

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093020\
 Data File : VN063744.D
 Acq On : 30 Sep 2020 12:50
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Manual Integrations
 APPROVED

MMDadoda
 10/1/2020 2:40:24 PM

Quant Time: Oct 01 02:23:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	292228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	467371	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	449044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	222848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	209331	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	
35) Dibromofluoromethane	7.55	113	143358	44.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.42%	
50) Toluene-d8	10.06	98	547307	44.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.04%	
62) 4-Bromofluorobenzene	12.38	95	211215	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	142089	46.080	ug/l	100
3) Chloromethane	2.04	50	157869	43.634	ug/l	99
4) Vinyl Chloride	2.16	62	162464	44.734	ug/l	98
5) Bromomethane	2.52	94	105642	46.245	ug/l	99
6) Chloroethane	2.67	64	101057	46.566	ug/l	97
7) Trichlorofluoromethane	2.98	101	269641	46.813	ug/l	99
8) Diethyl Ether	3.37	74	92771	47.624	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	145713	47.331	ug/l	98
10) Methyl Iodide	3.91	142	171609	48.008	ug/l	100
11) Tert butyl alcohol	4.73	59	139391	261.519	ug/l	100
12) 1,1-Dichloroethene	3.70	96	134112	45.575	ug/l	98
13) Acrolein	3.56	56	78635	240.379	ug/l	96
14) Allyl chloride	4.27	41	261144	47.768	ug/l	98
15) Acrylonitrile	4.93	53	367296	240.740	ug/l	100
16) Acetone	3.77	43	359454	241.868	ug/l	100
17) Carbon Disulfide	4.01	76	377914	47.550	ug/l	100
18) Methyl Acetate	4.28	43	180107	46.676	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	512738	47.960	ug/l	99
20) Methylene Chloride	4.50	84	162537	47.753	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	153694	46.629	ug/l	99
22) Diisopropyl ether	5.90	45	547440	48.671	ug/l	98
23) Vinyl Acetate	5.84	43	2325375	249.577	ug/l	100
24) 1,1-Dichloroethane	5.80	63	299443	46.561	ug/l	99
25) 2-Butanone	6.78	43	529484	251.297	ug/l	100
26) 2,2-Dichloropropane	6.77	77	281212	47.748	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	178922	47.199	ug/l	97
28) Bromochloromethane	7.15	49	148634	46.761	ug/l	99
29) Tetrahydrofuran	7.16	42	346770	245.388	ug/l	99
30) Chloroform	7.33	83	320183	47.748	ug/l	97
31) Cyclohexane	7.61	56	255355	45.560	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	293602	48.542	ug/l	99
36) 1,1-Dichloropropene	7.75	75	235281	49.691	ug/l	99
37) Ethyl Acetate	6.88	43	222525	47.303	ug/l	99
38) Carbon Tetrachloride	7.73	117	257344	48.469	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	245699	52.035	ug/l	98
40) Benzene	8.00	78	661828	48.937	ug/l	99
41) Methacrylonitrile	7.12	41	94935m	45.407	ug/l	
42) 1,2-Dichloroethane	8.08	62	281762	48.807	ug/l	100
43) Isopropyl Acetate	8.13	43	391112	50.405	ug/l	99
44) Trichloroethene	8.80	130	172605	48.710	ug/l	95
45) 1,2-Dichloropropane	9.08	63	178683	48.922	ug/l	99
46) Dibromomethane	9.17	93	122394	48.576	ug/l	99
47) Bromodichloromethane	9.37	83	265587	51.145	ug/l	99
48) Methyl methacrylate	9.16	41	197001	51.388	ug/l	97
49) 1,4-Dioxane	9.16	88	57234	1050.467	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	1170463	257.043	ug/l	100
52) Toluene	10.13	92	420667	50.288	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	285898	51.361	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	296235	50.887	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	167827	50.027	ug/l	98
56) Ethyl methacrylate	10.40	69	252881	53.180	ug/l	99
57) 1,3-Dichloropropane	10.68	76	287641	50.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	669573	263.239	ug/l	100
59) 2-Hexanone	10.72	43	883056	261.053	ug/l	99
60) Dibromochloromethane	10.87	129	194901	49.887	ug/l	99
61) 1,2-Dibromoethane	10.98	107	174700	50.909	ug/l	99
64) Tetrachloroethene	10.60	164	155913	44.878	ug/l	99
65) Chlorobenzene	11.41	112	446188	48.439	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	173592	49.157	ug/l	99
67) Ethyl Benzene	11.49	91	843973	50.353	ug/l	99
68) m/p-Xylenes	11.59	106	626835	100.344	ug/l	98
69) o-Xylene	11.92	106	299098	51.226	ug/l	100
70) Styrene	11.94	104	513900	51.851	ug/l	99
71) Bromoform	12.10	173	132667	49.121	ug/l #	98
73) Isopropylbenzene	12.23	105	817927	50.320	ug/l	100
74) N-amyl acetate	12.05	43	366157	48.535	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	240777	48.442	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	226442m	46.096	ug/l	
77) Bromobenzene	12.50	156	195721	49.072	ug/l	98
78) n-propylbenzene	12.57	91	954093	50.436	ug/l	100
79) 2-Chlorotoluene	12.65	91	567726	48.798	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	699886	51.324	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	87979	51.582	ug/l	98
82) 4-Chlorotoluene	12.75	91	604926	50.087	ug/l	99
83) tert-Butylbenzene	12.97	119	561527	50.341	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	715722	52.569	ug/l	99
85) sec-Butylbenzene	13.15	105	754584	51.505	ug/l	100
86) p-Isopropyltoluene	13.26	119	678308	52.335	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	355907	49.325	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	362255	48.218	ug/l	100
89) n-Butylbenzene	13.59	91	615076	51.418	ug/l	100
90) Hexachloroethane	13.85	117	126913	50.533	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	348452	48.756	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55259	47.406	ug/l	95

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	192099	49.451	ug/l	98
94) Hexachlorobutadiene	14.98	225	100690	51.959	ug/l	99
95) Naphthalene	15.10	128	572894	47.735	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	182918	48.576	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

Tot Ion:168 Resp: 292228

Ion Ratio Lower Upper

168 100

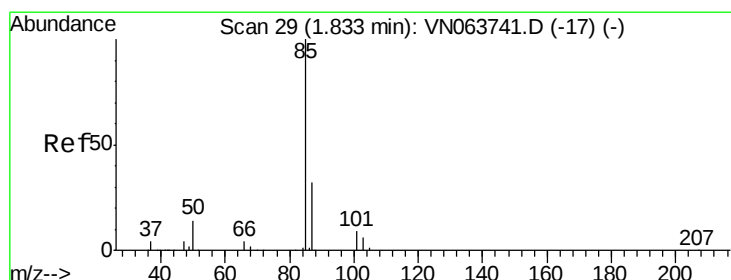
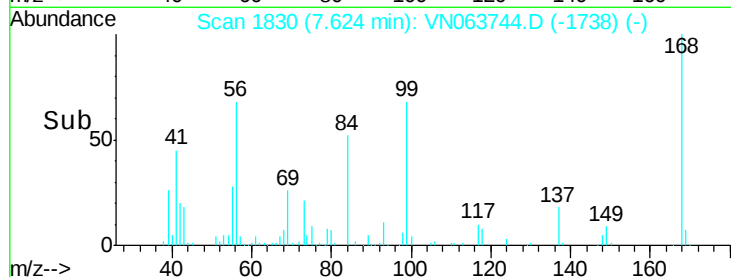
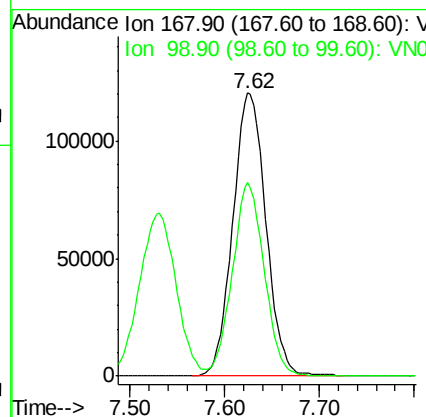
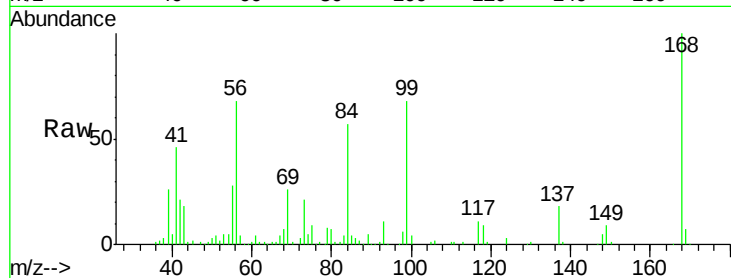
99 68.1 51.8 77.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 46.080 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063744.D

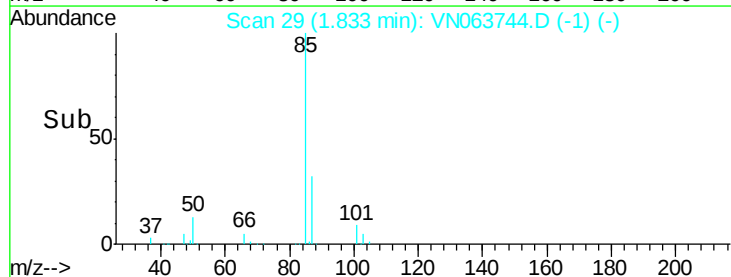
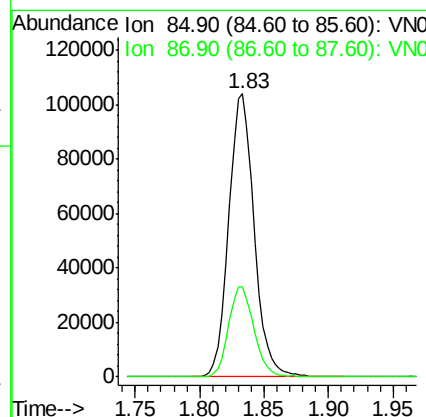
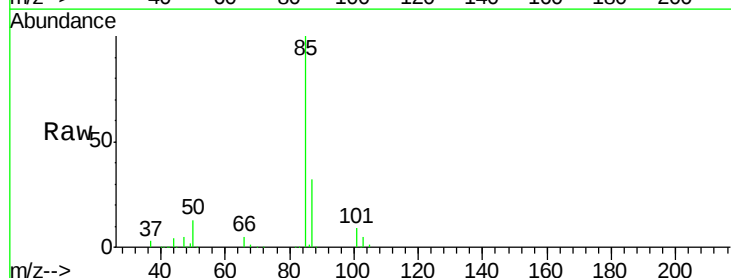
Acq: 30 Sep 2020 12:50

Tgt Ion: 85 Resp: 142089

Ion Ratio Lower Upper

85 100

87 31.7 16.0 48.0





#3

Chloromethane

Concen: 43.634 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

Tot Ion: 50 Resp: 157869

Ion Ratio Lower Upper

50 100

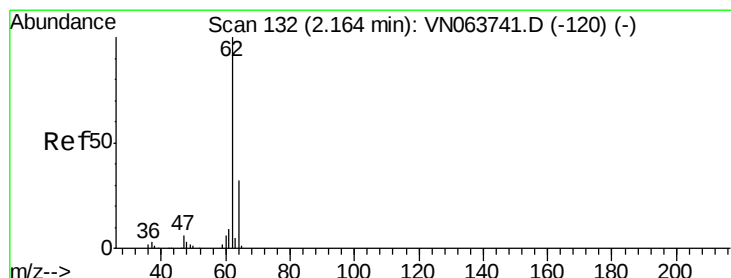
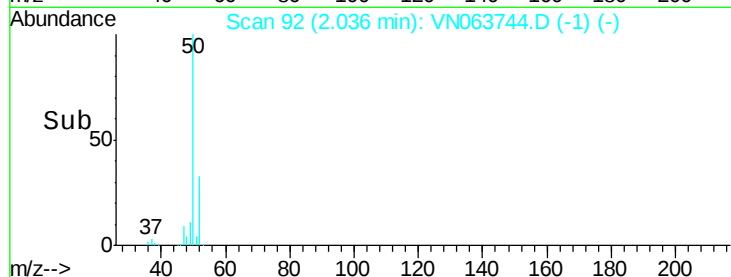
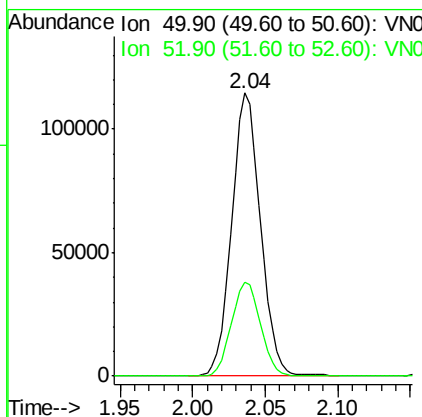
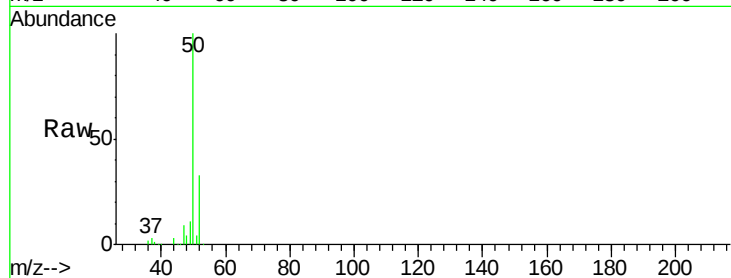
52 33.0 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.734 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN063744.D

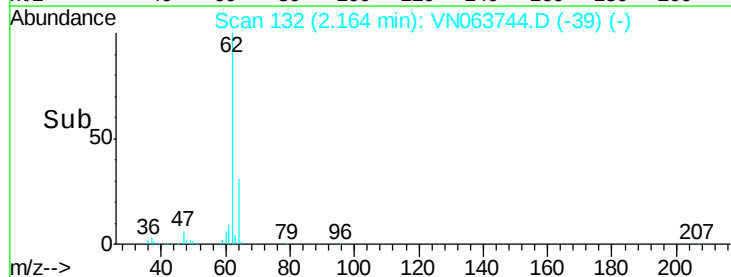
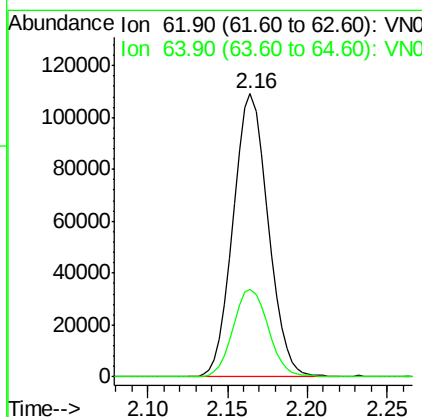
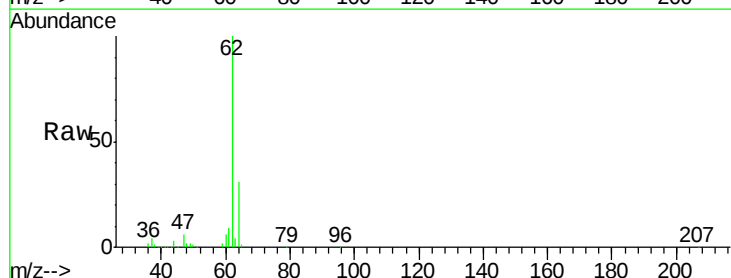
Acq: 30 Sep 2020 12:50

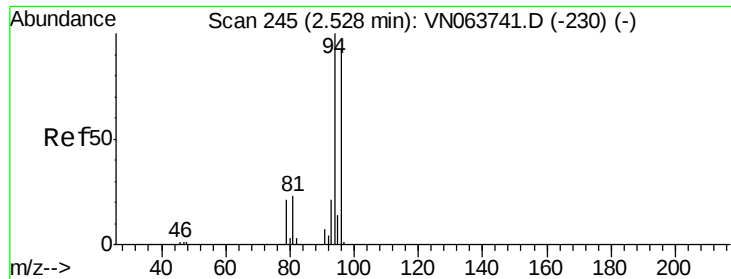
Tgt Ion: 62 Resp: 162464

Ion Ratio Lower Upper

62 100

64 30.9 25.6 38.4





#5

Bromomethane

Concen: 46.245 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

Tot Ion: 94 Resp: 105642

Ion Ratio Lower Upper

94 100

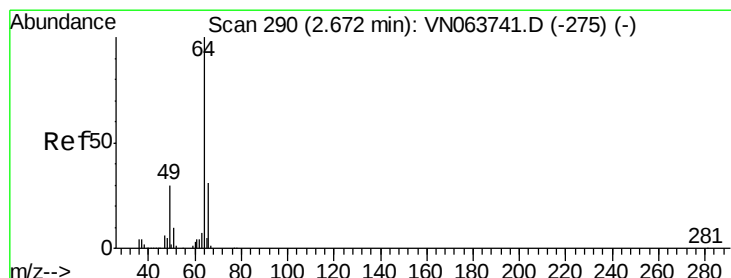
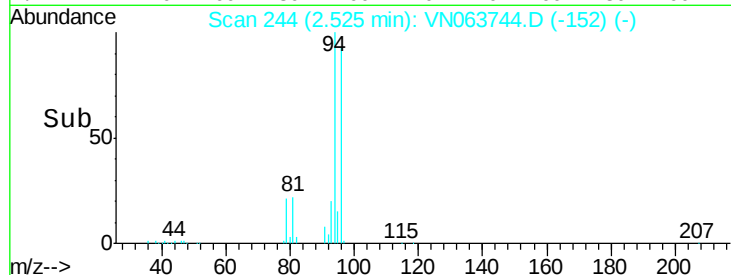
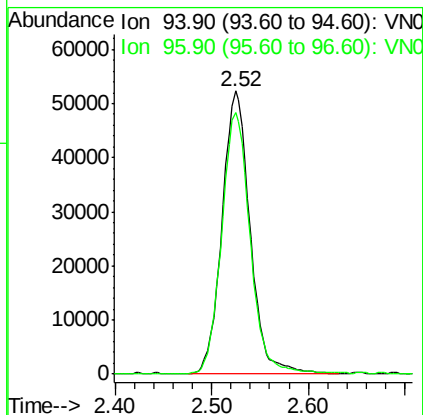
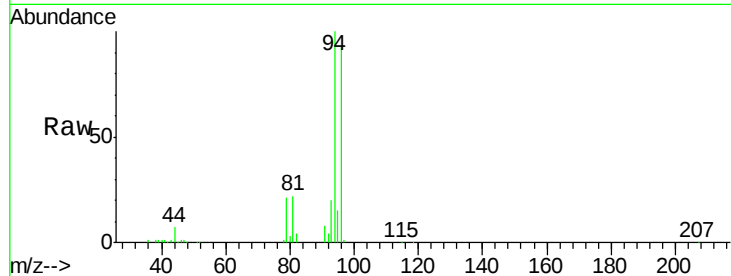
96 92.3 73.3 109.9

Manual Integrations

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#6

Chloroethane

Concen: 46.566 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN063744.D

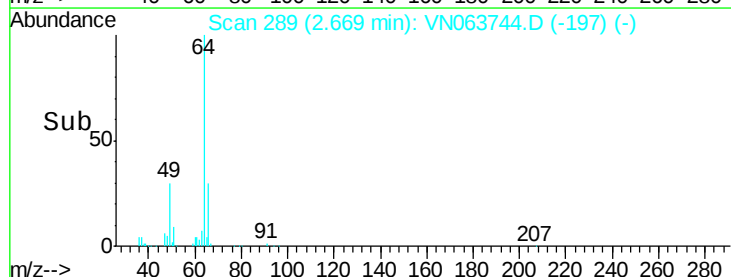
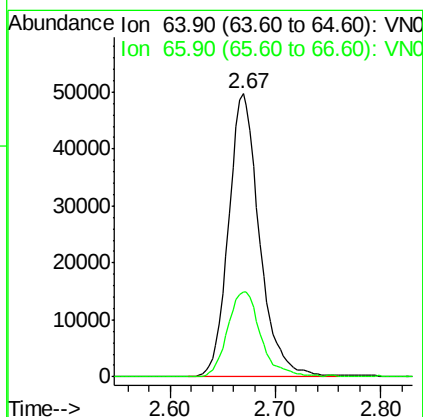
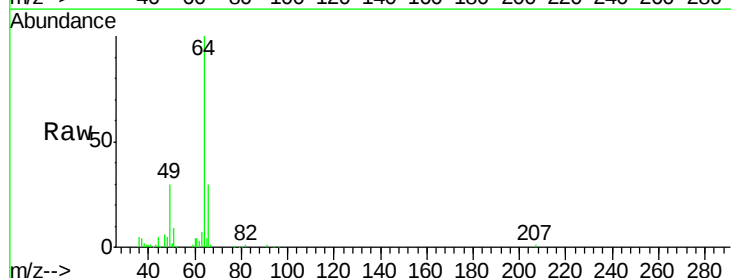
Acq: 30 Sep 2020 12:50

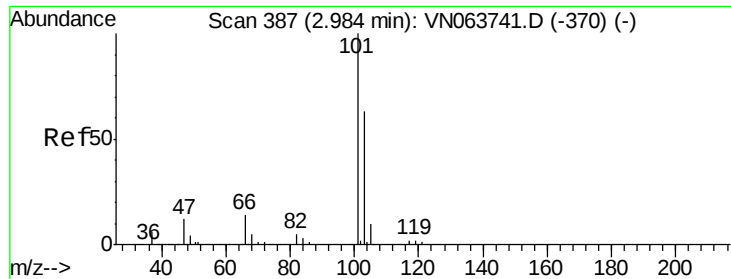
Tgt Ion: 64 Resp: 101057

Ion Ratio Lower Upper

64 100

66 29.9 25.1 37.7





#7

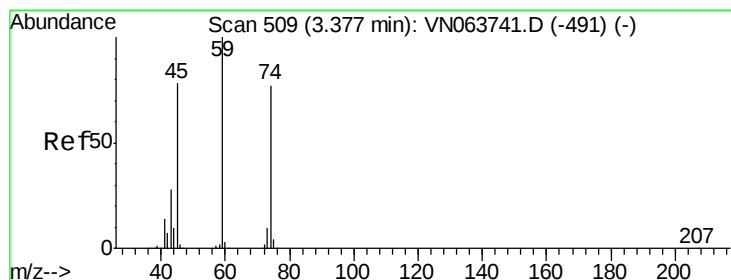
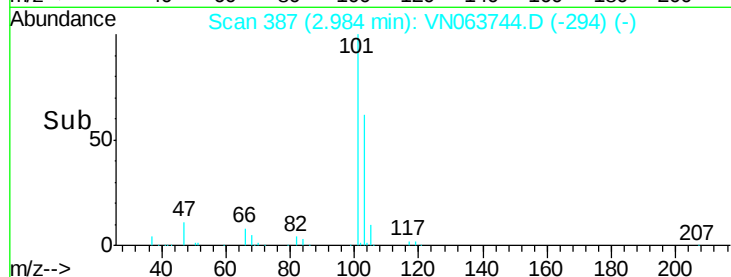
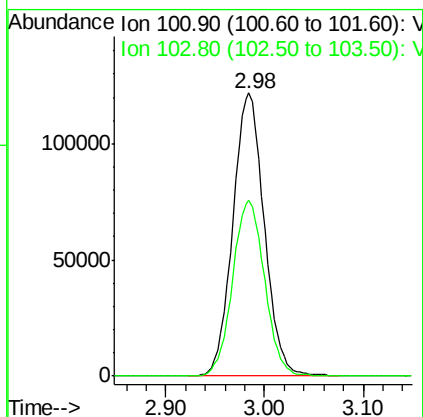
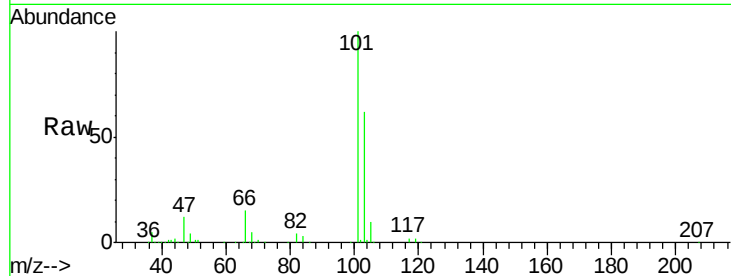
Trichlorofluoromethane
Concen: 46.813 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063744.D
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ClientSampled :
ICVVN093020

Tot Ion	Ratio	Resp	Lower	Upper
101	100	269641		
103	62.2	50.7	76.1	

Manual Integrations
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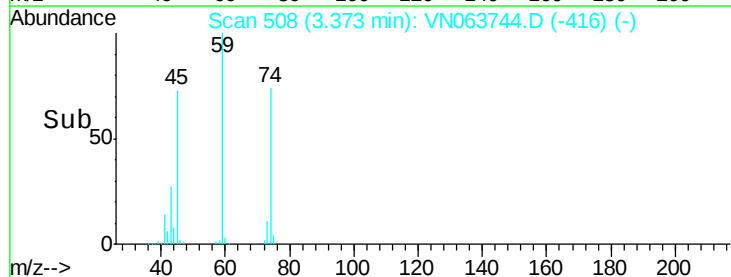
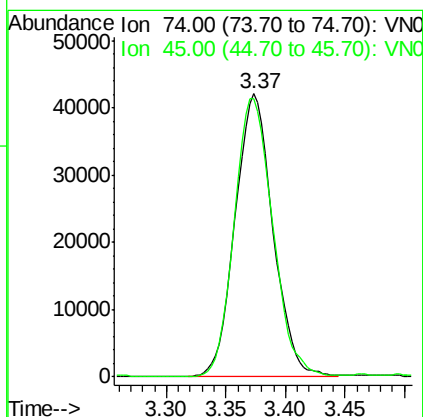
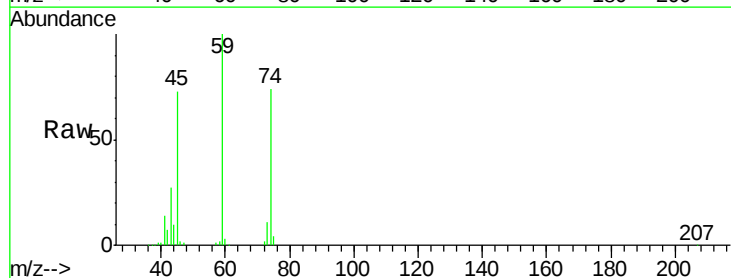
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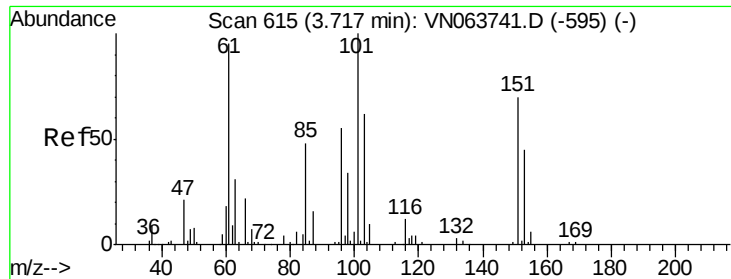


#8

Diethyl Ether
Concen: 47.624 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	92771		
45	100.2	50.9	152.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.331 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

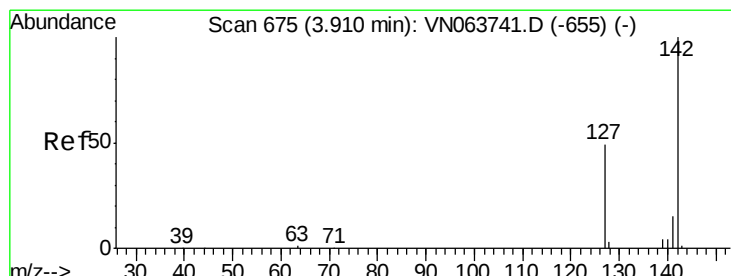
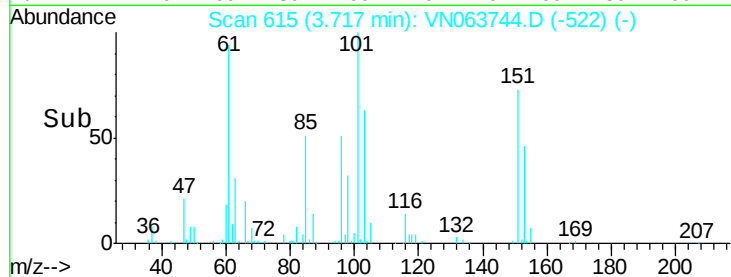
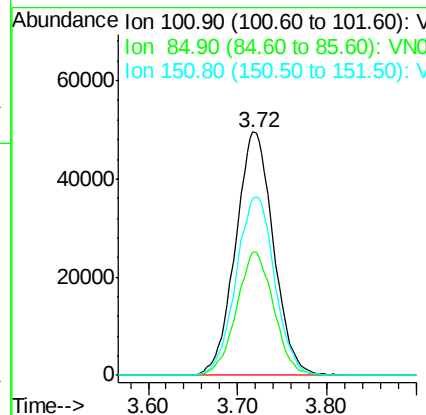
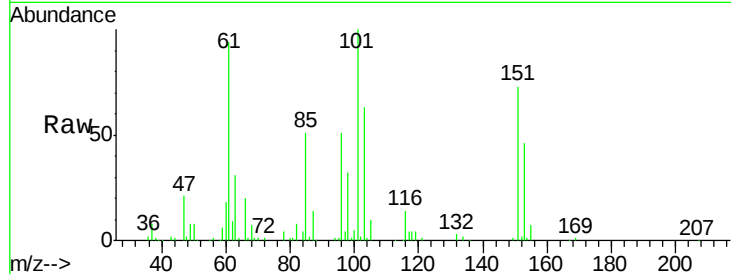
ClientSampleId :

ICVVN093020

Tot Ion:	101	Resp:	145713
Ion Ratio	Lower	Upper	
101	100		
85	49.6	38.6	58.0
151	74.9	58.7	88.1

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#10

Methyl Iodide

Concen: 48.008 ug/l

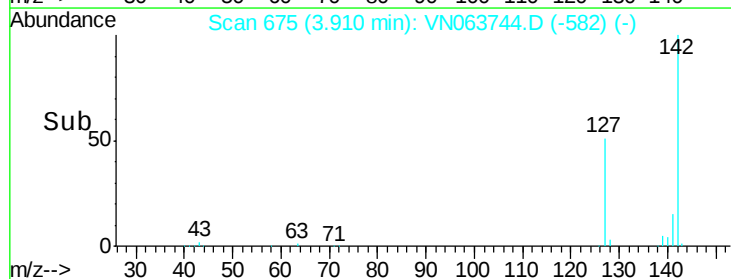
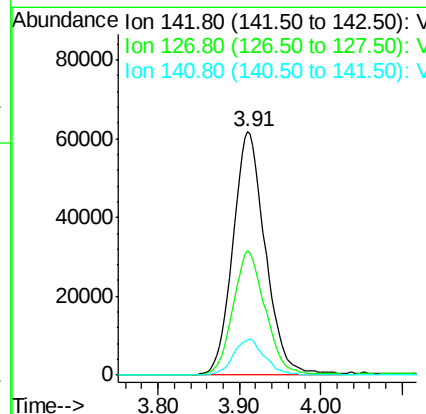
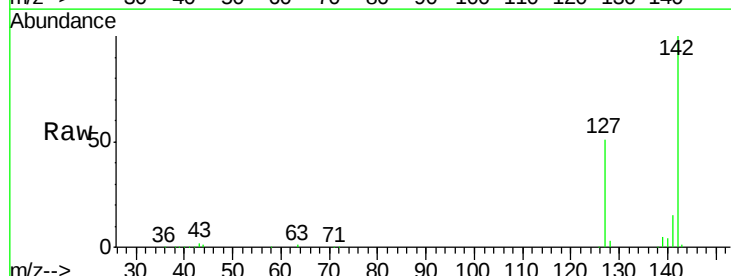
RT: 3.91 min Scan# 675

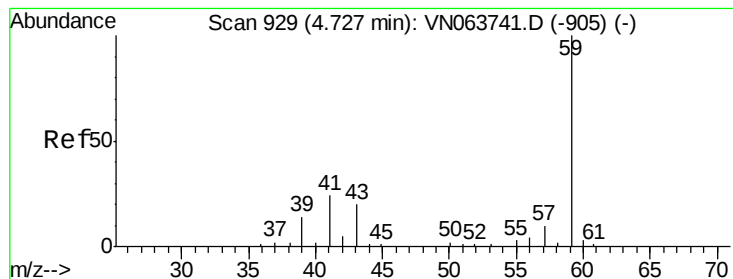
Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion:	142	Resp:	171609
Ion Ratio	Lower	Upper	
142	100		
127	50.8	40.5	60.7
141	14.3	11.7	17.5





