

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064714.D
 Acq On : 18 Nov 2020 18:12
 Operator : JC/MD
 Sample : VN1118WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

Quant Time: Nov 19 01:35:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	266572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	479773	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	201296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	232006	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
35) Dibromofluoromethane	7.55	113	132057	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	
50) Toluene-d8	10.06	98	589173	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	
62) 4-Bromofluorobenzene	12.37	95	218717	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	60816	18.258	ug/l	95
3) Chloromethane	2.04	50	68116	18.494	ug/l	97
4) Vinyl Chloride	2.17	62	70272	18.285	ug/l	94
5) Bromomethane	2.54	94	53405	18.950	ug/l	94
6) Chloroethane	2.68	64	49550	19.109	ug/l	95
7) Trichlorofluoromethane	2.99	101	129598	18.828	ug/l	95
8) Diethyl Ether	3.37	74	44046	19.832	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	56215	18.898	ug/l	98
10) Methyl Iodide	3.91	142	65329	18.373	ug/l	99
11) Tert butyl alcohol	4.74	59	46738	102.732	ug/l #	79
12) 1,1-Dichloroethene	3.69	96	53711	18.741	ug/l	95
13) Acrolein	3.57	56	13209	124.011	ug/l	100
14) Allyl chloride	4.28	41	95285	19.363	ug/l	98
15) Acrylonitrile	4.94	53	130394	97.608	ug/l	99
16) Acetone	3.78	43	116011	105.241	ug/l	97
17) Carbon Disulfide	4.01	76	155040	18.684	ug/l	98
18) Methyl Acetate	4.28	43	63192	19.207	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	183471	19.132	ug/l	100
20) Methylene Chloride	4.50	84	64435	18.555	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	57766	18.064	ug/l	98
22) Diisopropyl ether	5.90	45	198549	19.105	ug/l	96
23) Vinyl Acetate	5.85	43	814409	97.104	ug/l	99
24) 1,1-Dichloroethane	5.80	63	117678	19.327	ug/l	99
25) 2-Butanone	6.78	43	183972	102.613	ug/l	99
26) 2,2-Dichloropropane	6.78	77	107099	18.511	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	67644	19.186	ug/l	99
28) Bromochloromethane	7.15	49	56963	18.555	ug/l	99
29) Tetrahydrofuran	7.17	42	119442	98.600	ug/l	99
30) Chloroform	7.33	83	124988	18.890	ug/l	94
31) Cyclohexane	7.61	56	92220	18.190	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	112878	18.664	ug/l	100
36) 1,1-Dichloropropene	7.75	75	87748	17.777	ug/l	99
37) Ethyl Acetate	6.88	43	85157	20.604	ug/l	99
38) Carbon Tetrachloride	7.73	117	97774	18.639	ug/l	96

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Quant Time: Nov 19 01:35:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	77775	17.783	ug/l	95
40) Benzene	8.00	78	257695	18.737	ug/l	97
41) Methacrylonitrile	7.12	41	40943	21.613	ug/l	93
42) 1,2-Dichloroethane	8.09	62	111032	18.764	ug/l	100
43) Isopropyl Acetate	8.13	43	146721	18.315	ug/l	99
44) Trichloroethene	8.80	130	70778	17.932	ug/l	96
45) 1,2-Dichloropropane	9.08	63	68348	18.644	ug/l	100
46) Dibromomethane	9.17	93	48792	18.776	ug/l	97
47) Bromodichloromethane	9.37	83	103287	18.907	ug/l	98
48) Methyl methacrylate	9.17	41	68721	18.181	ug/l	99
49) 1,4-Dioxane	9.17	88	19823	420.347	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	429300	92.726	ug/l	100
52) Toluene	10.12	92	163132	19.259	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	105081	17.973	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	111085	18.452	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	64900	19.103	ug/l	97
56) Ethyl methacrylate	10.40	69	90195	17.983	ug/l	99
57) 1,3-Dichloropropane	10.68	76	110782	18.824	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	241109	88.144	ug/l	100
59) 2-Hexanone	10.72	43	307455	92.063	ug/l	99
60) Dibromochloromethane	10.87	129	72006	18.345	ug/l	99
61) 1,2-Dibromoethane	10.97	107	66396	18.323	ug/l	99
64) Tetrachloroethene	10.60	164	74918	18.969	ug/l	97
65) Chlorobenzene	11.40	112	172610	18.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	65806	18.584	ug/l	98
67) Ethyl Benzene	11.48	91	303643	18.172	ug/l	99
68) m/p-Xylenes	11.59	106	221811	35.425	ug/l	100
69) o-Xylene	11.92	106	106216	18.220	ug/l	100
70) Styrene	11.94	104	180794	17.632	ug/l	98
71) Bromoform	12.10	173	44127	17.693	ug/l #	96
73) Isopropylbenzene	12.22	105	280821	19.649	ug/l	99
74) N-amyl acetate	12.04	43	130862	19.606	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	76558	19.160	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	121864	28.097	ug/l #	100
77) Bromobenzene	12.50	156	69983	19.415	ug/l	98
78) n-propylbenzene	12.56	91	326119	19.594	ug/l	99
79) 2-Chlorotoluene	12.65	91	198908	18.672	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	239617	20.183	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	30239	18.947	ug/l	92
82) 4-Chlorotoluene	12.75	91	212784	18.733	ug/l	100
83) tert-Butylbenzene	12.96	119	187541	20.419	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	245123	20.230	ug/l	99
85) sec-Butylbenzene	13.14	105	246051	20.099	ug/l	100
86) p-Isopropyltoluene	13.26	119	222474	19.760	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	119691	18.224	ug/l	94
88) 1,4-Dichlorobenzene	13.33	146	124143	18.411	ug/l	99
89) n-Butylbenzene	13.59	91	199314	18.963	ug/l	98
90) Hexachloroethane	13.85	117	37451	20.121	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	119191	18.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19900	18.978	ug/l	98

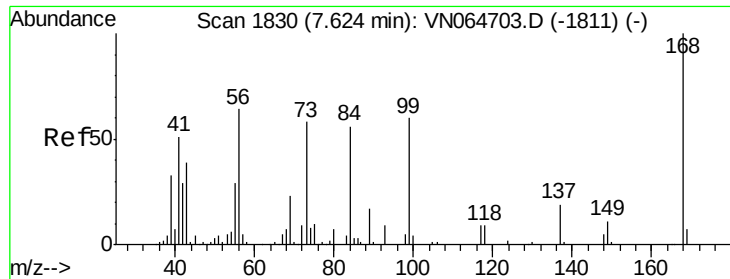
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
Data File : VN064714.D
Acq On : 18 Nov 2020 18:12
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Sample : VN1118WBSD01
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Instrument :
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ClientSampleId :
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Quant Time: Nov 19 01:35:30 2020
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Quant Title : SW846 8260
QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	64500	19.307	ug/l	97
94) Hexachlorobutadiene	14.98	225	26012	17.869	ug/l	95
95) Naphthalene	15.10	128	212771	18.806	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	59638	18.295	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: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

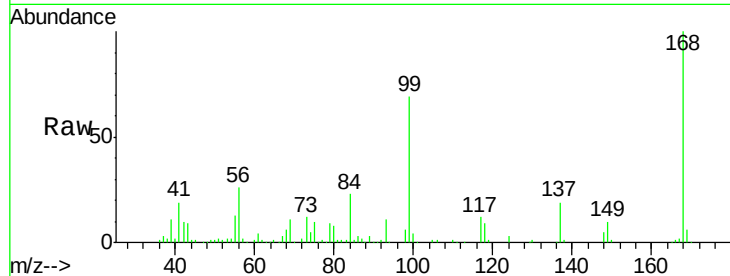
VN1118WBSD01

Tot Ion:168 Resp: 266572

Ion Ratio Lower Upper

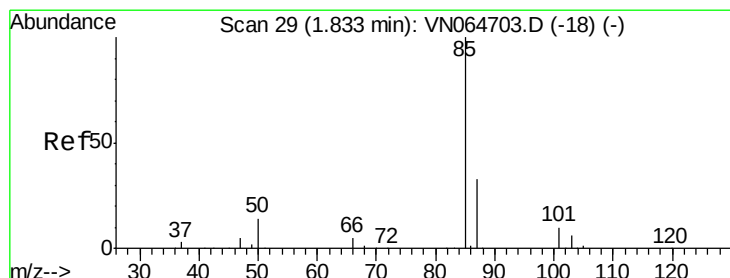
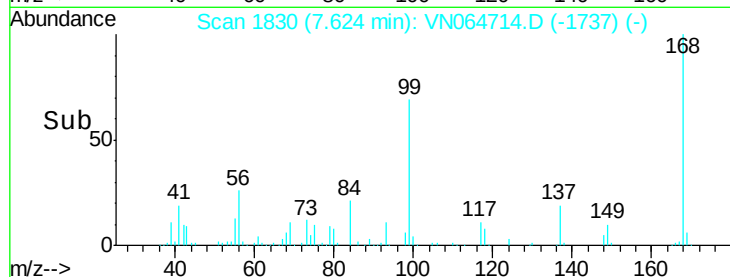
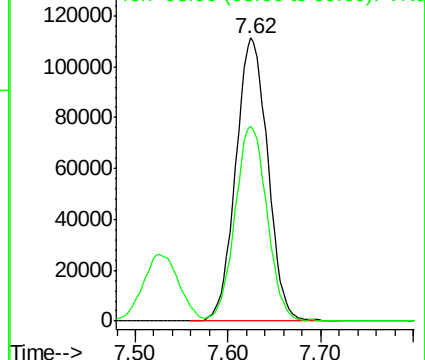
168 100

99 68.8 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.258 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064714.D

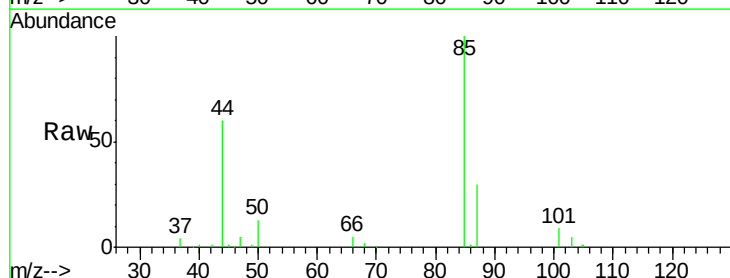
Acq: 18 Nov 2020 18:12

Tgt Ion: 85 Resp: 60816

Ion Ratio Lower Upper

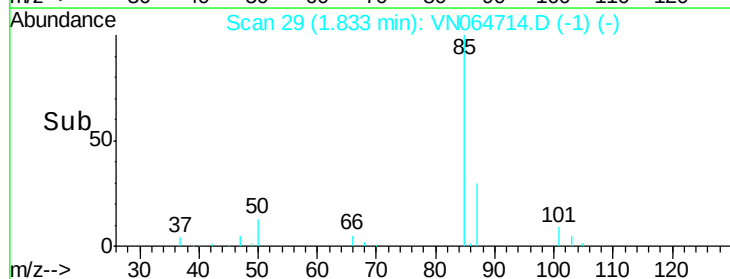
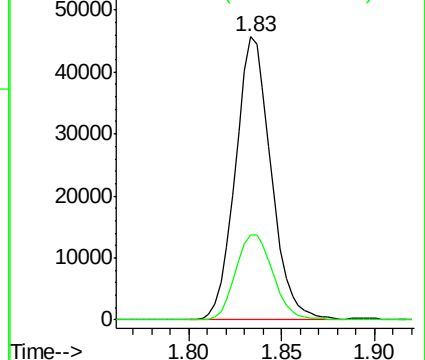
85 100

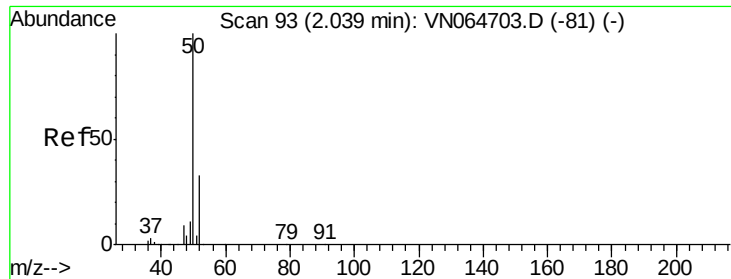
87 30.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 18.494 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

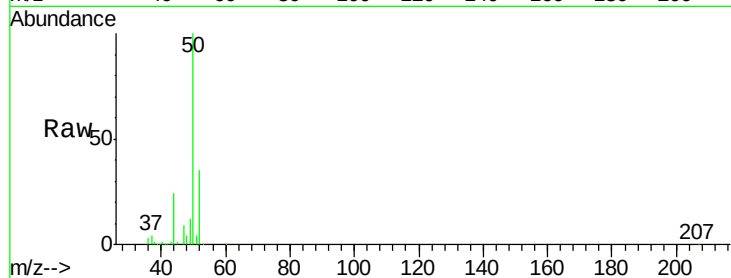
VN1118WBSD01

Tot Ion: 50 Resp: 68116

Ion Ratio Lower Upper

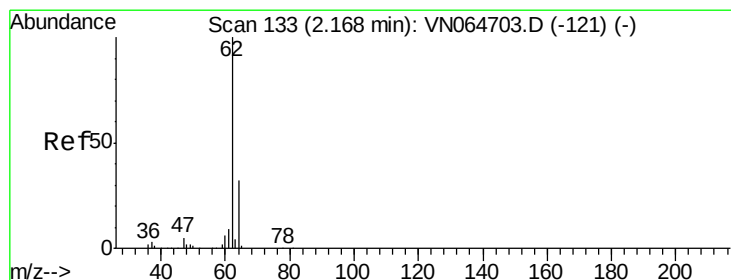
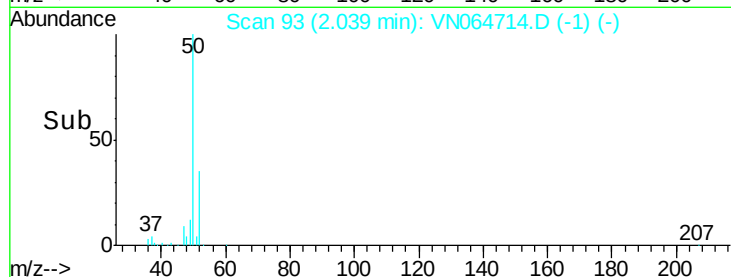
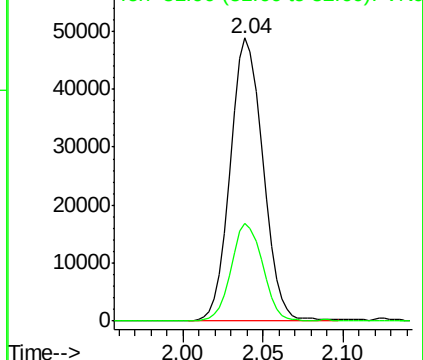
50 100

52 34.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 18.285 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064714.D

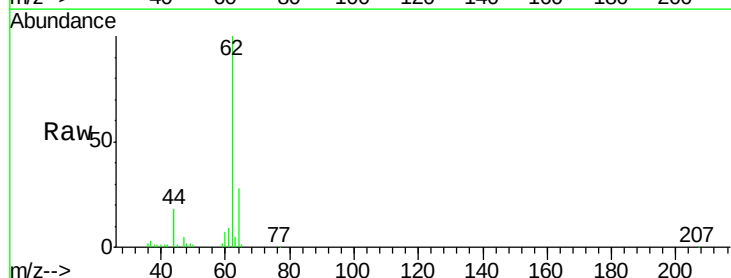
Acq: 18 Nov 2020 18:12

Tgt Ion: 62 Resp: 70272

Ion Ratio Lower Upper

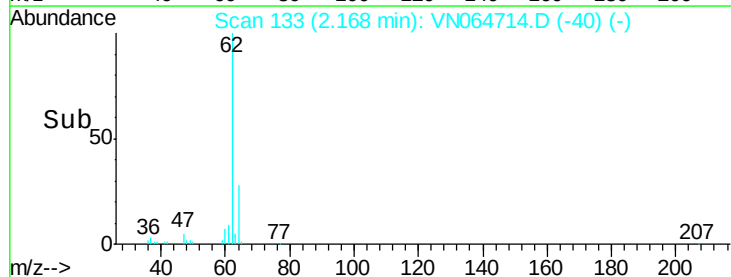
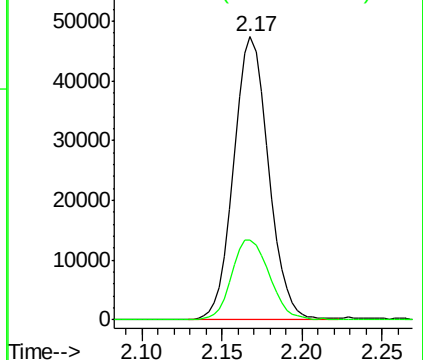
62 100

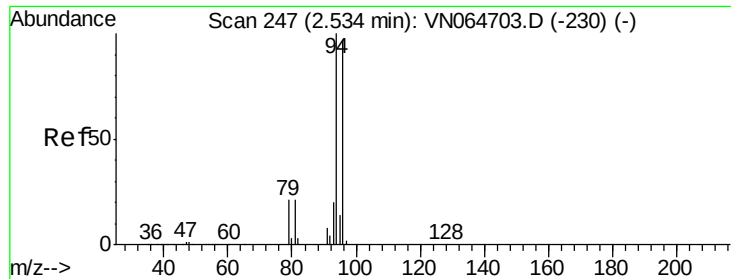
64 28.2 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 18.950 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

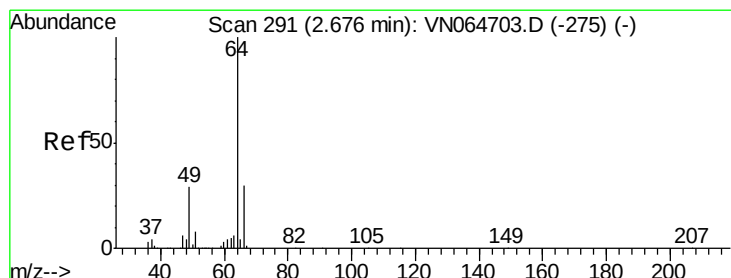
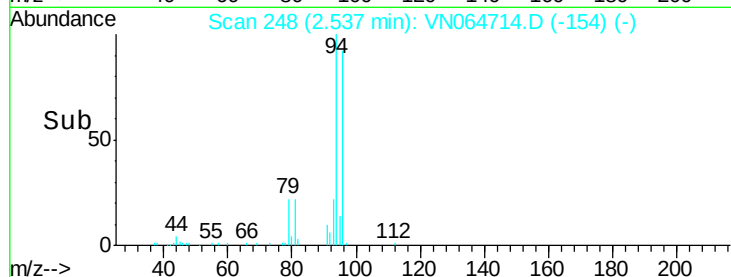
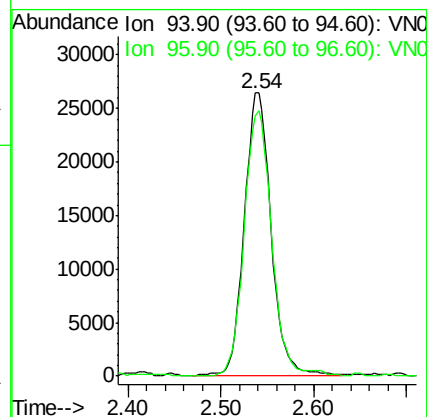
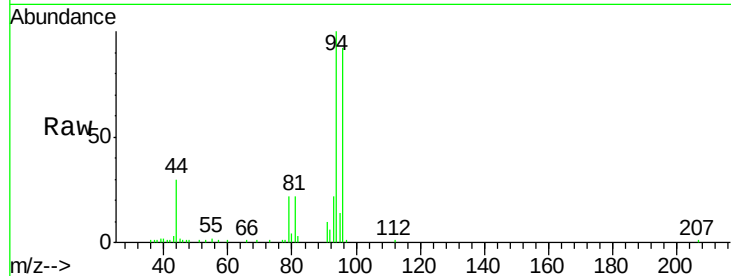
VN1118WBSD01

Tot Ion: 94 Resp: 53405

Ion Ratio Lower Upper

94 100

96 91.8 77.8 116.8



#6

Chloroethane

Concen: 19.109 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064714.D

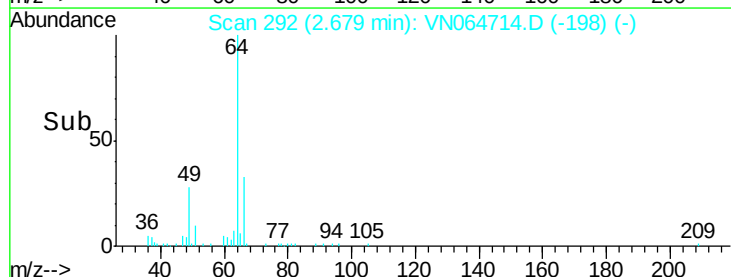
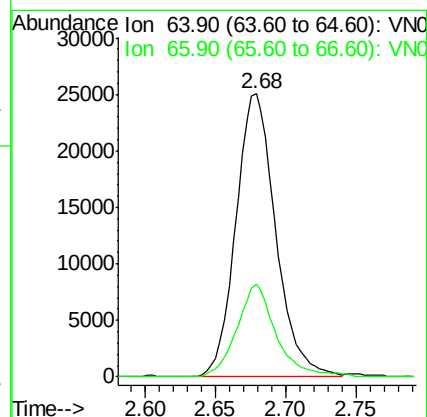
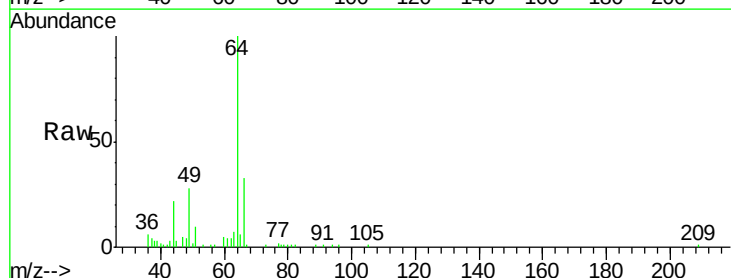
Acq: 18 Nov 2020 18:12

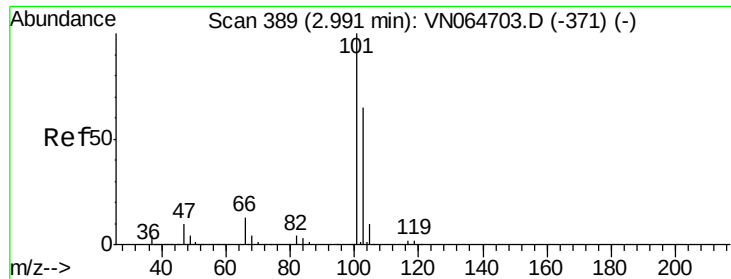
Tgt Ion: 64 Resp: 49550

Ion Ratio Lower Upper

64 100

66 32.9 24.2 36.2



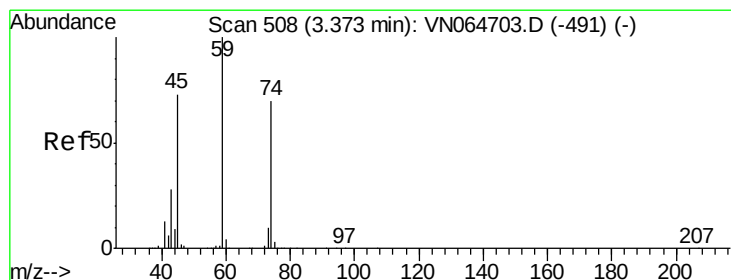
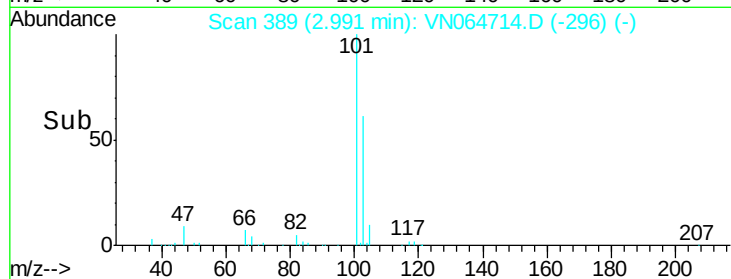
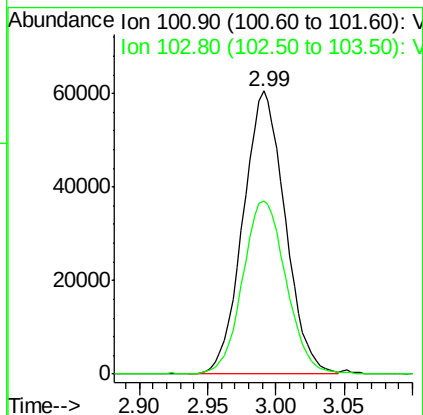
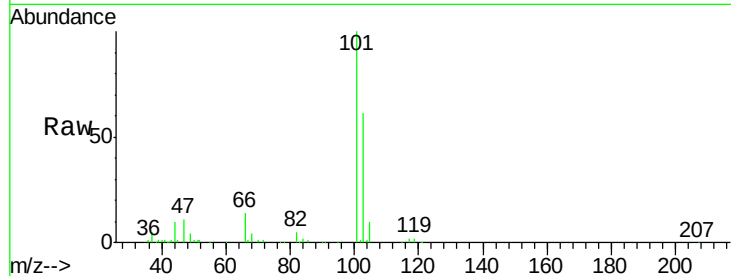


#7

Trichlorofluoromethane
 Concen: 18.828 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

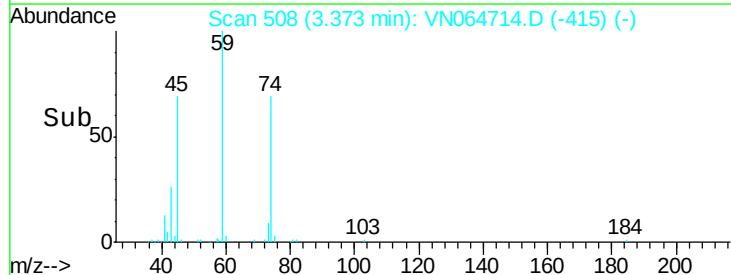
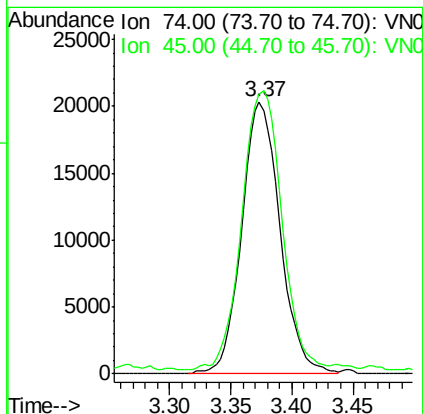
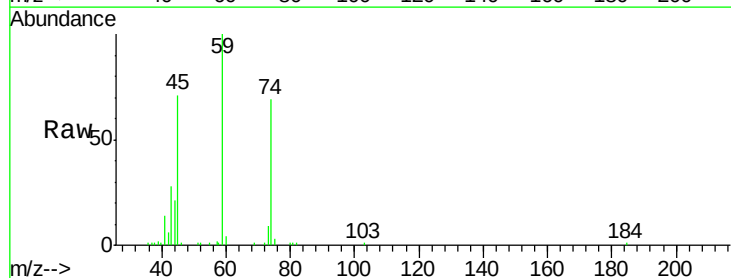
Tot Ion:101 Resp: 129598
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.8 77.6

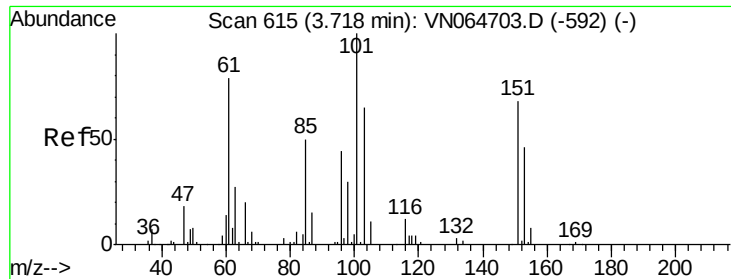


#8

Diethyl Ether
 Concen: 19.832 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

Tgt Ion: 74 Resp: 44046
 Ion Ratio Lower Upper
 74 100
 45 107.7 52.8 158.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.898 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampled :

VN1118WBSD01

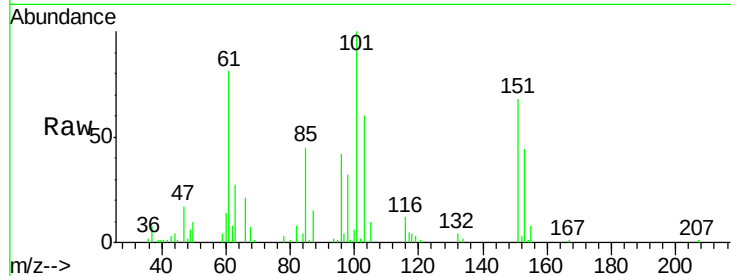
Tot Ion:101 Resp: 56215

Ion Ratio Lower Upper

101 100

85 49.4 39.0 58.4

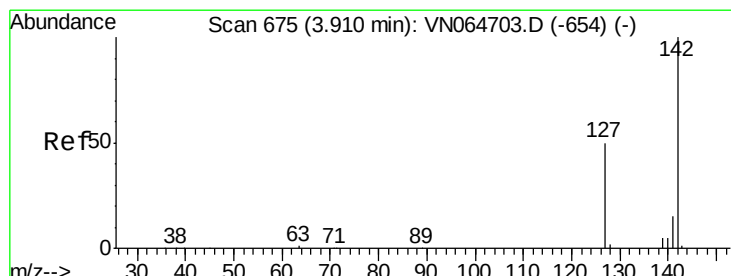
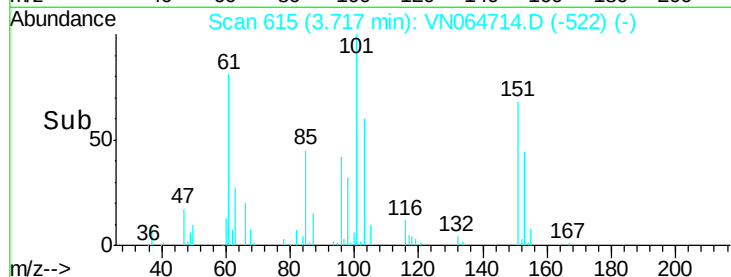
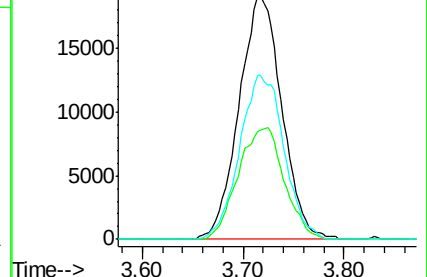
151 70.0 57.2 85.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.373 ug/l

RT: 3.91 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

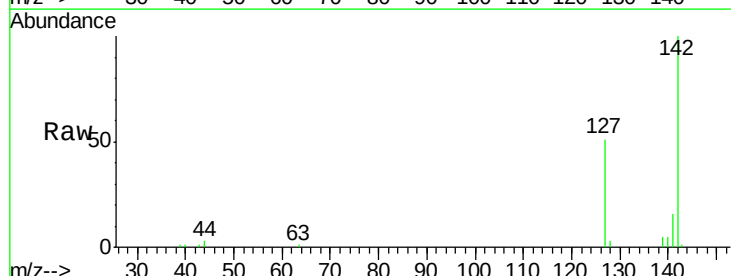
Tgt Ion:142 Resp: 65329

Ion Ratio Lower Upper

142 100

127 53.0 42.0 63.0

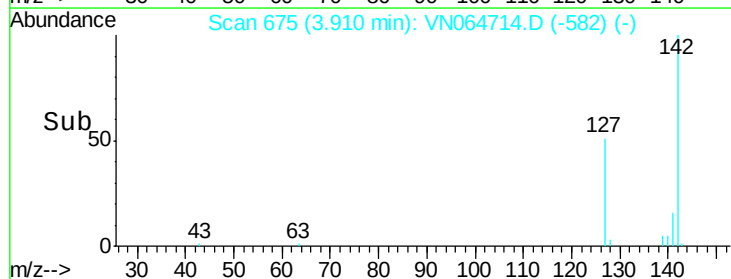
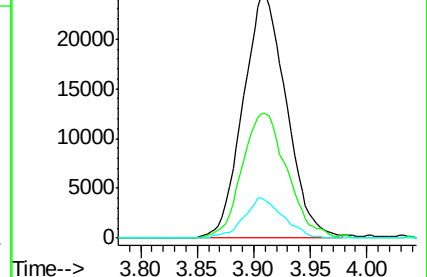
141 14.9 12.1 18.1

