

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

Quant Time: Oct 16 02:22:44 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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 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)
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	28144	14.067	ug/l #	72
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	141650	25.660	ug/l #	100
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

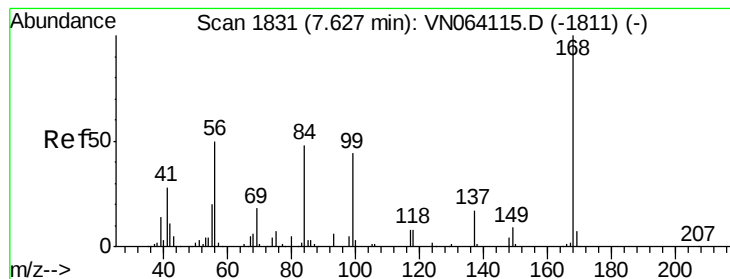
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101520\
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Quant Title : SW846 8260
QLast Update : Thu Oct 15 01:16:44 2020
Response via : Initial Calibration

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

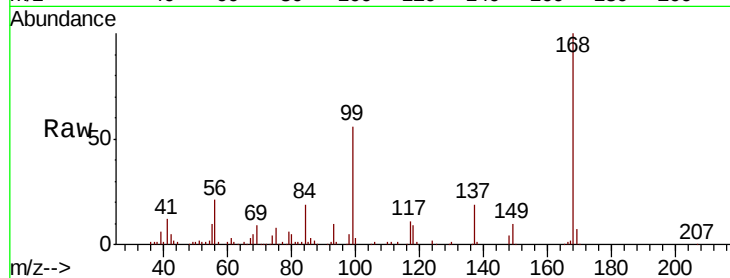
VN1015WBSD01

Tot Ion:168 Resp: 335834

Ion Ratio Lower Upper

168 100

99 56.3 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

150000

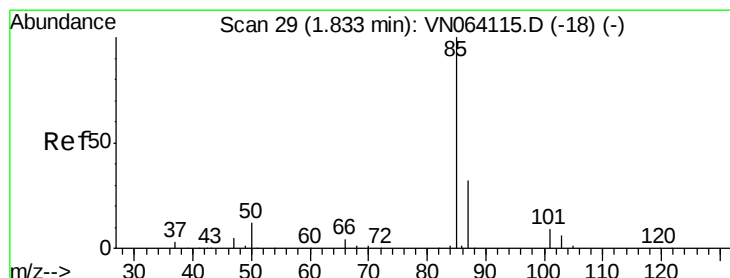
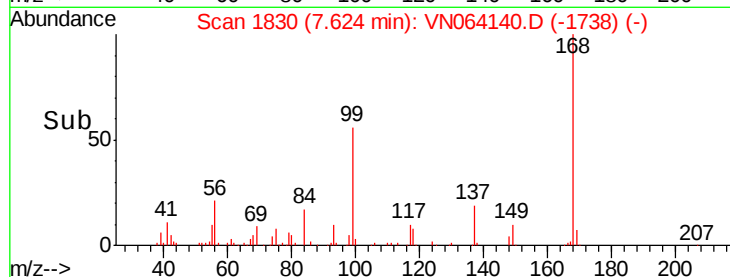
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 18.939 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064140.D

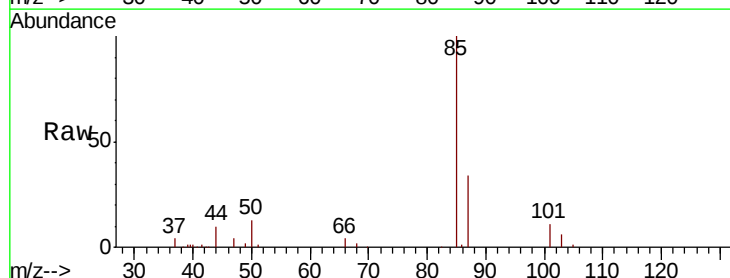
Acq: 15 Oct 2020 13:55

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

1.83

50000

40000

30000

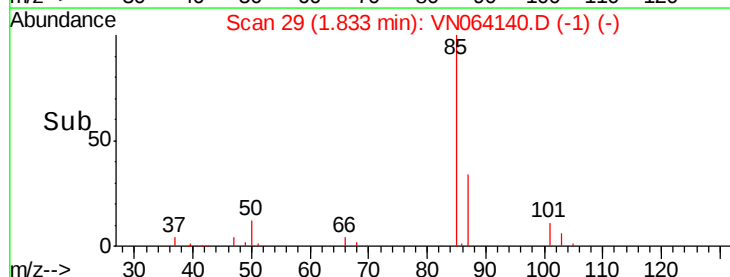
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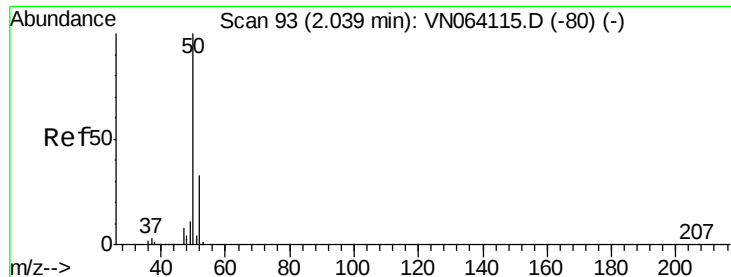
10000

0

1.80 1.85 1.90

Time-->





#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 :

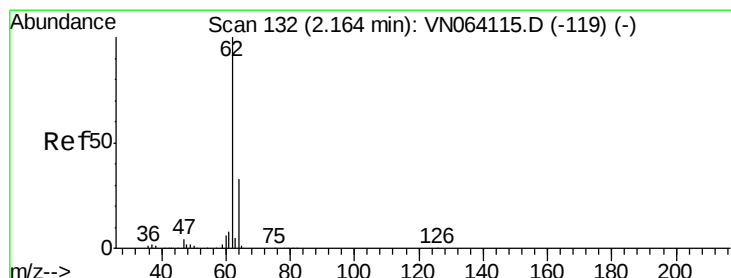
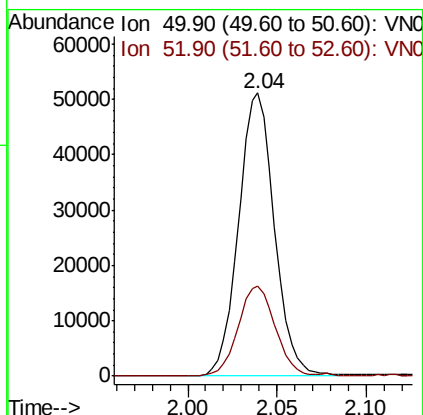
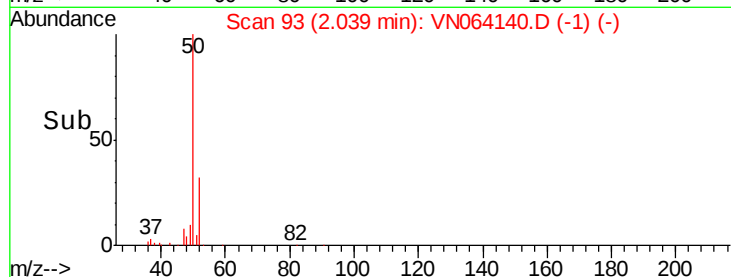
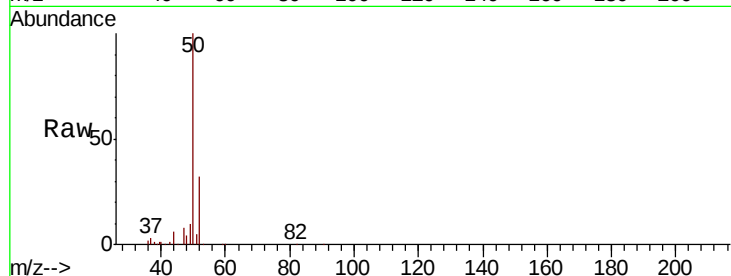
VN1015WBSD01

Tot Ion: 50 Resp: 71810

Ion Ratio Lower Upper

50 100

52 31.9 26.1 39.1



#4

Vinyl Chloride

Concen: 17.972 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064140.D

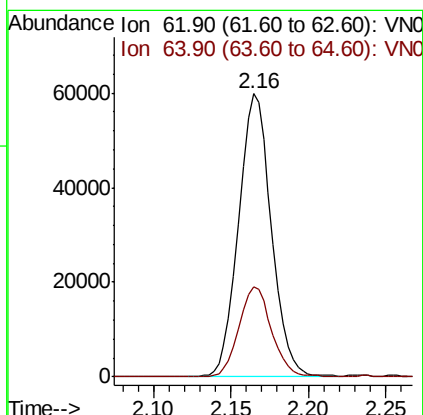
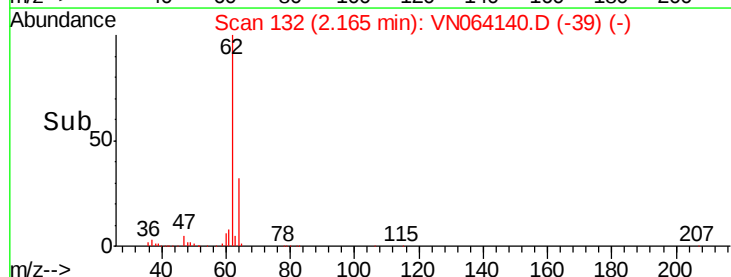
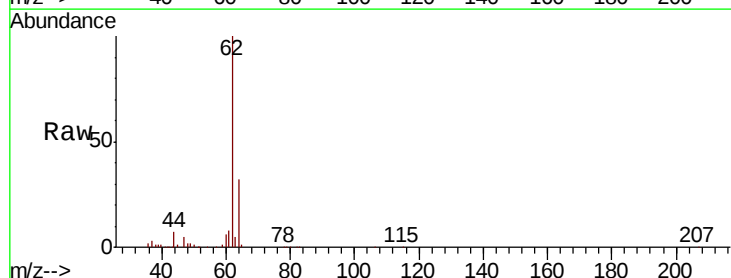
Acq: 15 Oct 2020 13:55

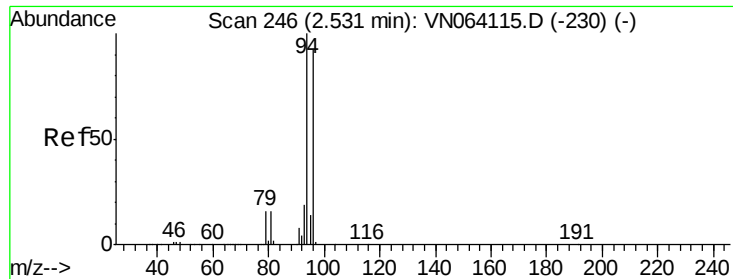
Tgt Ion: 62 Resp: 88165

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 :

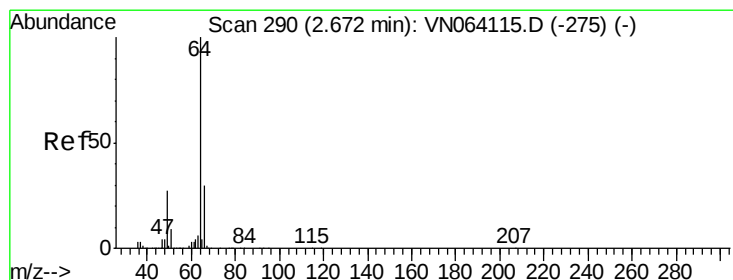
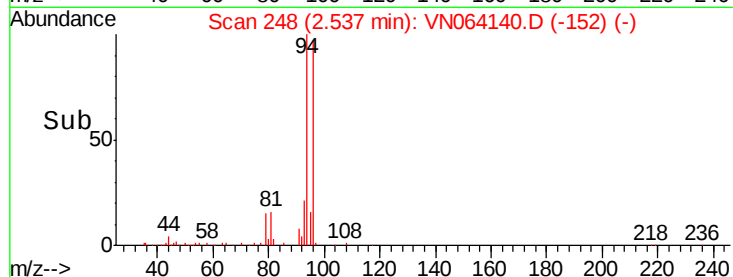
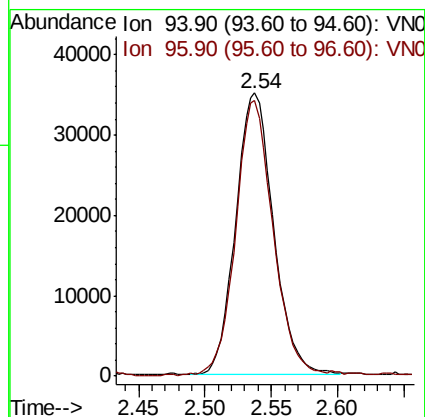
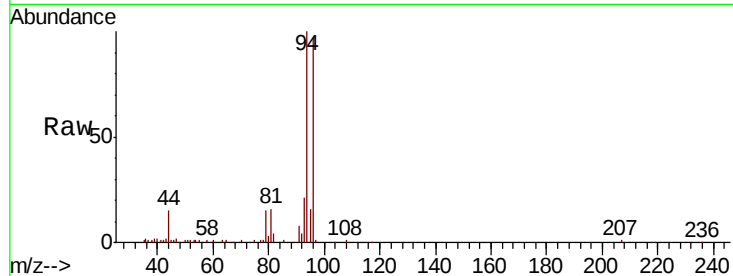
VN1015WBSD01

Tot Ion: 94 Resp: 69435

Ion Ratio Lower Upper

94 100

96 96.7 73.5 110.3



#6

Chloroethane

Concen: 17.603 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064140.D

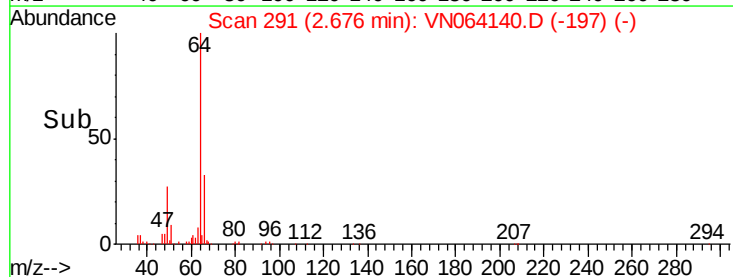
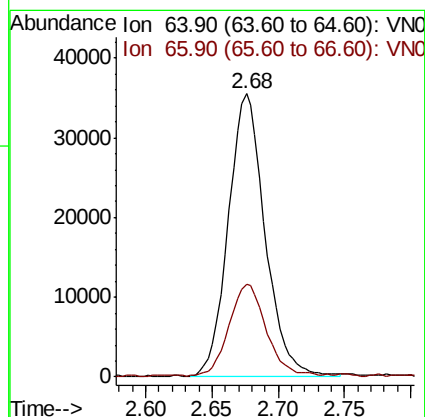
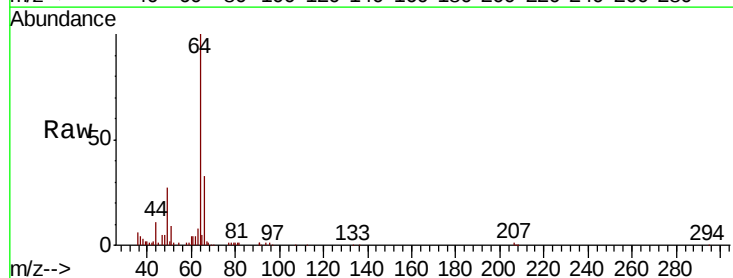
Acq: 15 Oct 2020 13:55

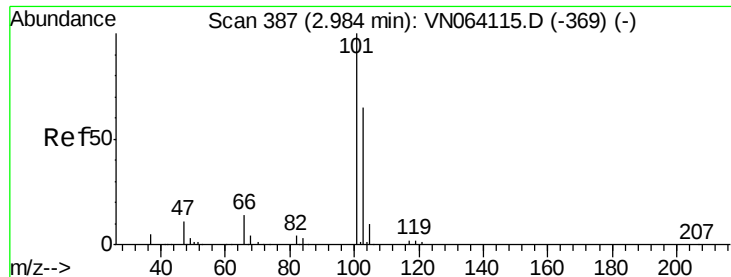
Tgt Ion: 64 Resp: 68653

Ion Ratio Lower Upper

64 100

66 32.3 24.2 36.2



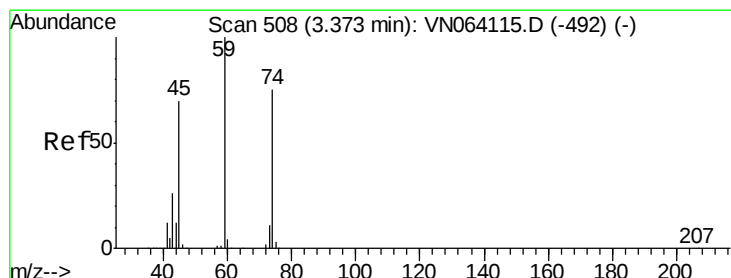
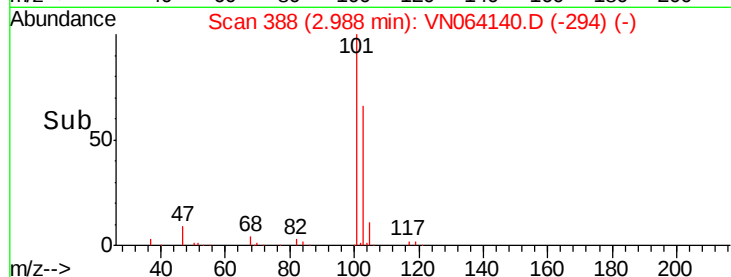
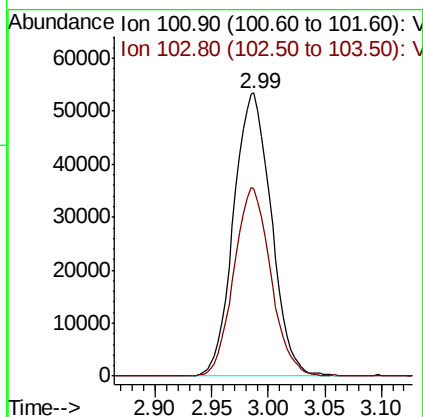
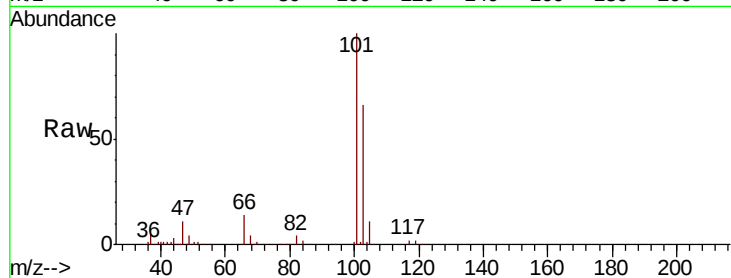


#7

Trichlorofluoromethane
 Concen: 18.369 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

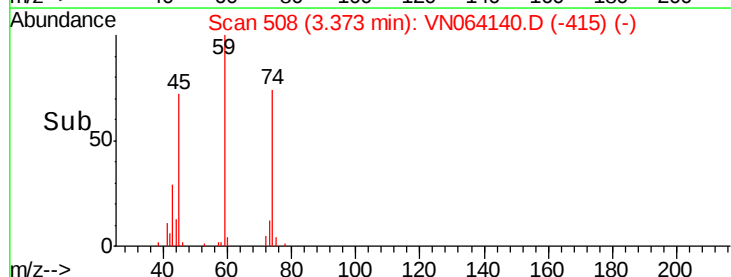
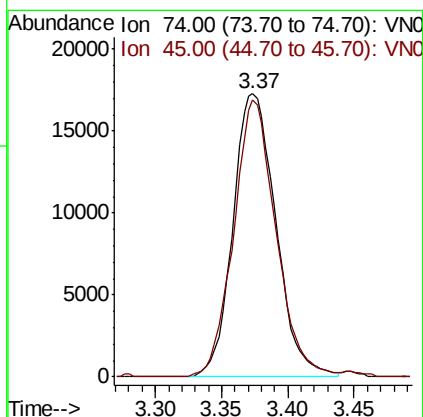
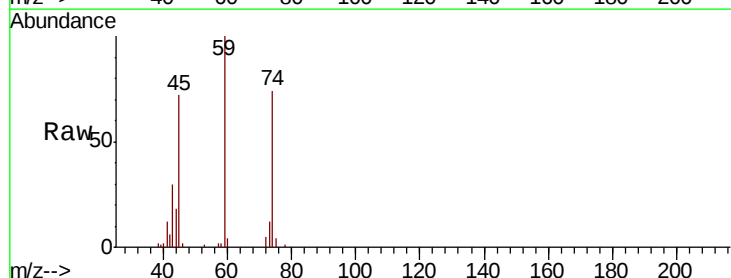
Tot Ion:101 Resp: 123939
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.8 77.6

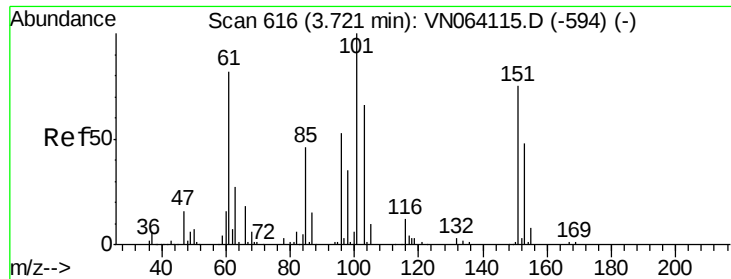


#8

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: 74 Resp: 38907
 Ion Ratio Lower Upper
 74 100
 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

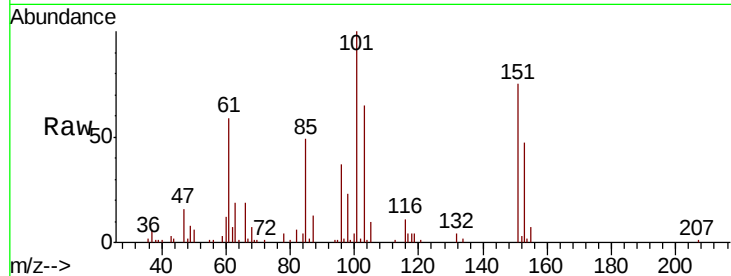
Tot Ion:101 Resp: 65507

Ion Ratio Lower Upper

101 100

85 47.3 36.9 55.3

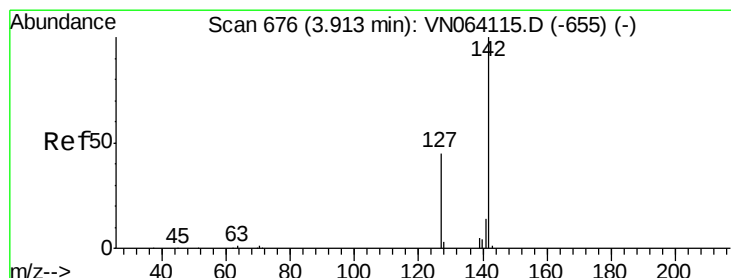
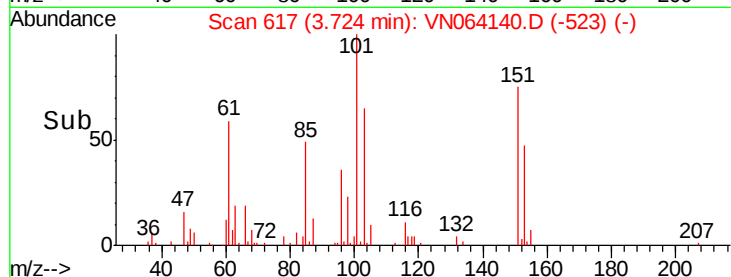
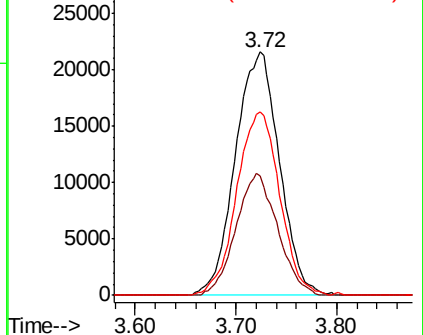
151 73.6 60.7 91.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#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

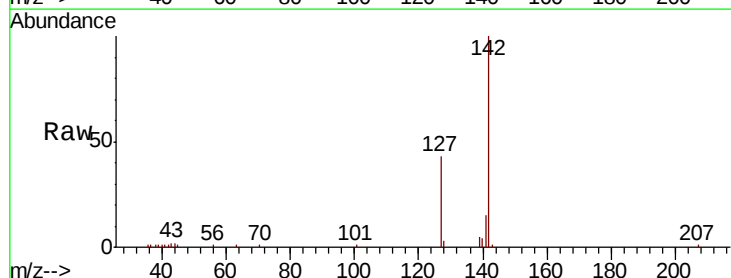
Tgt Ion:142 Resp: 82714

Ion Ratio Lower Upper

142 100

127 45.2 36.3 54.5

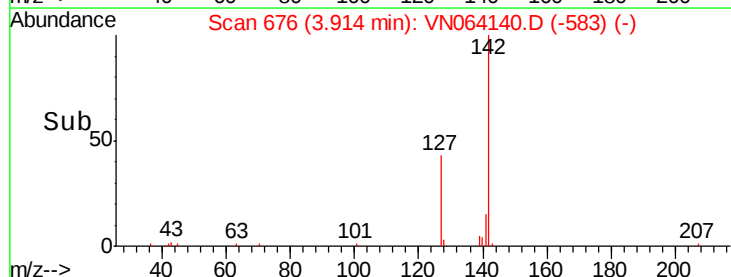
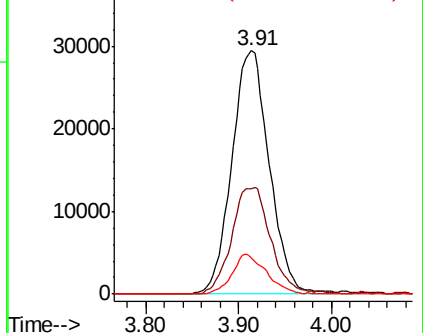
141 14.9 11.6 17.4

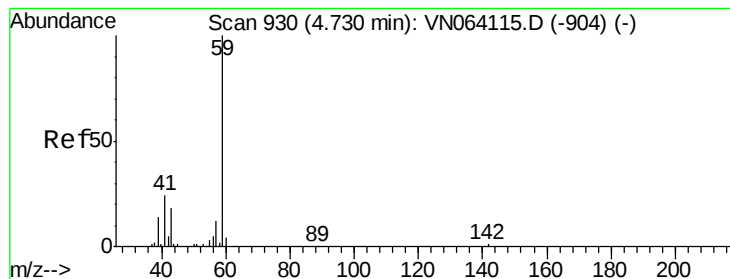


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



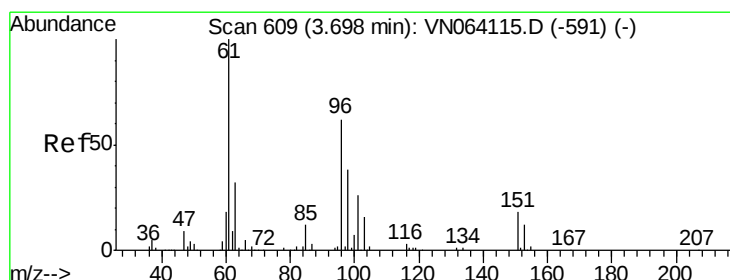
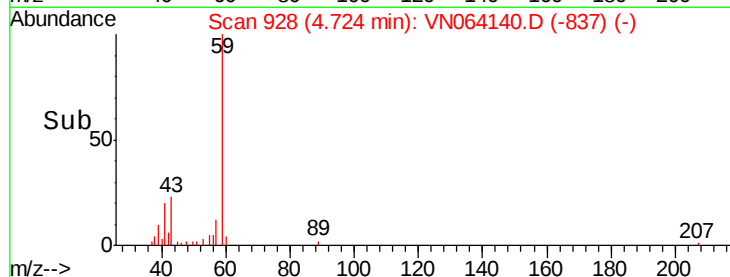
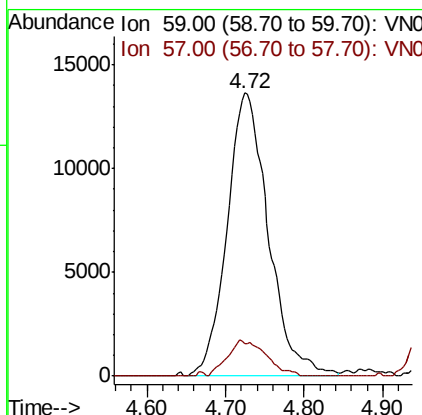
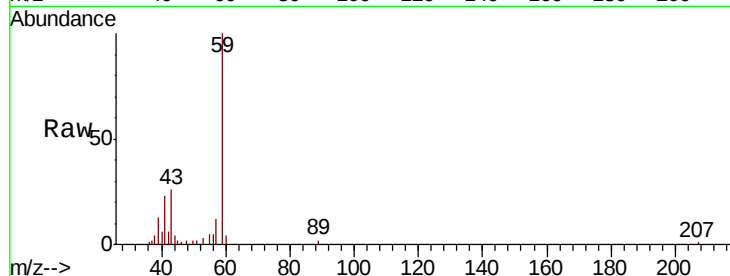


#11

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

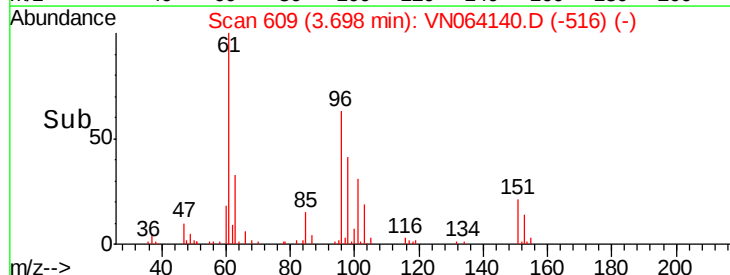
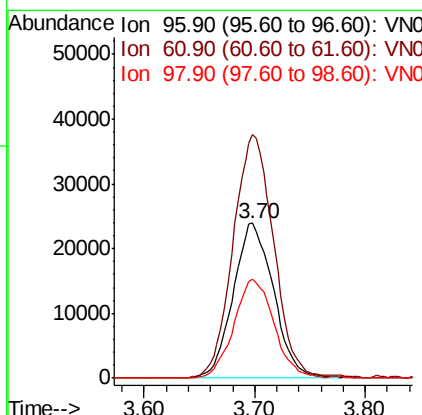
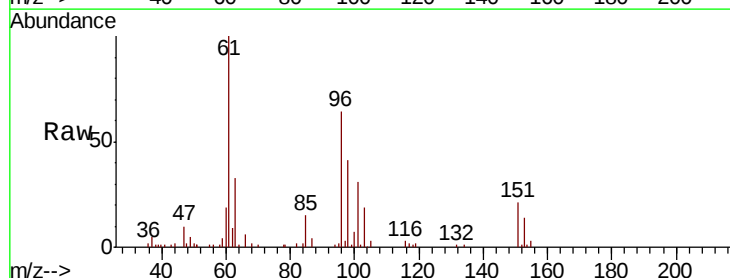
Tot Ion: 59 Resp: 49958
 Ion Ratio Lower Upper
 59 100
 57 12.0 8.9 13.3