#11

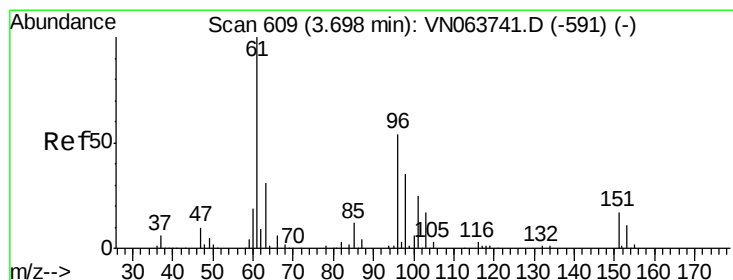
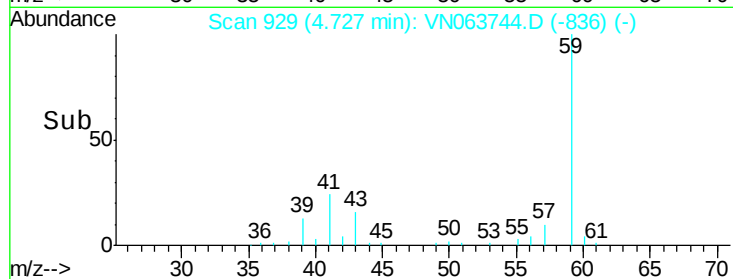
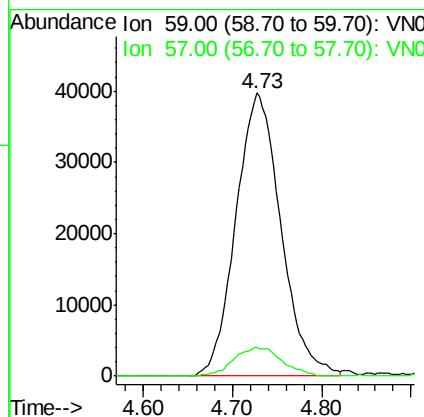
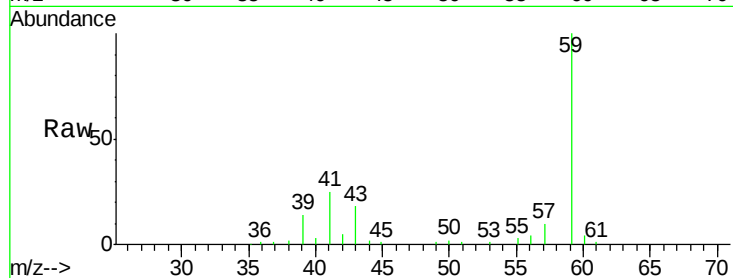
Tert butyl alcohol
Concen: 261.519 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	59	Resp	139391
Ion Ratio	100	Lower	Upper
57	10.8	8.7	13.1

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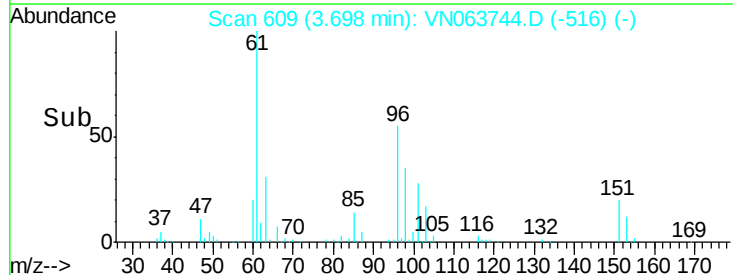
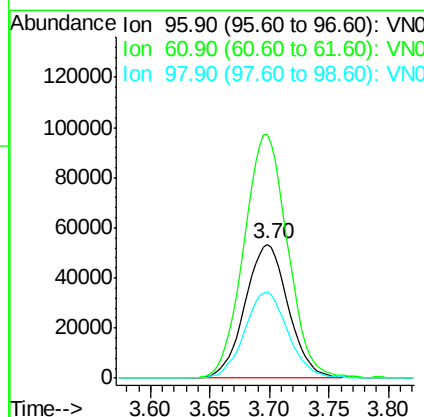
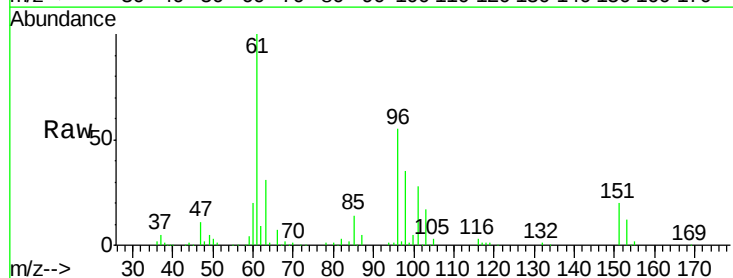
MMDadoda
10/1/2020 2:40:24 PM

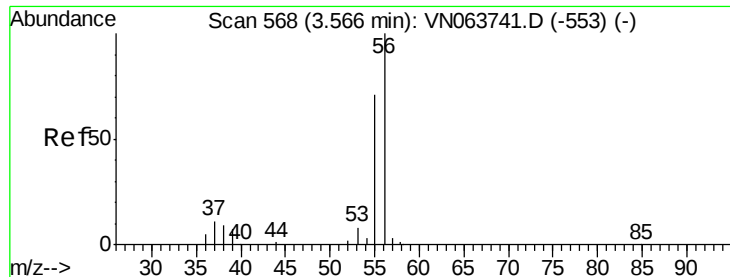


#12

1,1-Dichloroethene
Concen: 45.575 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	96	Resp	134112
Ion Ratio	100	Lower	Upper
61	181.7	147.7	221.5
98	64.5	51.9	77.9





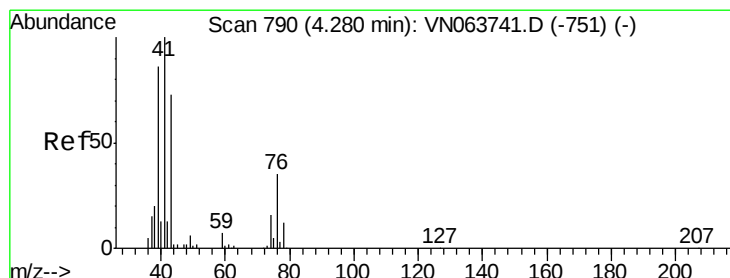
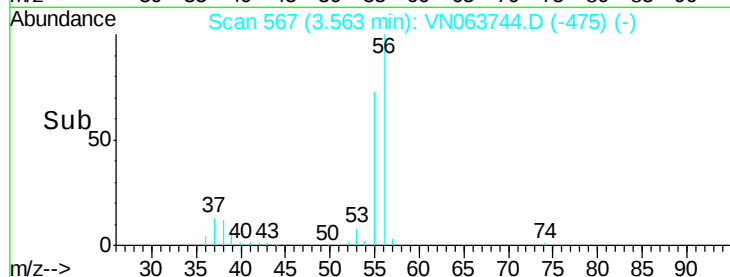
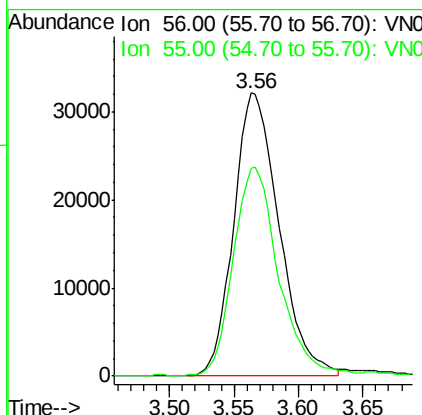
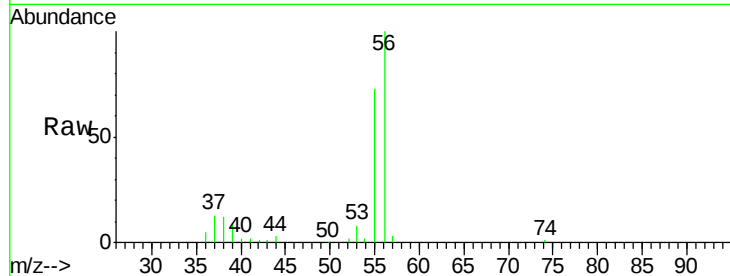
#13
Acrolein
Concen: 240.379 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	56	Resp	78635
Ion Ratio	100	Lower	Upper
56	100		
55	74.1	56.9	85.3

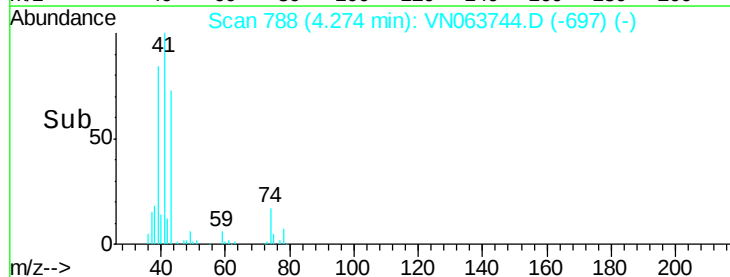
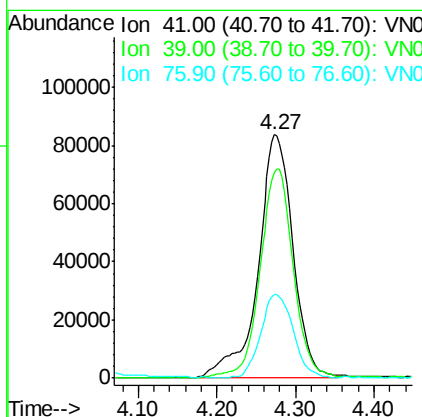
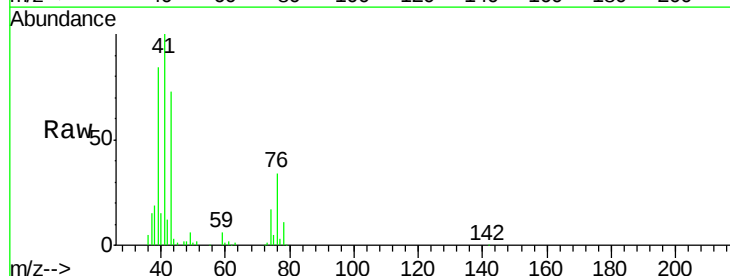
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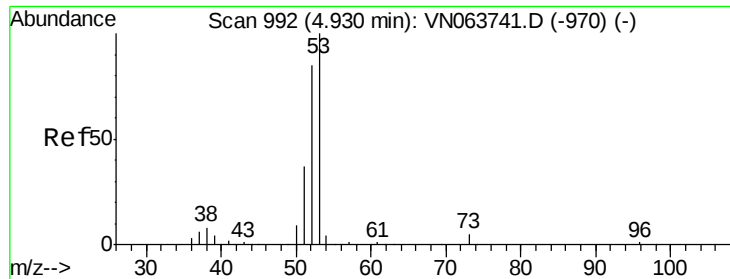
MMDadoda
10/1/2020 2:40:24 PM



#14
Allyl chloride
Concen: 47.768 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	41	Resp	261144
Ion Ratio	100	Lower	Upper
41	100		
39	82.0	64.5	96.7
76	31.5	25.9	38.9





#15

Acrylonitrile

Concen: 240.740 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

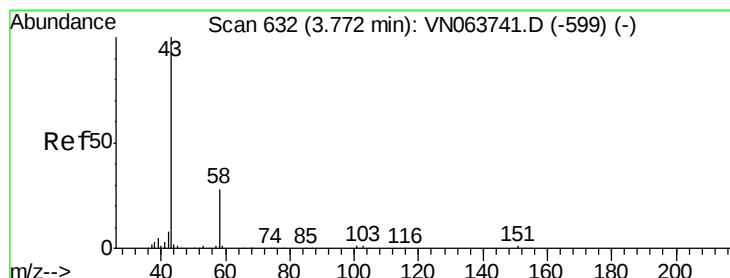
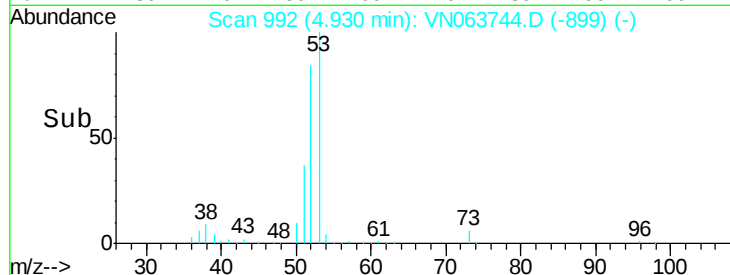
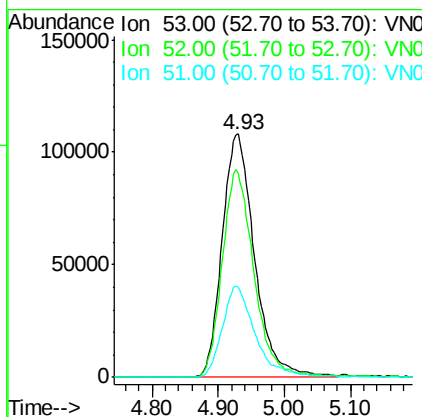
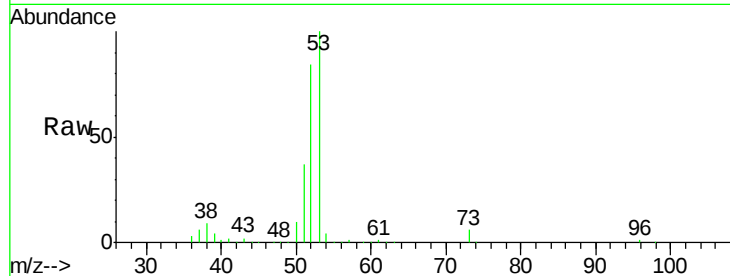
ClientSampleId :

ICVVN093020

Tot Ion:	53	Resp:	367296
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	37.7	29.9	44.9

Manual Integrations
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#16

Acetone

Concen: 241.868 ug/l

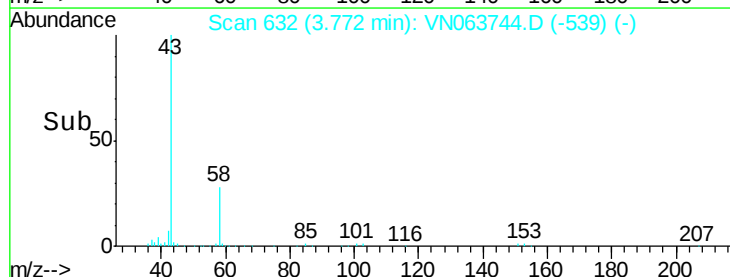
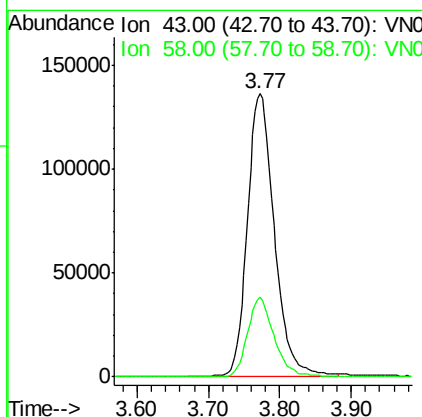
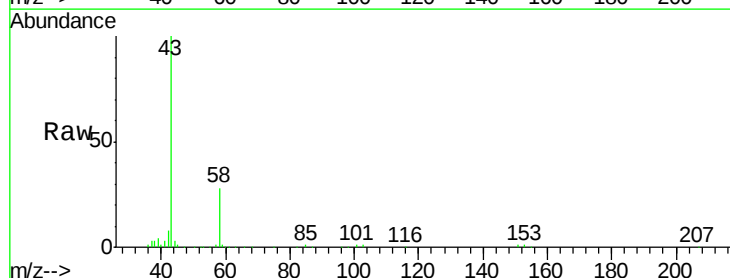
RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion:	43	Resp:	359454
Ion	Ratio	Lower	Upper
43	100		
58	28.0	22.3	33.5





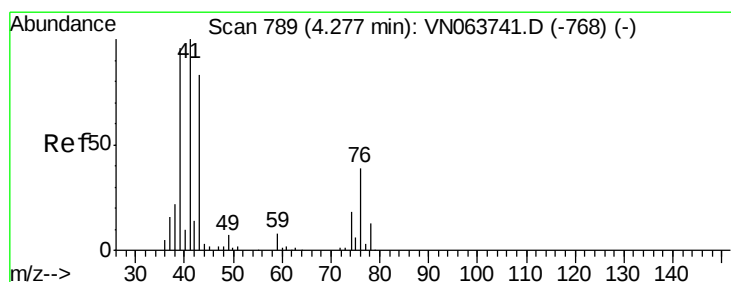
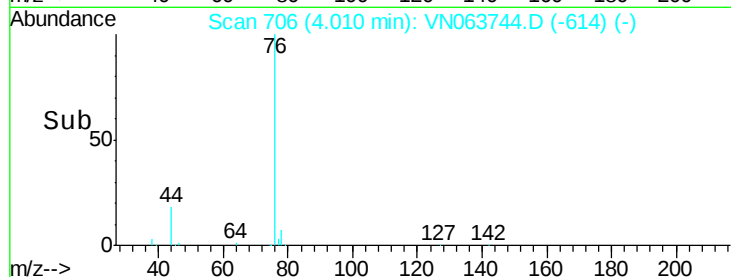
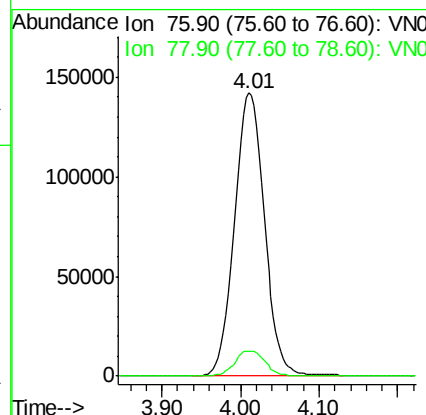
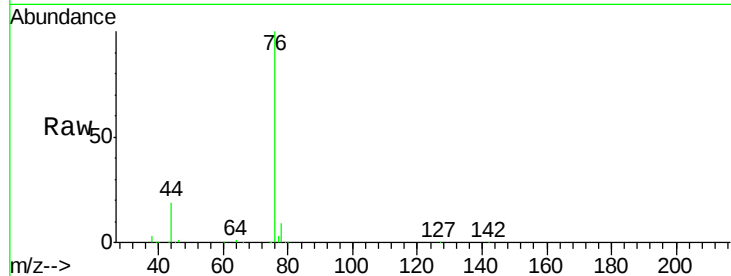
#17
Carbon Disulfide
Concen: 47.550 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.0	10.4

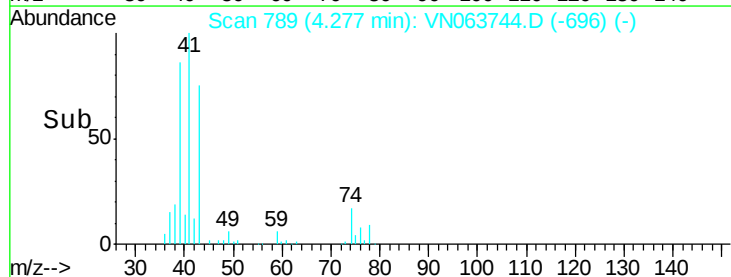
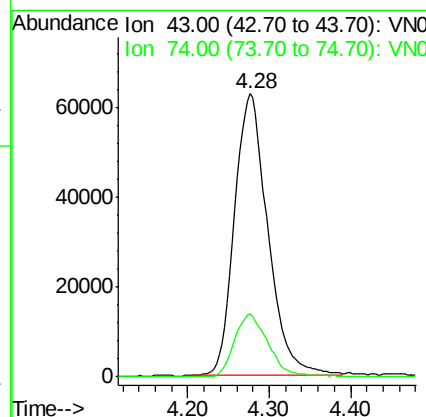
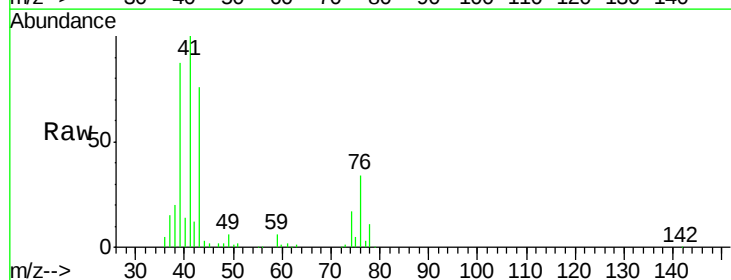
Manual Integrations
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10/1/2020 2:40:24 PM



#18
Methyl Acetate
Concen: 46.676 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	17.4	26.2





#19

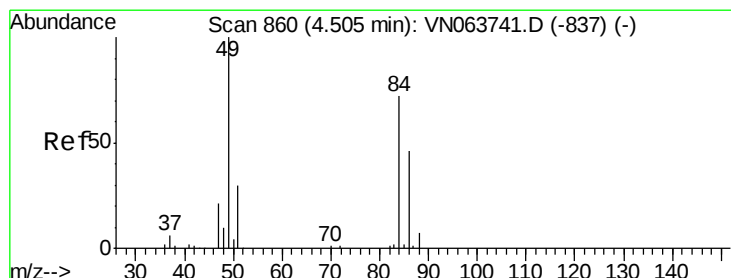
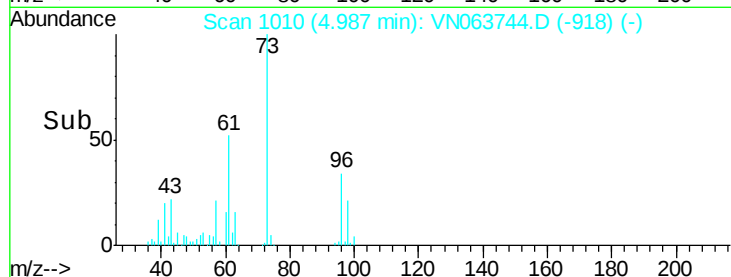
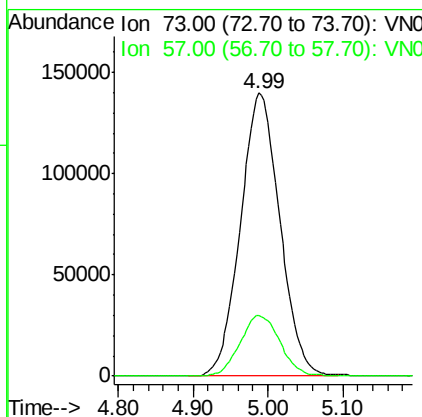
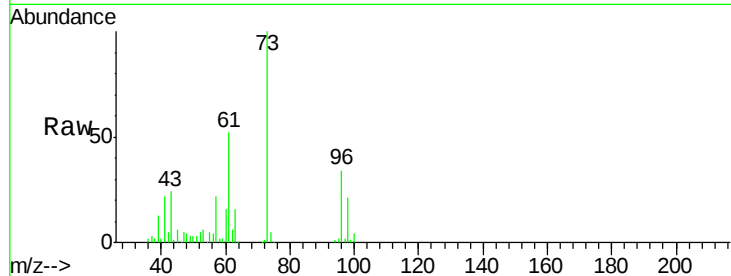
Methyl tert-butyl Ether
 Concen: 47.960 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.6	26.4

Manual Integrations
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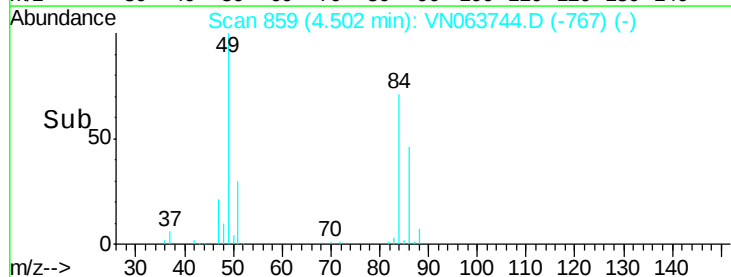
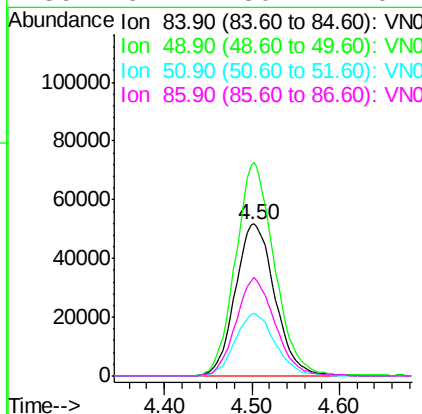
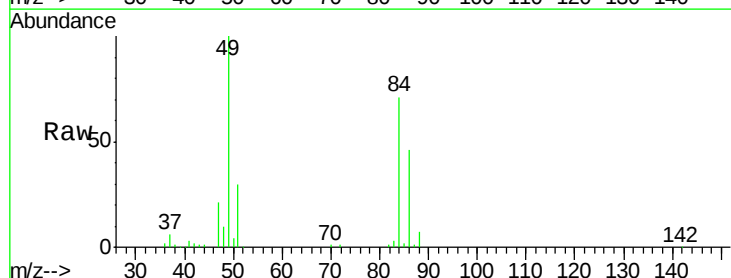
MMDadoda
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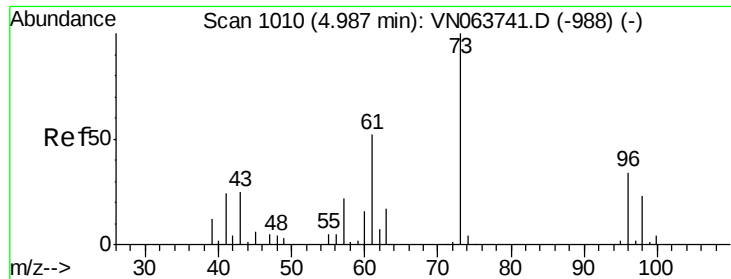


#20

Methylene Chloride
 Concen: 47.753 ug/l
 RT: 4.50 min Scan# 859
 Delta R.T. -0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.3	110.4	165.6
51	41.5	33.3	49.9
86	64.4	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 46.629 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

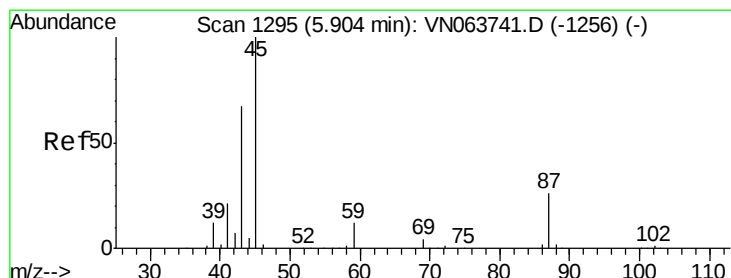
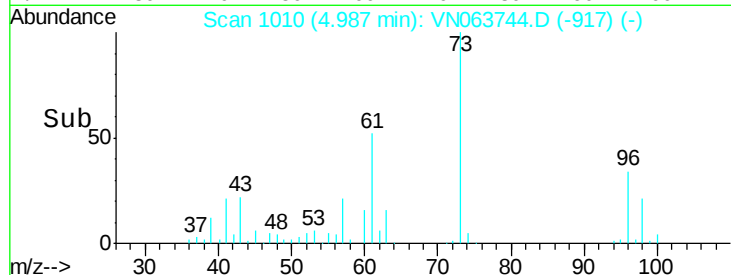
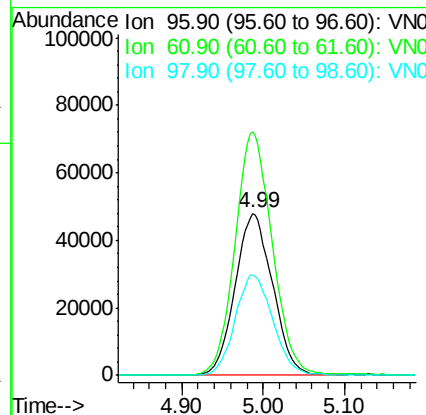
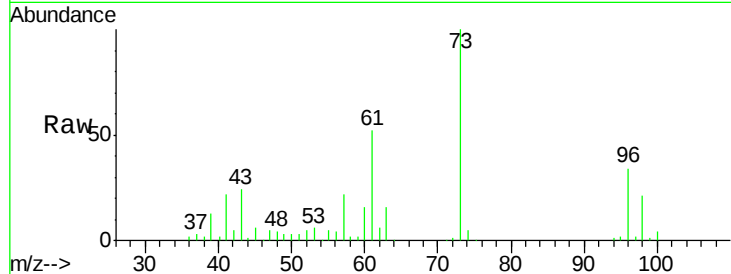
ClientSampleId :

ICVVN093020

Tot Ion:	96	Resp:	153694
Ion	Ratio	Lower	Upper
96	100		
61	150.2	120.2	180.2
98	61.9	52.6	79.0

Manual Integrations
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10/1/2020 2:40:24 PM



#22

Diisopropyl ether

Concen: 48.671 ug/l

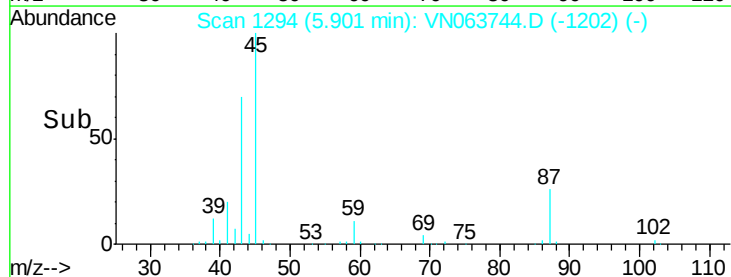
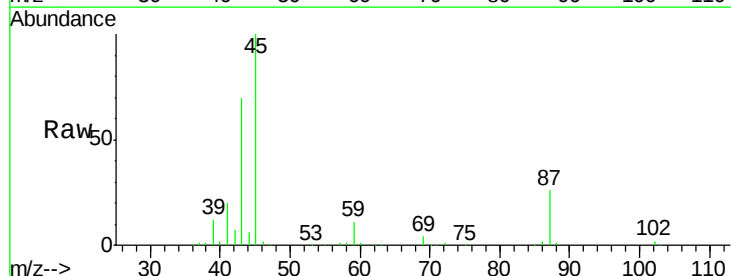
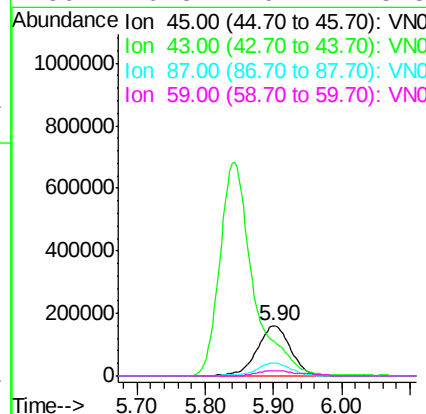
RT: 5.90 min Scan# 1294

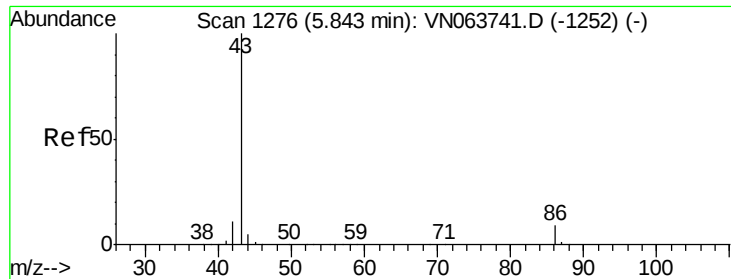
Delta R.T. -0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion:	45	Resp:	547440
Ion	Ratio	Lower	Upper
45	100		
43	68.5	53.7	80.5
87	25.9	21.1	31.7
59	10.8	9.2	13.8





