

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064438.D
 Acq On : 4 Nov 2020 16:00
 Operator : JC/MD
 Sample : VN1104WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

Quant Time: Nov 05 00:46:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	315019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	563386	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	530324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	228031	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	271598	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	7.55	113	182453	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	10.06	98	689603	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
62) 4-Bromofluorobenzene	12.38	95	256828	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	76126	18.564	ug/l	99
3) Chloromethane	2.04	50	91883	18.447	ug/l	99
4) Vinyl Chloride	2.17	62	96113	18.791	ug/l	97
5) Bromomethane	2.54	94	63833	19.535	ug/l	100
6) Chloroethane	2.68	64	61702	18.841	ug/l	99
7) Trichlorofluoromethane	2.99	101	141073	18.730	ug/l	97
8) Diethyl Ether	3.38	74	49835	18.737	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65183	18.225	ug/l	99
10) Methyl Iodide	3.91	142	72390	17.418	ug/l	99
11) Tert butyl alcohol	4.75	59	63785	105.409	ug/l #	81
12) 1,1-Dichloroethene	3.69	96	60990	18.103	ug/l	99
13) Acrolein	3.57	56	39660	105.662	ug/l	94
14) Allyl chloride	4.27	41	120045	18.215	ug/l	97
15) Acrylonitrile	4.94	53	171209	101.625	ug/l	99
16) Acetone	3.79	43	178510	85.405	ug/l	97
17) Carbon Disulfide	4.00	76	175290	17.398	ug/l	98
18) Methyl Acetate	4.29	43	80250	19.529	ug/l	97
19) Methyl tert-butyl Ether	5.00	73	230949	19.046	ug/l	97
20) Methylene Chloride	4.51	84	76344	18.409	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	71307	18.641	ug/l	98
22) Diisopropyl ether	5.91	45	255779	18.283	ug/l	98
23) Vinyl Acetate	5.85	43	1063303	93.429	ug/l	99
24) 1,1-Dichloroethane	5.80	63	144074	18.741	ug/l	99
25) 2-Butanone	6.79	43	253570	95.214	ug/l	97
26) 2,2-Dichloropropane	6.78	77	120214	17.274	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	82389	18.587	ug/l	97
28) Bromochloromethane	7.15	49	66370	17.564	ug/l	94
29) Tetrahydrofuran	7.17	42	160974	98.521	ug/l	99
30) Chloroform	7.33	83	148335	18.356	ug/l	99
31) Cyclohexane	7.61	56	119517	17.918	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	132705	18.515	ug/l	99
36) 1,1-Dichloropropene	7.76	75	106977	17.974	ug/l	99
37) Ethyl Acetate	6.89	43	106749	18.165	ug/l	99
38) Carbon Tetrachloride	7.74	117	114956	18.072	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	93553	17.534	ug/l	97
40) Benzene	8.00	78	314511	17.983	ug/l	99
41) Methacrylonitrile	7.12	41	32878	12.460	ug/l #	69
42) 1,2-Dichloroethane	8.09	62	133434	18.905	ug/l	99
43) Isopropyl Acetate	8.13	43	178947	18.553	ug/l	99
44) Trichloroethene	8.80	130	79126	17.932	ug/l	97
45) 1,2-Dichloropropane	9.09	63	85464	18.314	ug/l	98
46) Dibromomethane	9.18	93	54944	17.886	ug/l	98
47) Bromodichloromethane	9.37	83	119664	18.116	ug/l	99
48) Methyl methacrylate	9.17	41	90714	18.638	ug/l	97
49) 1,4-Dioxane	9.17	88	27317	426.121	ug/l	98
51) 4-Methyl-2-Pentanone	9.96	43	556396	98.917	ug/l	100
52) Toluene	10.13	92	193112	18.104	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	124858	17.830	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	133850	17.877	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	75549	18.160	ug/l	98
56) Ethyl methacrylate	10.40	69	110879	17.444	ug/l	97
57) 1,3-Dichloropropane	10.68	76	135158	18.613	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.67	63	292729	104.251	ug/l	98
59) 2-Hexanone	10.72	43	394129	88.571	ug/l	99
60) Dibromochloromethane	10.87	129	83966	18.028	ug/l	100
61) 1,2-Dibromoethane	10.98	107	79048	18.733	ug/l	99
64) Tetrachloroethene	10.60	164	73675	18.035	ug/l	97
65) Chlorobenzene	11.41	112	202941	17.456	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	75835	17.485	ug/l	99
67) Ethyl Benzene	11.49	91	369856	17.885	ug/l	99
68) m/p-Xylenes	11.60	106	259141	34.554	ug/l	95
69) o-Xylene	11.92	106	130125	17.956	ug/l	99
70) Styrene	11.94	104	216270	17.735	ug/l	99
71) Bromoform	12.10	173	52049	16.850	ug/l #	98
73) Isopropylbenzene	12.22	105	334357	18.448	ug/l	98
74) N-amyl acetate	12.05	43	148544	17.702	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	107917	19.385	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	148327	26.847	ug/l #	100
77) Bromobenzene	12.50	156	80141	18.111	ug/l	99
78) n-propylbenzene	12.57	91	376631	18.227	ug/l	99
79) 2-Chlorotoluene	12.65	91	234571	17.898	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	276268	18.477	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	33604	16.982	ug/l	91
82) 4-Chlorotoluene	12.75	91	243980	17.776	ug/l	99
83) tert-Butylbenzene	12.97	119	210856	18.056	ug/l	100
84) 1,2,4-Trimethylbenzene	13.02	105	274223	18.244	ug/l	100
85) sec-Butylbenzene	13.15	105	272454	18.422	ug/l	100
86) p-Isopropyltoluene	13.26	119	241829	18.178	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	137071	17.920	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	136513	17.269	ug/l	98
89) n-Butylbenzene	13.59	91	201873	17.649	ug/l	99
90) Hexachloroethane	13.85	117	45774	17.837	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	136917	18.608	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21041	18.984	ug/l	97

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

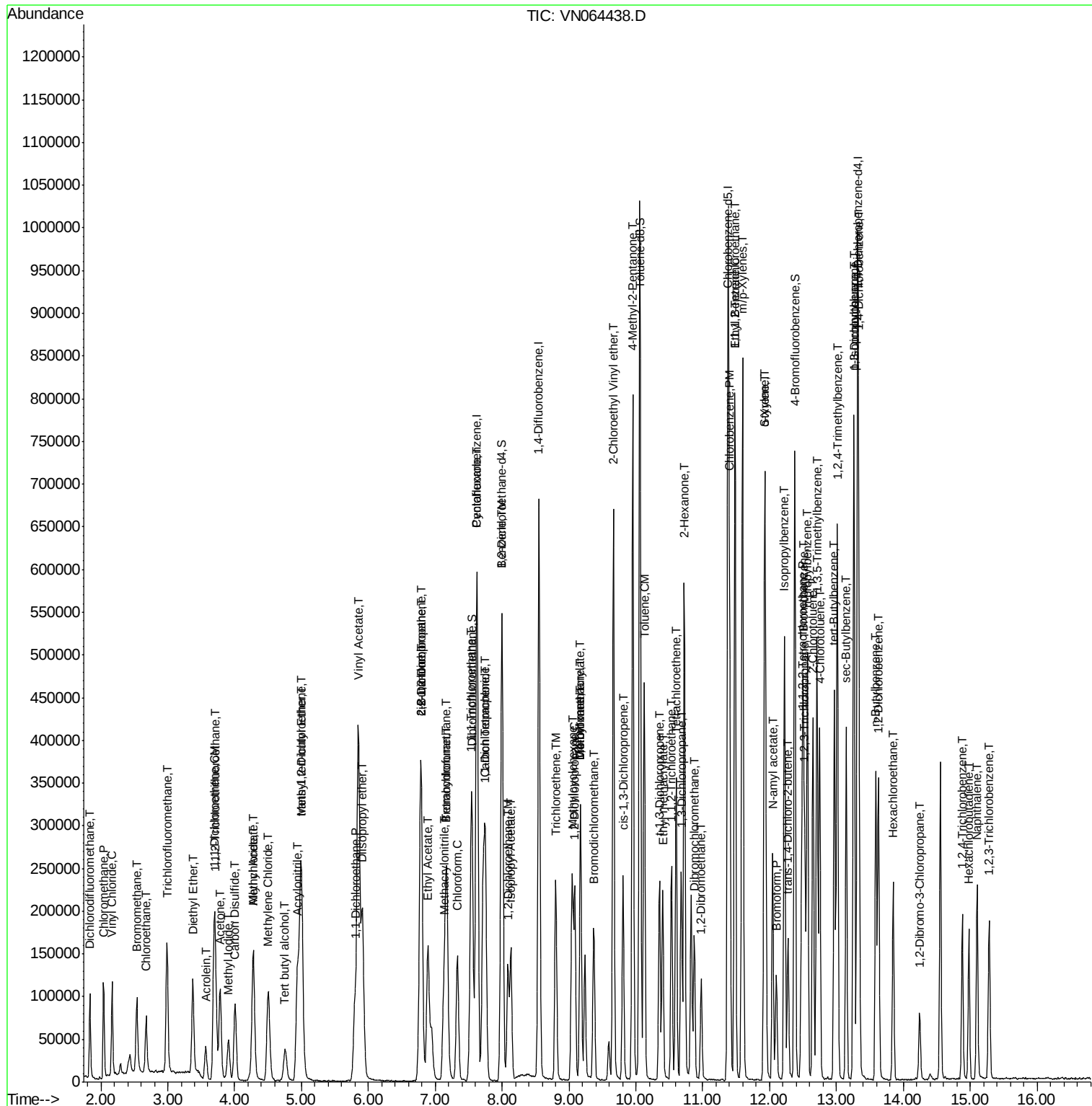
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55396	16.997	ug/l	98
94) Hexachlorobutadiene	14.98	225	28643	19.120	ug/l	99
95) Naphthalene	15.10	128	183315	17.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	56907	17.958	ug/l	97

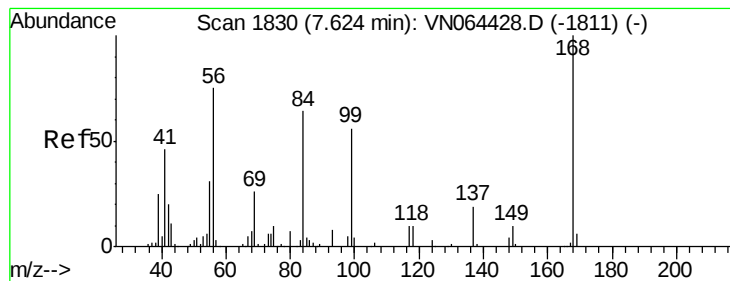
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

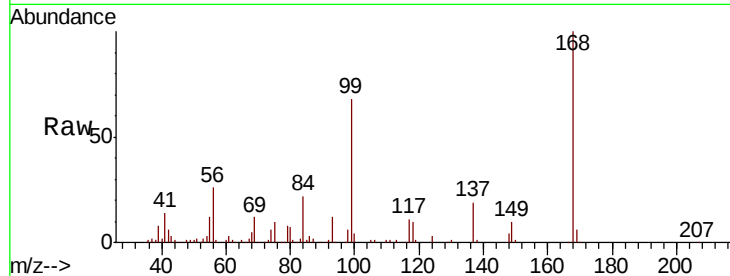
VN1104WBSD01

Tot Ion:168 Resp: 315019

Ion Ratio Lower Upper

168 100

99 67.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

150000

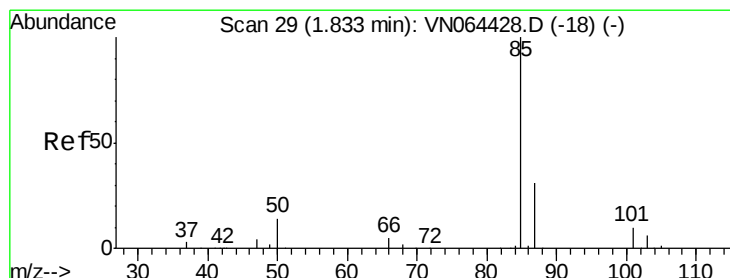
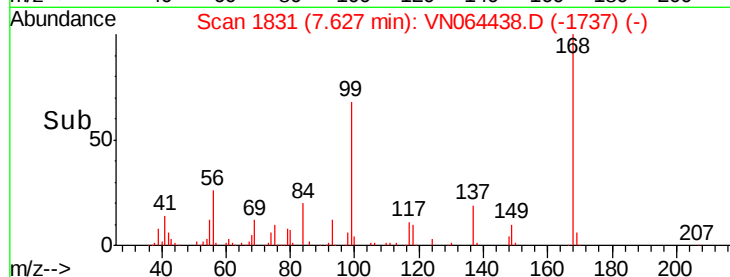
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50000

0

7.55 7.60 7.65 7.70 7.75 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 18.564 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064438.D

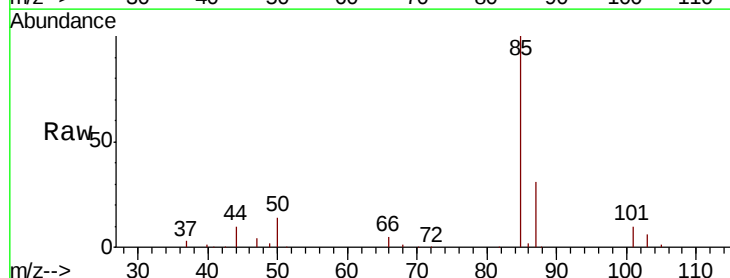
Acq: 4 Nov 2020 16:00

Tgt Ion: 85 Resp: 76126

Ion Ratio Lower Upper

85 100

87 30.9 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

60000

50000

40000

30000

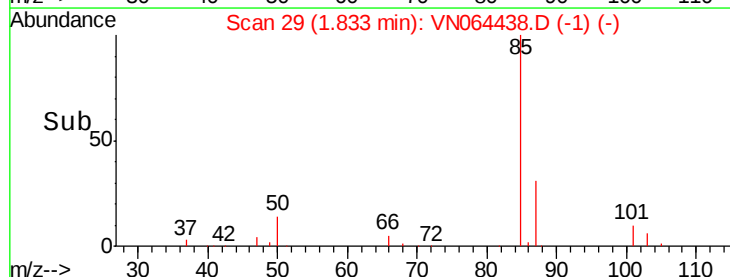
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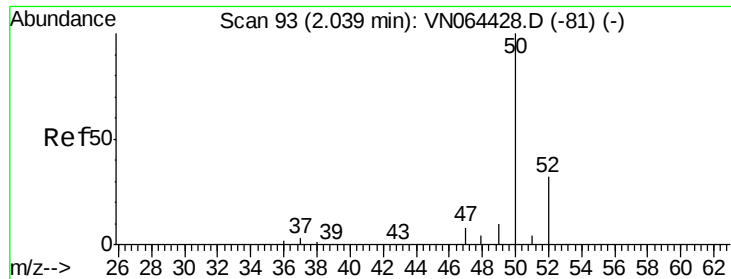
10000

0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 18.447 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

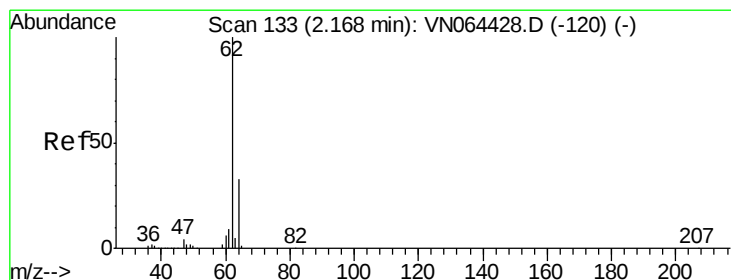
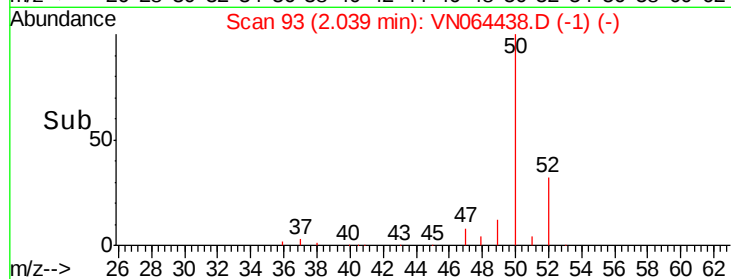
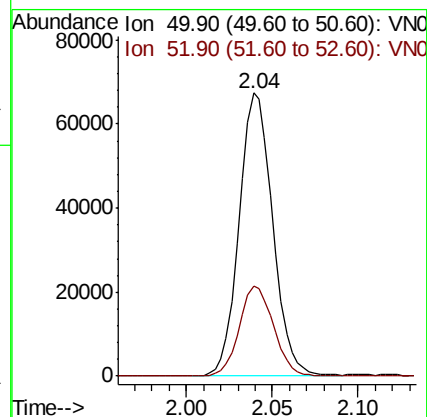
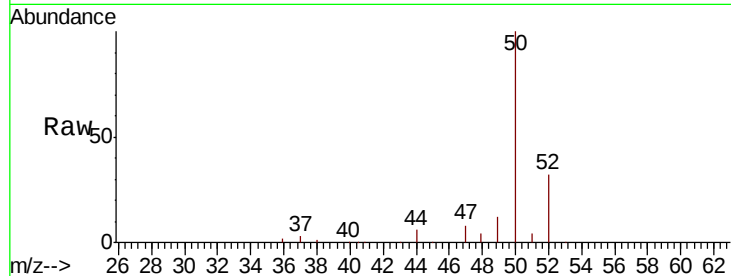
VN1104WBSD01

Tot Ion: 50 Resp: 91883

Ion Ratio Lower Upper

50 100

52 31.9 25.3 37.9



#4

Vinyl Chloride

Concen: 18.791 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064438.D

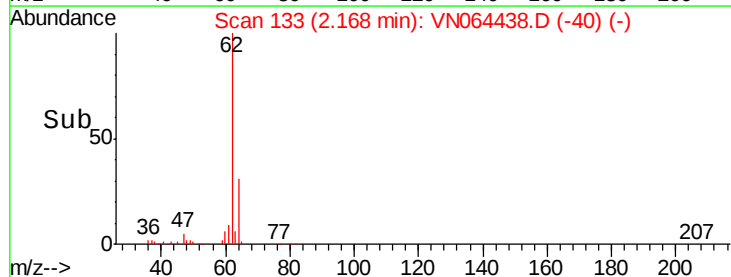
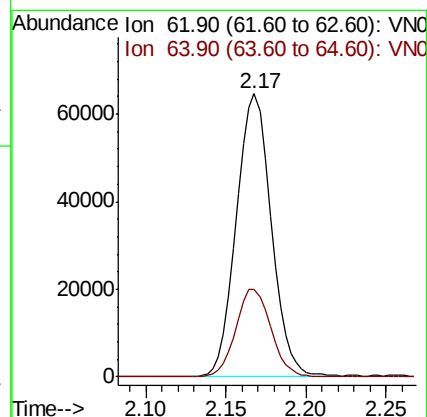
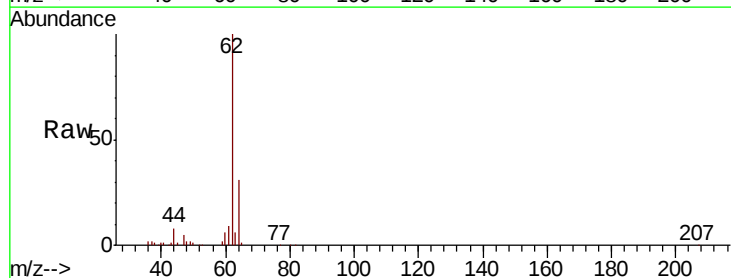
Acq: 4 Nov 2020 16:00

