

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
 Data File : VN064575.D
 Acq On : 12 Nov 2020 12:46
 Operator : JC/MD
 Sample : VN1112WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

Quant Time: Nov 13 02:46:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	491997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	468162	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	210470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	247090	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
35) Dibromofluoromethane	7.55	113	171729	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.06	98	631937	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
62) 4-Bromofluorobenzene	12.38	95	225862	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	64086	17.364	ug/l	96
3) Chloromethane	2.04	50	77222	17.226	ug/l	98
4) Vinyl Chloride	2.17	62	80652	17.520	ug/l	95
5) Bromomethane	2.54	94	56569	19.235	ug/l	100
6) Chloroethane	2.68	64	55031	18.671	ug/l	96
7) Trichlorofluoromethane	2.99	101	128673	18.982	ug/l	99
8) Diethyl Ether	3.38	74	46947	19.612	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	59617	18.521	ug/l	98
10) Methyl Iodide	3.91	142	66952	17.900	ug/l	99
11) Tert butyl alcohol	4.75	59	50655	93.012	ug/l #	91
12) 1,1-Dichloroethene	3.69	96	54020	17.816	ug/l	93
13) Acrolein	3.57	56	23116	68.428	ug/l	92
14) Allyl chloride	4.27	41	99632	16.797	ug/l	98
15) Acrylonitrile	4.94	53	153960	101.540	ug/l	100
16) Acetone	3.78	43	159694	84.892	ug/l	98
17) Carbon Disulfide	4.01	76	155531	17.152	ug/l	98
18) Methyl Acetate	4.29	43	76391	20.656	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	194486	17.821	ug/l	97
20) Methylene Chloride	4.51	84	66306	17.765	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	60896	17.688	ug/l	97
22) Diisopropyl ether	5.91	45	222958	17.708	ug/l	98
23) Vinyl Acetate	5.85	43	905869	88.439	ug/l	97
24) 1,1-Dichloroethane	5.80	63	126028	18.215	ug/l	99
25) 2-Butanone	6.79	43	217091	90.574	ug/l	98
26) 2,2-Dichloropropane	6.77	77	108160	17.269	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	69586	17.443	ug/l	99
28) Bromochloromethane	7.15	49	61099	17.966	ug/l	98
29) Tetrahydrofuran	7.17	42	136672	92.941	ug/l	98
30) Chloroform	7.33	83	135506	18.632	ug/l	99
31) Cyclohexane	7.62	56	95533	15.914	ug/l #	92
32) 1,1,1-Trichloroethane	7.53	97	117973	18.289	ug/l	99
36) 1,1-Dichloropropene	7.75	75	92028	17.706	ug/l	97
37) Ethyl Acetate	6.88	43	93157	18.152	ug/l	99
38) Carbon Tetrachloride	7.73	117	103776	18.682	ug/l	97

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 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.05	83	78139	16.771	ug/l	95
40) Benzene	8.00	78	269458	17.643	ug/l	95
41) Methacrylonitrile	7.17	41	137148	59.517	ug/l #	30
42) 1,2-Dichloroethane	8.09	62	120679	19.579	ug/l	100
43) Isopropyl Acetate	8.13	43	155673	18.482	ug/l	98
44) Trichloroethene	8.80	130	69943	18.151	ug/l	94
45) 1,2-Dichloropropane	9.09	63	75066	18.420	ug/l	96
46) Dibromomethane	9.18	93	53005	19.758	ug/l	99
47) Bromodichloromethane	9.37	83	113738	19.718	ug/l	95
48) Methyl methacrylate	9.17	41	78187	18.395	ug/l	99
49) 1,4-Dioxane	9.17	88	22845	408.070	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	479791	97.675	ug/l	99
52) Toluene	10.13	92	167576	17.989	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	112101	18.331	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	116935	17.884	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	71002	19.544	ug/l	98
56) Ethyl methacrylate	10.40	69	91560	16.595	ug/l	99
57) 1,3-Dichloropropane	10.68	76	120738	19.040	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	255148	104.093	ug/l	98
59) 2-Hexanone	10.72	43	341113	87.816	ug/l	98
60) Dibromochloromethane	10.87	129	79574	19.564	ug/l	96
61) 1,2-Dibromoethane	10.98	107	72334	19.630	ug/l	100
64) Tetrachloroethene	10.60	164	67414	18.694	ug/l	98
65) Chlorobenzene	11.41	112	181220	17.657	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	73344	19.156	ug/l	99
67) Ethyl Benzene	11.49	91	312885	17.139	ug/l	98
68) m/p-Xylenes	11.60	106	231857	35.021	ug/l	99
69) o-Xylene	11.92	106	109127	17.058	ug/l	99
70) Styrene	11.94	104	189564	17.609	ug/l	98
71) Bromoform	12.10	173	49886	18.185	ug/l #	97
73) Isopropylbenzene	12.23	105	286537	17.128	ug/l	99
74) N-amyl acetate	12.05	43	125101	16.259	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	99188	19.304	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	134690	26.412	ug/l #	100
77) Bromobenzene	12.50	156	73769	18.062	ug/l	96
78) n-propylbenzene	12.57	91	340799	17.869	ug/l	98
79) 2-Chlorotoluene	12.65	91	212140	17.537	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	239840	17.379	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	31920	17.477	ug/l	93
82) 4-Chlorotoluene	12.75	91	223857	17.671	ug/l	98
83) tert-Butylbenzene	12.97	119	188905	17.526	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	246680	17.781	ug/l	99
85) sec-Butylbenzene	13.15	105	245672	17.997	ug/l	99
86) p-Isopropyltoluene	13.26	119	217941	17.750	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	124519	17.637	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	127443	17.467	ug/l	98
89) n-Butylbenzene	13.59	91	183877	17.417	ug/l	97
90) Hexachloroethane	13.85	117	45014	19.004	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	130053	19.150	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21101	20.626	ug/l	96

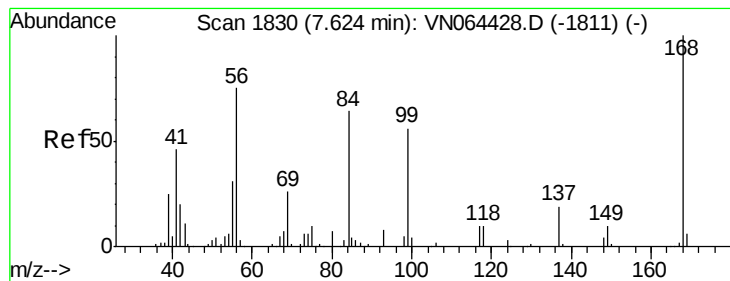
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111220\
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51038	16.971	ug/l	98
94) Hexachlorobutadiene	14.98	225	27962	20.223	ug/l	98
95) Naphthalene	15.10	128	152903	15.909	ug/l	98
96) 1,2,3-Trichlorobenzene	15.29	180	54104	18.415	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

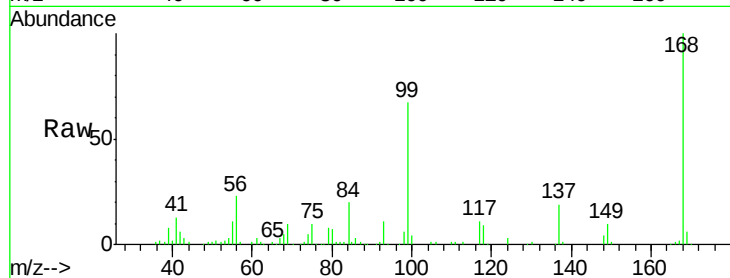
VN1112WBSD01

Tot Ion:168 Resp: 283518

Ion Ratio Lower Upper

168 100

99 66.3 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

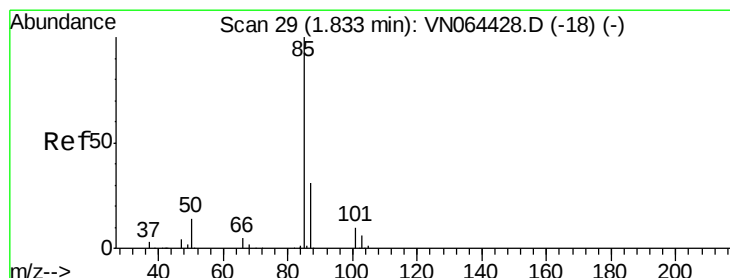
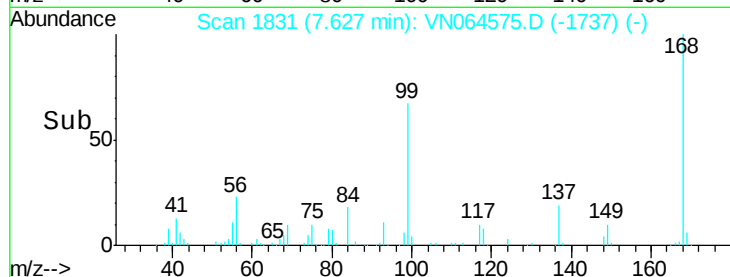
7.63

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 17.364 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064575.D

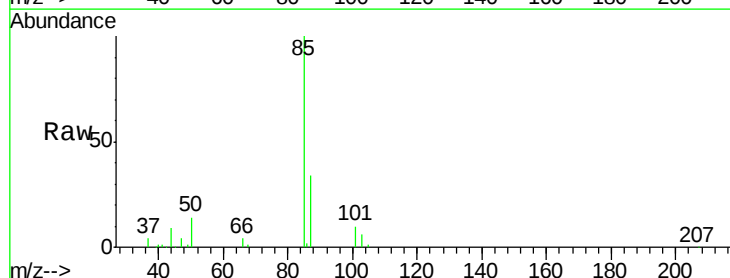
Acq: 12 Nov 2020 12:46

Tgt Ion: 85 Resp: 64086

Ion Ratio Lower Upper

85 100

87 33.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

50000

40000

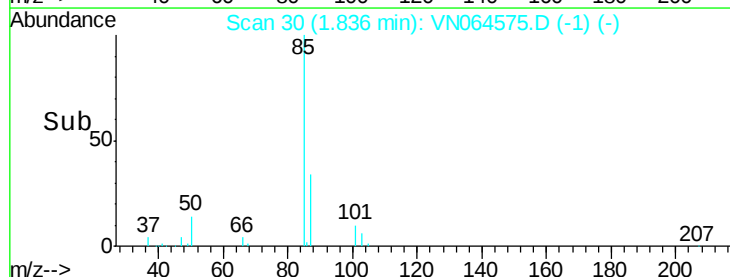
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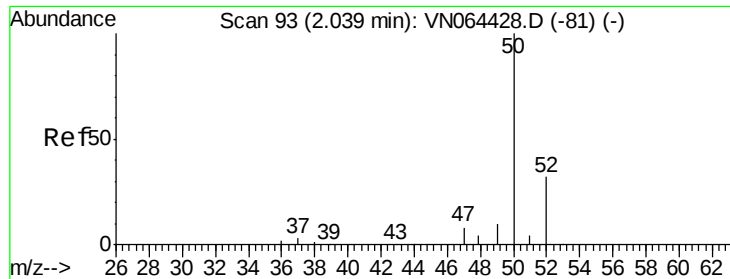
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.226 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

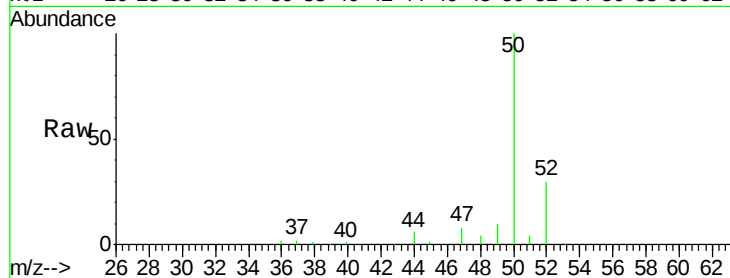
VN1112WBSD01

Tot Ion: 50 Resp: 77222

Ion Ratio Lower Upper

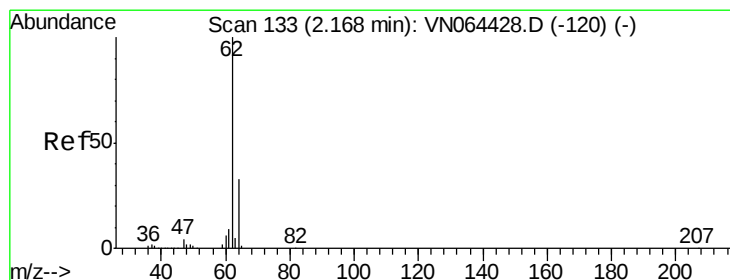
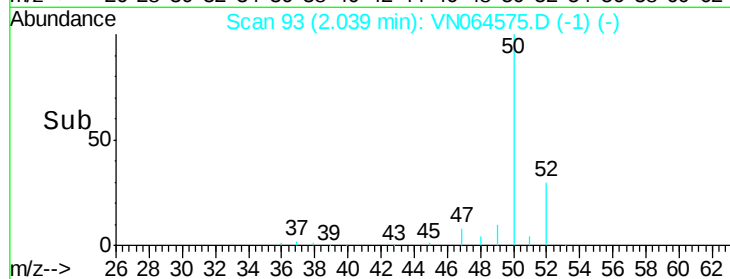
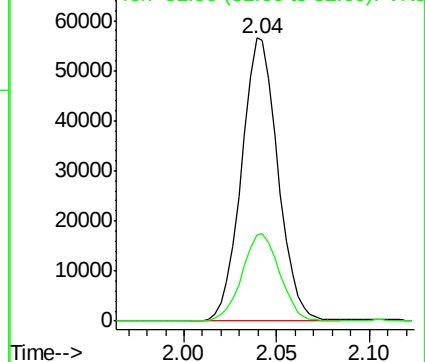
50 100

52 30.3 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 17.520 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064575.D

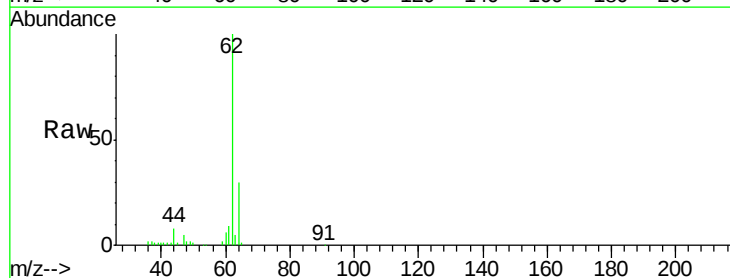
Acq: 12 Nov 2020 12:46

Tgt Ion: 62 Resp: 80652

Ion Ratio Lower Upper

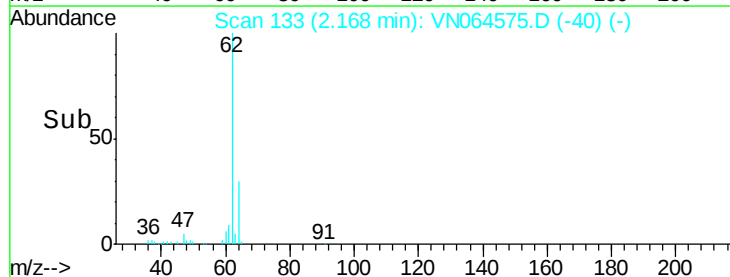
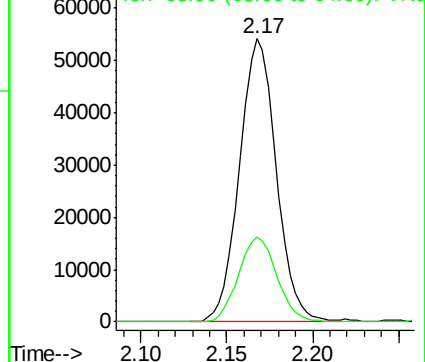
62 100

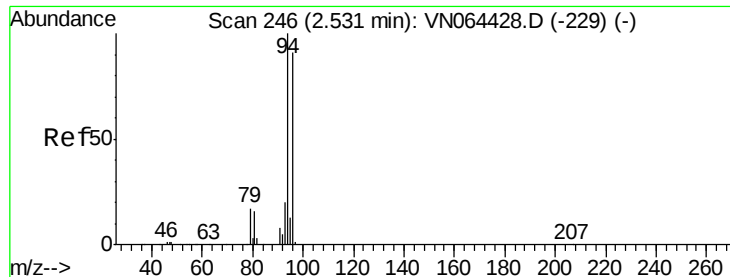
64 30.0 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 19.235 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

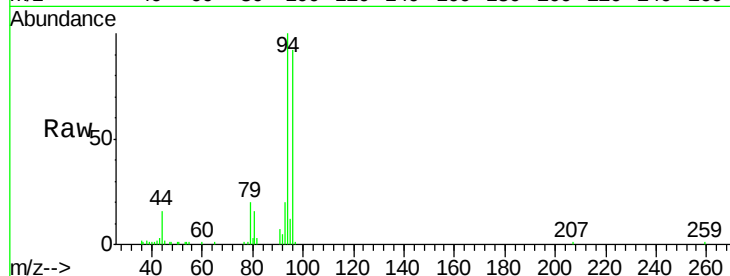
VN1112WBSD01

Tot Ion: 94 Resp: 56569

Ion Ratio Lower Upper

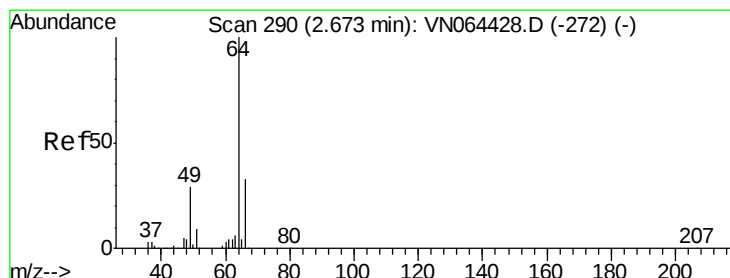
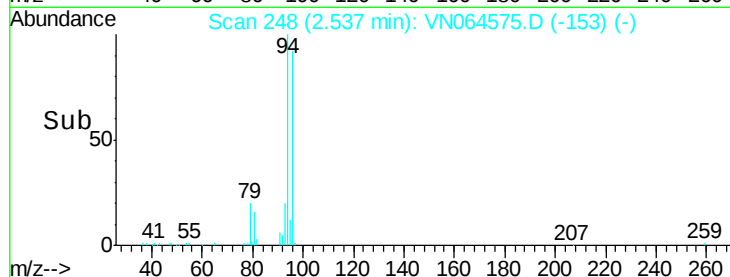
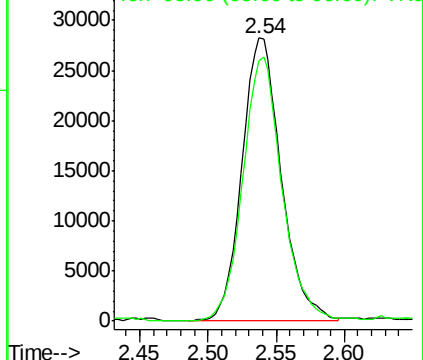
94 100

96 91.8 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 18.671 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN064575.D

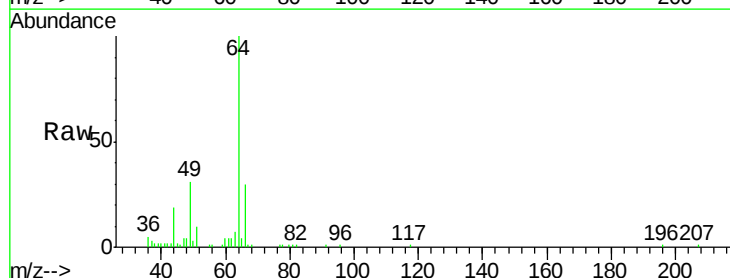
Acq: 12 Nov 2020 12:46

Tgt Ion: 64 Resp: 55031

Ion Ratio Lower Upper

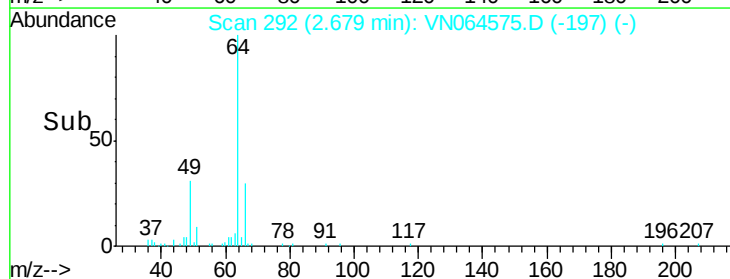
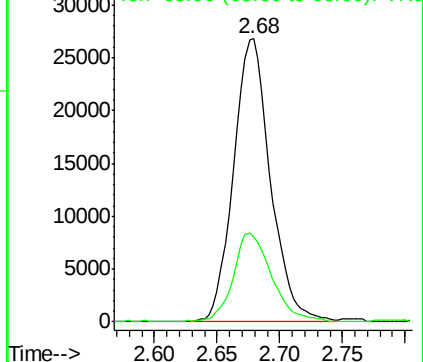
64 100

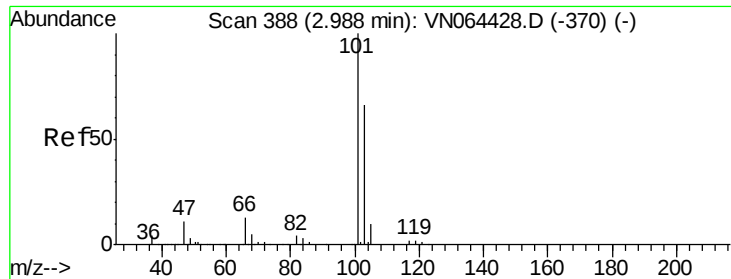
66 30.2 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



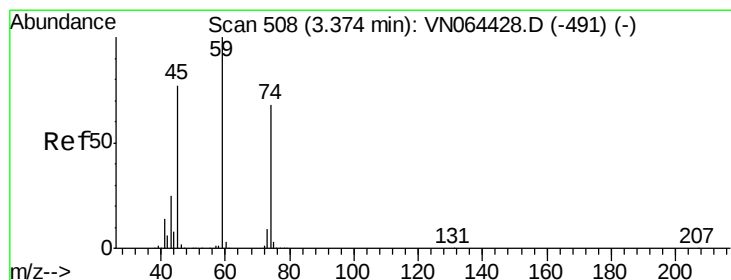
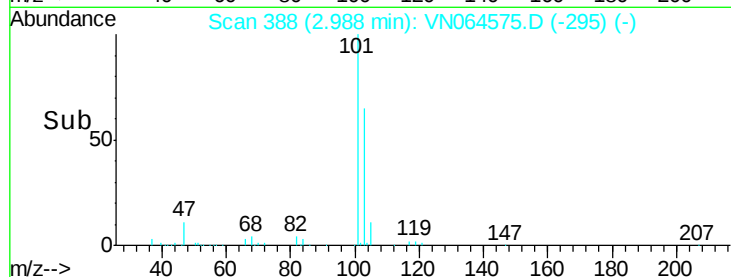
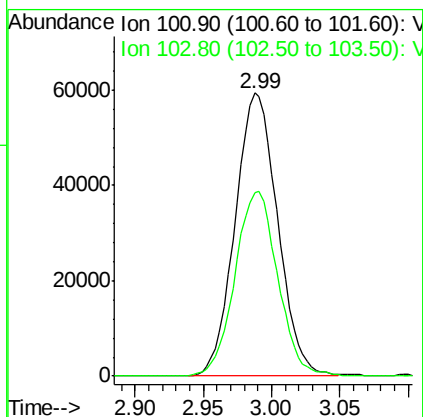
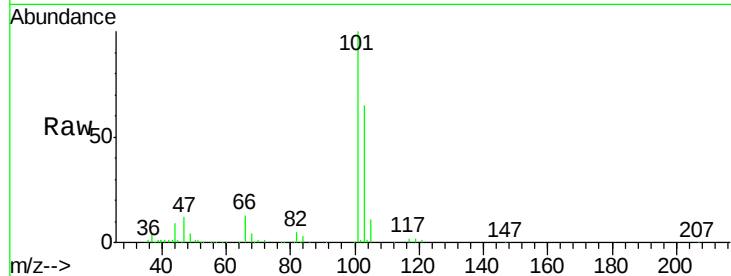


#7

Trichlorofluoromethane
 Concen: 18.982 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

Instrument :
 MSVOA_N
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 VN1112WBSD01

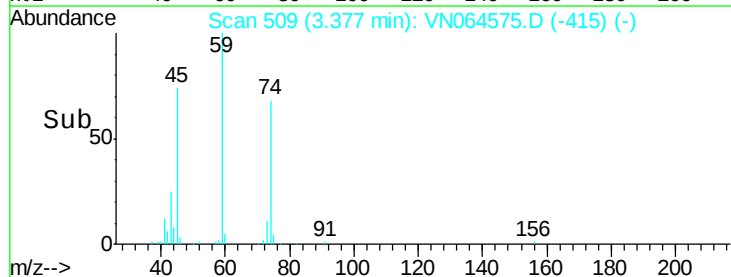
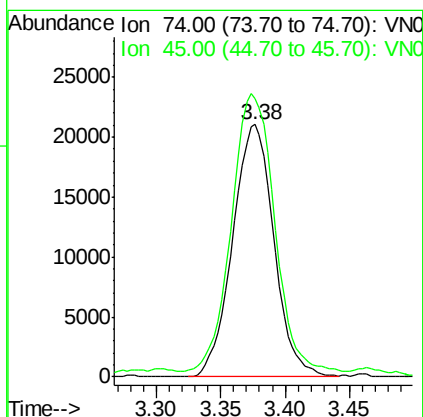
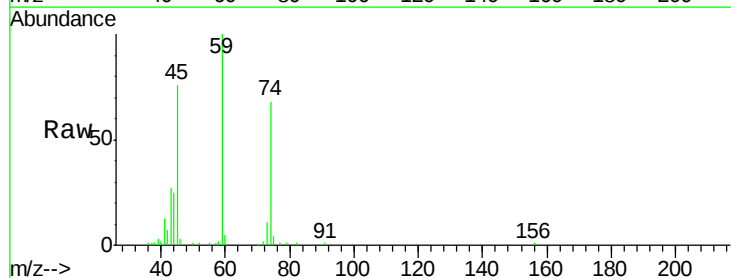
Tot Ion:101 Resp: 128673
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.4 78.6

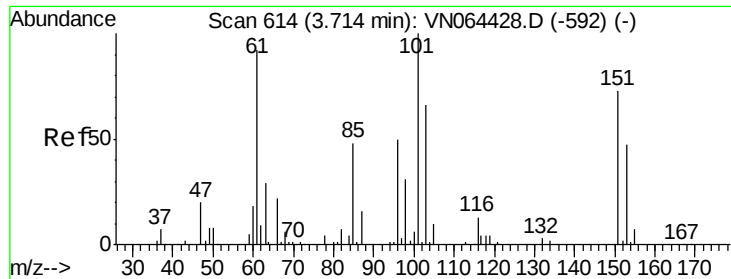


#8

Diethyl Ether
 Concen: 19.612 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

Tgt Ion: 74 Resp: 46947
 Ion Ratio Lower Upper
 74 100
 45 115.9 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.521 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

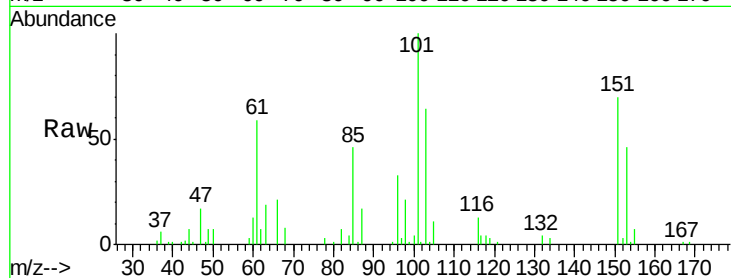
Tot Ion:101 Resp: 59617

Ion Ratio Lower Upper

101 100

85 46.0 38.6 57.8

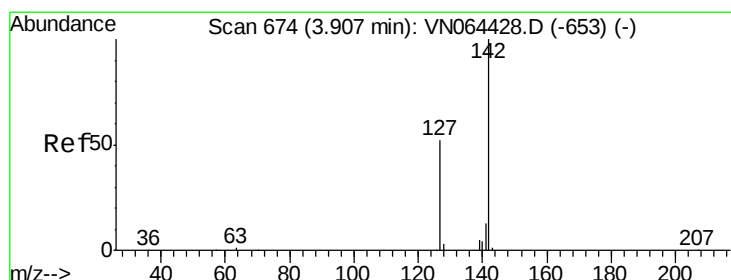
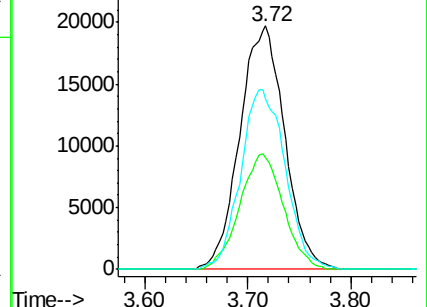
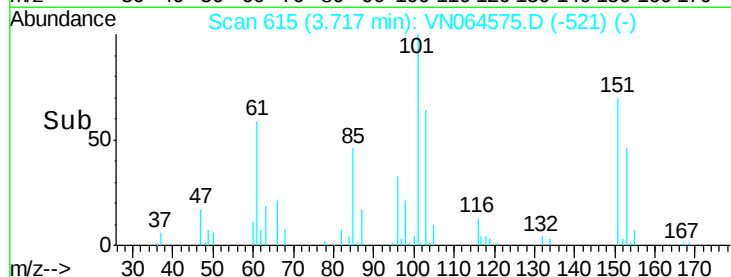
151 73.4 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.900 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

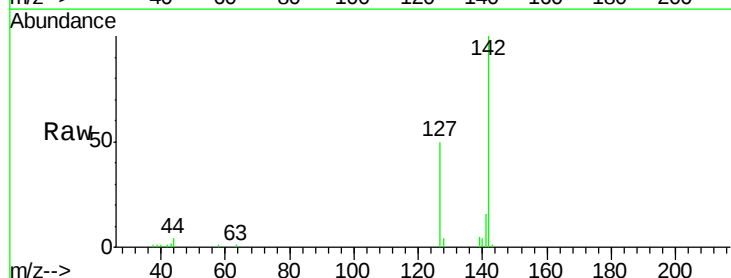
Tgt Ion:142 Resp: 66952

Ion Ratio Lower Upper

142 100

127 52.2 41.8 62.8

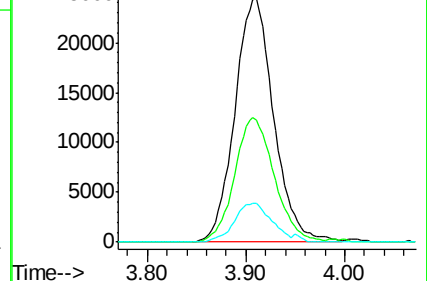
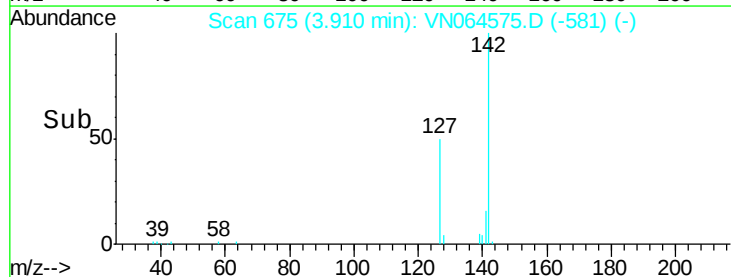
141 15.2 11.4 17.2

