

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
 Data File : VN064140.D
 Acq On : 15 Oct 2020 13:55
 Operator : JC/MD
 Sample : VN1015WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Manual Integrations
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 10/19/2020 11:26:01 AM

Quant Time: Oct 16 02:50:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 15 01:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	335834	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	540250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	526316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	235296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	233757	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
35) Dibromofluoromethane	7.55	113	188461	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.06	98	689700	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	
62) 4-Bromofluorobenzene	12.38	95	232952	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	59926	18.939	ug/l	97
3) Chloromethane	2.04	50	71810	18.221	ug/l	99
4) Vinyl Chloride	2.16	62	88165	17.972	ug/l	98
5) Bromomethane	2.54	94	69435	18.861	ug/l	95
6) Chloroethane	2.68	64	68653	17.603	ug/l	96
7) Trichlorofluoromethane	2.99	101	123939	18.369	ug/l	98
8) Diethyl Ether	3.37	74	38907	18.431	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	65507	19.777	ug/l	98
10) Methyl Iodide	3.91	142	82714	17.713	ug/l	100
11) Tert butyl alcohol	4.72	59	49958	94.334	ug/l	98
12) 1,1-Dichloroethene	3.70	96	60647	18.131	ug/l	96
13) Acrolein	3.57	56	47993	110.332	ug/l	98
14) Allyl chloride	4.28	41	84985	16.284	ug/l	92
15) Acrylonitrile	4.93	53	143688	94.496	ug/l	97
16) Acetone	3.77	43	131834	92.925	ug/l	97
17) Carbon Disulfide	4.01	76	171784	17.968	ug/l	100
18) Methyl Acetate	4.28	43	66864	18.788	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	184356	18.686	ug/l	99
20) Methylene Chloride	4.51	84	80619	18.365	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	71704	18.908	ug/l	97
22) Diisopropyl ether	5.90	45	193529	19.088	ug/l #	90
23) Vinyl Acetate	5.84	43	865691	95.590	ug/l	99
24) 1,1-Dichloroethane	5.80	63	132778	18.754	ug/l	99
25) 2-Butanone	6.78	43	199455	91.404	ug/l	97
26) 2,2-Dichloropropane	6.78	77	109017	18.507	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	80549	18.056	ug/l	98
28) Bromochloromethane	7.15	49	59763	17.722	ug/l #	99
29) Tetrahydrofuran	7.16	42	116287	91.183	ug/l	98
30) Chloroform	7.33	83	144544	19.164	ug/l	100
31) Cyclohexane	7.62	56	91741	17.351	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	121348	18.618	ug/l	98
36) 1,1-Dichloropropene	7.75	75	96013	18.438	ug/l	98
37) Ethyl Acetate	6.88	43	89043	19.268	ug/l	98
38) Carbon Tetrachloride	7.73	117	105452	18.833	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	80404	18.366	ug/l	97
40) Benzene	8.00	78	306848	19.459	ug/l	99
41) Methacrylonitrile	7.12	41	32725m	16.356	ug/l	
42) 1,2-Dichloroethane	8.08	62	113973	20.313	ug/l	99
43) Isopropyl Acetate	8.13	43	146760	19.137	ug/l	99
44) Trichloroethene	8.80	130	79645	19.207	ug/l	96
45) 1,2-Dichloropropane	9.08	63	83008	20.091	ug/l	98
46) Dibromomethane	9.17	93	57634	19.662	ug/l	99
47) Bromodichloromethane	9.37	83	114397	19.948	ug/l	99
48) Methyl methacrylate	9.16	41	65090	18.375	ug/l	96
49) 1,4-Dioxane	9.16	88	21037	391.098	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	452478	99.712	ug/l	99
52) Toluene	10.12	92	191162	19.729	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	116423	19.786	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	127925	19.786	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	80586	20.076	ug/l	96
56) Ethyl methacrylate	10.40	69	99171	18.566	ug/l	98
57) 1,3-Dichloropropane	10.68	76	130815	19.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	253241	93.650	ug/l	98
59) 2-Hexanone	10.72	43	314708	94.106	ug/l	98
60) Dibromochloromethane	10.87	129	86208	19.119	ug/l	97
61) 1,2-Dibromoethane	10.98	107	82645	20.228	ug/l	99
64) Tetrachloroethene	10.60	164	76288	19.225	ug/l	98
65) Chlorobenzene	11.41	112	206669	18.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	80377	19.101	ug/l	98
67) Ethyl Benzene	11.48	91	345969	18.634	ug/l	98
68) m/p-Xylenes	11.60	106	266524	36.251	ug/l	100
69) o-Xylene	11.92	106	125077	18.120	ug/l	100
70) Styrene	11.94	104	211059	18.068	ug/l	99
71) Bromoform	12.10	173	59327	18.490	ug/l #	98
73) Isopropylbenzene	12.22	105	324261	19.025	ug/l	99
74) N-amyl acetate	12.05	43	115038	18.023	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	110024	18.750	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	97887m	17.733	ug/l	
77) Bromobenzene	12.50	156	89773	19.402	ug/l	95
78) n-propylbenzene	12.57	91	367281	19.307	ug/l	99
79) 2-Chlorotoluene	12.65	91	229500	18.969	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	266916	19.511	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	33405	18.488	ug/l	98
82) 4-Chlorotoluene	12.75	91	237337	19.464	ug/l	99
83) tert-Butylbenzene	12.97	119	213392	18.861	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	268859	18.970	ug/l	99
85) sec-Butylbenzene	13.14	105	286698	19.712	ug/l	100
86) p-Isopropyltoluene	13.26	119	249080	18.528	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	150049	19.463	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	149926	19.014	ug/l	99
89) n-Butylbenzene	13.59	91	199790	18.851	ug/l	96
90) Hexachloroethane	13.85	117	45330	18.727	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	149478	19.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	20304	17.978	ug/l	98

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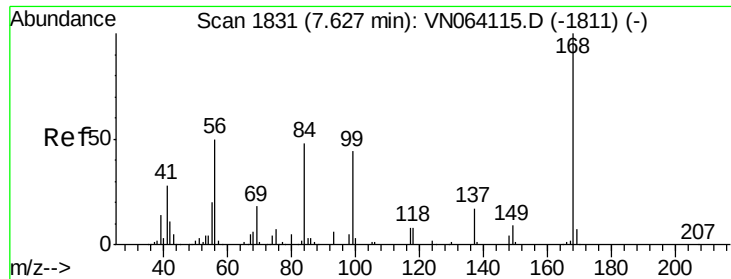
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	59808	18.044	ug/l	99
94) Hexachlorobutadiene	14.98	225	36468	19.950	ug/l	98
95) Naphthalene	15.10	128	167859	17.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	61274	18.209	ug/l	98

(#) = 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: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion:168 Resp: 335834

Ion Ratio Lower Upper

168 100

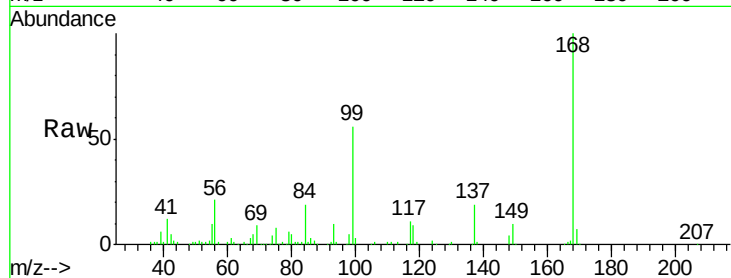
99 56.3 43.6 65.4

Manual Integrations

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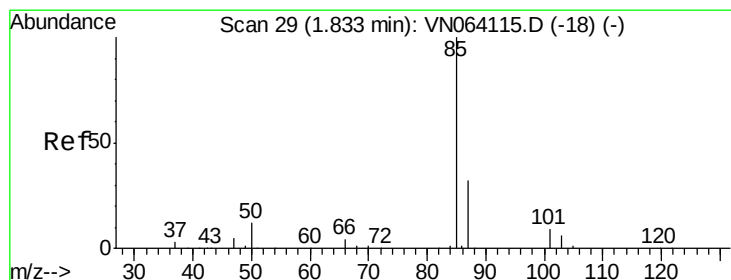
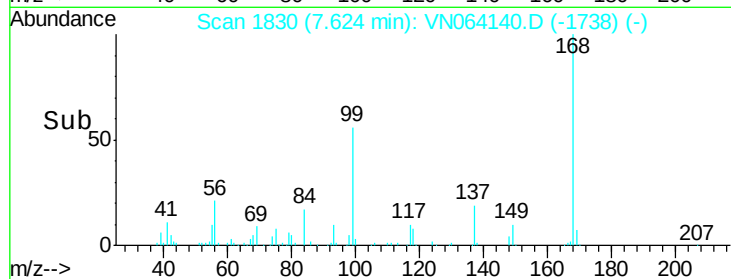
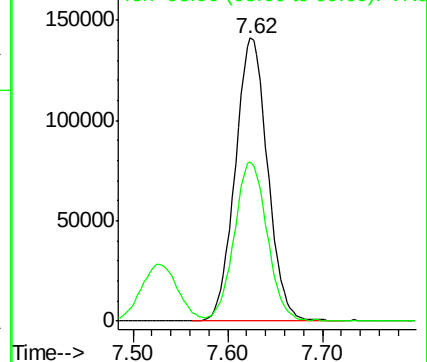
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.939 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064140.D

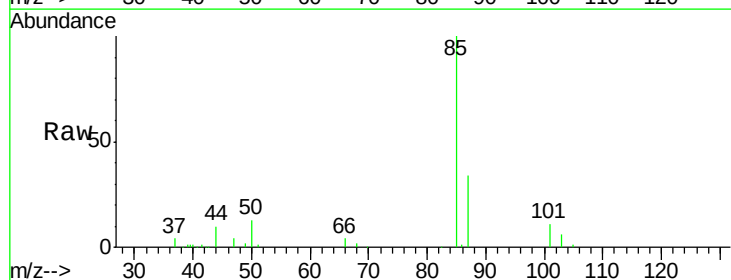
Acq: 15 Oct 2020 13:55

Tgt Ion: 85 Resp: 59926

Ion Ratio Lower Upper

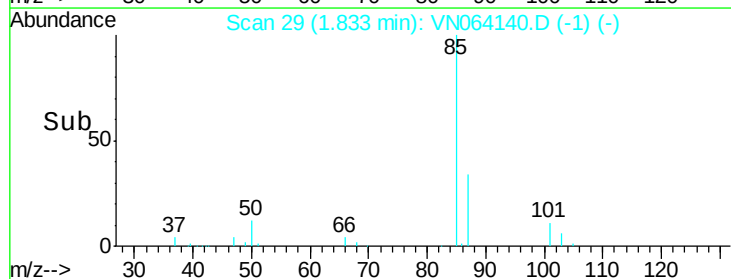
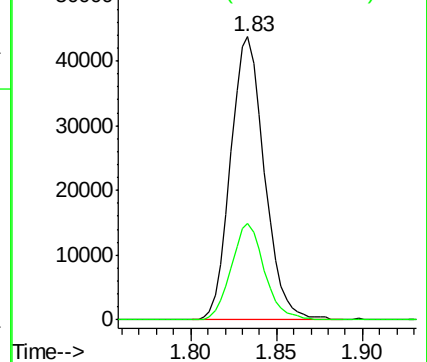
85 100

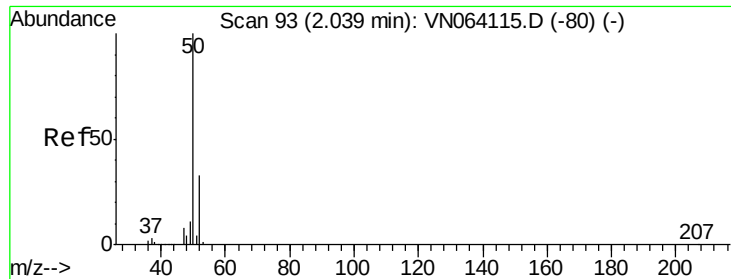
87 34.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.221 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion: 50 Resp: 71810

Ion Ratio Lower Upper

50 100

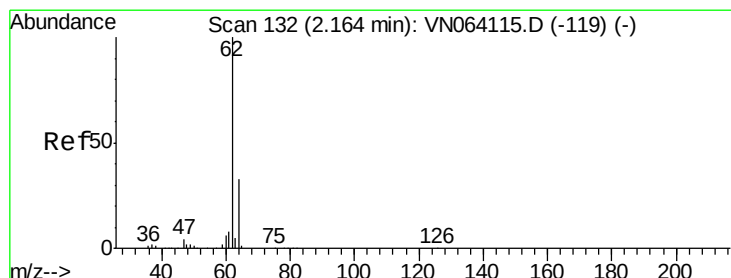
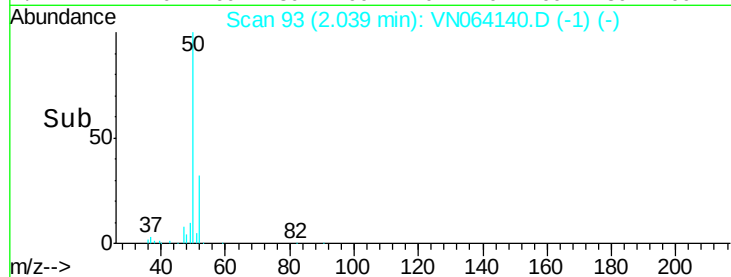
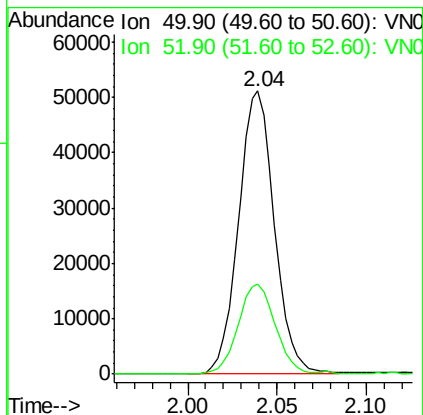
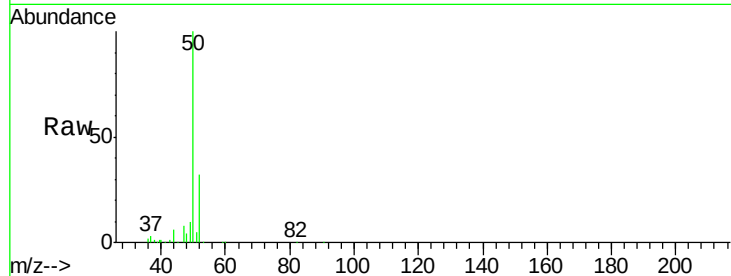
52 31.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 17.972 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064140.D

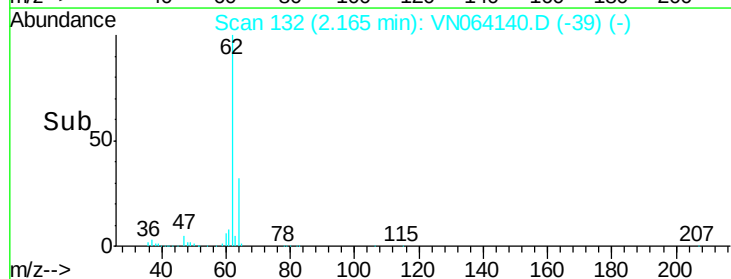
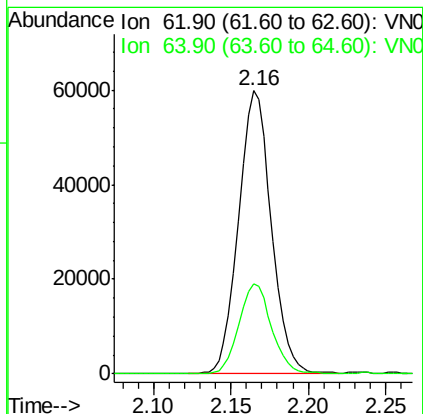
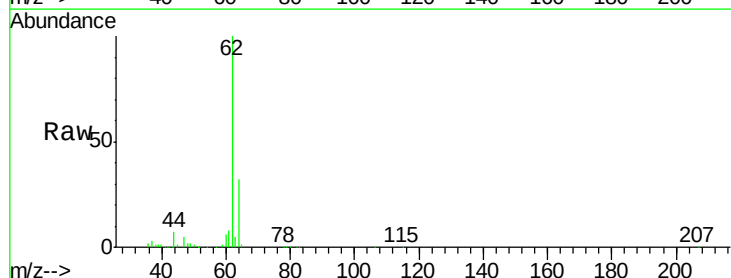
Acq: 15 Oct 2020 13:55

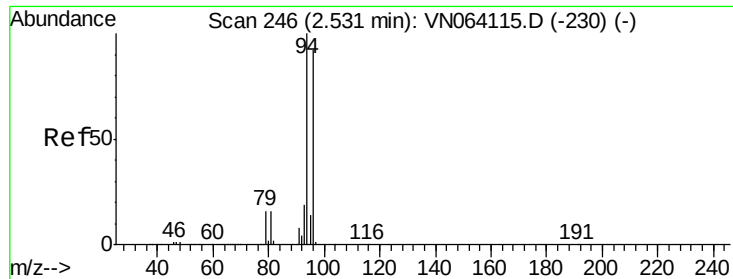
Tgt Ion: 62 Resp: 88165

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.4





#5

Bromomethane

Concen: 18.861 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion: 94 Resp: 69435

Ion Ratio Lower Upper

94 100

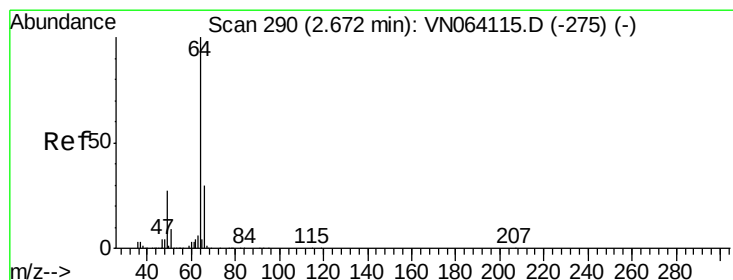
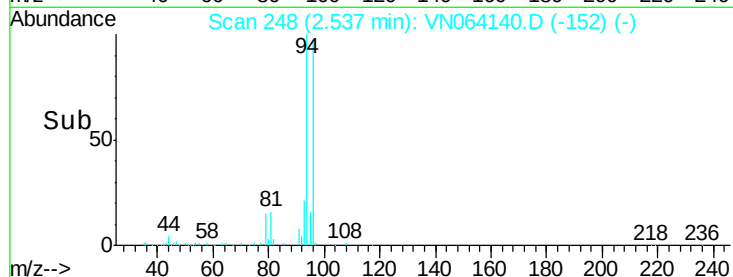
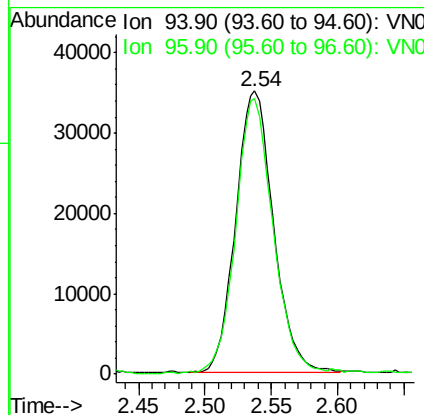
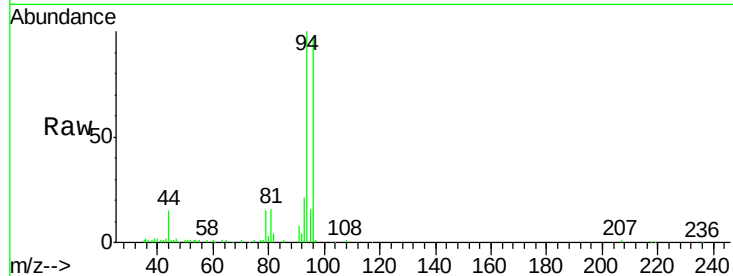
96 96.7 73.5 110.3

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#6

Chloroethane

Concen: 17.603 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064140.D

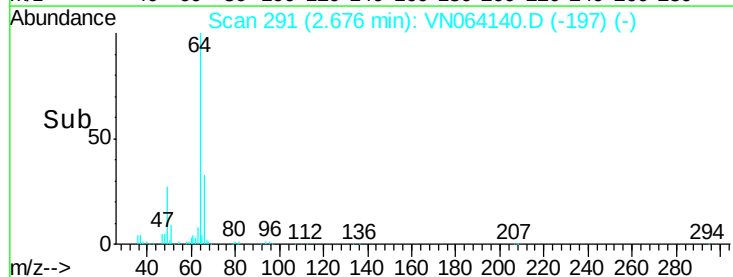
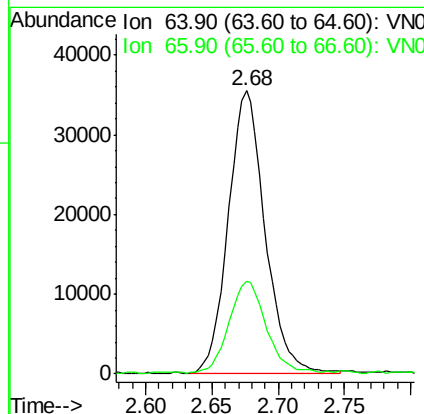
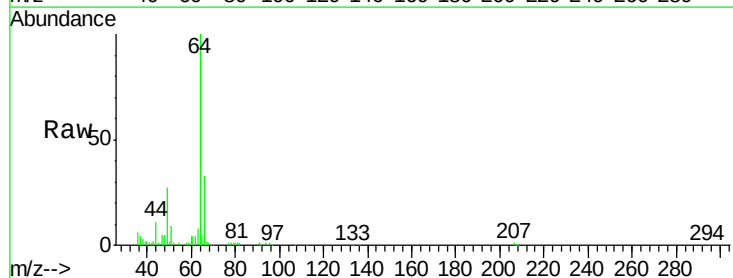
Acq: 15 Oct 2020 13:55

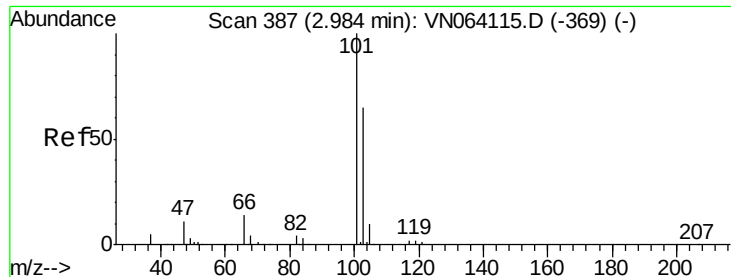
Tgt Ion: 64 Resp: 68653

Ion Ratio Lower Upper

64 100

66 32.3 24.2 36.2





#7

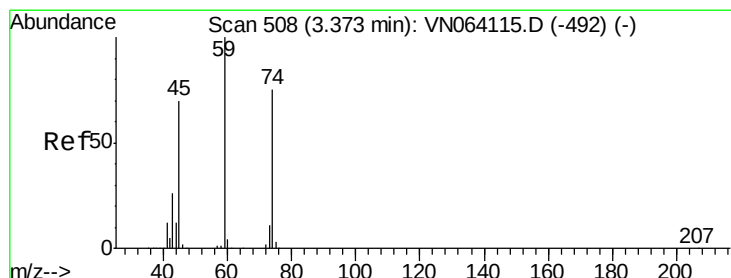
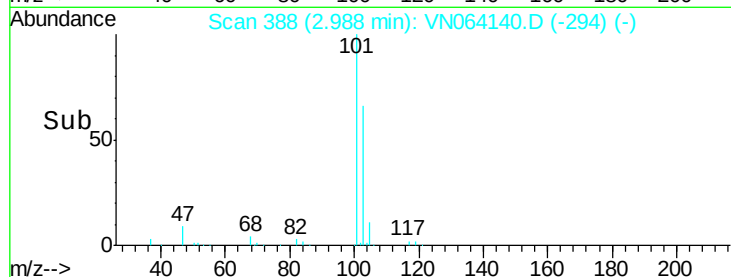
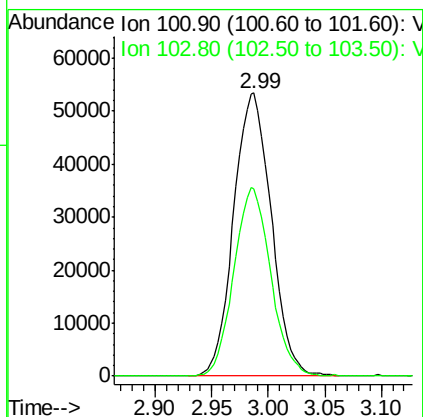
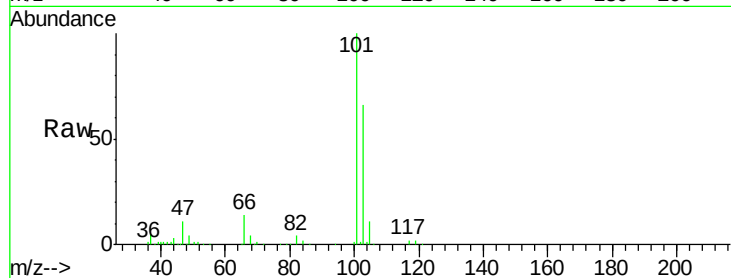
Trichlorofluoromethane
 Concen: 18.369 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064140.D
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 VN1015WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	123939		
103	66.1	51.8	77.6	

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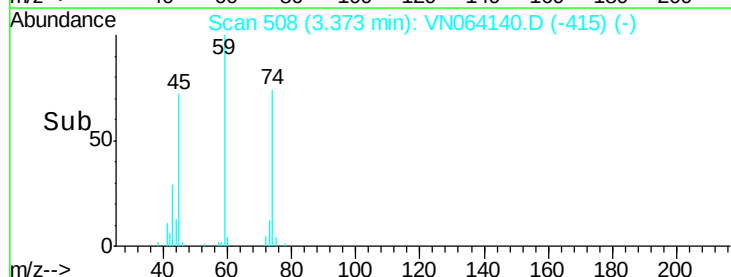
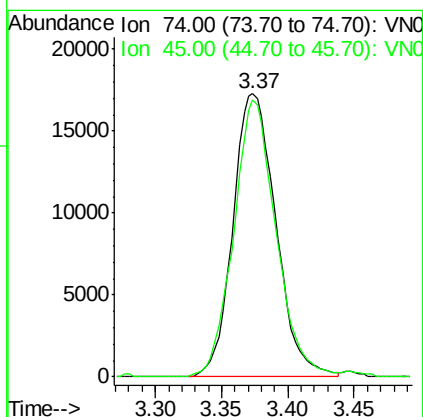
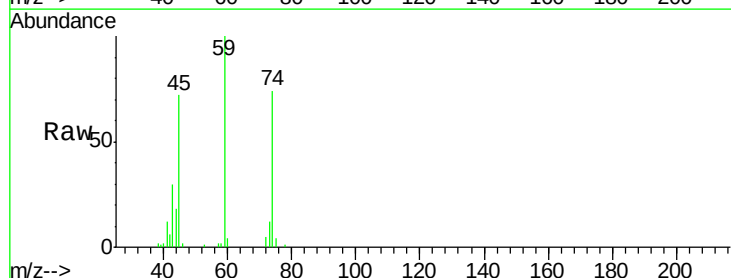
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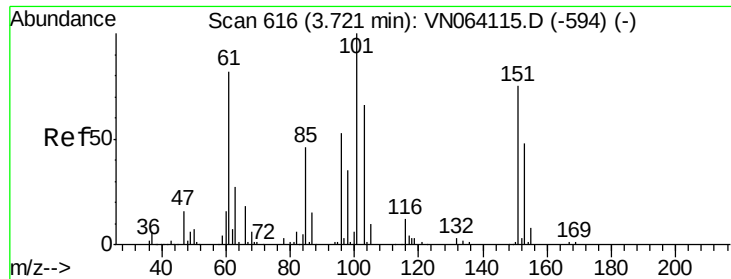


#8

Diethyl Ether
 Concen: 18.431 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	38907		
45	96.3	47.0	141.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.777 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

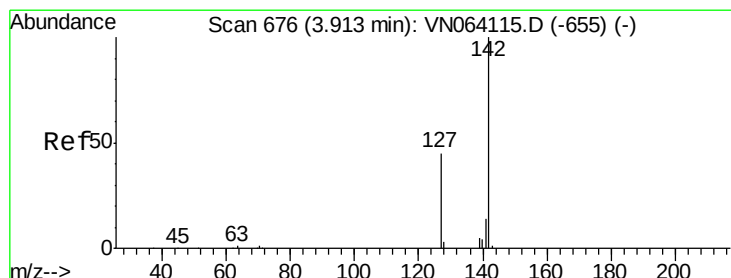
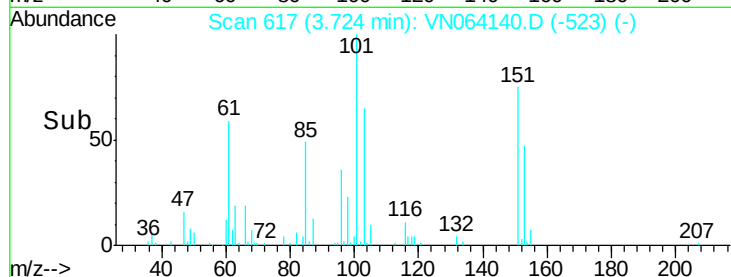
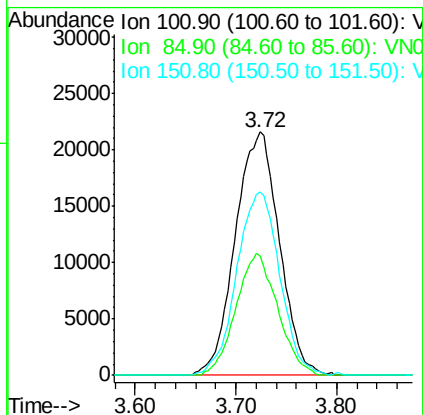
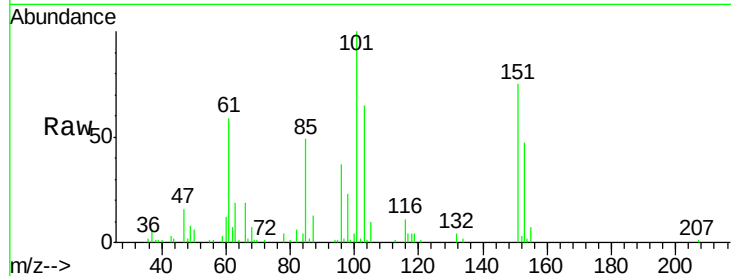
ClientSampleId :

VN1015WBSD01

Tot Ion:	101	Resp:	65507
Ion Ratio	Lower	Upper	
101	100		
85	47.3	36.9	55.3
151	73.6	60.7	91.1

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#10

Methyl Iodide

Concen: 17.713 ug/l

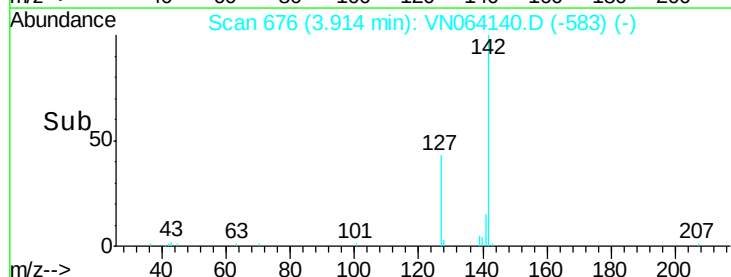
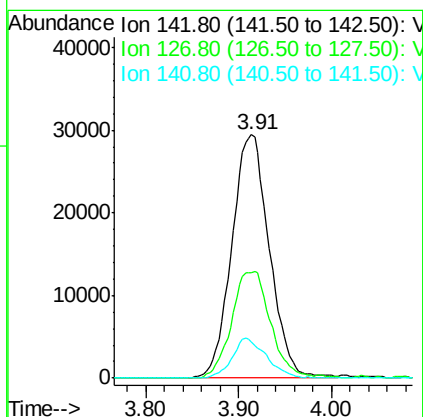
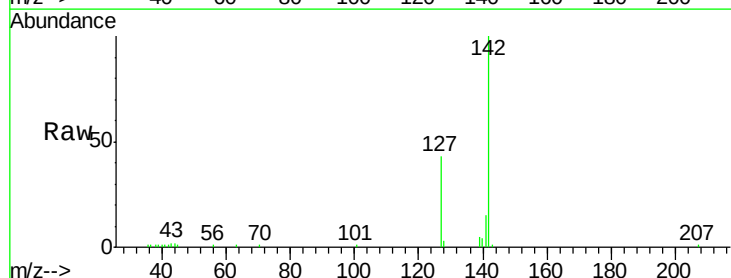
RT: 3.91 min Scan# 676