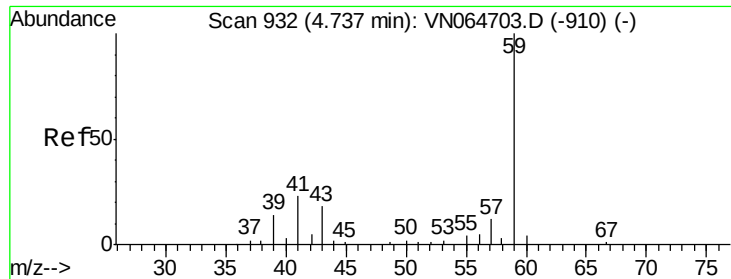


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 102.732 ug/l

RT: 4.74 min Scan# 933

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

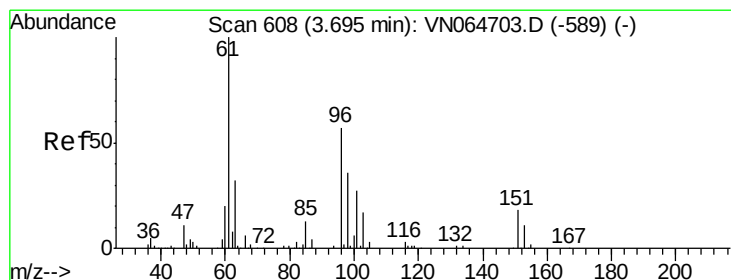
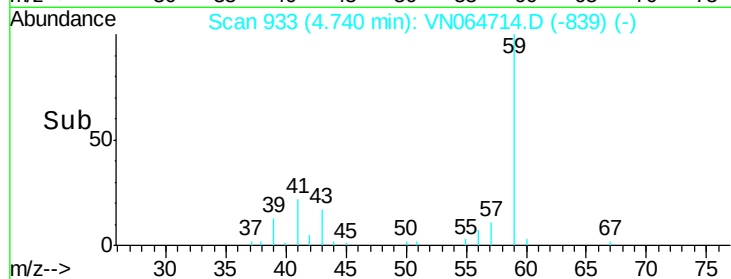
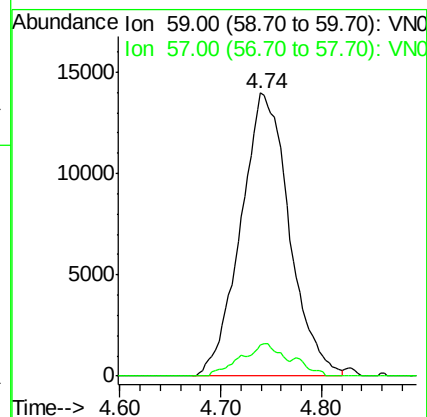
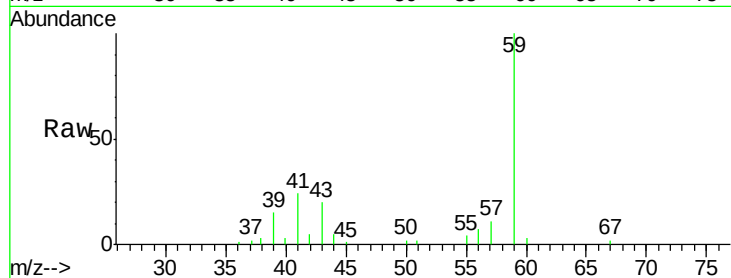
VN1118WBSD01

Tot Ion: 59 Resp: 46738

Ion Ratio Lower Upper

59 100

57 3.5 9.1 13.7#



#12

1,1-Dichloroethene

Concen: 18.741 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

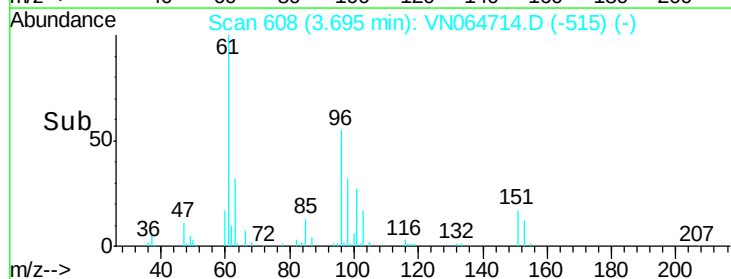
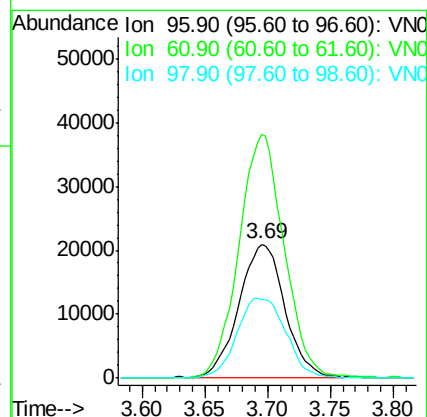
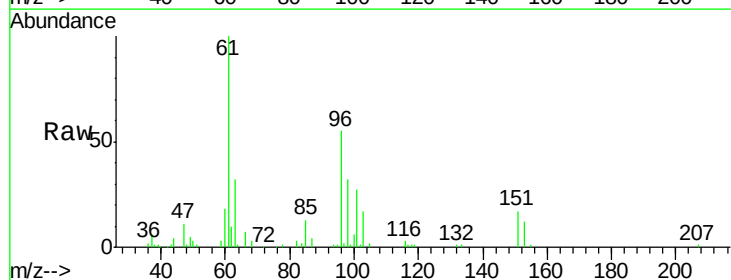
Tgt Ion: 96 Resp: 53711

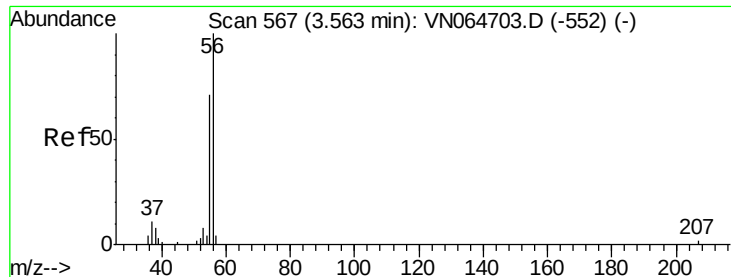
Ion Ratio Lower Upper

96 100

61 180.7 139.1 208.7

98 58.7 50.2 75.2





#13

Acrolein

Concen: 124.011 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.01 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

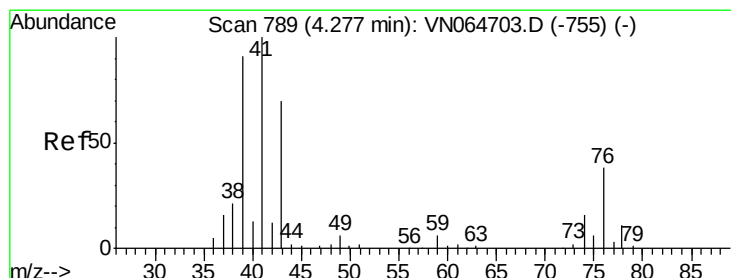
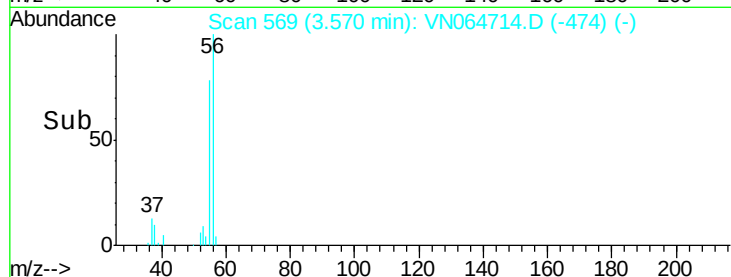
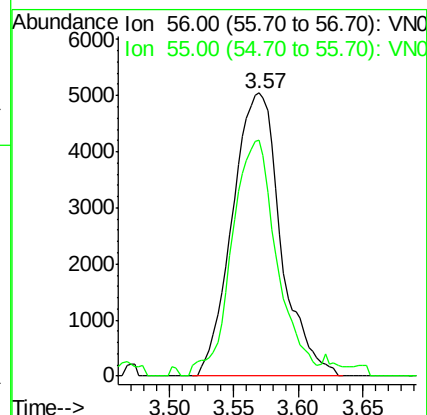
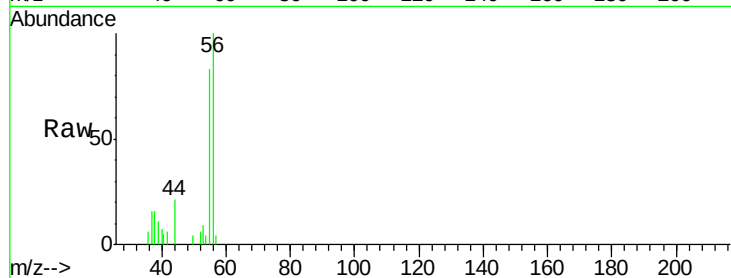
VN1118WBSD01

Tot Ion: 56 Resp: 13209

Ion Ratio Lower Upper

56 100

55 77.0 61.8 92.6



#14

Allyl chloride

Concen: 19.363 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

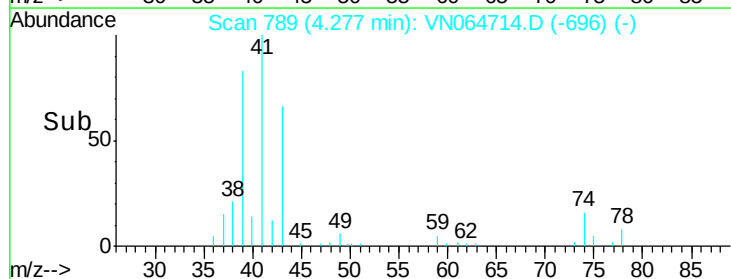
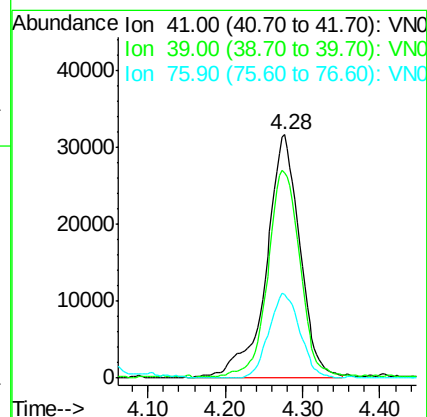
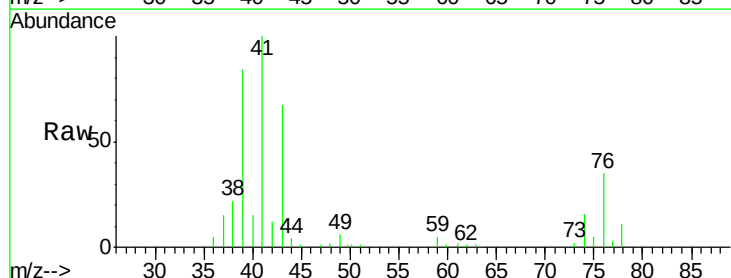
Tgt Ion: 41 Resp: 95285

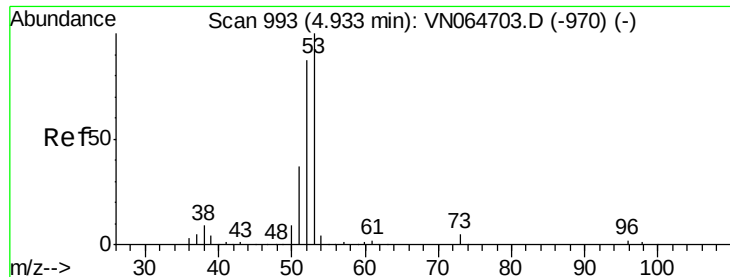
Ion Ratio Lower Upper

41 100

39 80.7 66.1 99.1

76 32.2 26.6 40.0





#15

Acrylonitrile

Concen: 97.608 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

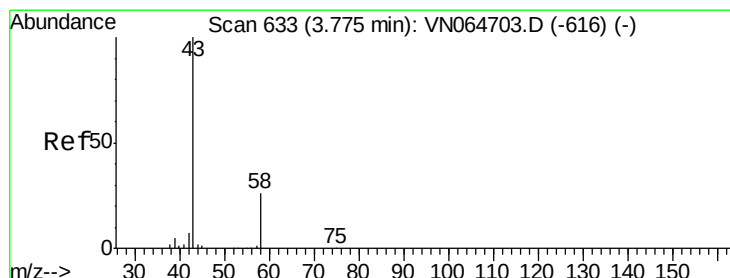
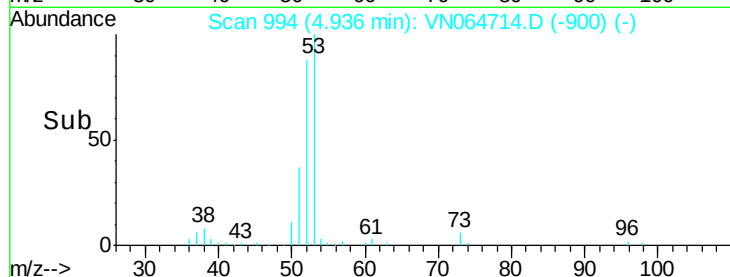
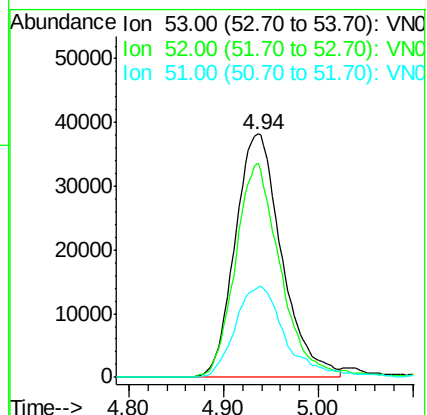
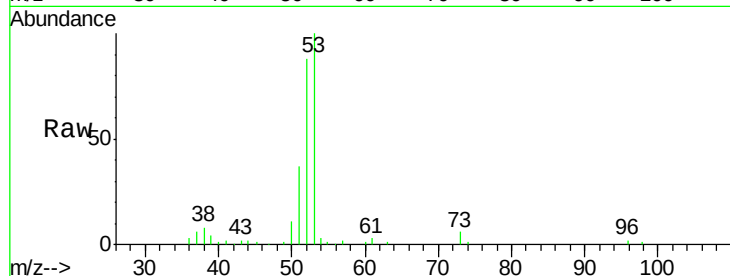
Tot Ion: 53 Resp: 130394

Ion Ratio Lower Upper

53 100

52 83.8 67.2 100.8

51 40.1 31.0 46.6



#16

Acetone

Concen: 105.241 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064714.D

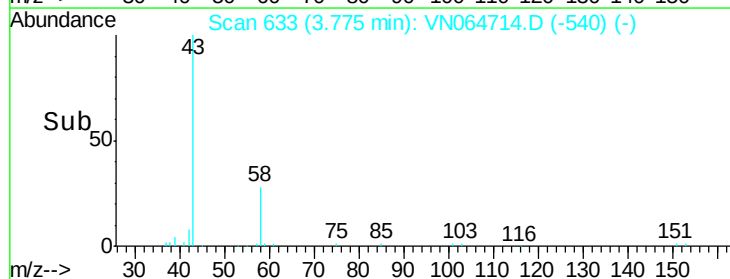
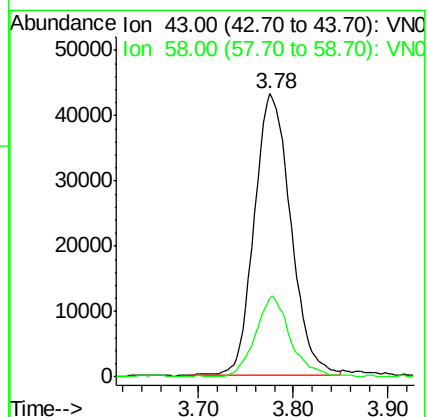
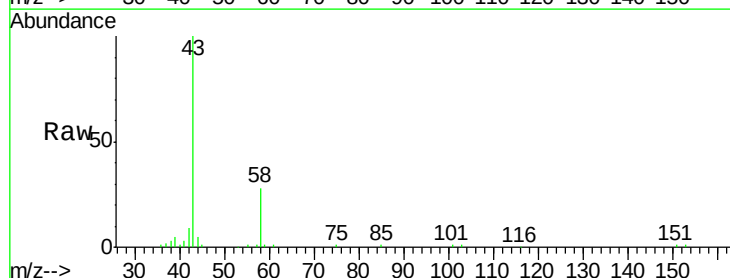
Acq: 18 Nov 2020 18:12

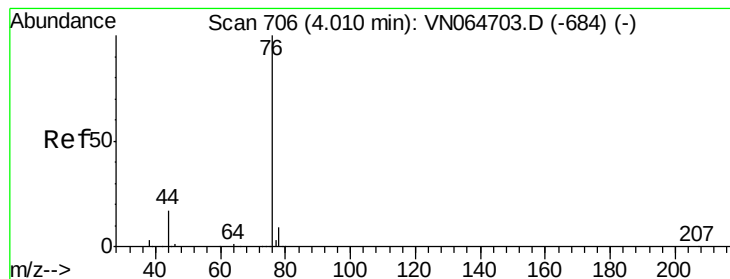
Tgt Ion: 43 Resp: 116011

Ion Ratio Lower Upper

43 100

58 28.1 21.2 31.8





#17

Carbon Disulfide

Concen: 18.684 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

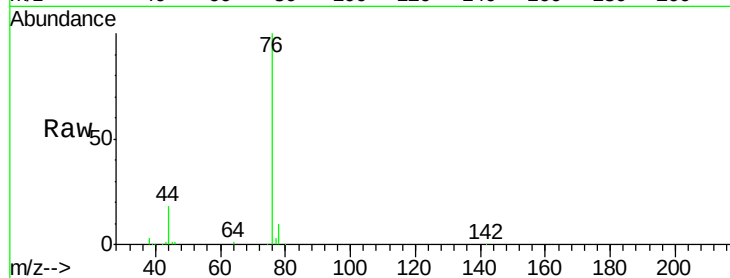
VN1118WBSD01

Tot Ion: 76 Resp: 155040

Ion Ratio Lower Upper

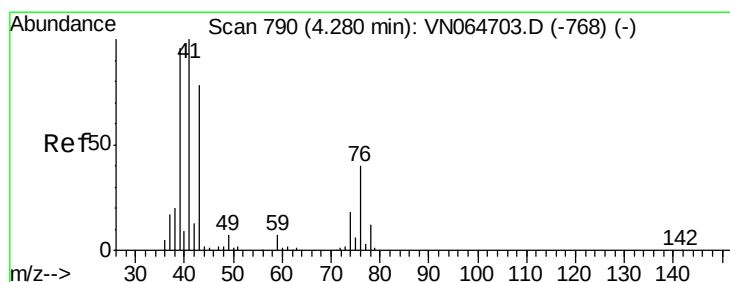
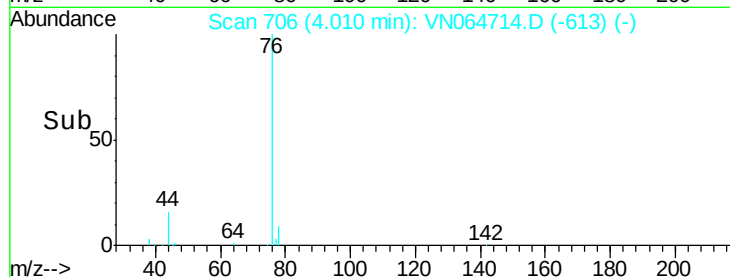
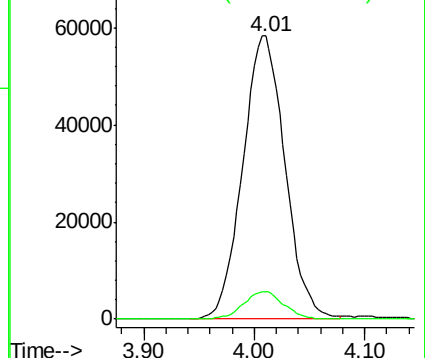
76 100

78 9.8 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 19.207 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064714.D

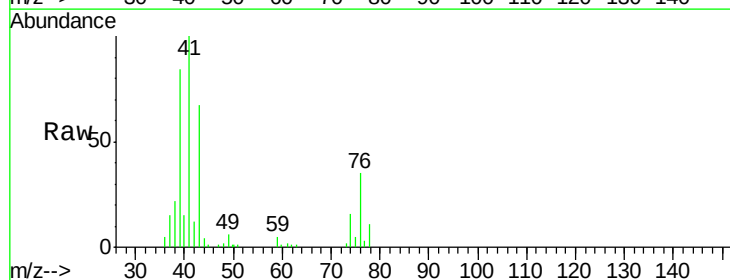
Acq: 18 Nov 2020 18:12

Tgt Ion: 43 Resp: 63192

Ion Ratio Lower Upper

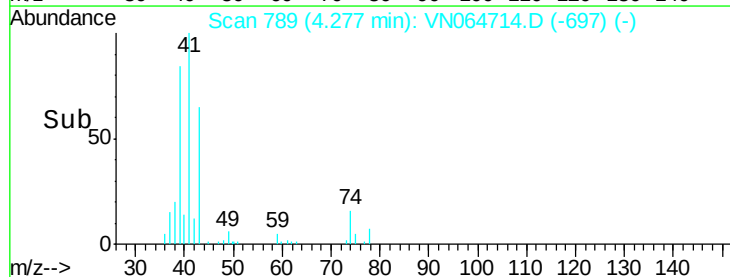
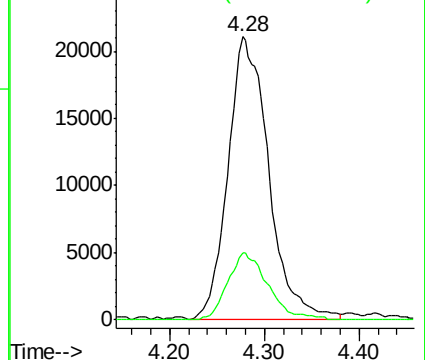
43 100

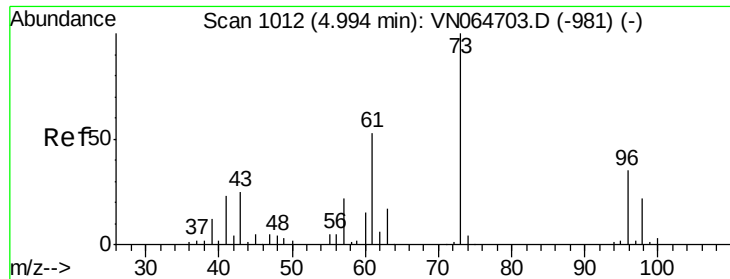
74 23.4 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

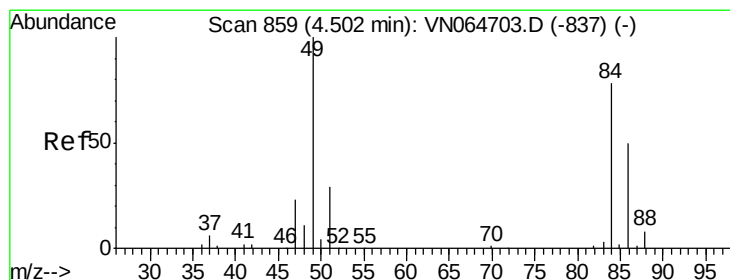
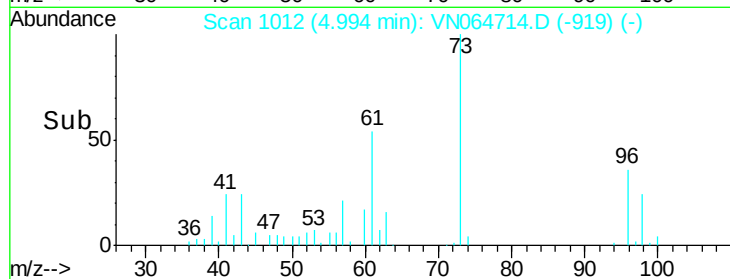
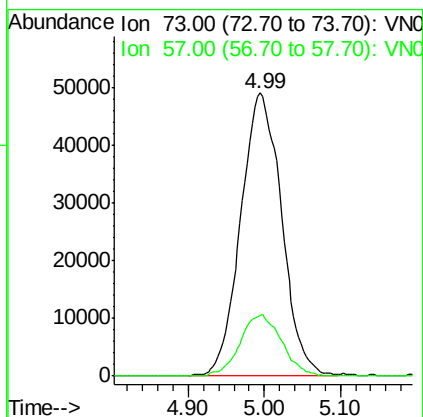
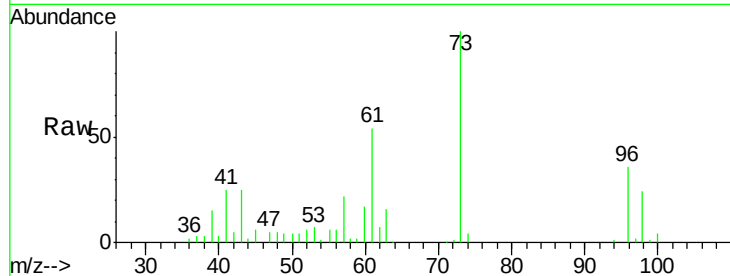




#19
Methvl tert-butyl Ether
Concen: 19.132 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

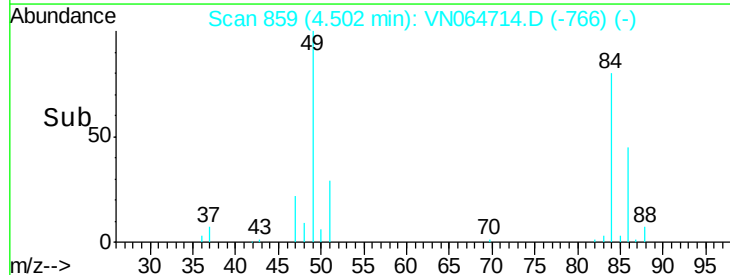
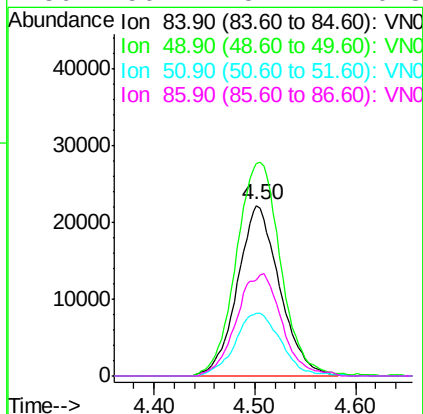
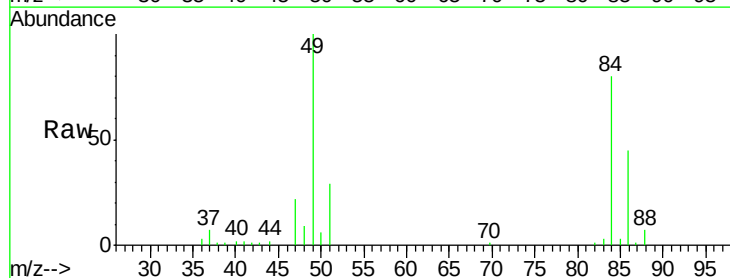
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

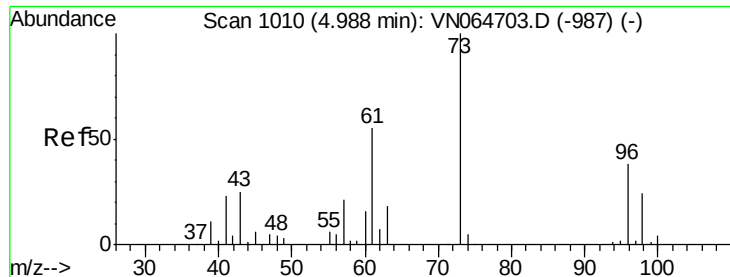
Tot Ion: 73 Resp: 183471
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9



#20
Methylene Chloride
Concen: 18.555 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Tgt Ion: 84 Resp: 64435
Ion Ratio Lower Upper
84 100
49 124.9 102.4 153.6
51 36.8 29.4 44.2
86 56.7 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 18.064 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampled :

VN1118WBSD01

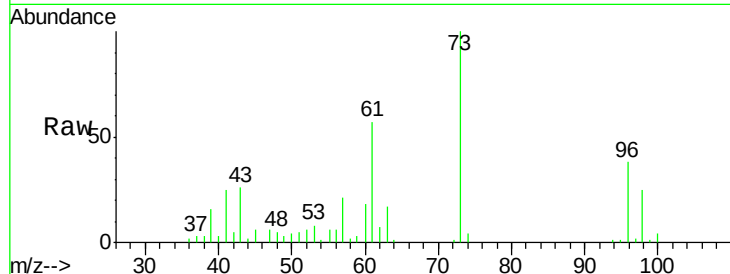
Tot Ion: 96 Resp: 57766

Ion Ratio Lower Upper

96 100

61 150.1 117.9 176.9

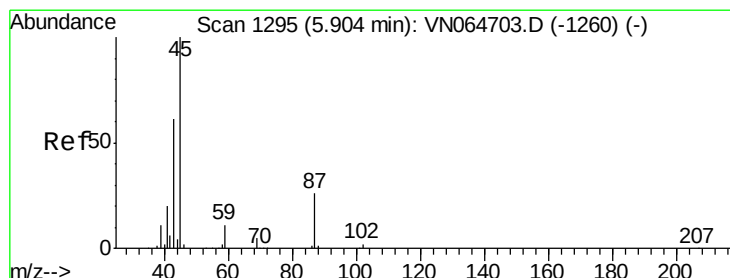
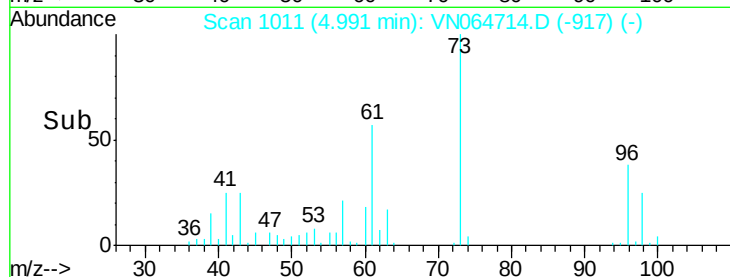
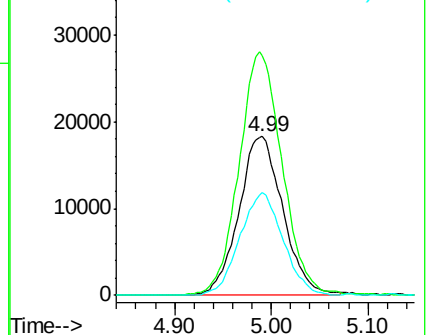
98 65.1 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VN064714.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064714.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064714.D (-917) (-)



#22

Diisopropyl ether

Concen: 19.105 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Tgt Ion: 45 Resp: 198549

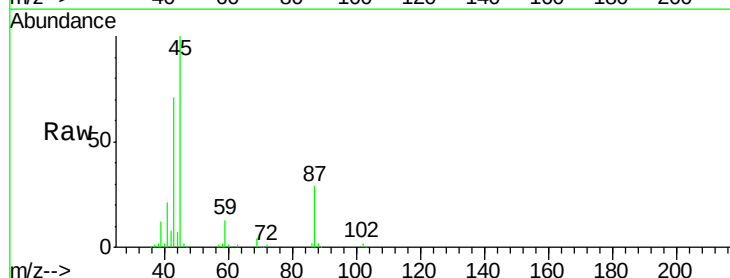
Ion Ratio Lower Upper

45 100

43 68.3 52.3 78.5

87 29.2 21.6 32.4

59 12.4 8.7 13.1

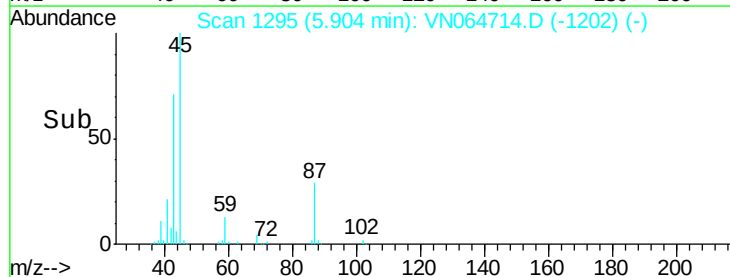
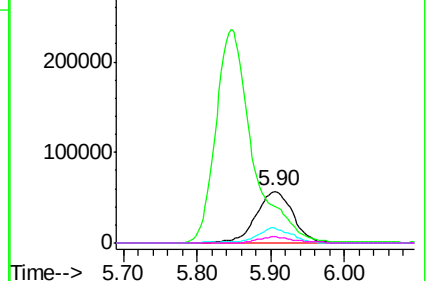


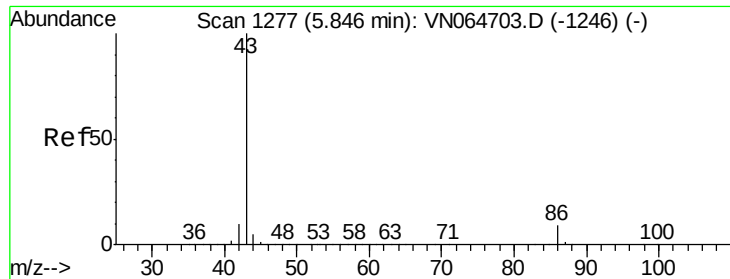
Abundance Ion 45.00 (44.70 to 45.70): VN064714.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064714.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064714.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064714.D (-1202) (-)