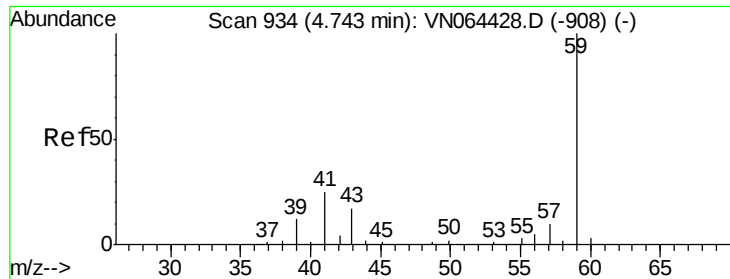


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

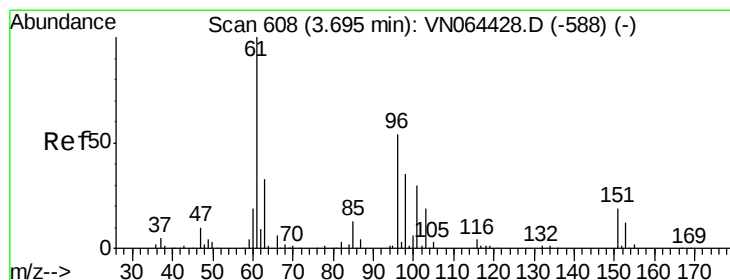
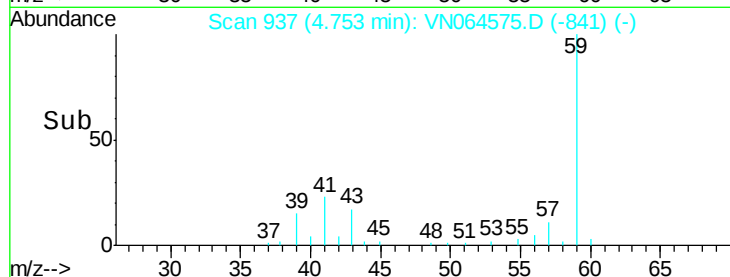
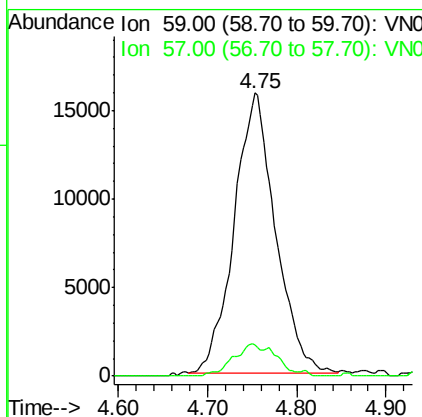
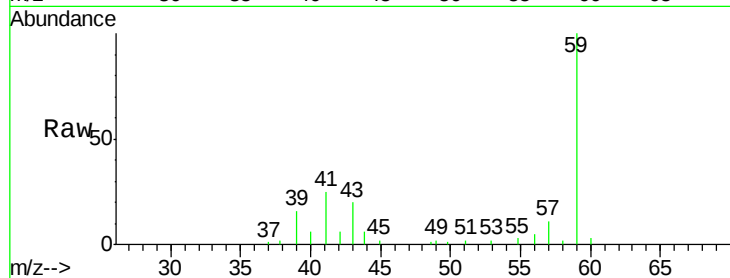




#11
Tert butyl alcohol
Concen: 93.012 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

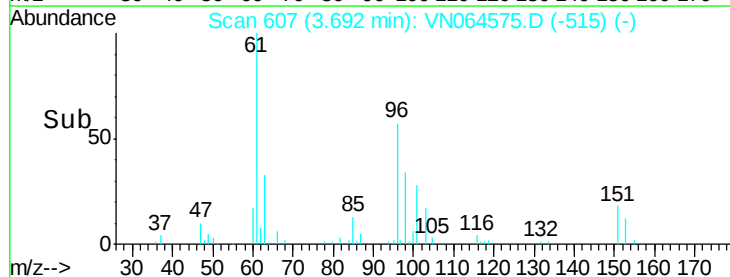
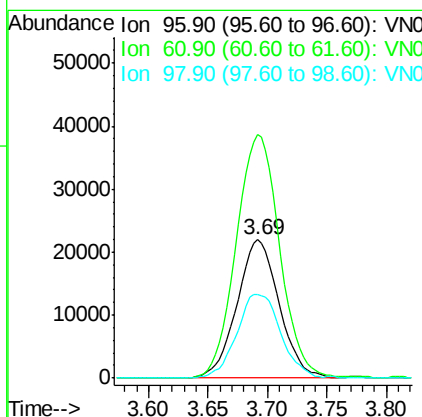
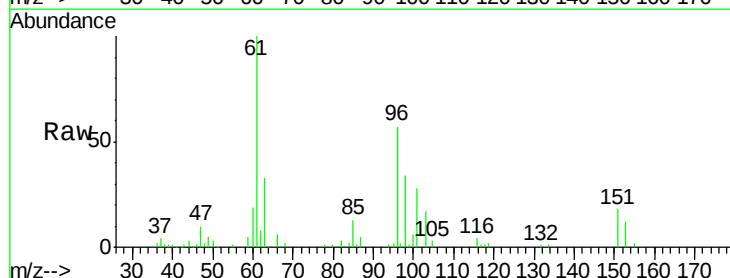
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

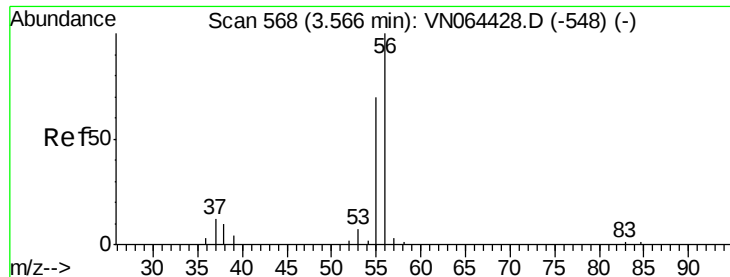
Tot Ion: 59 Resp: 50655
Ion Ratio Lower Upper
59 100
57 7.9 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 17.816 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 96 Resp: 54020
Ion Ratio Lower Upper
96 100
61 175.8 149.5 224.3
98 60.0 52.4 78.6





#13

Acrolein

Concen: 68.428 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

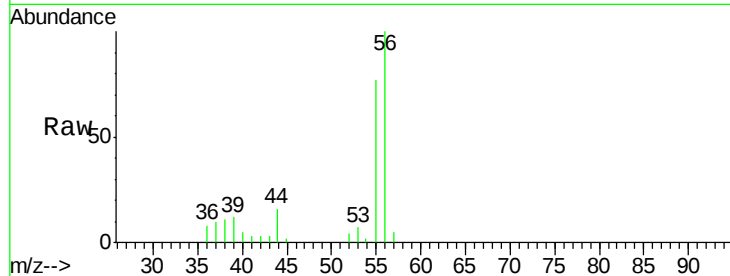
VN1112WBSD01

Tot Ion: 56 Resp: 23116

Ion Ratio Lower Upper

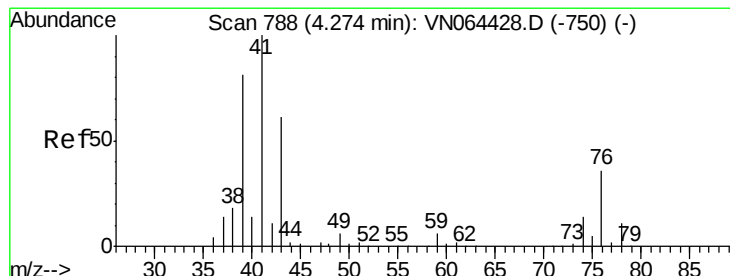
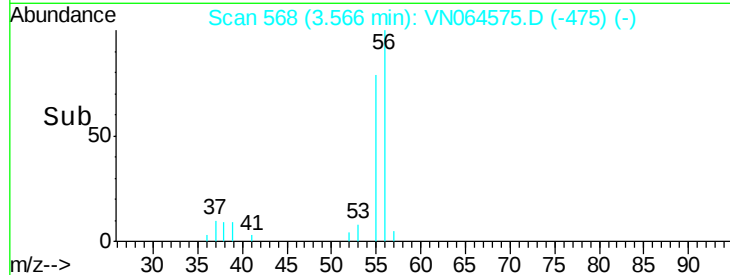
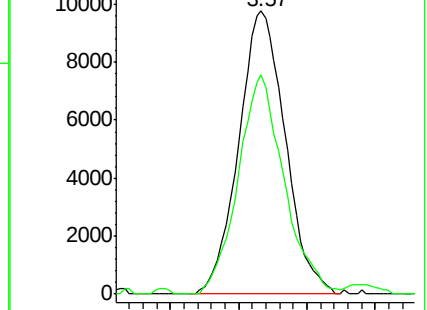
56 100

55 76.4 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VN064428.D (-548) (-)

Ion 55.00 (54.70 to 55.70): VN064428.D (-548) (-)



#14

Allyl chloride

Concen: 16.797 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

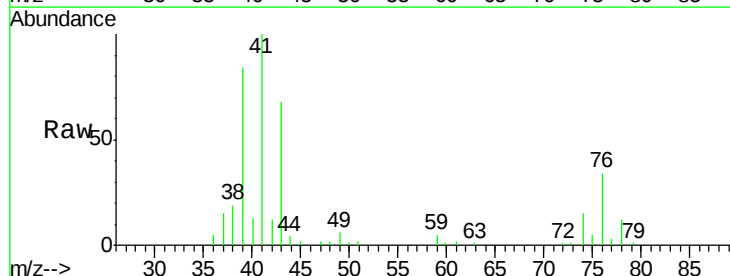
Tgt Ion: 41 Resp: 99632

Ion Ratio Lower Upper

41 100

39 79.5 61.8 92.8

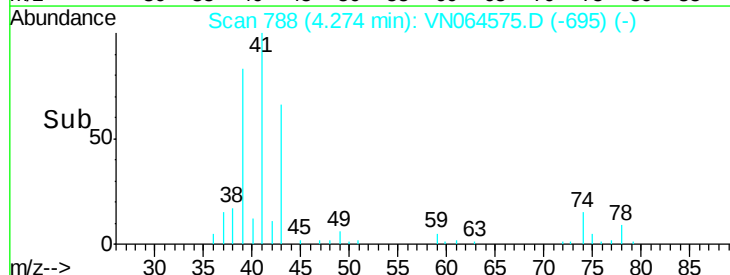
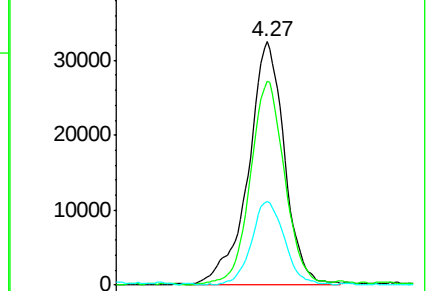
76 31.4 25.4 38.0

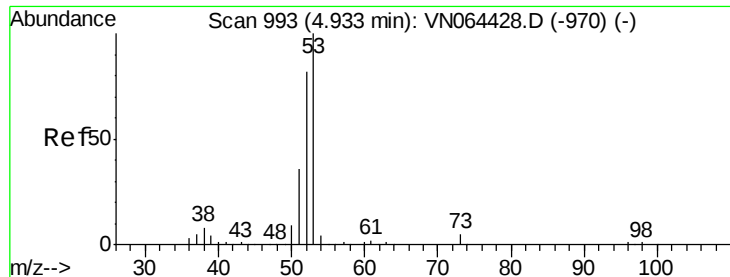


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-750) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-750) (-)

Ion 75.90 (75.60 to 76.60): VN064428.D (-750) (-)





#15

Acrylonitrile

Concen: 101.540 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

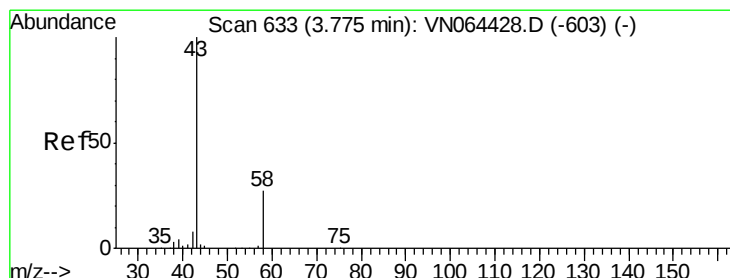
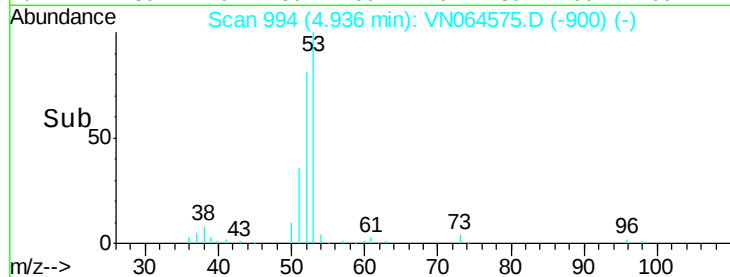
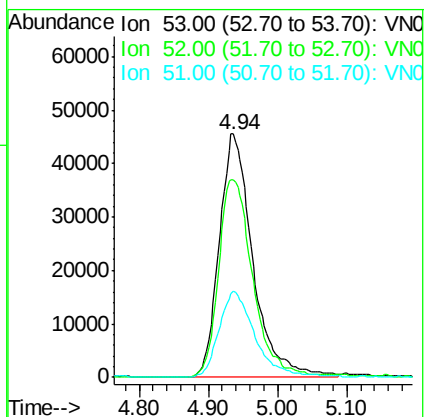
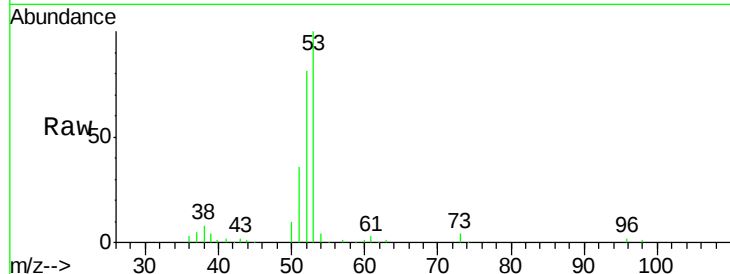
Tot Ion: 53 Resp: 153960

Ion Ratio Lower Upper

53 100

52 82.4 65.6 98.4

51 37.4 29.9 44.9



#16

Acetone

Concen: 84.892 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064575.D

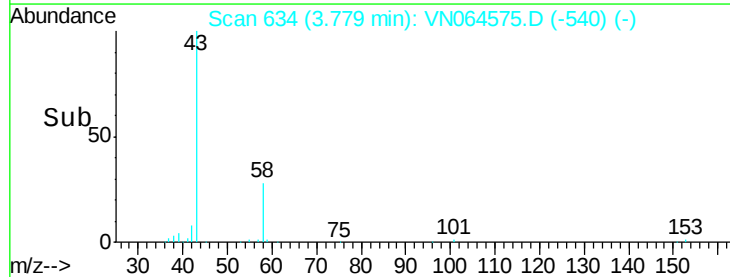
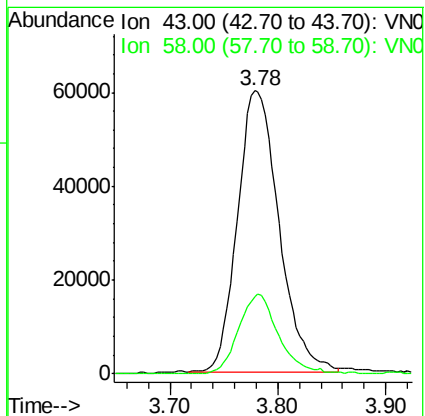
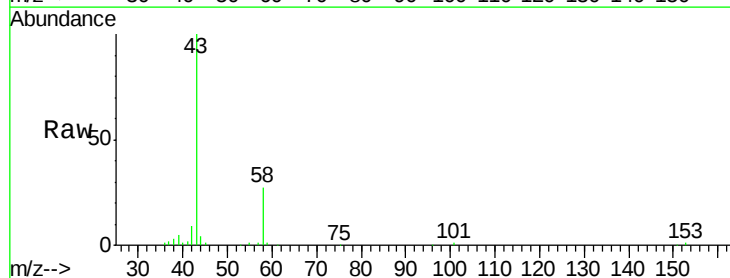
Acq: 12 Nov 2020 12:46

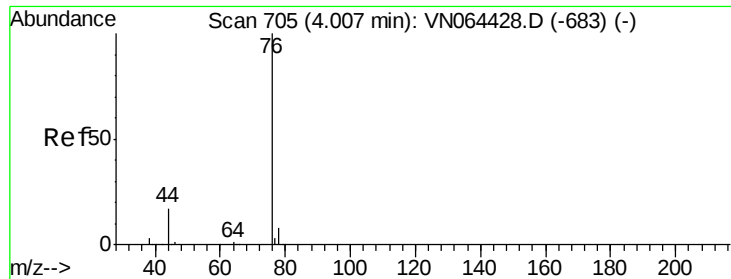
Tgt Ion: 43 Resp: 159694

Ion Ratio Lower Upper

43 100

58 27.5 21.4 32.0

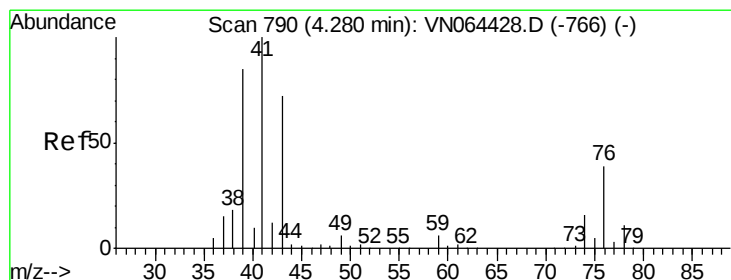
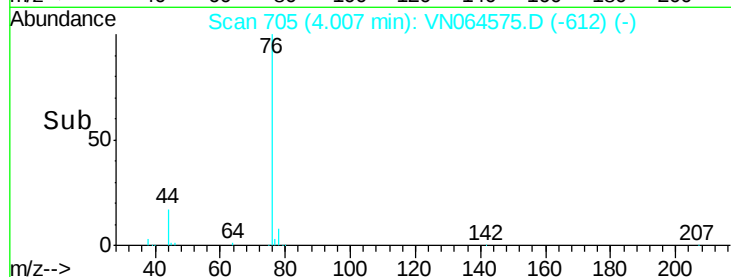
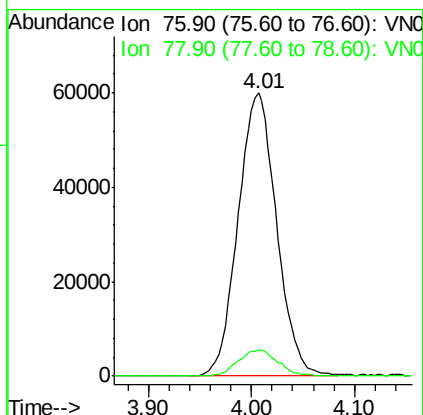
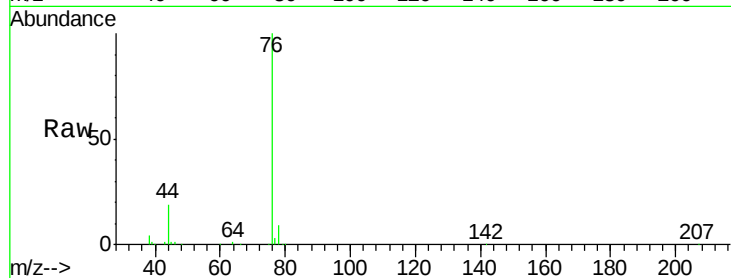




#17
Carbon Disulfide
Concen: 17.152 ug/l
RT: 4.01 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

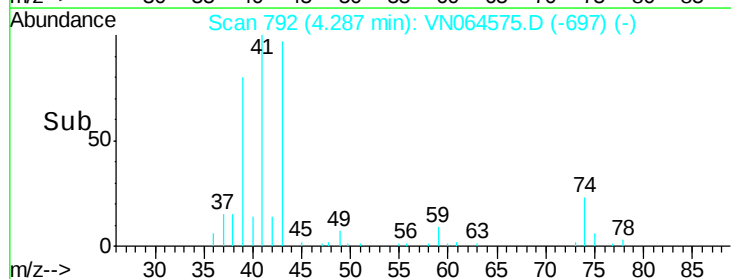
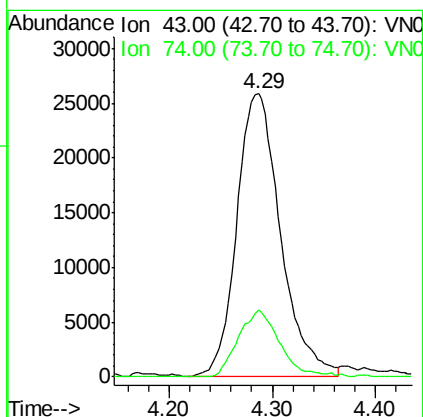
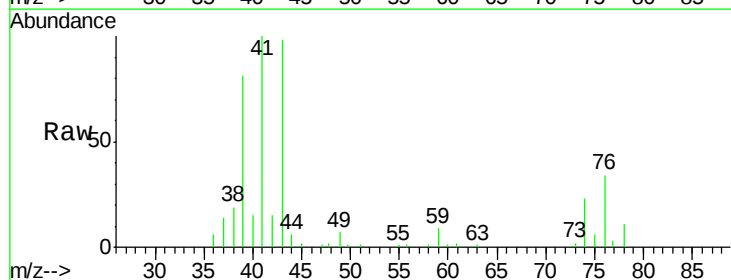
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

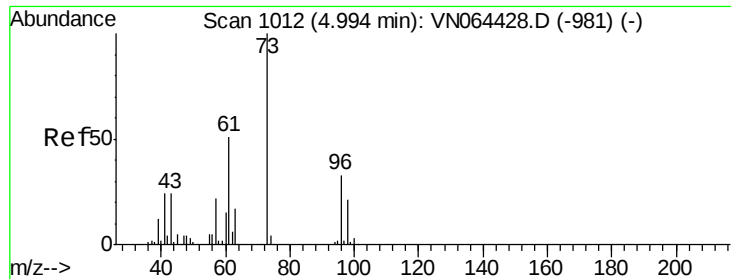
Tot Ion: 76 Resp: 155531
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 20.656 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 43 Resp: 76391
Ion Ratio Lower Upper
43 100
74 22.1 17.0 25.4

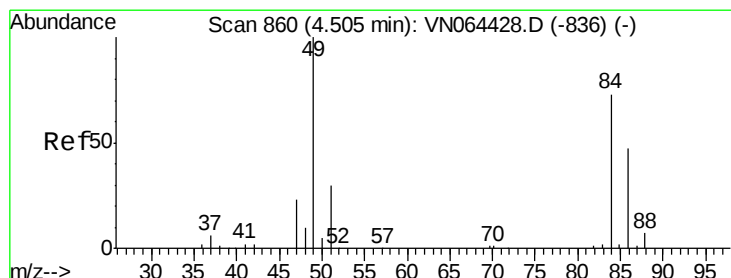
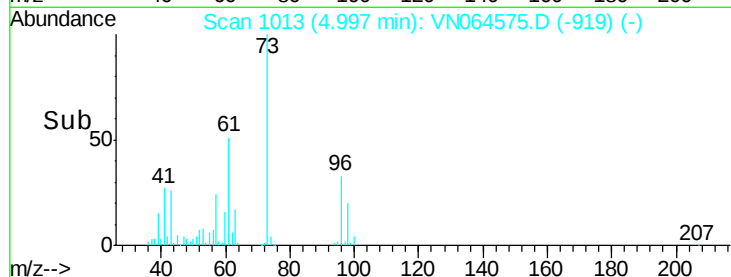
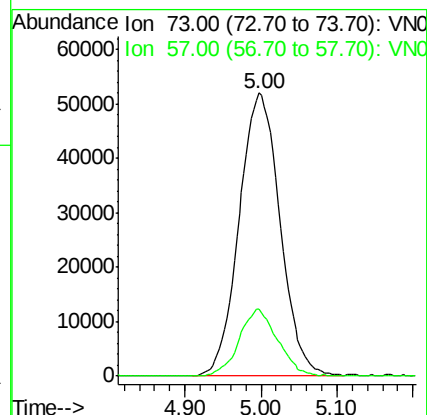
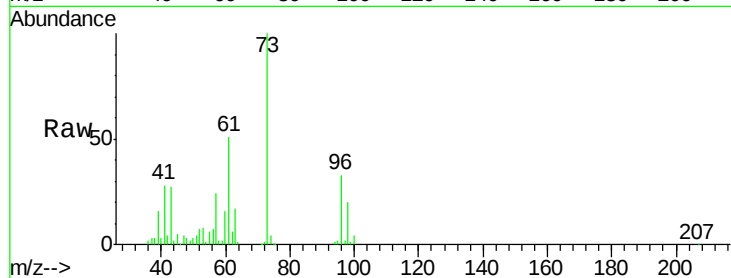




#19
Methvl tert-butvl Ether
Concen: 17.821 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

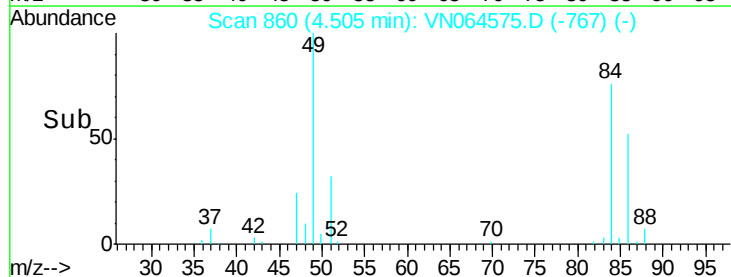
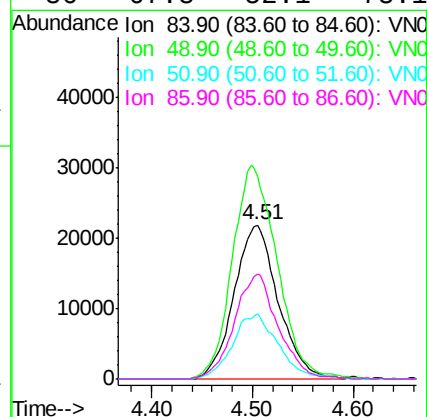
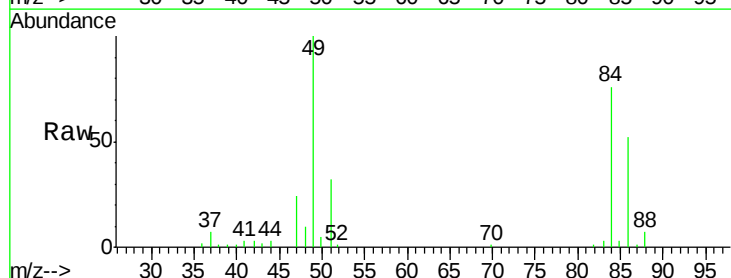
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

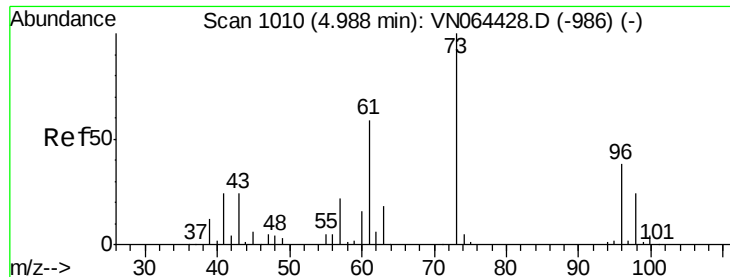
Tot Ion: 73 Resp: 194486
Ion Ratio Lower Upper
73 100
57 23.6 17.7 26.5



#20
Methylene Chloride
Concen: 17.765 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 84 Resp: 66306
Ion Ratio Lower Upper
84 100
49 131.0 110.1 165.1
51 42.6 33.6 50.4
86 67.8 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 17.688 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

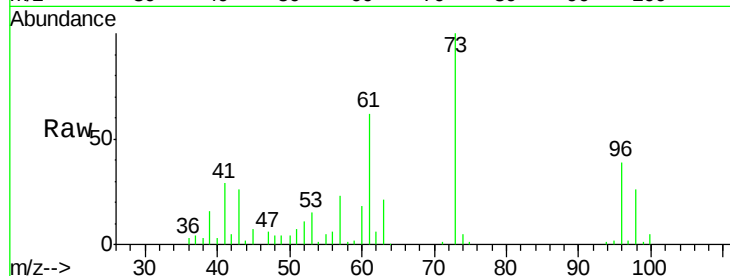
Tot Ion: 96 Resp: 60896

Ion Ratio Lower Upper

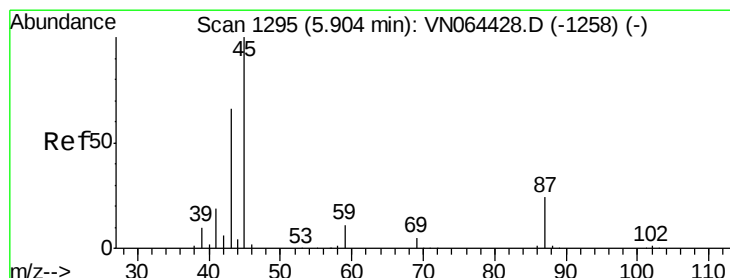
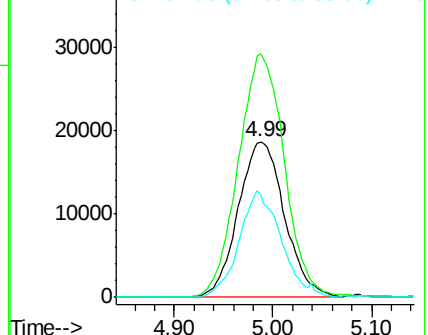
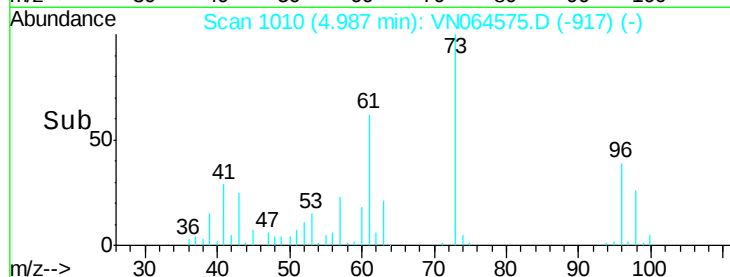
96 100

61 156.5 122.4 183.6

98 66.1 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VN064575.D (-917) (-)



#22

Diisopropyl ether

Concen: 17.708 ug/l

RT: 5.91 min Scan# 1297

Delta R.T. 0.01 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Tgt Ion: 45 Resp: 222958

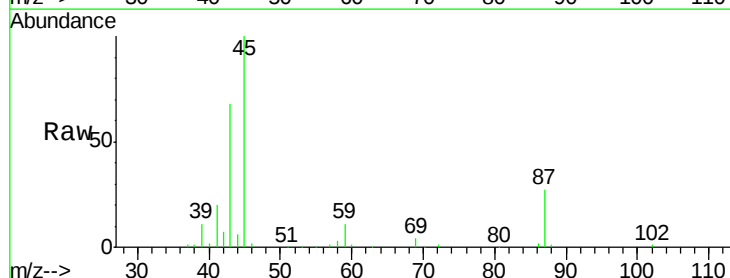
Ion Ratio Lower Upper

45 100

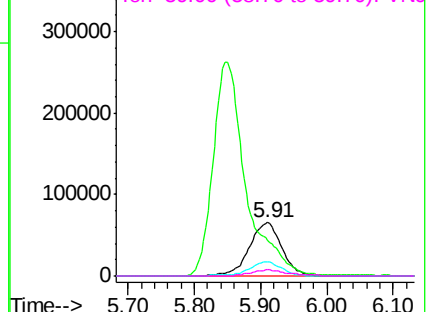
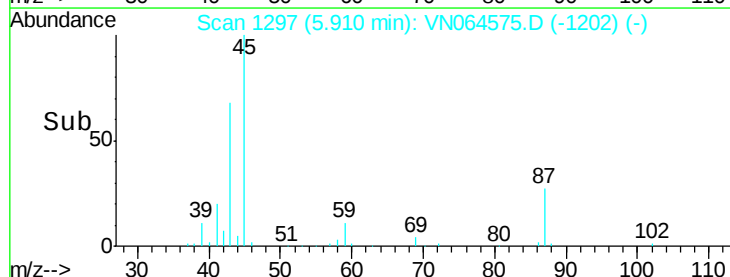
43 65.5 53.2 79.8

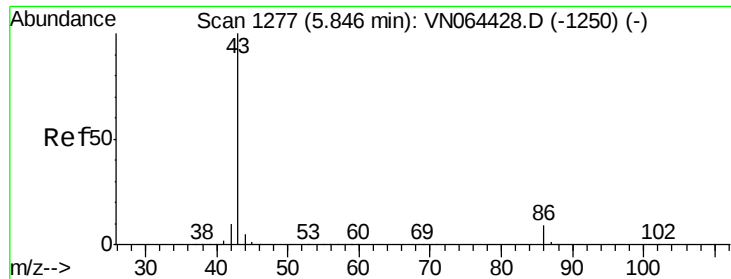
87 27.2 19.9 29.9

59 11.0 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN064575.D (-1202) (-)