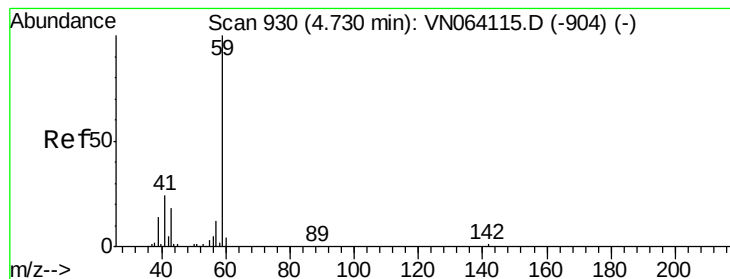
Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Tgt Ion:	142	Resp:	82714
Ion Ratio	Lower	Upper	
142	100		
127	45.2	36.3	54.5
141	14.9	11.6	17.4





#11

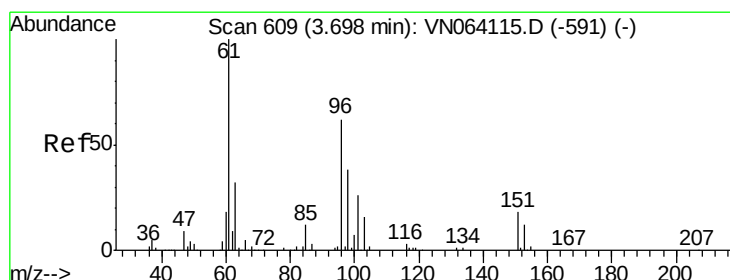
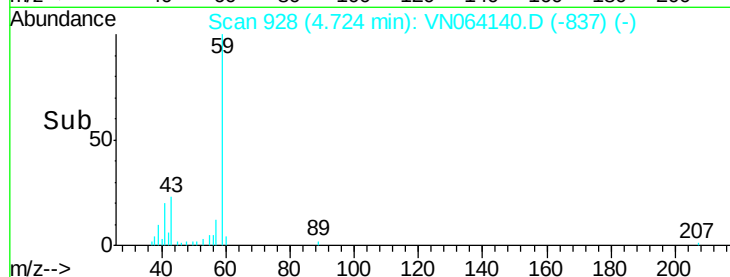
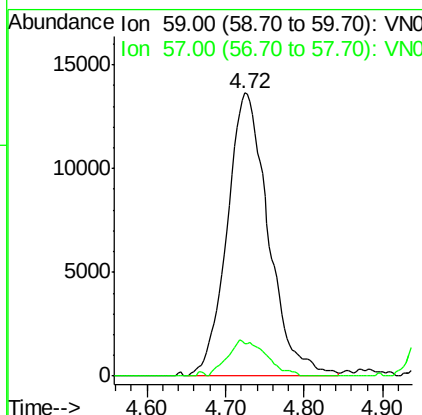
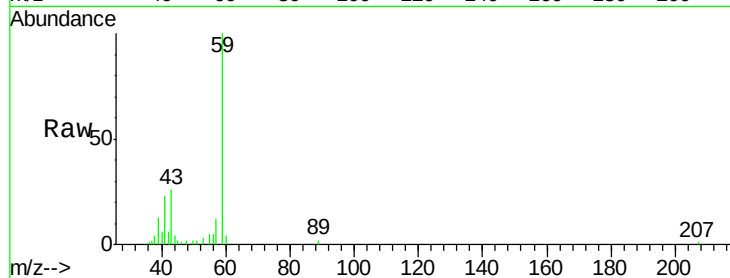
Tert butyl alcohol
 Concen: 94.334 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Tot Ion	59	Resp	49958
Ion Ratio	100	Lower	Upper
57	12.0	8.9	13.3

Manual Integrations
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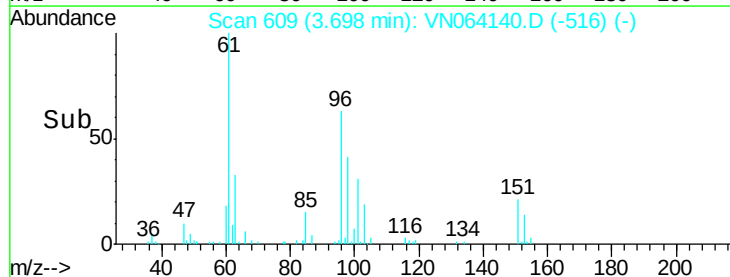
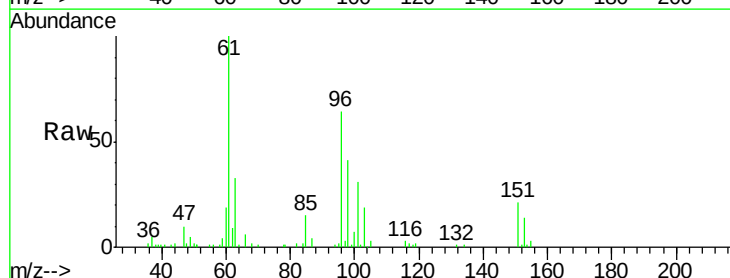
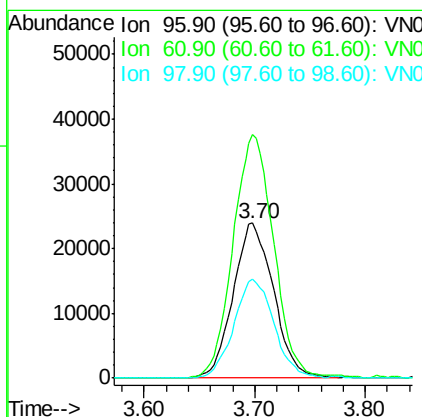
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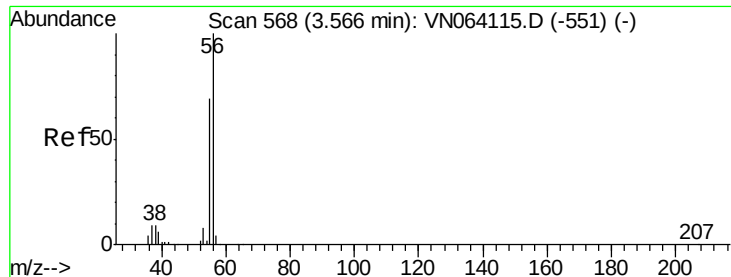


#12

1,1-Dichloroethene
 Concen: 18.131 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion	96	Resp	60647
Ion Ratio	100	Lower	Upper
61	156.5	129.9	194.9
98	63.9	48.9	73.3





#13

Acrolein

Concen: 110.332 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion: 56 Resp: 47993

Ion Ratio Lower Upper

56 100

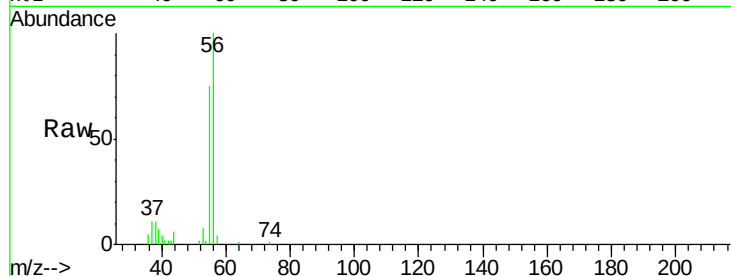
55 71.6 55.8 83.6

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Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

20000

15000

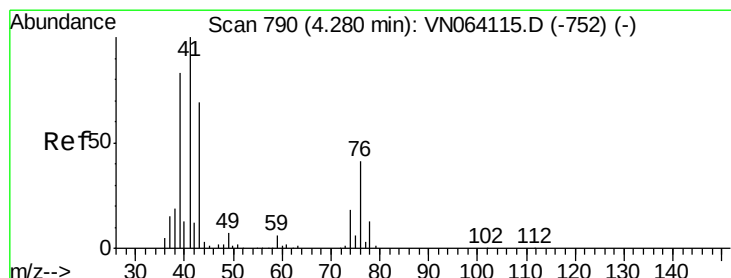
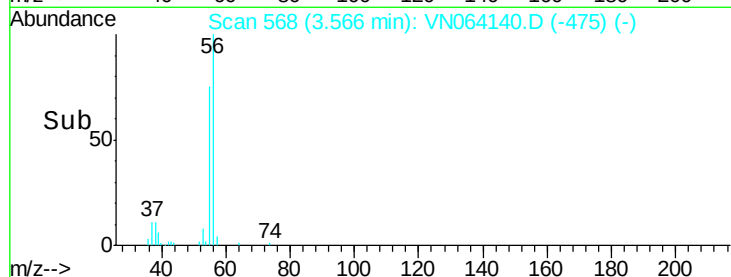
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 16.284 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

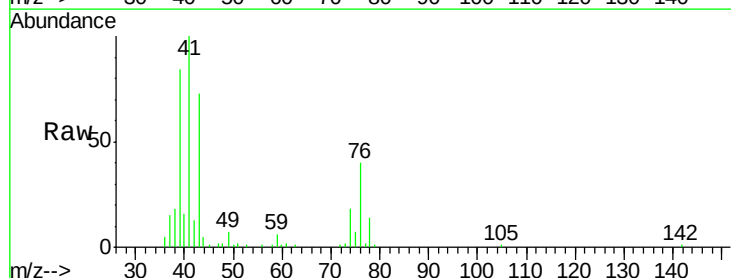
Tgt Ion: 41 Resp: 84985

Ion Ratio Lower Upper

41 100

39 82.2 60.5 90.7

76 42.3 29.5 44.3



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.28

40000

30000

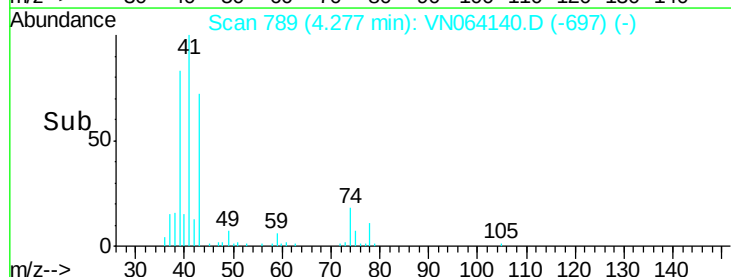
20000

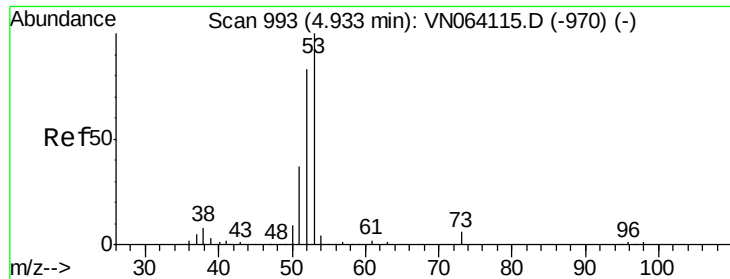
10000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 94.496 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

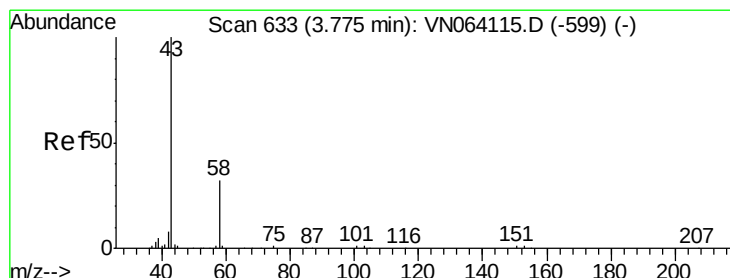
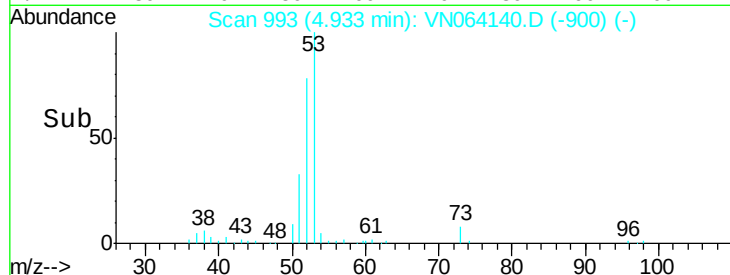
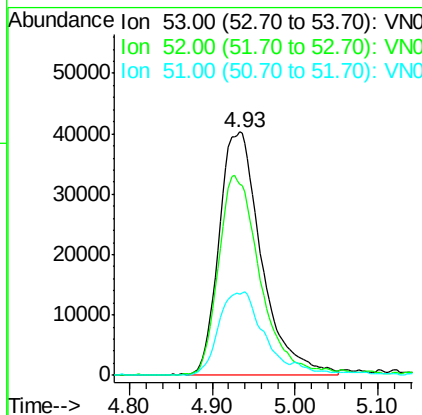
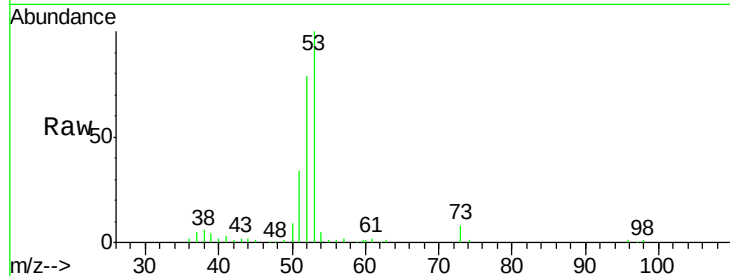
ClientSampleId :

VN1015WBSD01

Tot Ion:	53	Resp:	143688
Ion	Ratio	Lower	Upper
53	100		
52	79.8	65.8	98.6
51	34.9	29.4	44.2

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#16

Acetone

Concen: 92.925 ug/l

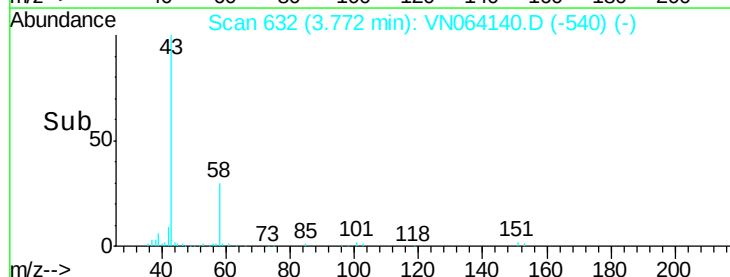
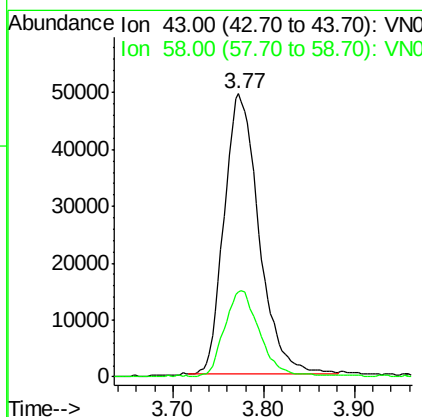
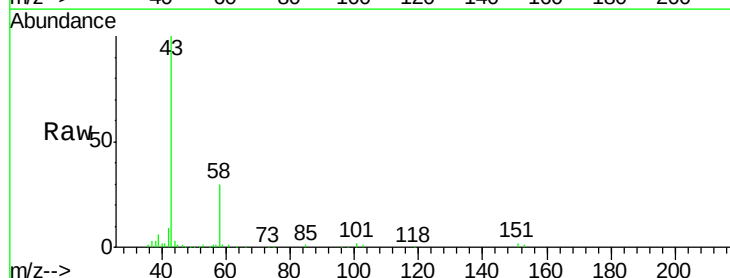
RT: 3.77 min Scan# 632

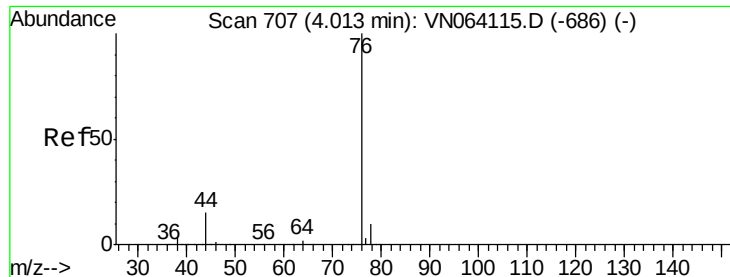
Delta R.T. -0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Tgt Ion:	43	Resp:	131834
Ion	Ratio	Lower	Upper
43	100		
58	30.0	25.2	37.8





#17

Carbon Disulfide

Concen: 17.968 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion: 76 Resp: 171784

Ion Ratio Lower Upper

76 100

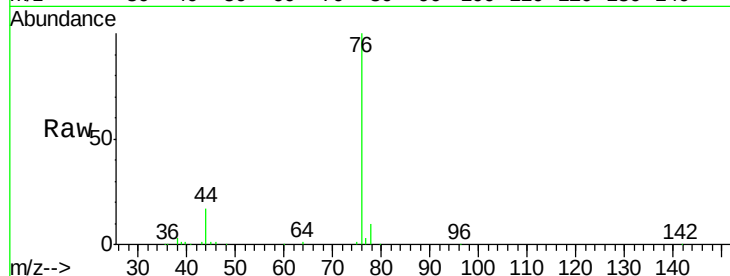
78 9.6 7.6 11.4

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Abundance Ion 75.90 (75.60 to 76.60): VN064115.D (-686) (-)

Ion 77.90 (77.60 to 78.60): VN064115.D (-686) (-)

4.01

60000

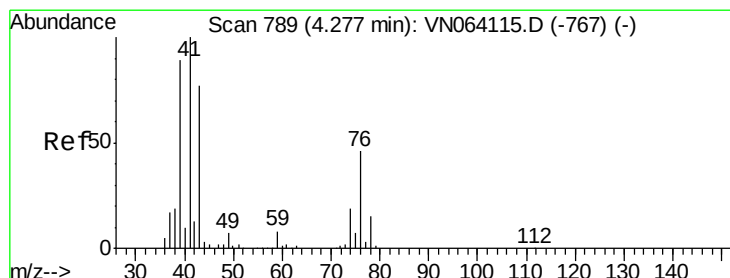
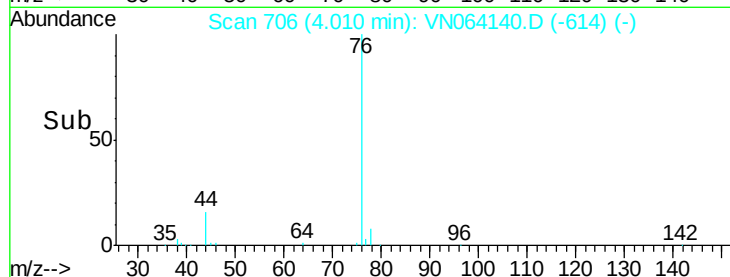
40000

20000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 18.788 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064140.D

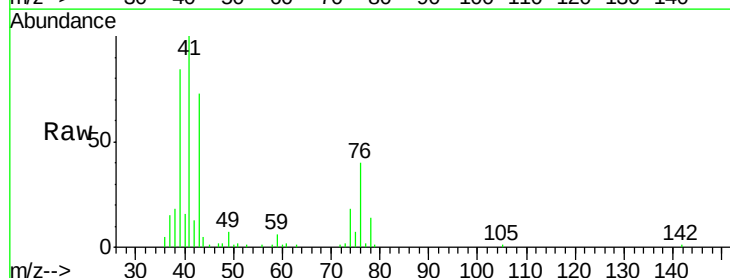
Acq: 15 Oct 2020 13:55

Tgt Ion: 43 Resp: 66864

Ion Ratio Lower Upper

43 100

74 23.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-767) (-)

Ion 74.00 (73.70 to 74.70): VN064115.D (-767) (-)

4.28

25000

20000

15000

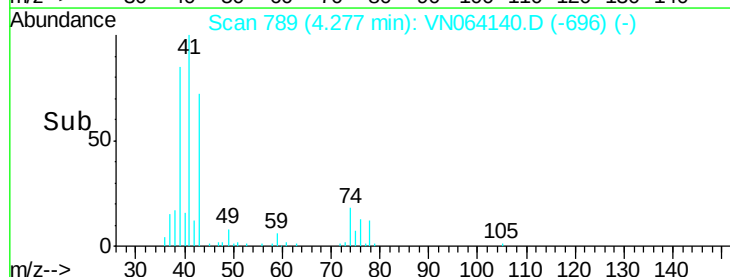
10000

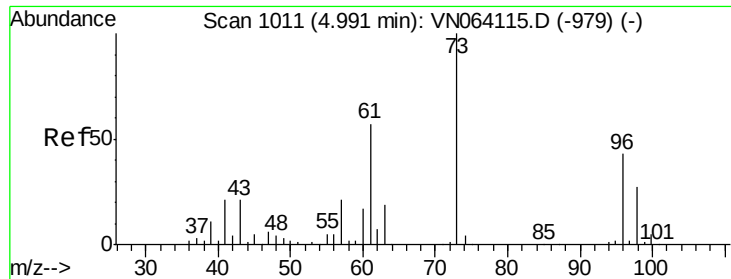
5000

0

Time-->

4.20 4.30 4.40





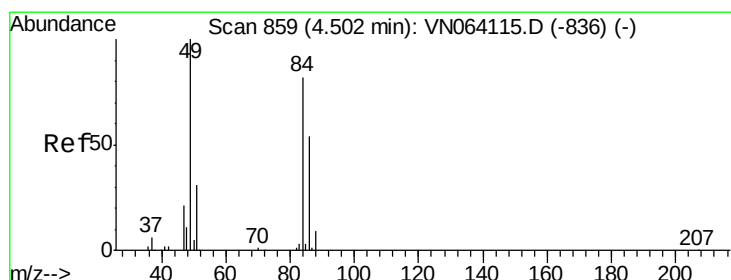
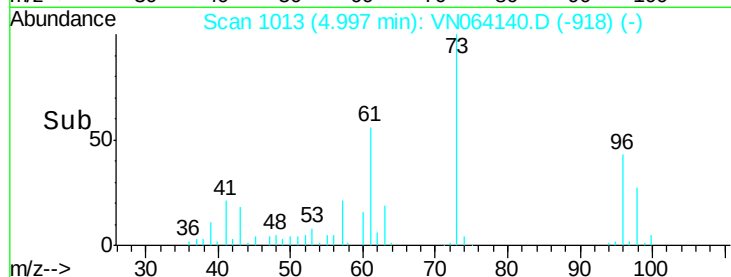
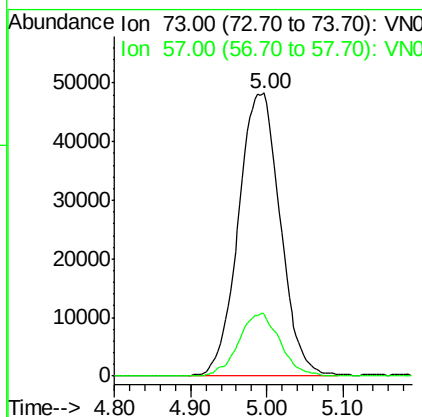
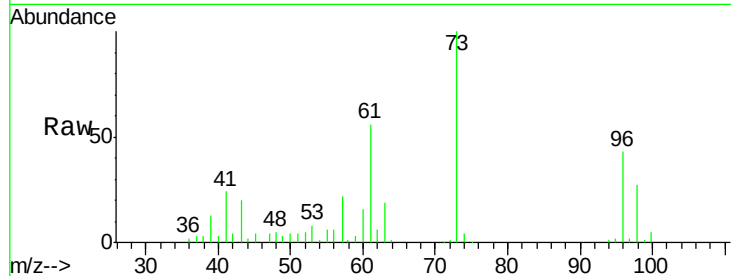
#19
Methyl tert-butyl Ether
Concen: 18.686 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion: 73 Resp: 184356
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.4

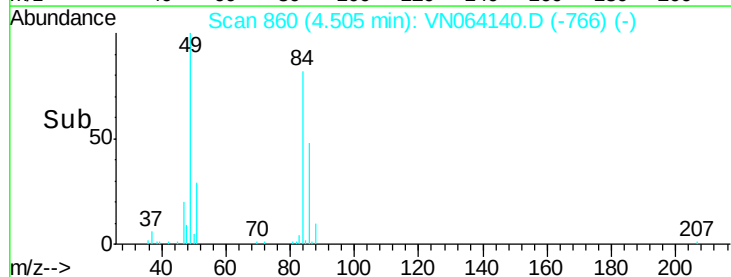
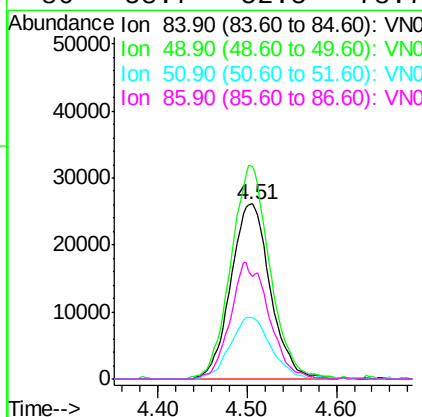
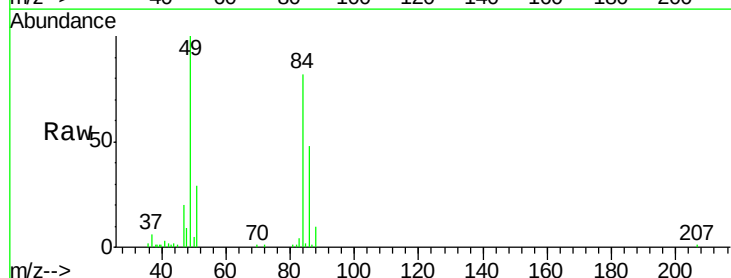
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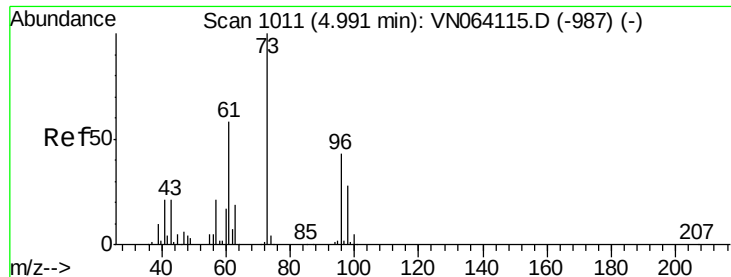
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#20
Methylene Chloride
Concen: 18.365 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion: 84 Resp: 80619
Ion Ratio Lower Upper
84 100
49 121.0 97.4 146.0
51 34.9 29.7 44.5
86 58.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.908 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion: 96 Resp: 71704

Ion Ratio Lower Upper

96 100

61 129.2 107.0 160.4

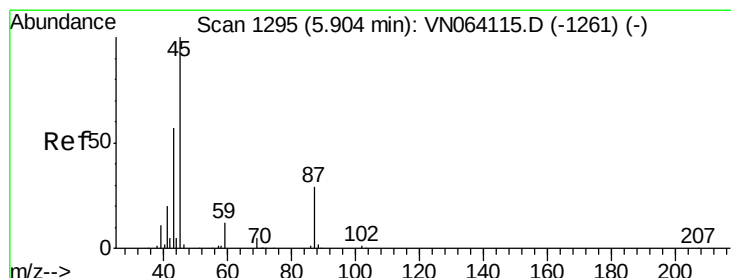
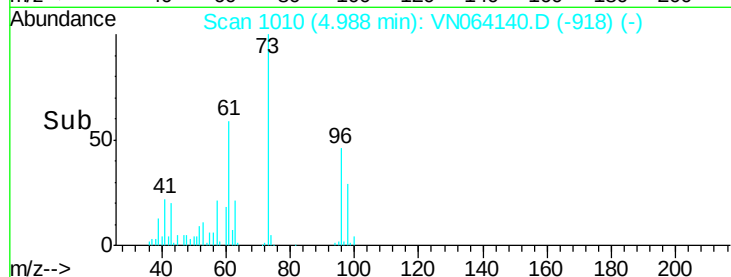
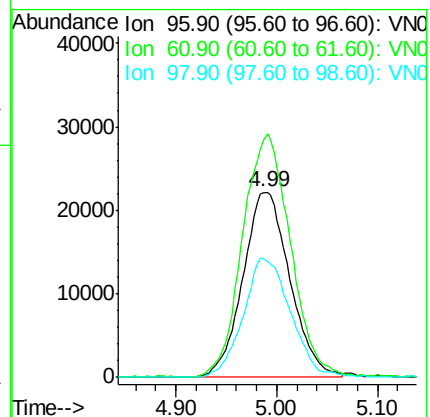
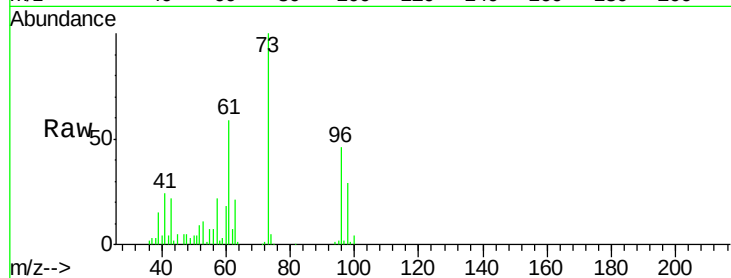
98 64.0 51.0 76.6

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#22

Diisopropyl ether

Concen: 19.088 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Tgt Ion: 45 Resp: 193529

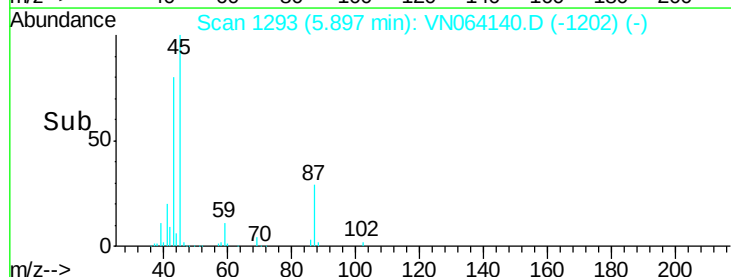
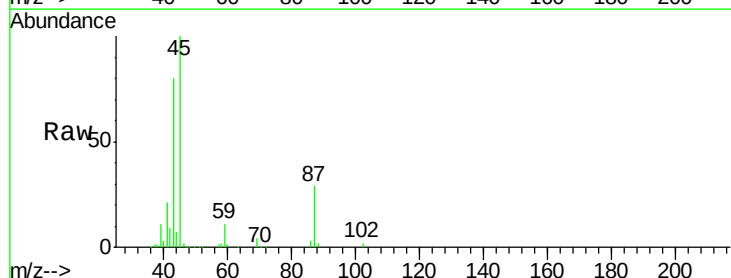
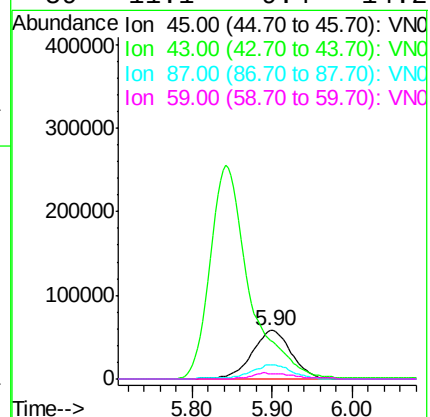
Ion Ratio Lower Upper

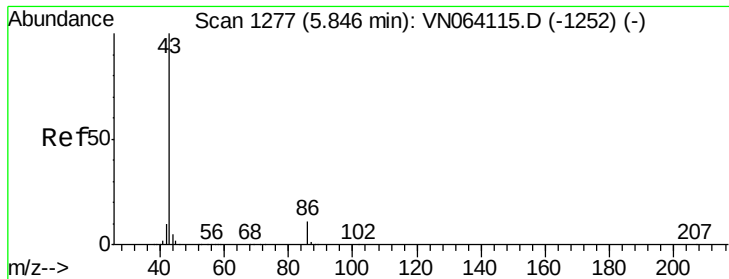
45 100

43 76.5 50.9 76.3#

87 29.0 23.5 35.3

59 11.1 9.4 14.2





#23

Vinyl Acetate

Concen: 95.590 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion: 43 Resp: 865691

