lower	Upper
105	100	305214		
134	18.4	0.0	39.4	

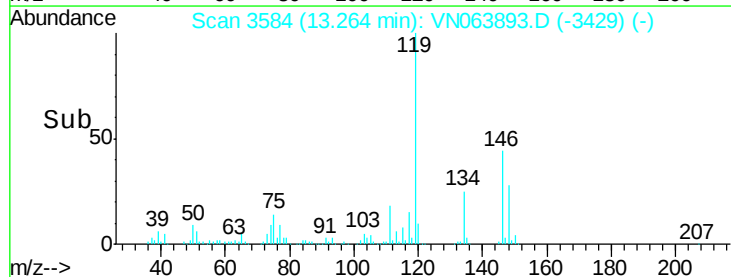
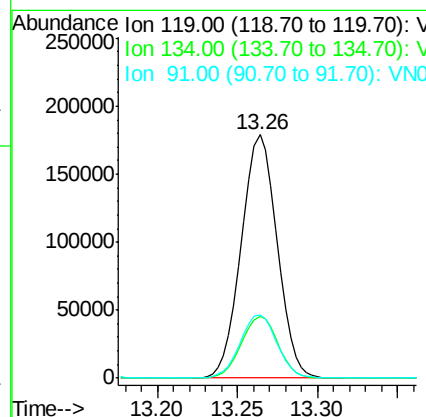
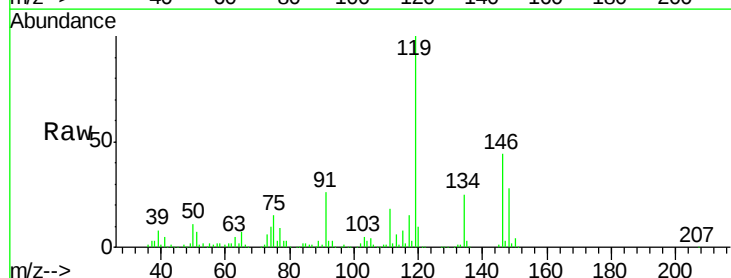
Manual Integrations
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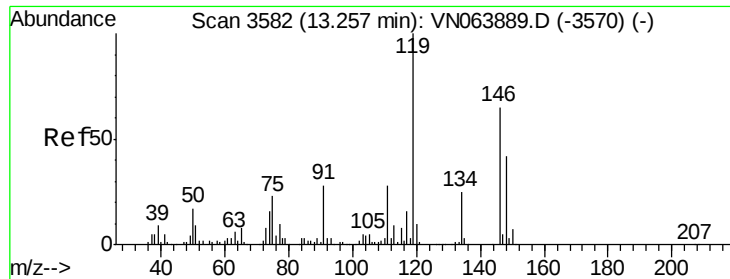
MMDadoda
 10/7/2020 12:11:39 PM



#82
 p-Isopropyltoluene
 Concen: 18.091 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	273734		
134	25.8	0.0	52.2	
91	26.9	0.0	46.2	





