

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN120820\
 Data File : VN064961.D
 Acq On : 8 Dec 2020 11:44
 Operator : JC/MD
 Sample : VN1208WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

Quant Time: Dec 08 16:16:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	213537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	320643	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	292090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	139047	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		7.98	65	117200	47.21	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.42%	
35) Dibromofluoromethane		7.55	113	104747	54.59	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	109.18%	
50) Toluene-d8		10.05	98	394610	50.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.68%	
62) 4-Bromofluorobenzene		12.37	95	139743	49.81	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	27313	14.758	ug/l	95
3) Chloromethane	2.04	50	35766	14.872	ug/l	98
4) Vinyl Chloride	2.17	62	38919	15.522	ug/l	98
5) Bromomethane	2.53	94	27945	16.988	ug/l	99
6) Chloroethane	2.68	64	25343	16.342	ug/l	99
7) Trichlorofluoromethane	2.99	101	59496	17.166	ug/l	100
8) Diethyl Ether	3.37	74	24079	17.600	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	37729	18.146	ug/l	99
10) Methyl Iodide	3.91	142	39684	14.715	ug/l	97
11) Tert butyl alcohol	4.74	59	29247	75.544	ug/l #	89
12) 1,1-Dichloroethene	3.69	96	35311	17.053	ug/l	99
13) Acrolein	3.56	56	19454	82.265	ug/l	97
14) Allyl chloride	4.28	41	56809	16.634	ug/l	97
15) Acrylonitrile	4.93	53	86187	80.585	ug/l	100
16) Acetone	3.78	43	73208	89.708	ug/l	93
17) Carbon Disulfide	4.00	76	82738	15.479	ug/l	100
18) Methyl Acetate	4.28	43	41181	16.784	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	117584	17.706	ug/l	98
20) Methylene Chloride	4.50	84	43219	16.901	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	37107	16.137	ug/l	97
22) Diisopropyl ether	5.90	45	125047	18.293	ug/l	95
23) Vinyl Acetate	5.84	43	470384	86.049	ug/l	99
24) 1,1-Dichloroethane	5.79	63	71779	17.570	ug/l	99
25) 2-Butanone	6.78	43	114973	86.910	ug/l	98
26) 2,2-Dichloropropane	6.77	77	63693	17.976	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	44720	17.283	ug/l	99
28) Bromochloromethane	7.14	49	32383	17.327	ug/l	96
29) Tetrahydrofuran	7.17	42	70199	76.873	ug/l	99
30) Chloroform	7.32	83	74108	17.590	ug/l	99
31) Cyclohexane	7.61	56	56173	16.235	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	65245	18.031	ug/l	97
36) 1,1-Dichloropropene	7.75	75	52581	17.692	ug/l	98
37) Ethyl Acetate	6.88	43	44119	15.411	ug/l	96
38) Carbon Tetrachloride	7.73	117	56542	18.284	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	51870	16.212	ug/l	99
40) Benzene	8.00	78	163005	17.898	ug/l	98
41) Methacrylonitrile	7.12	41	17748	13.435	ug/l	87
42) 1,2-Dichloroethane	8.08	62	55533	18.075	ug/l	98
43) Isopropyl Acetate	8.12	43	78709	17.086	ug/l	97
44) Trichloroethene	8.80	130	47415	17.645	ug/l	97
45) 1,2-Dichloropropane	9.08	63	44465	18.853	ug/l	98
46) Dibromomethane	9.17	93	28164	17.875	ug/l	98
47) Bromodichloromethane	9.37	83	58600	18.484	ug/l	99
48) Methyl methacrylate	9.16	41	37015	16.815	ug/l	100
49) 1,4-Dioxane	9.16	88	12488	300.162	ug/l	90
51) 4-Methyl-2-Pentanone	9.95	43	234093	84.644	ug/l	99
52) Toluene	10.12	92	103683	18.486	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	62609	17.730	ug/l	96
54) cis-1,3-Dichloropropene	9.80	75	68667	18.142	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	41991	18.207	ug/l	96
56) Ethyl methacrylate	10.40	69	55619	17.476	ug/l	97
57) 1,3-Dichloropropane	10.68	76	68881	18.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	155099	88.593	ug/l	99
59) 2-Hexanone	10.72	43	166808	83.807	ug/l	99
60) Dibromochloromethane	10.87	129	46750	18.235	ug/l	99
61) 1,2-Dibromoethane	10.97	107	41384	17.661	ug/l	100
64) Tetrachloroethene	10.60	164	47853	16.839	ug/l	99
65) Chlorobenzene	11.40	112	114775	18.298	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	43583	18.907	ug/l	99
67) Ethyl Benzene	11.48	91	190055	18.137	ug/l	98
68) m/p-Xylenes	11.59	106	148141	37.340	ug/l	100
69) o-Xylene	11.92	106	70000	18.593	ug/l	99
70) Styrene	11.94	104	118175	18.594	ug/l	98
71) Bromoform	12.10	173	31725	17.231	ug/l #	100
73) Isopropylbenzene	12.22	105	189031	19.545	ug/l	98
74) N-amyl acetate	12.04	43	64114	16.845	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	52757	18.610	ug/l	99
76) 1,2,3-Trichloropropane	12.52	75	72734	24.289	ug/l #	100
77) Bromobenzene	12.50	156	47668	18.281	ug/l	98
78) n-propylbenzene	12.56	91	206710	18.761	ug/l	98
79) 2-Chlorotoluene	12.65	91	128911	18.928	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	156665	19.488	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	18133	16.597	ug/l	93
82) 4-Chlorotoluene	12.74	91	133352	18.680	ug/l	100
83) tert-Butylbenzene	12.96	119	126923	18.836	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	156942	19.309	ug/l	100
85) sec-Butylbenzene	13.14	105	166272	18.585	ug/l	100
86) p-Isopropyltoluene	13.26	119	154575	18.977	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	87266	18.837	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	87324	17.824	ug/l	99
89) n-Butylbenzene	13.59	91	121505	16.986	ug/l	99
90) Hexachloroethane	13.85	117	27279	19.278	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	86729	19.067	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10252	16.073	ug/l	96

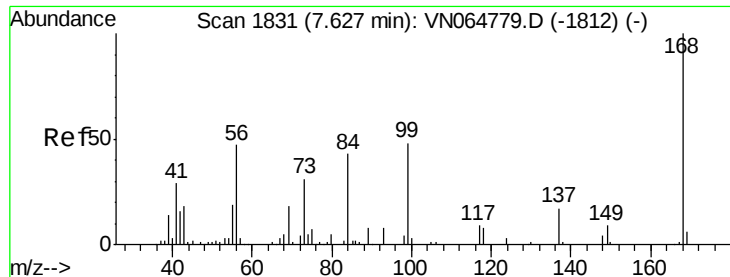
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	42499	15.103	ug/l	99
94) Hexachlorobutadiene	14.98	225	23160	18.514	ug/l	97
95) Naphthalene	15.10	128	117784	13.972	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	39934	15.910	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.01 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

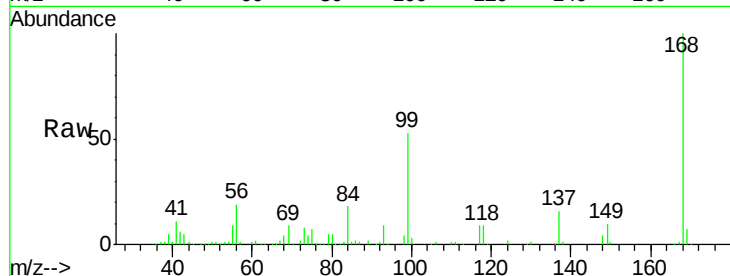
VN1208WBS01

Tgt Ion:168 Resp: 213537

Ion Ratio Lower Upper

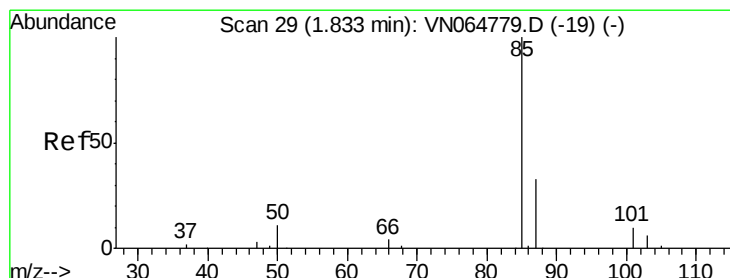
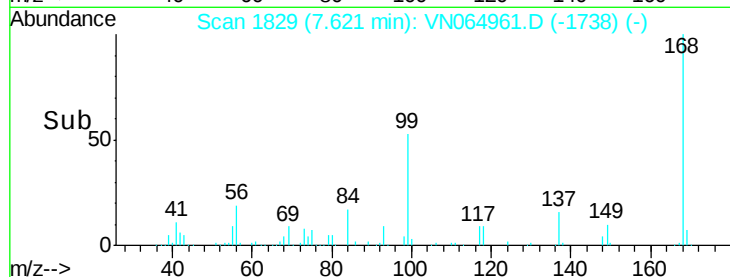
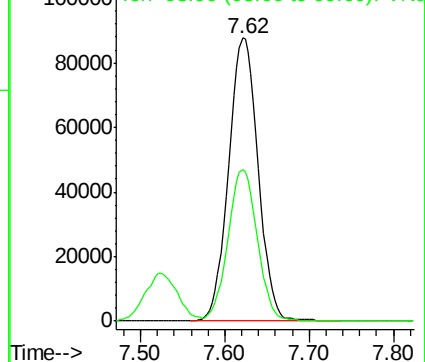
168 100

99 53.4 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 14.758 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064961.D

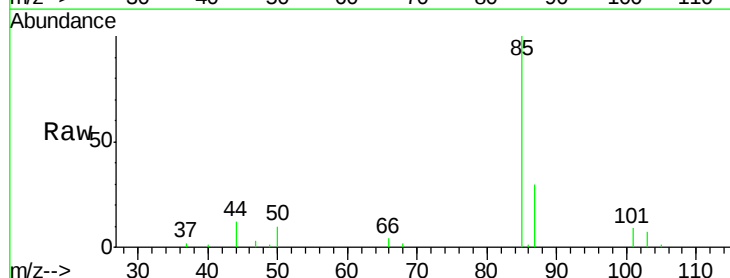
Acq: 8 Dec 2020 11:44

Tgt Ion: 85 Resp: 27313

Ion Ratio Lower Upper

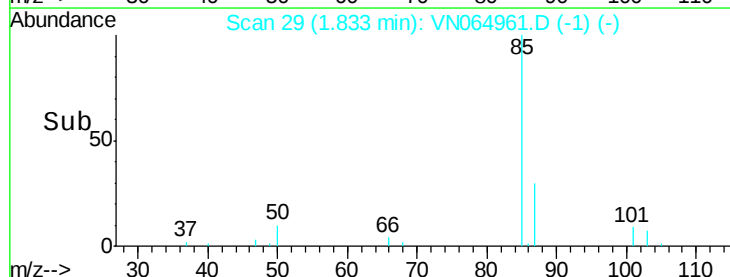
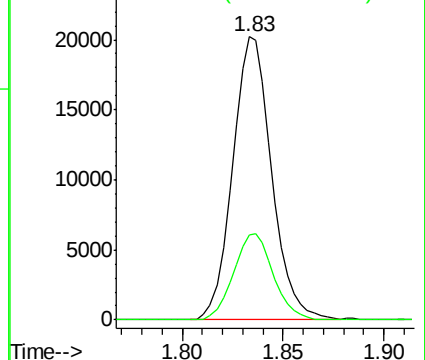
85 100

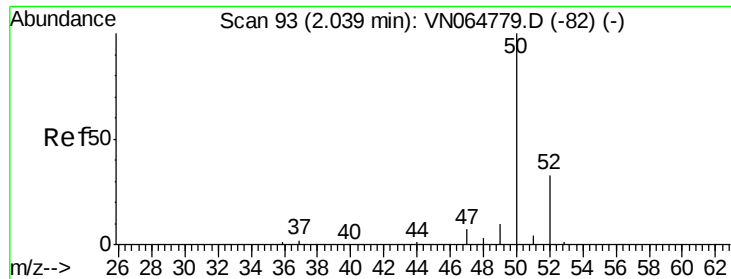
87 29.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

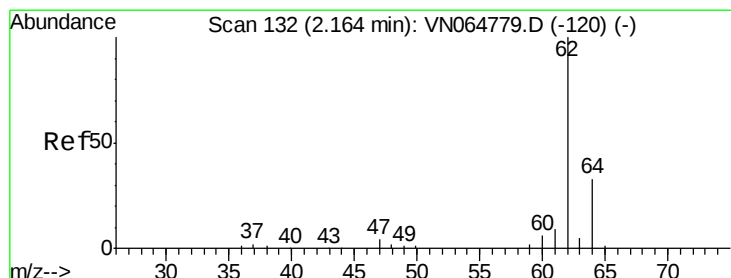
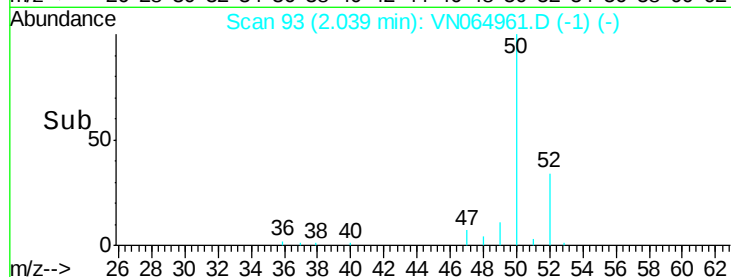
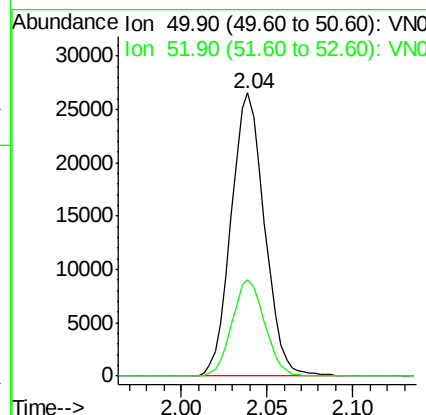
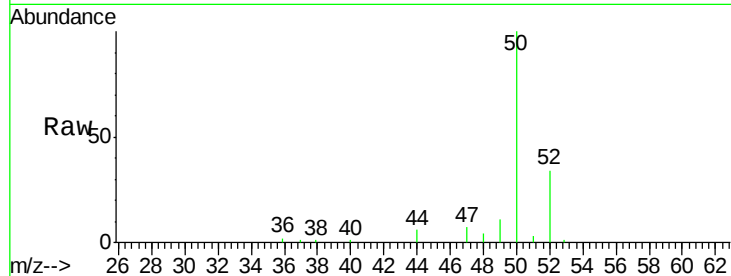




#3
 Chloromethane
 Concen: 14.872 ug/l
 RT: 2.04 min Scan# 93
 Delta R.T. 0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

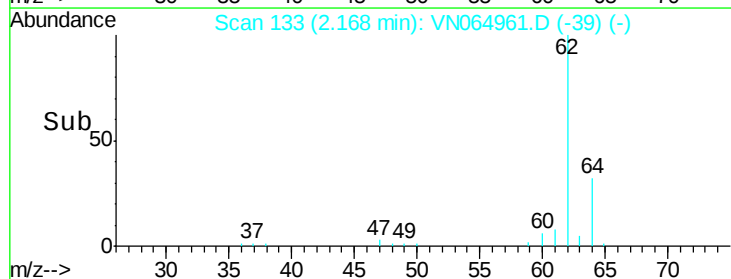
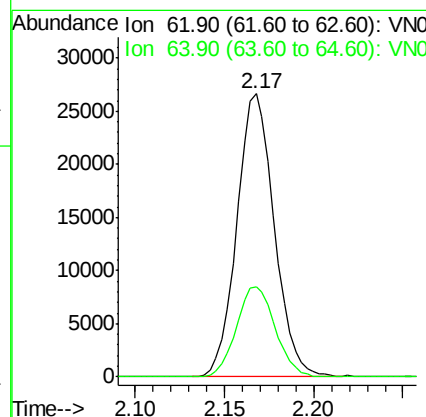
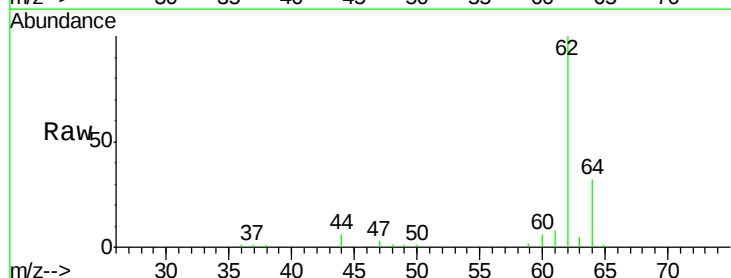
Instrument :
 MSVOA_N
 ClientSampled :
 VN1208WBS01

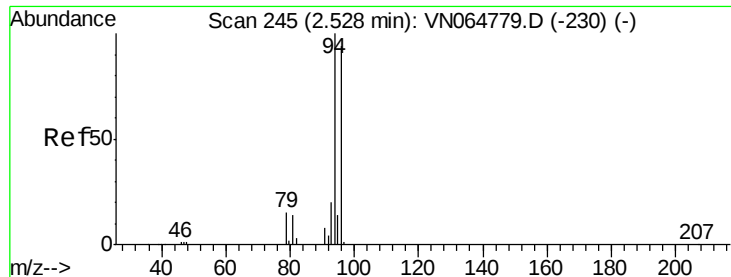
Tgt Ion: 50 Resp: 35766
 Ion Ratio Lower Upper
 50 100
 52 34.1 26.6 39.8



#4
 Vinyl Chloride
 Concen: 15.522 ug/l
 RT: 2.17 min Scan# 133
 Delta R.T. 0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion: 62 Resp: 38919
 Ion Ratio Lower Upper
 62 100
 64 32.0 26.5 39.7





#5

Bromomethane

Concen: 16.988 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

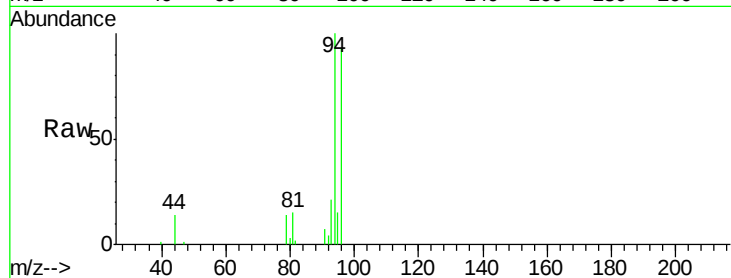
VN1208WBS01

Tgt Ion: 94 Resp: 27945

Ion Ratio Lower Upper

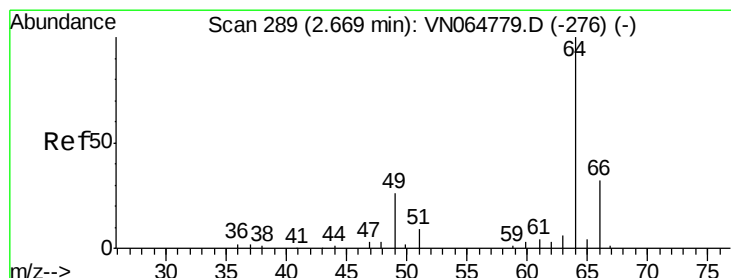
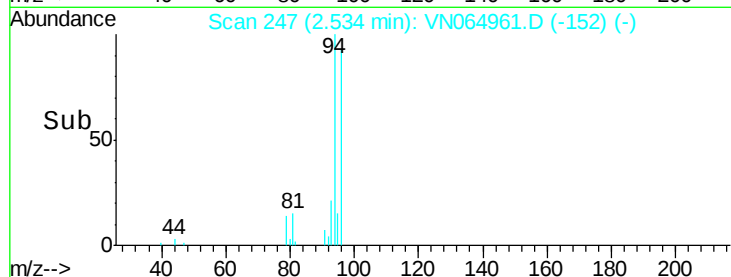
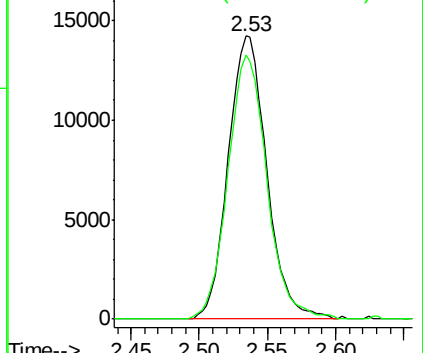
94 100

96 93.4 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 16.342 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064961.D

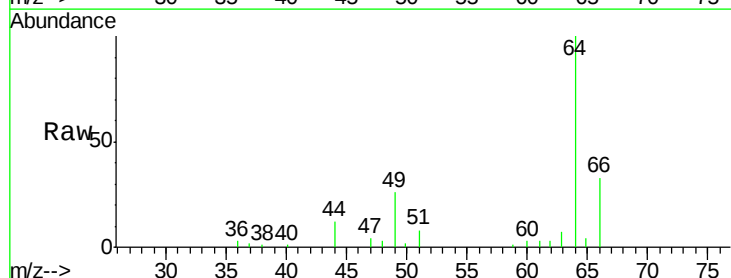
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Tgt Ion: 64 Resp: 25343

Ion Ratio Lower Upper

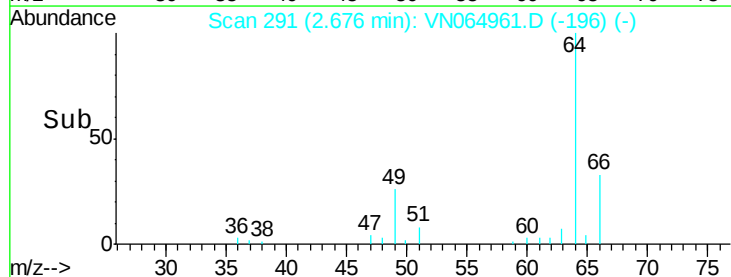
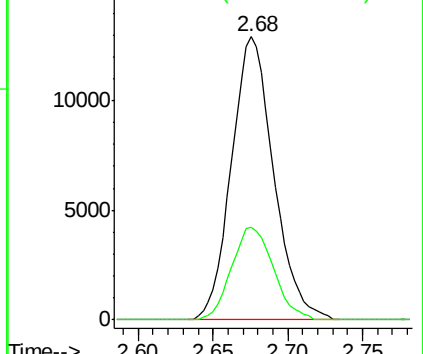
64 100

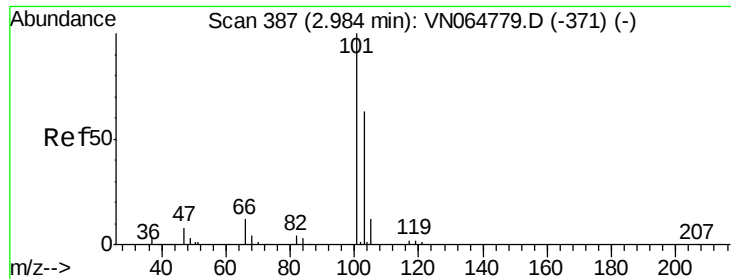
66 32.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



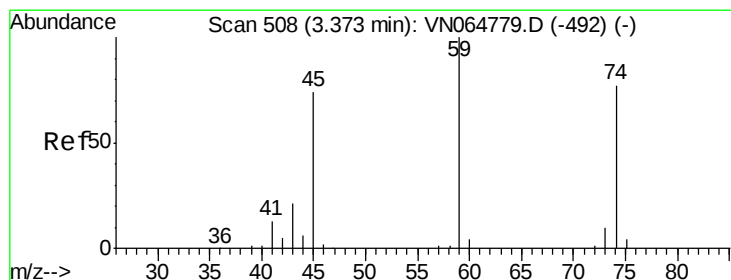
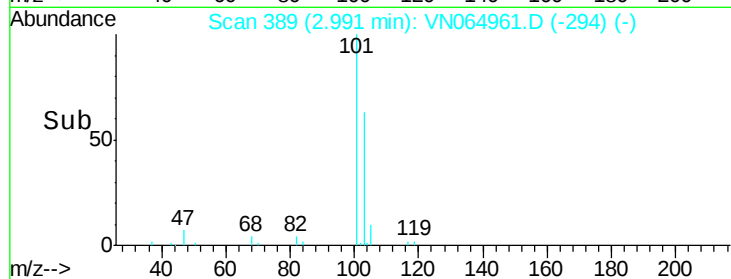
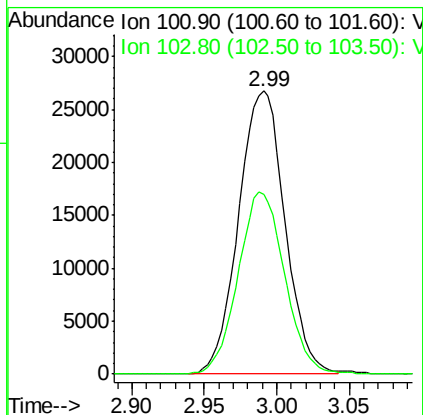
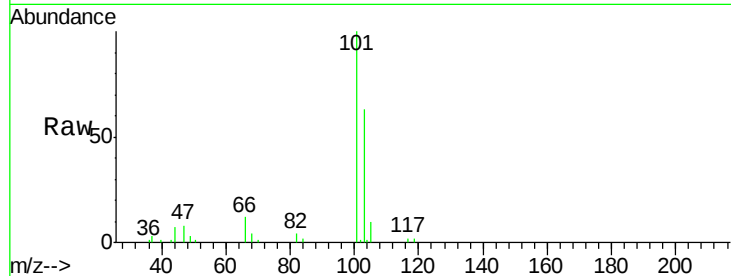


#7

Trichlorofluoromethane
 Concen: 17.166 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

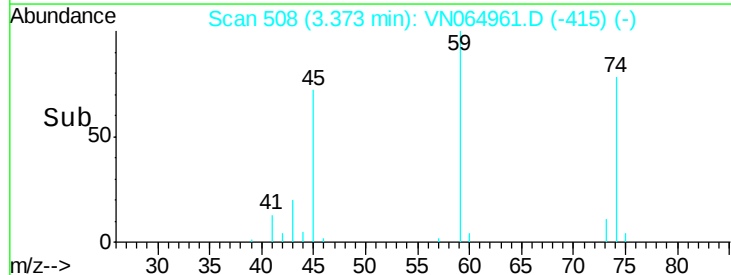
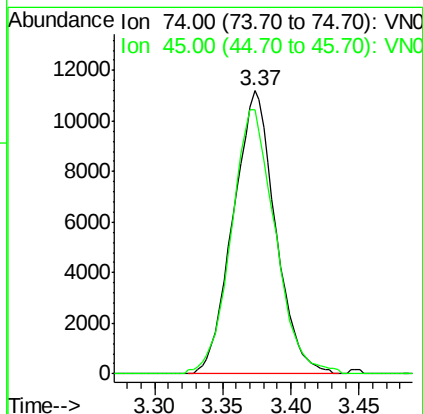
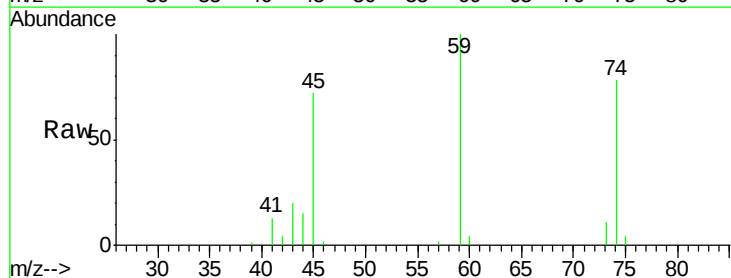
Tgt Ion: 101 Resp: 59496
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.5 75.7

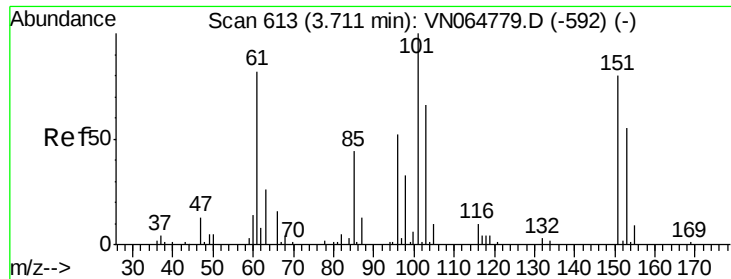


#8

Diethyl Ether
 Concen: 17.600 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion: 74 Resp: 24079
 Ion Ratio Lower Upper
 74 100
 45 96.8 48.9 146.8

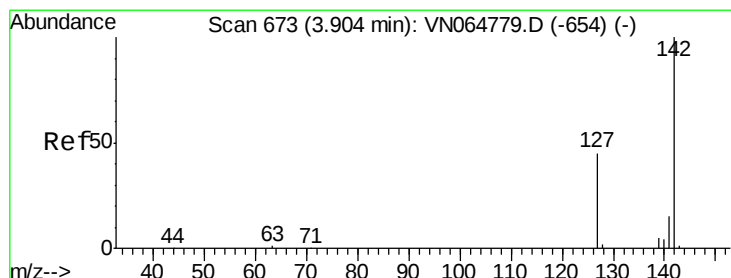
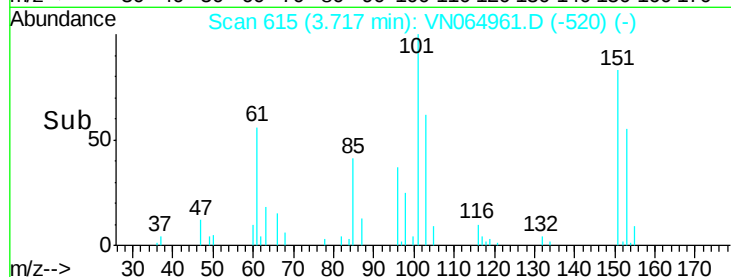
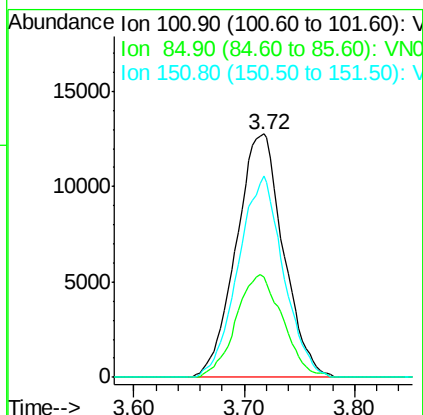
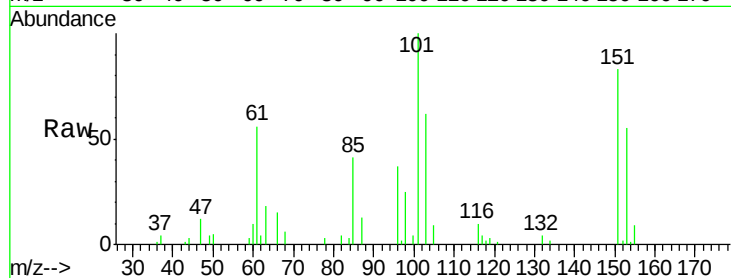




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.146 ug/l
 RT: 3.72 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

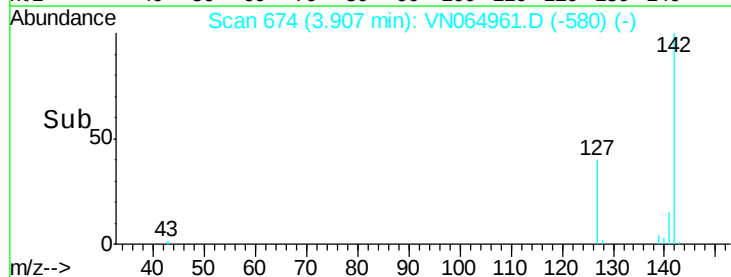
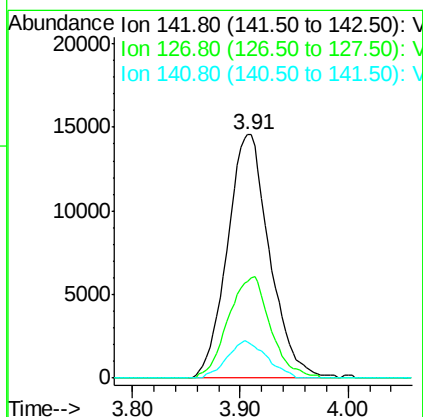
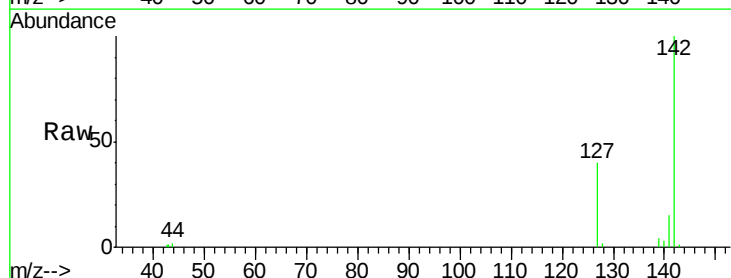
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