Ion Ratio Lower Upper

43 100

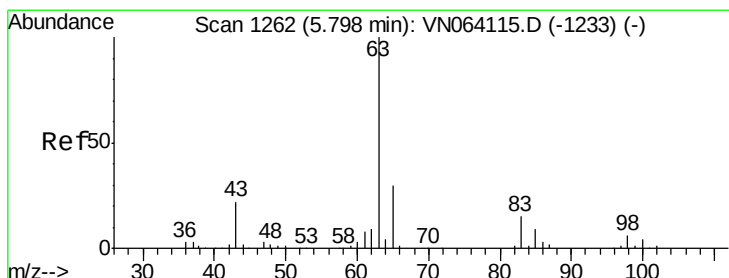
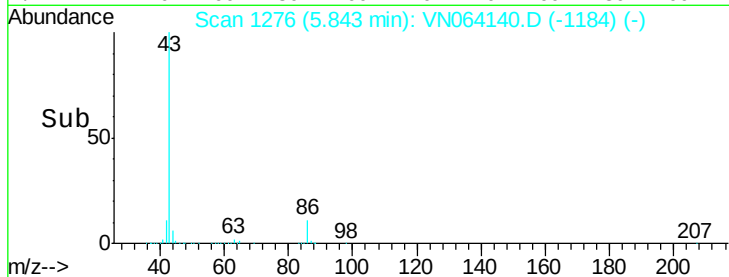
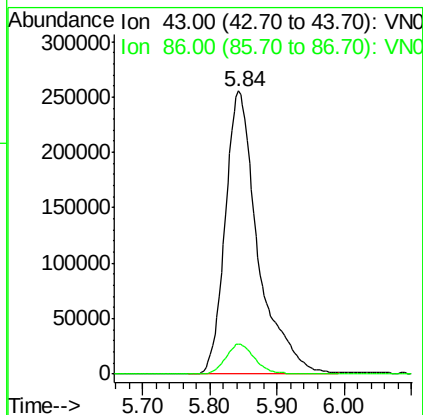
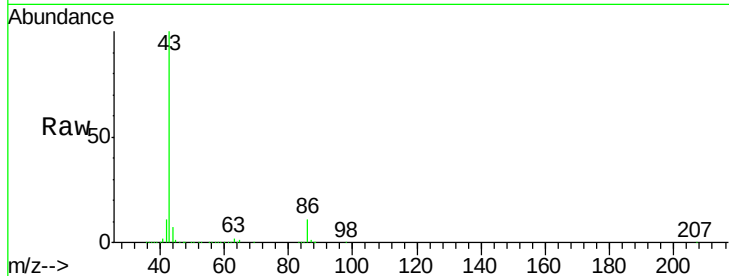
86 10.7 8.8 13.2

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#24

1,1-Dichloroethane

Concen: 18.754 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

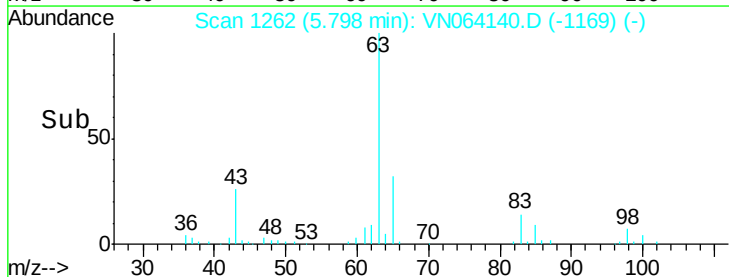
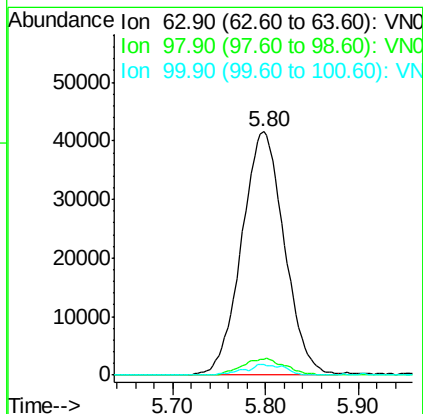
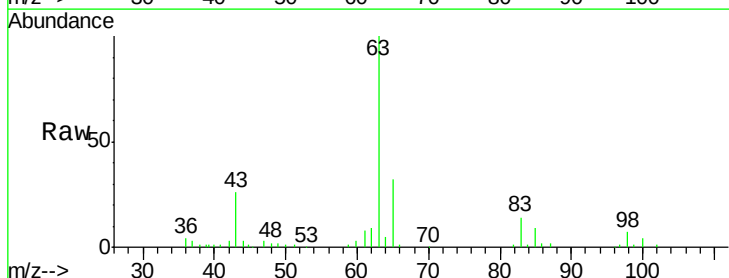
Tgt Ion: 63 Resp: 132778

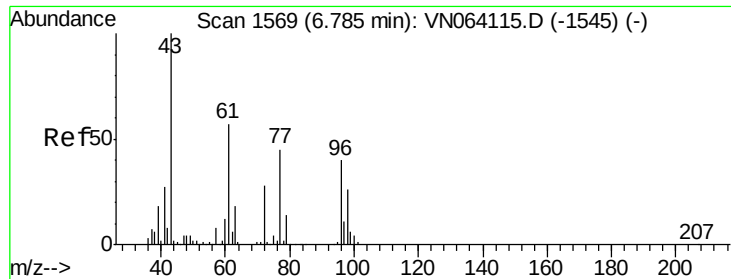
Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

100 4.3 2.1 6.2





#25

2-Butanone

Concen: 91.404 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion: 43 Resp: 199455

Ion Ratio Lower Upper

43 100

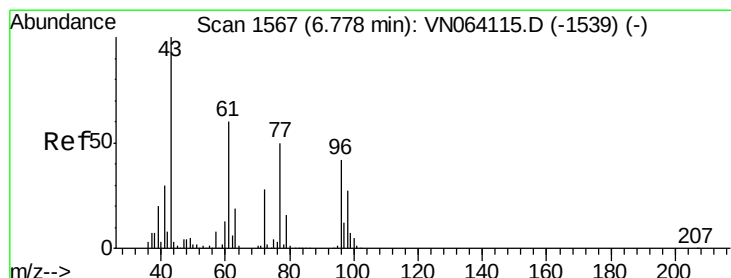
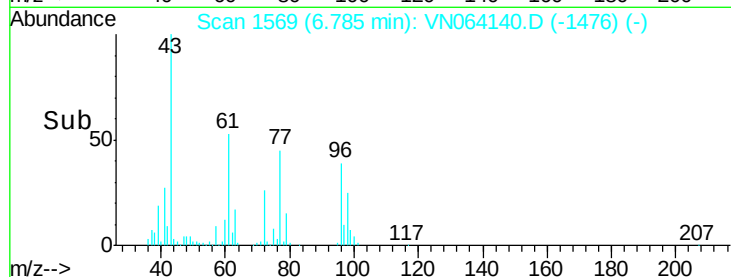
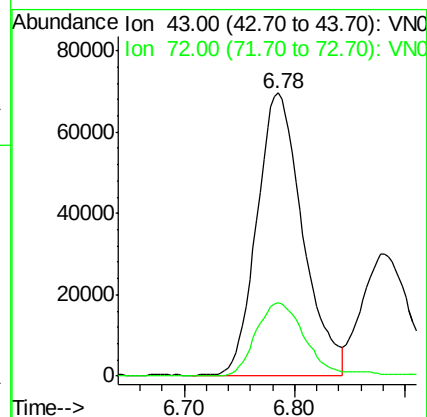
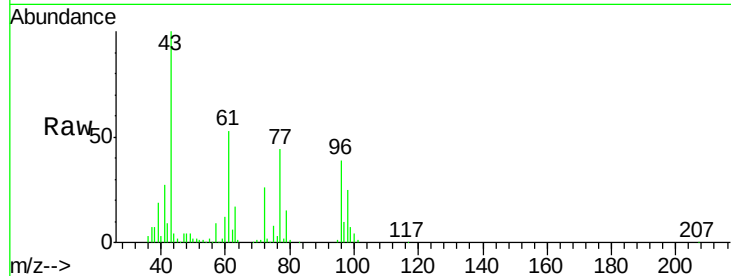
72 26.0 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 18.507 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064140.D

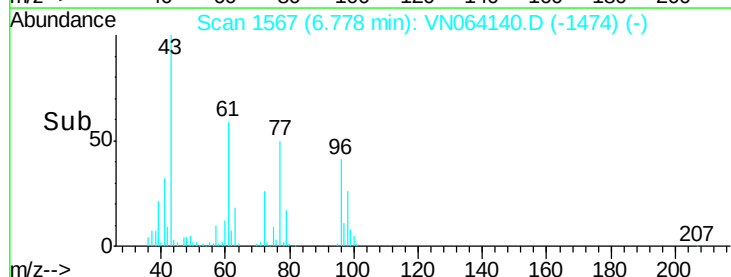
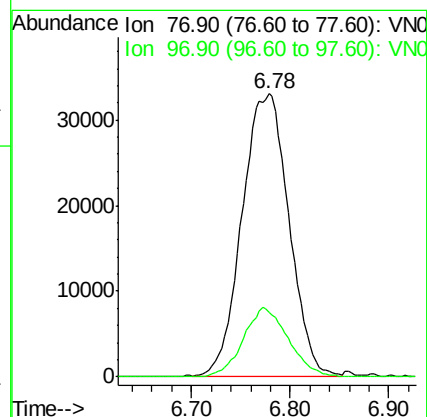
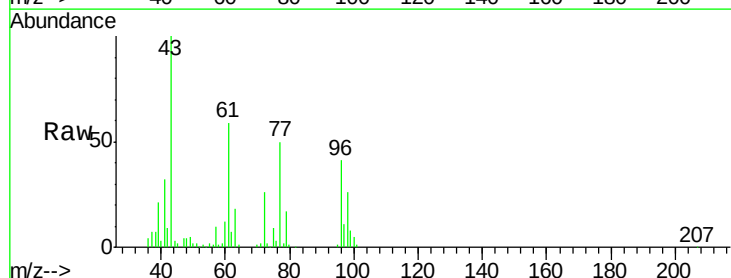
Acq: 15 Oct 2020 13:55

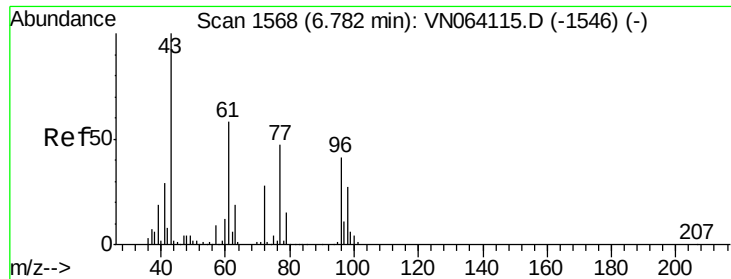
Tgt Ion: 77 Resp: 109017

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.0





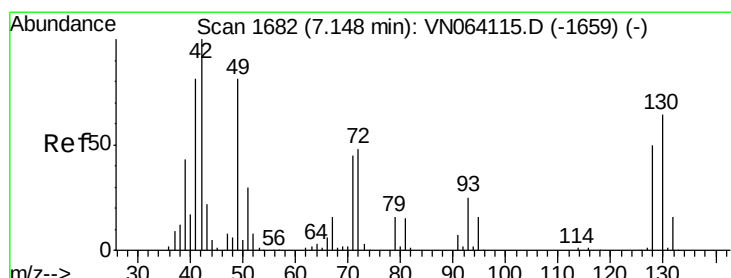
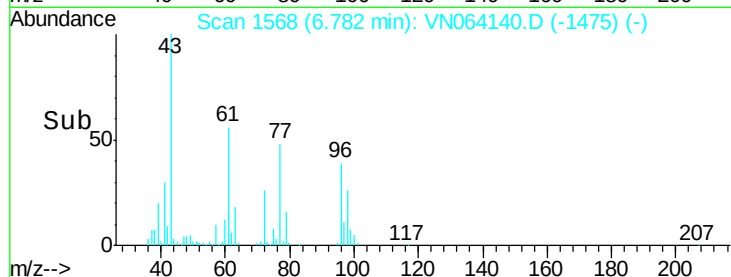
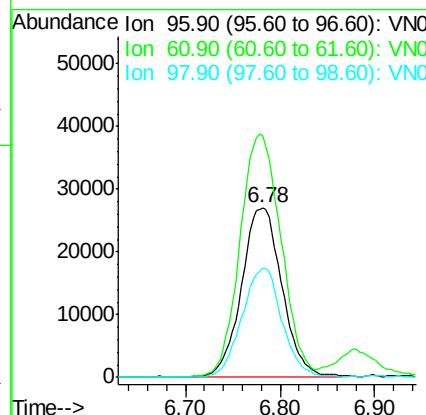
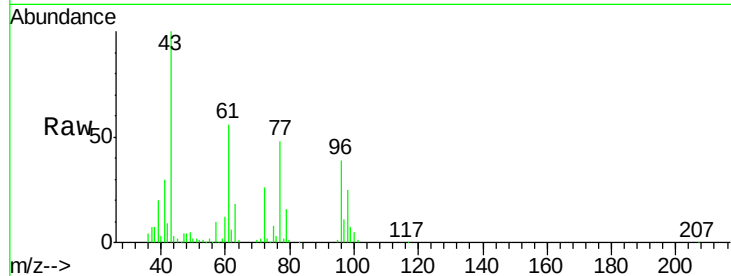
#27
 cis-1,2-Dichloroethene
 Concen: 18.056 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampled :
 VN1015WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.2	0.0	285.6	
98	63.8	0.0	131.0	

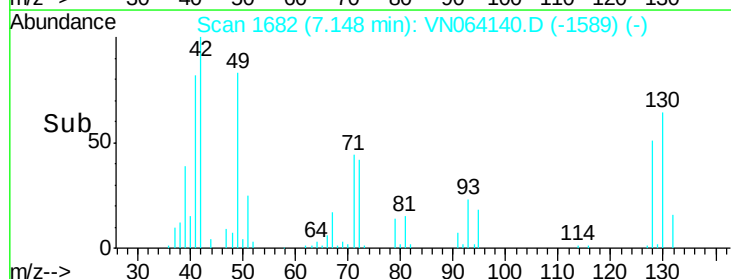
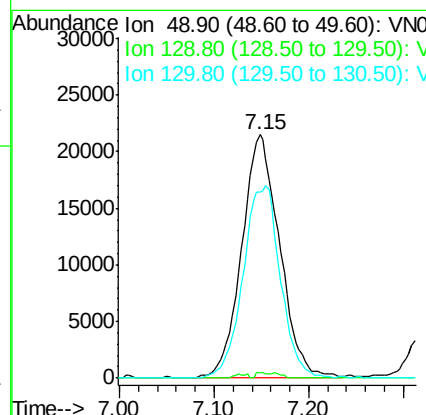
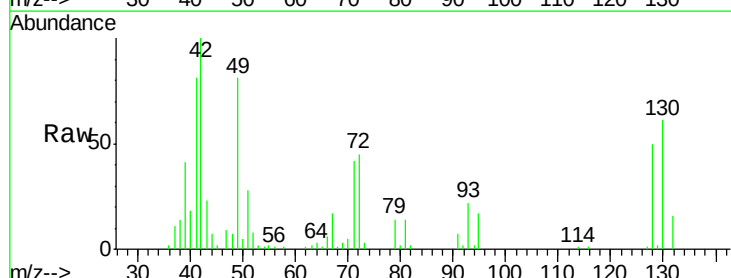
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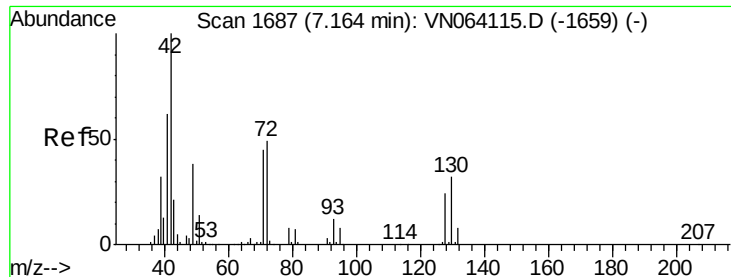
apatel
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#28
 Bromochloromethane
 Concen: 17.722 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.7	0.0	2.0	
130	77.7	0.0	0.0#	





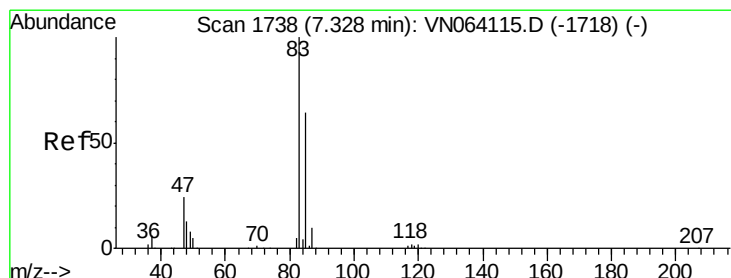
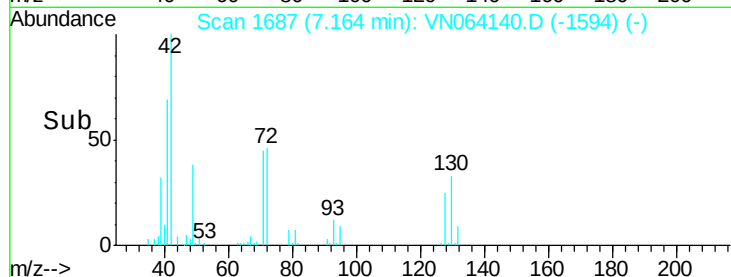
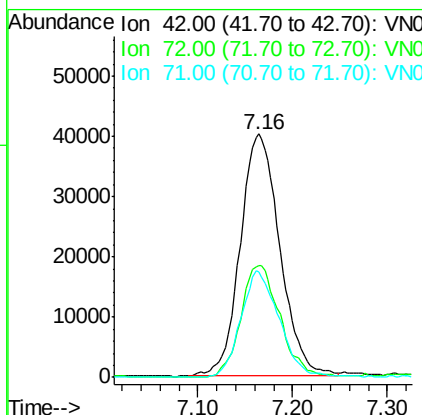
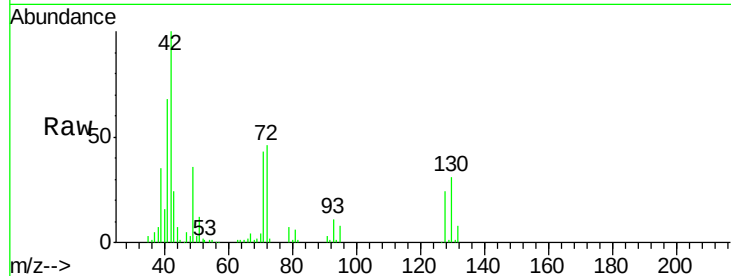
#29
Tetrahydrofuran
Concen: 91.183 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	37.8	56.6
71	42.9	35.3	52.9

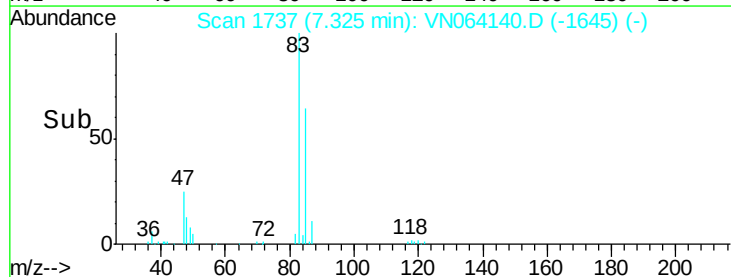
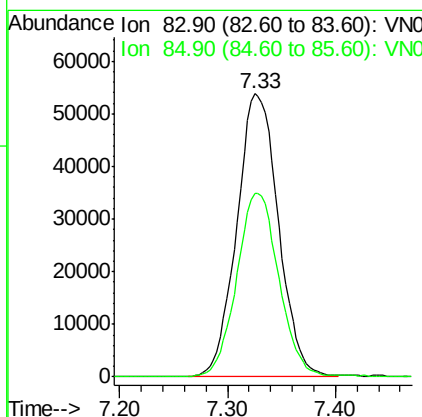
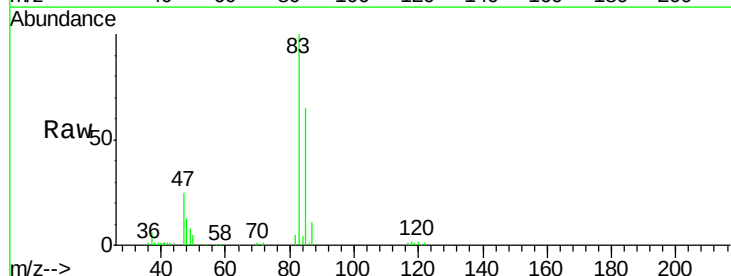
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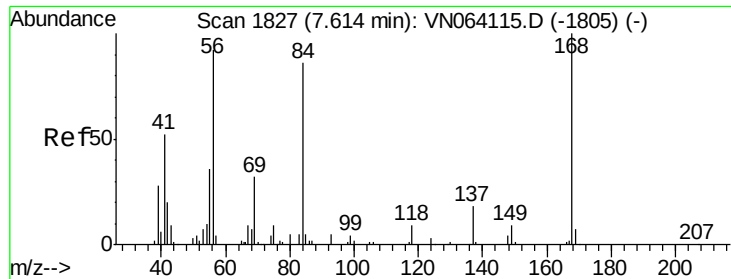
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#30
Chloroform
Concen: 19.164 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.5	77.3





#31

Cyclohexane

Concen: 17.351 ug/l

RT: 7.62 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

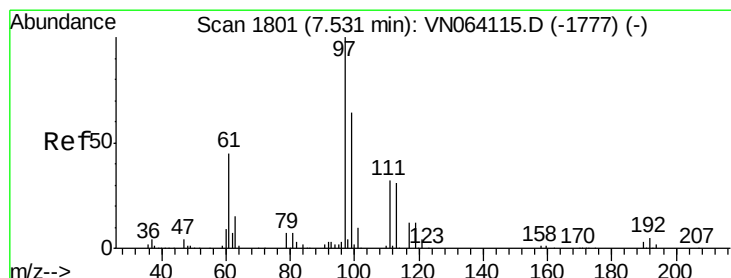
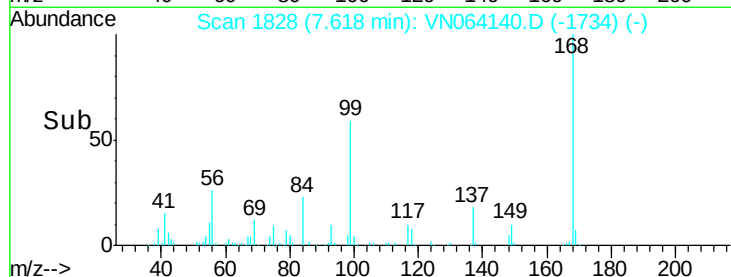
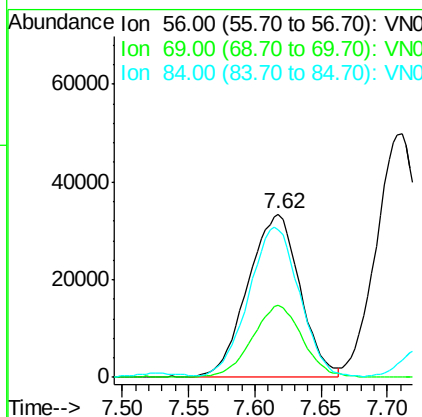
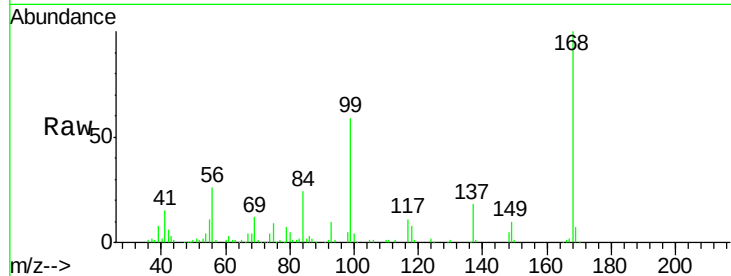
ClientSampleId :

VN1015WBSD01

Tot Ion:	56	Resp:	91741
Ion Ratio	Lower	Upper	
56	100		
69	44.2	27.8	41.6#
84	89.2	73.2	109.8

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#32

1,1,1-Trichloroethane

Concen: 18.618 ug/l

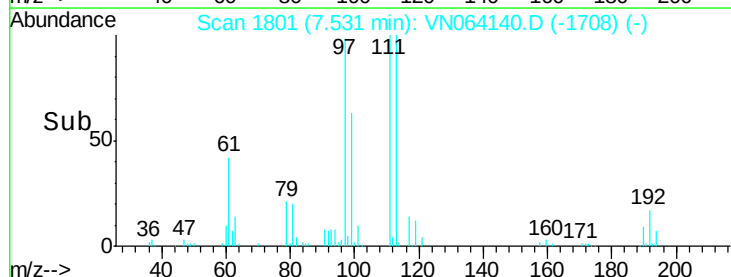
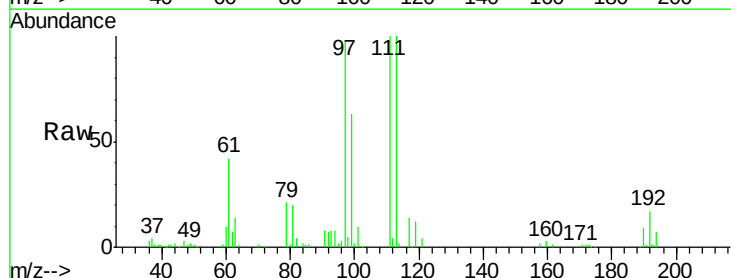
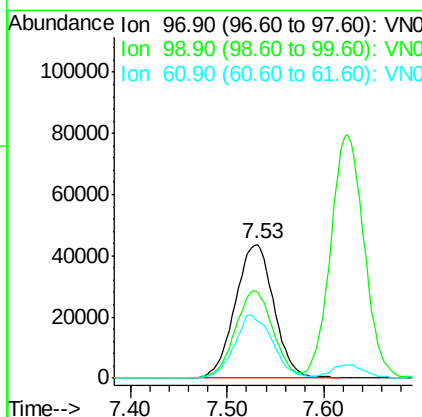
RT: 7.53 min Scan# 1801

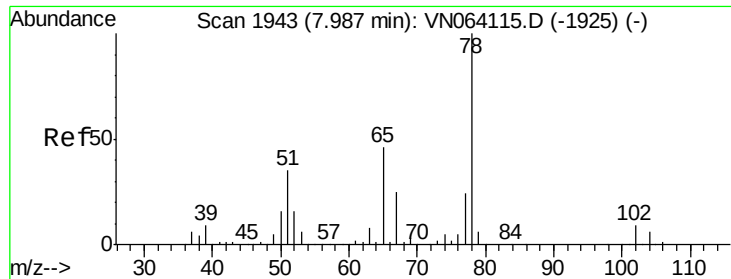
Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Tgt Ion:	97	Resp:	121348
Ion Ratio	Lower	Upper	
97	100		
99	64.0	50.2	75.2
61	46.6	35.6	53.4





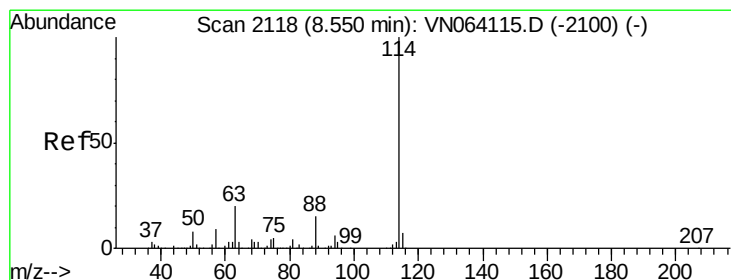
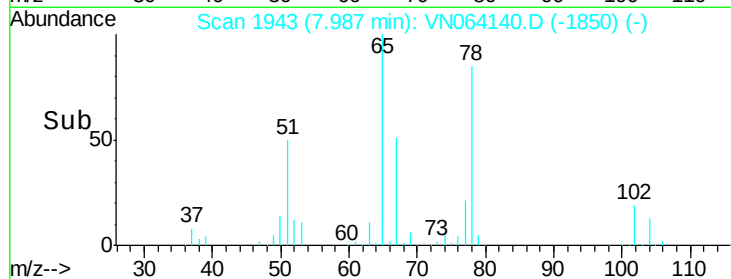
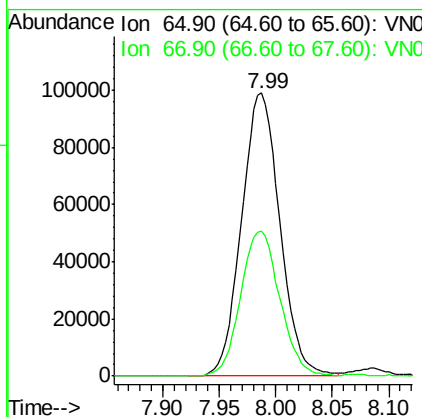
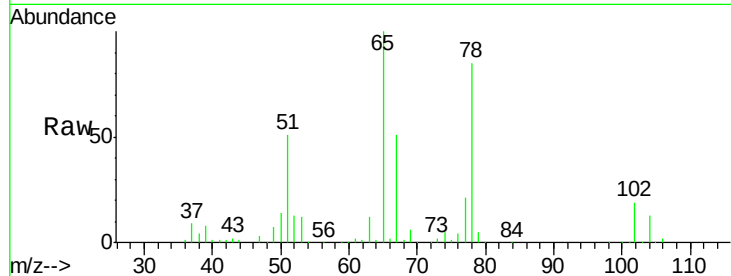
#33
 1,2-Dichloroethane-d4
 Concen: 48.873 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	233757		
67	52.5	0.0	105.6	

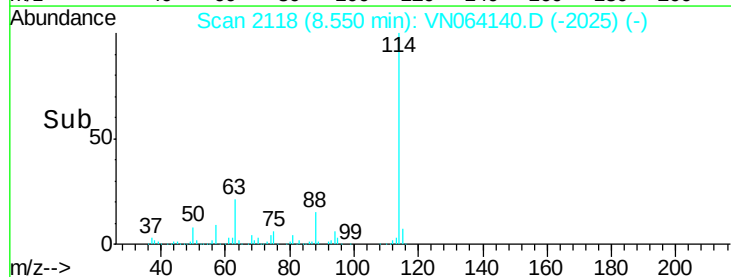
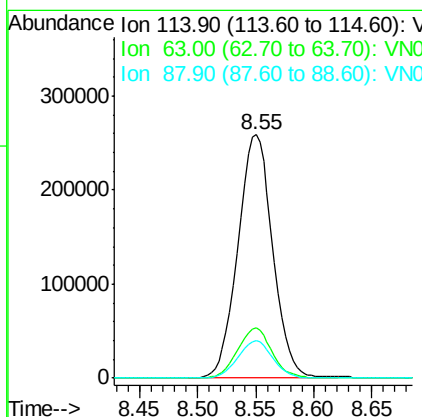
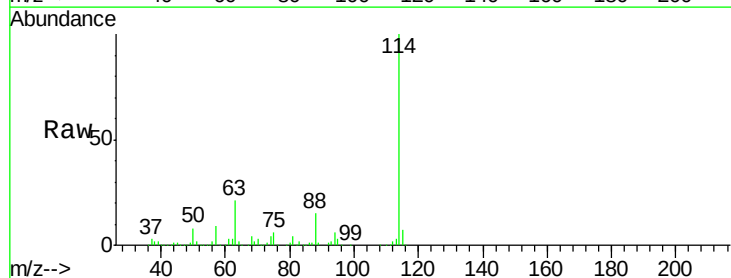
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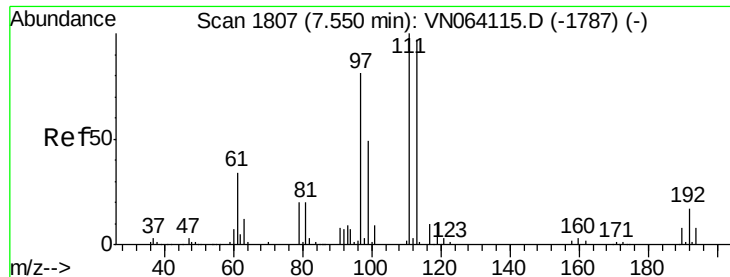
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	540250		
63	20.6	0.0	41.0	
88	15.5	0.0	29.2	