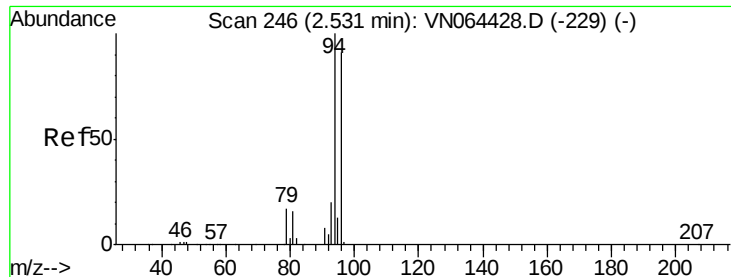
Tgt Ion: 62 Resp: 96113

Ion Ratio Lower Upper

62 100

64 31.1 26.3 39.5





#5

Bromomethane

Concen: 19.535 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

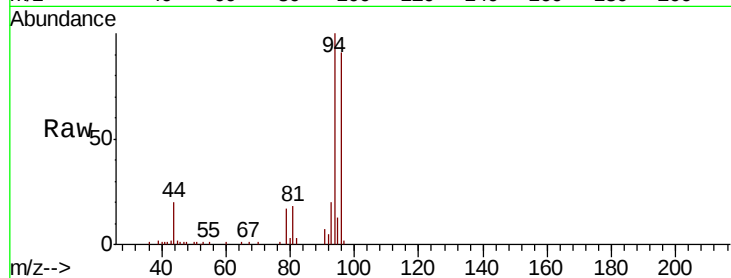
VN1104WBSD01

Tot Ion: 94 Resp: 63833

Ion Ratio Lower Upper

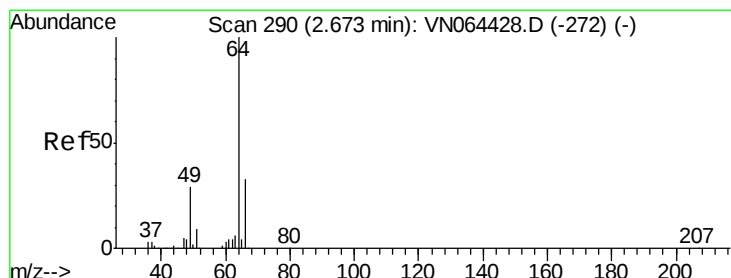
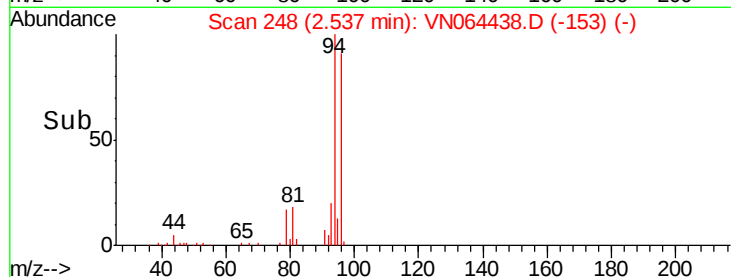
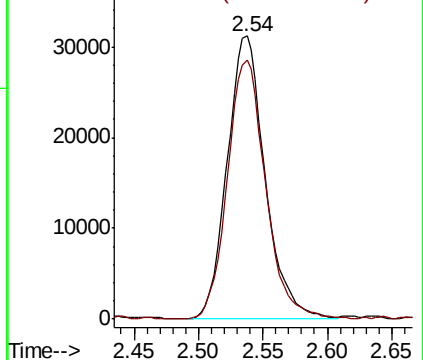
94 100

96 91.4 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.841 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064438.D

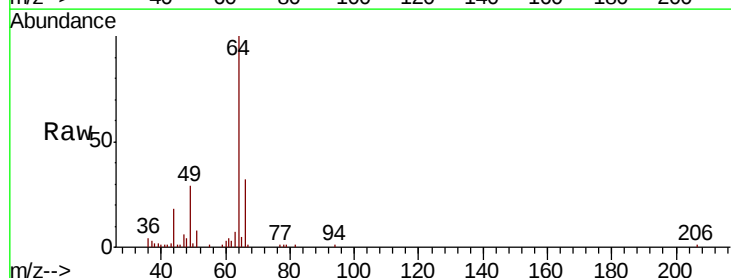
Acq: 4 Nov 2020 16:00

Tgt Ion: 64 Resp: 61702

Ion Ratio Lower Upper

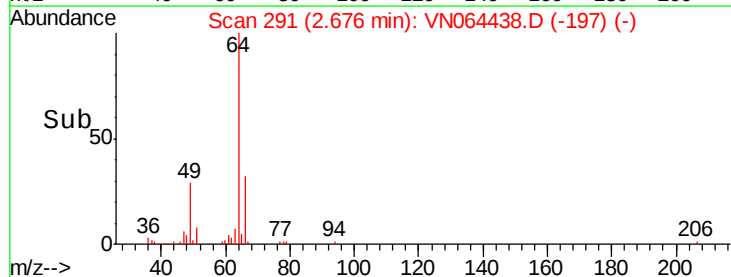
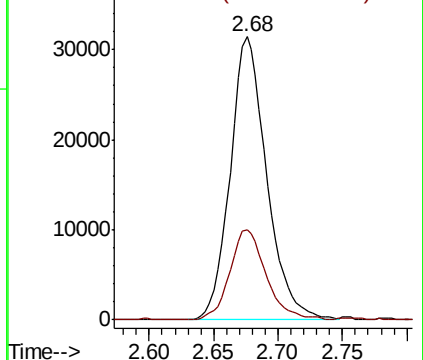
64 100

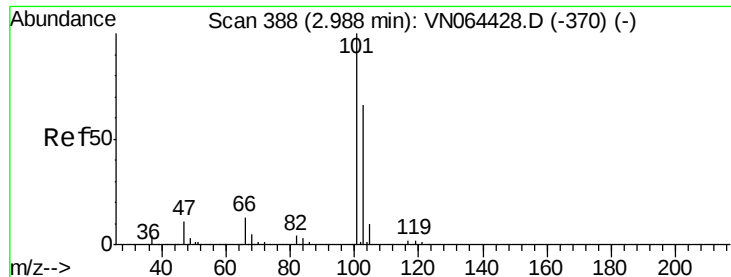
66 32.0 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



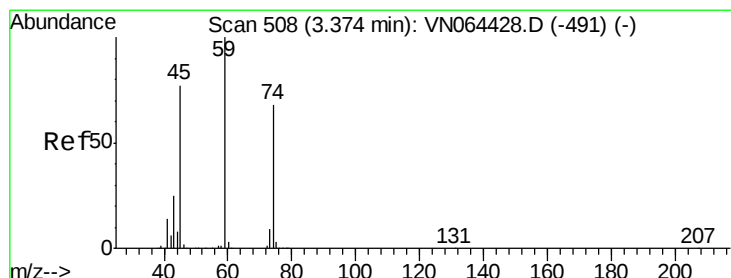
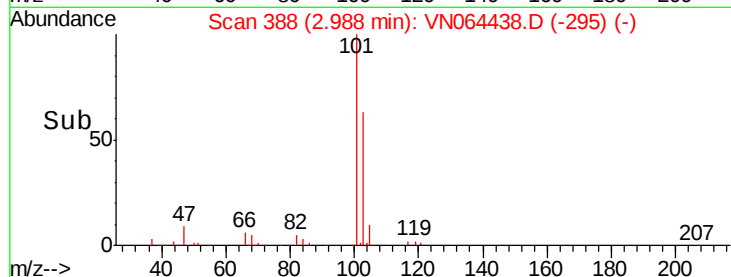
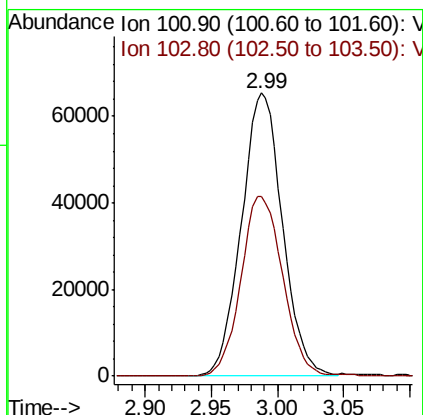
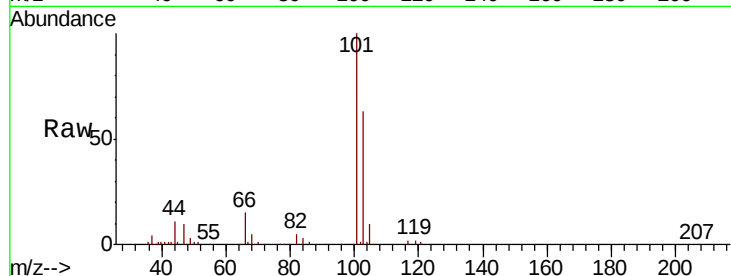


#7

Trichlorofluoromethane
 Concen: 18.730 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Instrument :
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 VN1104WBSD01

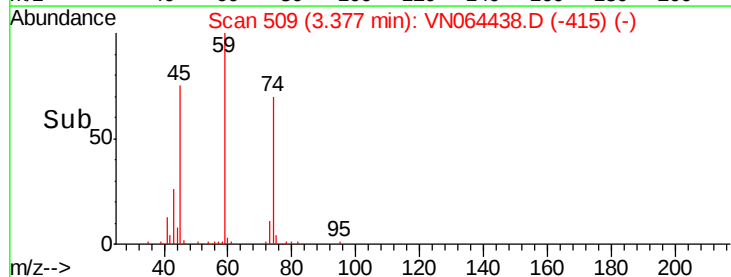
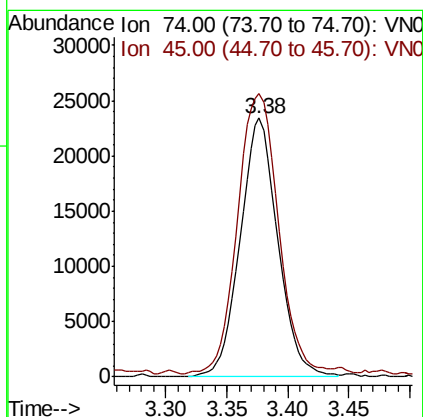
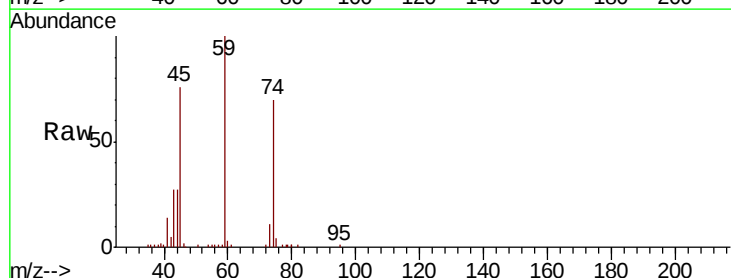
Tot Ion:101 Resp: 141073
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.4 78.6

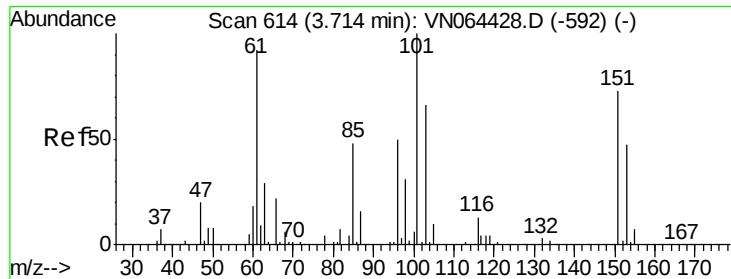


#8

Diethyl Ether
 Concen: 18.737 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 74 Resp: 49835
 Ion Ratio Lower Upper
 74 100
 45 117.3 55.9 167.6

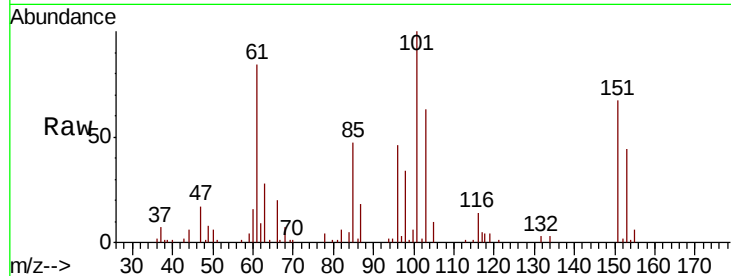




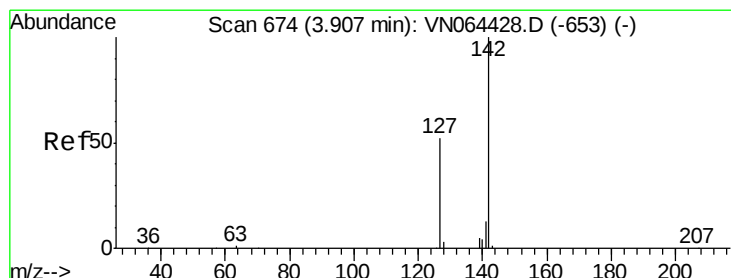
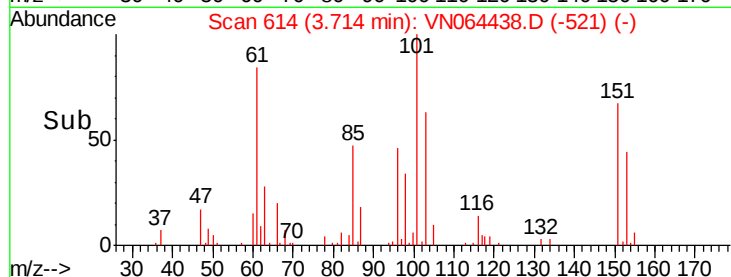
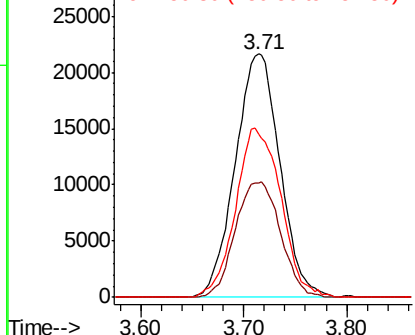
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 18.225 ug/l
 RT: 3.71 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

Tot Ion:101 Resp: 65183
 Ion Ratio Lower Upper
 101 100
 85 47.8 38.6 57.8
 151 70.3 57.5 86.3

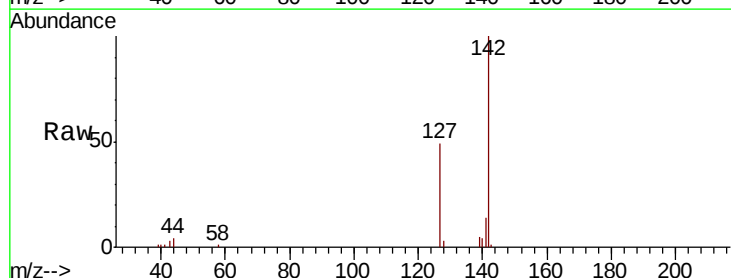


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

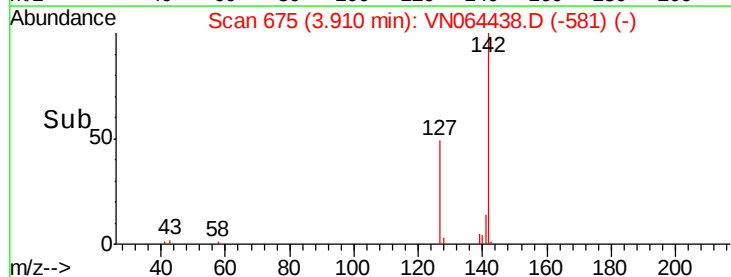
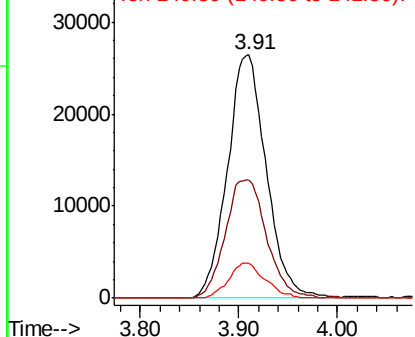


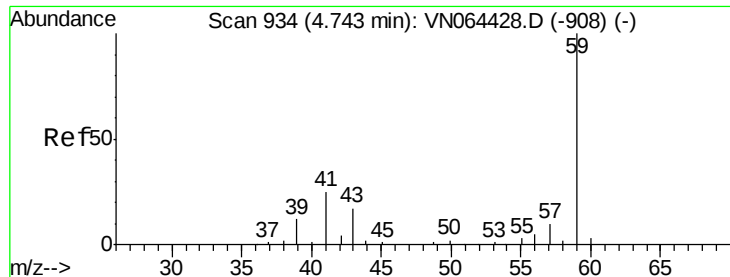
#10
 Methyl Iodide
 Concen: 17.418 ug/l
 RT: 3.91 min Scan# 675
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion:142 Resp: 72390
 Ion Ratio Lower Upper
 142 100
 127 51.5 41.8 62.8
 141 13.6 11.4 17.2



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V

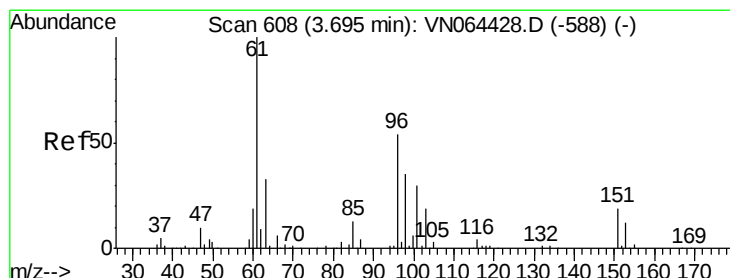
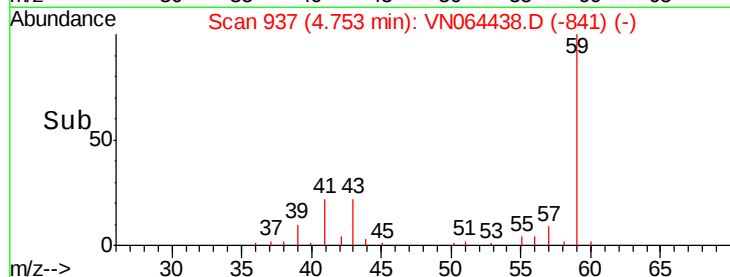
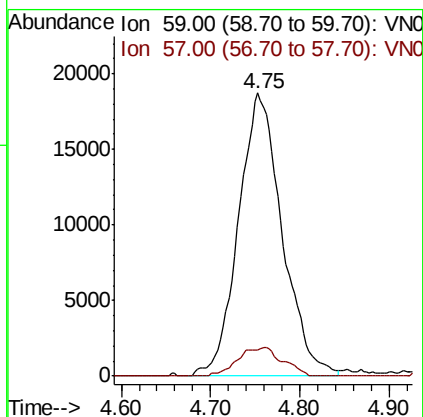
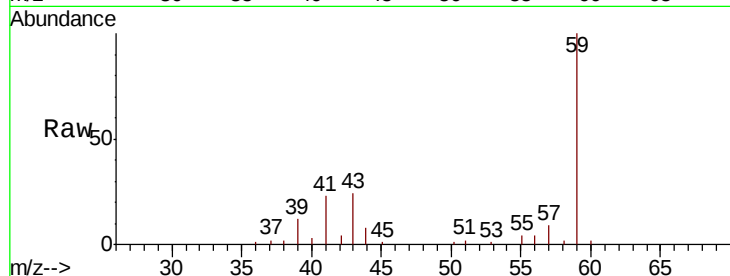




#11
Tert butyl alcohol
Concen: 105.409 ug/l
RT: 4.75 min Scan# 937
Delta R.T. 0.01 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

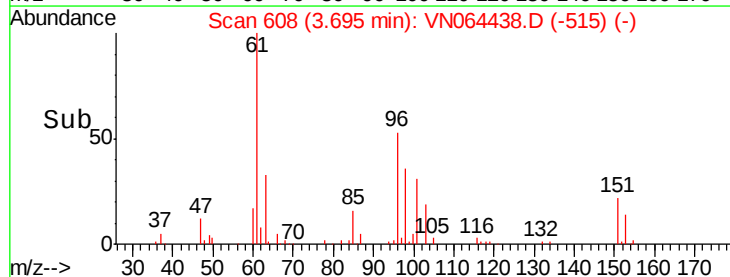
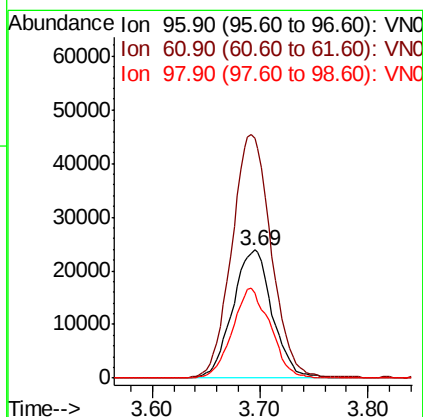
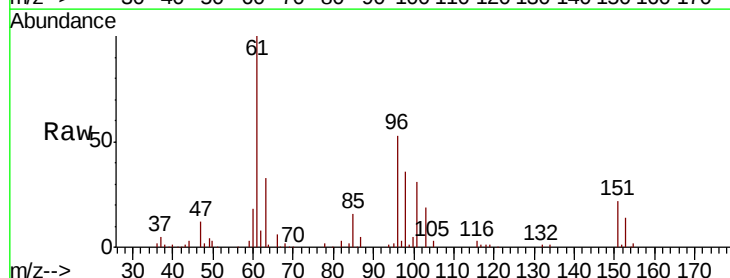
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