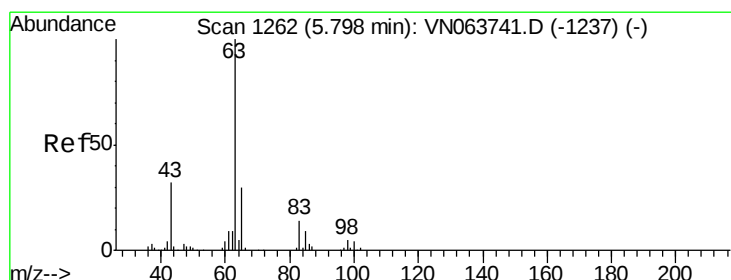
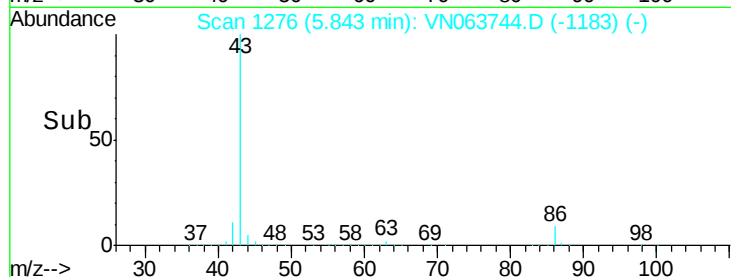
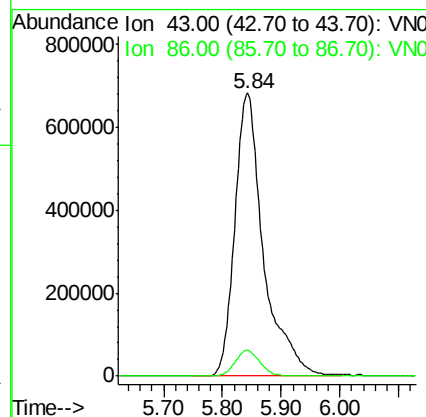
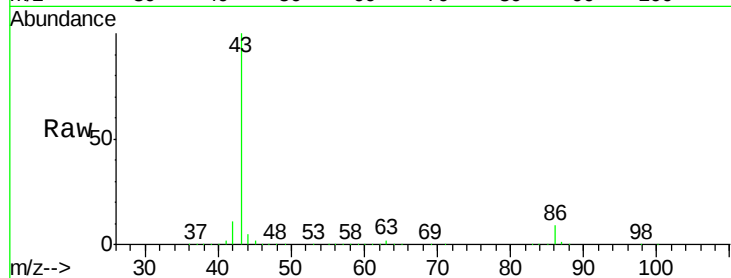
#23
 Vinyl Acetate
 Concen: 249.577 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Tot Ion: 43 Resp: 2325375
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9

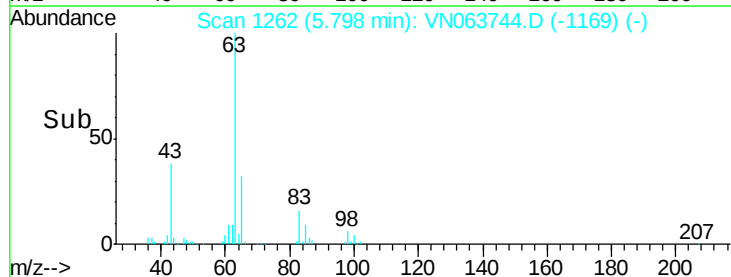
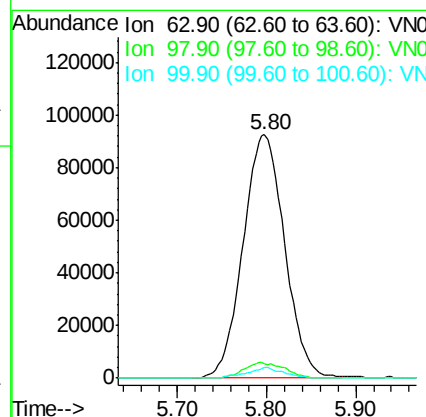
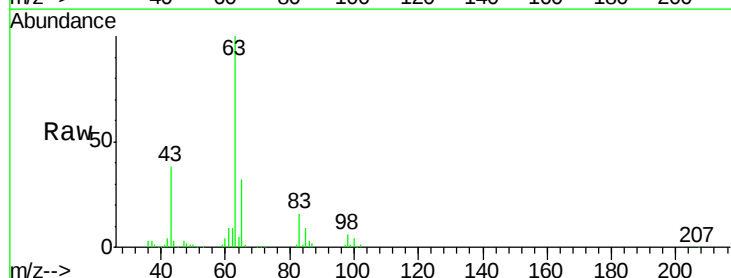
Manual Integrations
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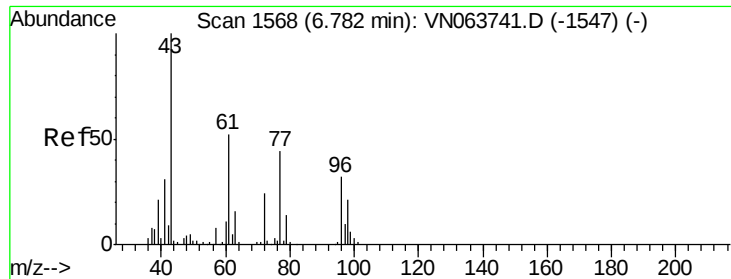
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#24
 1,1-Dichloroethane
 Concen: 46.561 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion: 63 Resp: 299443
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.7 8.1
 100 4.1 1.9 5.7





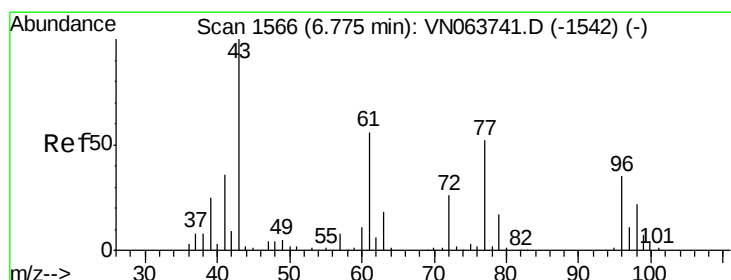
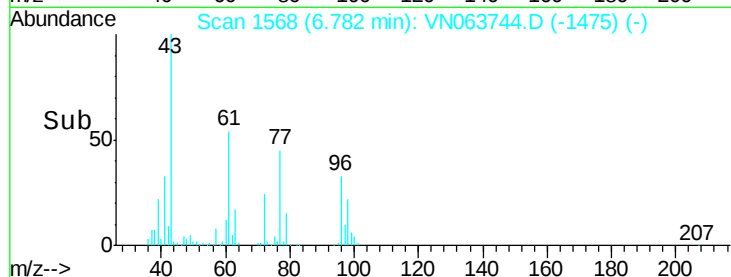
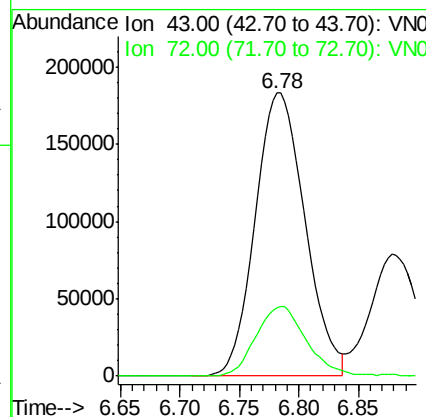
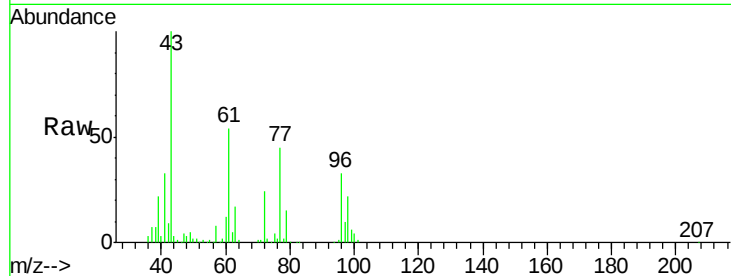
#25
2-Butanone
Concen: 251.297 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	Ratio	Lower	Upper
43	100		
72	24.3	19.3	28.9

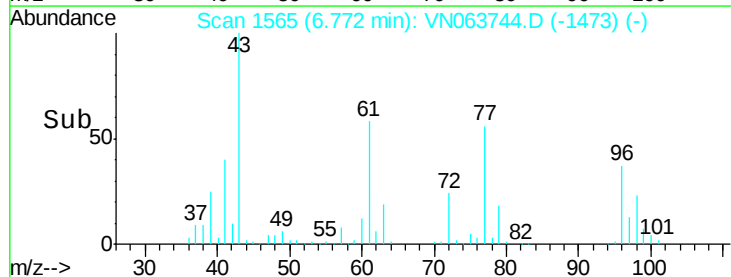
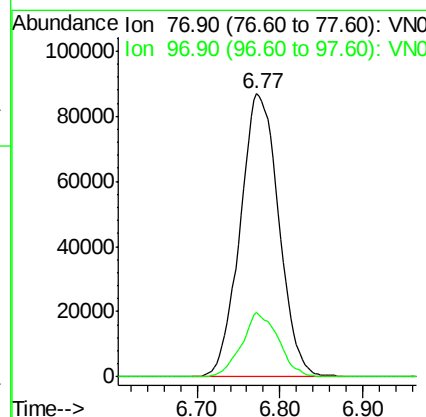
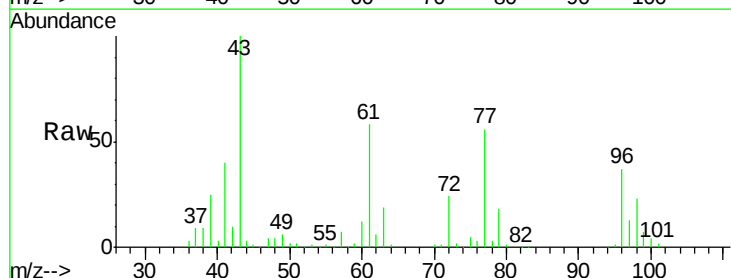
Manual Integrations
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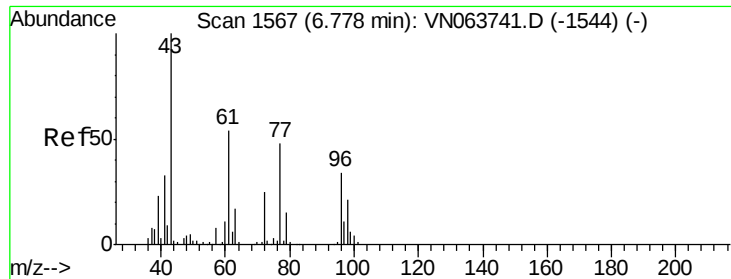
MMDadoda
10/1/2020 2:40:24 PM



#26
2,2-Dichloropropane
Concen: 47.748 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
77	100		
97	21.6	10.8	32.3





#27

cis-1,2-Dichloroethene

Concen: 47.199 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

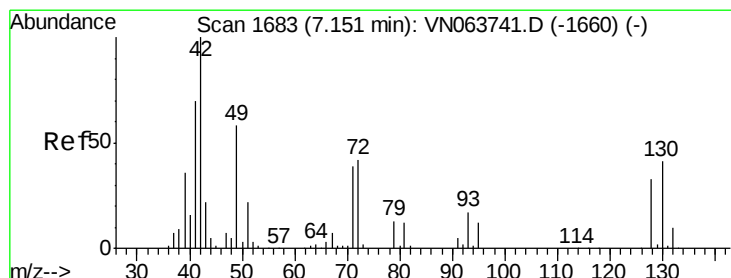
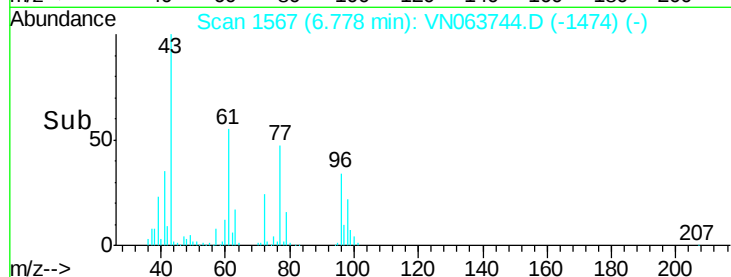
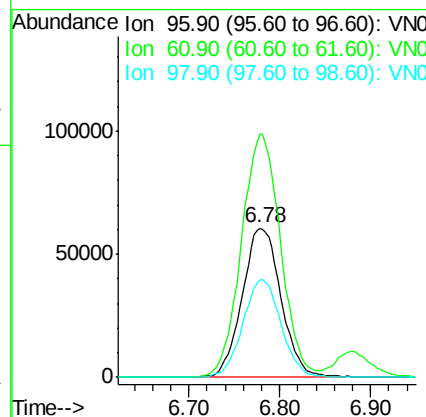
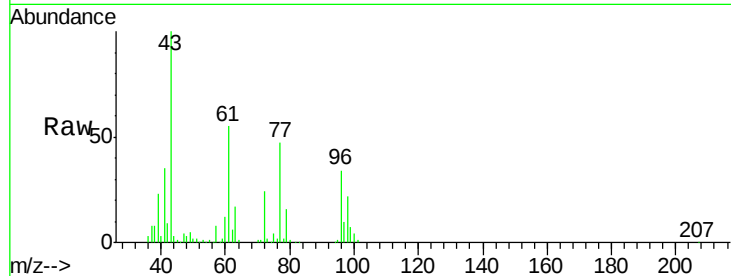
ClientSampleId :

ICVVN093020

Tot Ion:	96	Resp:	178922
Ion	Ratio	Lower	Upper
96	100		
61	164.5	0.0	321.2
98	64.5	0.0	124.4

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#28

Bromochloromethane

Concen: 46.761 ug/l

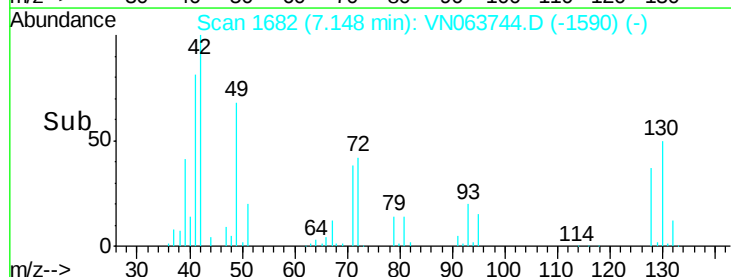
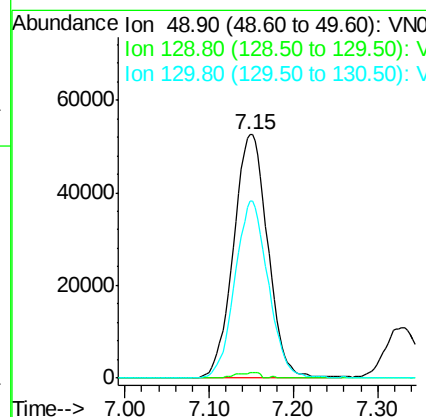
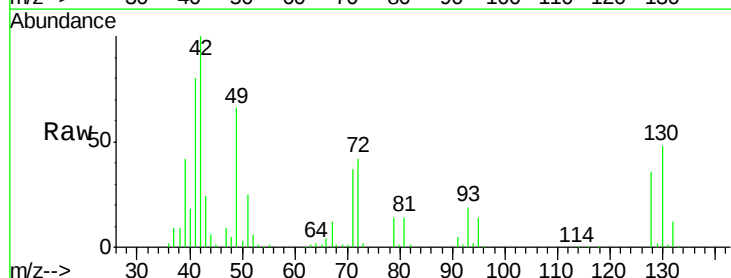
RT: 7.15 min Scan# 1682

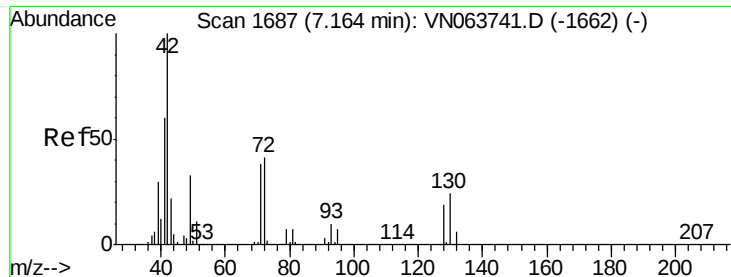
Delta R.T. -0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion:	49	Resp:	148634
Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.8
130	70.5	55.6	83.4





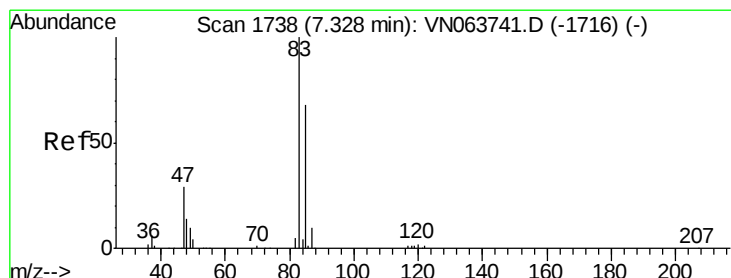
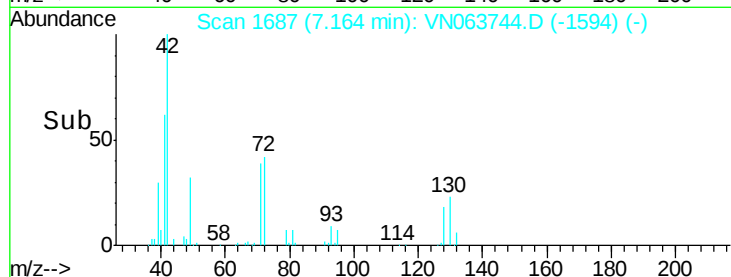
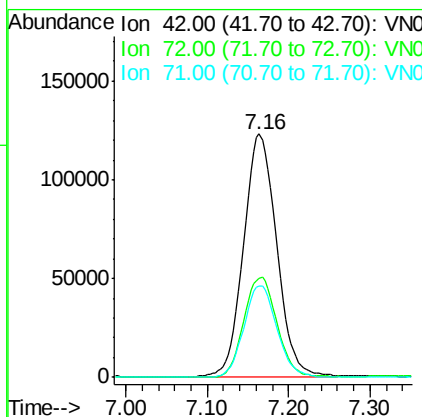
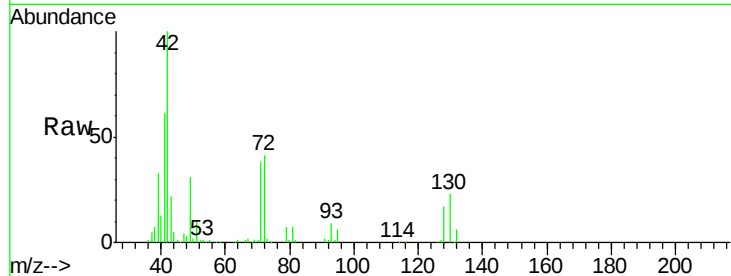
#29
Tetrahydrofuran
Concen: 245.388 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	32.8	49.2
71	37.3	30.6	45.8

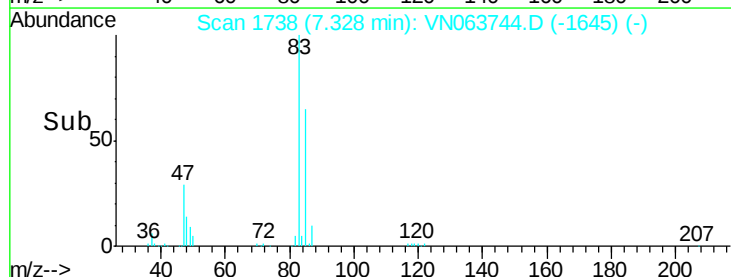
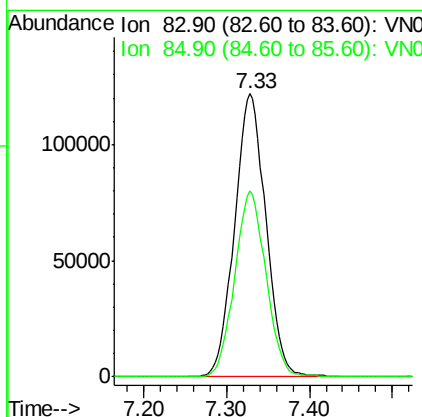
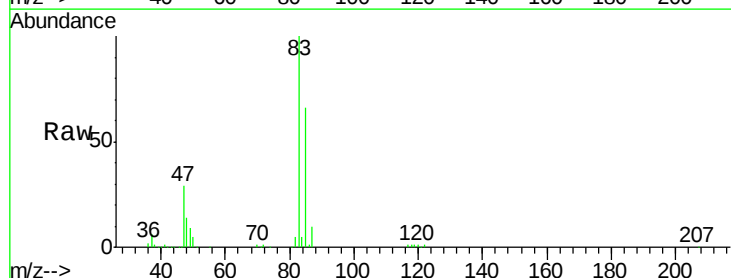
Manual Integrations
APPROVED

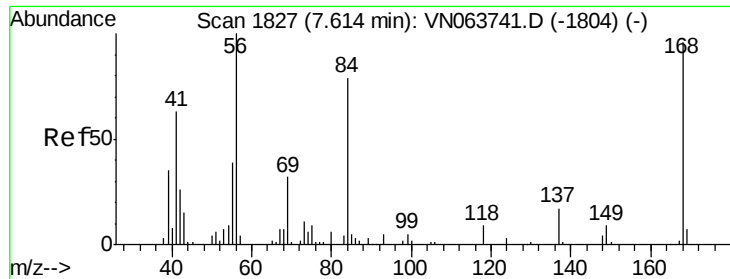
MMDadoda
10/1/2020 2:40:24 PM



#30
Chloroform
Concen: 47.748 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	54.6	82.0





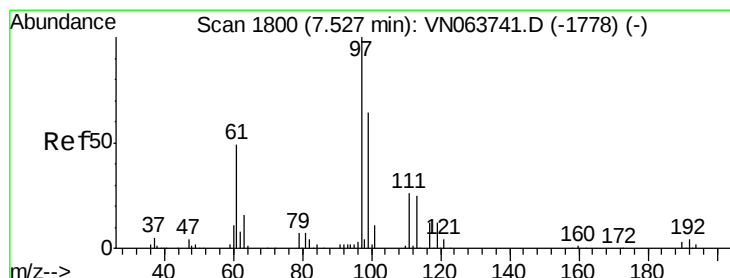
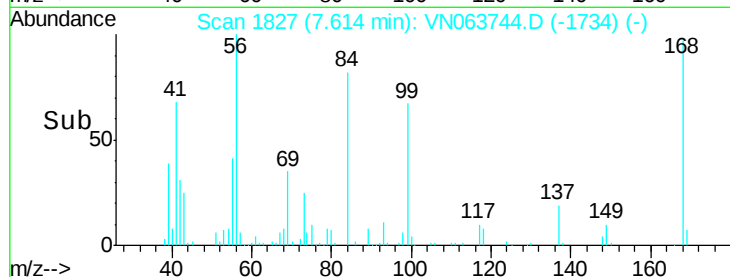
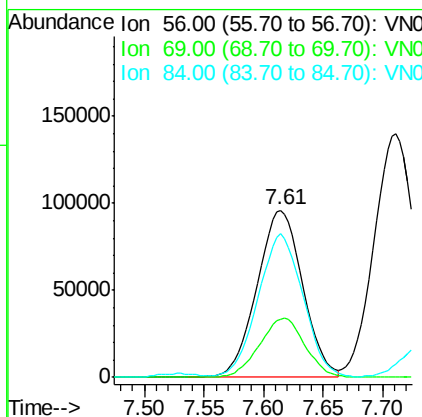
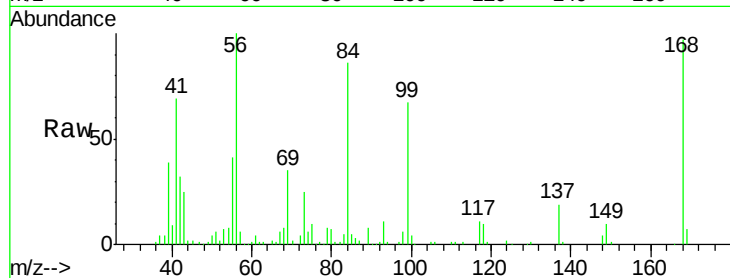
#31
Cyclohexane
Concen: 45.560 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
ICVVN093020

Tot Ion	Ratio	Resp	Lower	Upper
56	100	255355		
69	35.0		25.4	38.2
84	83.9		63.3	94.9

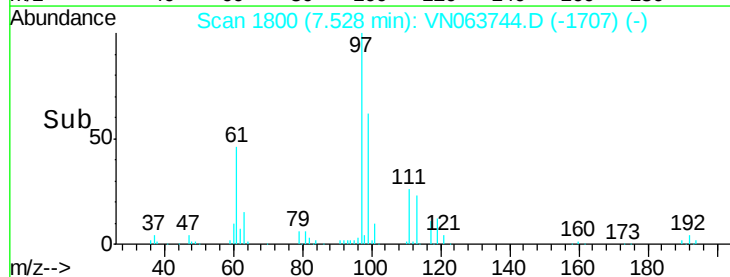
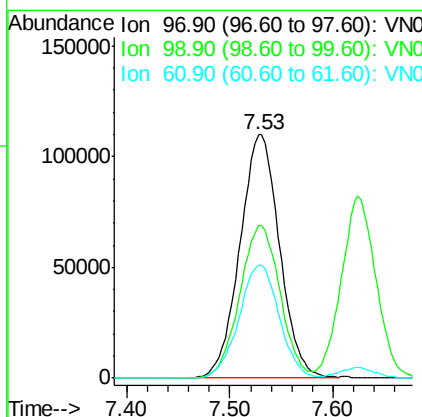
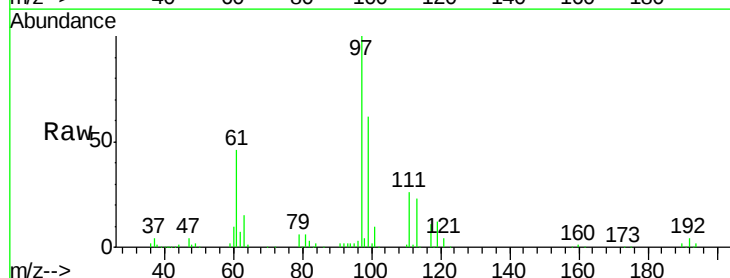
Manual Integrations
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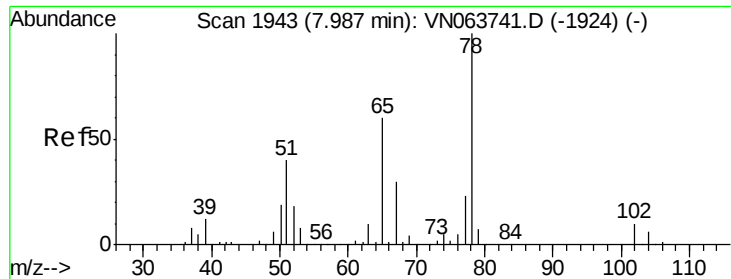
MMDadoda
10/1/2020 2:40:24 PM



#32
1,1,1-Trichloroethane
Concen: 48.542 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	293602		
99	63.7		51.0	76.6
61	47.1		38.7	58.1





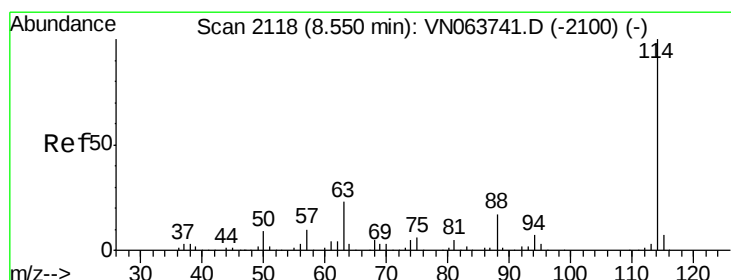
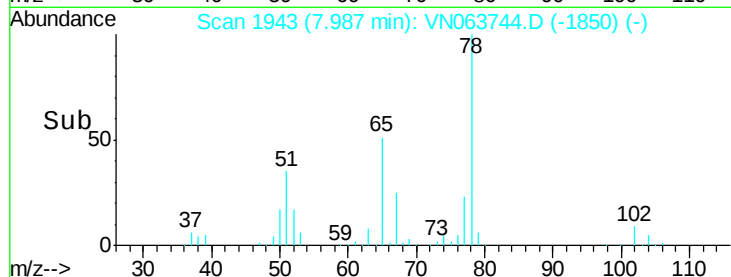
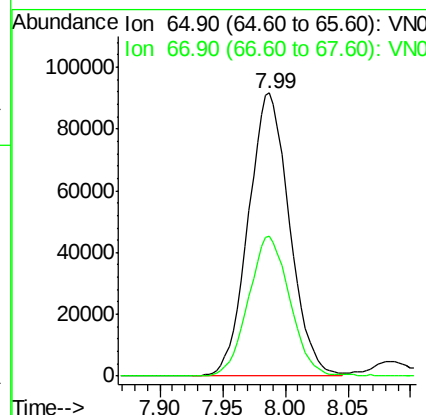
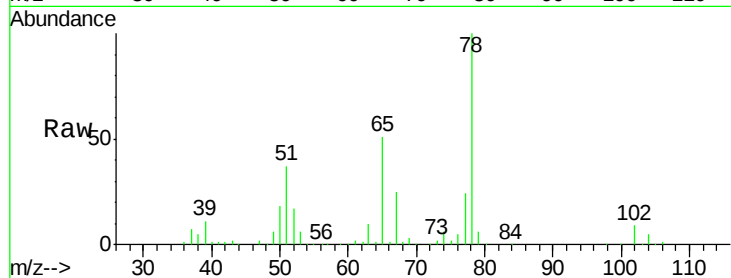
#33
 1,2-Dichloroethane-d4
 Concen: 43.359 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN093020

Tot Ion	Ratio	Resp	Lower	Upper
65	100	209331		
67	49.7	0.0	99.6	

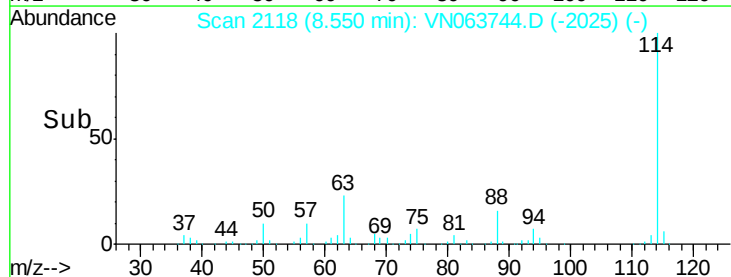
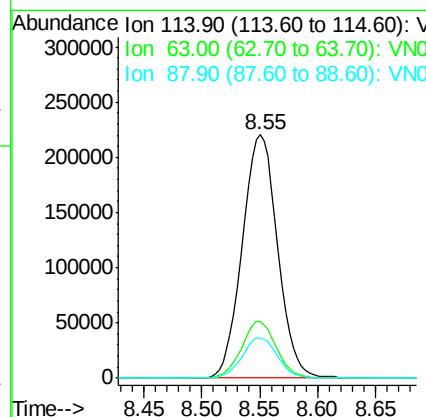
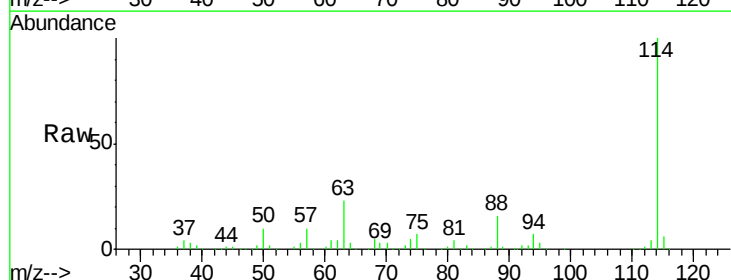
Manual Integrations
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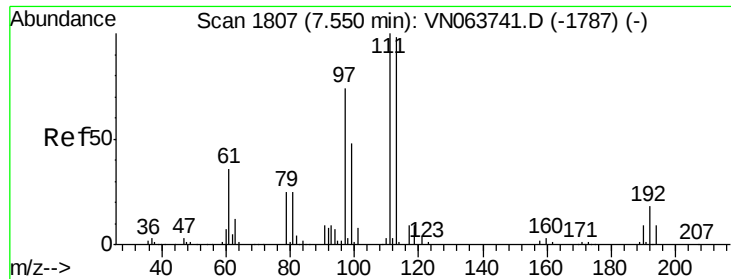
MMDadoda
 10/1/2020 2:40:24 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	467371		
63	23.2	0.0	45.0	
88	16.3	0.0	34.0	