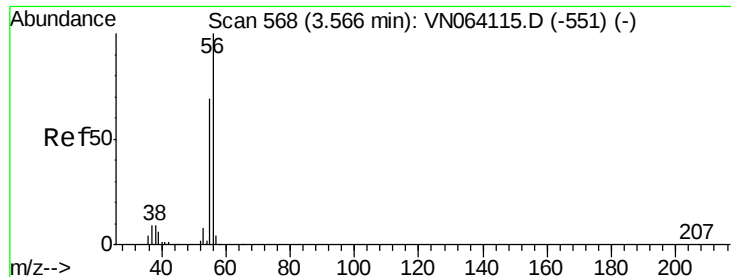


#12

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 Lower Upper
 96 100
 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 :

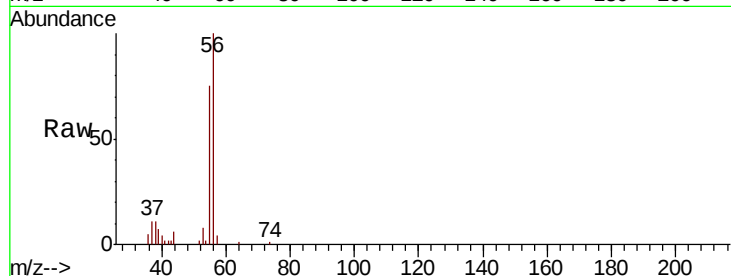
VN1015WBSD01

Tot Ion: 56 Resp: 47993

Ion Ratio Lower Upper

56 100

55 71.6 55.8 83.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.57

20000

15000

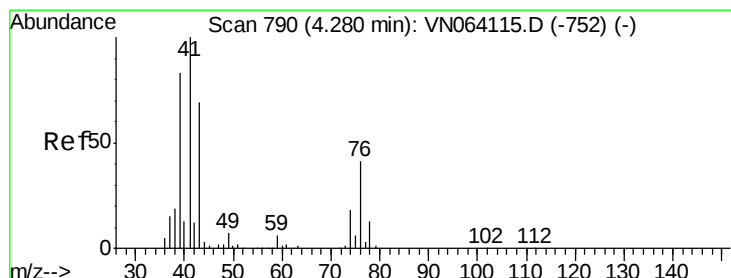
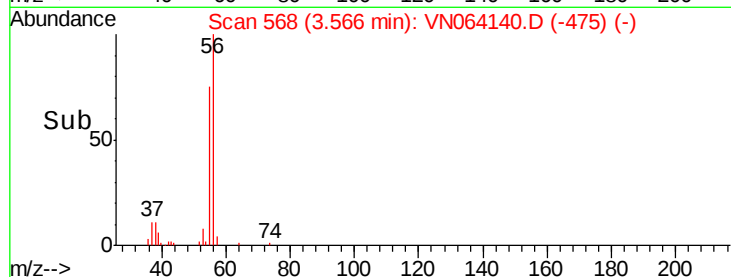
10000

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

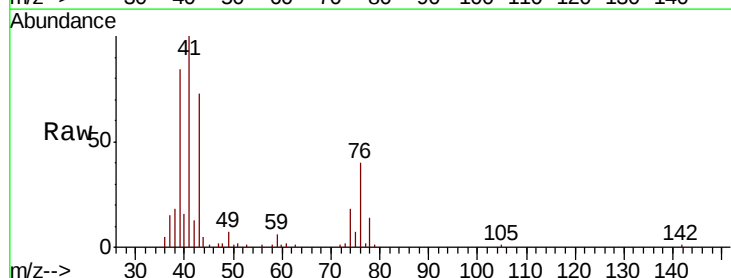
Tgt Ion: 41 Resp: 84985

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

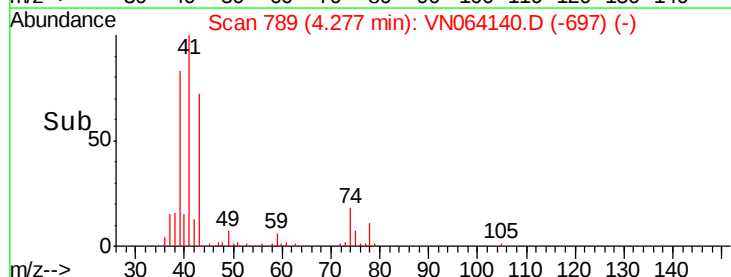
20000

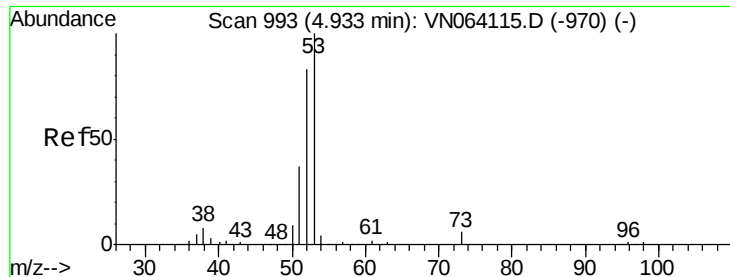
10000

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

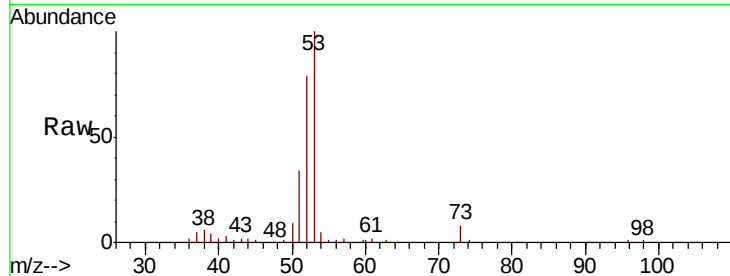
Tot Ion: 53 Resp: 143688

Ion Ratio Lower Upper

53 100

52 79.8 65.8 98.6

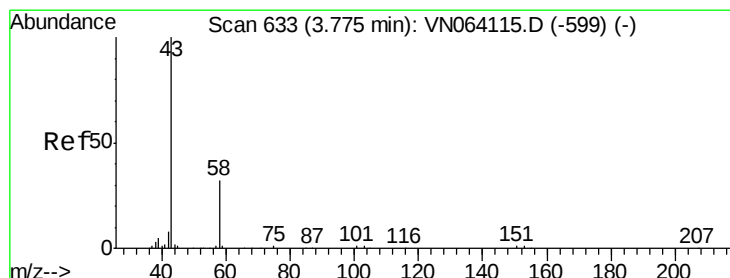
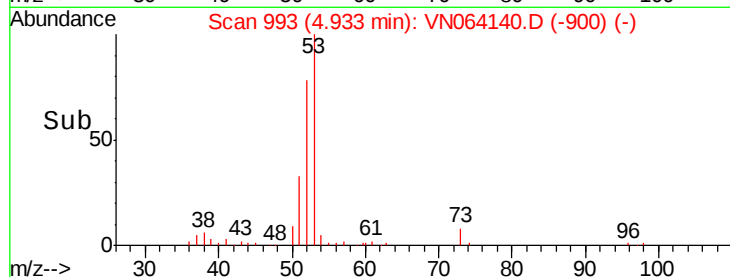
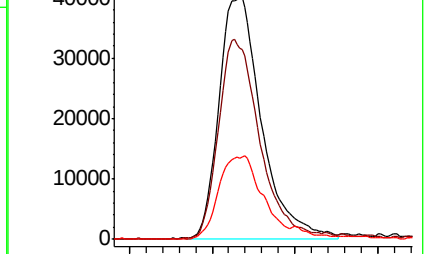
51 34.9 29.4 44.2



Abundance Ion 53.00 (52.70 to 53.70): VN064140.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064140.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064140.D (-970) (-)



#16

Acetone

Concen: 92.925 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064140.D

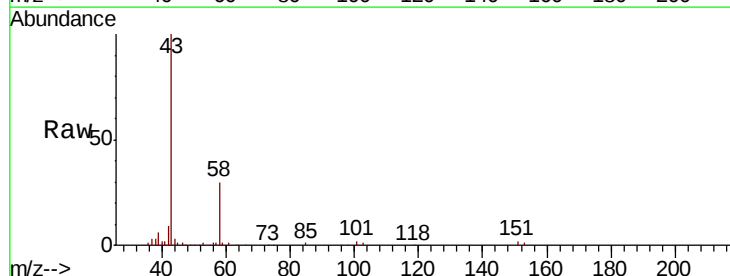
Acq: 15 Oct 2020 13:55

Tgt Ion: 43 Resp: 131834

Ion Ratio Lower Upper

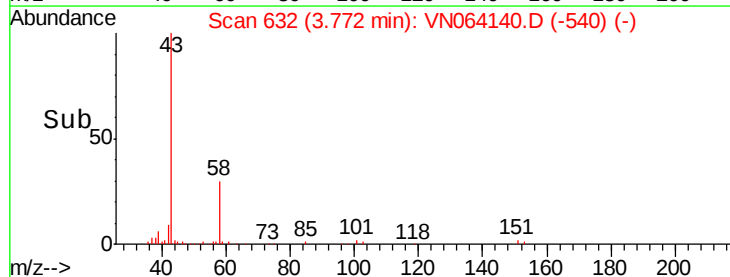
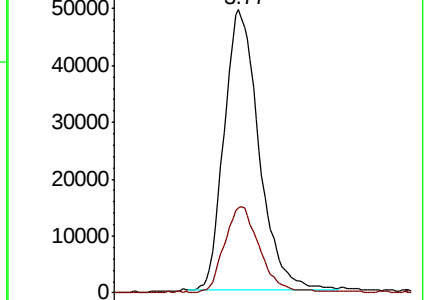
43 100

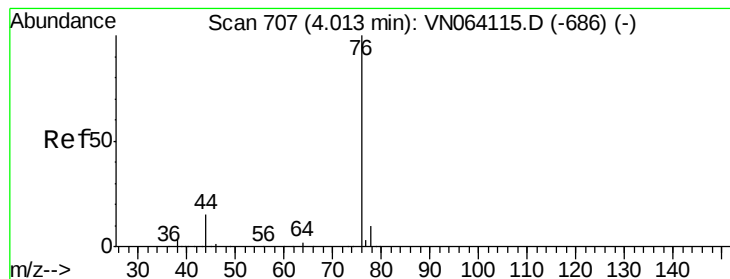
58 30.0 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN064140.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064140.D (-540) (-)





#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 :

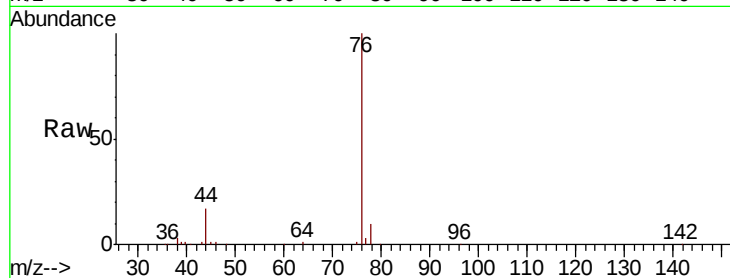
VN1015WBSD01

Tot Ion: 76 Resp: 171784

Ion Ratio Lower Upper

76 100

78 9.6 7.6 11.4



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

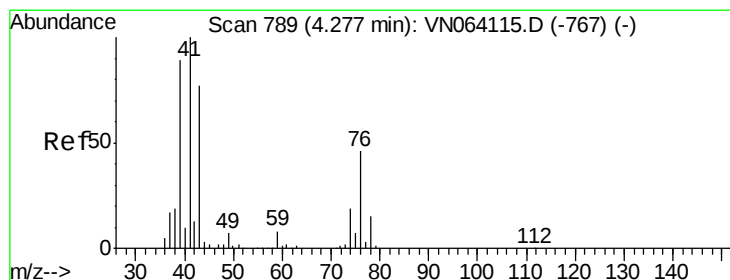
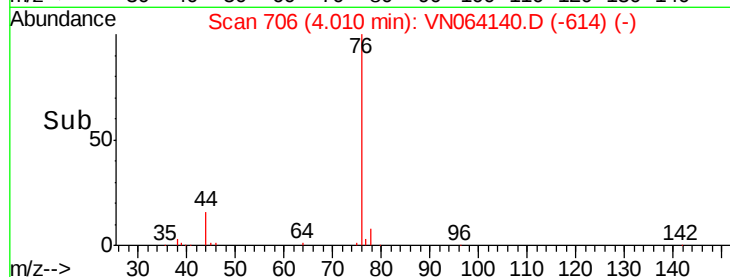
40000

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

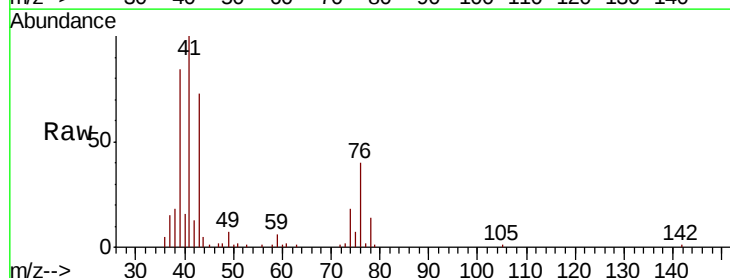
Acq: 15 Oct 2020 13:55

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

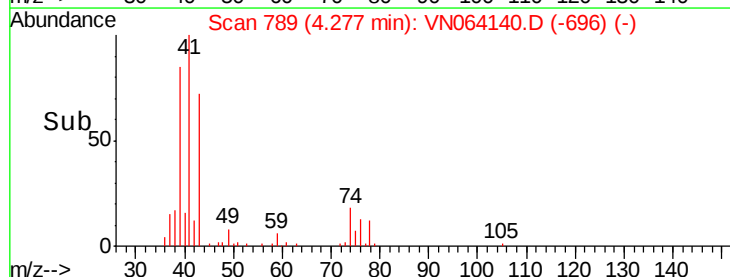
10000

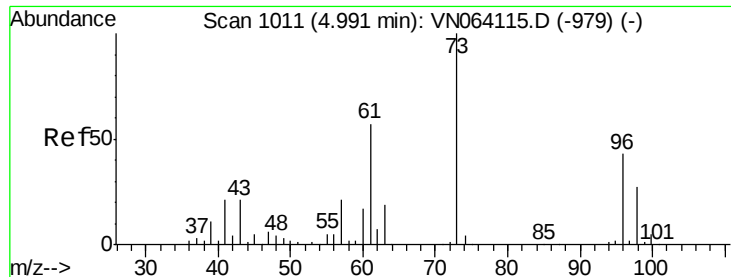
5000

0

Time-->

4.20 4.30 4.40

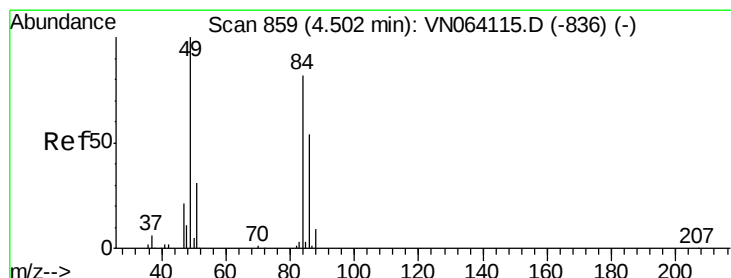
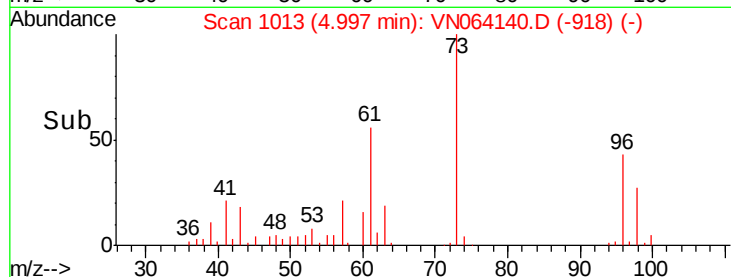
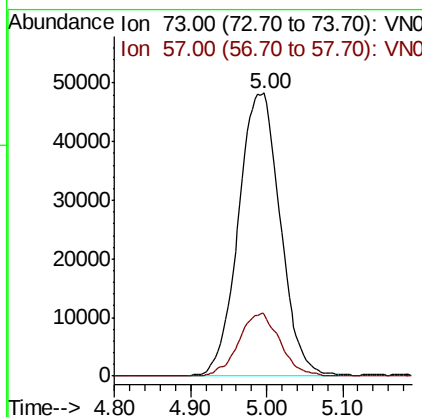
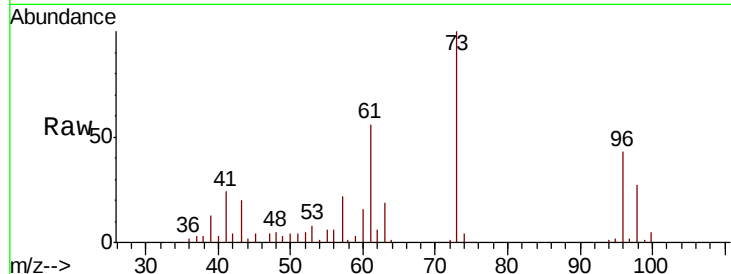




#19
Methyl tert-butyl Ether
Concen: 18.686 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

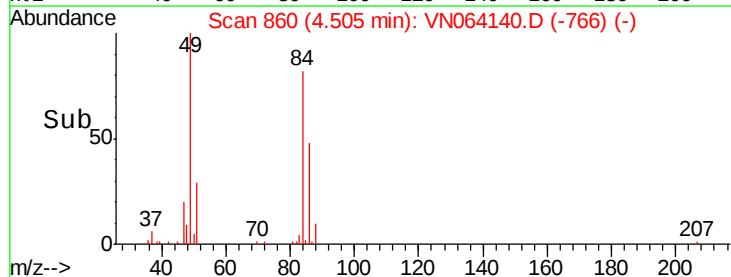
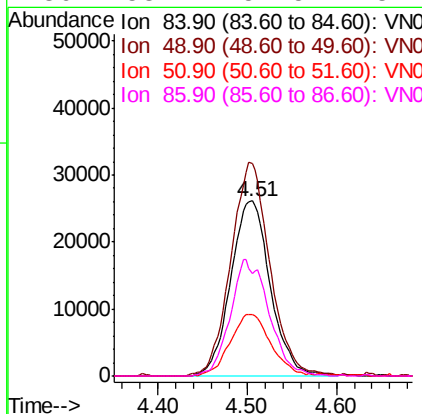
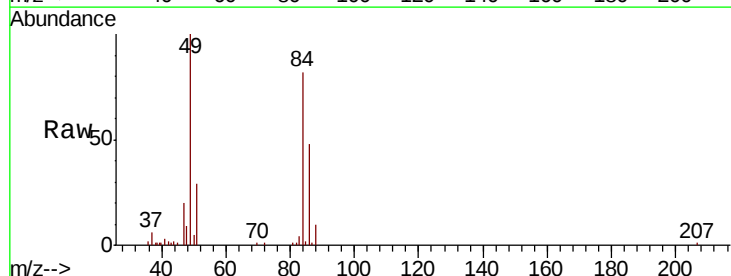
Instrument :
MSVOA_N
ClientSampled :
VN1015WBSD01

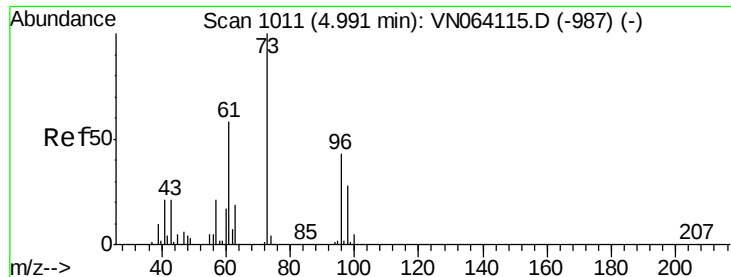
Tot Ion: 73 Resp: 184356
Ion Ratio Lower Upper
73 100
57 21.8 17.0 25.4



#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

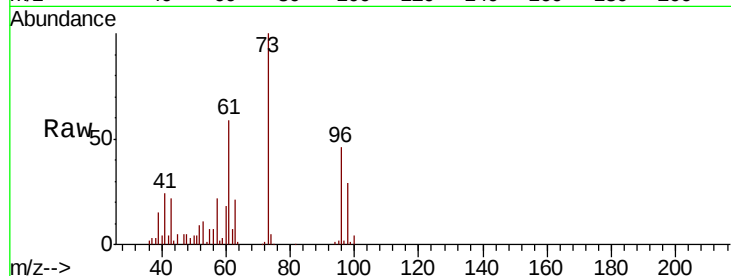
Tot Ion: 96 Resp: 71704

Ion Ratio Lower Upper

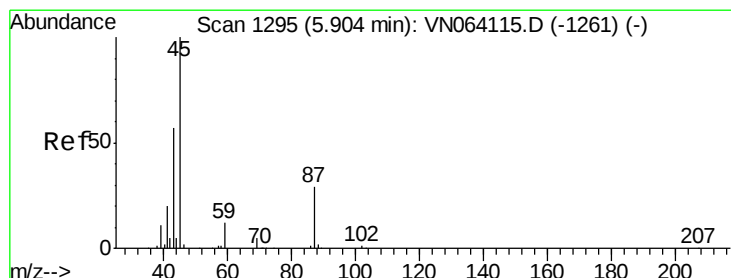
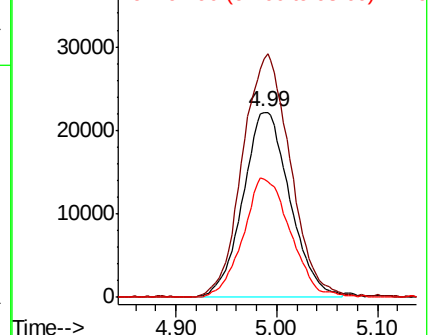
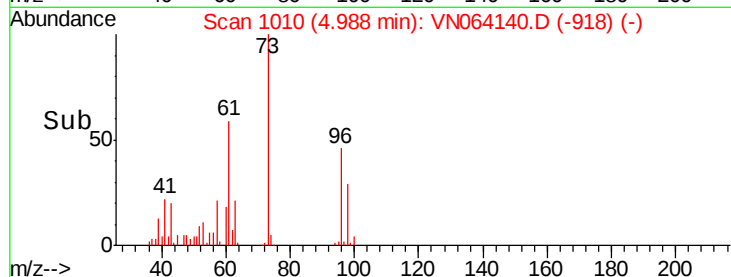
96 100

61 129.2 107.0 160.4

98 64.0 51.0 76.6



Abundance Ion 95.90 (95.60 to 96.60): VN064140.D (-918) (-)



#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

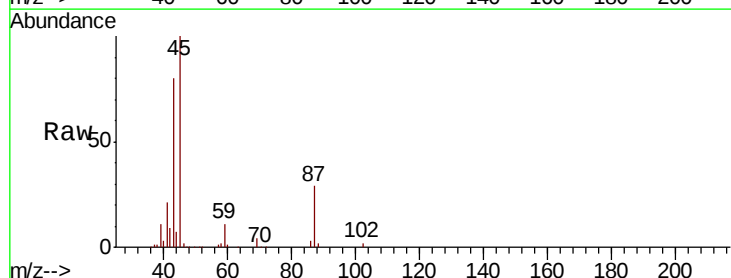
Ion Ratio Lower Upper

45 100

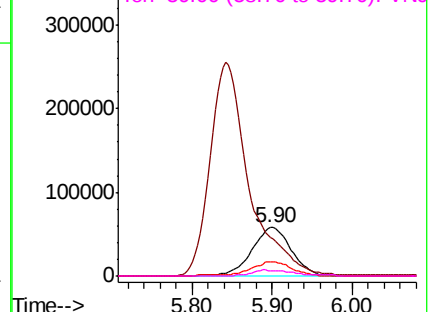
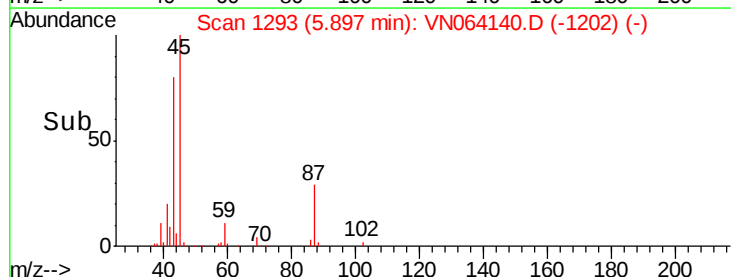
43 76.5 50.9 76.3#

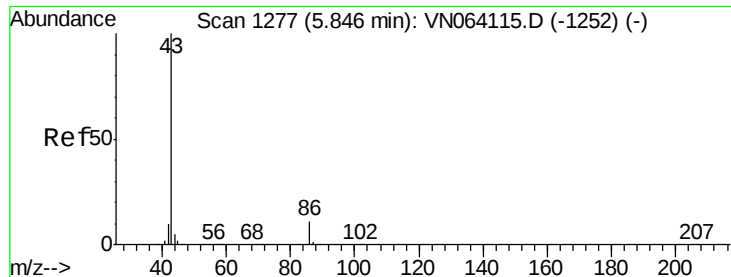
87 29.0 23.5 35.3

59 11.1 9.4 14.2



Abundance Ion 45.00 (44.70 to 45.70): VN064140.D (-1202) (-)





#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 :

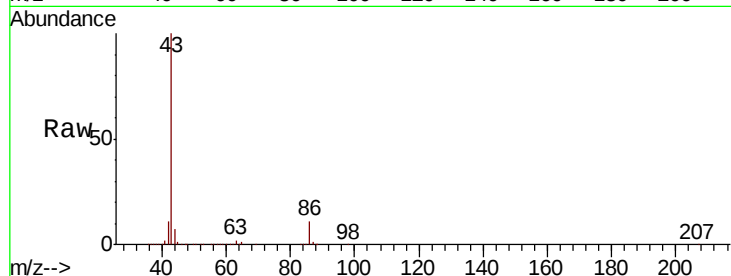
VN1015WBSD01

Tot Ion: 43 Resp: 865691

Ion Ratio Lower Upper

43 100

86 10.7 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-1252) (-)

Ion 86.00 (85.70 to 86.70): VN064115.D (-1252) (-)

5.84

250000

200000

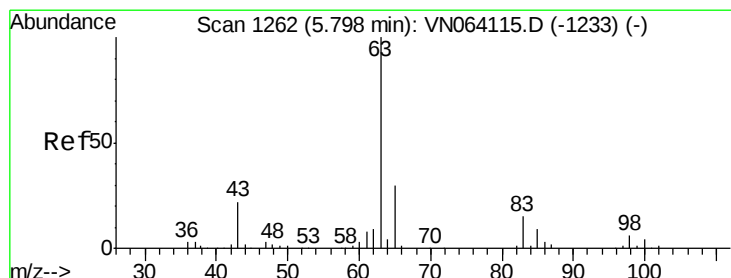
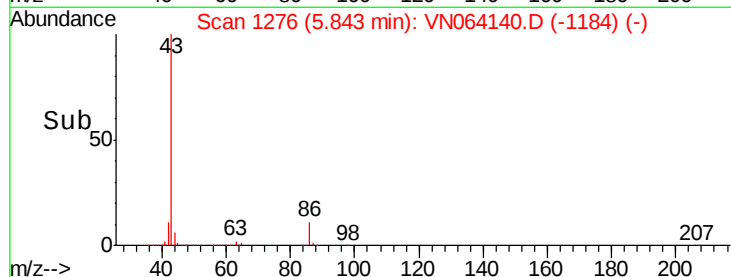
150000

100000

50000

0

Time-->



#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

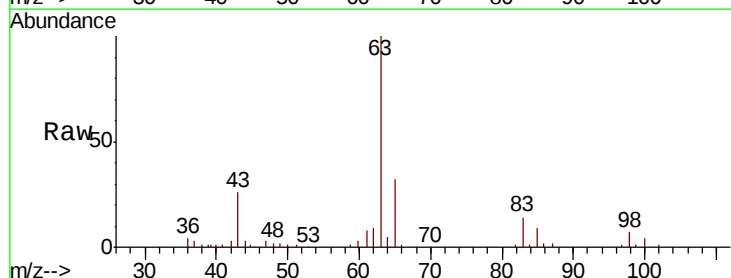
Tgt Ion: 63 Resp: 132778

Ion Ratio Lower Upper

63 100

98 6.7 3.1 9.3

100 4.3 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VN064115.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN064115.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN064115.D (-1233) (-)

5.80

50000

40000

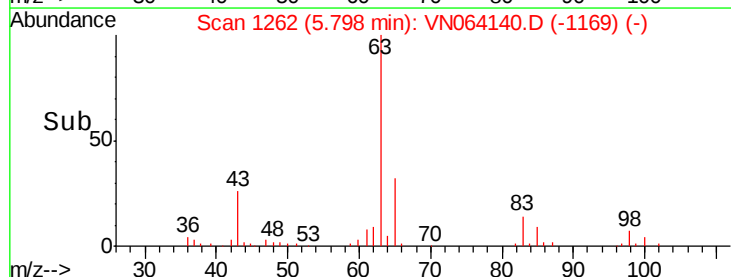
30000

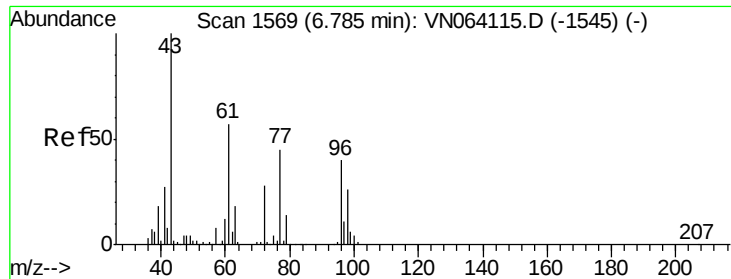
20000

10000

0

Time-->





#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 :

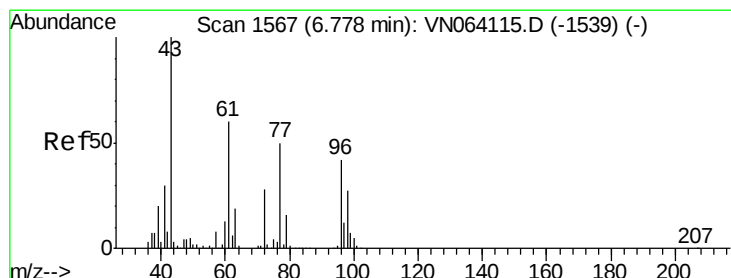
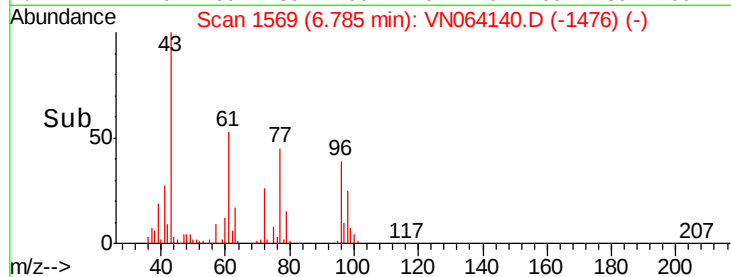
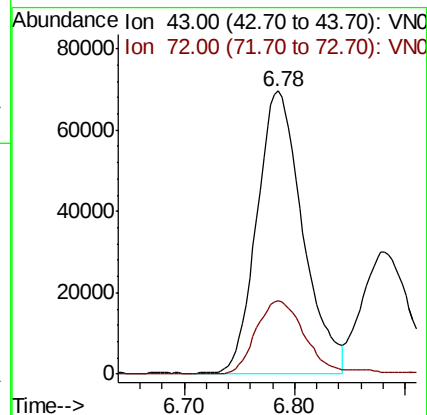
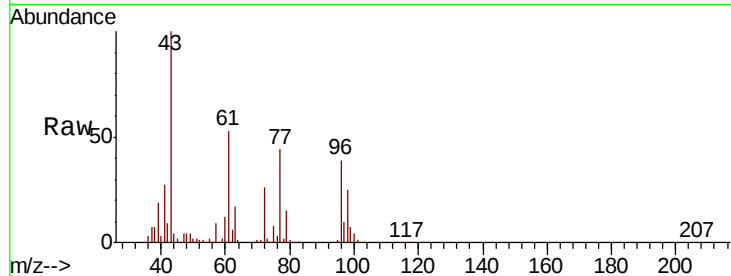
VN1015WBSD01