#23

Vinyl Acetate

Concen: 97.104 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleID :

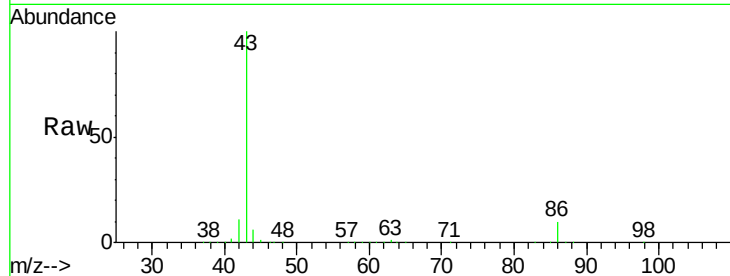
VN1118WBSD01

Tot Ion: 43 Resp: 814409

Ion Ratio Lower Upper

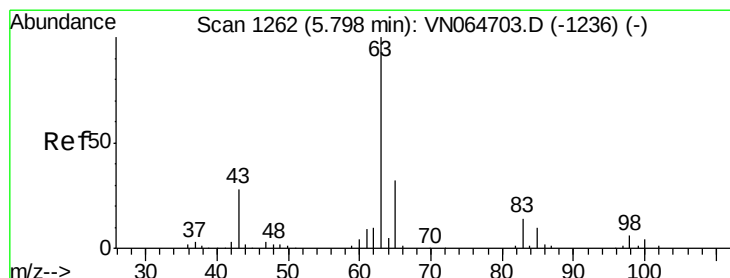
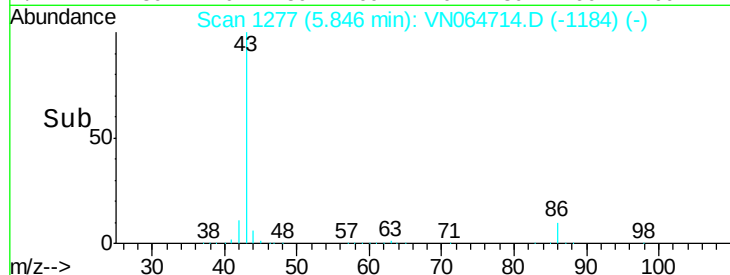
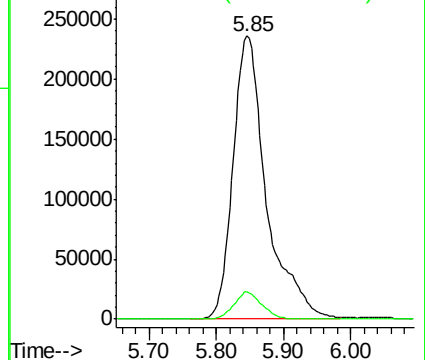
43 100

86 9.6 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.327 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

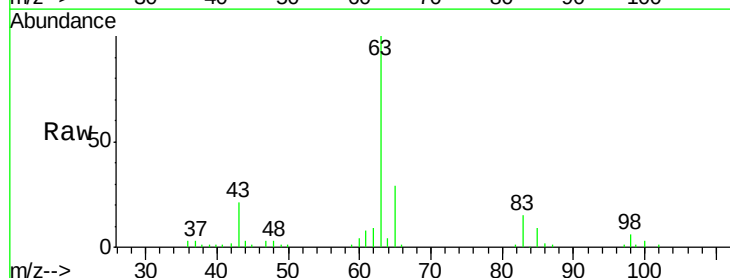
Tgt Ion: 63 Resp: 117678

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

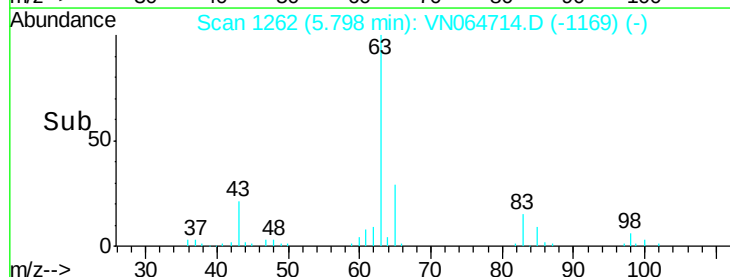
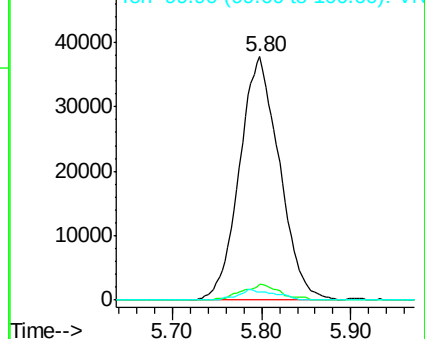
100 3.4 1.9 5.7

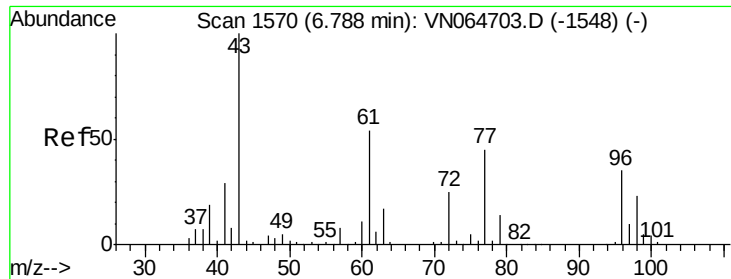


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 102.613 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

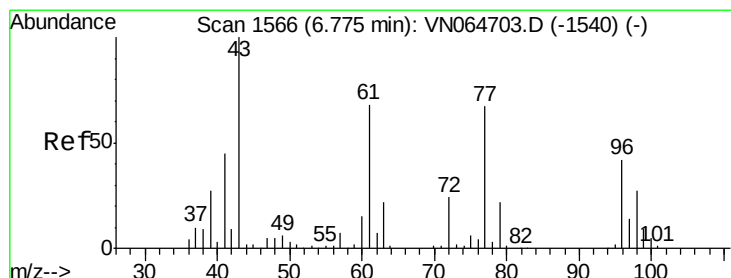
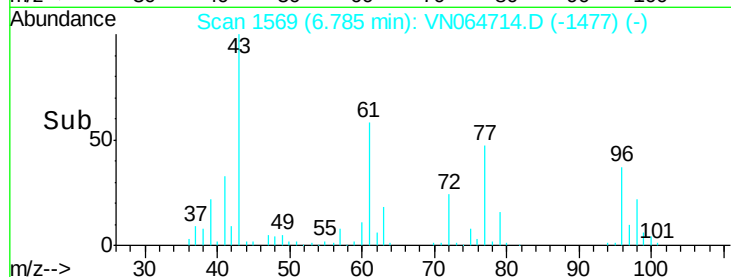
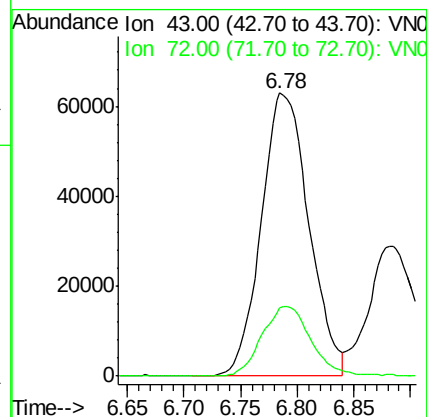
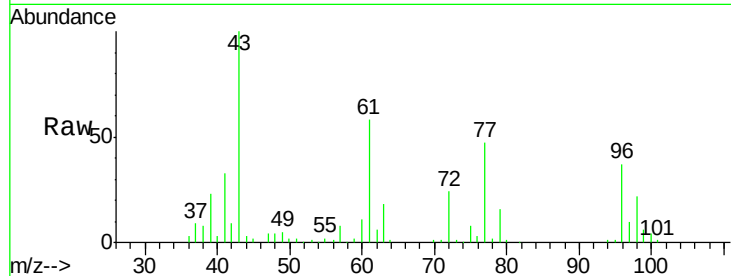
VN1118WBSD01

Tot Ion: 43 Resp: 183972

Ion Ratio Lower Upper

43 100

72 24.1 19.7 29.5



#26

2,2-Dichloropropane

Concen: 18.511 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064714.D

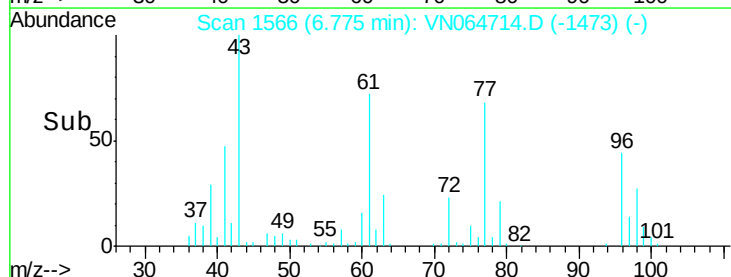
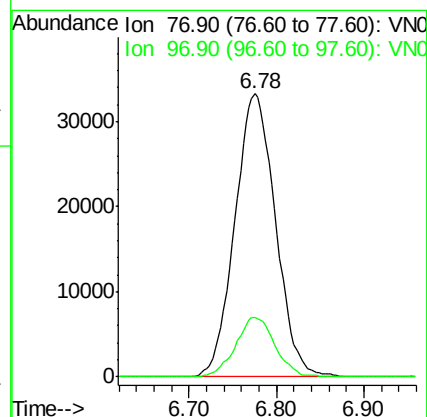
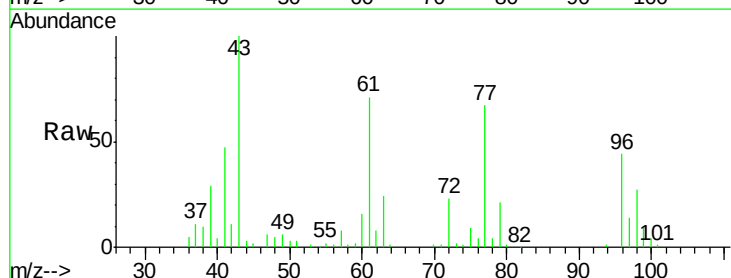
Acq: 18 Nov 2020 18:12

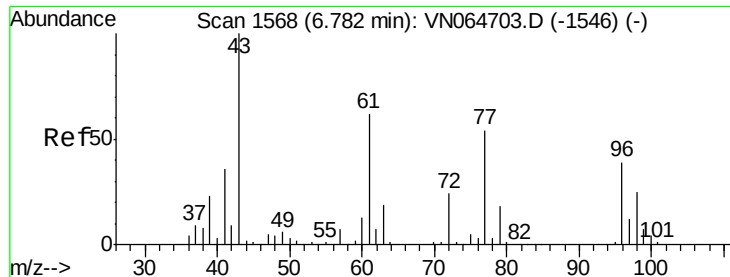
Tgt Ion: 77 Resp: 107099

Ion Ratio Lower Upper

77 100

97 20.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 19.186 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

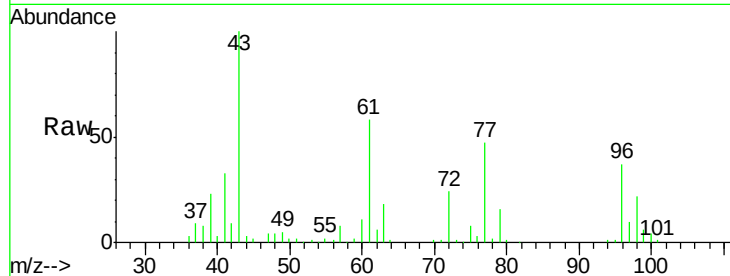
Tot Ion: 96 Resp: 67644

Ion Ratio Lower Upper

96 100

61 160.3 0.0 322.6

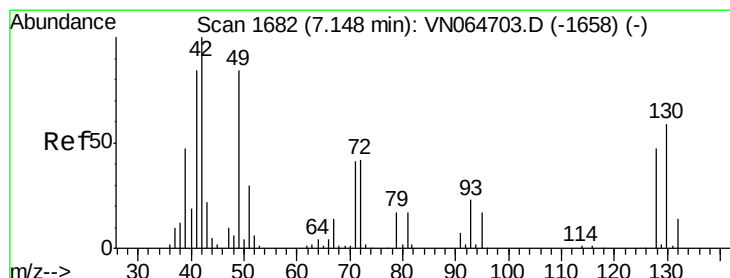
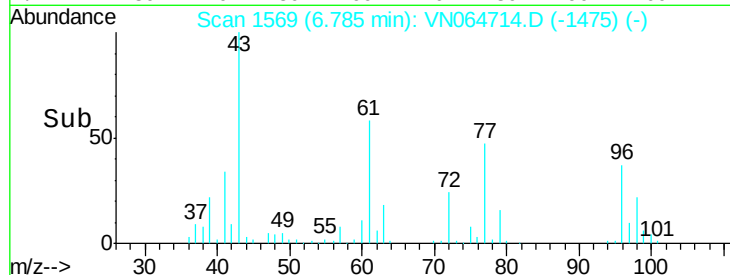
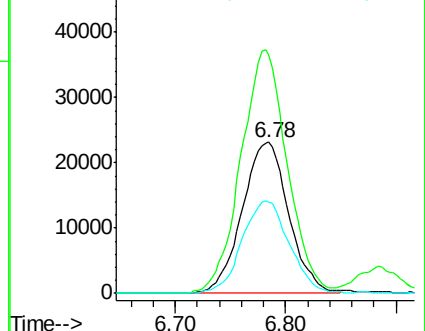
98 61.9 0.0 128.6



Abundance Ion 95.90 (95.60 to 96.60): VN064714.D (-1475) (-)

Ion 60.90 (60.60 to 61.60): VN064714.D (-1475) (-)

Ion 97.90 (97.60 to 98.60): VN064714.D (-1475) (-)



#28

Bromochloromethane

Concen: 18.555 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

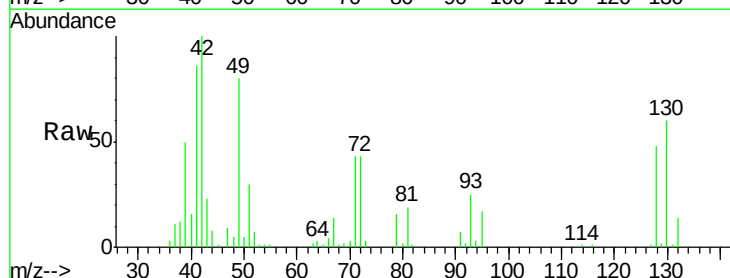
Tgt Ion: 49 Resp: 56963

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.8

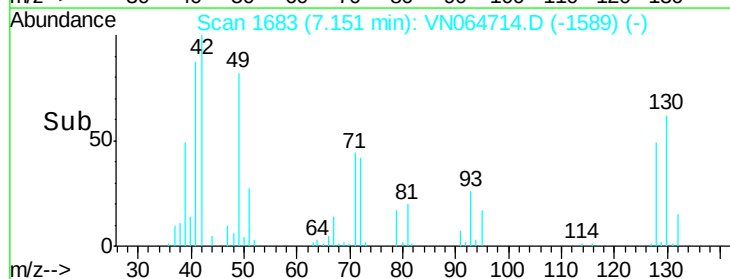
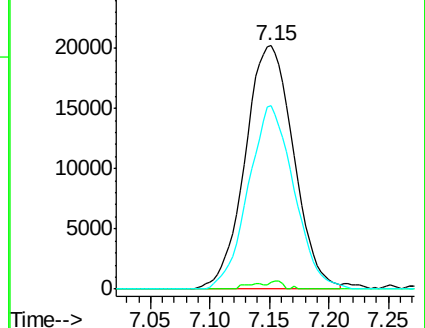
130 71.1 56.2 84.4

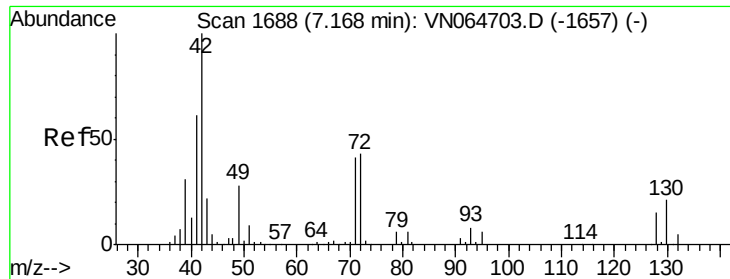


Abundance Ion 48.90 (48.60 to 49.60): VN064714.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064714.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064714.D (-1589) (-)





#29

Tetrahydrofuran

Concen: 98.600 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampled :

VN1118WBSD01

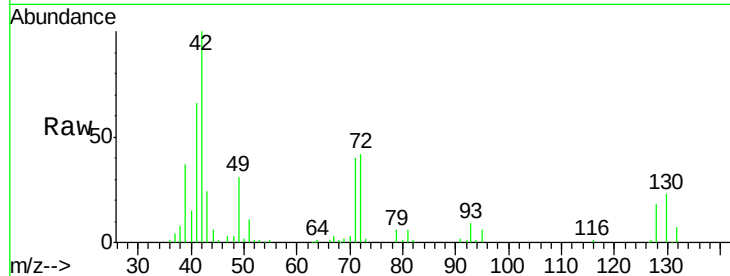
Tot Ion: 42 Resp: 119442

Ion Ratio Lower Upper

42 100

72 41.8 33.0 49.4

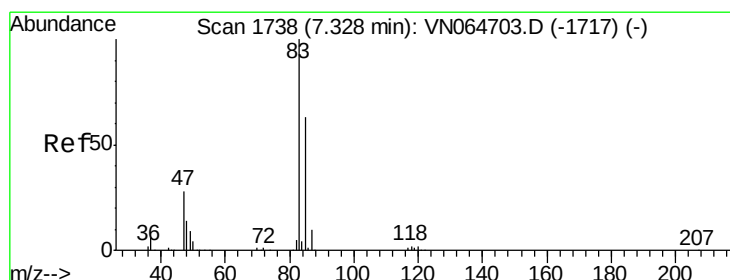
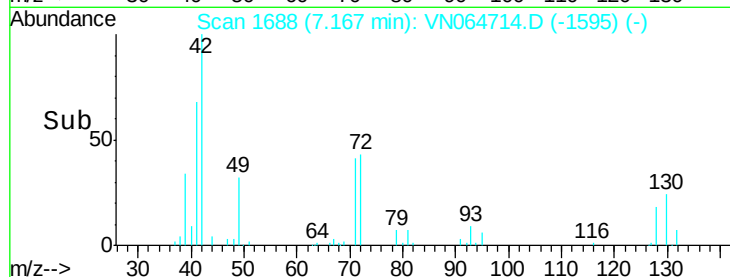
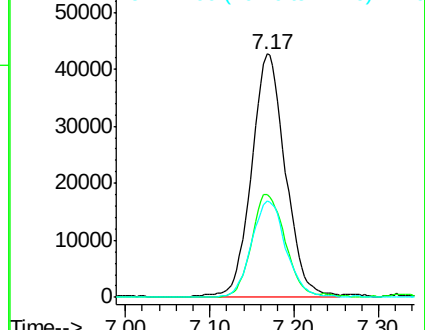
71 39.9 31.8 47.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.890 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064714.D

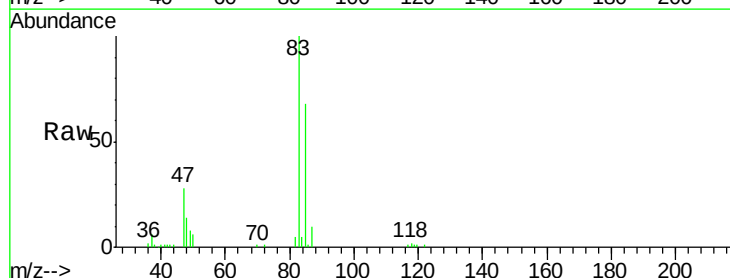
Acq: 18 Nov 2020 18:12

Tgt Ion: 83 Resp: 124988

Ion Ratio Lower Upper

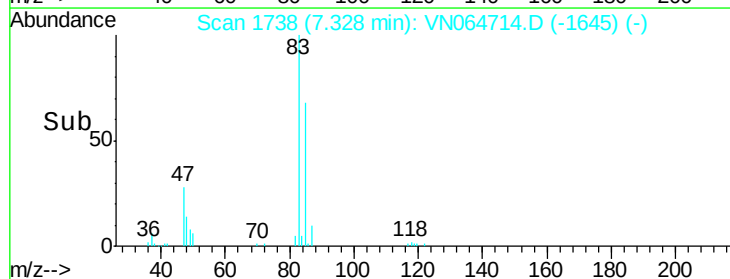
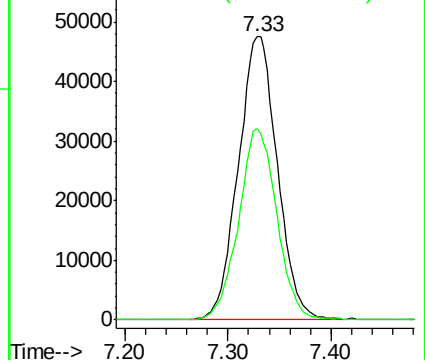
83 100

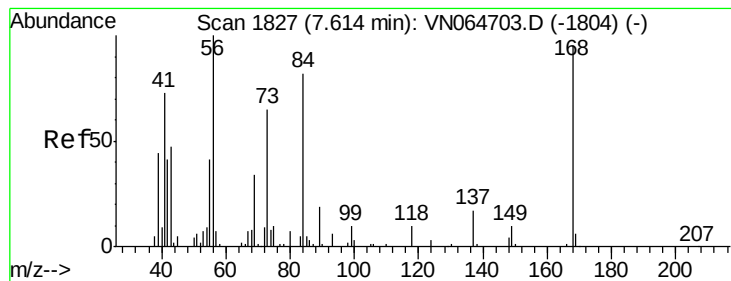
85 67.7 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.190 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

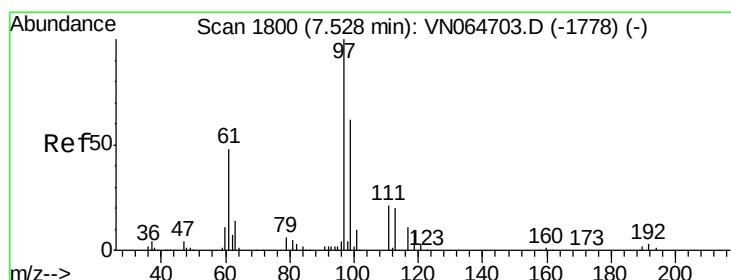
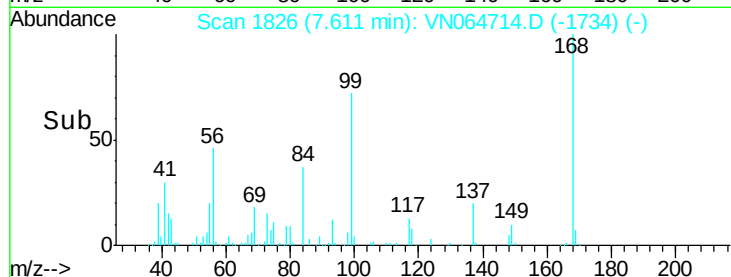
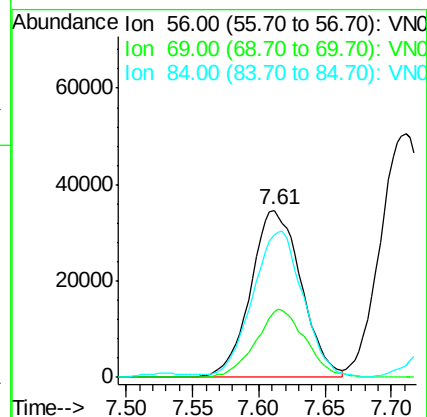
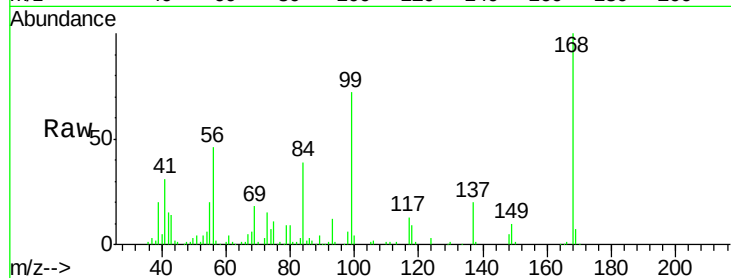
Tot Ion: 56 Resp: 92220

Ion Ratio Lower Upper

56 100

69 39.5 27.2 40.8

84 83.5 65.9 98.9



#32

1,1,1-Trichloroethane

Concen: 18.664 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

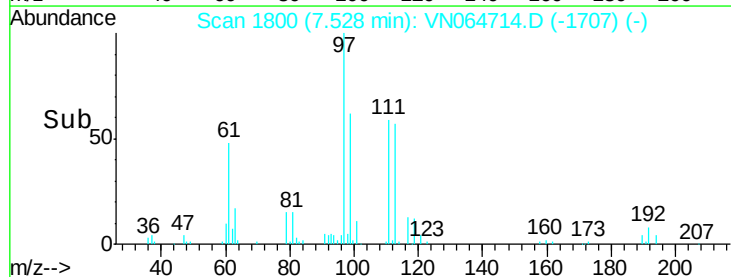
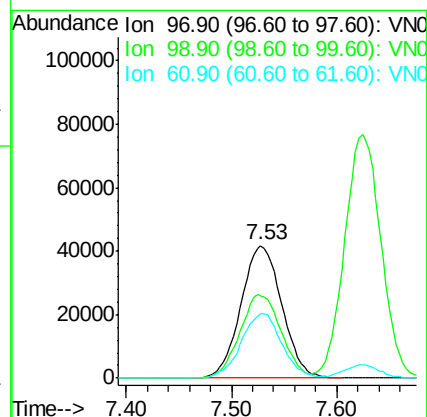
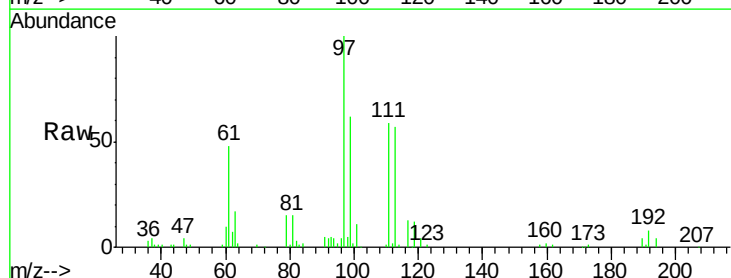
Tgt Ion: 97 Resp: 112878

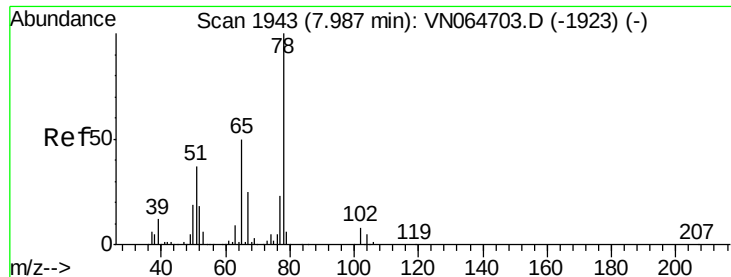
Ion Ratio Lower Upper

97 100

99 63.4 50.6 76.0

61 48.4 38.3 57.5

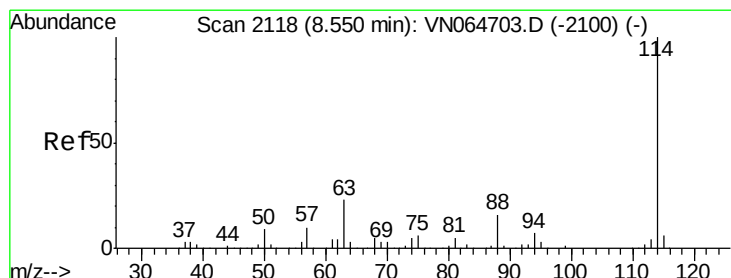
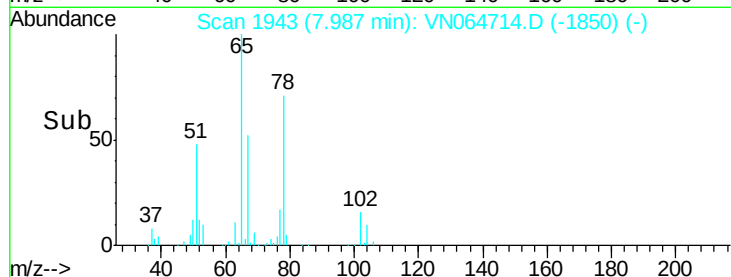
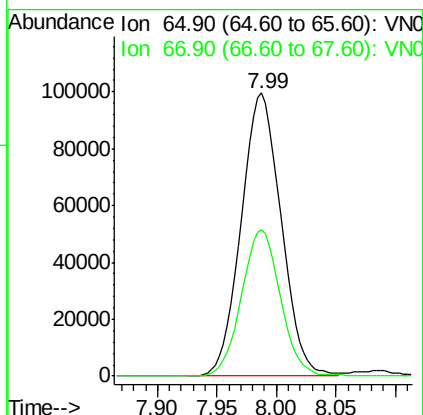
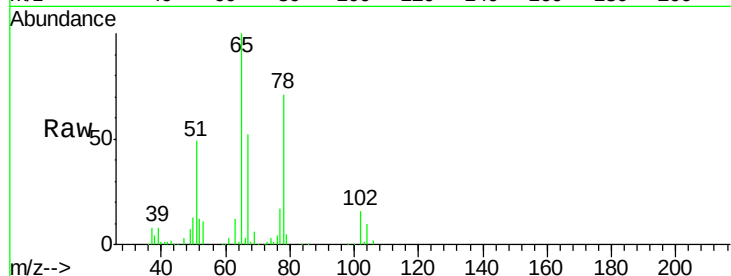




#33
 1,2-Dichloroethane-d4
 Concen: 49.474 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

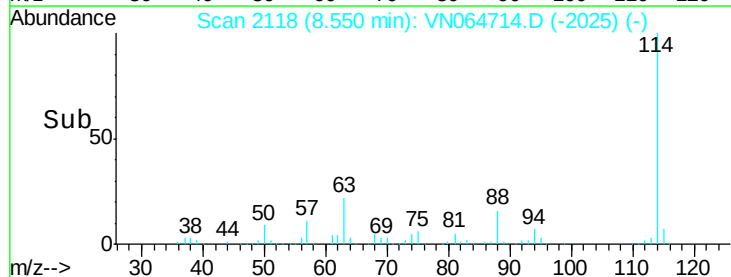
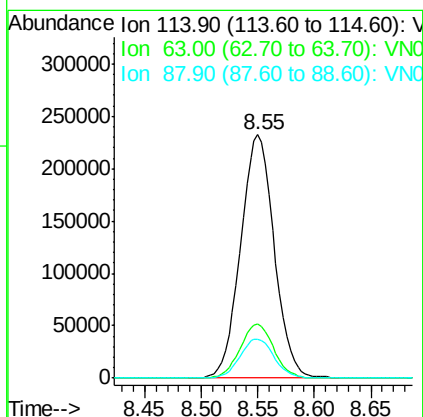
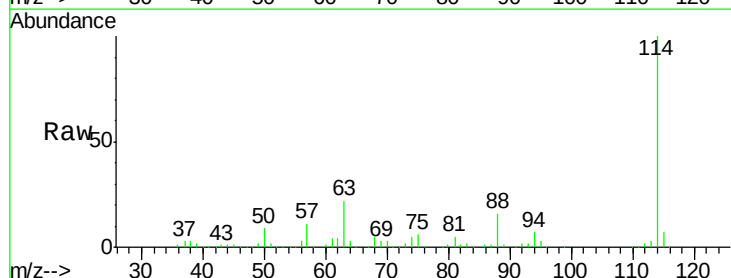
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

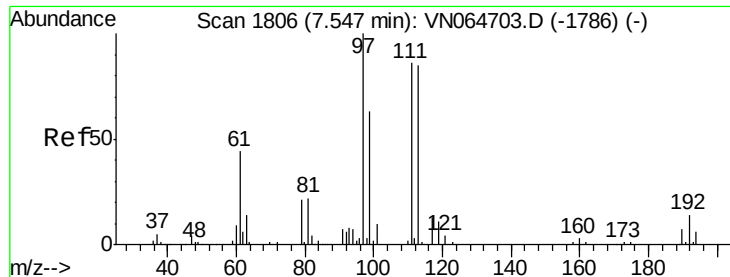
Tot Ion: 65 Resp: 232006
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

Tgt Ion: 114 Resp: 479773
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 46.0
 88 15.9 0.0 31.2