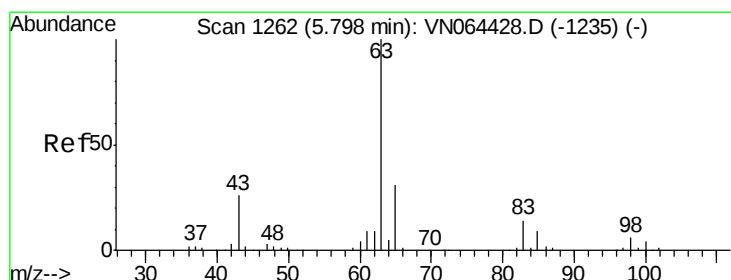
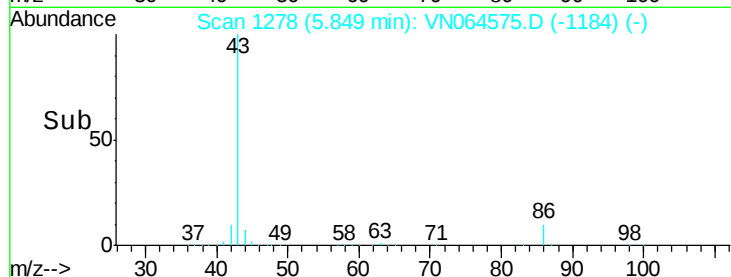
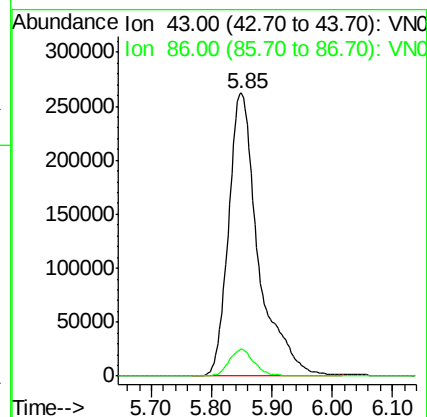
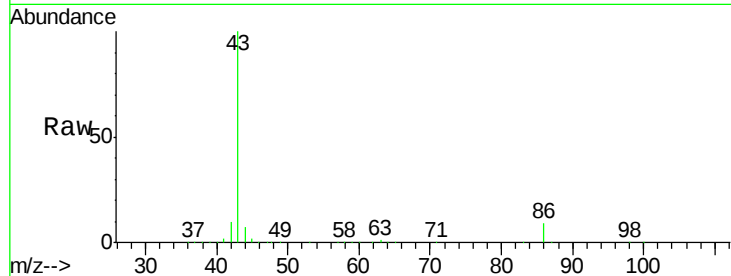




#23
 Vinyl Acetate
 Concen: 88.439 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

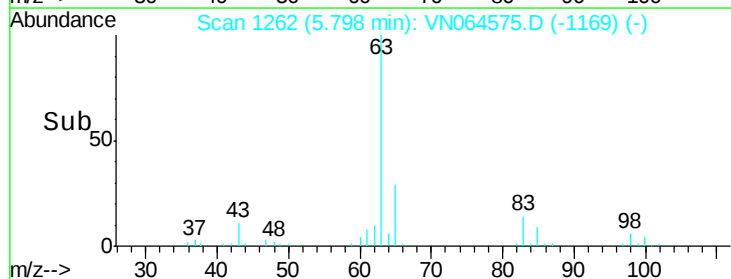
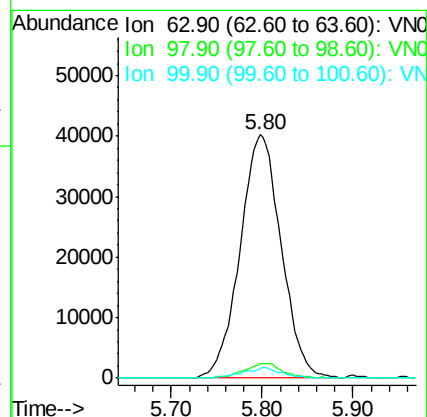
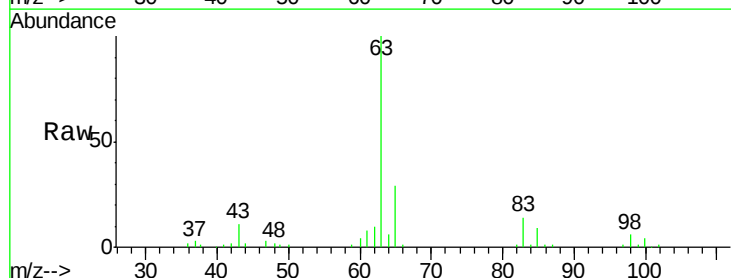
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

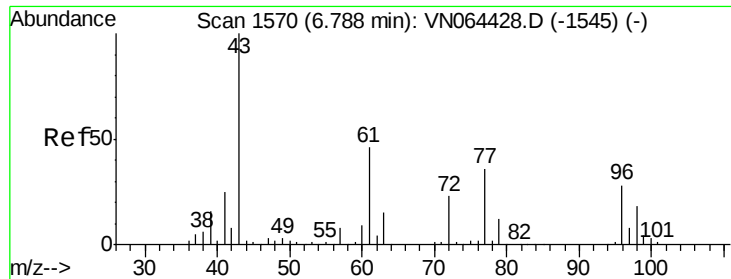
Tot Ion: 43 Resp: 905869
 Ion Ratio Lower Upper
 43 100
 86 9.5 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 18.215 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

Tgt Ion: 63 Resp: 126028
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.0 9.2
 100 4.1 1.8 5.3

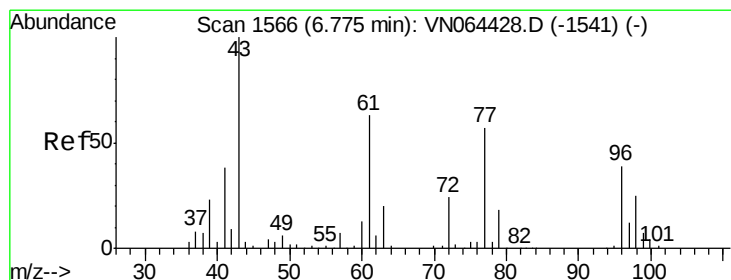
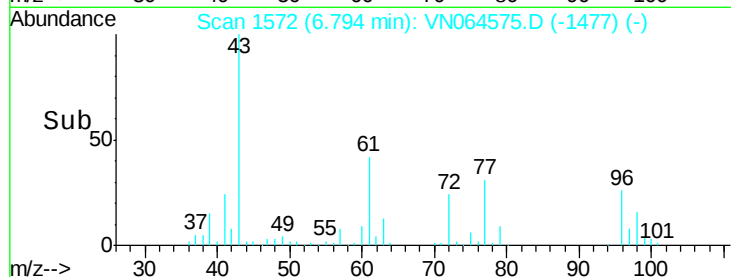
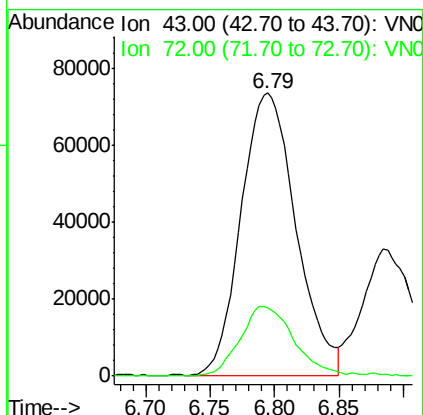
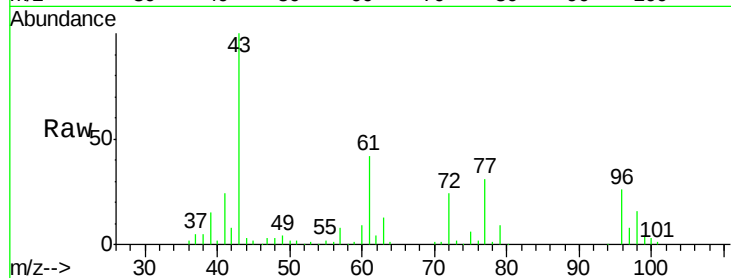




#25
2-Butanone
Concen: 90.574 ug/l
RT: 6.79 min Scan# 1572
Delta R.T. 0.01 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

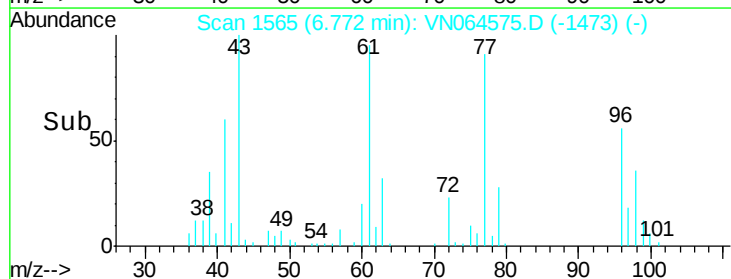
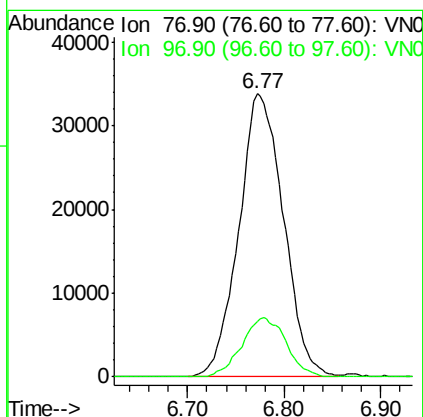
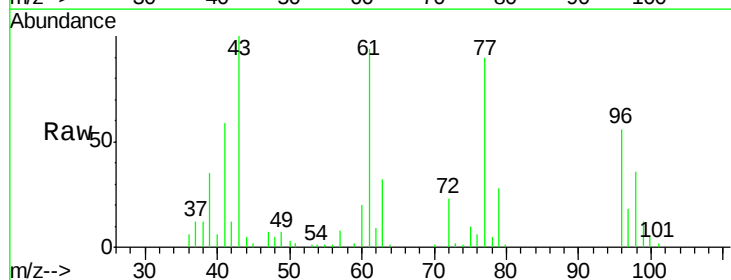
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

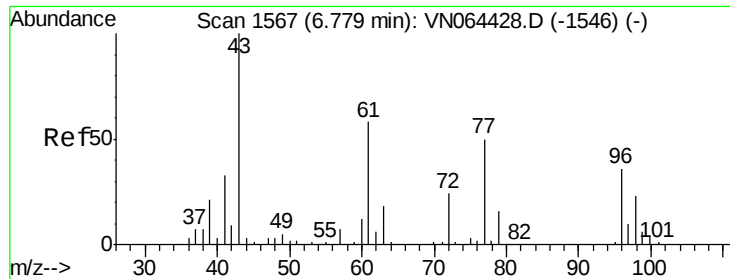
Tot Ion: 43 Resp: 217091
Ion Ratio Lower Upper
43 100
72 24.2 18.5 27.7



#26
2,2-Dichloropropane
Concen: 17.269 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 77 Resp: 108160
Ion Ratio Lower Upper
77 100
97 20.9 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 17.443 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

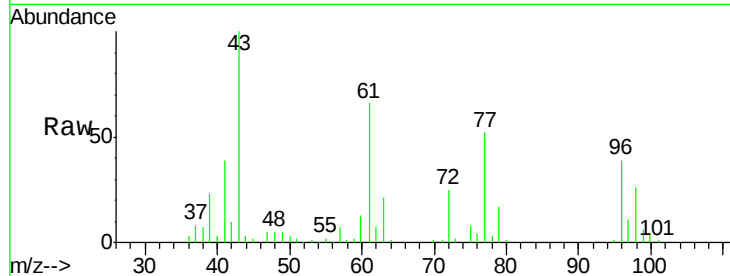
Tot Ion: 96 Resp: 69586

Ion Ratio Lower Upper

96 100

61 166.2 0.0 329.6

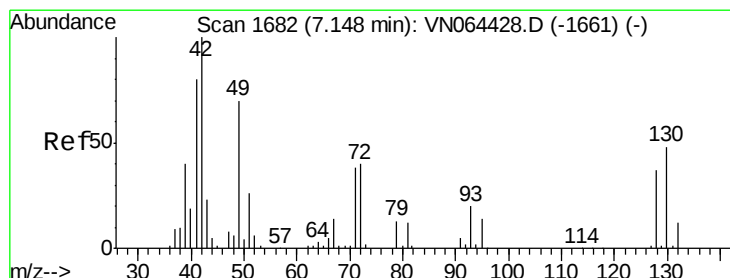
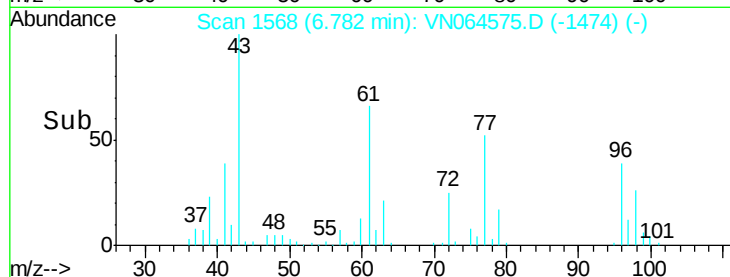
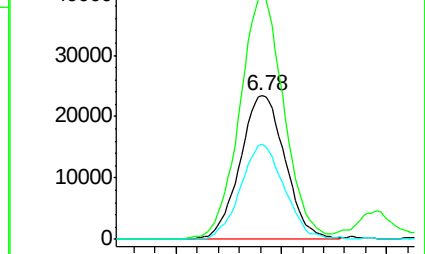
98 64.0 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064428.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064428.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1546) (-)



#28

Bromochloromethane

Concen: 17.966 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

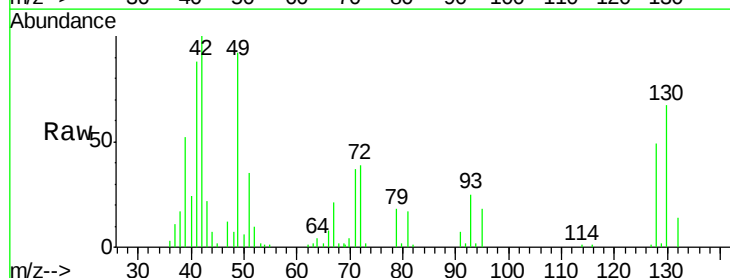
Tgt Ion: 49 Resp: 61099

Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.6

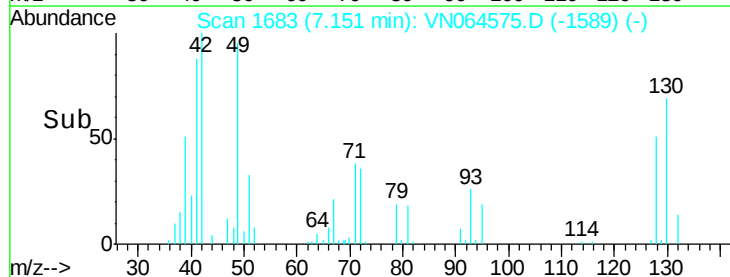
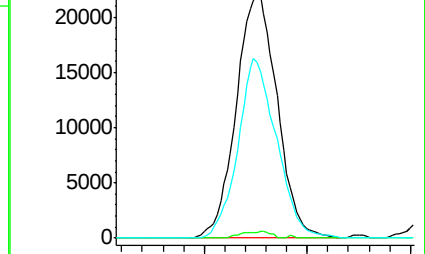
130 69.3 54.2 81.4



Abundance Ion 48.90 (48.60 to 49.60): VN064428.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064428.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064428.D (-1661) (-)

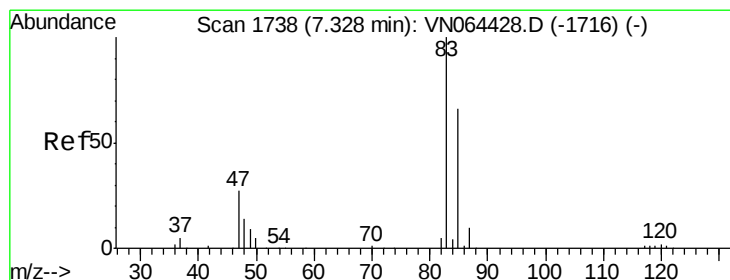
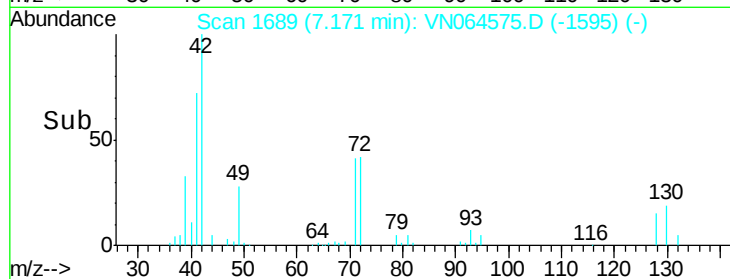
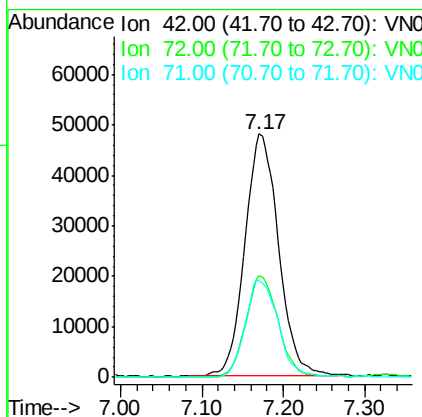
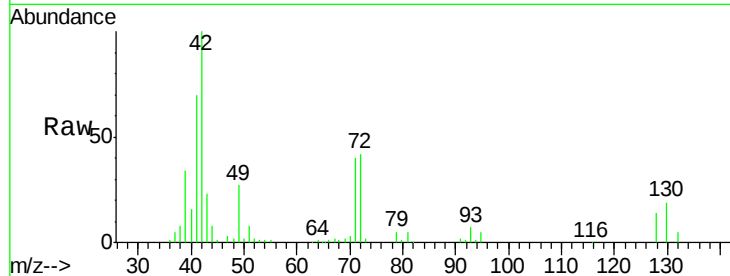




#29
Tetrahydrofuran
Concen: 92.941 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

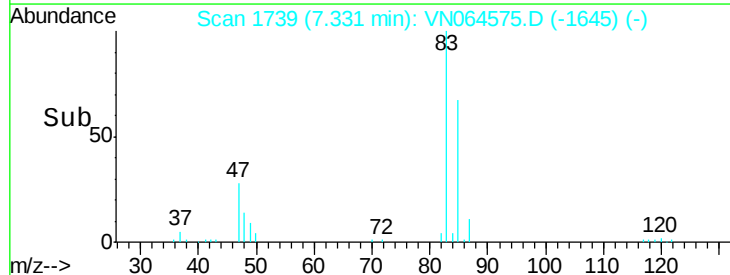
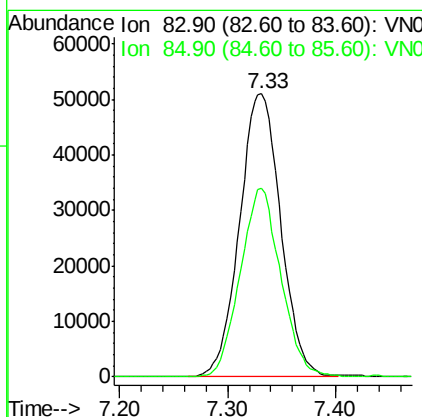
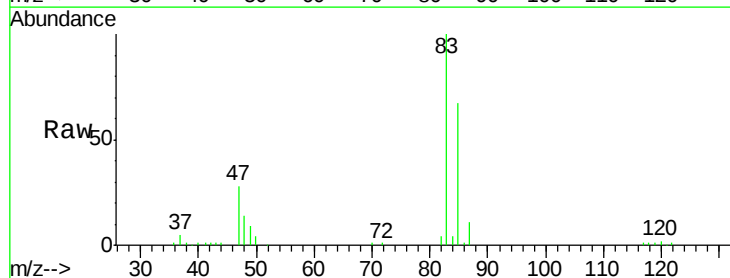
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

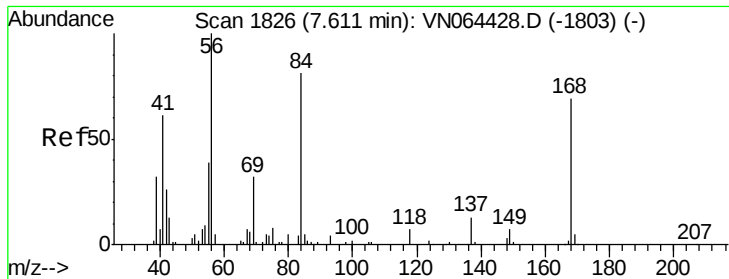
Tot Ion: 42 Resp: 136672
Ion Ratio Lower Upper
42 100
72 40.4 31.7 47.5
71 39.4 29.8 44.6



#30
Chloroform
Concen: 18.632 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 83 Resp: 135506
Ion Ratio Lower Upper
83 100
85 66.8 52.5 78.7

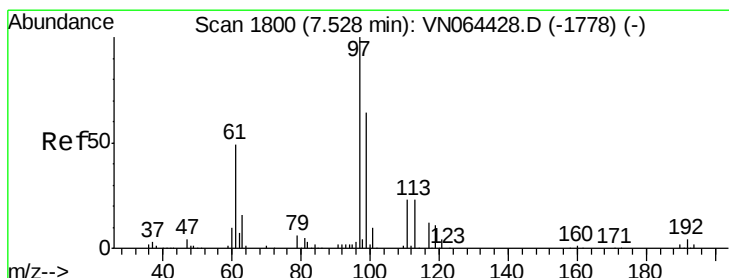
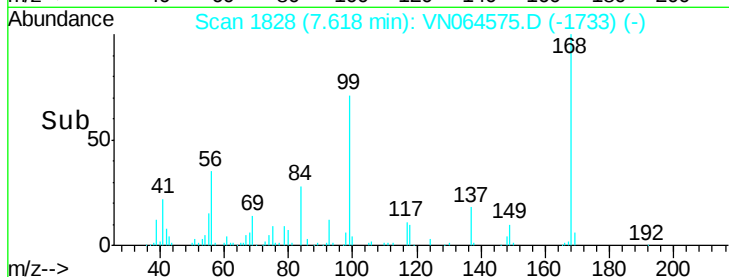
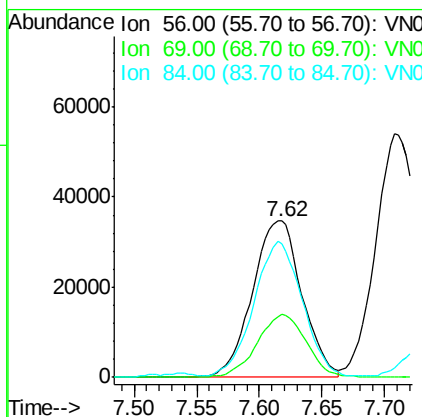
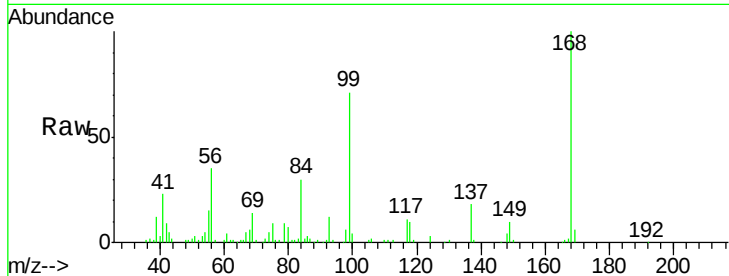




#31
Cyclohexane
Concen: 15.914 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

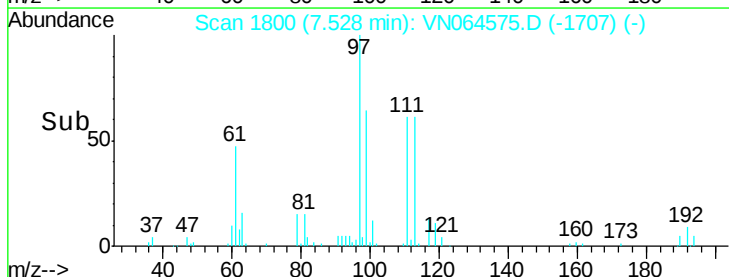
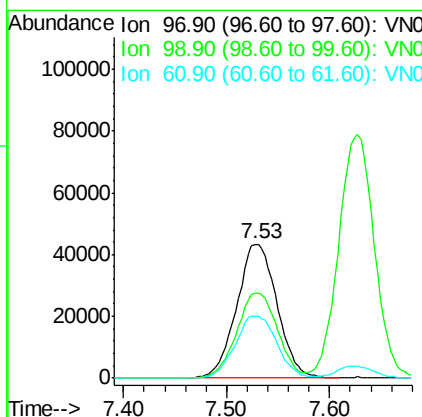
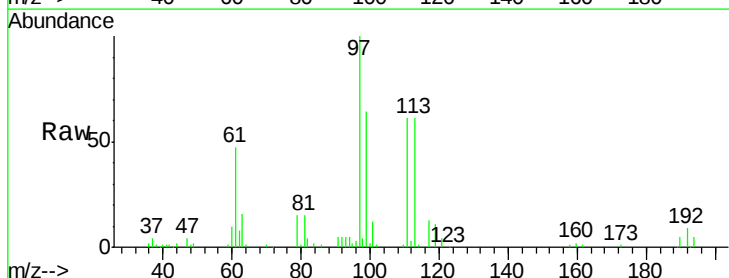
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

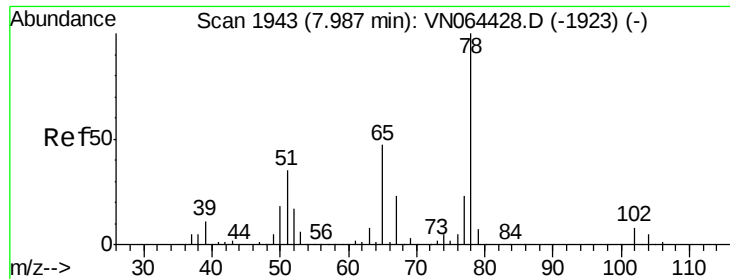
Tot Ion: 56 Resp: 95533
Ion Ratio Lower Upper
56 100
69 40.0 25.6 38.4#
84 83.9 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 18.289 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 97 Resp: 117973
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 47.8 39.1 58.7





#33

1,2-Dichloroethane-d4

Concen: 50.034 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

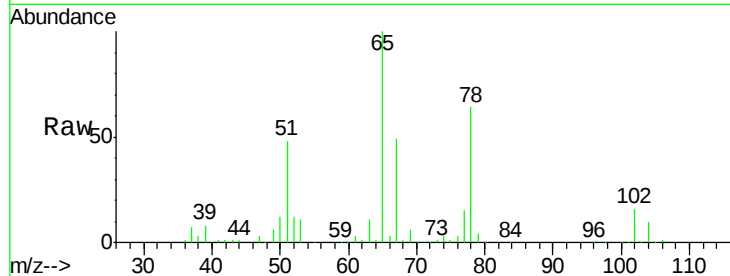
VN1112WBSD01

Tot Ion: 65 Resp: 247090

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)

7.99

120000

100000

80000

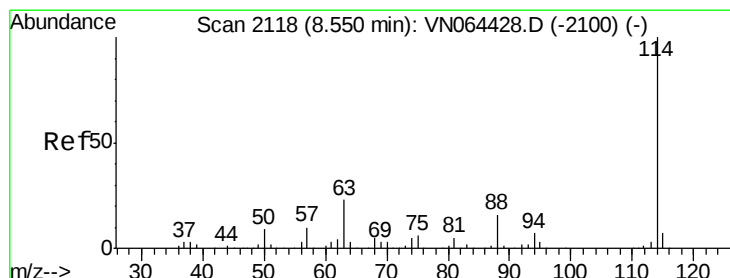
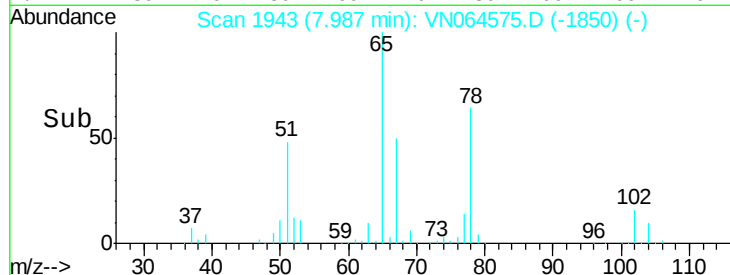
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

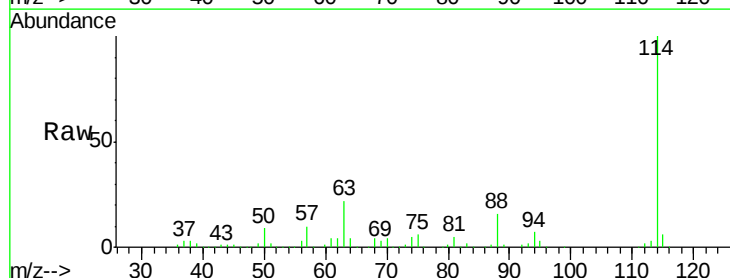
Tgt Ion: 114 Resp: 491997

Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.6

88 15.8 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

8.55

300000

250000

200000

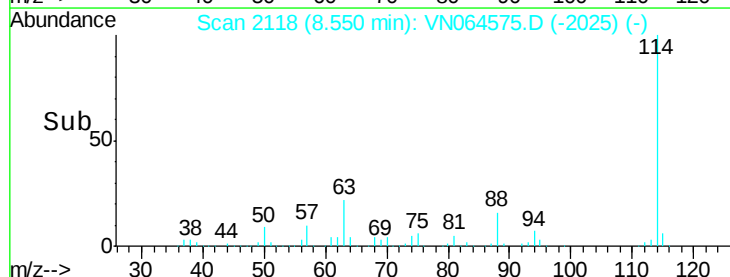
150000

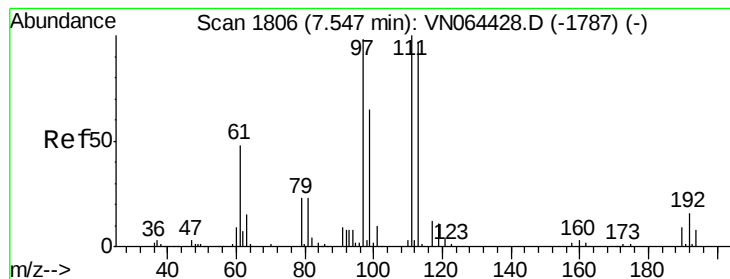
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.265 ug/l

RT: 7.55 min Scan# 1808

Delta R.T. 0.01 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

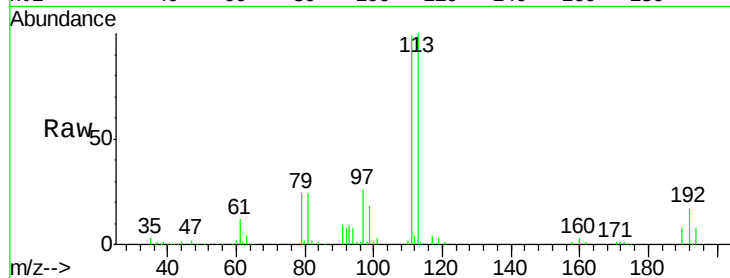
Tot Ion:113 Resp: 171729

Ion Ratio Lower Upper

113 100

111 102.1 81.1 121.7

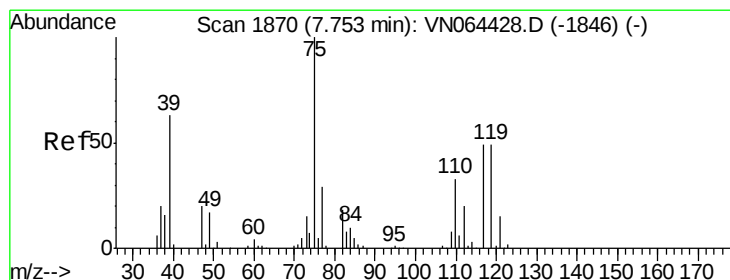
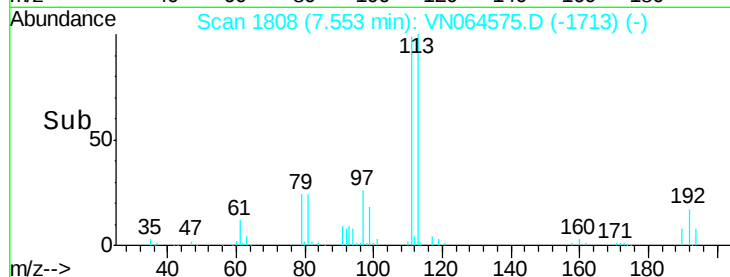
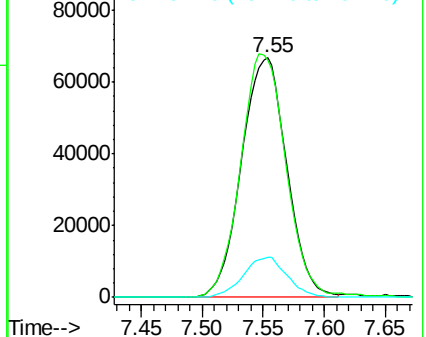
192 16.2 12.8 19.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 17.706 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