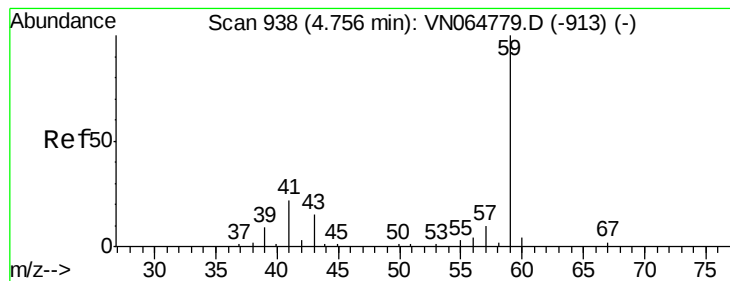
Tgt Ion:101 Resp: 37729
 Ion Ratio Lower Upper
 101 100
 85 41.8 34.4 51.6
 151 79.5 64.0 96.0



#10
 Methyl Iodide
 Concen: 14.715 ug/l
 RT: 3.91 min Scan# 674
 Delta R.T. 0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion:142 Resp: 39684
 Ion Ratio Lower Upper
 142 100
 127 41.6 35.0 52.6
 141 14.3 11.8 17.6





#11

Tert butyl alcohol

Concen: 75.544 ug/l

RT: 4.74 min Scan# 932

Delta R.T. -0.02 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

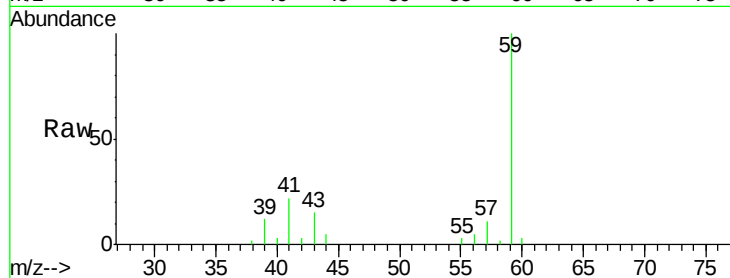
VN1208WBS01

Tgt Ion: 59 Resp: 29247

Ion Ratio Lower Upper

59 100

57 5.9 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.74

8000

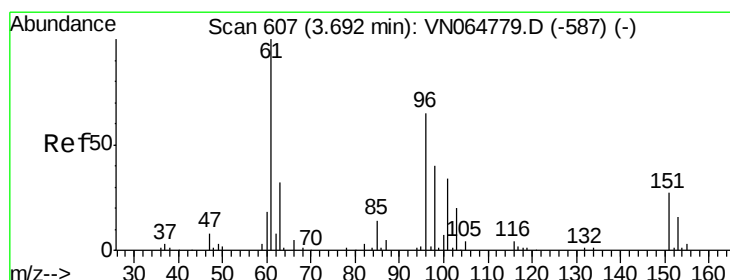
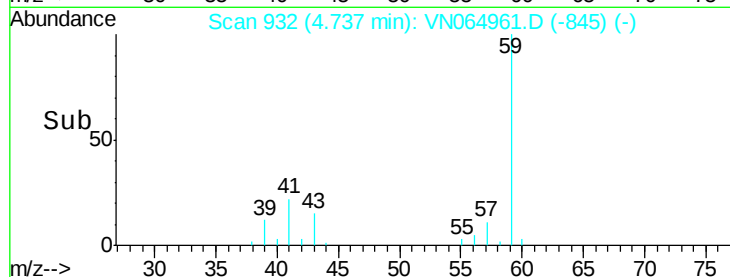
6000

4000

2000

0

Time--> 4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 17.053 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

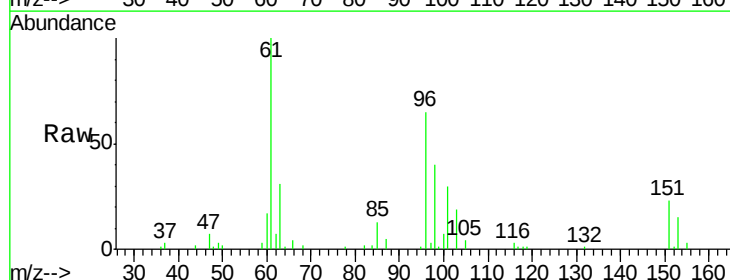
Tgt Ion: 96 Resp: 35311

Ion Ratio Lower Upper

96 100

61 153.5 123.4 185.2

98 61.5 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

3.69

30000

25000

20000

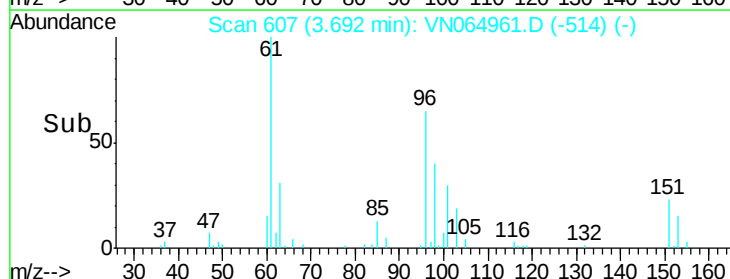
15000

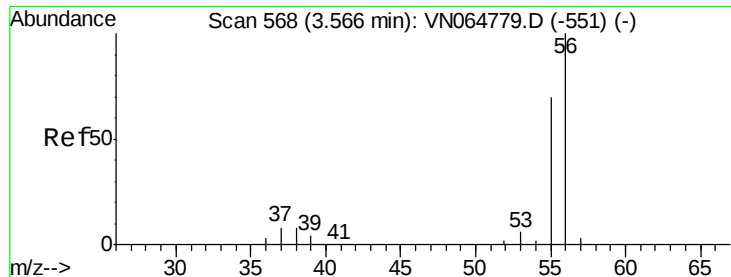
10000

5000

0

Time--> 3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 82.265 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

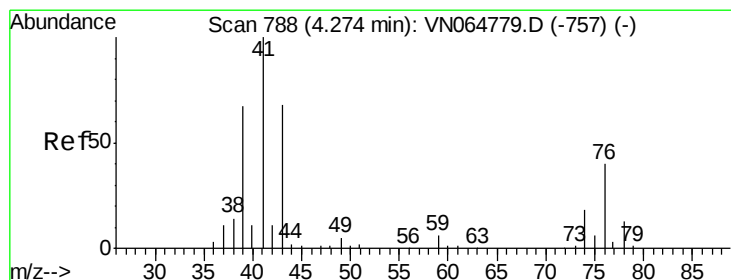
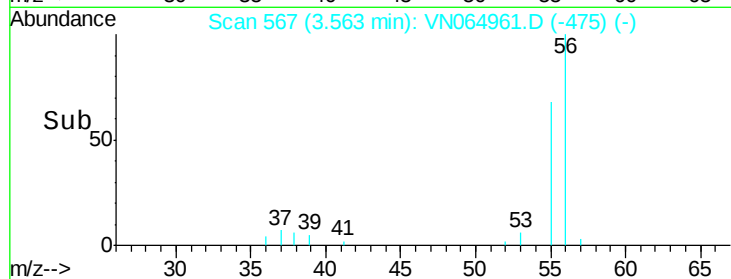
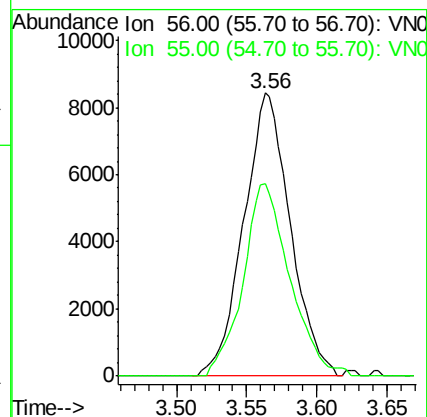
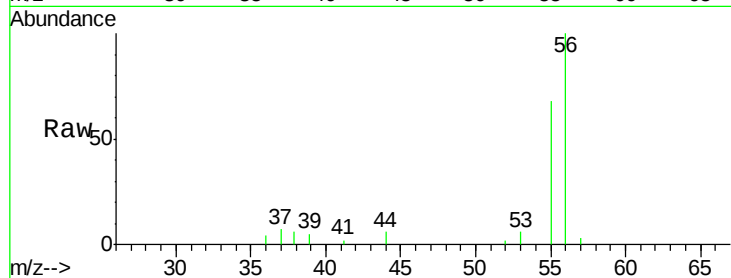
VN1208WBS01

Tgt Ion: 56 Resp: 19454

Ion Ratio Lower Upper

56 100

55 68.1 56.5 84.7



#14

Allyl chloride

Concen: 16.634 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

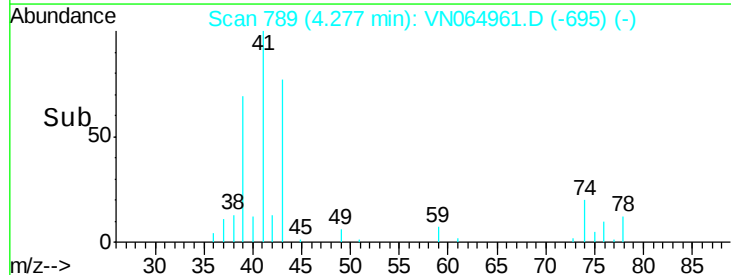
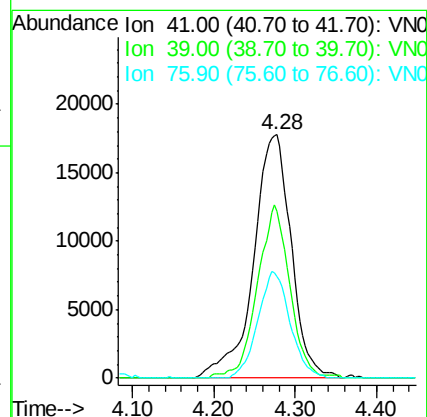
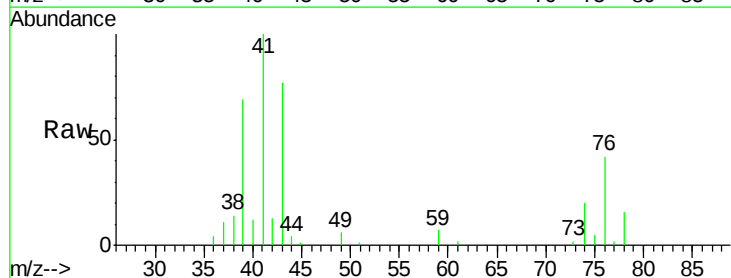
Tgt Ion: 41 Resp: 56809

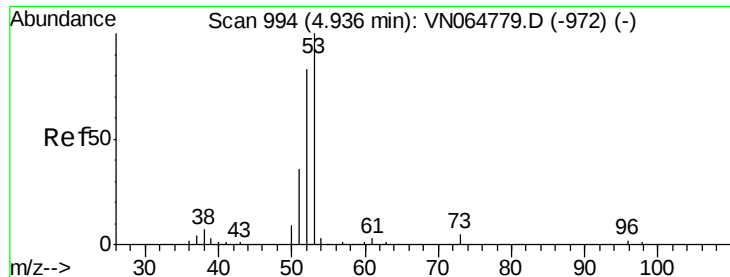
Ion Ratio Lower Upper

41 100

39 60.8 50.9 76.3

76 37.4 29.0 43.4





#15

Acrylonitrile

Concen: 80.585 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

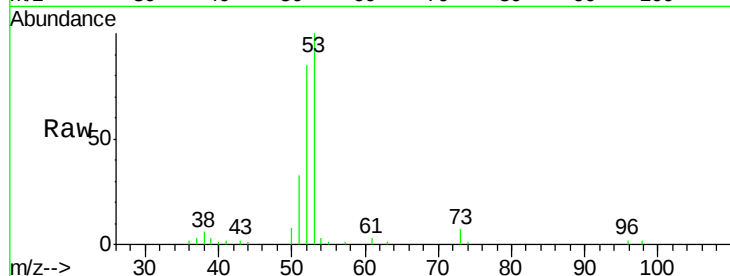
Tgt Ion: 53 Resp: 86187

Ion Ratio Lower Upper

53 100

52 81.4 65.5 98.3

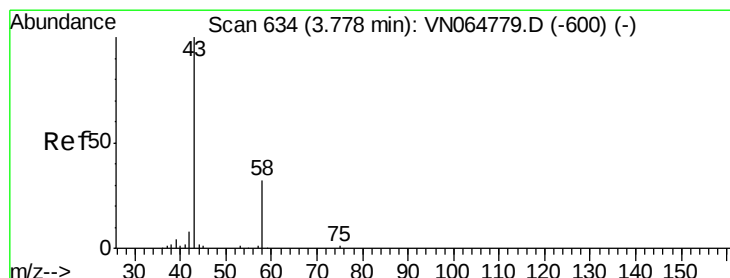
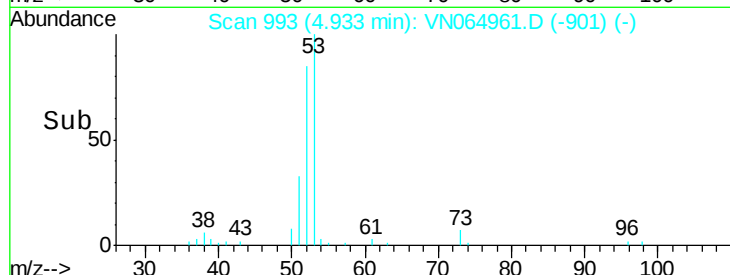
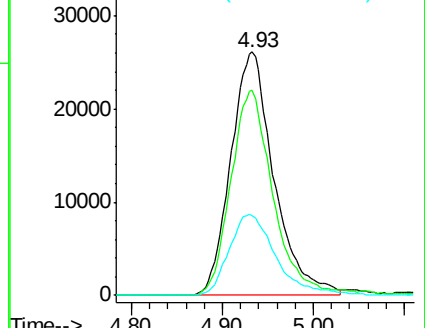
51 36.0 28.6 43.0



Abundance Ion 53.00 (52.70 to 53.70): VN064961.D (-901) (-)

Ion 52.00 (51.70 to 52.70): VN064961.D (-901) (-)

Ion 51.00 (50.70 to 51.70): VN064961.D (-901) (-)



#16

Acetone

Concen: 89.708 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064961.D

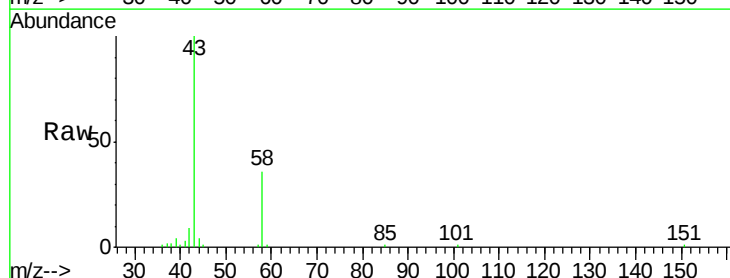
Acq: 8 Dec 2020 11:44

Tgt Ion: 43 Resp: 73208

Ion Ratio Lower Upper

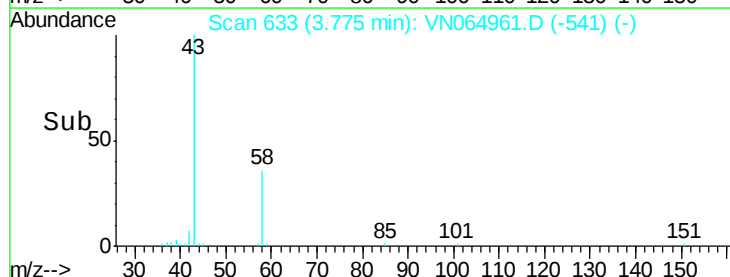
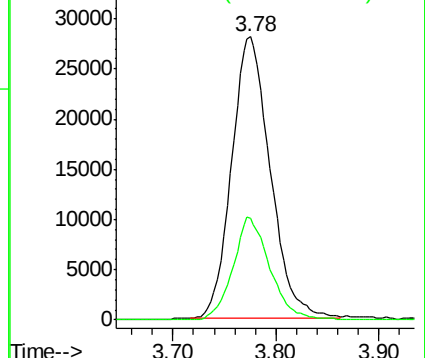
43 100

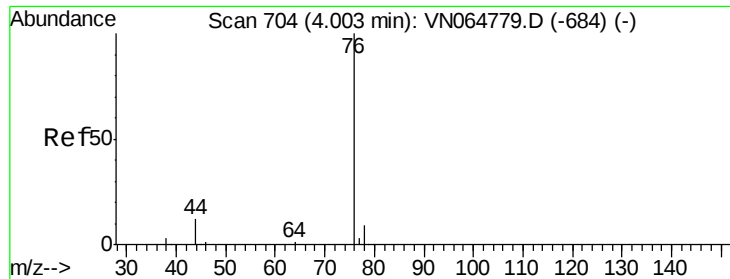
58 36.1 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VN064961.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN064961.D (-541) (-)

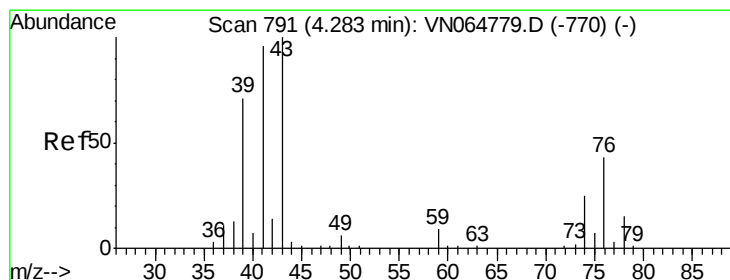
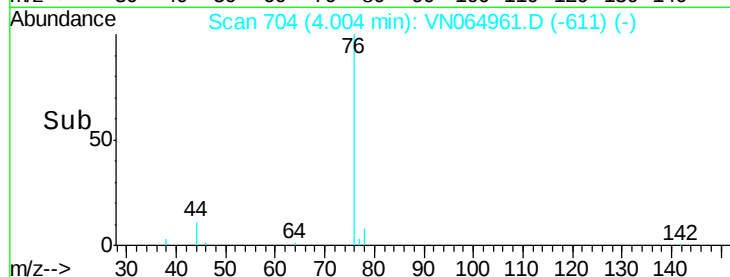
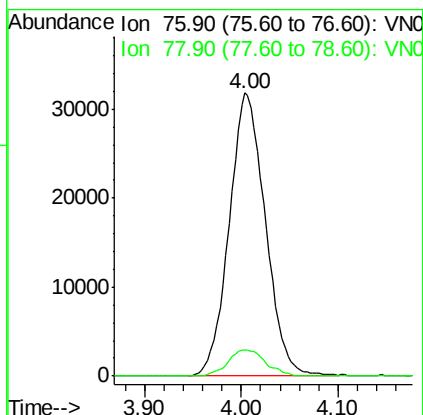
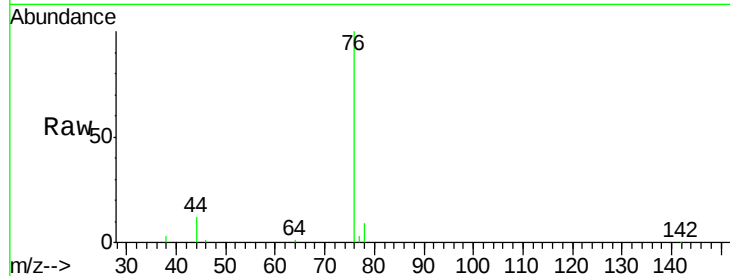




#17
Carbon Disulfide
Concen: 15.479 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

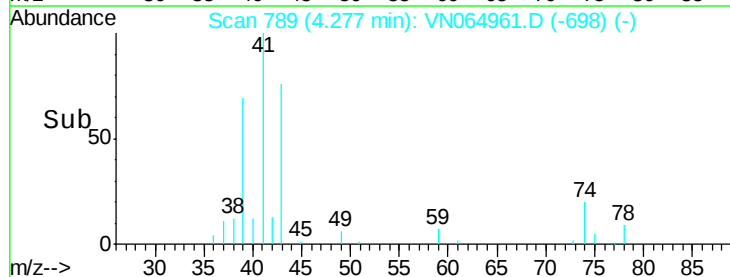
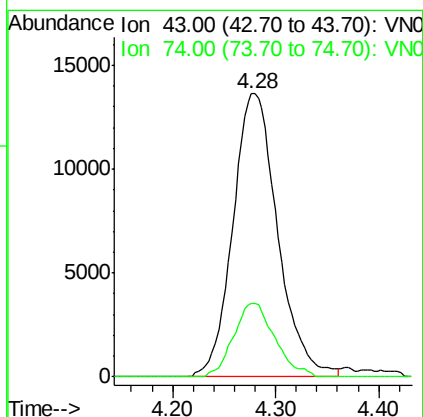
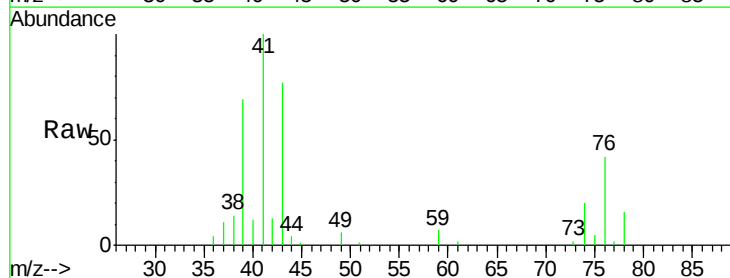
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

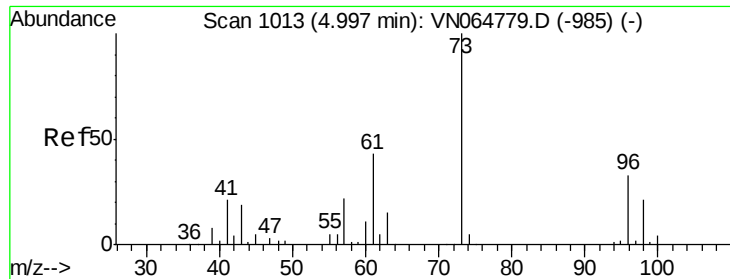
Tgt Ion: 76 Resp: 82738
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 16.784 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion: 43 Resp: 41181
Ion Ratio Lower Upper
43 100
74 23.9 20.2 30.2

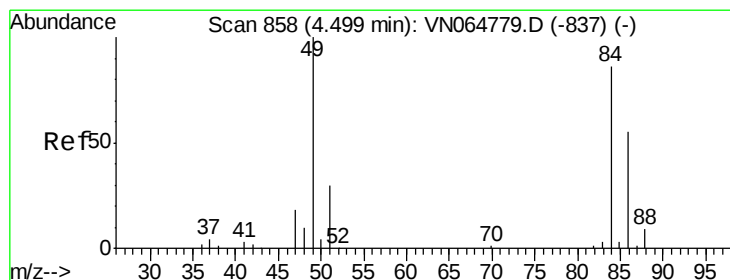
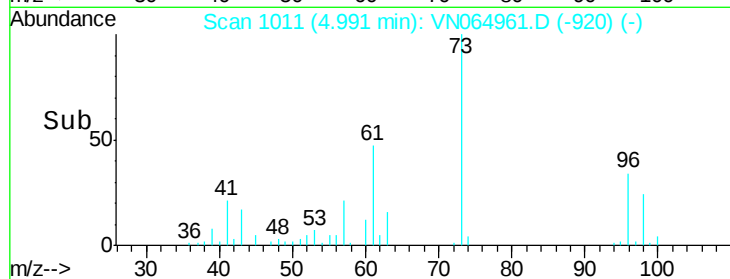
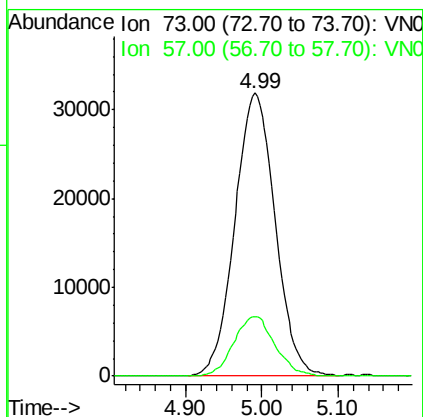
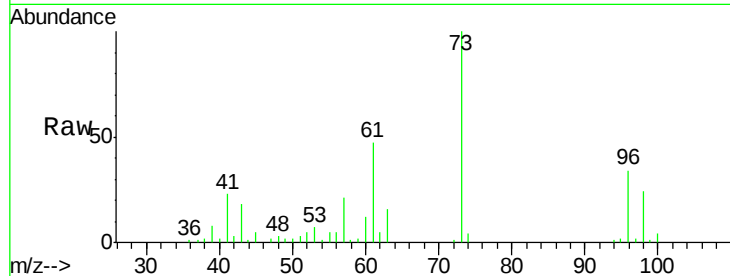




#19
Methyl tert-butyl Ether
Concen: 17.706 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

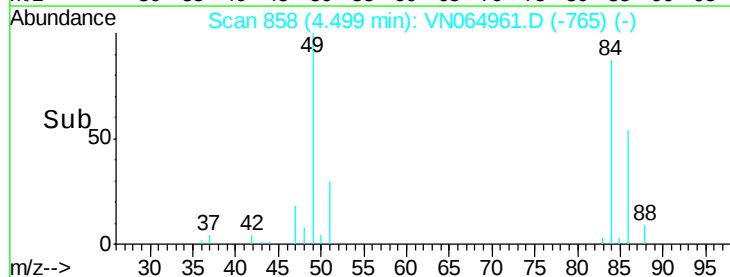
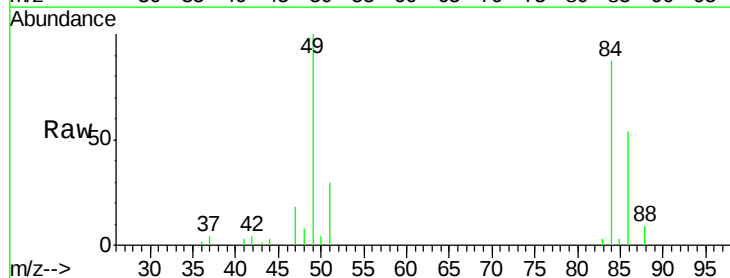
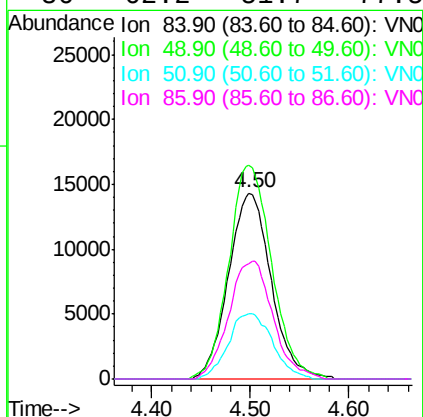
Instrument :
MSVOA_N
ClientSampled :
VN1208WBS01

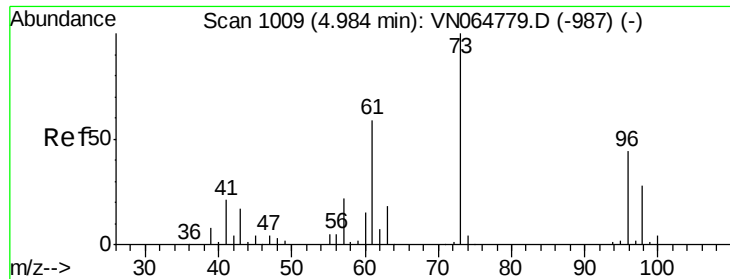
Tgt Ion: 73 Resp: 117584
Ion Ratio Lower Upper
73 100
57 20.9 17.4 26.0



#20
Methylene Chloride
Concen: 16.901 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion: 84 Resp: 43219
Ion Ratio Lower Upper
84 100
49 114.7 93.4 140.0
51 35.0 28.2 42.4
86 62.2 51.7 77.5

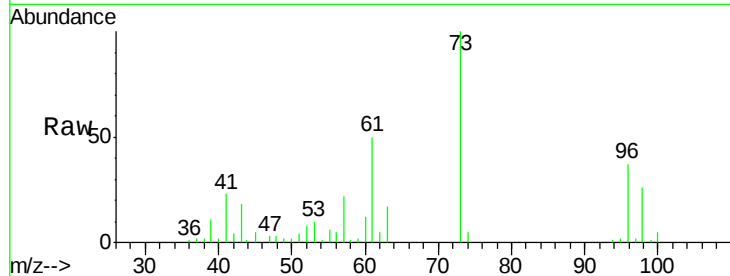




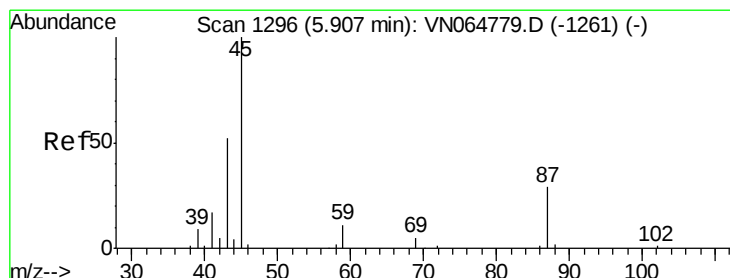
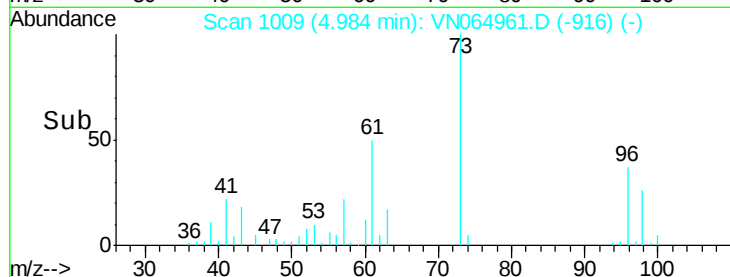
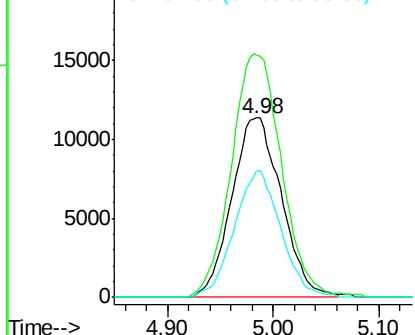
#21
trans-1,2-Dichloroethene
Concen: 16.137 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. 0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

Tgt Ion: 96 Resp: 37107
Ion Ratio Lower Upper
96 100
61 135.2 108.4 162.6
98 70.2 51.3 76.9

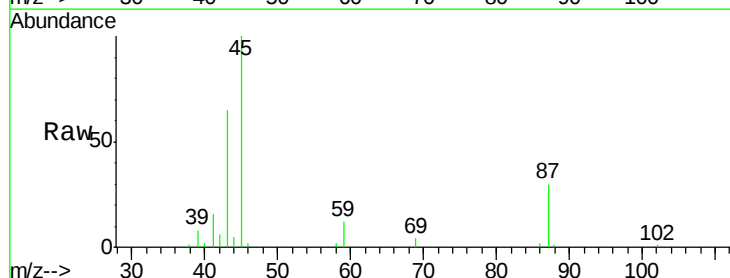


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

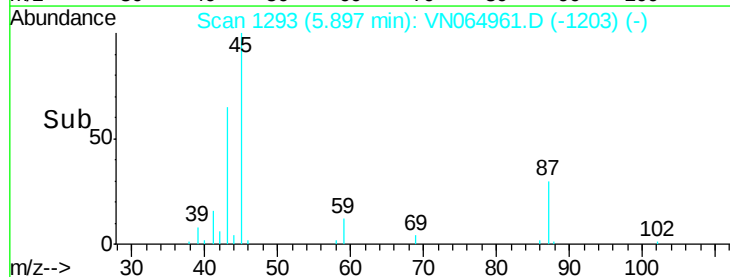
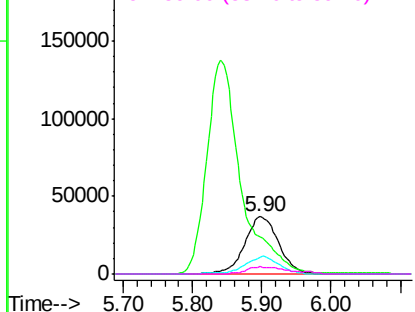