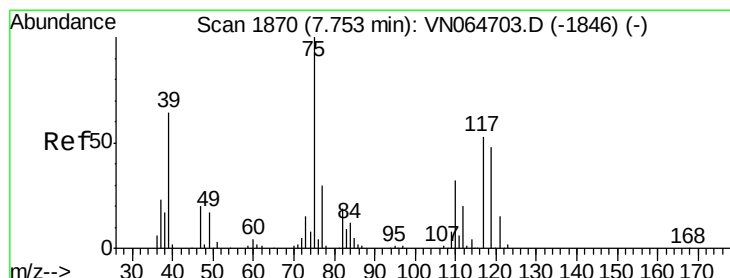
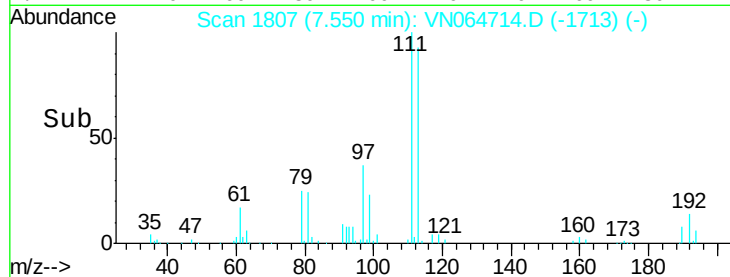
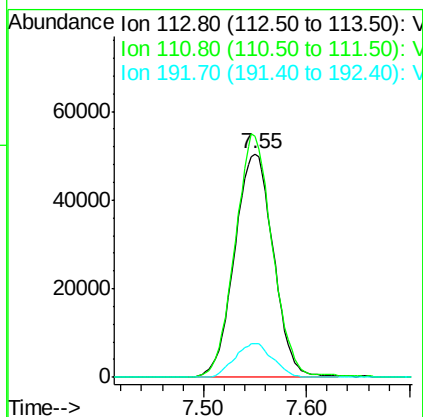
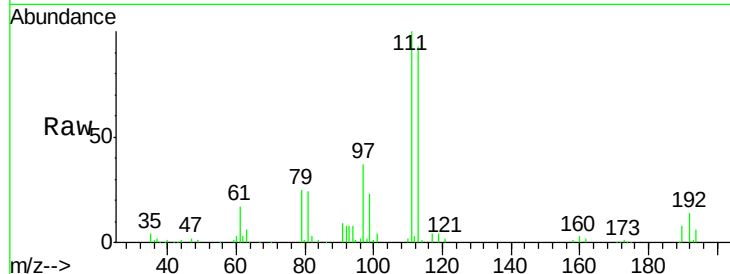




#35
 Dibromofluoromethane
 Concen: 48.359 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

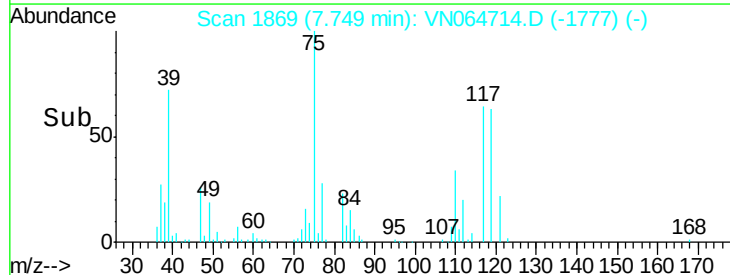
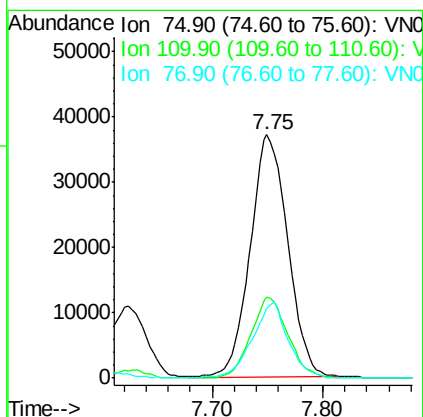
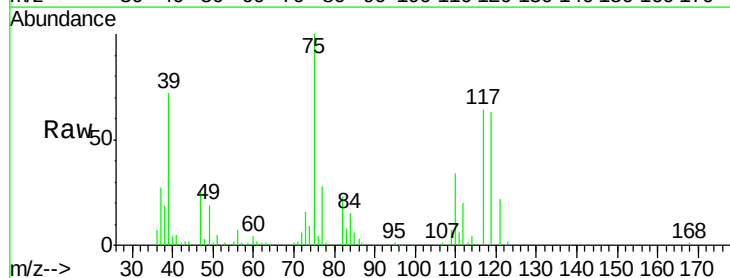
Instrument :
 MSVOA_N
 ClientSampled :
 VN1118WBSD01

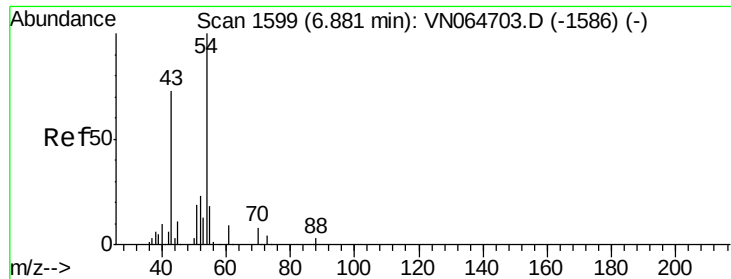
Tot Ion:113 Resp: 132057
 Ion Ratio Lower Upper
 113 100
 111 105.0 82.2 123.4
 192 14.8 12.7 19.1



#36
 1,1-Dichloropropene
 Concen: 17.777 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

Tgt Ion: 75 Resp: 87748
 Ion Ratio Lower Upper
 75 100
 110 32.7 16.2 48.6
 77 29.8 24.4 36.6

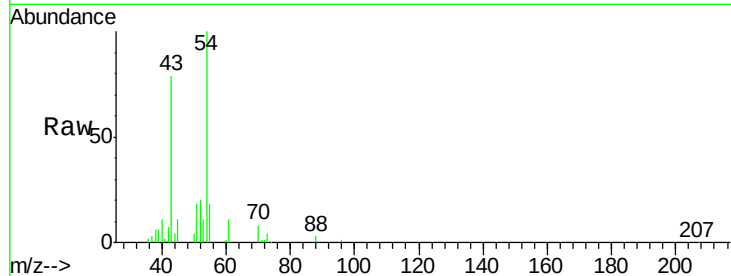




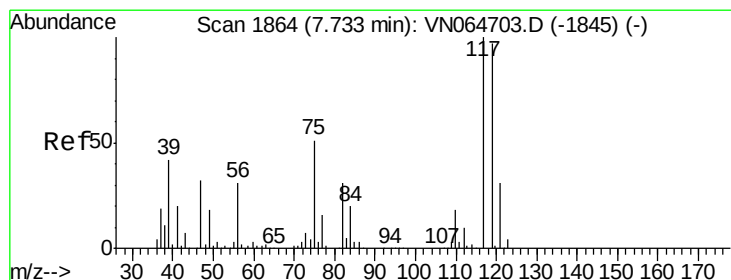
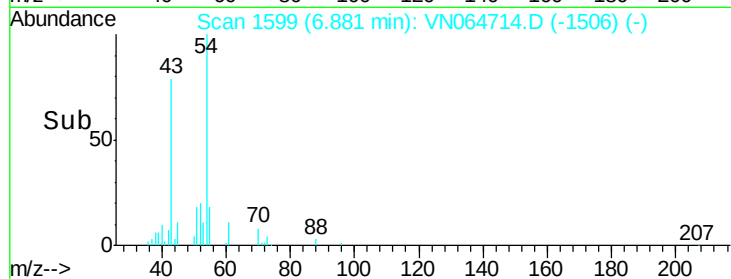
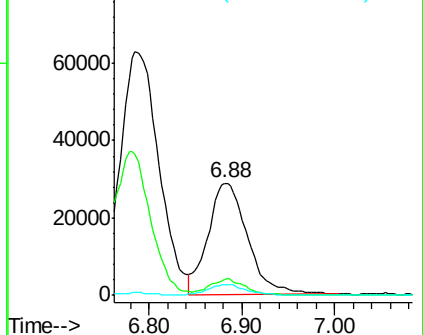
#37
Ethyl Acetate
Concen: 20.604 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Instrument :
MSVOA_N
ClientSampled :
VN1118WBSD01

Tot Ion: 43 Resp: 85157
Ion Ratio Lower Upper
43 100
61 13.4 10.4 15.6
70 9.4 7.6 11.4

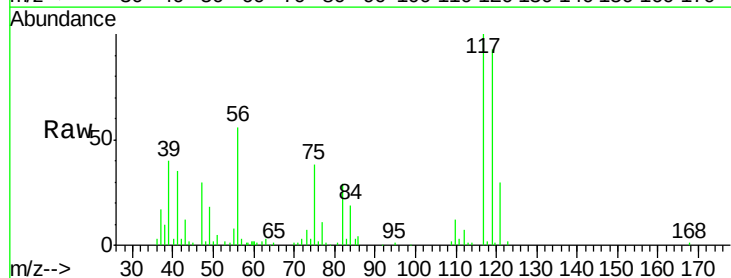


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

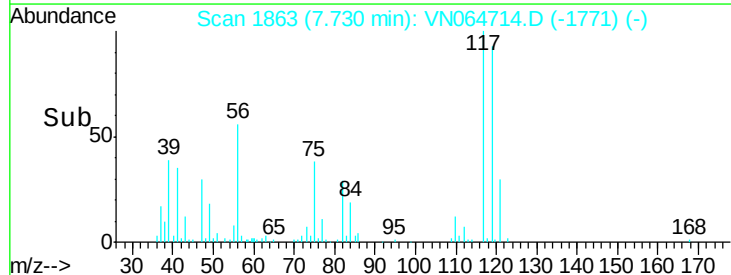
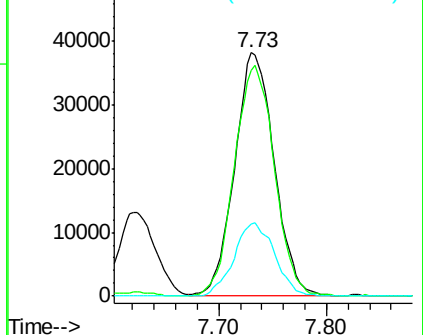


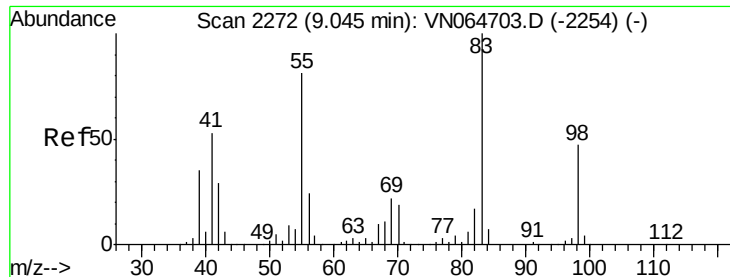
#38
Carbon Tetrachloride
Concen: 18.639 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Tgt Ion: 117 Resp: 97774
Ion Ratio Lower Upper
117 100
119 92.6 77.8 116.6
121 29.6 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

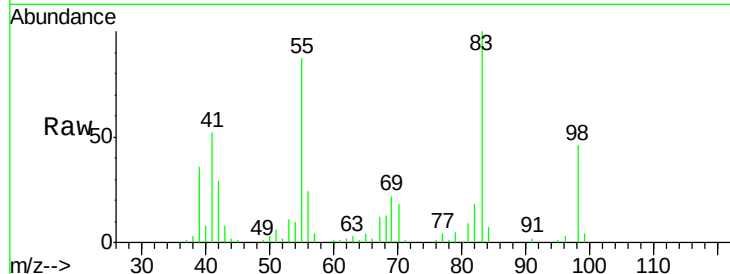




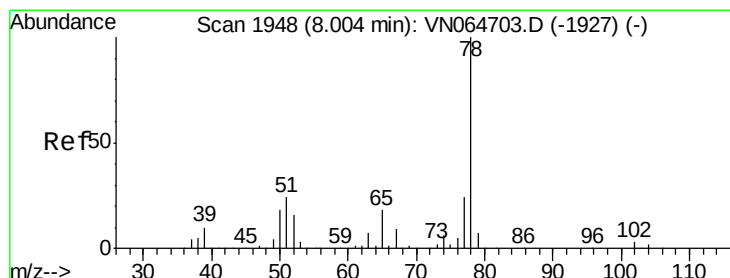
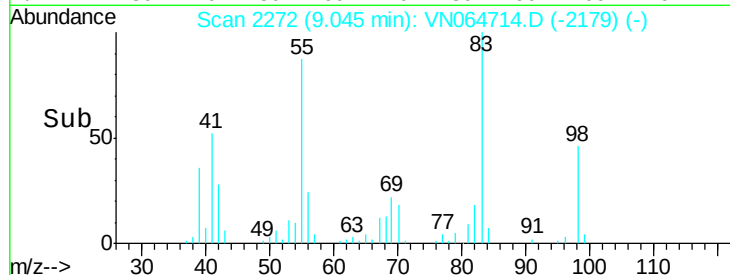
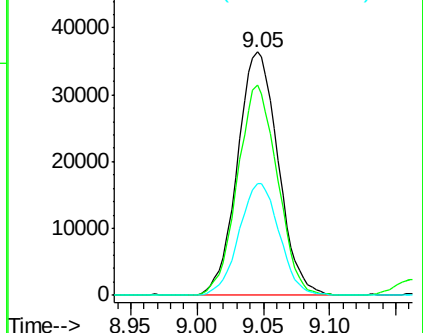
#39
Methylvlcyclohexane
Concen: 17.783 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tot Ion: 83 Resp: 77775
Ion Ratio Lower Upper
83 100
55 86.6 64.6 97.0
98 45.9 37.7 56.5

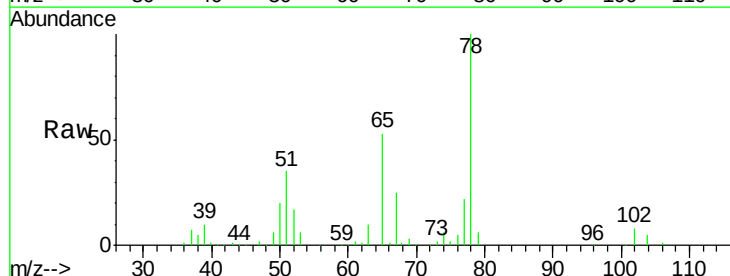


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

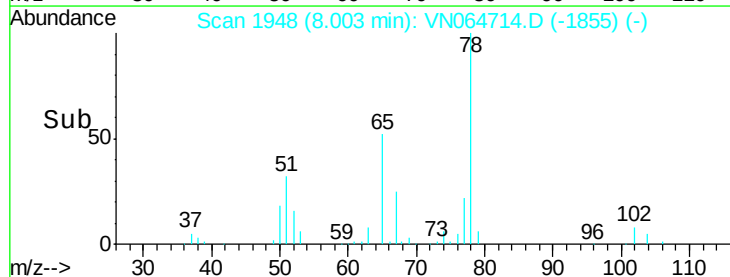
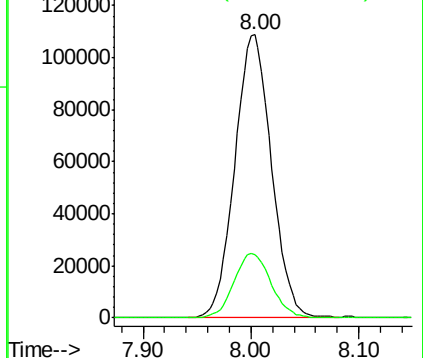


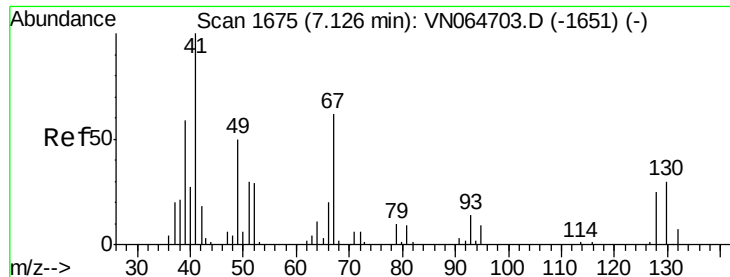
#40
Benzene
Concen: 18.737 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Tgt Ion: 78 Resp: 257695
Ion Ratio Lower Upper
78 100
77 22.3 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

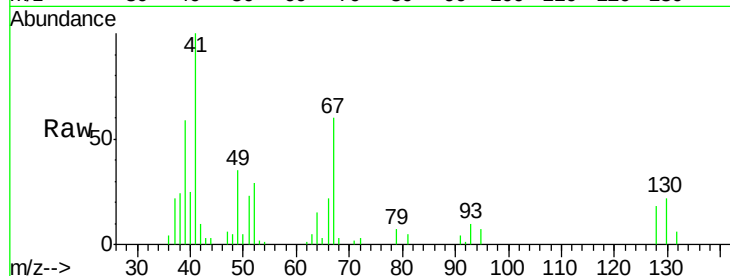




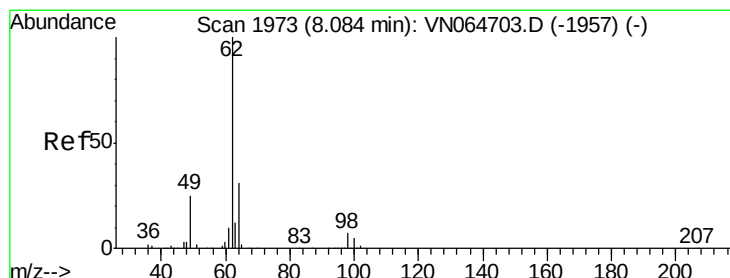
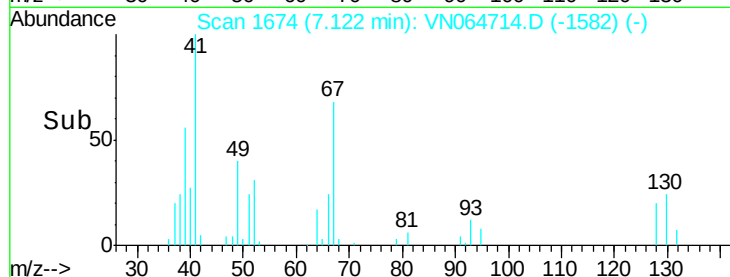
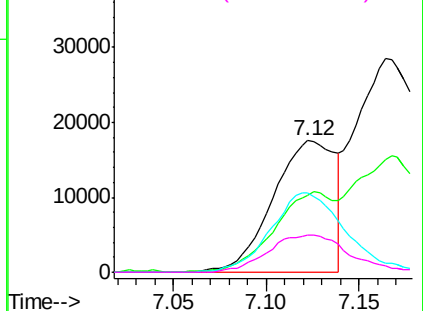
#41
Methacrylonitrile
Concen: 21.613 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tot Ion:	41	Resp:	40943
Ion	Ratio	Lower	Upper
41	100		
39	59.9	46.0	69.0
67	73.2	67.0	100.4
52	36.8	31.7	47.5

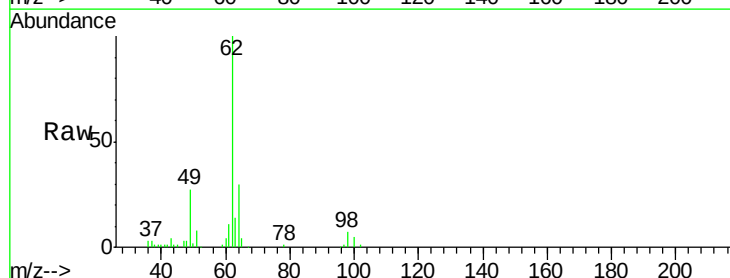


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

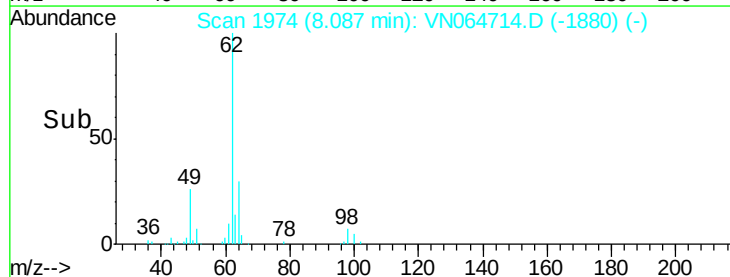
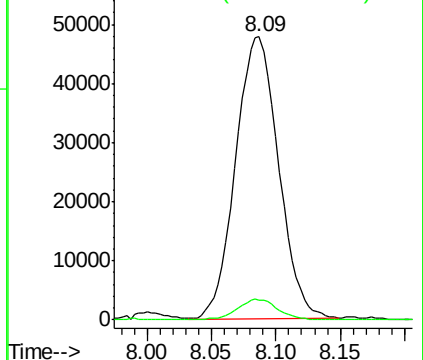


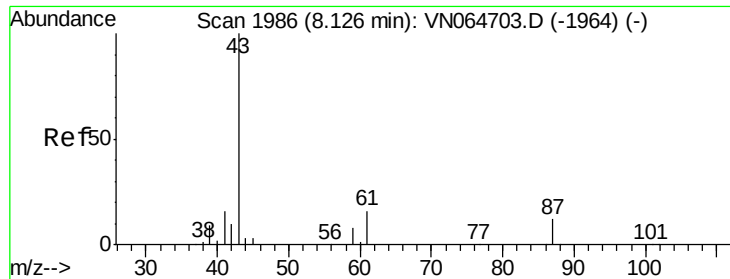
#42
1,2-Dichloroethane
Concen: 18.764 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Tgt Ion:	62	Resp:	111032
Ion	Ratio	Lower	Upper
62	100		
98	6.8	0.0	13.6



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





#43

Isopropyl Acetate

Concen: 18.315 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

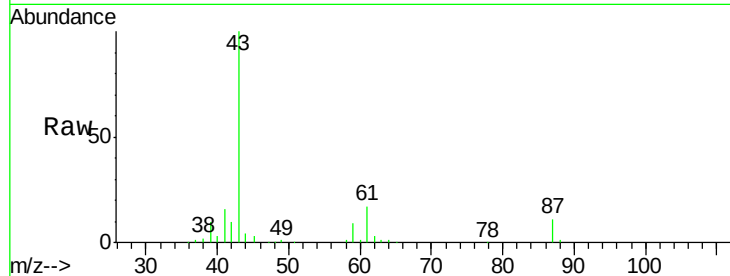
Tot Ion: 43 Resp: 146721

Ion Ratio Lower Upper

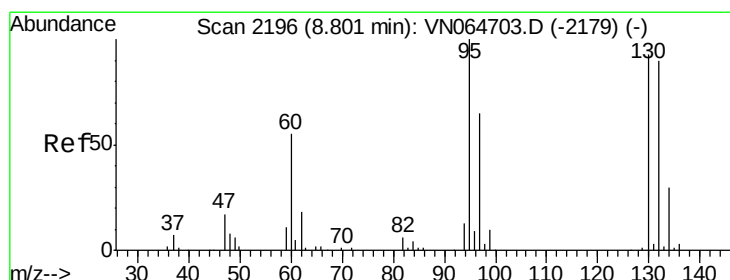
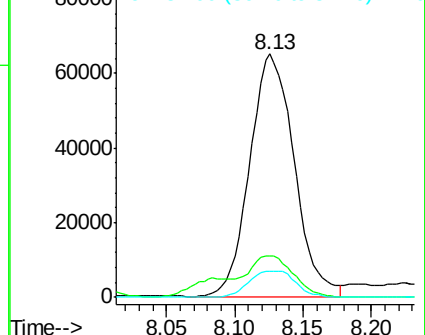
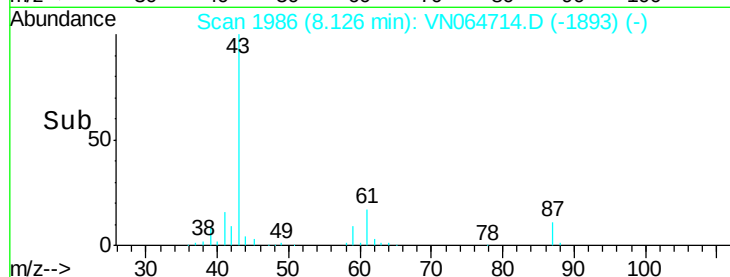
43 100

61 16.8 14.1 21.1

87 11.3 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064714.D (-1893) (-)



#44

Trichloroethene

Concen: 17.932 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064714.D

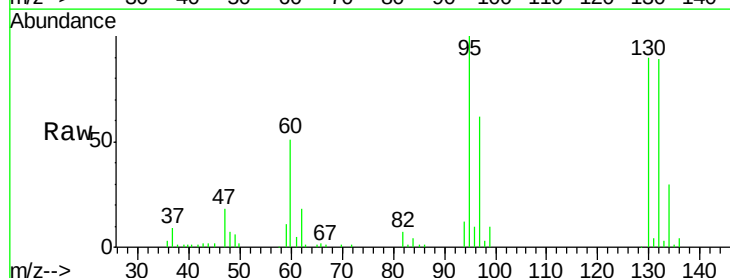
Acq: 18 Nov 2020 18:12

Tgt Ion:130 Resp: 70778

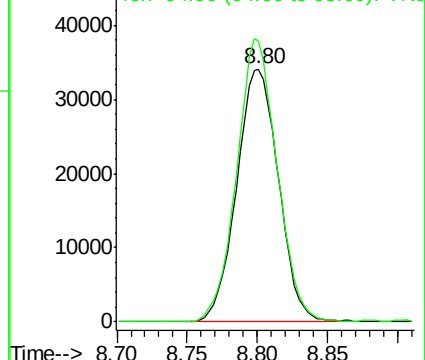
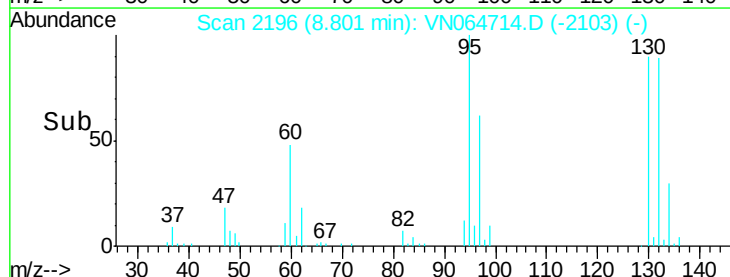
Ion Ratio Lower Upper

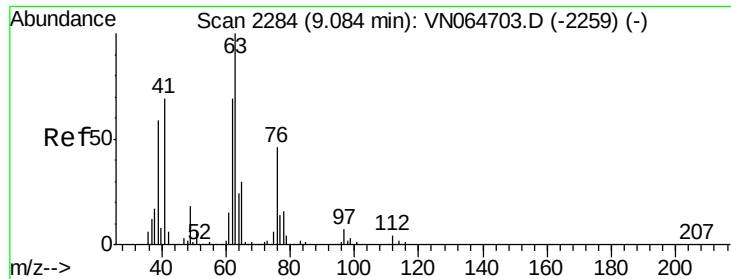
130 100

95 111.1 0.0 214.2



Abundance Ion 129.80 (129.50 to 130.50): VN064714.D (-2103) (-)

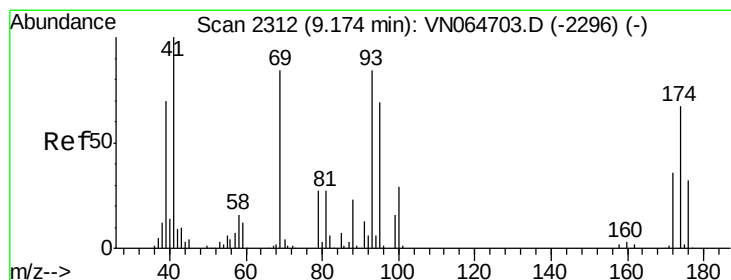
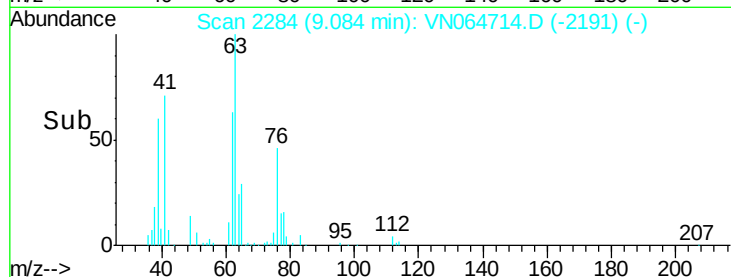
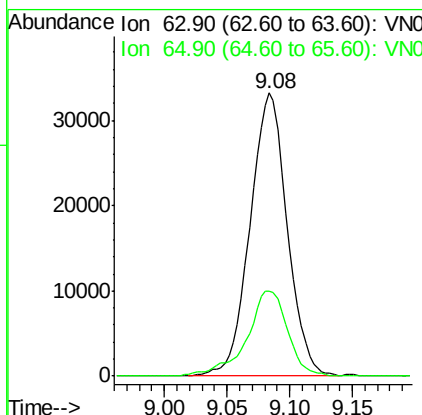
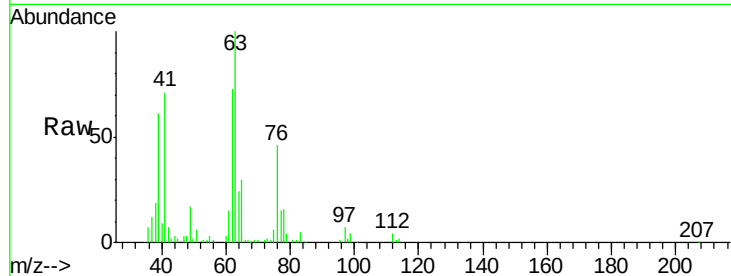




#45
 1,2-Dichloropropane
 Concen: 18.644 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

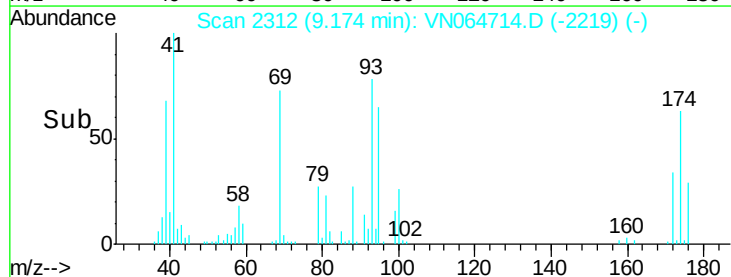
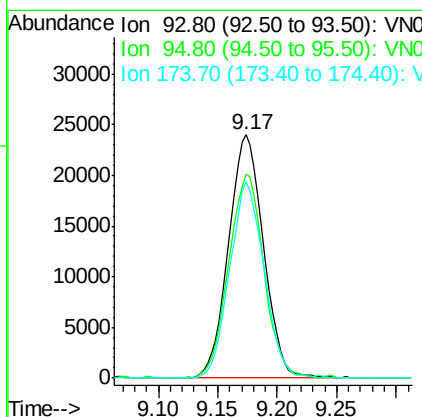
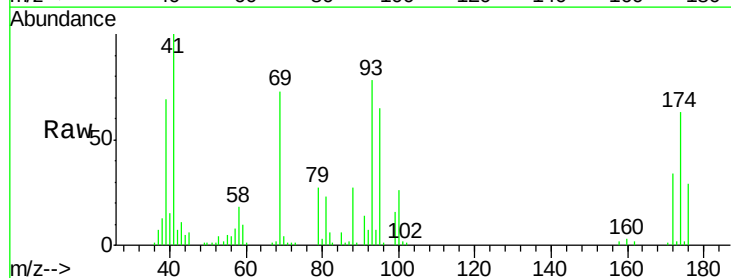
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

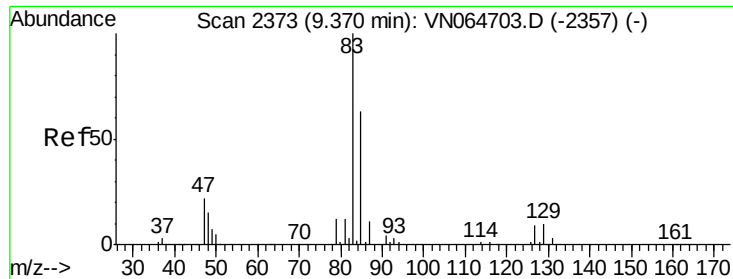
Tot Ion: 63 Resp: 68348
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.0 36.0



#46
 Dibromomethane
 Concen: 18.776 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

Tgt Ion: 93 Resp: 48792
 Ion Ratio Lower Upper
 93 100
 95 84.7 64.6 97.0
 174 79.2 64.3 96.5





#47

Bromodichloromethane

Concen: 18.907 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampled :