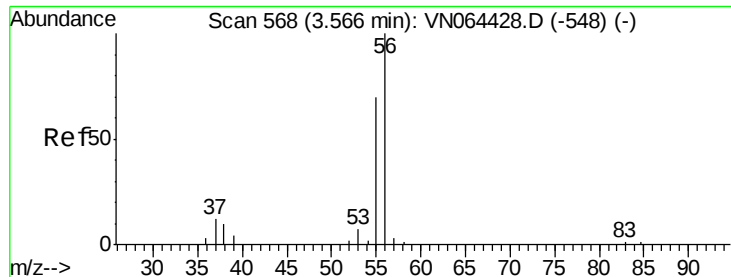
Tot Ion: 59 Resp: 63785
Ion Ratio Lower Upper
59 100
57 3.9 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 18.103 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 96 Resp: 60990
Ion Ratio Lower Upper
96 100
61 187.4 149.5 224.3
98 66.9 52.4 78.6

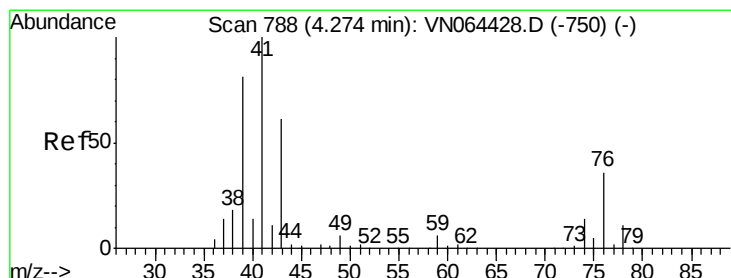
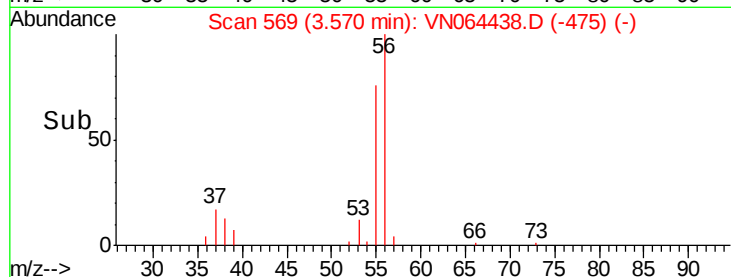
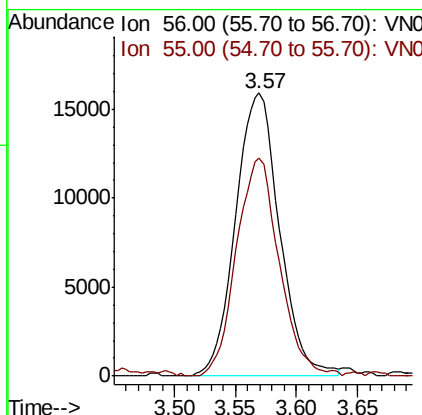
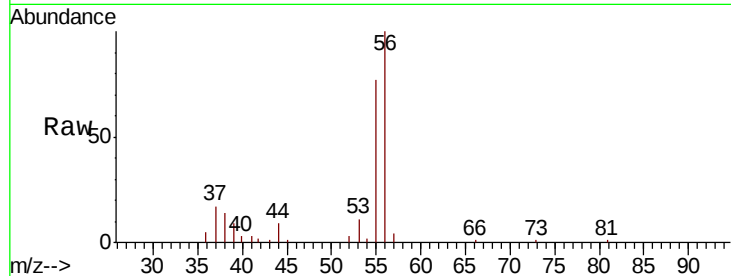




#13
Acrolein
Concen: 105.662 ug/l
RT: 3.57 min Scan# 569
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

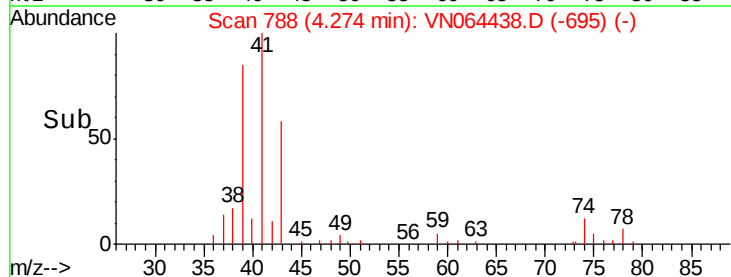
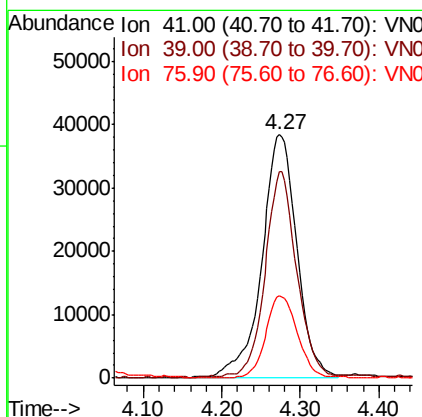
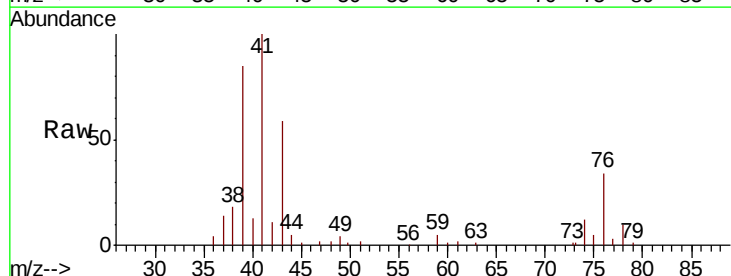
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

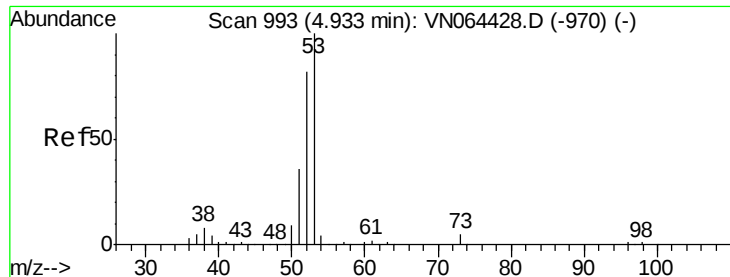
Tot Ion: 56 Resp: 39660
Ion Ratio Lower Upper
56 100
55 75.0 55.9 83.9



#14
Allyl chloride
Concen: 18.215 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 41 Resp: 120045
Ion Ratio Lower Upper
41 100
39 74.8 61.8 92.8
76 30.6 25.4 38.0





#15

Acrylonitrile

Concen: 101.625 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

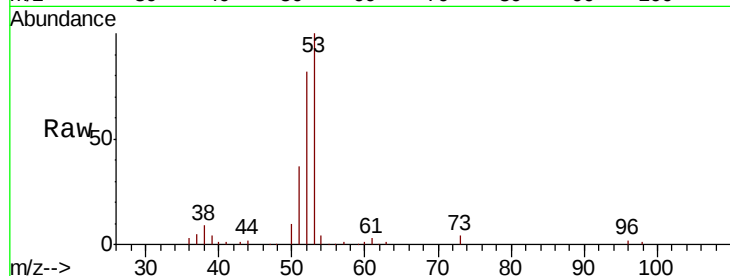
MSVOA_N

ClientSampleId :

VN1104WBSD01

Tot Ion: 53 Resp: 171209

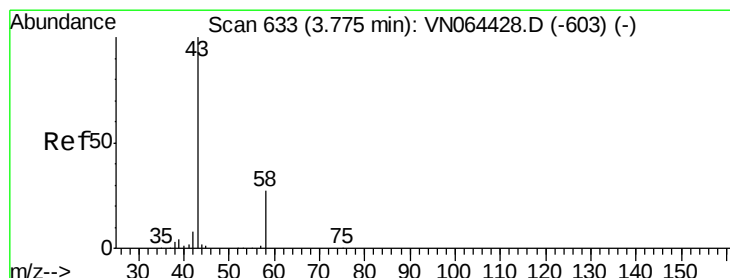
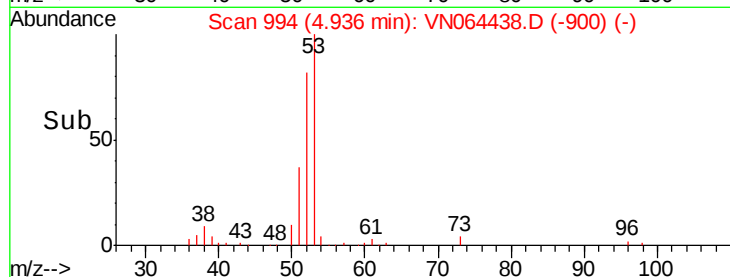
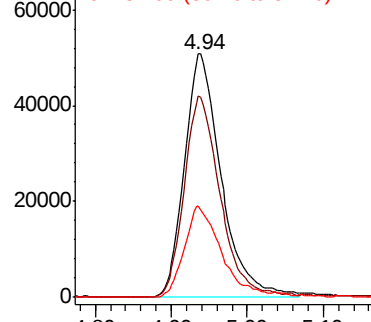
Ion	Ratio	Lower	Upper
53	100		
52	80.4	65.6	98.4
51	37.3	29.9	44.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 85.405 ug/l

RT: 3.79 min Scan# 636

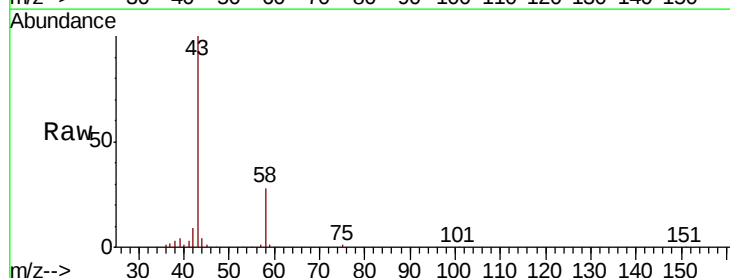
Delta R.T. 0.01 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

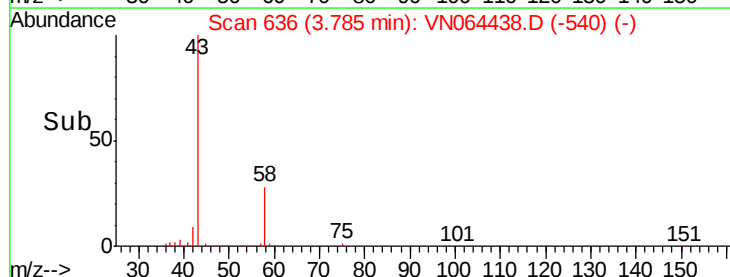
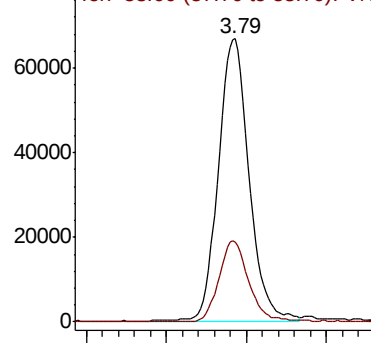
Tgt Ion: 43 Resp: 178510

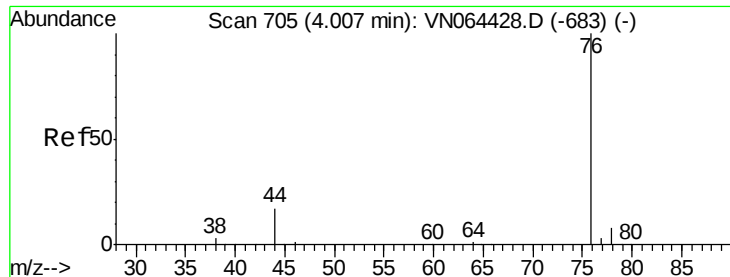
Ion	Ratio	Lower	Upper
43	100		
58	28.1	21.4	32.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

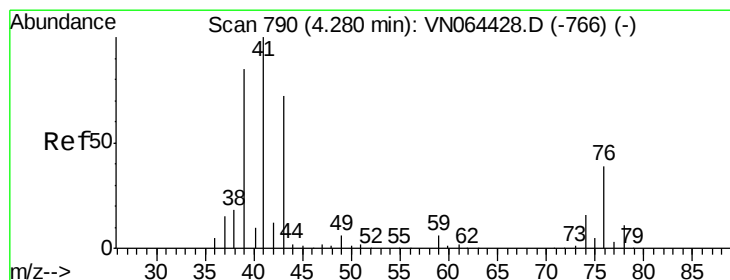
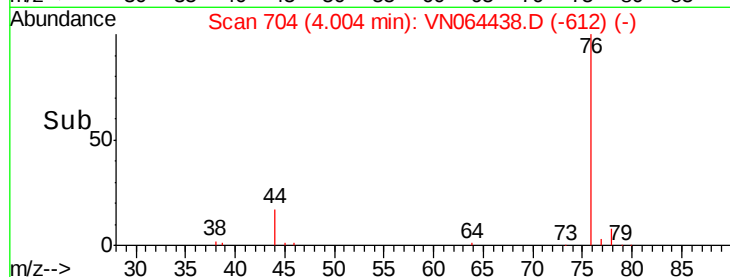
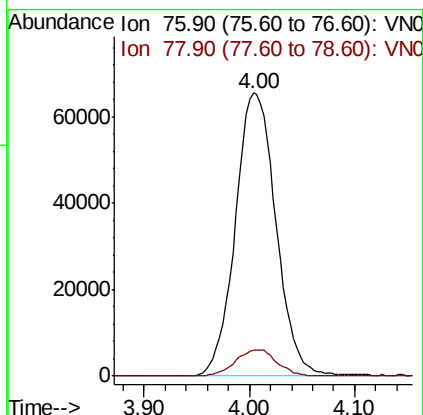
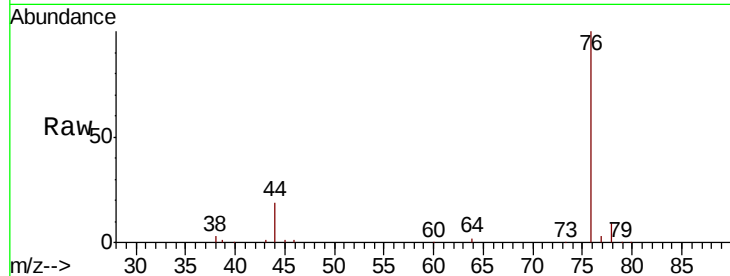




#17
Carbon Disulfide
Concen: 17.398 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

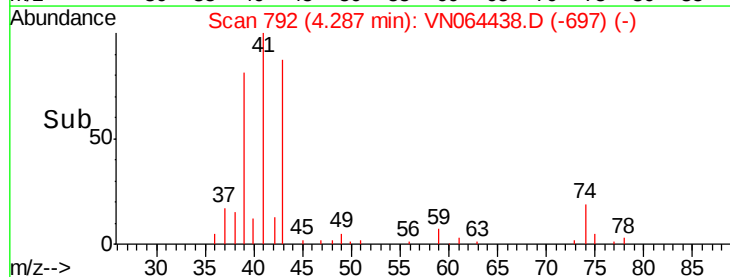
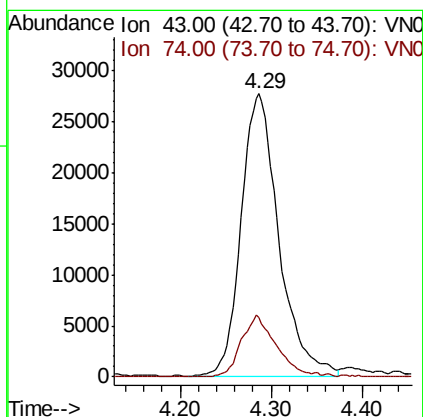
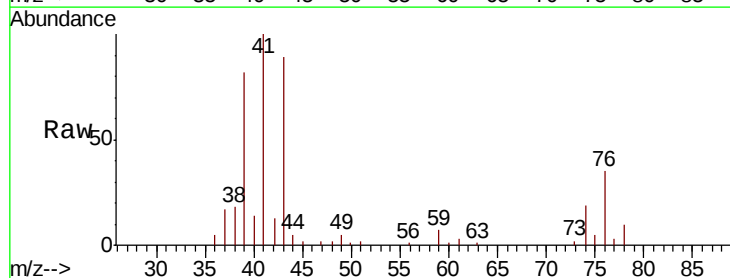
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

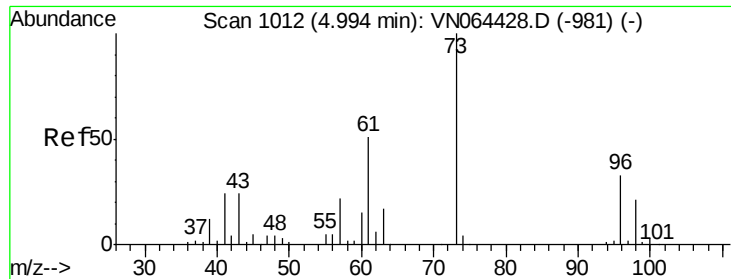
Tot Ion: 76 Resp: 175290
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 19.529 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.01 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 43 Resp: 80250
Ion Ratio Lower Upper
43 100
74 19.8 17.0 25.4

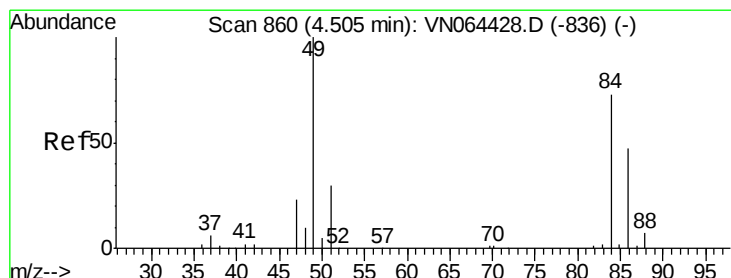
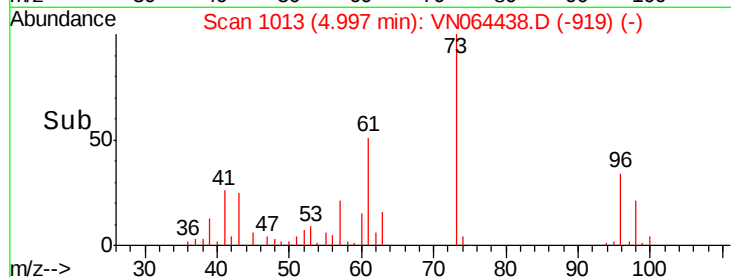
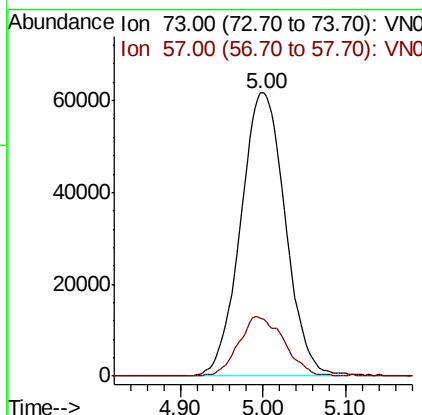
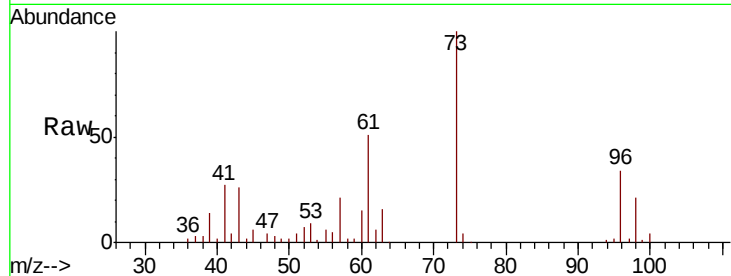




#19
Methvl tert-butvl Ether
Concen: 19.046 ug/l
RT: 5.00 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