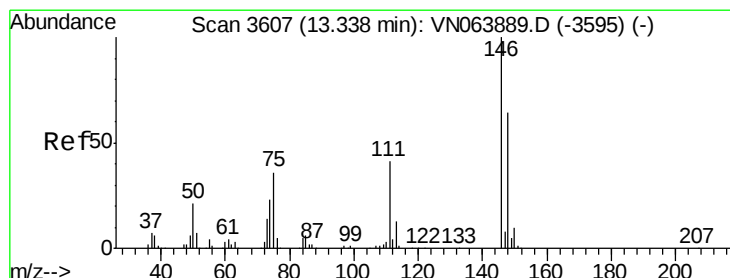
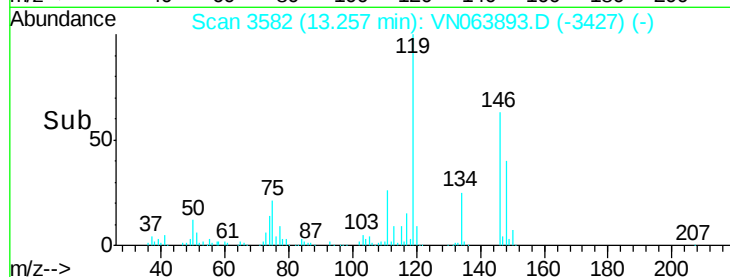
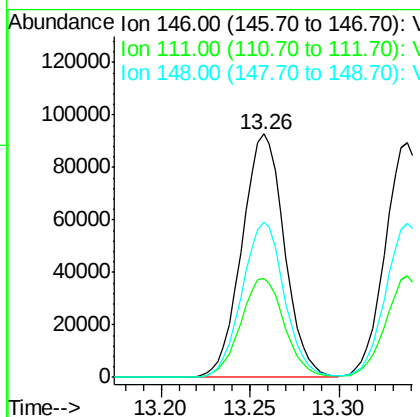
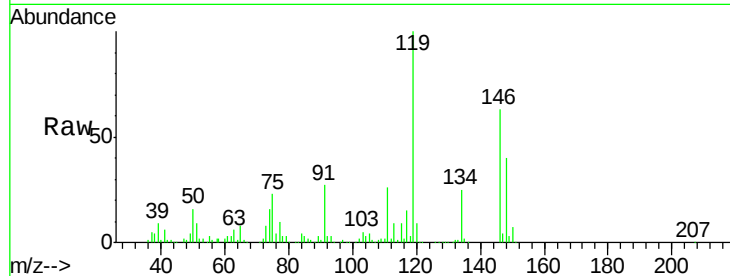
#83
1,3-Dichlorobenzene
Concen: 18.179 ug/l
RT: 13.26 min Scan# 3582
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	19.4	58.1
148	63.3	31.5	94.5

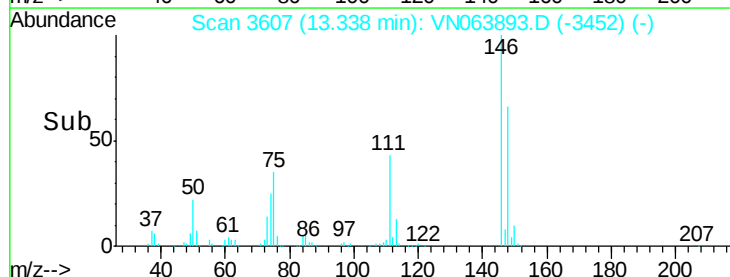
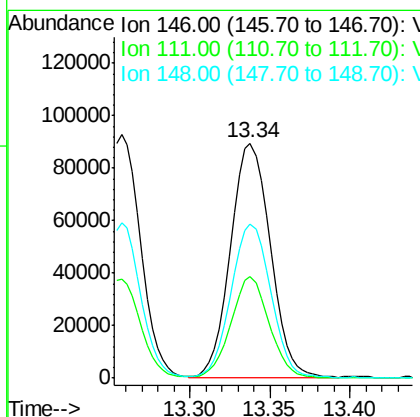
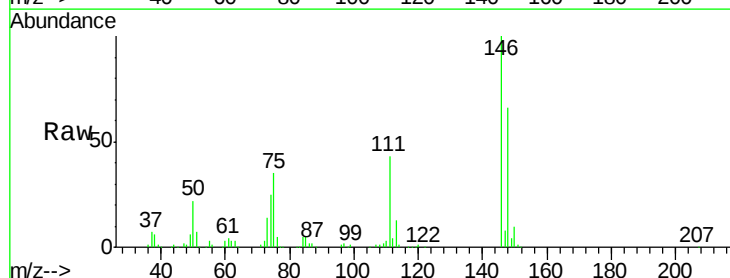
Manual Integrations
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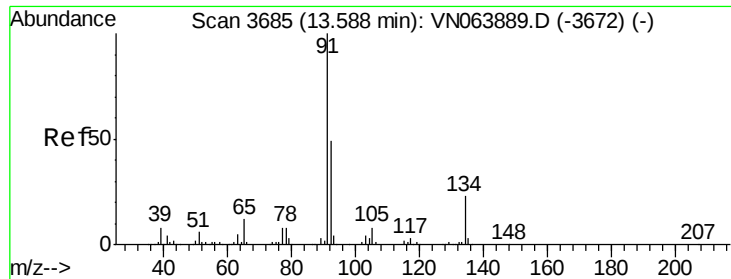
MMDadoda
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#84
1,4-Dichlorobenzene
Concen: 18.120 ug/l
RT: 13.34 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	18.6	55.8
148	65.1	31.6	94.8