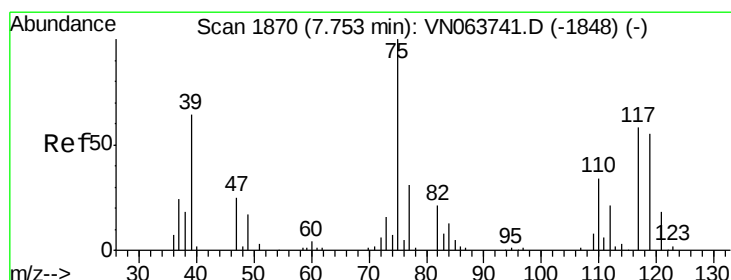
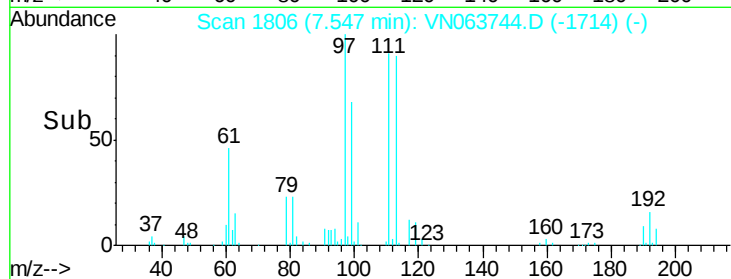
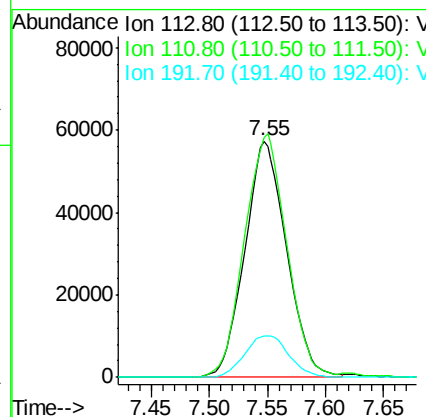
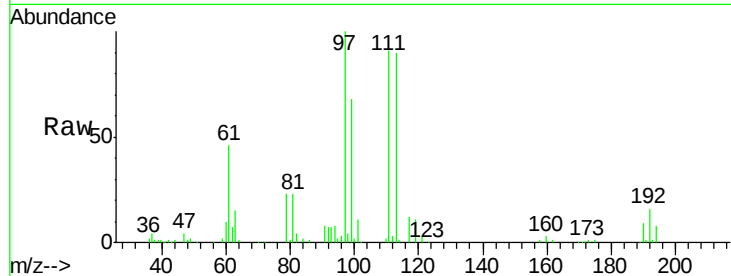
#35
 Dibromofluoromethane
 Concen: 44.206 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Tot Ion	Ratio	Resp	Lower	Upper
113	100	143358		
111	104.6	81.8	122.8	
192	18.7	14.2	21.2	

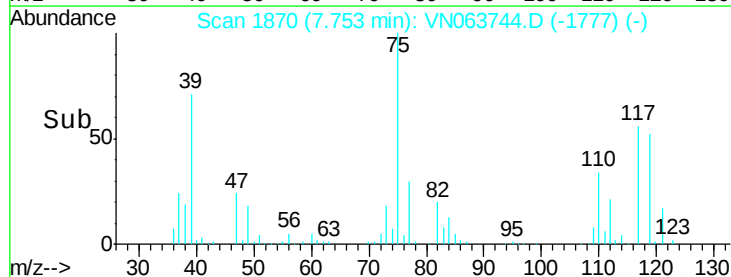
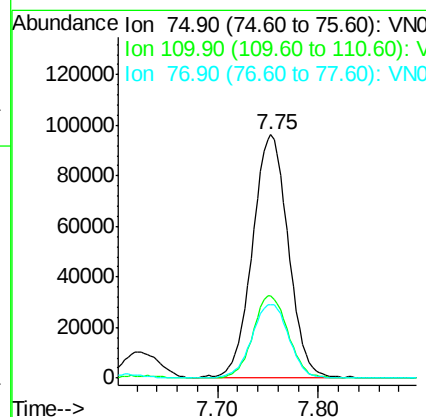
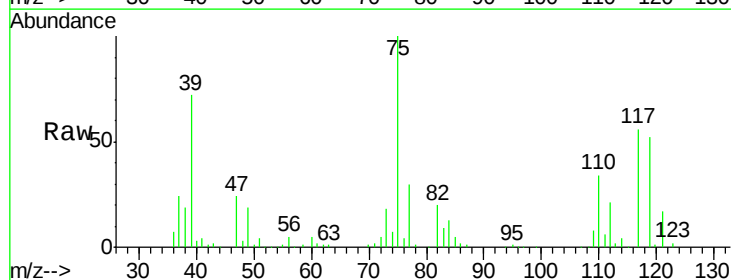
Manual Integrations
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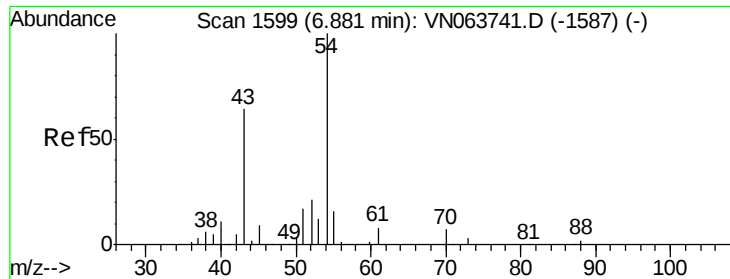
MMDadoda
 10/1/2020 2:40:24 PM



#36
 1,1-Dichloropropene
 Concen: 49.691 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	235281		
110	33.3	16.9	50.6	
77	31.7	24.5	36.7	





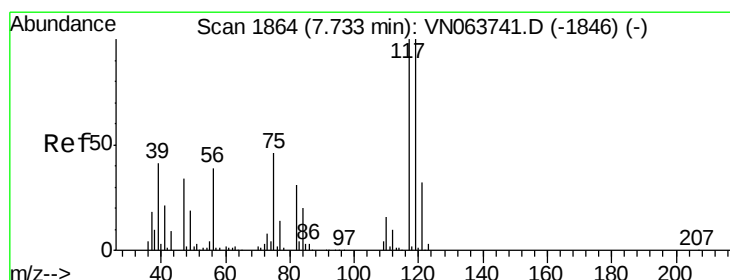
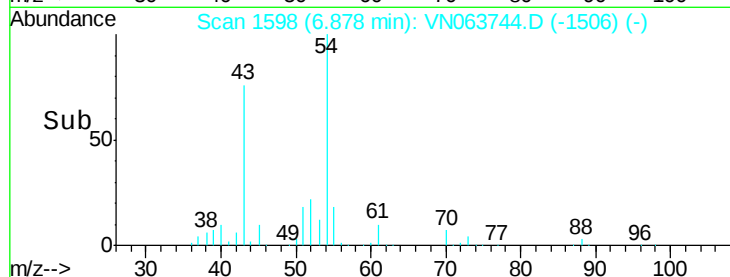
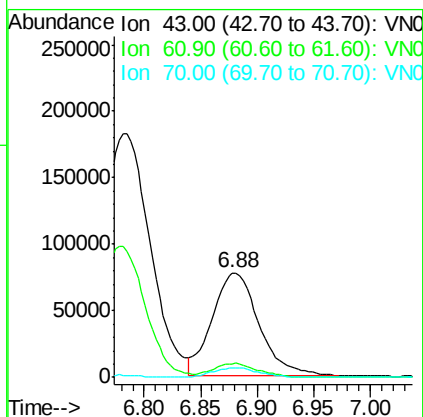
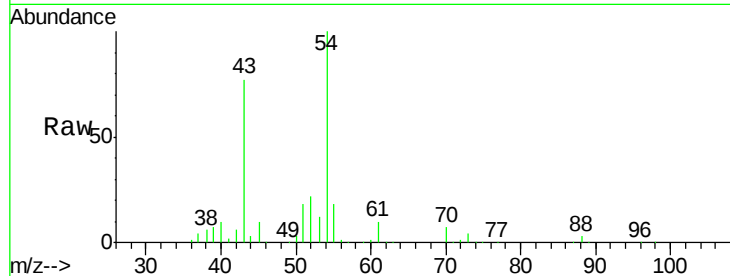
#37
Ethyl Acetate
Concen: 47.303 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.4	15.6
70	9.4	7.3	10.9

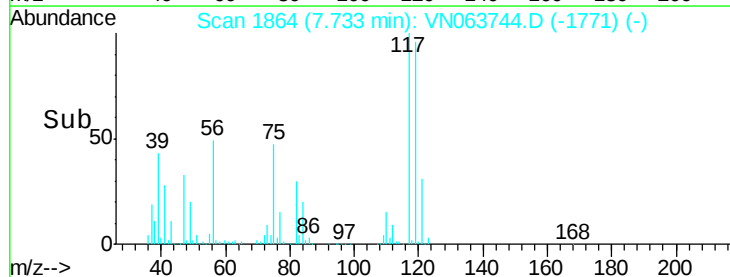
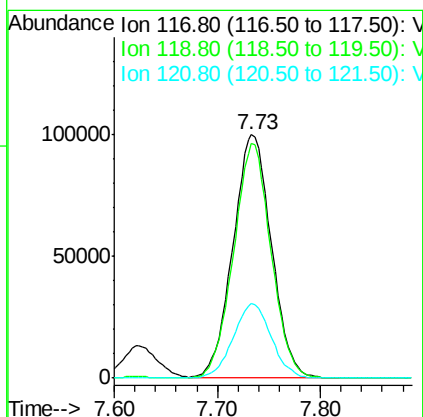
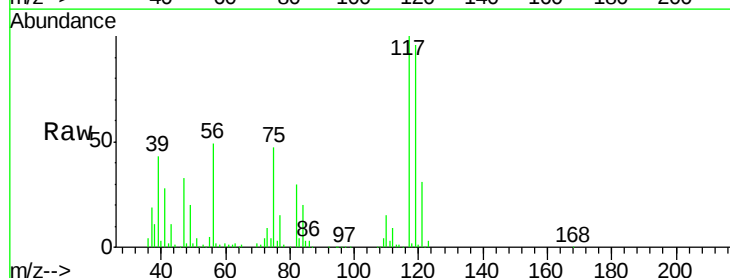
Manual Integrations
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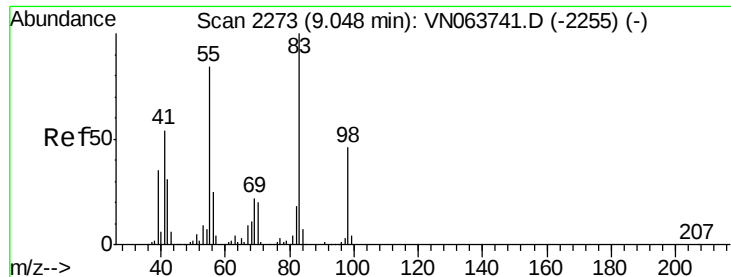
MMDadoda
10/1/2020 2:40:24 PM



#38
Carbon Tetrachloride
Concen: 48.469 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	80.1	120.1
121	30.7	25.7	38.5





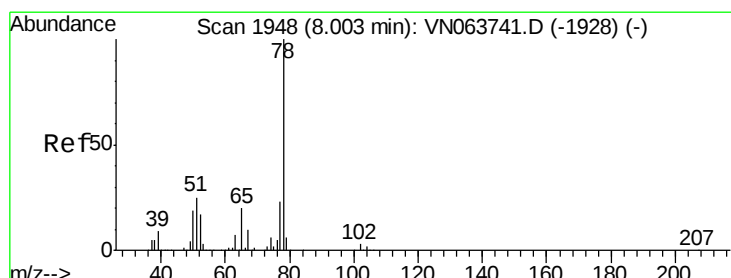
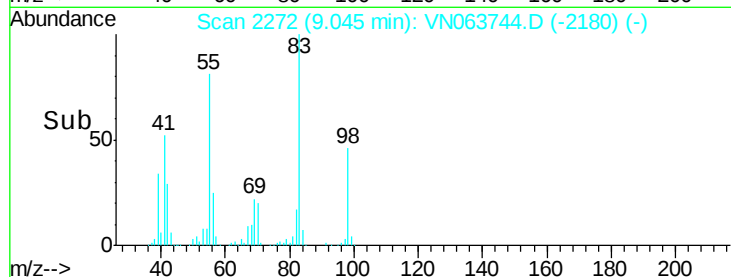
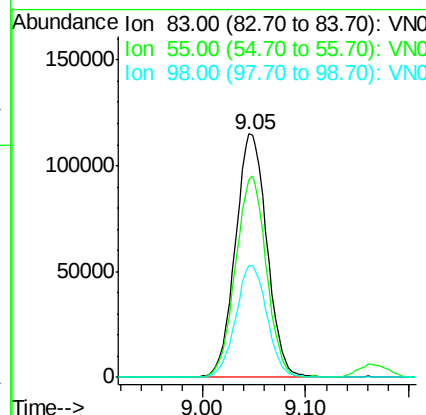
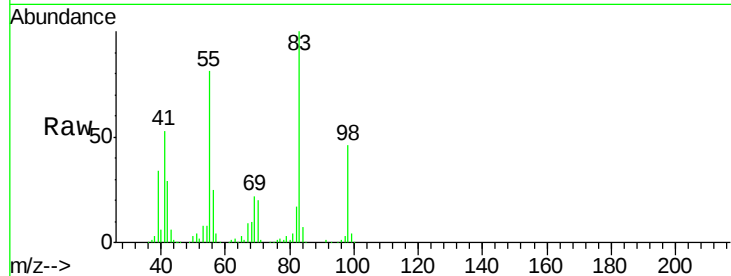
#39
Methvlcvclohexane
Concen: 52.035 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	Ratio	Resp	Lower	Upper
83	100	245699		
55	81.3		67.1	100.7
98	46.1		36.6	54.8

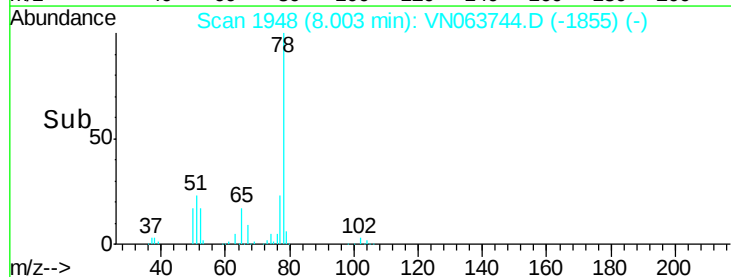
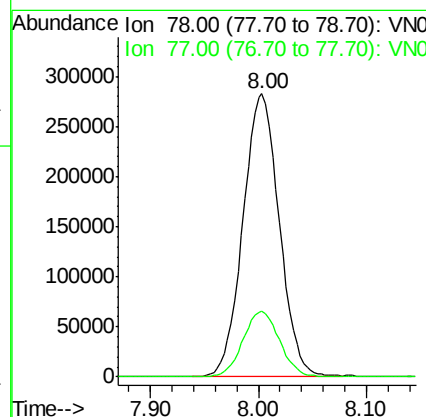
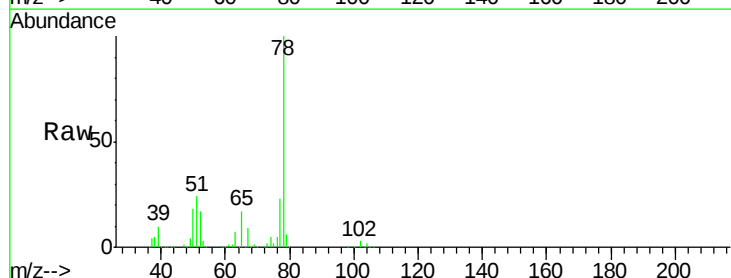
Manual Integrations
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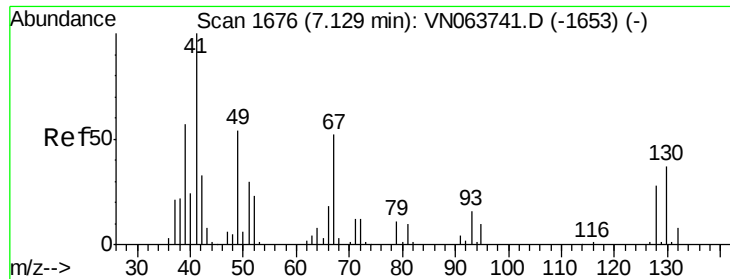
MMDadoda
10/1/2020 2:40:24 PM



#40
Benzene
Concen: 48.937 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	661828		
77	23.1		18.7	28.1





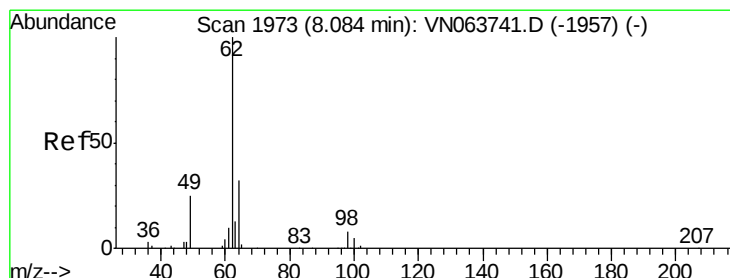
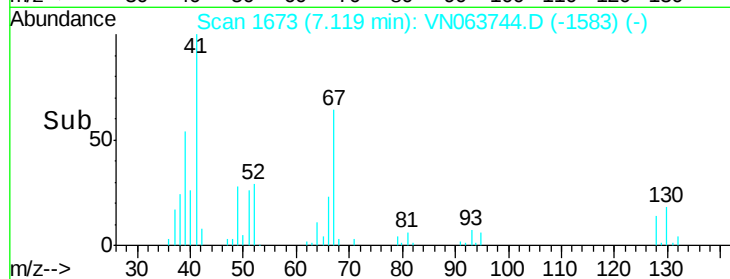
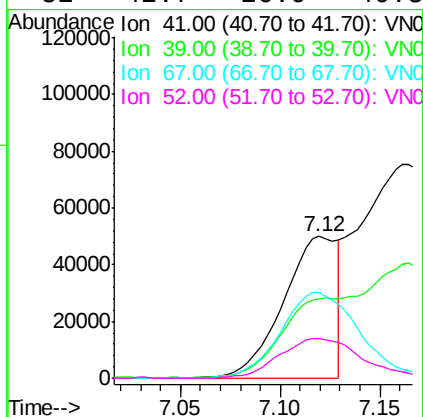
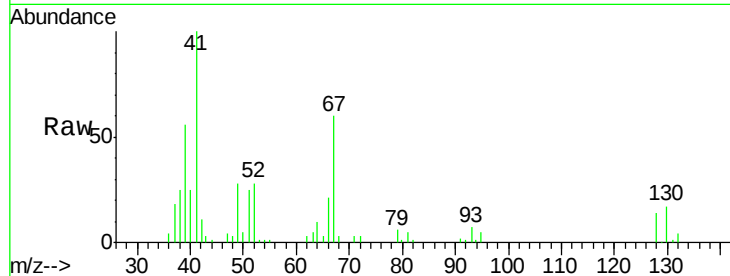
#41
Methacrylonitrile
Concen: 45.407 ug/l m
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.2	42.5	63.7
67	87.9	57.4	86.2#
52	42.7	26.9	40.3#

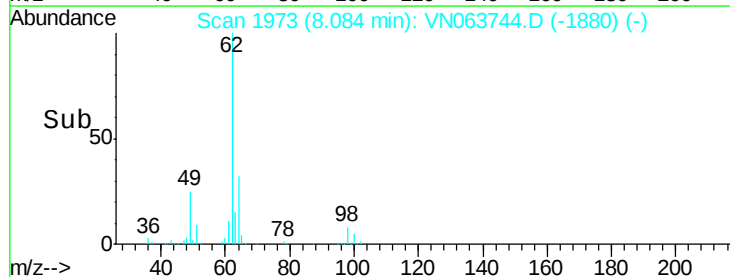
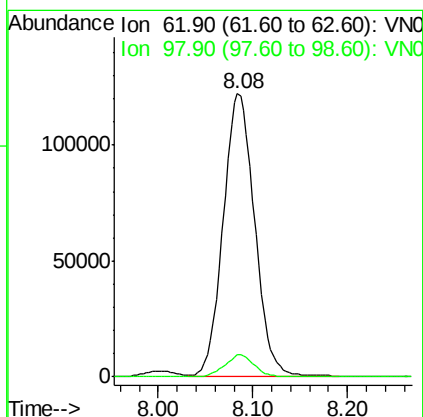
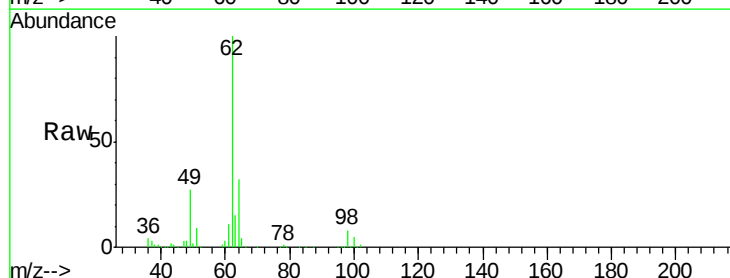
Manual Integrations
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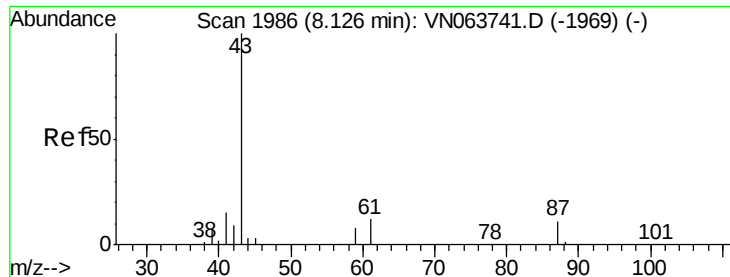
MMDadoda
10/1/2020 2:40:24 PM



#42
1,2-Dichloroethane
Concen: 48.807 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.3	0.0	15.0





#43

Isopropyl Acetate

Concen: 50.405 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

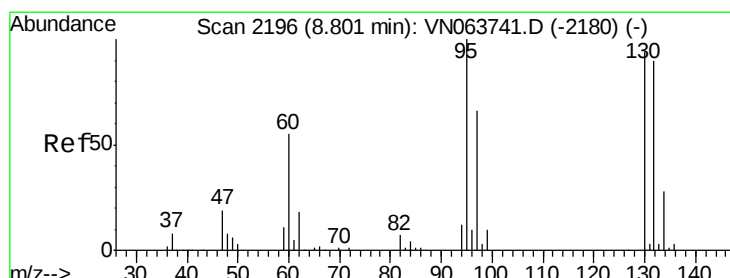
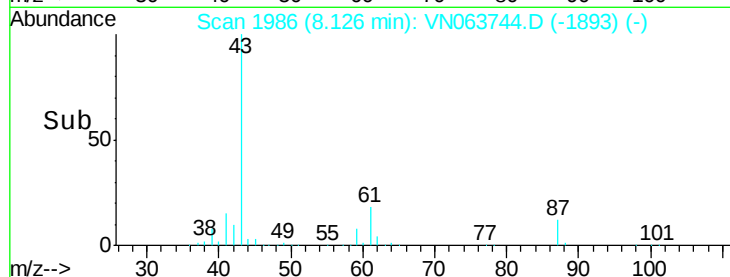
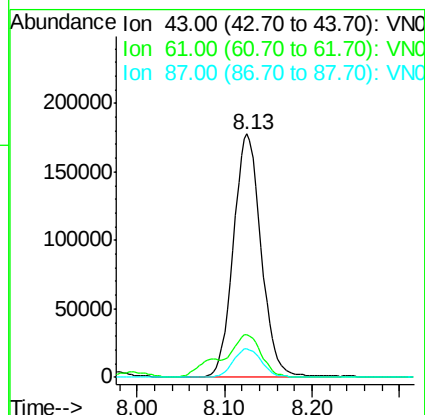
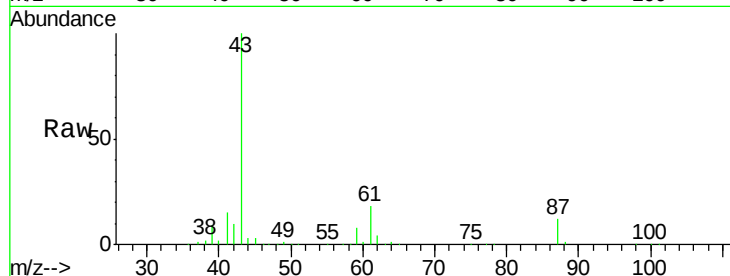
ClientSampleId :

ICVVN093020

Tot Ion:	43	Resp:	391112
Ion	Ratio	Lower	Upper
43	100		
61	17.7	14.2	21.4
87	12.1	9.0	13.6

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#44

Trichloroethene

Concen: 48.710 ug/l

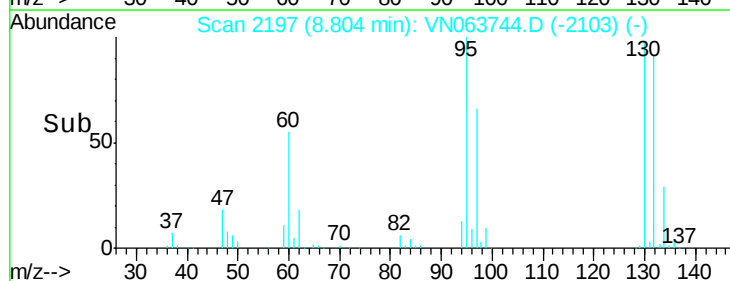
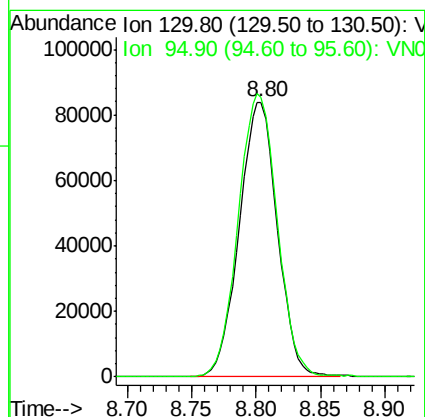
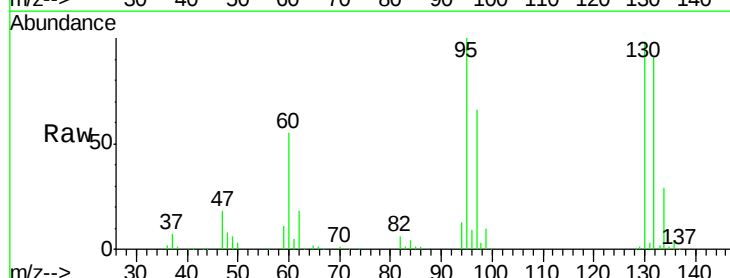
RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion:	130	Resp:	172605
Ion	Ratio	Lower	Upper
130	100		
95	101.6	0.0	213.6





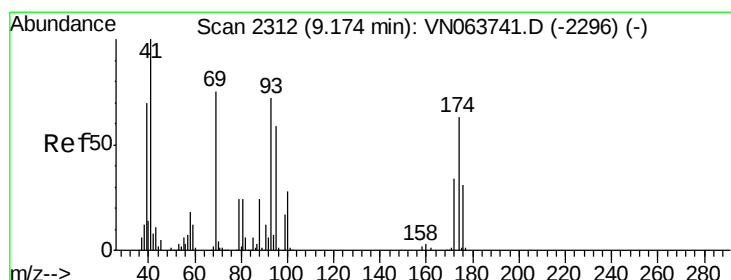
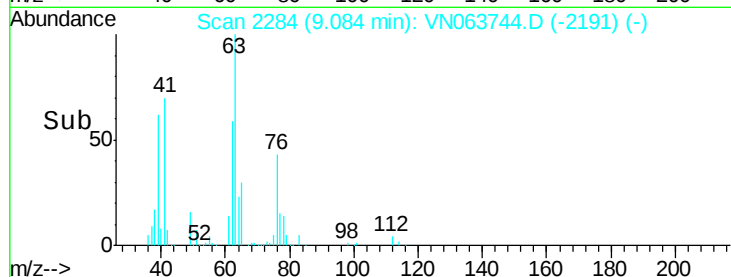
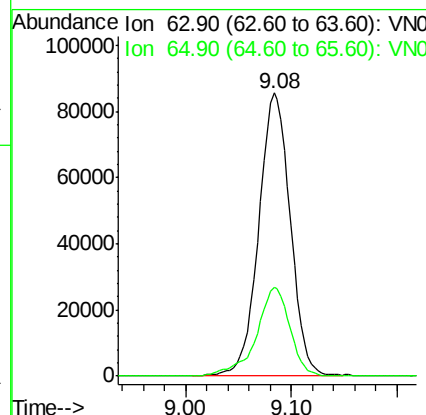
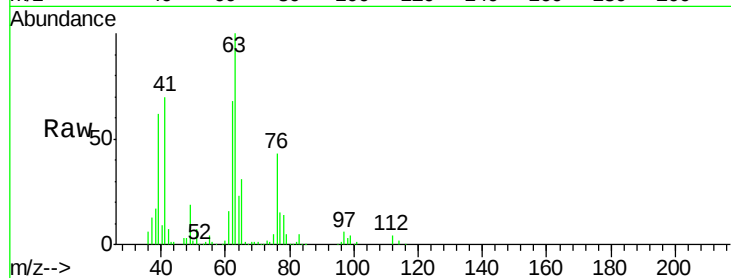
#45
 1,2-Dichloropropane
 Concen: 48.922 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	24.7	37.1

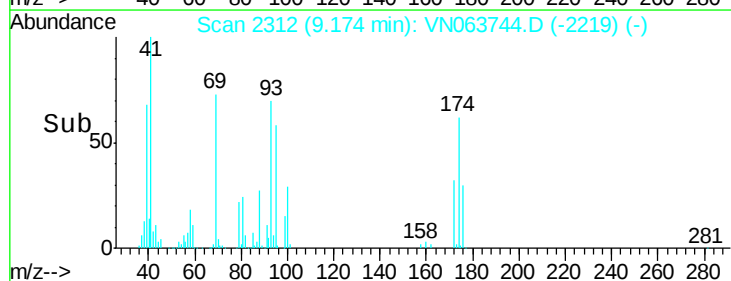
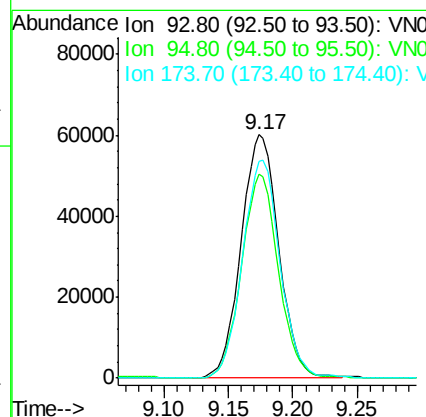
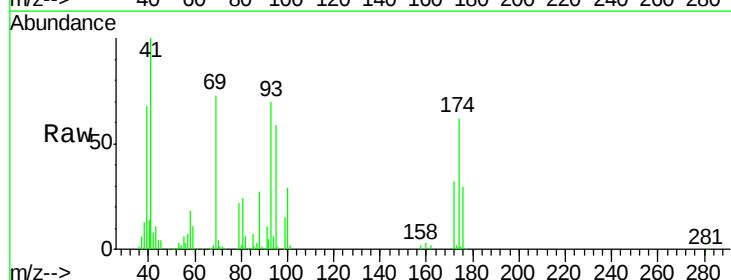
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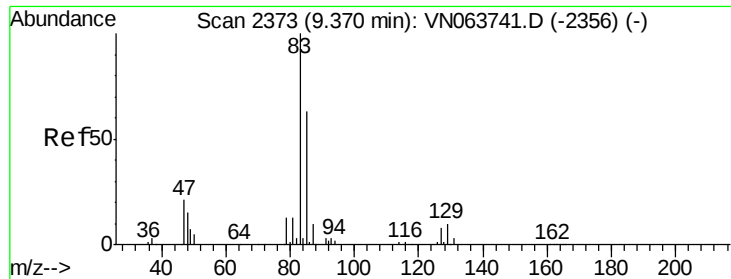
MMDadoda
 10/1/2020 2:40:24 PM



#46
 Dibromomethane
 Concen: 48.576 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.0	66.3	99.5
174	89.2	72.7	109.1





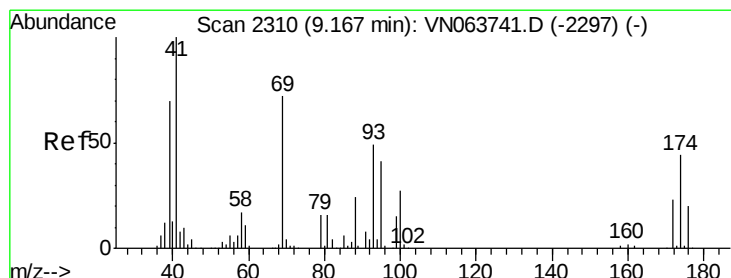
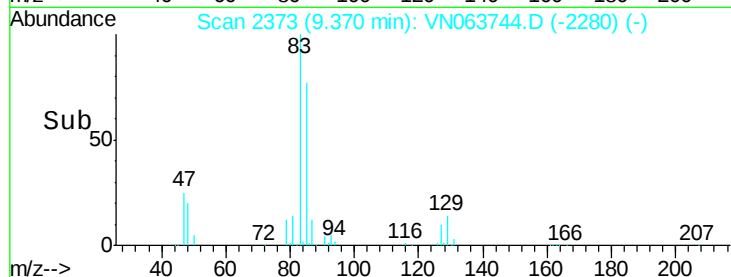
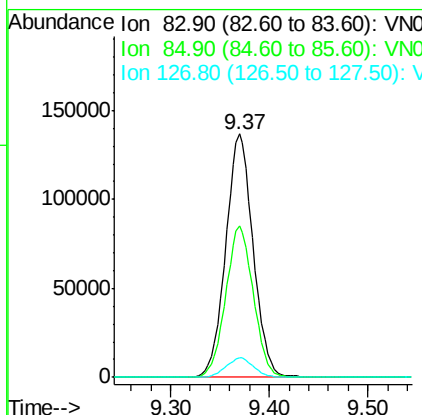
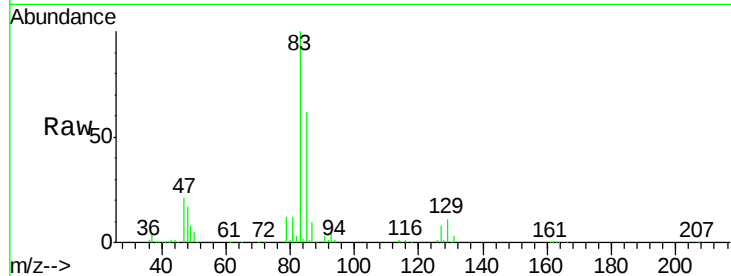
#47
Bromodichloromethane
Concen: 51.145 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.6	75.8
127	8.2	6.6	9.8