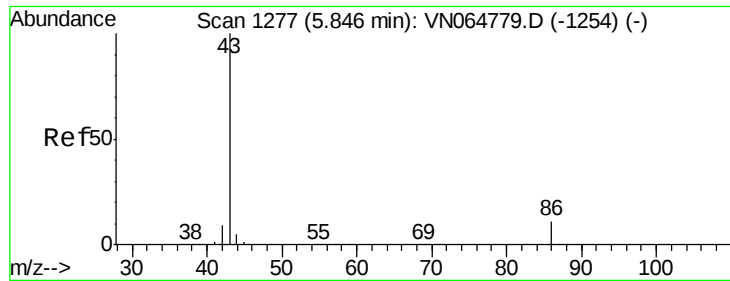
#22
Diisopropyl ether
Concen: 18.293 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion: 45 Resp: 125047
Ion Ratio Lower Upper
45 100
43 62.9 46.2 69.2
87 29.9 24.1 36.1
59 12.5 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 86.049 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. -0.01 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

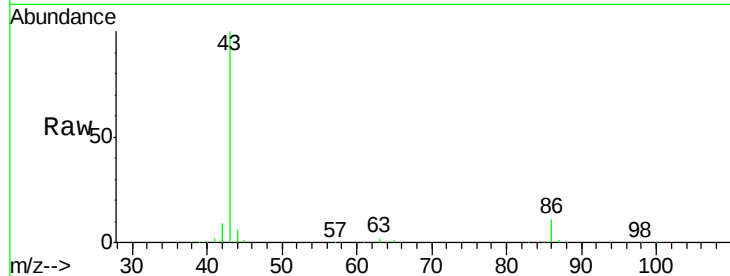
VN1208WBS01

Tgt Ion: 43 Resp: 470384

Ion Ratio Lower Upper

43 100

86 10.6 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN064961.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064961.D (-1184) (-)

5.84

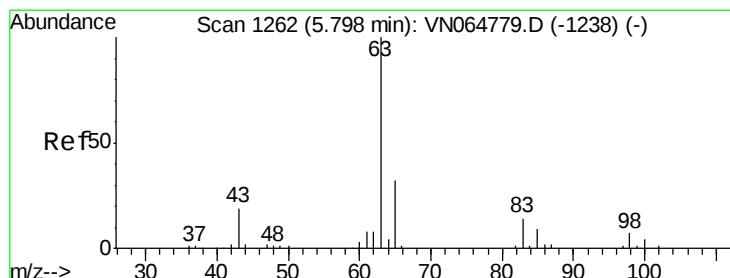
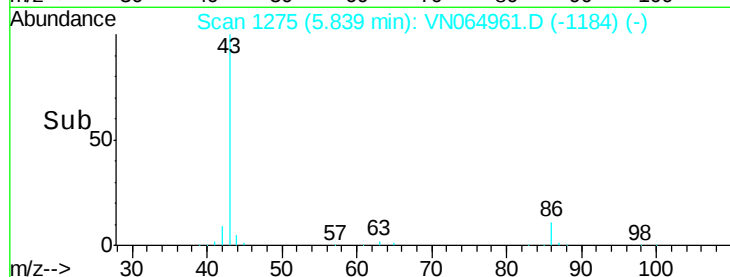
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 17.570 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

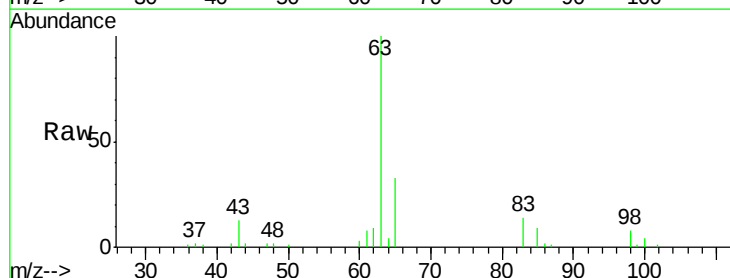
Tgt Ion: 63 Resp: 71779

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.5

100 4.4 2.3 6.8



Abundance Ion 62.90 (62.60 to 63.60): VN064961.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064961.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064961.D (-1169) (-)

5.79

30000

25000

20000

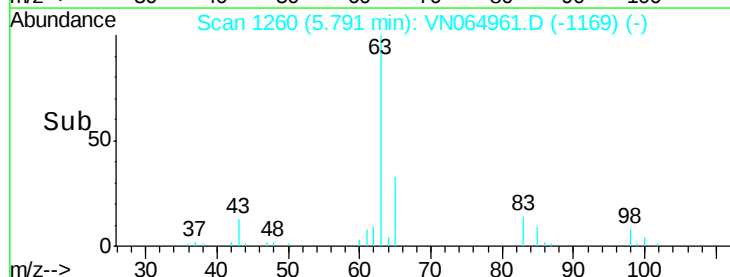
15000

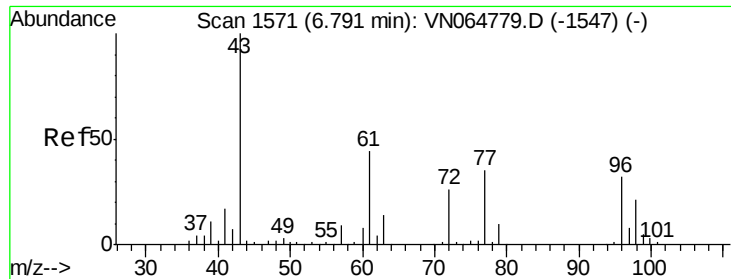
10000

5000

0

Time-->





#25

2-Butanone

Concen: 86.910 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

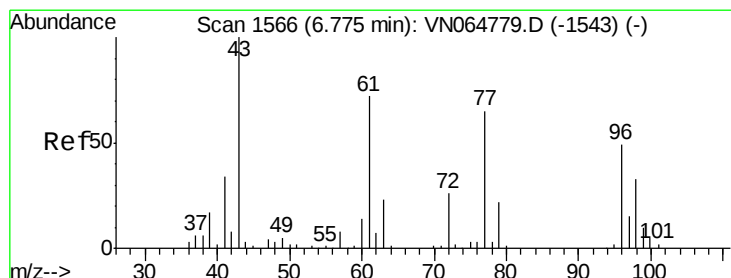
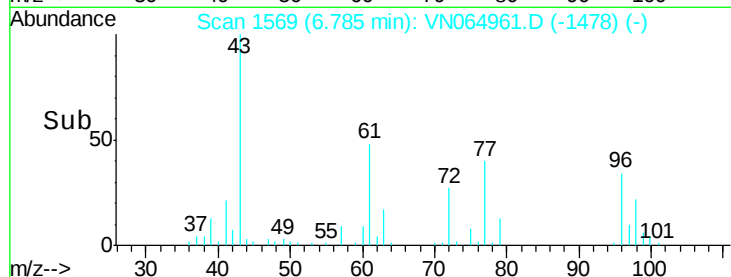
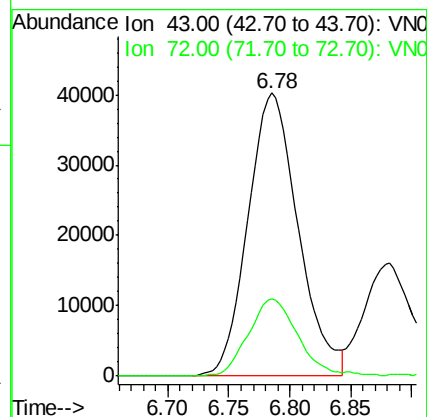
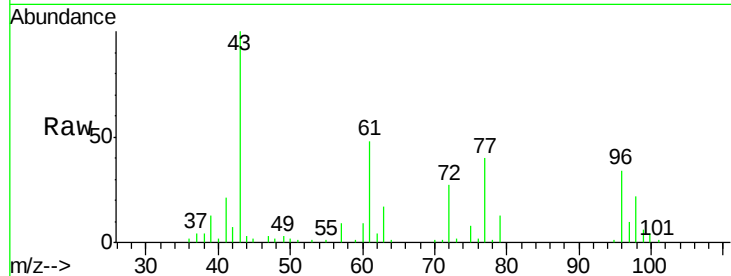
VN1208WBS01

Tgt Ion: 43 Resp: 114973

Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 17.976 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064961.D

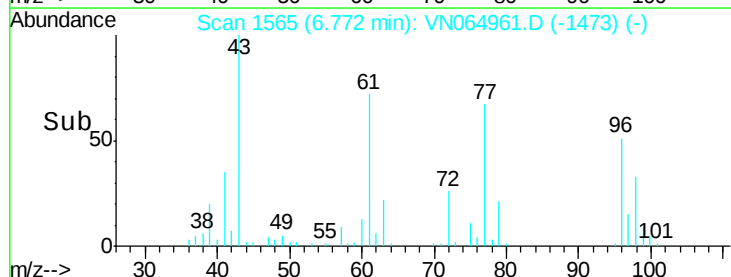
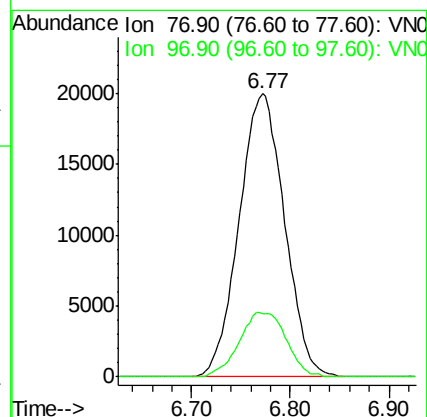
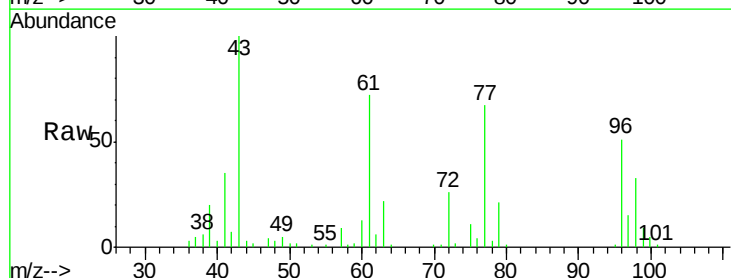
Acq: 8 Dec 2020 11:44

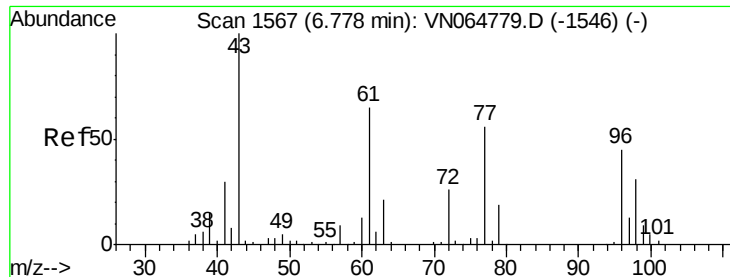
Tgt Ion: 77 Resp: 63693

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0

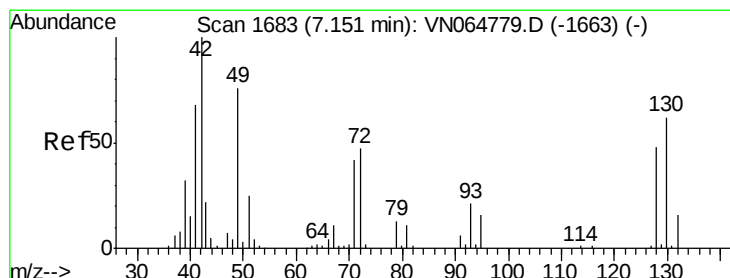
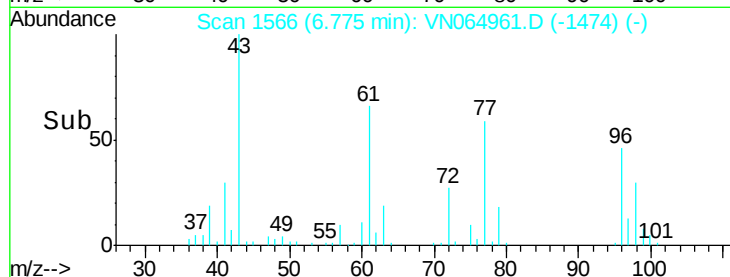
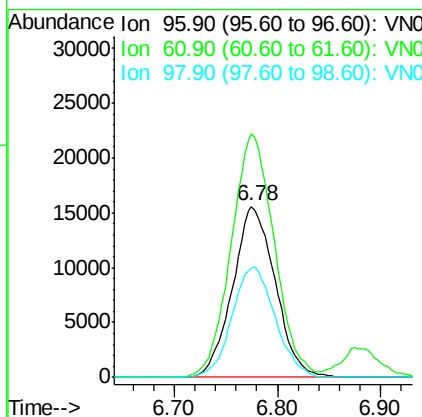
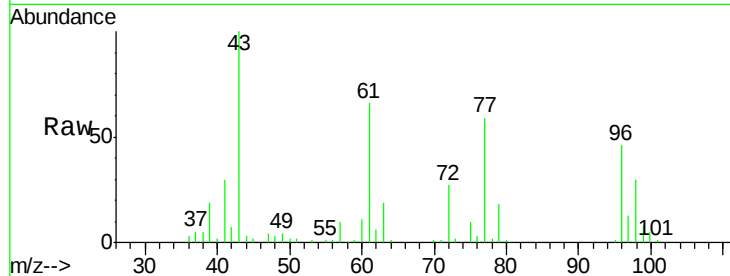




#27
 cis-1,2-Dichloroethene
 Concen: 17.283 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

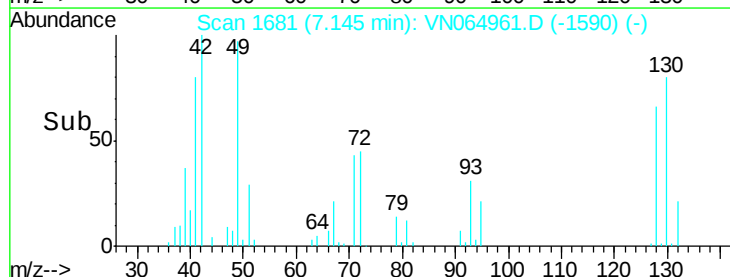
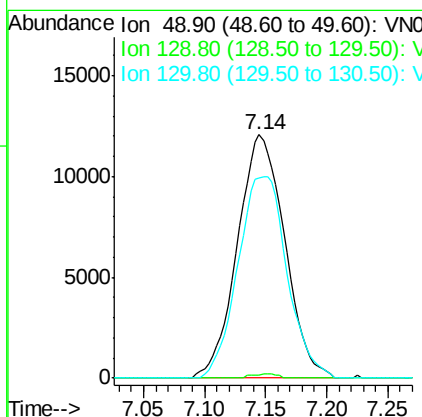
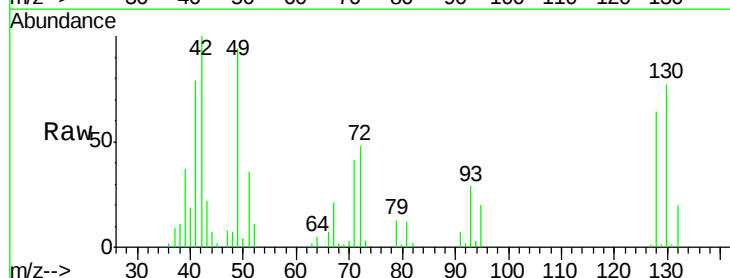
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

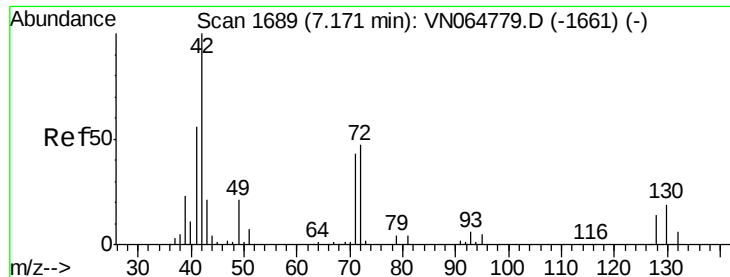
Tgt Ion: 96 Resp: 44720
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 285.8
 98 65.3 0.0 130.6



#28
 Bromochloromethane
 Concen: 17.327 ug/l
 RT: 7.14 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion: 49 Resp: 32383
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 3.8
 130 86.0 66.2 99.2

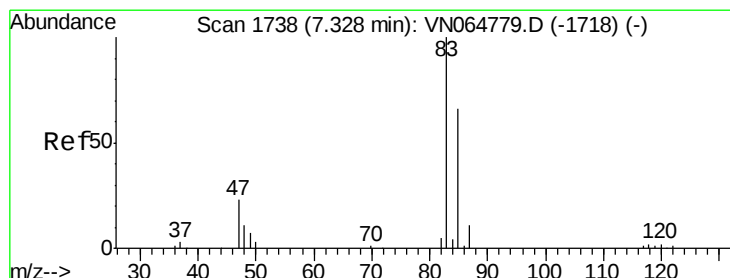
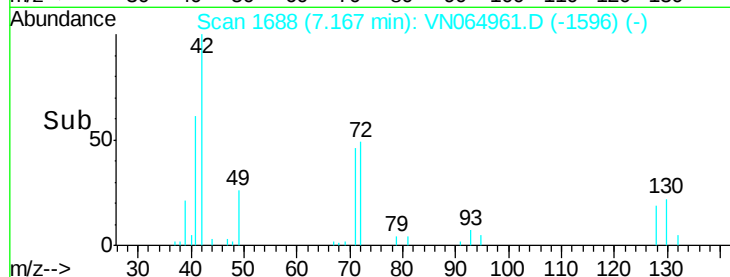
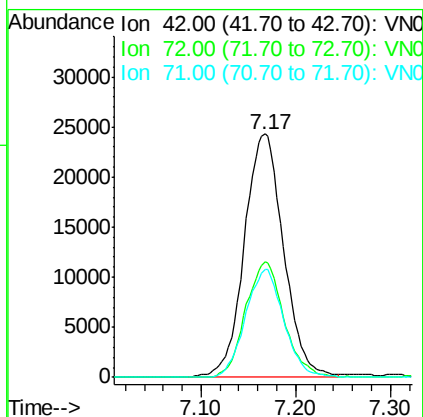
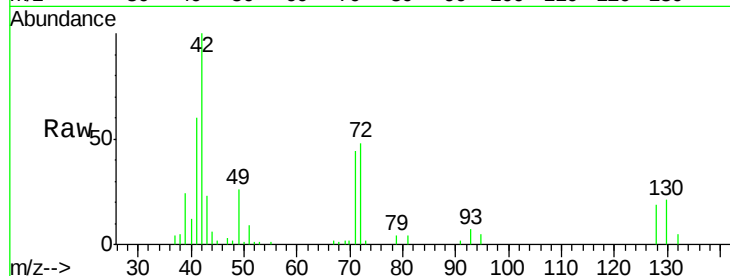




#29
Tetrahydrofuran
Concen: 76.873 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

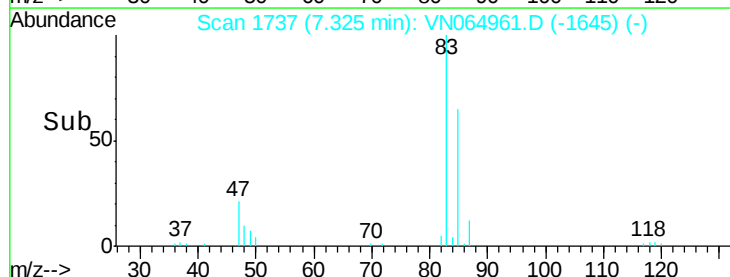
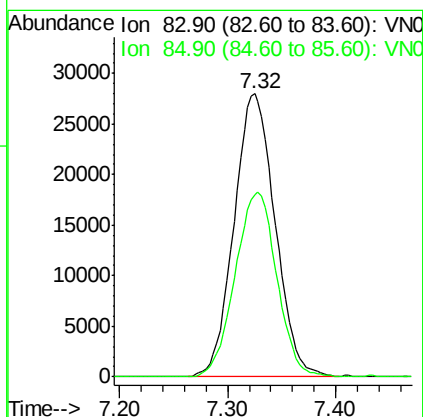
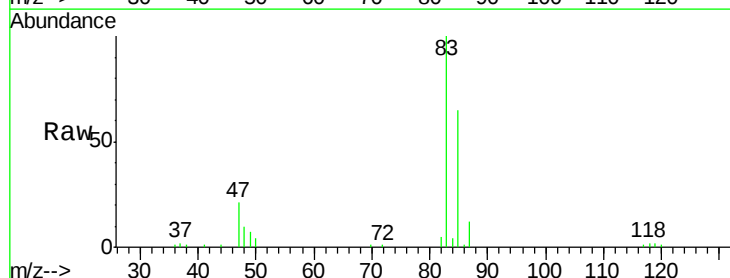
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

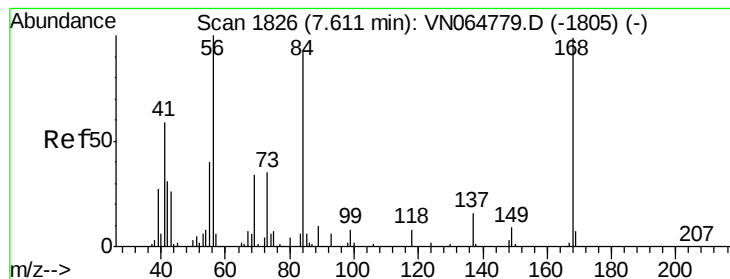
Tgt Ion: 42 Resp: 70199
Ion Ratio Lower Upper
42 100
72 46.2 36.6 54.8
71 42.9 33.6 50.4



#30
Chloroform
Concen: 17.590 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion: 83 Resp: 74108
Ion Ratio Lower Upper
83 100
85 64.5 52.6 78.8





#31

Cyclohexane

Concen: 16.235 ug/l

RT: 7.61 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

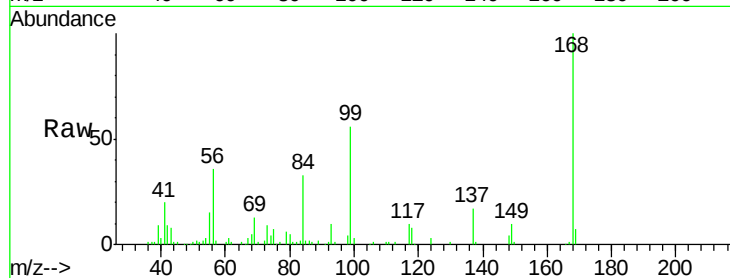
Tgt Ion: 56 Resp: 56173

Ion Ratio Lower Upper

56 100

69 37.1 27.5 41.3

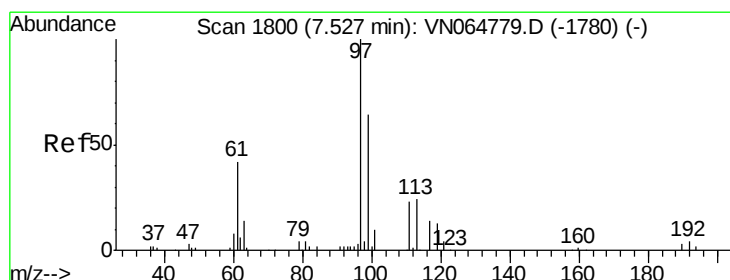
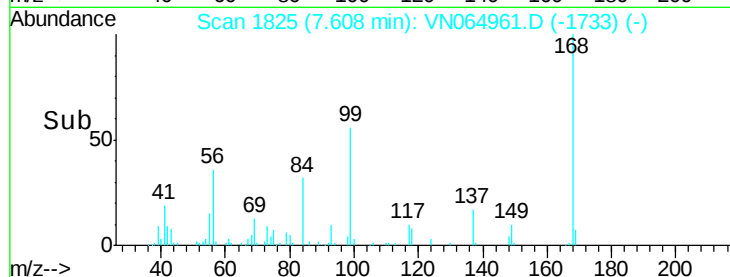
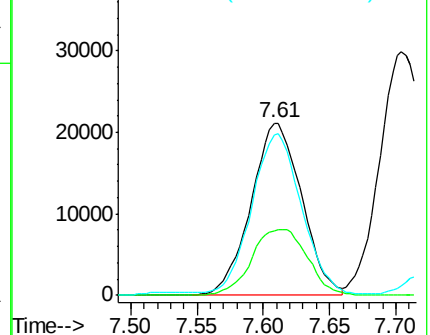
84 91.4 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VN064961.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064961.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064961.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 18.031 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

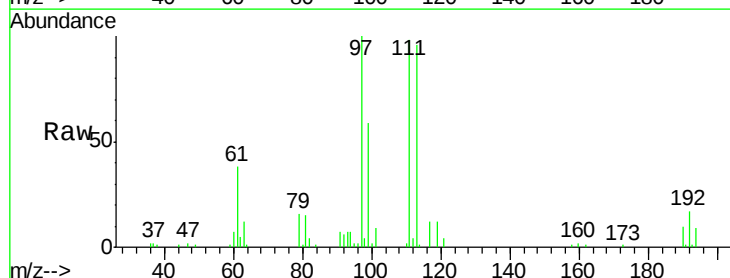
Tgt Ion: 97 Resp: 65245

Ion Ratio Lower Upper

97 100

99 62.2 51.7 77.5

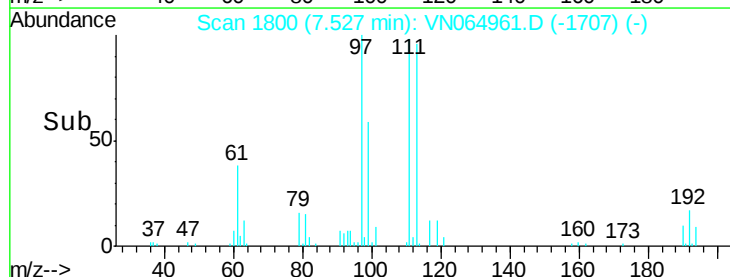
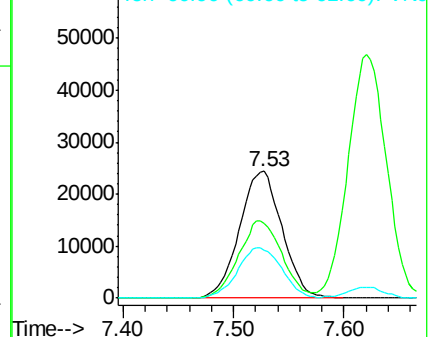
61 41.1 33.9 50.9

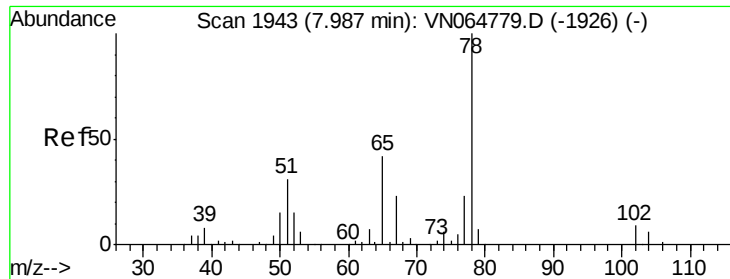


Abundance Ion 96.90 (96.60 to 97.60): VN064961.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064961.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064961.D (-1707) (-)

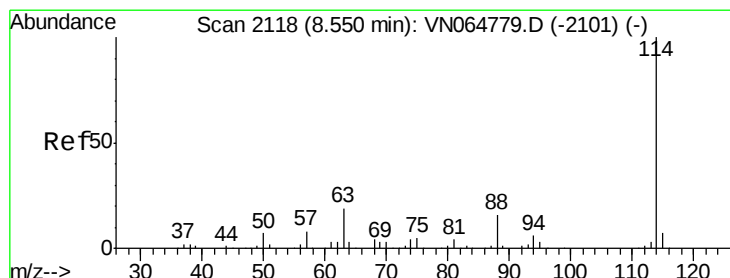
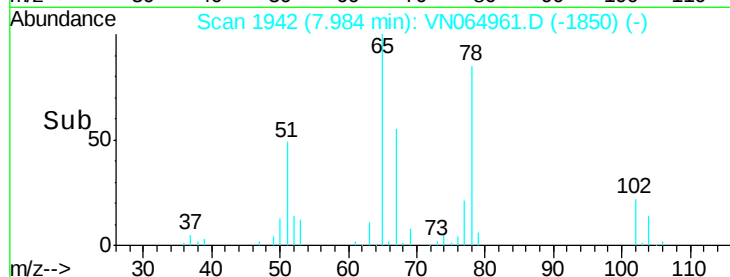
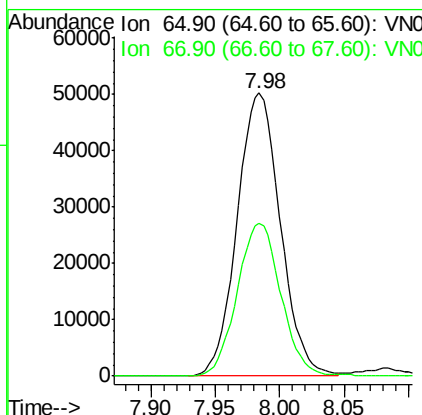
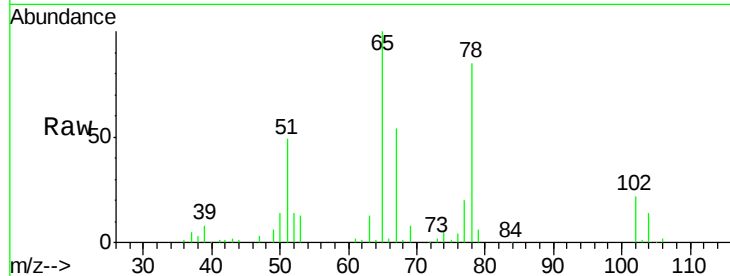




#33
 1,2-Dichloroethane-d4
 Concen: 47.210 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

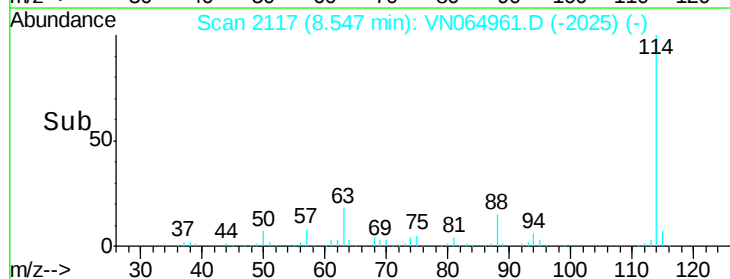
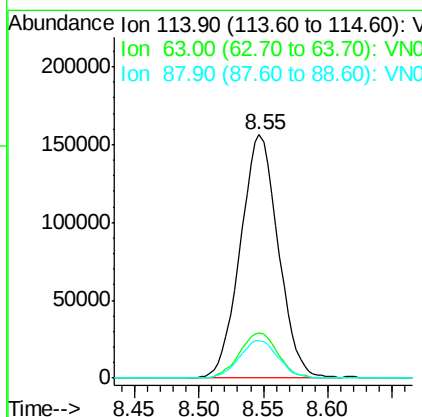
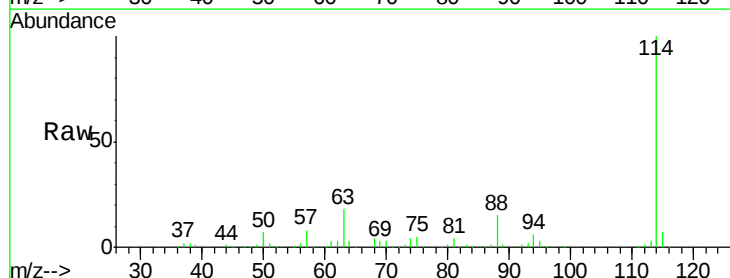
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

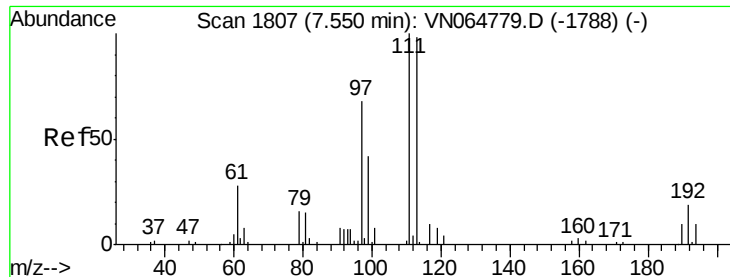
Tgt Ion: 65 Resp: 117200
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion: 114 Resp: 320643
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 38.6
 88 15.5 0.0 32.6