VN1118WBSD01

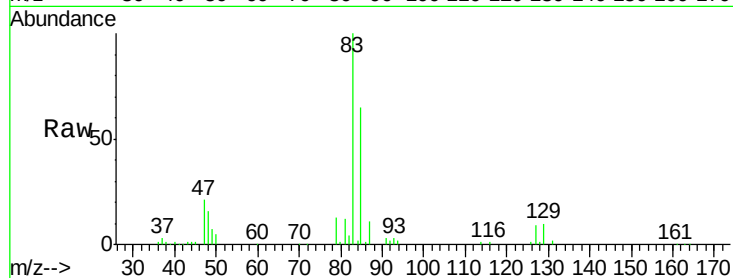
Tot Ion: 83 Resp: 103287

Ion Ratio Lower Upper

83 100

85 65.1 50.8 76.2

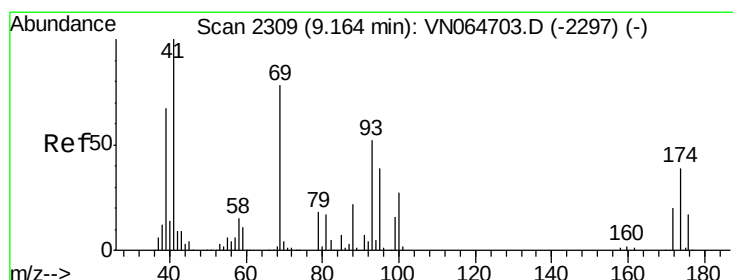
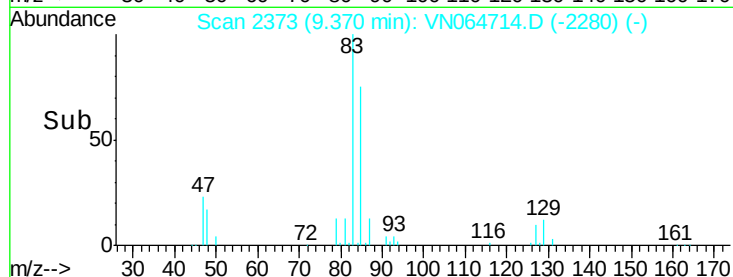
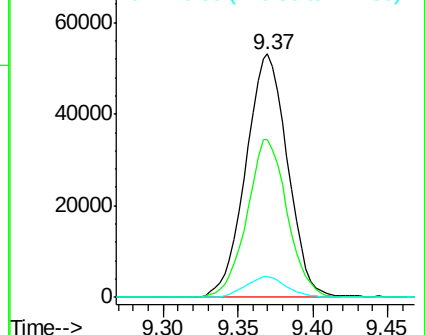
127 8.7 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VN064714.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064714.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064714.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.181 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

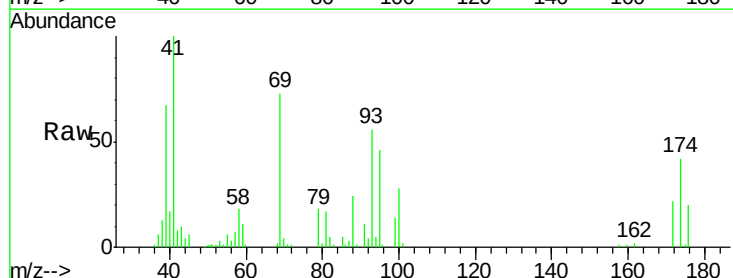
Tgt Ion: 41 Resp: 68721

Ion Ratio Lower Upper

41 100

69 76.8 62.3 93.5

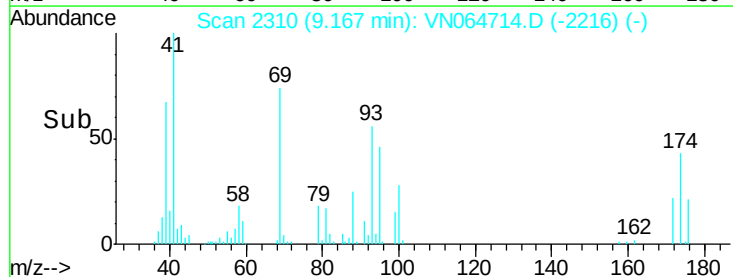
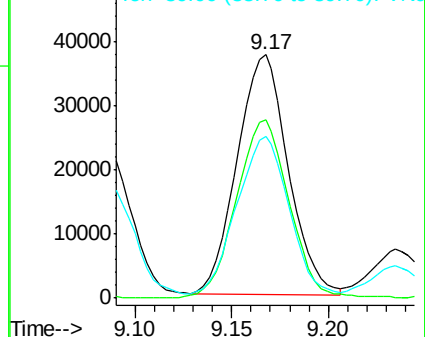
39 69.5 55.1 82.7

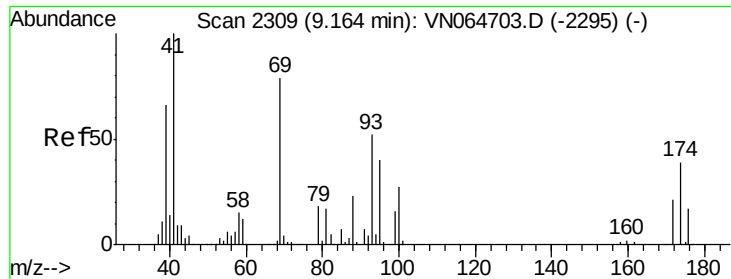


Abundance Ion 41.00 (40.70 to 41.70): VN064714.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064714.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064714.D (-2216) (-)

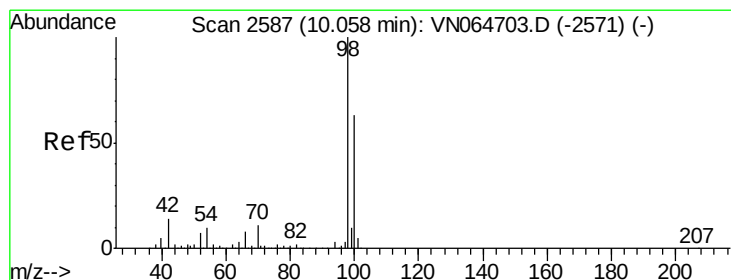
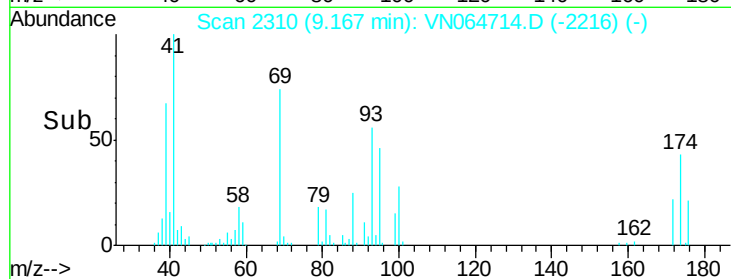
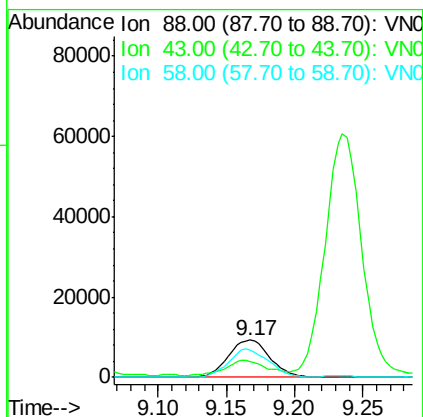
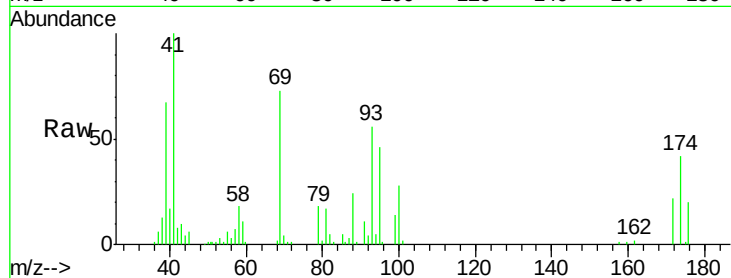




#49
1,4-Dioxane
Concen: 420.347 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

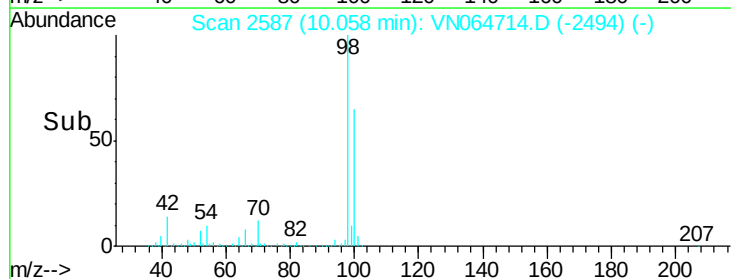
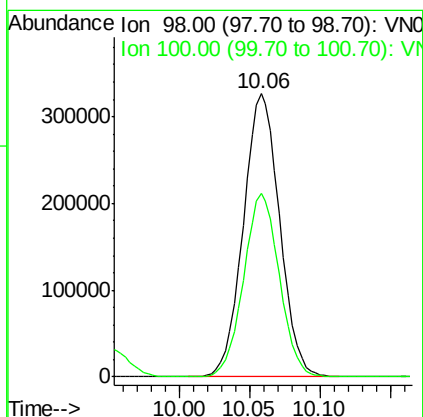
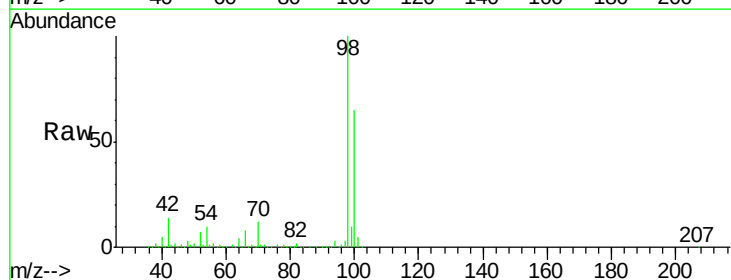
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

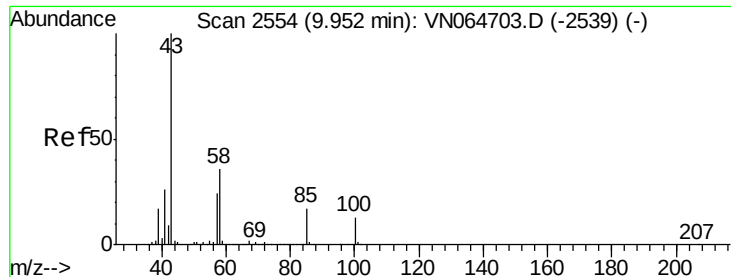
Tot Ion: 88 Resp: 19823
Ion Ratio Lower Upper
88 100
43 39.0 31.3 46.9
58 71.8 55.7 83.5



#50
Toluene-d8
Concen: 47.473 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Tgt Ion: 98 Resp: 589173
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 92.726 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampled :

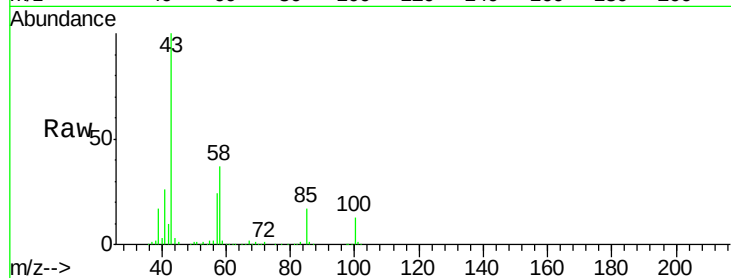
VN1118WBSD01

Tot Ion: 43 Resp: 429300

Ion Ratio Lower Upper

43 100

58 35.6 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN064714.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN064714.D (-2461) (-)

9.95

250000

200000

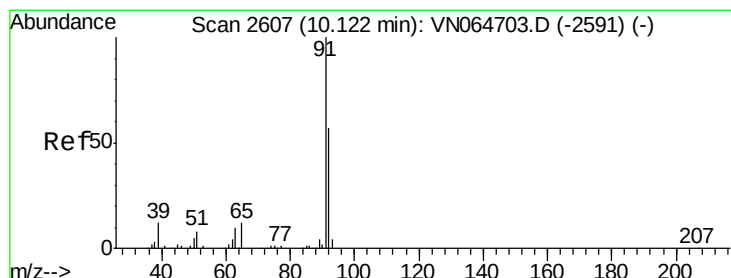
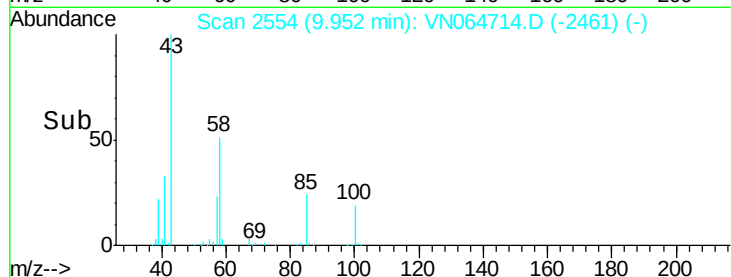
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.259 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064714.D

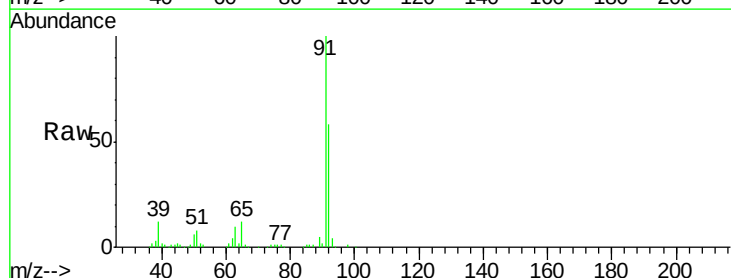
Acq: 18 Nov 2020 18:12

Tgt Ion: 92 Resp: 163132

Ion Ratio Lower Upper

92 100

91 175.9 141.2 211.8



Abundance Ion 92.00 (91.70 to 92.70): VN064714.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN064714.D (-2514) (-)

10.12

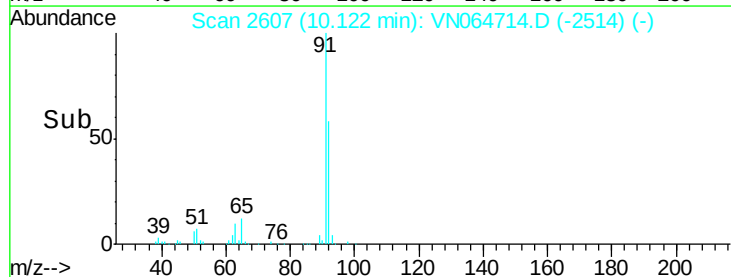
150000

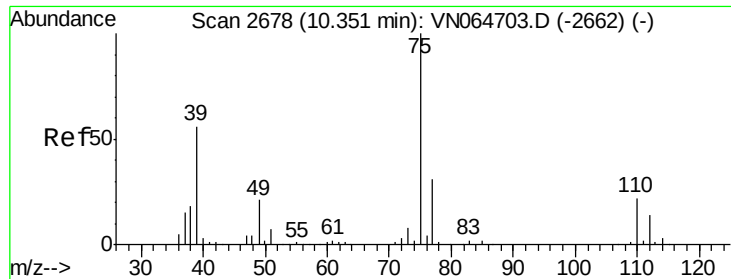
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.973 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

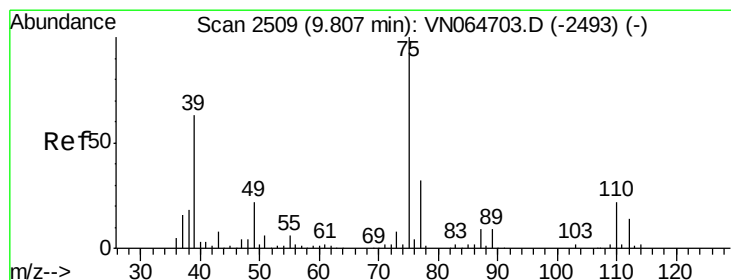
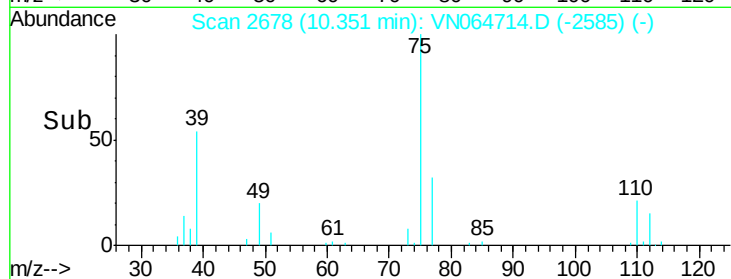
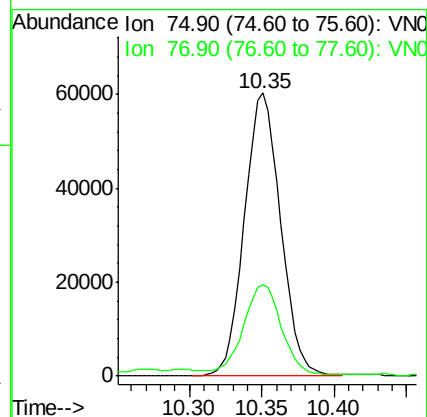
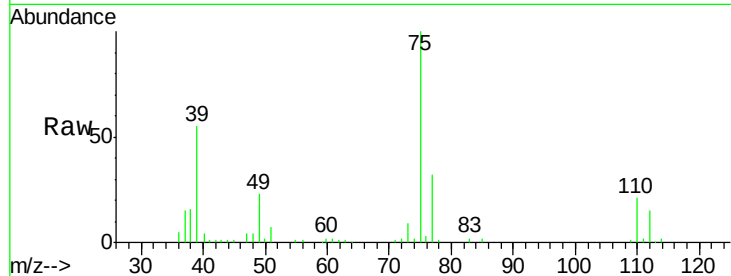
VN1118WBSD01

Tot Ion: 75 Resp: 105081

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 18.452 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

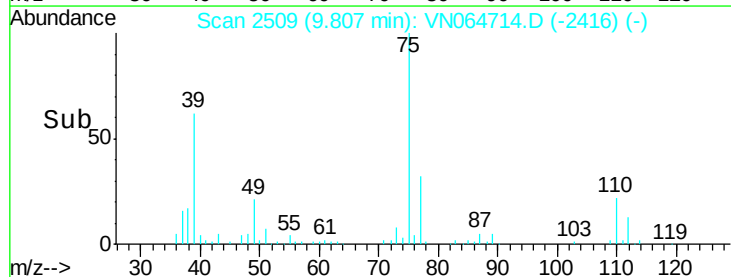
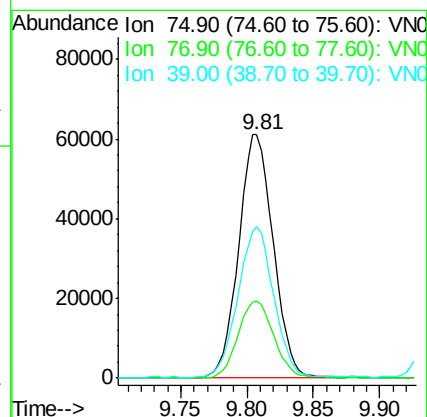
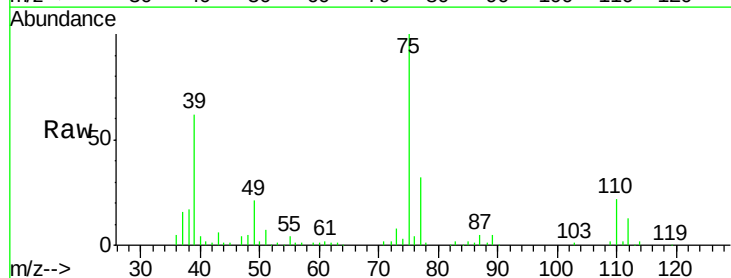
Tgt Ion: 75 Resp: 111085

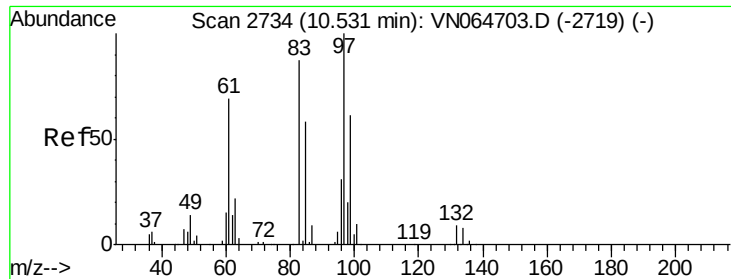
Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

39 61.7 50.5 75.7





#55

1,1,2-Trichloroethane

Concen: 19.103 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

Tot Ion: 97 Resp: 64900

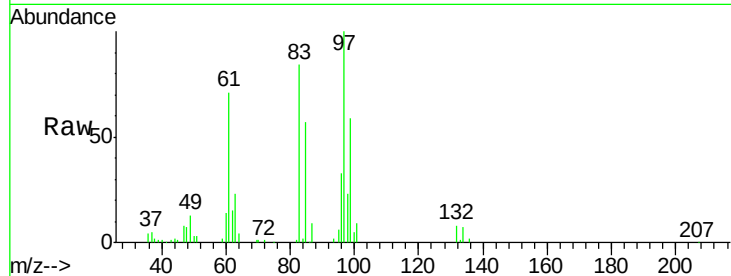
Ion Ratio Lower Upper

97 100

83 83.9 69.6 104.4

85 56.5 46.6 70.0

99 59.4 48.9 73.3

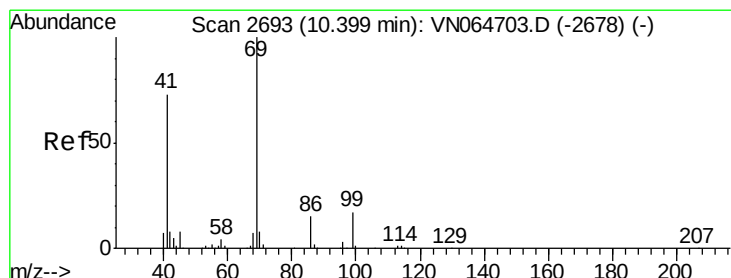
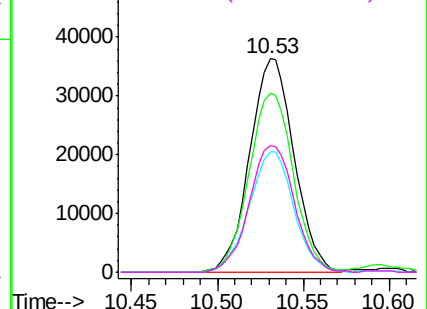
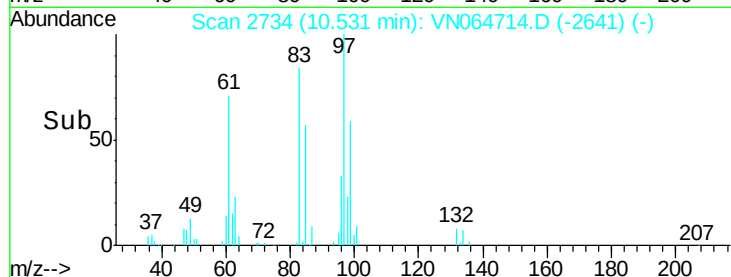


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.983 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

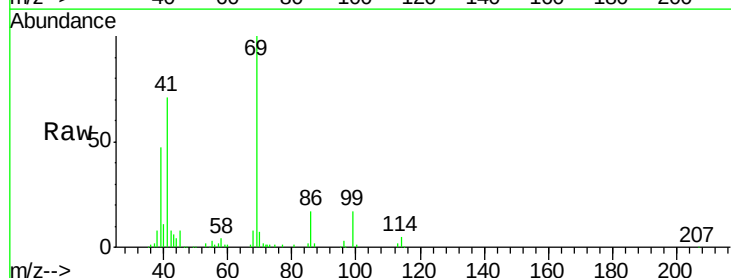
Tgt Ion: 69 Resp: 90195

Ion Ratio Lower Upper

69 100

41 72.3 59.0 88.4

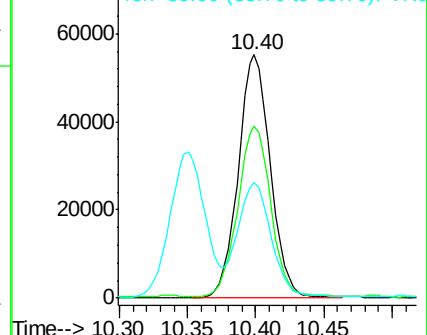
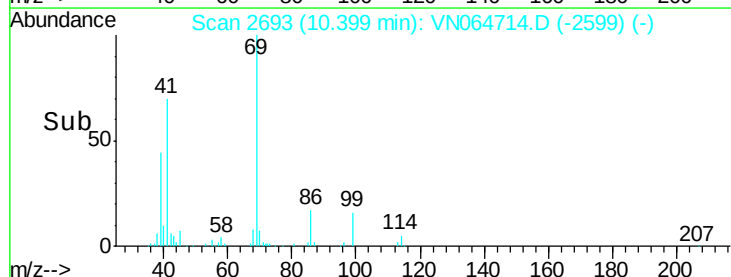
39 48.6 38.4 57.6

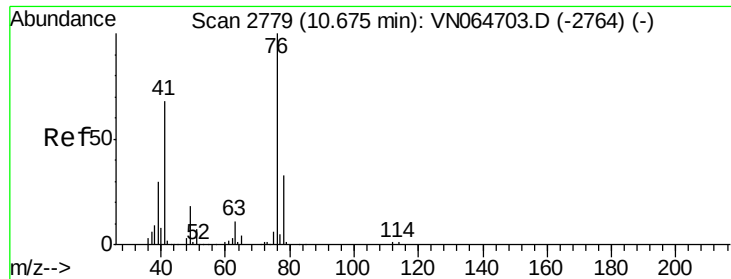


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

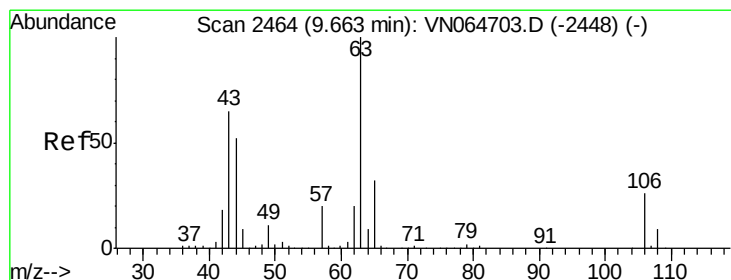
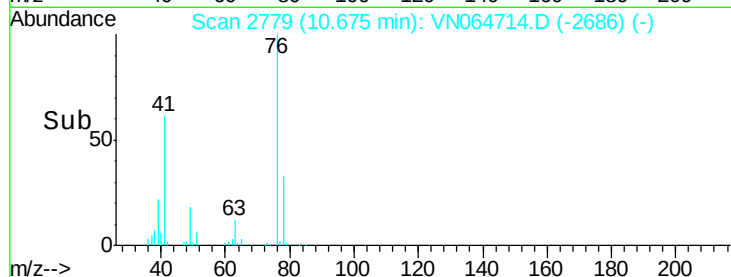
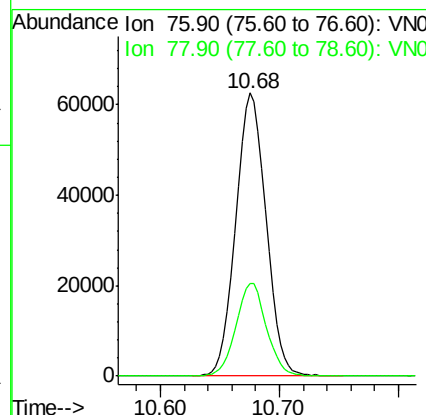
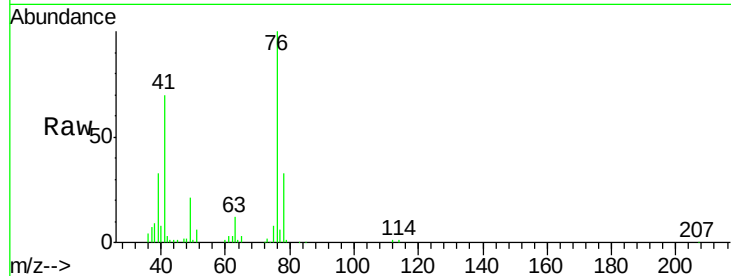




#57
 1,3-Dichloropropane
 Concen: 18.824 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

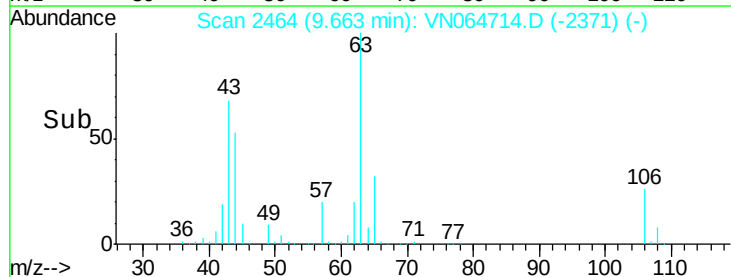
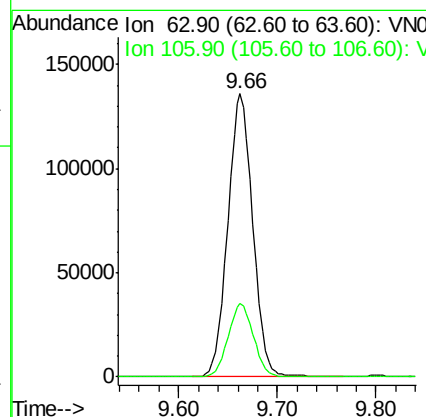
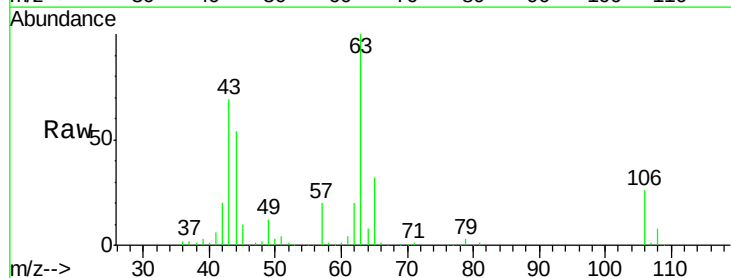
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

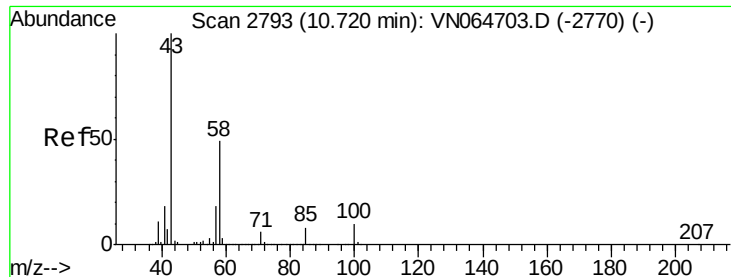
Tot Ion: 76 Resp: 110782
 Ion Ratio Lower Upper
 76 100
 78 32.9 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 88.144 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

Tgt Ion: 63 Resp: 241109
 Ion Ratio Lower Upper
 63 100
 106 26.3 20.9 31.3

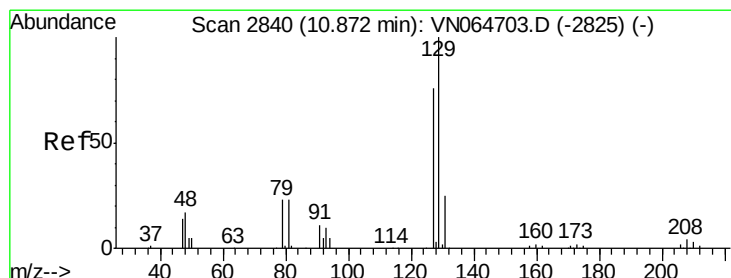
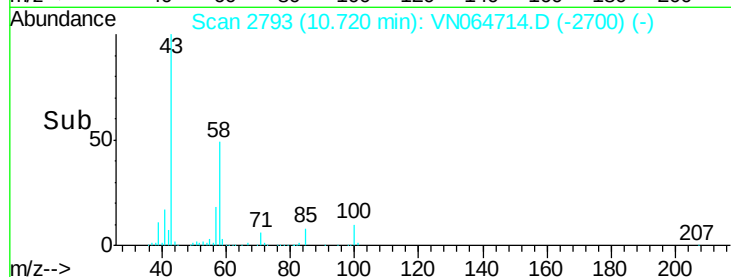
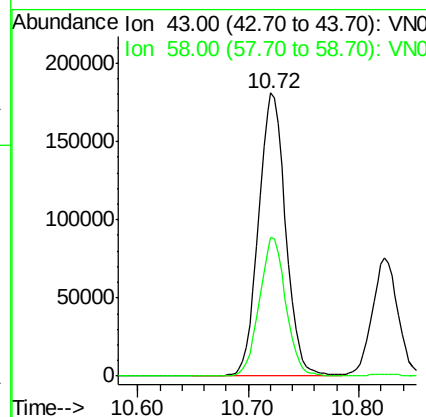
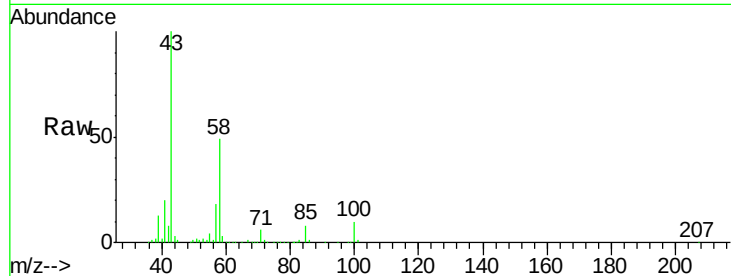