Tot Ion: 43 Resp: 199455

Ion Ratio Lower Upper

43 100

72 26.0 22.2 33.2



#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

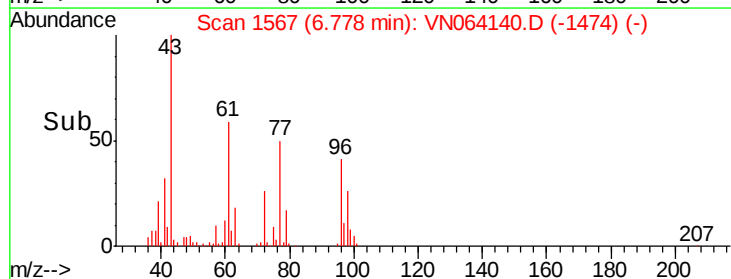
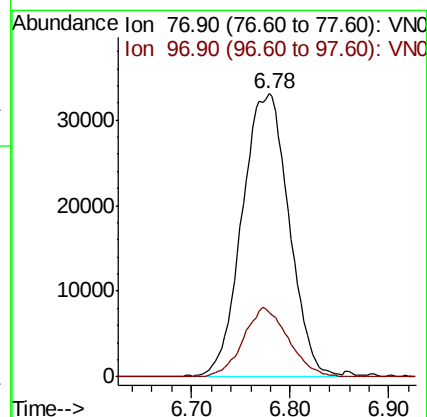
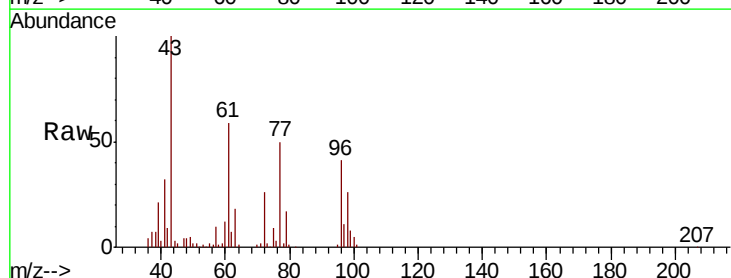
Acq: 15 Oct 2020 13:55

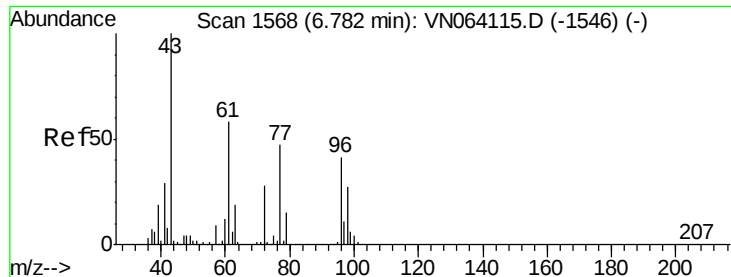
Tgt Ion: 77 Resp: 109017

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

ClientSampleId :

VN1015WBSD01

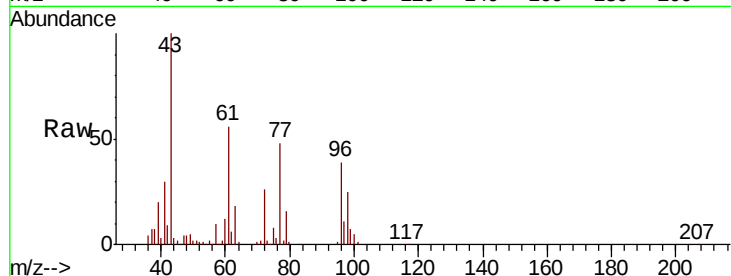
Tot Ion: 96 Resp: 80549

Ion Ratio Lower Upper

96 100

61 145.2 0.0 285.6

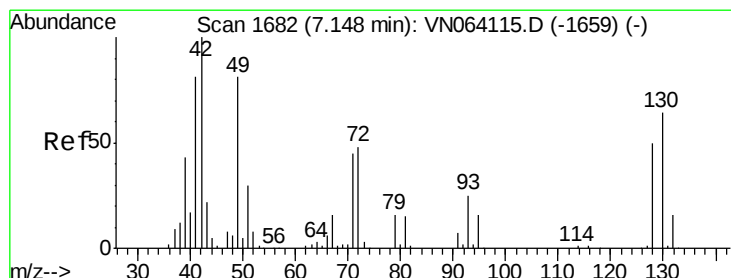
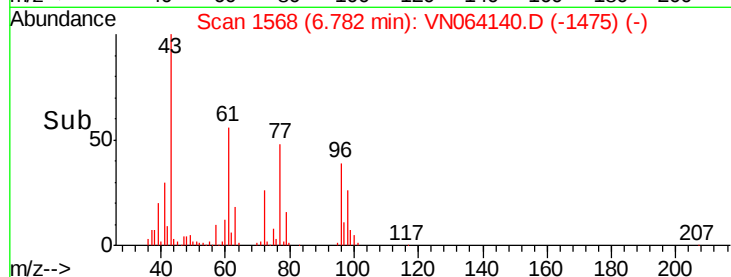
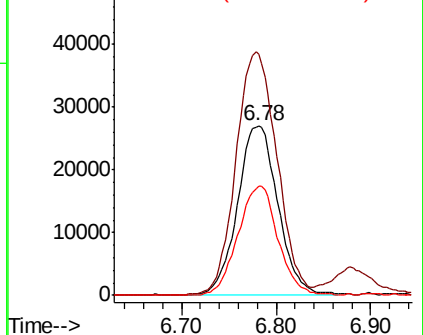
98 63.8 0.0 131.0



Abundance Ion 95.90 (95.60 to 96.60): VN064140.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064140.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064140.D (-1546) (-)



#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

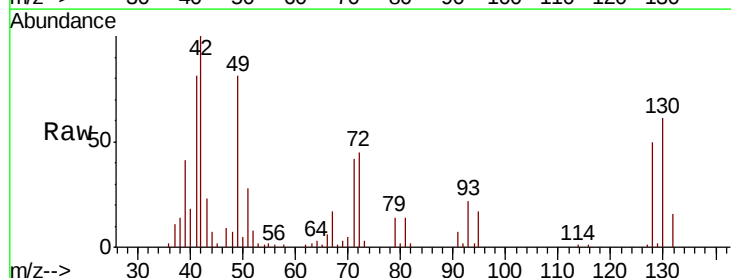
Tgt Ion: 49 Resp: 59763

Ion Ratio Lower Upper

49 100

129 0.7 0.0 2.0

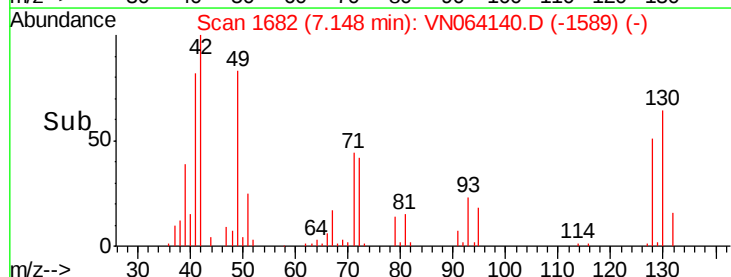
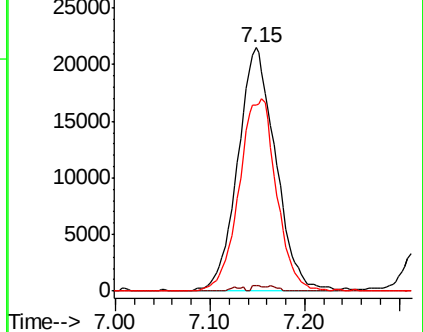
130 77.7 0.0 0.0#

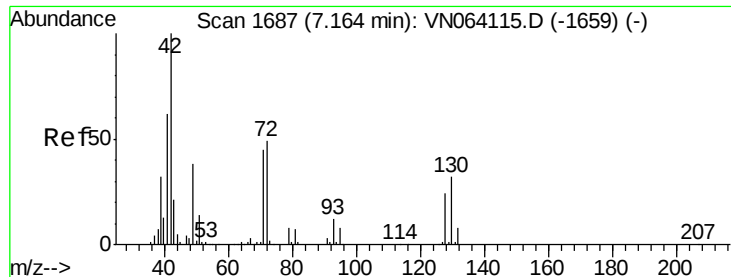


Abundance Ion 48.90 (48.60 to 49.60): VN064140.D (-1659) (-)

Ion 128.80 (128.50 to 129.50): VN064140.D (-1659) (-)

Ion 129.80 (129.50 to 130.50): VN064140.D (-1659) (-)

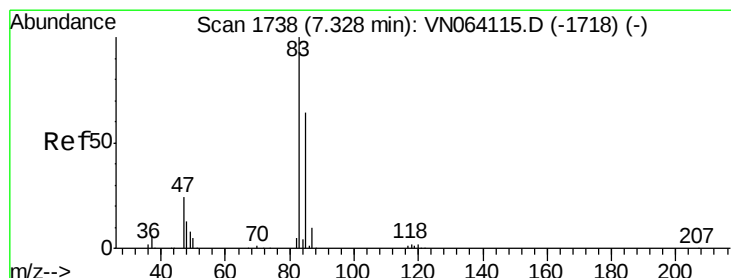
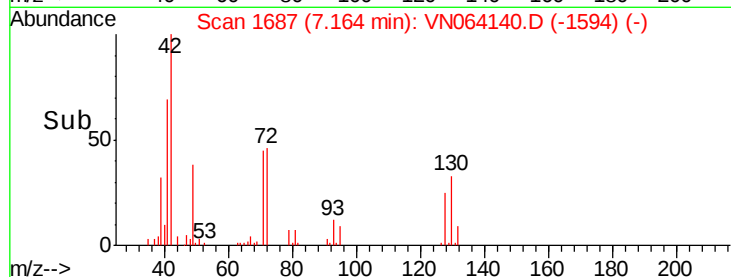
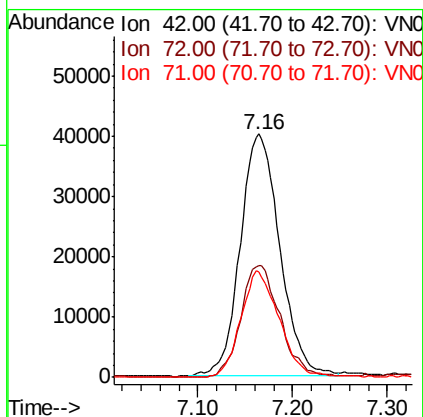
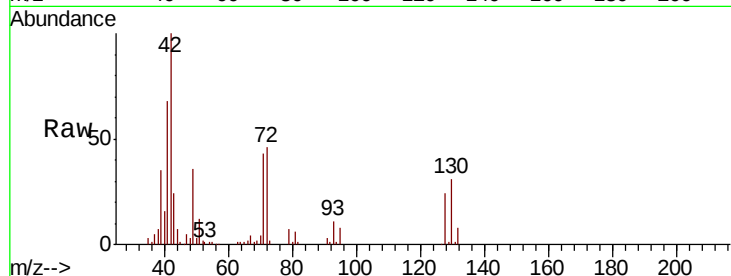




#29
Tetrahydrofuran
Concen: 91.183 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

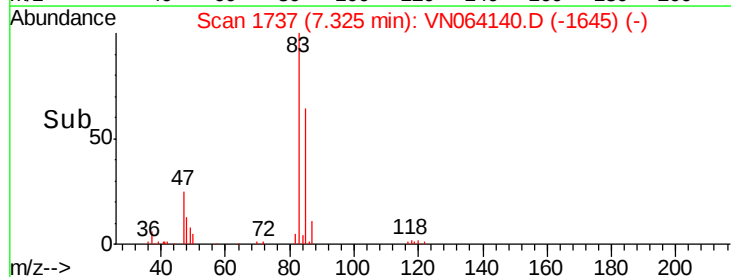
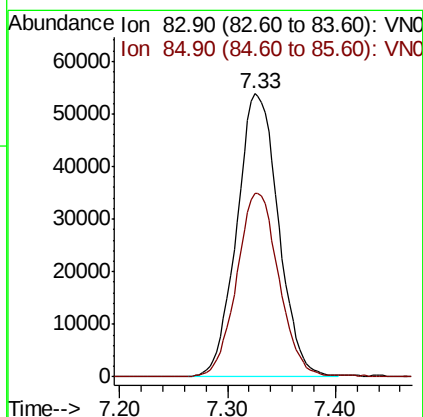
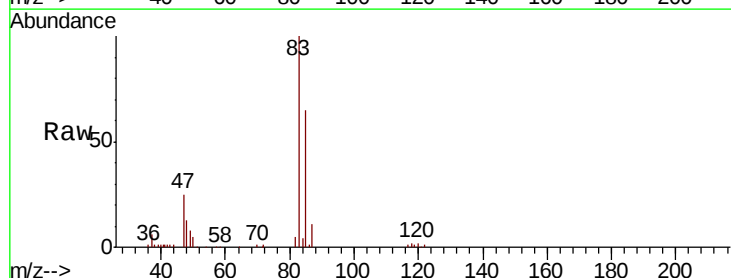
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

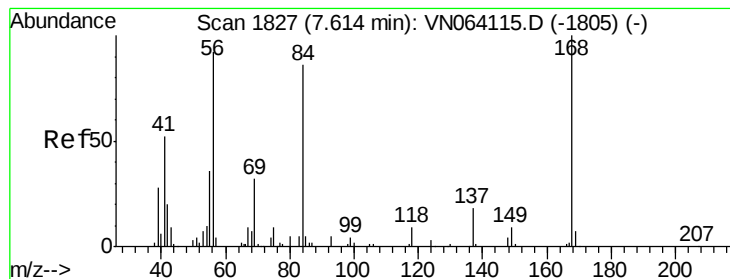
Tot Ion: 42 Resp: 116287
Ion Ratio Lower Upper
42 100
72 46.0 37.8 56.6
71 42.9 35.3 52.9



#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: 83 Resp: 144544
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

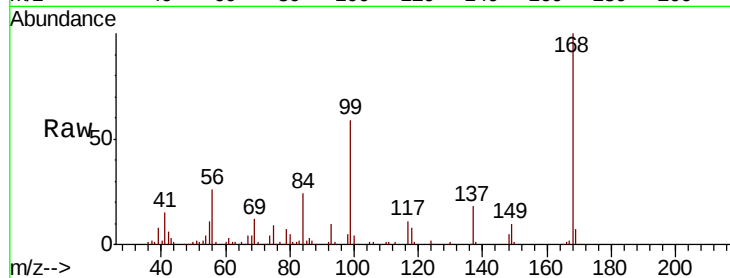
Tot Ion: 56 Resp: 91741

Ion Ratio Lower Upper

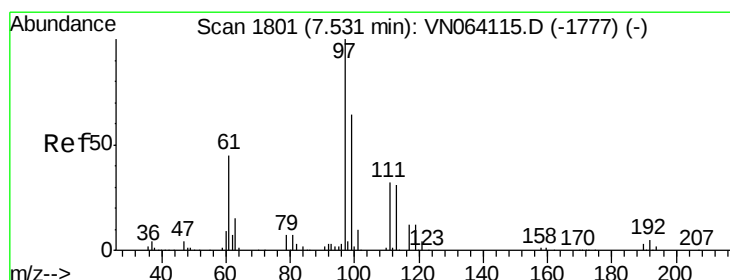
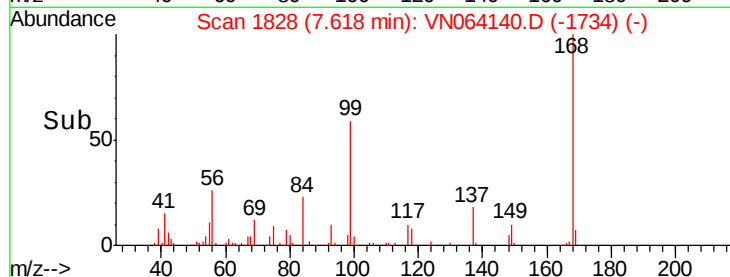
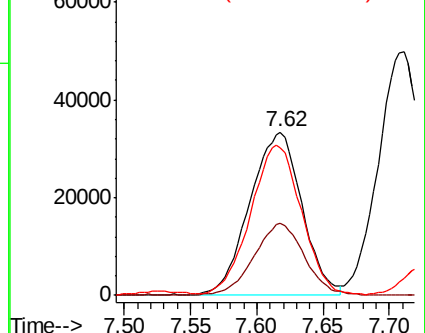
56 100

69 44.2 27.8 41.6#

84 89.2 73.2 109.8



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#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

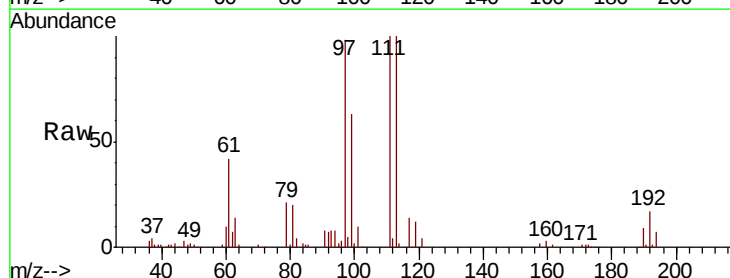
Tgt Ion: 97 Resp: 121348

Ion Ratio Lower Upper

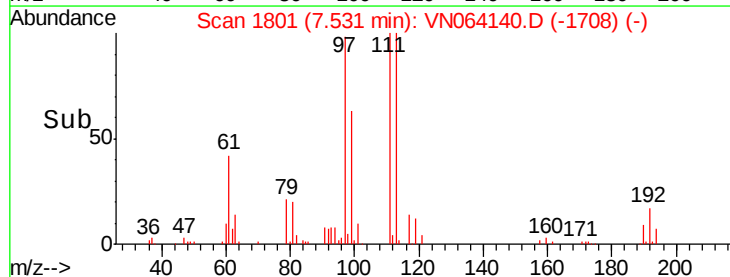
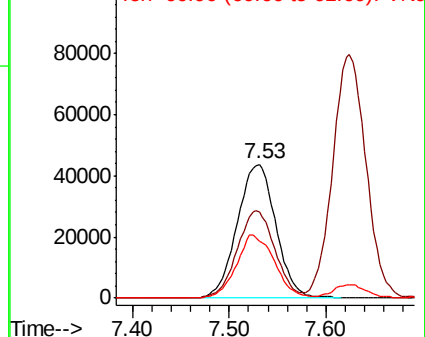
97 100

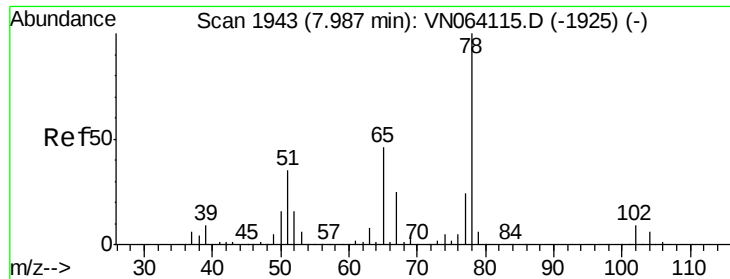
99 64.0 50.2 75.2

61 46.6 35.6 53.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

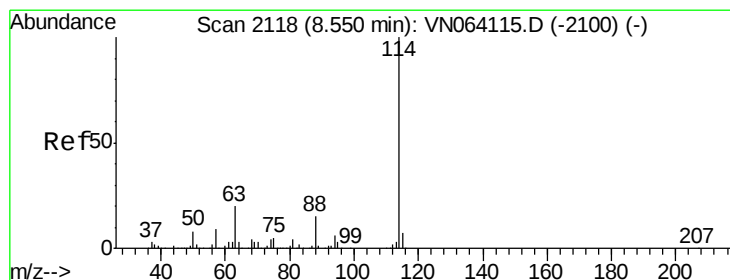
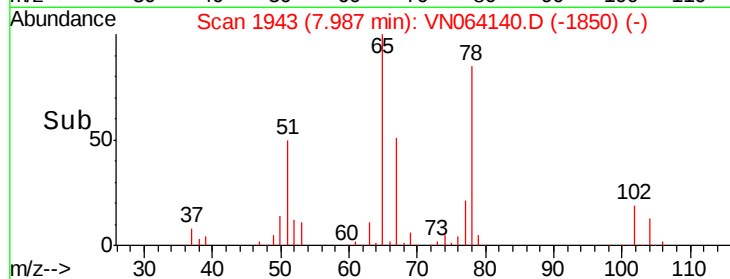
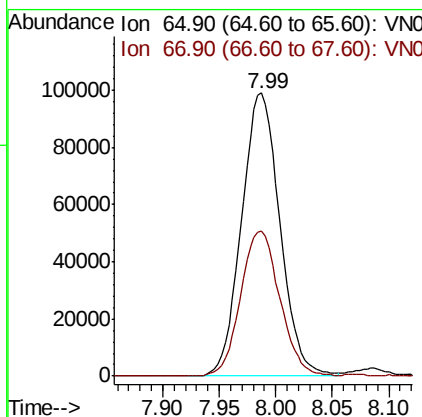
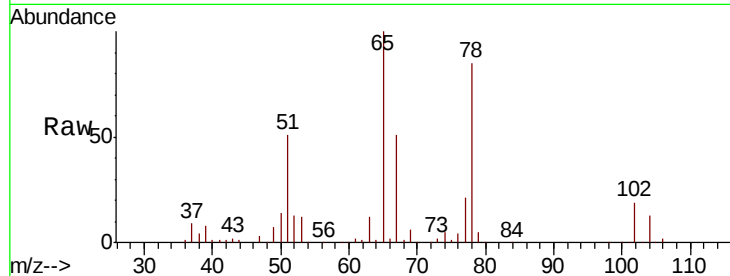




#33
 1,2-Dichloroethane-d4
 Concen: 48.873 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

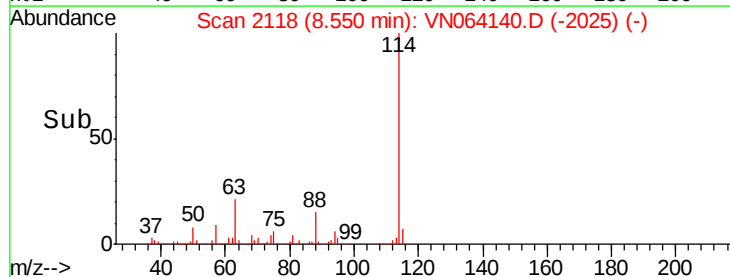
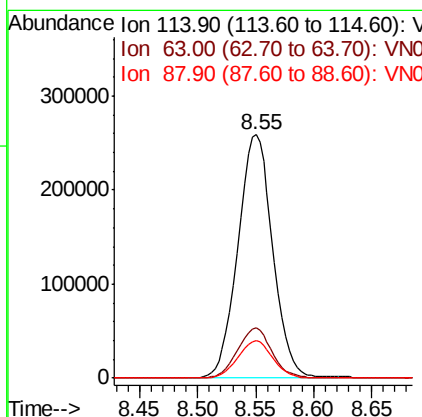
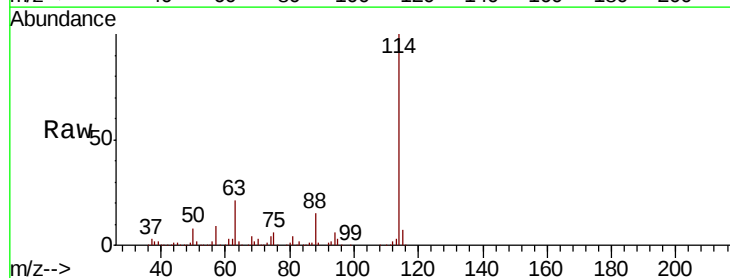
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

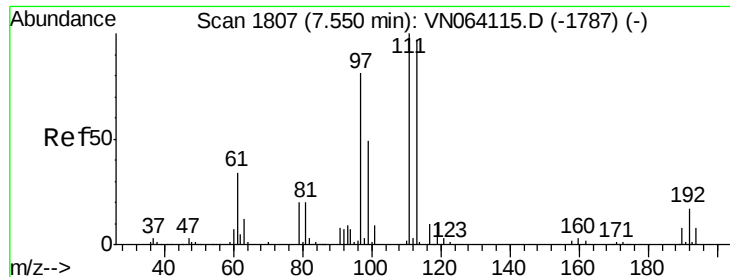
Tot Ion: 65 Resp: 233757
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.6



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

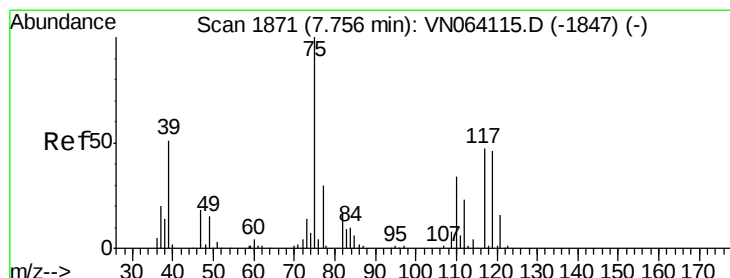
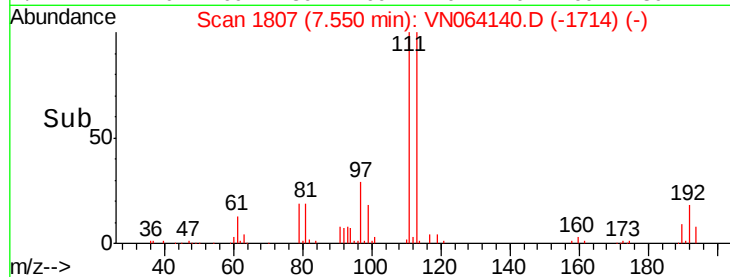
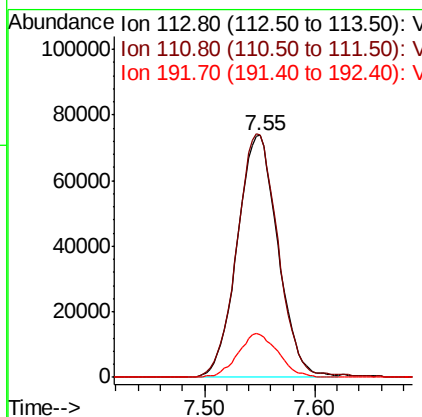
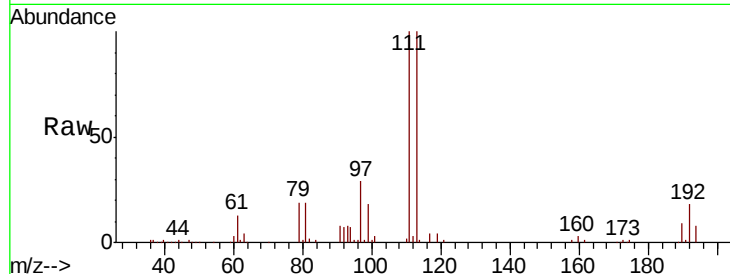




#35
 Dibromofluoromethane
 Concen: 50.400 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

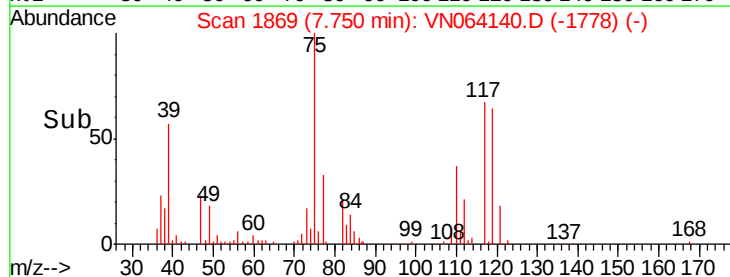
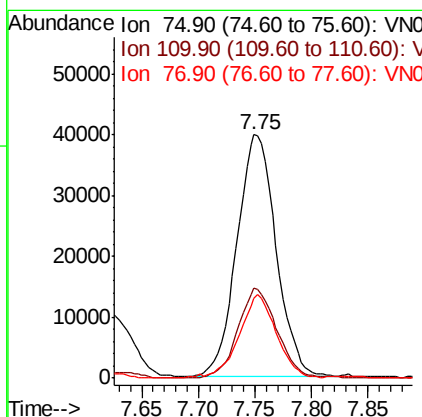
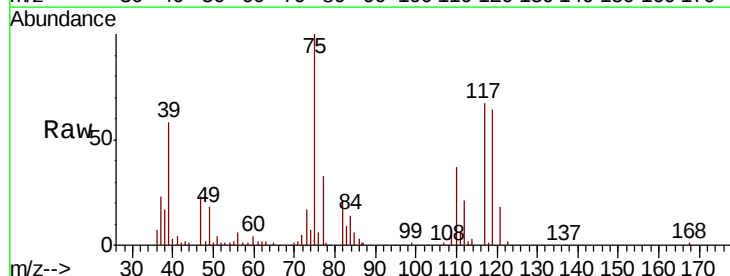
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

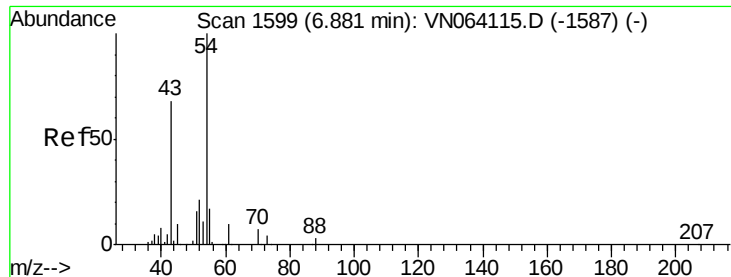
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.9	122.9
192	17.9	14.3	21.5



#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	Lower	Upper
75	100		
110	36.9	17.8	53.3
77	32.4	24.9	37.3