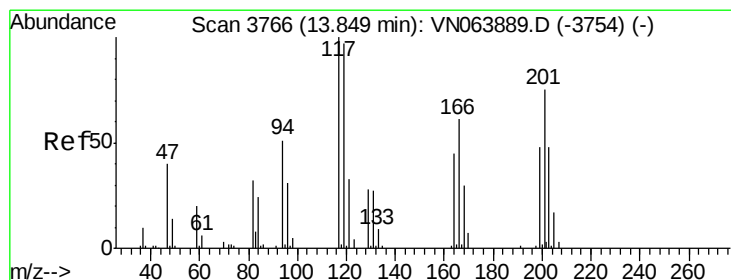
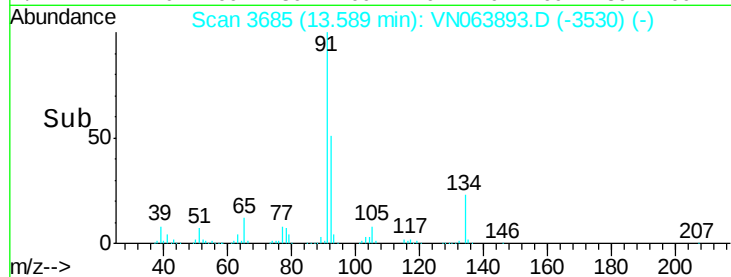
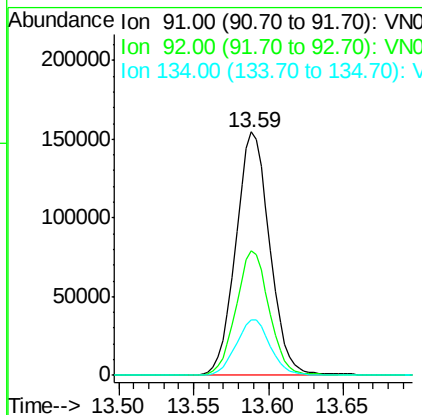
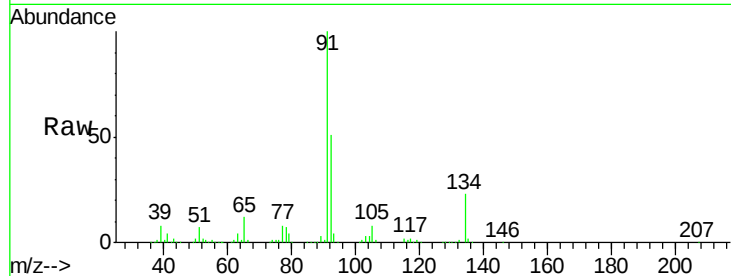
#85
n-Butylbenzene
Concen: 18.451 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.3	0.0	100.6
134	22.9	0.0	47.4