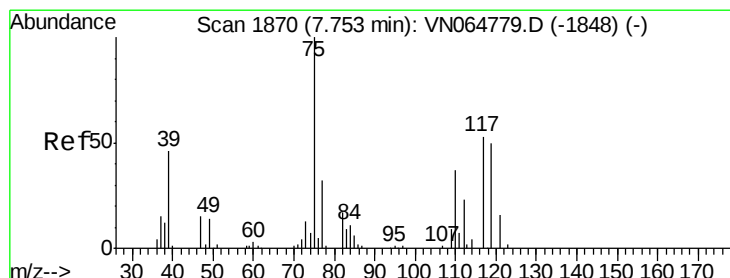
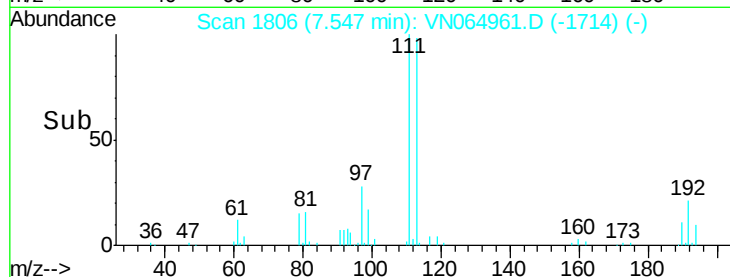
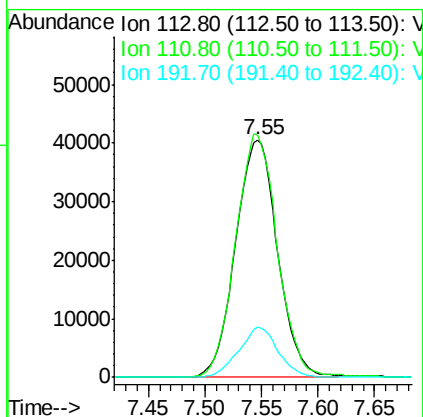
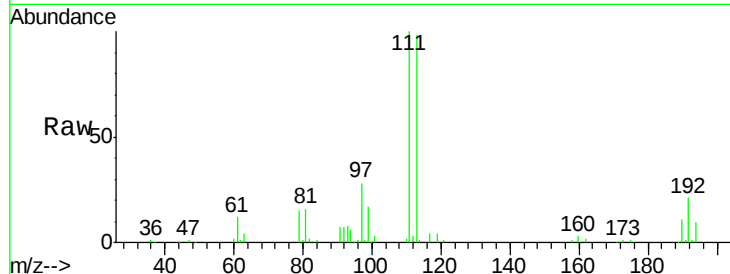




#35
 Dibromofluoromethane
 Concen: 54.595 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

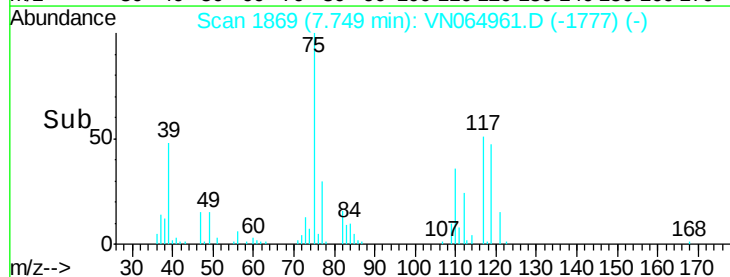
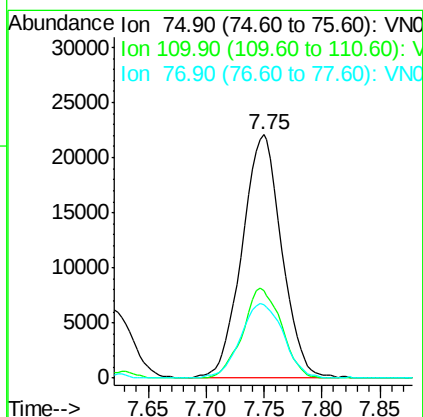
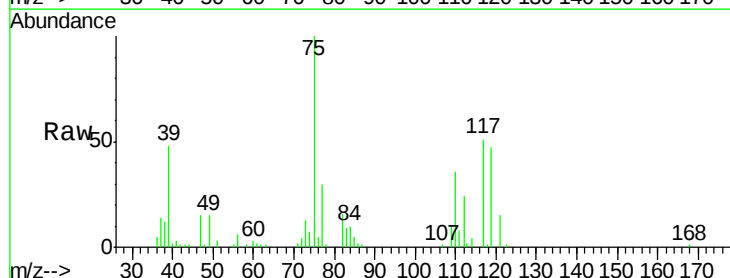
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

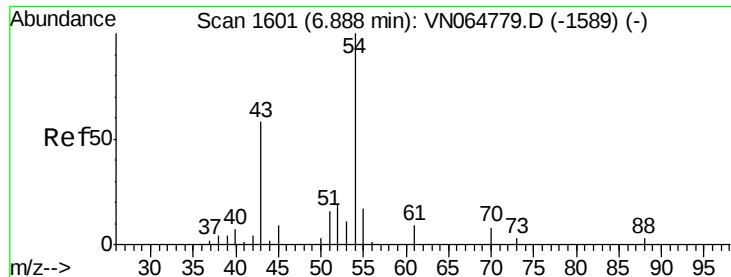
Tgt Ion:113 Resp: 104747
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.6 122.4
 192 19.7 16.2 24.2



#36
 1,1-Dichloropropene
 Concen: 17.692 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion: 75 Resp: 52581
 Ion Ratio Lower Upper
 75 100
 110 36.0 17.8 53.3
 77 32.9 25.0 37.4

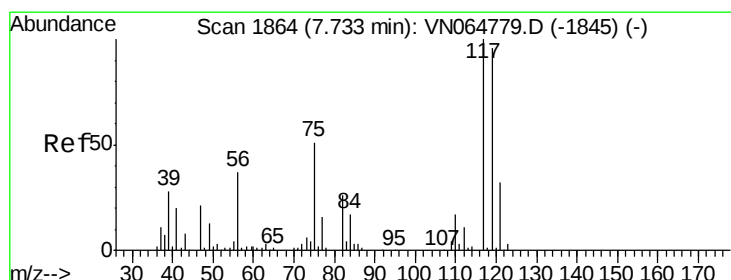
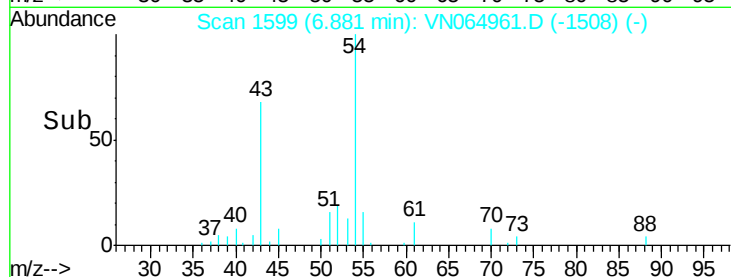
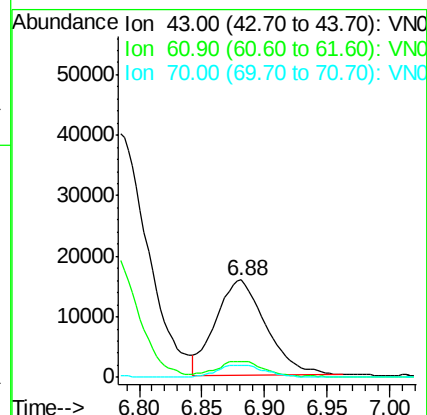
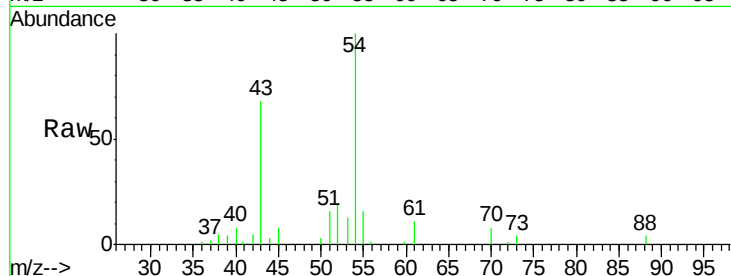




#37
Ethyl Acetate
Concen: 15.411 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

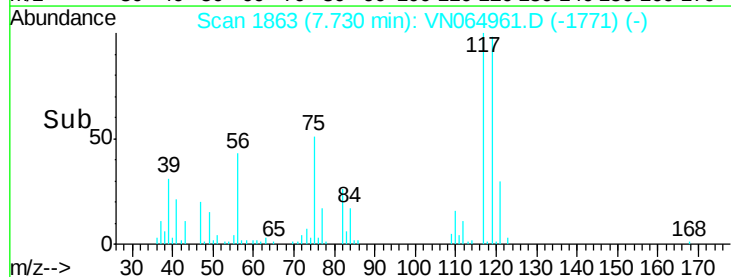
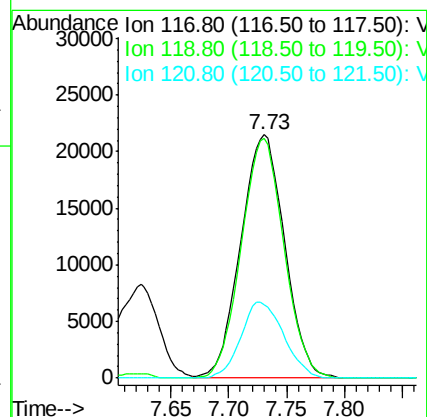
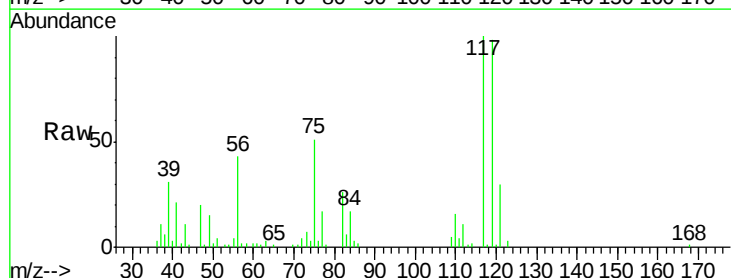
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

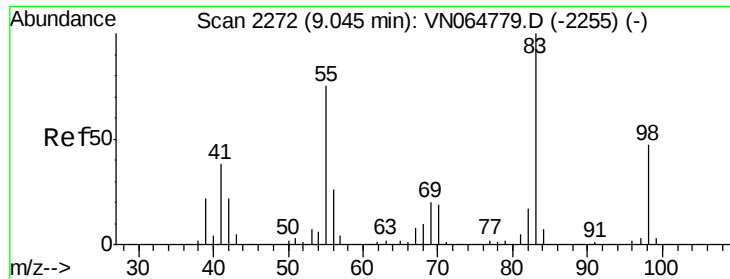
Tgt Ion: 43 Resp: 44119
Ion Ratio Lower Upper
43 100
61 14.4 12.8 19.2
70 12.1 8.8 13.2



#38
Carbon Tetrachloride
Concen: 18.284 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion: 117 Resp: 56542
Ion Ratio Lower Upper
117 100
119 98.5 76.7 115.1
121 30.3 25.4 38.2

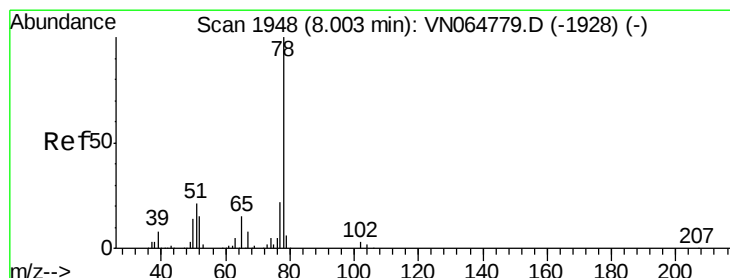
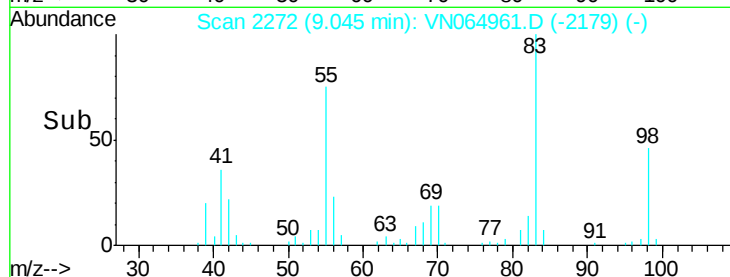
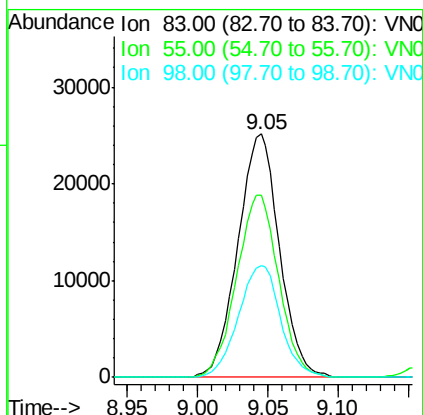
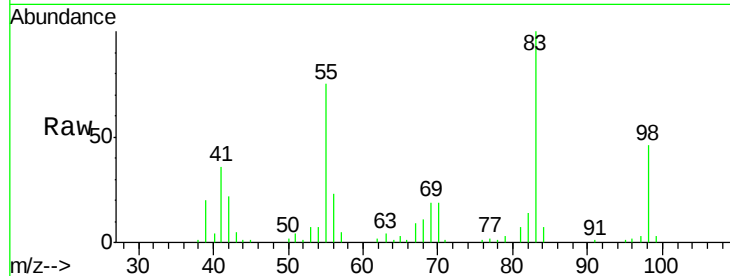




#39
Methylcyclohexane
Concen: 16.212 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

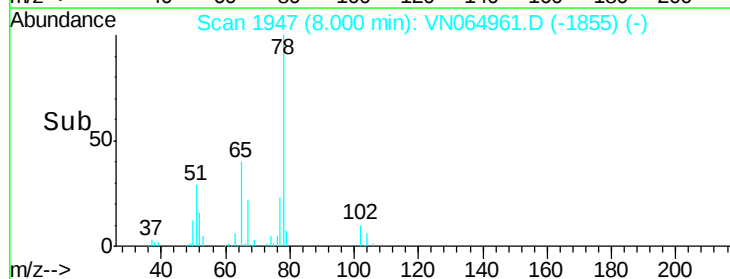
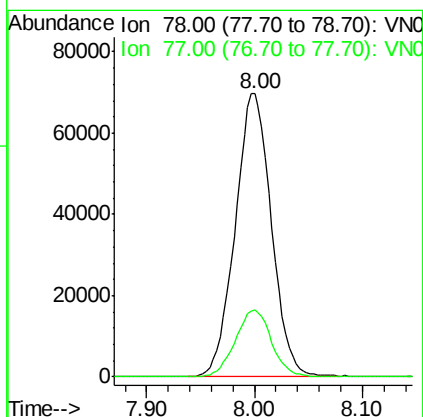
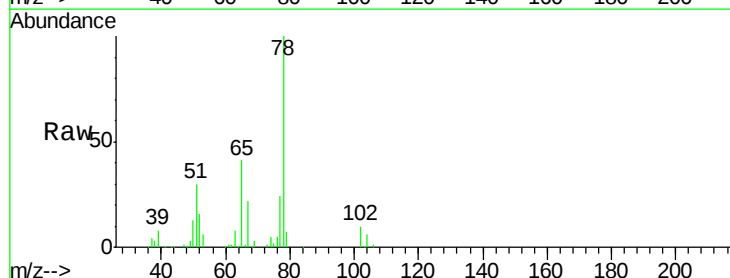
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

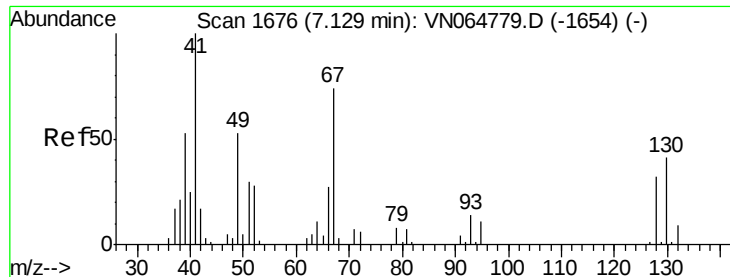
Tgt Ion: 83 Resp: 51870
Ion Ratio Lower Upper
83 100
55 74.7 60.2 90.2
98 45.9 37.4 56.2



#40
Benzene
Concen: 17.898 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion: 78 Resp: 163005
Ion Ratio Lower Upper
78 100
77 23.6 17.9 26.9

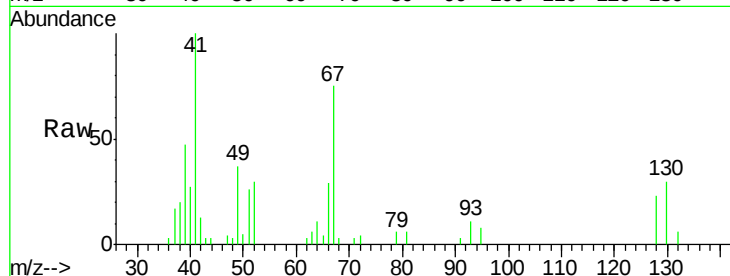




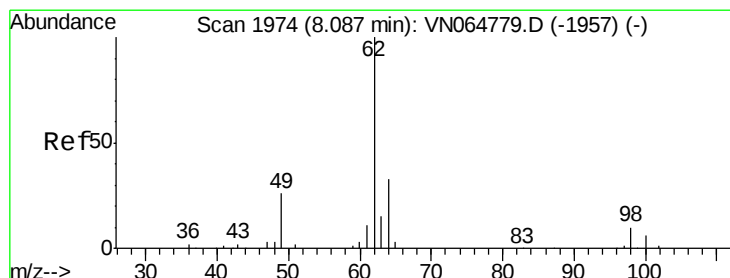
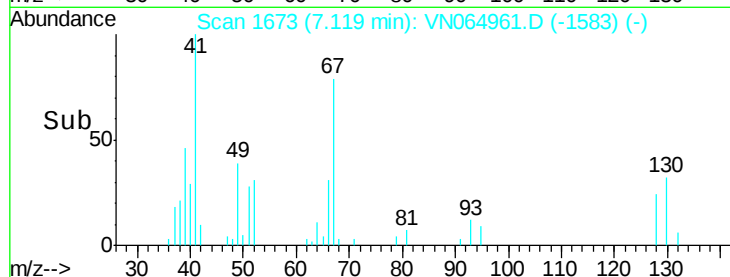
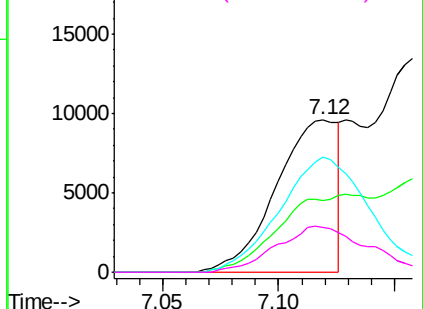
#41
Methacrylonitrile
Concen: 13.435 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

Tgt Ion: 41 Resp: 17748
Ion Ratio Lower Upper
41 100
39 76.4 51.0 76.6
67 111.4 79.8 119.8
52 46.2 31.5 47.3

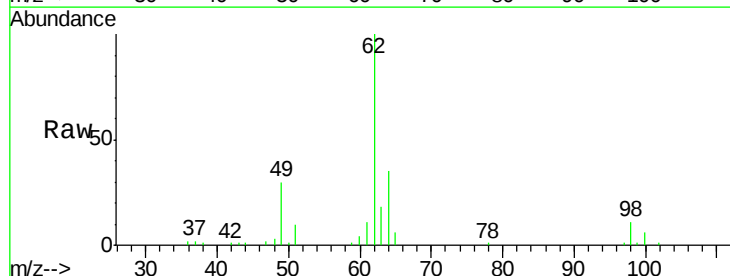


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

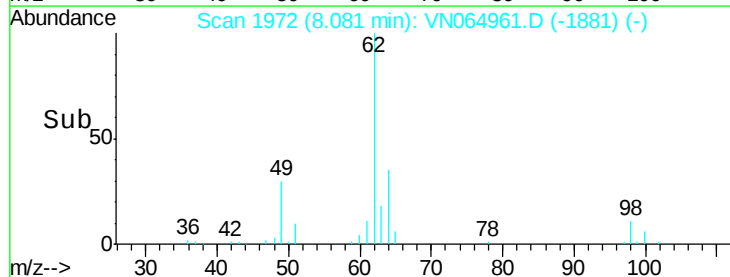
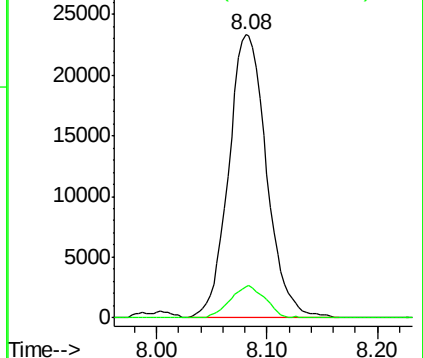


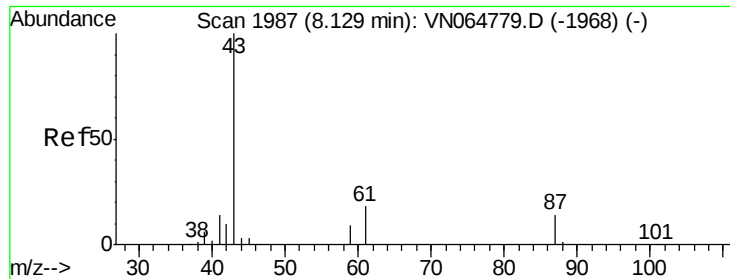
#42
1,2-Dichloroethane
Concen: 18.075 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.01 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion: 62 Resp: 55533
Ion Ratio Lower Upper
62 100
98 10.5 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 17.086 ug/l

RT: 8.12 min Scan# 1985

Delta R.T. -0.01 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

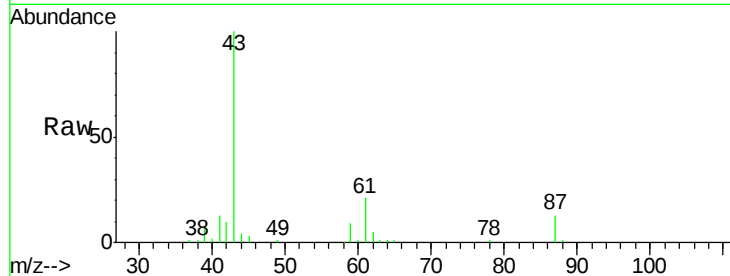
Tgt Ion: 43 Resp: 78709

Ion Ratio Lower Upper

43 100

61 19.9 17.2 25.8

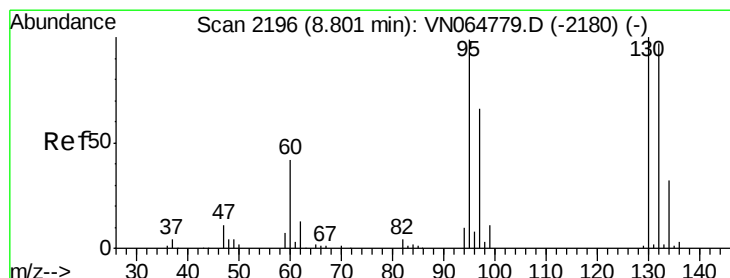
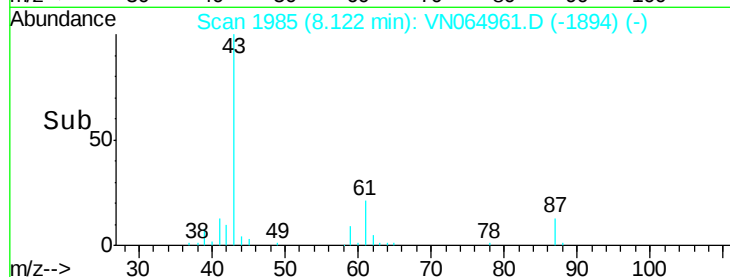
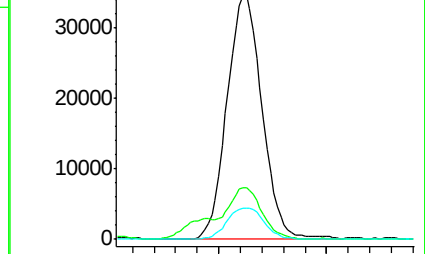
87 13.5 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064961.D (-1987) (-)

Ion 61.00 (60.70 to 61.70): VN064961.D (-1987) (-)

Ion 87.00 (86.70 to 87.70): VN064961.D (-1987) (-)



#44

Trichloroethene

Concen: 17.645 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064961.D

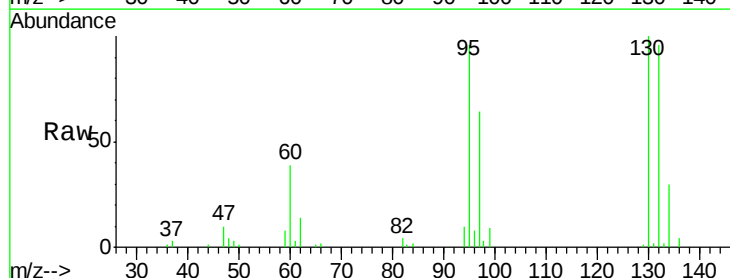
Acq: 8 Dec 2020 11:44

Tgt Ion: 130 Resp: 47415

Ion Ratio Lower Upper

130 100

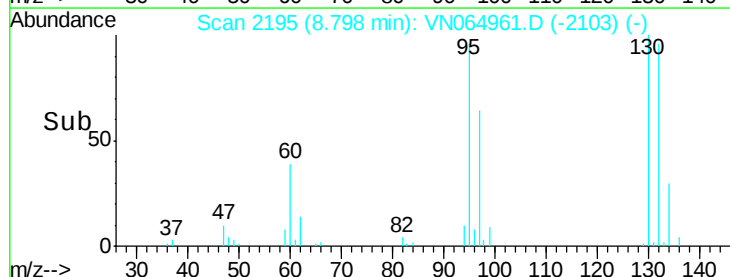
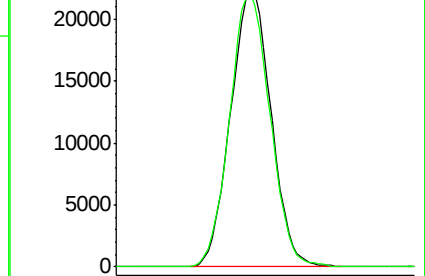
95 96.2 0.0 197.8

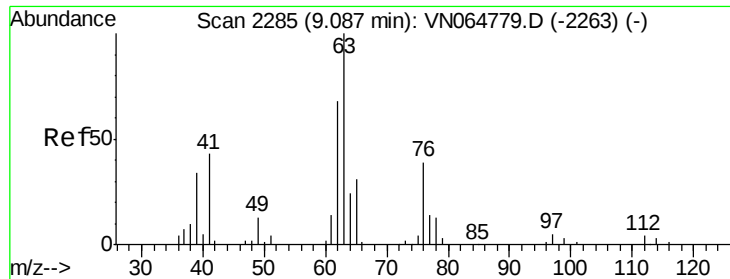


Abundance Ion 129.80 (129.50 to 130.50): VN064961.D (-2196) (-)

Ion 94.90 (94.60 to 95.60): VN064961.D (-2196) (-)

Ion 130.80 (130.50 to 131.50): VN064961.D (-2196) (-)

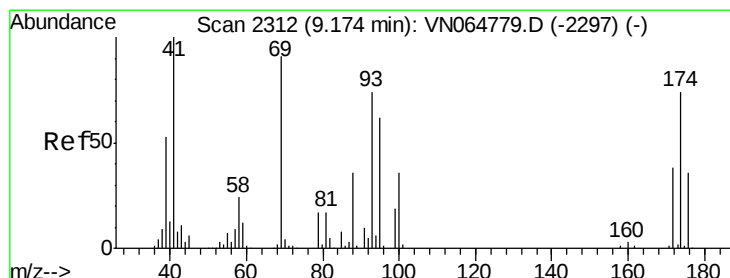
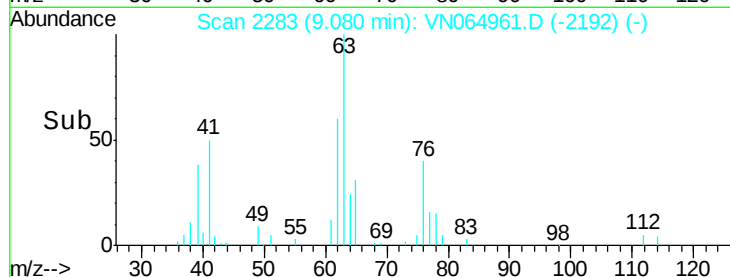
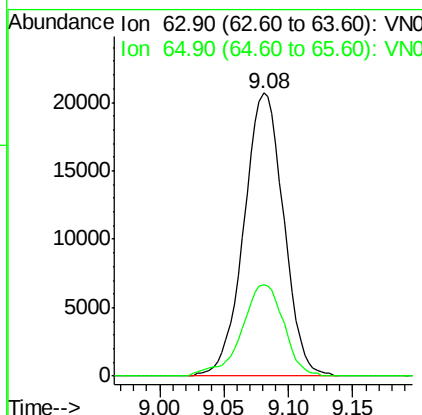
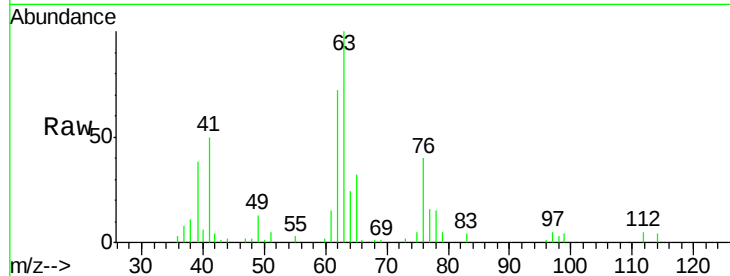




#45
 1,2-Dichloropropane
 Concen: 18.853 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

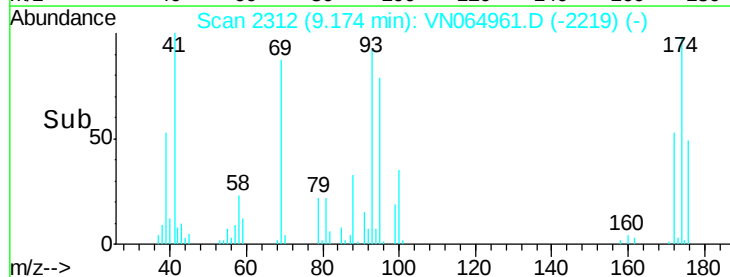
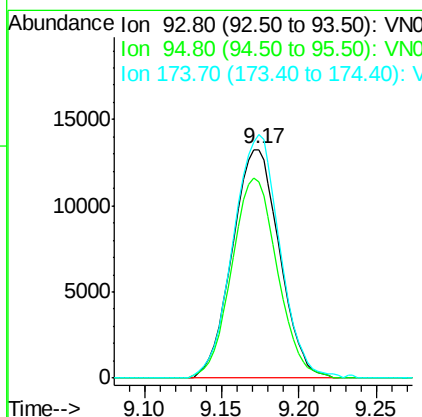
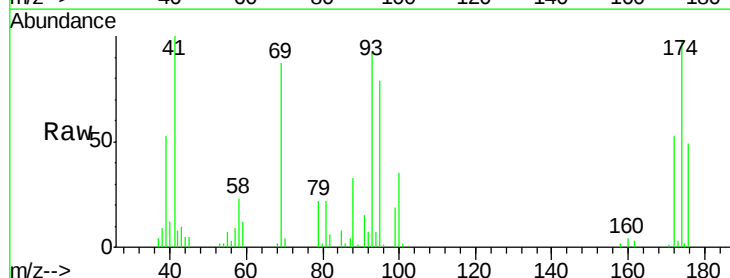
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