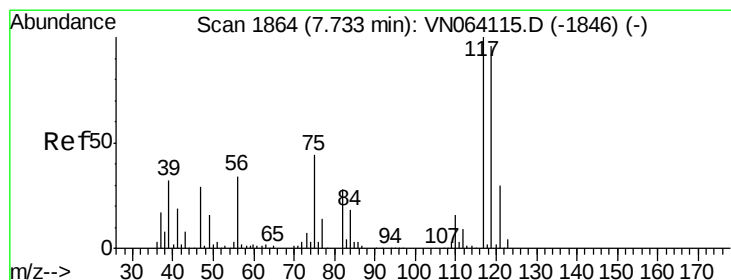
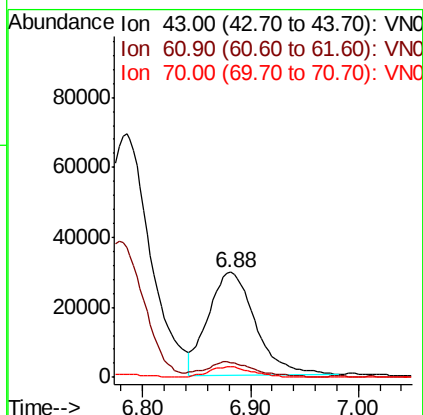
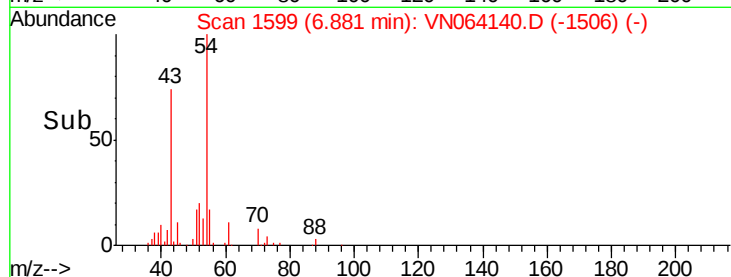
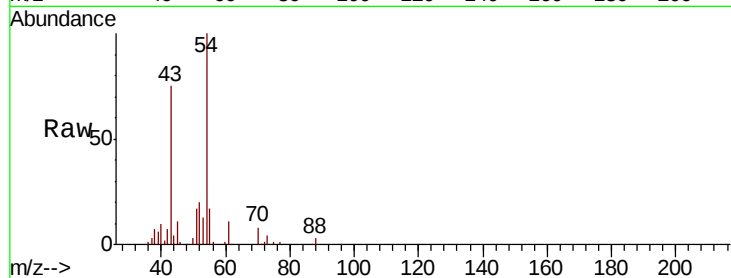




#37
Ethyl Acetate
Concen: 19.268 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

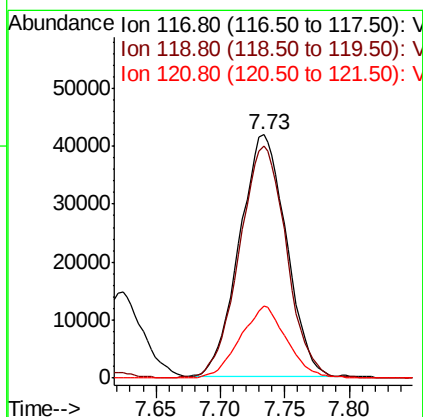
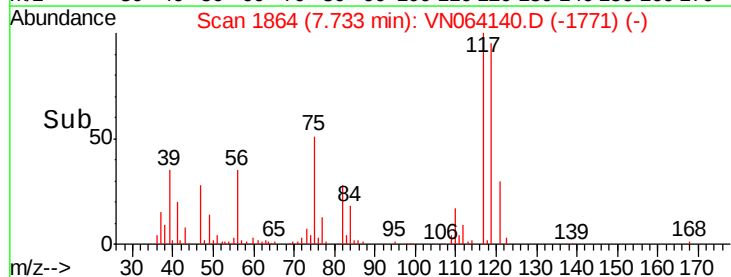
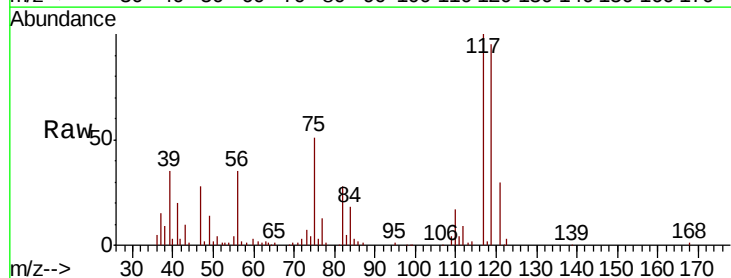
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

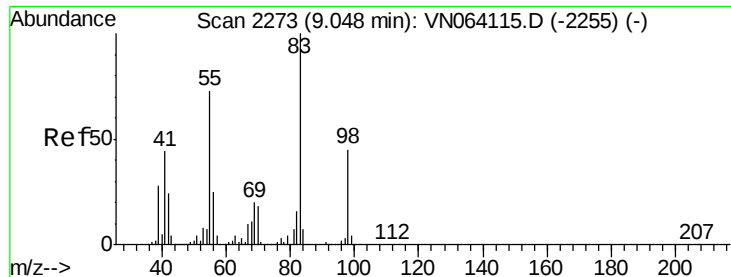
Tot Ion: 43 Resp: 89043
Ion Ratio Lower Upper
43 100
61 15.0 11.3 16.9
70 10.0 7.7 11.5



#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 Lower Upper
117 100
119 95.4 77.0 115.4
121 29.8 24.2 36.4

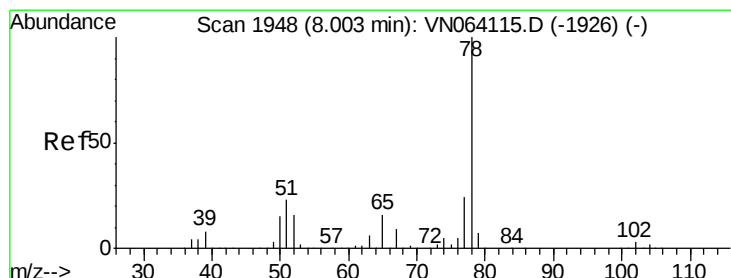
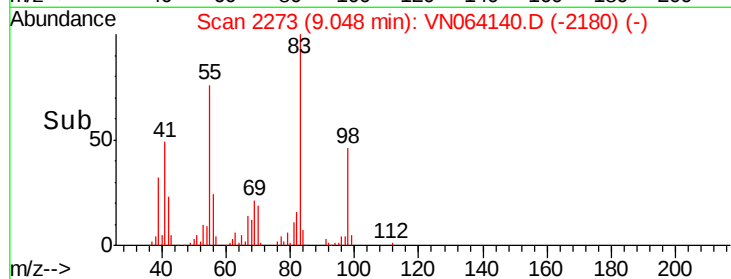
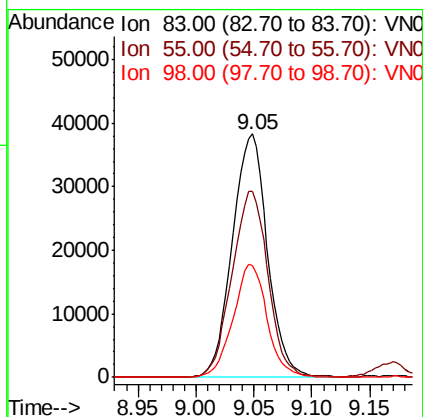
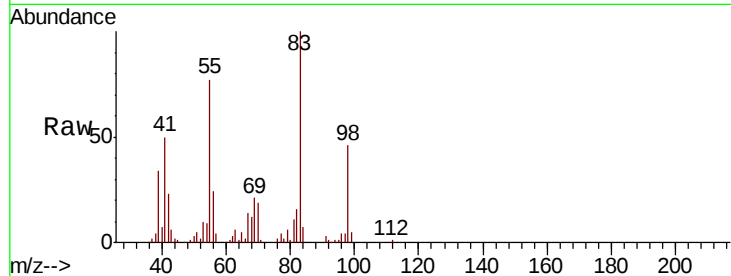




#39
Methvlcvclohexane
Concen: 18.366 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

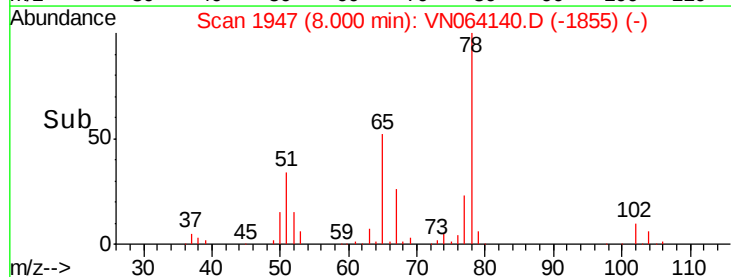
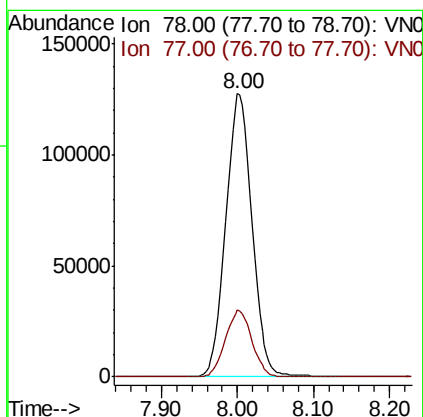
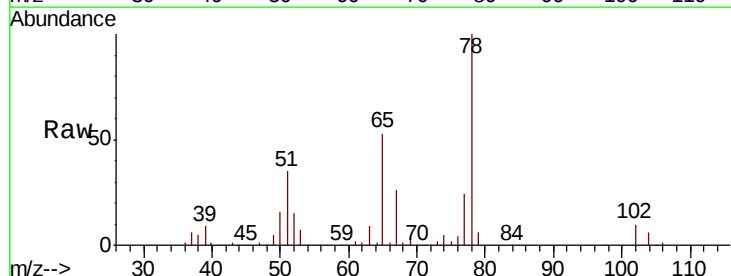
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

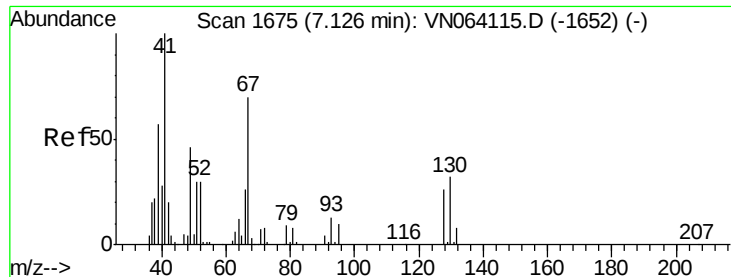
Tot Ion: 83 Resp: 80404
Ion Ratio Lower Upper
83 100
55 76.6 58.5 87.7
98 45.9 36.2 54.2



#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 Lower Upper
78 100
77 23.6 19.3 28.9

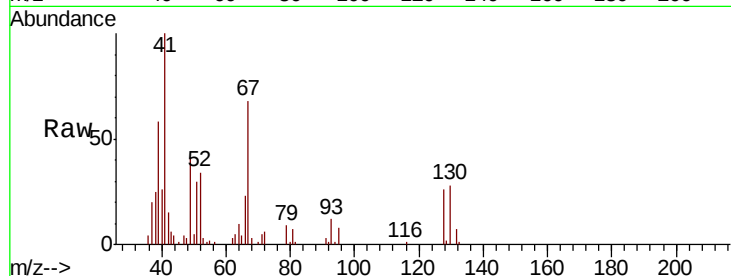




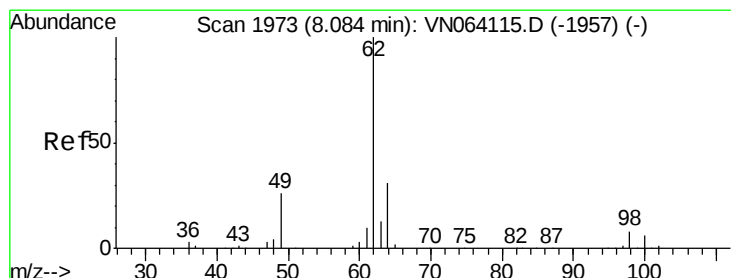
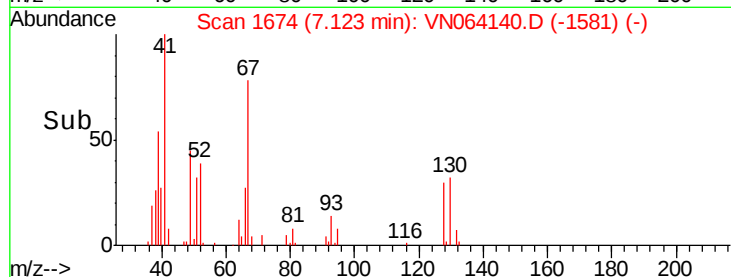
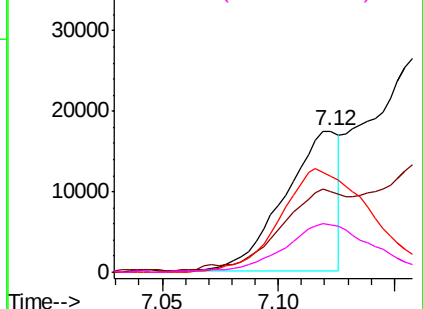
#41
Methacrylonitrile
Concen: 14.067 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

Tot Ion: 41 Resp: 28144
Ion Ratio Lower Upper
41 100
39 74.0 50.7 76.1
67 128.4 73.8 110.6#
52 58.0 32.2 48.4#

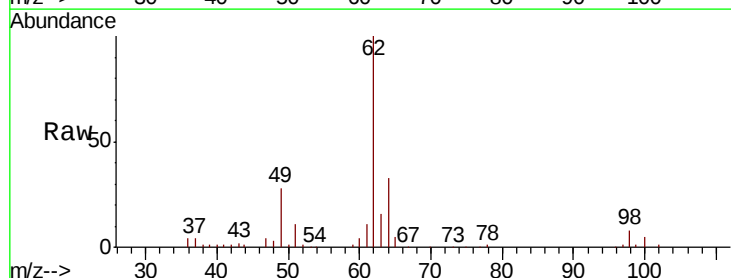


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

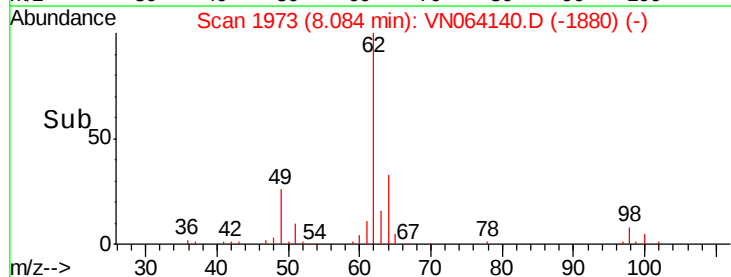
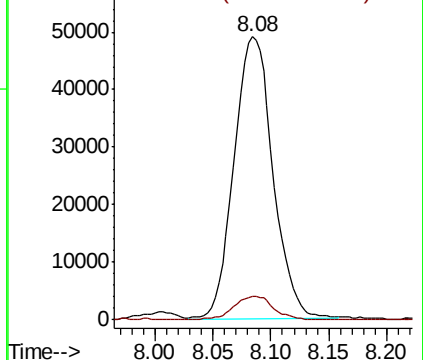


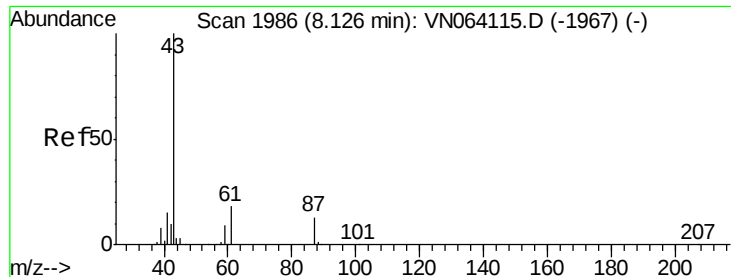
#42
1,2-Dichloroethane
Concen: 20.313 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

Tgt Ion: 62 Resp: 113973
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#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

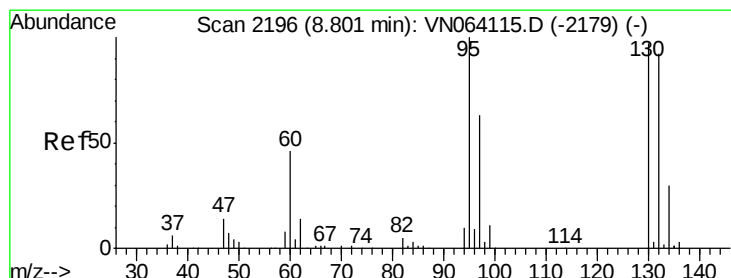
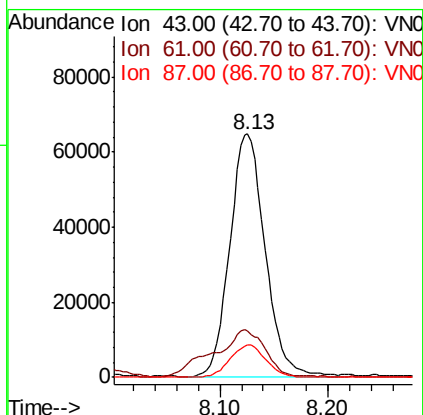
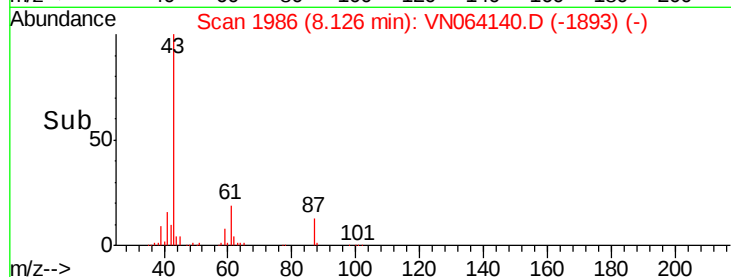
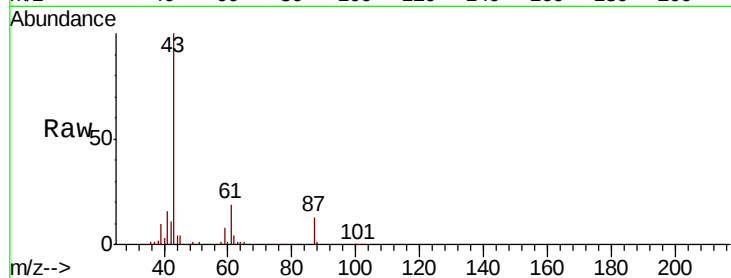
Tot Ion: 43 Resp: 146760

Ion Ratio Lower Upper

43 100

61 28.1 21.9 32.9

87 13.5 11.0 16.4



#44

Trichloroethene

Concen: 19.207 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064140.D

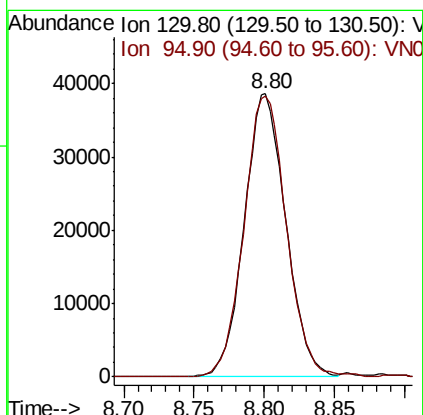
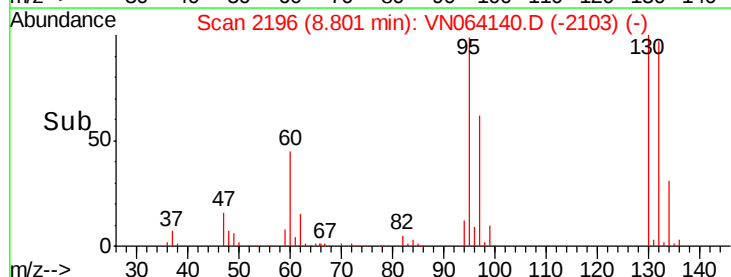
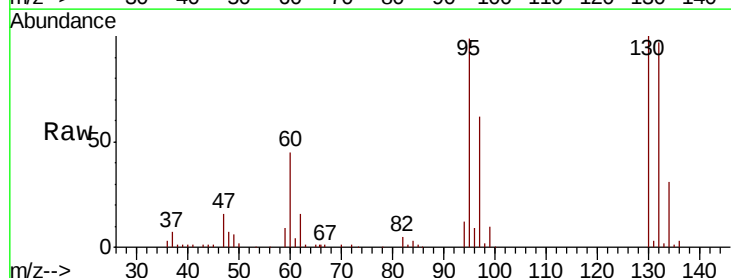
Acq: 15 Oct 2020 13:55

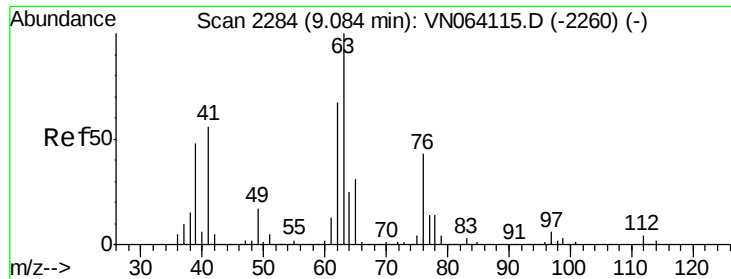
Tgt Ion: 130 Resp: 79645

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 :

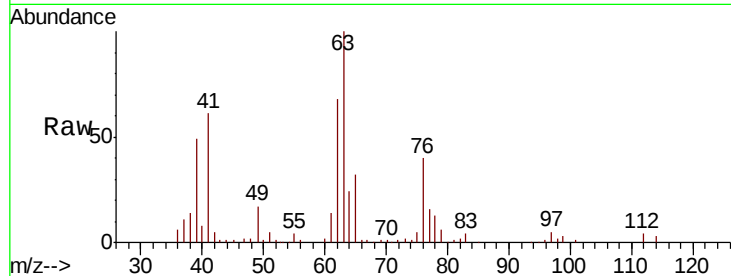
VN1015WBSD01

Tot Ion: 63 Resp: 83008

Ion Ratio Lower Upper

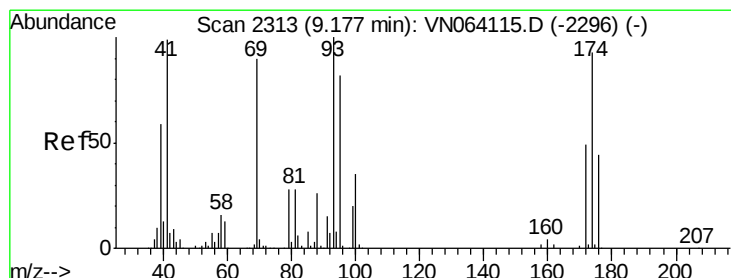
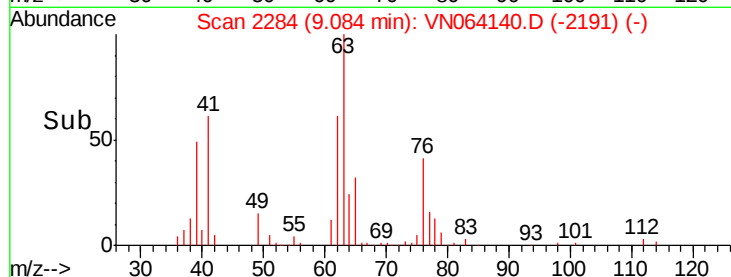
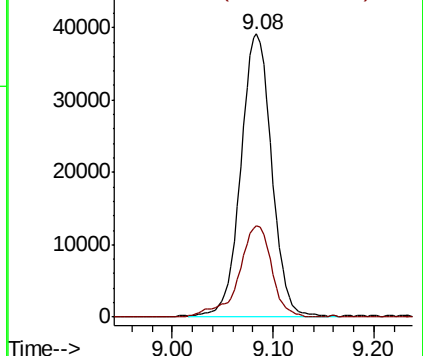
63 100

65 32.5 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#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

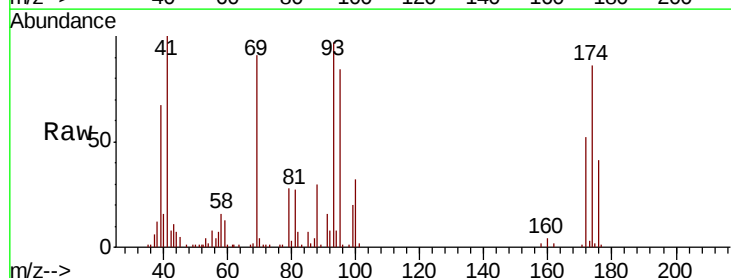
Tgt Ion: 93 Resp: 57634

Ion Ratio Lower Upper

93 100

95 84.1 66.8 100.2

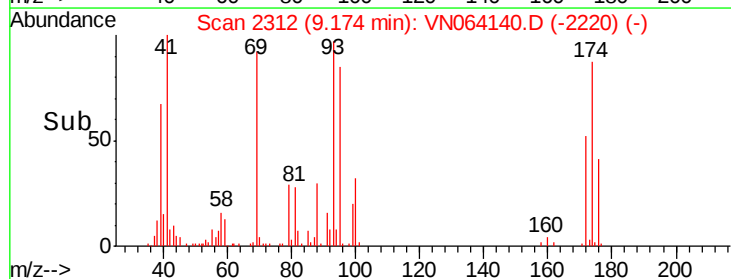
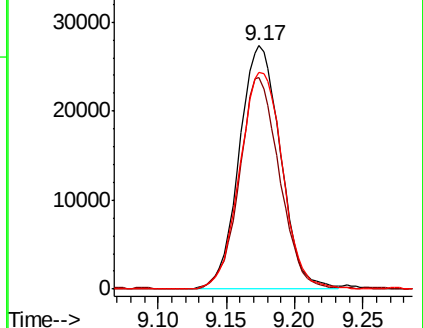
174 91.9 75.2 112.8

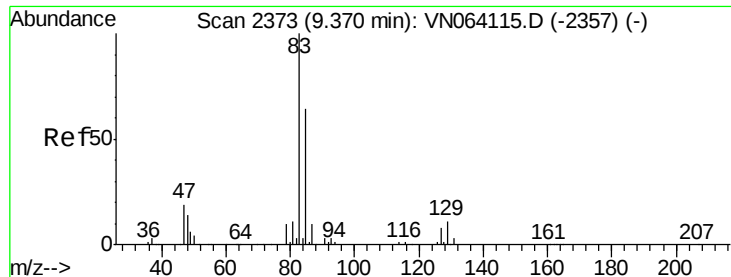


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#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

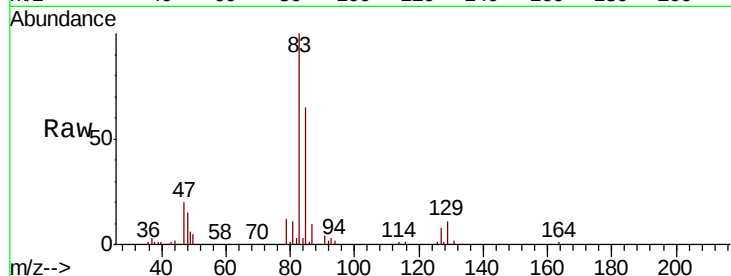
Tot Ion: 83 Resp: 114397

Ion Ratio Lower Upper

83 100

85 64.8 50.8 76.2

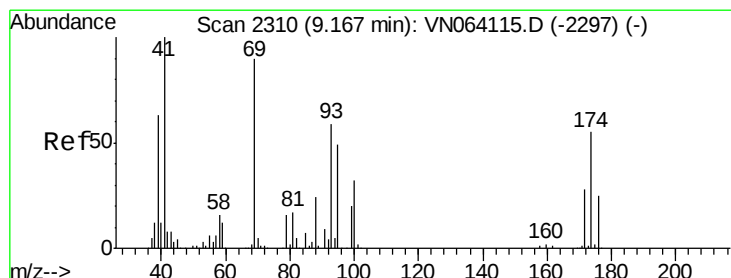
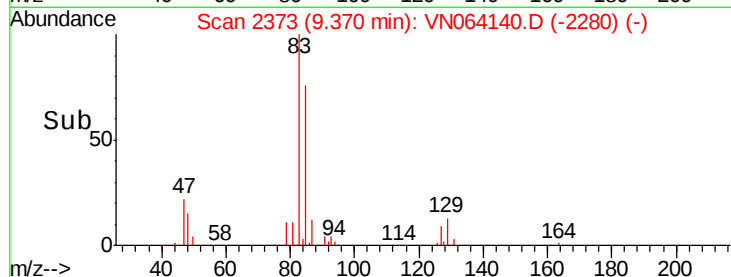
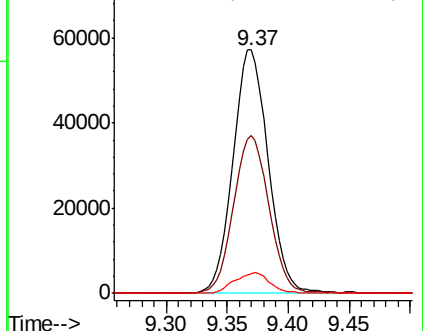
127 8.0 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN064140.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064140.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064140.D (-2280) (-)



#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

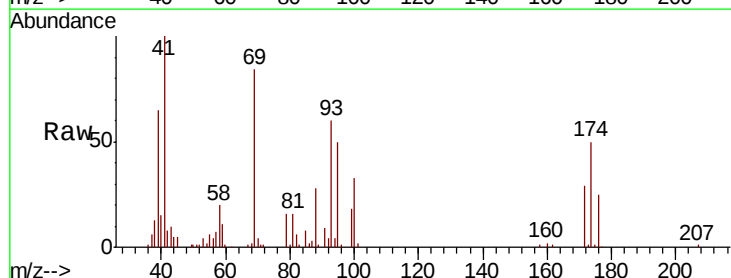
Tgt Ion: 41 Resp: 65090

Ion Ratio Lower Upper

41 100

69 92.9 71.4 107.2

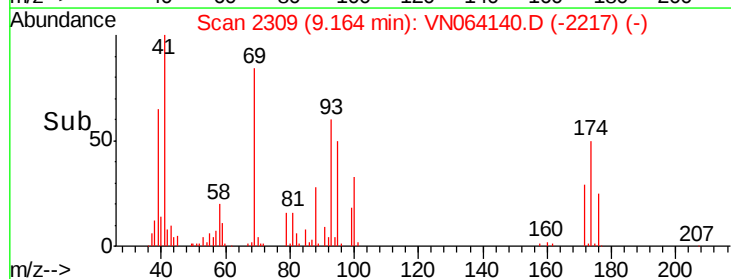
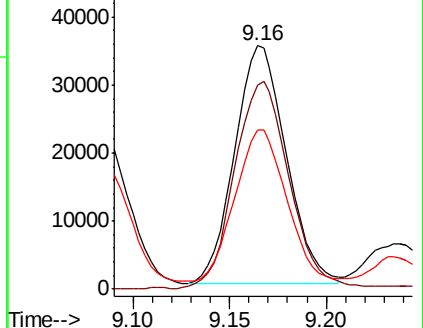
39 68.4 52.5 78.7

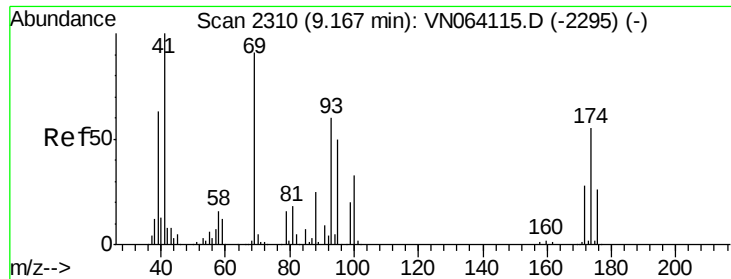


Abundance Ion 41.00 (40.70 to 41.70): VN064140.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN064140.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN064140.D (-2217) (-)