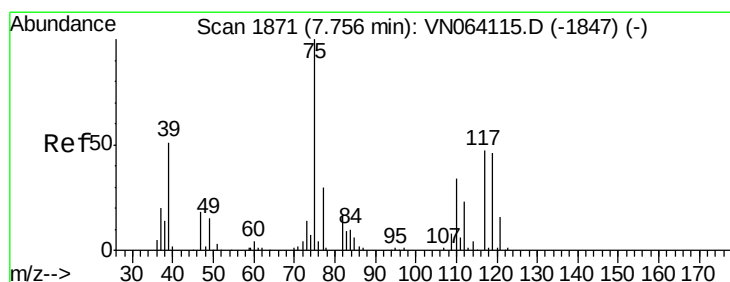
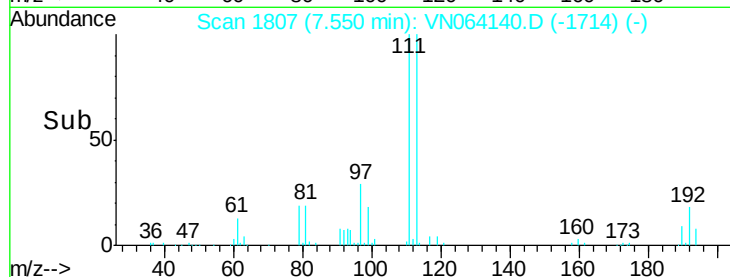
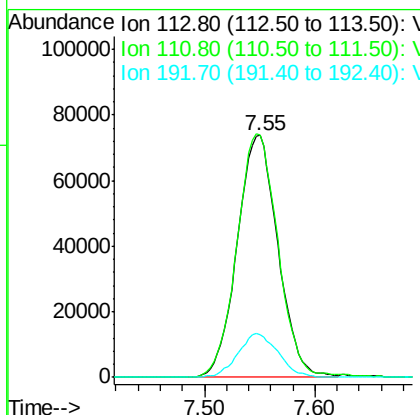
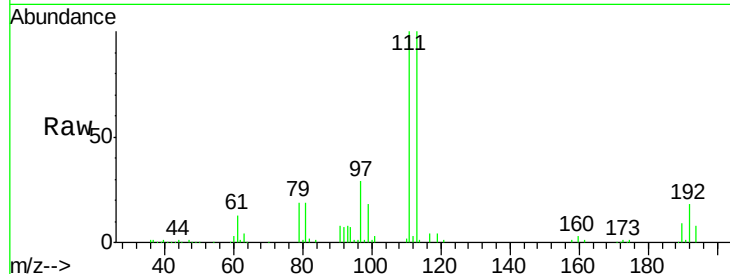
#35
 Dibromofluoromethane
 Concen: 50.400 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	188461		
111	101.8	81.9	122.9	
192	17.9	14.3	21.5	

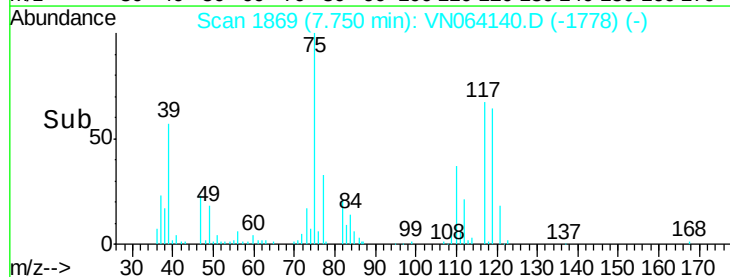
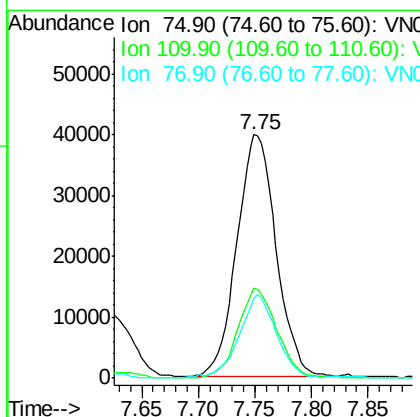
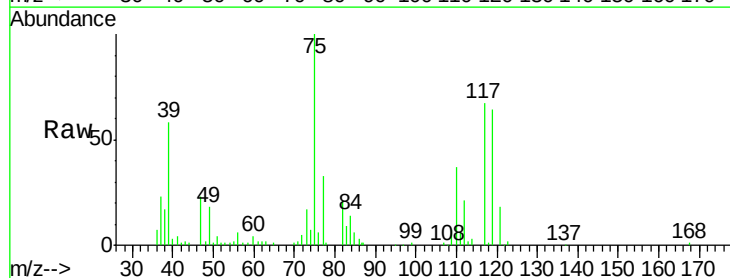
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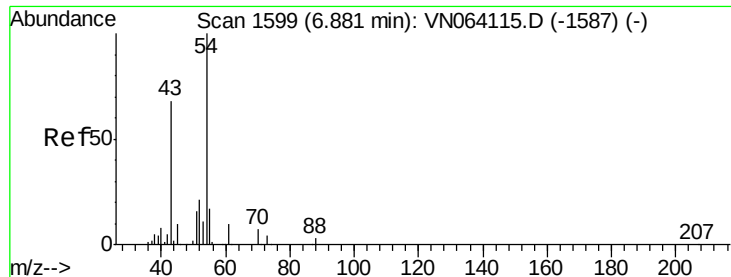
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#36
 1,1-Dichloropropene
 Concen: 18.438 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	96013		
110	36.9	17.8	53.3	
77	32.4	24.9	37.3	





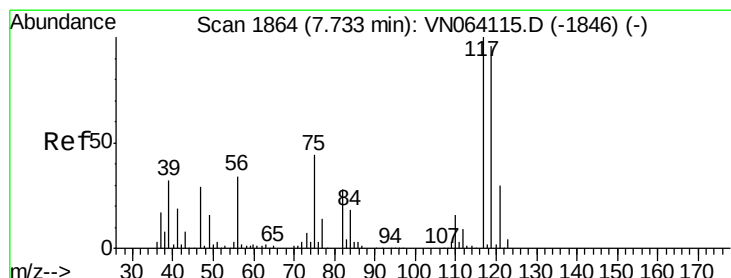
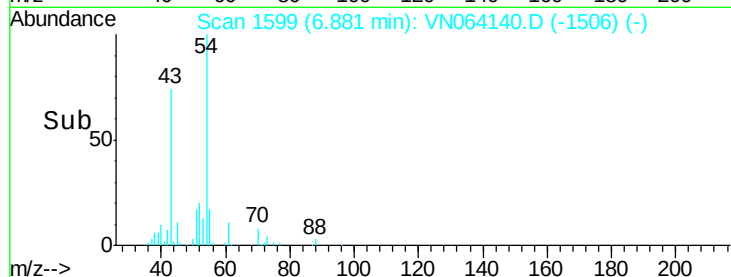
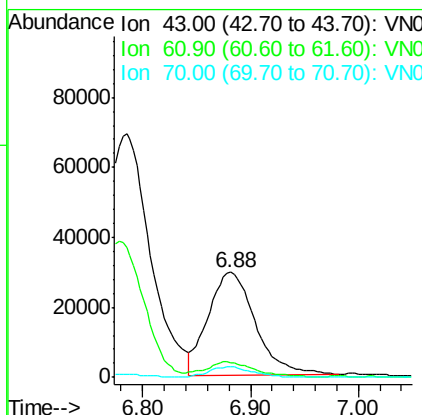
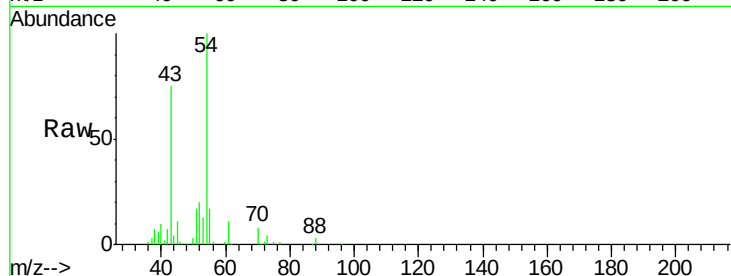
#37
Ethyl Acetate
Concen: 19.268 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion	43	Resp	89043
Ion Ratio	100	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	10.0	7.7	11.5

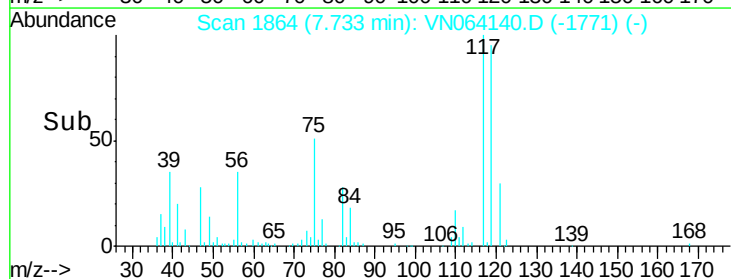
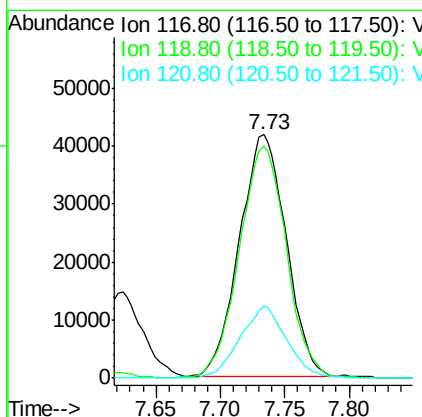
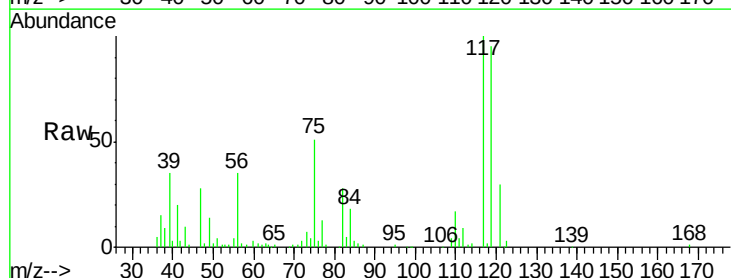
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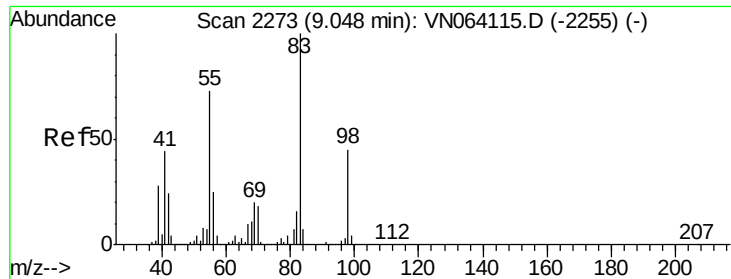
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#38
Carbon Tetrachloride
Concen: 18.833 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion	117	Resp	105452
Ion Ratio	100	Lower	Upper
117	100		
119	95.4	77.0	115.4
121	29.8	24.2	36.4





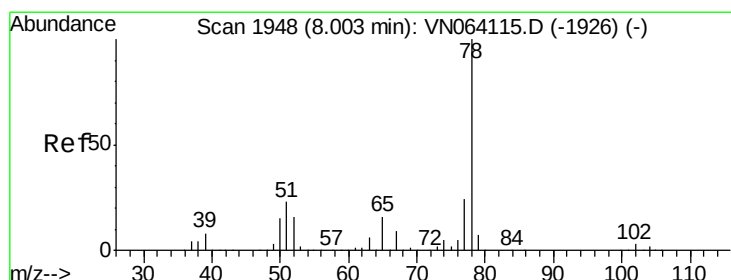
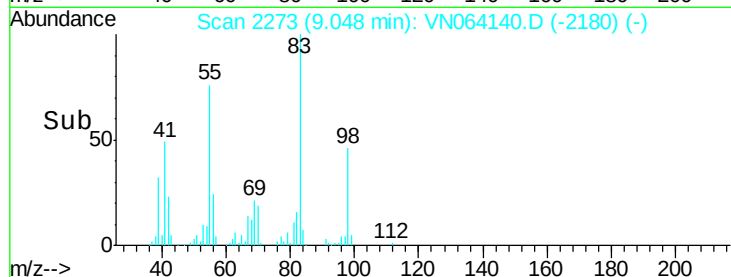
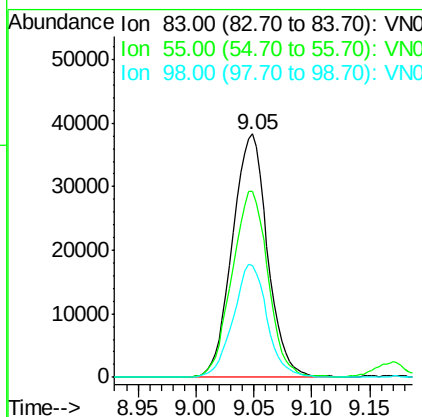
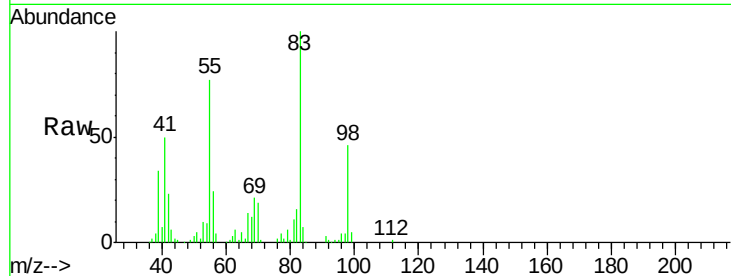
#39
Methylvlcyclohexane
Concen: 18.366 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion	83	Resp	80404
Ion Ratio	100	Lower	Upper
83	100		
55	76.6	58.5	87.7
98	45.9	36.2	54.2

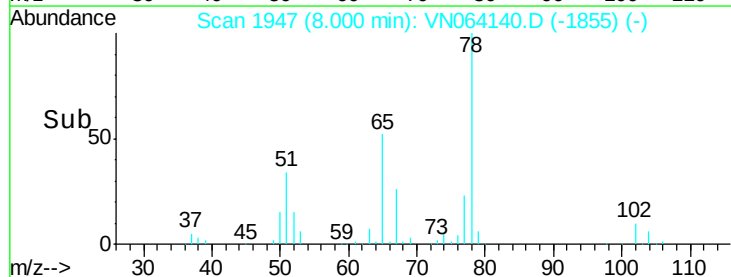
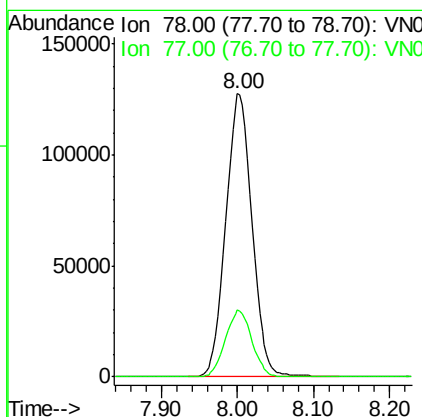
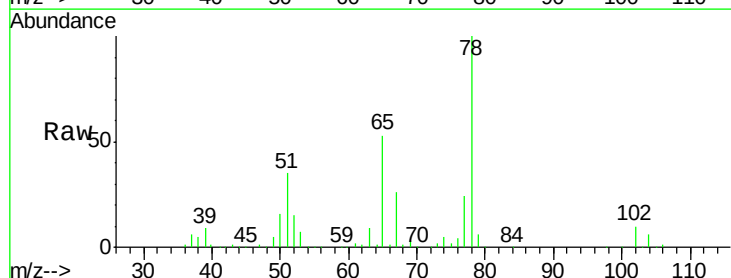
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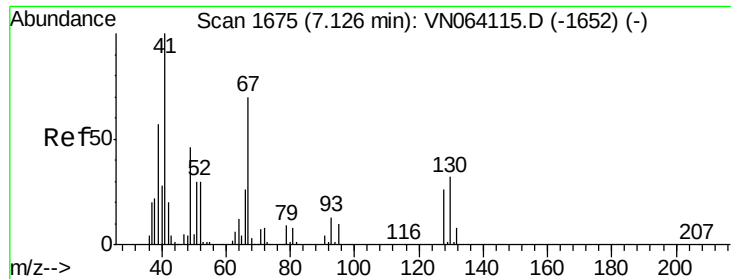
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#40
Benzene
Concen: 19.459 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion	78	Resp	306848
Ion Ratio	100	Lower	Upper
78	100		
77	23.6	19.3	28.9





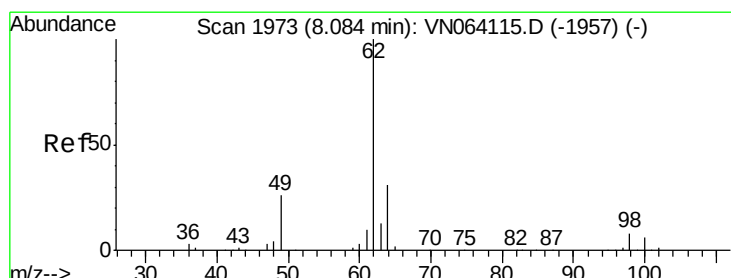
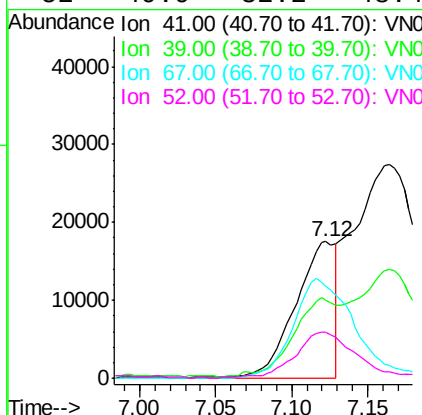
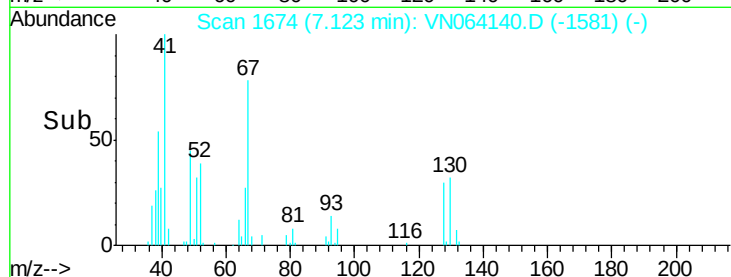
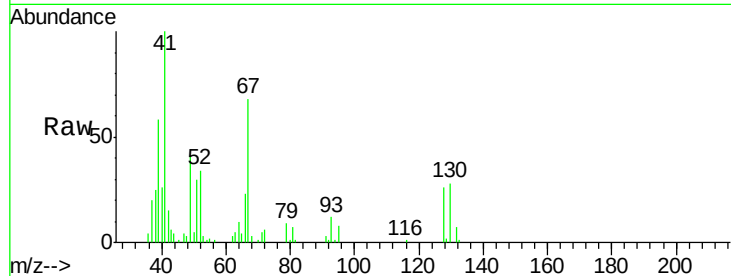
#41
Methacrylonitrile
Concen: 16.356 ug/l m
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.6	50.7	76.1
67	110.4	73.8	110.6
52	49.9	32.2	48.4

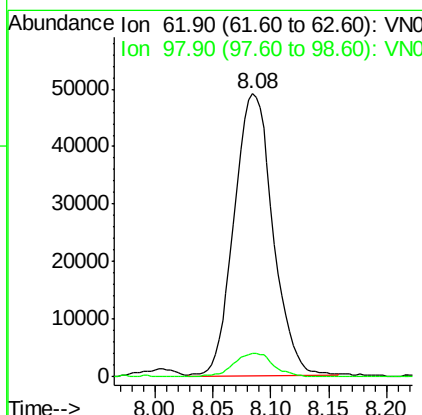
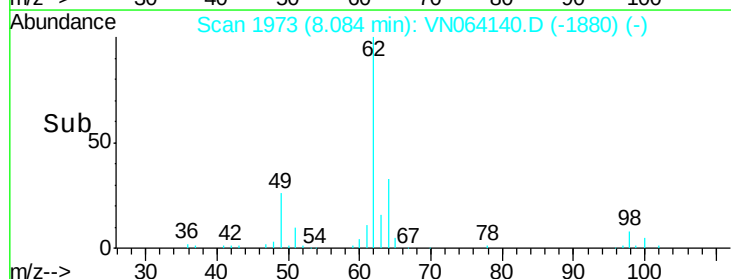
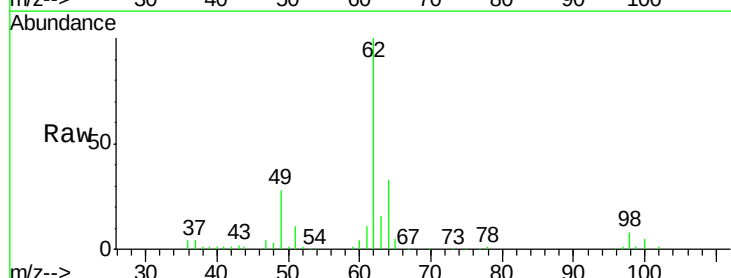
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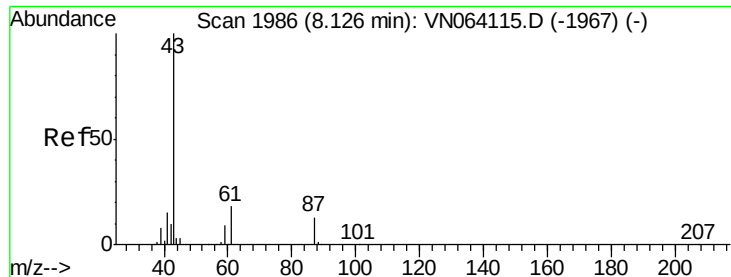
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#42
1,2-Dichloroethane
Concen: 20.313 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.6





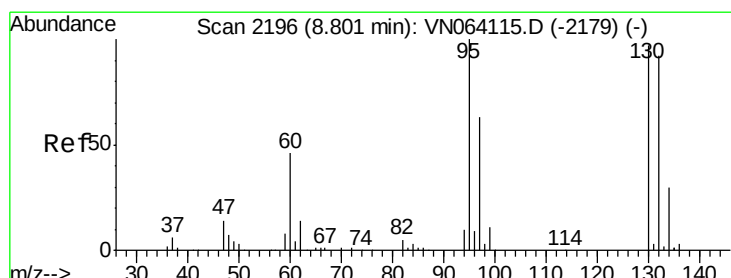
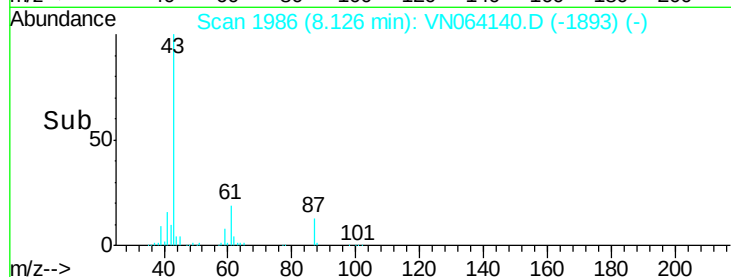
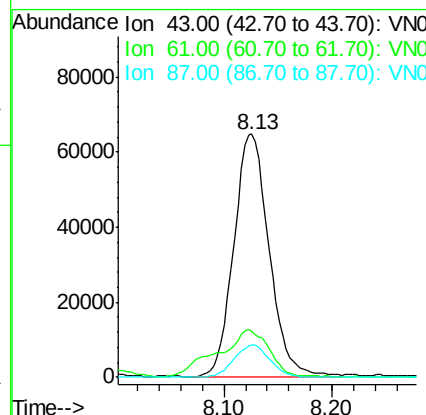
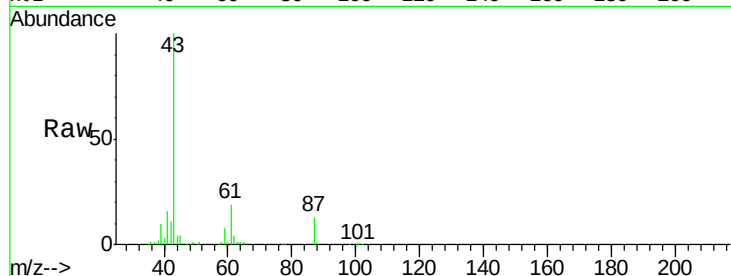
#43
Isopropyl Acetate
Concen: 19.137 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.1	21.9	32.9
87	13.5	11.0	16.4

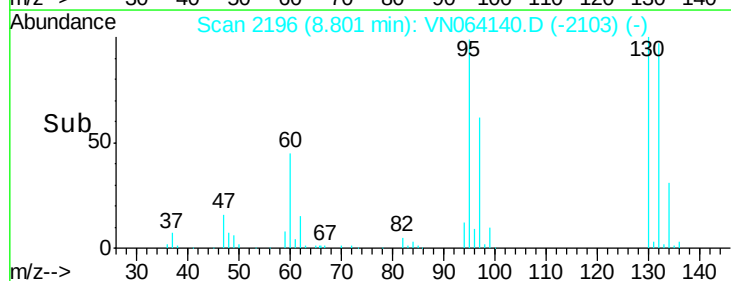
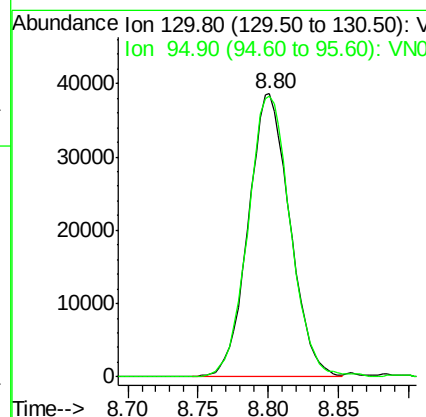
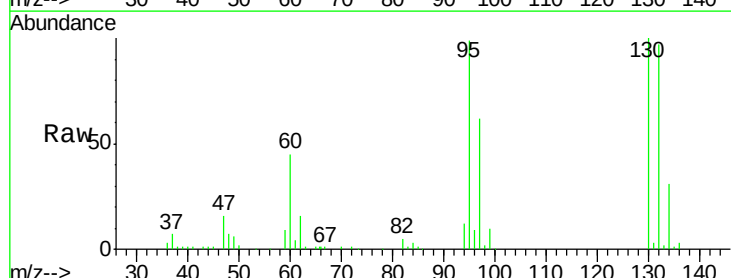
Manual Integrations
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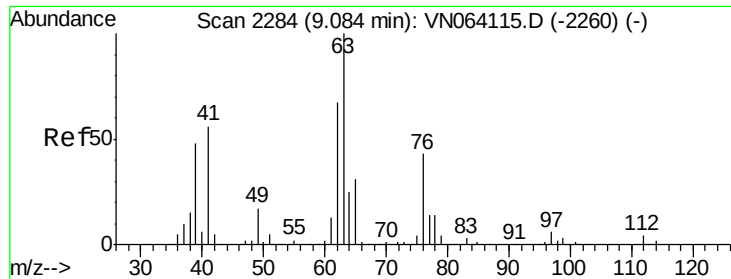
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#44
Trichloroethene
Concen: 19.207 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	206.2





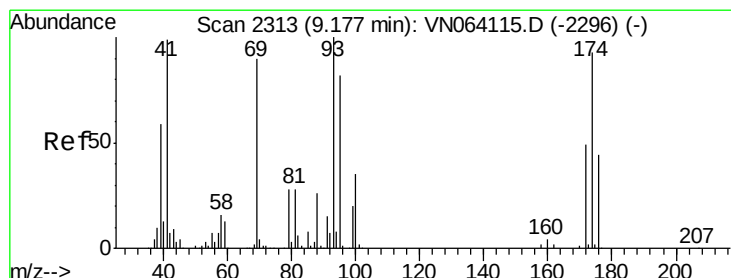
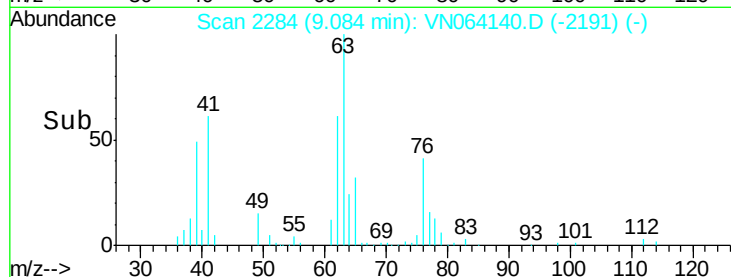
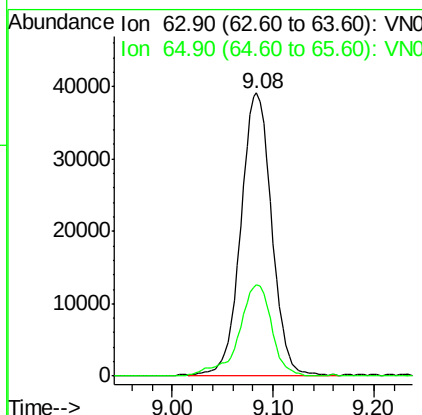
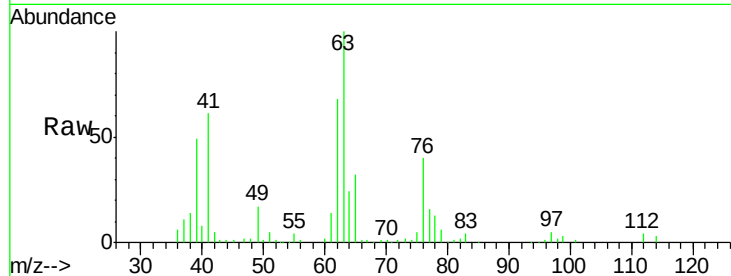
#45
 1,2-Dichloropropane
 Concen: 20.091 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Tot Ion: 63 Resp: 83008
 Ion Ratio Lower Upper
 63 100
 65 32.5 25.0 37.6

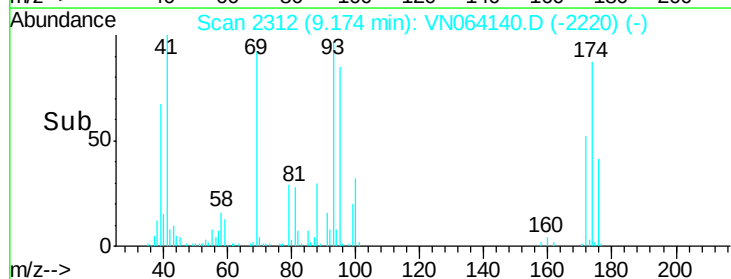
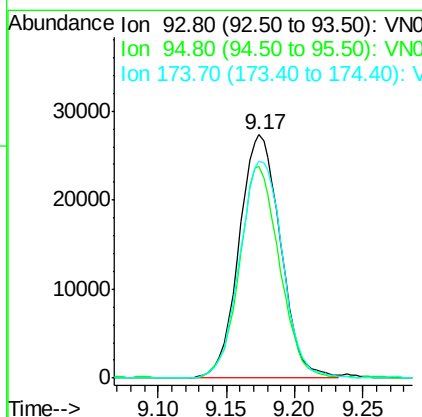
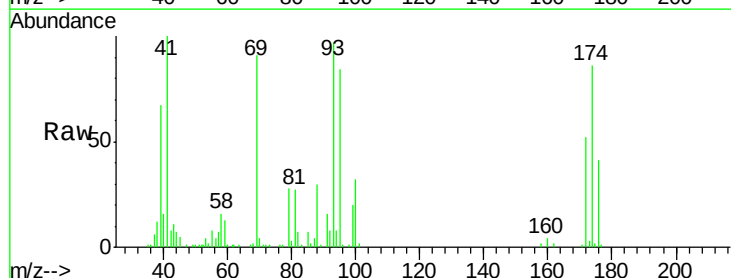
Manual Integrations
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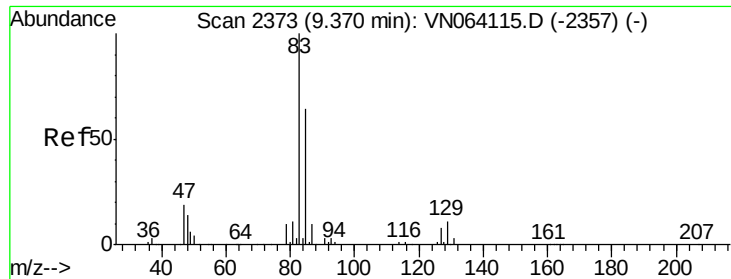
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#46
 Dibromomethane
 Concen: 19.662 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion: 93 Resp: 57634
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.8 100.2
 174 91.9 75.2 112.8