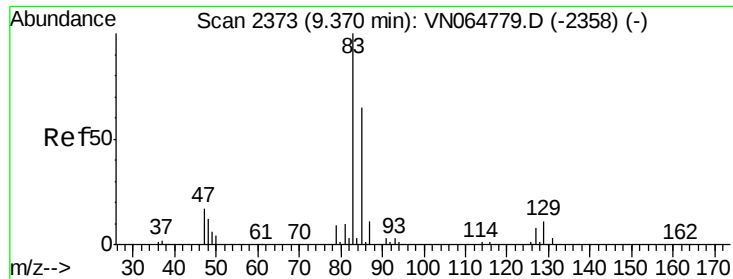
Tgt Ion: 63 Resp: 44465
 Ion Ratio Lower Upper
 63 100
 65 32.4 25.0 37.4



#46
 Dibromomethane
 Concen: 17.875 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion: 93 Resp: 28164
 Ion Ratio Lower Upper
 93 100
 95 84.4 68.8 103.2
 174 105.3 83.1 124.7





#47

Bromodichloromethane

Concen: 18.484 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

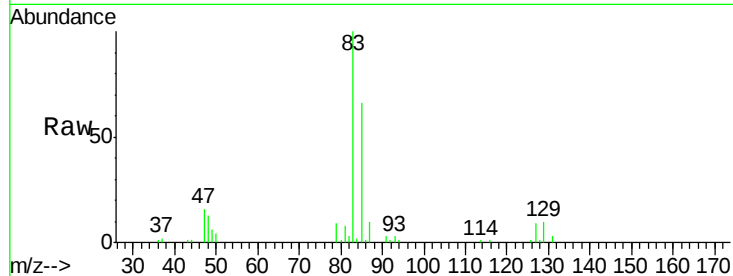
Tgt Ion: 83 Resp: 58600

Ion Ratio Lower Upper

83 100

85 65.5 51.8 77.8

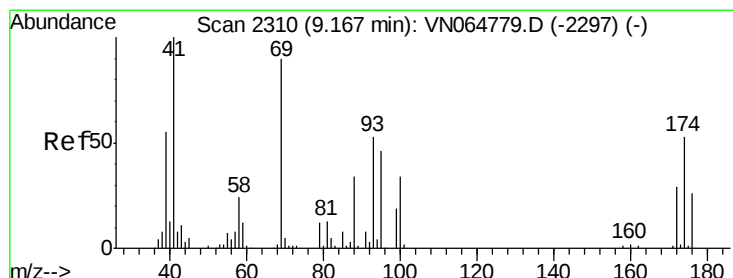
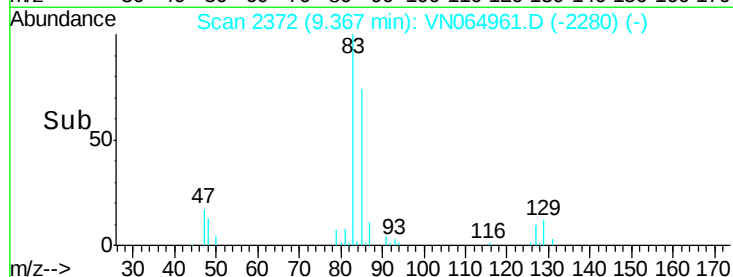
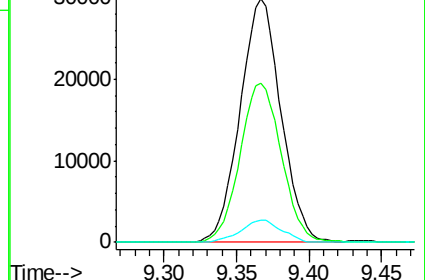
127 9.3 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-2358) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-2358) (-)

Ion 126.80 (126.50 to 127.50): VN064779.D (-2358) (-)



#48

Methyl methacrylate

Concen: 16.815 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

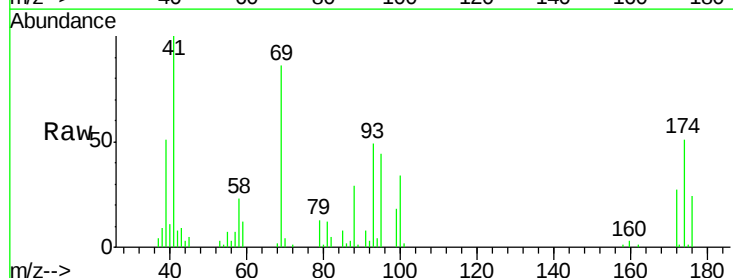
Tgt Ion: 41 Resp: 37015

Ion Ratio Lower Upper

41 100

69 89.8 71.8 107.8

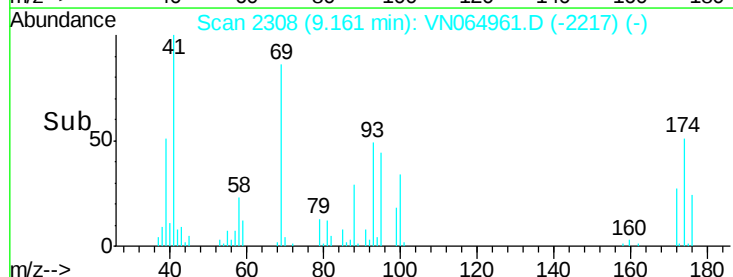
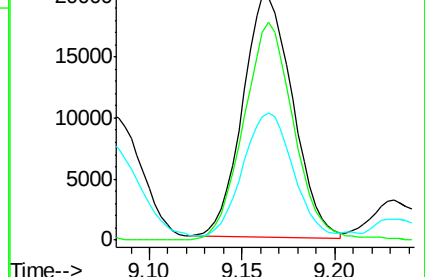
39 54.4 44.1 66.1

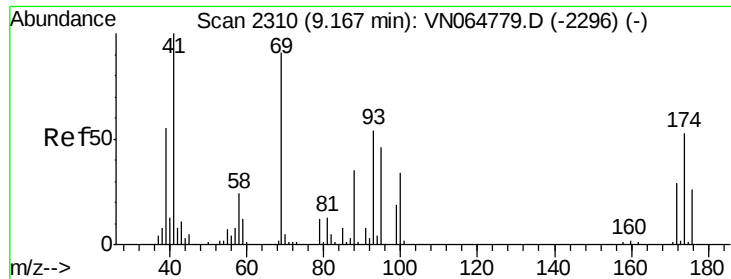


Abundance Ion 41.00 (40.70 to 41.70): VN064779.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN064779.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN064779.D (-2297) (-)

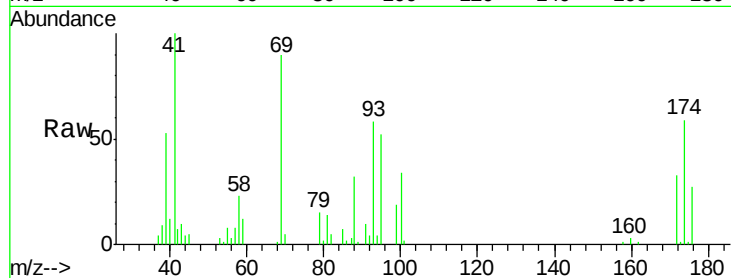




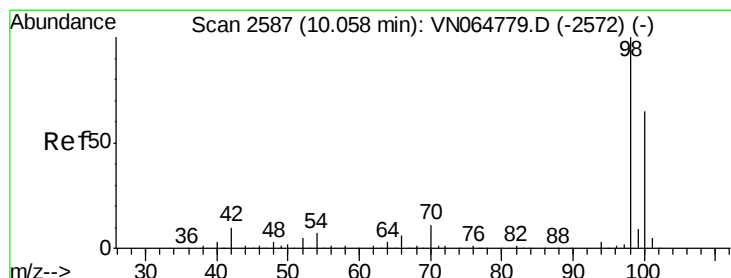
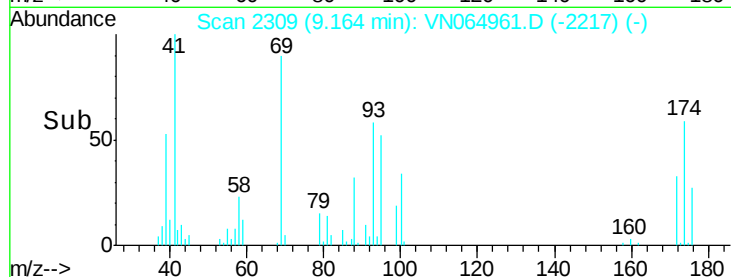
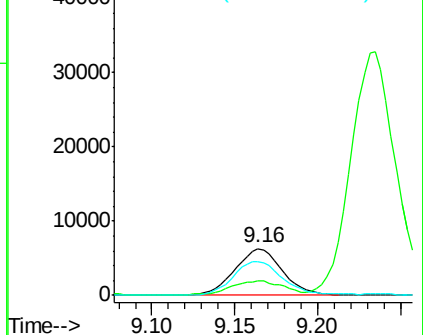
#49
1,4-Dioxane
Concen: 300.162 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

Tgt Ion: 88 Resp: 12488
Ion Ratio Lower Upper
88 100
43 35.3 24.2 36.4
58 74.2 52.5 78.7

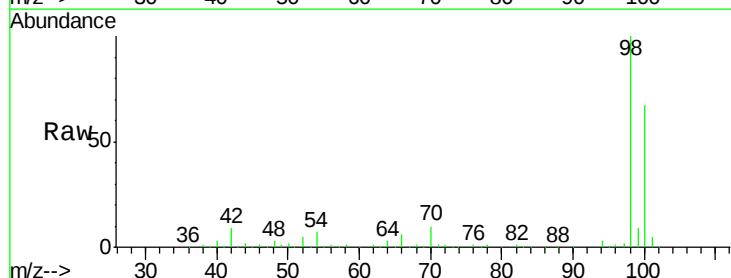


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

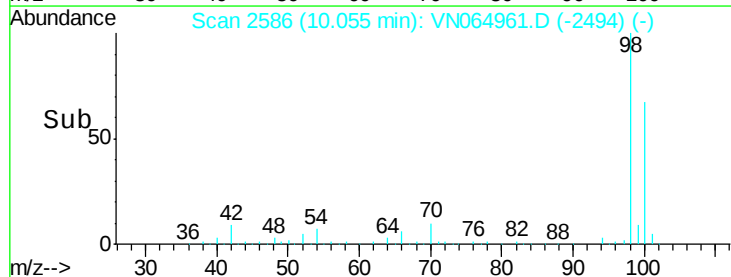
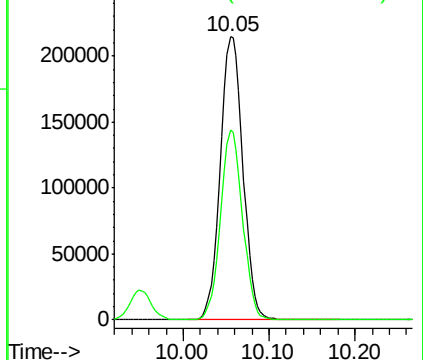


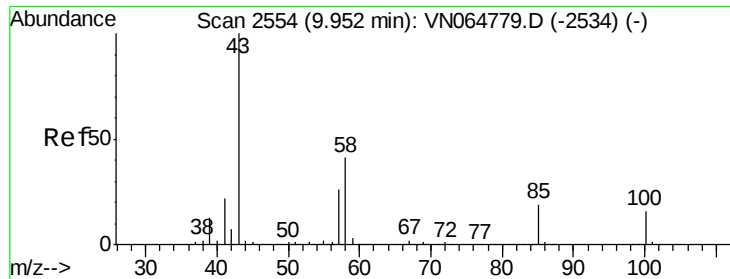
#50
Toluene-d8
Concen: 50.337 ug/l
RT: 10.05 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion: 98 Resp: 394610
Ion Ratio Lower Upper
98 100
100 65.1 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 84.644 ug/l

RT: 9.95 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

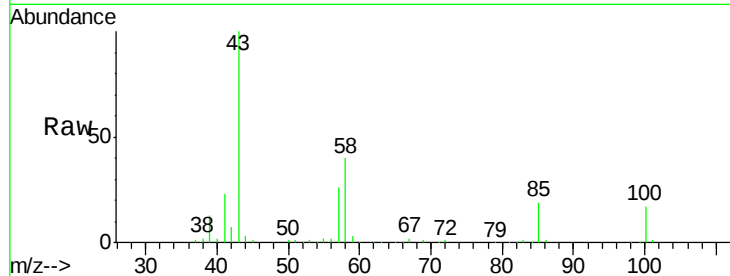
VN1208WBS01

Tgt Ion: 43 Resp: 234093

Ion Ratio Lower Upper

43 100

58 39.8 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

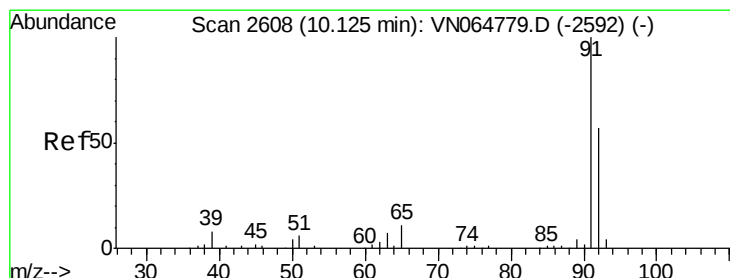
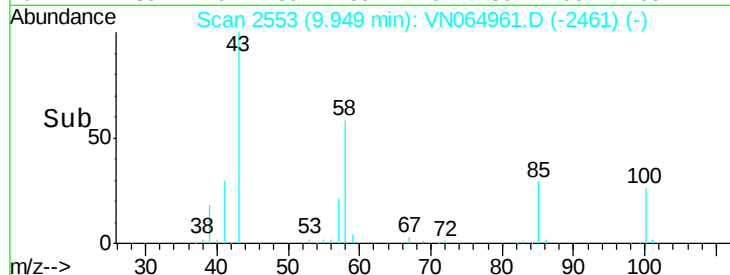
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.486 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064961.D

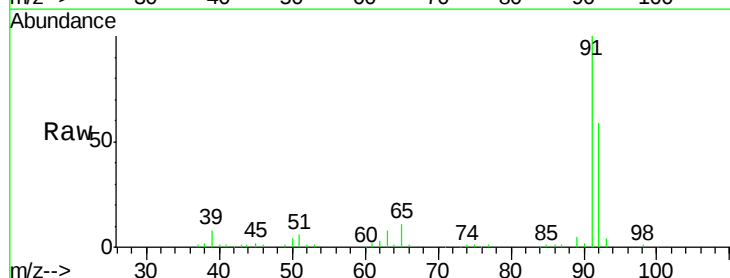
Acq: 8 Dec 2020 11:44

Tgt Ion: 92 Resp: 103683

Ion Ratio Lower Upper

92 100

91 173.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

100000

80000

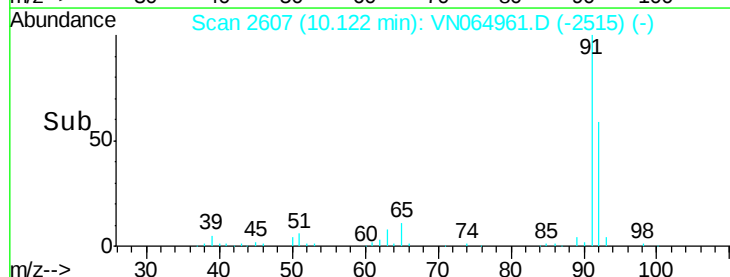
60000

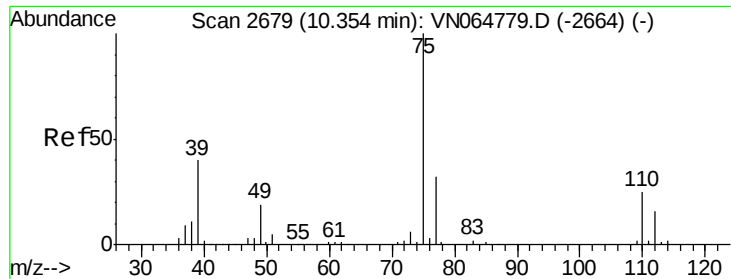
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.730 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

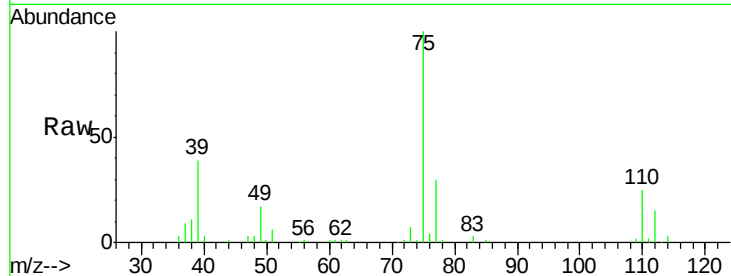
VN1208WBS01

Tgt Ion: 75 Resp: 62609

Ion Ratio Lower Upper

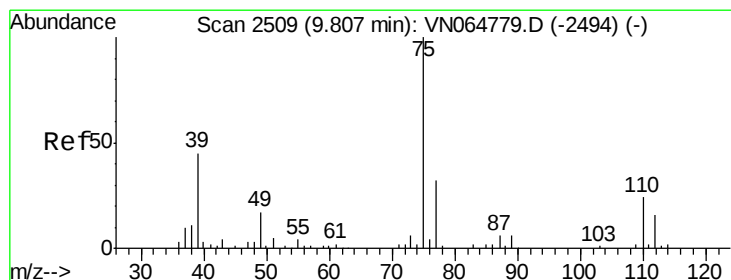
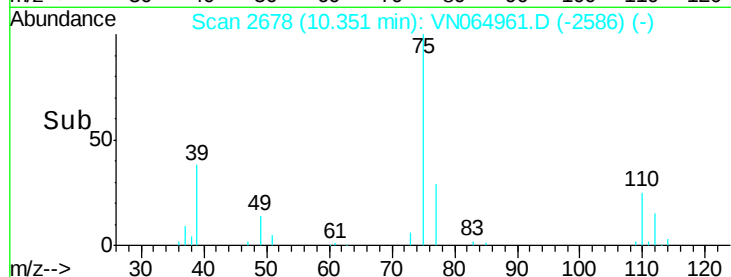
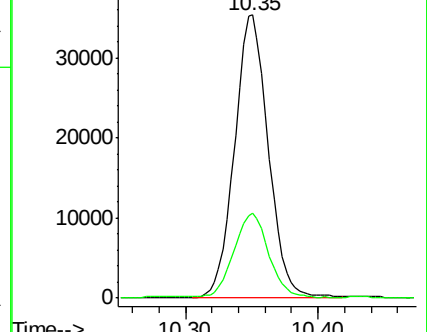
75 100

77 29.9 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.142 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

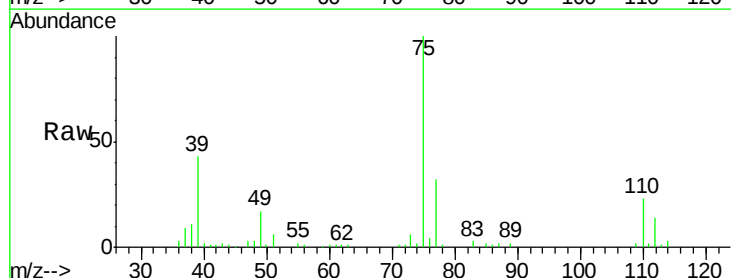
Tgt Ion: 75 Resp: 68667

Ion Ratio Lower Upper

75 100

77 31.9 25.5 38.3

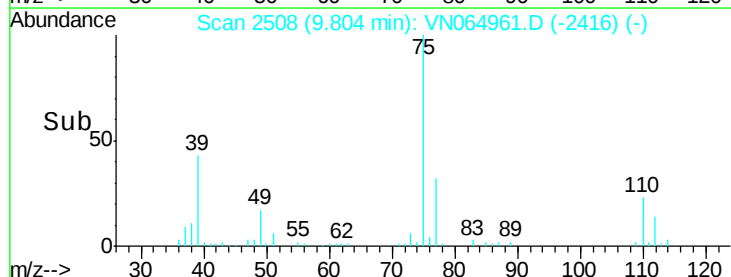
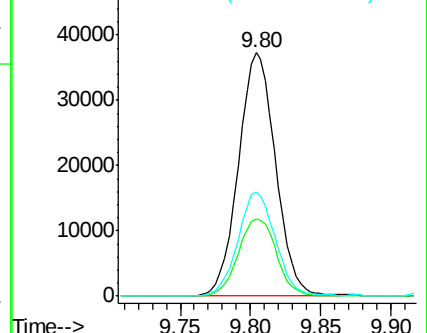
39 42.9 35.6 53.4

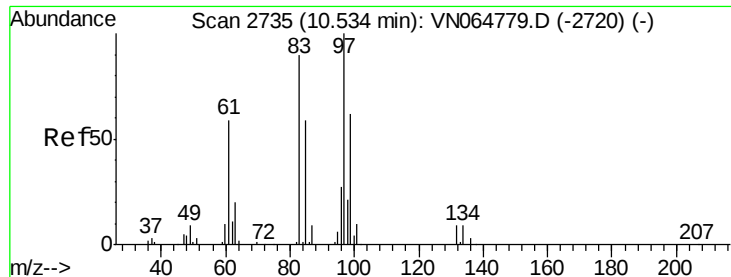


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 18.207 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

Tgt Ion: 97 Resp: 41991

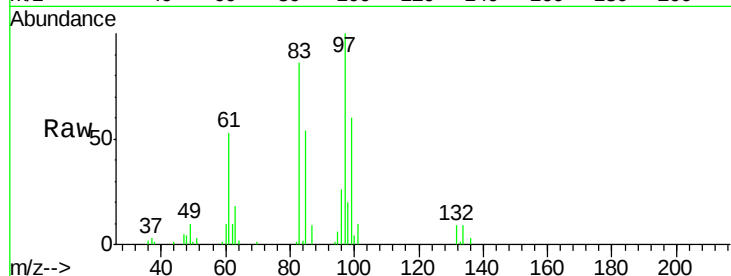
Ion Ratio Lower Upper

97 100

83 86.5 72.1 108.1

85 54.4 46.8 70.2

99 60.4 49.6 74.4

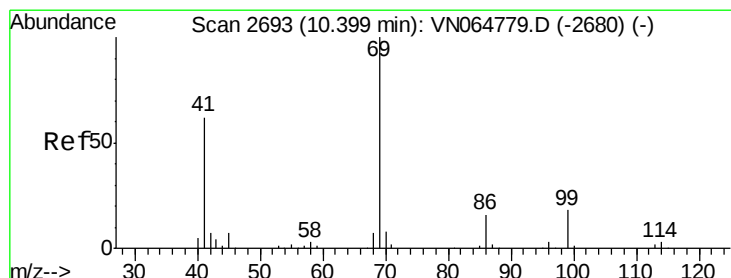
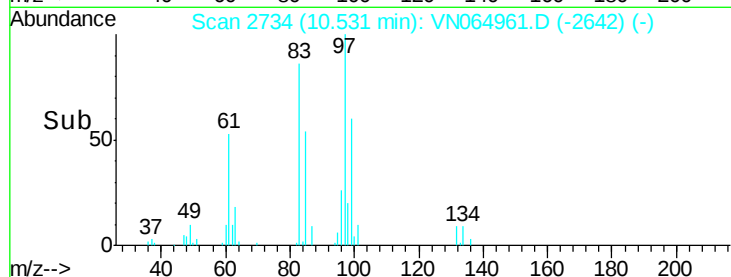
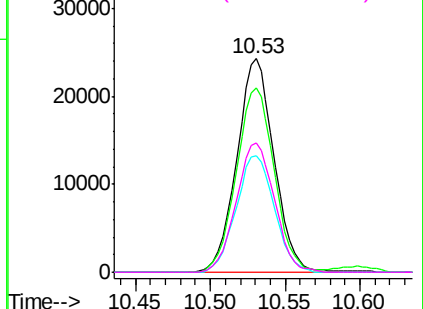


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 17.476 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

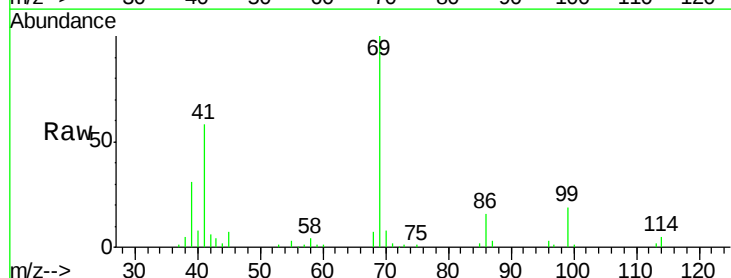
Tgt Ion: 69 Resp: 55619

Ion Ratio Lower Upper

69 100

41 60.3 49.4 74.0

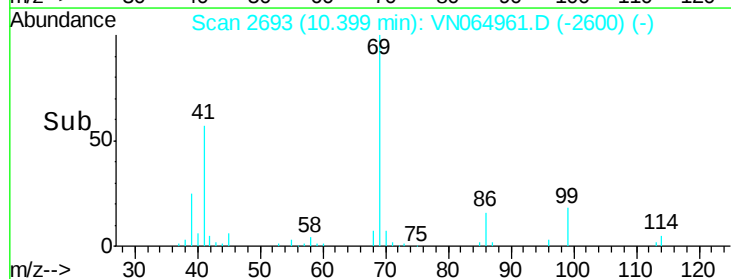
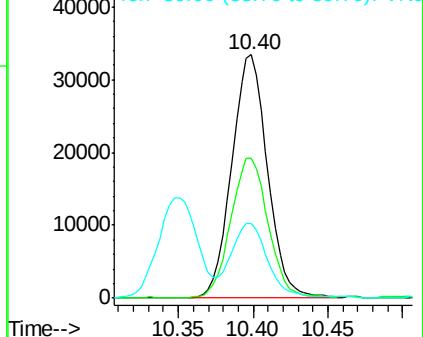
39 30.2 25.9 38.9

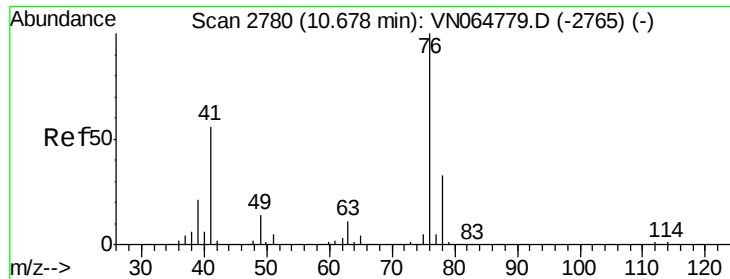


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

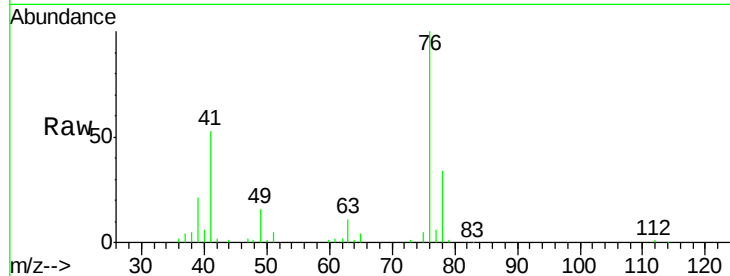




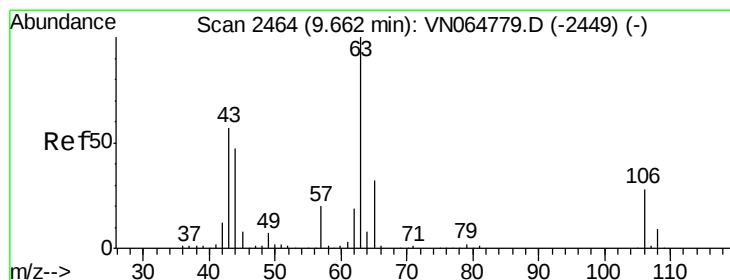
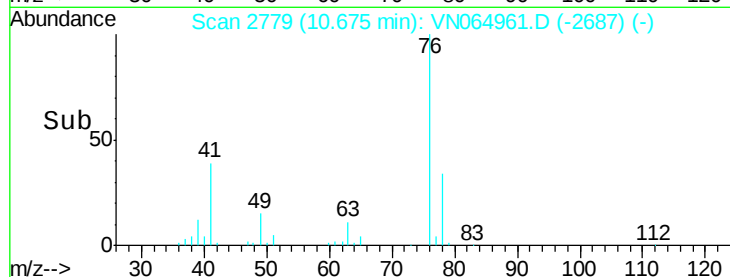
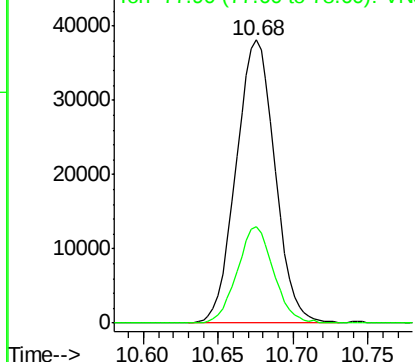
#57
 1,3-Dichloropropane
 Concen: 18.105 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

Tgt Ion: 76 Resp: 68881
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.1 39.1

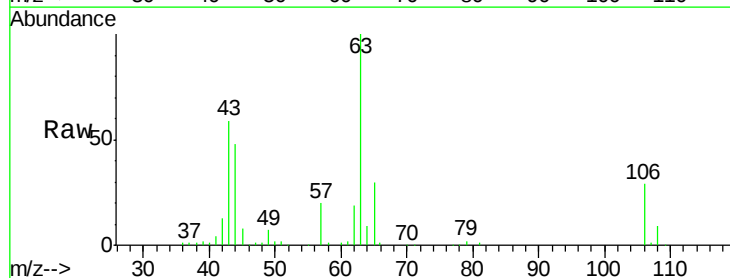


Abundance Ion 75.90 (75.60 to 76.60): VN0
 Ion 77.90 (77.60 to 78.60): VN0

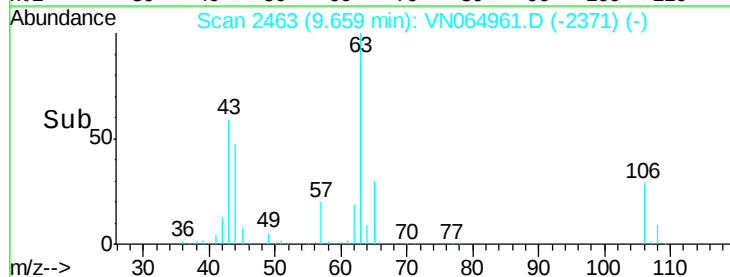
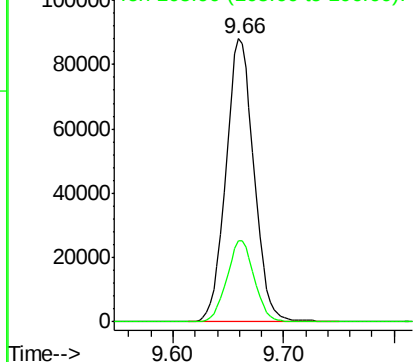


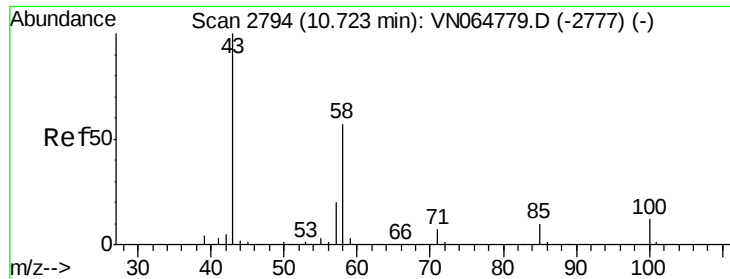
#58
 2-Chloroethyl Vinyl ether
 Concen: 88.593 ug/l
 RT: 9.66 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion: 63 Resp: 155099
 Ion Ratio Lower Upper
 63 100
 106 28.1 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 105.90 (105.60 to 106.60): V