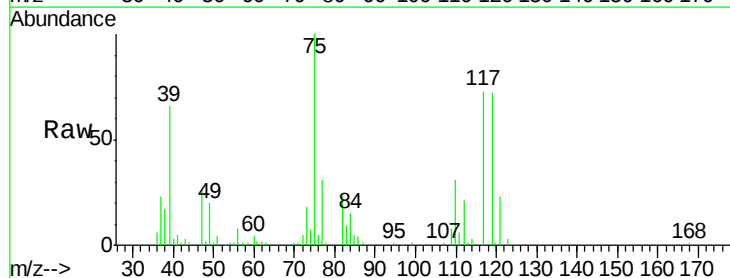
Tgt Ion: 75 Resp: 92028

Ion Ratio Lower Upper

75 100

110 31.0 16.0 48.0

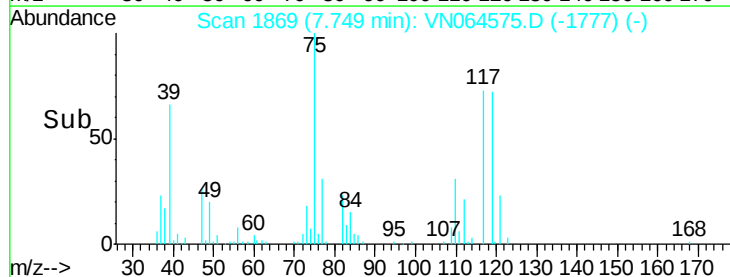
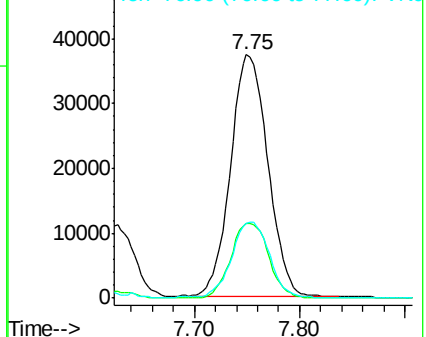
77 32.0 24.0 36.0

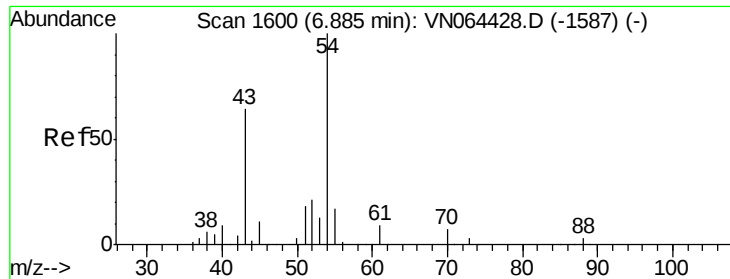


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

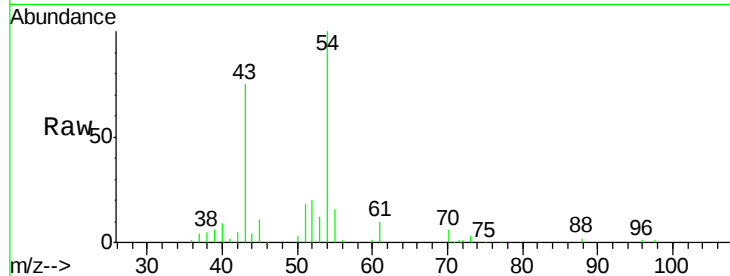




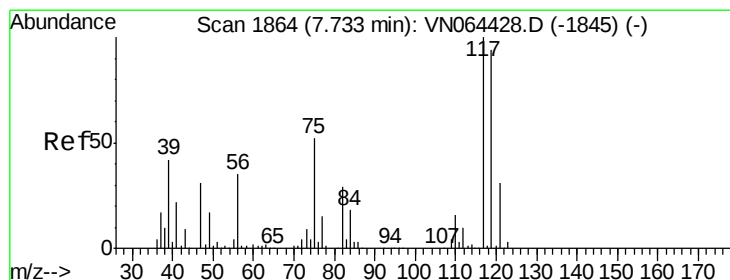
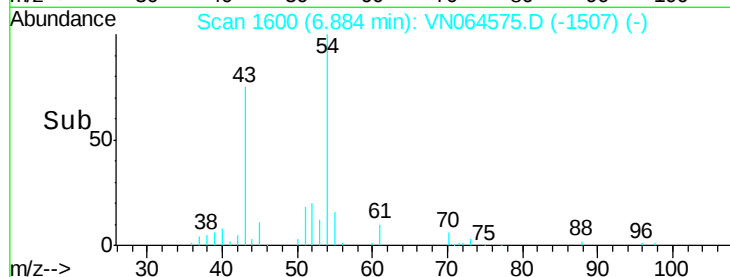
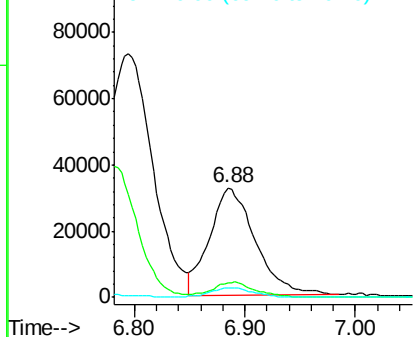
#37
Ethyl Acetate
Concen: 18.152 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tot Ion: 43 Resp: 93157
Ion Ratio Lower Upper
43 100
61 12.3 10.0 15.0
70 8.4 7.1 10.7

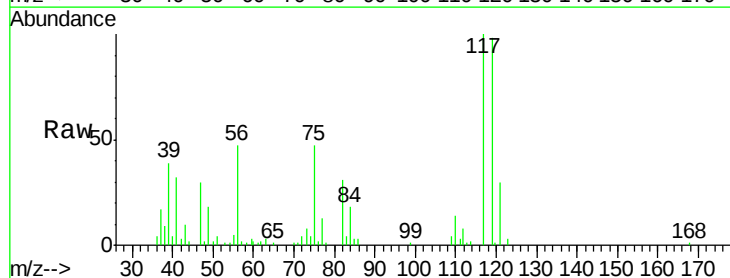


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

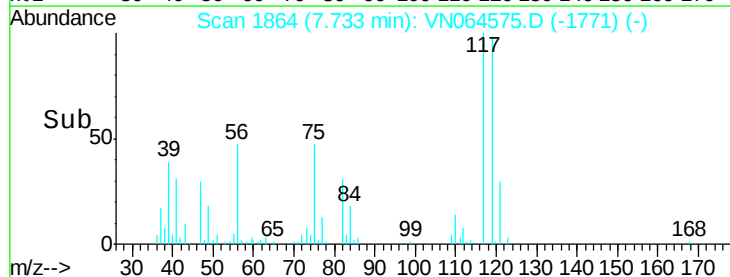
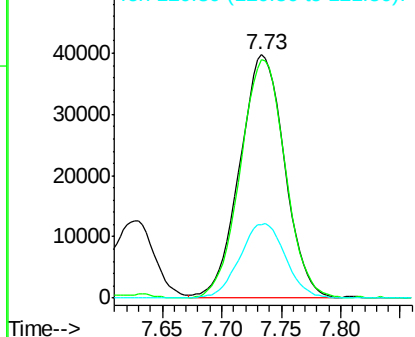


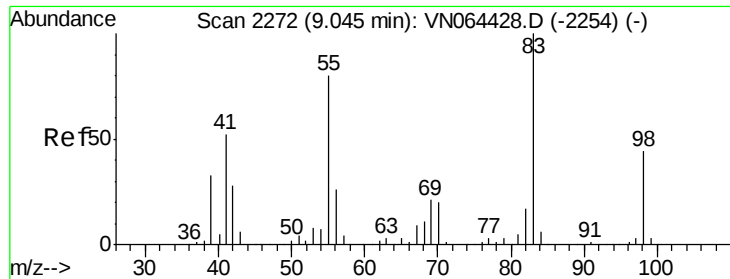
#38
Carbon Tetrachloride
Concen: 18.682 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 117 Resp: 103776
Ion Ratio Lower Upper
117 100
119 98.0 75.5 113.3
121 30.3 24.4 36.6



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

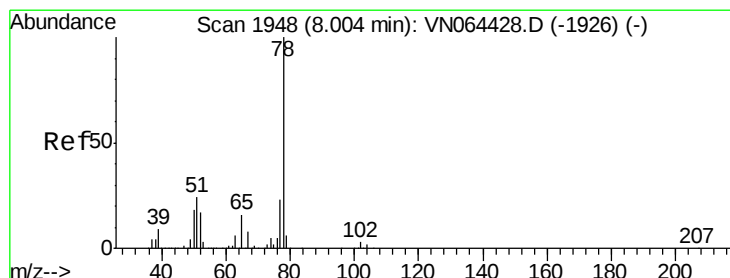
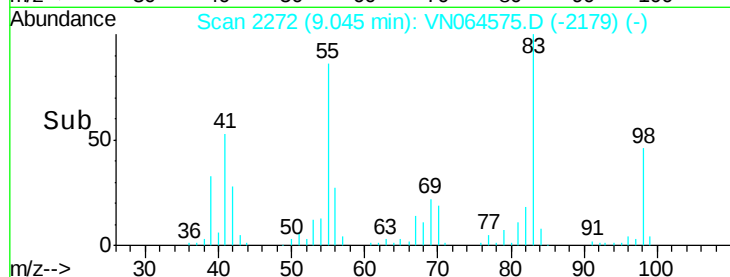
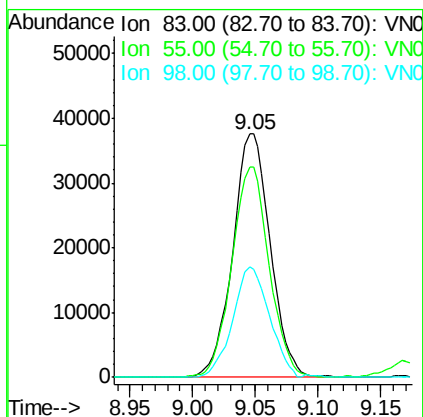
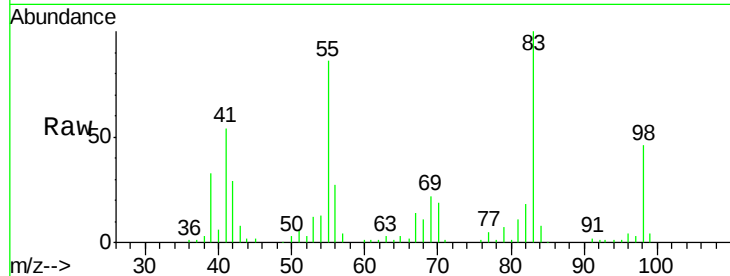




#39
Methvlcvclohexane
Concen: 16.771 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

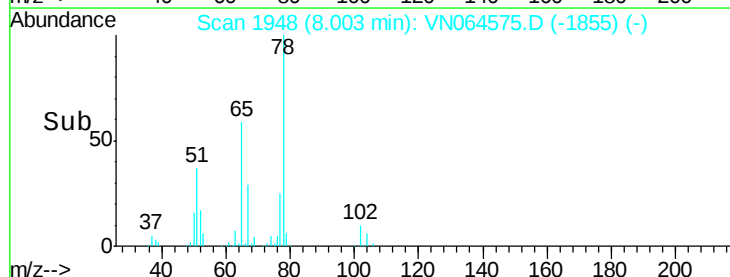
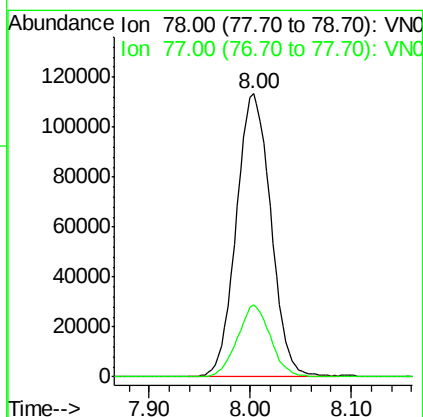
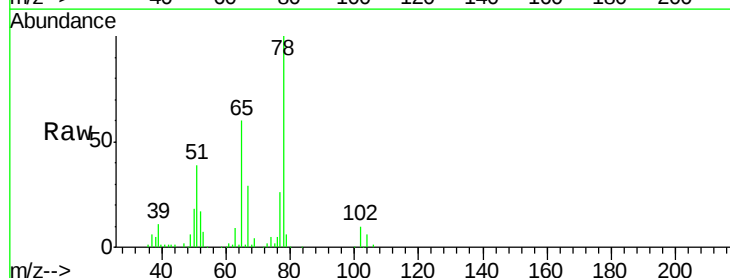
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

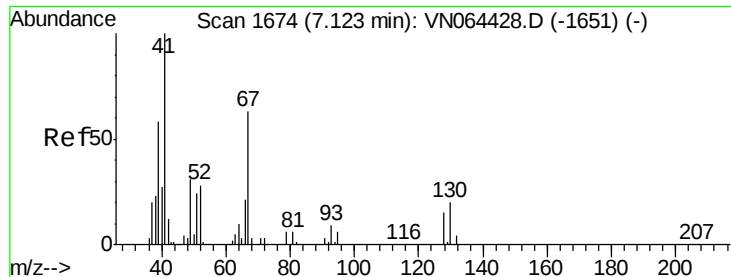
Tot Ion: 83 Resp: 78139
Ion Ratio Lower Upper
83 100
55 86.3 63.8 95.6
98 45.6 35.4 53.2



#40
Benzene
Concen: 17.643 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 78 Resp: 269458
Ion Ratio Lower Upper
78 100
77 25.6 18.7 28.1

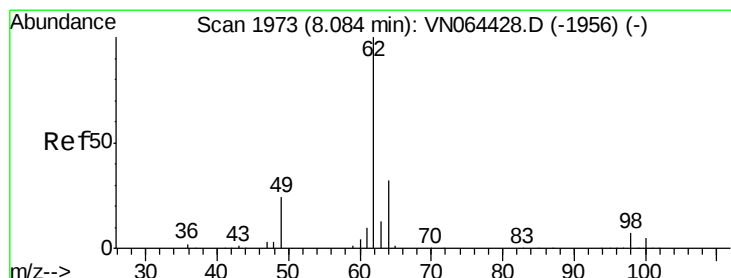
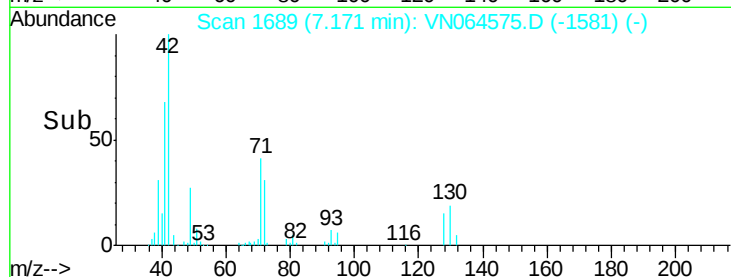
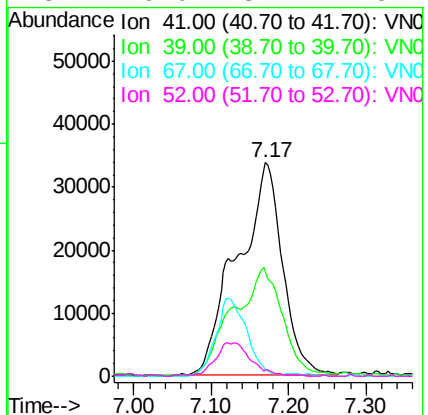
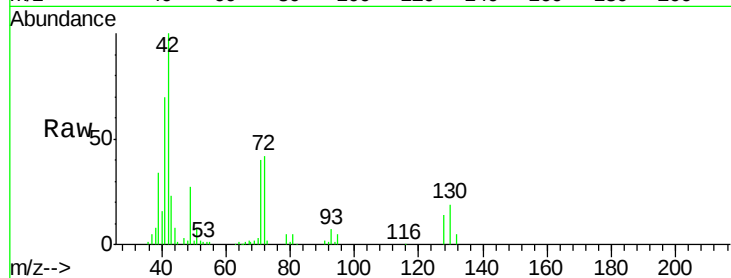




#41
Methacrylonitrile
Concen: 59.517 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.05 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

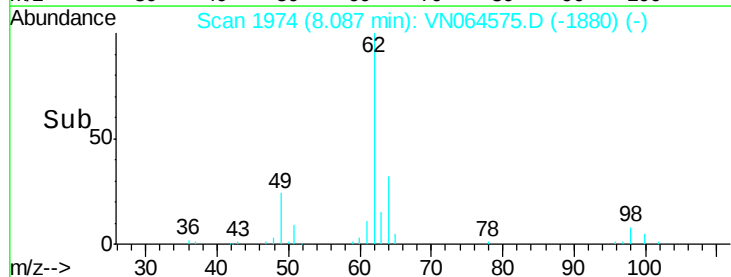
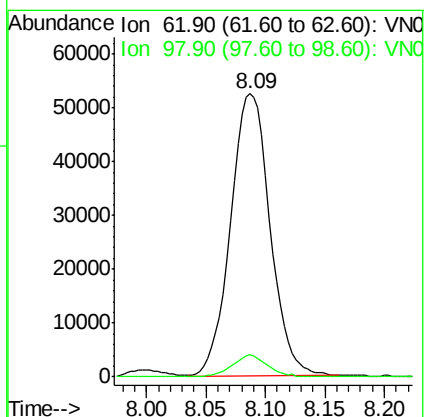
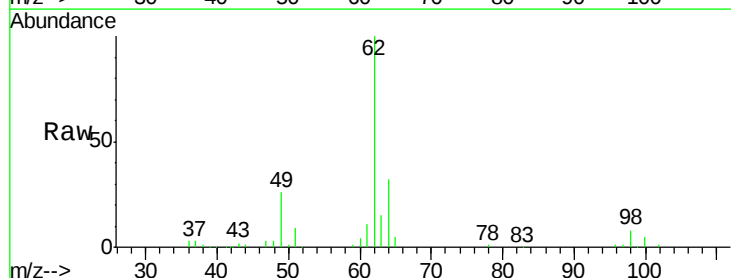
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

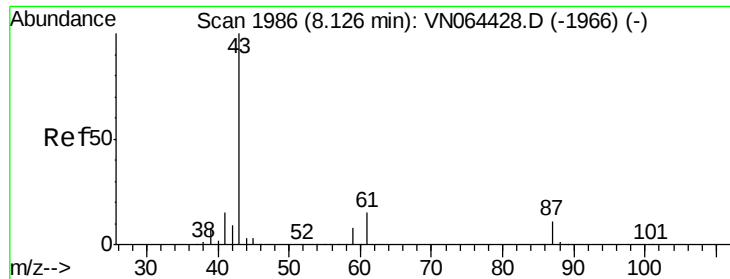
Tot Ion: 41 Resp: 137148
Ion Ratio Lower Upper
41 100
39 30.6 50.0 75.0#
67 0.0 68.3 102.5#
52 0.0 32.7 49.1#



#42
1,2-Dichloroethane
Concen: 19.579 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 62 Resp: 120679
Ion Ratio Lower Upper
62 100
98 7.0 0.0 14.0



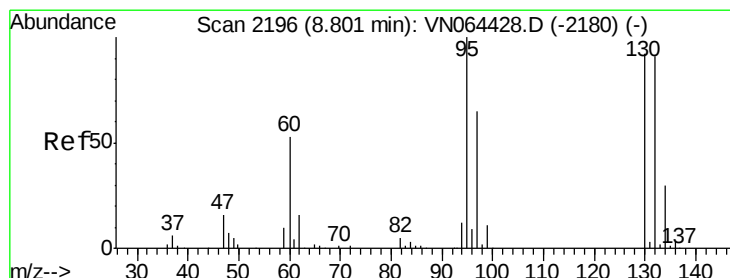
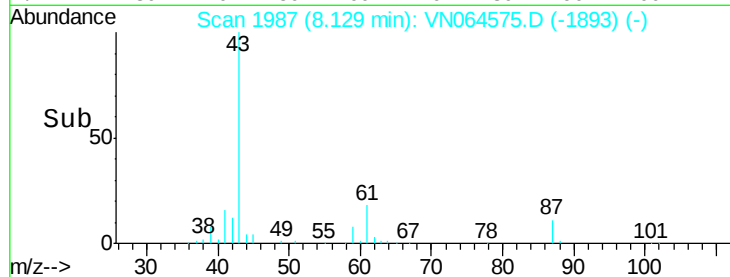
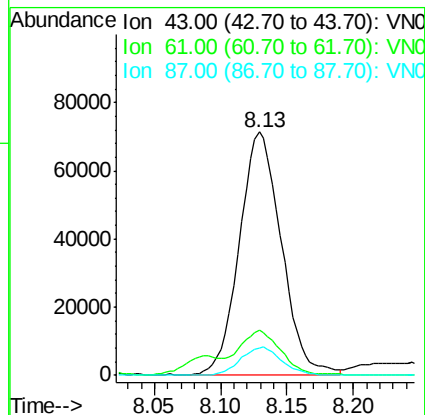
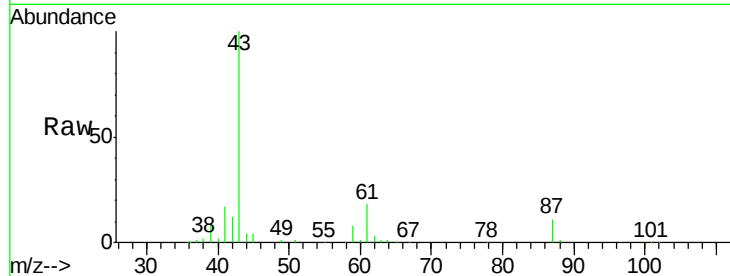


#43

Isopropyl Acetate
 Concen: 18.482 ug/l
 RT: 8.13 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

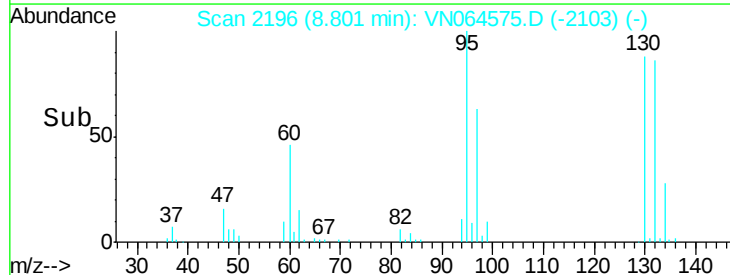
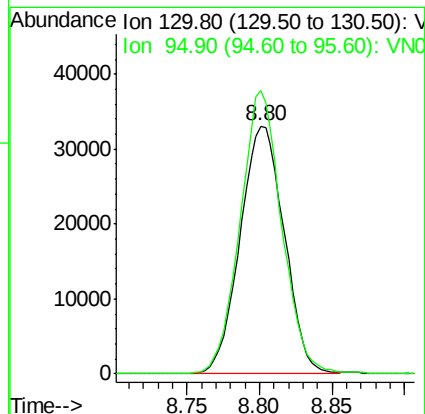
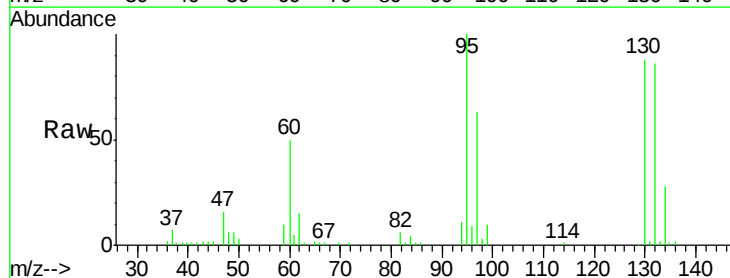
Tot Ion: 43 Resp: 155673
 Ion Ratio Lower Upper
 43 100
 61 18.6 14.0 21.0
 87 11.5 9.1 13.7

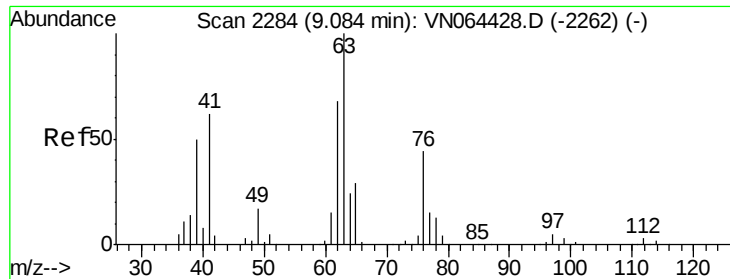


#44

Trichloroethene
 Concen: 18.151 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

Tgt Ion: 130 Resp: 69943
 Ion Ratio Lower Upper
 130 100
 95 114.3 0.0 216.8

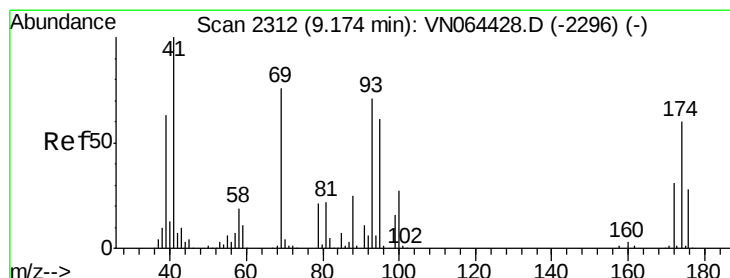
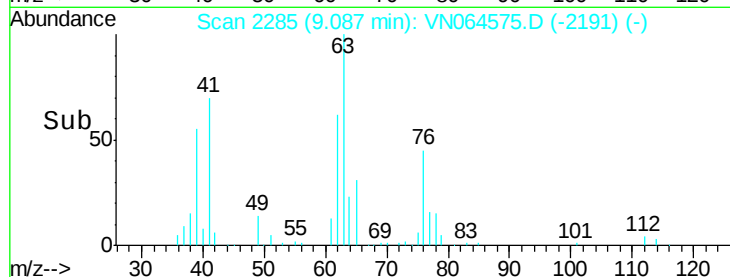
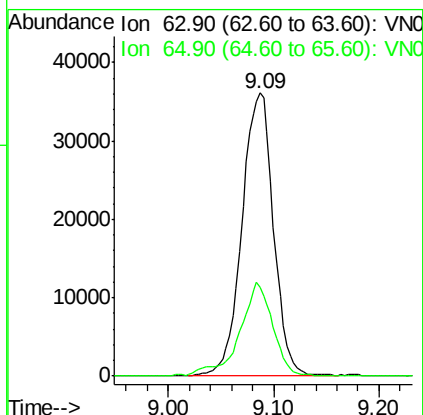
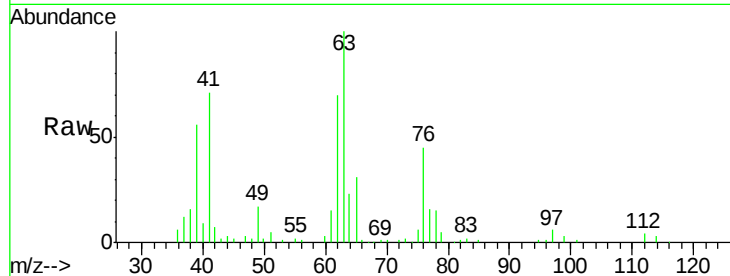




#45
 1,2-Dichloropropane
 Concen: 18.420 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

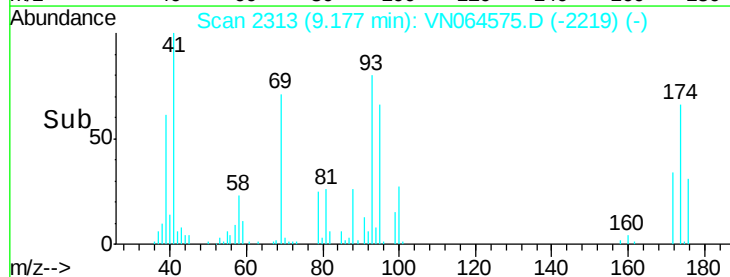
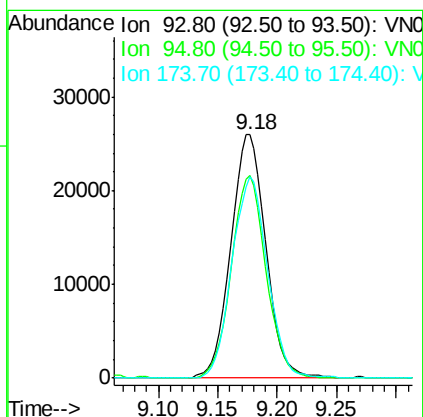
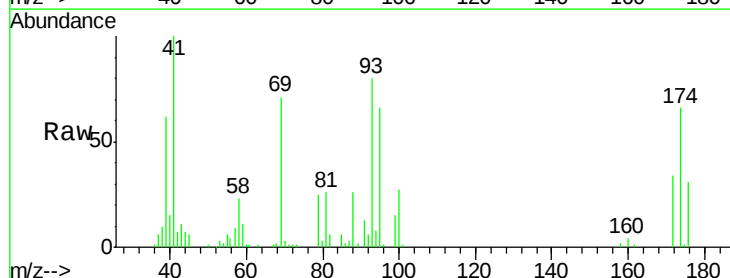
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

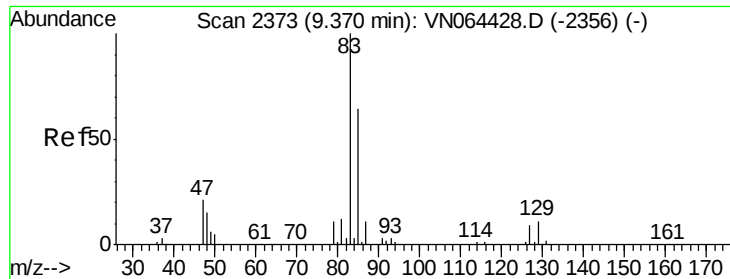
Tot Ion: 63 Resp: 75066
 Ion Ratio Lower Upper
 63 100
 65 31.4 23.6 35.4



#46
 Dibromomethane
 Concen: 19.758 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

Tgt Ion: 93 Resp: 53005
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.4 99.6
 174 83.7 67.2 100.8





#47

Bromodichloromethane

Concen: 19.718 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

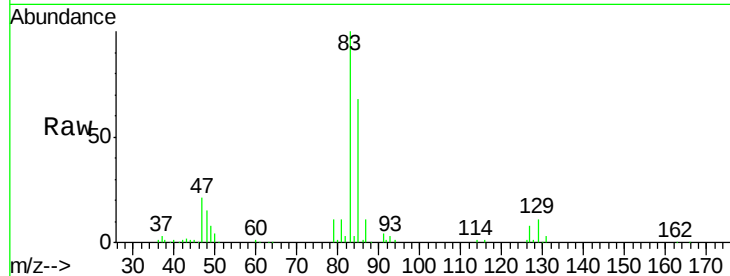
Tot Ion: 83 Resp: 113738

Ion Ratio Lower Upper

83 100

85 68.0 51.2 76.8

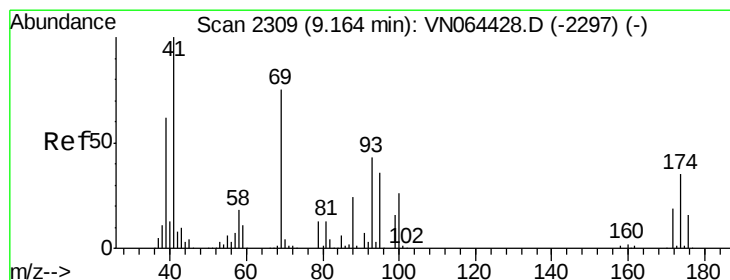
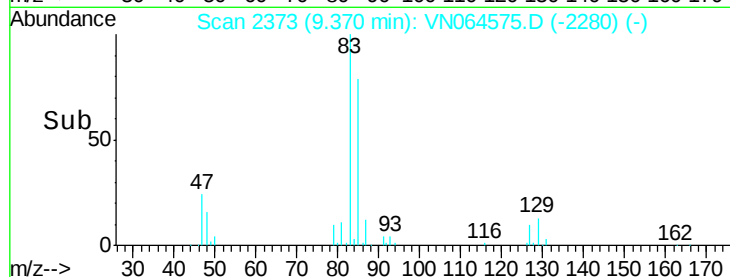
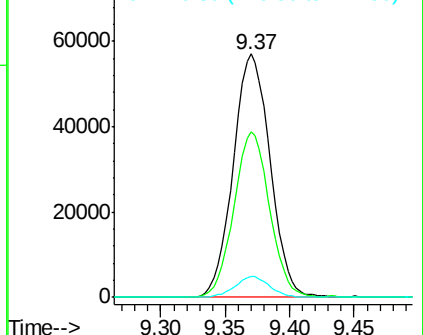
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064428.D (-2356) (-)