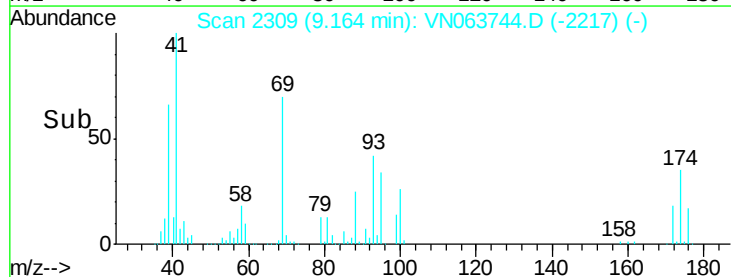
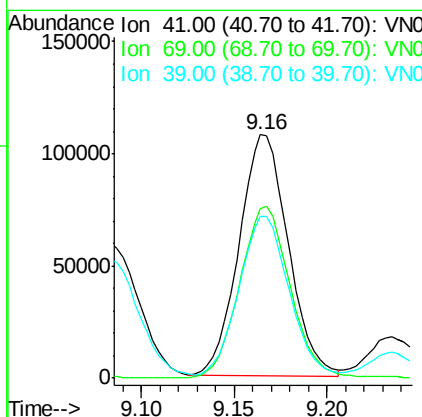
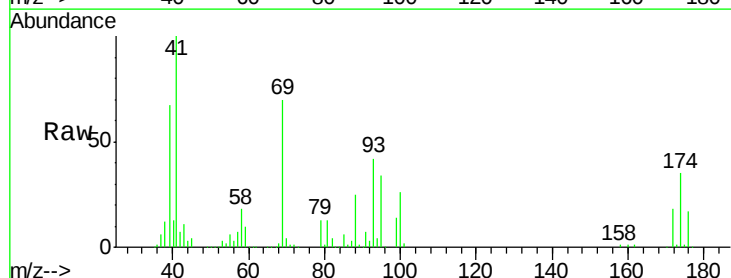
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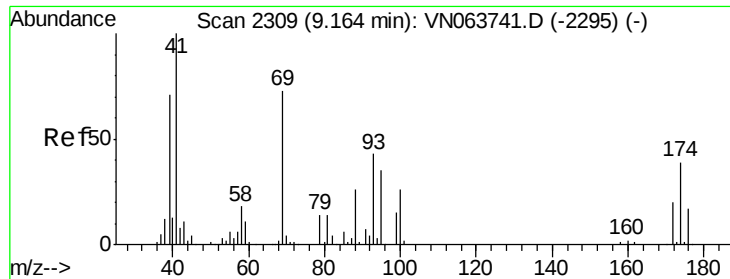
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#48
Methyl methacrylate
Concen: 51.388 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
41	100		
69	74.0	60.9	91.3
39	68.9	57.5	86.3





#49

1,4-Dioxane

Concen: 1050.467 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

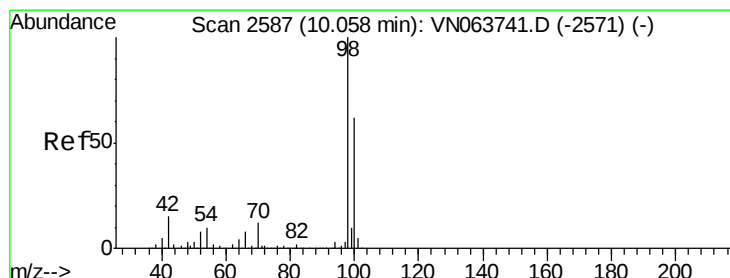
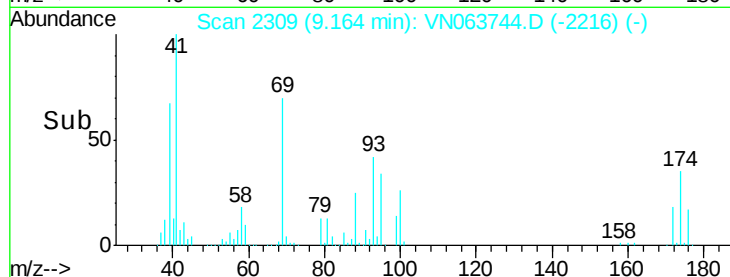
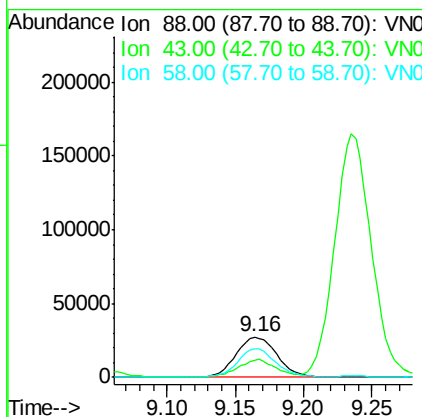
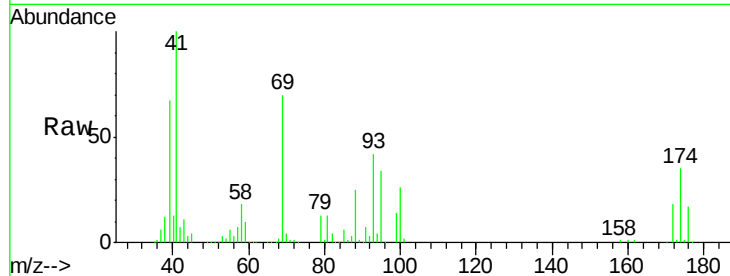
ClientSampleId :

ICVVN093020

Tot Ion:	88	Resp:	57234
Ion	Ratio	Lower	Upper
88	100		
43	39.1	33.1	49.7
58	67.2	58.9	88.3

Manual Integrations
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#50

Toluene-d8

Concen: 44.519 ug/l

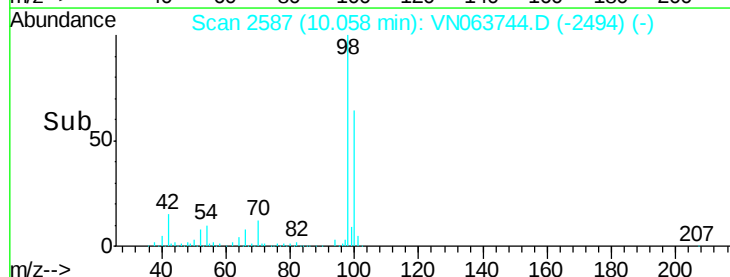
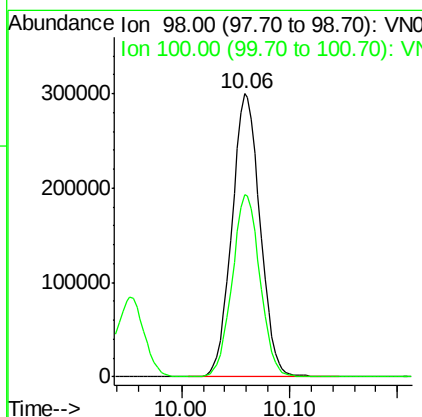
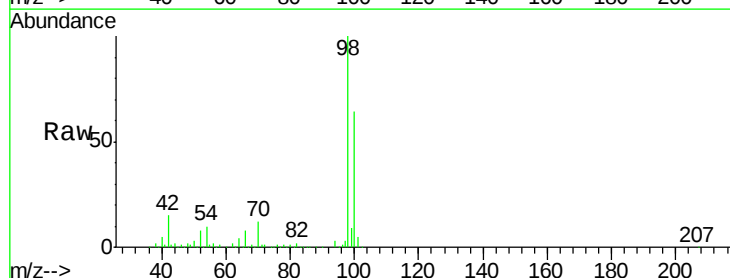
RT: 10.06 min Scan# 2587

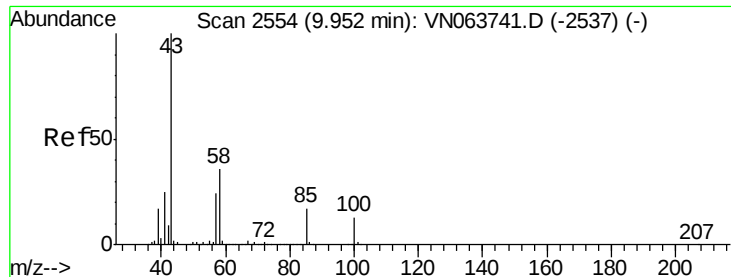
Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion:	98	Resp:	547307
Ion	Ratio	Lower	Upper
98	100		
100	63.2	49.8	74.6





#51

4-Methyl-2-Pentanone

Concen: 257.043 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

Tot Ion: 43 Resp: 1170463

Ion Ratio Lower Upper

43 100

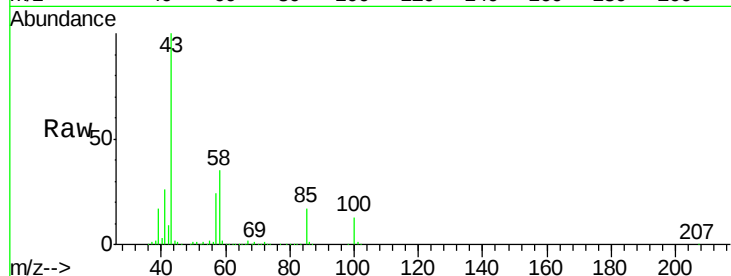
58 35.7 28.4 42.6

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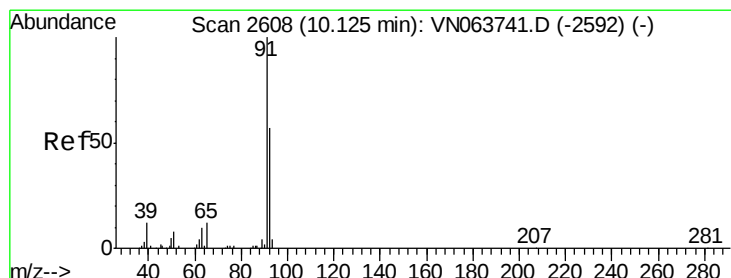
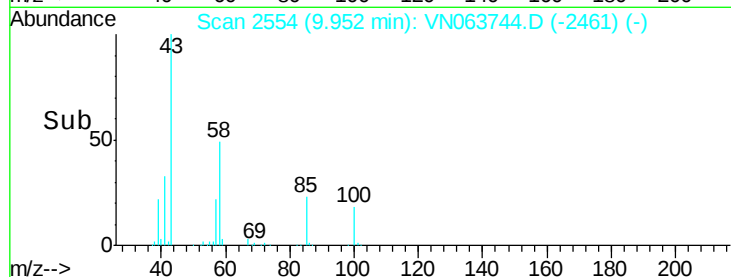
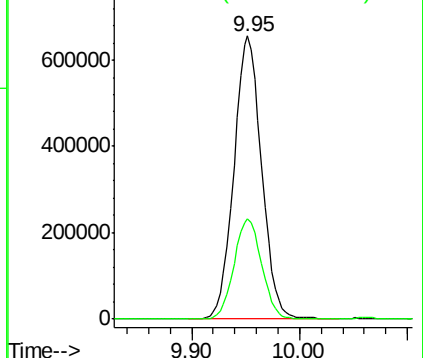
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 50.288 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063744.D

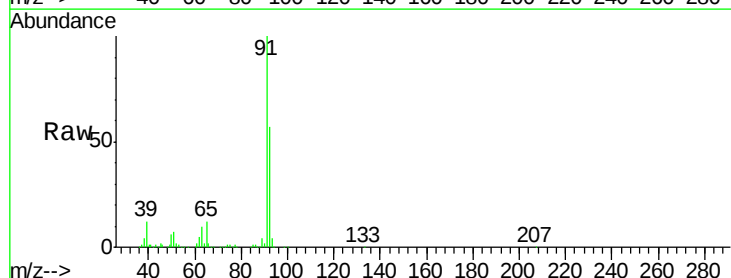
Acq: 30 Sep 2020 12:50

Tgt Ion: 92 Resp: 420667

Ion Ratio Lower Upper

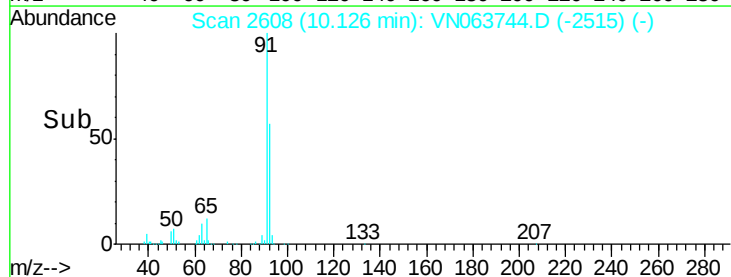
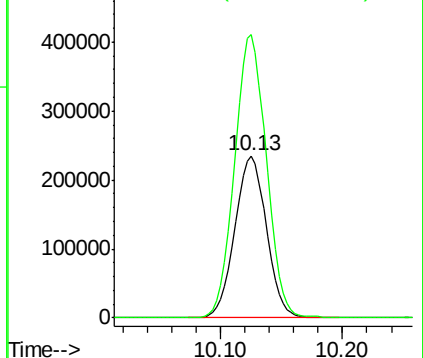
92 100

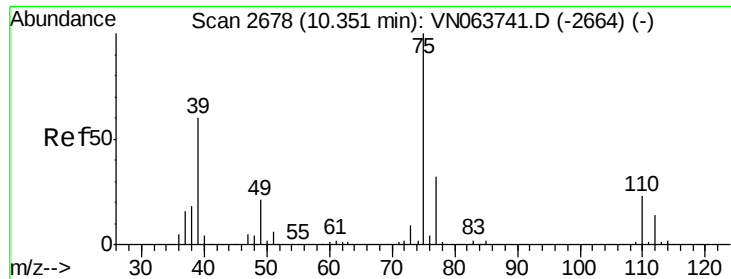
91 176.0 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





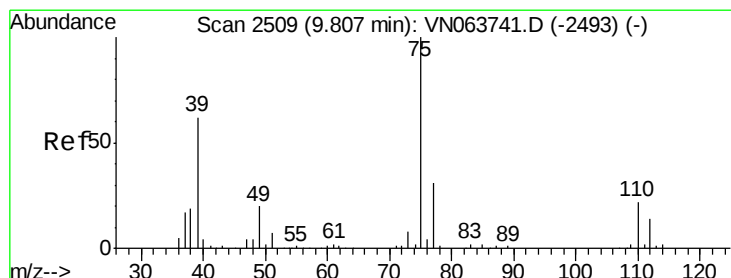
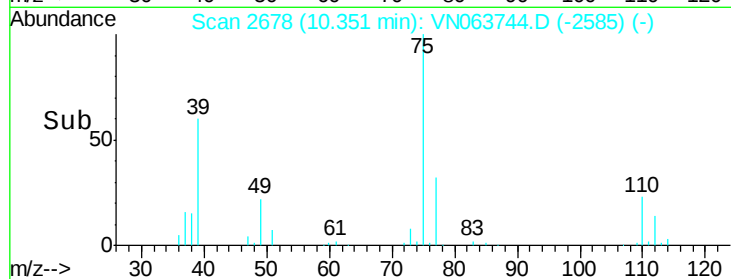
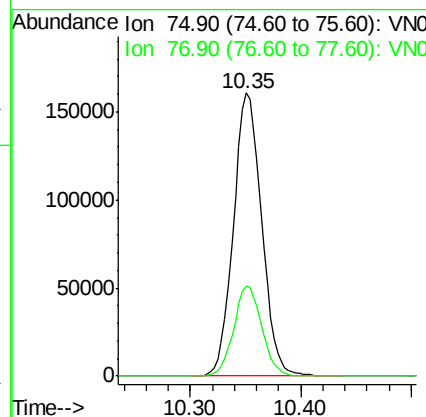
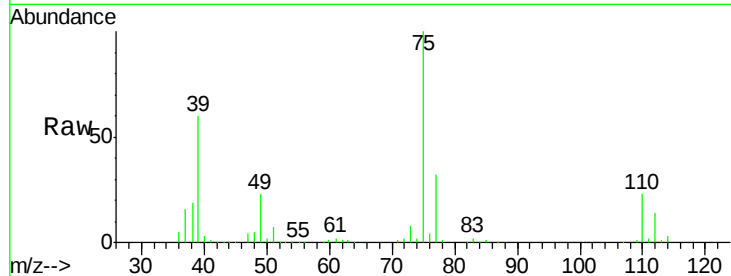
#53
t-1,3-Dichloropropene
Concen: 51.361 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.3	37.9

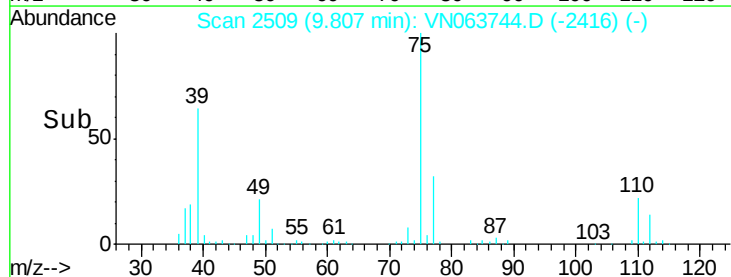
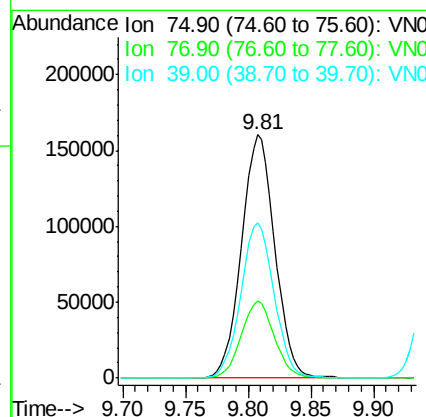
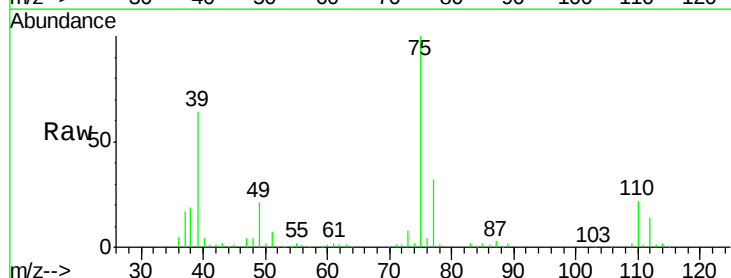
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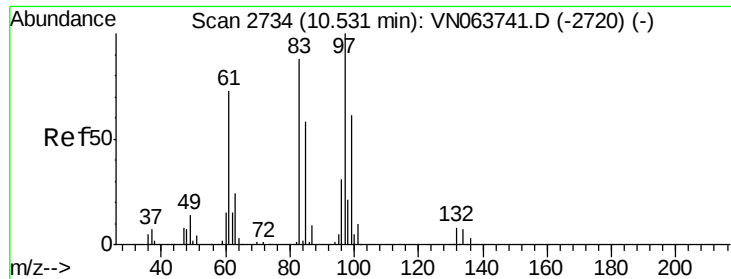
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#54
cis-1,3-Dichloropropene
Concen: 50.887 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	24.6	36.8
39	63.7	49.7	74.5





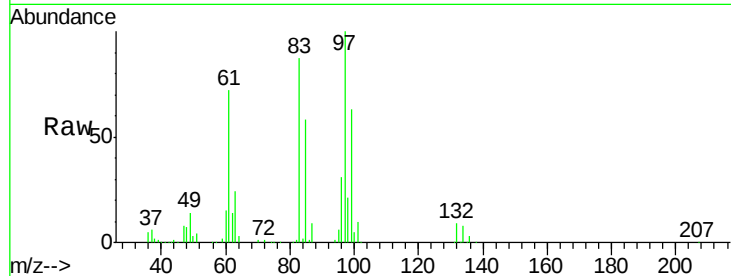
#55
 1,1,2-Trichloroethane
 Concen: 50.027 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

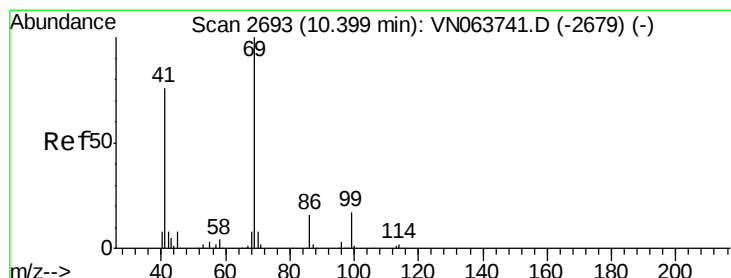
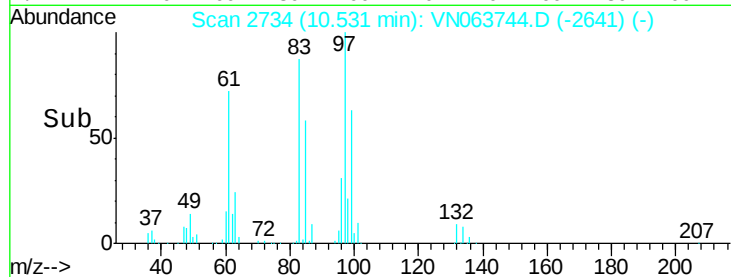
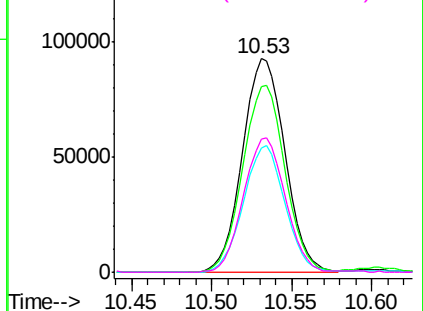
Tot Ion:	97	Resp:	167827
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.7	106.1
85	58.1	46.1	69.1
99	62.6	48.8	73.2

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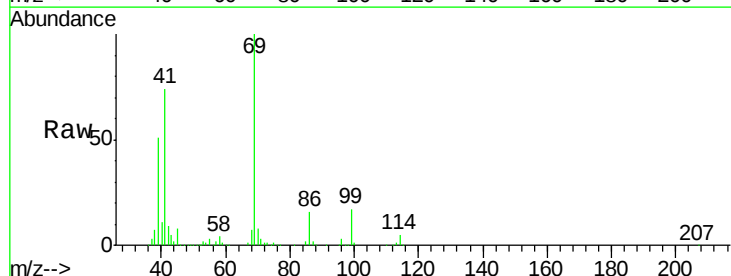


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

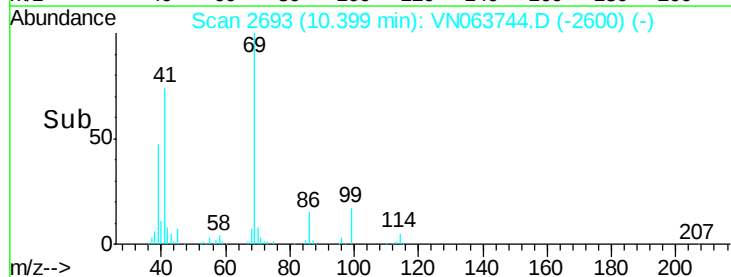
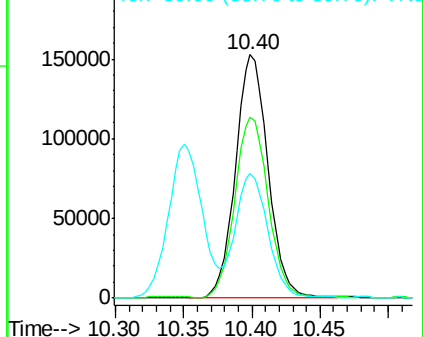


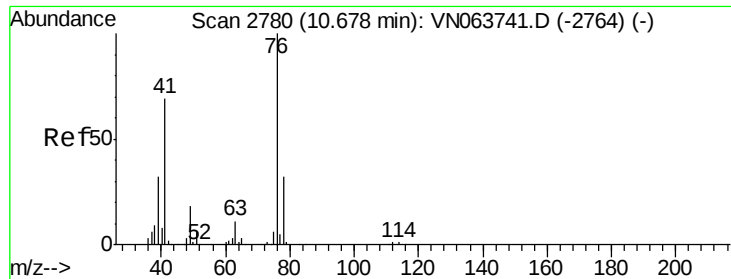
#56
 Ethyl methacrylate
 Concen: 53.180 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion:	69	Resp:	252881
Ion	Ratio	Lower	Upper
69	100		
41	75.6	61.1	91.7
39	51.4	42.2	63.4



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





#57

1,3-Dichloropropane

Concen: 50.680 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

Tot Ion: 76 Resp: 287641

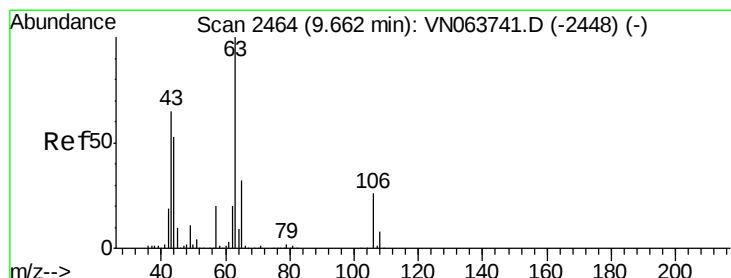
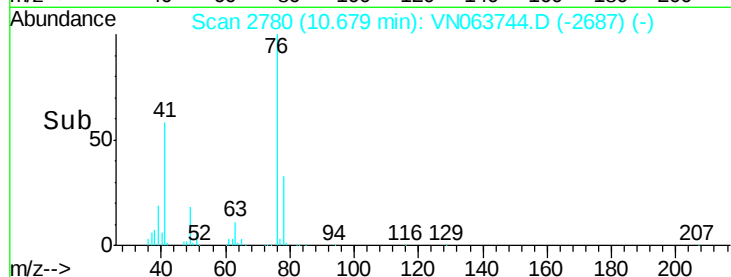
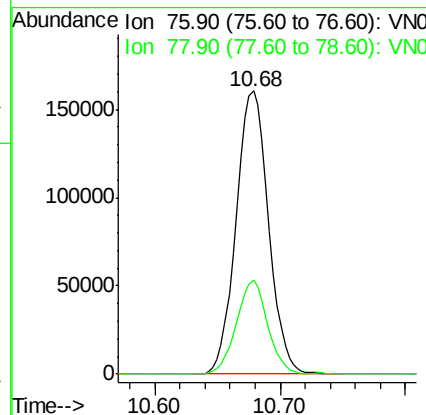
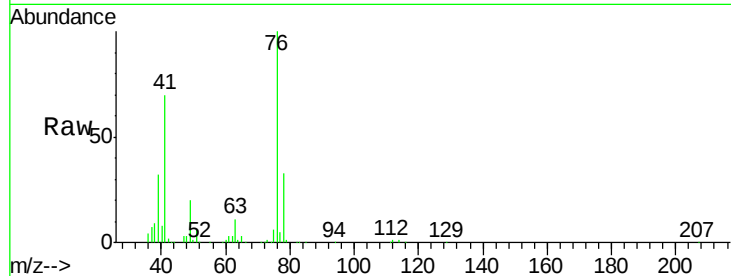
Ion Ratio Lower Upper

76 100

78 32.0 25.2 37.8

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#58

2-Chloroethyl Vinyl ether

Concen: 263.239 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063744.D

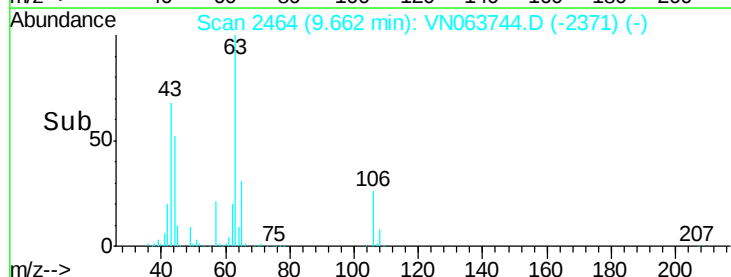
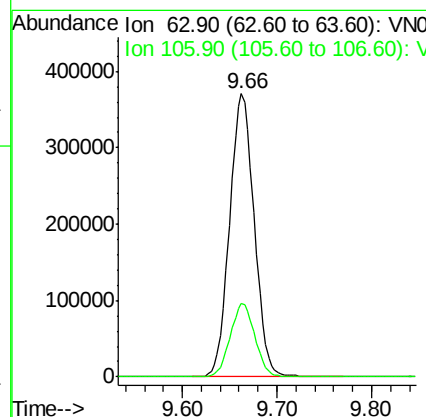
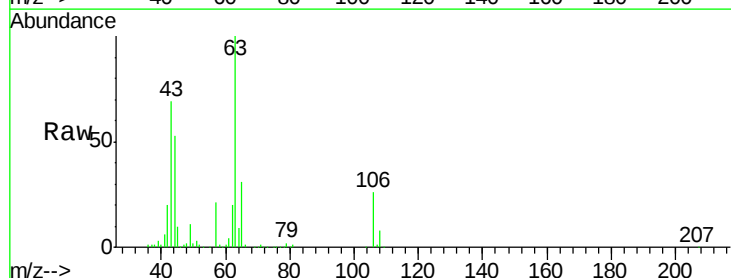
Acq: 30 Sep 2020 12:50

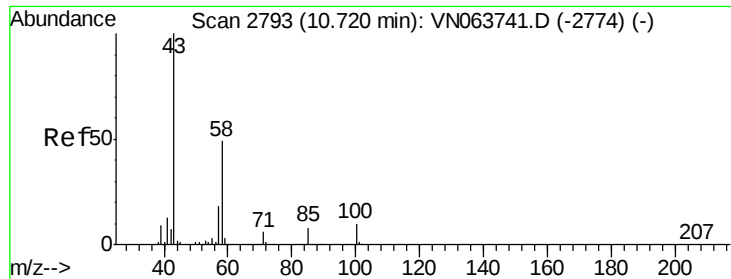
Tgt Ion: 63 Resp: 669573

Ion Ratio Lower Upper

63 100

106 25.9 20.7 31.1





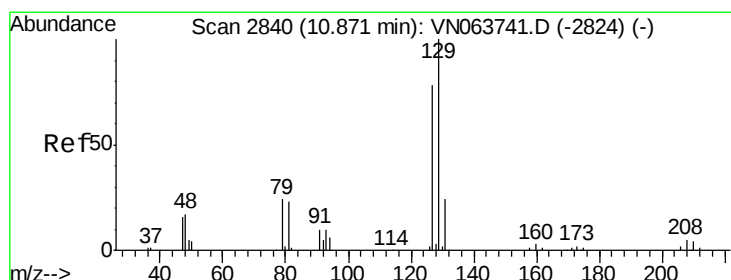
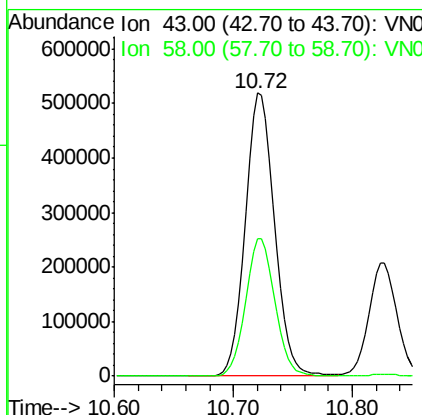
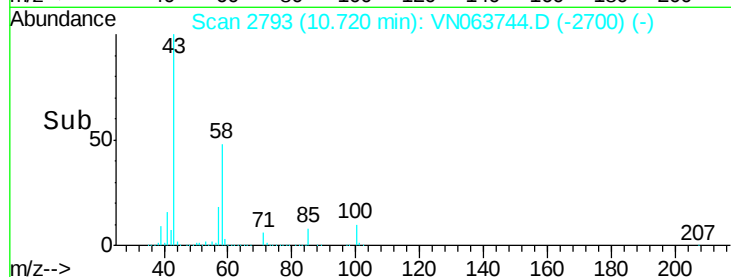
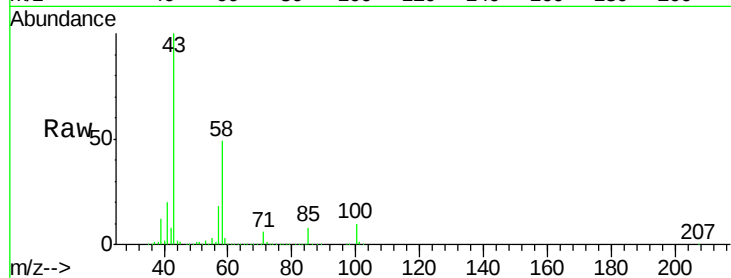
#59
2-Hexanone
Concen: 261.053 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.7	24.6	73.8