#47

Bromodichloromethane

Concen: 19.948 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

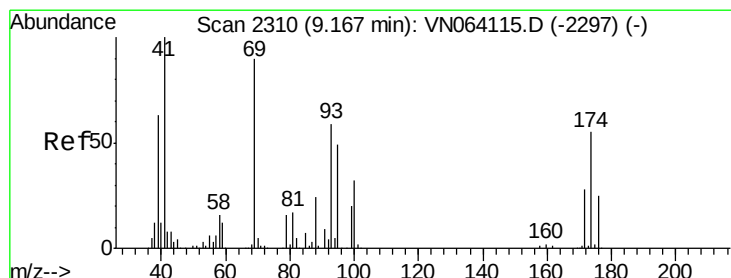
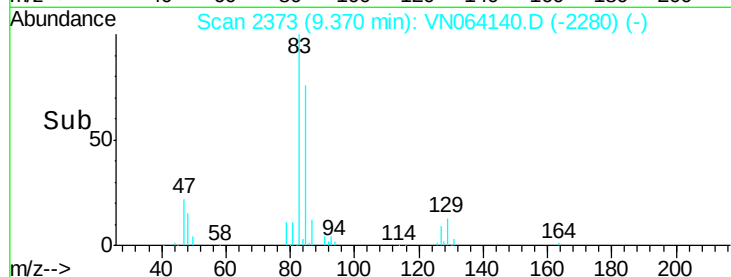
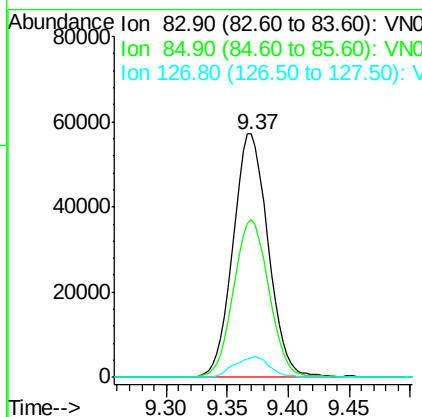
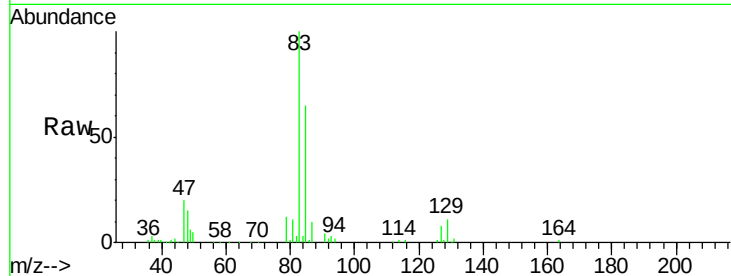
ClientSampleId :

VN1015WBSD01

Tot Ion:	83	Resp:	114397
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.8	76.2
127	8.0	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.375 ug/l

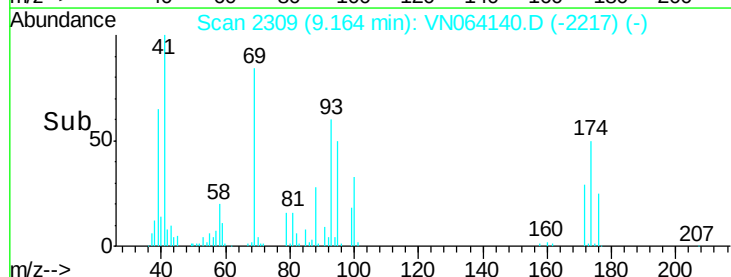
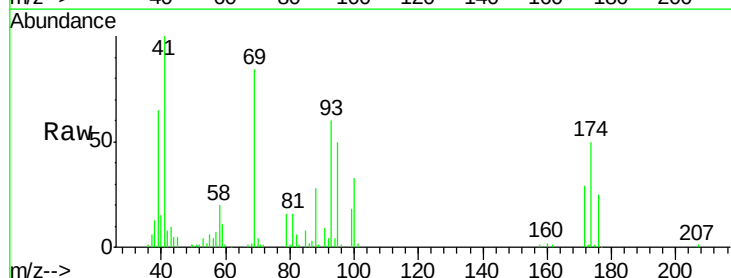
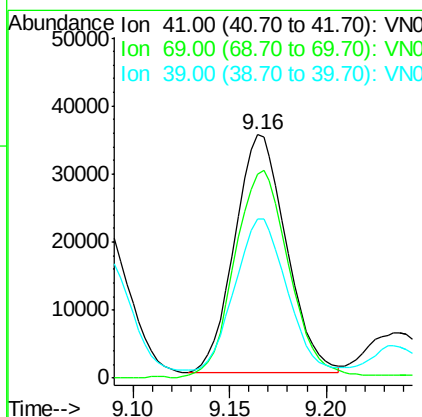
RT: 9.16 min Scan# 2309

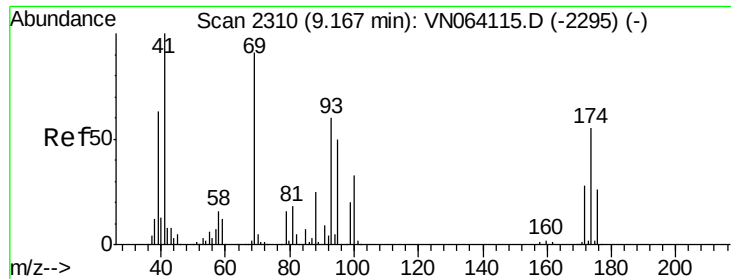
Delta R.T. -0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Tgt Ion:	41	Resp:	65090
Ion Ratio	Lower	Upper	
41	100		
69	92.9	71.4	107.2
39	68.4	52.5	78.7





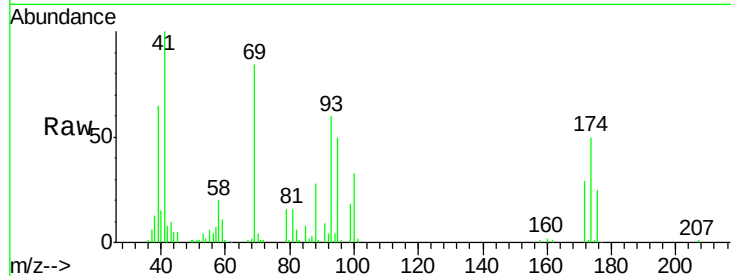
#49
1,4-Dioxane
Concen: 391.098 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion	88	Resp	21037
Ion	Ratio	Lower	Upper
88	100		
43	32.7	27.2	40.8
58	67.5	52.6	78.8

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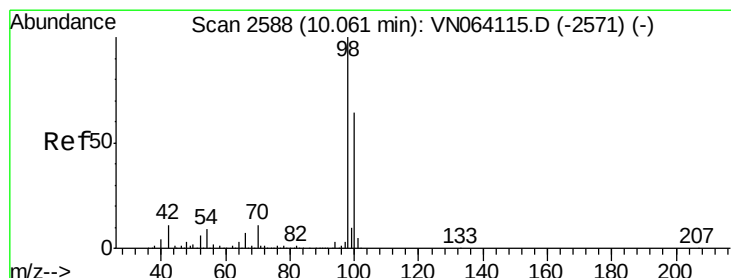
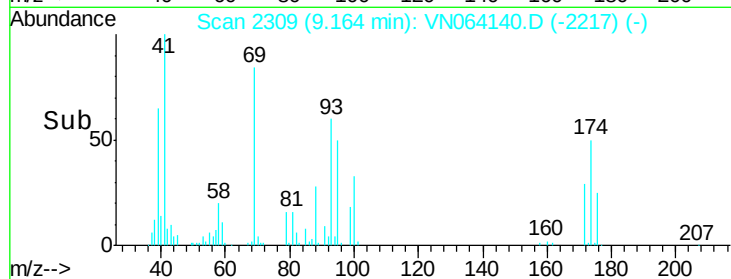
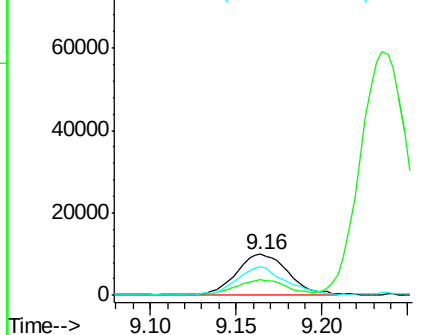


Abundance

Ion 88.00 (87.70 to 88.70): VN064140.D (-2217) (-)

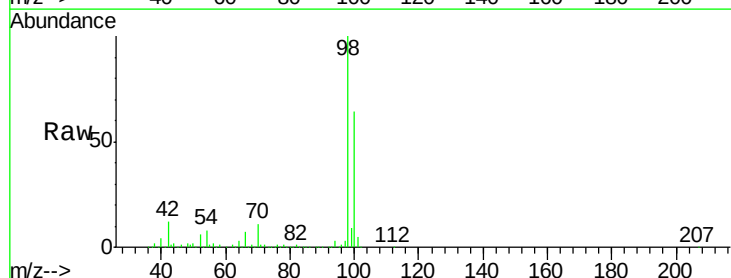
Ion 43.00 (42.70 to 43.70): VN064140.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN064140.D (-2217) (-)



#50
Toluene-d8
Concen: 48.883 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

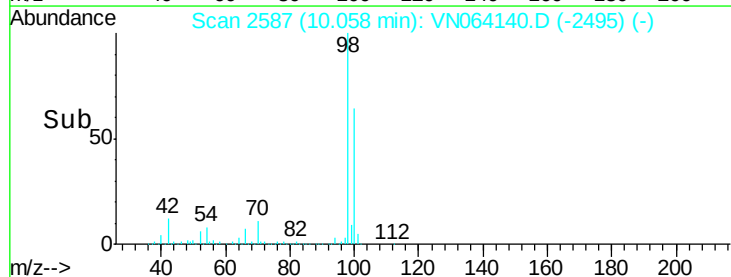
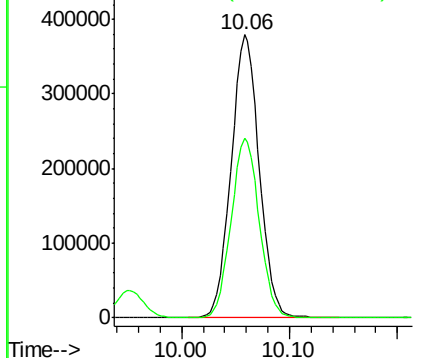
Tgt Ion	98	Resp	689700
Ion	Ratio	Lower	Upper
98	100		
100	63.4	50.8	76.2

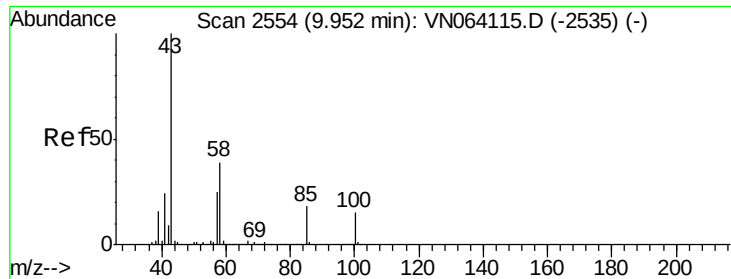


Abundance

Ion 98.00 (97.70 to 98.70): VN064140.D (-2495) (-)

Ion 100.00 (99.70 to 100.70): VN064140.D (-2495) (-)





#51

4-Methyl-2-Pentanone

Concen: 99.712 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion: 43 Resp: 452478

Ion Ratio Lower Upper

43 100

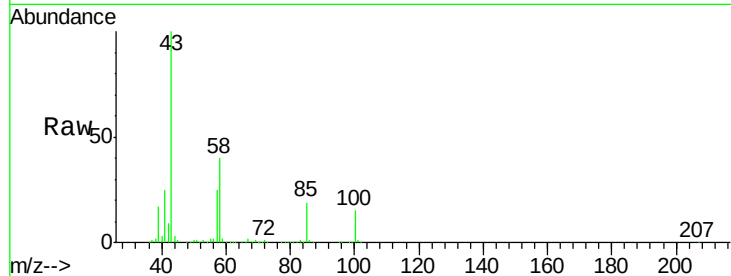
58 38.5 31.2 46.8

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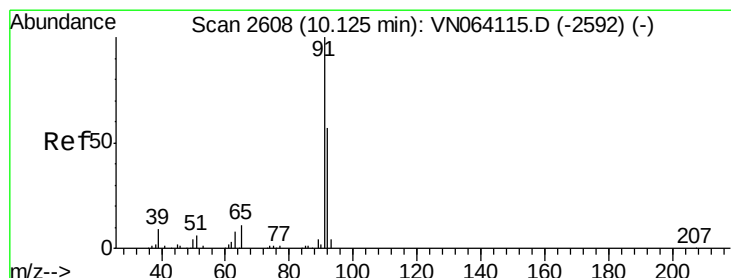
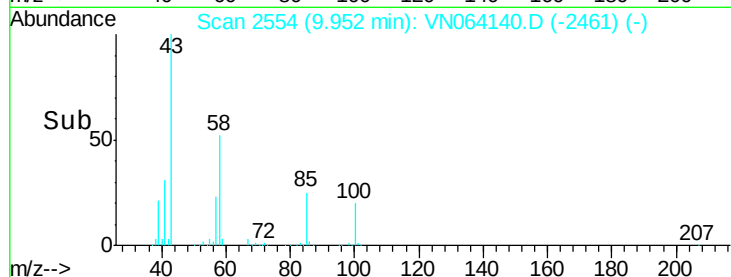
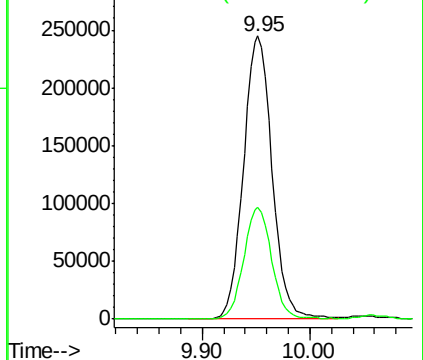
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.729 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064140.D

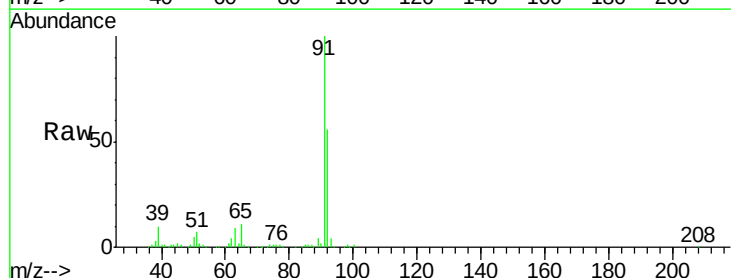
Acq: 15 Oct 2020 13:55

Tgt Ion: 92 Resp: 191162

Ion Ratio Lower Upper

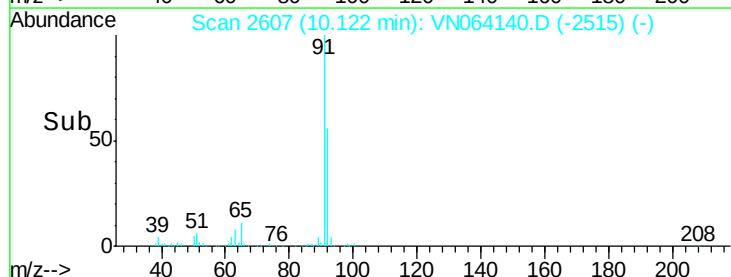
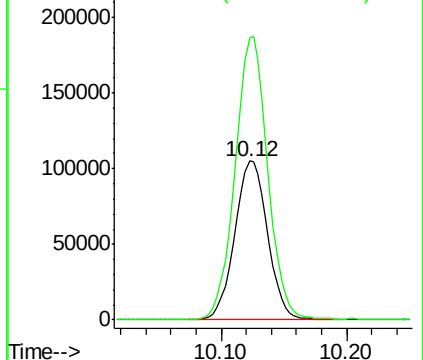
92 100

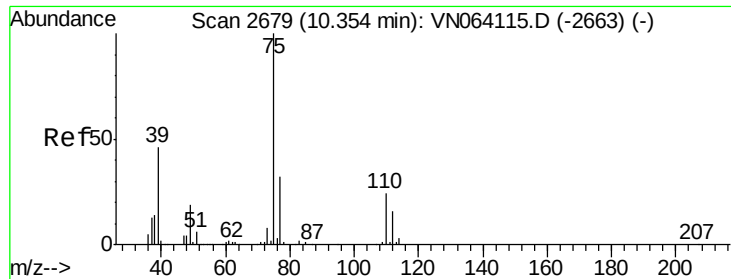
91 176.9 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





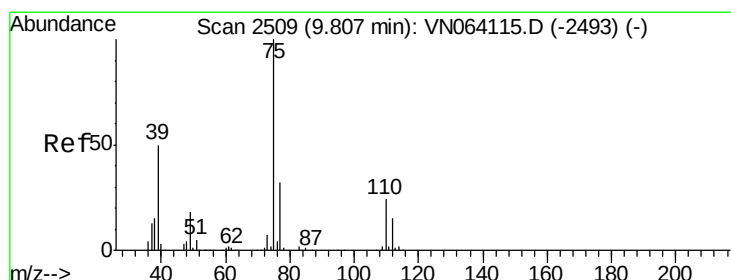
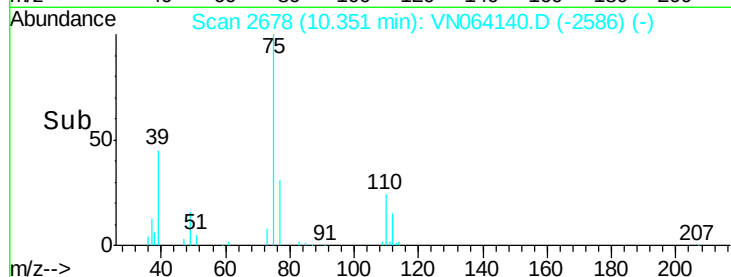
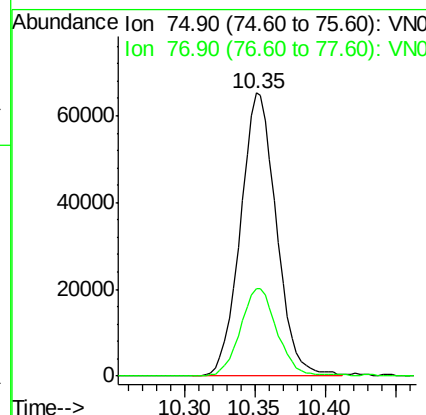
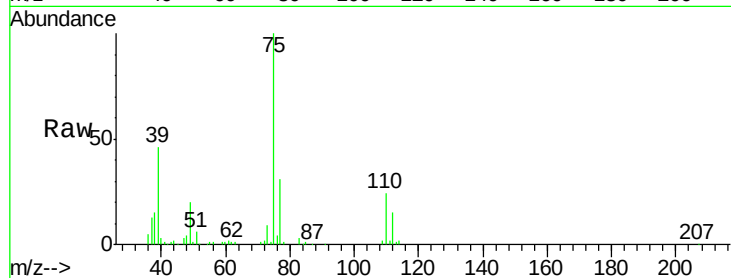
#53
t-1,3-Dichloropropene
Concen: 19.786 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion: 75 Resp: 116423
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

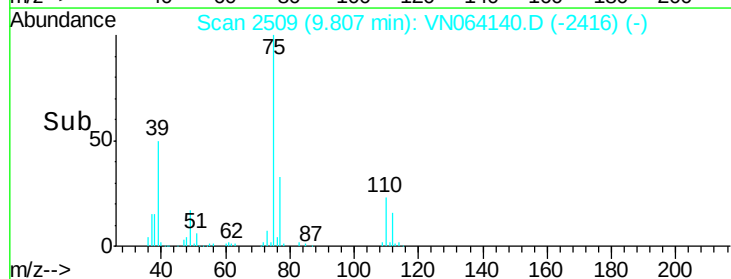
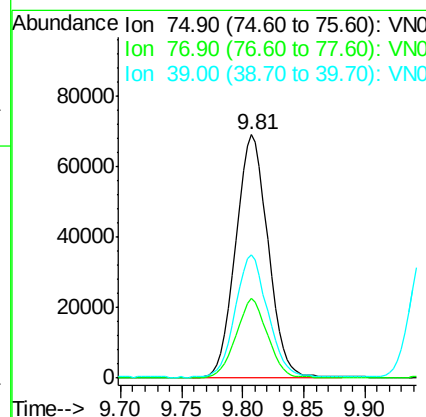
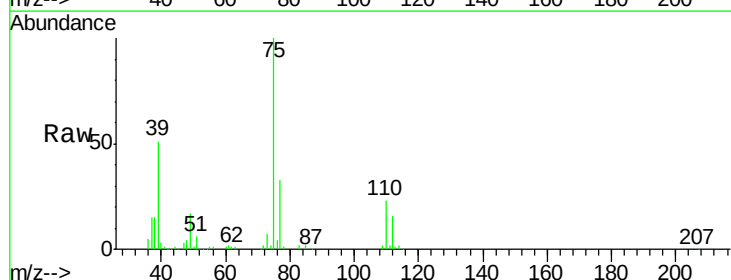
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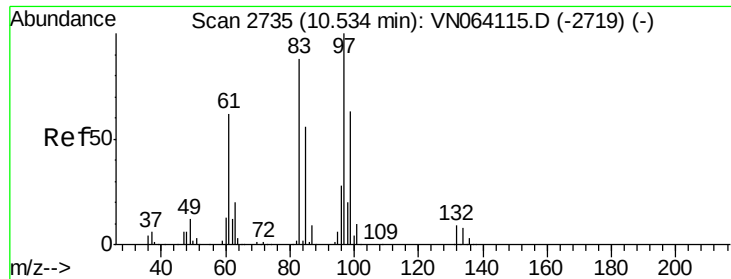
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#54
cis-1,3-Dichloropropene
Concen: 19.786 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion: 75 Resp: 127925
Ion Ratio Lower Upper
75 100
77 32.6 25.2 37.8
39 50.4 39.8 59.8





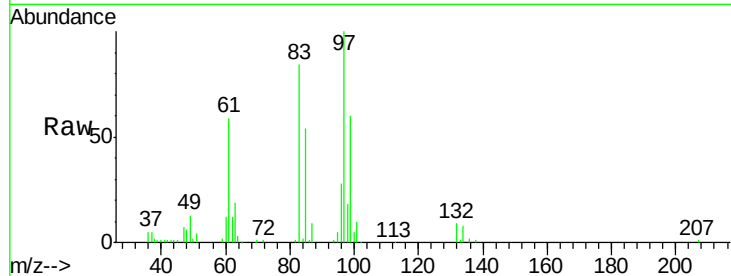
#55
 1,1,2-Trichloroethane
 Concen: 20.076 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

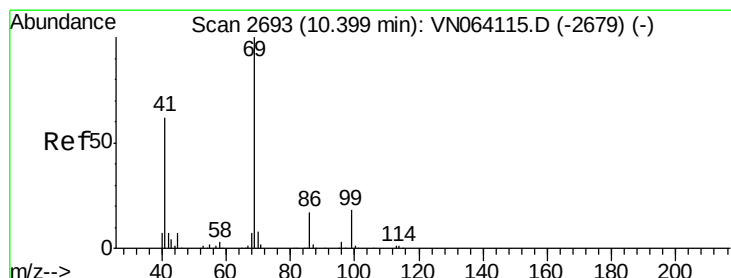
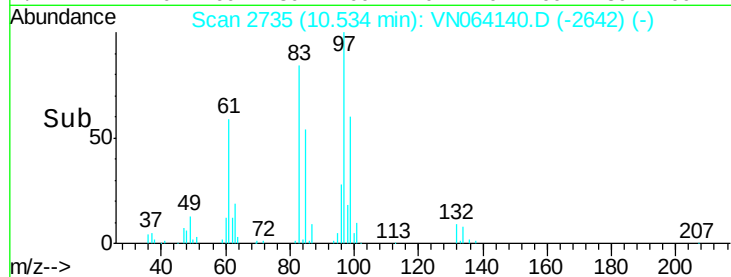
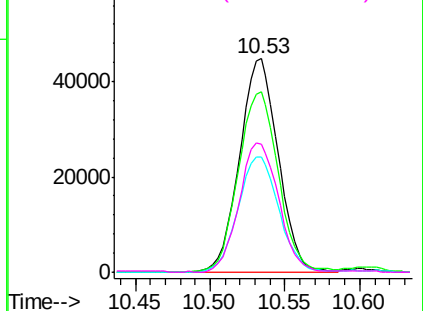
Tot Ion:	97	Resp:	80586
Ion	Ratio	Lower	Upper
97	100		
83	84.4	70.2	105.4
85	54.1	45.0	67.6
99	59.5	50.7	76.1

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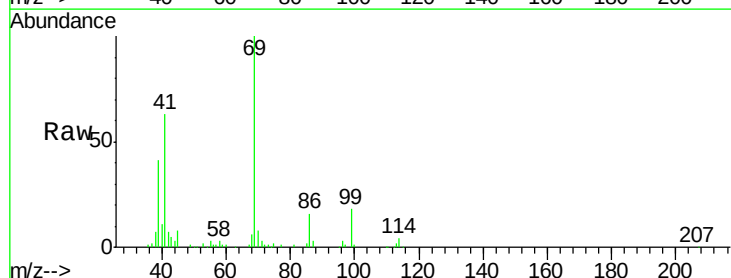


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

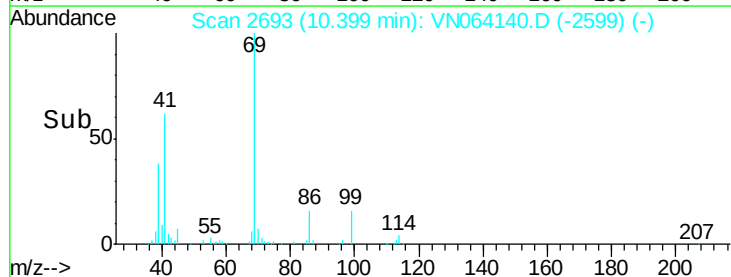
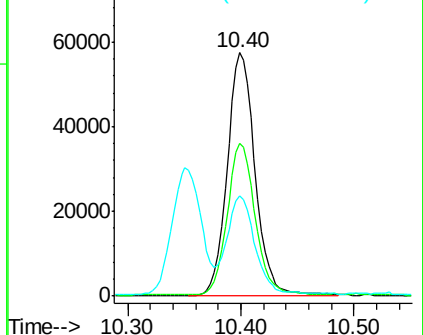


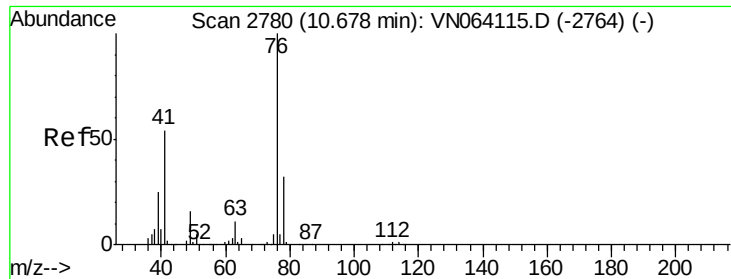
#56
 Ethyl methacrylate
 Concen: 18.566 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion:	69	Resp:	99171
Ion	Ratio	Lower	Upper
69	100		
41	61.7	49.3	73.9
39	38.7	32.7	49.1



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





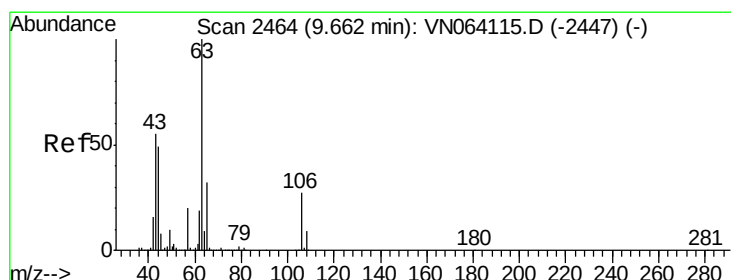
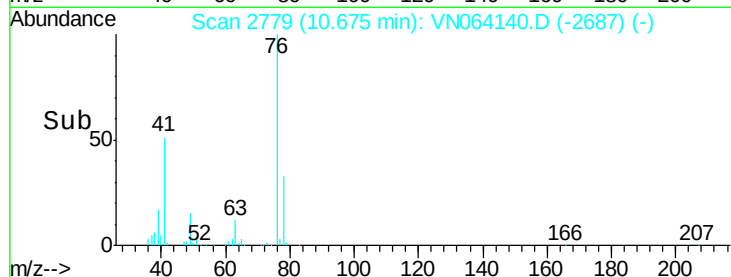
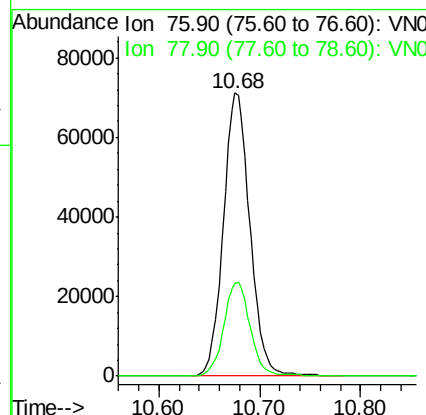
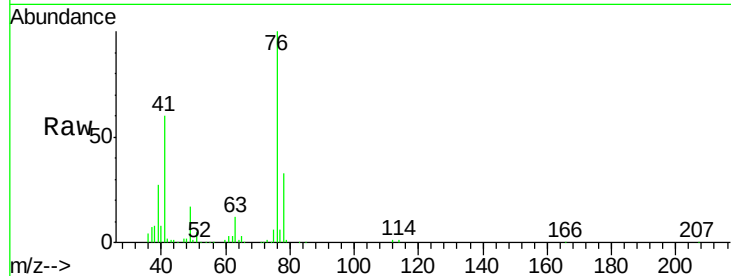
#57
 1,3-Dichloropropane
 Concen: 19.789 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	26.1	39.1

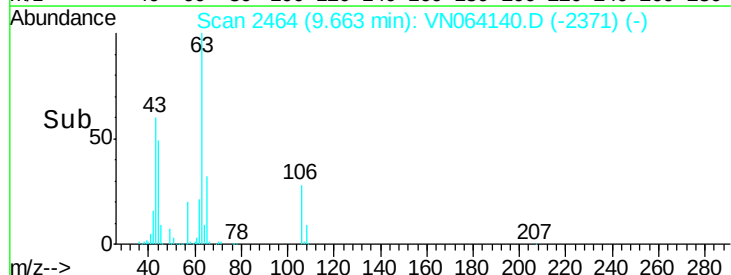
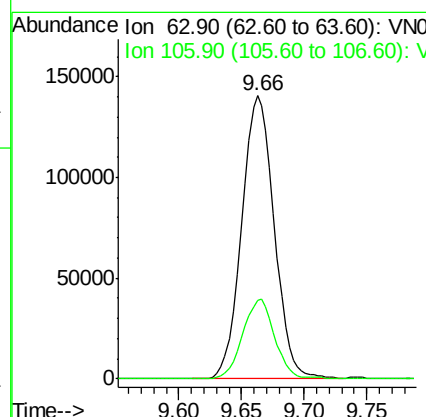
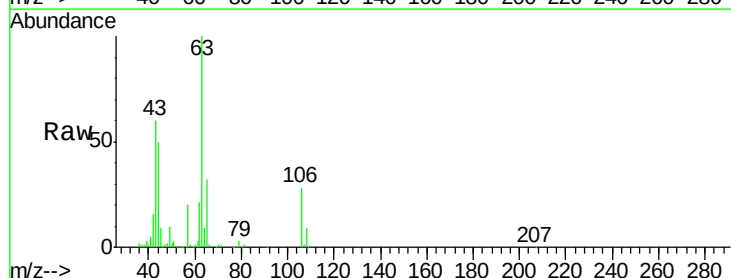
Manual Integrations
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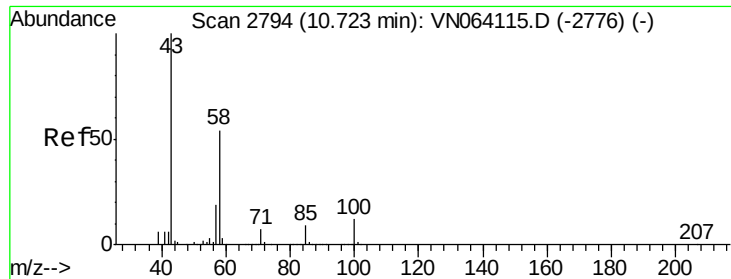
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.650 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	21.8	32.6