#48

Methyl methacrylate

Concen: 18.395 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

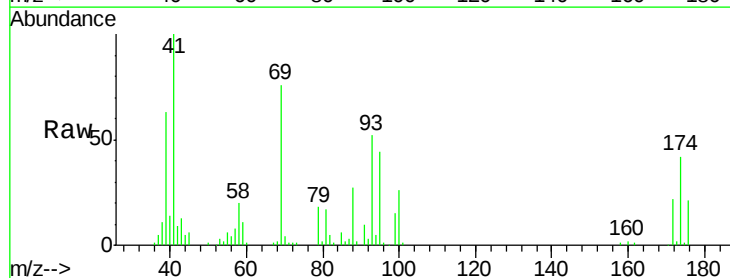
Tgt Ion: 41 Resp: 78187

Ion Ratio Lower Upper

41 100

69 74.5 60.4 90.6

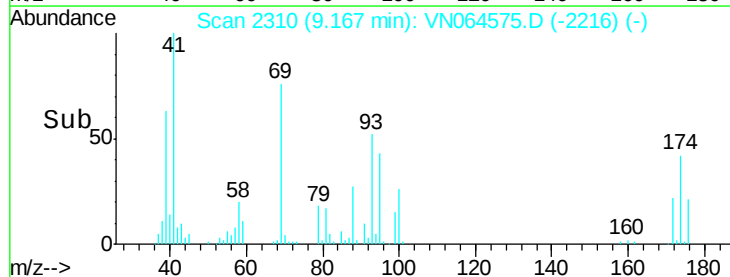
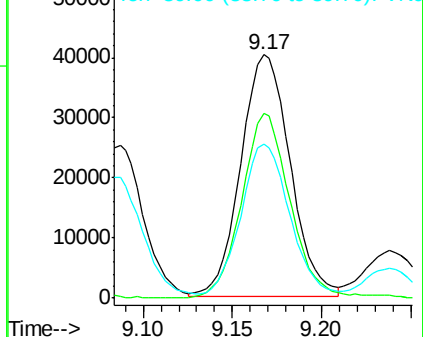
39 63.1 51.2 76.8

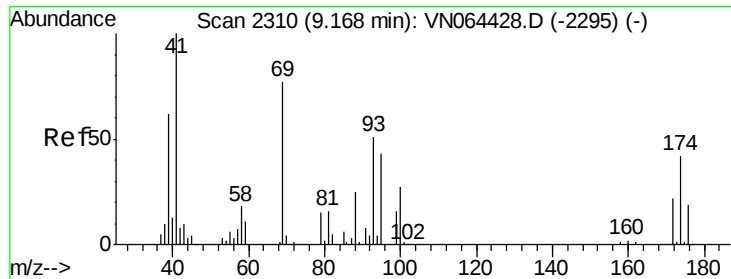


Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064428.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-2297) (-)





#49

1,4-Dioxane

Concen: 408.070 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

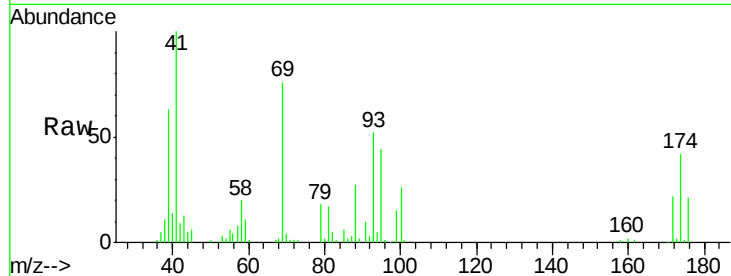
Tot Ion: 88 Resp: 22845

Ion Ratio Lower Upper

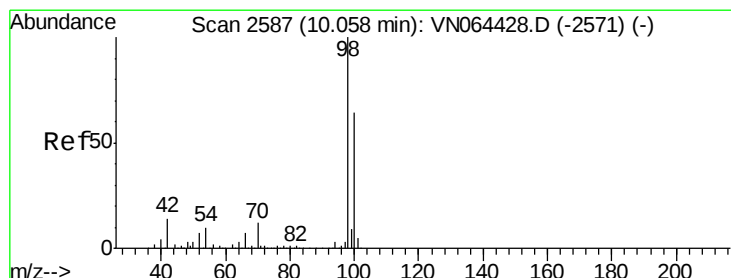
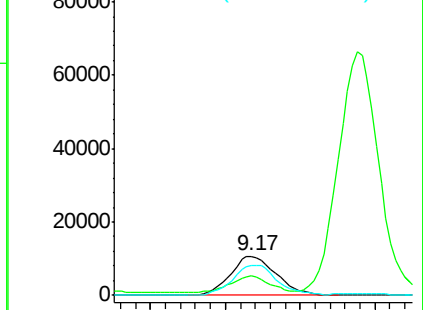
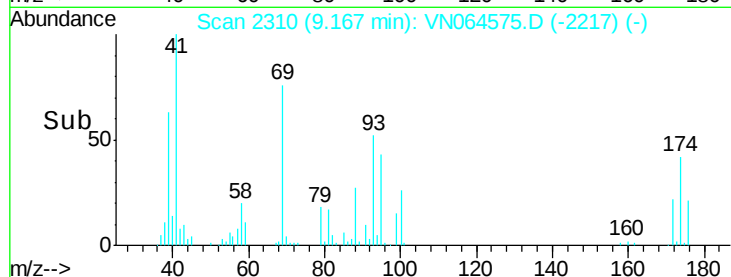
88 100

43 37.1 31.0 46.6

58 74.8 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN064575.D (-2217) (-)



#50

Toluene-d8

Concen: 48.809 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064575.D

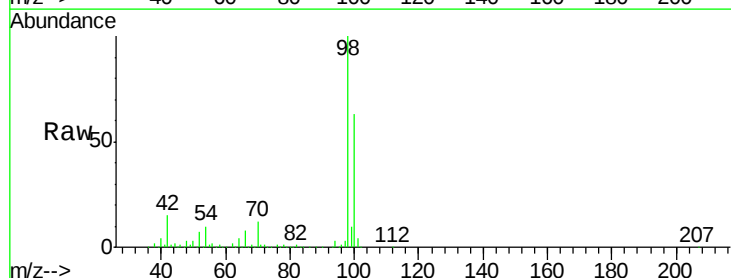
Acq: 12 Nov 2020 12:46

Tgt Ion: 98 Resp: 631937

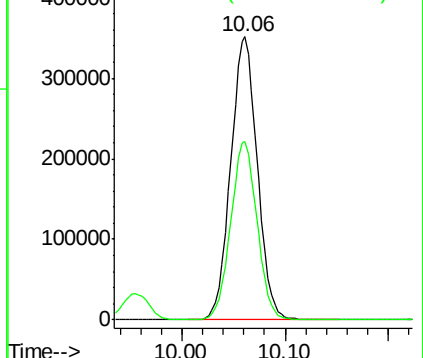
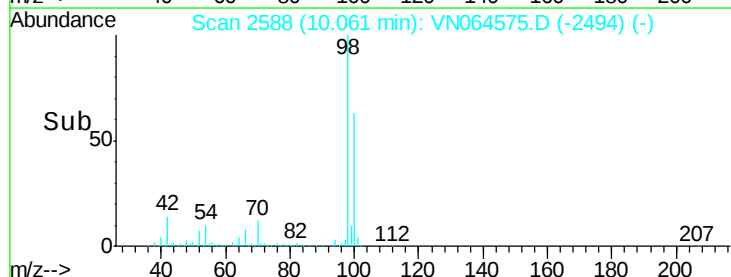
Ion Ratio Lower Upper

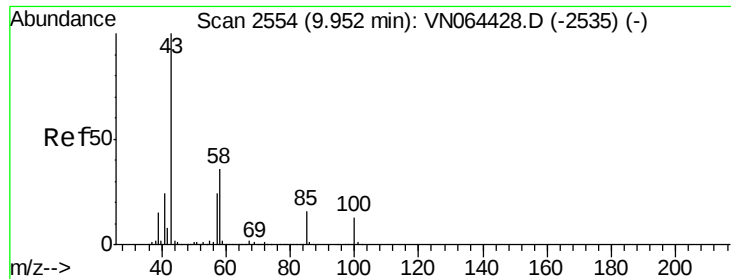
98 100

100 62.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064575.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 97.675 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

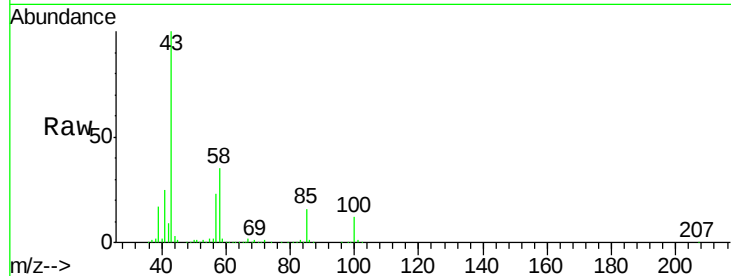
VN1112WBSD01

Tot Ion: 43 Resp: 479791

Ion Ratio Lower Upper

43 100

58 34.9 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.95

250000

200000

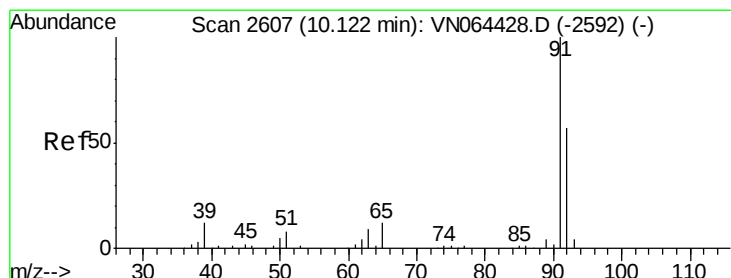
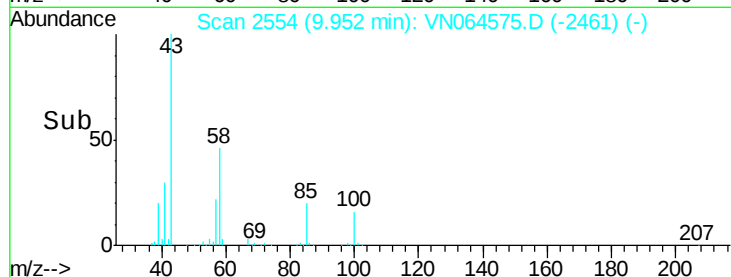
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 17.989 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064575.D

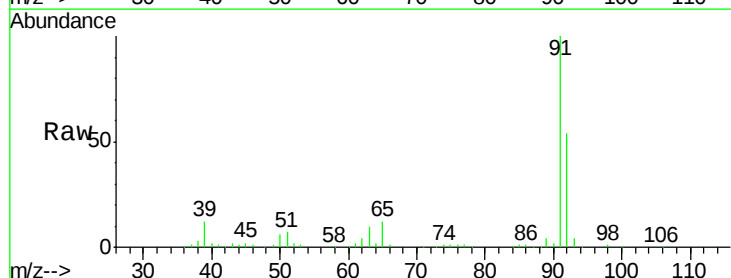
Acq: 12 Nov 2020 12:46

Tgt Ion: 92 Resp: 167576

Ion Ratio Lower Upper

92 100

91 180.9 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.13

200000

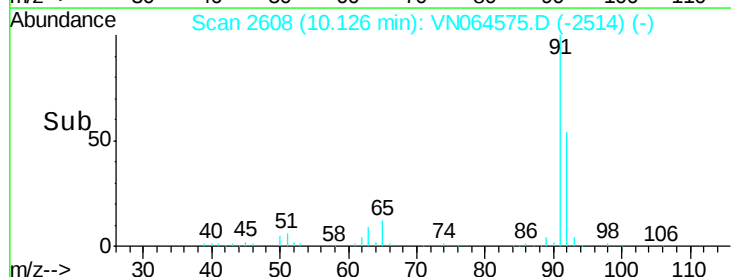
150000

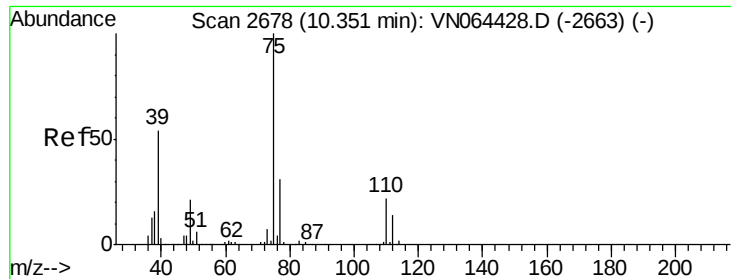
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.331 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

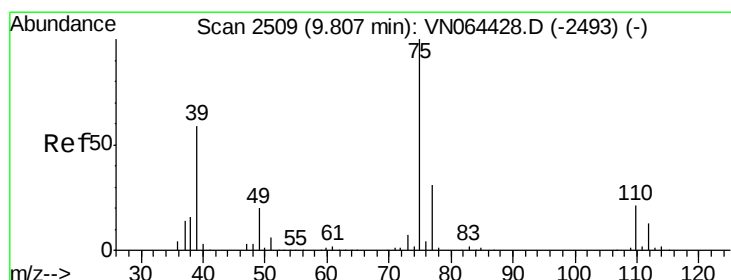
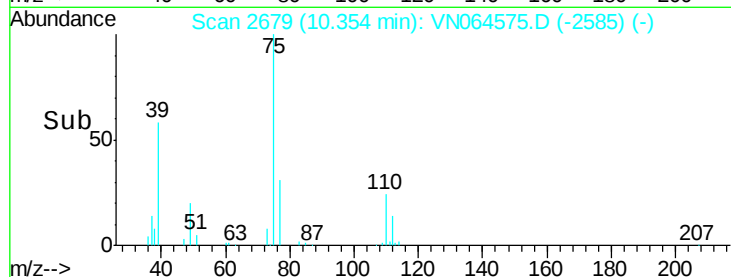
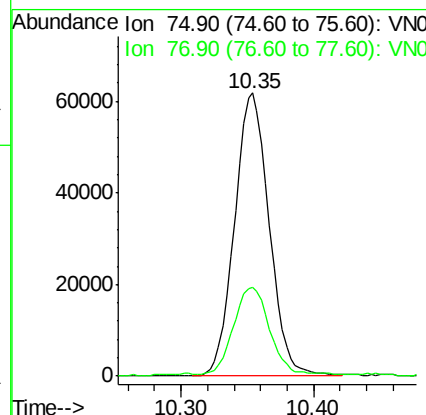
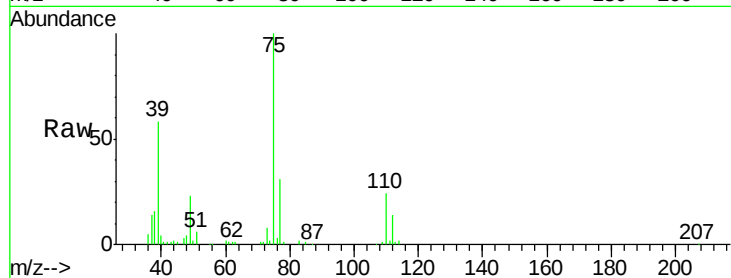
VN1112WBSD01

Tot Ion: 75 Resp: 112101

Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 17.884 ug/l

RT: 9.81 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

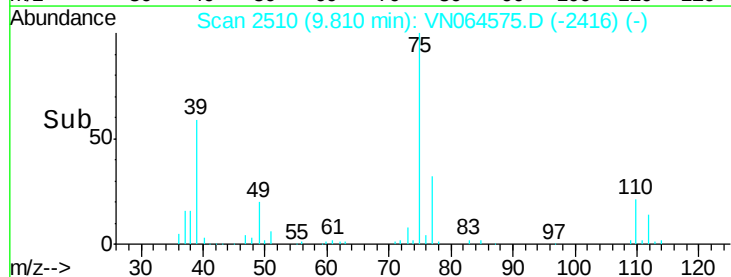
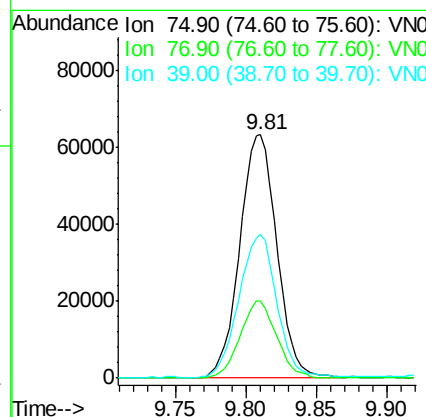
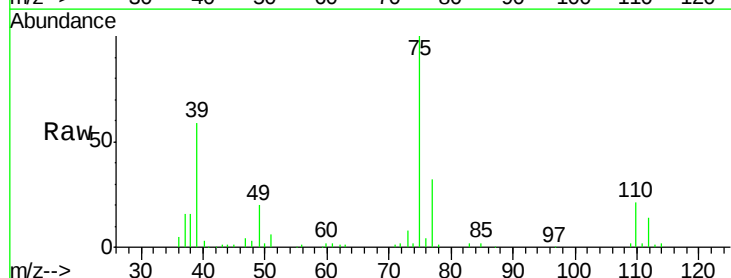
Tgt Ion: 75 Resp: 116935

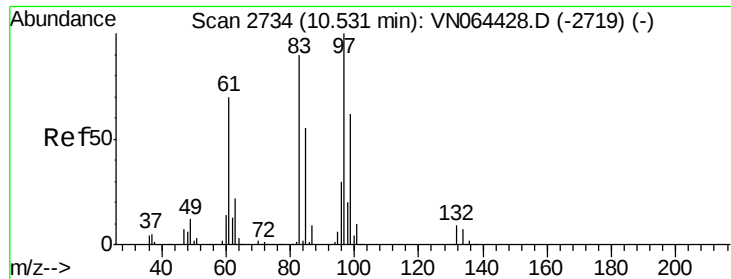
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 58.9 47.1 70.7

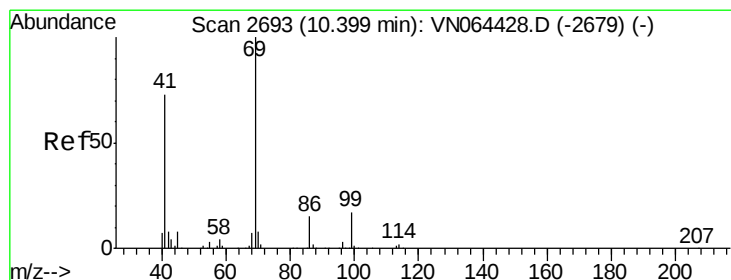
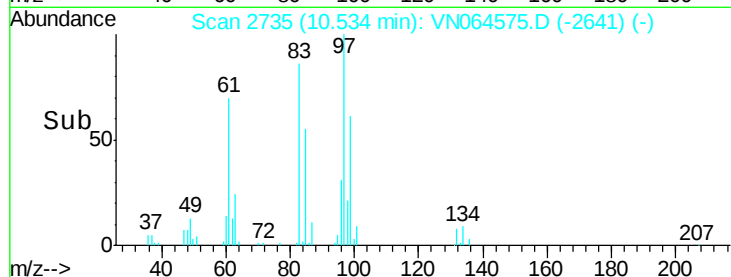
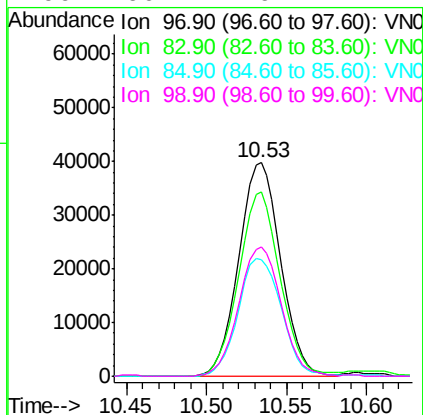
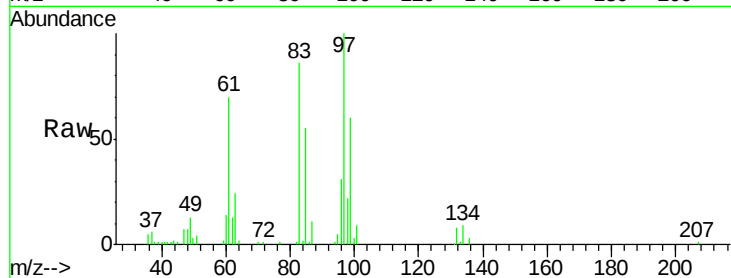




#55
 1,1,2-Trichloroethane
 Concen: 19.544 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

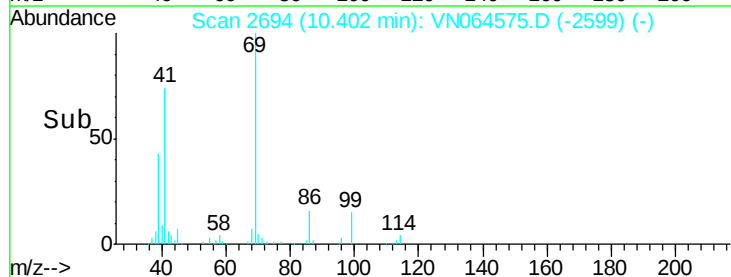
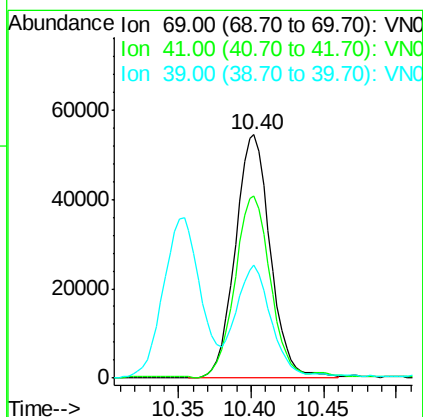
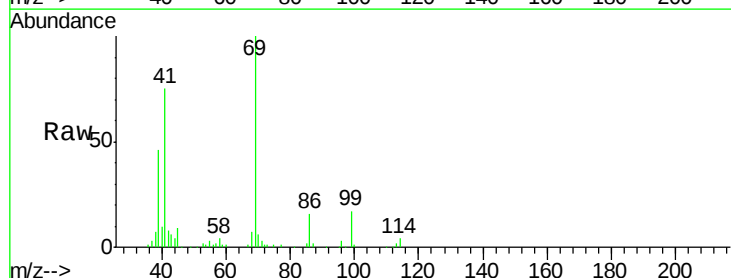
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

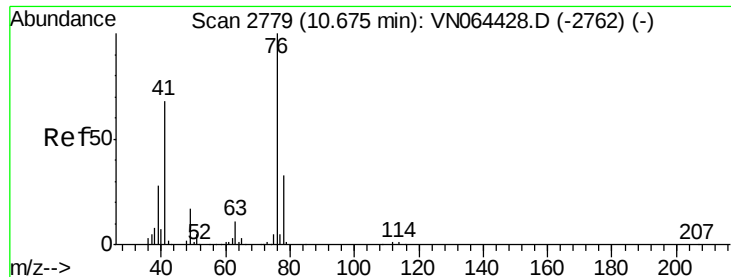
Tot Ion: 97 Resp: 71002
 Ion Ratio Lower Upper
 97 100
 83 86.1 71.7 107.5
 85 54.6 44.3 66.5
 99 60.4 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 16.595 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

Tgt Ion: 69 Resp: 91560
 Ion Ratio Lower Upper
 69 100
 41 74.5 59.3 88.9
 39 45.2 35.4 53.0





#57

1,3-Dichloropropane

Concen: 19.040 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

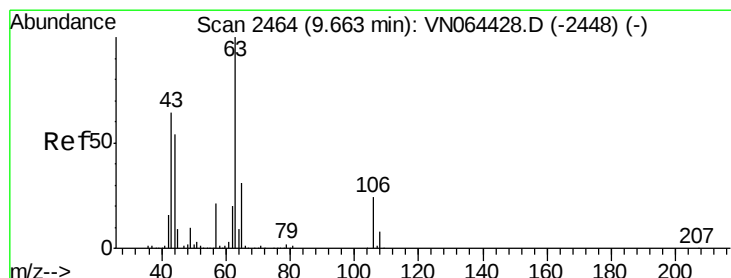
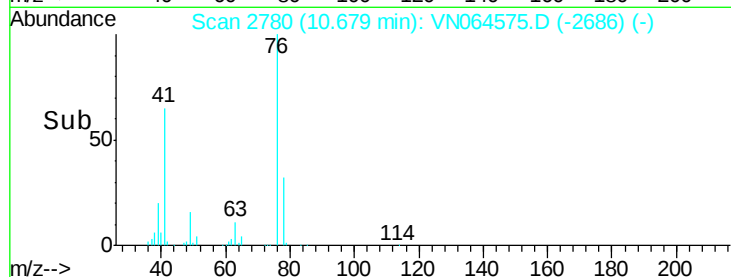
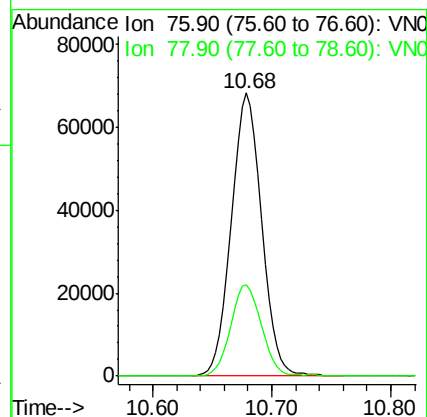
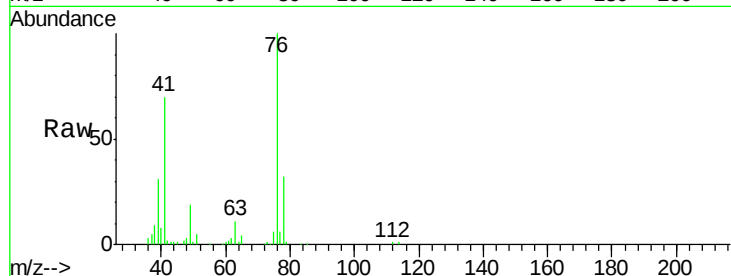
VN1112WBSD01

Tot Ion: 76 Resp: 120738

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 104.093 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064575.D

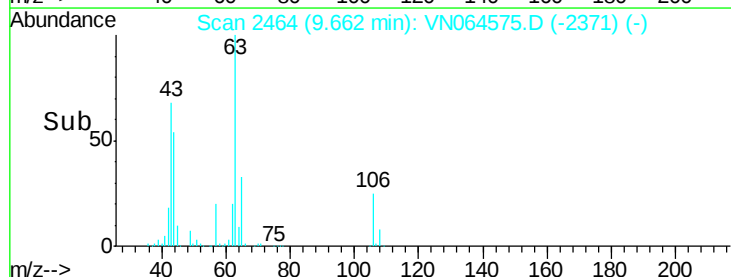
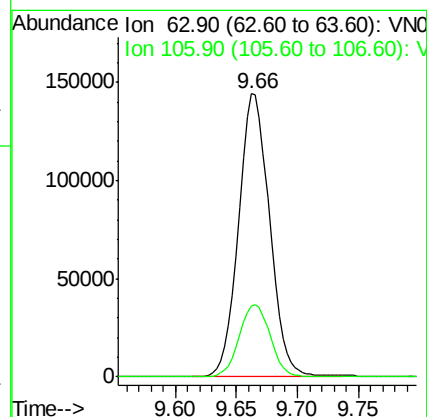
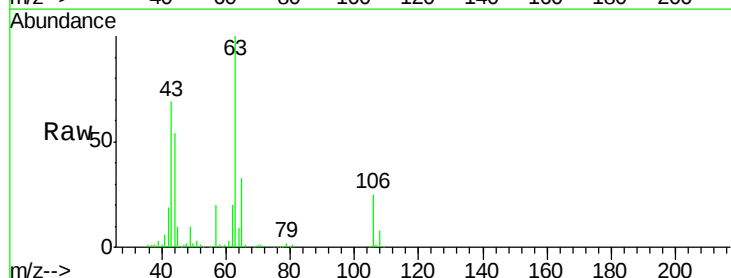
Acq: 12 Nov 2020 12:46

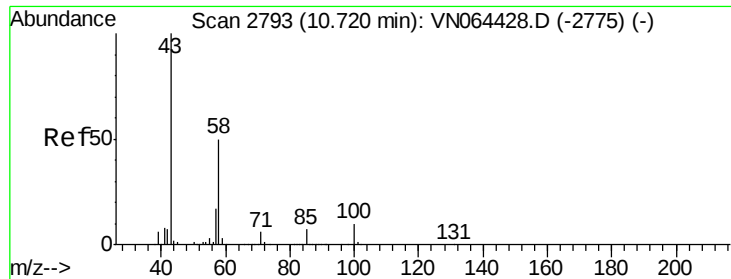
Tgt Ion: 63 Resp: 255148

Ion Ratio Lower Upper

63 100

106 25.4 19.5 29.3

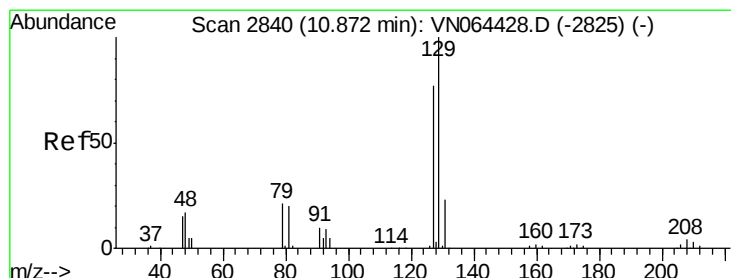
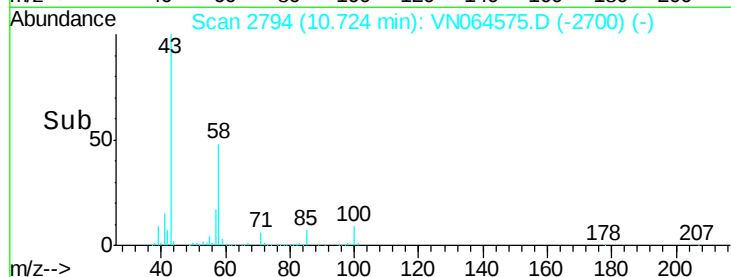
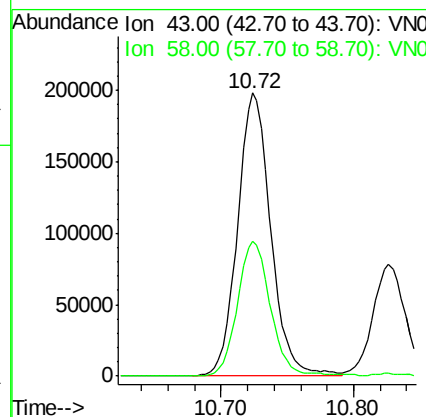
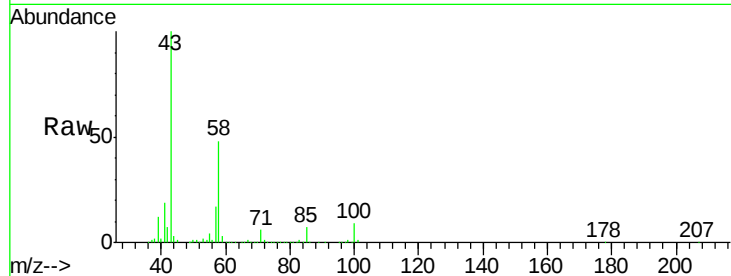