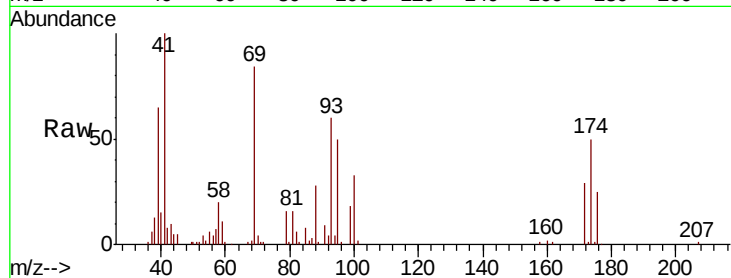




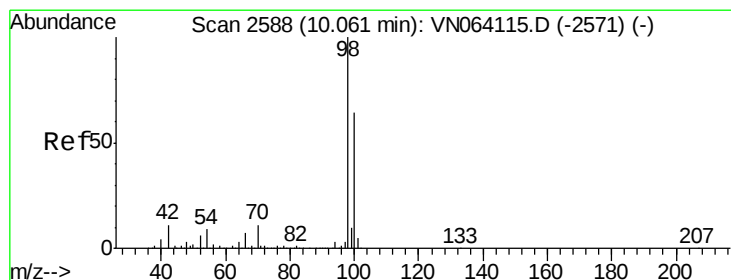
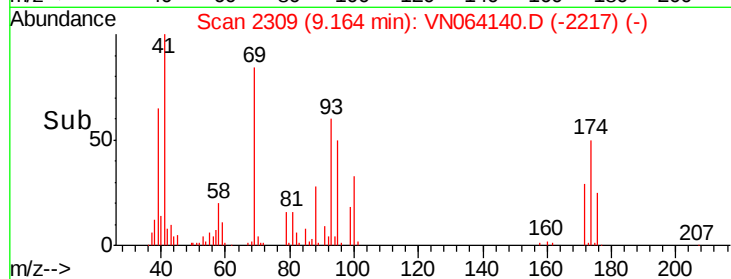
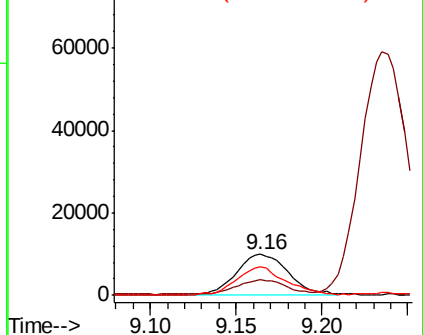
#49
1,4-Dioxane
Concen: 391.098 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

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

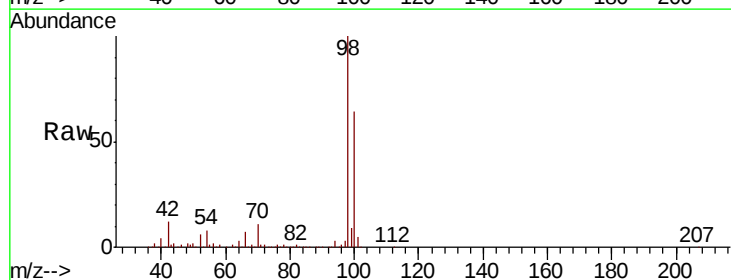


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

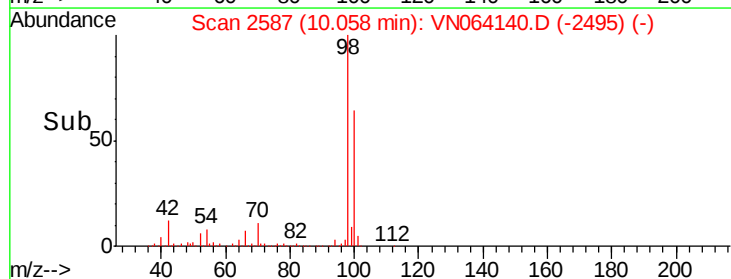
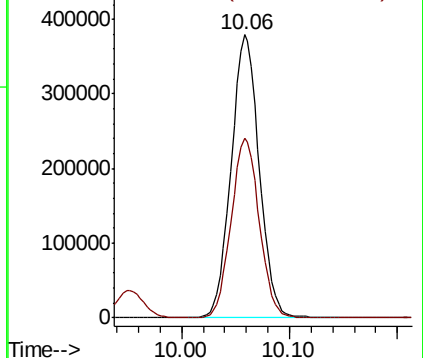


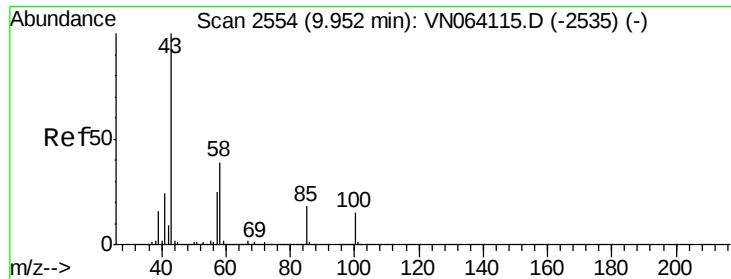
#50
Toluene-d8
Concen: 48.883 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

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): VN0
Ion 100.00 (99.70 to 100.70): VN0





#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

ClientSampled :

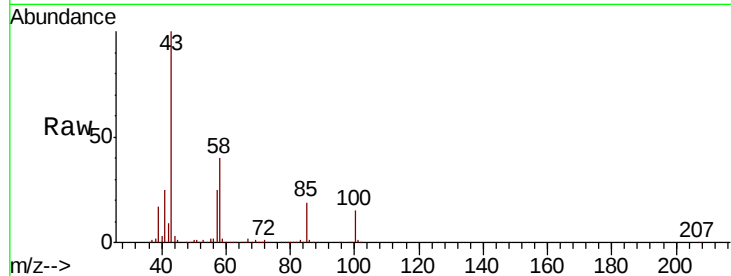
VN1015WBSD01

Tot Ion: 43 Resp: 452478

Ion Ratio Lower Upper

43 100

58 38.5 31.2 46.8



Abundance Ion 43.00 (42.70 to 43.70): VN064115.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064115.D (-2535) (-)

9.95

250000

200000

150000

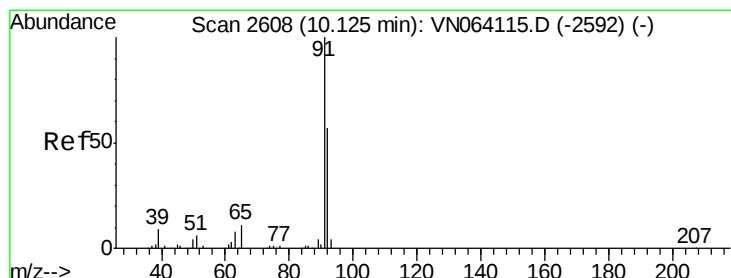
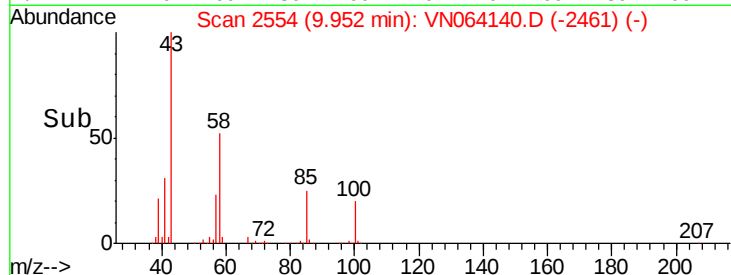
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 19.729 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064140.D

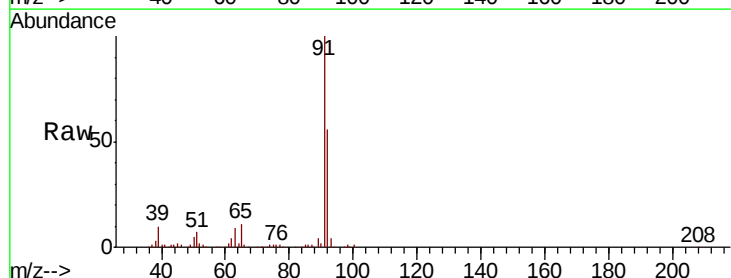
Acq: 15 Oct 2020 13:55

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): VN064115.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064115.D (-2592) (-)

10.12

200000

150000

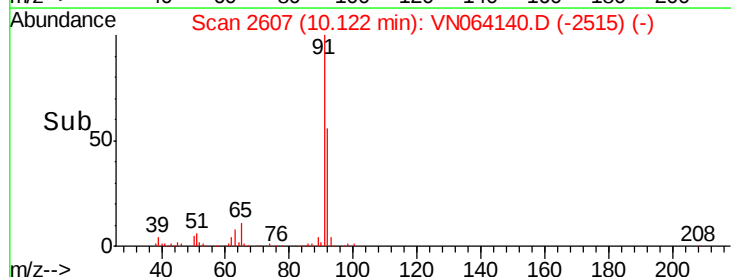
100000

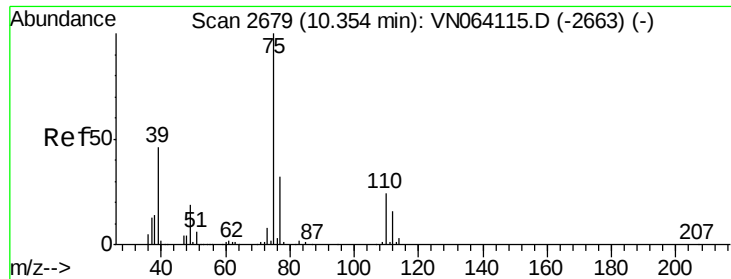
50000

0

10.10 10.20

Time-->





#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 :

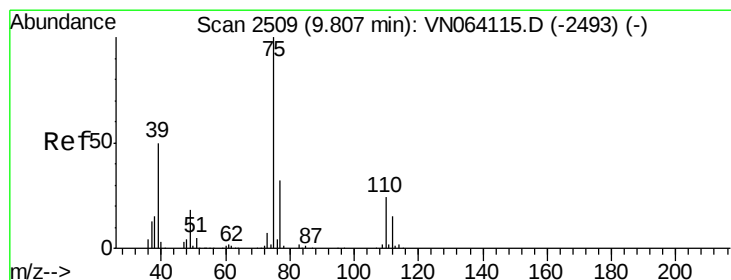
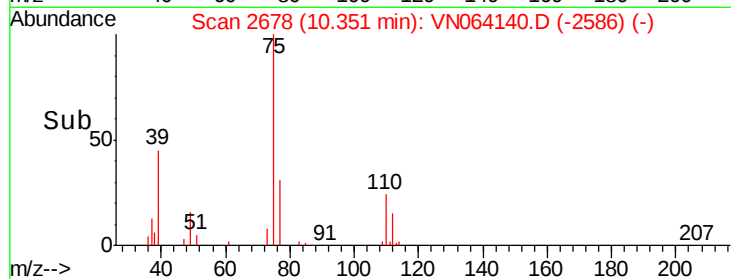
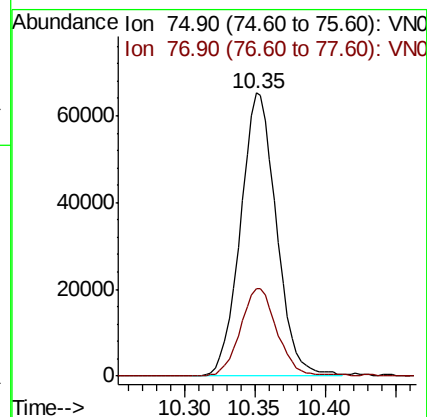
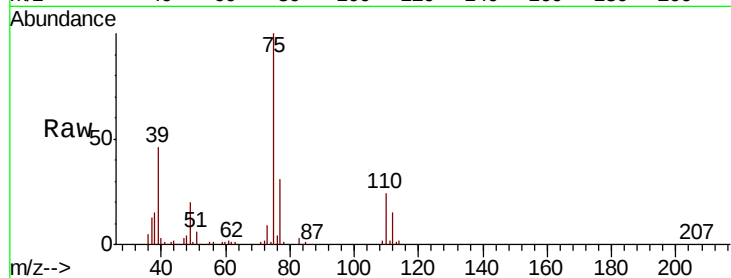
VN1015WBSD01

Tot Ion: 75 Resp: 116423

Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4



#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

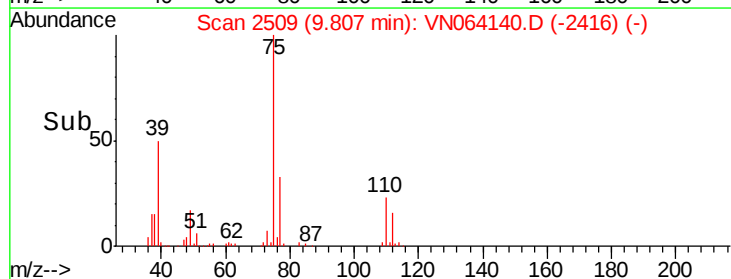
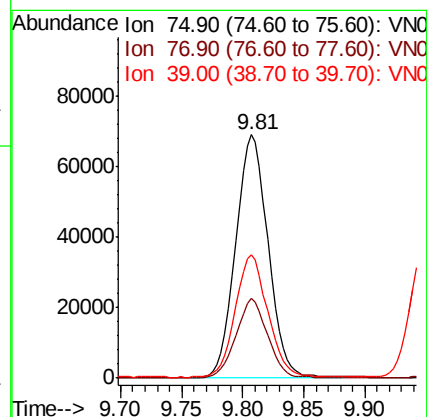
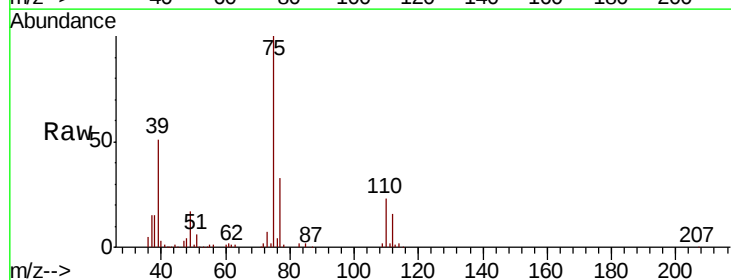
Tgt Ion: 75 Resp: 127925

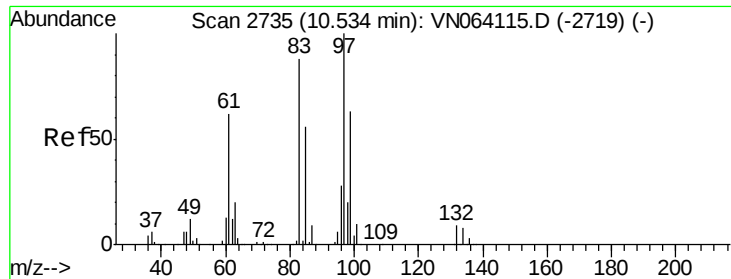
Ion Ratio Lower Upper

75 100

77 32.6 25.2 37.8

39 50.4 39.8 59.8

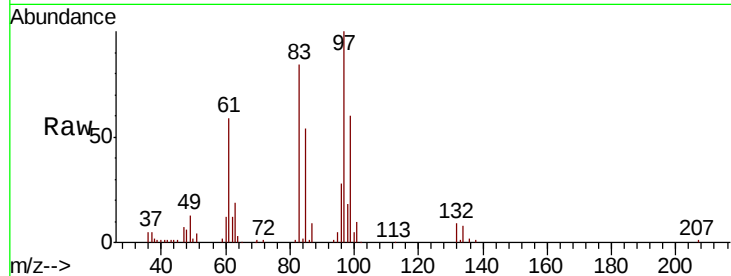




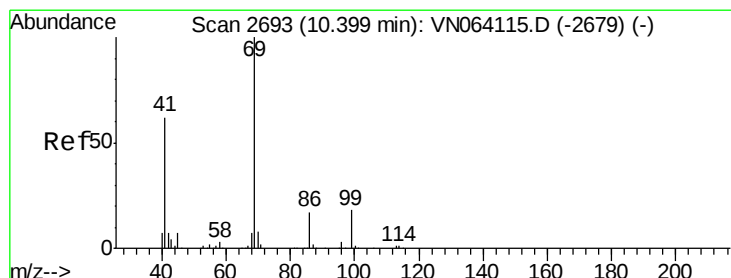
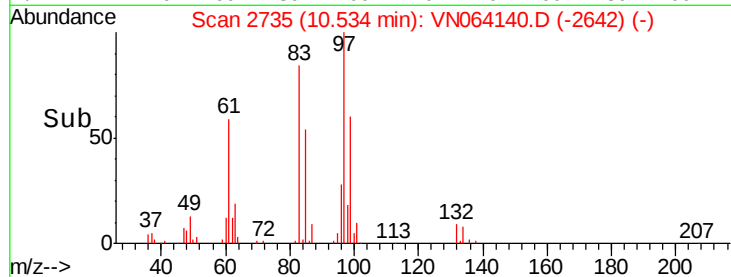
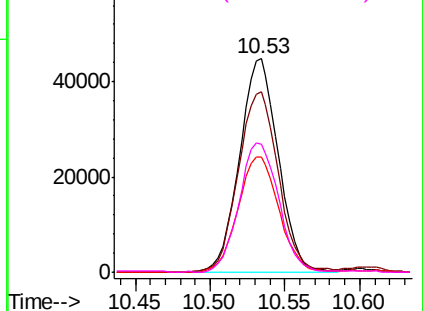
#55
 1,1,2-Trichloroethane
 Concen: 20.076 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampled :
 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

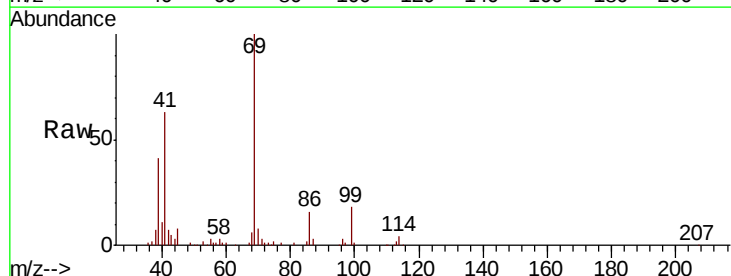


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

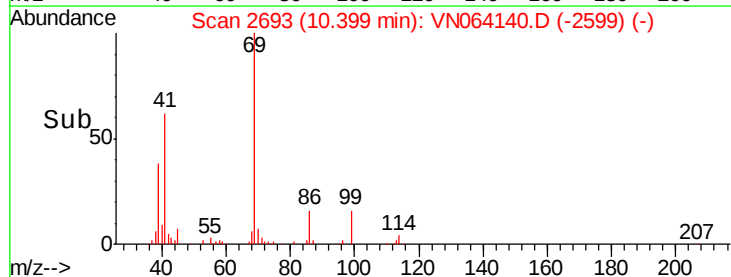
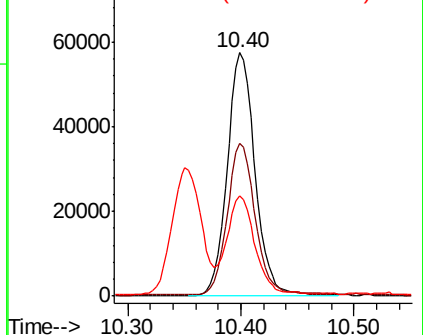


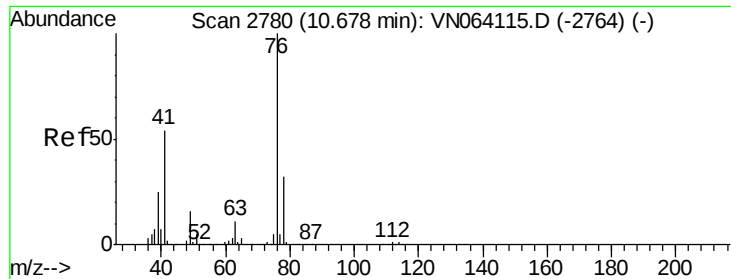
#56
 Ethyl methacrylate
 Concen: 18.566 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

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): VNO
 Ion 41.00 (40.70 to 41.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

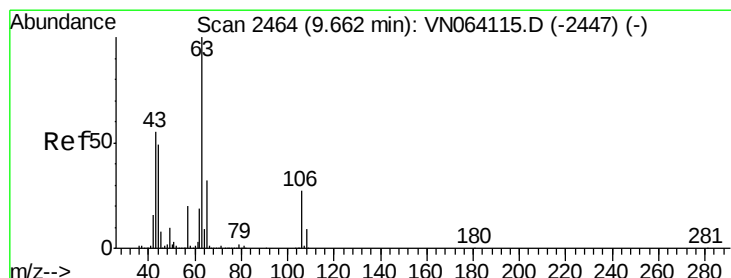
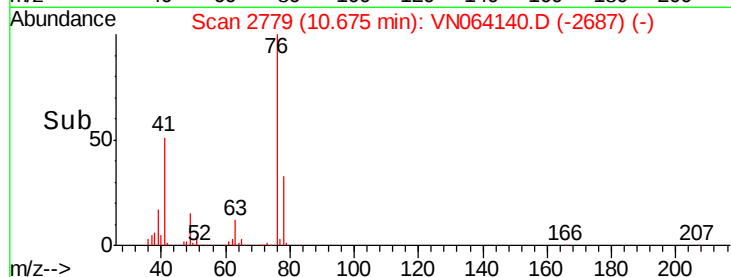
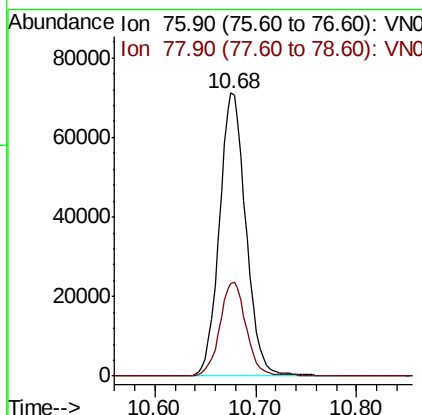
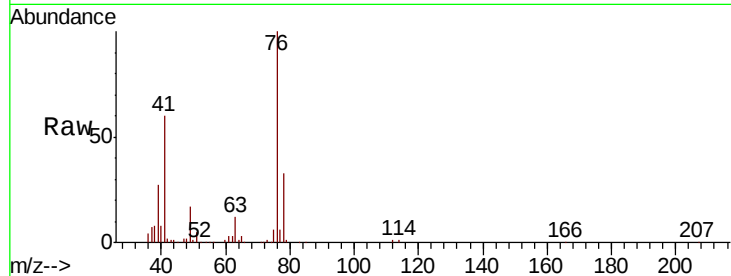




#57
 1,3-Dichloropropane
 Concen: 19.789 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

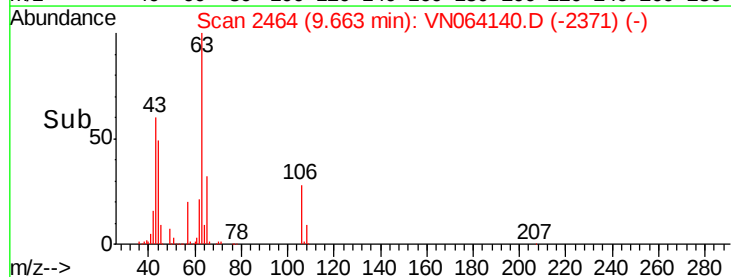
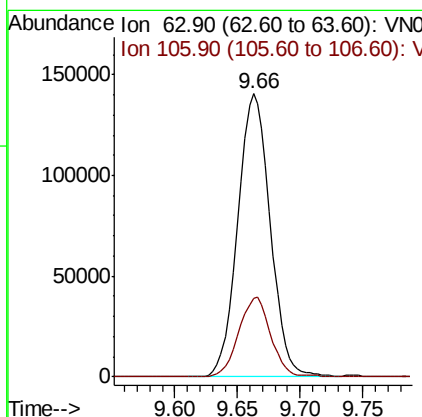
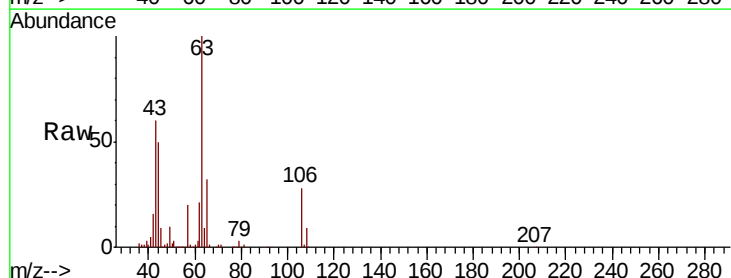
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

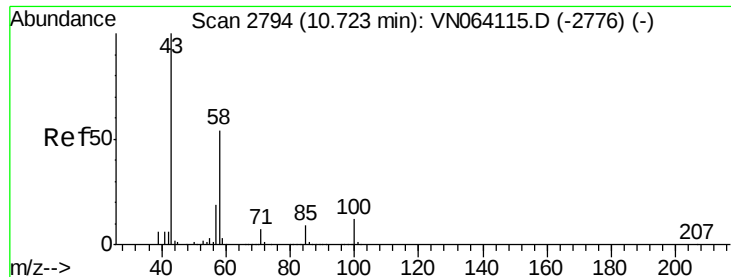
Tot Ion: 76 Resp: 130815
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.1 39.1



#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: 63 Resp: 253241
 Ion Ratio Lower Upper
 63 100
 106 28.0 21.8 32.6

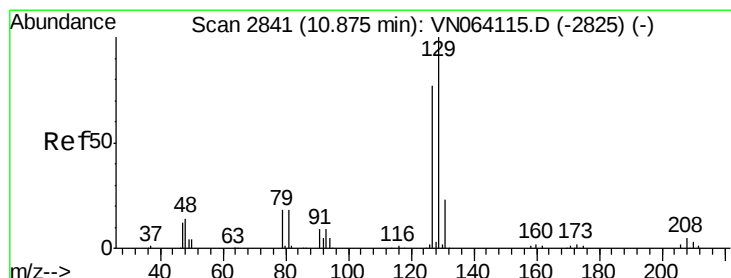
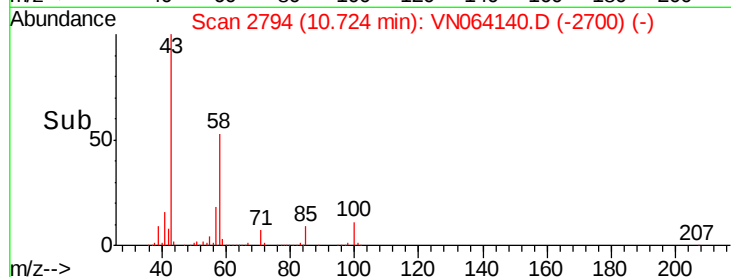
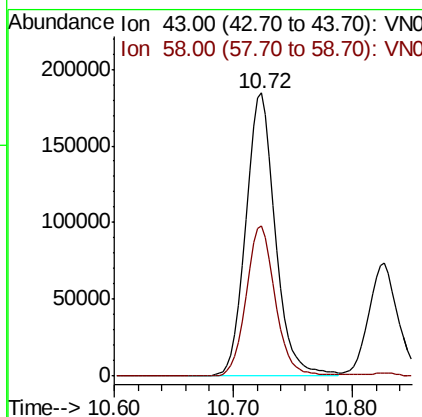
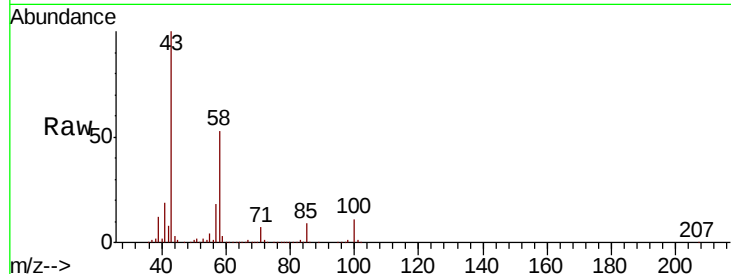




#59
2-Hexanone
Concen: 94.106 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

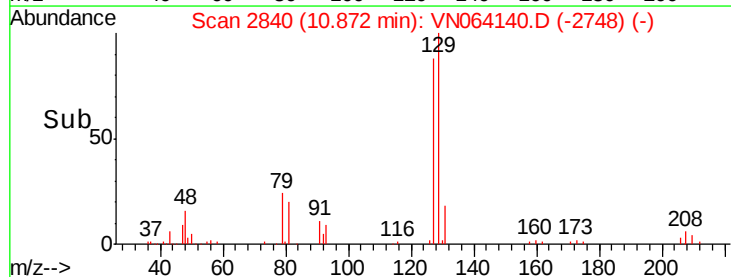
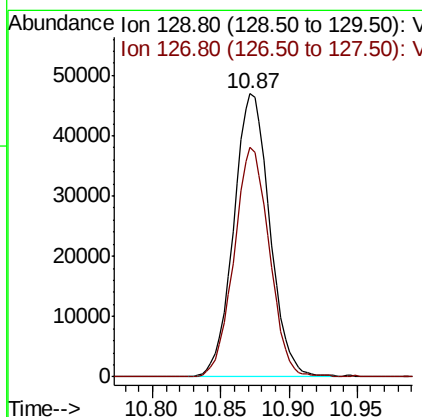
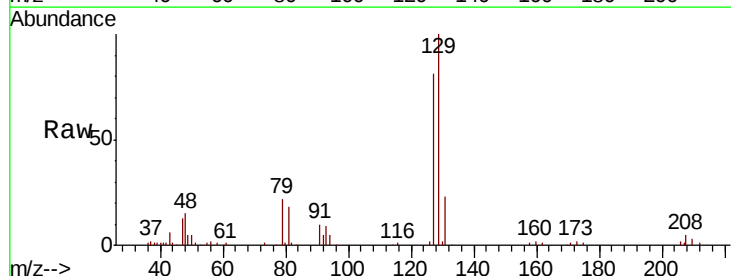
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

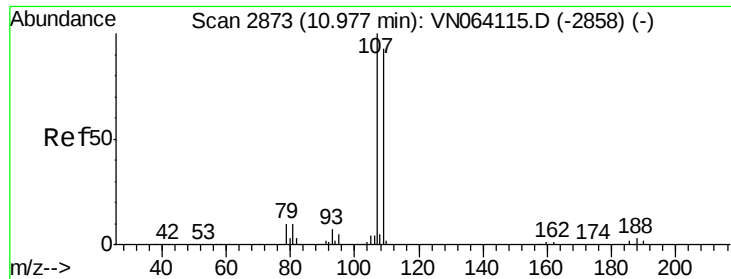
Tot Ion: 43 Resp: 314708
Ion Ratio Lower Upper
43 100
58 52.8 27.2 81.6