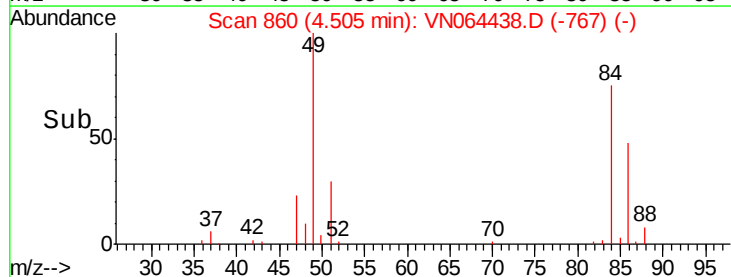
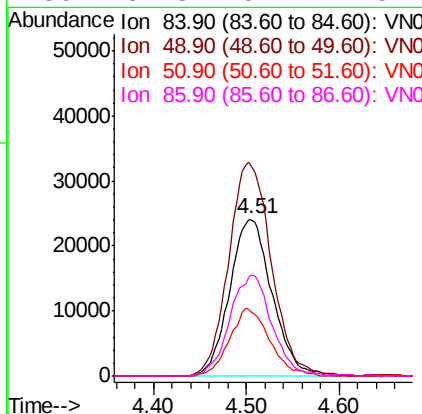
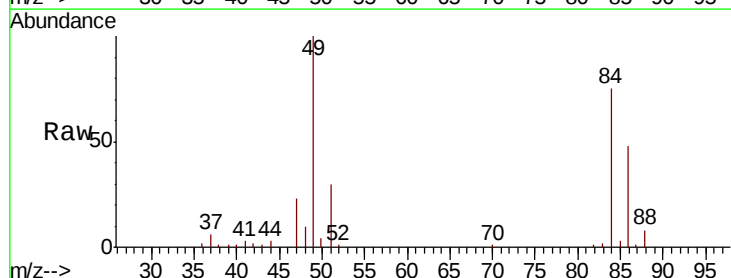
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

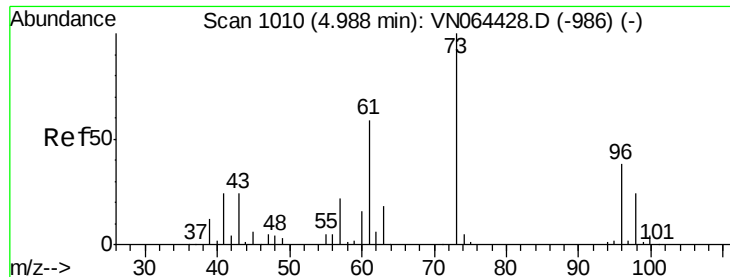
Tot Ion: 73 Resp: 230949
Ion Ratio Lower Upper
73 100
57 20.6 17.7 26.5



#20
Methylene Chloride
Concen: 18.409 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 84 Resp: 76344
Ion Ratio Lower Upper
84 100
49 134.1 110.1 165.1
51 40.7 33.6 50.4
86 64.8 52.1 78.1

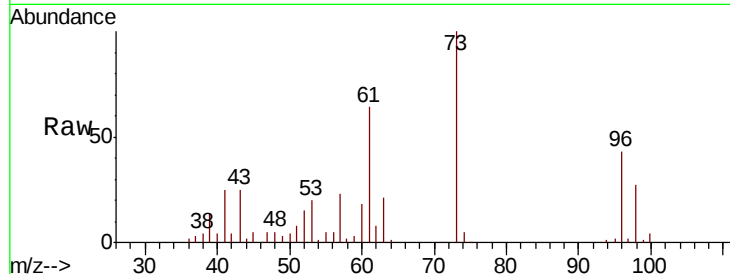




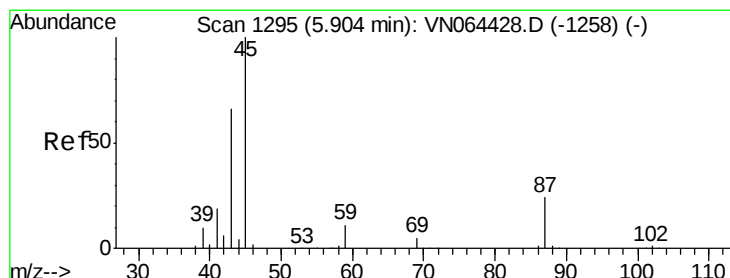
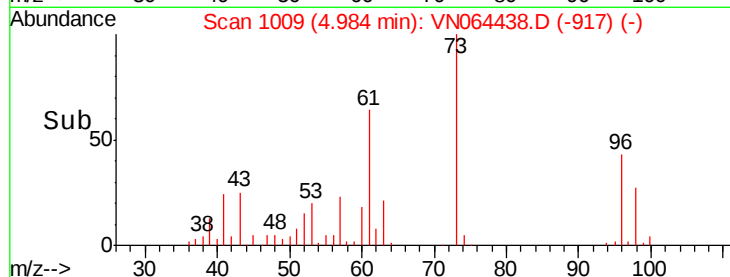
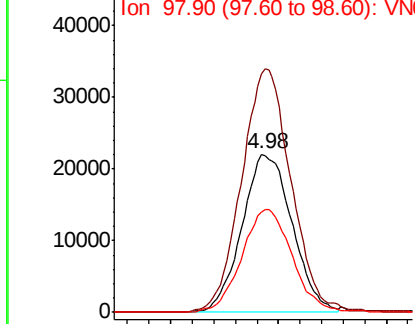
#21
trans-1,2-Dichloroethene
Concen: 18.641 ug/l
RT: 4.98 min Scan# 1009
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tot Ion: 96 Resp: 71307
Ion Ratio Lower Upper
96 100
61 150.5 122.4 183.6
98 63.6 50.4 75.6

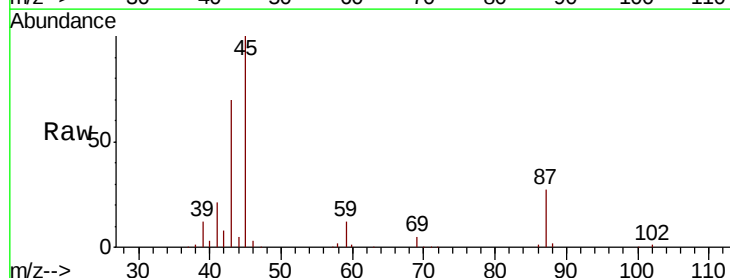


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

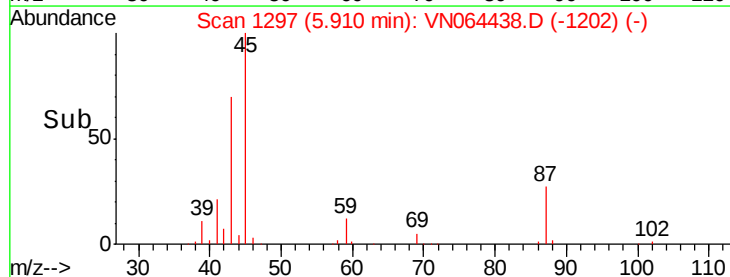
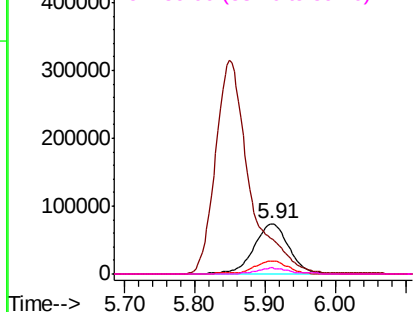


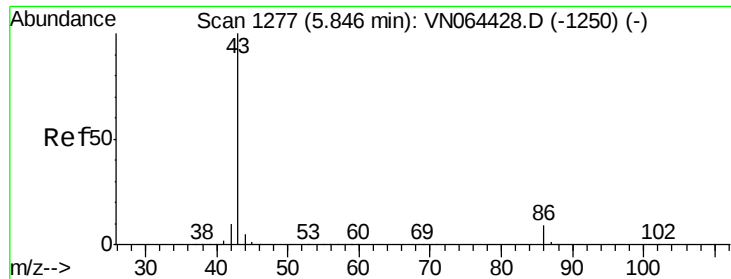
#22
Diisopropyl ether
Concen: 18.283 ug/l
RT: 5.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 45 Resp: 255779
Ion Ratio Lower Upper
45 100
43 68.2 53.2 79.8
87 26.6 19.9 29.9
59 11.5 8.6 13.0



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

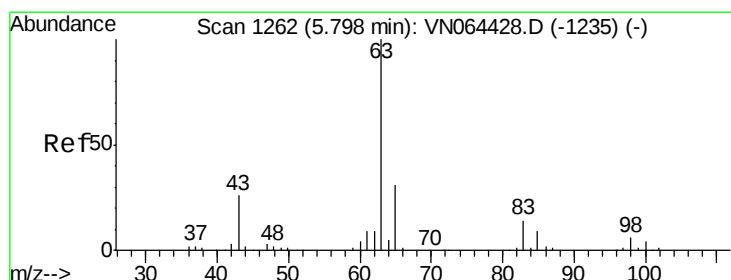
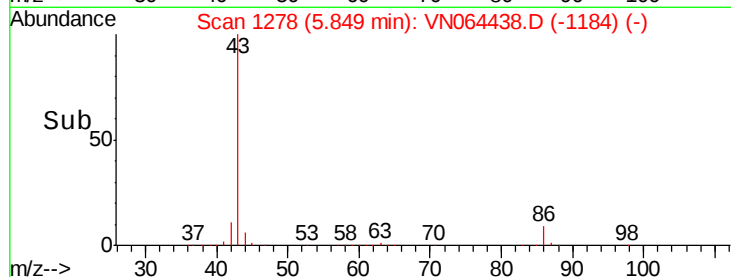
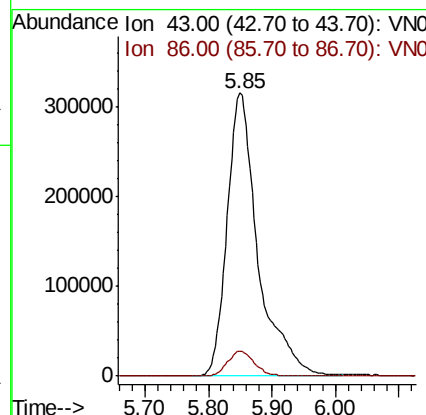
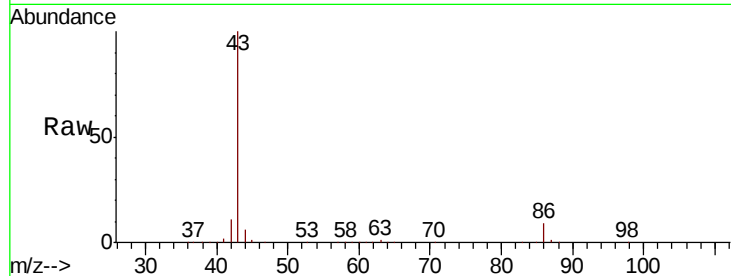




#23
 Vinyl Acetate
 Concen: 93.429 ug/l
 RT: 5.85 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

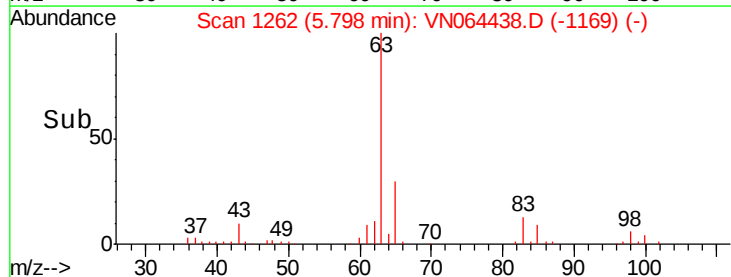
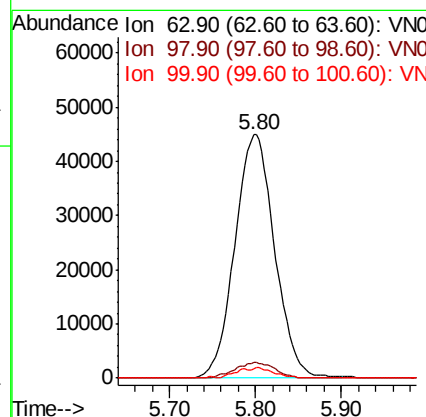
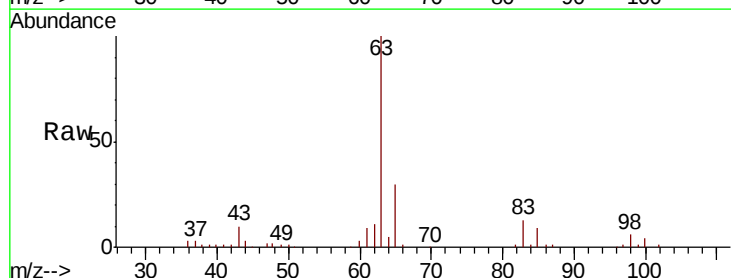
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

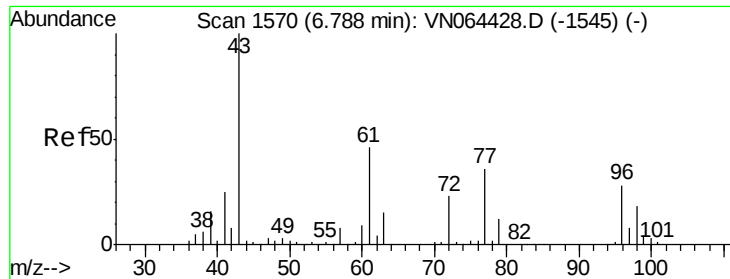
Tot Ion: 43 Resp: 1063303
 Ion Ratio Lower Upper
 43 100
 86 8.9 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 18.741 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 63 Resp: 144074
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.0 9.2
 100 3.9 1.8 5.3





#25

2-Butanone

Concen: 95.214 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

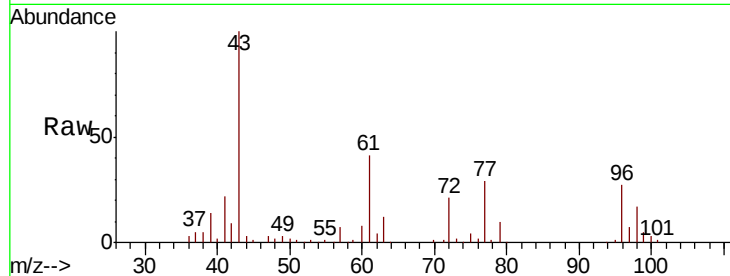
VN1104WBSD01

Tot Ion: 43 Resp: 253570

Ion Ratio Lower Upper

43 100

72 21.5 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.79

80000

60000

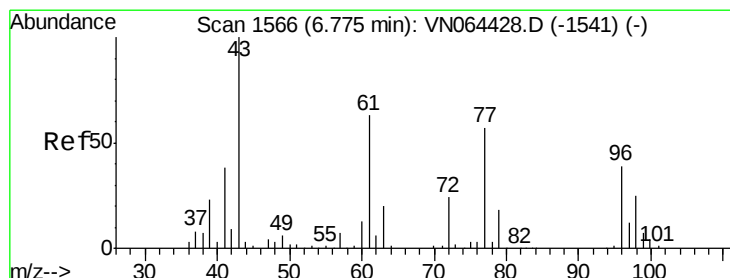
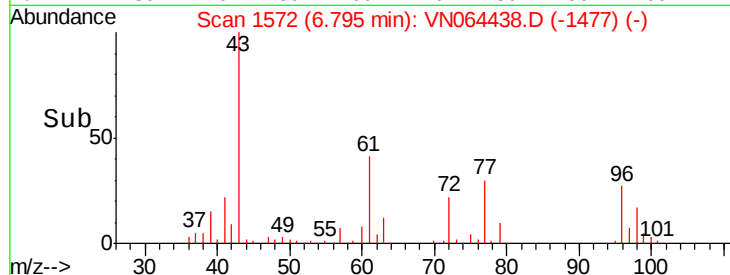
40000

20000

0

6.70 6.75 6.80 6.85

Time-->



#26

2,2-Dichloropropane

Concen: 17.274 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064438.D

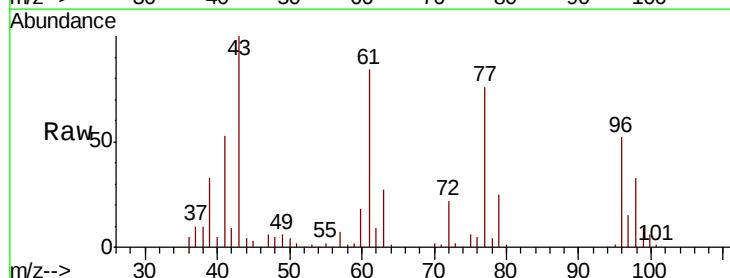
Acq: 4 Nov 2020 16:00

Tgt Ion: 77 Resp: 120214

Ion Ratio Lower Upper

77 100

97 21.1 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.78

40000

30000

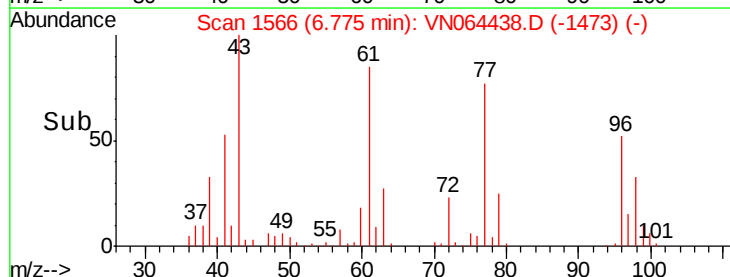
20000

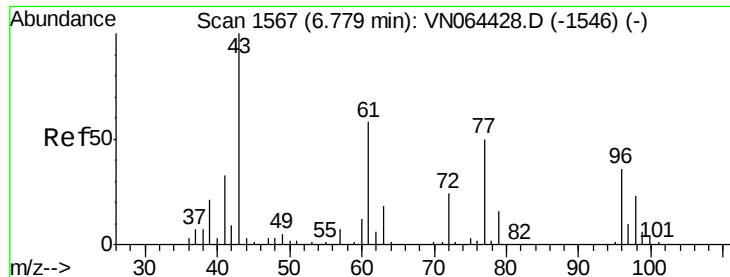
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 18.587 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

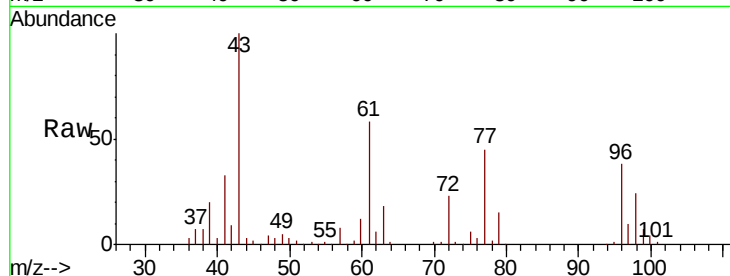
Tot Ion: 96 Resp: 82389

Ion Ratio Lower Upper

96 100

61 160.9 0.0 329.6

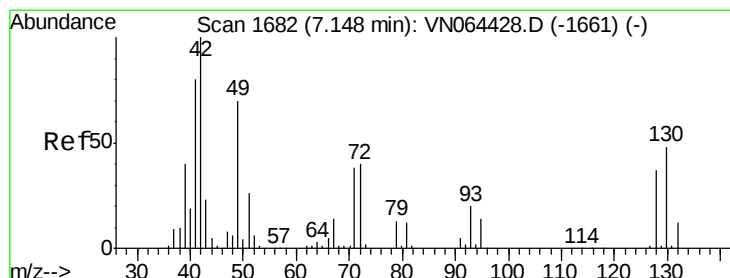
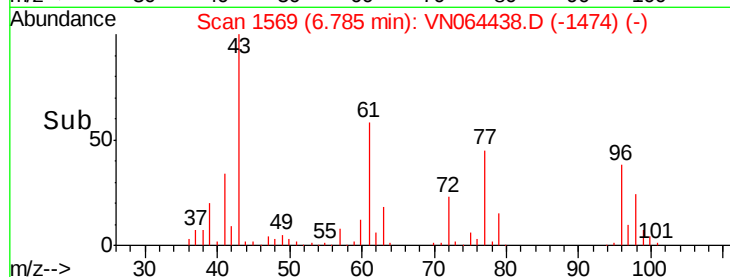
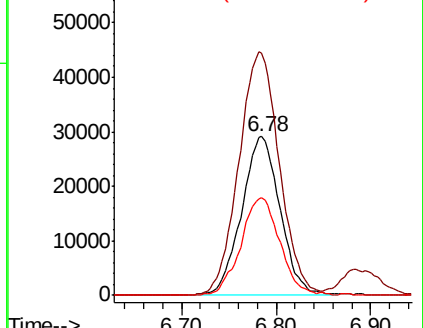
98 61.8 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064438.D (-1546) (-)