#59
2-Hexanone
Concen: 87.816 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

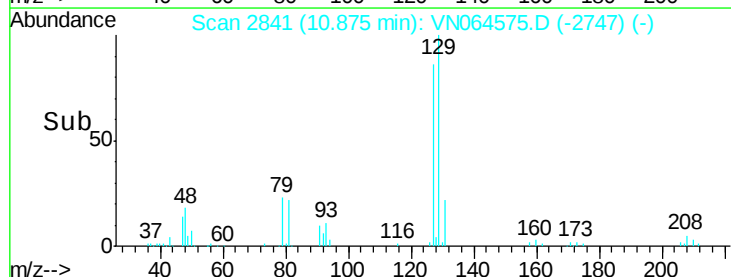
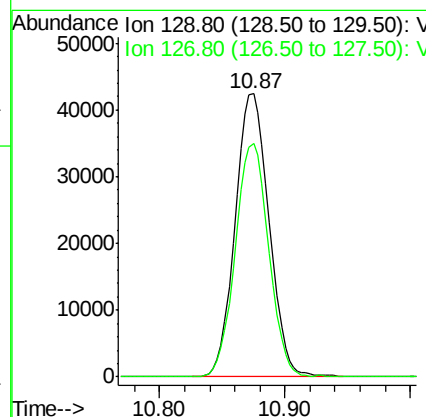
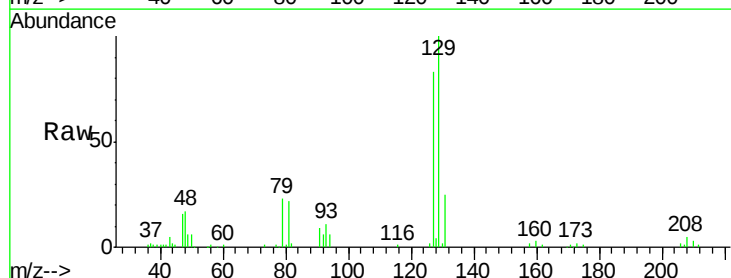
Instrument :
MSVOA_N
ClientSampled :
VN1112WBSD01

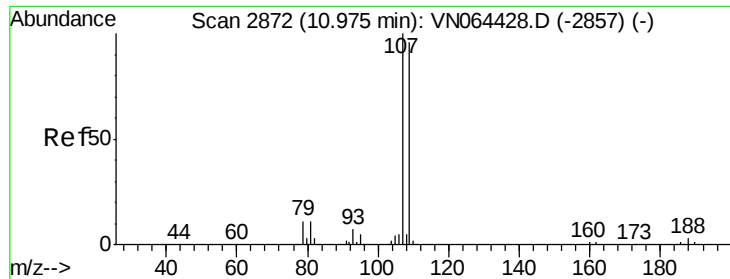
Tot Ion: 43 Resp: 341113
Ion Ratio Lower Upper
43 100
58 48.0 24.7 74.1



#60
Dibromochloromethane
Concen: 19.564 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 129 Resp: 79574
Ion Ratio Lower Upper
129 100
127 81.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.630 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

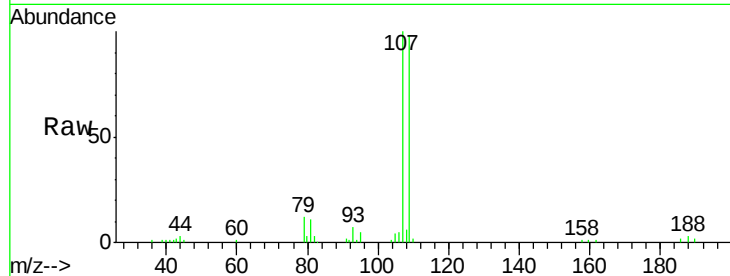
VN1112WBSD01

Tot Ion: 107 Resp: 72334

Ion Ratio Lower Upper

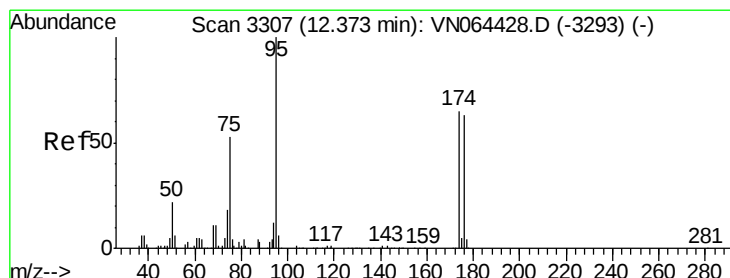
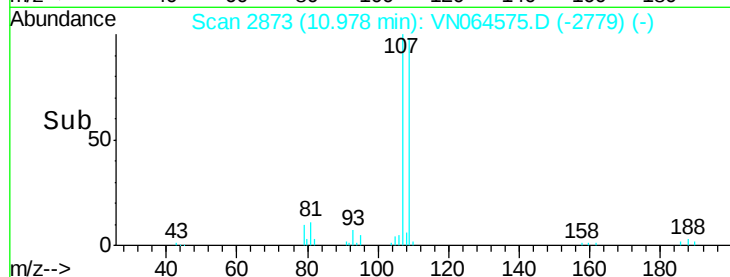
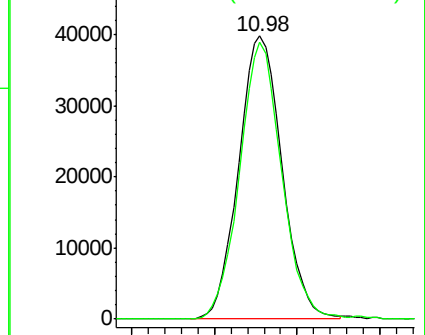
107 100

109 94.5 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.128 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

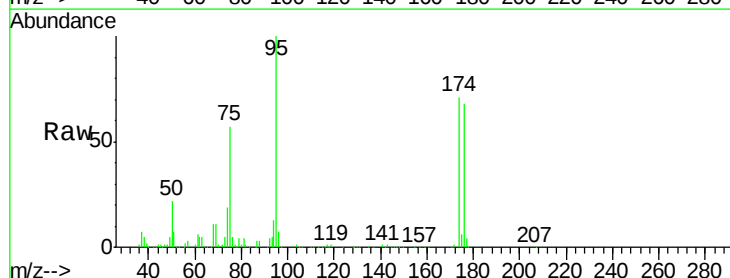
Tgt Ion: 95 Resp: 225862

Ion Ratio Lower Upper

95 100

174 72.4 0.0 132.6

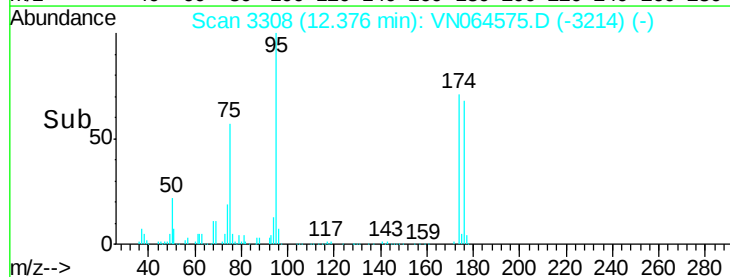
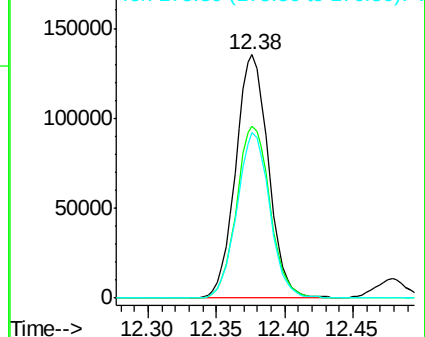
176 68.1 0.0 129.2

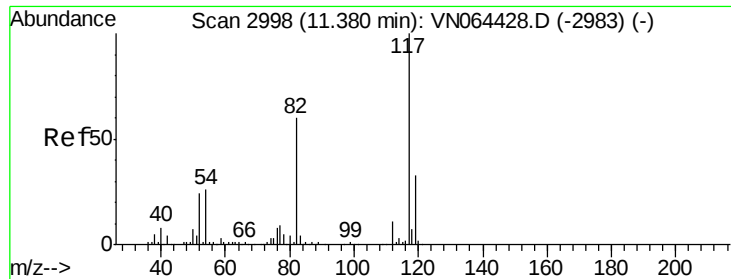


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

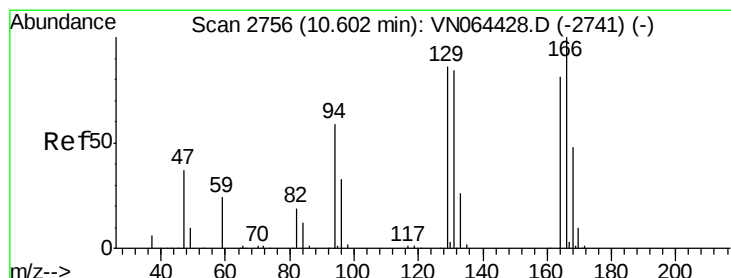
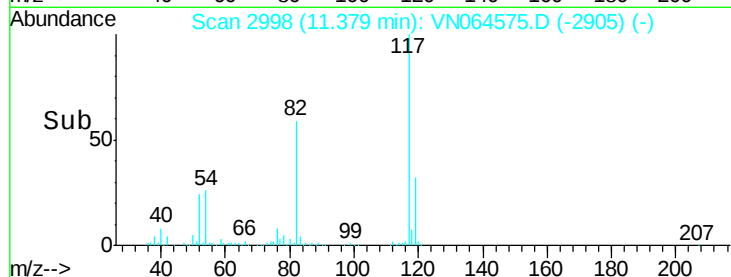
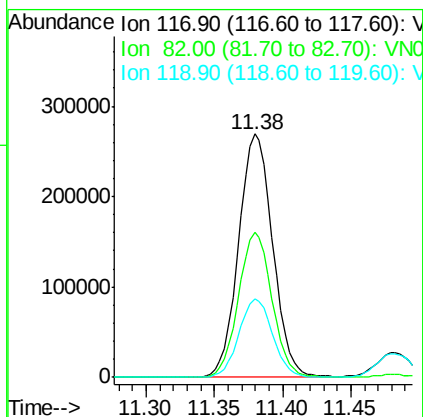
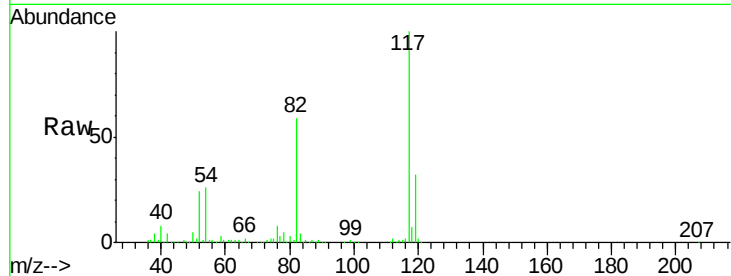




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

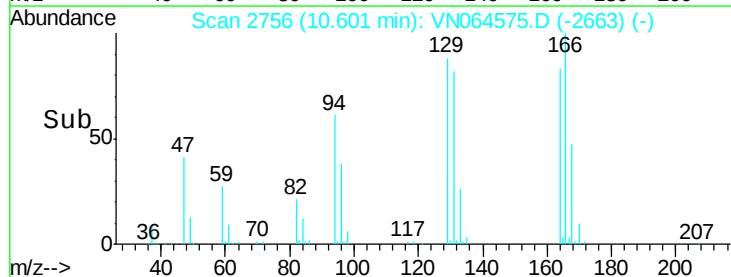
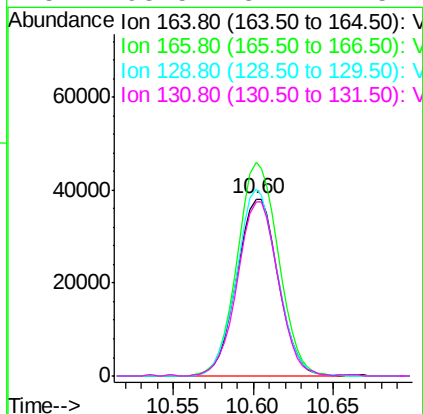
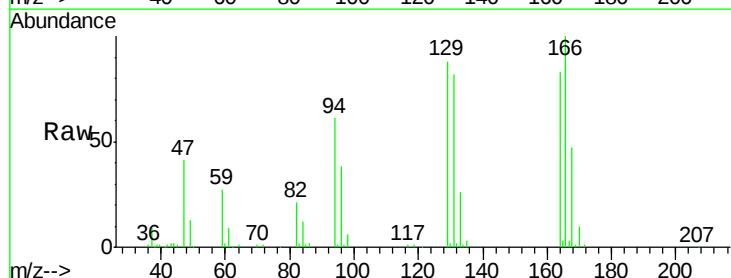
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

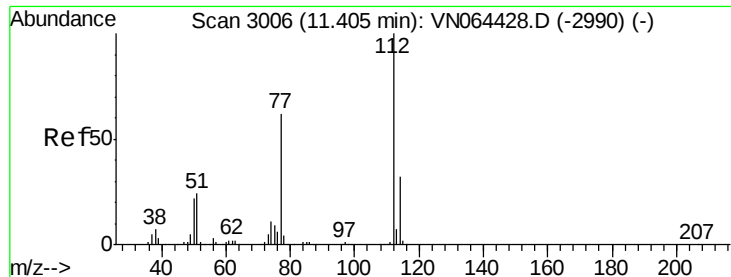
Tot Ion:117 Resp: 468162
Ion Ratio Lower Upper
117 100
82 59.3 48.1 72.1
119 32.1 26.2 39.4



#64
Tetrachloroethene
Concen: 18.694 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion:164 Resp: 67414
Ion Ratio Lower Upper
164 100
166 120.5 98.2 147.2
129 105.7 84.6 127.0
131 98.5 82.2 123.2

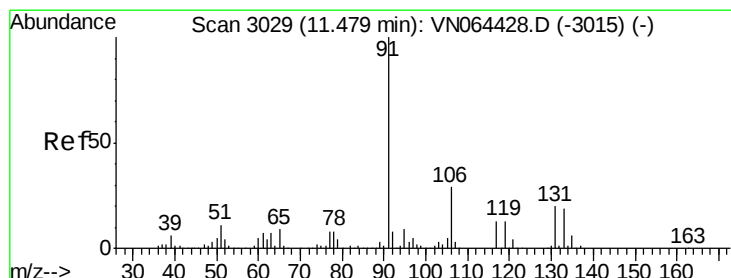
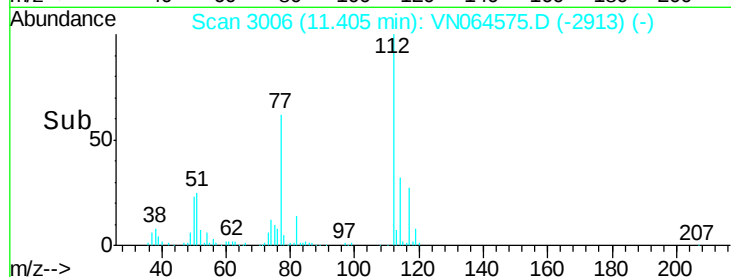
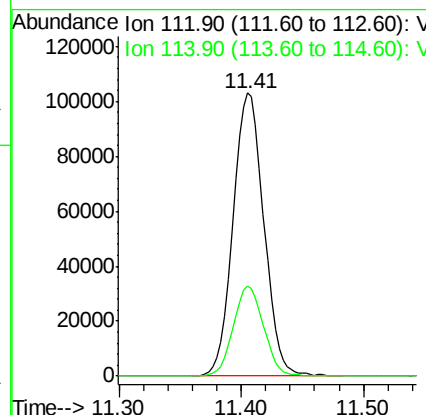
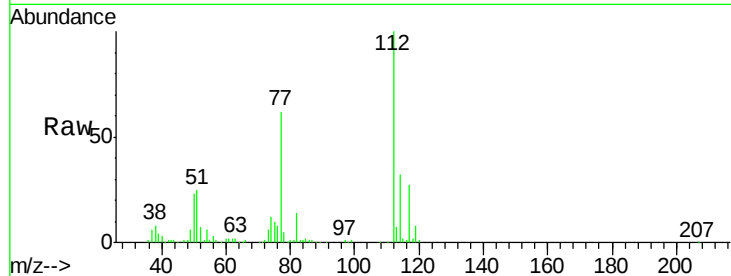




#65
Chlorobenzene
Concen: 17.657 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

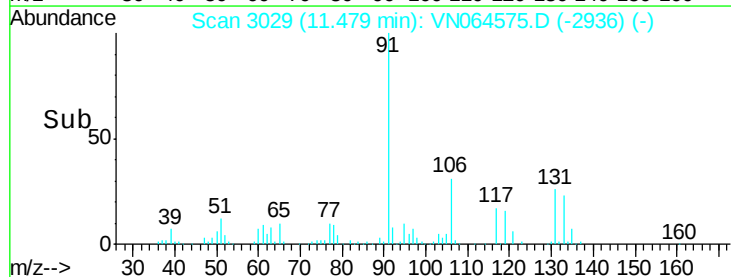
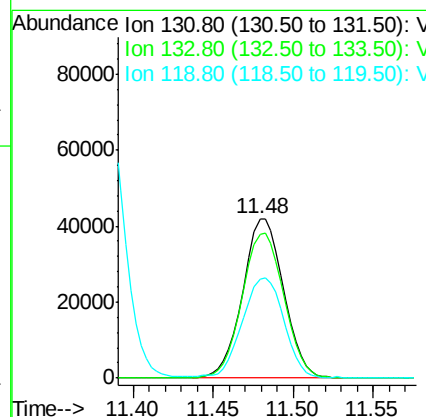
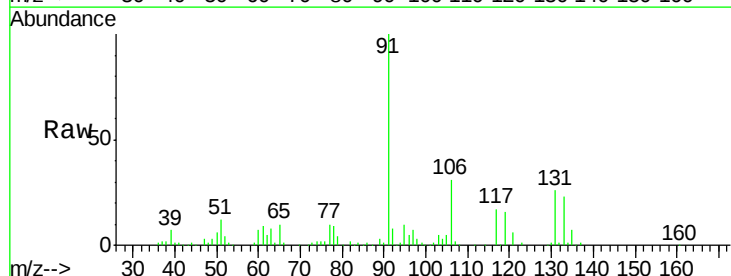
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

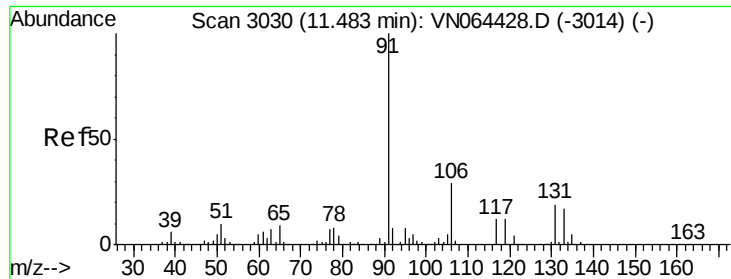
Tot Ion:112 Resp: 181220
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.156 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion:131 Resp: 73344
Ion Ratio Lower Upper
131 100
133 93.0 46.9 140.7
119 64.4 32.1 96.5

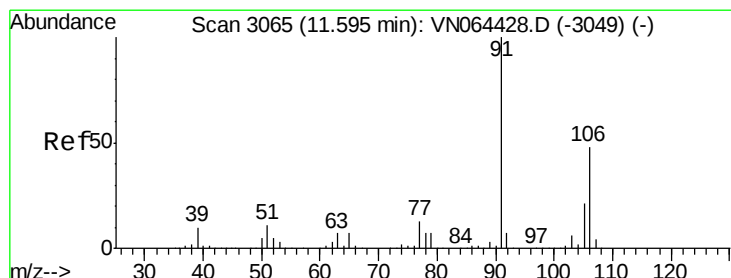
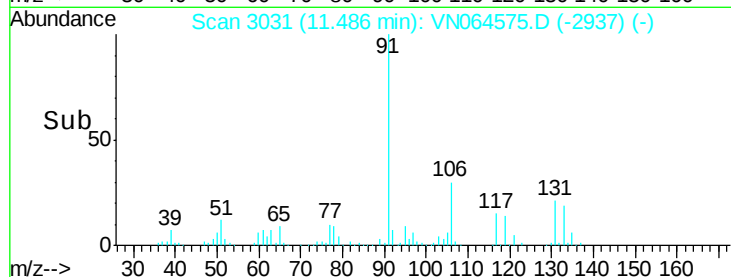
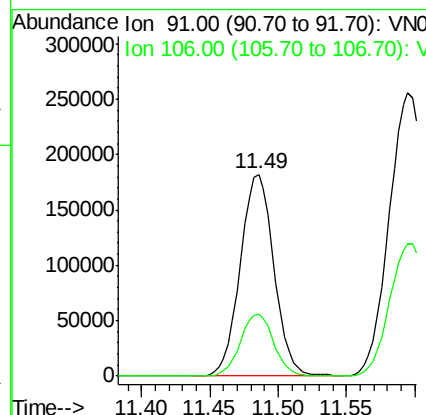
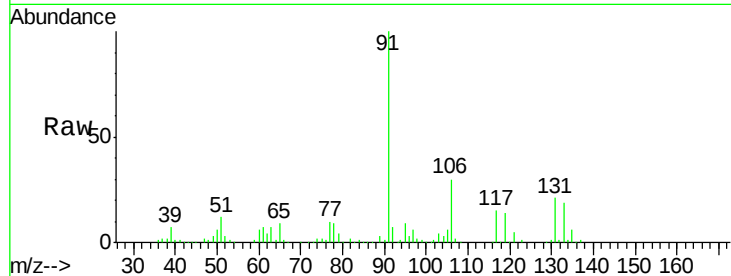




#67
Ethyl Benzene
Concen: 17.139 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

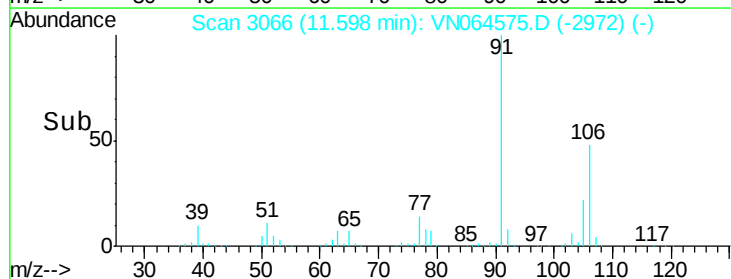
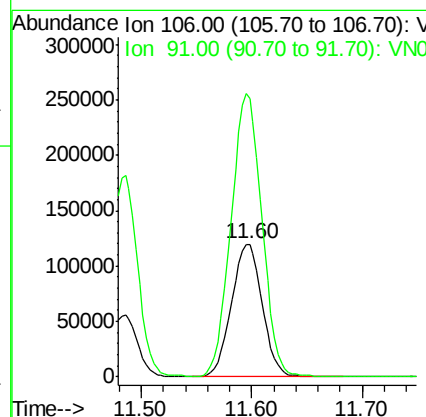
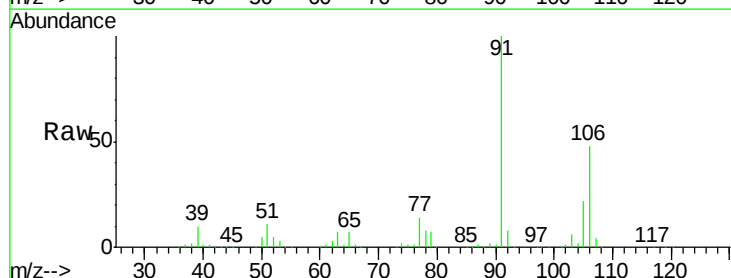
Instrument :
MSVOA_N
ClientSampled :
VN1112WBSD01

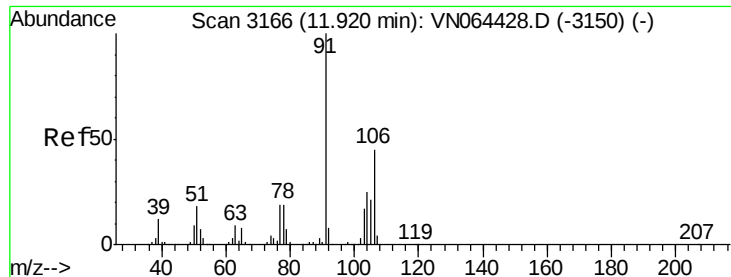
Tot Ion: 91 Resp: 312885
Ion Ratio Lower Upper
91 100
106 30.5 23.6 35.4



#68
m/p-Xylenes
Concen: 35.021 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 106 Resp: 231857
Ion Ratio Lower Upper
106 100
91 213.1 169.4 254.2

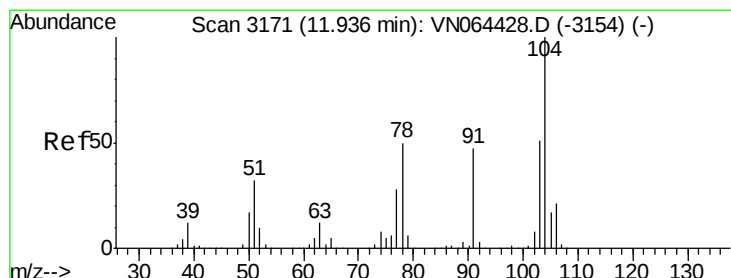
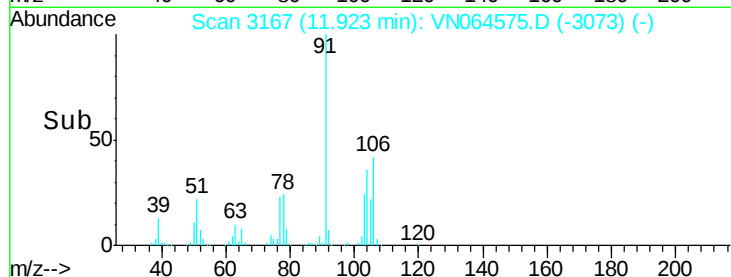
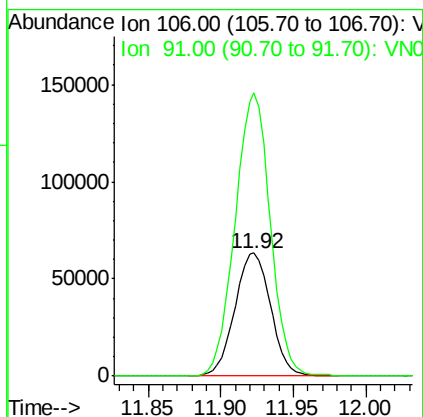
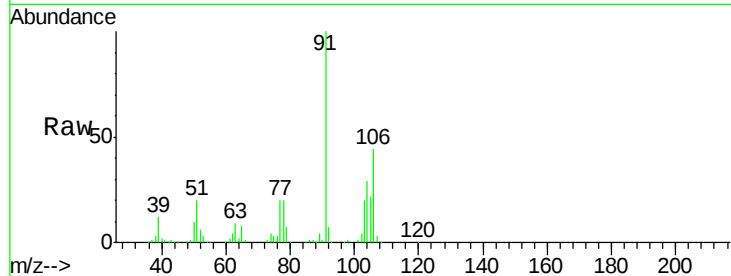




#69
o-Xylene
Concen: 17.058 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

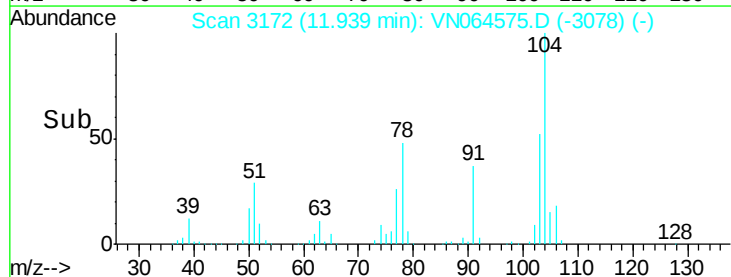
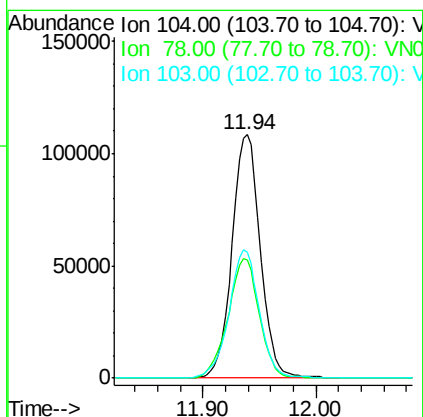
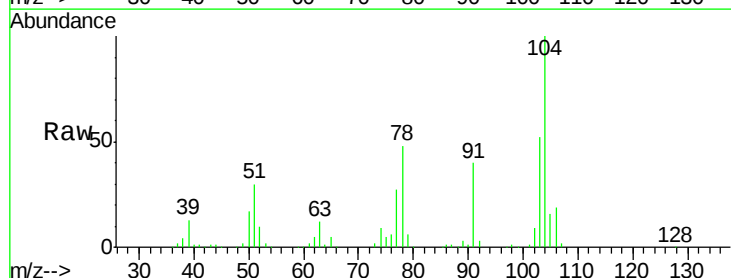
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

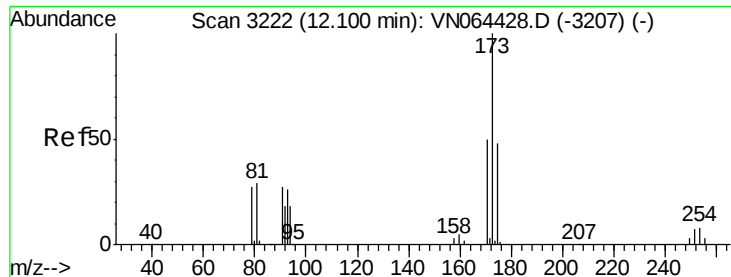
Tot Ion:106 Resp: 109127
Ion Ratio Lower Upper
106 100
91 225.6 111.7 334.9



#70
Styrene
Concen: 17.609 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion:104 Resp: 189564
Ion Ratio Lower Upper
104 100
78 53.9 44.0 66.0
103 56.0 43.8 65.6





#71

Bromoform

Concen: 18.185 ug/l

RT: 12.10 min Scan# 3223

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampled :

VN1112WBSD01

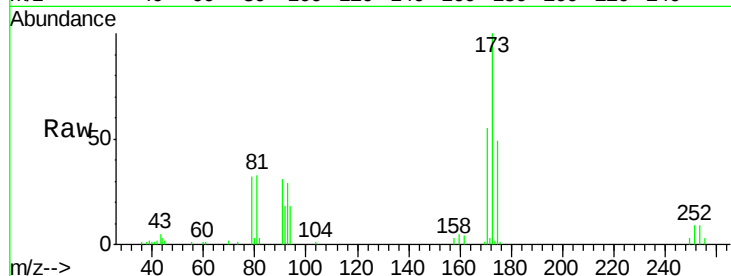
Tot Ion:173 Resp: 49886

Ion Ratio Lower Upper

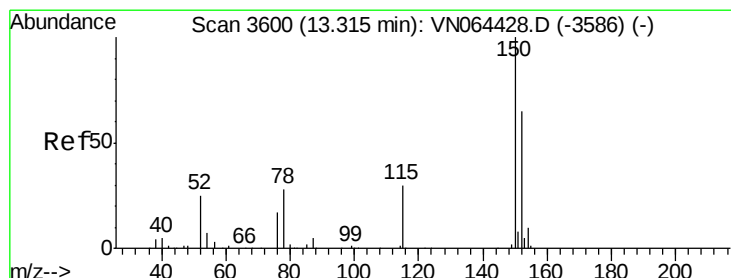
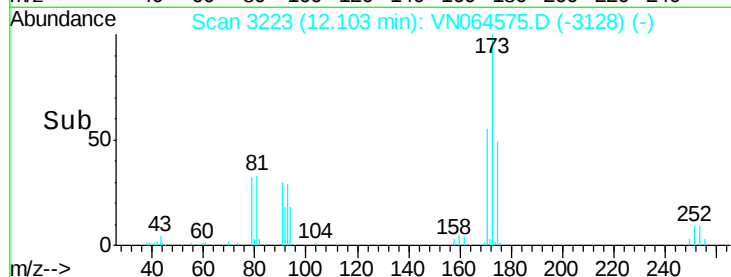
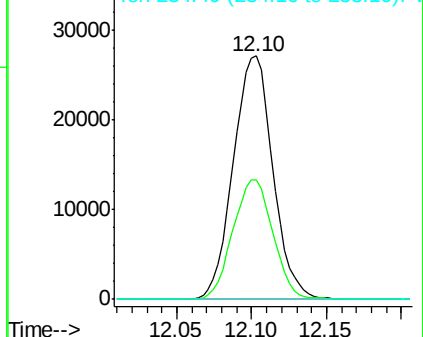
173 100