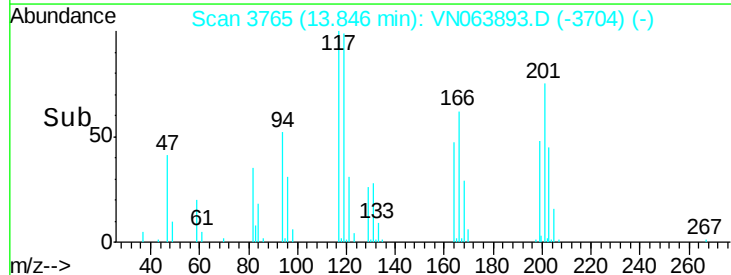
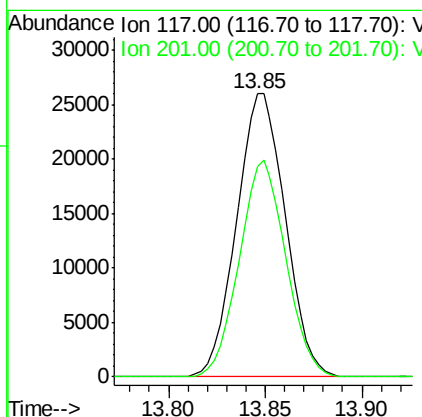
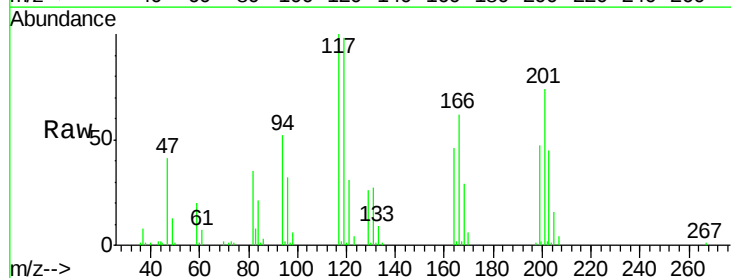
Manual Integrations
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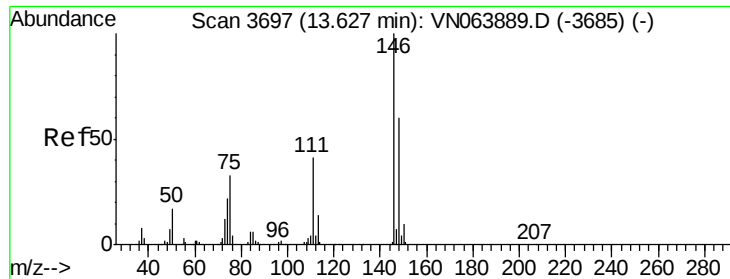
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#86
Hexachloroethane
Concen: 17.464 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.9	46.1	138.3





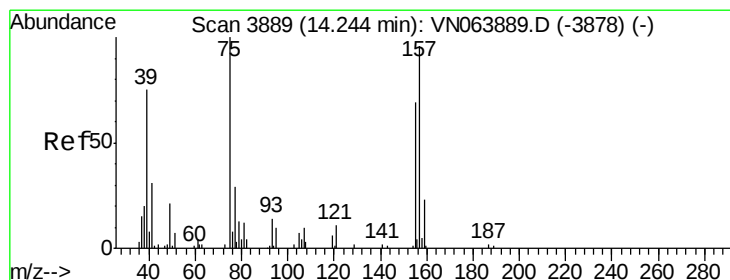
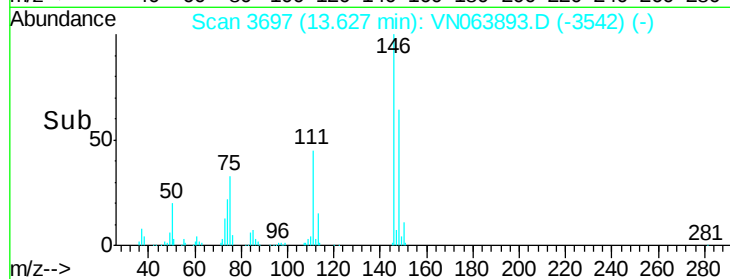
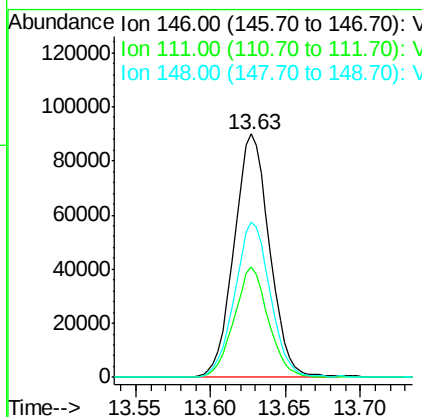
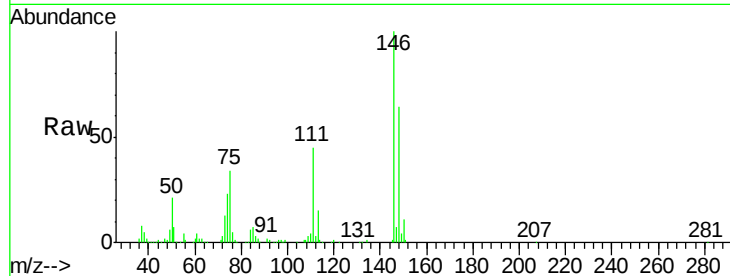
#87
 1,2-Dichlorobenzene
 Concen: 17.823 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN100620