Ion 60.90 (60.60 to 61.60): VN064438.D (-1546) (-)

Ion 97.90 (97.60 to 98.60): VN064438.D (-1546) (-)



#28

Bromochloromethane

Concen: 17.564 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

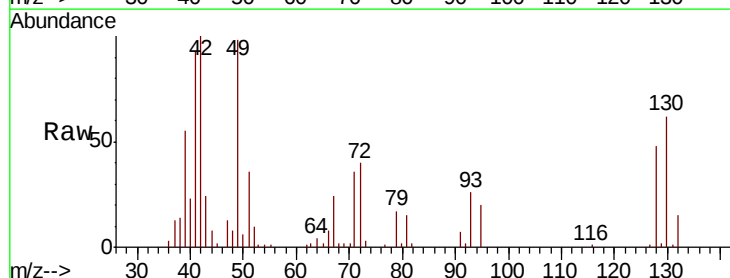
Tgt Ion: 49 Resp: 66370

Ion Ratio Lower Upper

49 100

129 0.5 0.0 3.6

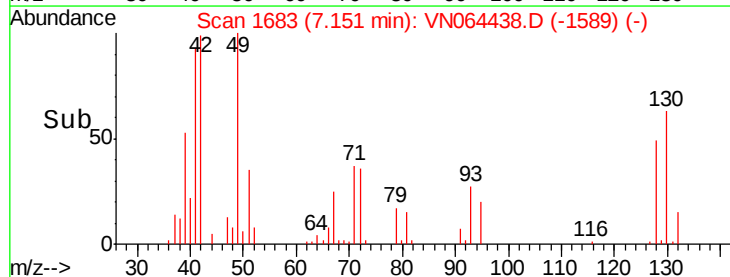
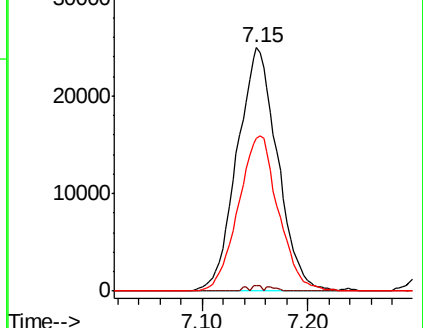
130 63.3 54.2 81.4

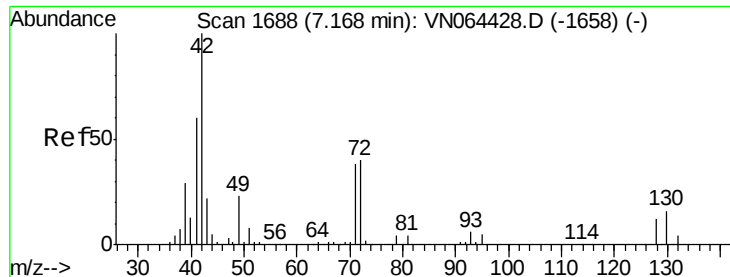


Abundance Ion 48.90 (48.60 to 49.60): VN064438.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064438.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064438.D (-1589) (-)





#29

Tetrahydrofuran

Concen: 98.521 ug/l

RT: 7.17 min Scan# 1690

Delta R.T. 0.01 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

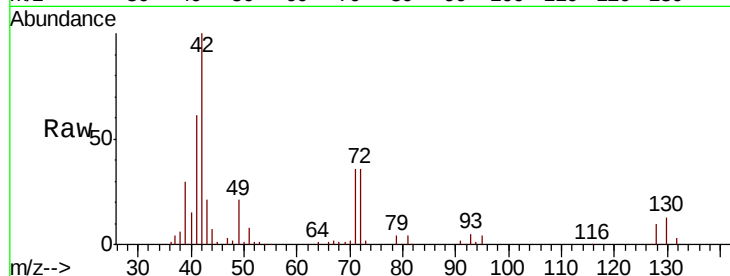
Tot Ion: 42 Resp: 160974

Ion Ratio Lower Upper

42 100

72 38.7 31.7 47.5

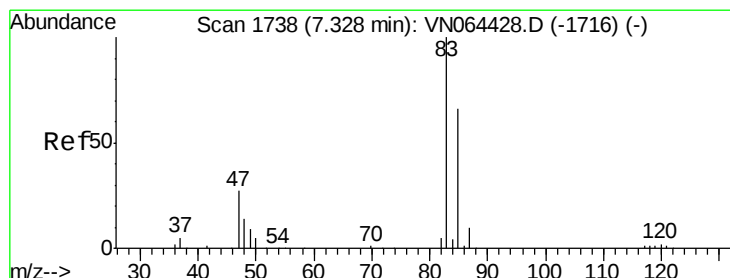
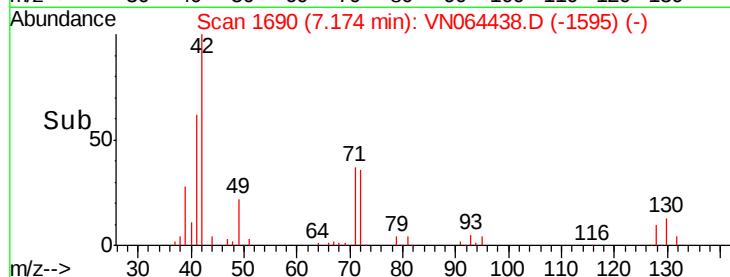
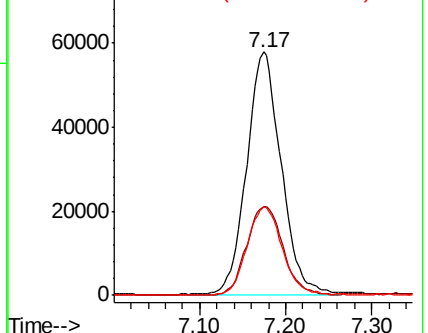
71 37.3 29.8 44.6



Abundance Ion 42.00 (41.70 to 42.70): VN064428.D (-1658) (-)

Ion 72.00 (71.70 to 72.70): VN064428.D (-1658) (-)

Ion 71.00 (70.70 to 71.70): VN064428.D (-1658) (-)



#30

Chloroform

Concen: 18.356 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064438.D

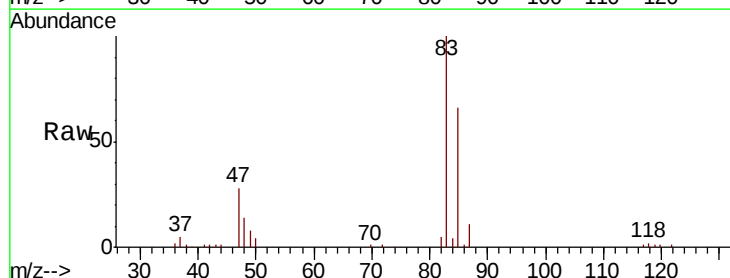
Acq: 4 Nov 2020 16:00

Tgt Ion: 83 Resp: 148335

Ion Ratio Lower Upper

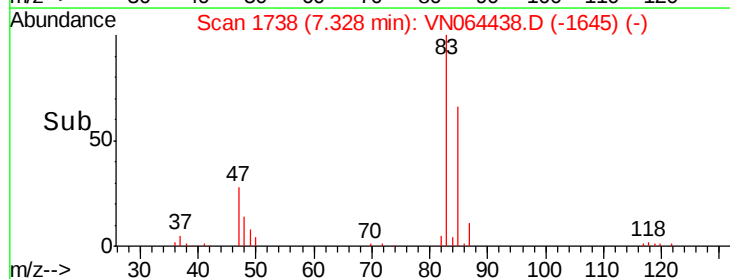
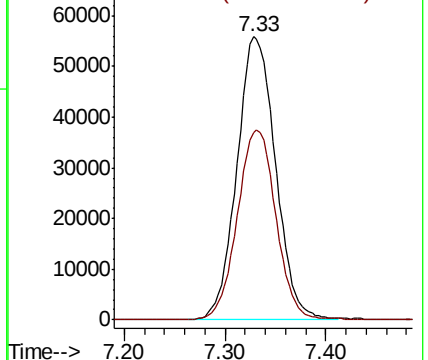
83 100

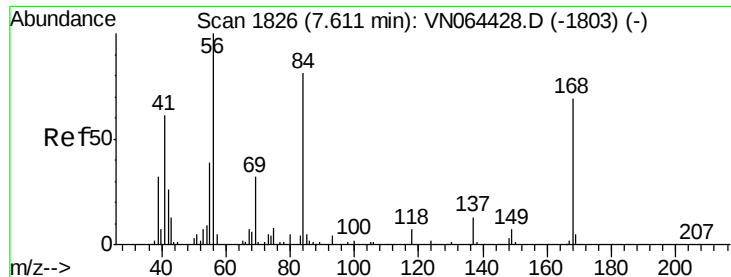
85 66.2 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN064428.D (-1716) (-)

Ion 84.90 (84.60 to 85.60): VN064428.D (-1716) (-)

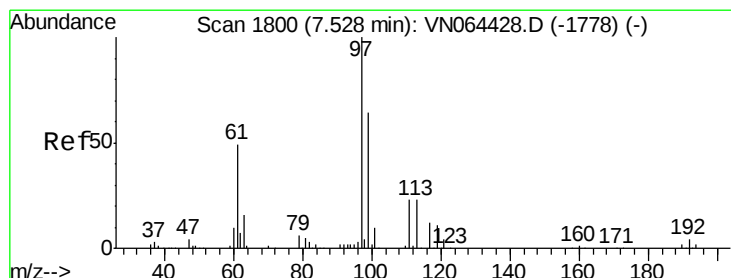
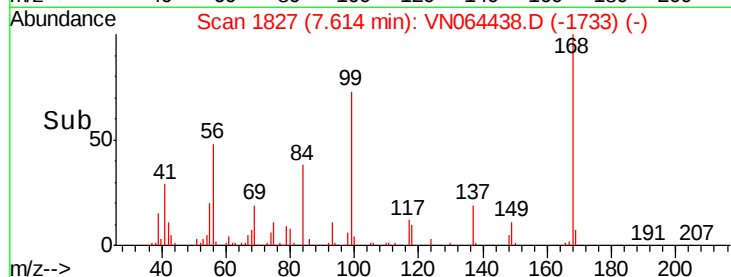
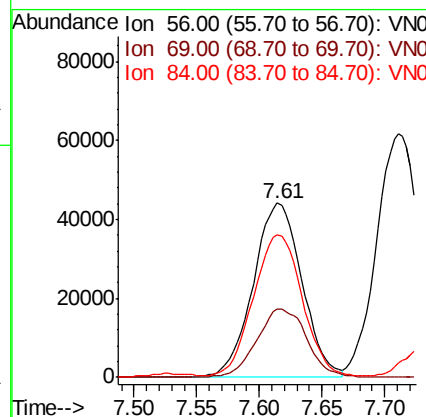
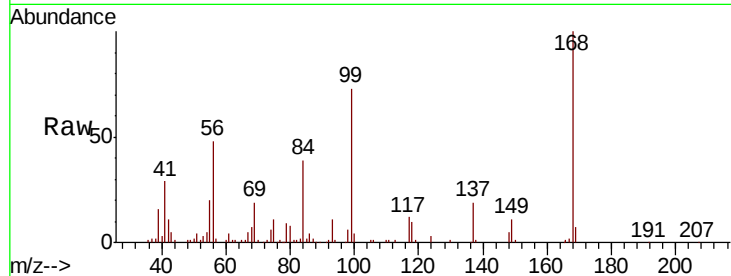




#31
Cyclohexane
Concen: 17.918 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

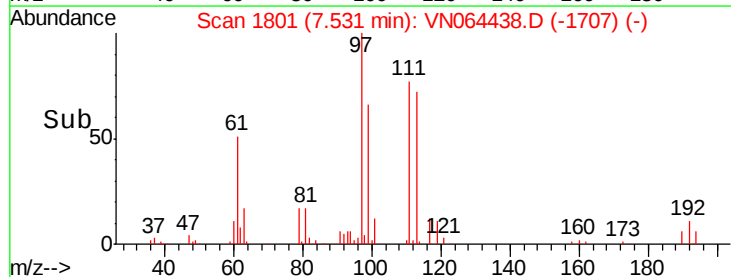
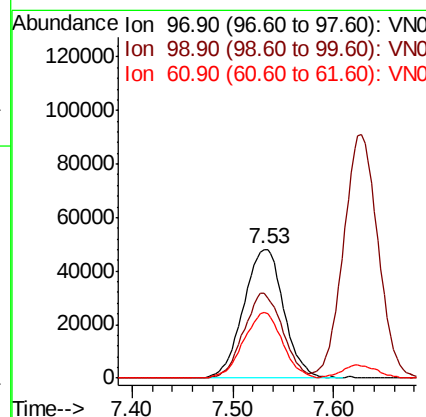
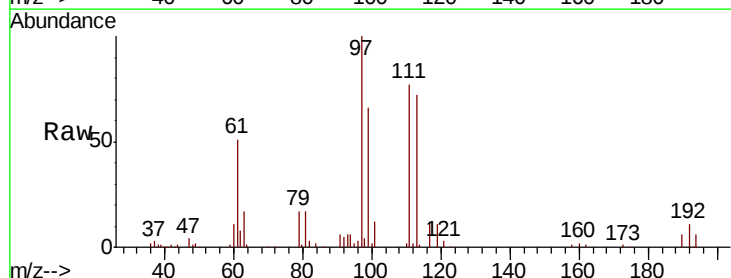
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

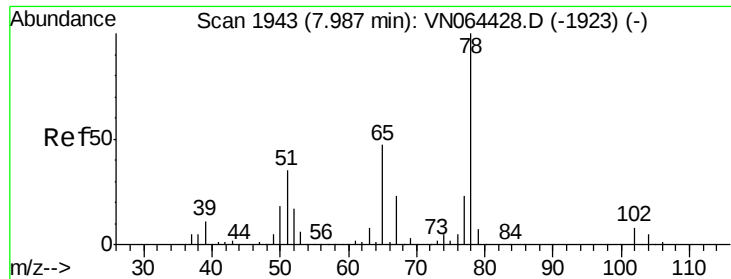
Tot Ion: 56 Resp: 119517
Ion Ratio Lower Upper
56 100
69 39.2 25.6 38.4#
84 80.6 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 18.515 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 97 Resp: 132705
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 49.2 39.1 58.7

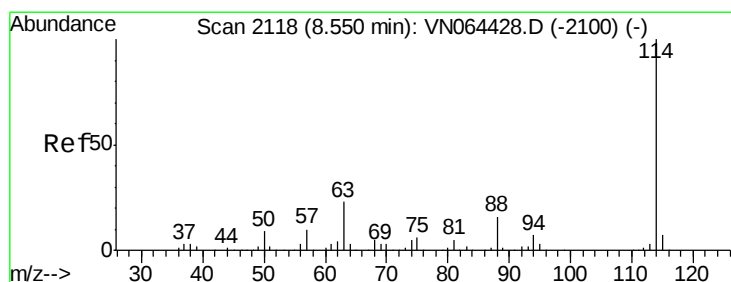
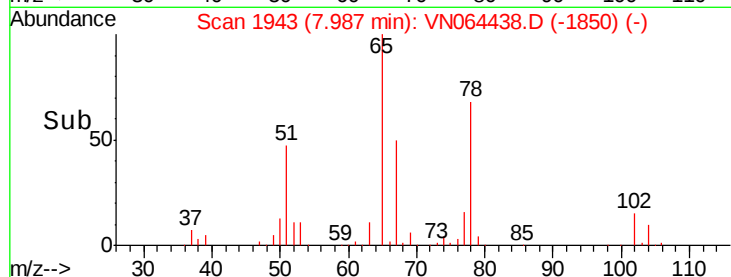
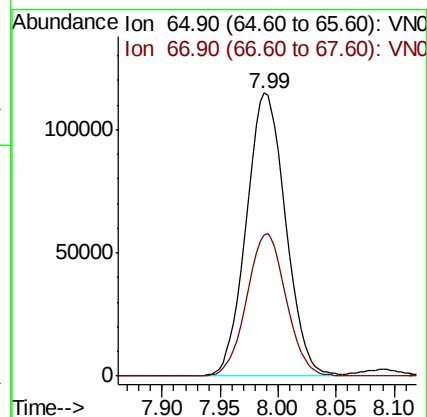
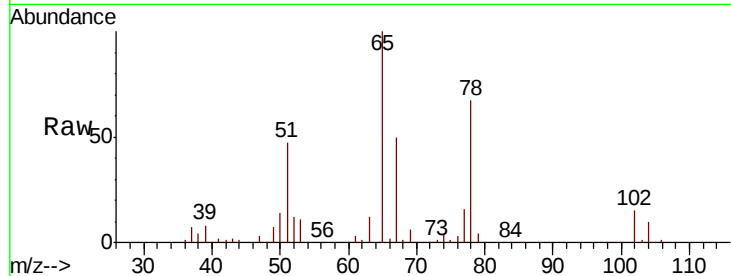




#33
 1,2-Dichloroethane-d4
 Concen: 49.497 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

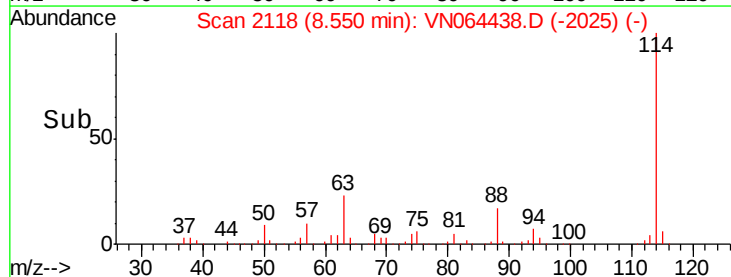
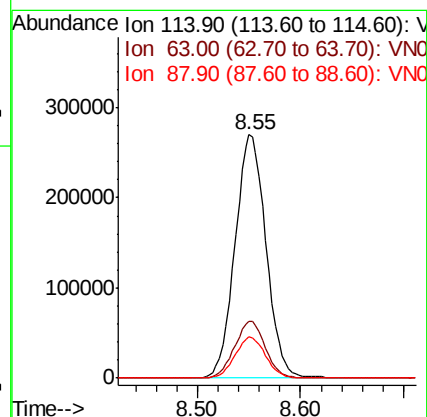
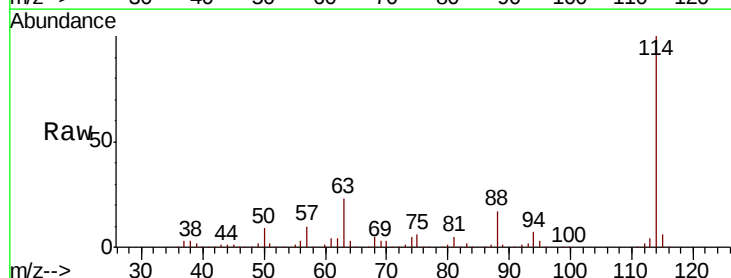
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

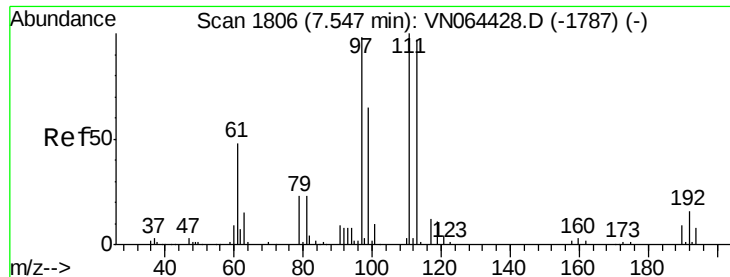
Tot Ion: 65 Resp: 271598
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 114 Resp: 563386
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.6
 88 16.9 0.0 32.8