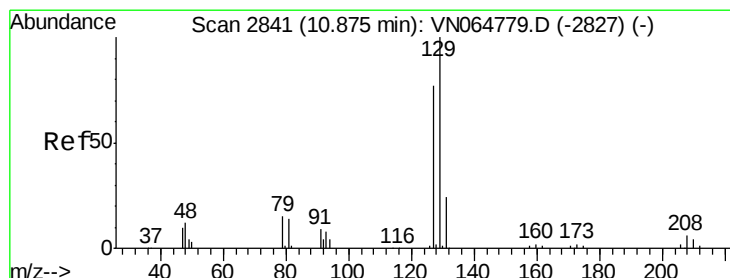
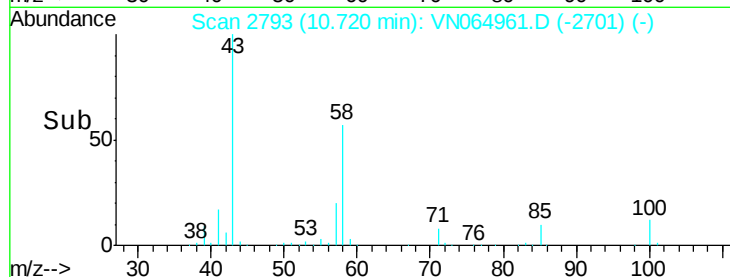
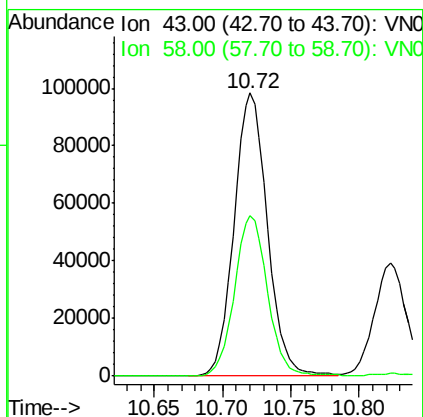
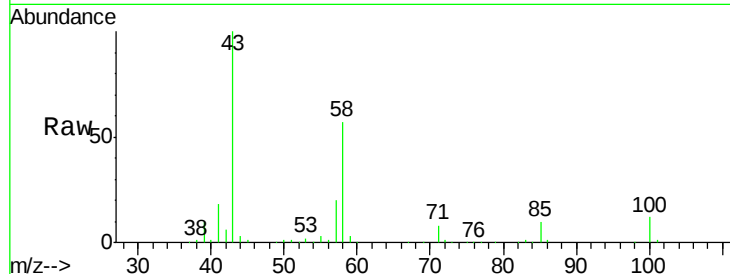




#59
2-Hexanone
Concen: 83.807 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

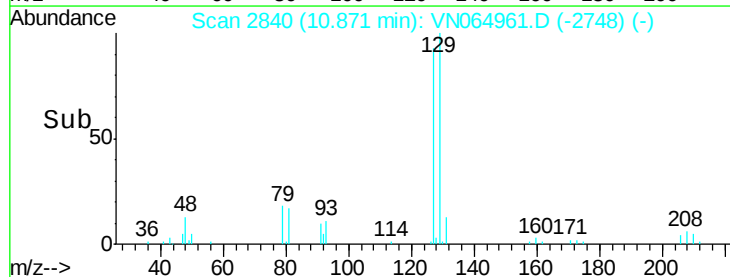
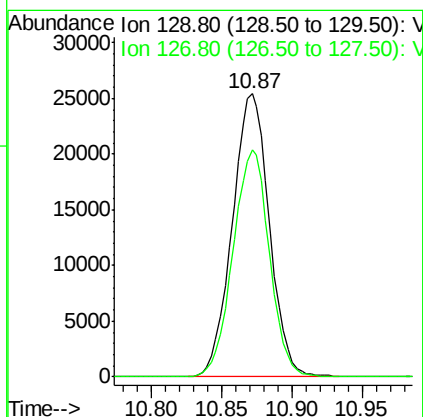
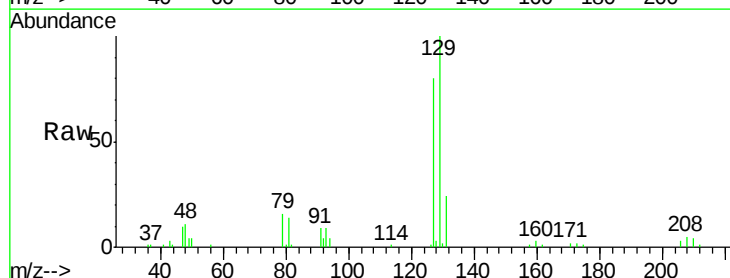
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

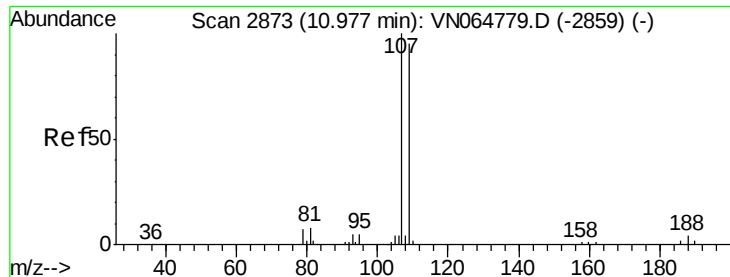
Tgt Ion: 43 Resp: 166808
Ion Ratio Lower Upper
43 100
58 56.2 28.3 84.9



#60
Dibromochloromethane
Concen: 18.235 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion: 129 Resp: 46750
Ion Ratio Lower Upper
129 100
127 78.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.661 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

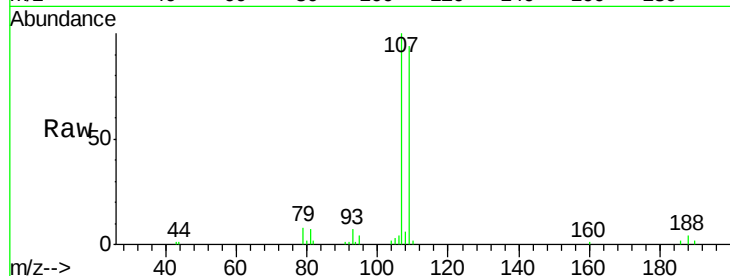
VN1208WBS01

Tgt Ion: 107 Resp: 41384

Ion Ratio Lower Upper

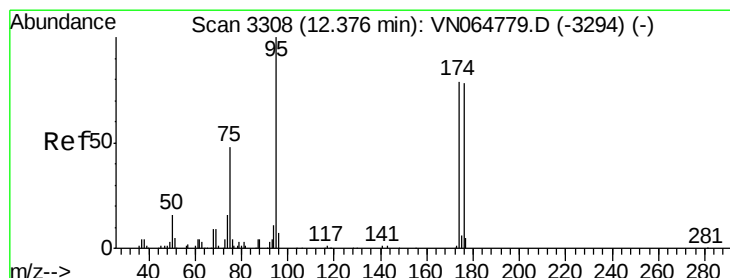
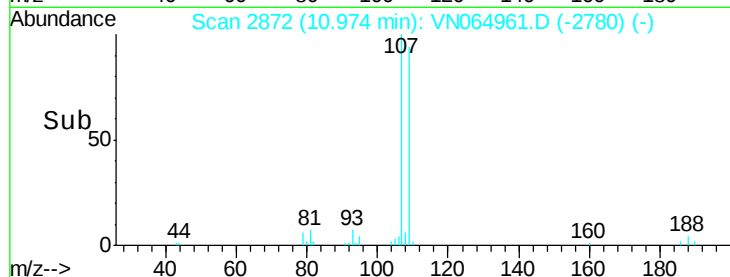
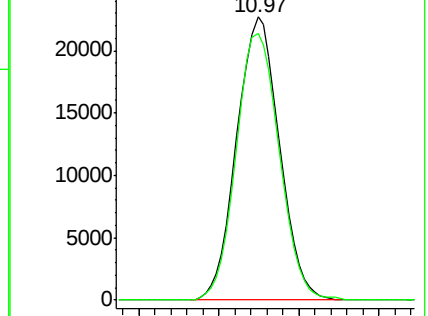
107 100

109 95.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.809 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

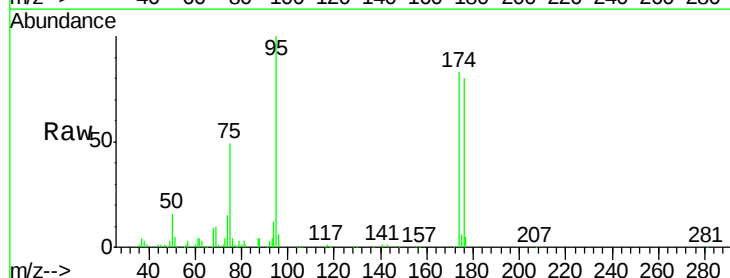
Tgt Ion: 95 Resp: 139743

Ion Ratio Lower Upper

95 100

174 80.6 0.0 160.4

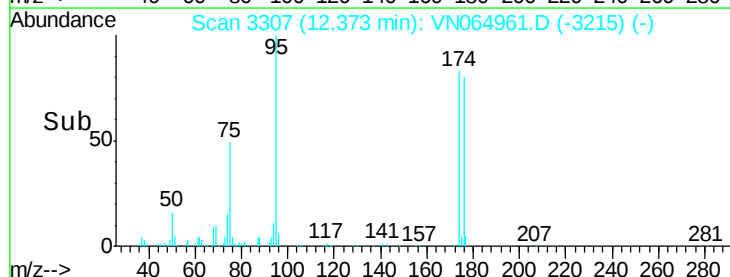
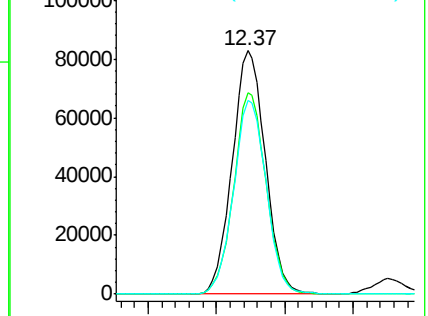
176 78.5 0.0 158.4

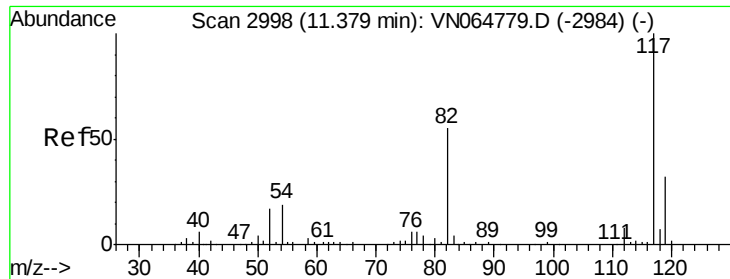


Abundance Ion 94.90 (94.60 to 95.60): V

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# 2997

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

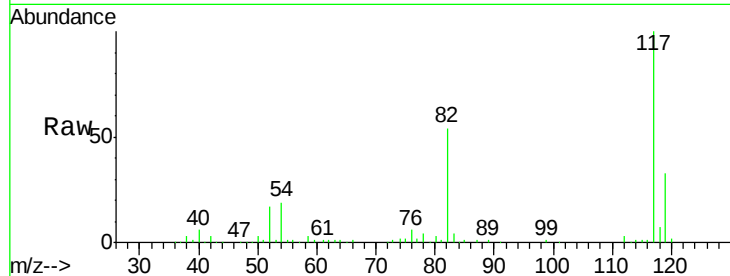
Tgt Ion:117 Resp: 292090

Ion Ratio Lower Upper

117 100

82 54.3 44.2 66.2

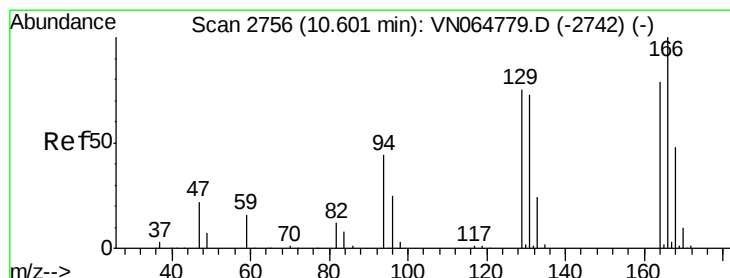
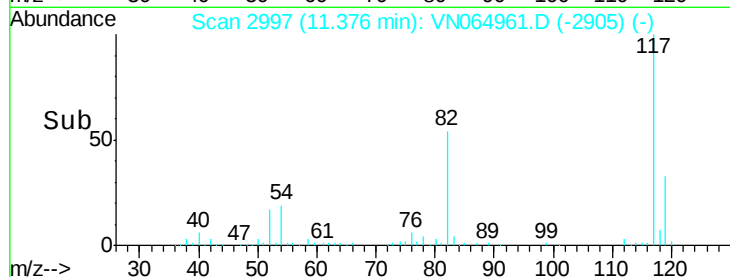
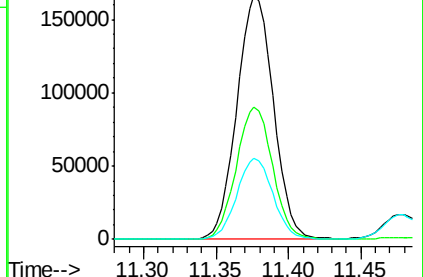
119 33.0 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 16.839 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Tgt Ion:164 Resp: 47853

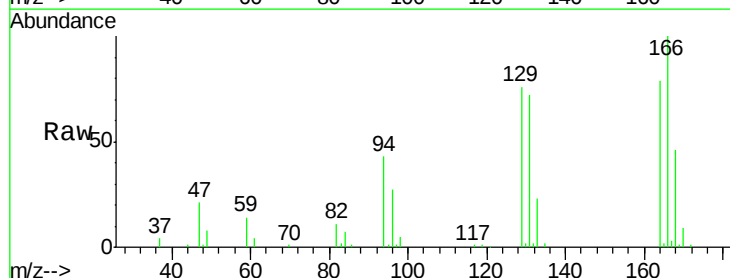
Ion Ratio Lower Upper

164 100

166 127.2 101.4 152.0

129 97.0 76.1 114.1

131 92.0 74.2 111.2

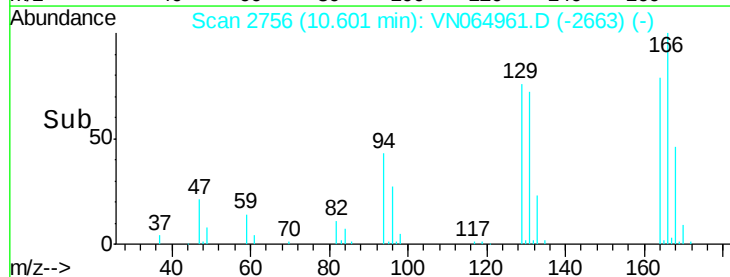
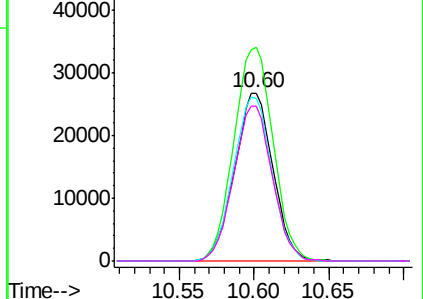


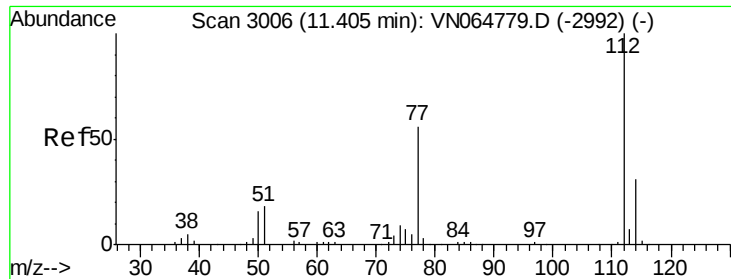
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

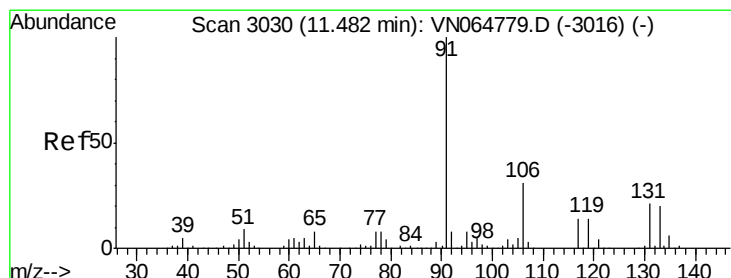
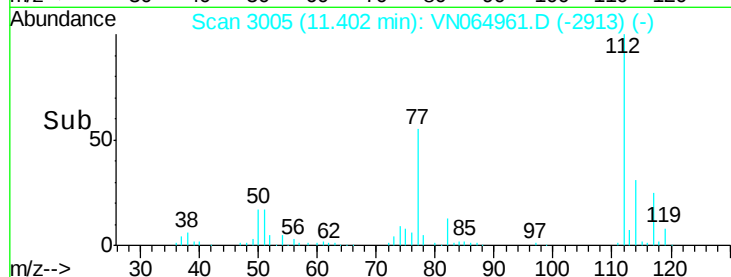
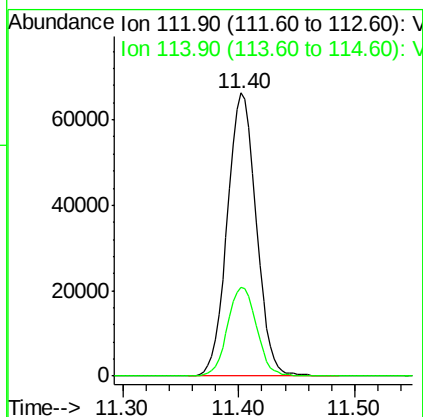
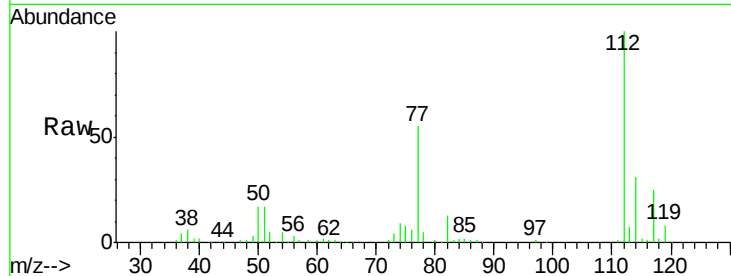




#65
Chlorobenzene
Concen: 18.298 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

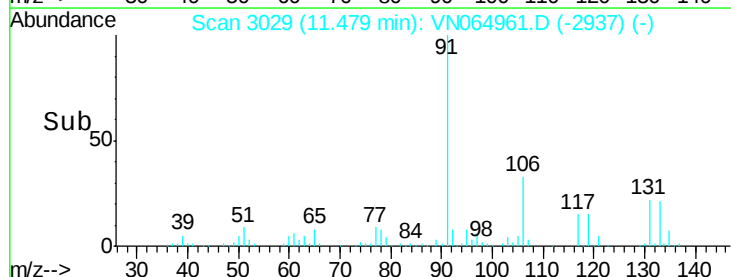
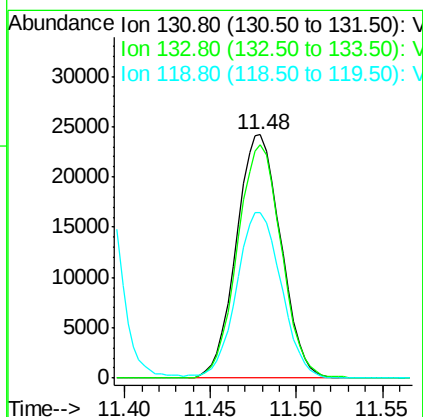
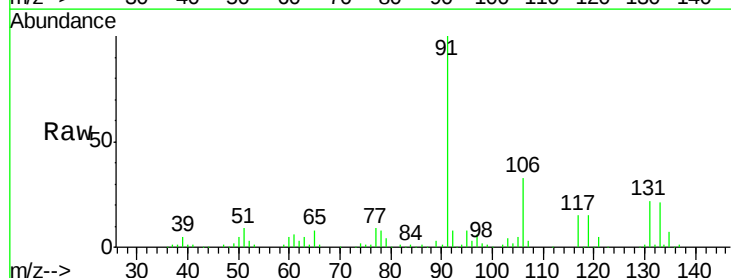
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

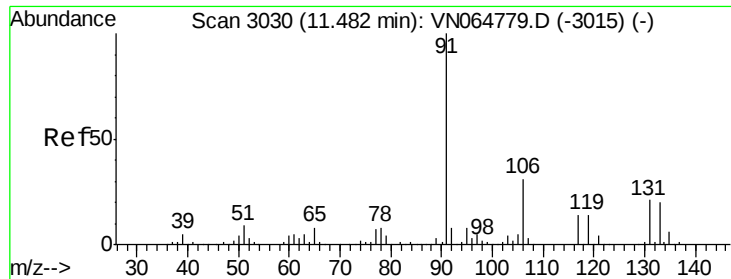
Tgt Ion:112 Resp: 114775
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.907 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion:131 Resp: 43583
Ion Ratio Lower Upper
131 100
133 94.6 47.5 142.5
119 68.3 33.3 99.8

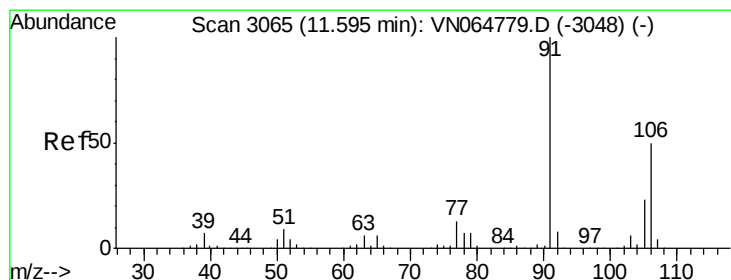
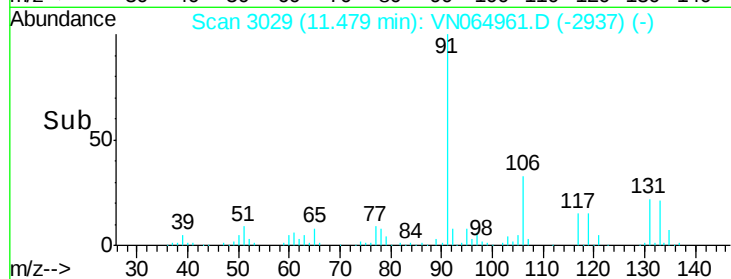
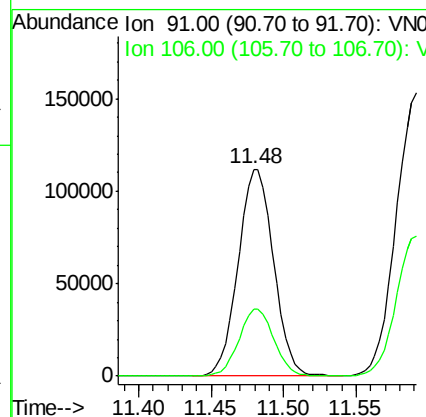
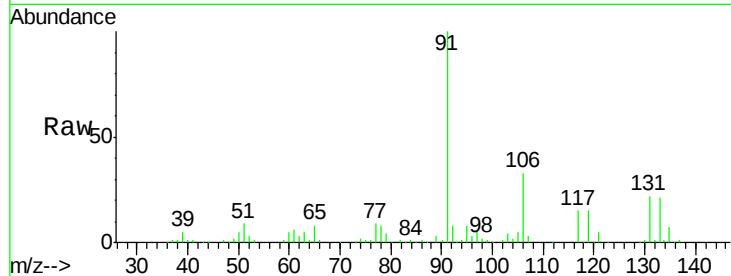




#67
Ethyl Benzene
Concen: 18.137 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

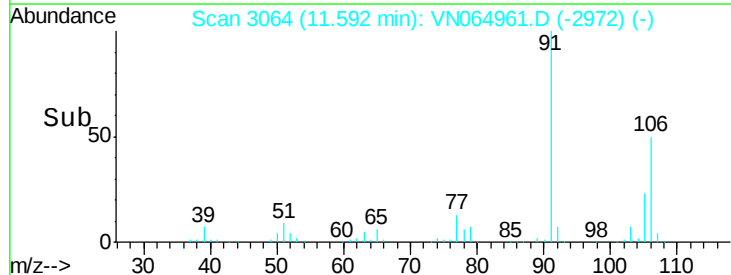
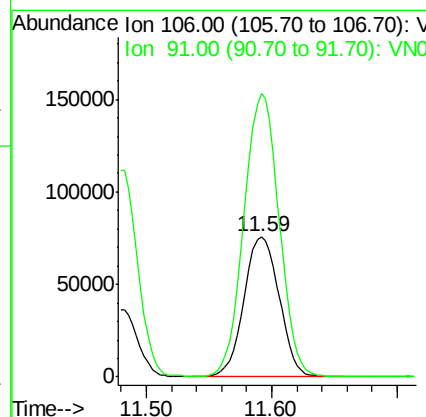
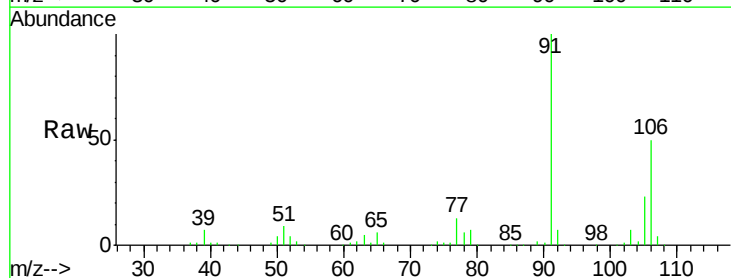
Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

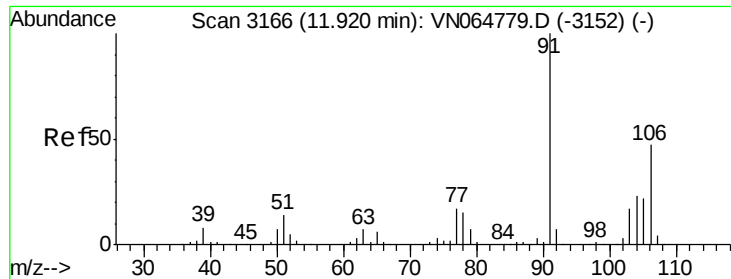
Tgt Ion: 91 Resp: 190055
Ion Ratio Lower Upper
91 100
106 32.6 25.2 37.8



#68
m/p-Xylenes
Concen: 37.340 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion: 106 Resp: 148141
Ion Ratio Lower Upper
106 100
91 200.7 161.0 241.4

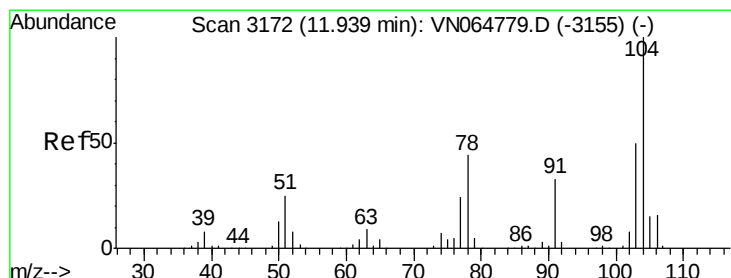
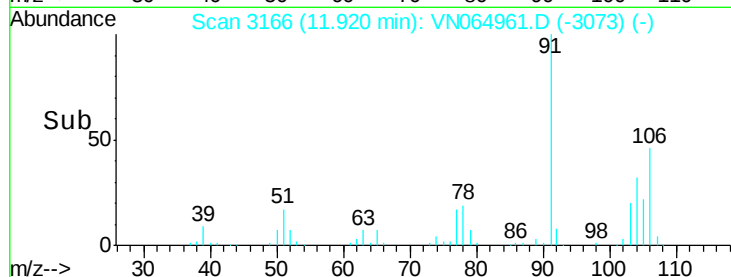
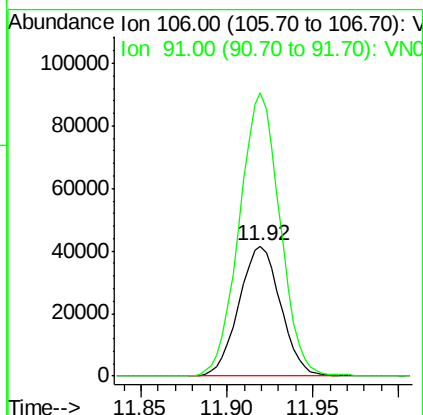
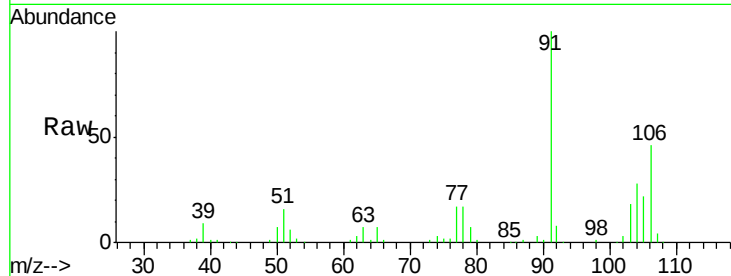




#69
o-Xylene
Concen: 18.593 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

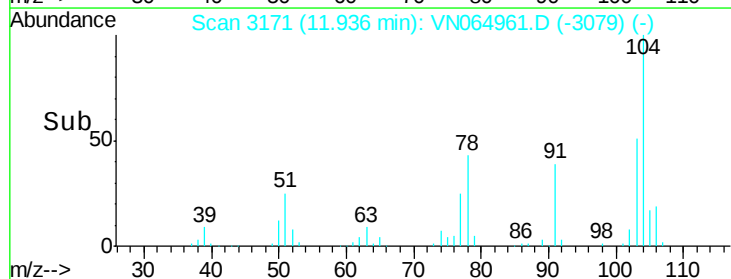
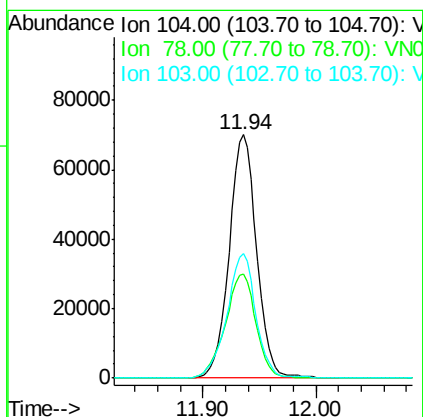
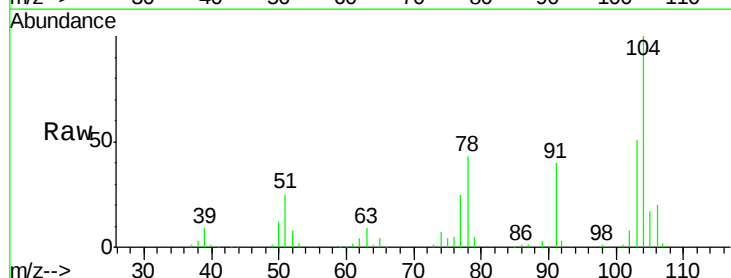
Instrument :
MSVOA_N
ClientSampled :
VN1208WBS01

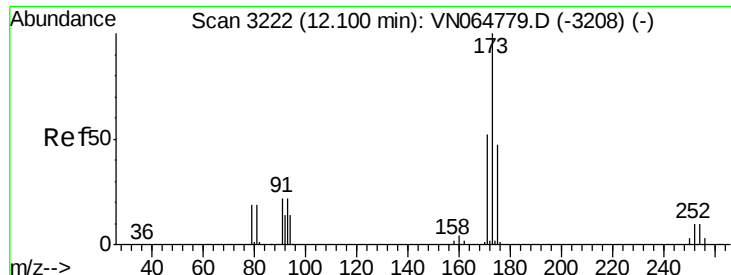
Tgt Ion:106 Resp: 70000
Ion Ratio Lower Upper
106 100
91 212.2 105.5 316.5



#70
Styrene
Concen: 18.594 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion:104 Resp: 118175
Ion Ratio Lower Upper
104 100
78 47.8 39.0 58.6
103 53.9 44.3 66.5