#59
2-Hexanone
Concen: 92.063 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

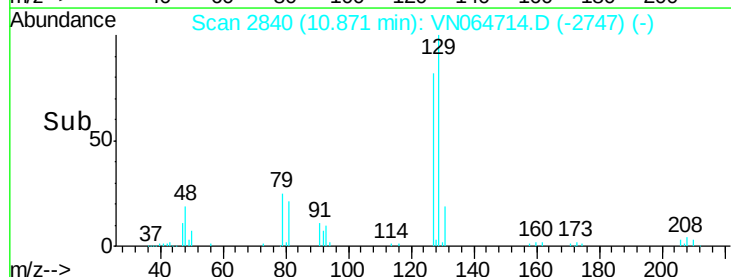
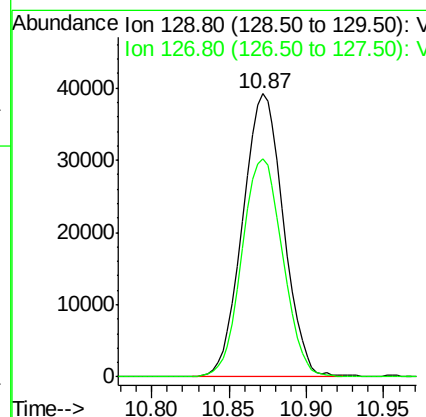
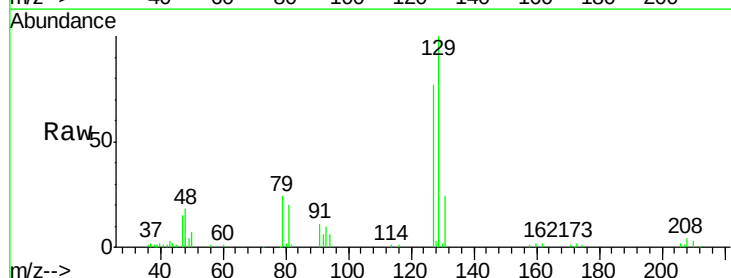
Instrument :
MSVOA_N
ClientSampled :
VN1118WBSD01

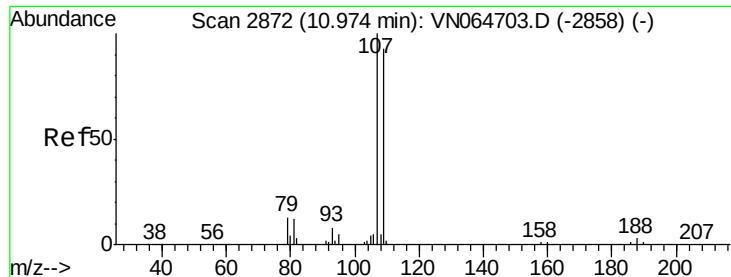
Tot Ion: 43 Resp: 307455
Ion Ratio Lower Upper
43 100
58 47.9 24.4 73.4



#60
Dibromochloromethane
Concen: 18.345 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Tgt Ion: 129 Resp: 72006
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.4

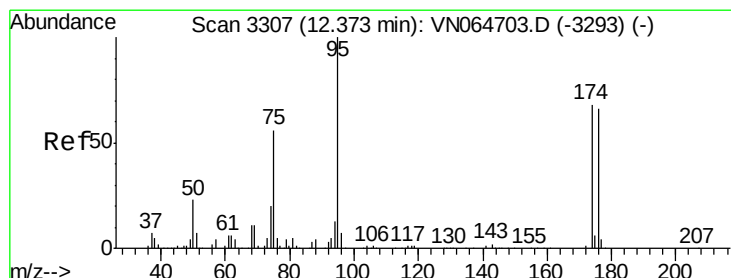
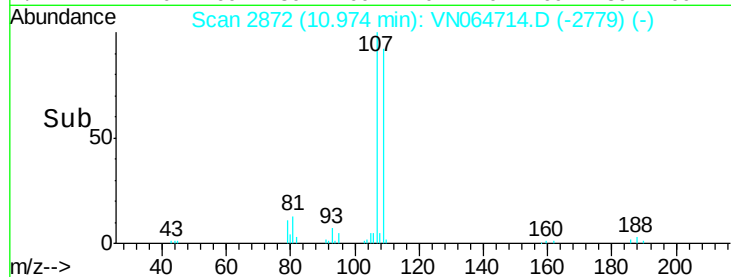
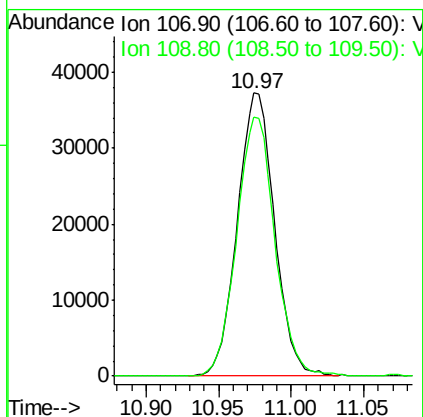
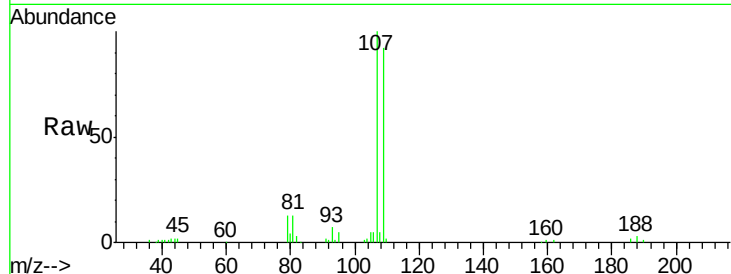




#61
 1,2-Dibromoethane
 Concen: 18.323 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

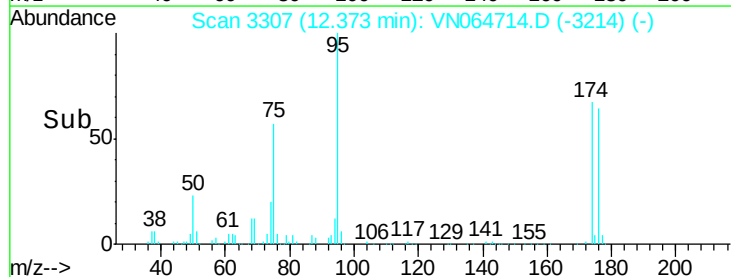
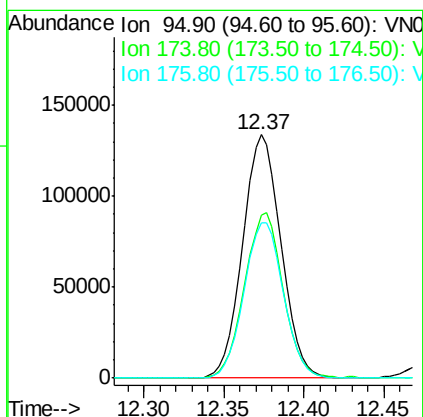
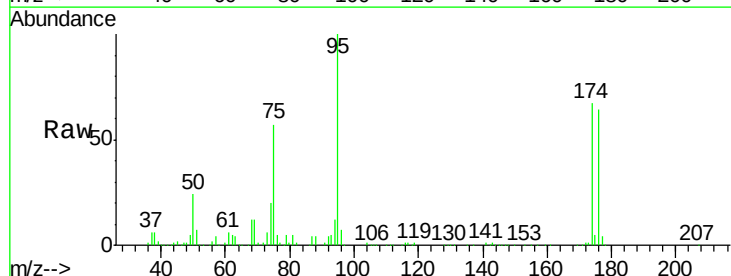
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

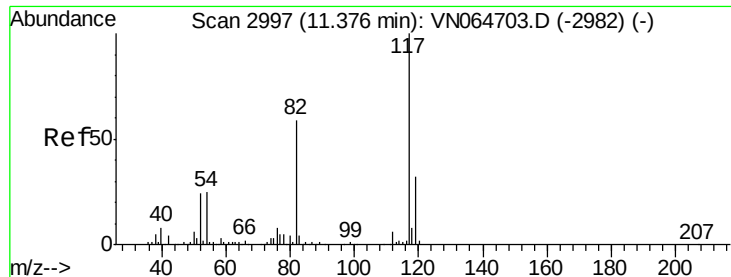
Tot Ion:107 Resp: 66396
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.2 111.4



#62
 4-Bromofluorobenzene
 Concen: 47.149 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

Tgt Ion: 95 Resp: 218717
 Ion Ratio Lower Upper
 95 100
 174 68.0 0.0 136.8
 176 65.8 0.0 134.2

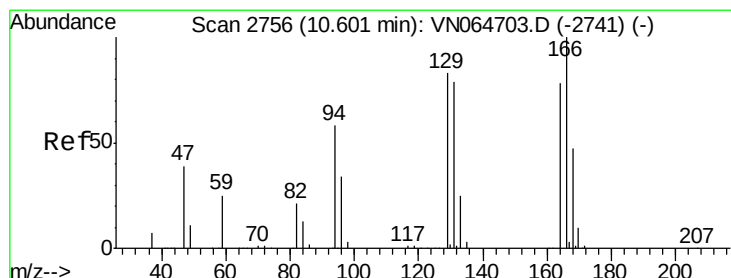
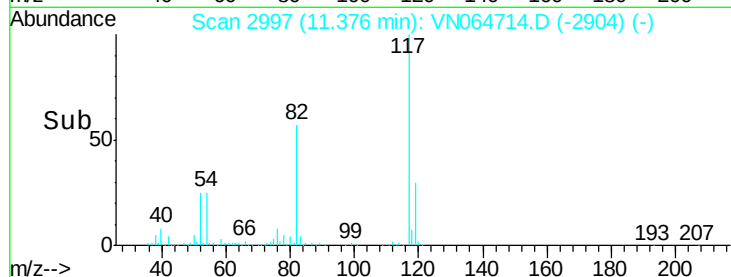
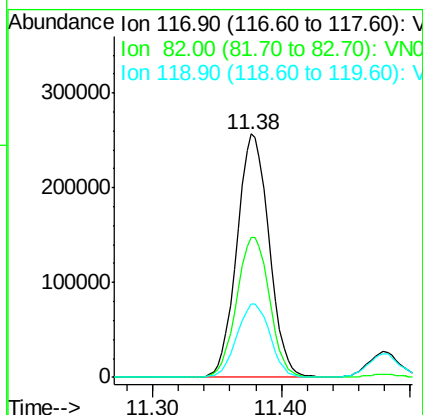
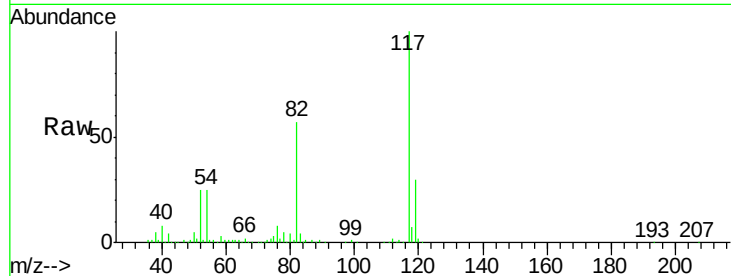




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

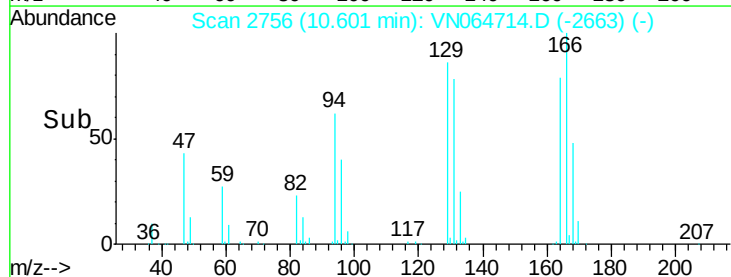
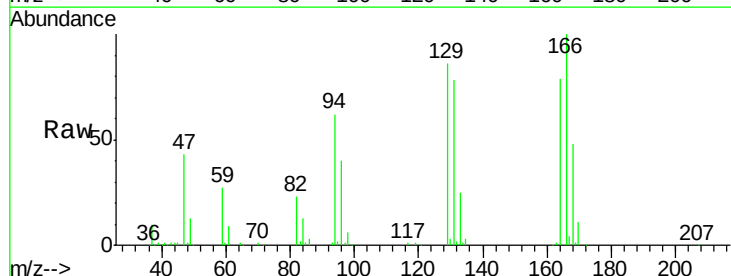
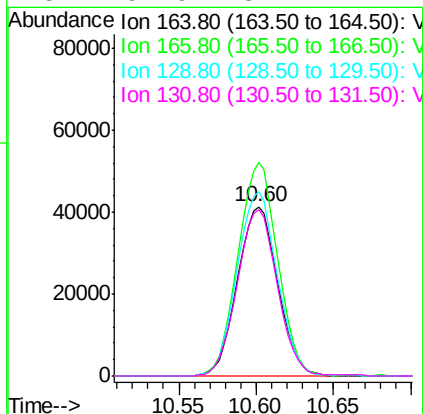
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

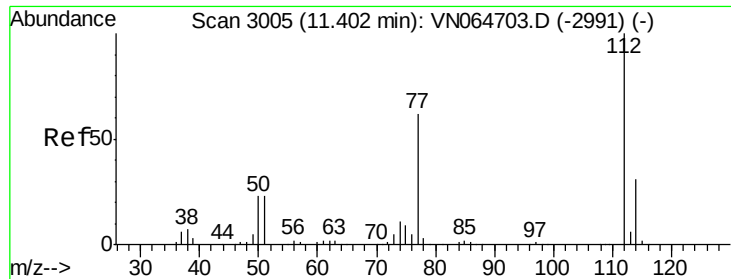
Tot Ion:117 Resp: 445514
Ion Ratio Lower Upper
117 100
82 57.5 47.0 70.6
119 30.2 25.4 38.2



#64
Tetrachloroethene
Concen: 18.969 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Tgt Ion:164 Resp: 74918
Ion Ratio Lower Upper
164 100
166 126.1 102.2 153.4
129 108.9 84.7 127.1
131 97.9 81.1 121.7

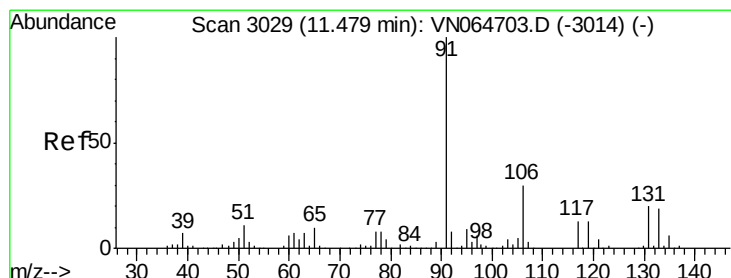
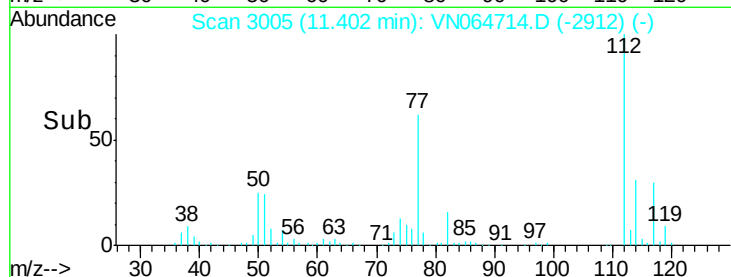
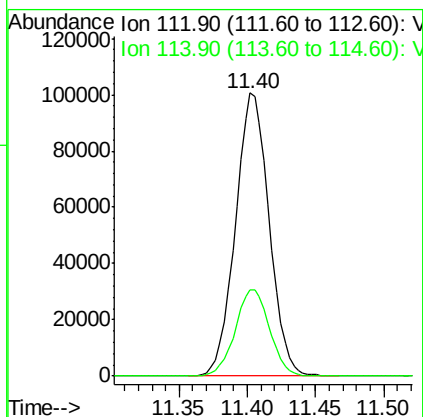
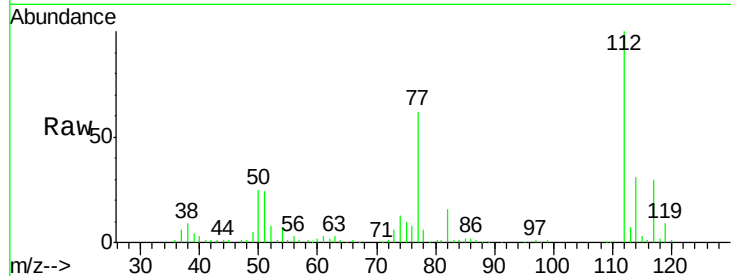




#65
Chlorobenzene
Concen: 18.214 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

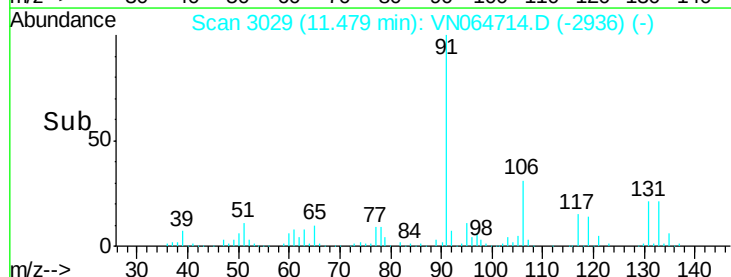
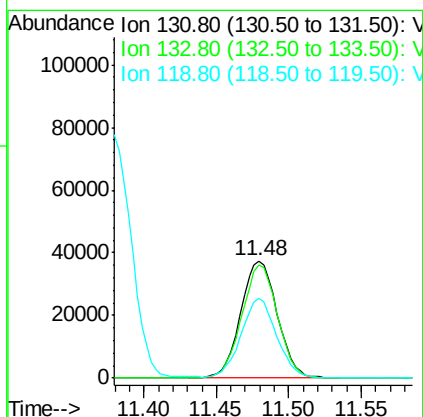
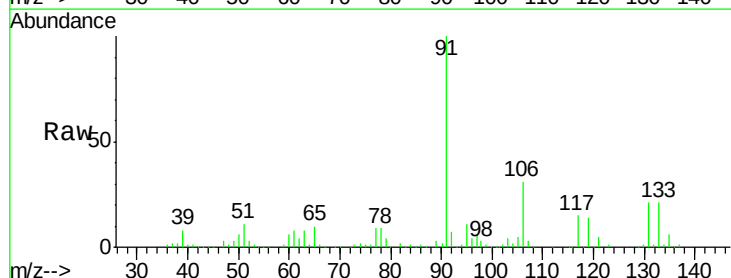
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

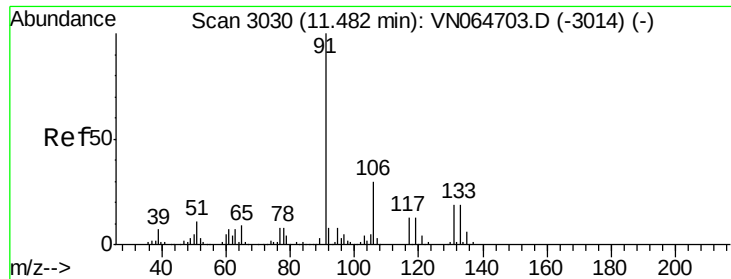
Tot Ion:112 Resp: 172610
Ion Ratio Lower Upper
112 100
114 30.5 24.7 37.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.584 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Tgt Ion:131 Resp: 65806
Ion Ratio Lower Upper
131 100
133 94.5 48.8 146.4
119 65.8 33.5 100.4

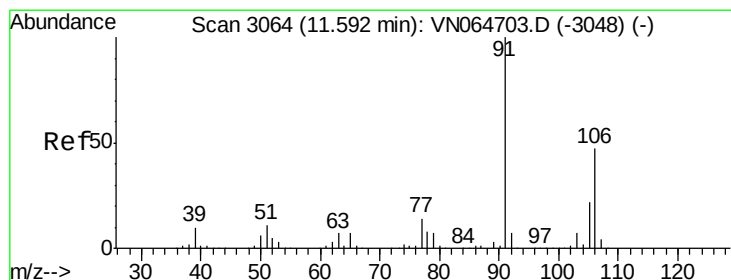
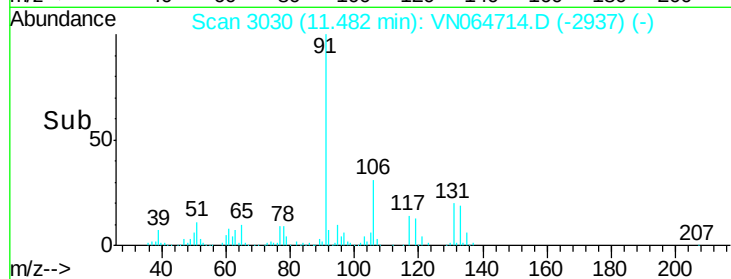
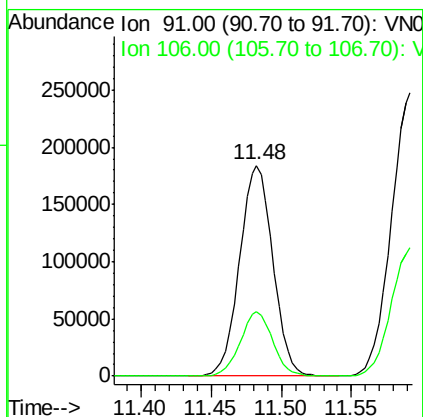
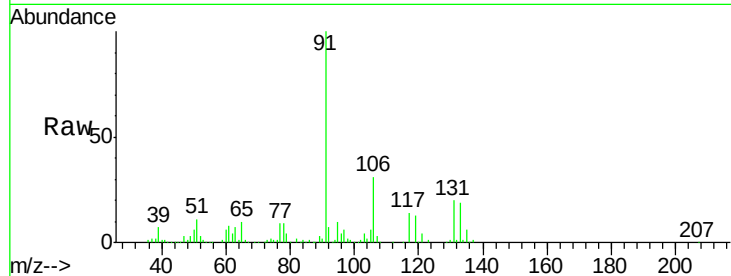




#67
Ethyl Benzene
Concen: 18.172 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

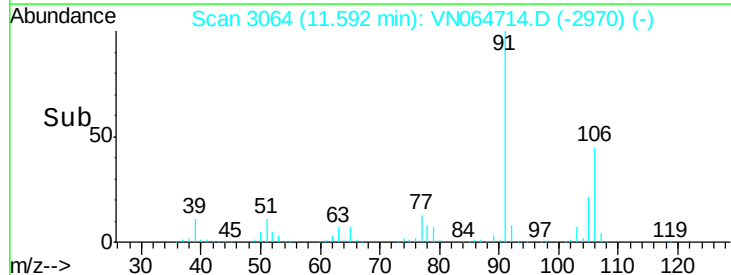
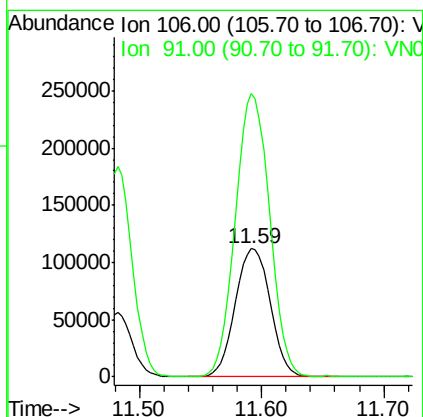
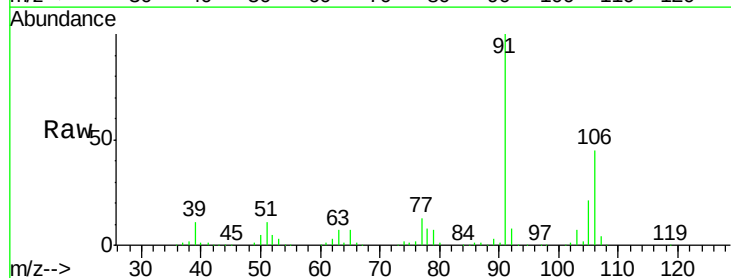
Instrument :
MSVOA_N
ClientSampled :
VN1118WBSD01

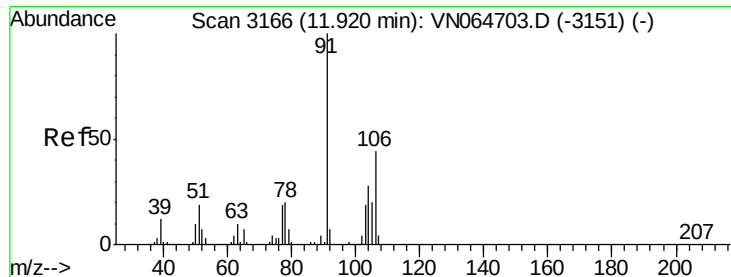
Tot Ion: 91 Resp: 303643
Ion Ratio Lower Upper
91 100
106 30.6 23.9 35.9



#68
m/p-Xylenes
Concen: 35.425 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. 0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Tgt Ion: 106 Resp: 221811
Ion Ratio Lower Upper
106 100
91 215.6 171.9 257.9

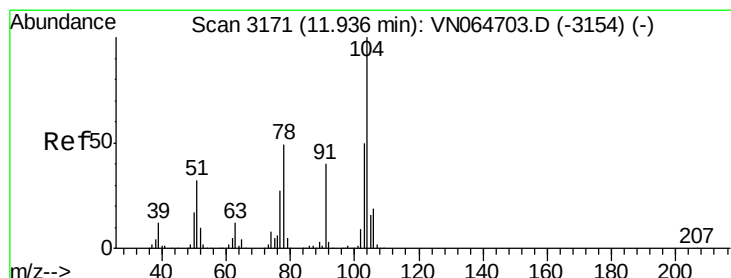
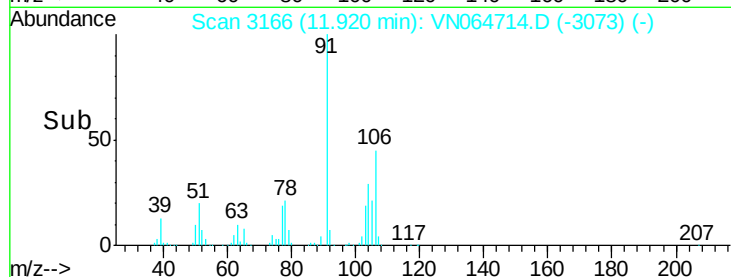
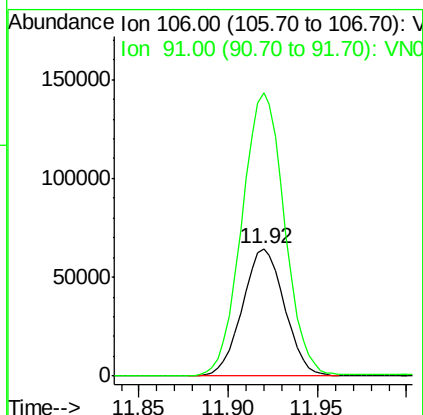
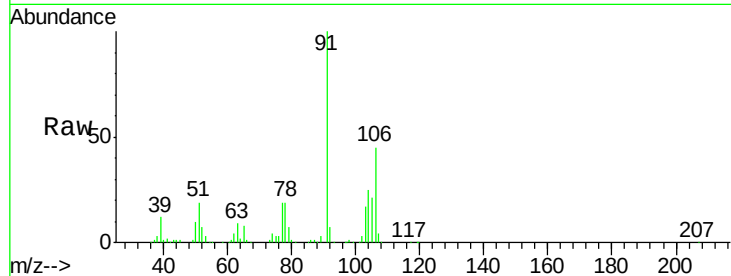




#69
o-Xylene
Concen: 18.220 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

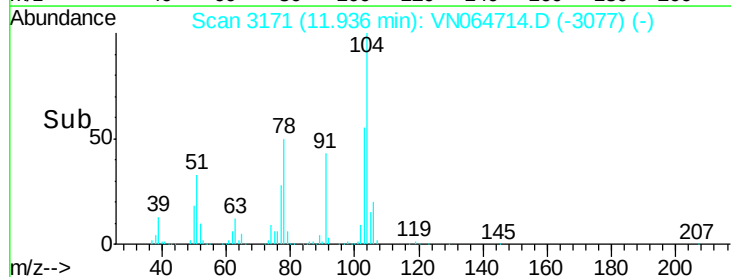
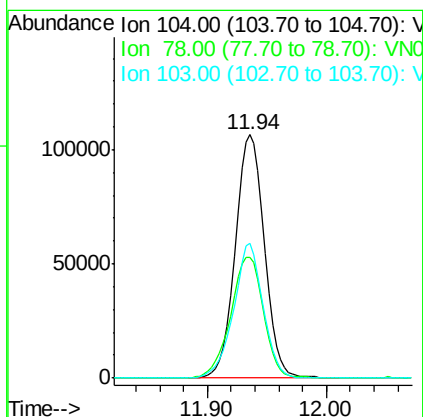
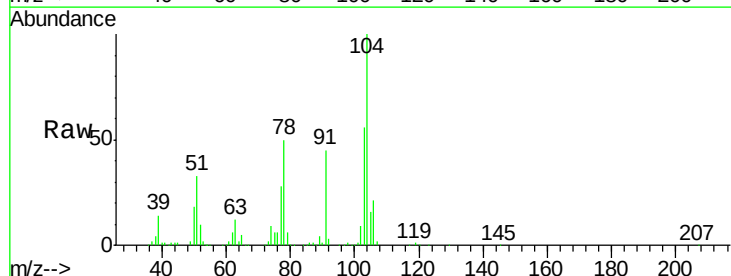
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

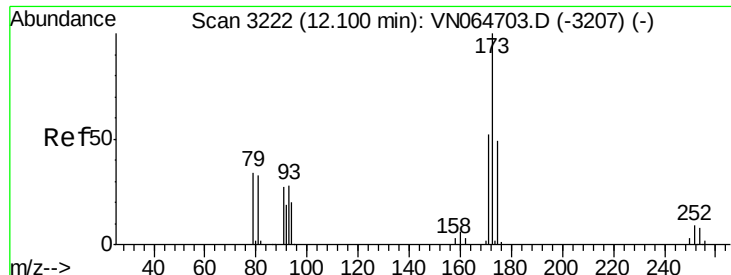
Tot Ion:106 Resp: 106216
Ion Ratio Lower Upper
106 100
91 224.6 112.1 336.3



#70
Styrene
Concen: 17.632 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Tgt Ion:104 Resp: 180794
Ion Ratio Lower Upper
104 100
78 56.2 44.1 66.1
103 55.9 43.7 65.5





#71

Bromoform

Concen: 17.693 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

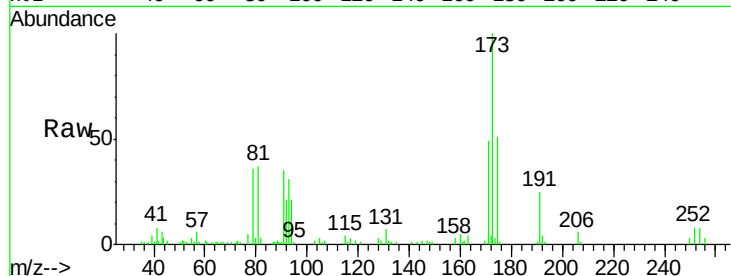
Tot Ion:173 Resp: 44127

Ion Ratio Lower Upper

173 100

175 51.5 24.3 72.9

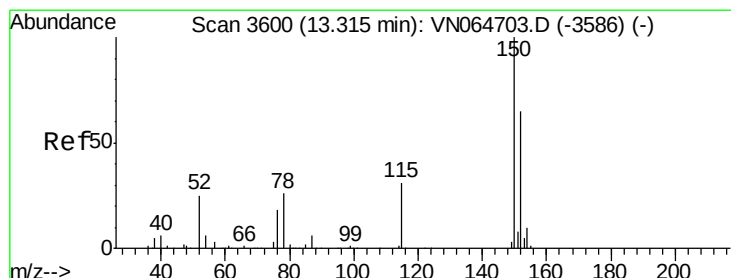
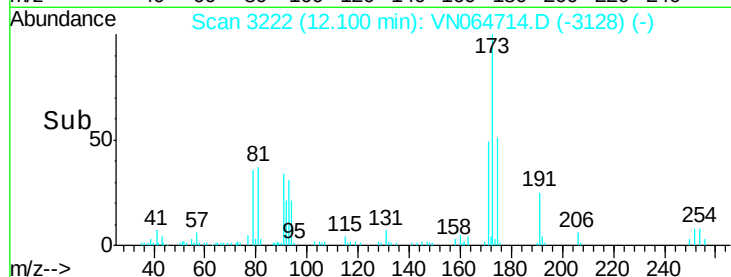
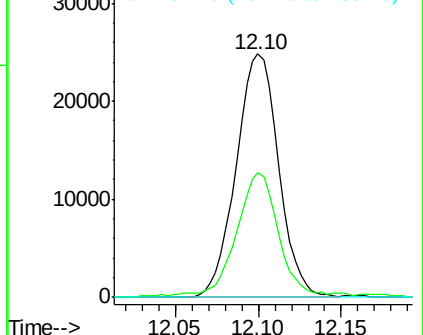
254 0.0 0.1 0.1#