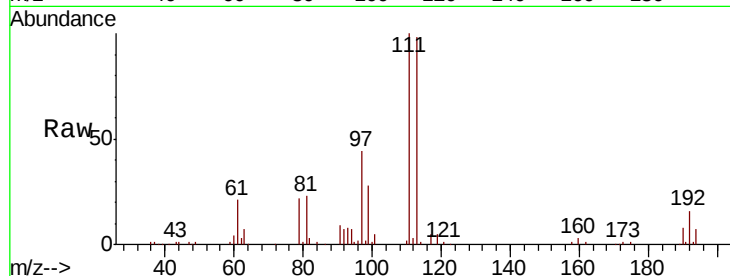




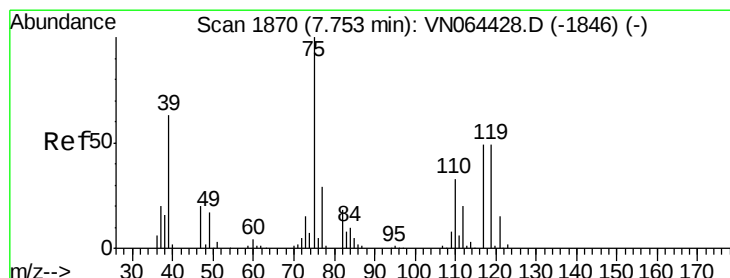
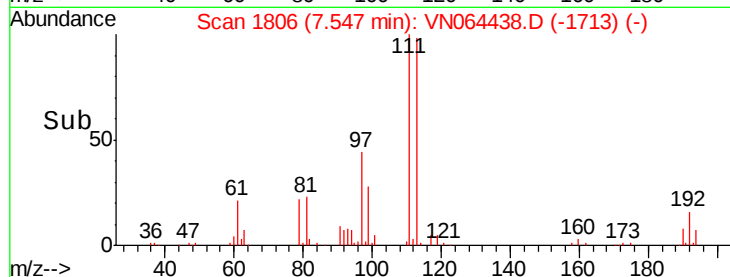
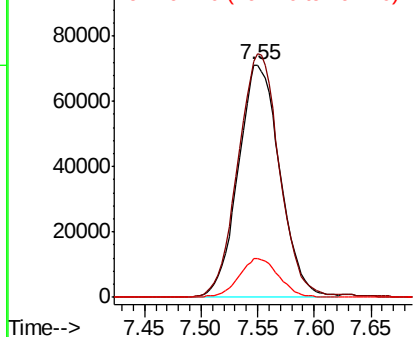
#35
 Dibromofluoromethane
 Concen: 47.565 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

Tot Ion:113 Resp: 182453
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.1 121.7
 192 15.9 12.8 19.2

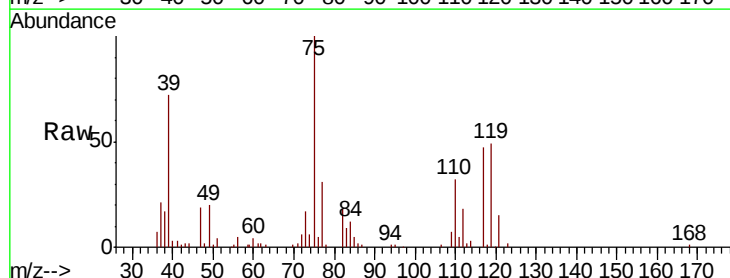


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

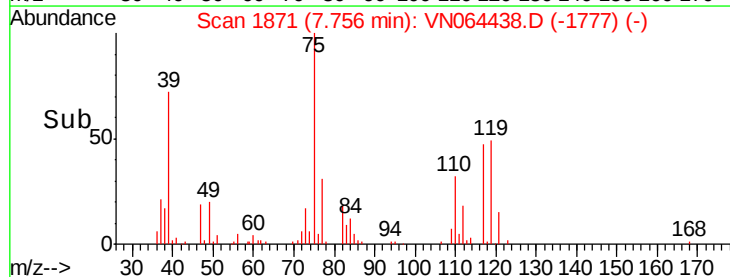
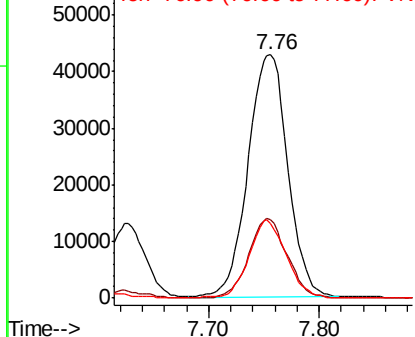


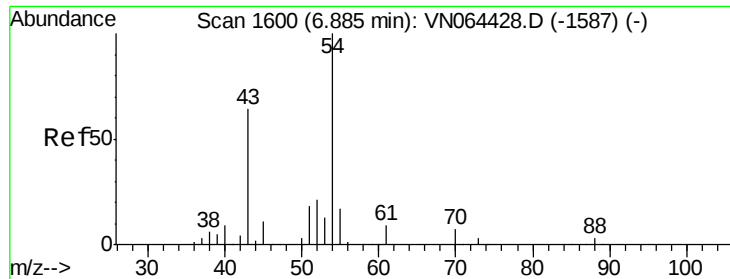
#36
 1,1-Dichloropropene
 Concen: 17.974 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 75 Resp: 106977
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.0 48.0
 77 30.2 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

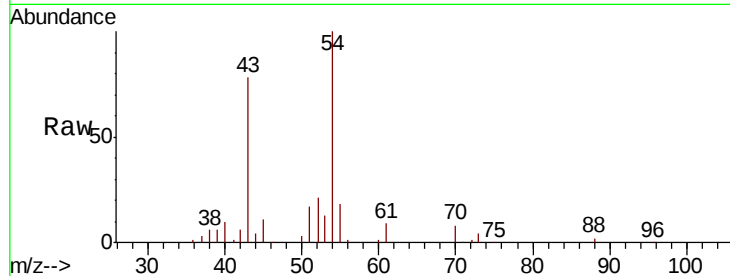




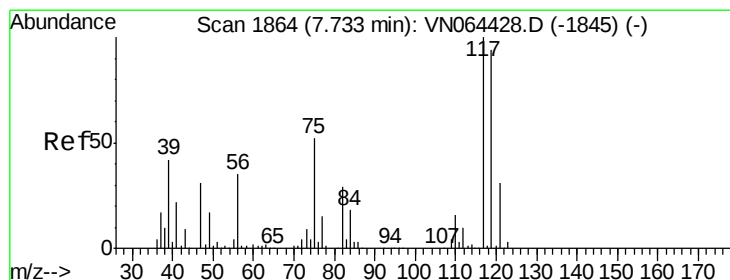
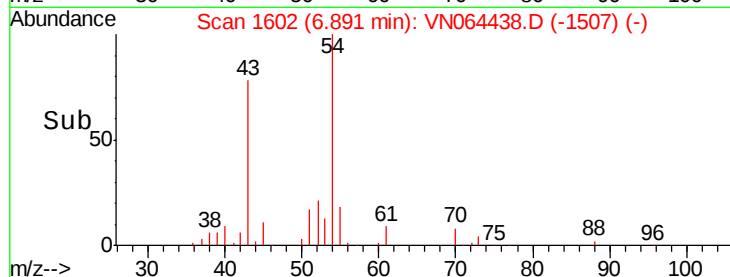
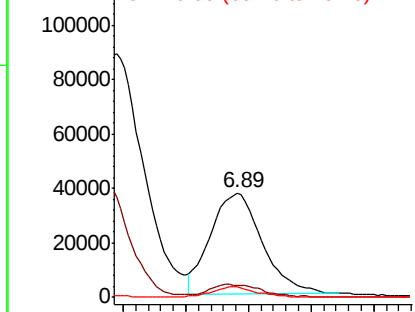
#37
Ethyl Acetate
Concen: 18.165 ug/l
RT: 6.89 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Instrument :
MSVOA_N
ClientSampleID :
VN1104WBSD01

Tot Ion: 43 Resp: 106749
Ion Ratio Lower Upper
43 100
61 11.8 10.0 15.0
70 9.1 7.1 10.7

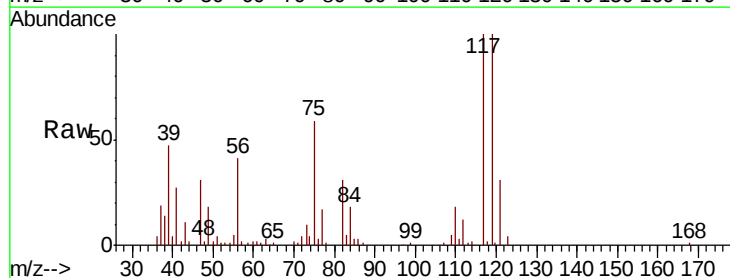


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

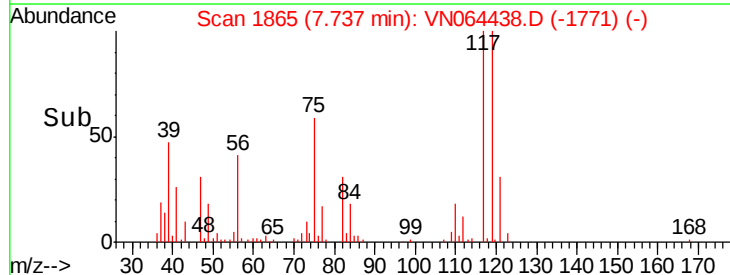
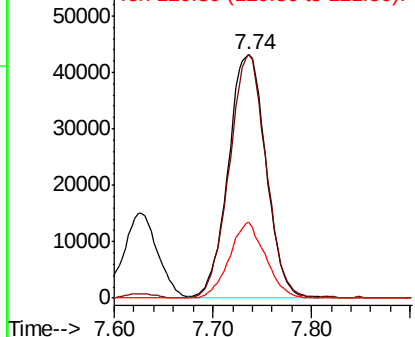


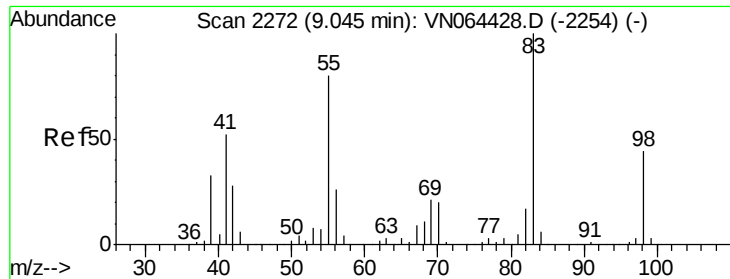
#38
Carbon Tetrachloride
Concen: 18.072 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 117 Resp: 114956
Ion Ratio Lower Upper
117 100
119 100.1 75.5 113.3
121 31.3 24.4 36.6



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

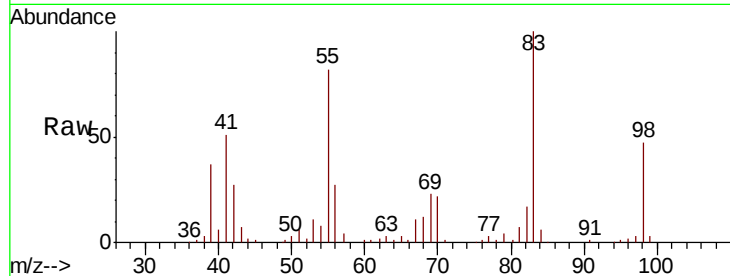




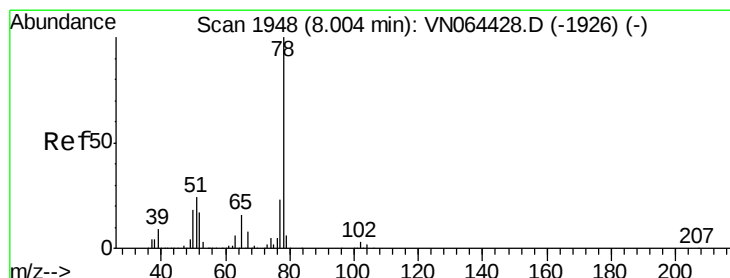
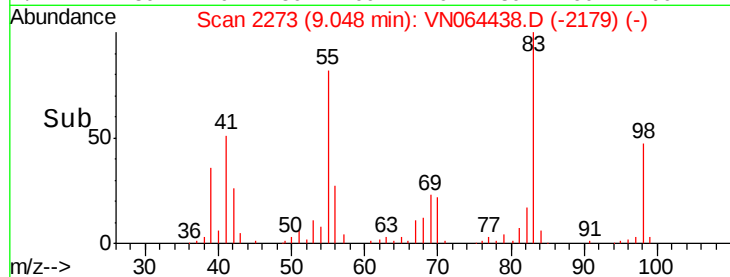
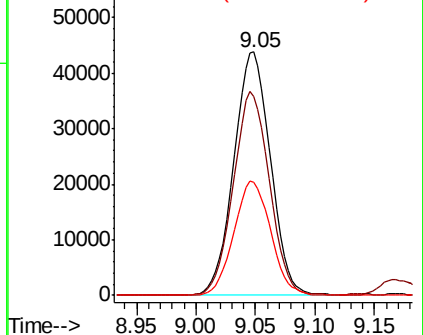
#39
Methvlcvclohexane
Concen: 17.534 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tot Ion: 83 Resp: 93553
Ion Ratio Lower Upper
83 100
55 81.9 63.8 95.6
98 46.6 35.4 53.2

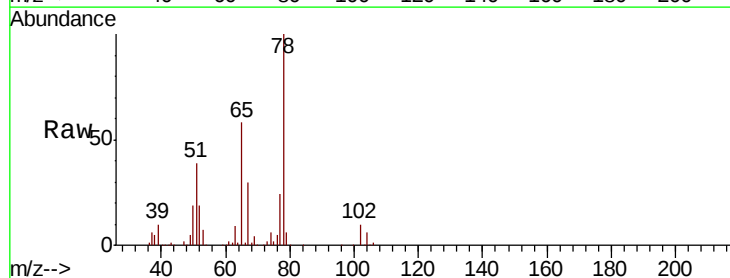


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

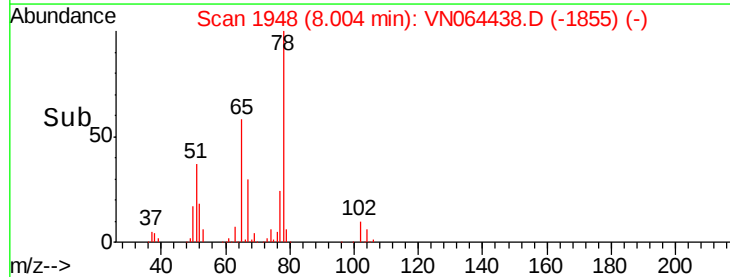
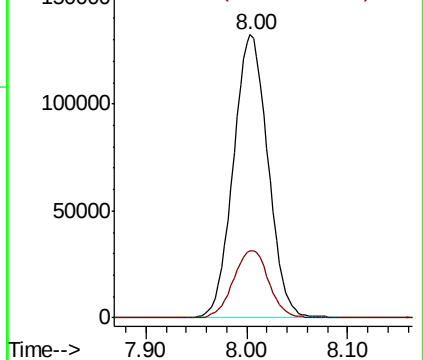


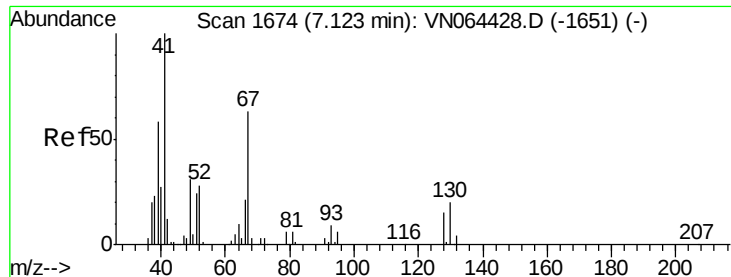
#40
Benzene
Concen: 17.983 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 78 Resp: 314511
Ion Ratio Lower Upper
78 100
77 23.8 18.7 28.1



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

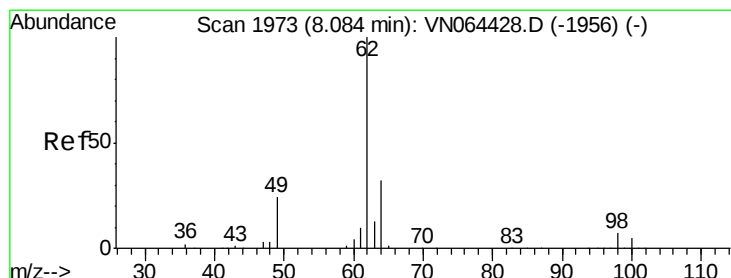
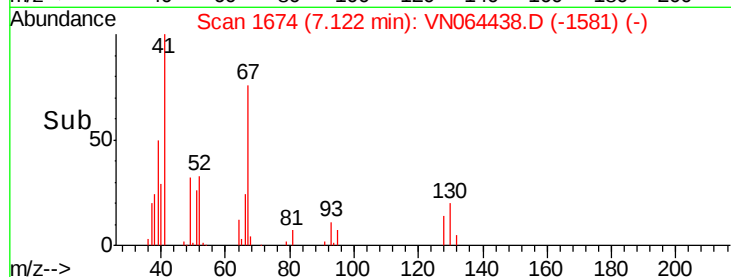
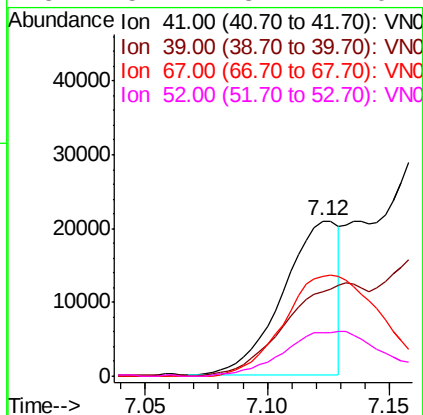
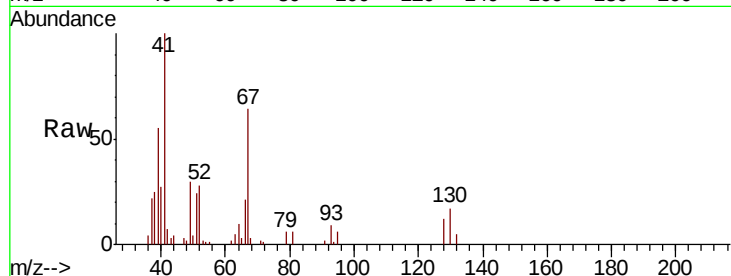




#41
Methacrylonitrile
Concen: 12.460 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

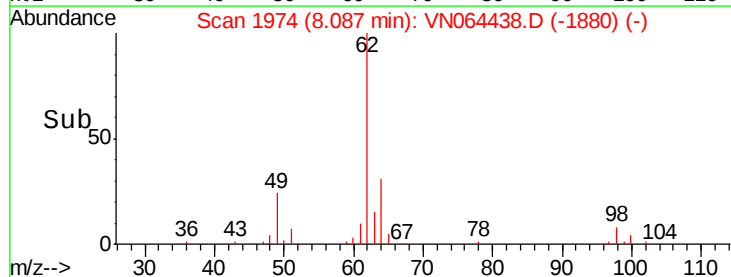
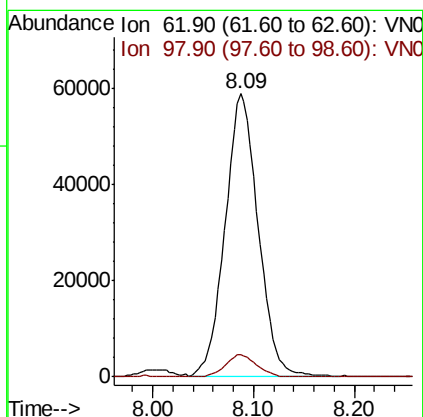
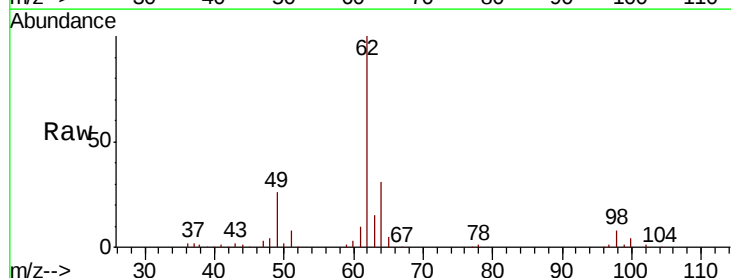
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

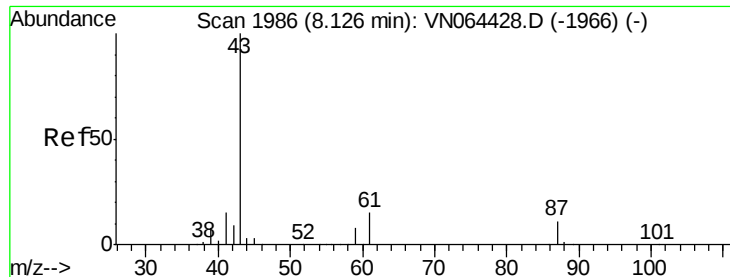
Tot Ion: 41 Resp: 32878
Ion Ratio Lower Upper
41 100
39 87.8 50.0 75.0#
67 117.8 68.3 102.5#
52 54.2 32.7 49.1#