#71

Bromoform

Concen: 17.231 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

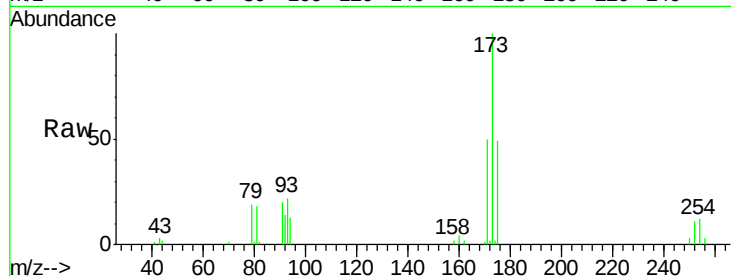
Tgt Ion:173 Resp: 31725

Ion Ratio Lower Upper

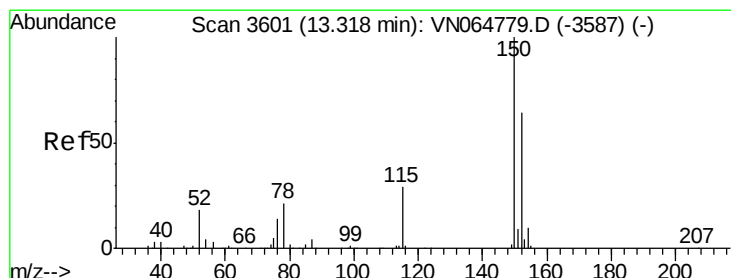
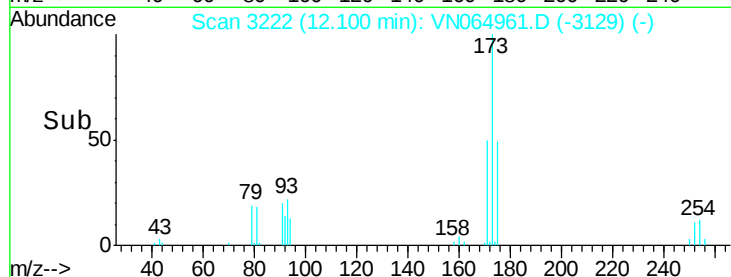
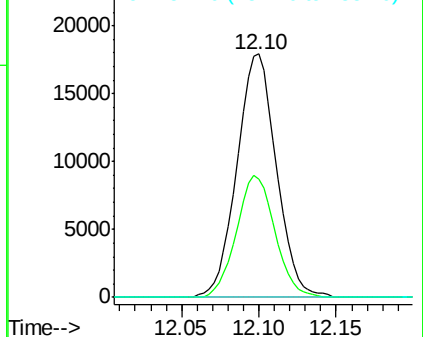
173 100

175 48.8 24.3 72.8

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# 3600

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

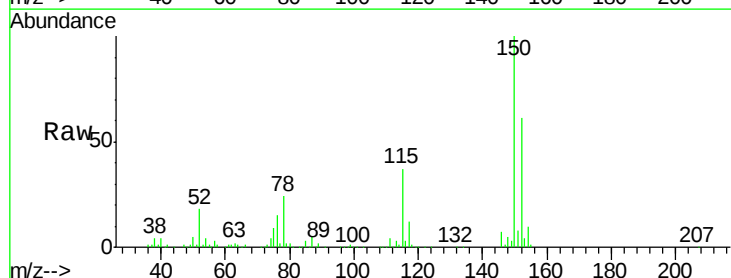
Tgt Ion:152 Resp: 139047

Ion Ratio Lower Upper

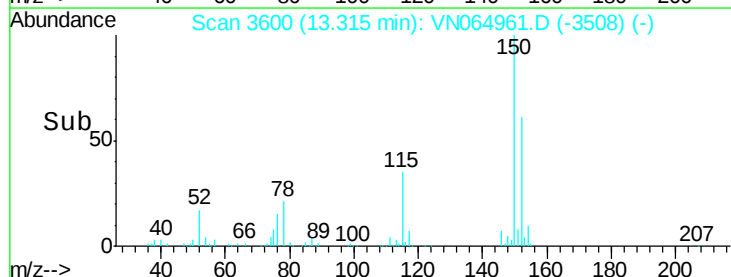
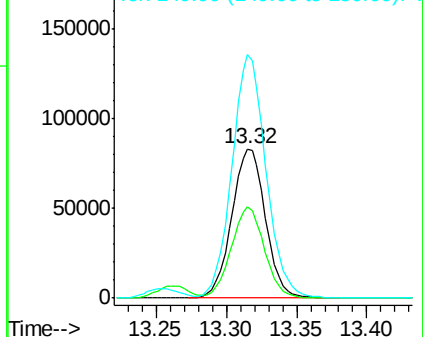
152 100

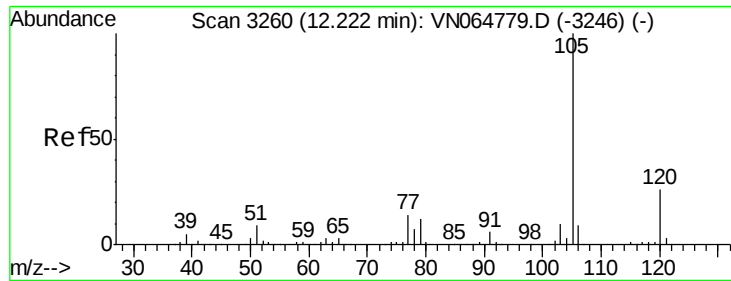
115 59.3 29.7 89.1

150 164.9 0.0 350.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.545 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

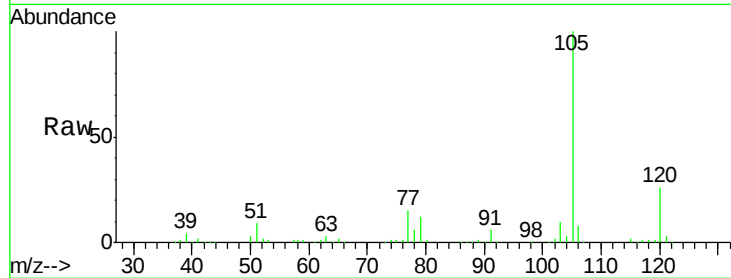
VN1208WBS01

Tgt Ion: 105 Resp: 189031

Ion Ratio Lower Upper

105 100

120 25.6 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

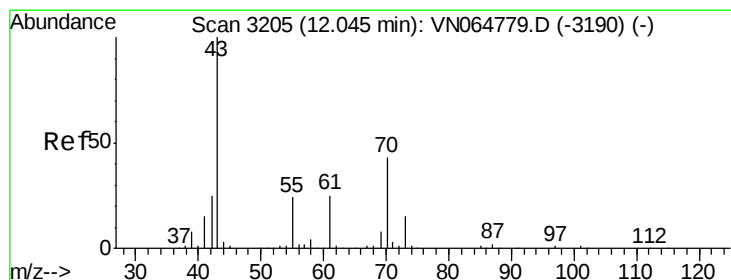
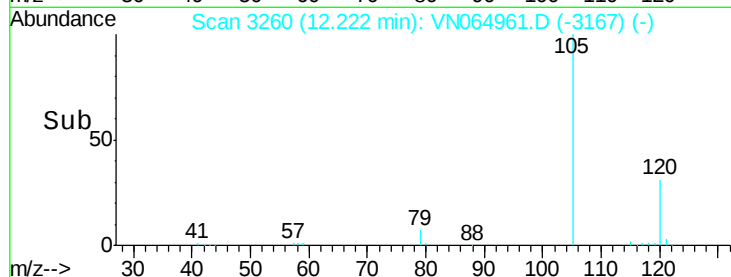
12.22

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 16.845 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Tgt Ion: 43 Resp: 64114

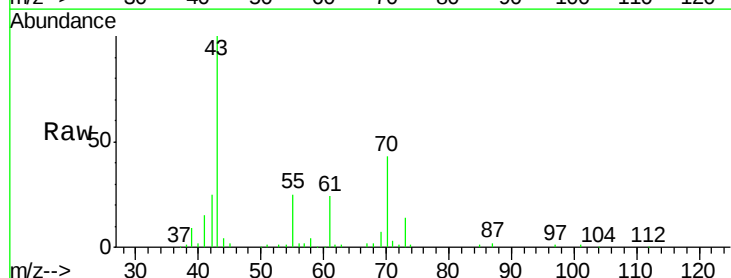
Ion Ratio Lower Upper

43 100

70 42.9 34.5 51.7

55 26.1 20.4 30.6

61 24.3 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

60000

50000

40000

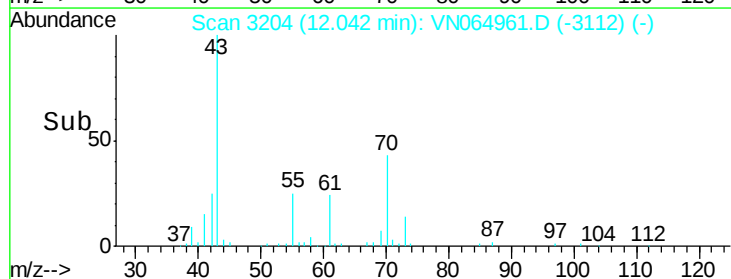
30000

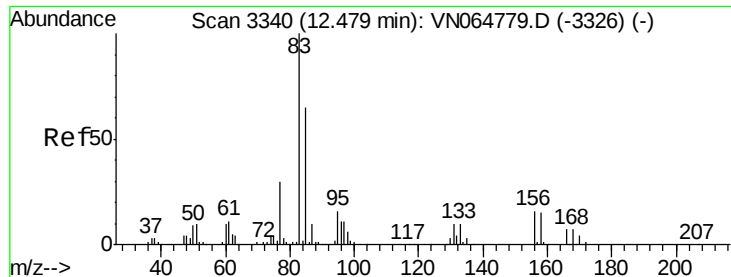
20000

10000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.610 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

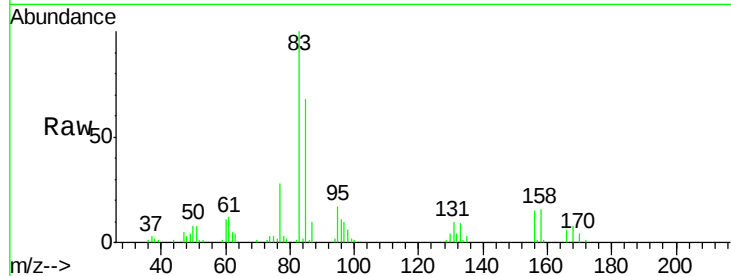
Tgt Ion: 83 Resp: 52757

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

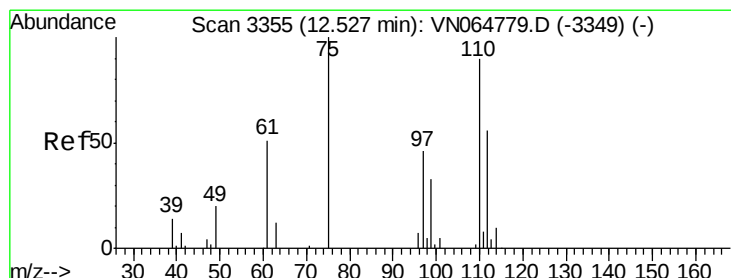
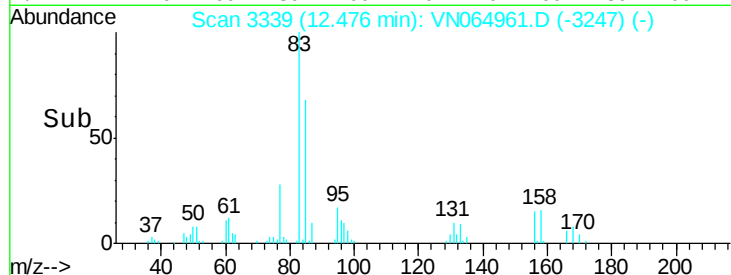
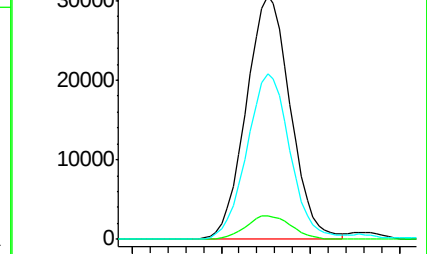
85 66.5 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-3326) (-)

Ion 130.80 (130.50 to 131.50): VN064779.D (-3326) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-3326) (-)



#76

1,2,3-Trichloropropane

Concen: 24.289 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064961.D

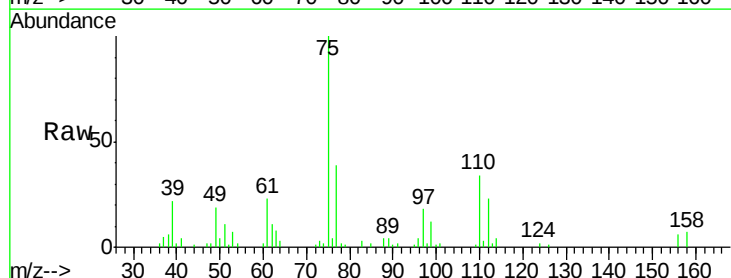
Acq: 8 Dec 2020 11:44

Tgt Ion: 75 Resp: 72734

Ion Ratio Lower Upper

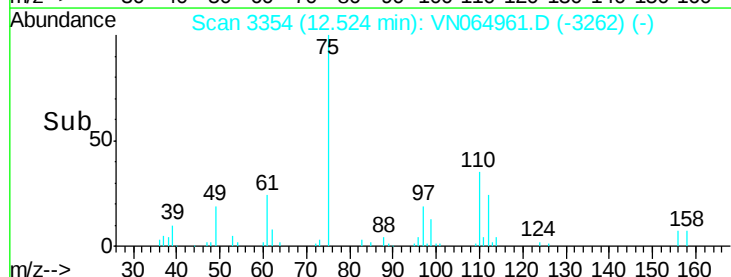
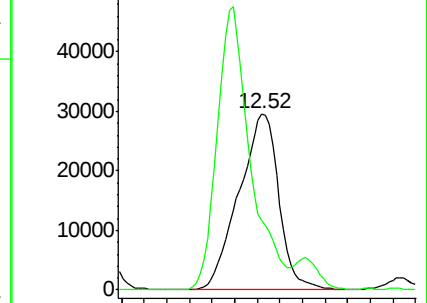
75 100

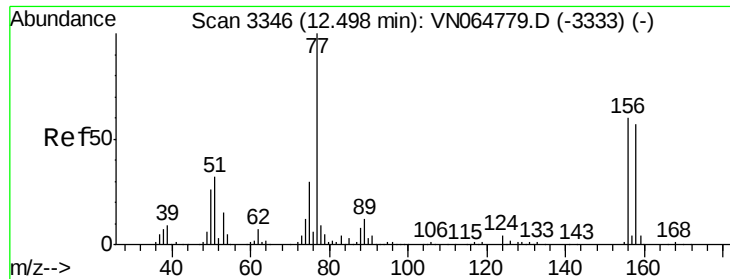
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064779.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064779.D (-3349) (-)





#77

Bromobenzene

Concen: 18.281 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

VN1208WBS01

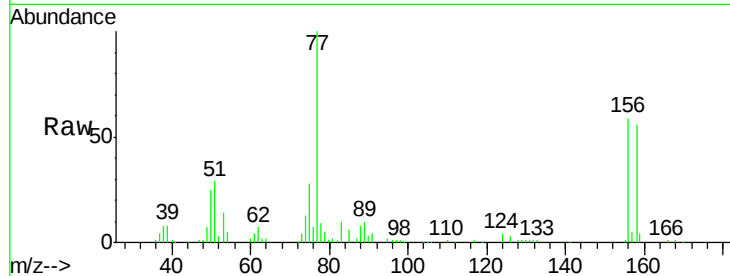
Tgt Ion:156 Resp: 47668

Ion Ratio Lower Upper

156 100

77 204.7 101.3 303.7

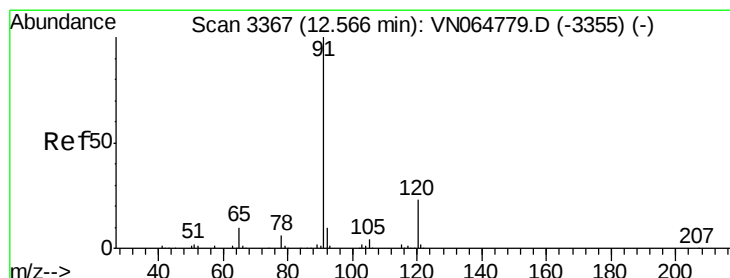
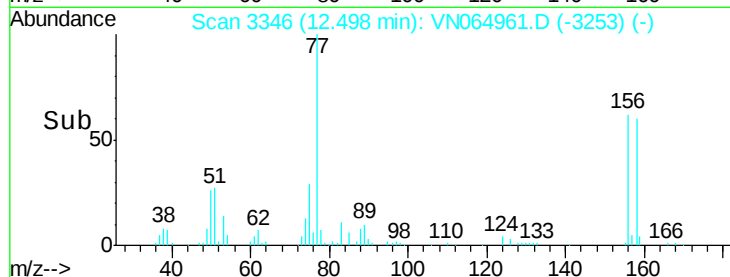
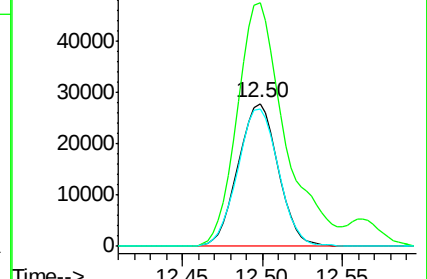
158 98.3 48.2 144.6



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: 18.761 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064961.D

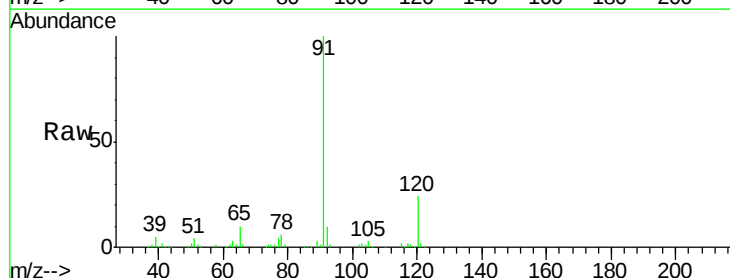
Acq: 8 Dec 2020 11:44

Tgt Ion: 91 Resp: 206710

Ion Ratio Lower Upper

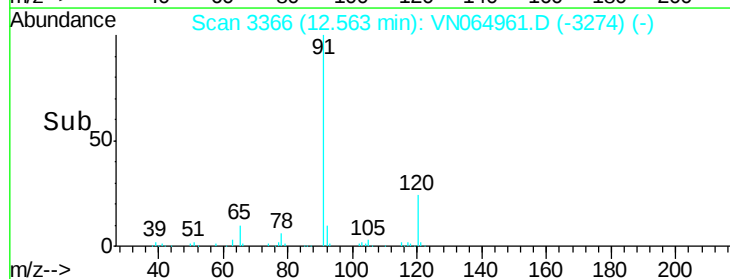
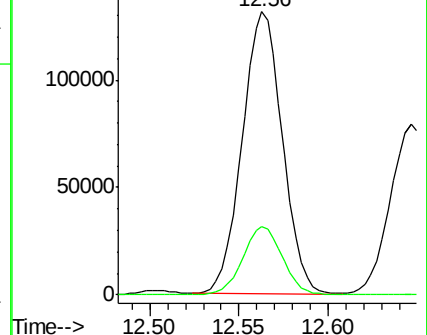
91 100

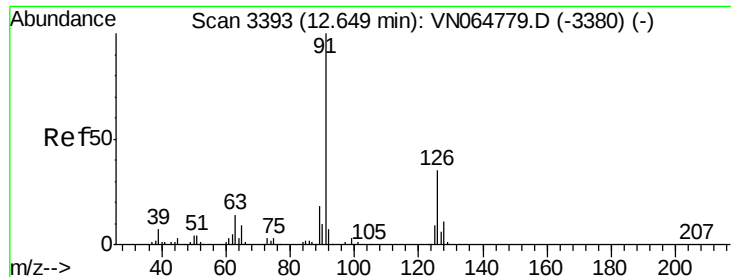
120 23.9 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

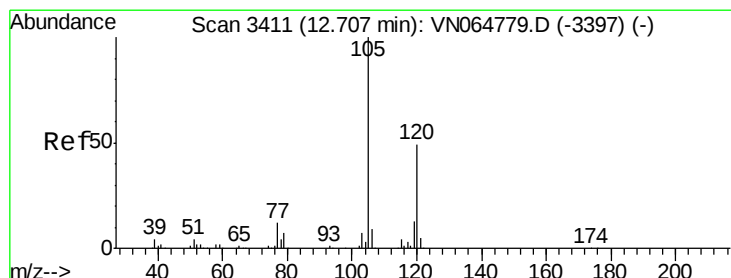
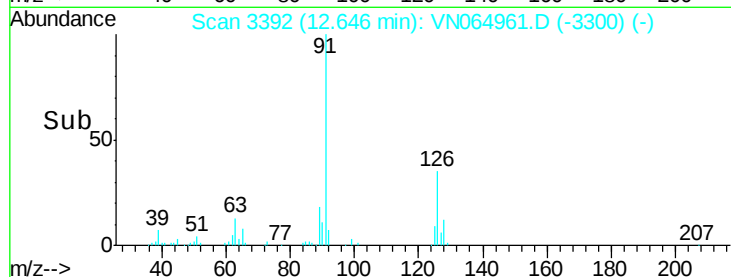
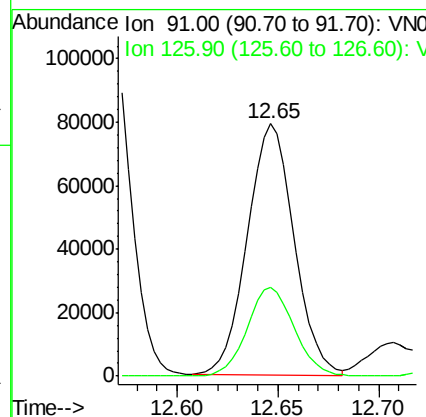
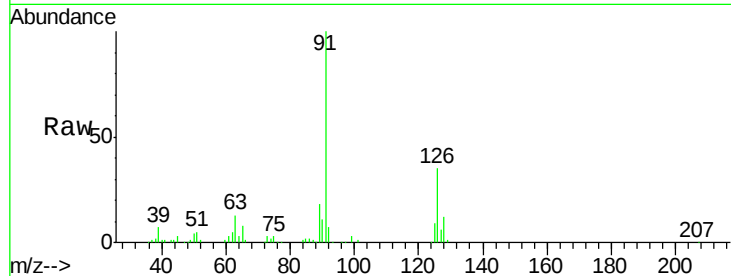




#79
 2-Chlorotoluene
 Concen: 18.928 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

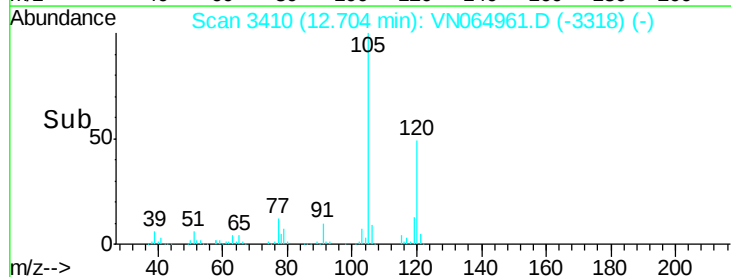
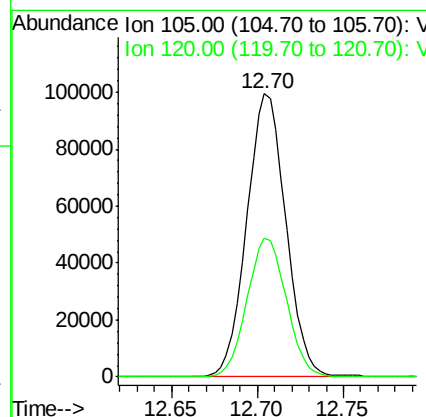
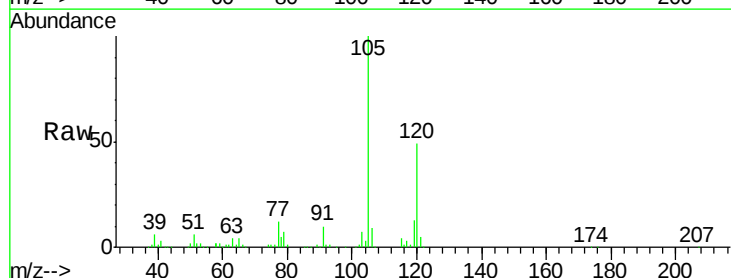
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

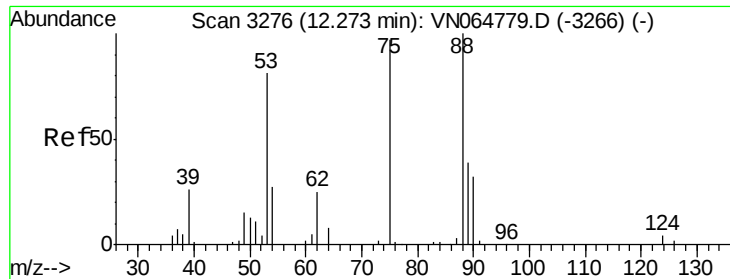
Tgt Ion: 91 Resp: 128911
 Ion Ratio Lower Upper
 91 100
 126 35.4 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.488 ug/l
 RT: 12.70 min Scan# 3410
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion: 105 Resp: 156665
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 16.597 ug/l

RT: 12.27 min Scan# 3275

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN1208WBS01

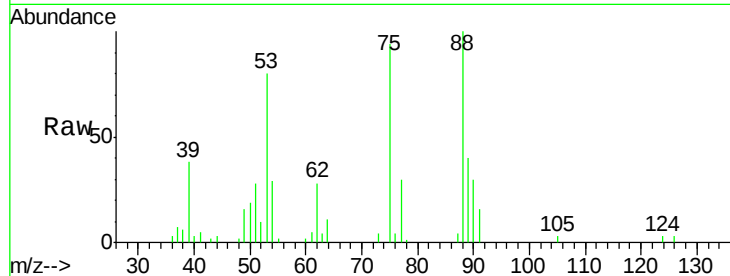
Tgt Ion: 75 Resp: 18133

Ion Ratio Lower Upper

75 100

53 87.7 67.0 100.4

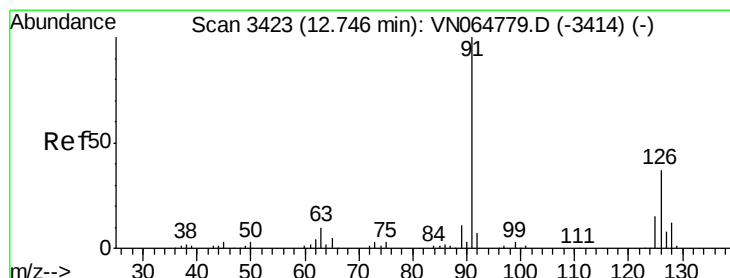
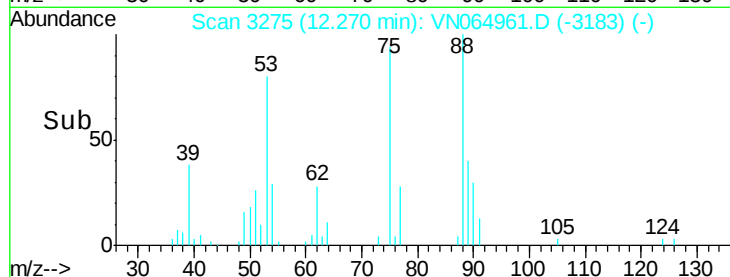
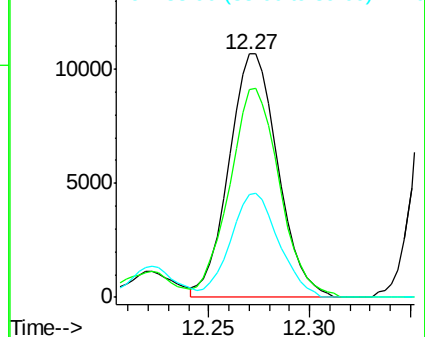
89 42.2 39.6 59.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.680 ug/l

RT: 12.74 min Scan# 3422

Delta R.T. -0.00 min

Lab File: VN064961.D

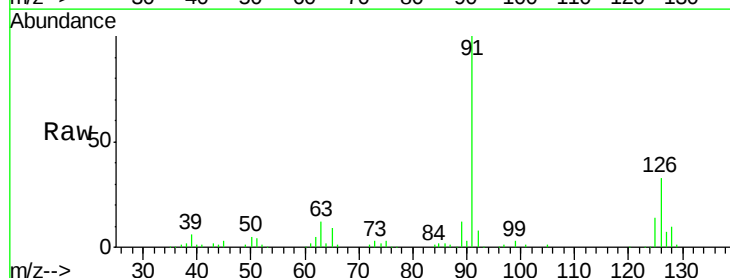
Acq: 8 Dec 2020 11:44

Tgt Ion: 91 Resp: 133352

Ion Ratio Lower Upper

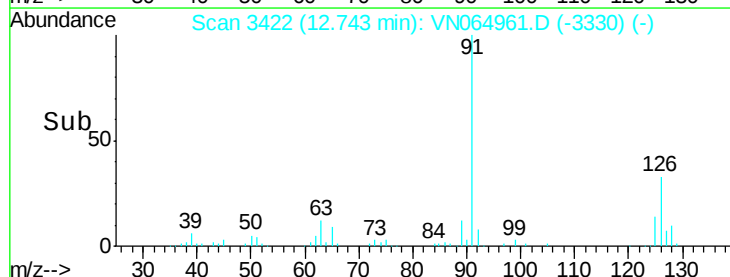
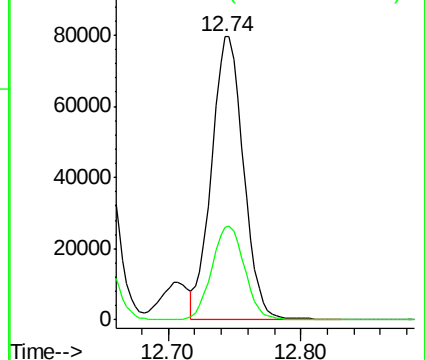
91 100

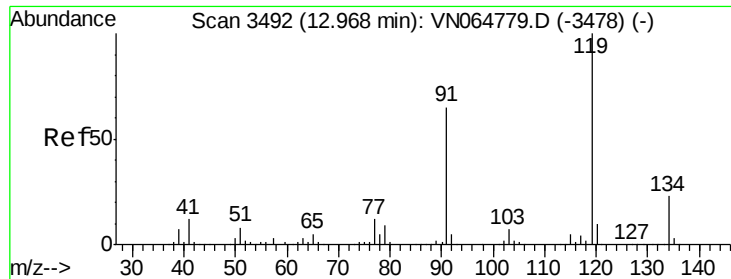
126 33.9 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

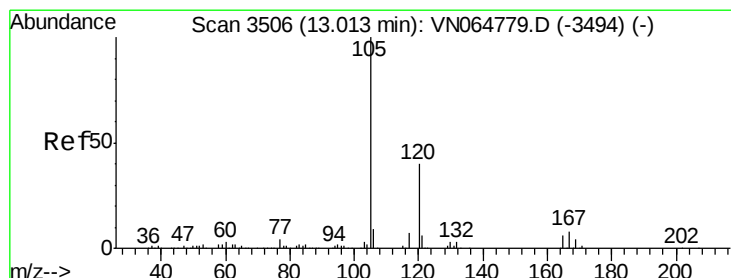
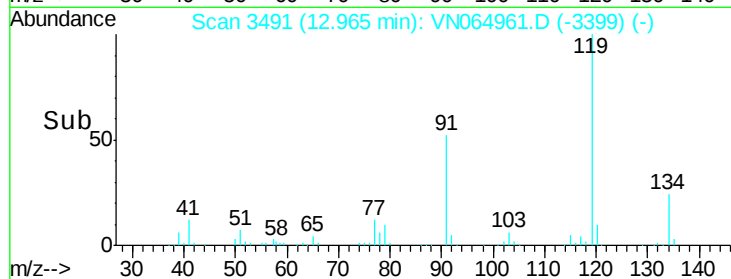
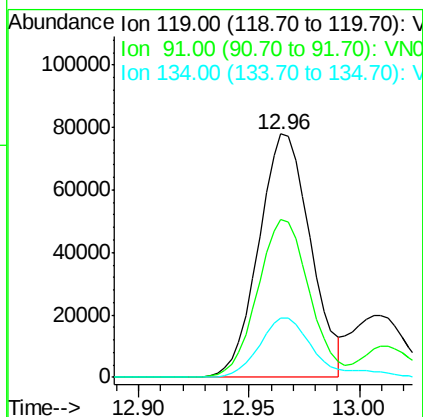
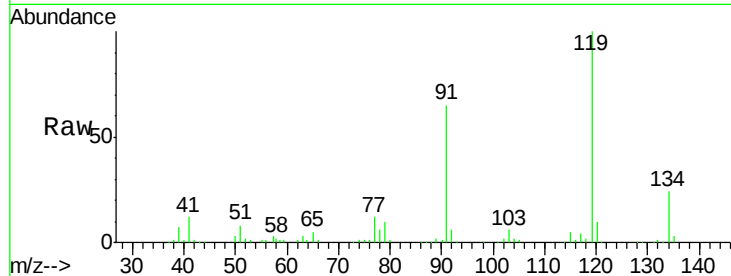