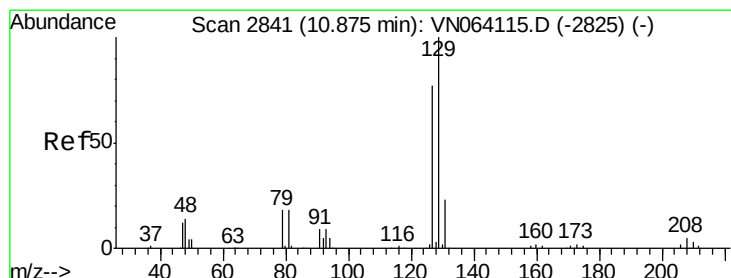
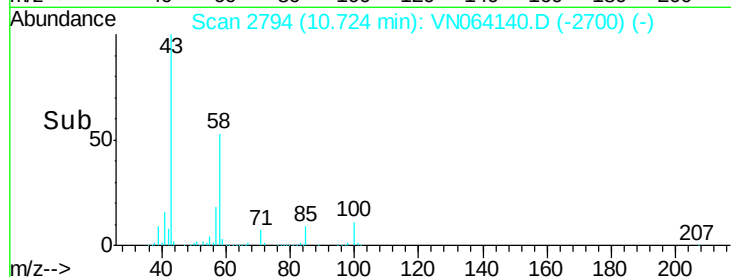
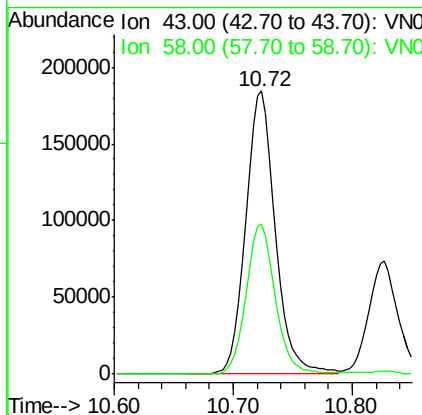
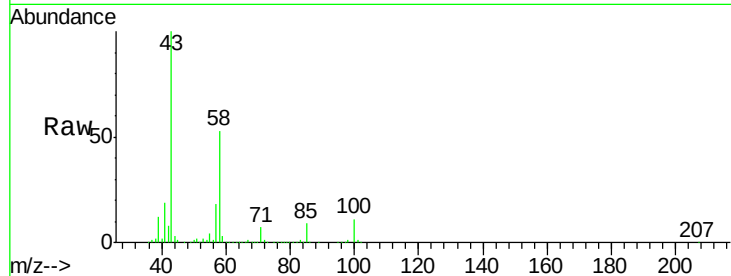
#59
2-Hexanone
Concen: 94.106 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion: 43 Resp: 314708
Ion Ratio Lower Upper
43 100
58 52.8 27.2 81.6

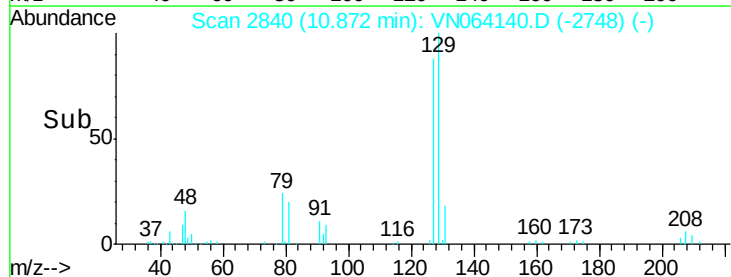
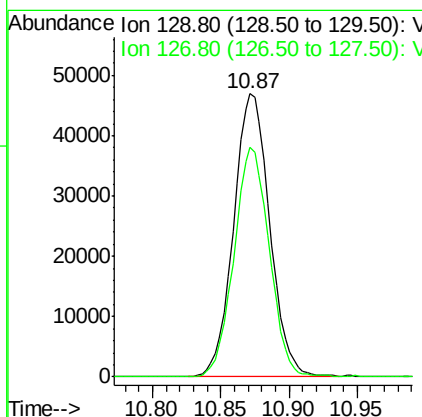
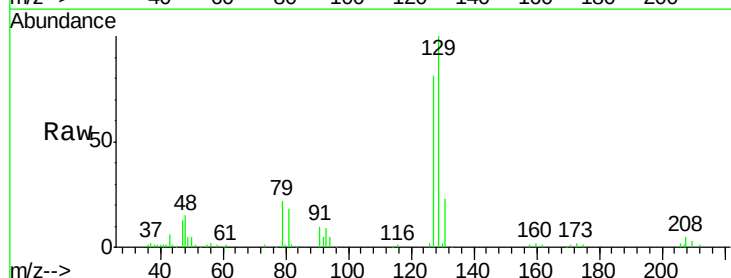
Manual Integrations
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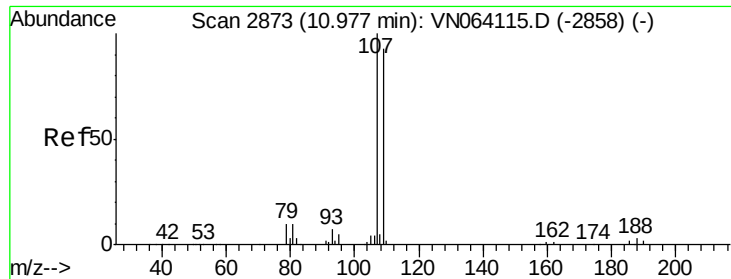
apatel
10/19/2020 11:26:01 AM



#60
Dibromochloromethane
Concen: 19.119 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion: 129 Resp: 86208
Ion Ratio Lower Upper
129 100
127 79.2 38.2 114.6





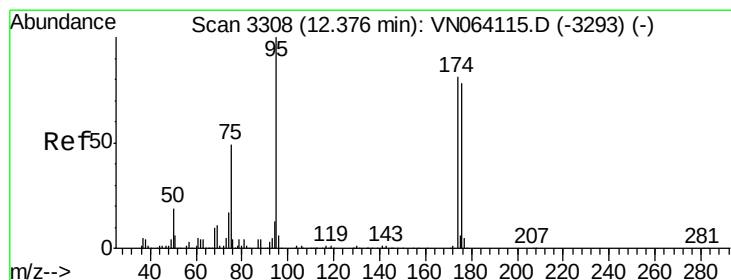
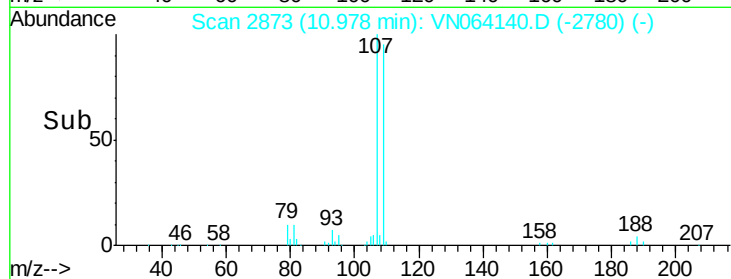
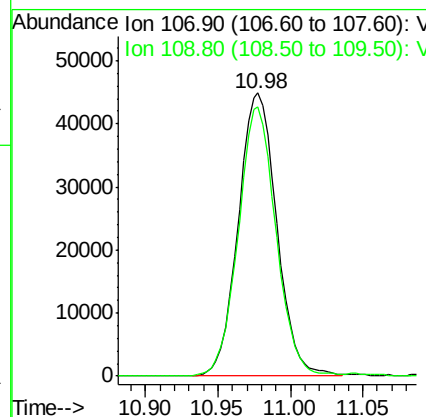
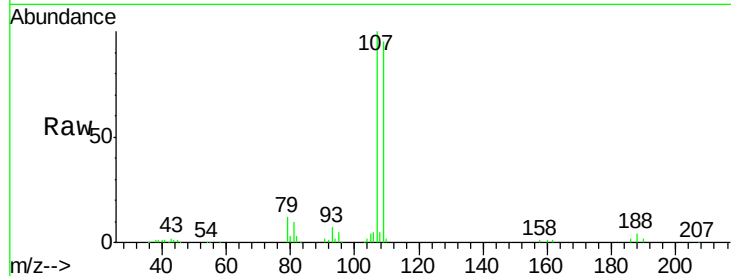
#61
 1,2-Dibromoethane
 Concen: 20.228 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Tot Ion: 107 Resp: 82645
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.2 112.8

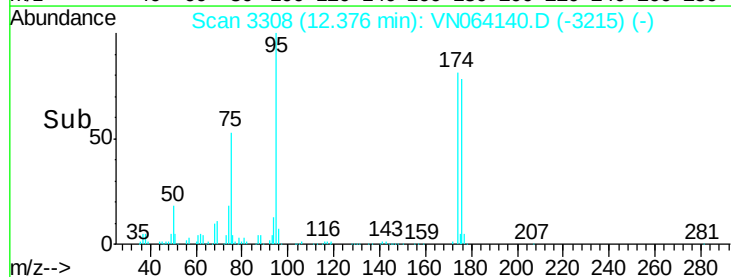
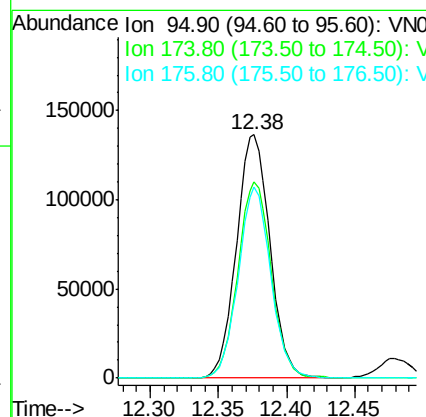
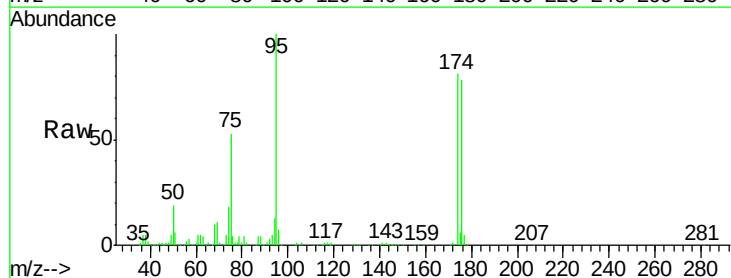
Manual Integrations
 APPROVED

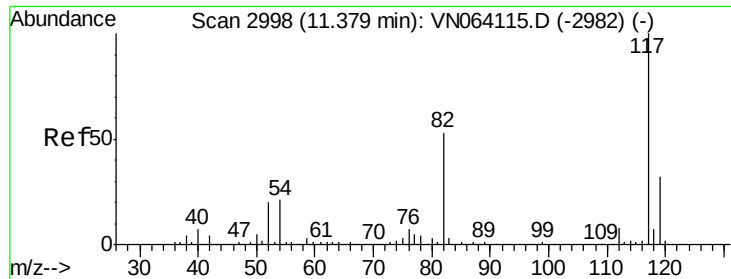
apatel
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#62
 4-Bromofluorobenzene
 Concen: 48.035 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion: 95 Resp: 232952
 Ion Ratio Lower Upper
 95 100
 174 80.3 0.0 164.8
 176 76.3 0.0 157.8





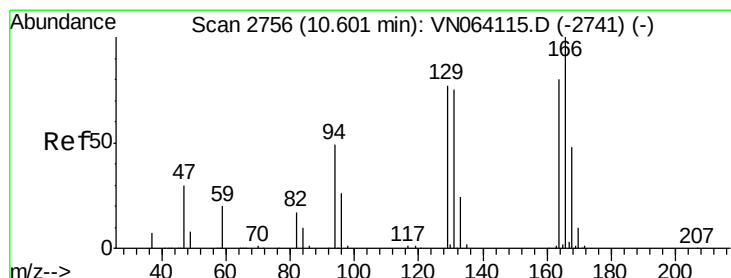
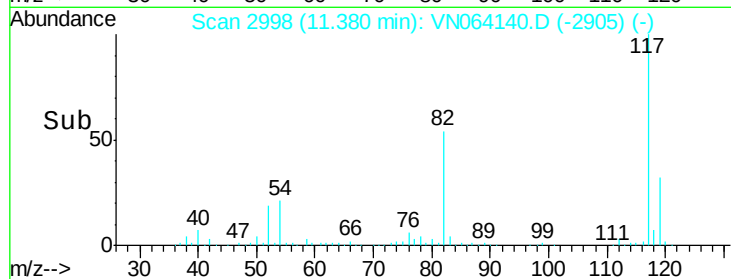
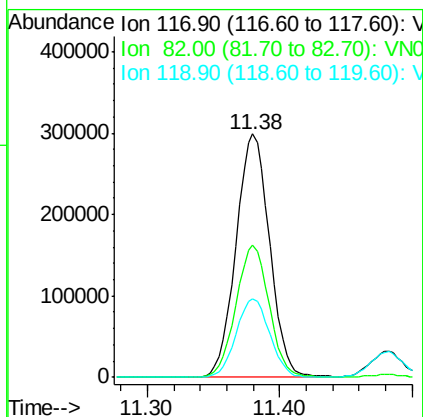
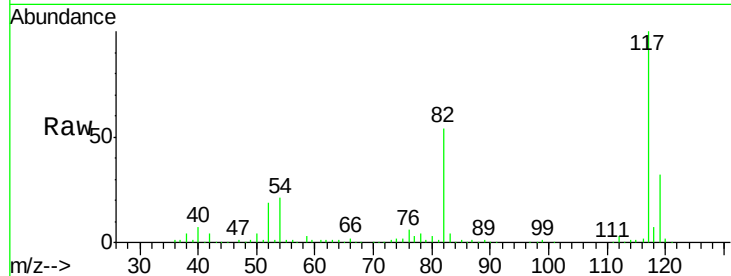
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.6	63.8
119	32.4	25.5	38.3

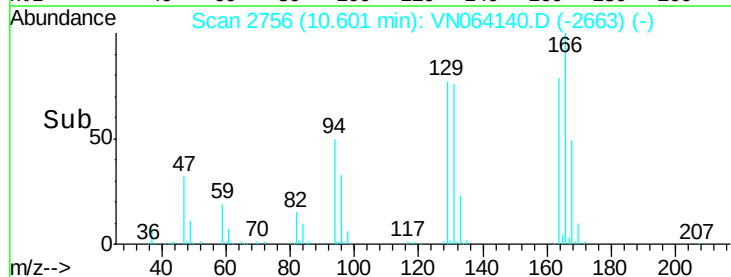
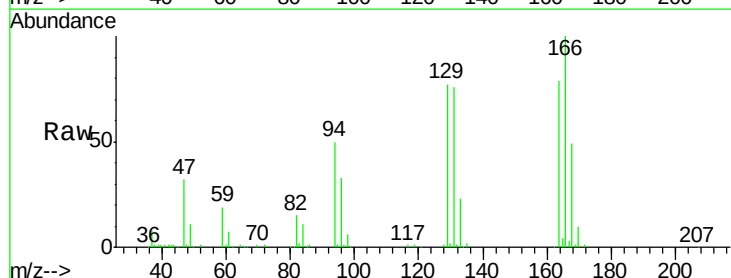
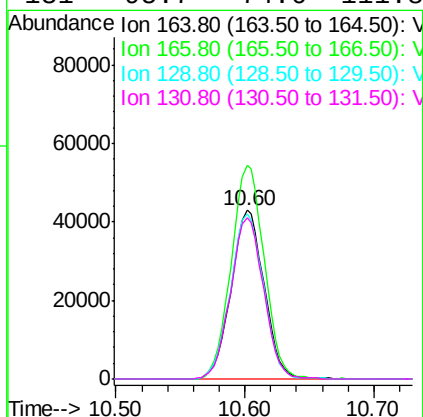
Manual Integrations
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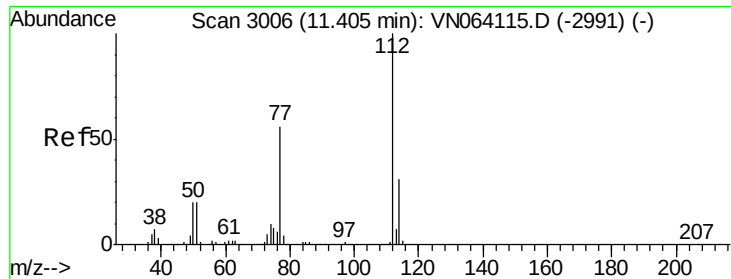
apatel
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#64
Tetrachloroethene
Concen: 19.225 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.7	99.7	149.5
129	97.9	77.0	115.4
131	95.7	74.6	111.8





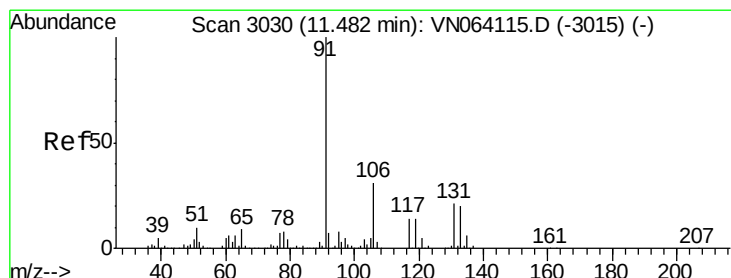
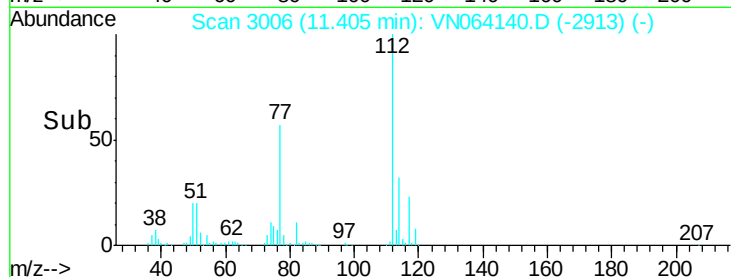
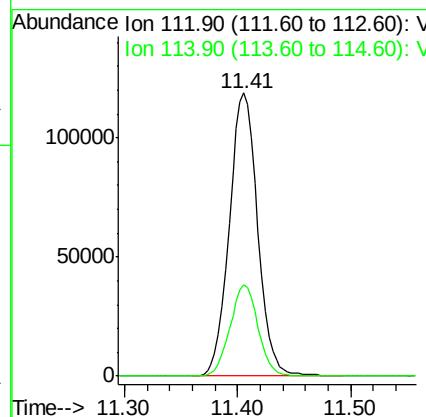
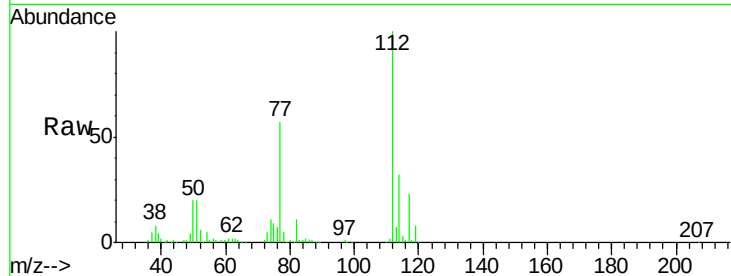
#65
Chlorobenzene
Concen: 18.647 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	24.6	37.0

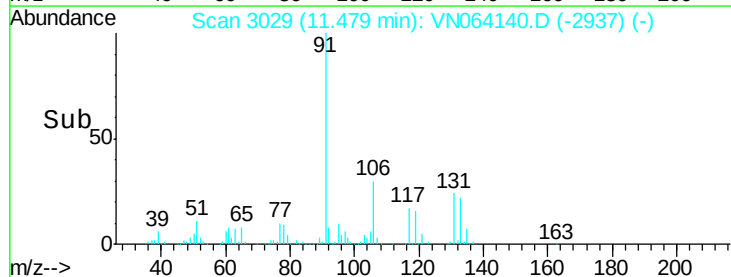
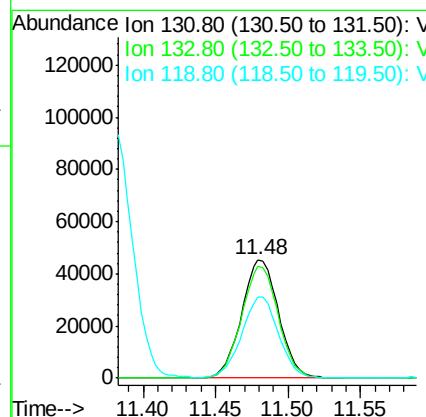
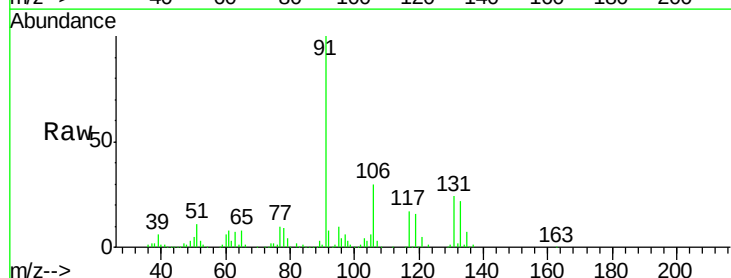
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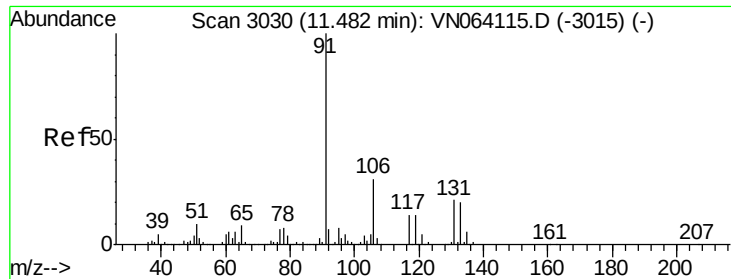
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.101 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.6	47.3	141.9
119	68.9	32.8	98.4





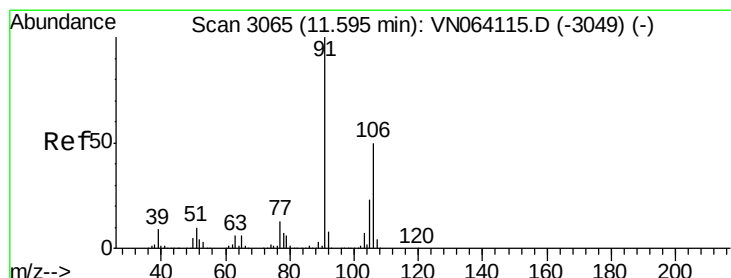
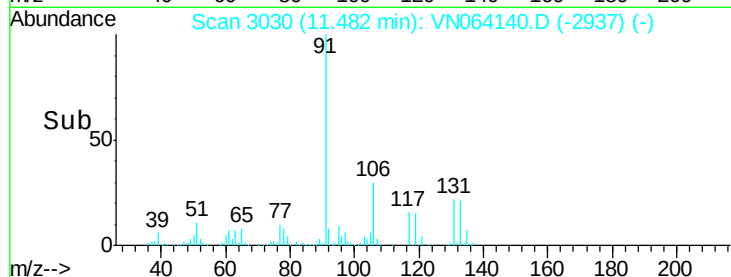
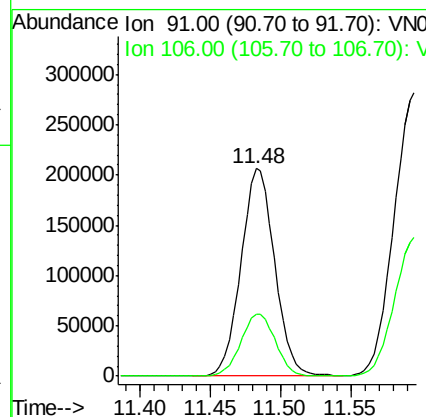
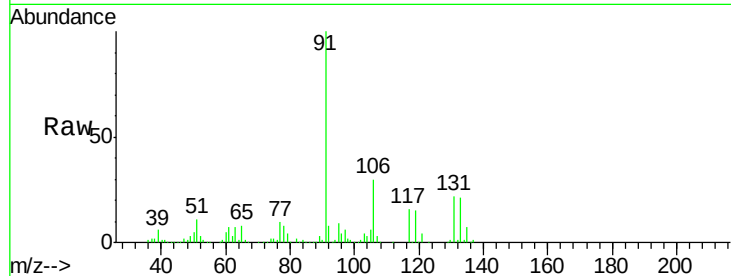
#67
Ethyl Benzene
Concen: 18.634 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion: 91 Resp: 345969
Ion Ratio Lower Upper
91 100
106 29.8 24.7 37.1

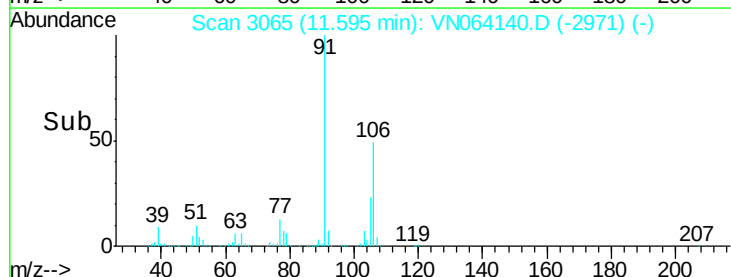
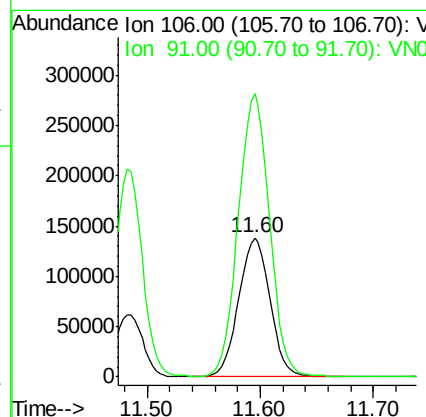
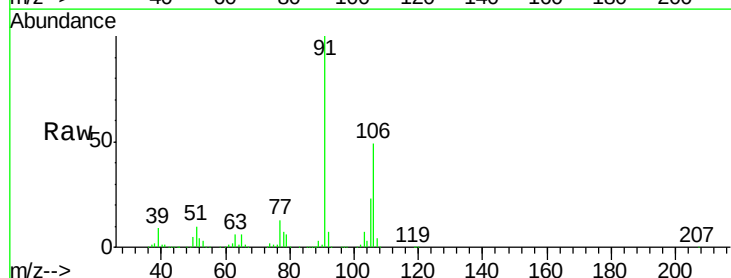
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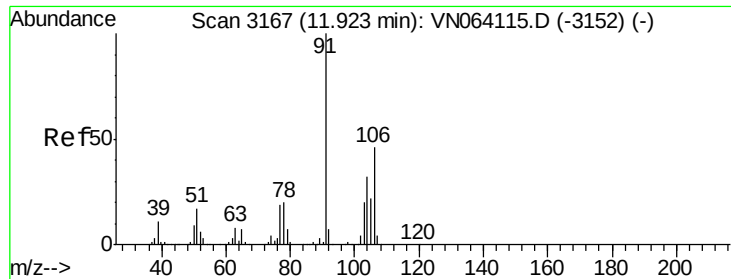
apatel
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#68
m/p-Xylenes
Concen: 36.251 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion: 106 Resp: 266524
Ion Ratio Lower Upper
106 100
91 203.2 162.1 243.1





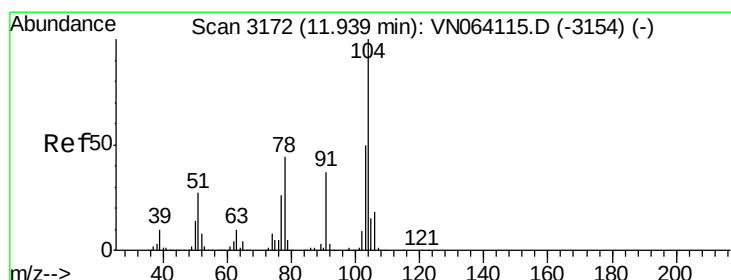
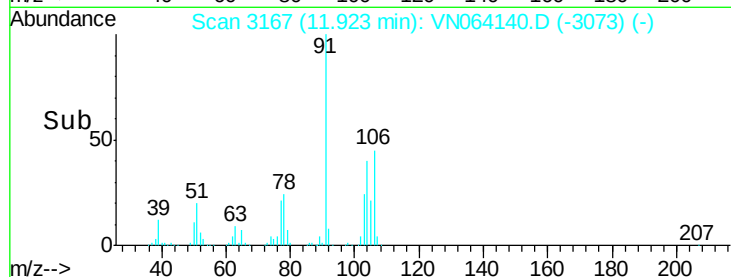
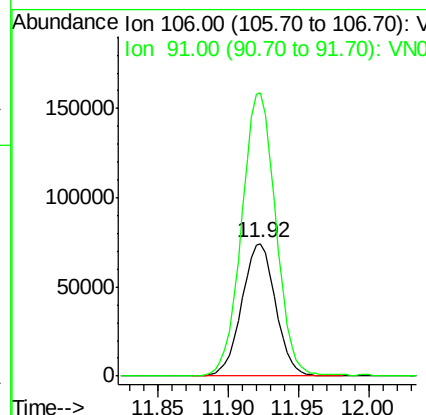
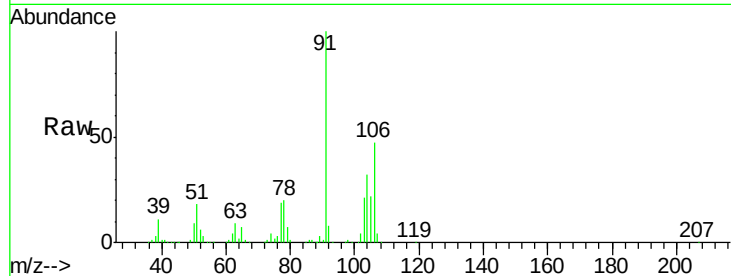
#69
o-Xylene
Concen: 18.120 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampled :
VN1015WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	125077		
91	91	215.5	107.6	322.8	

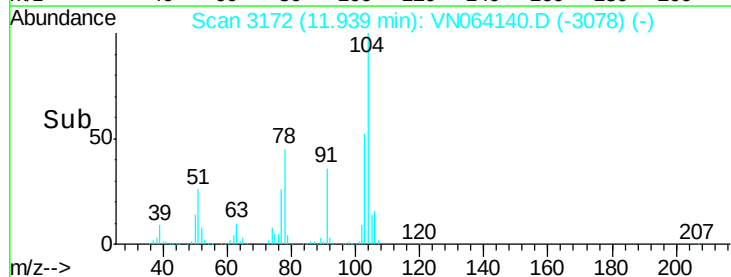
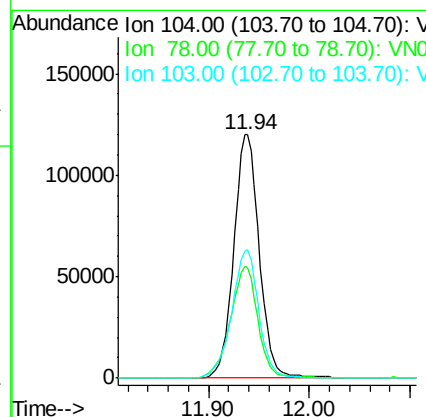
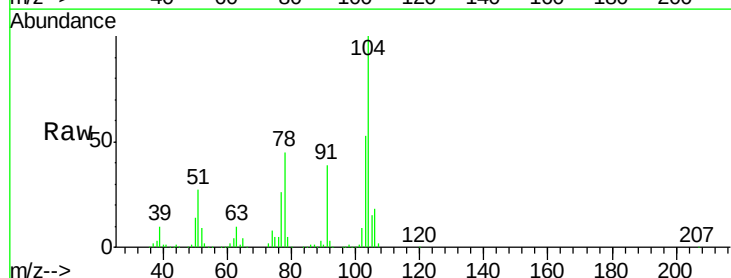
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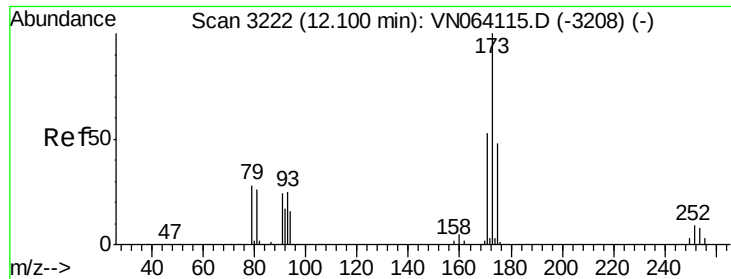
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#70
Styrene
Concen: 18.068 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	211059		
78	78	49.2	39.7	59.5	
103	103	56.2	44.2	66.2	





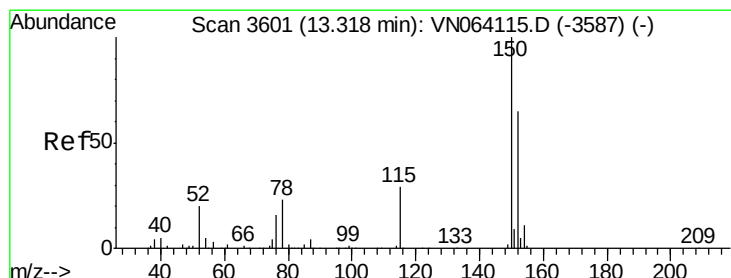
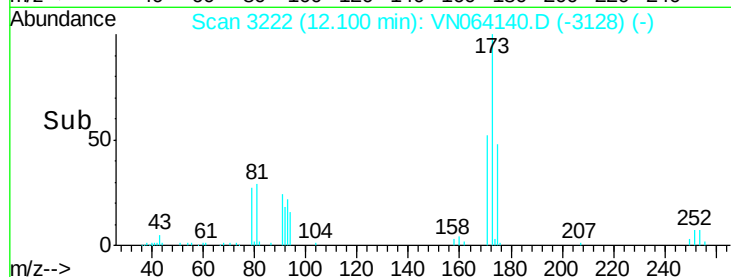
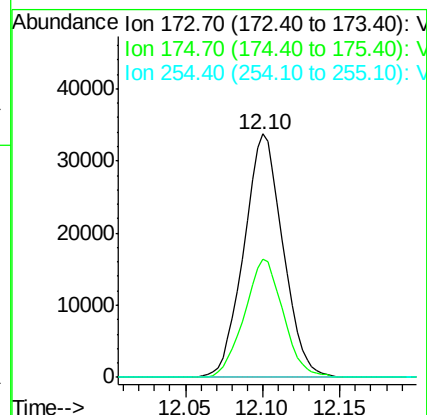
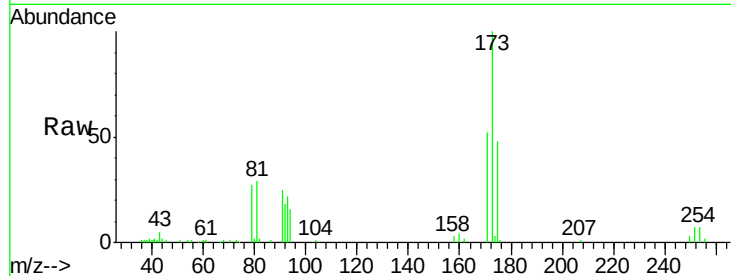
#71
Bromoform
Concen: 18.490 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	23.4	70.2
254	0.0	0.1	0.1#