#42
1,2-Dichloroethane
Concen: 18.905 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 62 Resp: 133434
Ion Ratio Lower Upper
62 100
98 7.4 0.0 14.0





#43

Isopropyl Acetate

Concen: 18.553 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

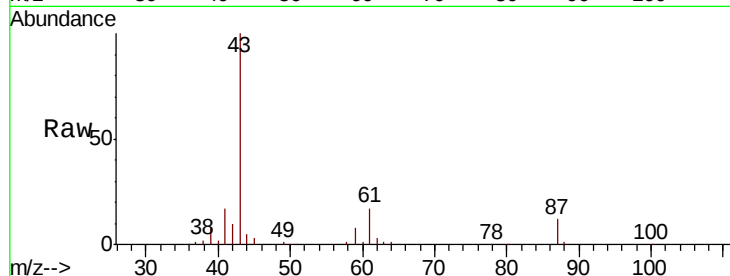
Tot Ion: 43 Resp: 178947

Ion Ratio Lower Upper

43 100

61 17.4 14.0 21.0

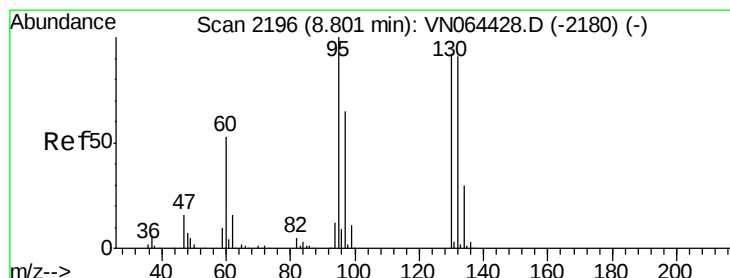
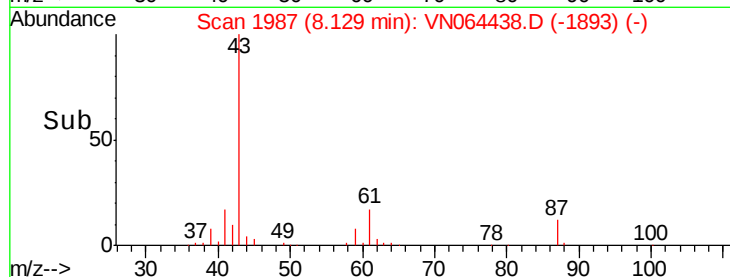
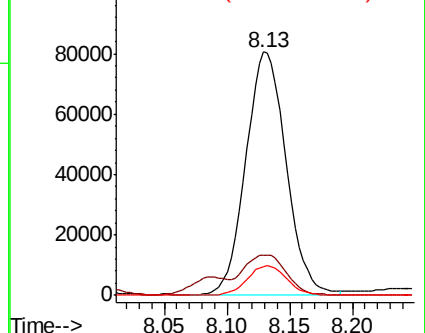
87 12.1 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)



#44

Trichloroethene

Concen: 17.932 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064438.D

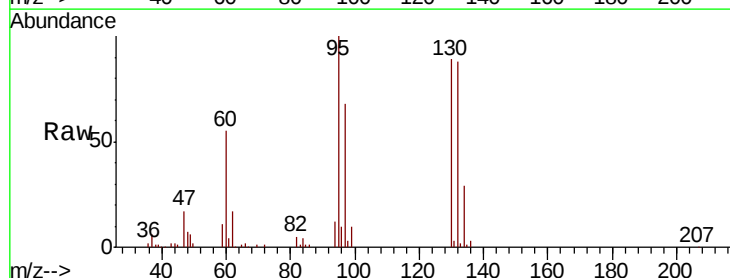
Acq: 4 Nov 2020 16:00

Tgt Ion:130 Resp: 79126

Ion Ratio Lower Upper

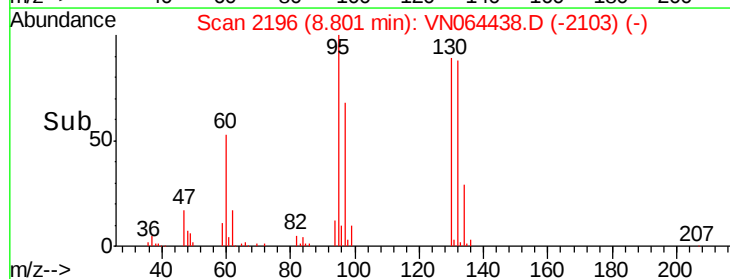
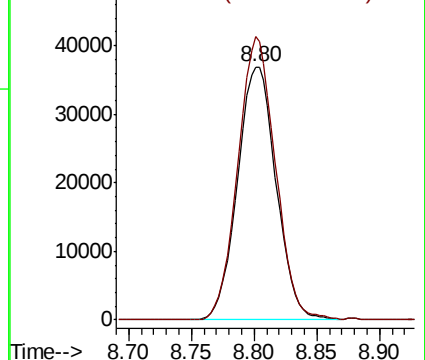
130 100

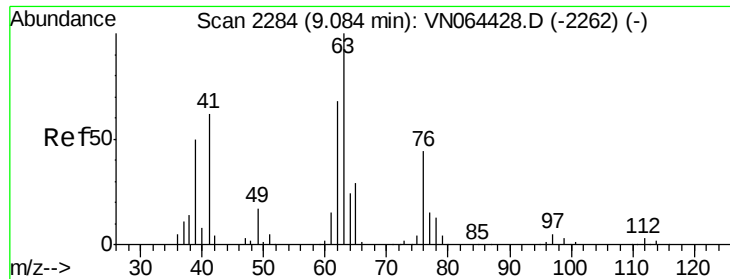
95 111.8 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)

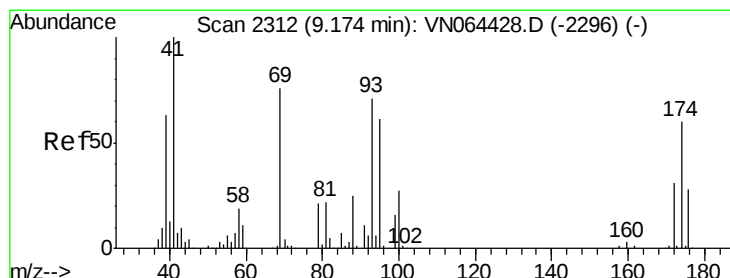
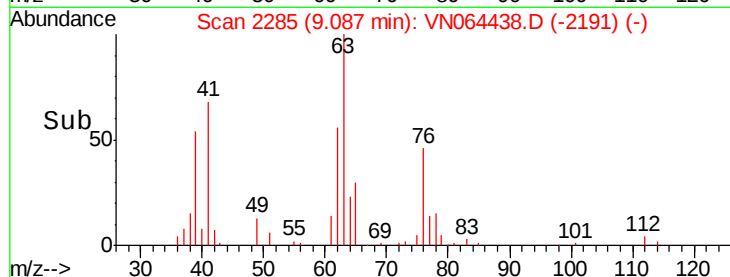
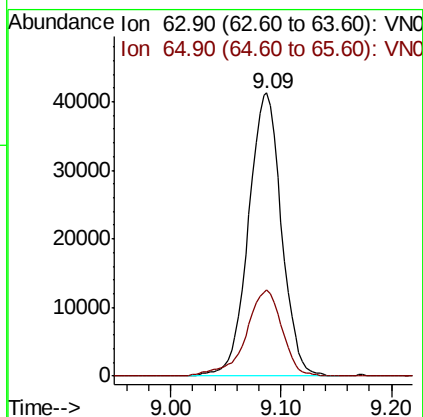
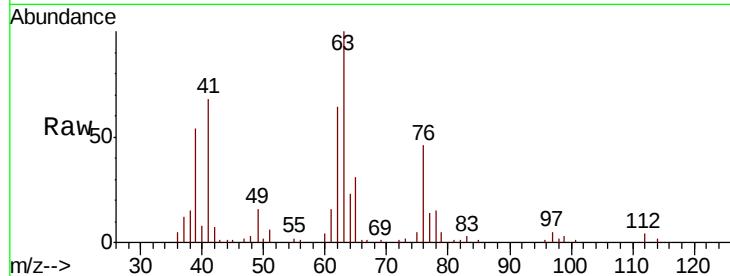




#45
 1,2-Dichloropropane
 Concen: 18.314 ug/l
 RT: 9.09 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

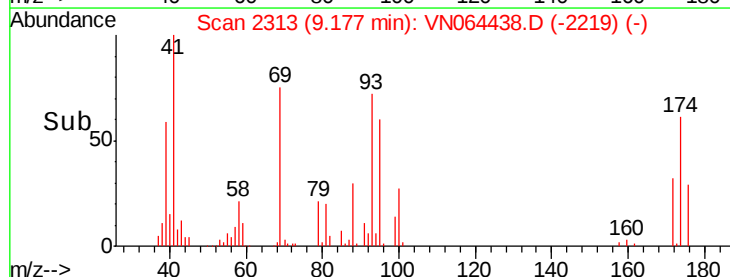
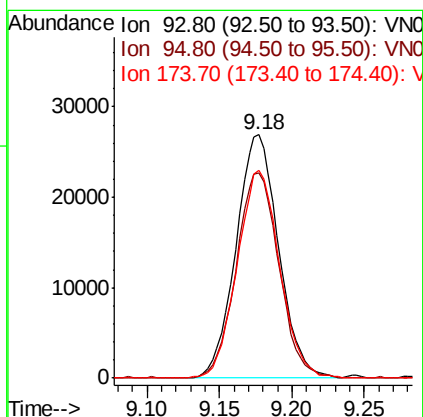
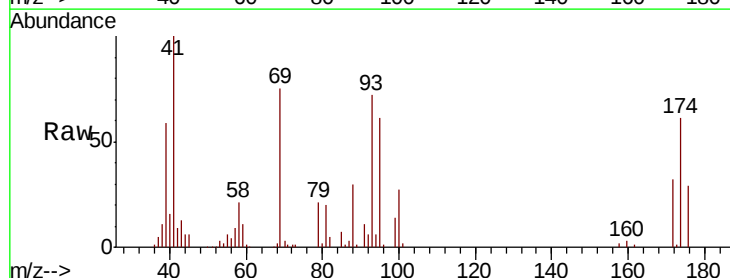
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

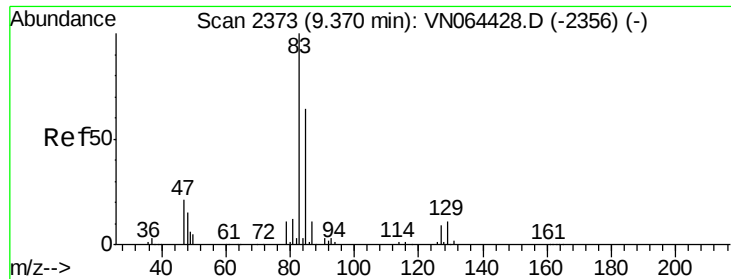
Tot Ion: 63 Resp: 85464
 Ion Ratio Lower Upper
 63 100
 65 30.7 23.6 35.4



#46
 Dibromomethane
 Concen: 17.886 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 93 Resp: 54944
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.4 99.6
 174 85.2 67.2 100.8





#47

Bromodichloromethane

Concen: 18.116 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

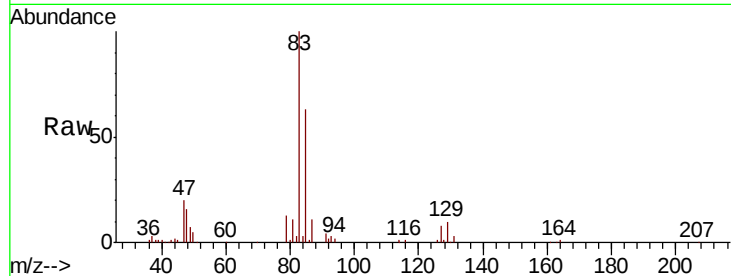
Tot Ion: 83 Resp: 119664

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

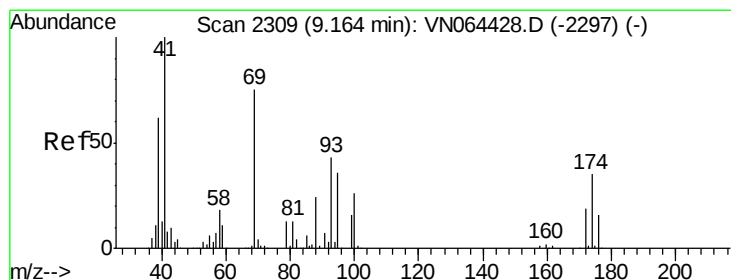
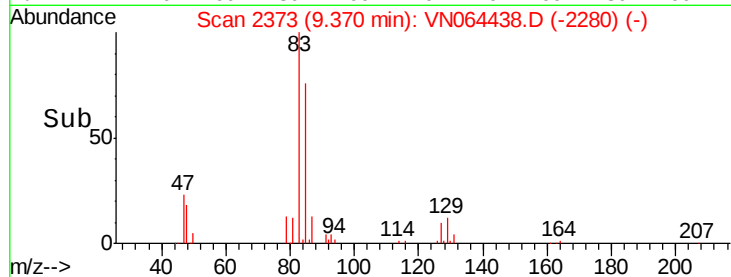
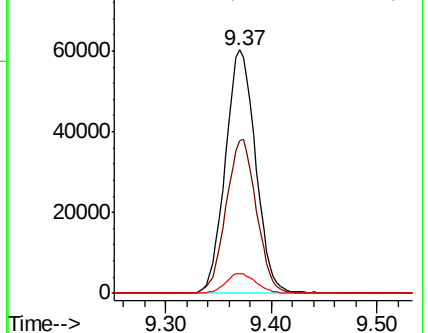
127 8.3 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064438.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064438.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064438.D (-2280) (-)



#48

Methyl methacrylate

Concen: 18.638 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

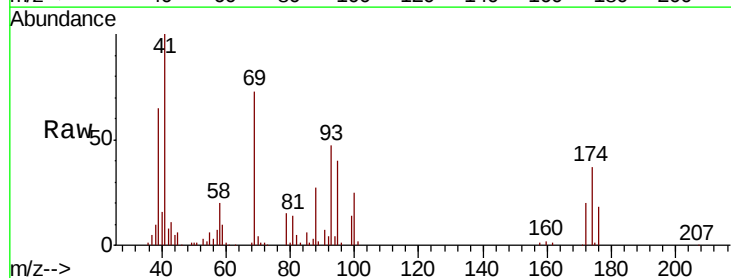
Tgt Ion: 41 Resp: 90714

Ion Ratio Lower Upper

41 100

69 73.3 60.4 90.6

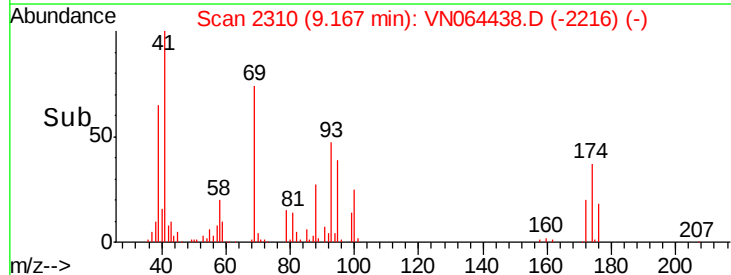
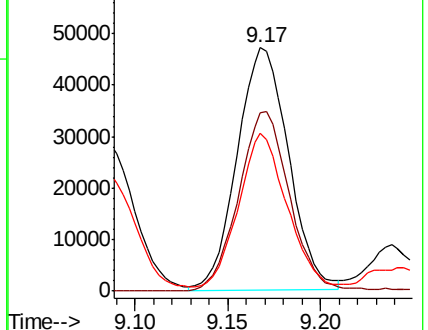
39 61.9 51.2 76.8

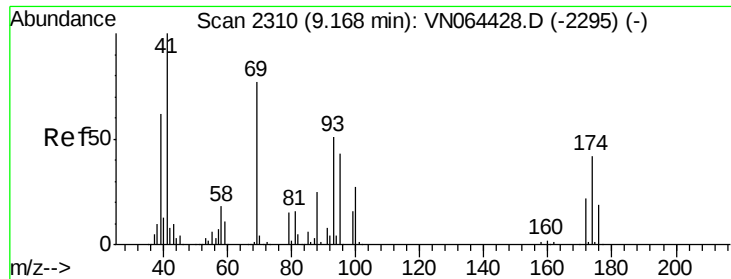


Abundance Ion 41.00 (40.70 to 41.70): VN064438.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064438.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064438.D (-2216) (-)

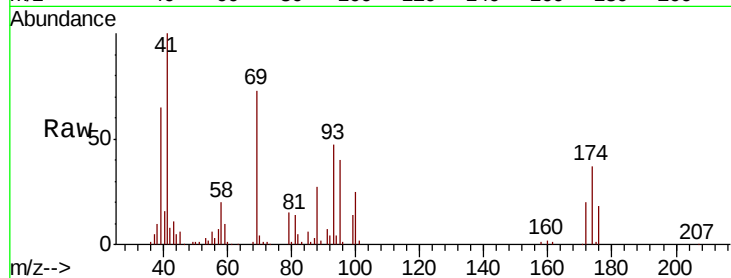




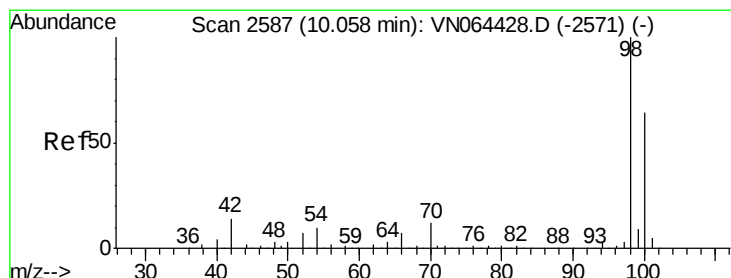
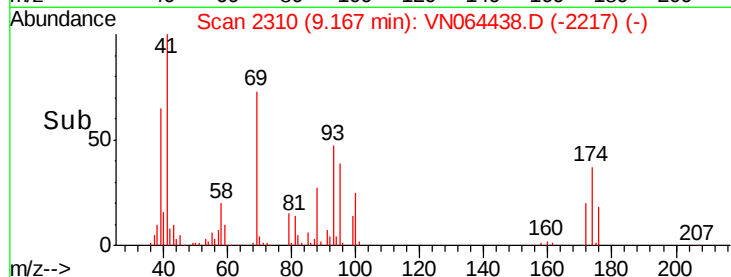
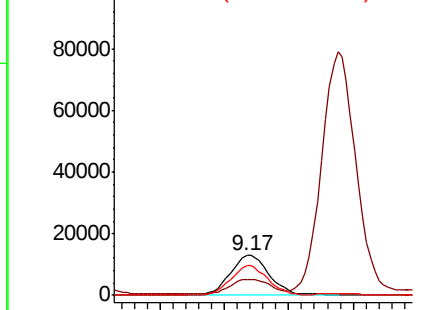
#49
 1,4-Dioxane
 Concen: 426.121 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1104WBSD01

Tot Ion: 88 Resp: 27317
 Ion Ratio Lower Upper
 88 100
 43 37.6 31.0 46.6
 58 71.2 58.4 87.6

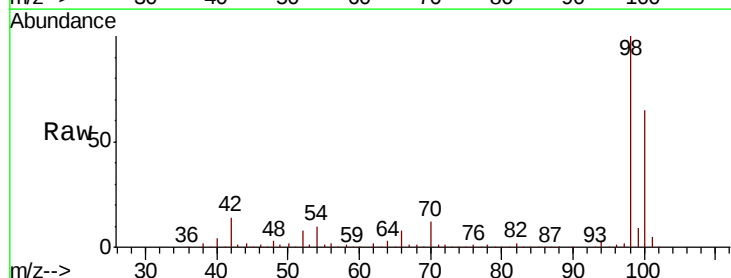


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

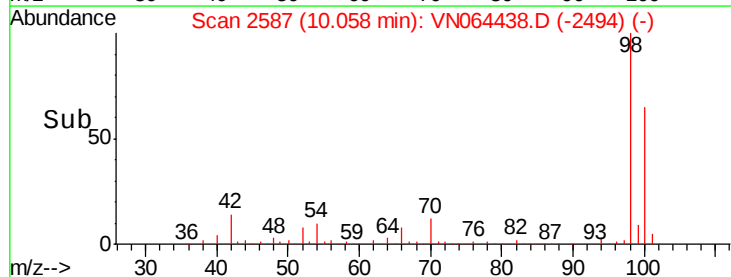
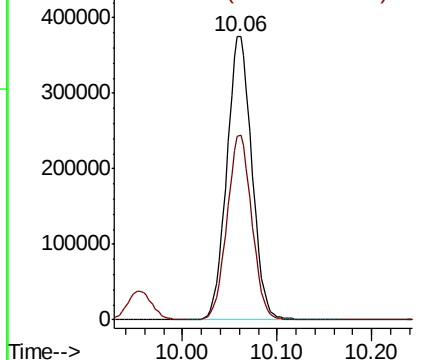