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.7	19.1	57.3
148	63.7	31.8	95.4

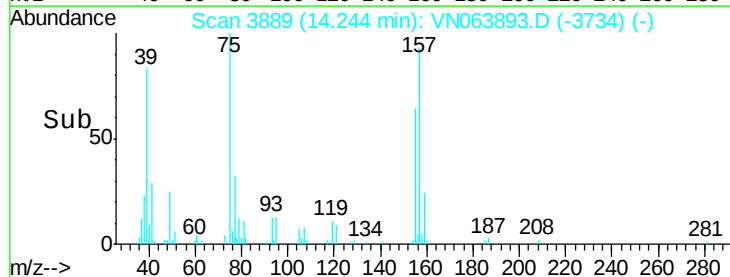
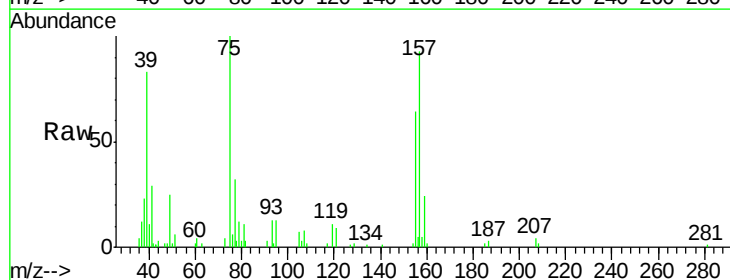
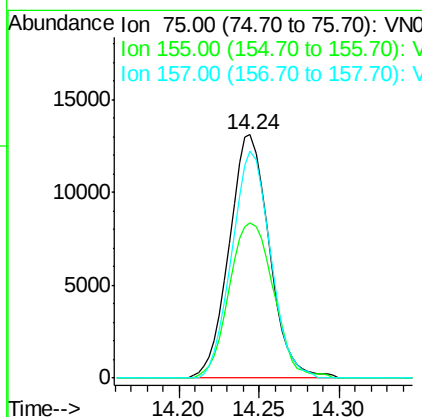
Manual Integrations
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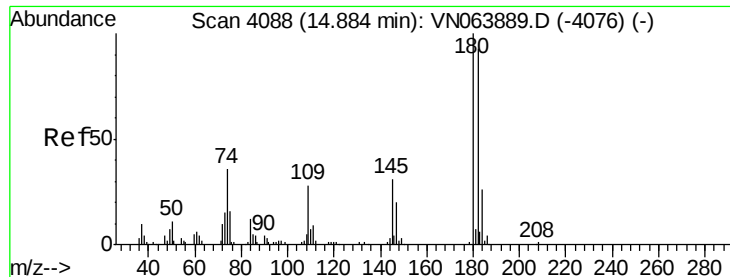
MMDadoda
 10/7/2020 12:11:39 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.743 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	70.6	64.8	97.2
157	89.6	81.2	121.8