175 49.5 23.7 71.1

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

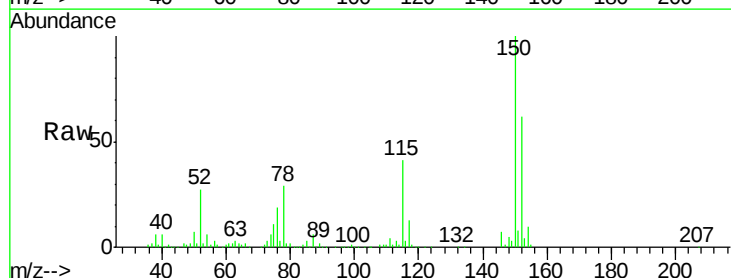
Tgt Ion:152 Resp: 210470

Ion Ratio Lower Upper

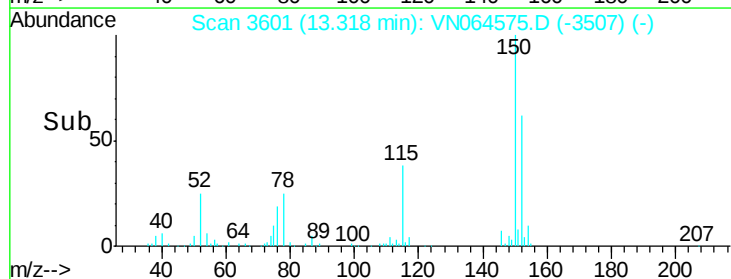
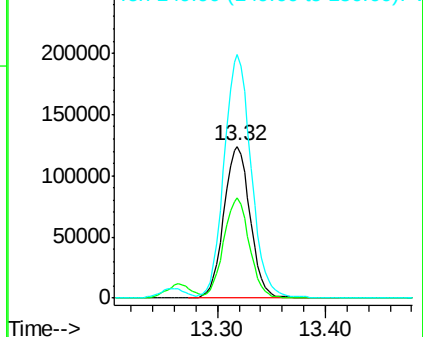
152 100

115 64.1 32.0 96.0

150 164.2 0.0 353.8



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: 17.128 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

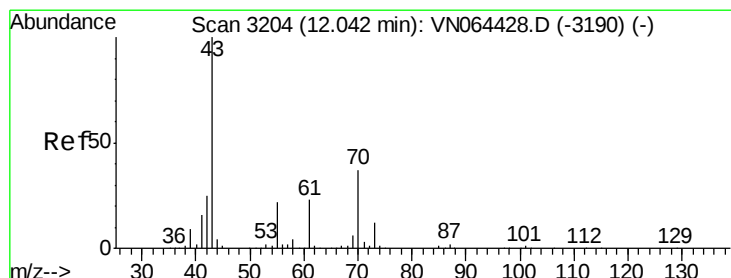
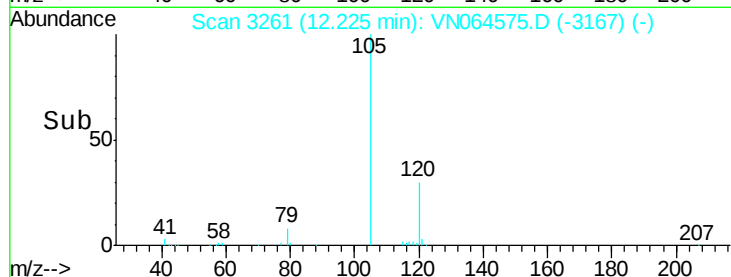
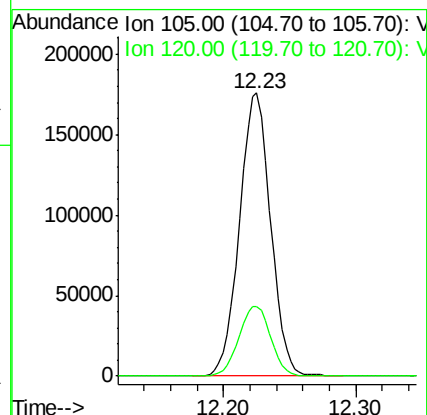
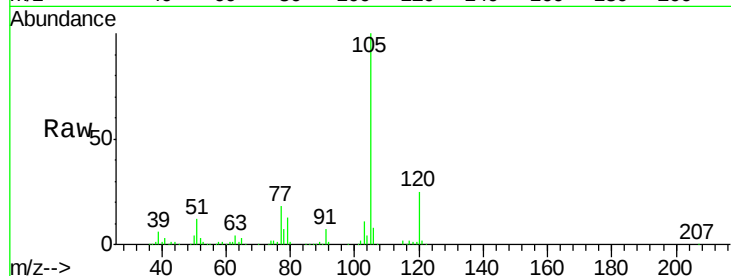
VN1112WBSD01

Tot Ion:105 Resp: 286537

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



#74

N-ethyl acetate

Concen: 16.259 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Tgt Ion: 43 Resp: 125101

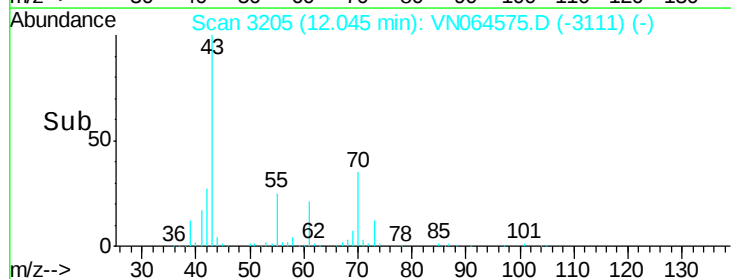
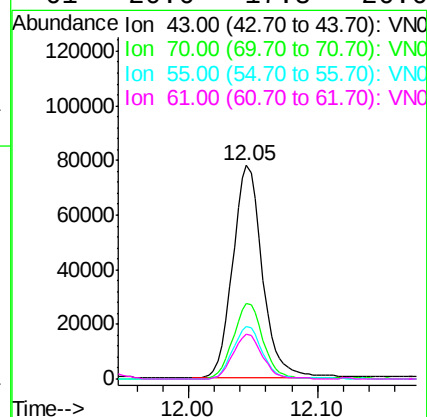
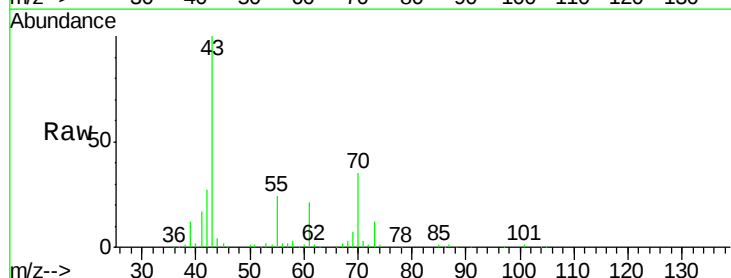
Ion Ratio Lower Upper

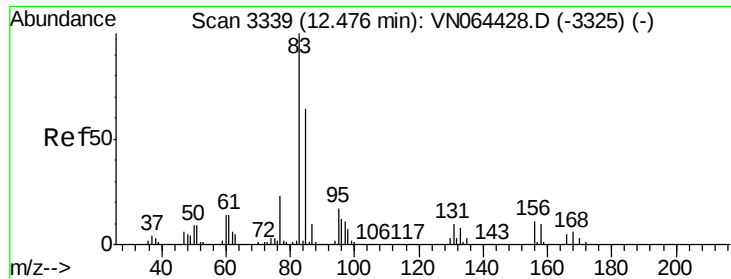
43 100

70 35.9 29.6 44.4

55 24.2 18.4 27.6

61 20.6 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.304 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

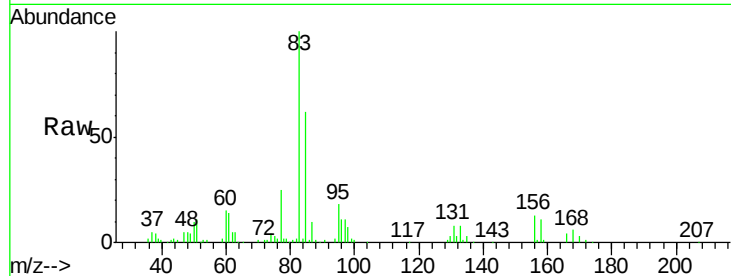
Tot Ion: 83 Resp: 99188

Ion Ratio Lower Upper

83 100

131 9.7 4.9 14.7

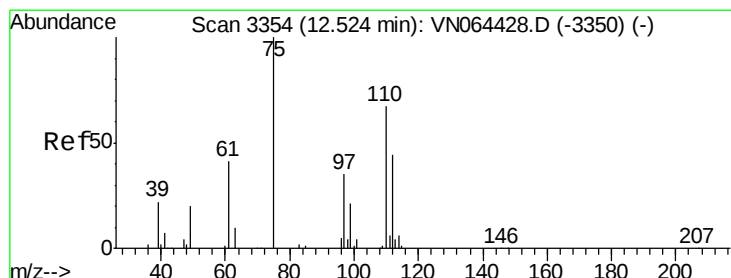
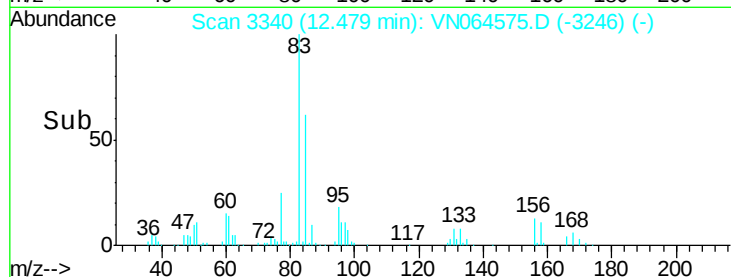
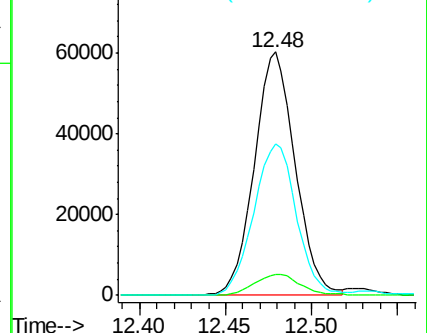
85 65.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.412 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064575.D

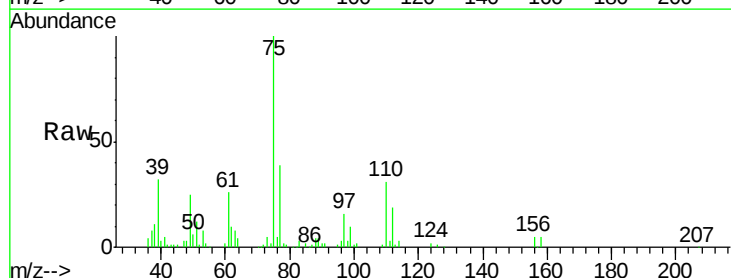
Acq: 12 Nov 2020 12:46

Tgt Ion: 75 Resp: 134690

Ion Ratio Lower Upper

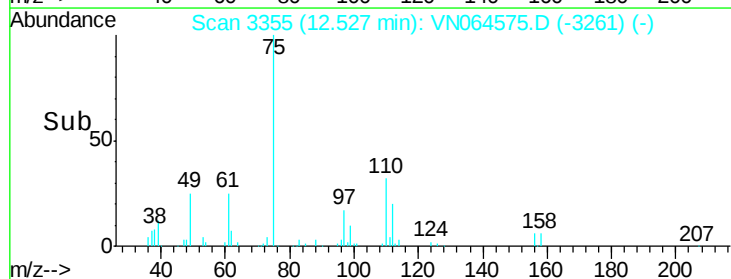
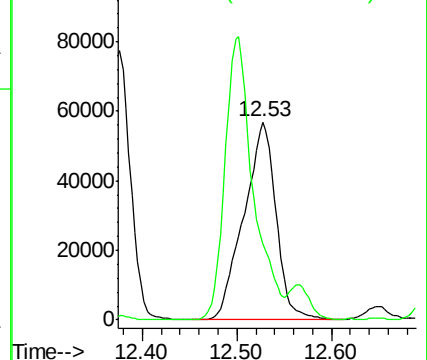
75 100

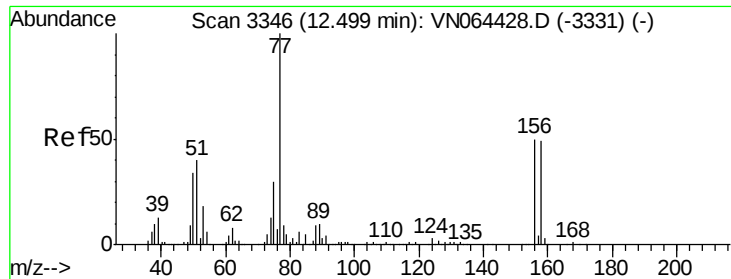
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

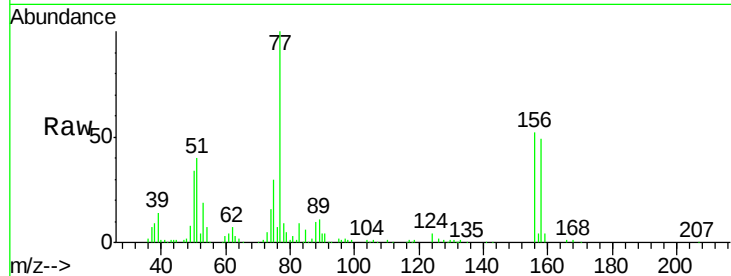




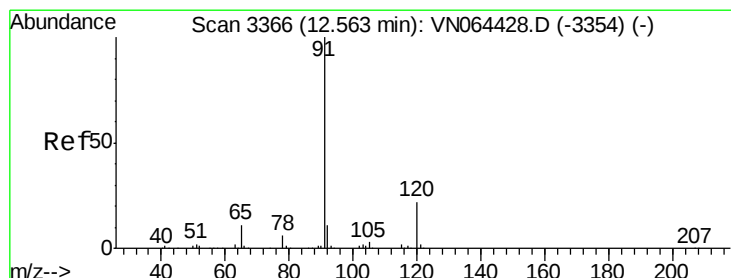
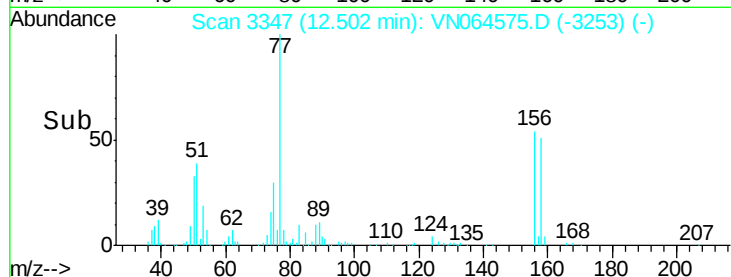
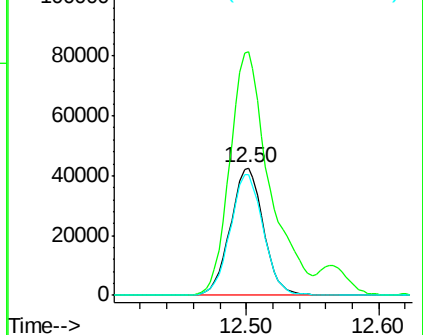
#77
Bromobenzene
Concen: 18.062 ug/l
RT: 12.50 min Scan# 3347
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Instrument :
MSVOA_N
ClientSampled :
VN1112WBSD01

Tot Ion:156 Resp: 73769
Ion Ratio Lower Upper
156 100
77 230.0 119.0 357.0
158 95.1 48.4 145.3

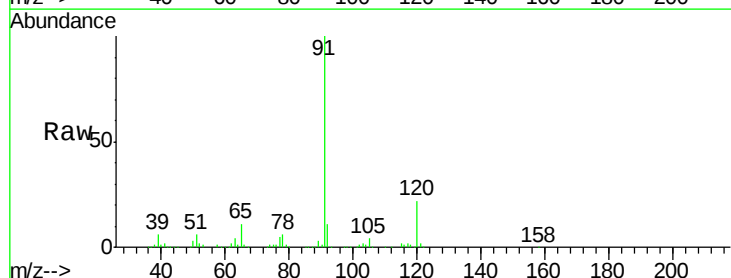


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

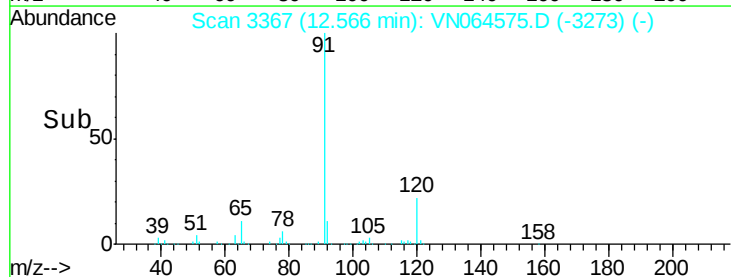
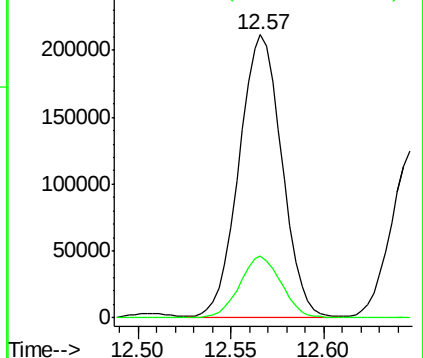


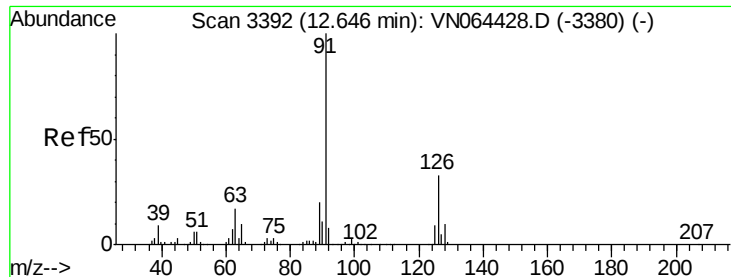
#78
n-propylbenzene
Concen: 17.869 ug/l
RT: 12.57 min Scan# 3367
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 91 Resp: 340799
Ion Ratio Lower Upper
91 100
120 21.2 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V

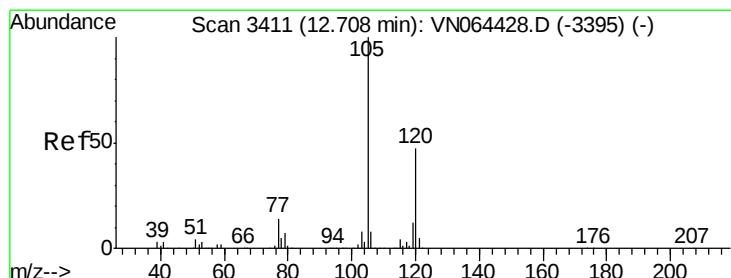
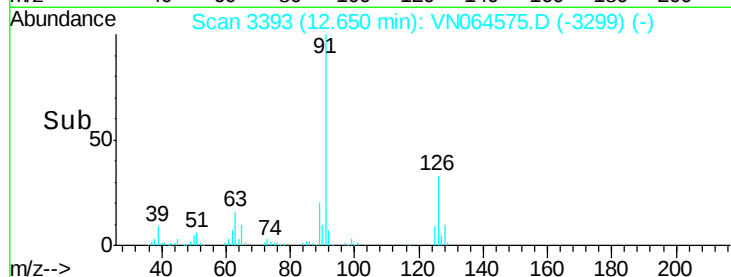
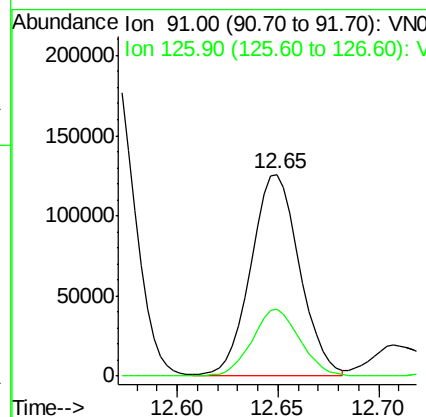
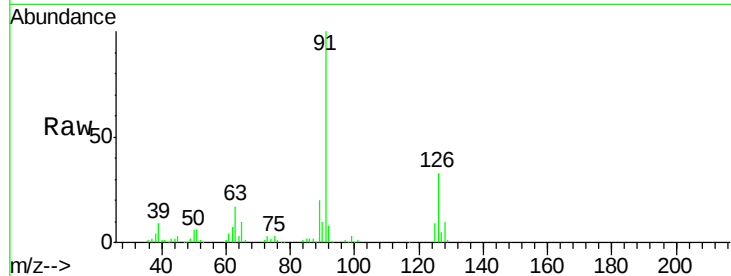




#79
 2-Chlorotoluene
 Concen: 17.537 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

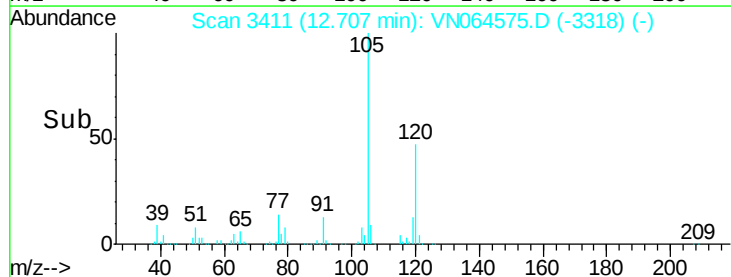
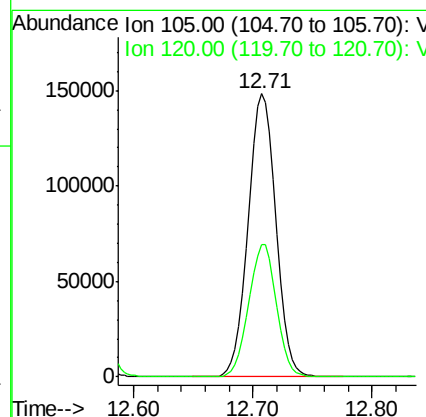
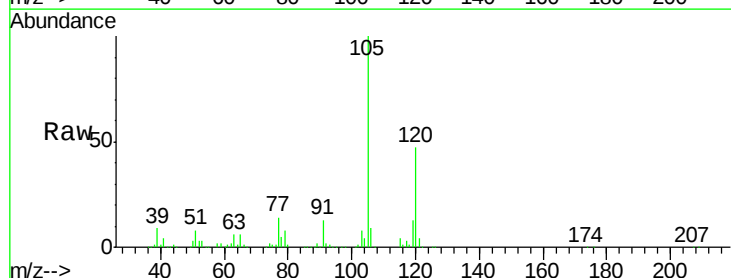
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

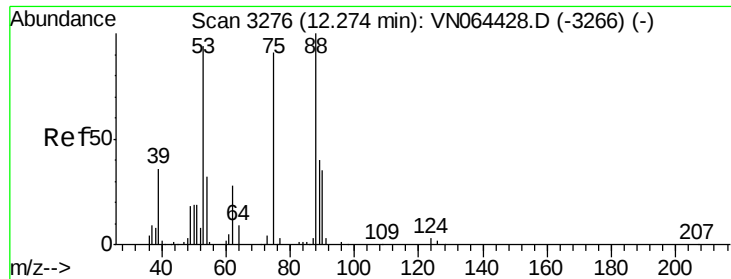
Tot Ion: 91 Resp: 212140
 Ion Ratio Lower Upper
 91 100
 126 32.7 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 17.379 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

Tgt Ion: 105 Resp: 239840
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.477 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

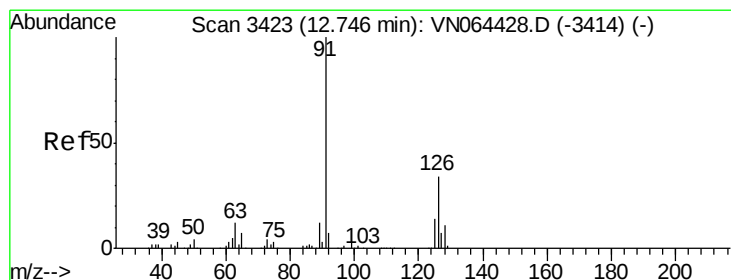
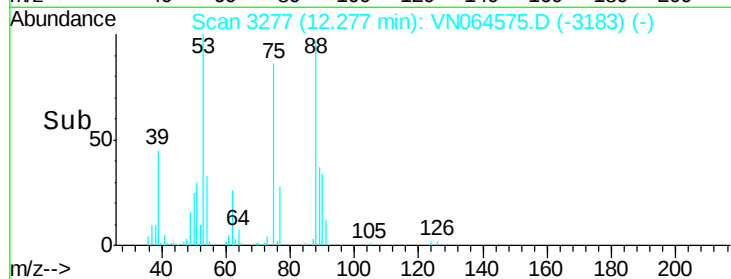
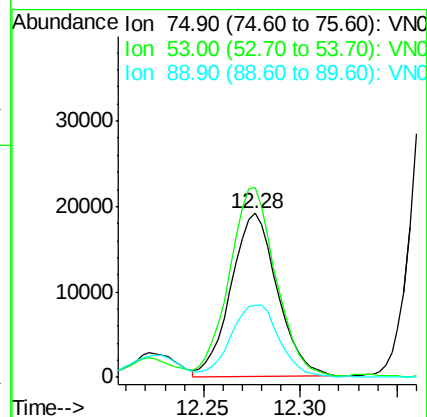
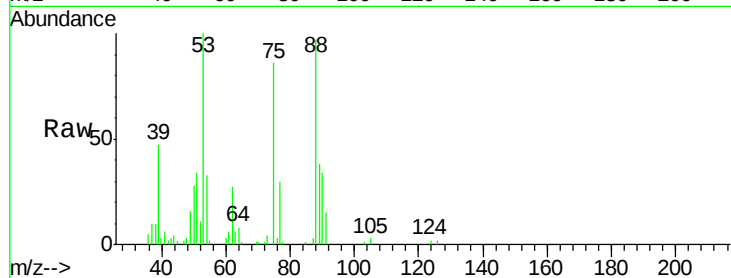
Tot Ion: 75 Resp: 31920

Ion Ratio Lower Upper

75 100

53 115.3 84.0 126.0

89 46.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 17.671 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064575.D

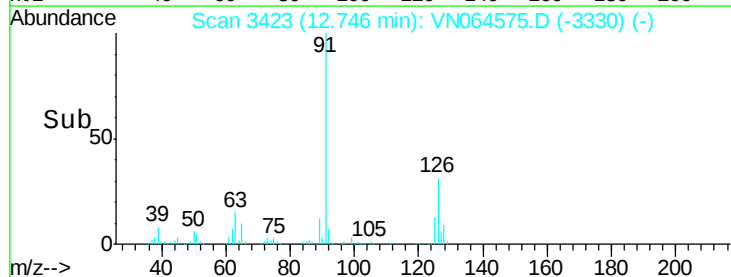
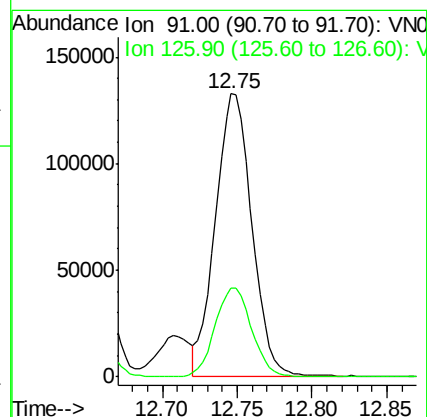
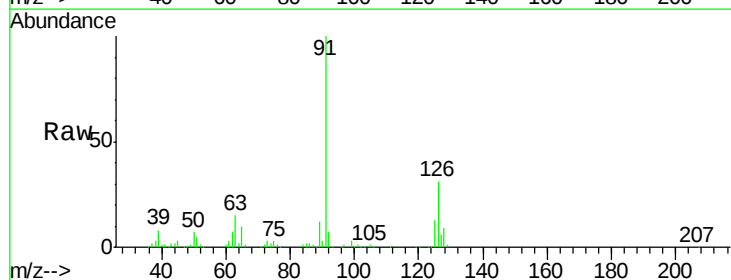
Acq: 12 Nov 2020 12:46

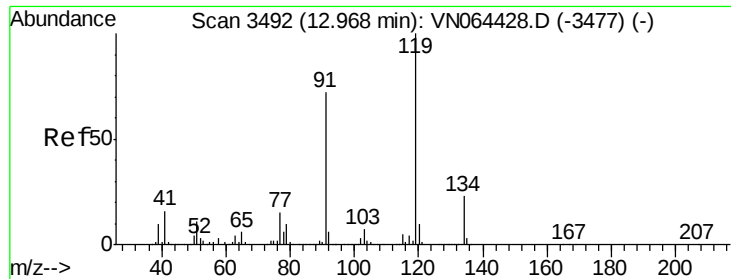
Tgt Ion: 91 Resp: 223857

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.2

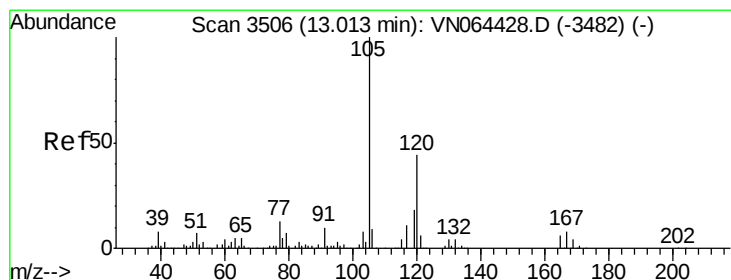
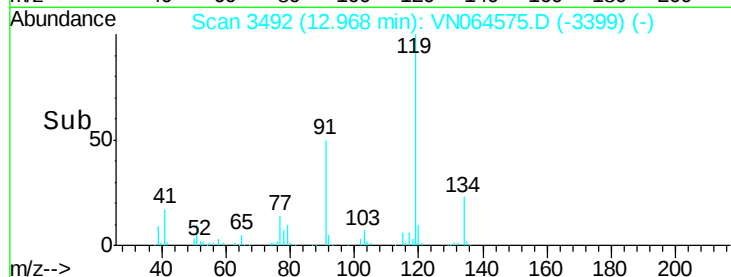
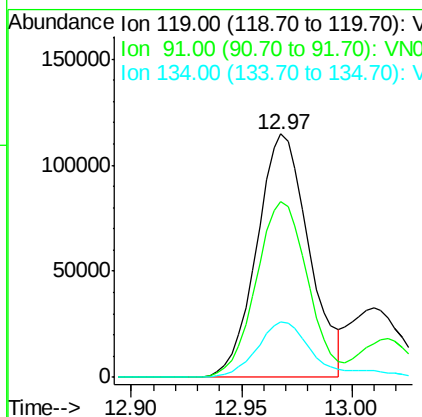
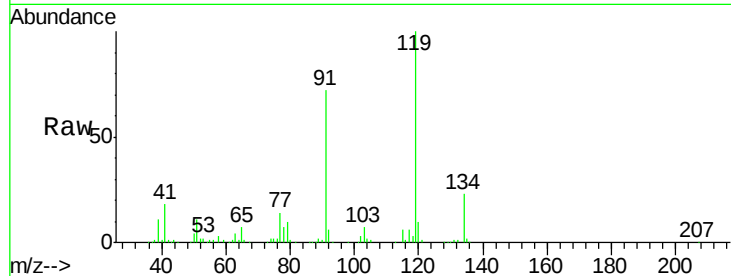




#83
tert-Butylbenzene
Concen: 17.526 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