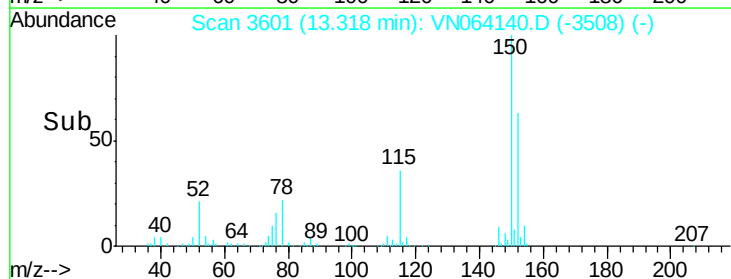
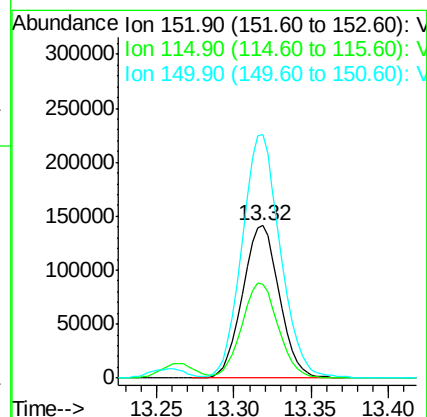
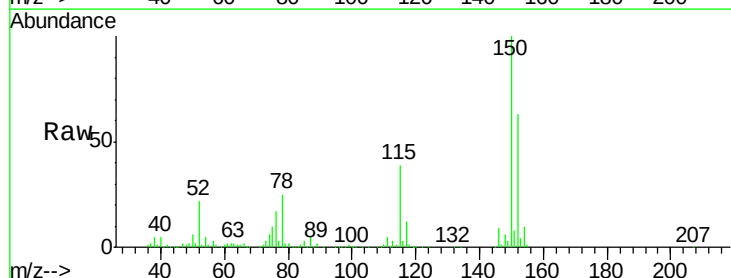
Manual Integrations
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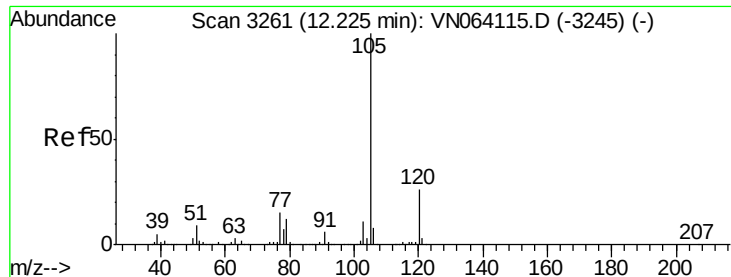
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	29.3	87.8
150	165.0	0.0	346.0





#73

Isopropylbenzene

Concen: 19.025 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion: 105 Resp: 324261

Ion Ratio Lower Upper

105 100

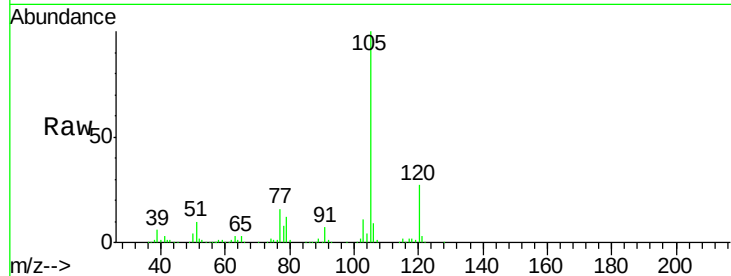
120 26.6 13.2 39.5

Manual Integrations

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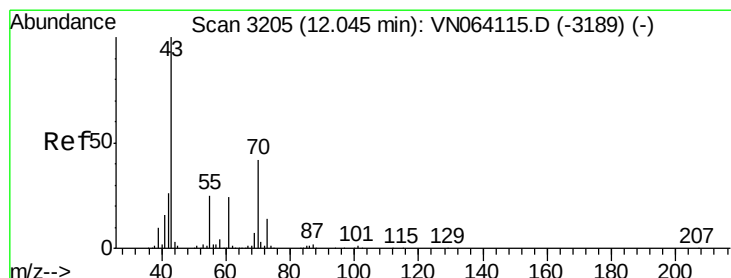
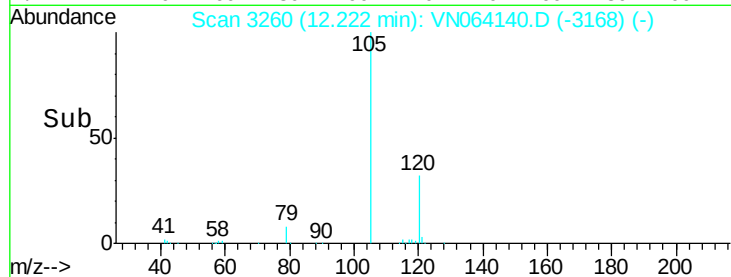
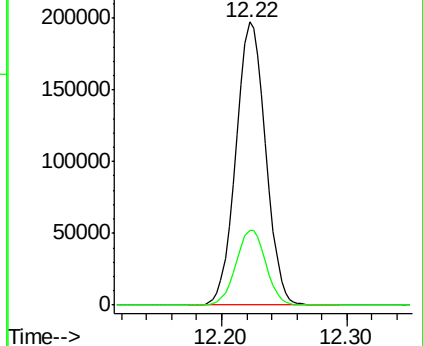
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.023 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Tgt Ion: 43 Resp: 115038

Ion Ratio Lower Upper

43 100

70 42.6 33.2 49.8

55 26.6 19.9 29.9

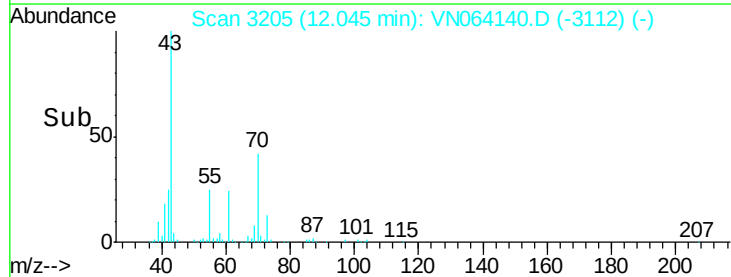
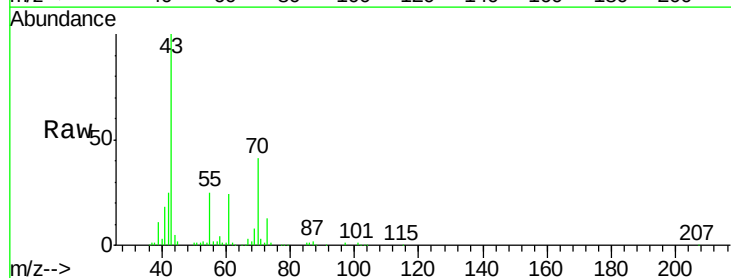
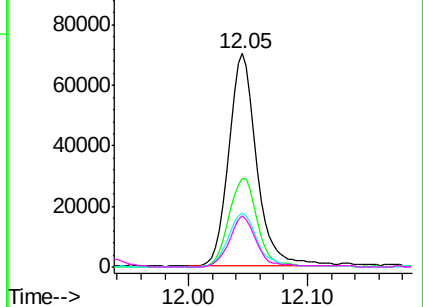
61 23.0 18.8 28.2

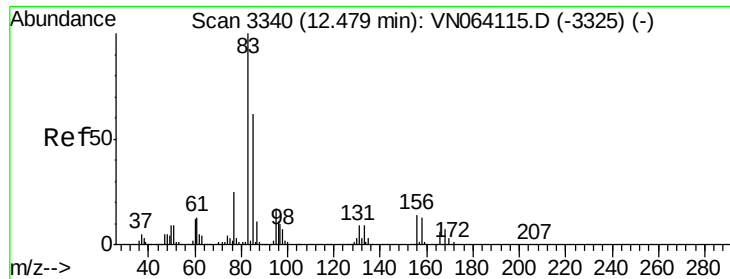
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 18.750 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

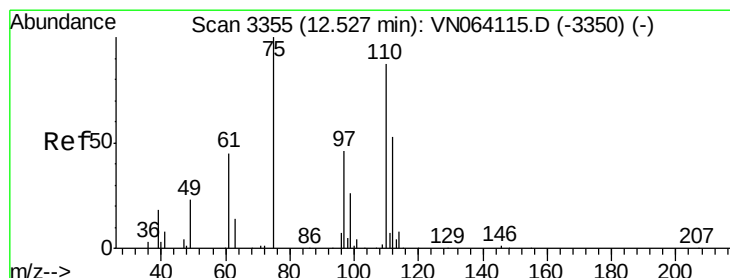
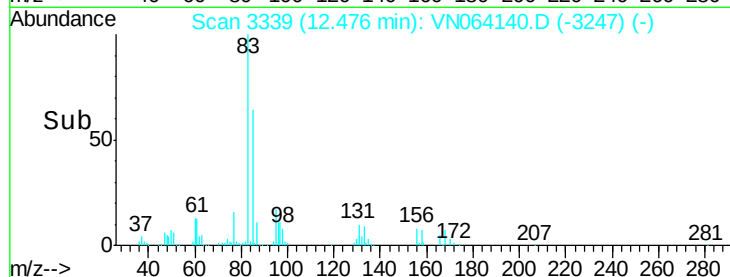
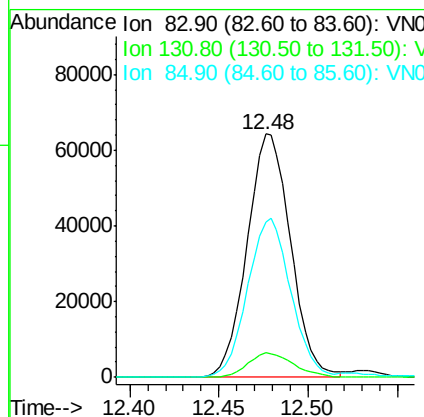
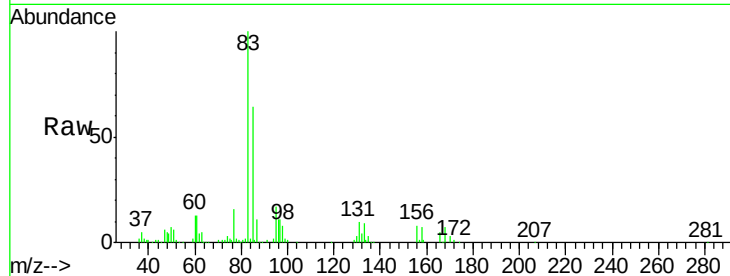
ClientSampleId :

VN1015WBSD01

Tot Ion:	83	Resp:	110024
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	15.0
85	64.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.733 ug/l m

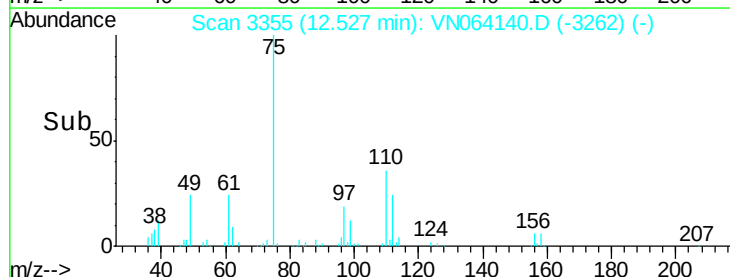
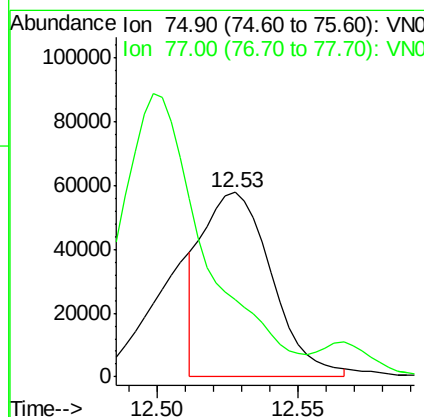
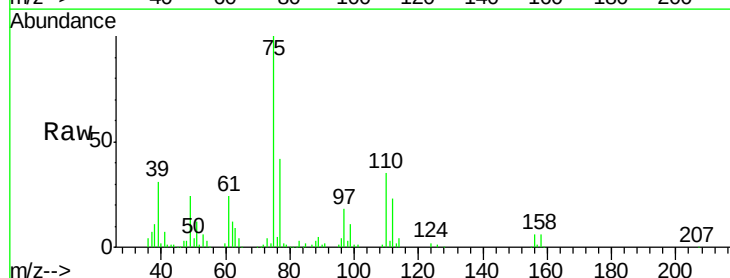
RT: 12.53 min Scan# 3355

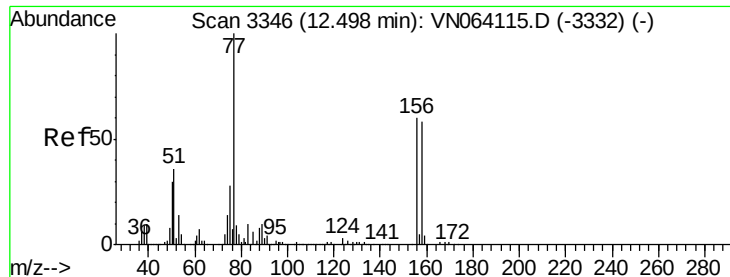
Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Tgt Ion:	75	Resp:	97887
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.402 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion:156 Resp: 89773

Ion Ratio Lower Upper

156 100

77 207.6 99.3 297.9

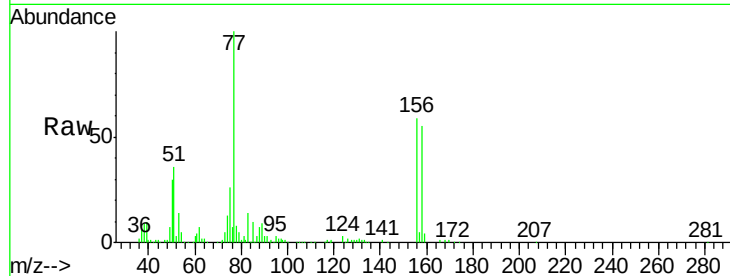
158 94.5 48.6 145.9

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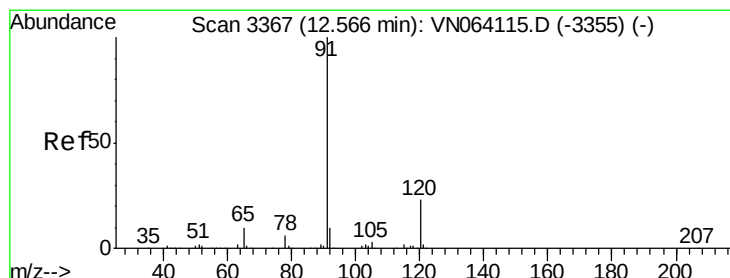
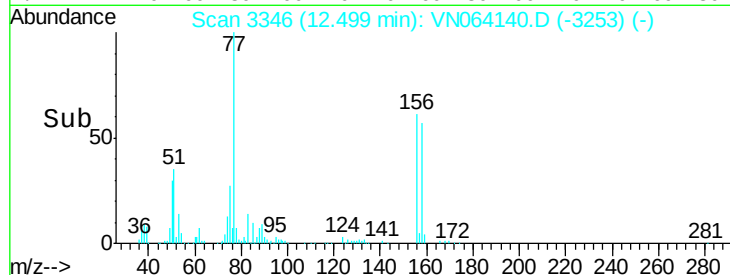
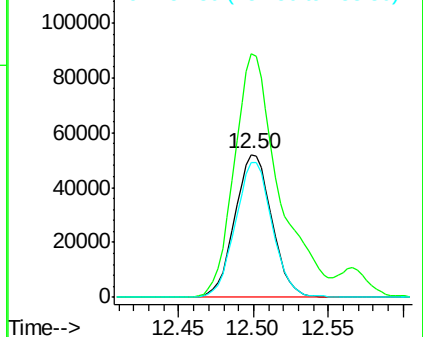
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.307 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064140.D

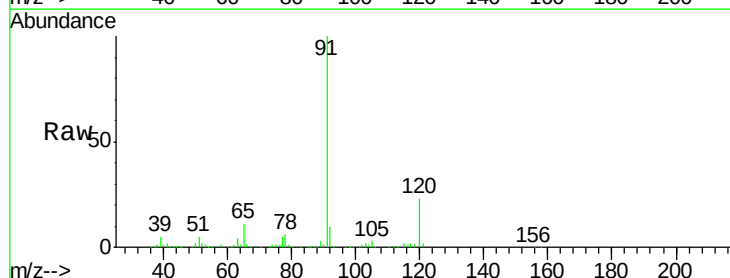
Acq: 15 Oct 2020 13:55

Tgt Ion: 91 Resp: 367281

Ion Ratio Lower Upper

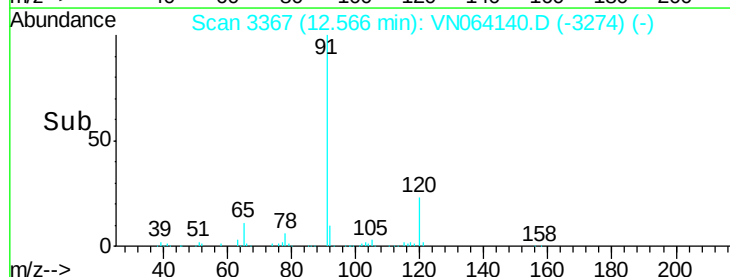
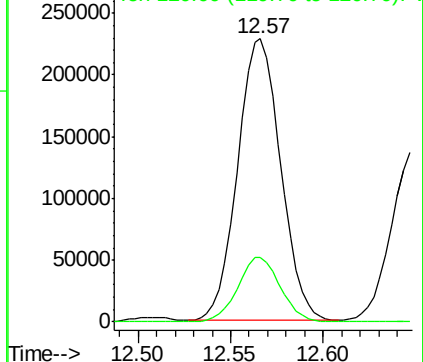
91 100

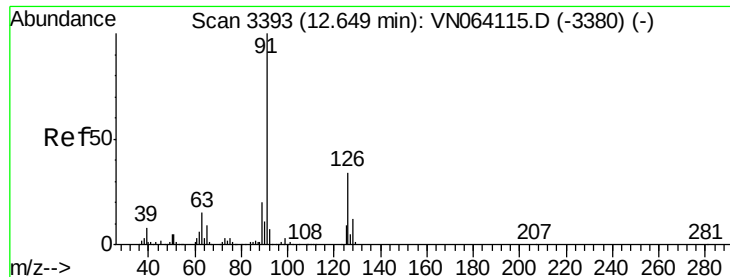
120 22.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.969 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

ClientSampleId :

VN1015WBSD01

Tot Ion: 91 Resp: 229500

Ion Ratio Lower Upper

91 100

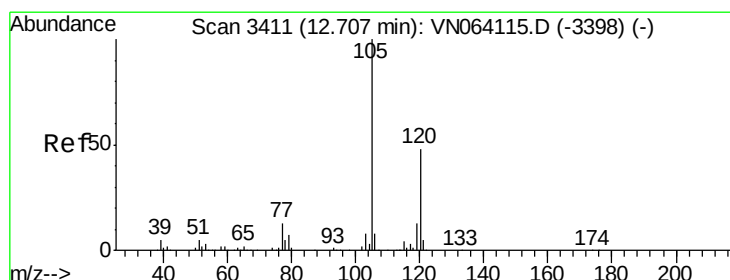
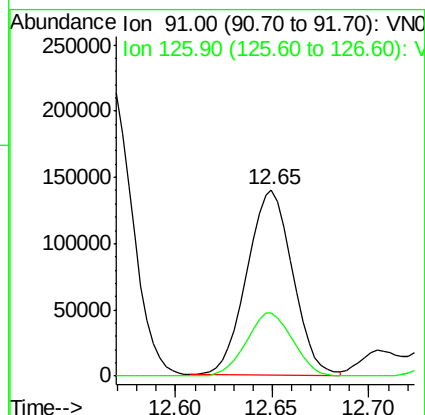
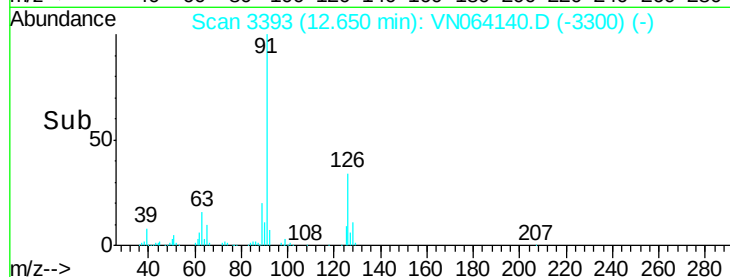
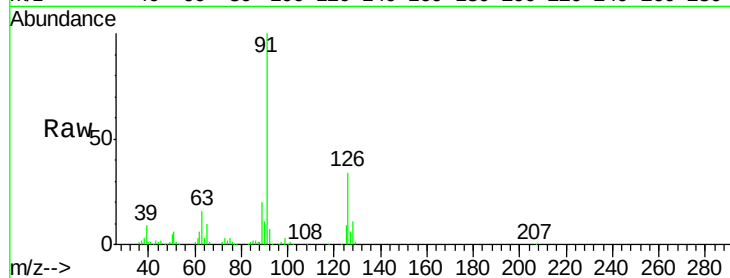
126 35.0 17.5 52.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.511 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064140.D

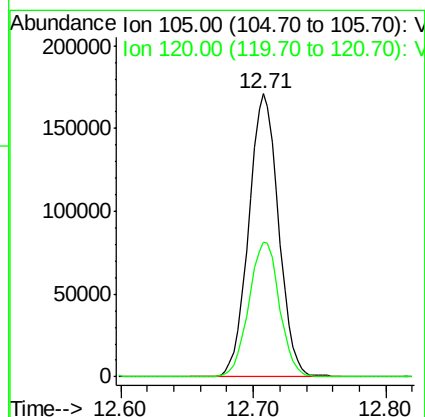
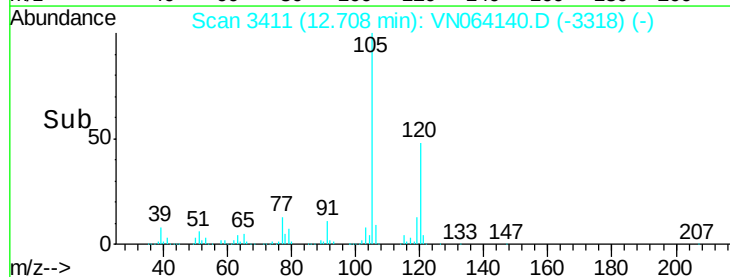
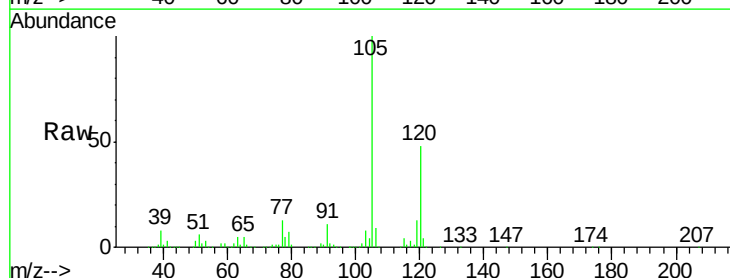
Acq: 15 Oct 2020 13:55

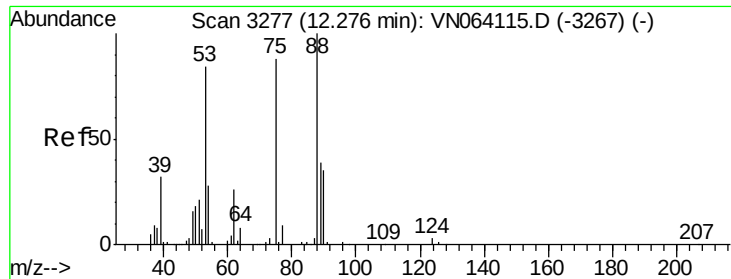
Tgt Ion: 105 Resp: 266916

Ion Ratio Lower Upper

105 100

120 48.9 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 18.488 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Instrument :

MSVOA_N

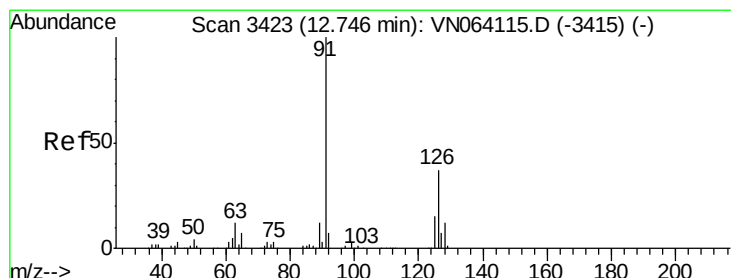
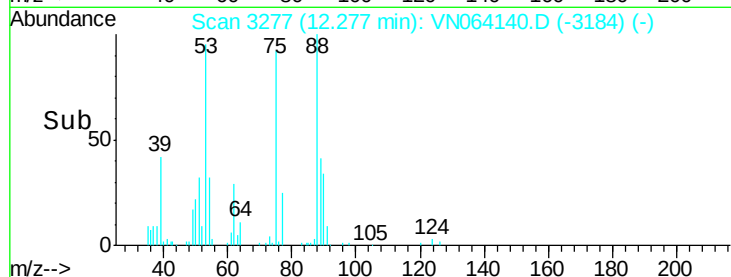
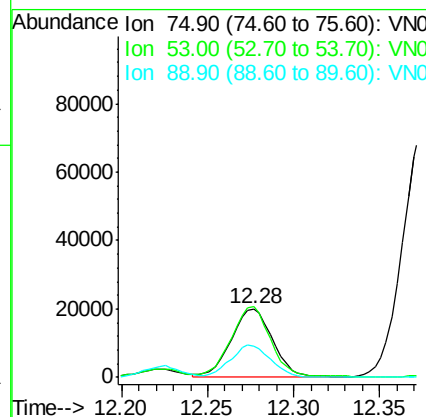
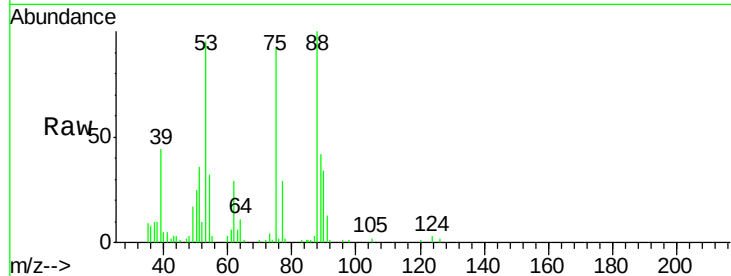
ClientSampleId :

VN1015WBSD01

Tot Ion:	75	Resp:	33405
Ion	Ratio	Lower	Upper
75	100		
53	97.1	75.7	113.5
89	45.0	36.6	55.0

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#82

4-Chlorotoluene

Concen: 19.464 ug/l

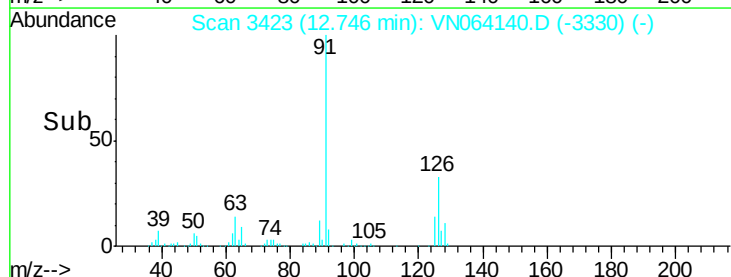
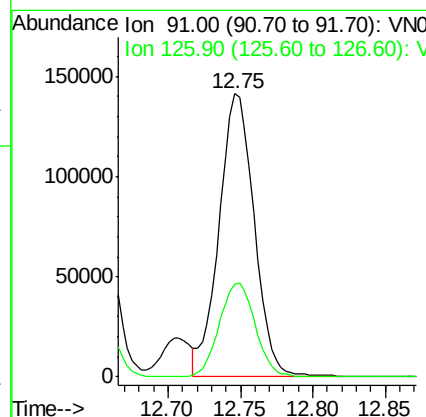
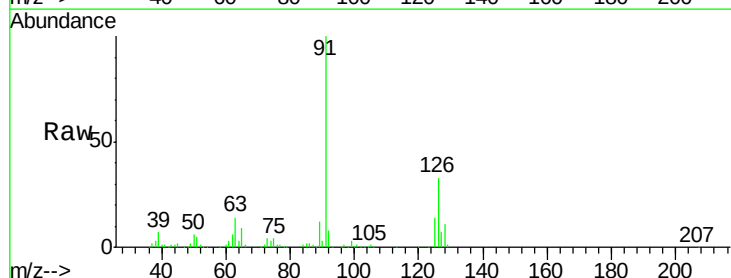
RT: 12.75 min Scan# 3423

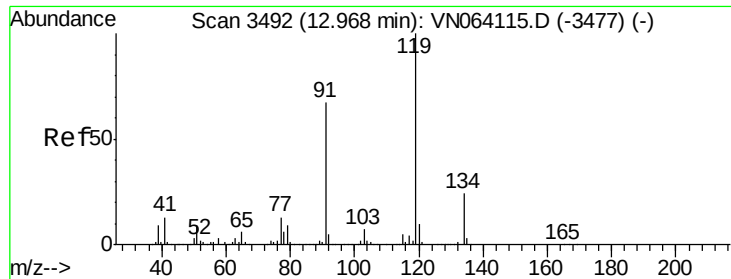
Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

Tgt Ion:	91	Resp:	237337
Ion	Ratio	Lower	Upper
91	100		
126	33.7	17.1	51.2





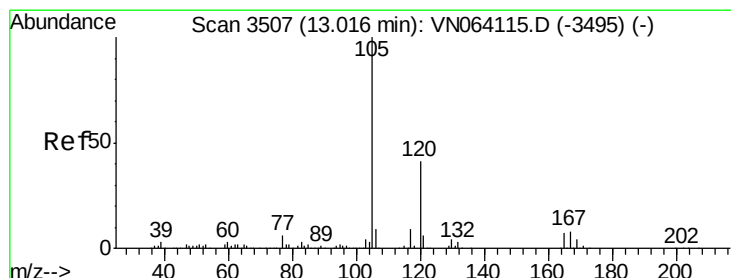
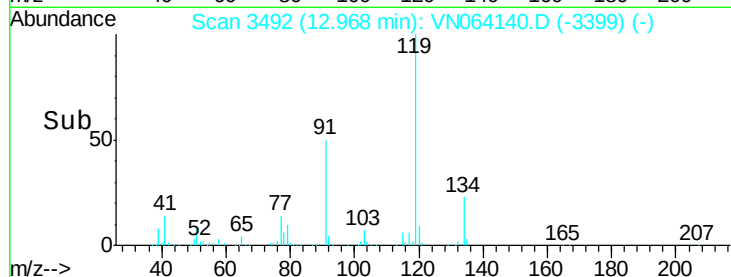
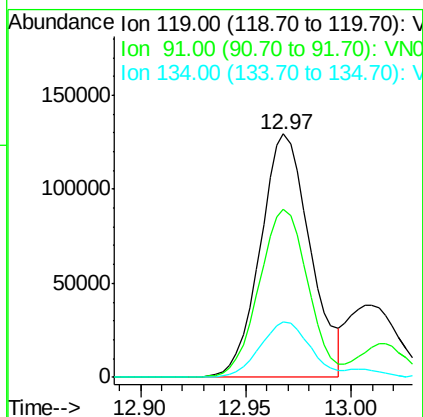
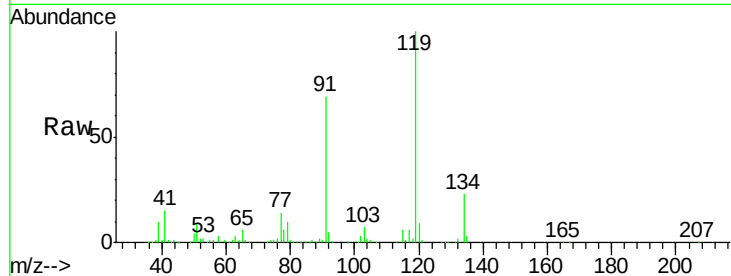
#83
 tert-Butylbenzene
 Concen: 18.861 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	213392		
91	67.5	32.6	98.0	
134	23.0	13.0	39.0	