#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

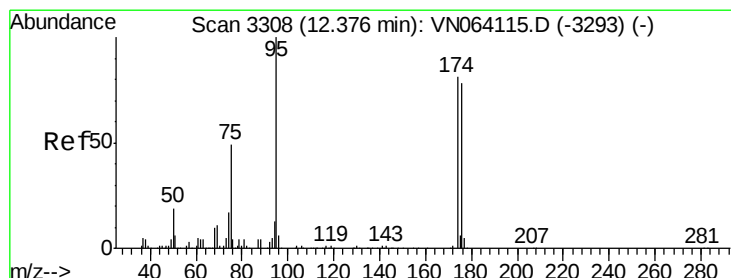
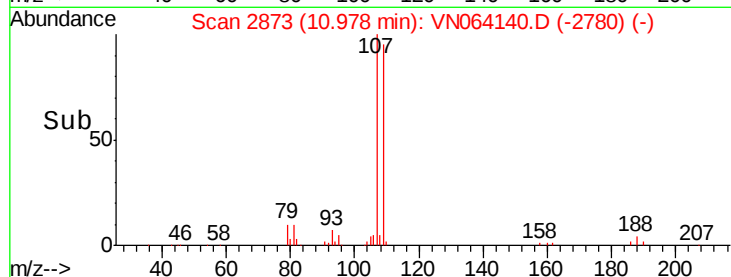
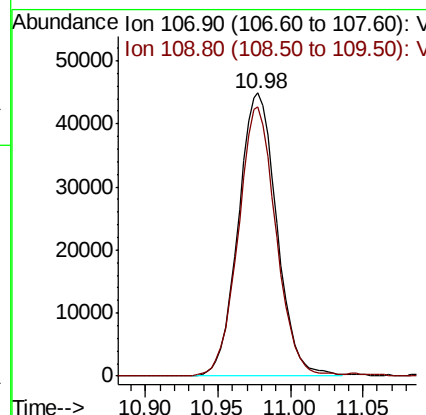
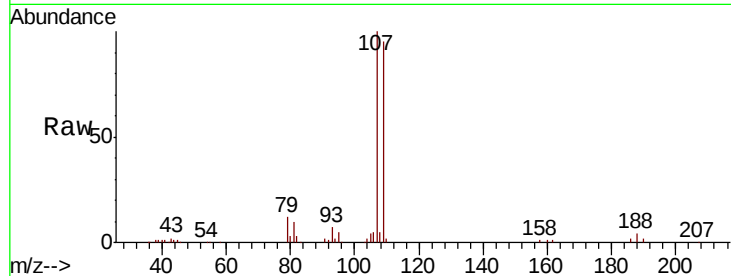




#61
 1,2-Dibromoethane
 Concen: 20.228 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

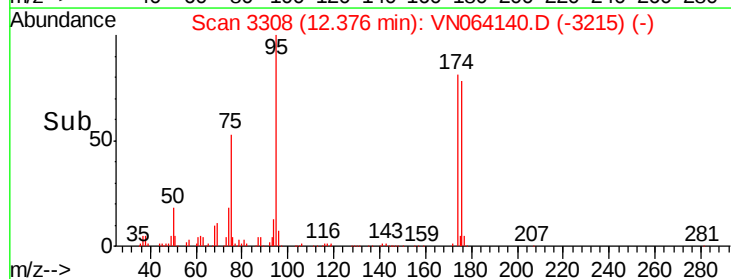
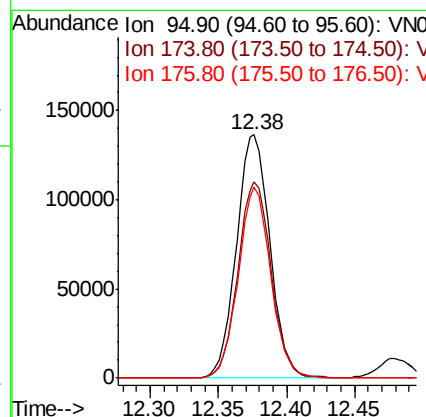
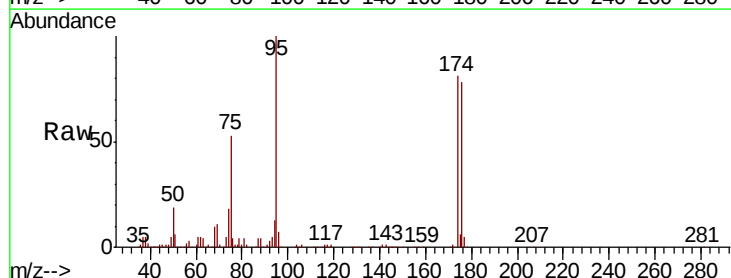
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

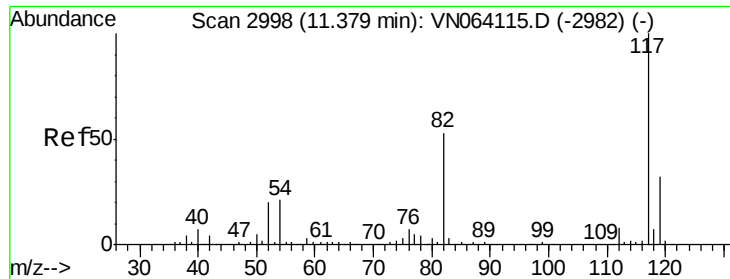
Tot Ion:107 Resp: 82645
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.2 112.8



#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

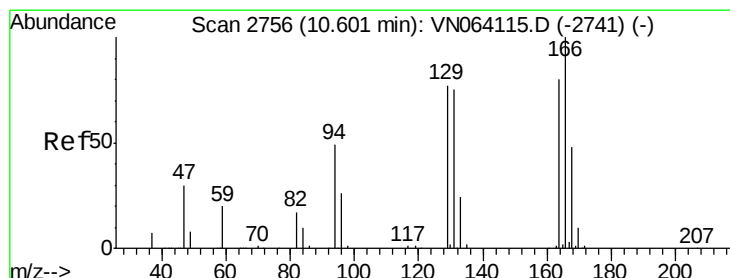
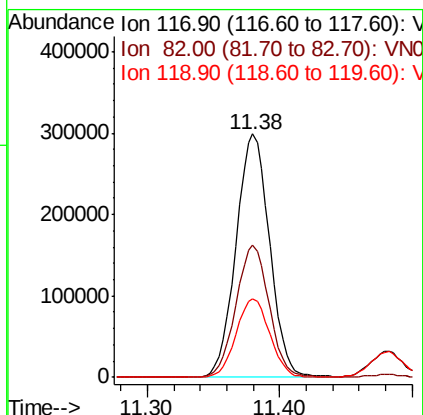
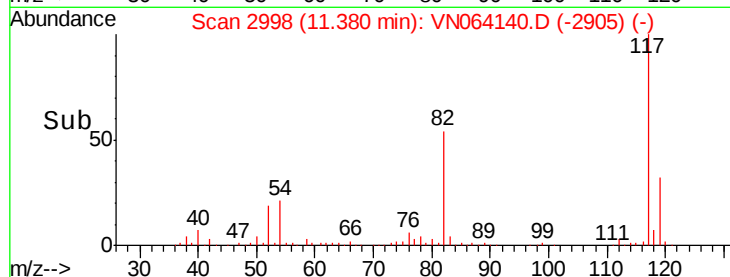
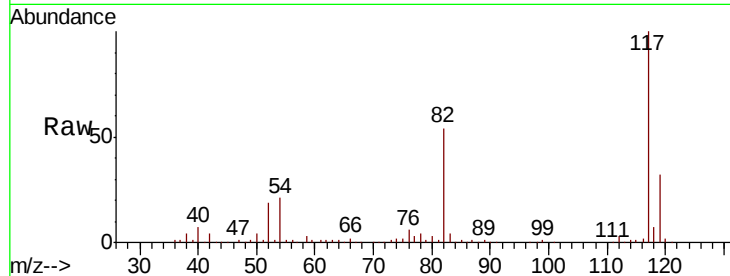




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

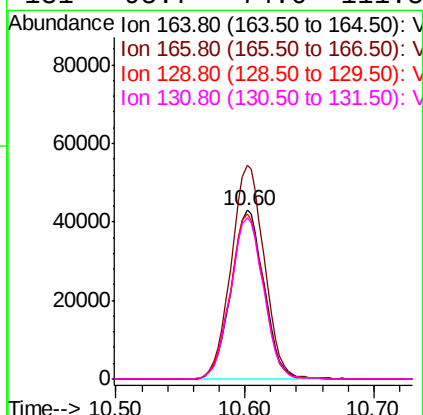
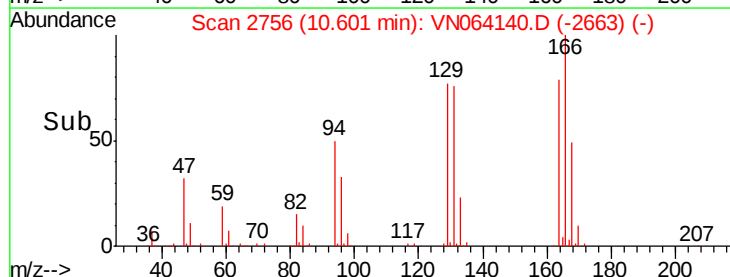
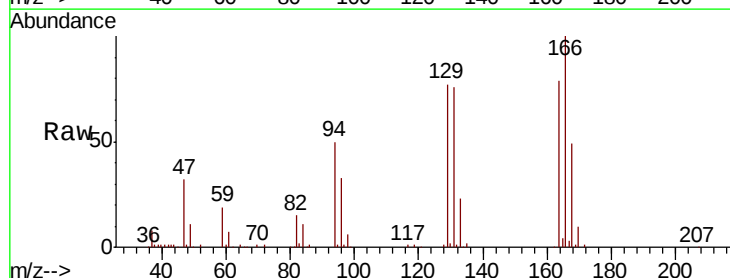
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

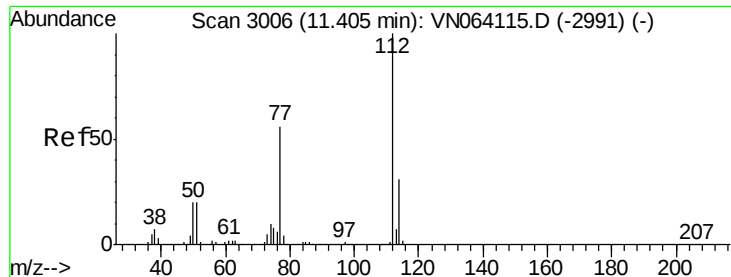
Tot Ion:117 Resp: 526316
Ion Ratio Lower Upper
117 100
82 54.2 42.6 63.8
119 32.4 25.5 38.3



#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:164 Resp: 76288
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

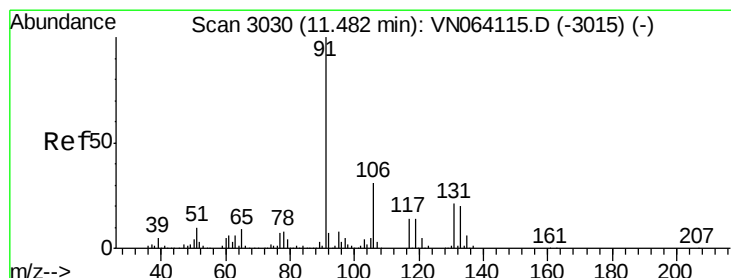
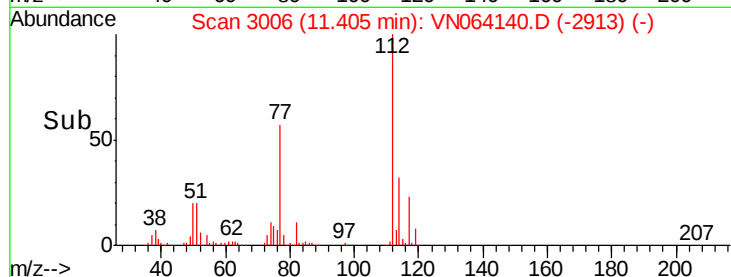
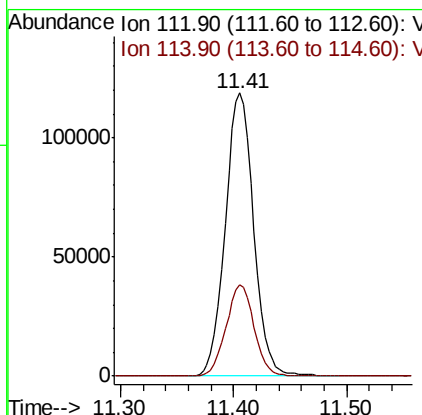
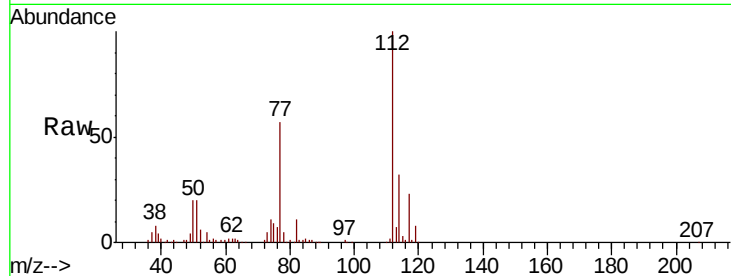




#65
Chlorobenzene
Concen: 18.647 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

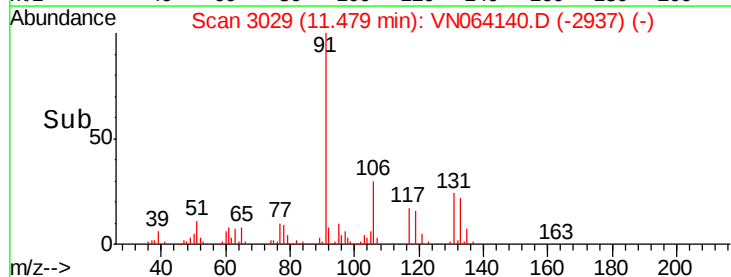
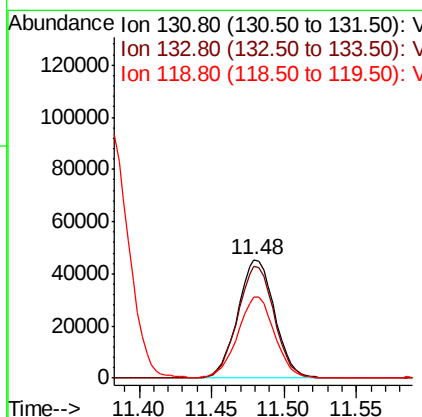
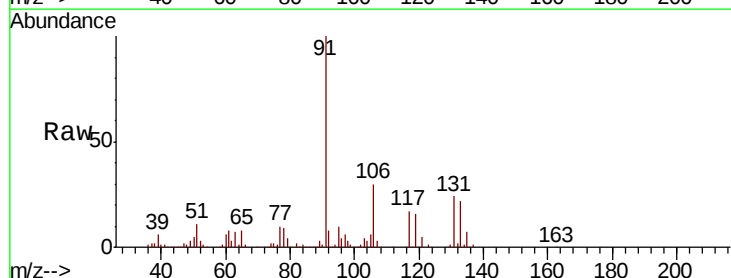
Instrument :
MSVOA_N
ClientSampled :
VN1015WBSD01

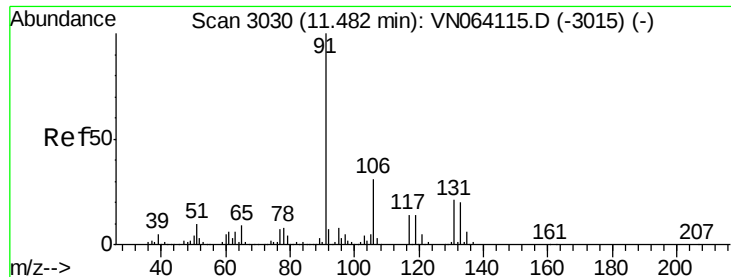
Tot Ion:112 Resp: 206669
Ion Ratio Lower Upper
112 100
114 32.2 24.6 37.0



#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:131 Resp: 80377
Ion Ratio Lower Upper
131 100
133 93.6 47.3 141.9
119 68.9 32.8 98.4

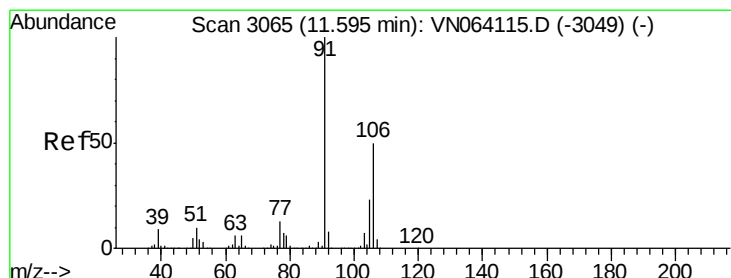
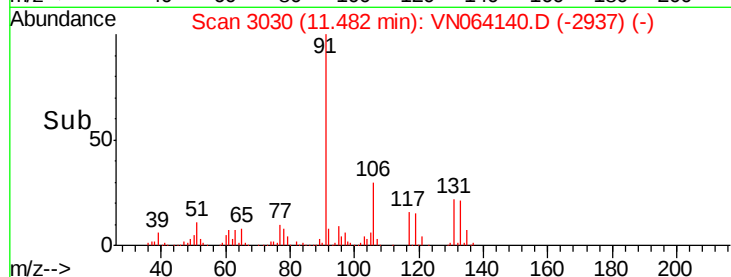
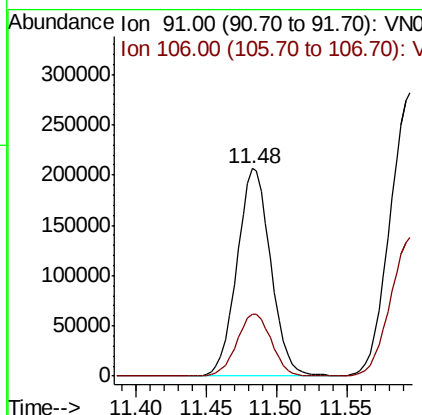
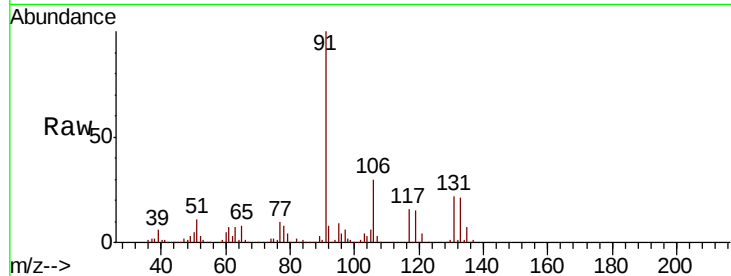




#67
Ethyl Benzene
Concen: 18.634 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

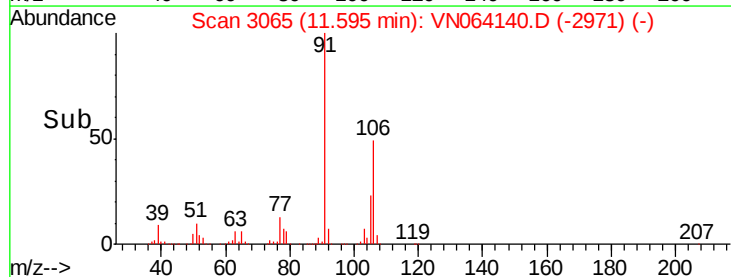
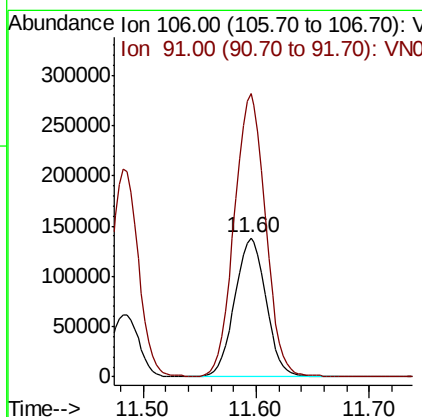
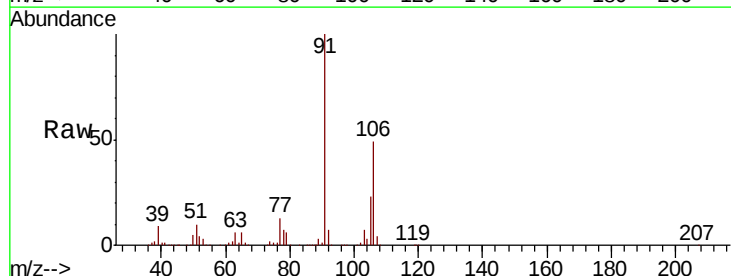
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

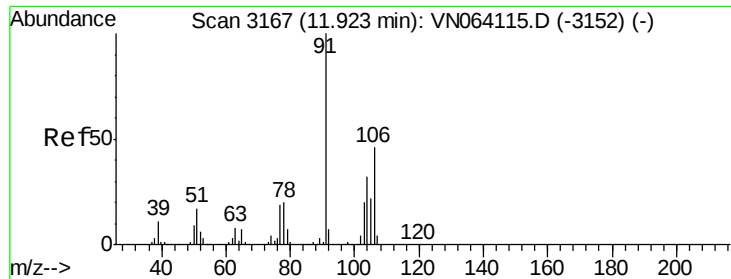
Tot Ion: 91 Resp: 345969
Ion Ratio Lower Upper
91 100
106 29.8 24.7 37.1



#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

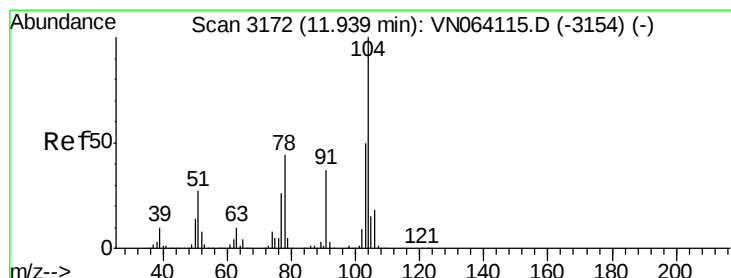
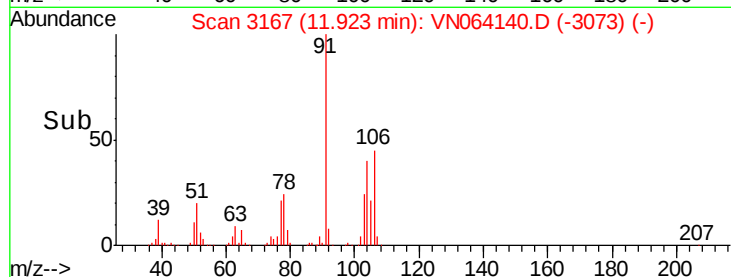
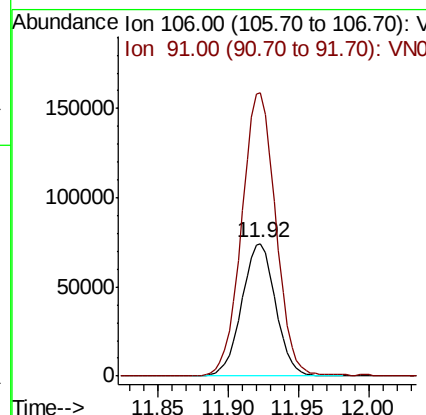
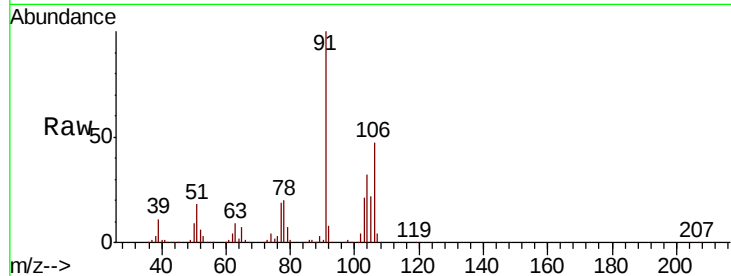




#69
o-Xylene
Concen: 18.120 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064140.D
Acq: 15 Oct 2020 13:55

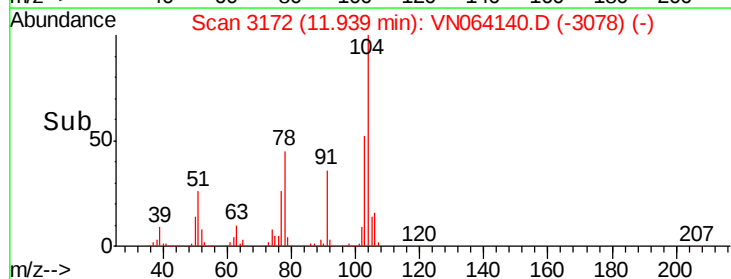
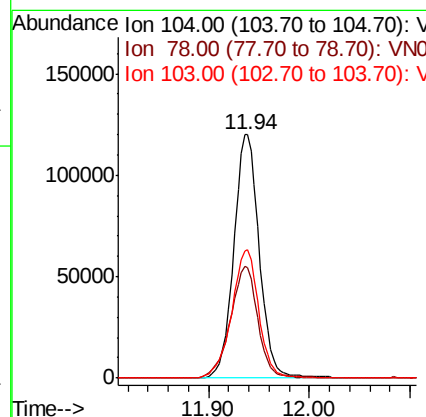
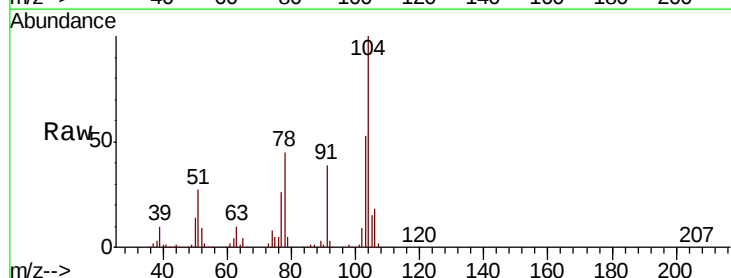
Instrument :
MSVOA_N
ClientSampleId :
VN1015WBSD01

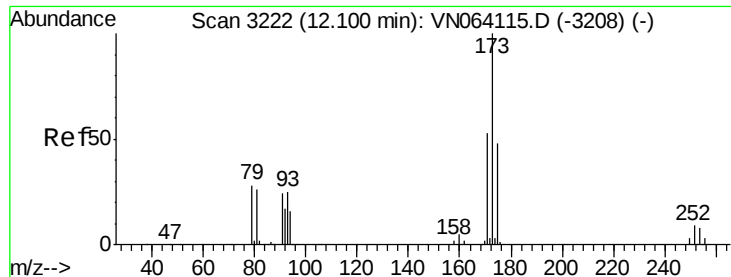
Tot Ion:106 Resp: 125077
Ion Ratio Lower Upper
106 100
91 215.5 107.6 322.8



#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:104 Resp: 211059
Ion Ratio Lower Upper
104 100
78 49.2 39.7 59.5
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

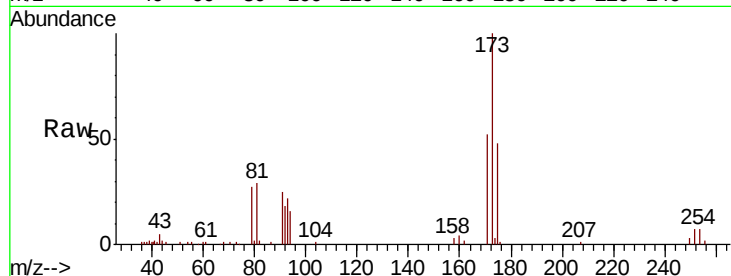
Tot Ion:173 Resp: 59327

Ion Ratio Lower Upper

173 100

175 48.2 23.4 70.2

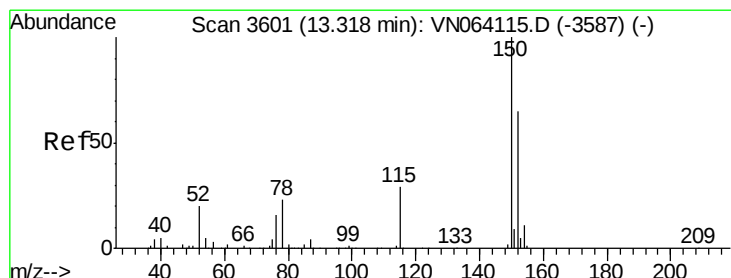
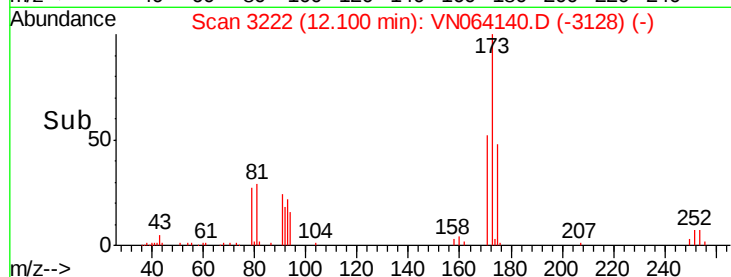
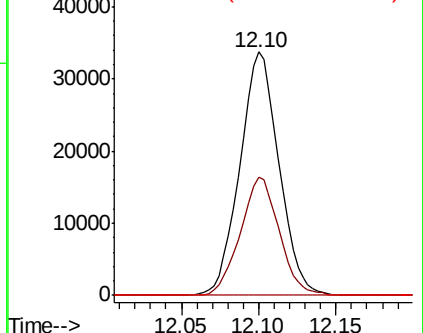
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064140.D

Acq: 15 Oct 2020 13:55

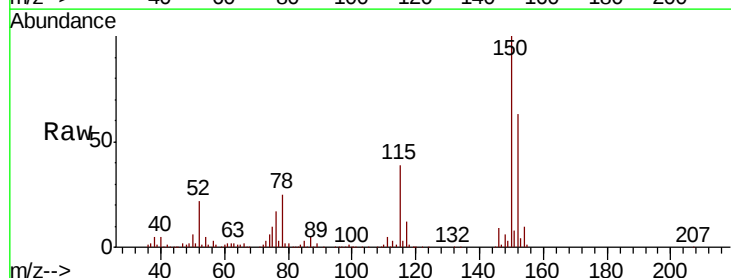
Tgt Ion:152 Resp: 235296

Ion Ratio Lower Upper

152 100

115 60.9 29.3 87.8

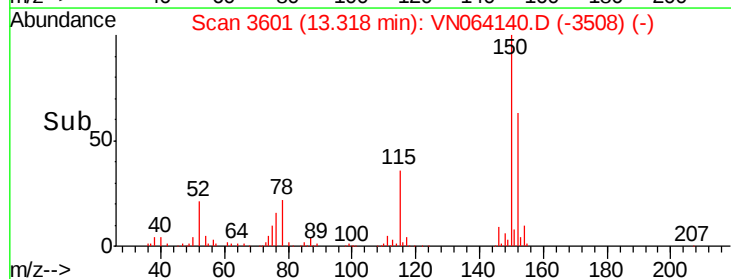
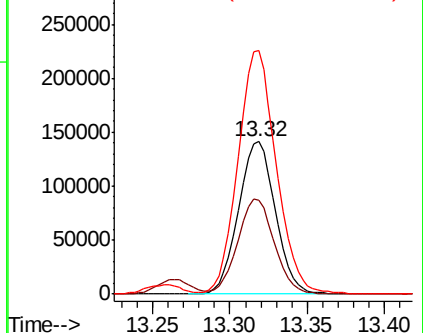
150 165.0 0.0 346.0