#83
 tert-Butylbenzene
 Concen: 18.836 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

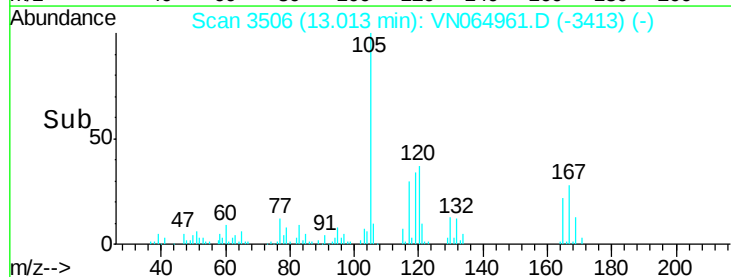
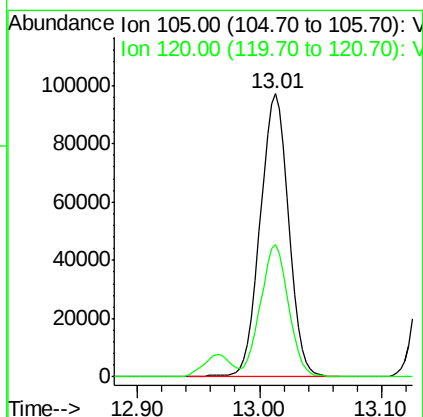
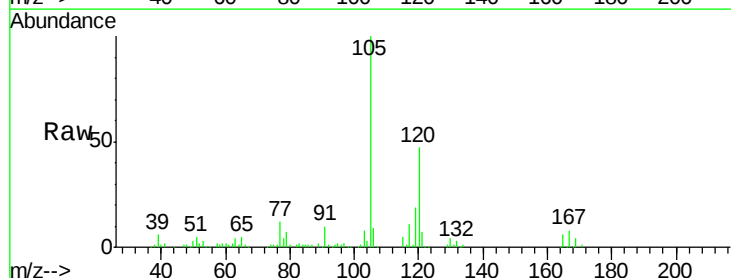
Instrument :
 MSVOA_N
 ClientSampled :
 VN1208WBS01

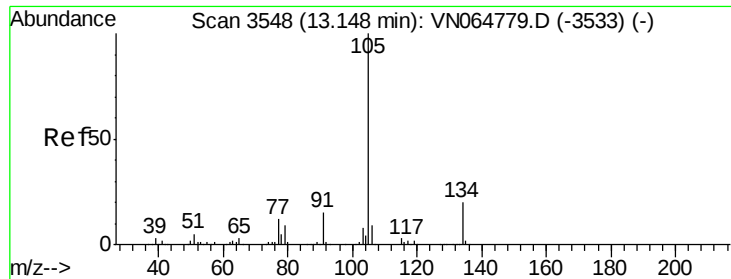
Tgt Ion:119 Resp: 126923
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.3 96.8
 134 24.3 12.6 37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 19.309 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion:105 Resp: 156942
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.1 69.2





#85

sec-Butylbenzene

Concen: 18.585 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampleId :

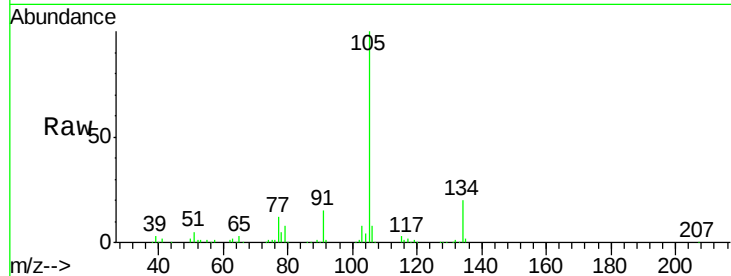
VN1208WBS01

Tgt Ion:105 Resp: 166272

Ion Ratio Lower Upper

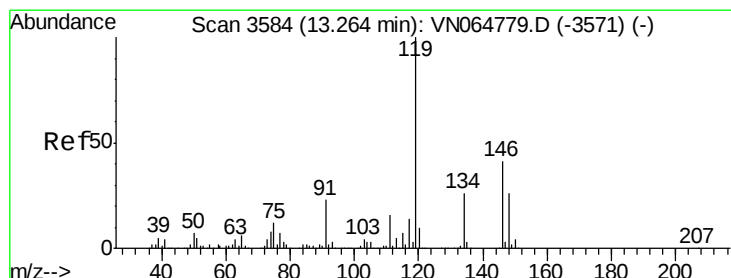
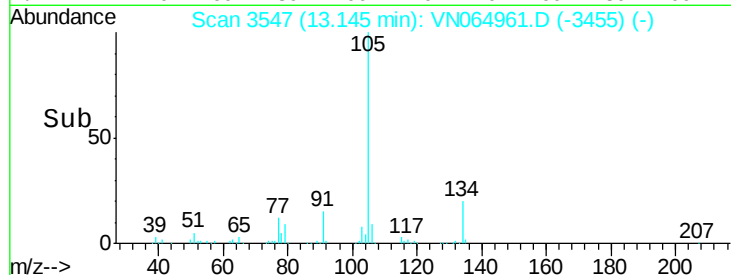
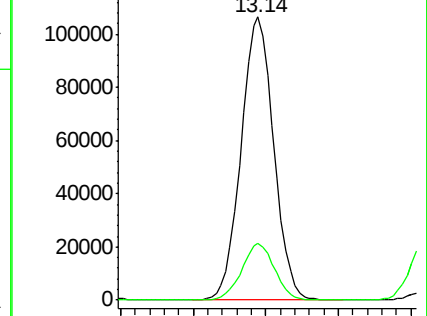
105 100

134 20.1 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.977 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

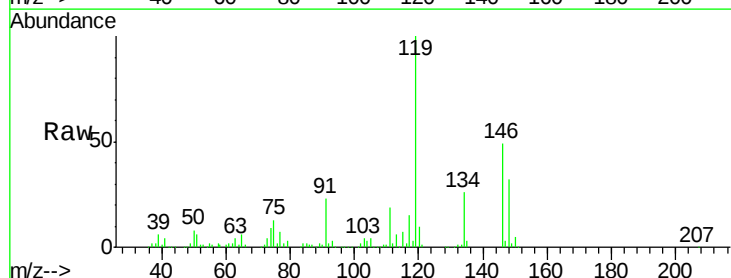
Tgt Ion:119 Resp: 154575

Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.1

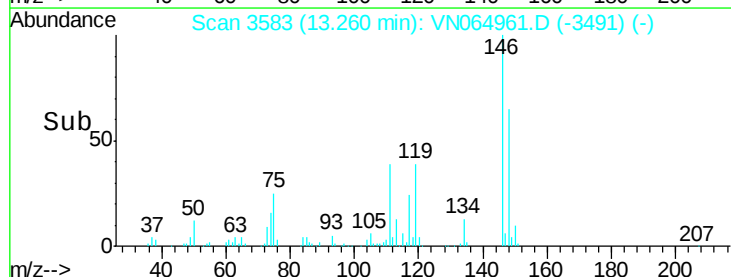
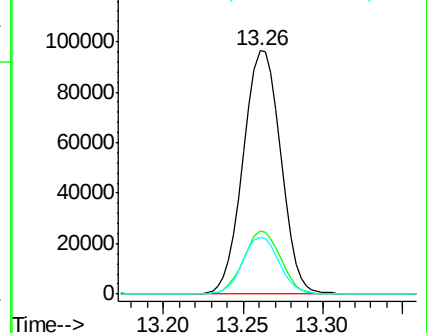
91 22.9 11.5 34.5

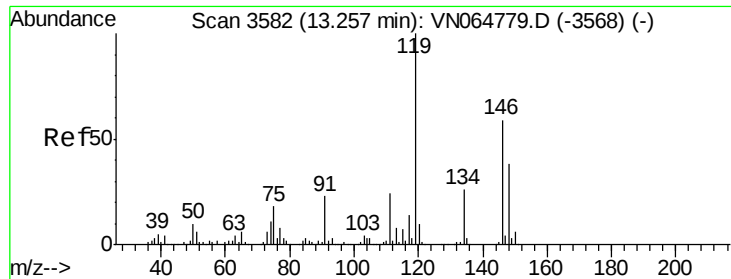


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

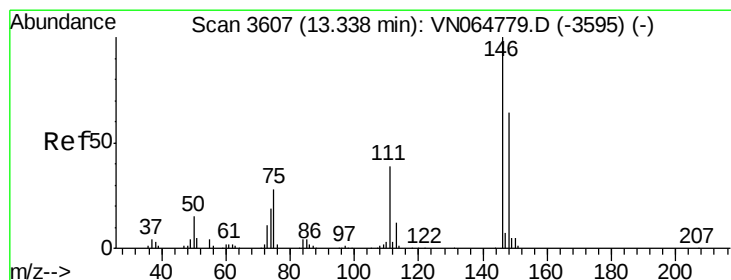
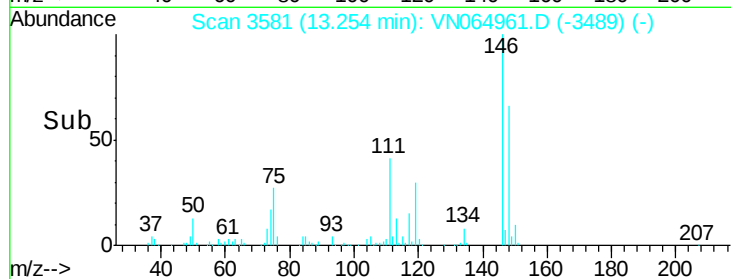
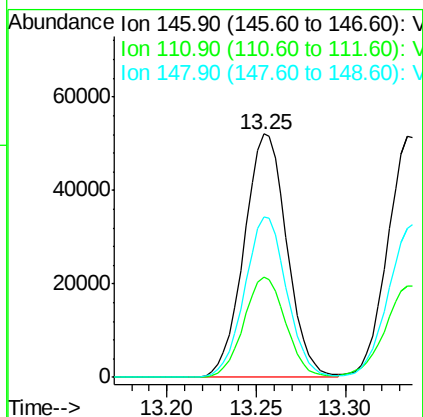
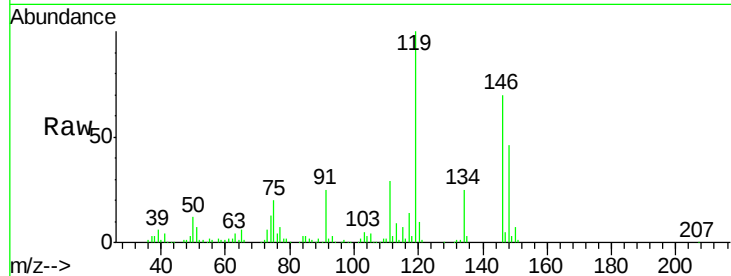




#87
 1,3-Dichlorobenzene
 Concen: 18.837 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

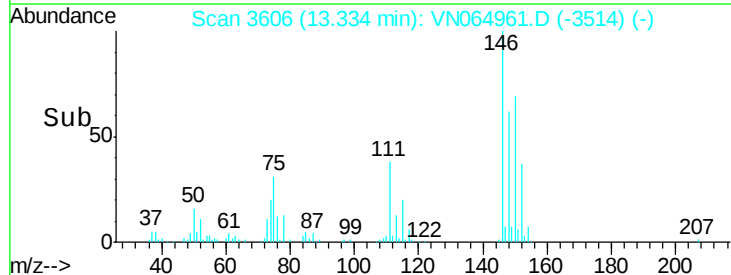
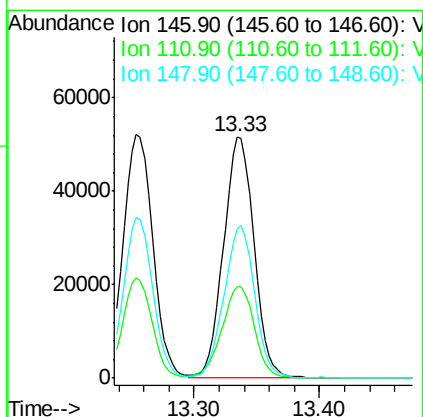
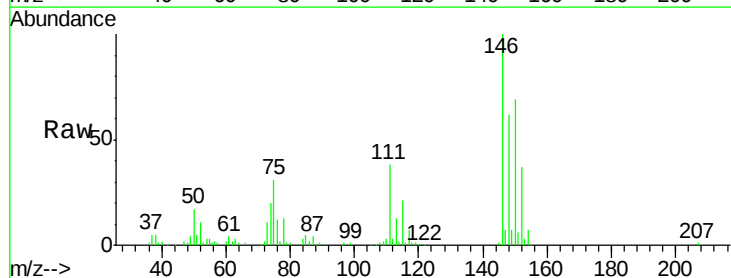
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

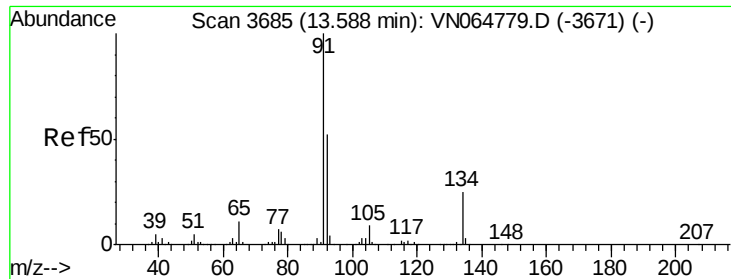
Tgt Ion:146 Resp: 87266
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.6 61.9
 148 64.7 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 17.824 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion:146 Resp: 87324
 Ion Ratio Lower Upper
 146 100
 111 40.5 19.8 59.3
 148 62.8 31.9 95.5





#89

n-Butylbenzene

Concen: 16.986 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN1208WBS01

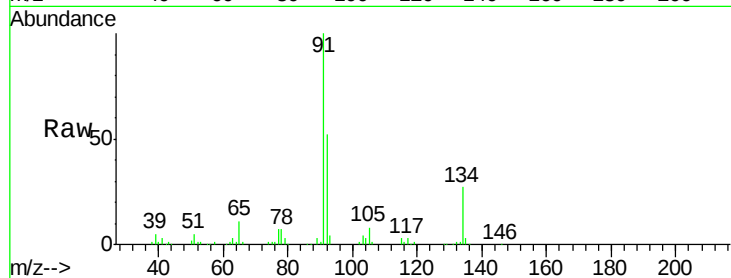
Tgt Ion: 91 Resp: 121505

Ion Ratio Lower Upper

91 100

92 52.1 26.0 78.0

134 26.4 12.9 38.6

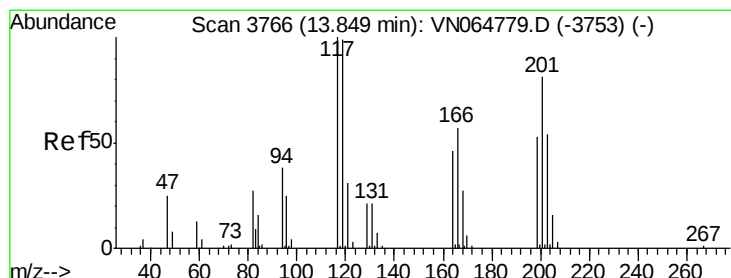
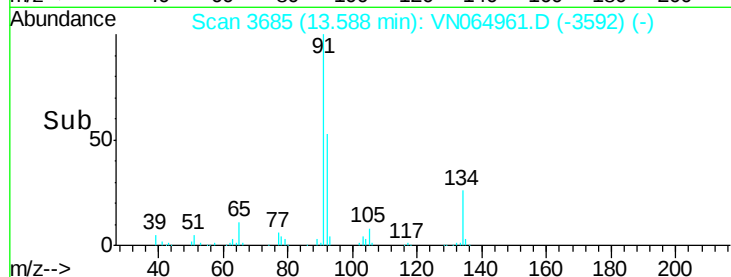


Abundance Ion 91.00 (90.70 to 91.70): VN064779.D (-3671) (-)

Ion 92.00 (91.70 to 92.70): VN064779.D (-3671) (-)

Ion 134.00 (133.70 to 134.70): VN064779.D (-3671) (-)

Time-->



#90

Hexachloroethane

Concen: 19.278 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064961.D

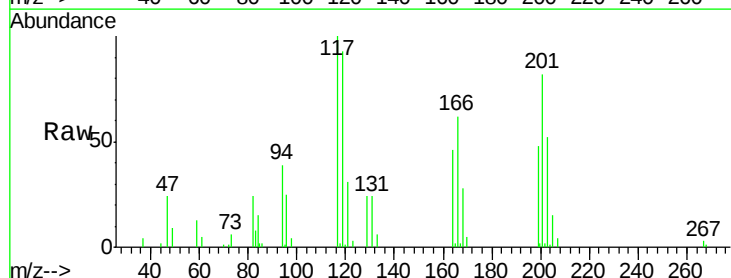
Acq: 8 Dec 2020 11:44

Tgt Ion: 117 Resp: 27279

Ion Ratio Lower Upper

117 100

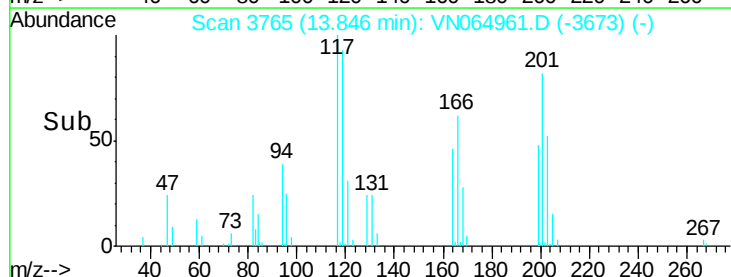
201 81.1 40.1 120.3

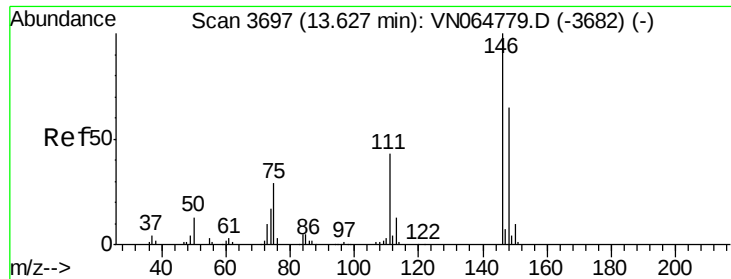


Abundance Ion 116.80 (116.50 to 117.50): VN064779.D (-3753) (-)

Ion 200.70 (200.40 to 201.40): VN064779.D (-3753) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 19.067 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

Instrument :

MSVOA_N

ClientSampled :

VN1208WBS01

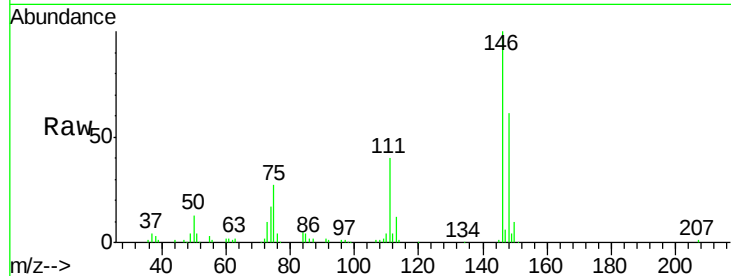
Tgt Ion:146 Resp: 86729

Ion Ratio Lower Upper

146 100

111 40.1 21.1 63.1

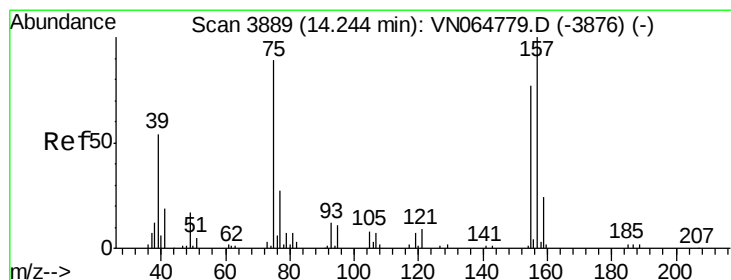
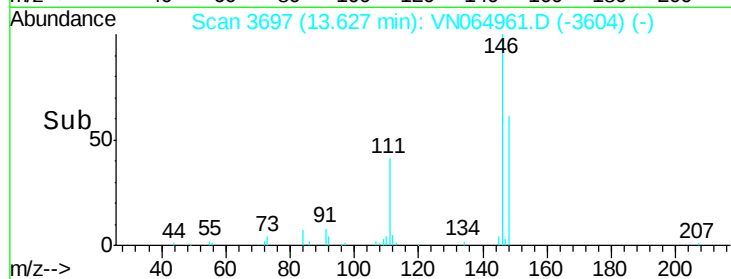
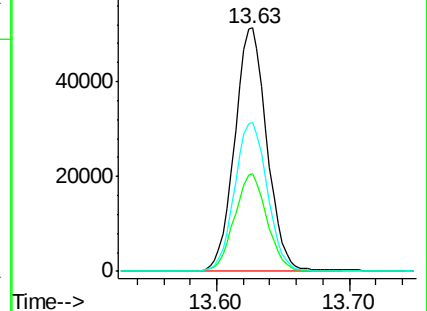
148 62.1 32.0 96.2



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: 16.073 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064961.D

Acq: 8 Dec 2020 11:44

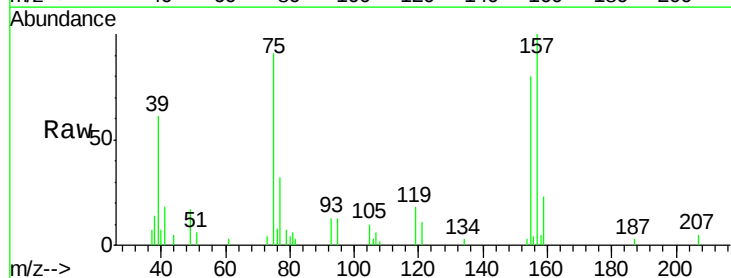
Tgt Ion: 75 Resp: 10252

Ion Ratio Lower Upper

75 100

155 87.0 42.8 128.3

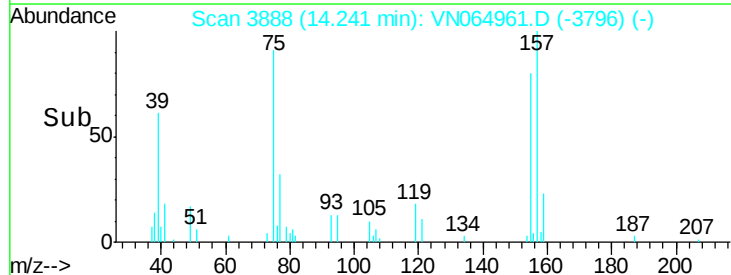
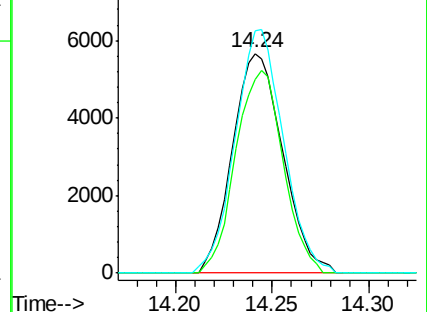
157 106.2 56.4 169.1

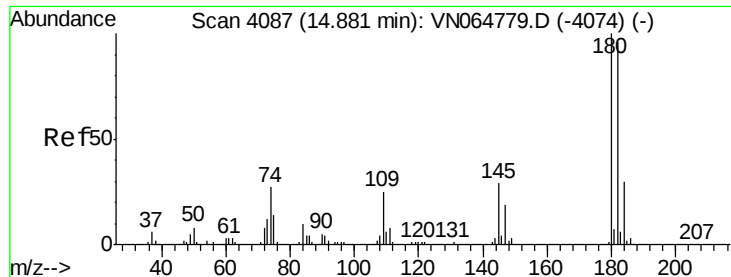


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

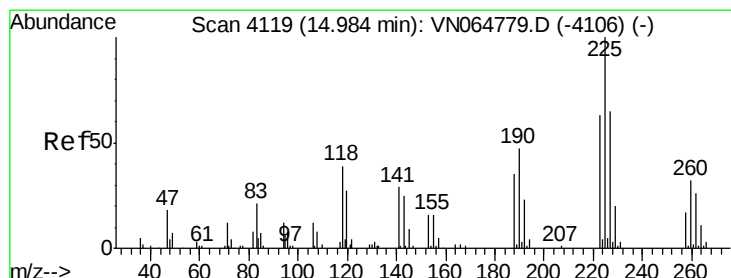
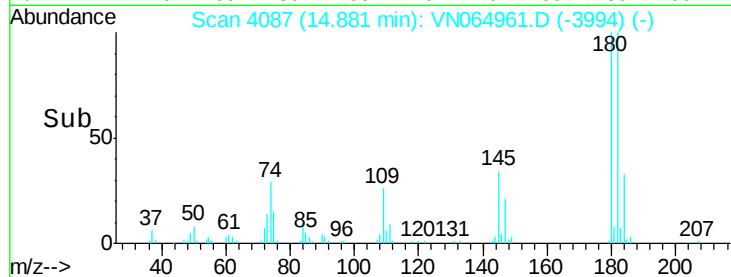
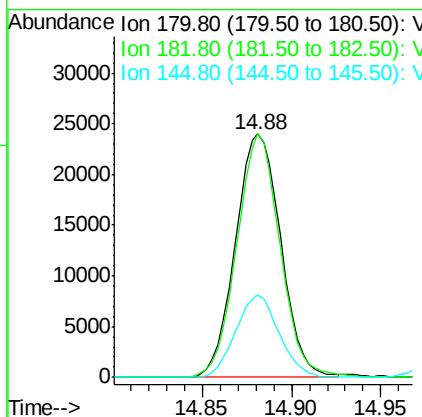
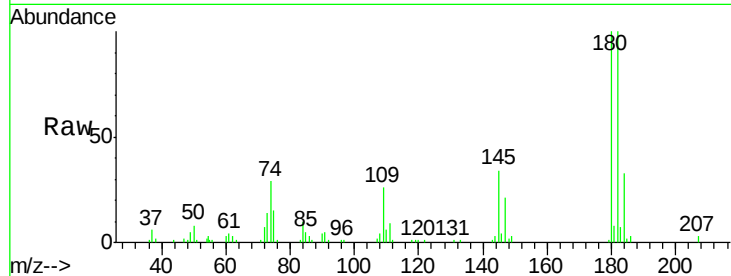




#93
 1,2,4-Trichlorobenzene
 Concen: 15.103 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

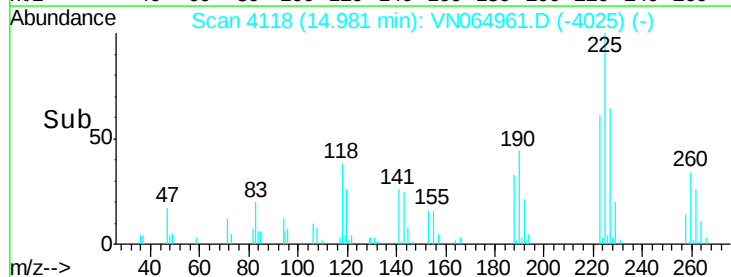
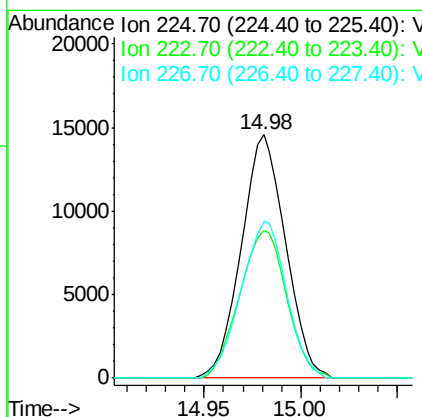
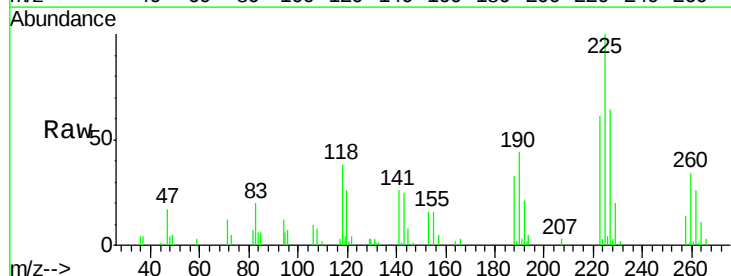
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1208WBS01

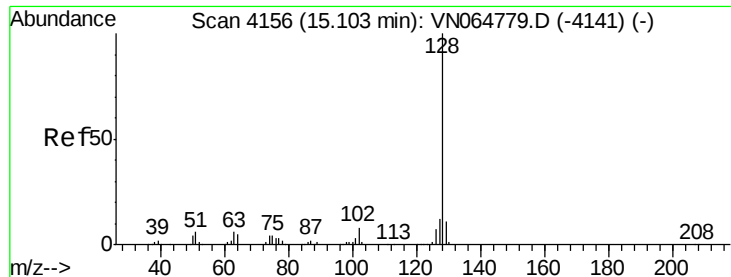
Tgt Ion:180 Resp: 42499
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.6 142.9
 145 32.3 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 18.514 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064961.D
 Acq: 8 Dec 2020 11:44

Tgt Ion:225 Resp: 23160
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.0 93.0
 227 66.2 32.0 96.0

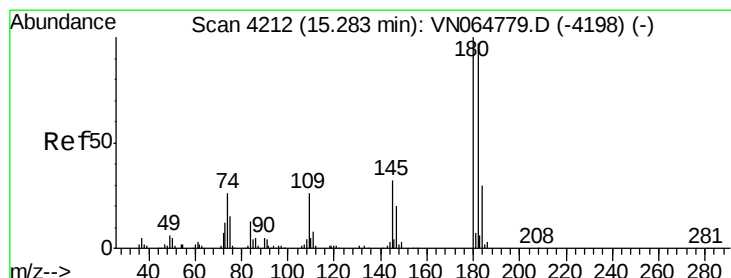
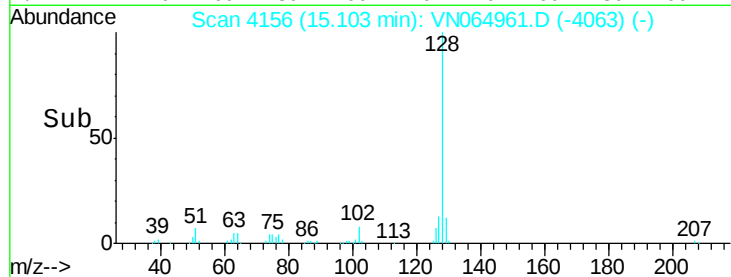
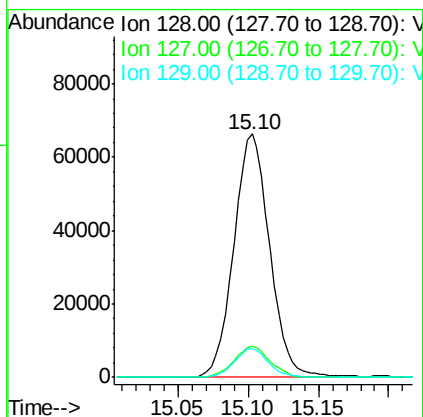
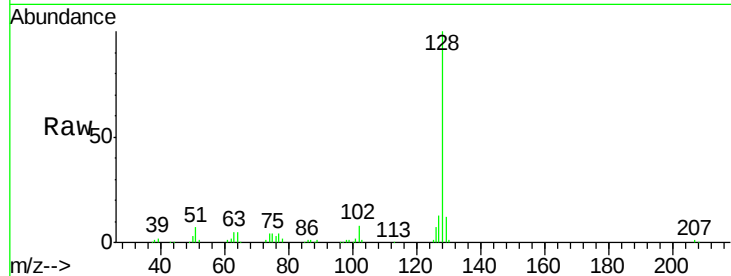




#95
Naphthalene
Concen: 13.972 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Instrument :
MSVOA_N
ClientSampleId :
VN1208WBS01

Tgt Ion:128 Resp: 117784
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 15.910 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064961.D
Acq: 8 Dec 2020 11:44

Tgt Ion:180 Resp: 39934
Ion Ratio Lower Upper
180 100
182 98.8 48.1 144.4
145 33.9 16.4 49.1