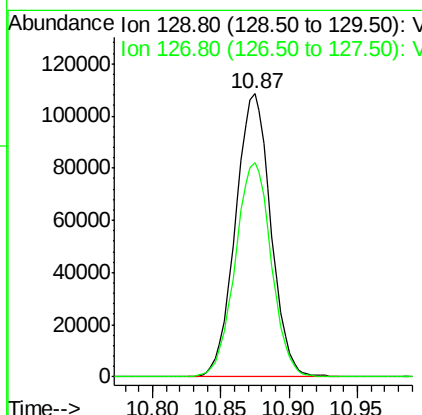
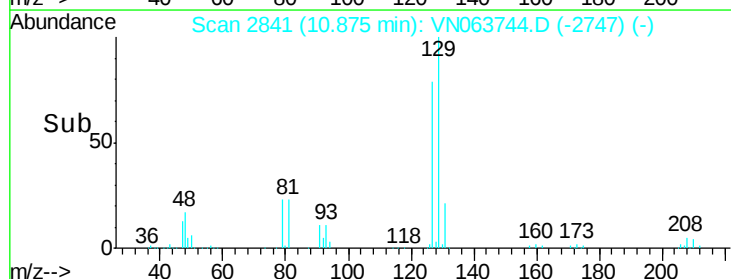
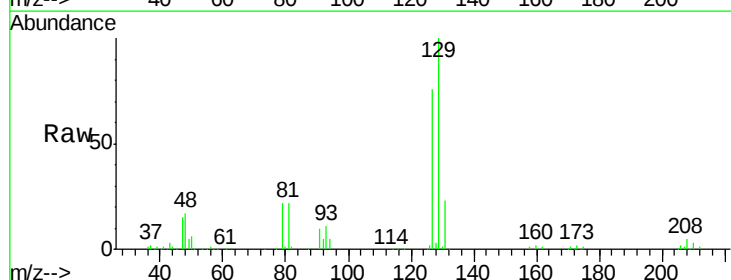
Manual Integrations
APPROVED

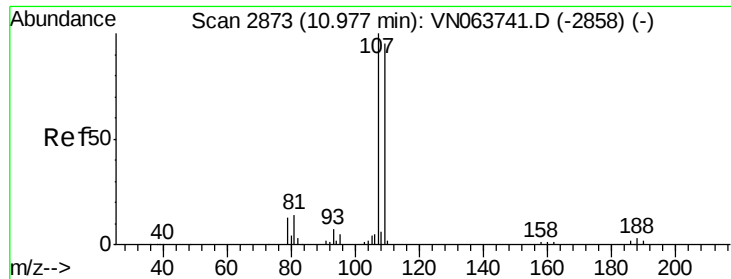
MMDadoda
10/1/2020 2:40:24 PM



#60
Dibromochloromethane
Concen: 49.887 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.9	116.7





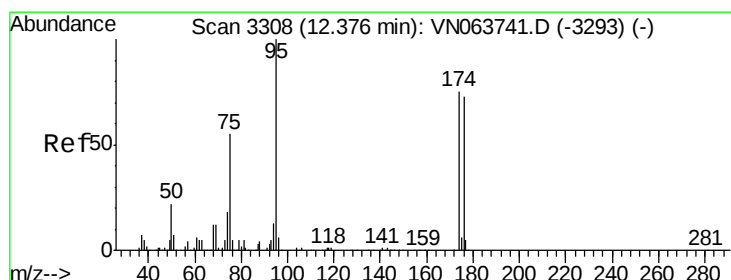
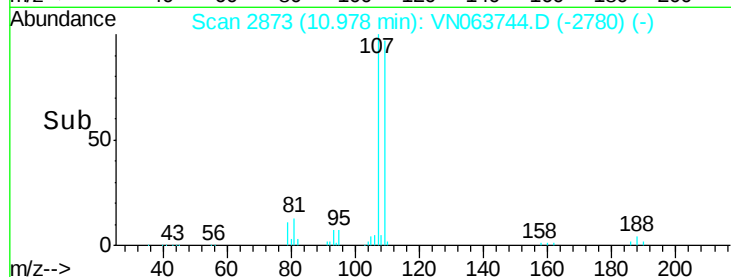
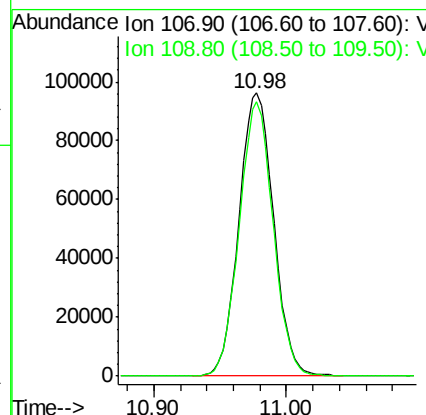
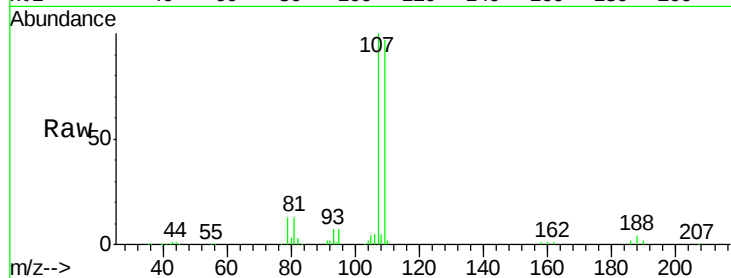
#61
 1,2-Dibromoethane
 Concen: 50.909 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.9	74.8	112.2

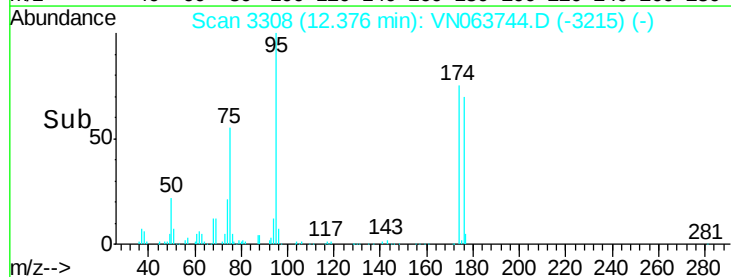
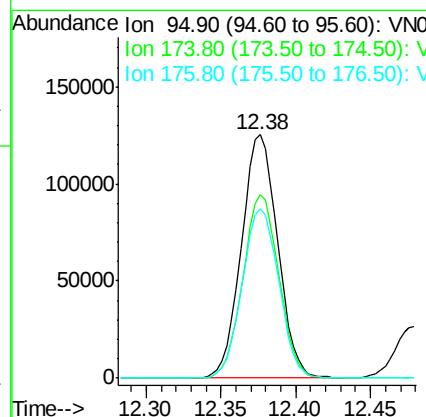
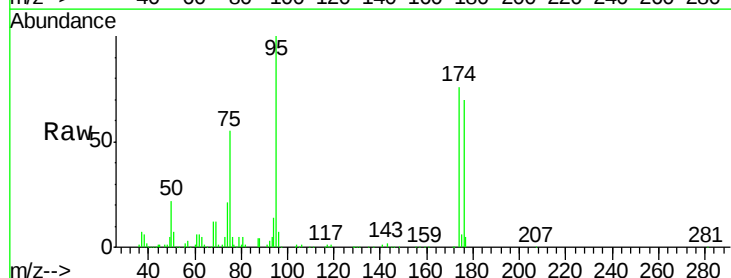
Manual Integrations
 APPROVED

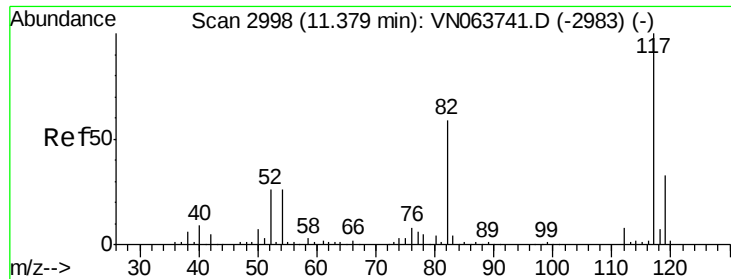
MMDadoda
 10/1/2020 2:40:24 PM



#62
 4-Bromofluorobenzene
 Concen: 45.704 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	150.6
176	70.4	0.0	145.4





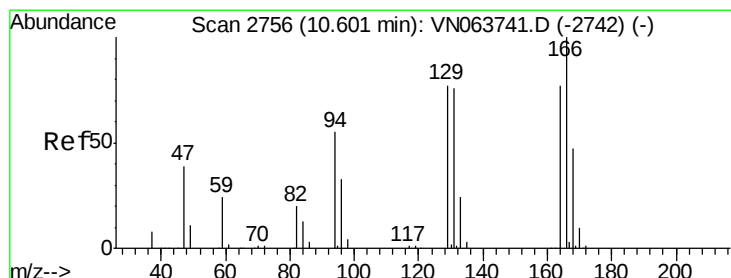
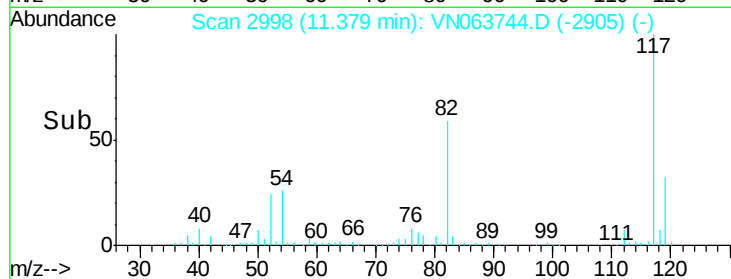
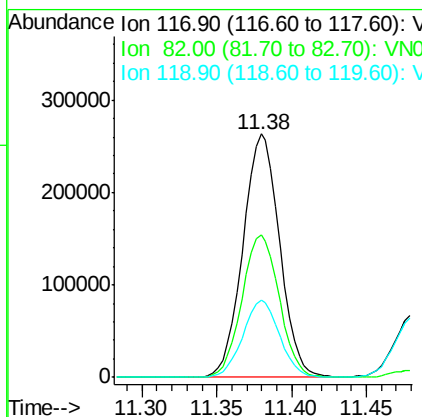
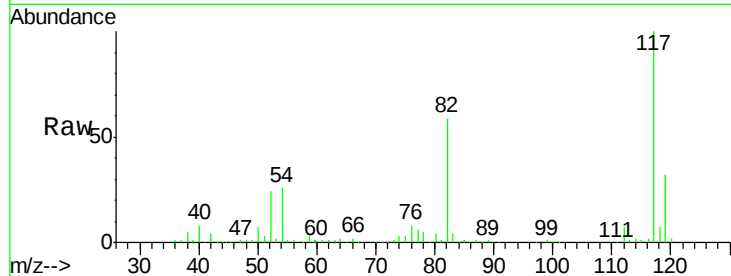
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
ICVVN093020

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	47.4	71.2
119	31.5	26.4	39.6

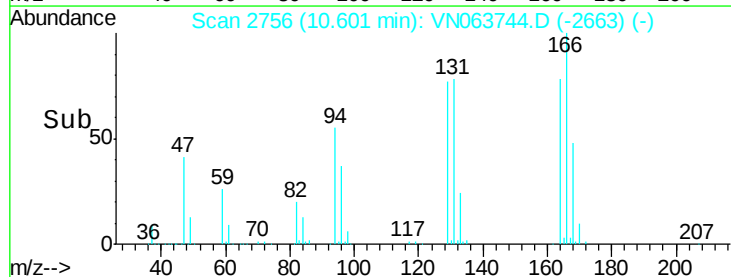
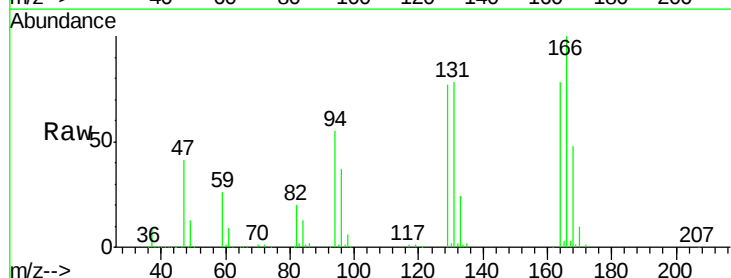
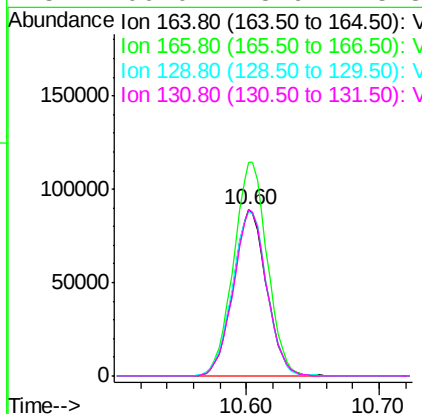
Manual Integrations
APPROVED

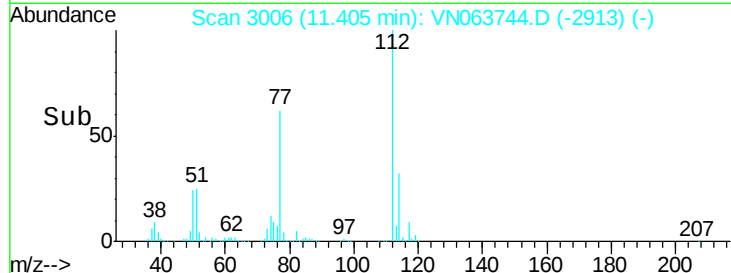
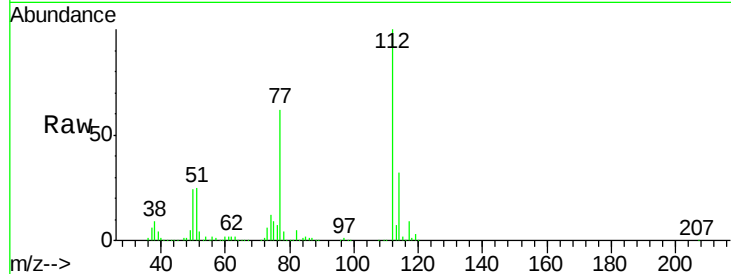
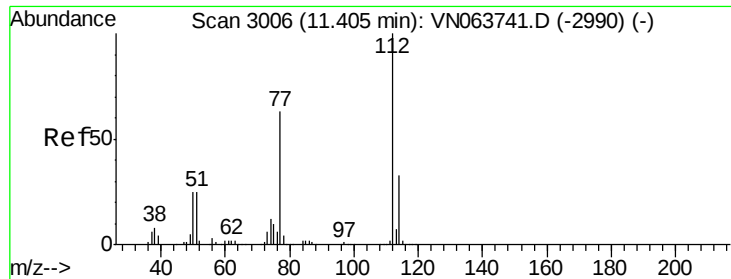
MMDadoda
10/1/2020 2:40:24 PM



#64
Tetrachloroethene
Concen: 44.878 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.4	103.9	155.9
129	98.7	80.3	120.5
131	100.0	78.9	118.3





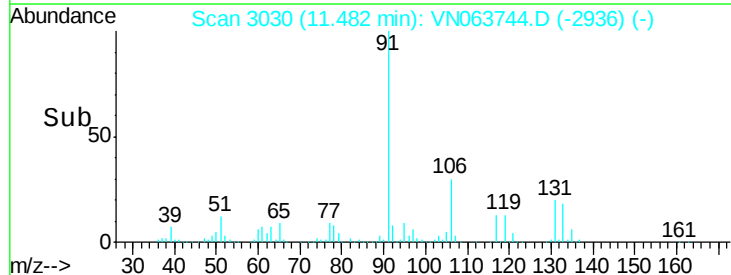
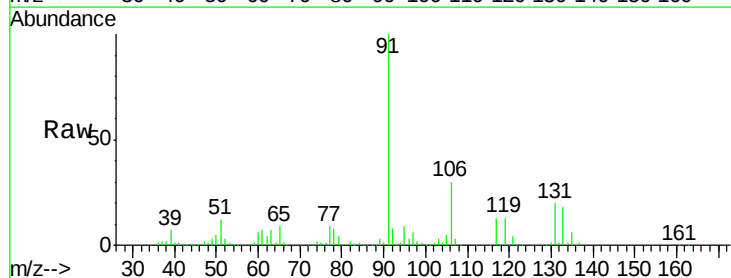
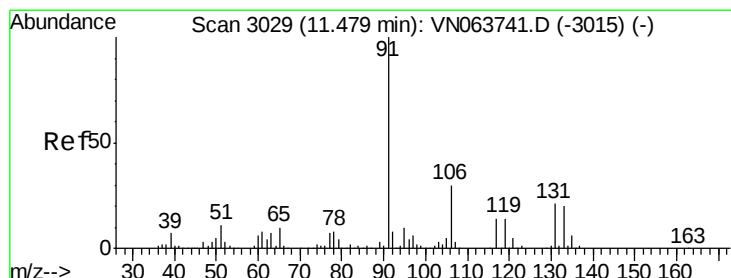
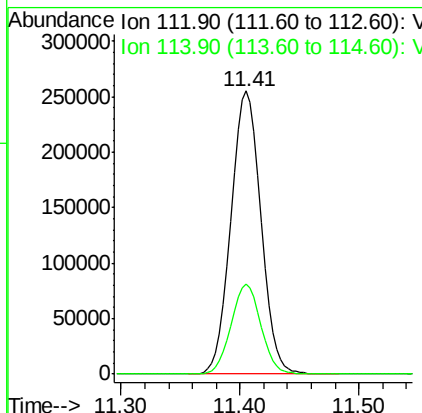
#65
Chlorobenzene
Concen: 48.439 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tot Ion:112 Resp: 446188
Ion Ratio Lower Upper
112 100
114 31.9 26.1 39.1

Instrument :
MSVOA_N
ClientSampled :
ICVVN093020

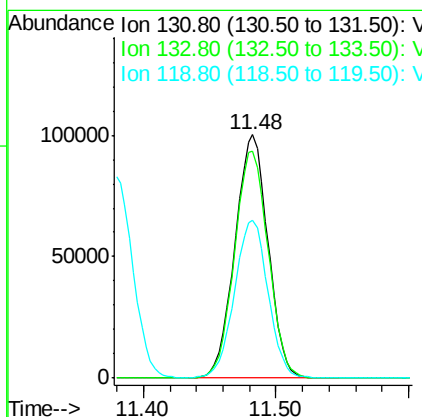
Manual Integrations
APPROVED

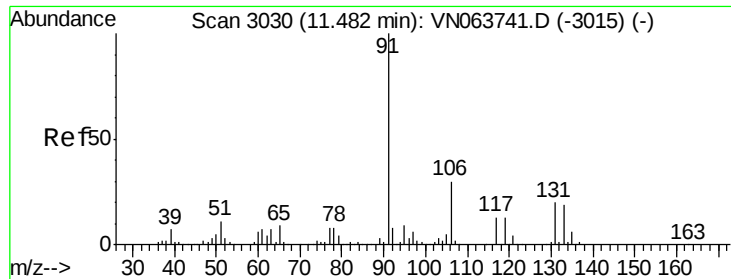
MMDadoda
10/1/2020 2:40:24 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.157 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion:131 Resp: 173592
Ion Ratio Lower Upper
131 100
133 95.0 47.3 141.8
119 66.0 32.6 97.7





#67

Ethyl Benzene

Concen: 50.353 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

ICVVN093020

Tot Ion: 91 Resp: 843973

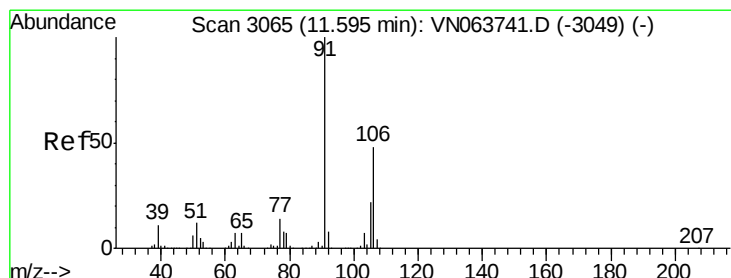
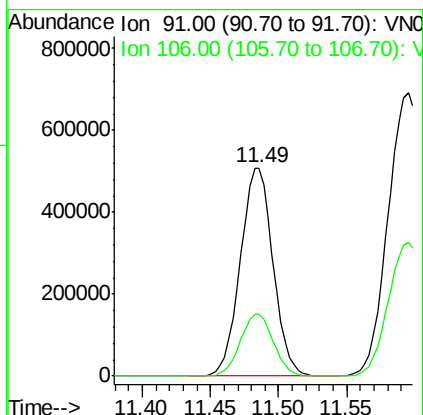
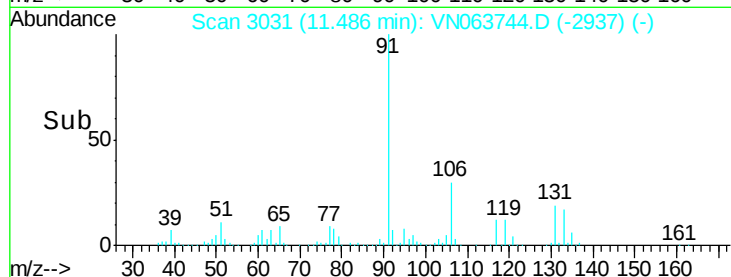
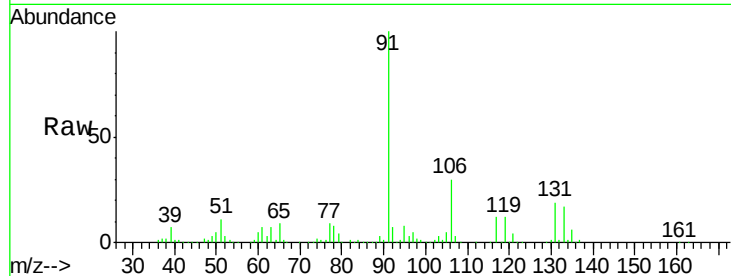
Ion Ratio Lower Upper

91 100

106 29.9 24.2 36.2

Manual Integrations
APPROVED

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10/1/2020 2:40:24 PM



#68

m/p-Xylenes

Concen: 100.344 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063744.D

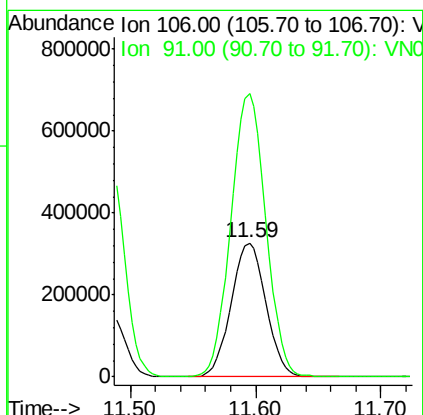
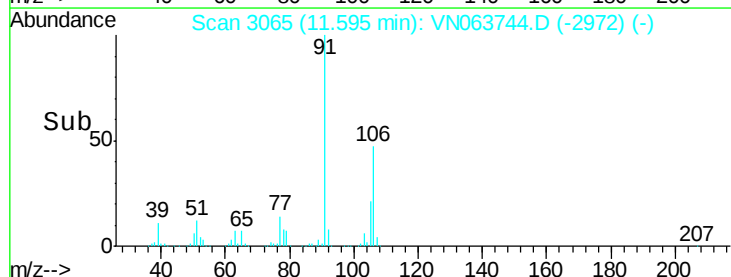
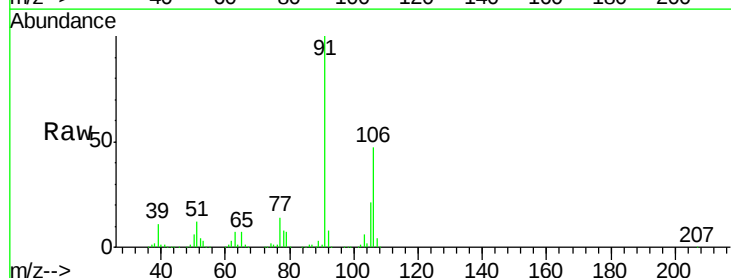
Acq: 30 Sep 2020 12:50

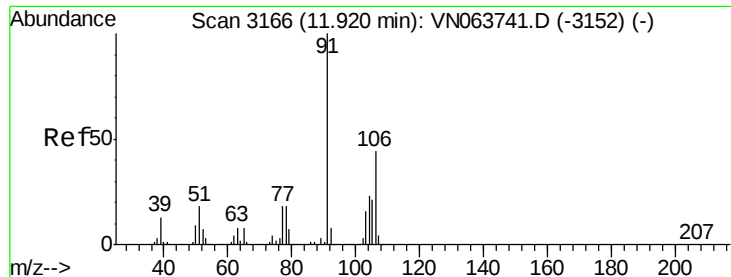
Tgt Ion: 106 Resp: 626835

Ion Ratio Lower Upper

106 100

91 212.6 168.0 252.0





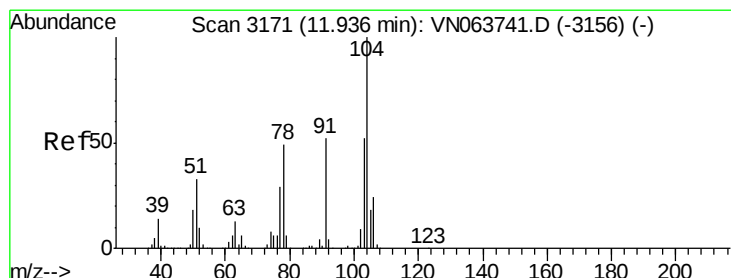
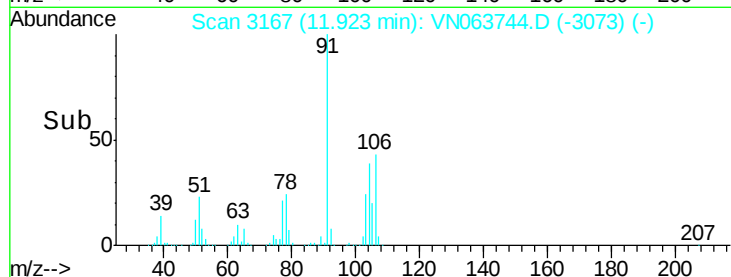
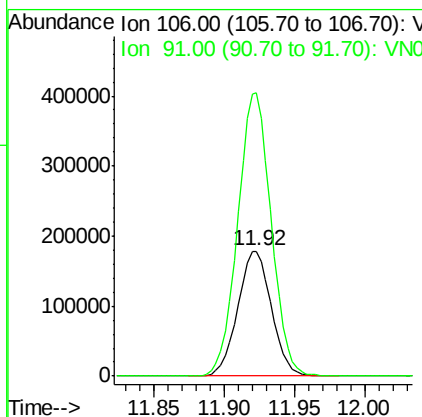
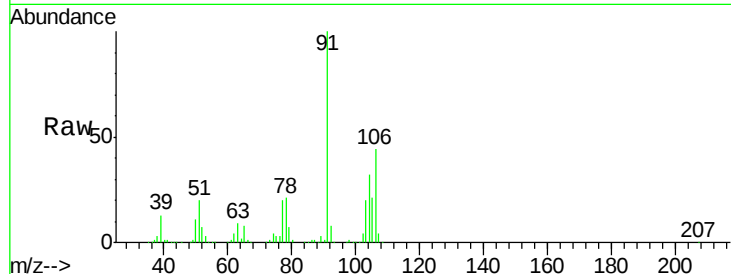
#69
o-Xylene
Concen: 51.226 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		299098		
91	224.7	112.7	338.0		

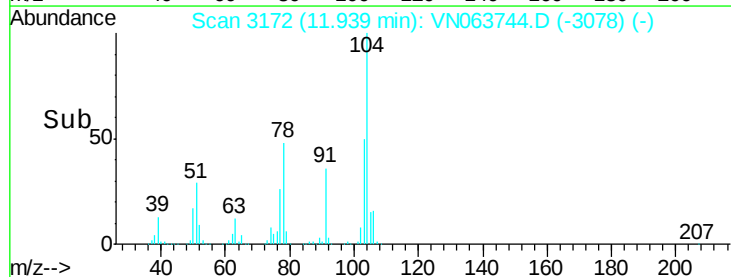
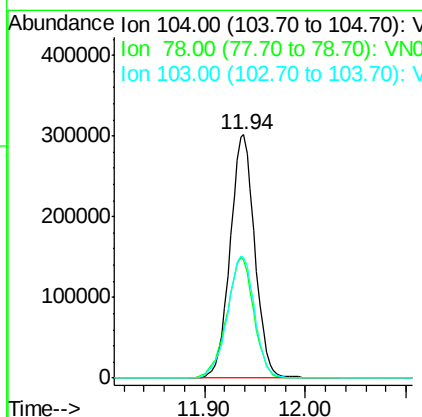
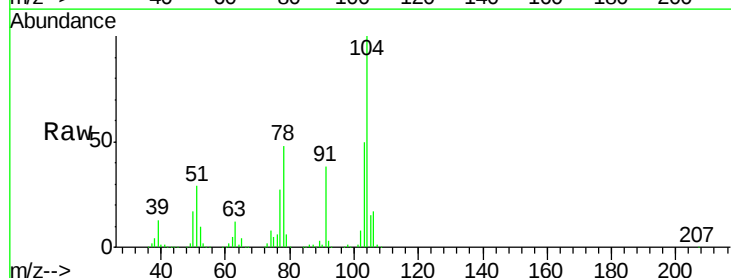
Manual Integrations
APPROVED

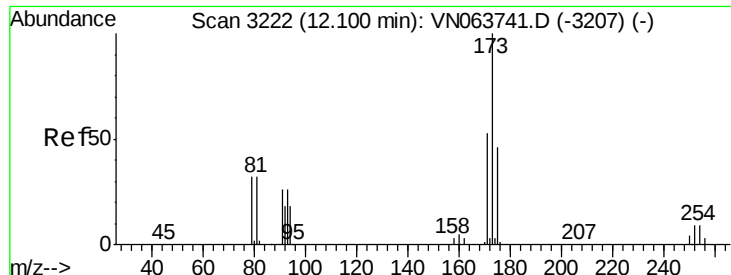
MMDadoda
10/1/2020 2:40:24 PM



#70
Styrene
Concen: 51.851 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		513900		
78	54.1	44.1	66.1		
103	55.0	44.3	66.5		





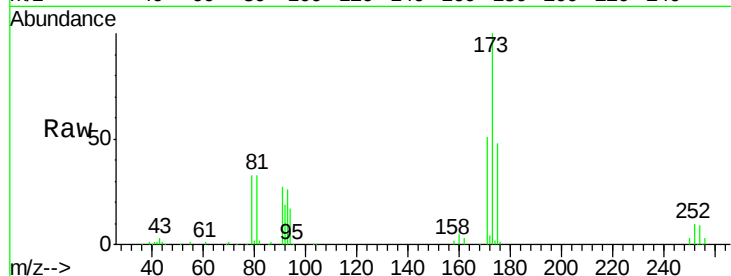
#71
Bromoform
Concen: 49.121 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampled :
ICVVN093020

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.5	70.5
254	0.1	0.0	0.0

Manual Integrations
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10/1/2020 2:40:24 PM

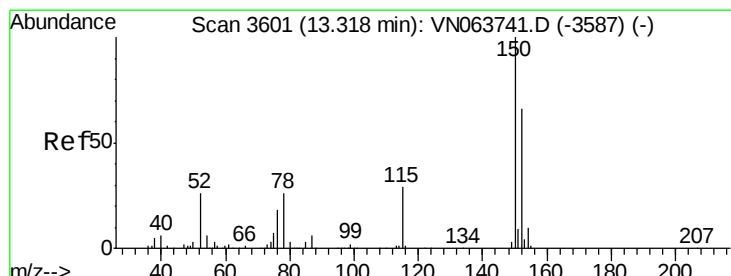
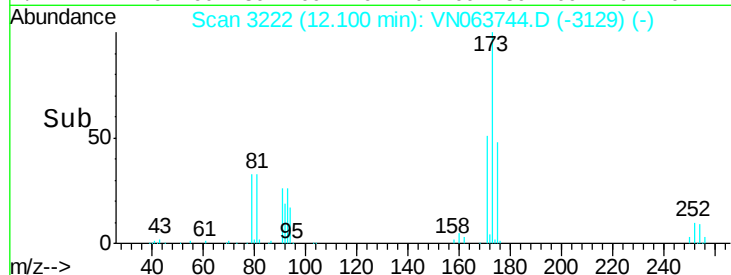
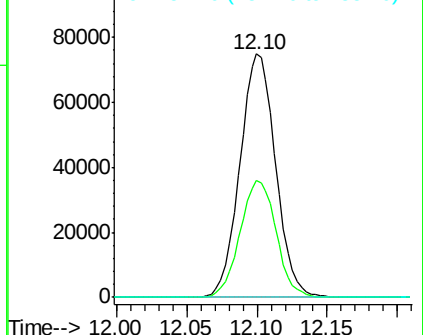