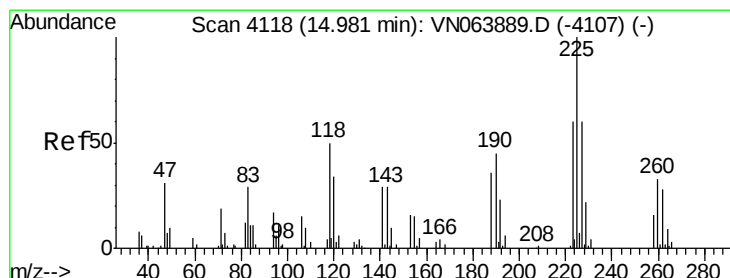
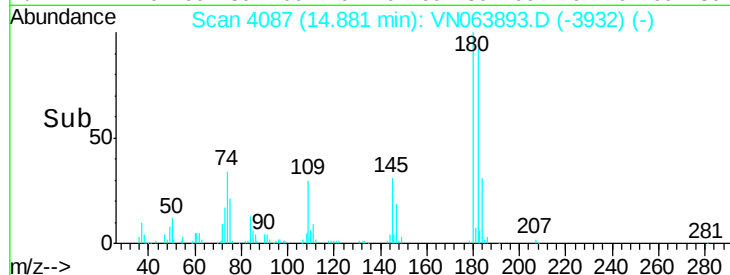
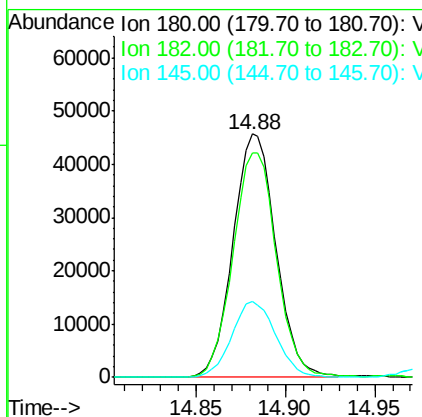
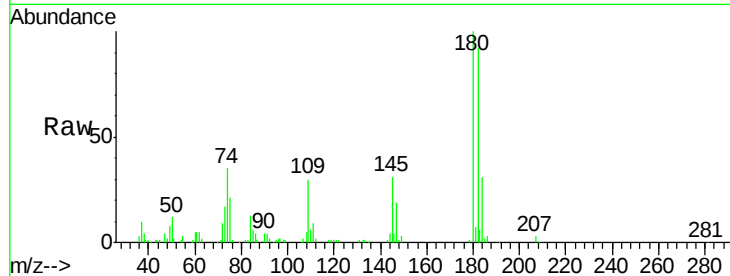
#89
 1,2,4-Trichlorobenzene
 Concen: 18.073 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN100620

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.9	115.3
145	32.1	21.9	32.9

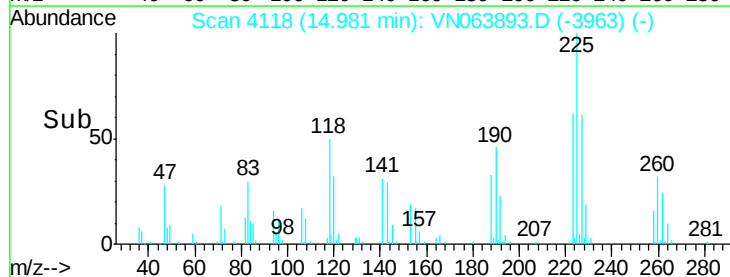
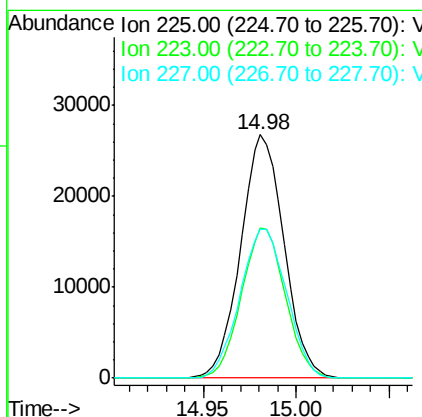
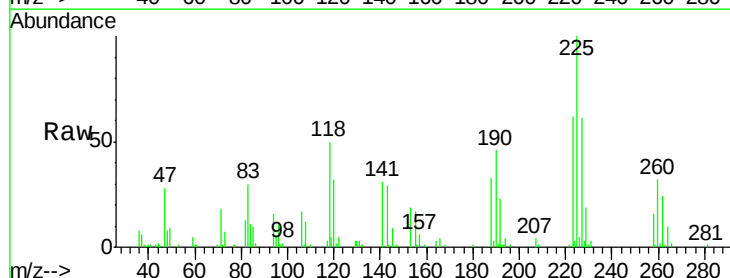
Manual Integrations
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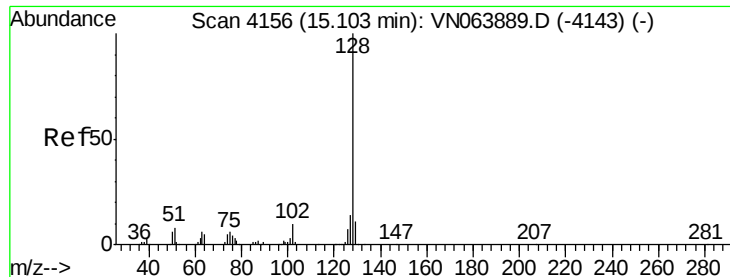
MMDadoda
 10/7/2020 12:11:39 PM