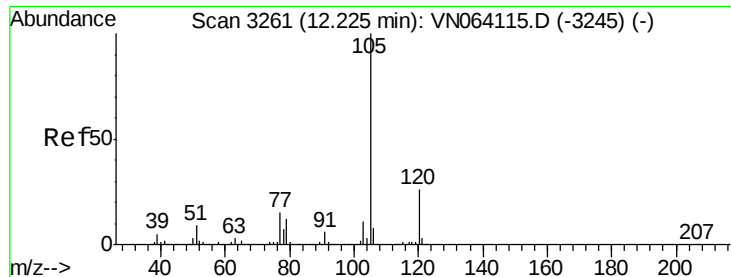


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 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 :

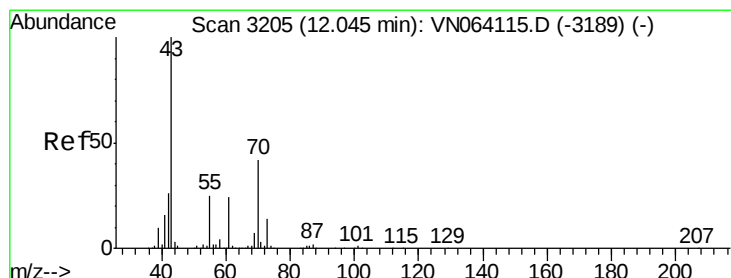
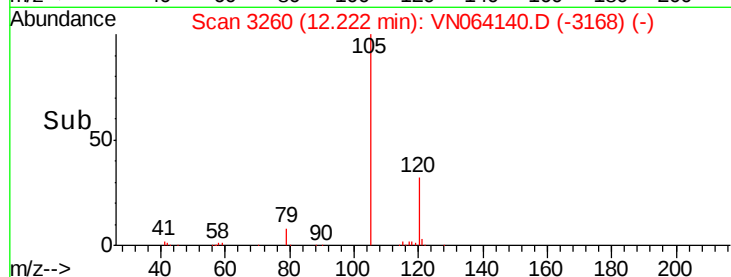
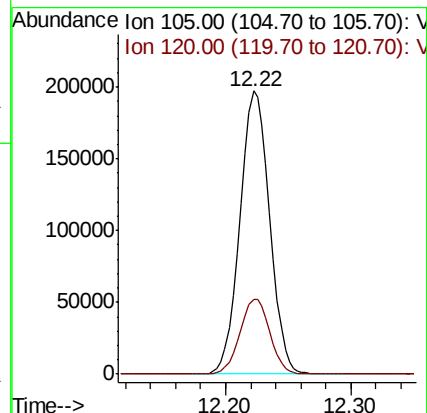
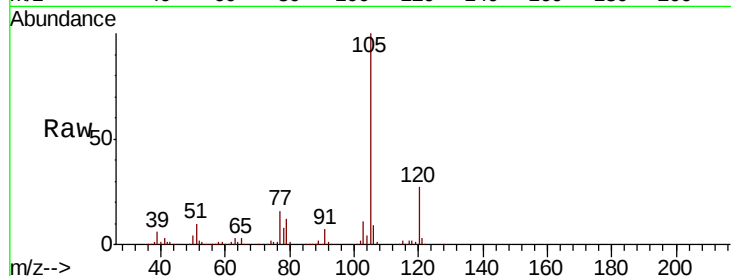
VN1015WBSD01

Tot Ion:105 Resp: 324261

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#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

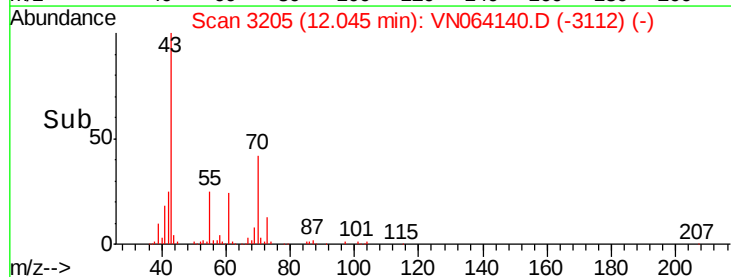
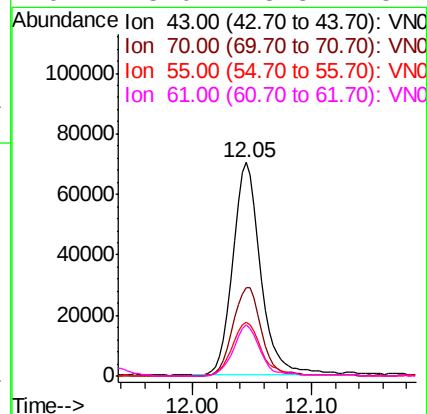
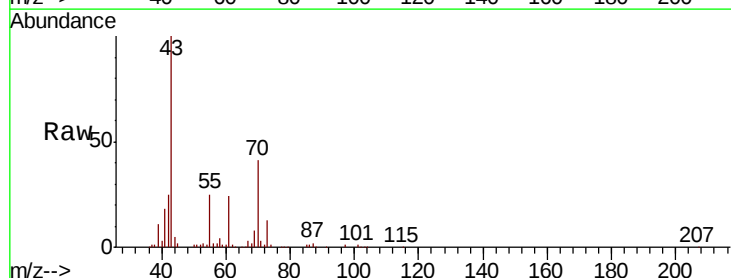
Ion Ratio Lower Upper

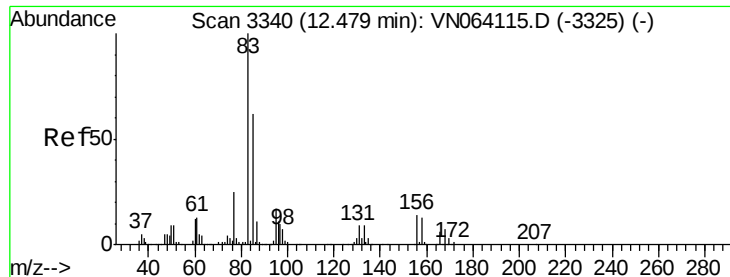
43 100

70 42.6 33.2 49.8

55 26.6 19.9 29.9

61 23.0 18.8 28.2





#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

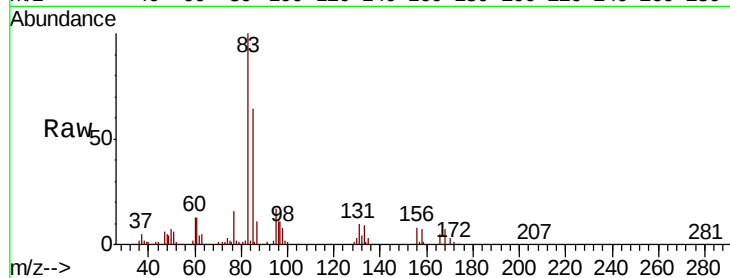
Tot Ion: 83 Resp: 110024

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

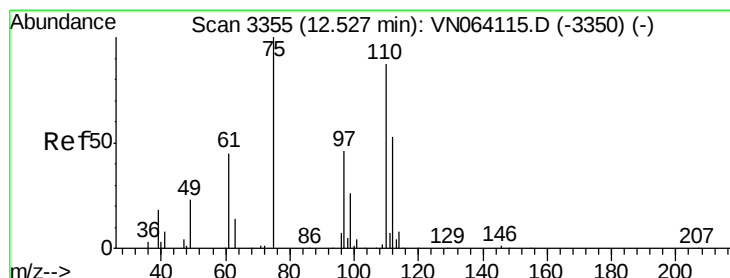
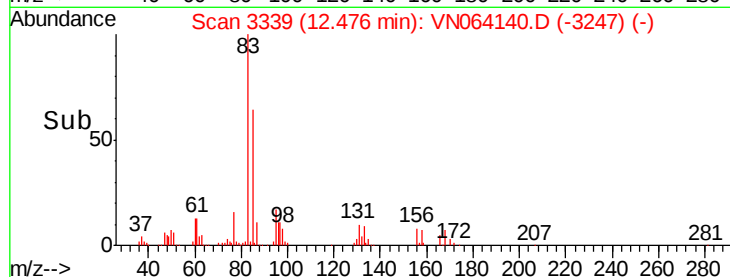
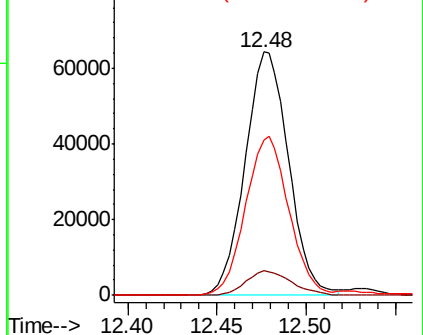
85 64.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN064140.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064140.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064140.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 25.660 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064140.D

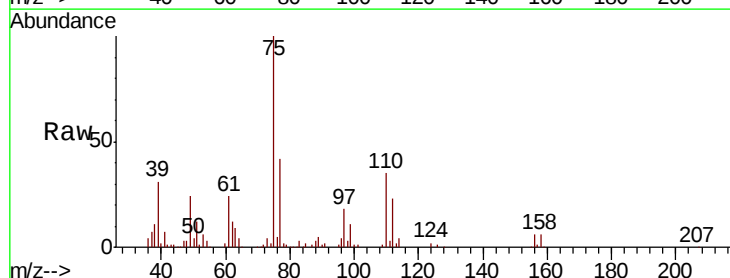
Acq: 15 Oct 2020 13:55

Tgt Ion: 75 Resp: 141650

Ion Ratio Lower Upper

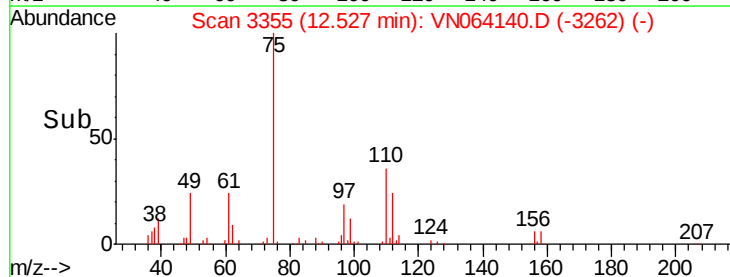
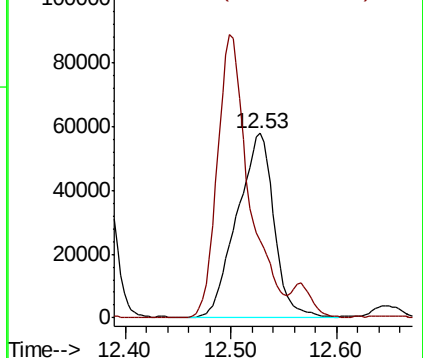
75 100

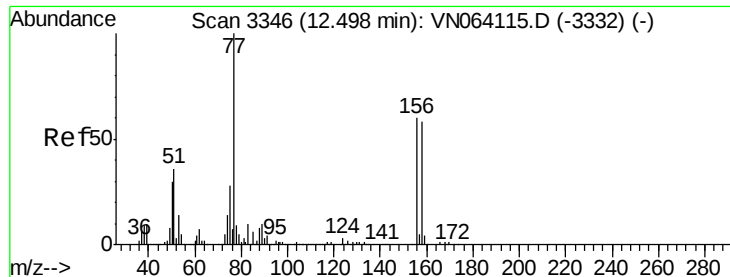
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064140.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN064140.D (-3355) (-)





#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

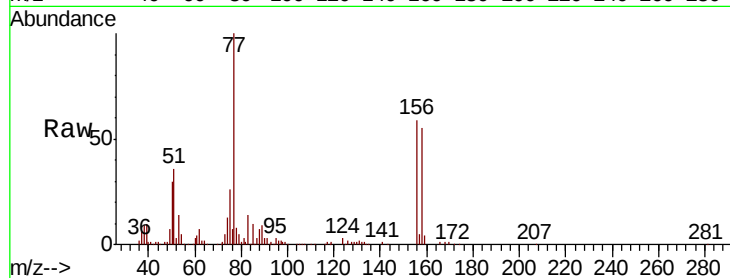
Tot Ion:156 Resp: 89773

Ion Ratio Lower Upper

156 100

77 207.6 99.3 297.9

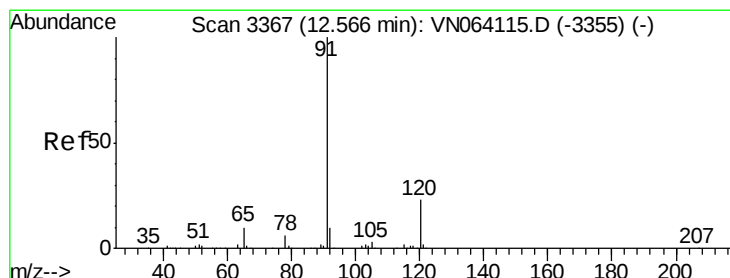
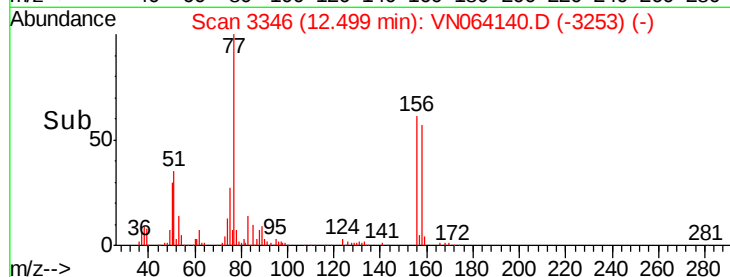
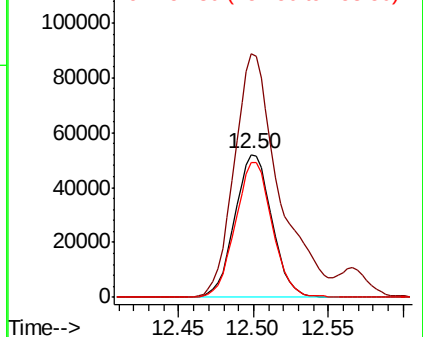
158 94.5 48.6 145.9



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

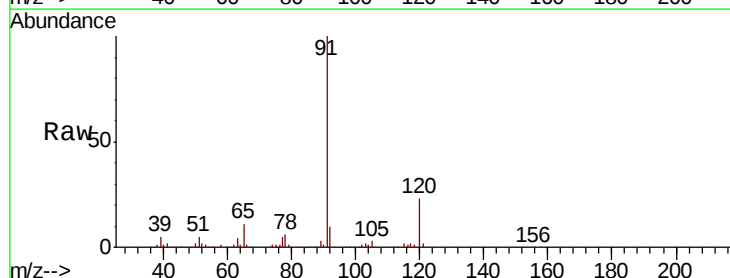
Acq: 15 Oct 2020 13:55

Tgt Ion: 91 Resp: 367281

Ion Ratio Lower Upper

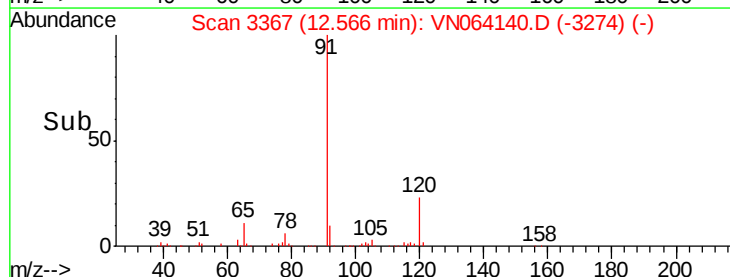
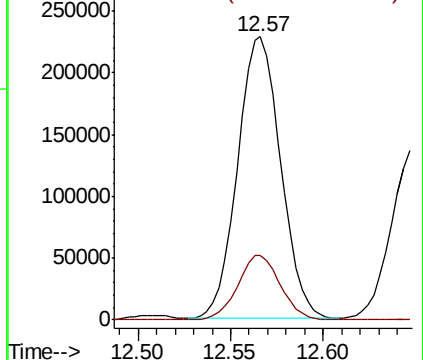
91 100

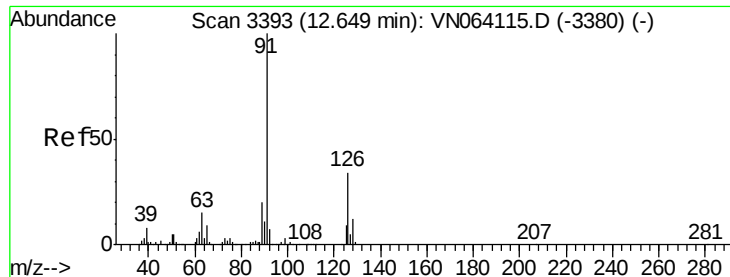
120 22.6 11.5 34.5



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 :

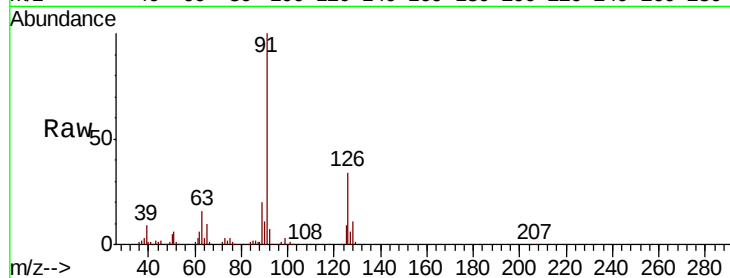
VN1015WBSD01

Tot Ion: 91 Resp: 229500

Ion Ratio Lower Upper

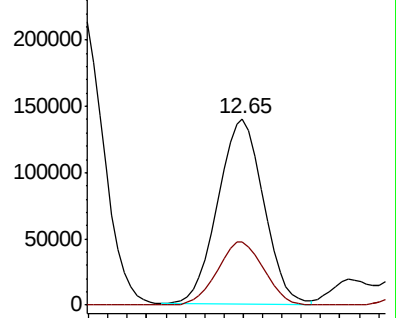
91 100

126 35.0 17.5 52.5

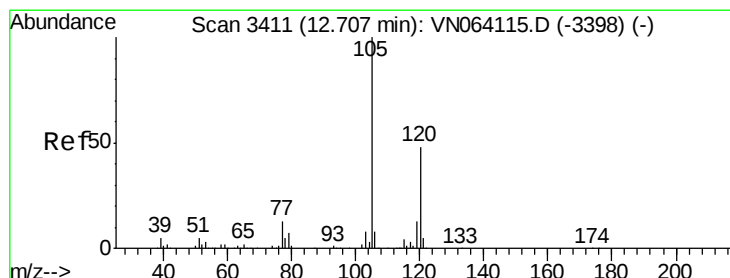
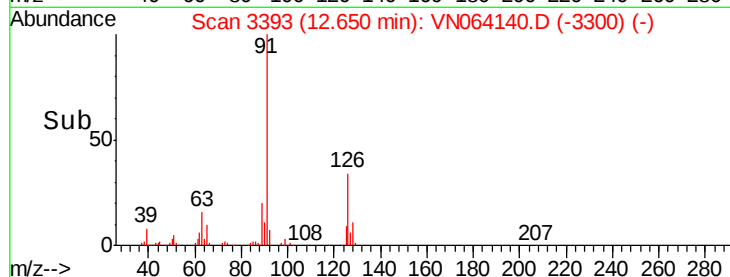


Abundance Ion 91.00 (90.70 to 91.70): VN064115.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064115.D (-3380) (-)



Time-->



#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

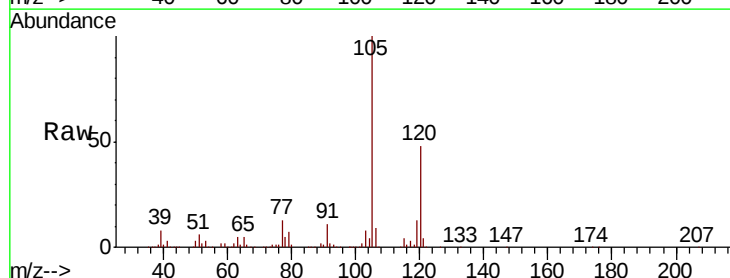
Acq: 15 Oct 2020 13:55

Tgt Ion:105 Resp: 266916

Ion Ratio Lower Upper

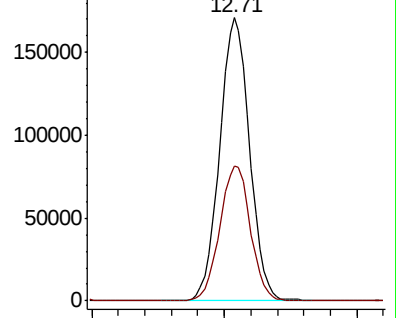
105 100

120 48.9 24.0 72.0

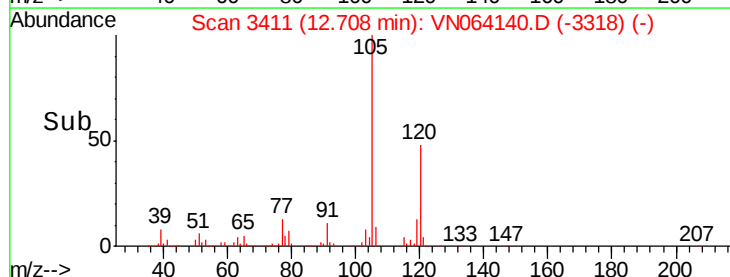


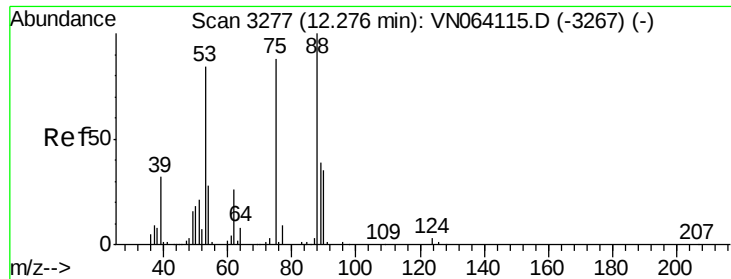
Abundance Ion 105.00 (104.70 to 105.70): VN064115.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN064115.D (-3398) (-)



Time-->





#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

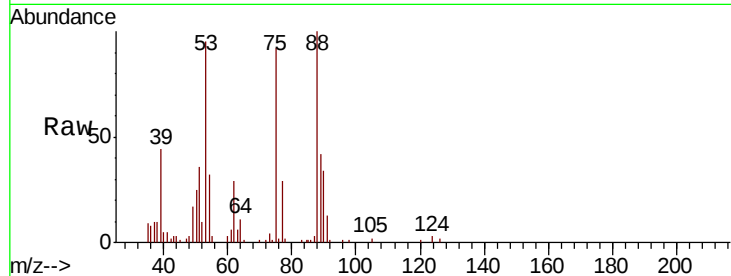
Tot Ion: 75 Resp: 33405

Ion Ratio Lower Upper

75 100

53 97.1 75.7 113.5

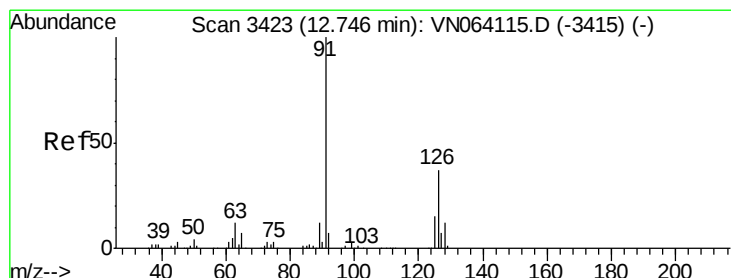
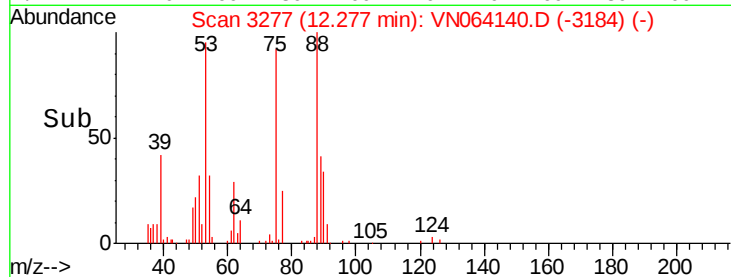
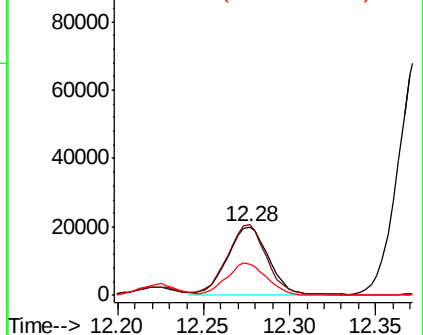
89 45.0 36.6 55.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.464 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064140.D

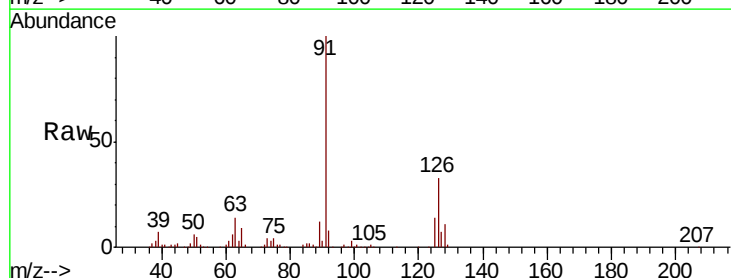
Acq: 15 Oct 2020 13:55

Tgt Ion: 91 Resp: 237337

Ion Ratio Lower Upper

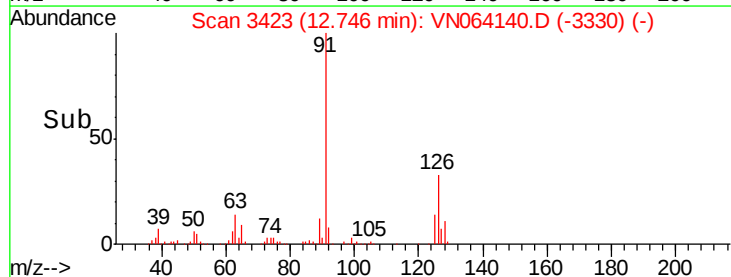
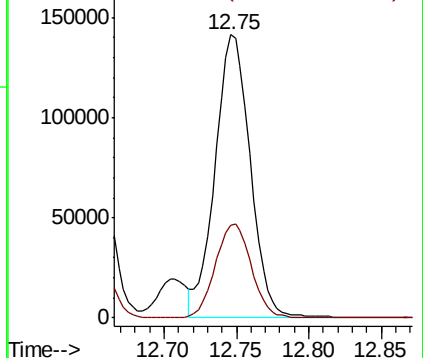
91 100

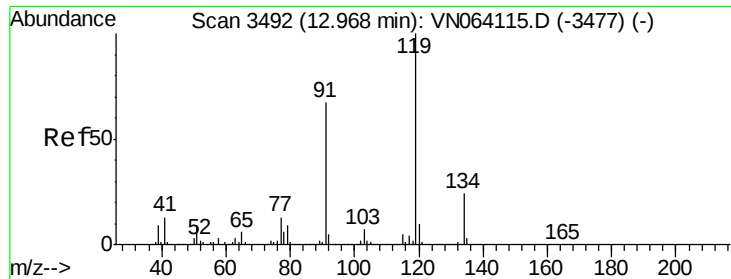
126 33.7 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

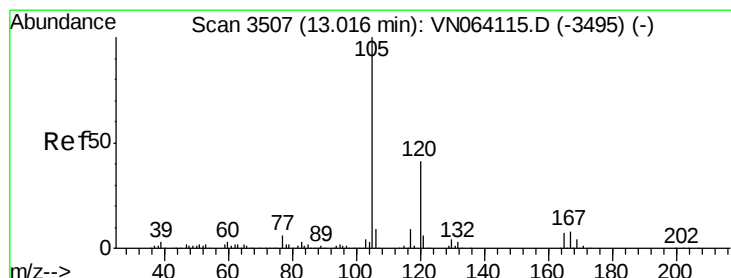
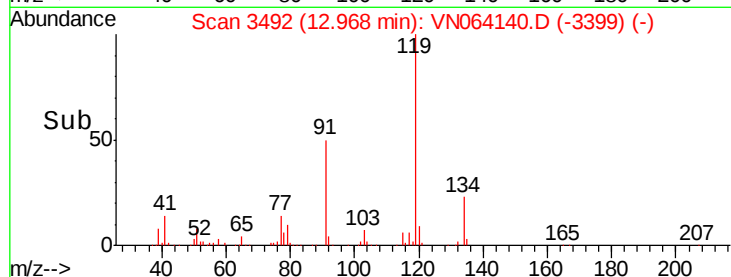
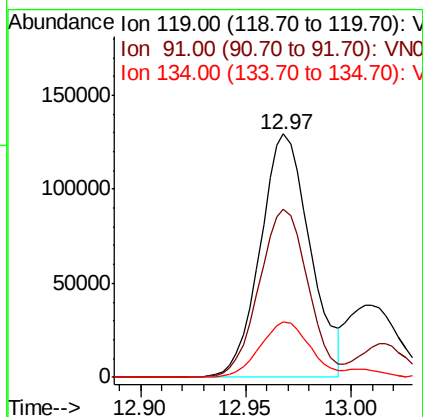
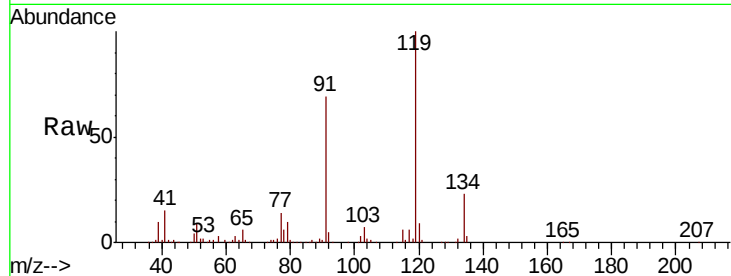




#83
 tert-Butylbenzene
 Concen: 18.861 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

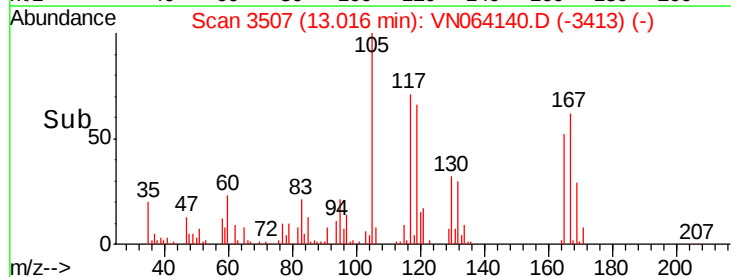
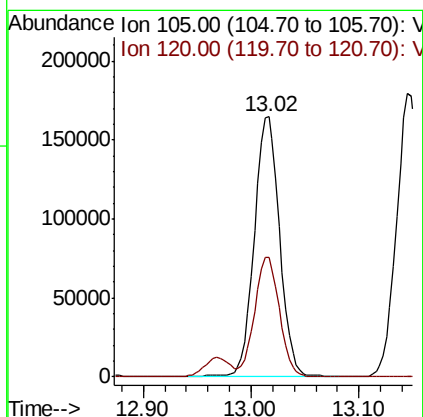
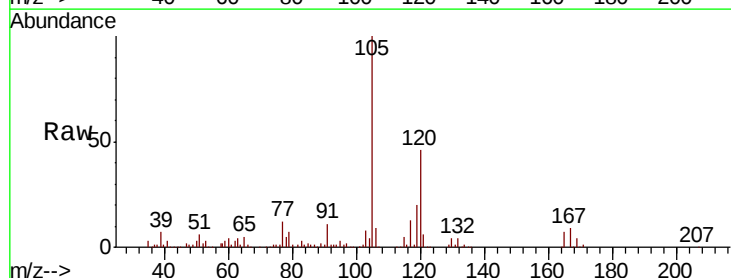
Instrument :
 MSVOA_N
 ClientSampled :
 VN1015WBSD01