Abundance

Ion 172.70 (172.40 to 173.40): V

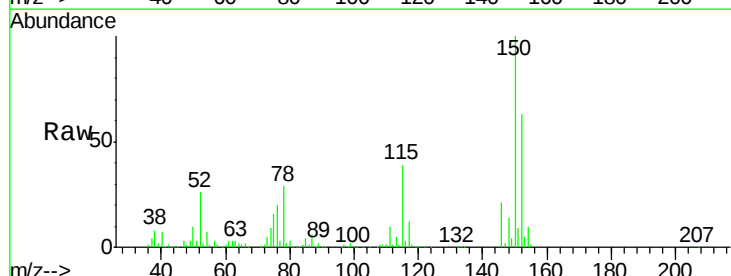
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.3	93.8
150	174.9	0.0	341.8

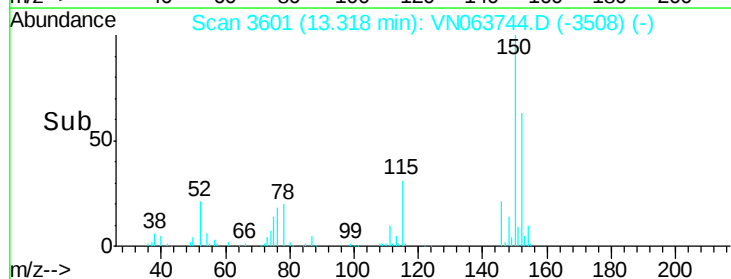
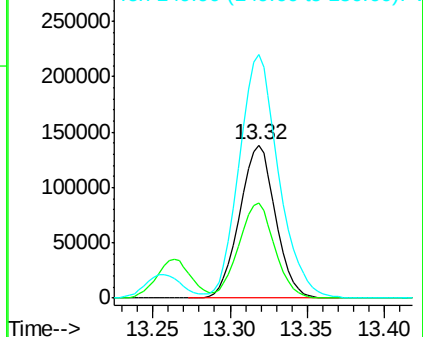


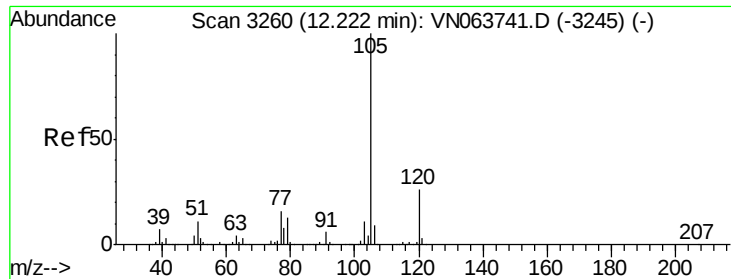
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.320 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

ICVVN093020

Tot Ion: 105 Resp: 817927

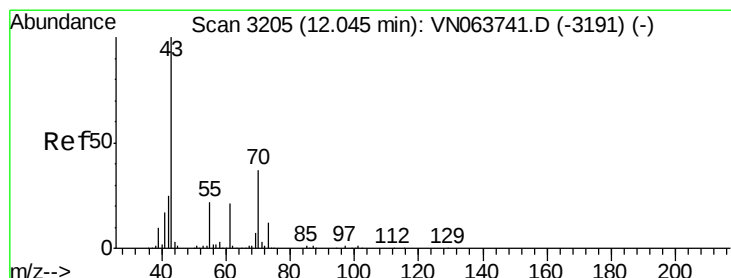
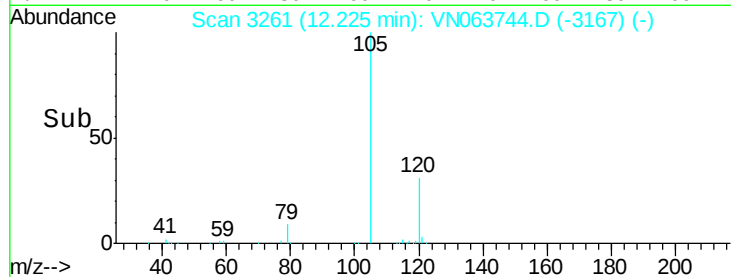
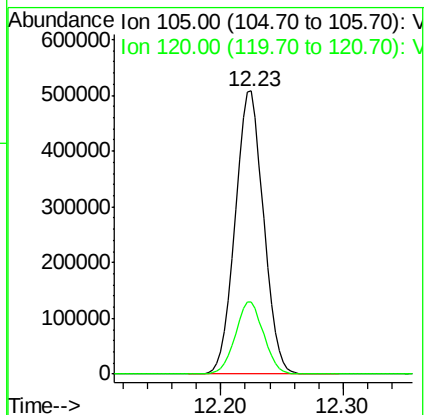
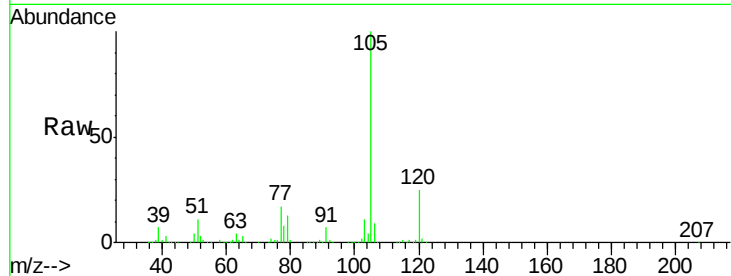
Ion Ratio Lower Upper

105 100

120 25.4 12.6 37.8

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#74

N-ethyl acetate

Concen: 48.535 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion: 43 Resp: 366157

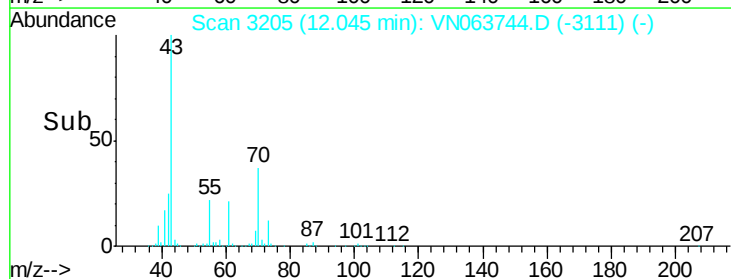
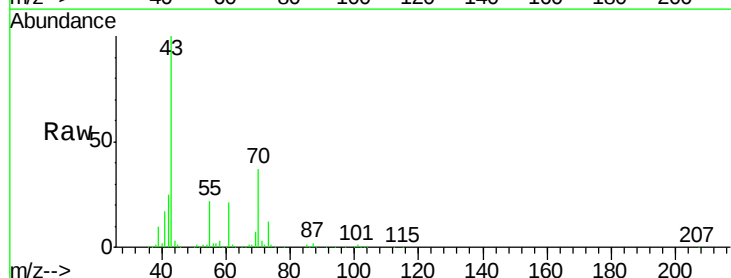
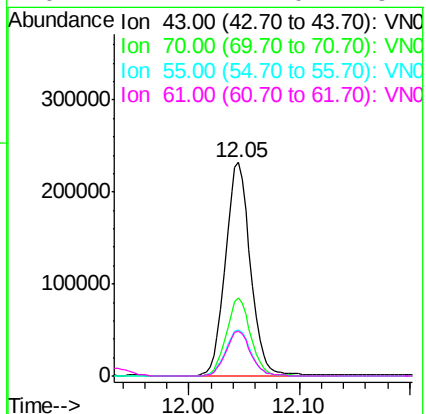
Ion Ratio Lower Upper

43 100

70 35.6 29.8 44.8

55 22.0 17.9 26.9

61 21.1 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.442 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampled :

ICVVN093020

Tot Ion: 83 Resp: 240777
Ion Ratio Lower Upper

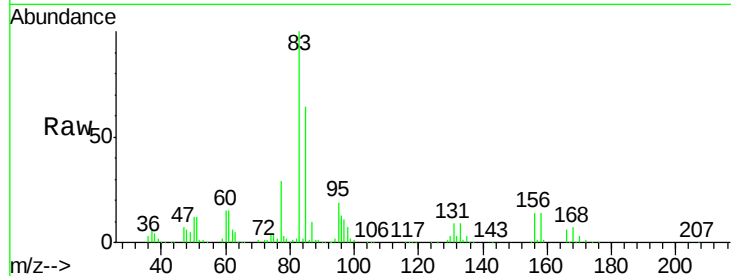
83 100

131 9.5 5.3 15.8

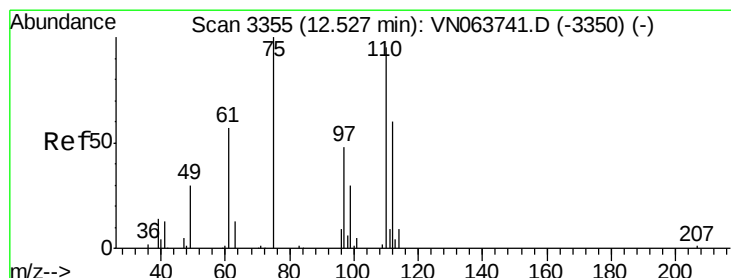
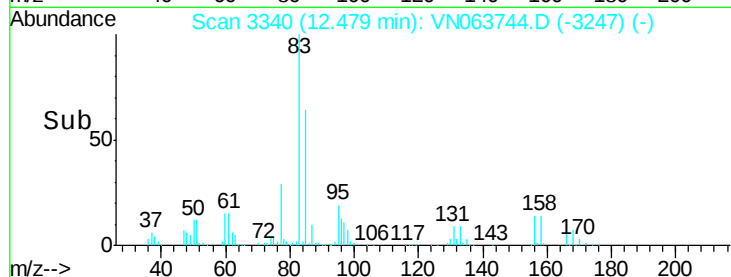
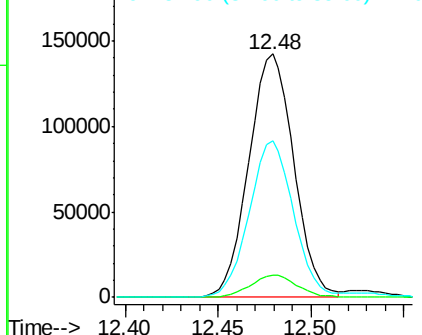
85 63.1 31.3 93.8

Manual Integrations
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10/1/2020 2:40:24 PM



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 46.096 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

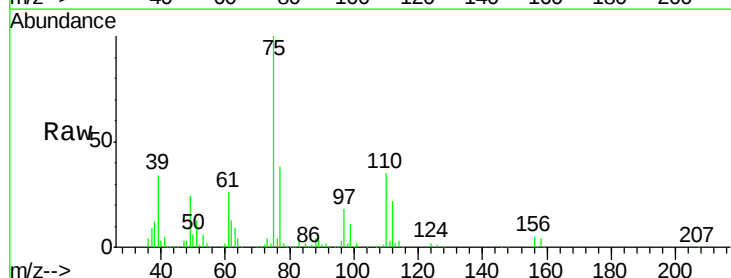
Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

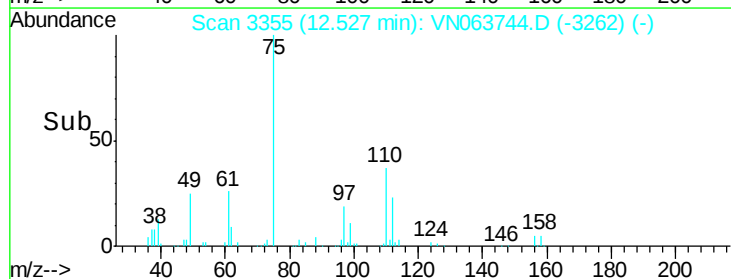
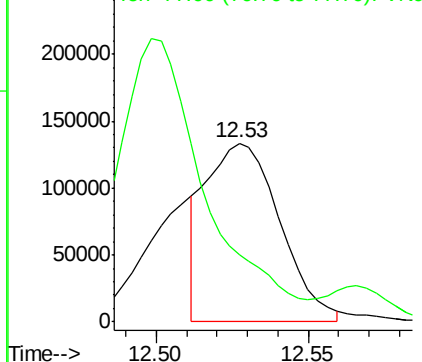
Tgt Ion: 75 Resp: 226442
Ion Ratio Lower Upper

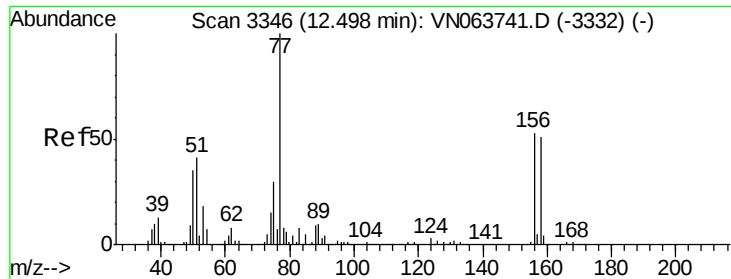
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 49.072 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

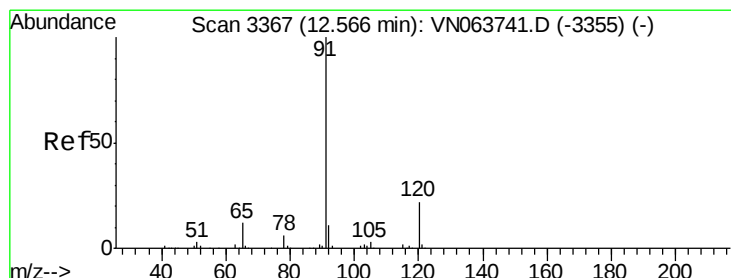
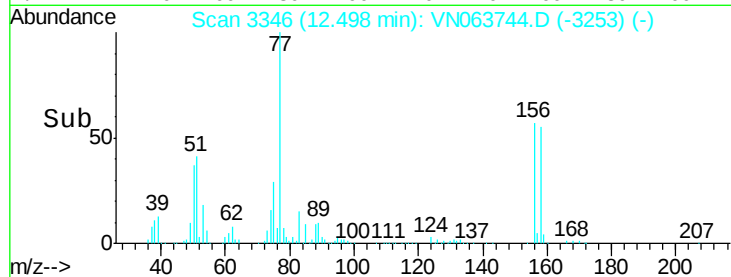
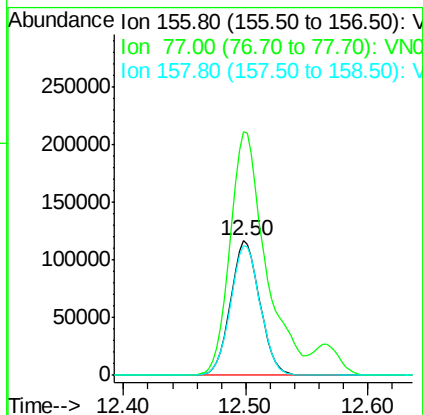
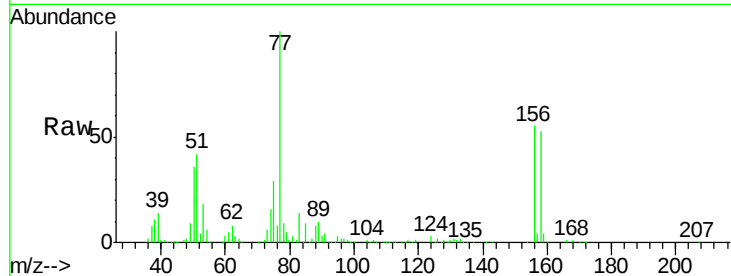
ClientSampled :

ICVVN093020

Tot Ion	Ratio	Lower	Upper
156	100		
77	219.3	110.9	332.7
158	97.6	47.7	143.1

Manual Integrations
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10/1/2020 2:40:24 PM



#78

n-propylbenzene

Concen: 50.436 ug/l

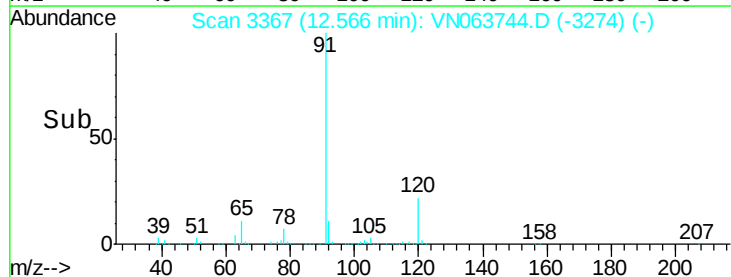
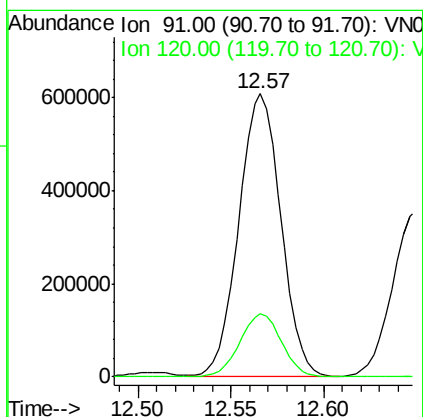
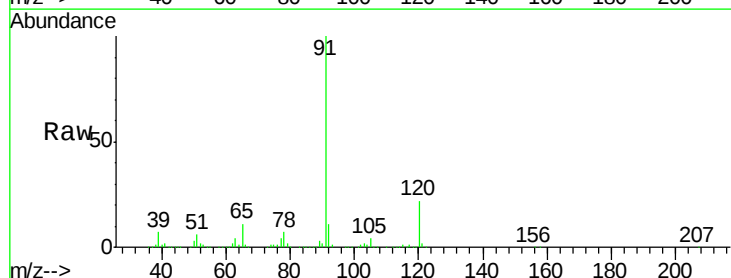
RT: 12.57 min Scan# 3367

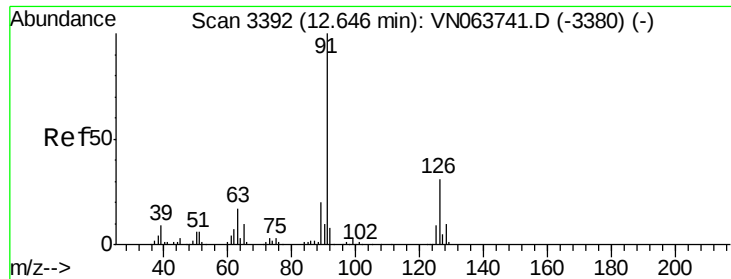
Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	11.1	33.1





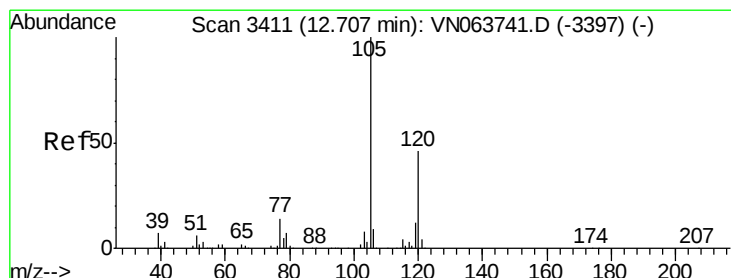
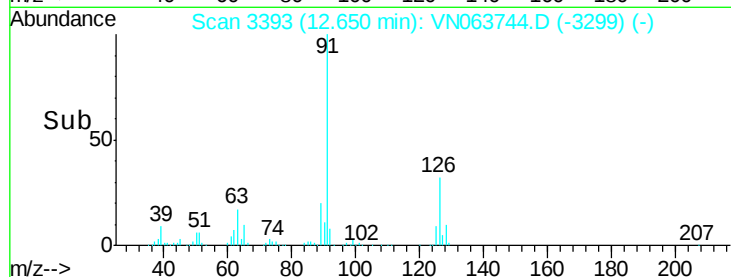
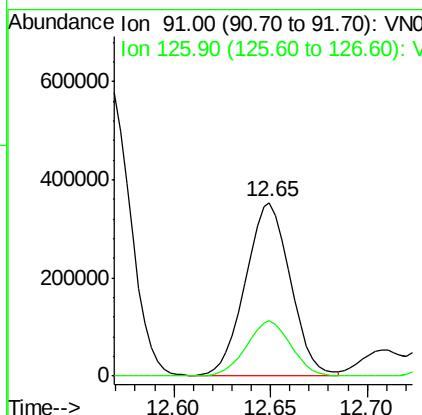
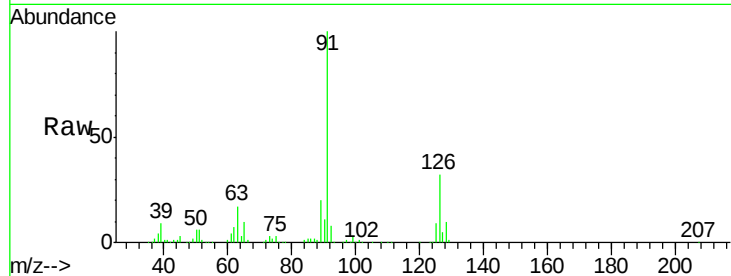
#79
 2-Chlorotoluene
 Concen: 48.798 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Tot Ion: 91 Resp: 567726
 Ion Ratio Lower Upper
 91 100
 126 32.0 15.9 47.7

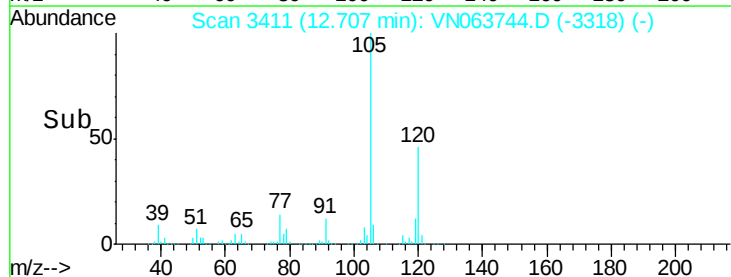
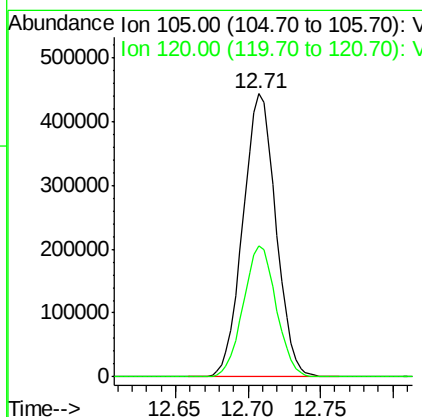
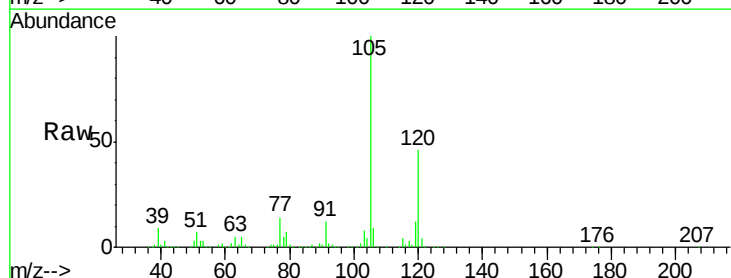
Manual Integrations
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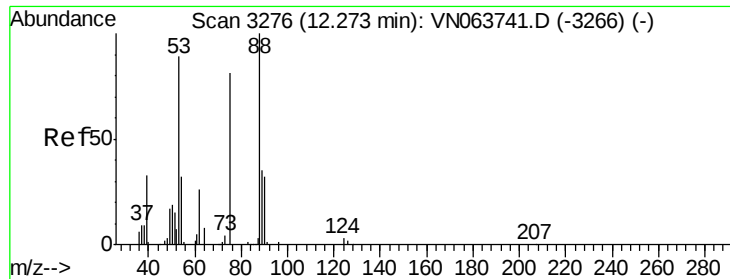
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.324 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion: 105 Resp: 699886
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 51.582 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

ClientSampleId :

ICVVN093020

Tot Ion: 75 Resp: 87979

Ion Ratio Lower Upper

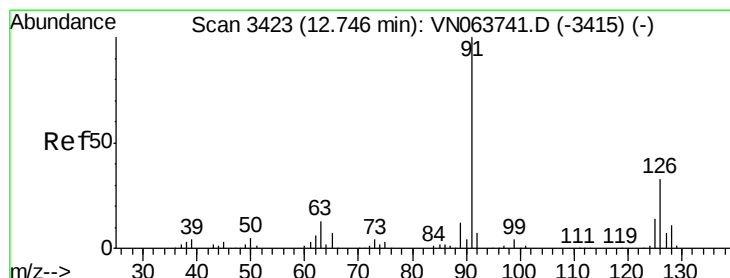
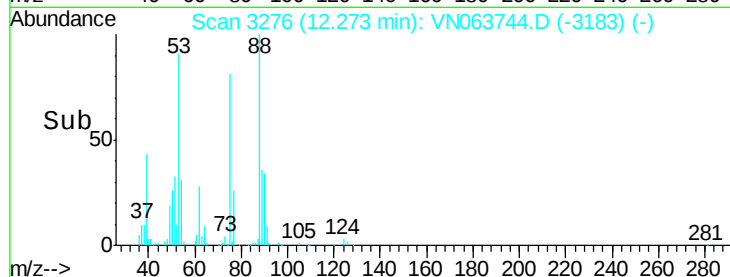
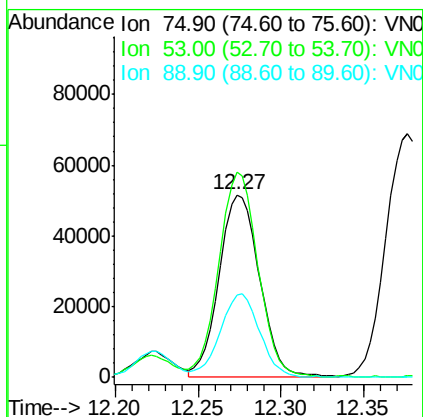
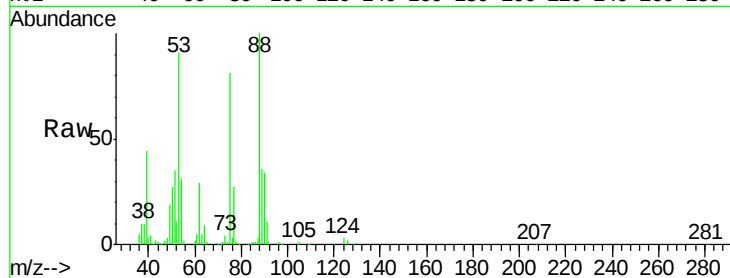
75 100

53 108.0 88.2 132.2

89 43.6 36.0 54.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.087 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN063744.D

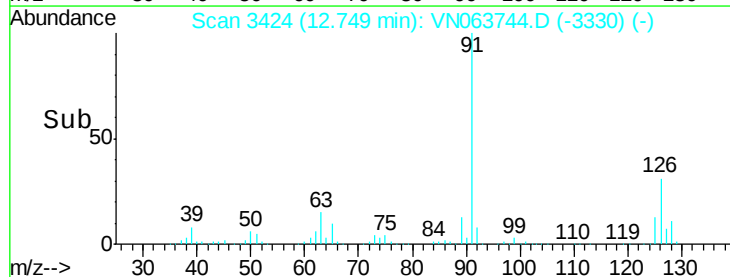
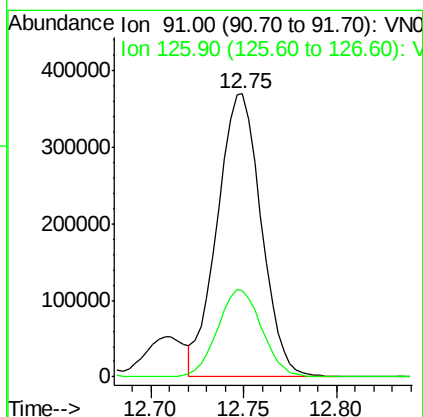
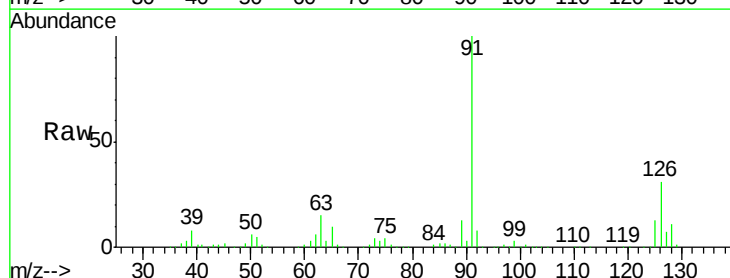
Acq: 30 Sep 2020 12:50

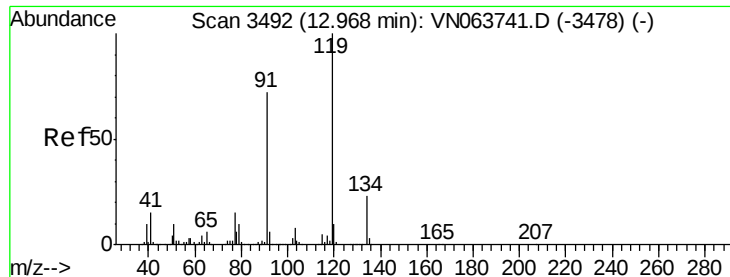
Tgt Ion: 91 Resp: 604926

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.2





#83

tert-Butylbenzene

Concen: 50.341 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

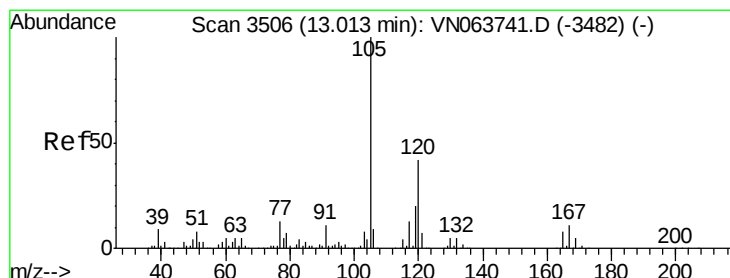
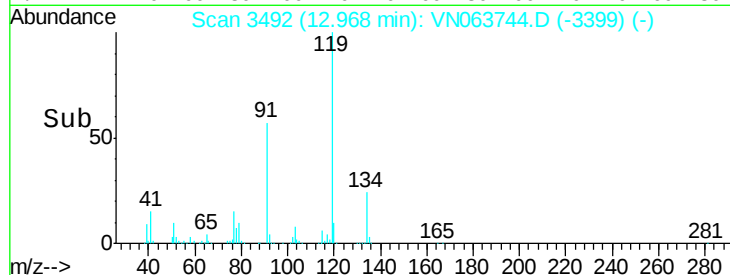
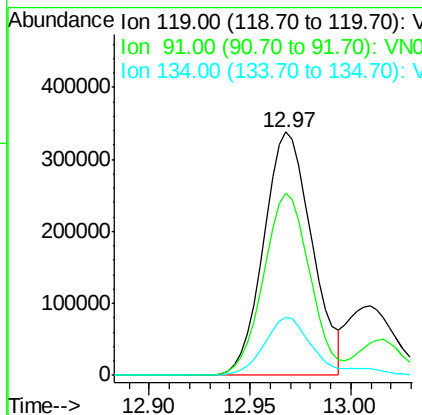
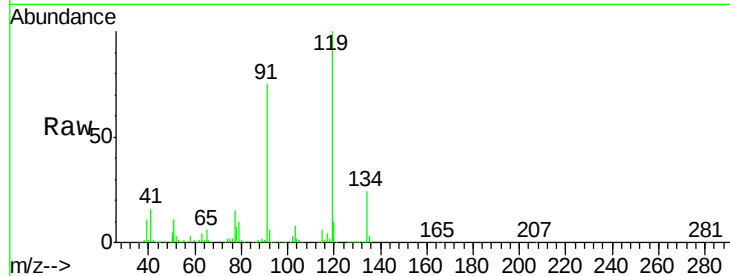
ClientSampleId :

ICVVN093020

Tot Ion:	119	Resp:	561527
Ion Ratio	Lower	Upper	
119	100		
91	72.1	35.5	106.5
134	23.0	11.7	35.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.569 ug/l