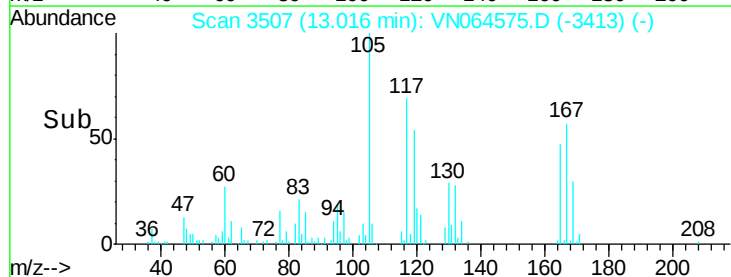
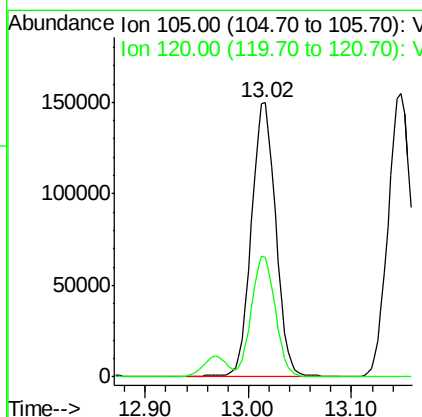
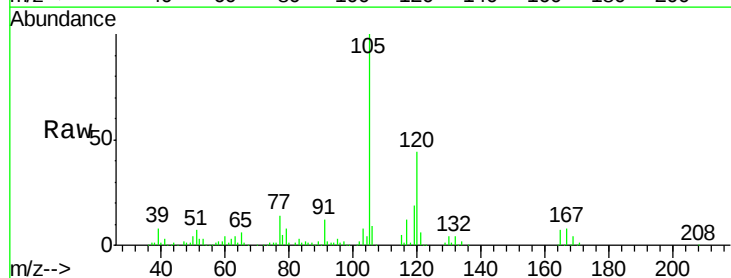
Instrument :
MSVOA_N
ClientSampled :
VN1112WBSD01

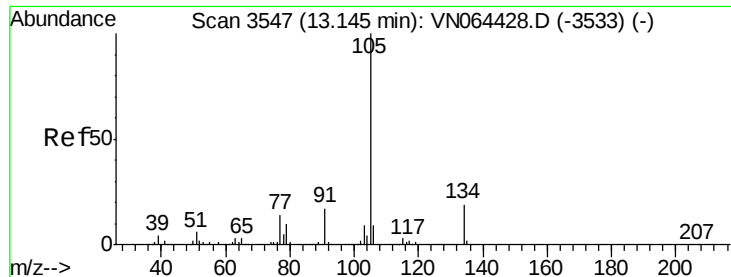
Tot Ion:119 Resp: 188905
Ion Ratio Lower Upper
119 100
91 71.1 36.1 108.3
134 25.1 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 17.781 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion:105 Resp: 246680
Ion Ratio Lower Upper
105 100
120 43.0 21.9 65.7





#85

sec-Butylbenzene

Concen: 17.997 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

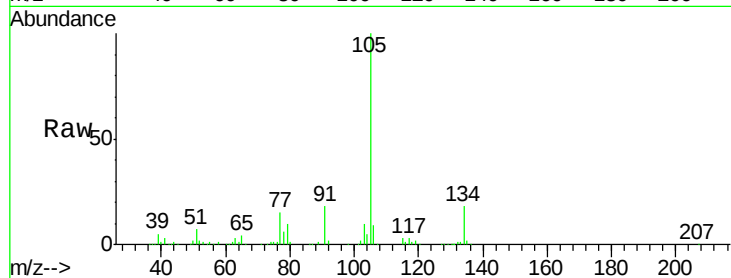
VN1112WBSD01

Tot Ion:105 Resp: 245672

Ion Ratio Lower Upper

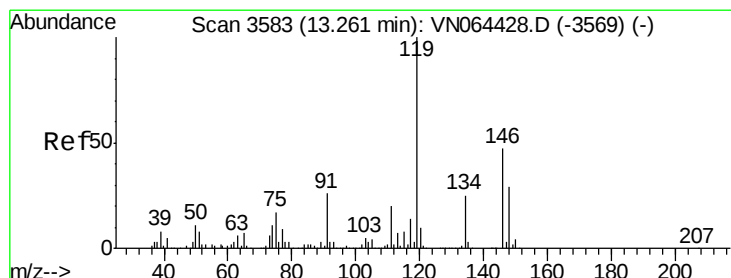
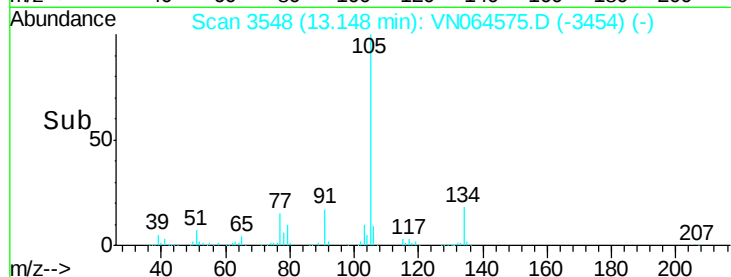
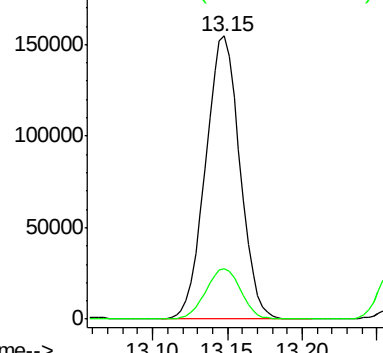
105 100

134 18.4 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 17.750 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

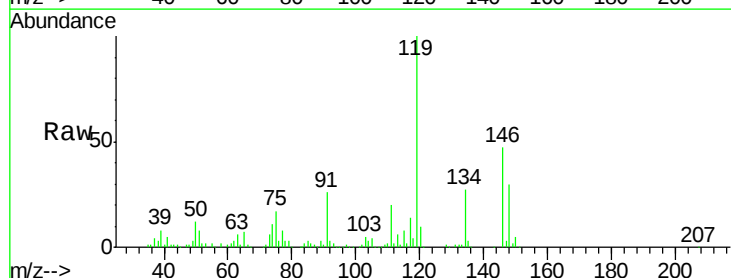
Tgt Ion:119 Resp: 217941

Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.6

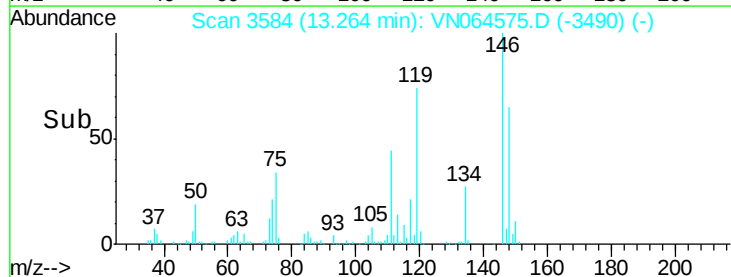
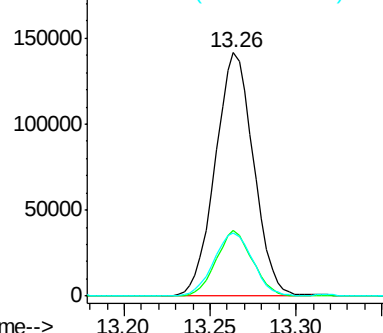
91 26.8 12.8 38.3

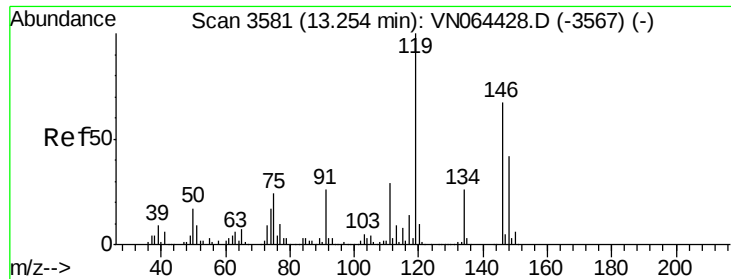


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

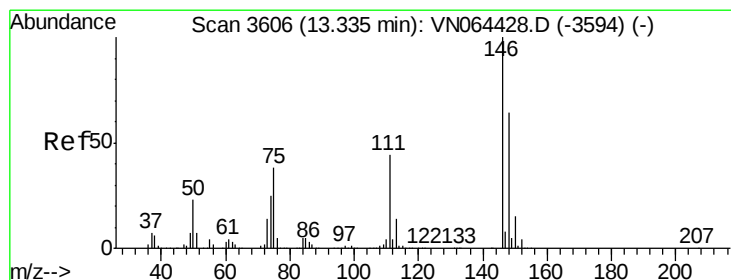
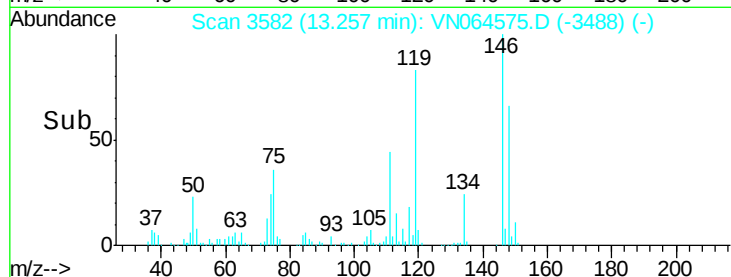
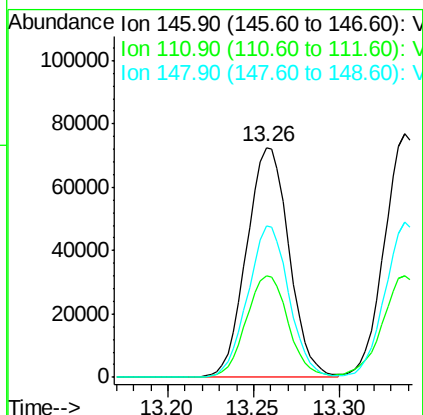
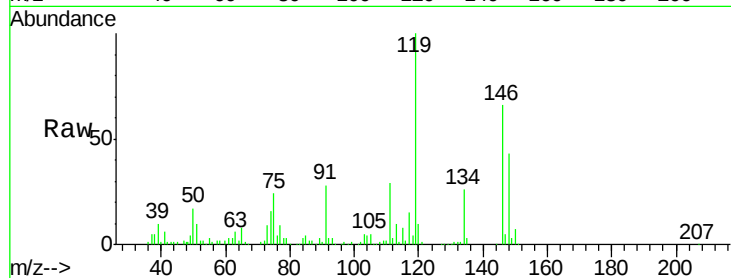




#87
 1,3-Dichlorobenzene
 Concen: 17.637 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

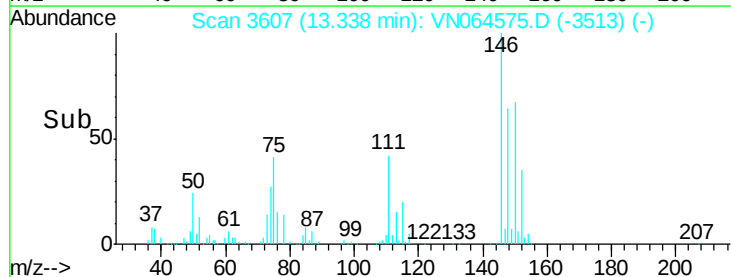
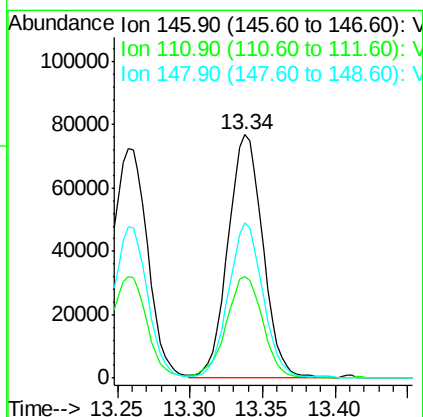
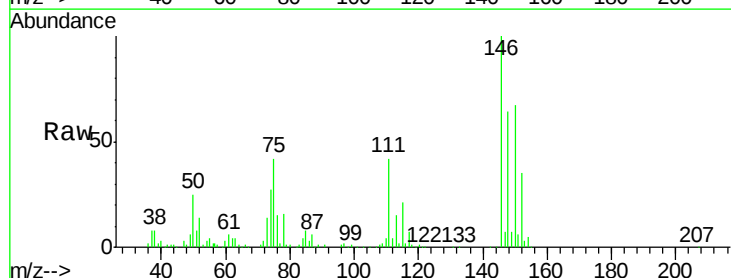
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

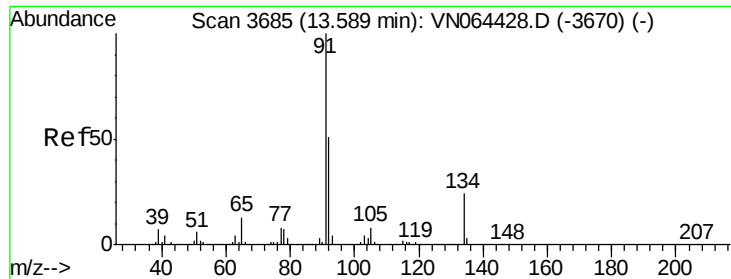
Tot Ion:146 Resp: 124519
 Ion Ratio Lower Upper
 146 100
 111 43.8 22.1 66.1
 148 64.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 17.467 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

Tgt Ion:146 Resp: 127443
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.8 65.3
 148 62.6 32.4 97.2

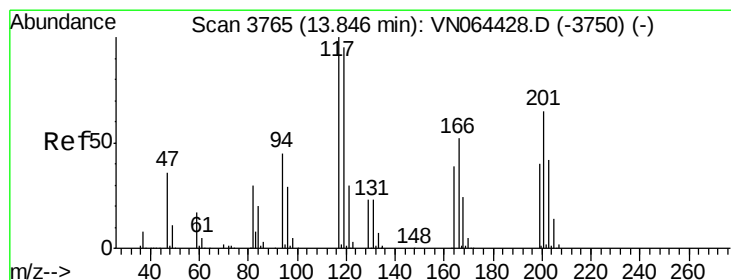
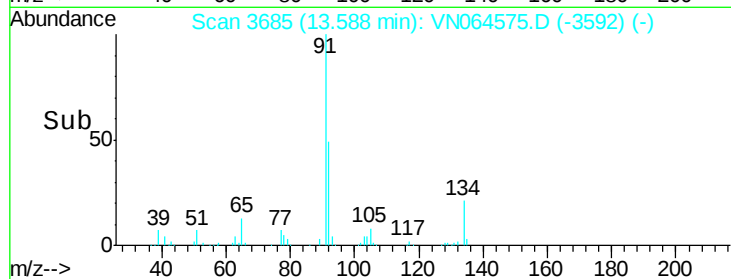
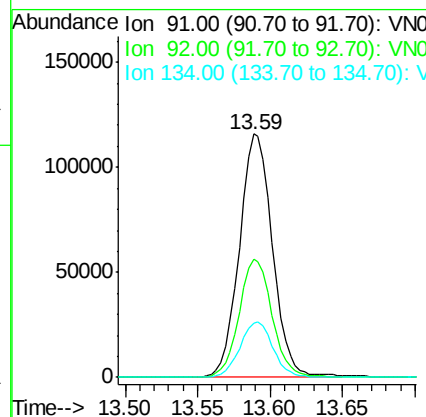
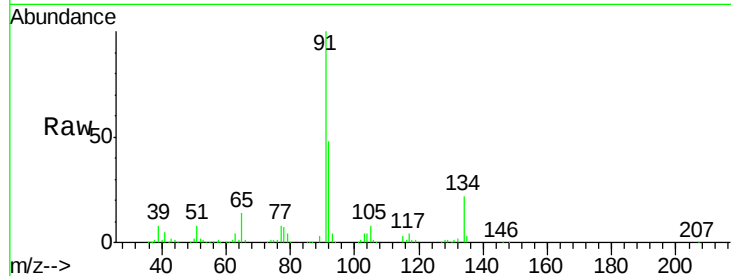




#89
n-Butylbenzene
Concen: 17.417 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

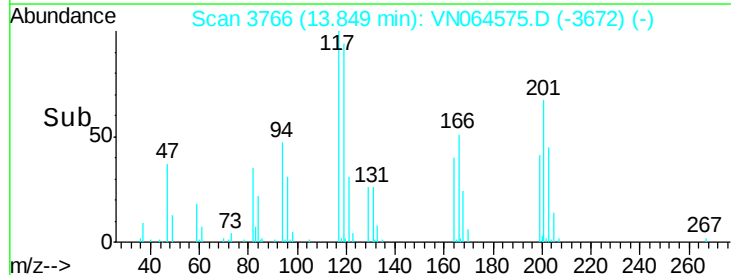
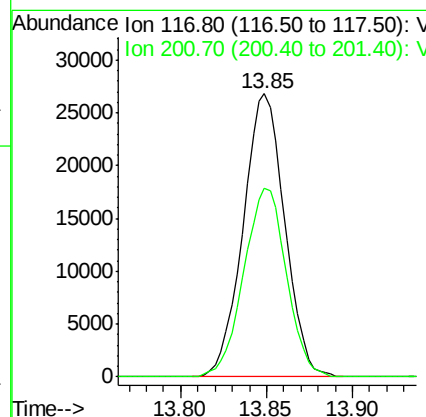
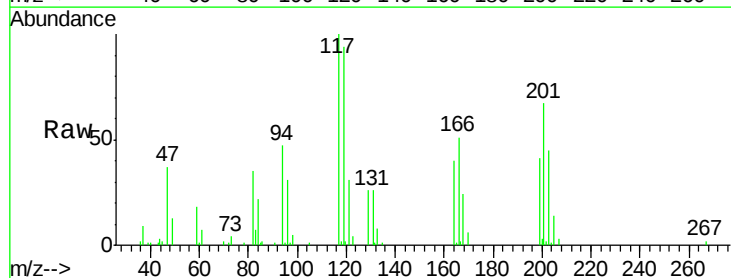
Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

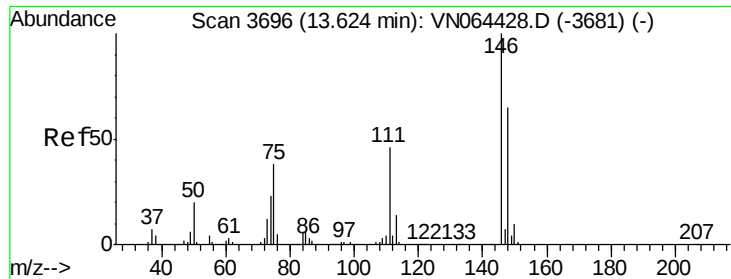
Tot Ion: 91 Resp: 183877
Ion Ratio Lower Upper
91 100
92 48.5 25.3 75.9
134 22.9 11.8 35.4



#90
Hexachloroethane
Concen: 19.004 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion: 117 Resp: 45014
Ion Ratio Lower Upper
117 100
201 68.3 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 19.150 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

Instrument :

MSVOA_N

ClientSampleId :

VN1112WBSD01

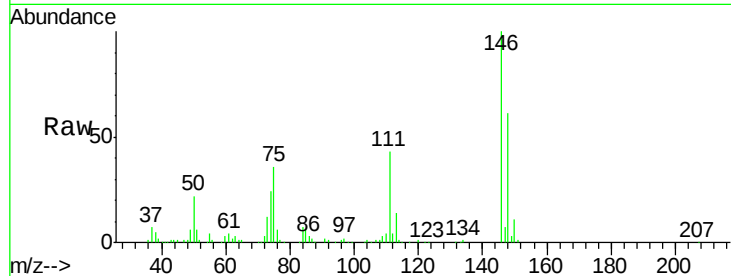
Tot Ion:146 Resp: 130053

Ion Ratio Lower Upper

146 100

111 44.1 22.9 68.7

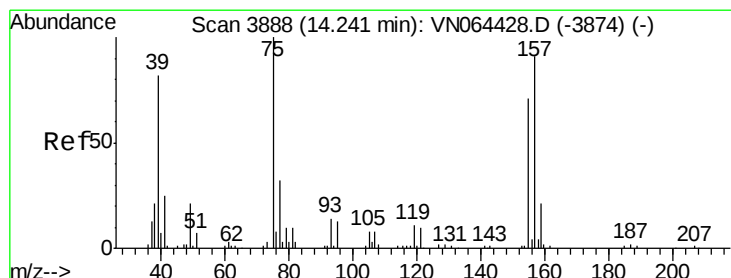
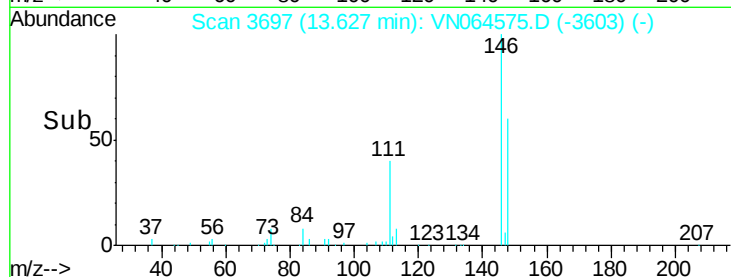
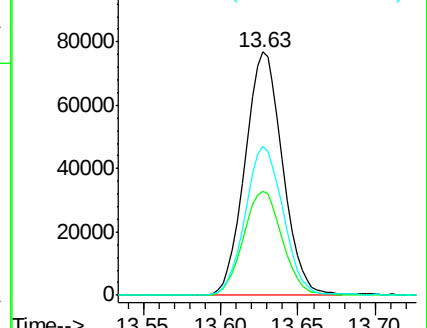
148 61.7 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.626 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064575.D

Acq: 12 Nov 2020 12:46

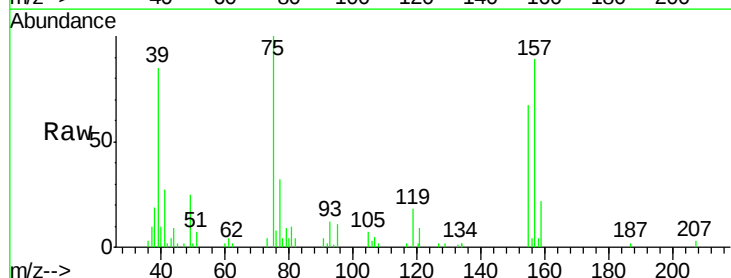
Tgt Ion: 75 Resp: 21101

Ion Ratio Lower Upper

75 100

155 68.7 34.6 103.9

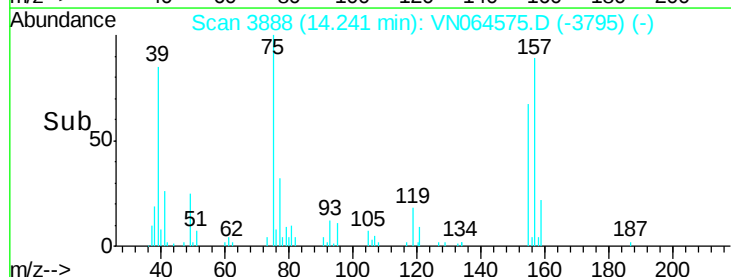
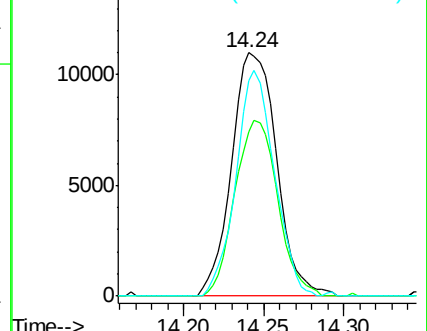
157 79.2 43.0 128.8

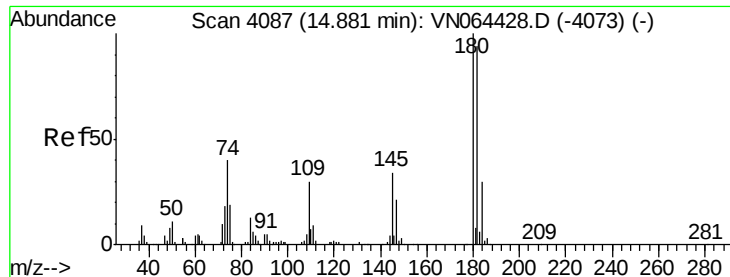


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

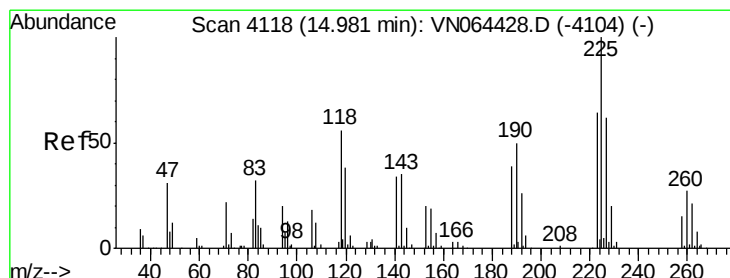
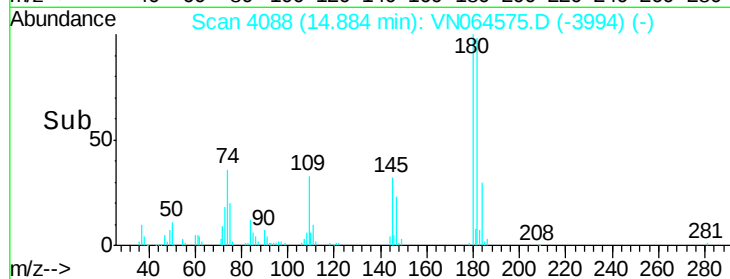
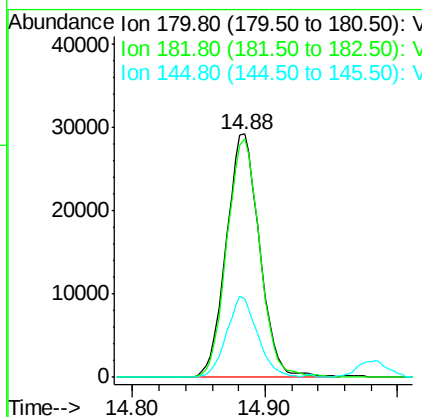
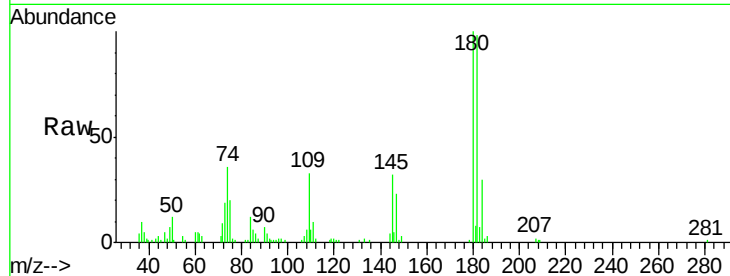




#93
 1,2,4-Trichlorobenzene
 Concen: 16.971 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

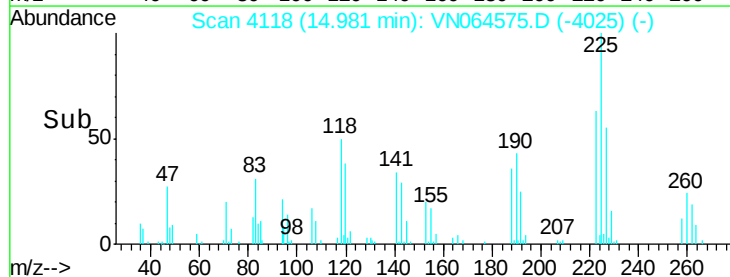
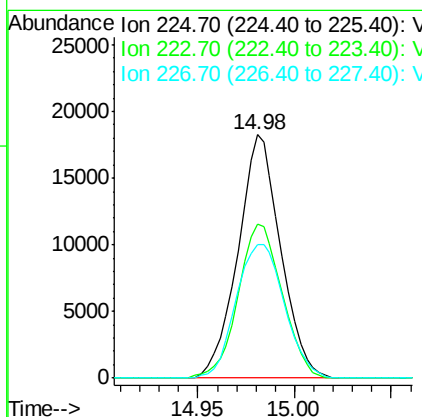
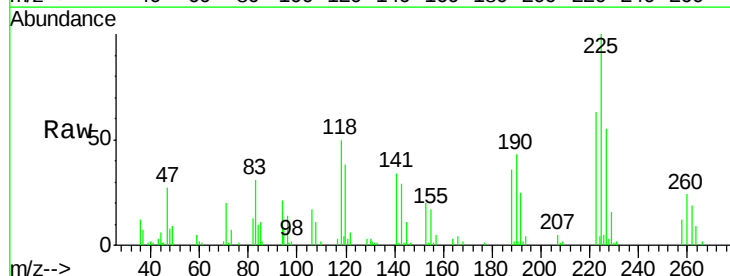
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1112WBSD01

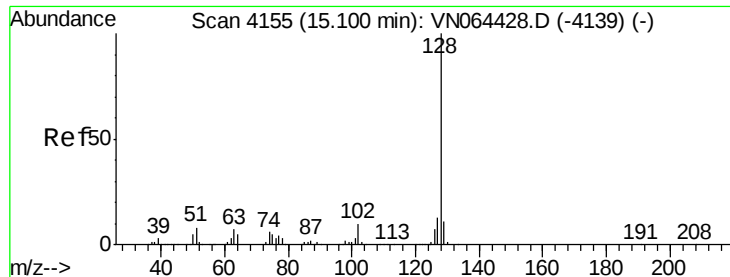
Tot Ion:180 Resp: 51038
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.3 142.0
 145 30.8 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 20.223 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064575.D
 Acq: 12 Nov 2020 12:46

Tgt Ion:225 Resp: 27962
 Ion Ratio Lower Upper
 225 100
 223 65.2 31.8 95.4
 227 62.1 31.8 95.4

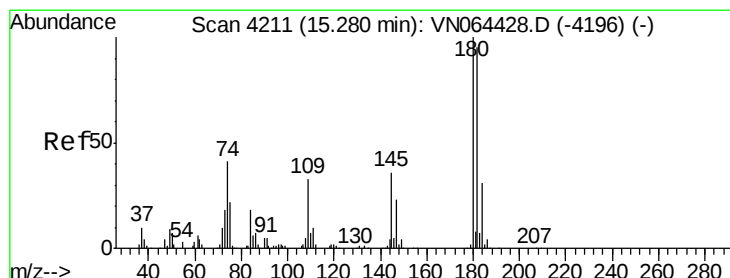
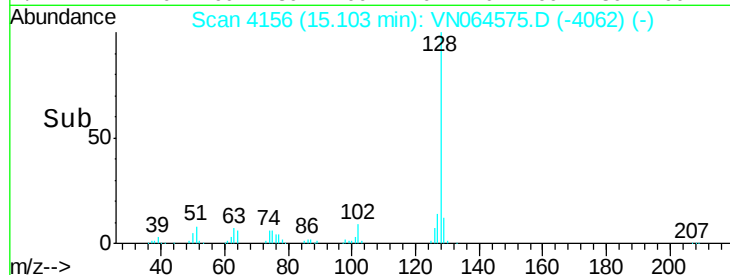
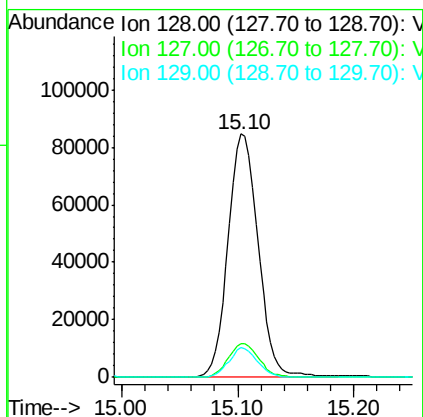
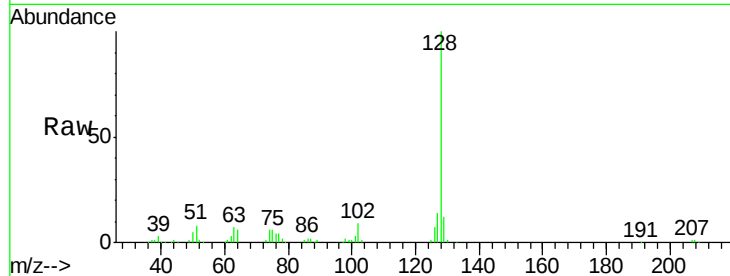




#95
Naphthalene
Concen: 15.909 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Instrument :
MSVOA_N
ClientSampleId :
VN1112WBSD01

Tot Ion:128 Resp: 152903
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 11.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.415 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.01 min
Lab File: VN064575.D
Acq: 12 Nov 2020 12:46

Tgt Ion:180 Resp: 54104
Ion Ratio Lower Upper
180 100
182 90.5 47.7 143.1
145 33.9 18.3 54.8