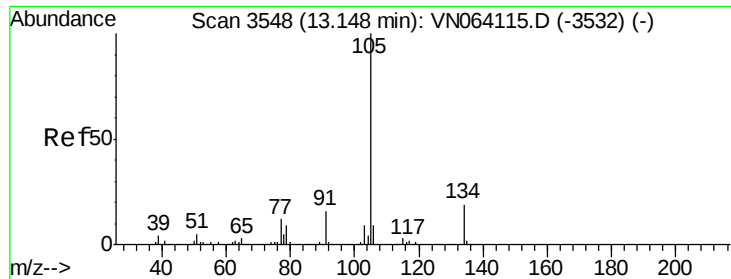
Tot Ion:119 Resp: 213392
 Ion Ratio Lower Upper
 119 100
 91 67.5 32.6 98.0
 134 23.0 13.0 39.0



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

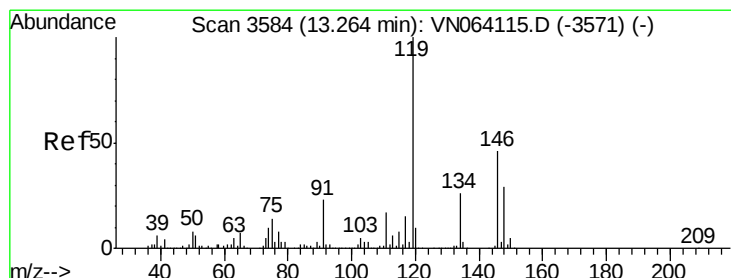
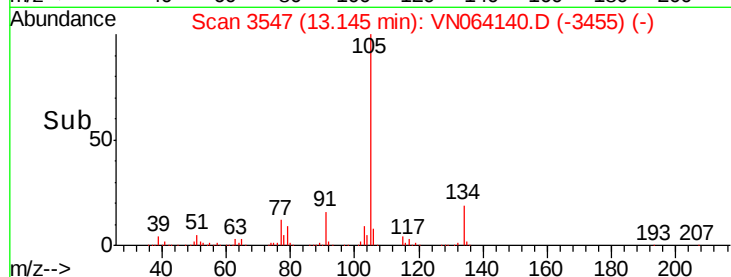
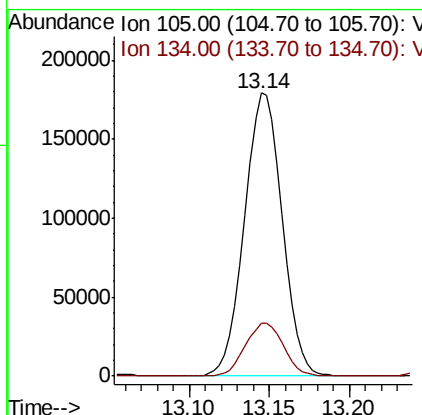
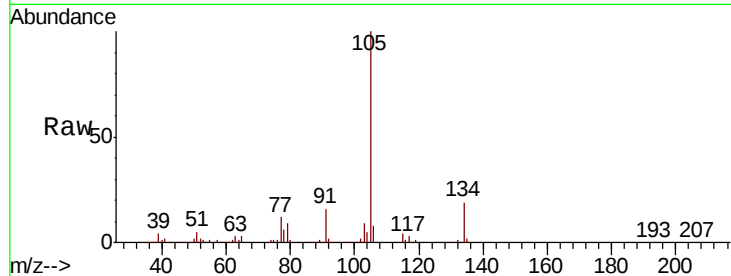




#85
 sec-Butylbenzene
 Concen: 19.712 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

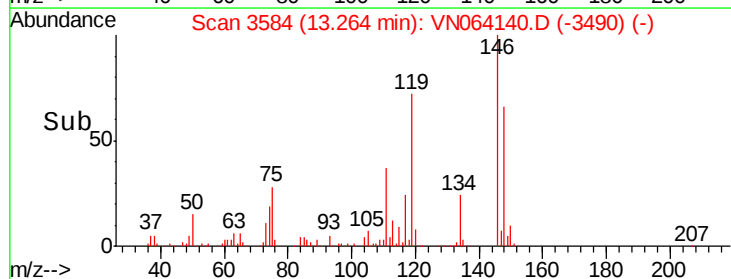
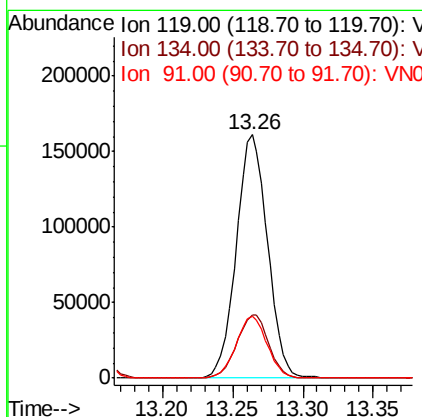
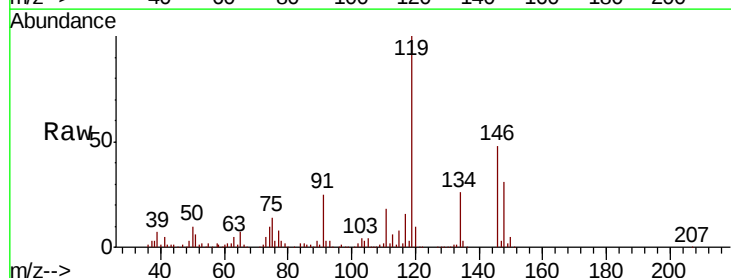
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

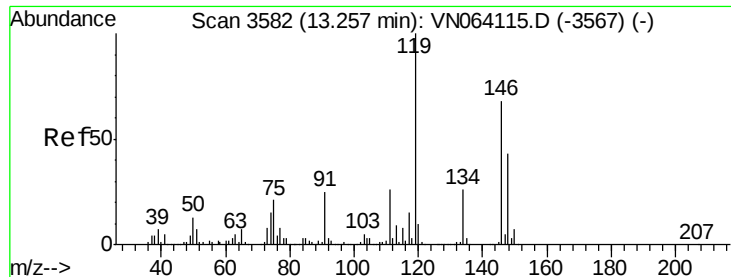
Tot Ion:105 Resp: 286698
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



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

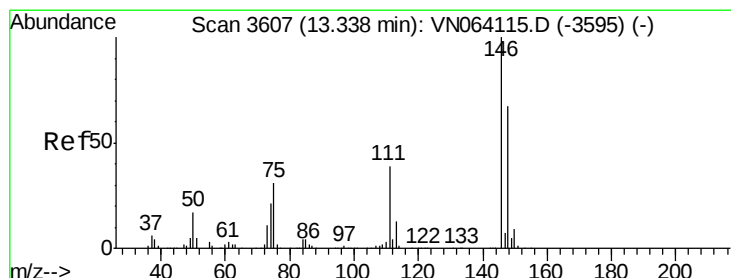
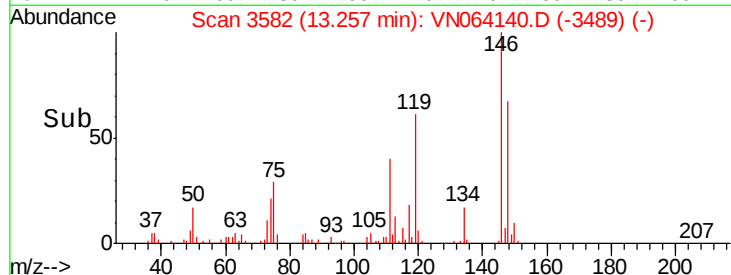
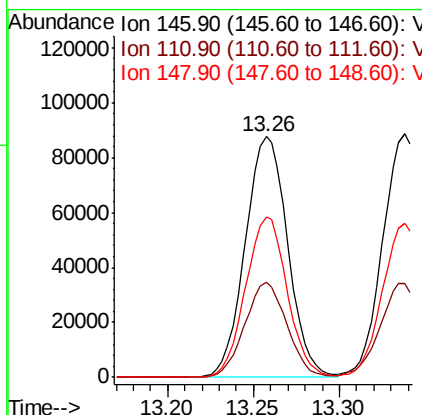
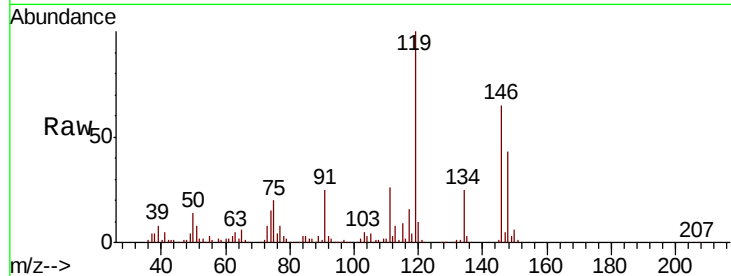




#87
 1,3-Dichlorobenzene
 Concen: 19.463 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

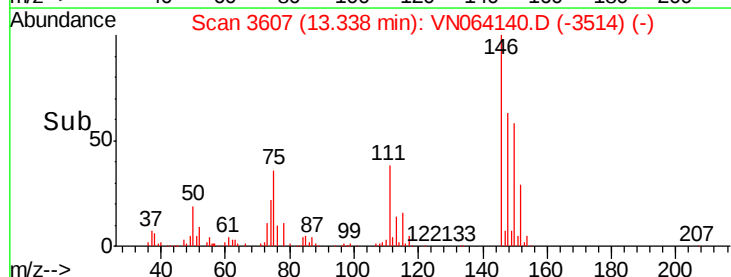
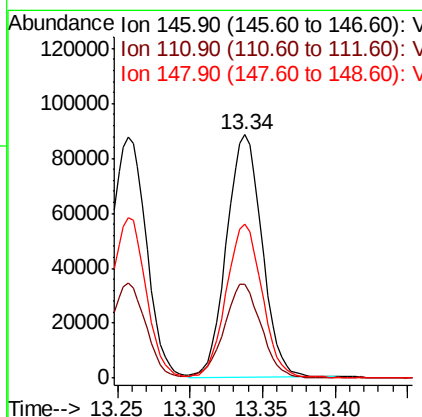
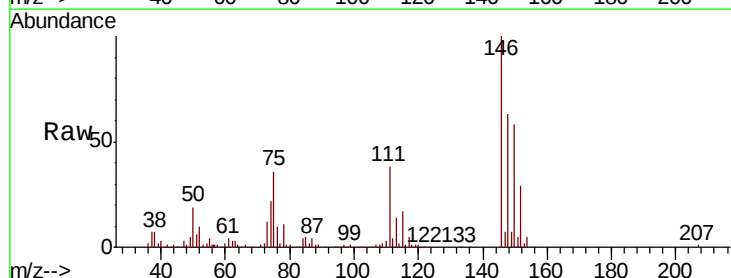
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

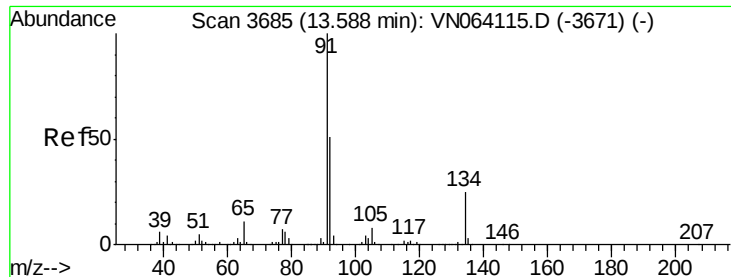
Tot Ion:146 Resp: 150049
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.7 59.1
 148 65.2 32.0 96.2



#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:146 Resp: 149926
 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

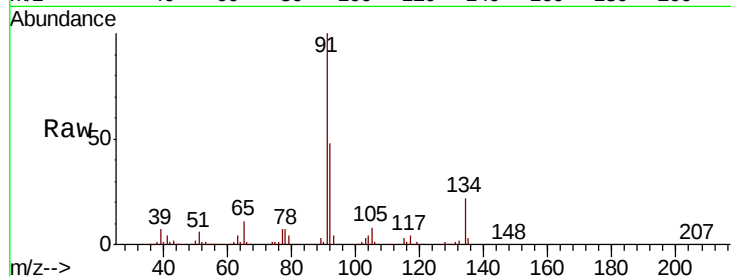
Tot Ion: 91 Resp: 199790

Ion Ratio Lower Upper

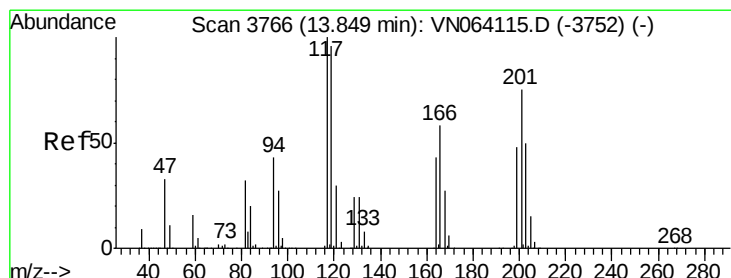
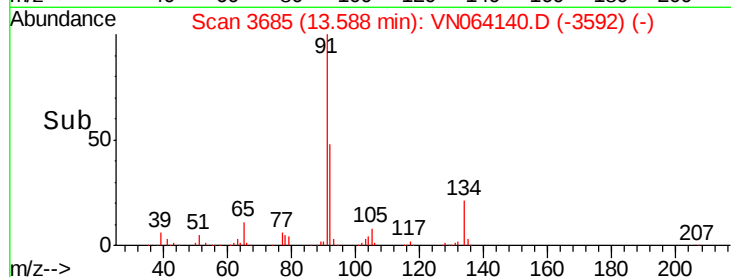
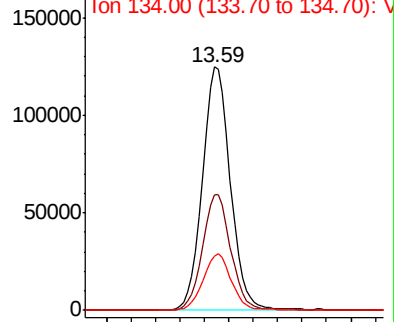
91 100

92 48.4 25.6 76.6

134 23.4 12.6 37.8



Abundance Ion 91.00 (90.70 to 91.70): VN064140.D (-3671) (-)



#90

Hexachloroethane

Concen: 18.727 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064140.D

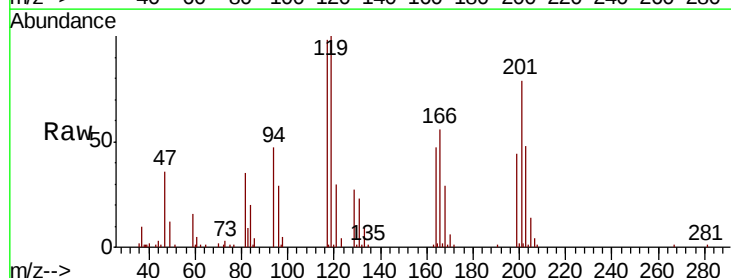
Acq: 15 Oct 2020 13:55

Tgt Ion: 117 Resp: 45330

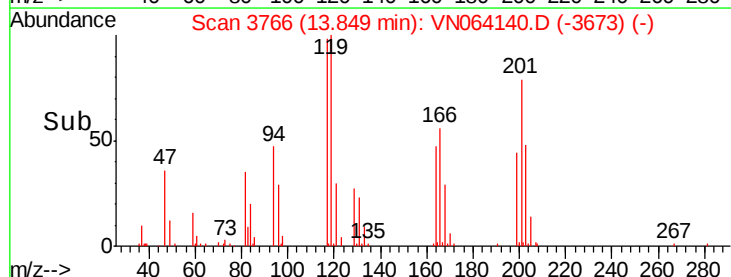
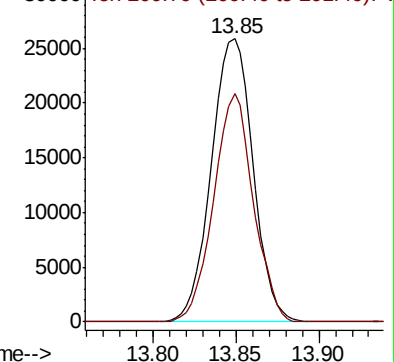
Ion Ratio Lower Upper

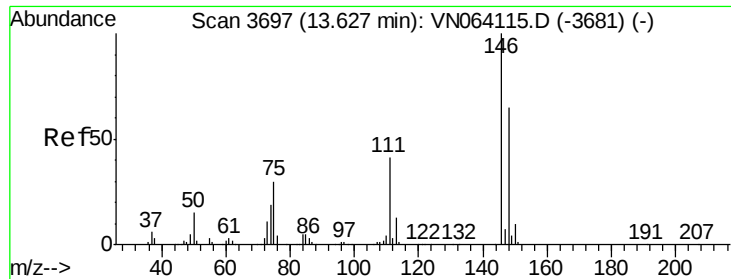
117 100

201 76.4 37.4 112.2



Abundance Ion 116.80 (116.50 to 117.50): VN064140.D (-3752) (-)





#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

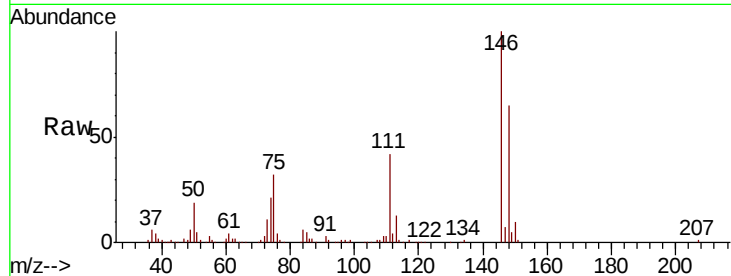
Tot Ion:146 Resp: 149478

Ion Ratio Lower Upper

146 100

111 41.5 20.3 60.8

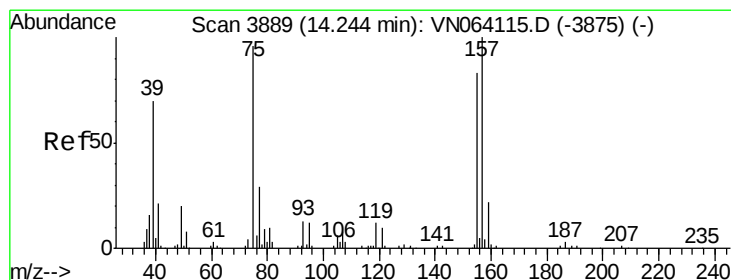
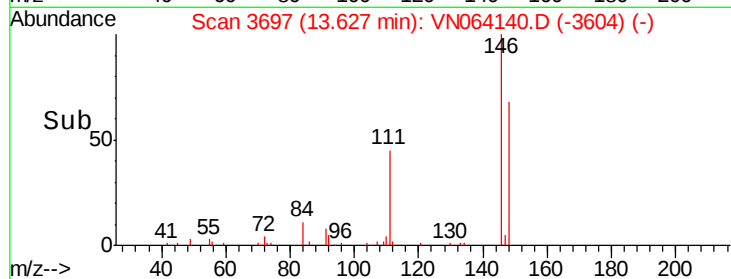
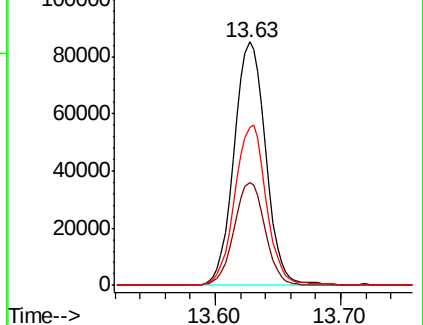
148 66.1 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#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

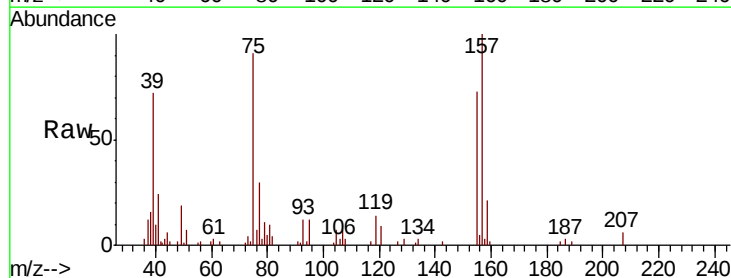
Tgt Ion: 75 Resp: 20304

Ion Ratio Lower Upper

75 100

155 84.3 40.8 122.2

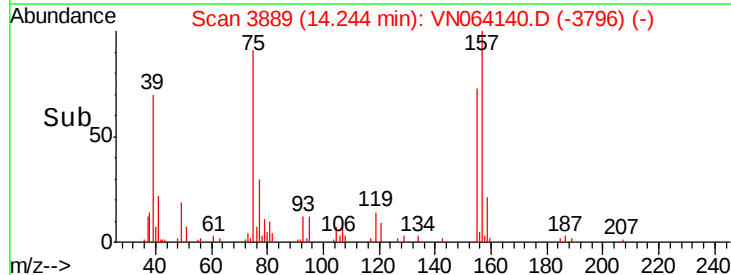
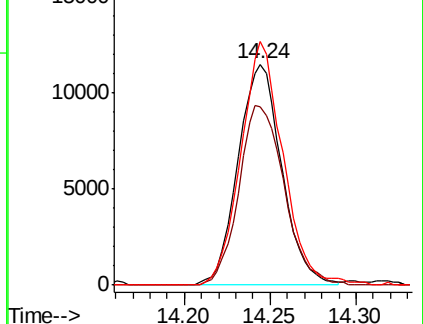
157 106.7 53.9 161.7

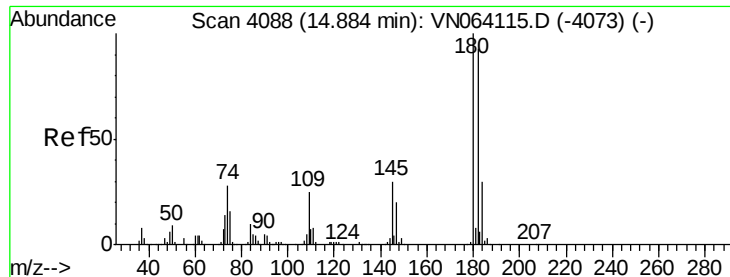


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

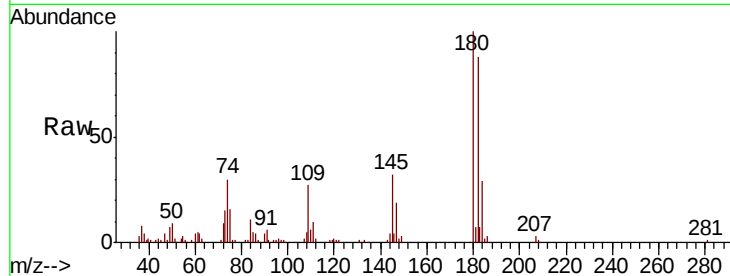




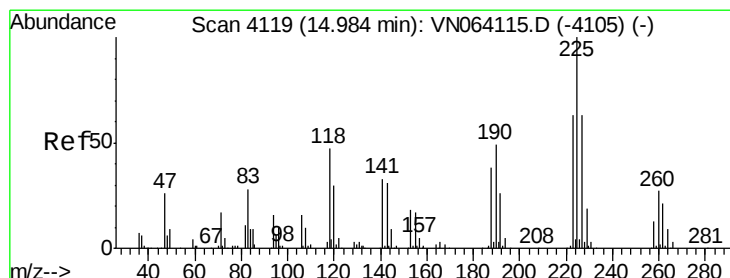
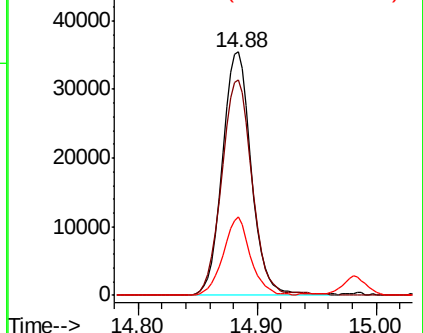
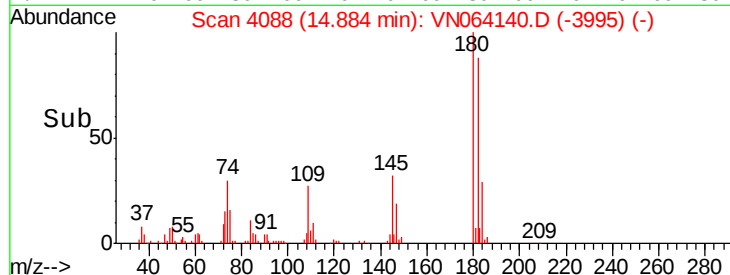
#93
 1,2,4-Trichlorobenzene
 Concen: 18.044 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1015WBSD01

Tot Ion:180 Resp: 59808
 Ion Ratio Lower Upper
 180 100
 182 92.7 45.8 137.4
 145 30.2 15.4 46.1

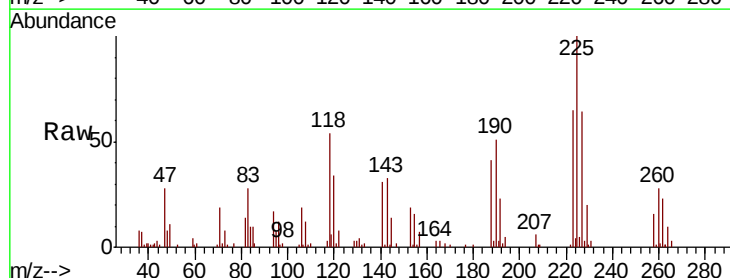


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

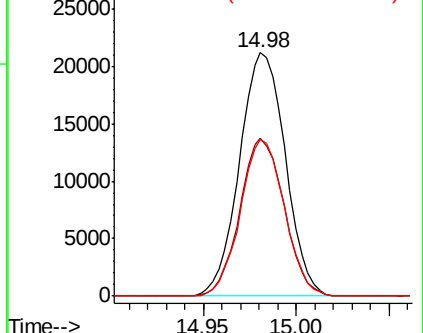
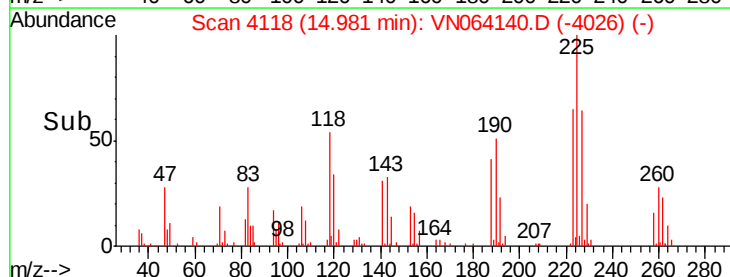


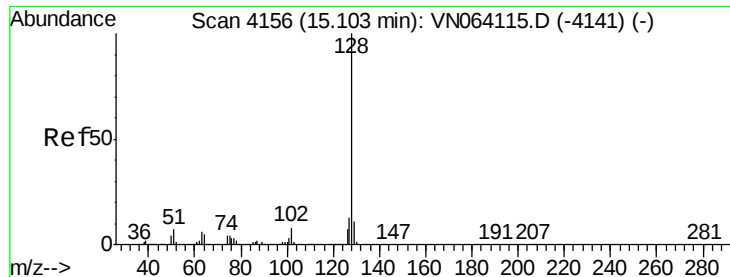
#94
 Hexachlorobutadiene
 Concen: 19.950 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064140.D
 Acq: 15 Oct 2020 13:55

Tgt Ion:225 Resp: 36468
 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

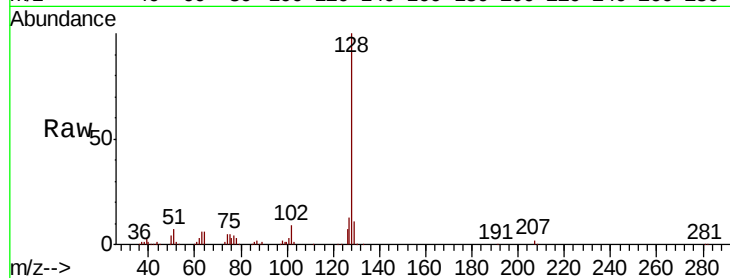
Tot Ion:128 Resp: 167859

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.0 8.5 12.7

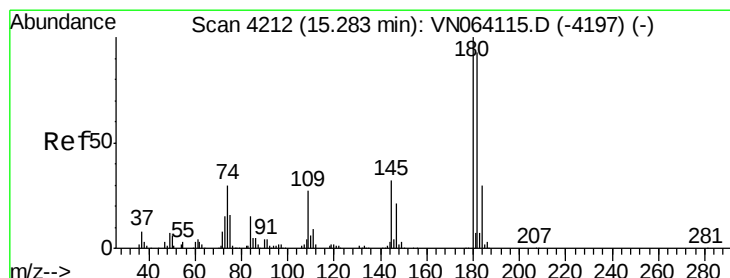
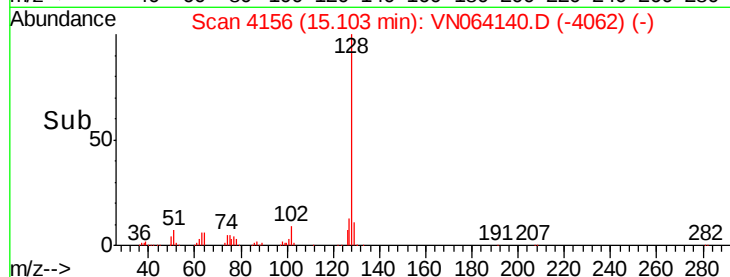
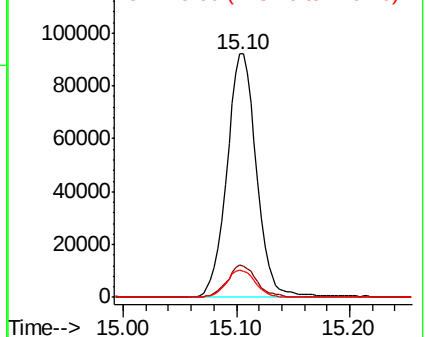


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#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

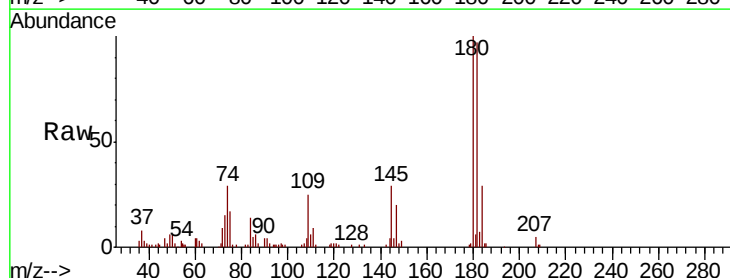
Tgt Ion:180 Resp: 61274

Ion Ratio Lower Upper

180 100

182 95.6 46.6 139.8

145 32.2 16.1 48.2



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