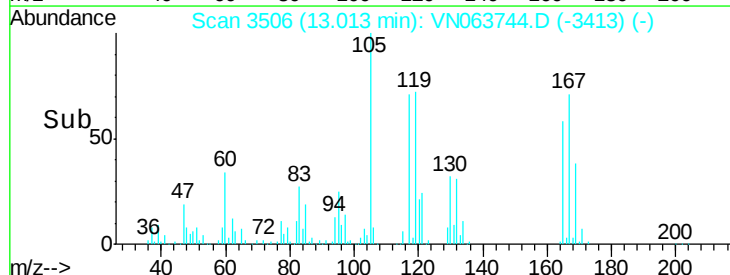
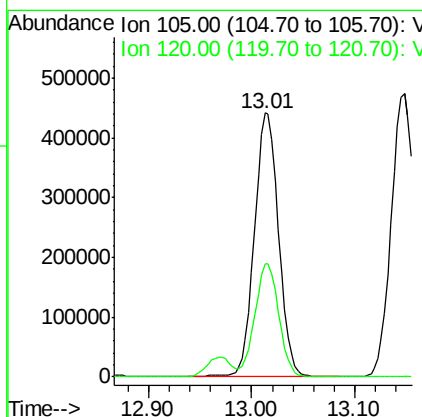
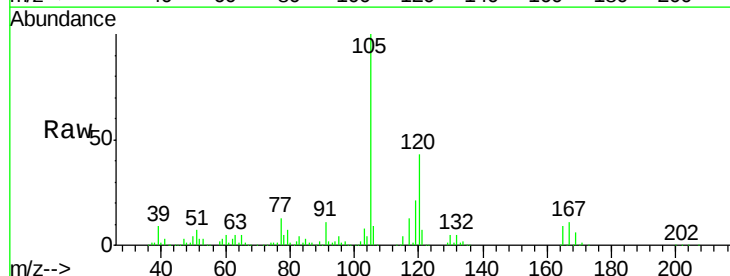
RT: 13.01 min Scan# 3506

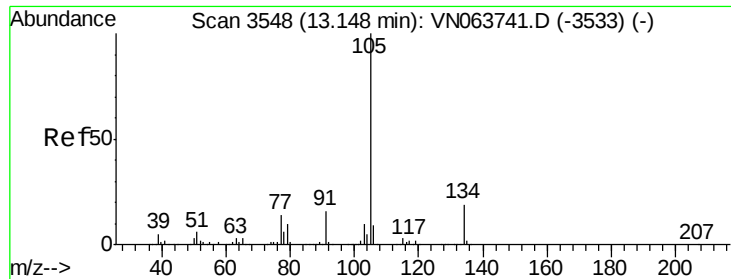
Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion:	105	Resp:	715722
Ion Ratio	Lower	Upper	
105	100		
120	42.2	20.9	62.7





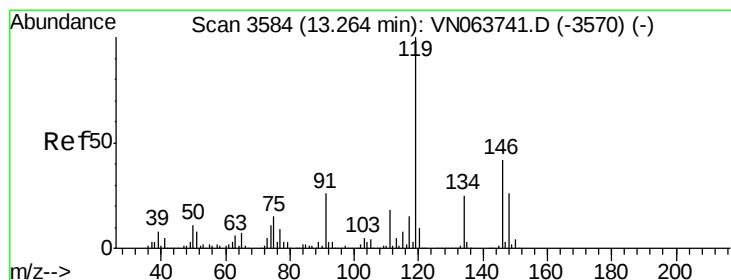
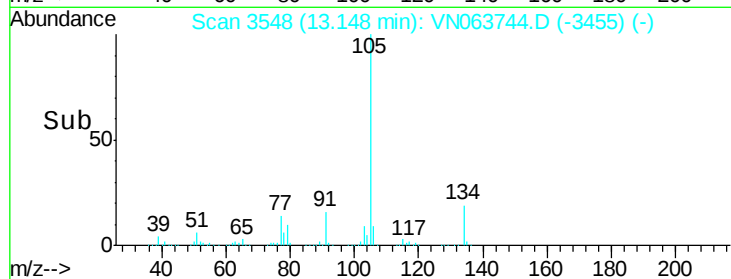
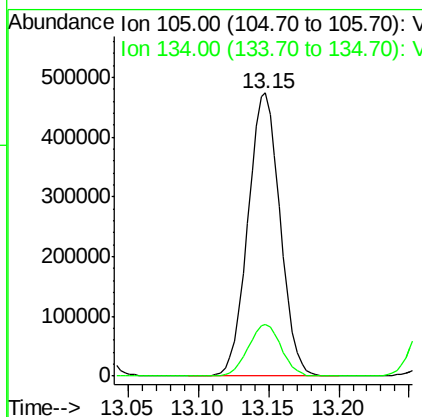
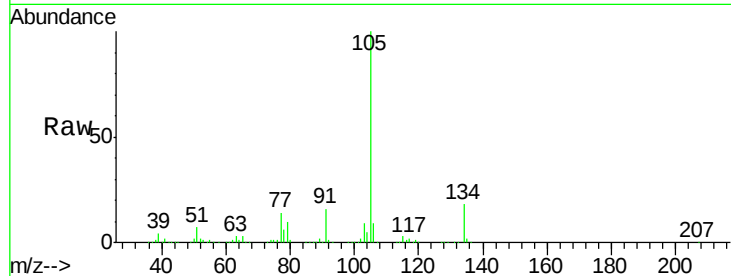
#85
 sec-Butylbenzene
 Concen: 51.505 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN093020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	754584		
134	18.8	9.5	28.5	

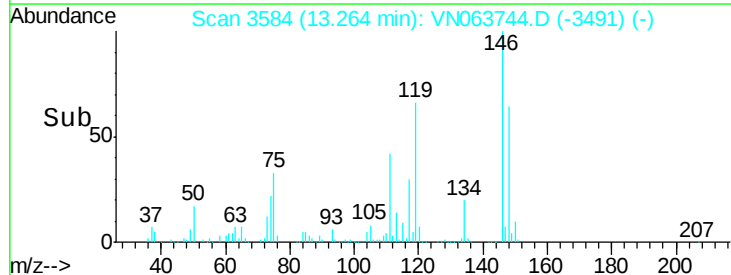
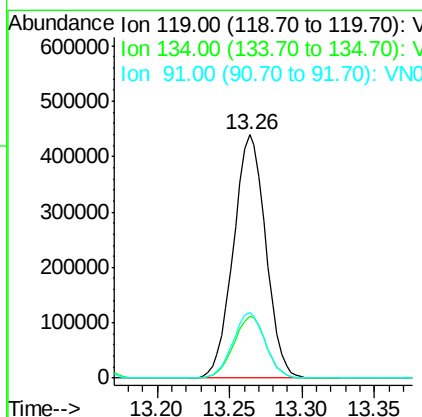
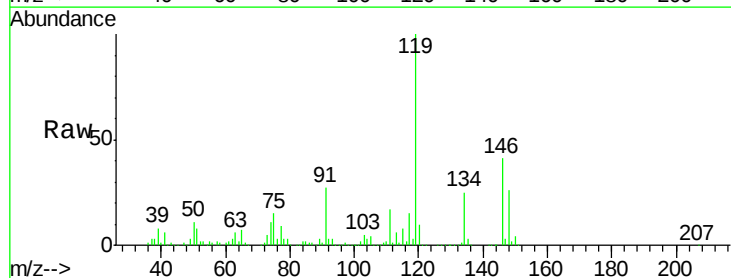
Manual Integrations
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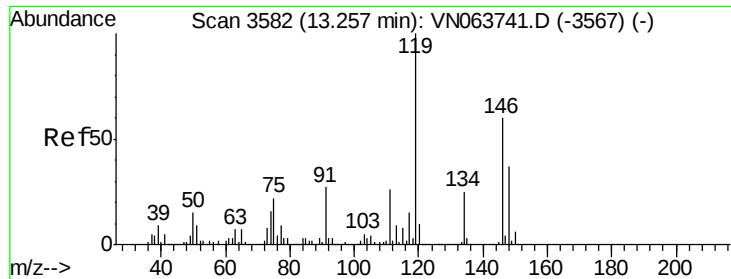
MMDadoda
 10/1/2020 2:40:24 PM



#86
 p-Isopropyltoluene
 Concen: 52.335 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	678308		
134	25.4	12.6	37.8	
91	26.9	13.4	40.2	





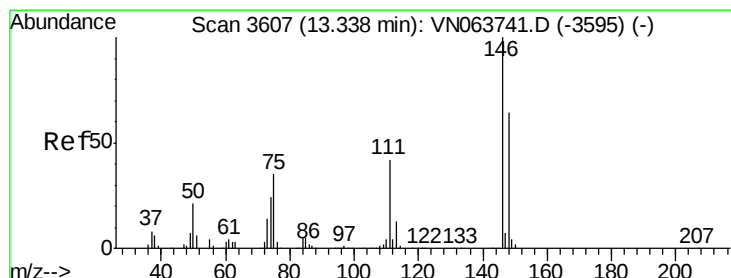
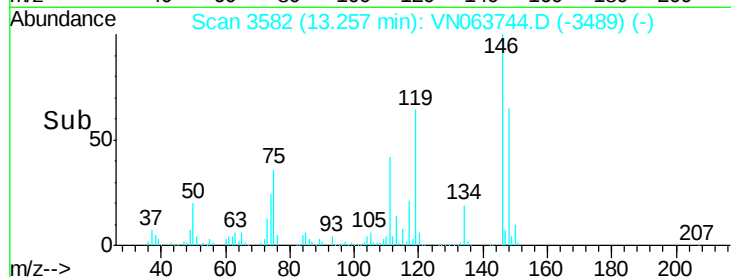
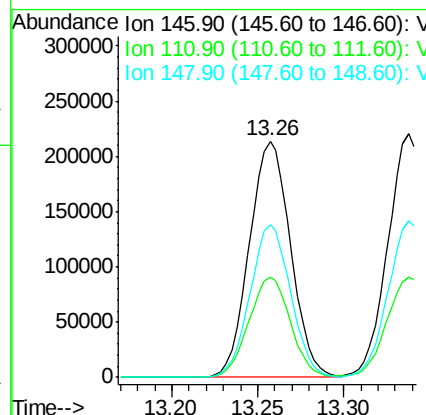
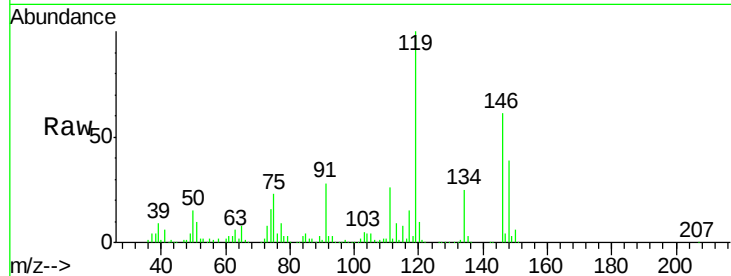
#87
 1,3-Dichlorobenzene
 Concen: 49.325 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN093020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.5	64.5
148	63.5	31.1	93.3

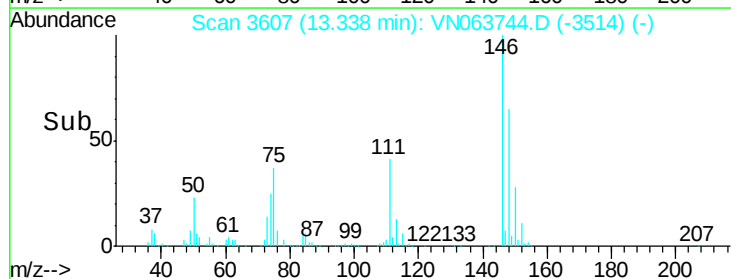
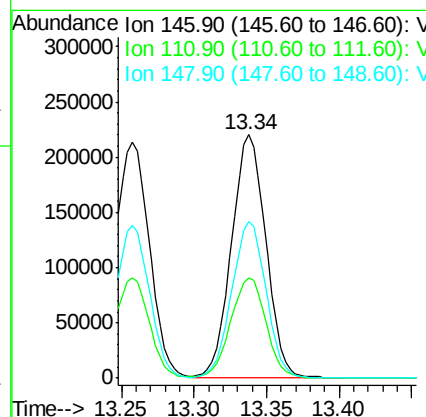
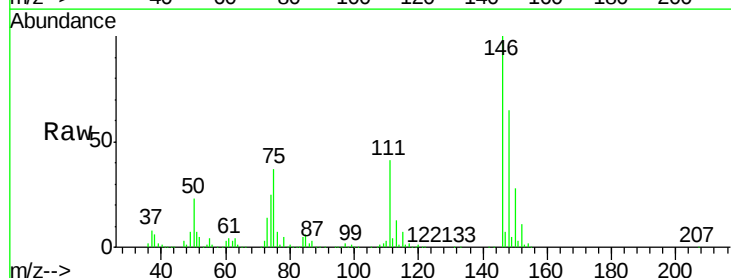
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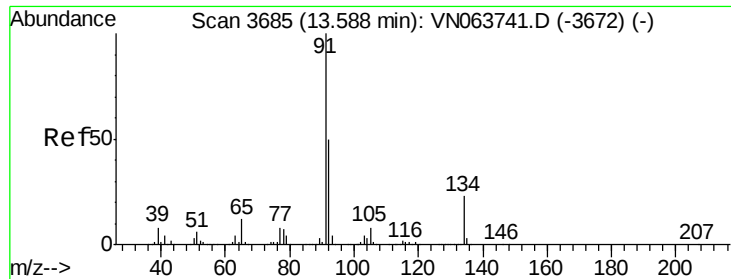
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.218 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.7
148	64.1	32.0	96.0





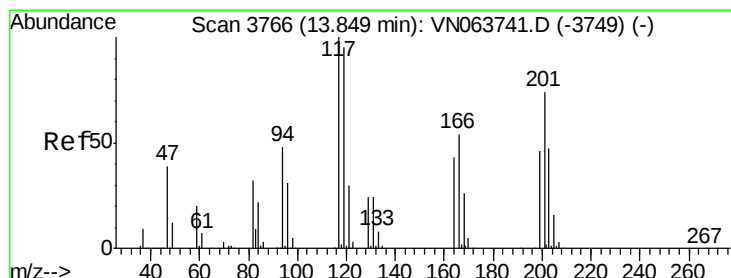
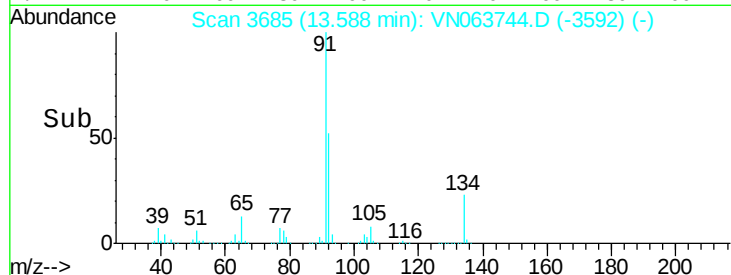
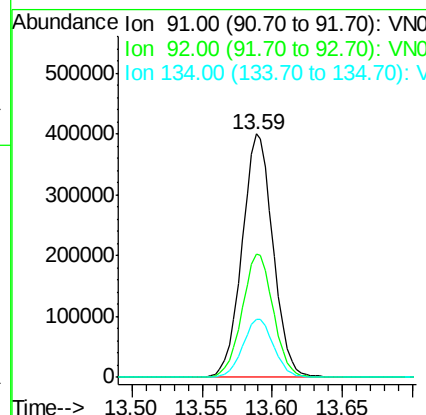
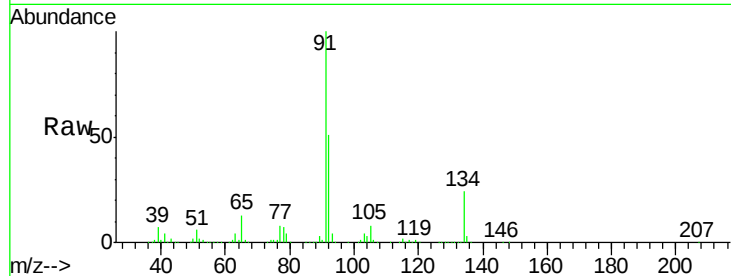
#89
n-Butylbenzene
Concen: 51.418 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Instrument :
MSVOA_N
ClientSampleId :
ICVVN093020

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.8	25.4	76.4
134	23.8	11.7	35.1

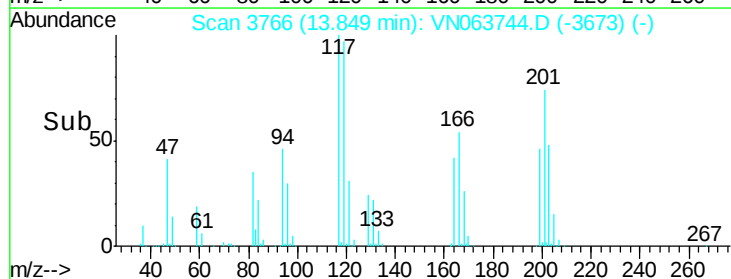
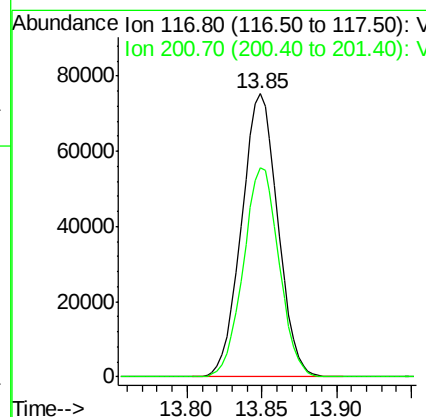
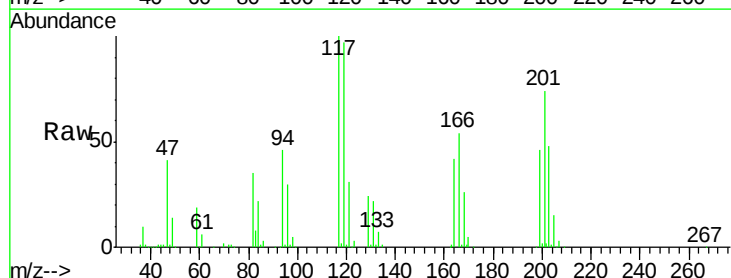
Manual Integrations
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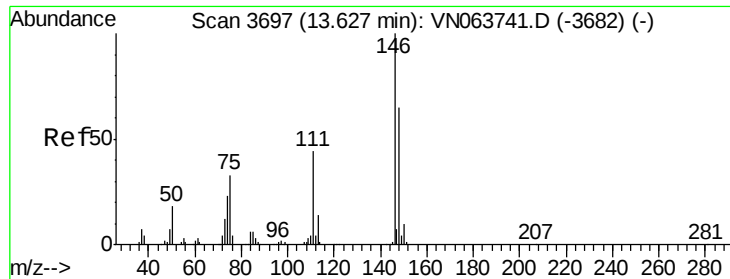
MMDadoda
10/1/2020 2:40:24 PM



#90
Hexachloroethane
Concen: 50.533 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063744.D
Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.9	36.0	108.0





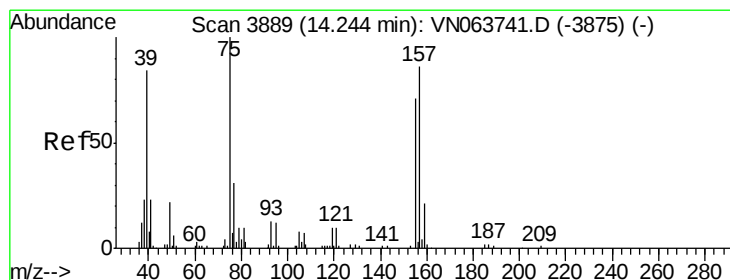
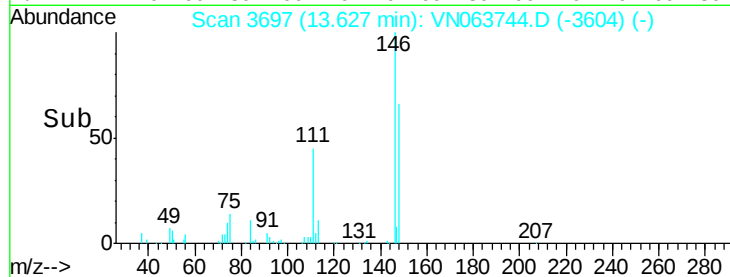
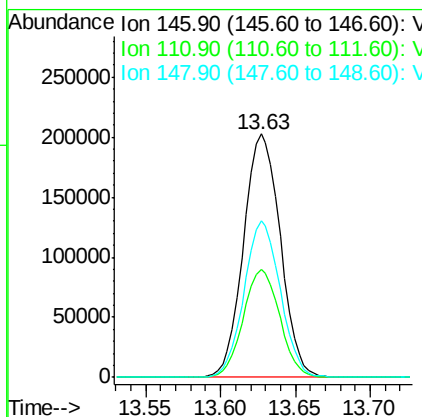
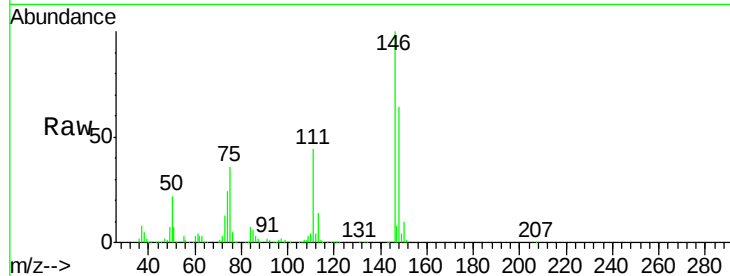
#91
 1,2-Dichlorobenzene
 Concen: 48.756 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.2	66.6
148	63.4	32.5	97.4

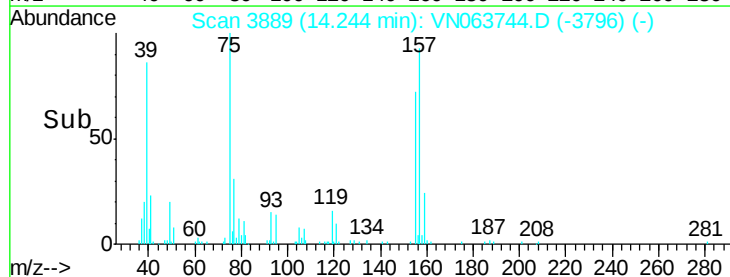
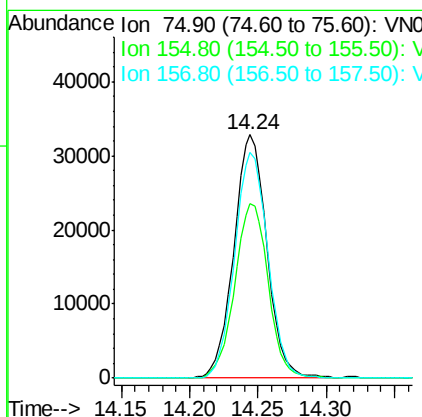
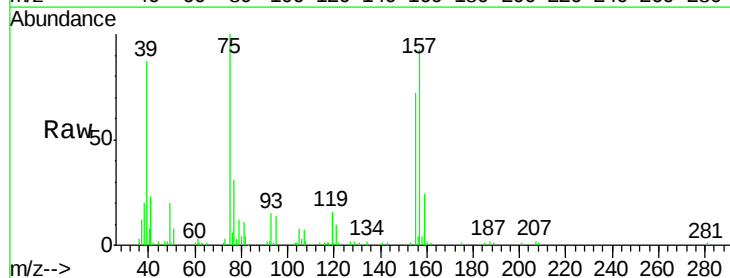
Manual Integrations
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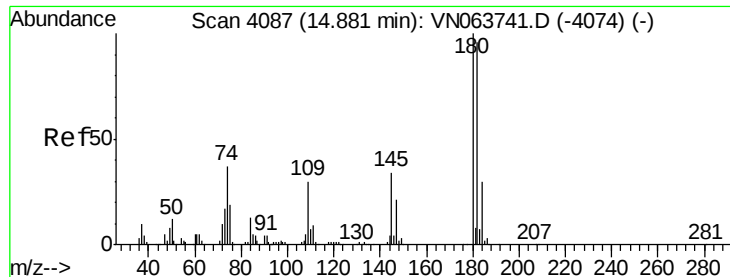
MMDadoda
 10/1/2020 2:40:24 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.406 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.5	34.8	104.5
157	93.4	43.7	131.1





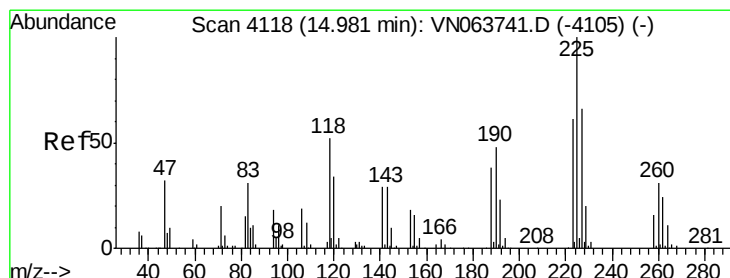
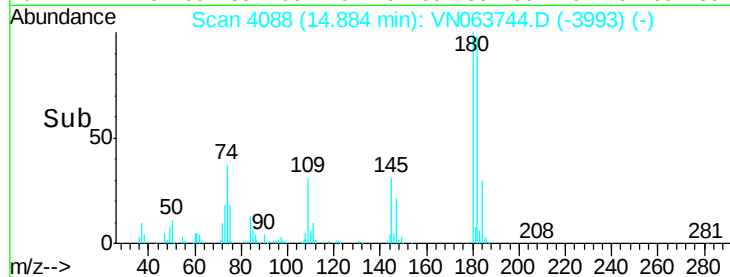
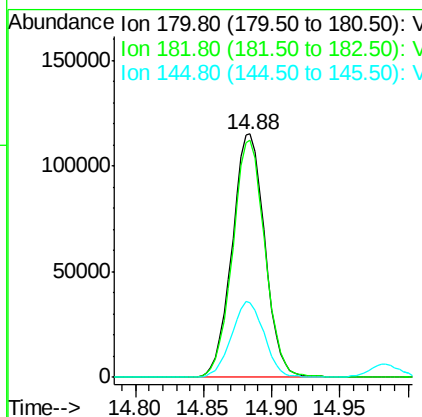
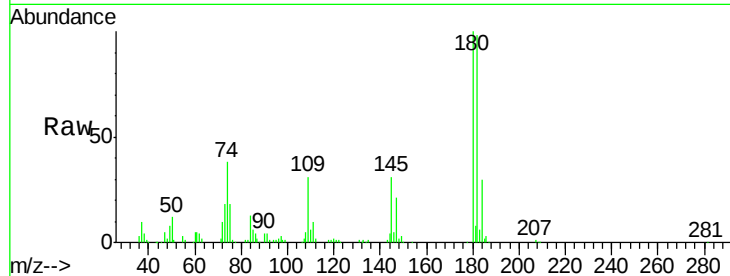
#93
 1,2,4-Trichlorobenzene
 Concen: 49.451 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN093020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	192099		
182	96.1	48.2	144.6	
145	31.2	17.1	51.2	

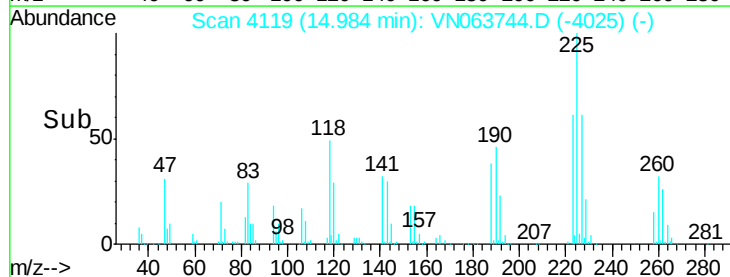
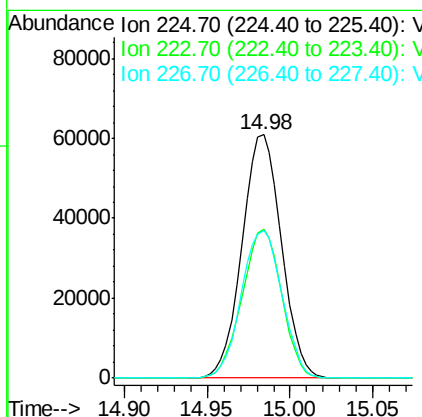
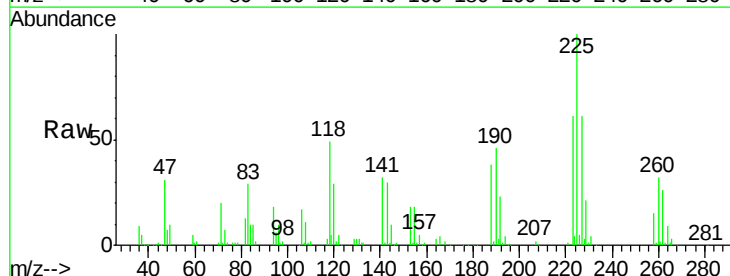
Manual Integrations
 APPROVED

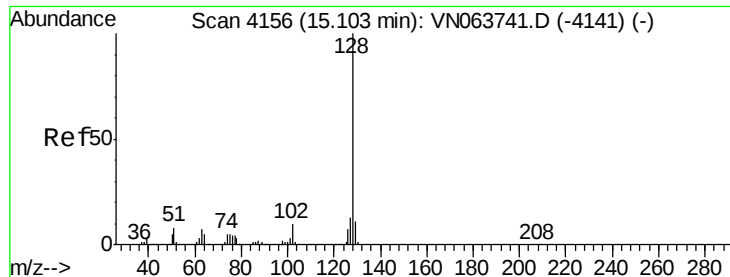
MMDadoda
 10/1/2020 2:40:24 PM



#94
 Hexachlorobutadiene
 Concen: 51.959 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063744.D
 Acq: 30 Sep 2020 12:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	100690		
223	61.3	30.3	91.0	
227	62.6	31.9	95.5	





#95

Naphthalene

Concen: 47.735 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Instrument :

MSVOA_N

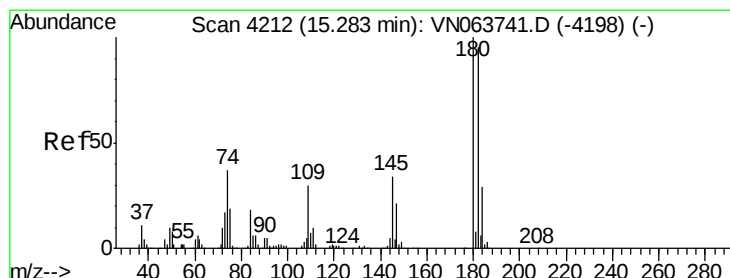
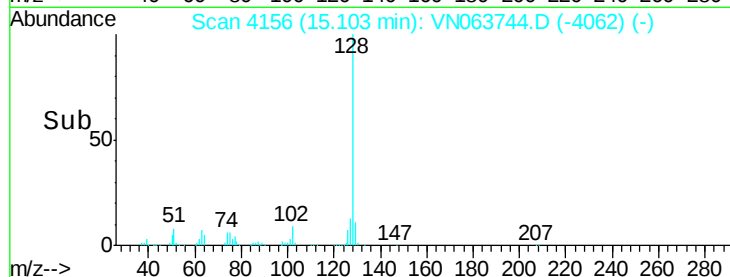
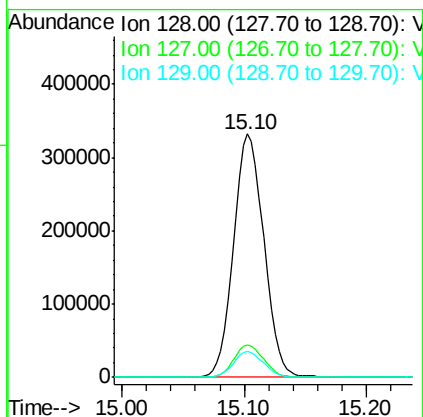
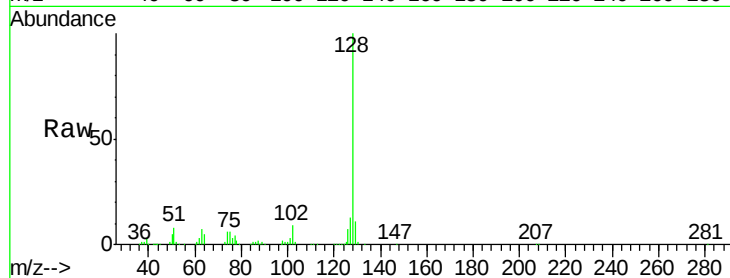
ClientSampled :

ICVVN093020

Tot Ion:	128	Resp:	572894
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/1/2020 2:40:24 PM



#96

1,2,3-Trichlorobenzene

Concen: 48.576 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN063744.D

Acq: 30 Sep 2020 12:50

Tgt Ion:	180	Resp:	182918
Ion Ratio	Lower	Upper	
180	100		
182	94.4	47.9	143.6
145	34.1	17.2	51.5