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# 3600

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

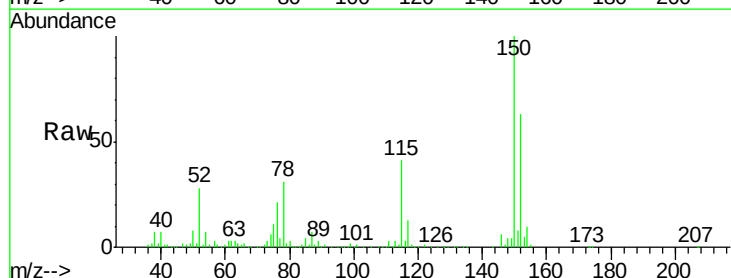
Tgt Ion:152 Resp: 201296

Ion Ratio Lower Upper

152 100

115 65.3 32.1 96.3

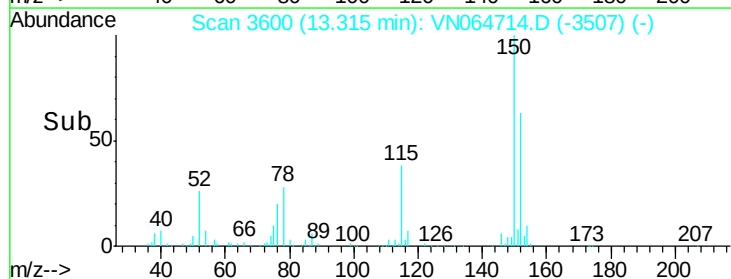
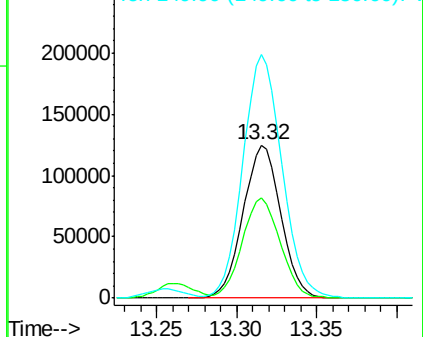
150 164.1 0.0 344.8

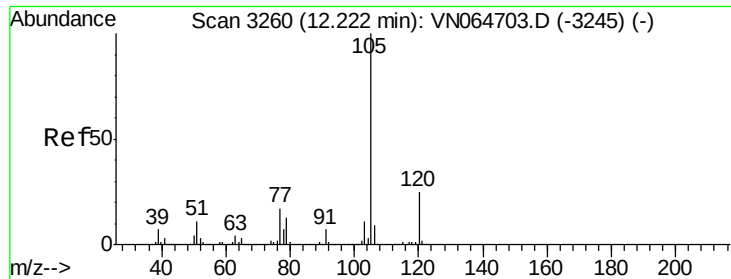


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.649 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

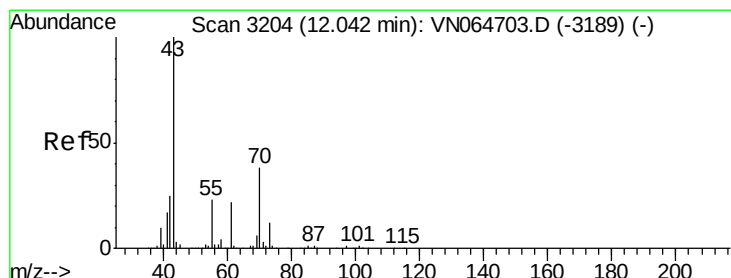
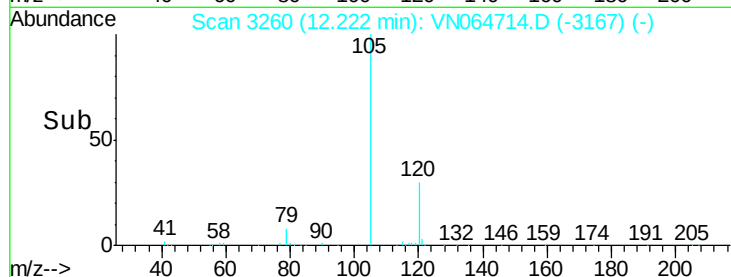
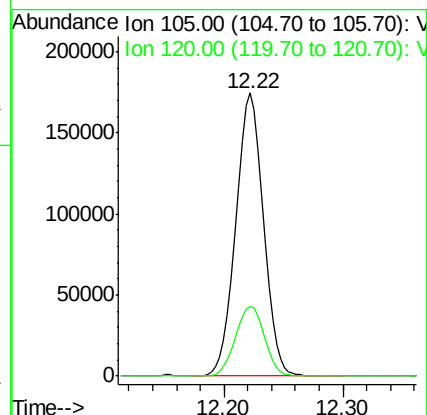
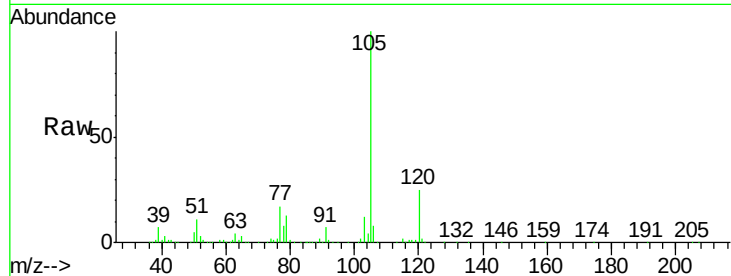
VN1118WBSD01

Tot Ion:105 Resp: 280821

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 19.606 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Tgt Ion: 43 Resp: 130862

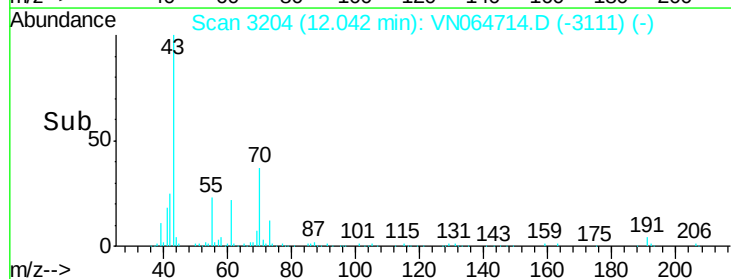
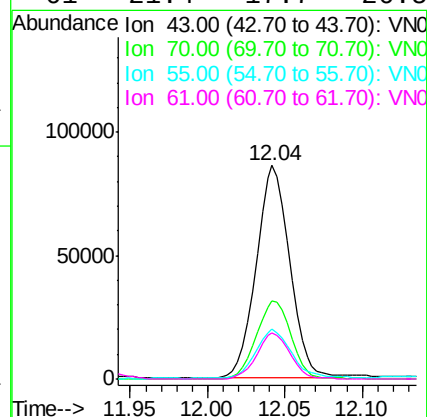
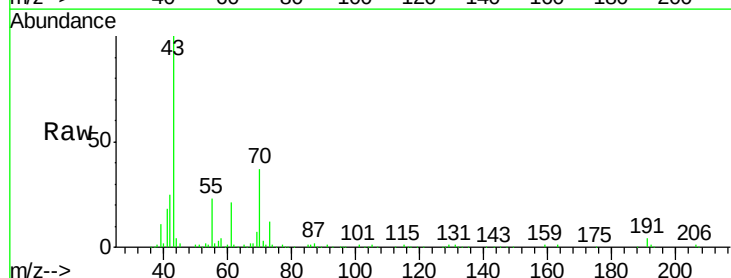
Ion Ratio Lower Upper

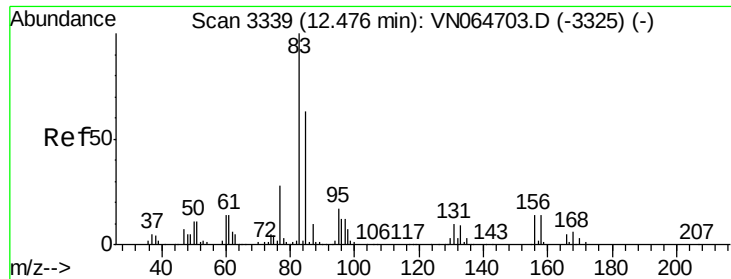
43 100

70 37.8 30.3 45.5

55 24.6 18.9 28.3

61 21.4 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.160 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

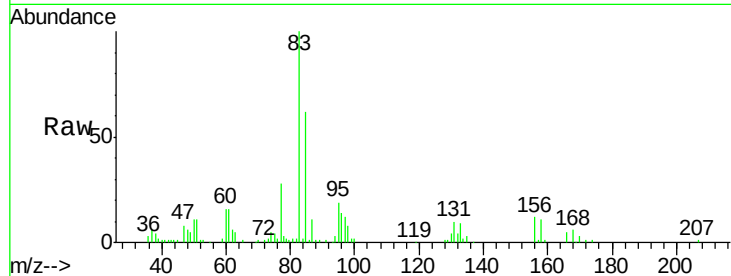
Tot Ion: 83 Resp: 76558

Ion Ratio Lower Upper

83 100

131 10.6 5.0 15.0

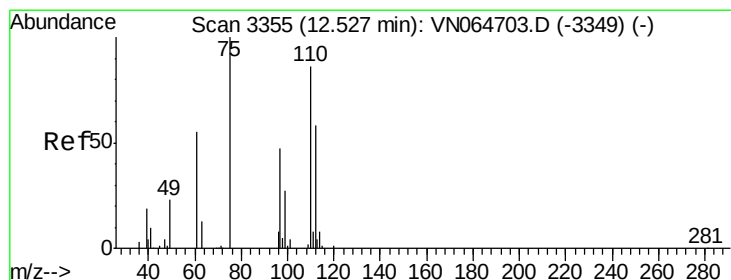
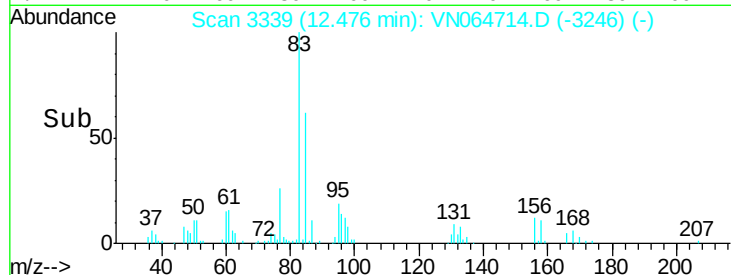
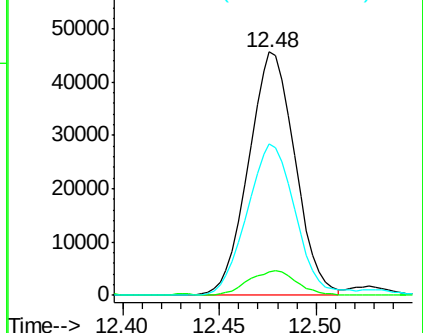
85 64.6 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN064714.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064714.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064714.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 28.097 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064714.D

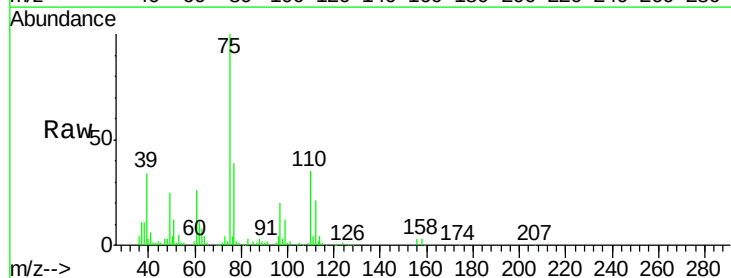
Acq: 18 Nov 2020 18:12

Tgt Ion: 75 Resp: 121864

Ion Ratio Lower Upper

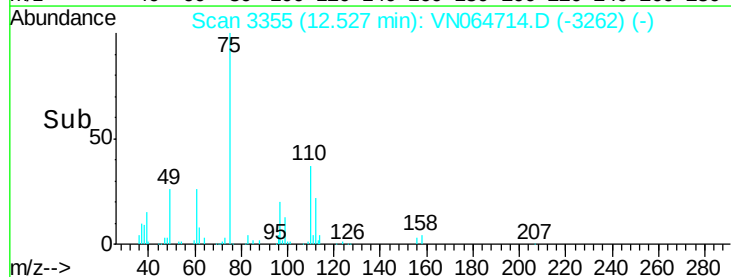
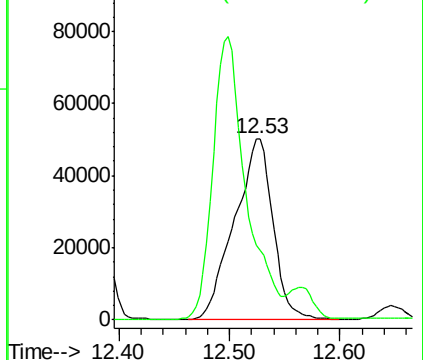
75 100

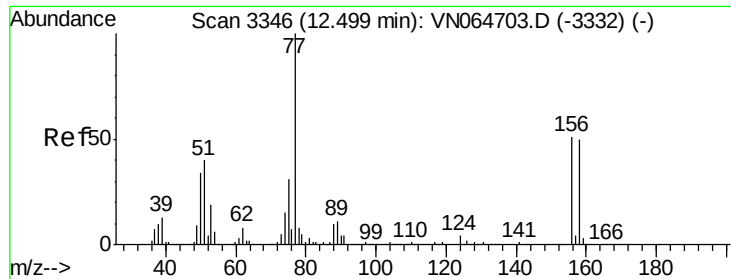
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064714.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064714.D (-3262) (-)





#77

Bromobenzene

Concen: 19.415 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampled :

VN1118WBSD01

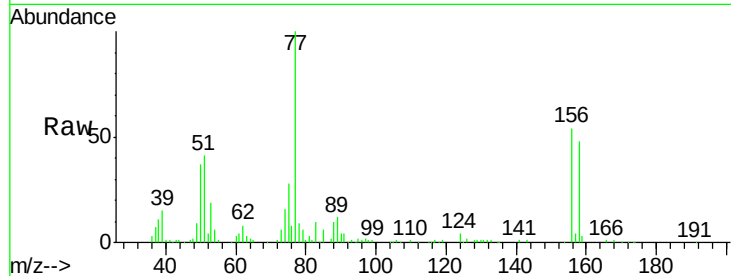
Tot Ion:156 Resp: 69983

Ion Ratio Lower Upper

156 100

77 233.9 117.3 351.9

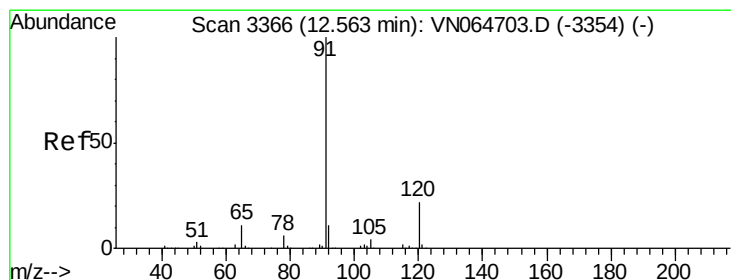
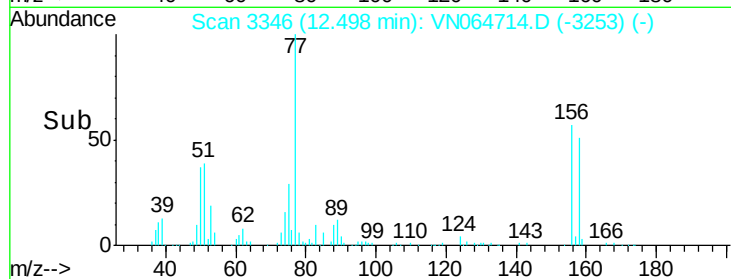
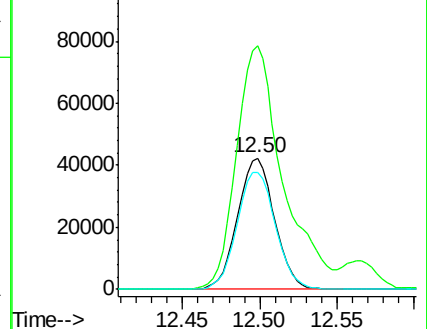
158 93.4 49.0 147.2



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: 19.594 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064714.D

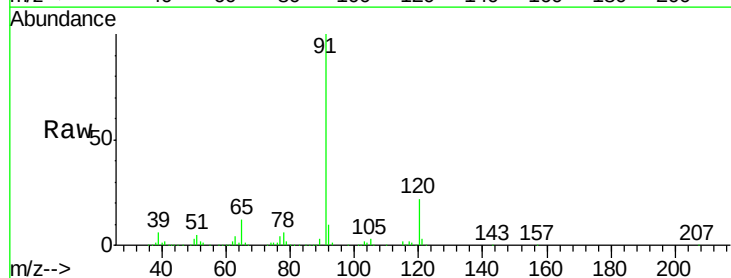
Acq: 18 Nov 2020 18:12

Tgt Ion: 91 Resp: 326119

Ion Ratio Lower Upper

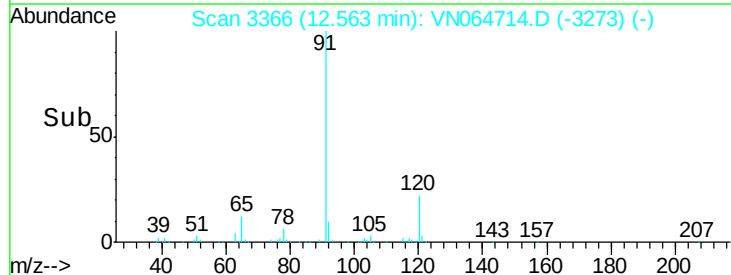
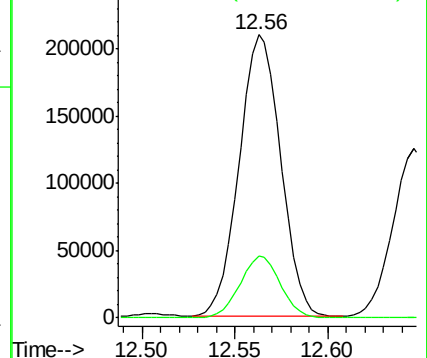
91 100

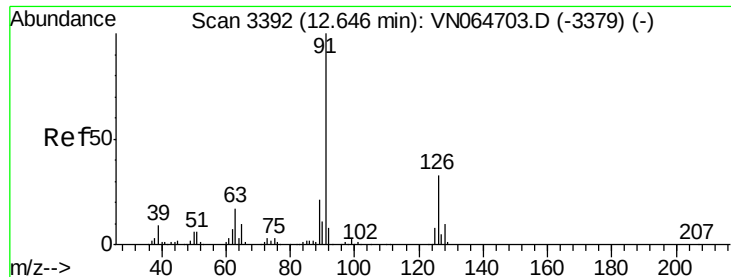
120 21.5 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.672 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

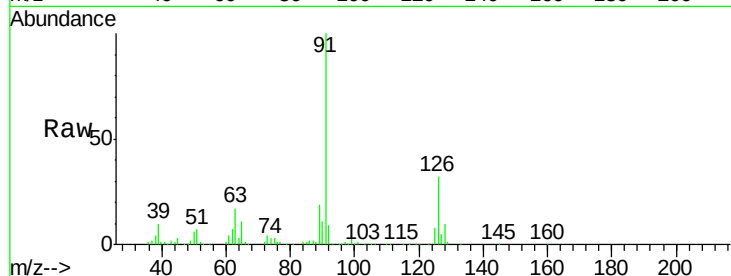
VN1118WBSD01

Tot Ion: 91 Resp: 198908

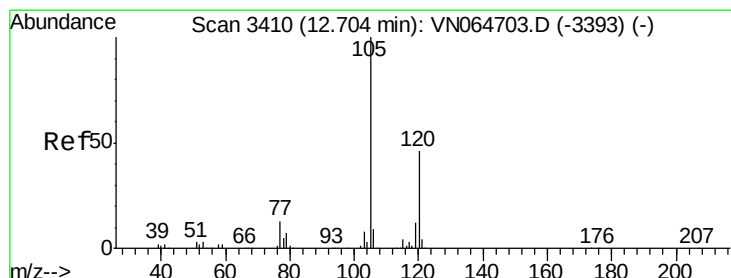
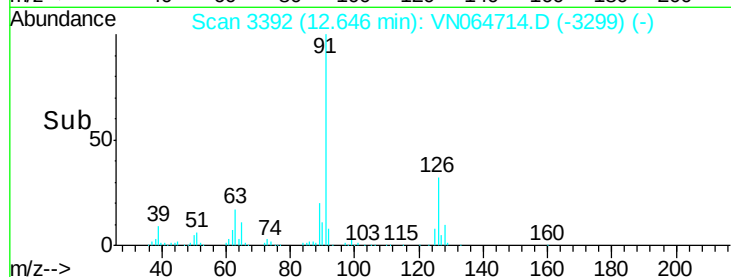
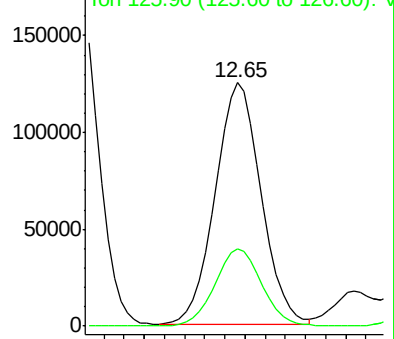
Ion Ratio Lower Upper

91 100

126 32.8 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN064714.D (-3299) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.183 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064714.D

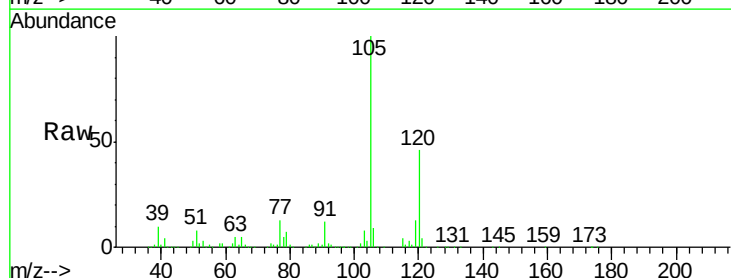
Acq: 18 Nov 2020 18:12

Tgt Ion: 105 Resp: 239617

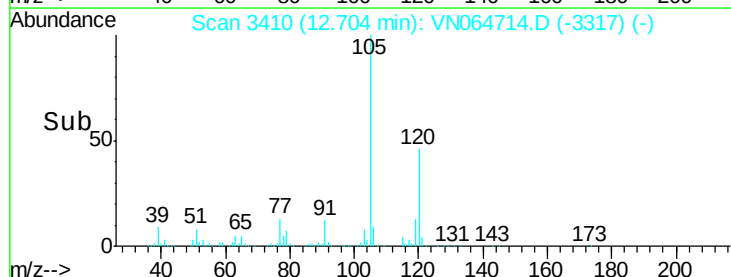
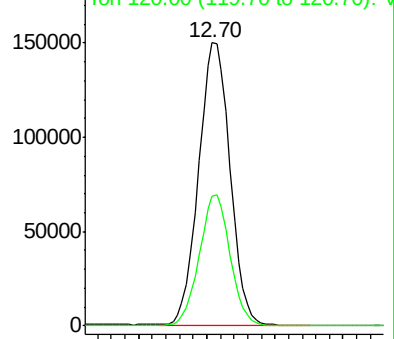
Ion Ratio Lower Upper

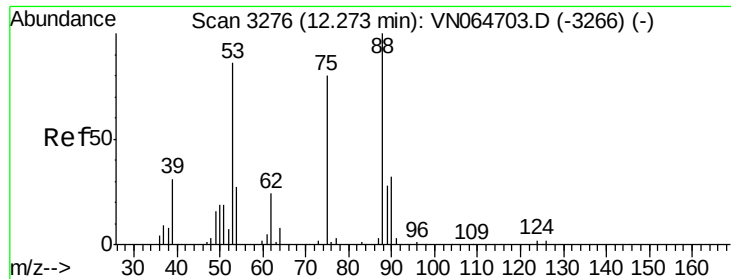
105 100

120 45.7 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064714.D (-3317) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.947 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

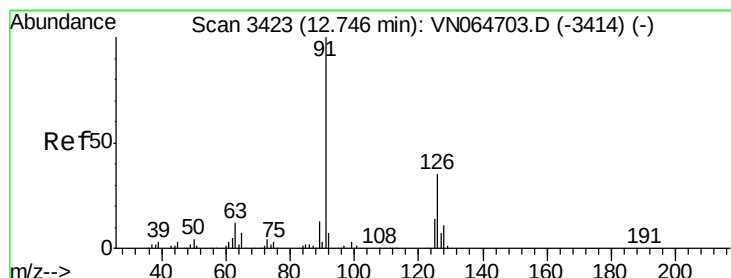
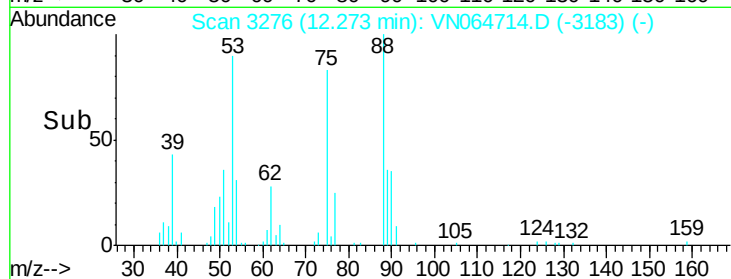
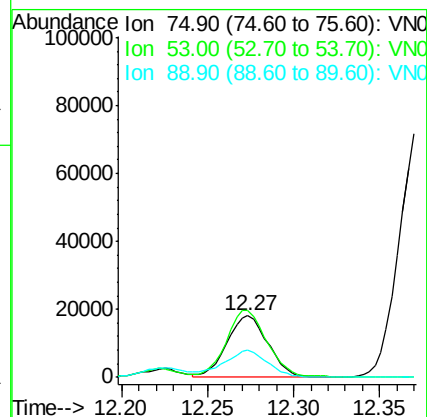
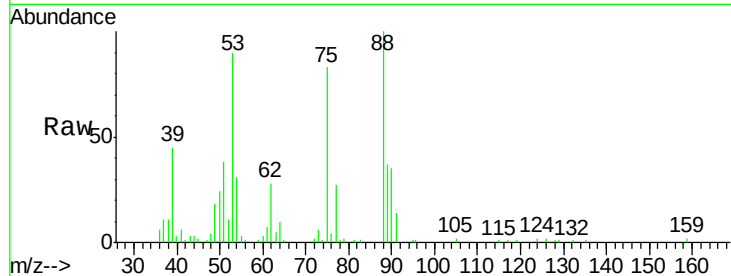
Tot Ion: 75 Resp: 30239

Ion Ratio Lower Upper

75 100

53 105.5 88.8 133.2

89 44.6 43.1 64.7



#82

4-Chlorotoluene

Concen: 18.733 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064714.D

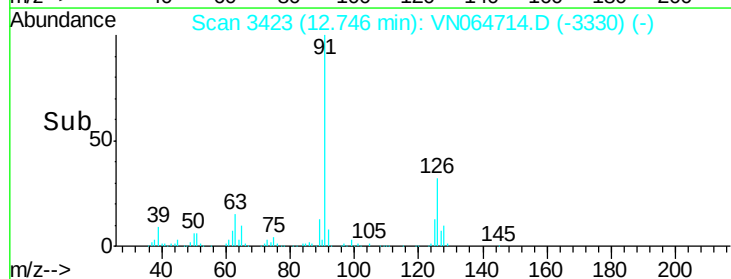
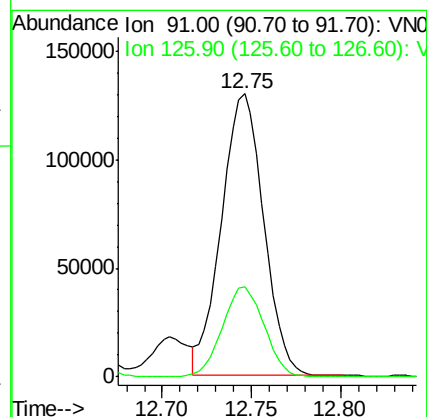
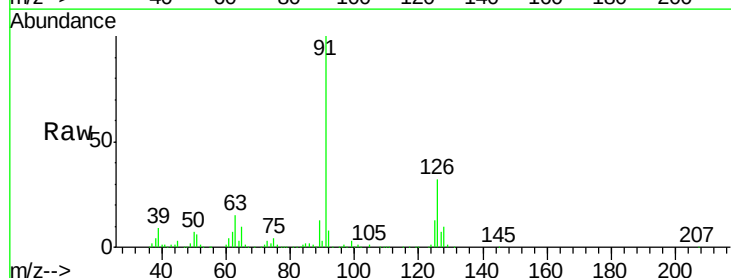
Acq: 18 Nov 2020 18:12

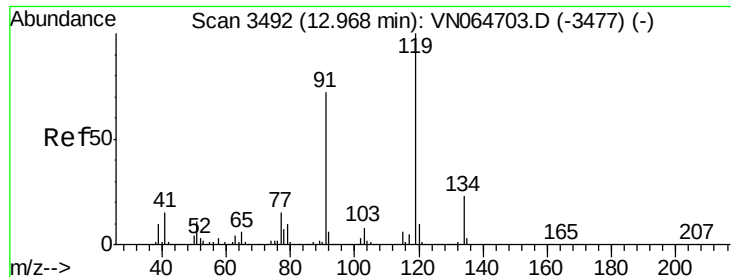
Tgt Ion: 91 Resp: 212784

Ion Ratio Lower Upper

91 100

126 31.8 15.9 47.7

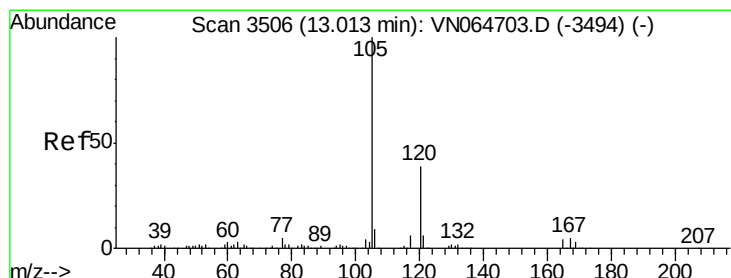
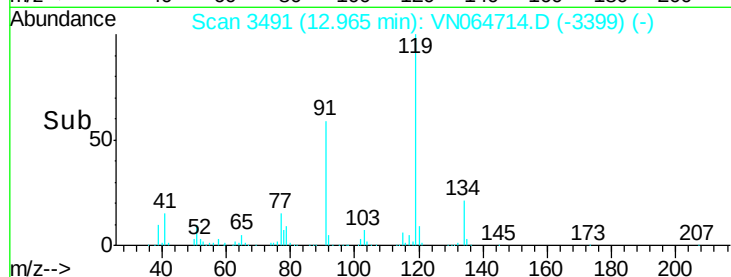
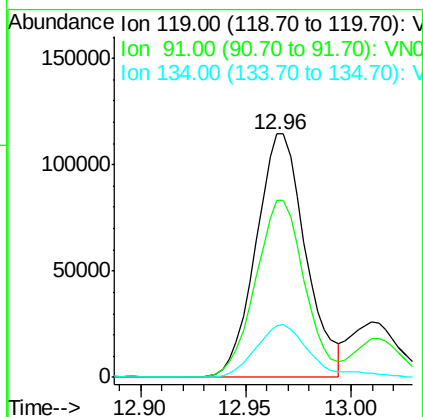
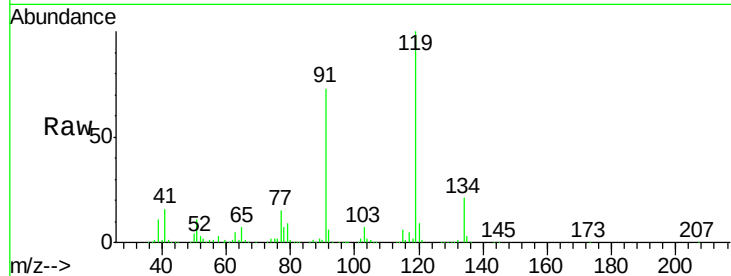




#83
 tert-Butylbenzene
 Concen: 20.419 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