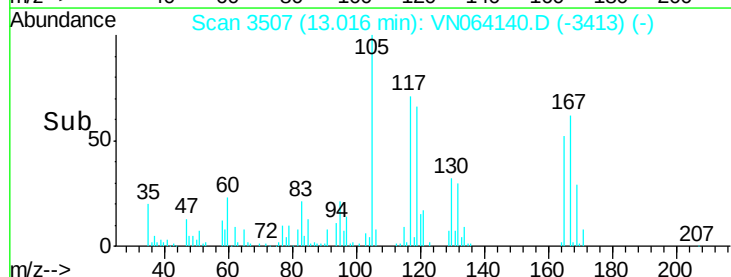
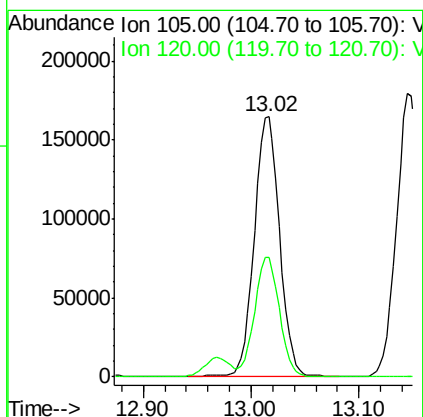
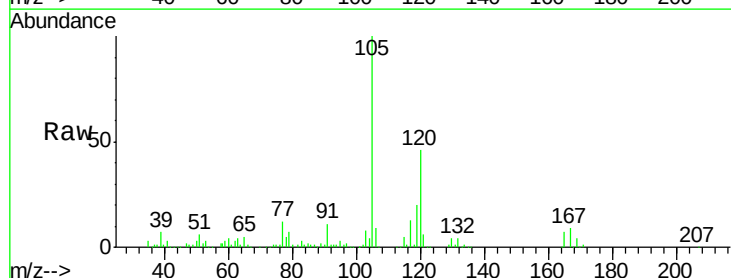
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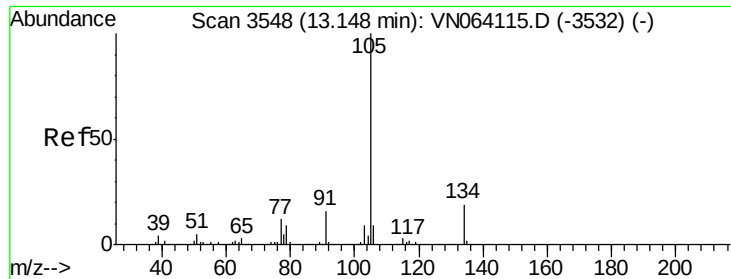
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.970 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	268859		
120	45.1	22.8	68.4	





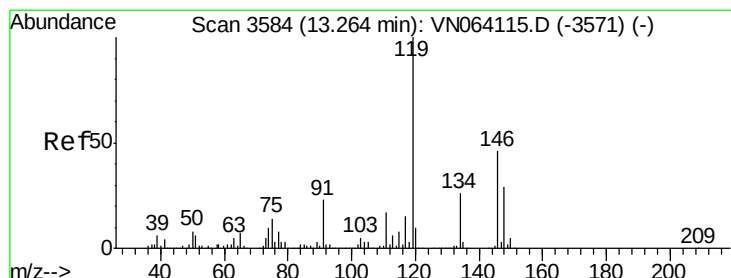
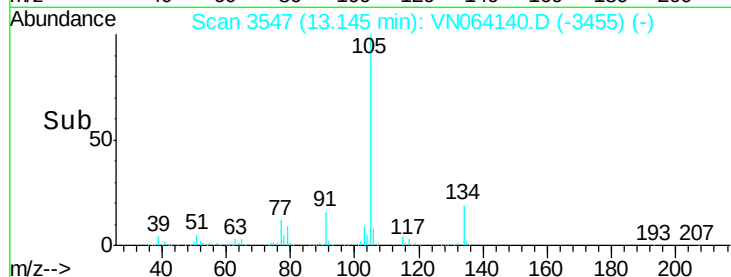
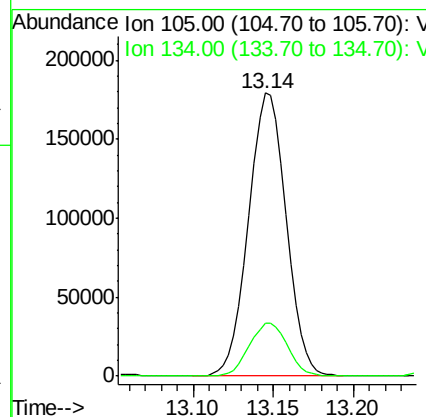
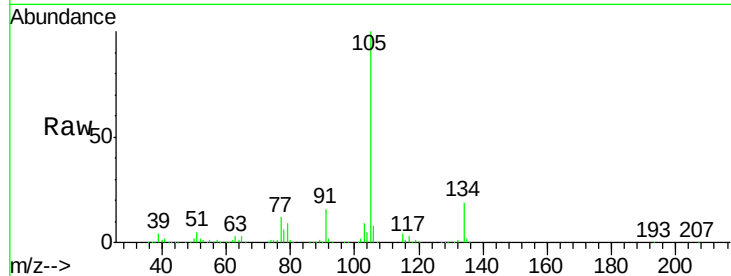
#85
 sec-Butylbenzene
 Concen: 19.712 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	286698		
134	19.2	9.7	29.1	

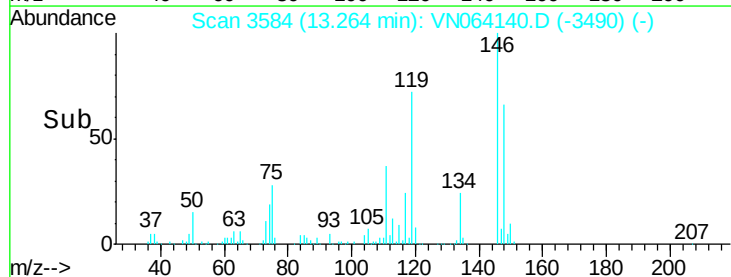
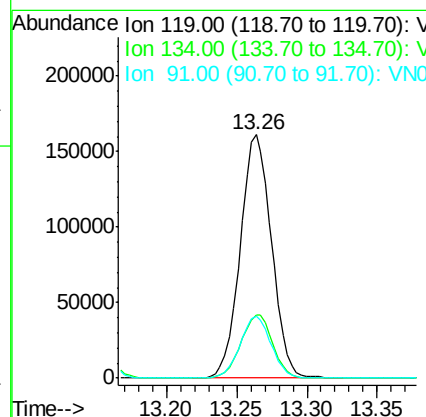
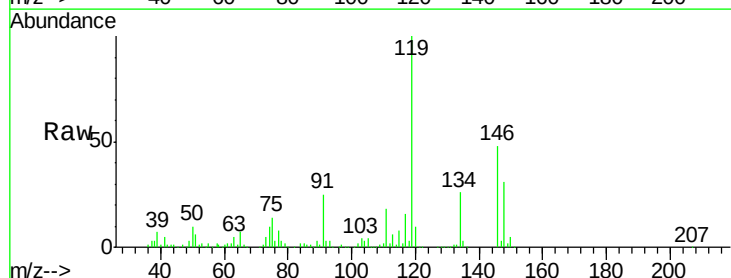
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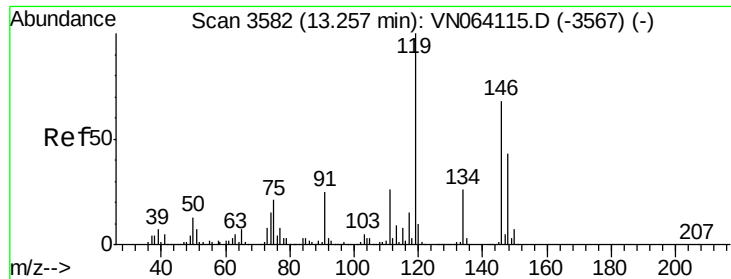
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#86
 p-Isopropyltoluene
 Concen: 18.528 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	249080		
134	26.7	13.2	39.5	
91	25.1	12.0	36.1	





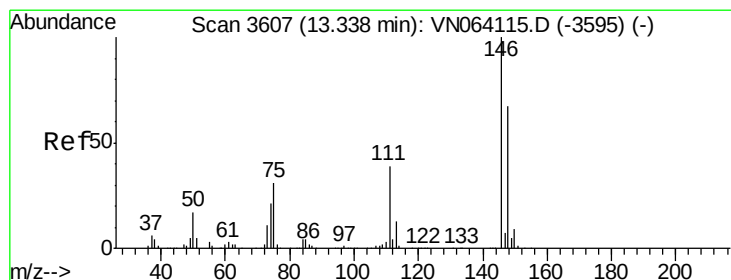
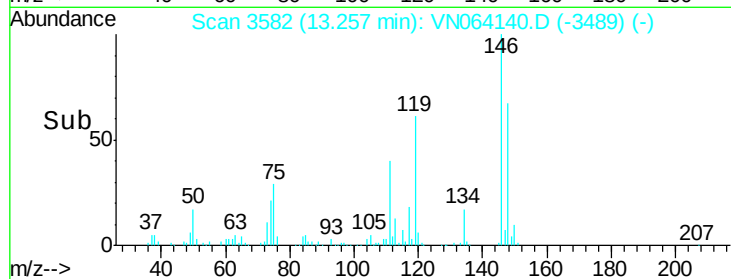
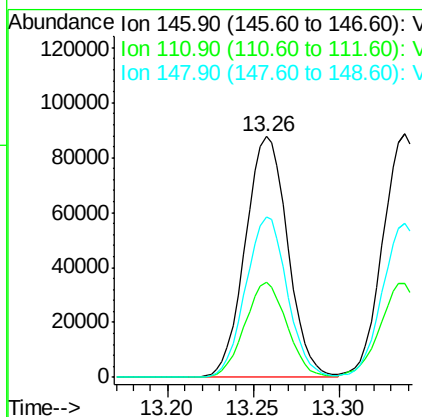
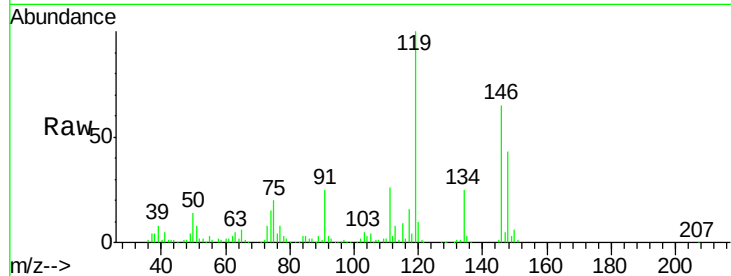
#87
 1,3-Dichlorobenzene
 Concen: 19.463 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.7	59.1
148	65.2	32.0	96.2

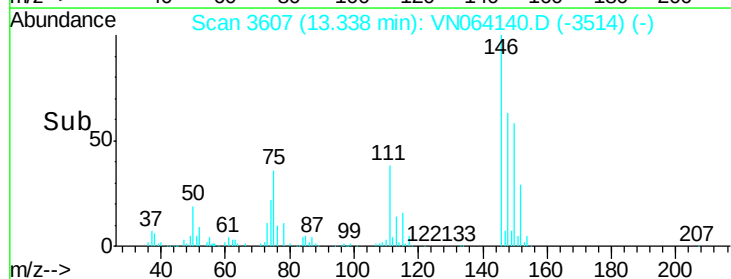
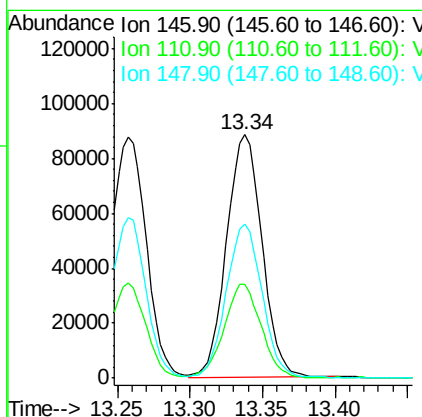
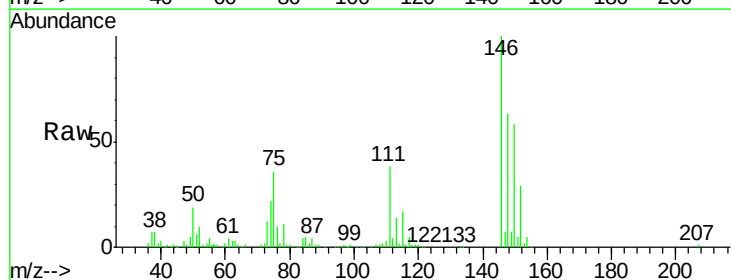
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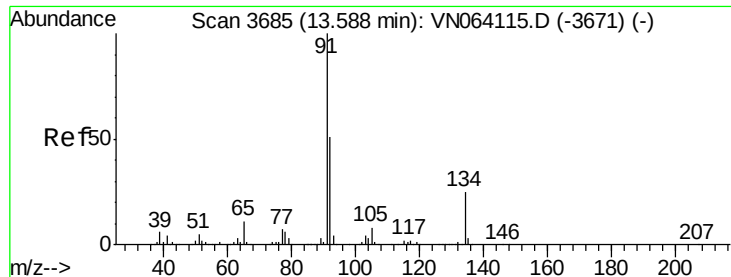
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#88
 1,4-Dichlorobenzene
 Concen: 19.014 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.3	57.9
148	63.9	32.1	96.5





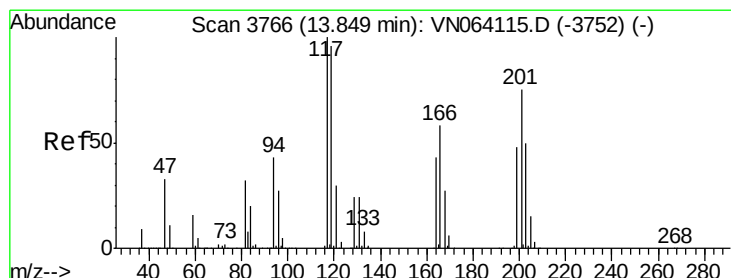
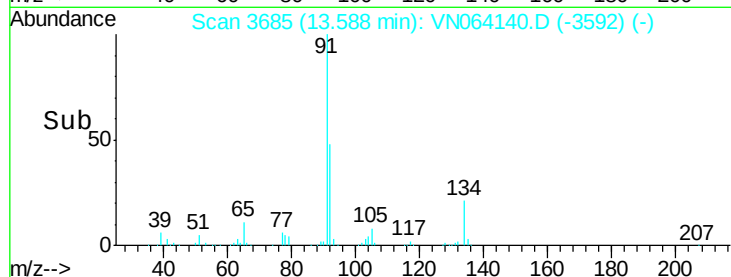
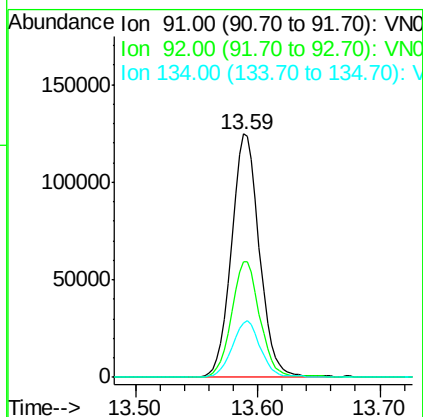
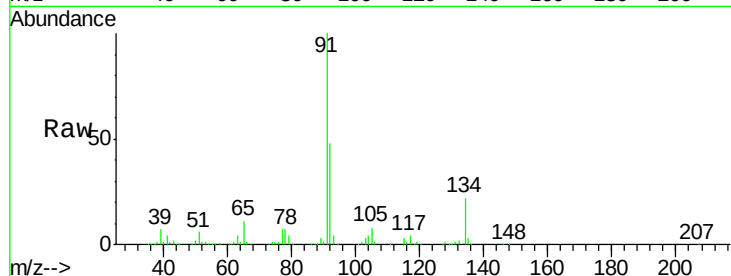
#89
n-Butylbenzene
Concen: 18.851 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	48.4	25.6	76.6
134	23.4	12.6	37.8

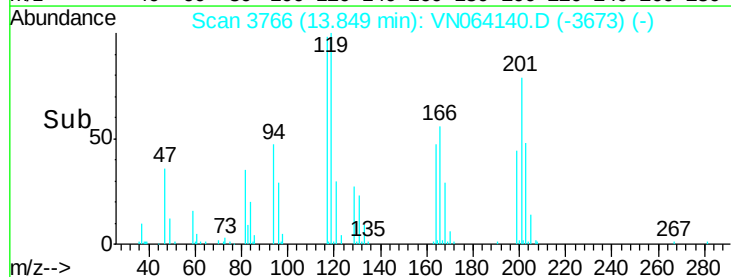
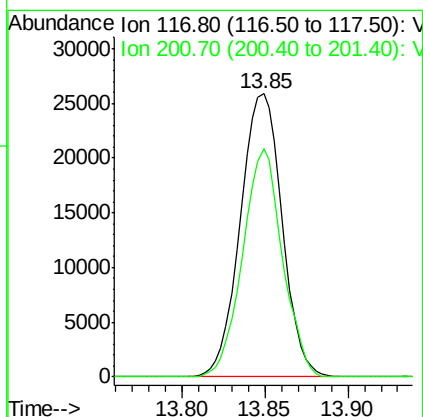
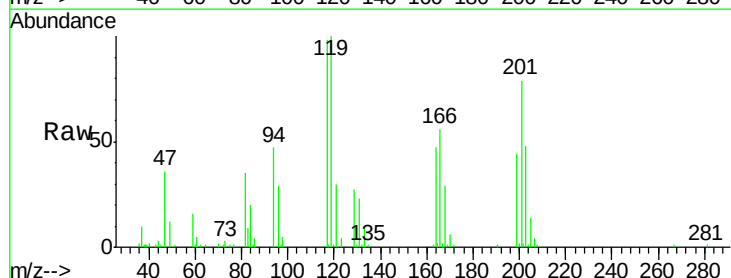
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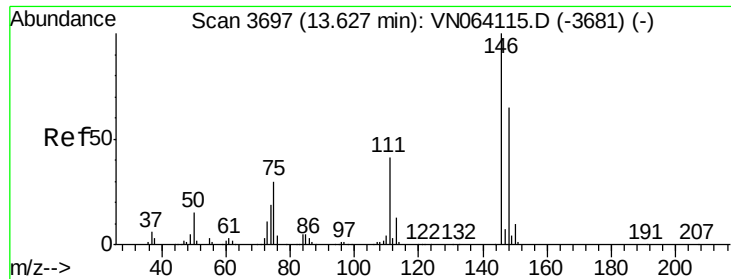
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#90
Hexachloroethane
Concen: 18.727 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.4	37.4	112.2





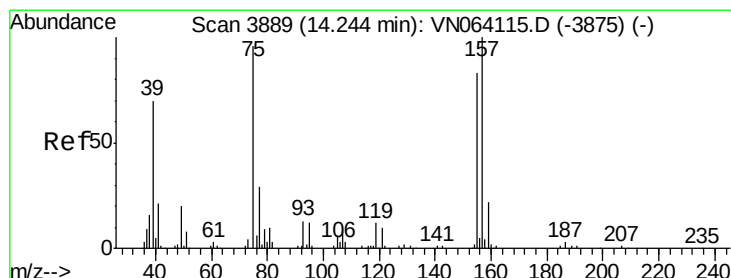
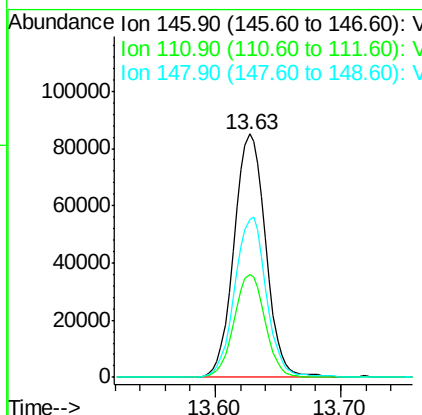
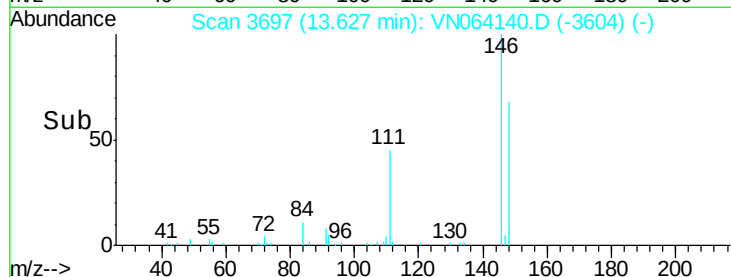
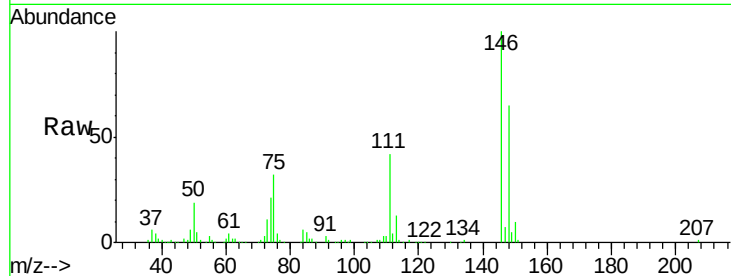
#91
 1,2-Dichlorobenzene
 Concen: 19.481 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	60.8
148	66.1	32.2	96.6

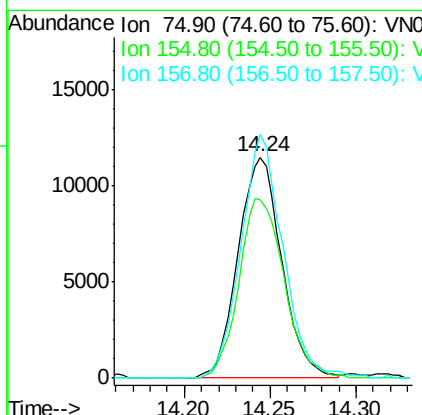
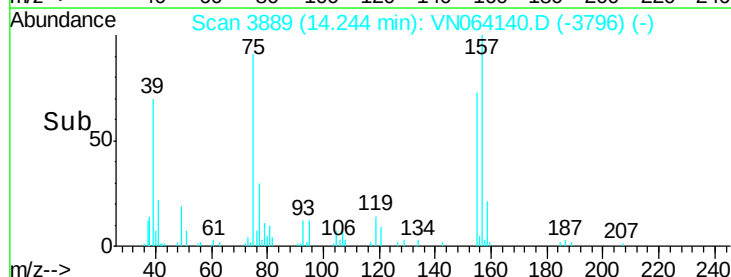
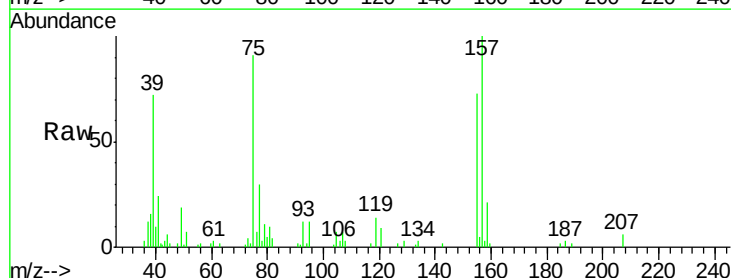
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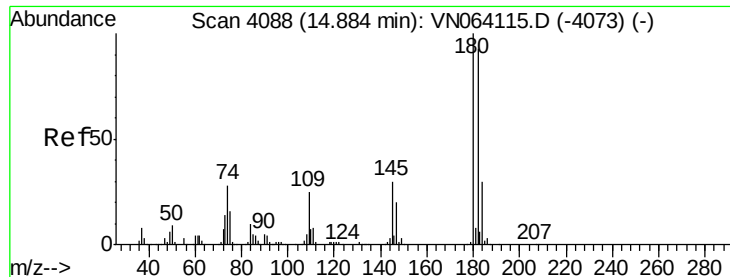
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.978 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	40.8	122.2
157	106.7	53.9	161.7





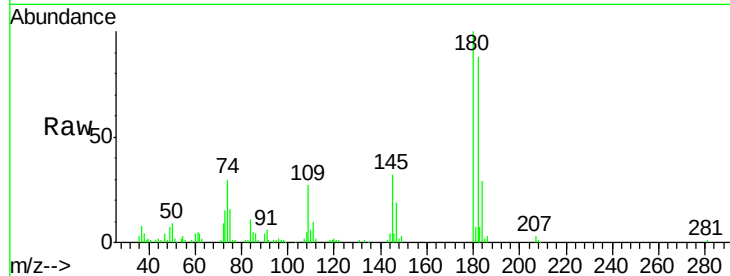
#93
 1,2,4-Trichlorobenzene
 Concen: 18.044 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

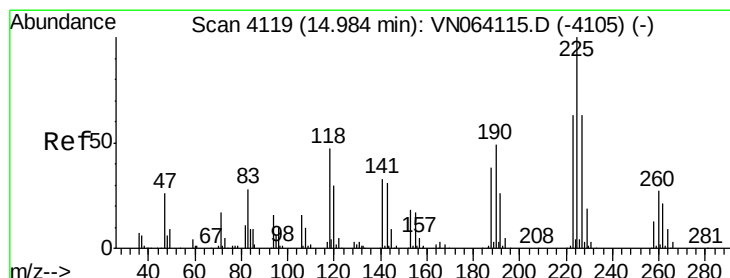
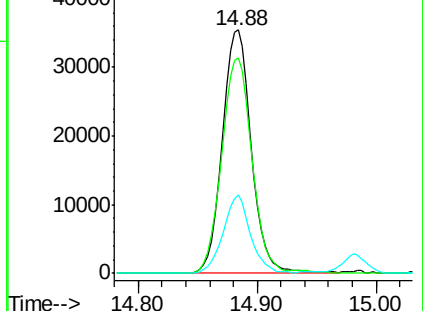
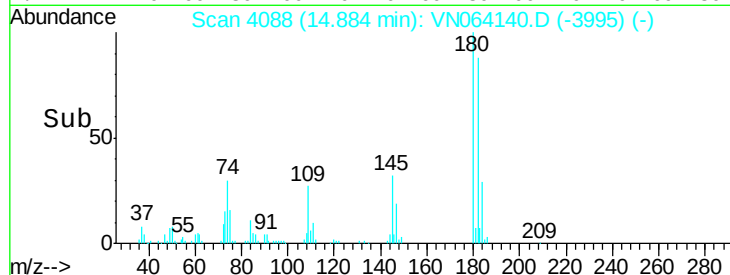
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.7	45.8	137.4
145	30.2	15.4	46.1

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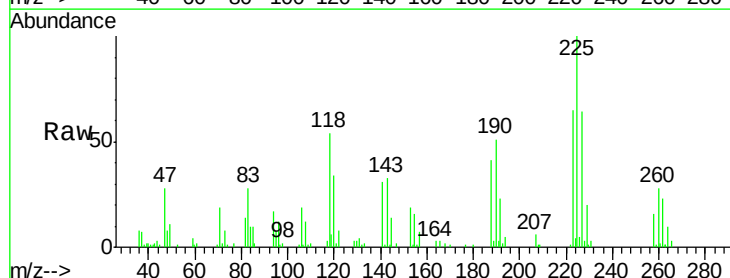


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

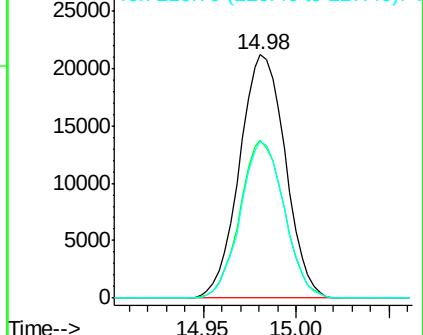
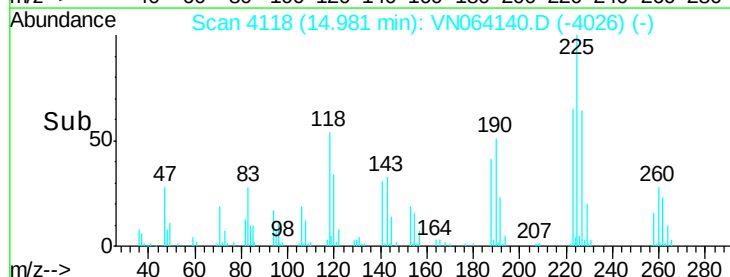


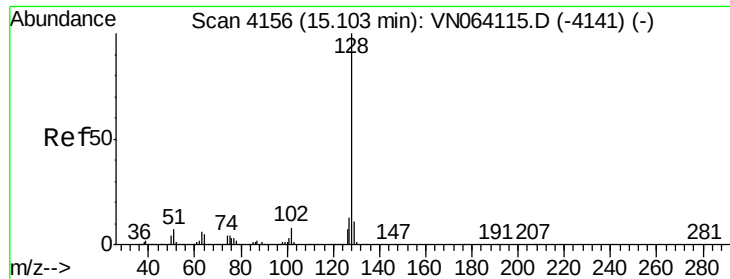
#94
 Hexachlorobutadiene
 Concen: 19.950 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.3	96.9
227	61.6	31.6	94.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





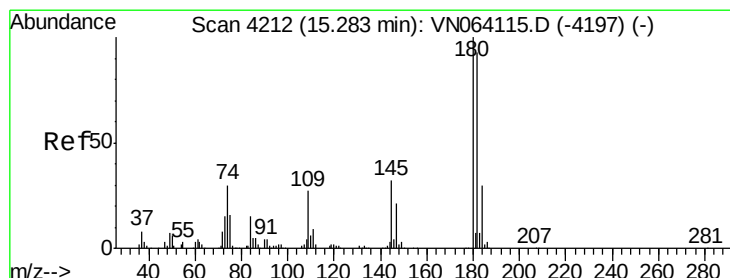
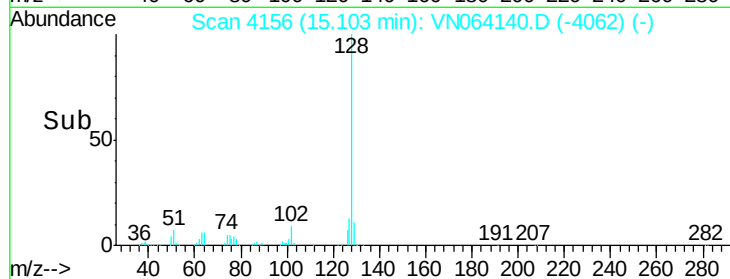
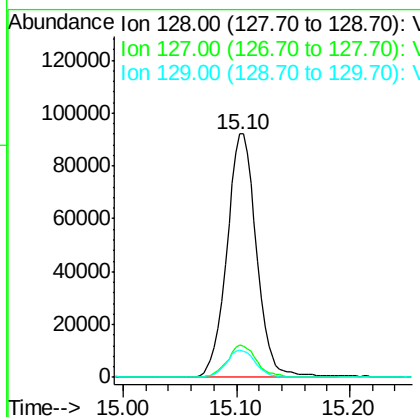
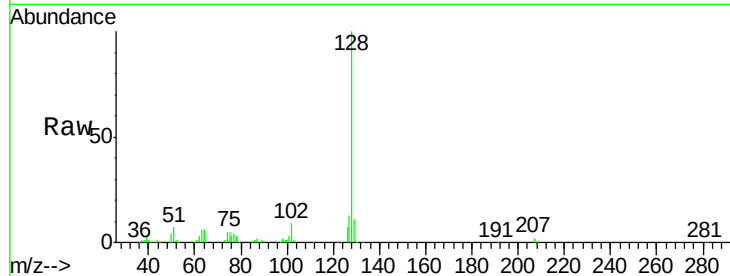
#95
Naphthalene
Concen: 17.266 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.4
129	11.0	8.5	12.7

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 18.209 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	46.6	139.8
145	32.2	16.1	48.2