#90
 Hexachlorobutadiene
 Concen: 19.345 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN063893.D
 Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	0.0	122.8
227	65.7	0.0	125.6





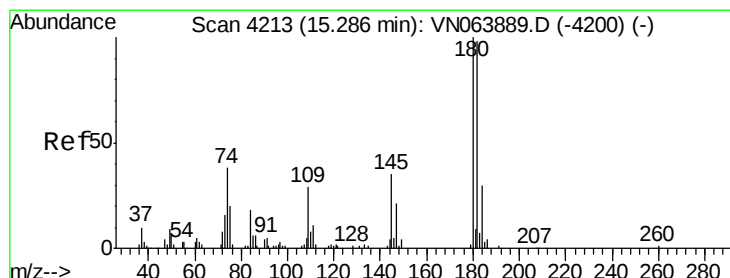
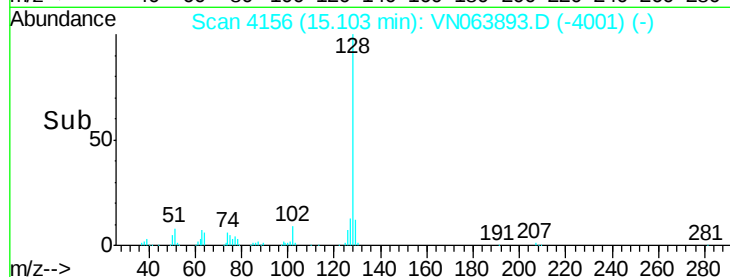
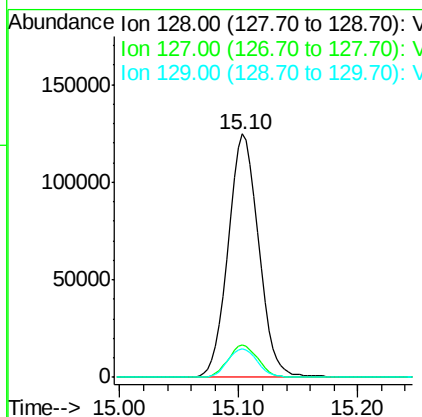
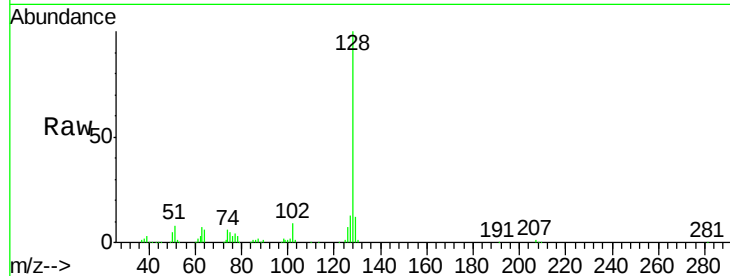
#91
Naphthalene
Concen: 17.163 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Instrument :
MSVOA_N
ClientSampleId :
ICVVN100620

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	11.1	16.7
129	11.5	8.4	12.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.192 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN063893.D
Acq: 6 Oct 2020 14:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	0.0	188.0
145	34.3	0.0	62.0