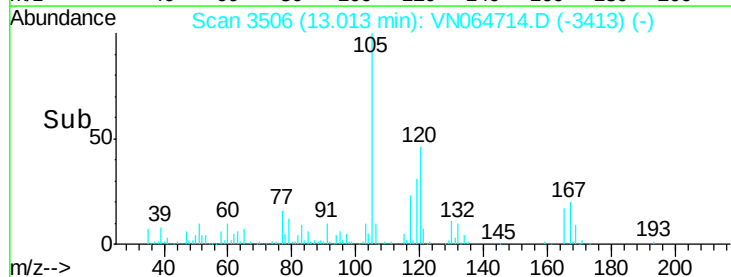
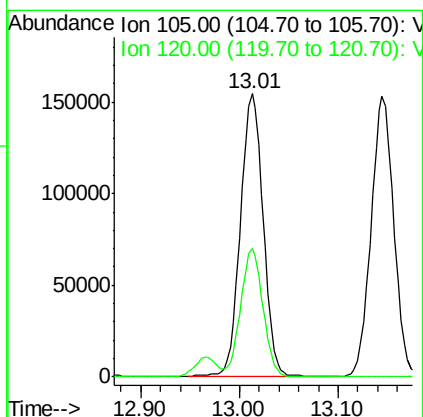
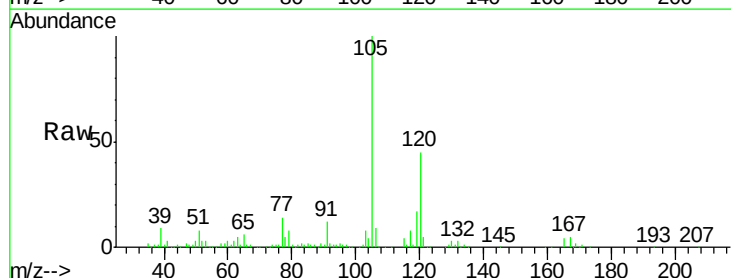
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

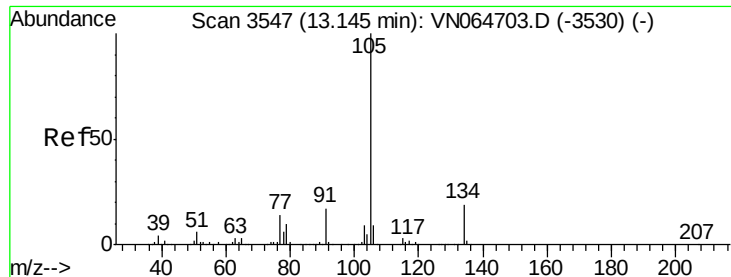
Tot Ion:119 Resp: 187541
 Ion Ratio Lower Upper
 119 100
 91 71.4 35.8 107.4
 134 24.0 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.230 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

Tgt Ion:105 Resp: 245123
 Ion Ratio Lower Upper
 105 100
 120 44.4 22.0 66.0





#85

sec-Butylbenzene

Concen: 20.099 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

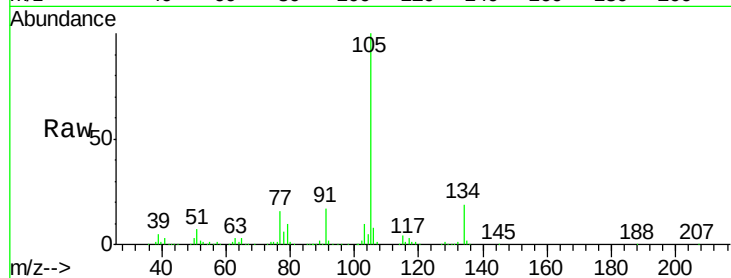
VN1118WBSD01

Tot Ion:105 Resp: 246051

Ion Ratio Lower Upper

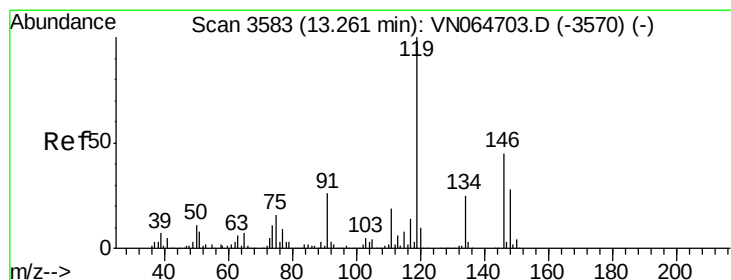
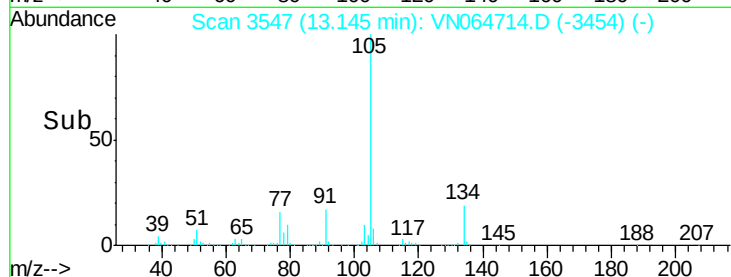
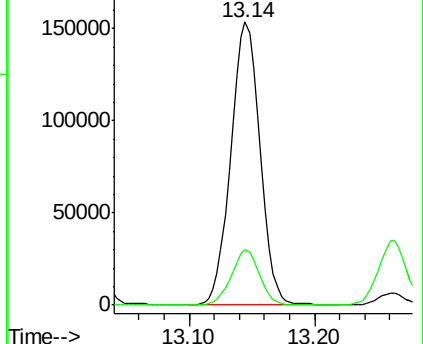
105 100

134 19.0 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.760 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

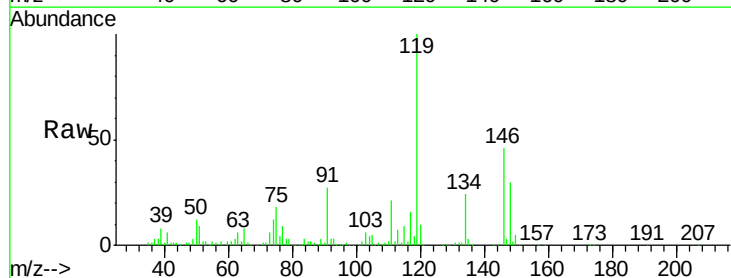
Tgt Ion:119 Resp: 222474

Ion Ratio Lower Upper

119 100

134 24.7 12.7 38.0

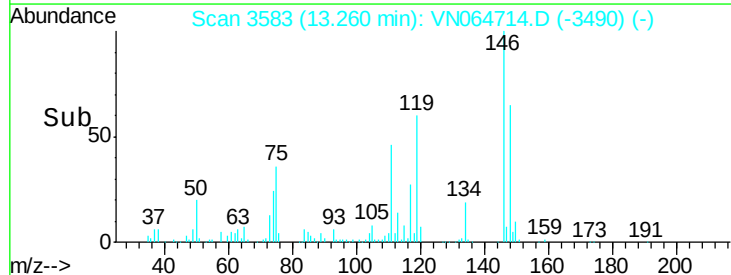
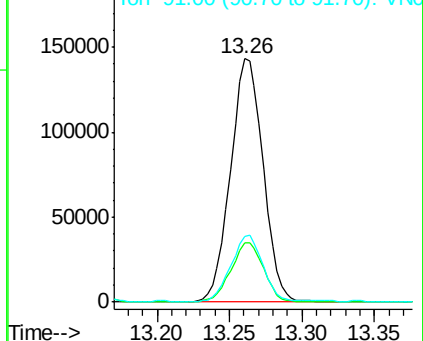
91 26.8 13.3 39.8

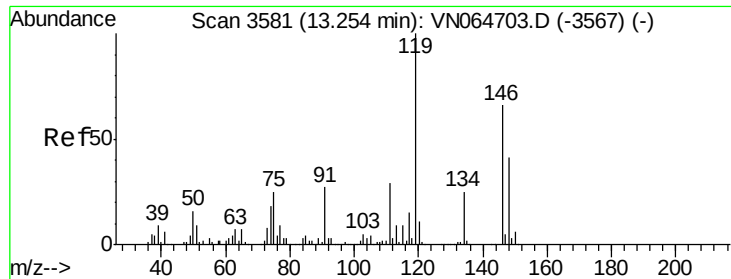


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.224 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

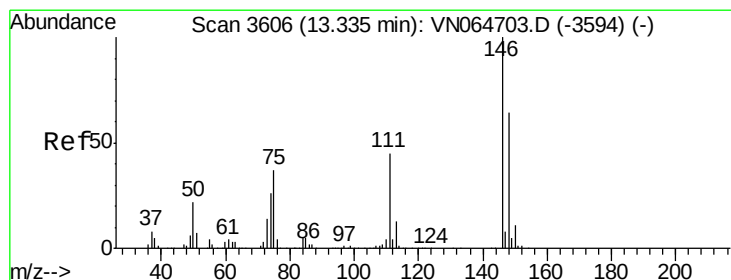
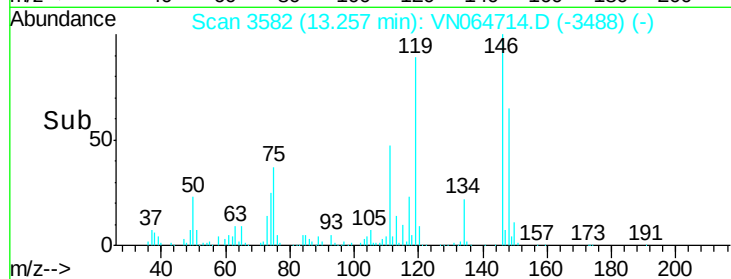
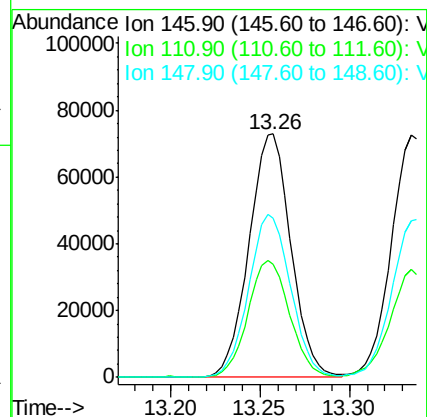
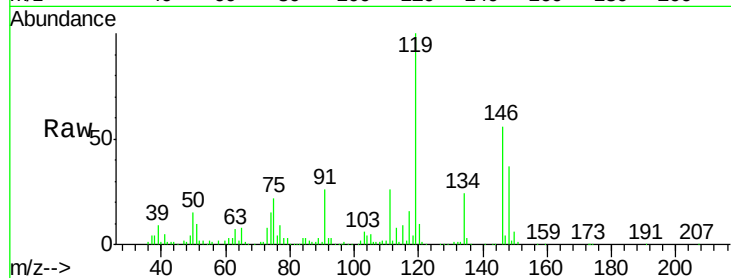
Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tot Ion:146 Resp: 119691

Ion	Ratio	Lower	Upper
146	100		
111	47.9	21.8	65.4
148	66.9	31.5	94.5



#88

1,4-Dichlorobenzene

Concen: 18.411 ug/l

RT: 13.33 min Scan# 3606

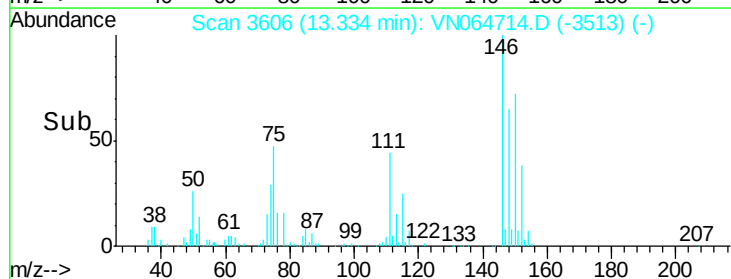
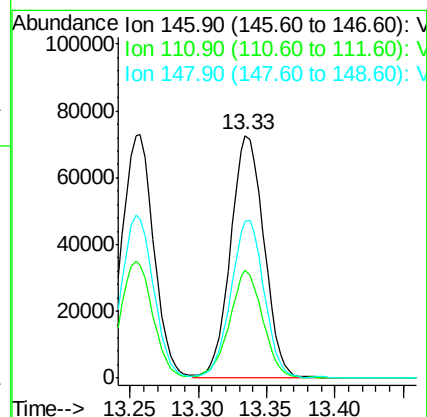
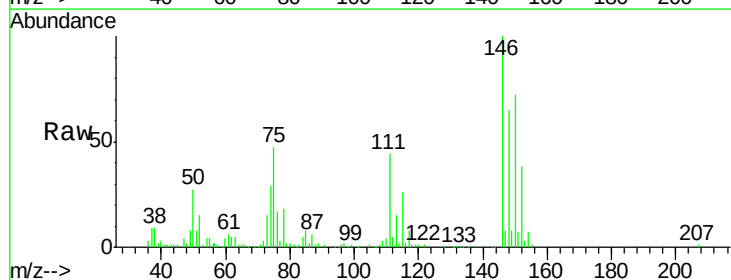
Delta R.T. -0.00 min

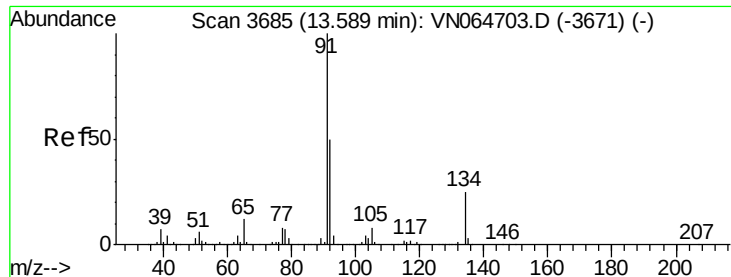
Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Tgt Ion:146 Resp: 124143

Ion	Ratio	Lower	Upper
146	100		
111	43.4	22.3	66.8
148	64.1	31.6	94.7





#89

n-Butylbenzene

Concen: 18.963 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064714.D

Acq: 18 Nov 2020 18:12

Instrument :

MSVOA_N

ClientSampleId :

VN1118WBSD01

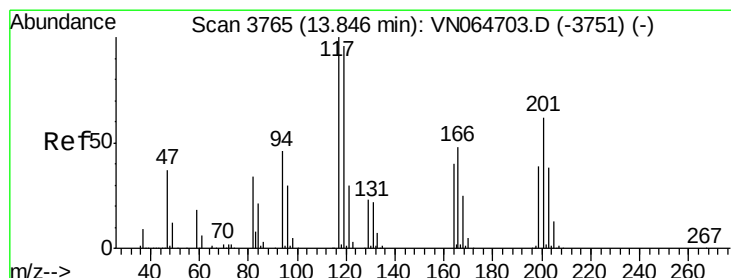
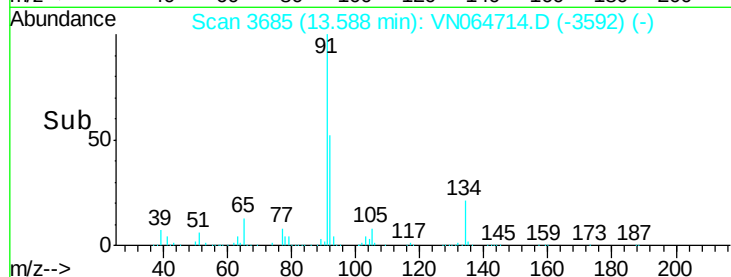
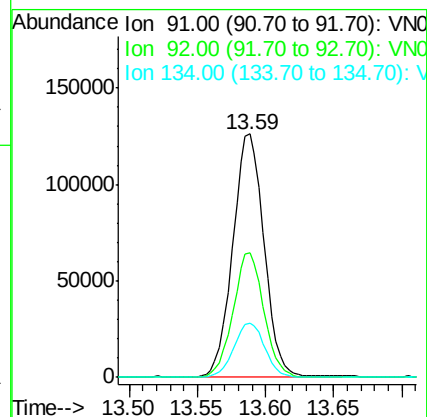
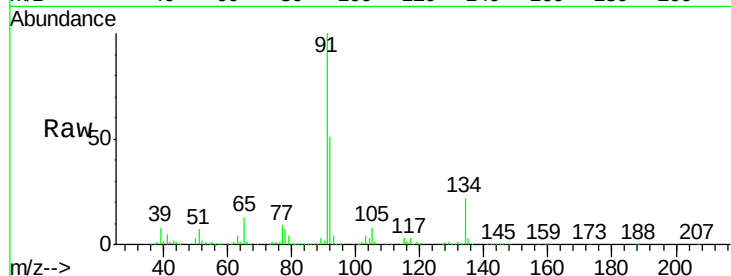
Tot Ion: 91 Resp: 199314

Ion Ratio Lower Upper

91 100

92 50.6 24.9 74.8

134 22.2 12.0 36.0



#90

Hexachloroethane

Concen: 20.121 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064714.D

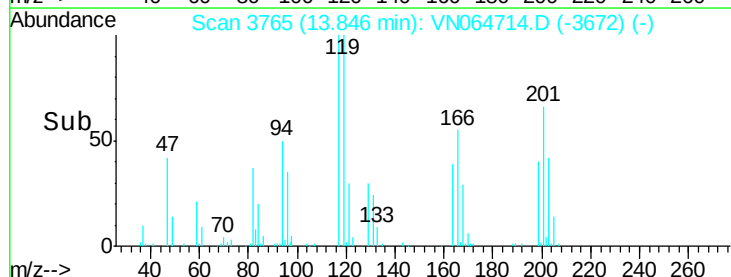
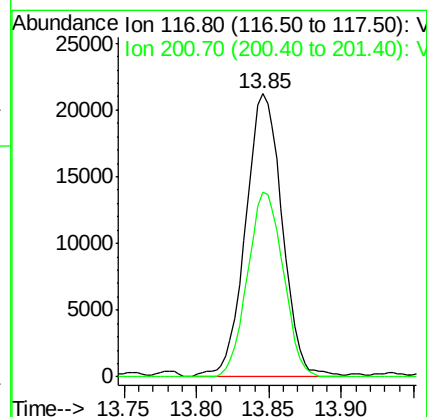
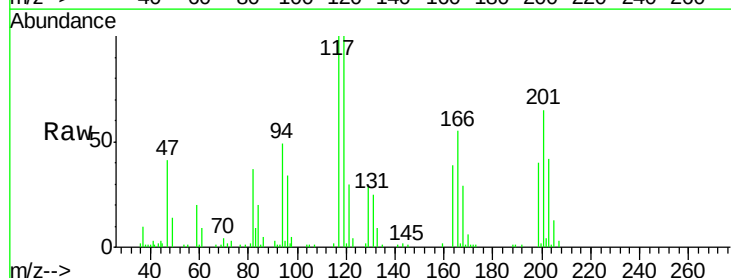
Acq: 18 Nov 2020 18:12

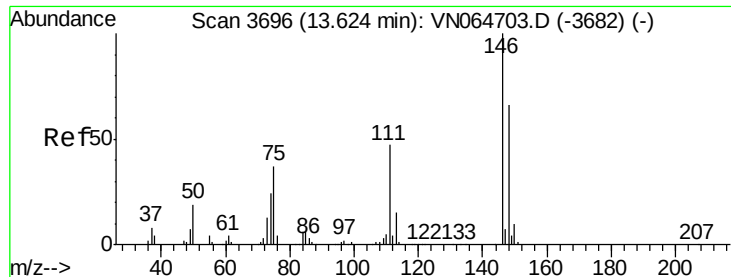
Tgt Ion: 117 Resp: 37451

Ion Ratio Lower Upper

117 100

201 63.2 31.9 95.5

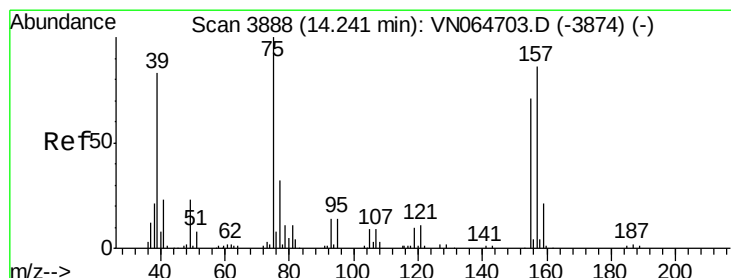
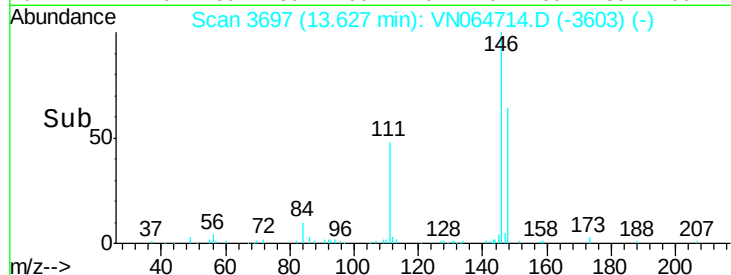
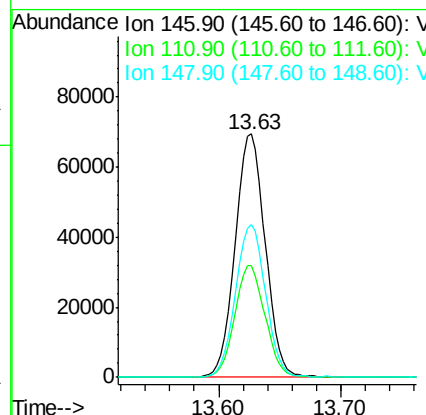
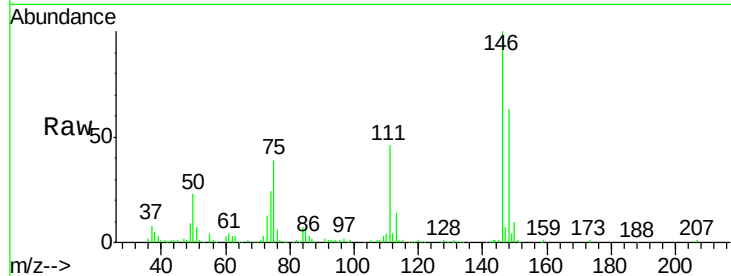




#91
 1,2-Dichlorobenzene
 Concen: 18.568 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

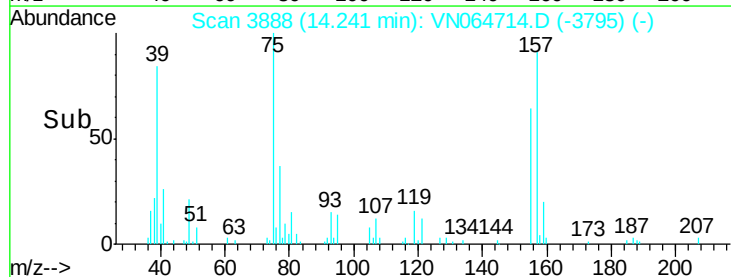
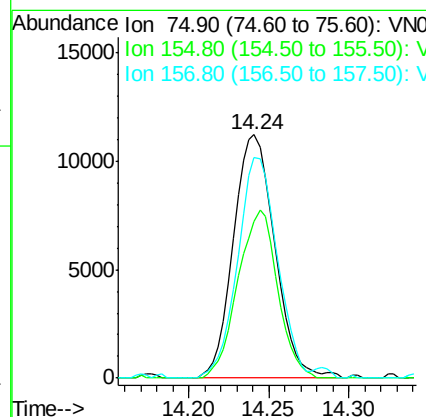
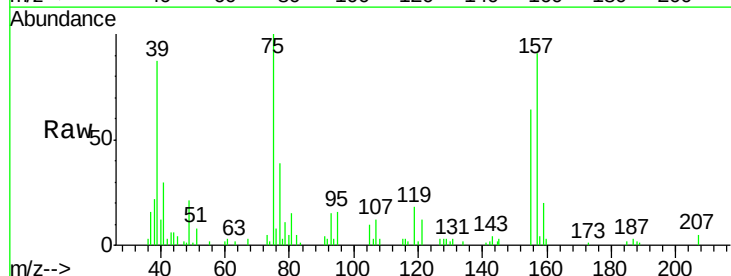
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

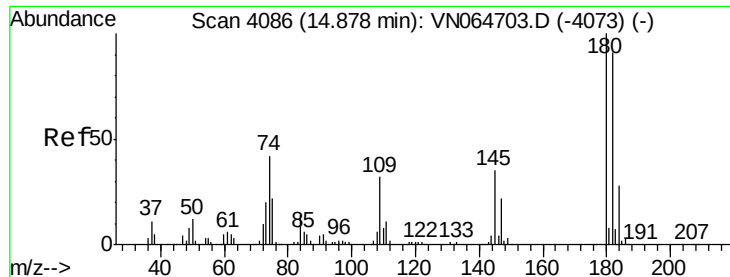
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.3	23.1	69.3
148	63.0	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.978 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.7	33.6	100.6
157	86.5	42.4	127.2

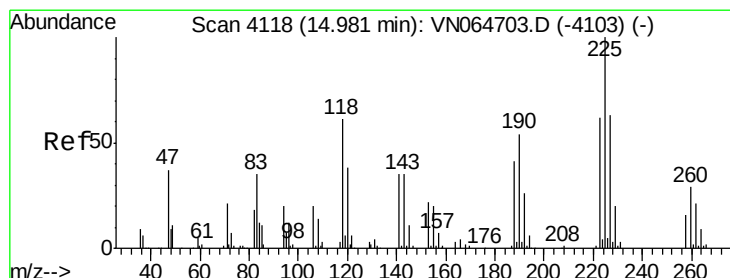
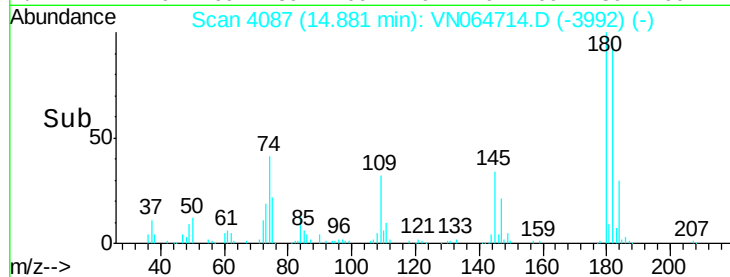
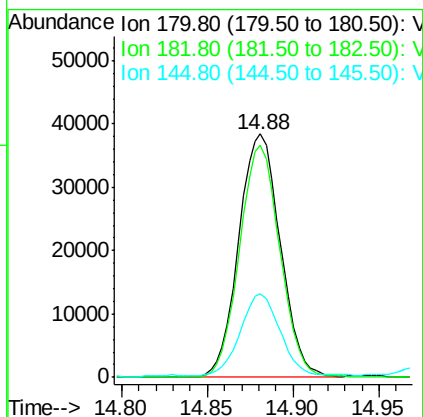
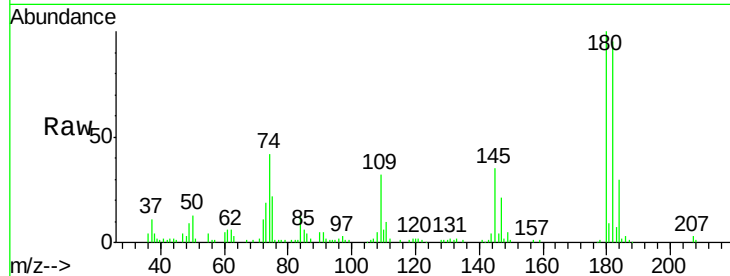




#93
 1,2,4-Trichlorobenzene
 Concen: 19.307 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

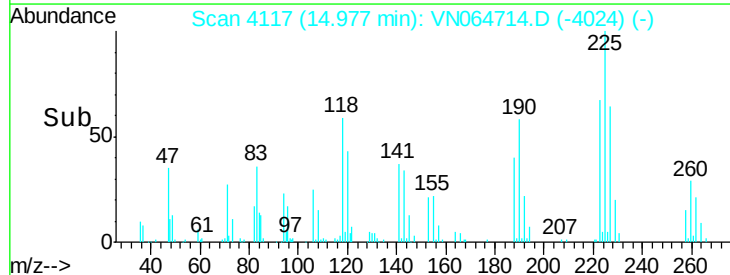
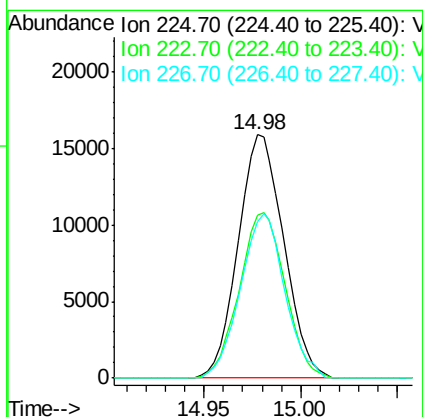
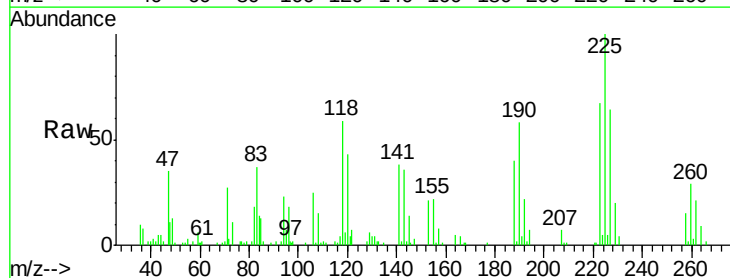
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBSD01

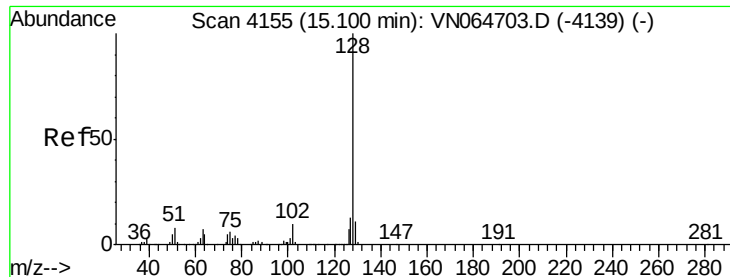
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.3	47.3	141.8
145	32.5	17.5	52.5



#94
 Hexachlorobutadiene
 Concen: 17.869 ug/l
 RT: 14.98 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN064714.D
 Acq: 18 Nov 2020 18:12

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.4	31.2	93.6
227	65.7	32.1	96.3

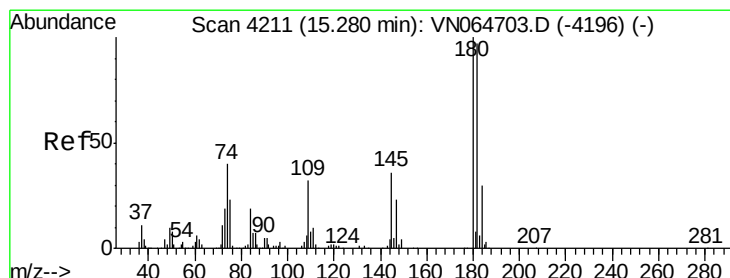
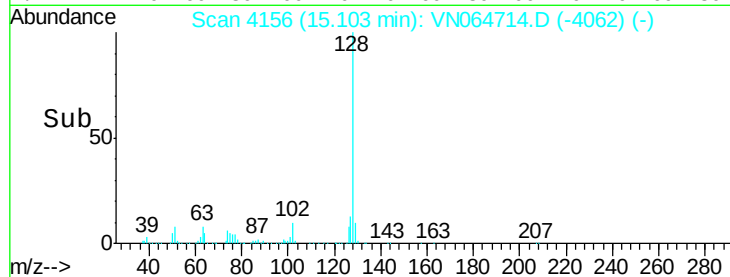
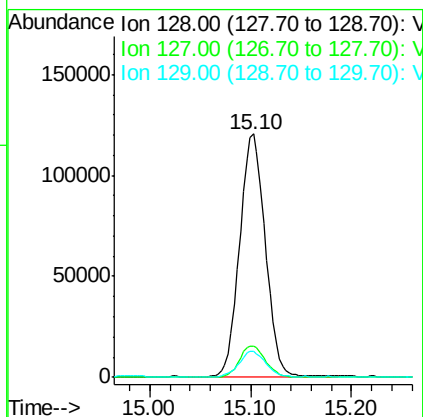
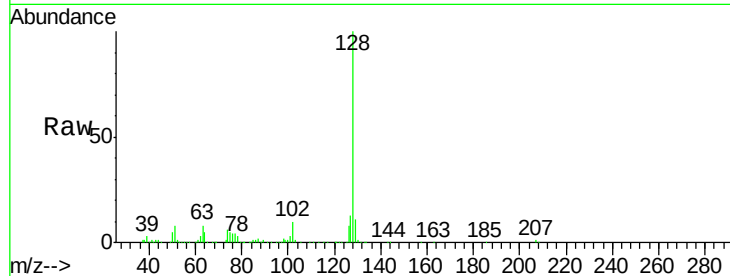




#95
Naphthalene
Concen: 18.806 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBSD01

Tot Ion:128 Resp: 212771
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 10.9 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 18.295 ug/l
RT: 15.28 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN064714.D
Acq: 18 Nov 2020 18:12

Tgt Ion:180 Resp: 59638
Ion Ratio Lower Upper
180 100
182 97.6 47.5 142.5
145 35.6 18.1 54.1