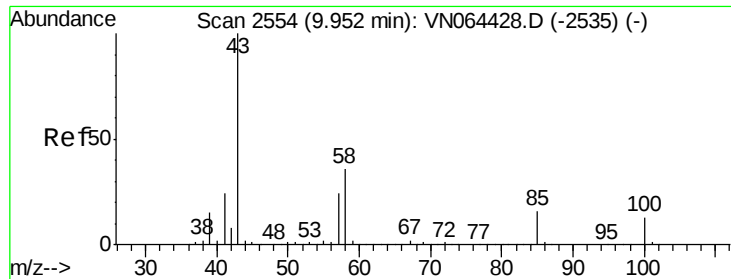
#50
 Toluene-d8
 Concen: 46.514 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 98 Resp: 689603
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.7 76.1



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: 98.917 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

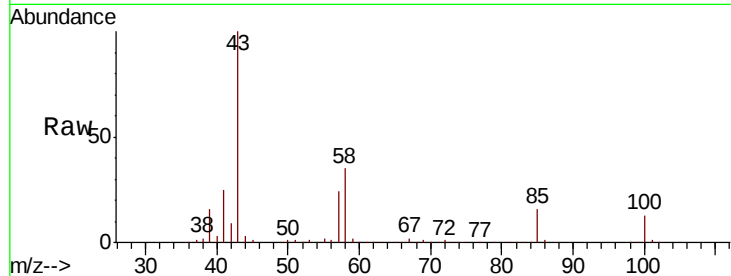
VN1104WBSD01

Tot Ion: 43 Resp: 556396

Ion Ratio Lower Upper

43 100

58 35.4 28.4 42.6



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

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

9.96

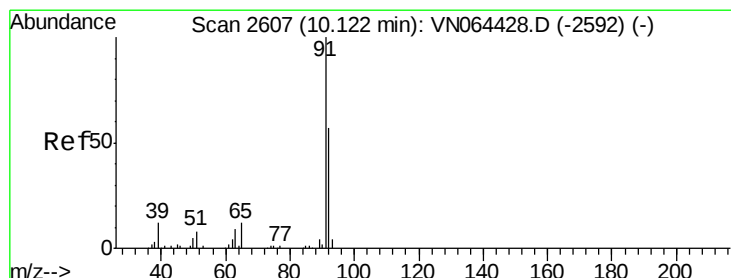
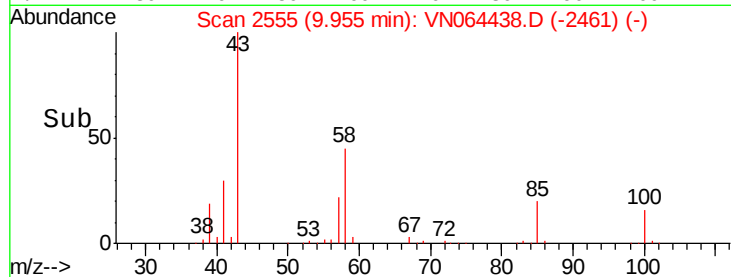
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.104 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064438.D

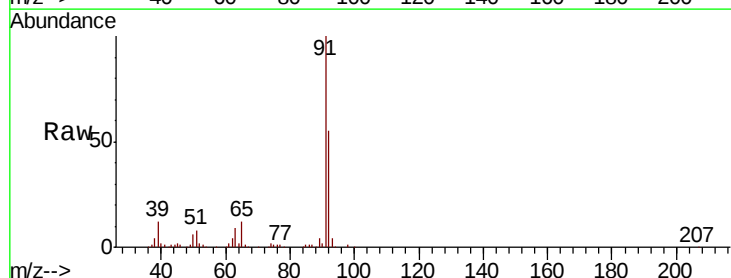
Acq: 4 Nov 2020 16:00

Tgt Ion: 92 Resp: 193112

Ion Ratio Lower Upper

92 100

91 178.3 139.6 209.4



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

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

10.13

200000

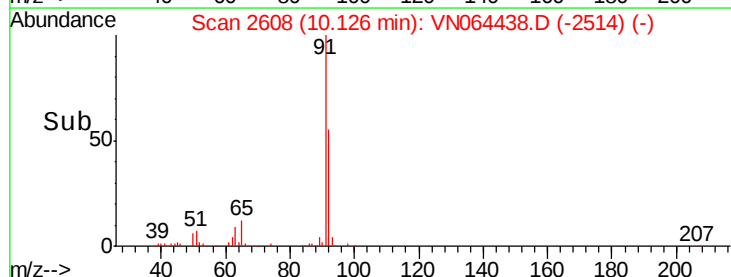
150000

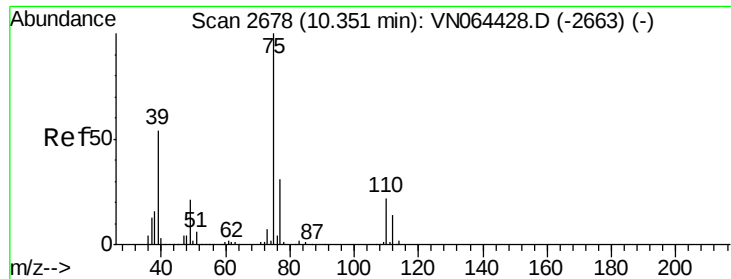
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 17.830 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

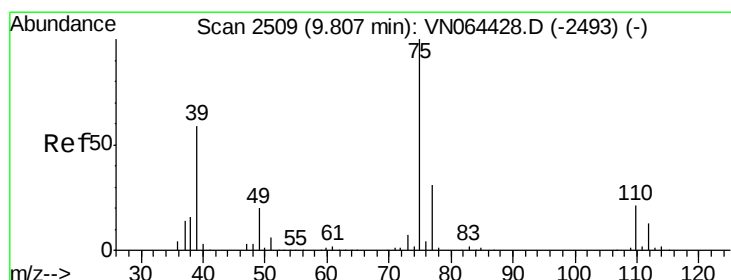
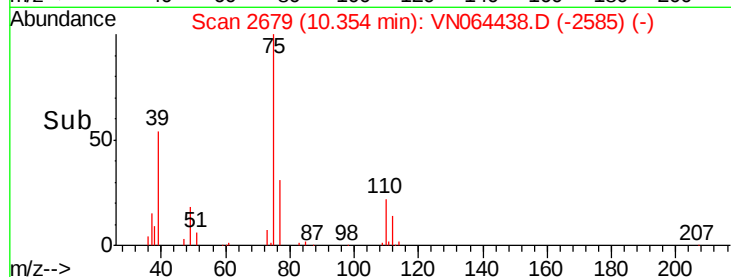
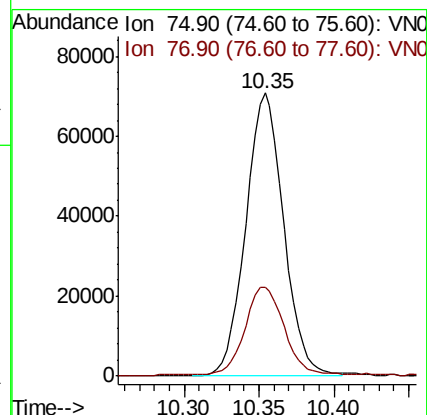
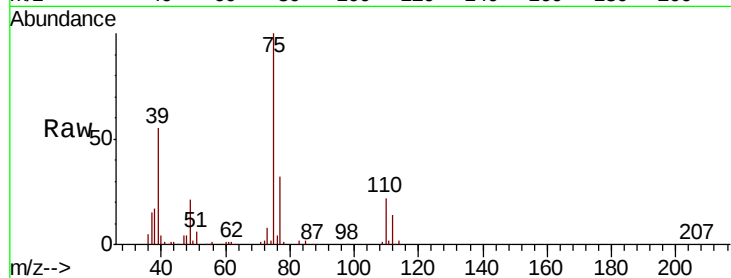
VN1104WBSD01

Tot Ion: 75 Resp: 124858

Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 17.877 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

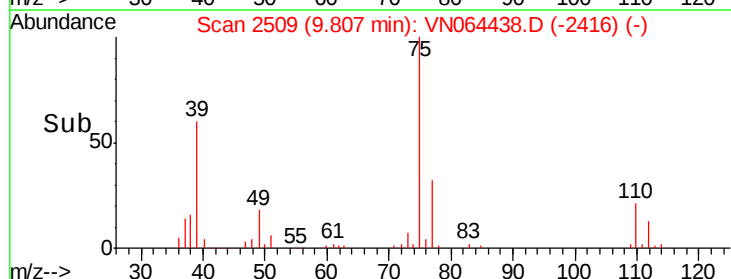
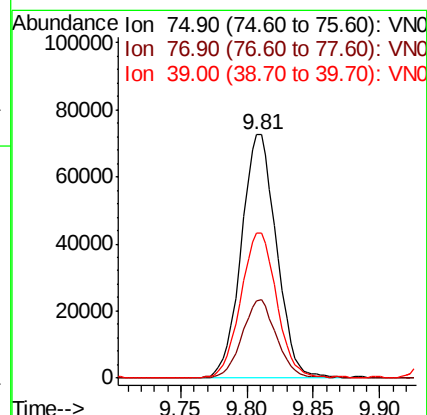
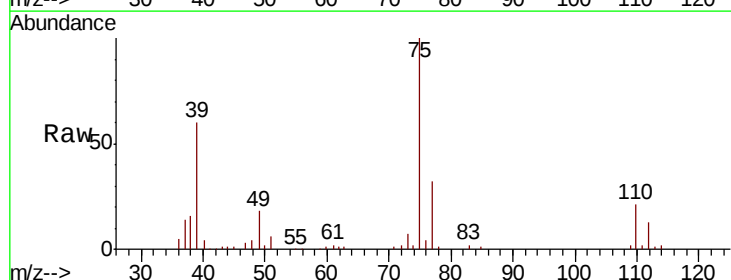
Tgt Ion: 75 Resp: 133850

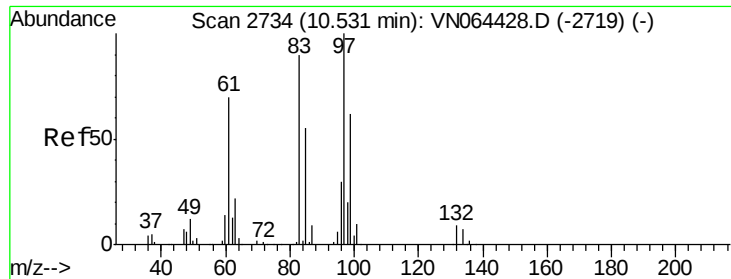
Ion Ratio Lower Upper

75 100

77 31.8 24.9 37.3

39 59.3 47.1 70.7

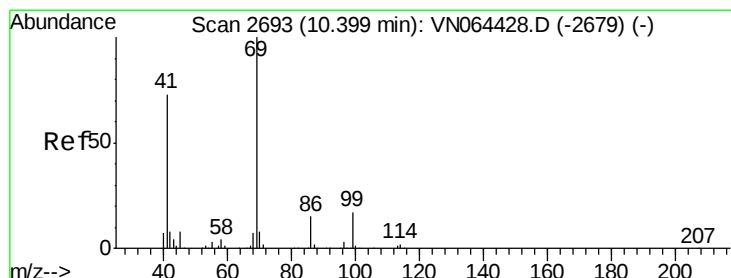
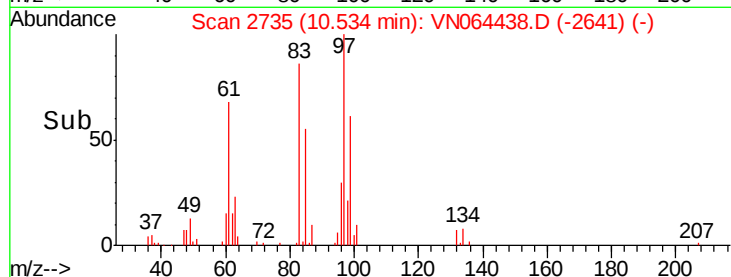
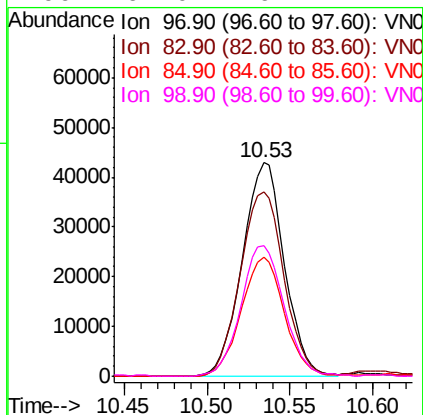
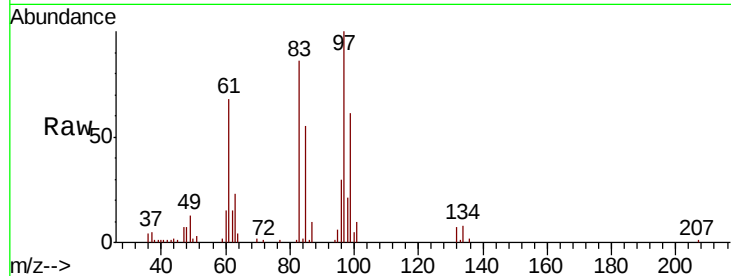




#55
 1,1,2-Trichloroethane
 Concen: 18.160 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

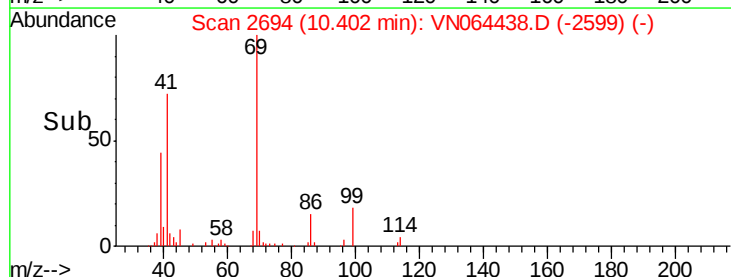
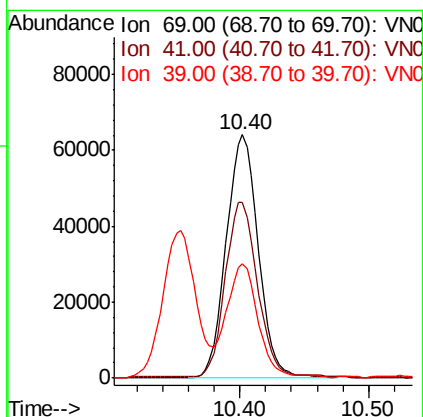
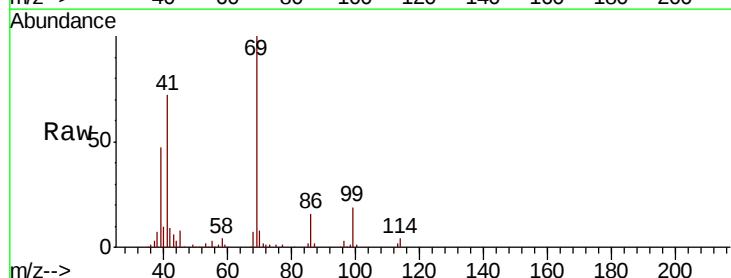
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

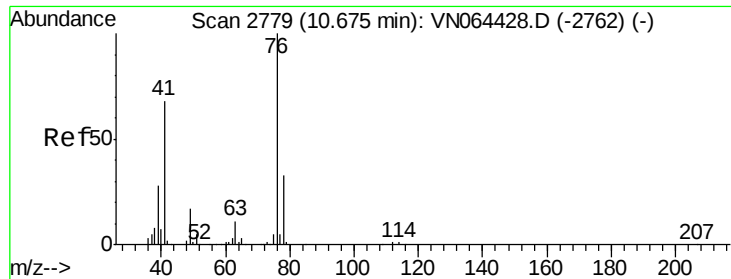
Tot Ion: 97 Resp: 75549
 Ion Ratio Lower Upper
 97 100
 83 86.0 71.7 107.5
 85 55.5 44.3 66.5
 99 61.0 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 17.444 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 69 Resp: 110879
 Ion Ratio Lower Upper
 69 100
 41 71.3 59.3 88.9
 39 45.6 35.4 53.0





#57

1,3-Dichloropropane

Concen: 18.613 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

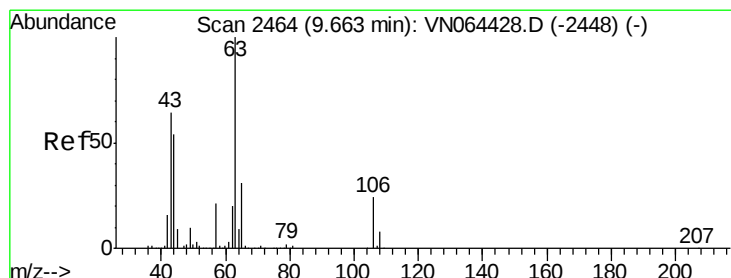
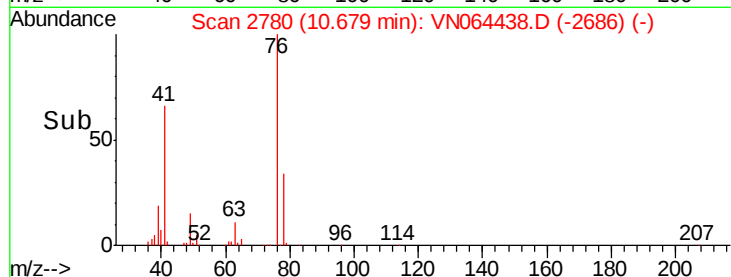
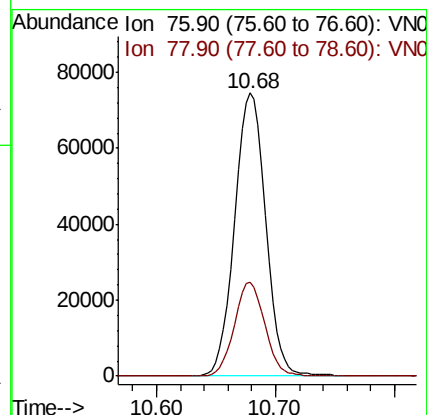
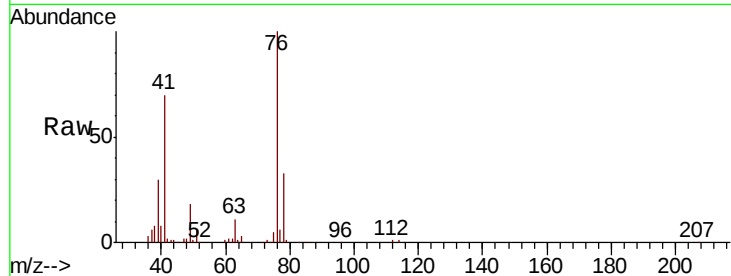
VN1104WBSD01

Tot Ion: 76 Resp: 135158

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 104.251 ug/l

RT: 9.67 min Scan# 2465

Delta R.T. 0.00 min

Lab File: VN064438.D

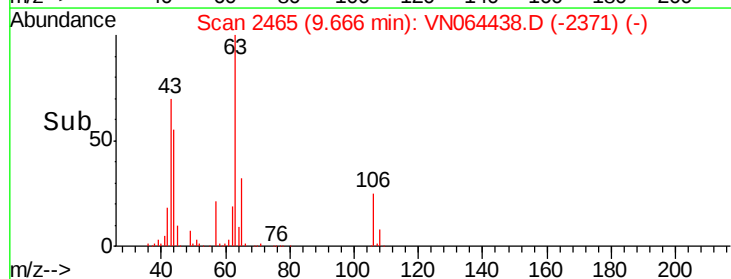
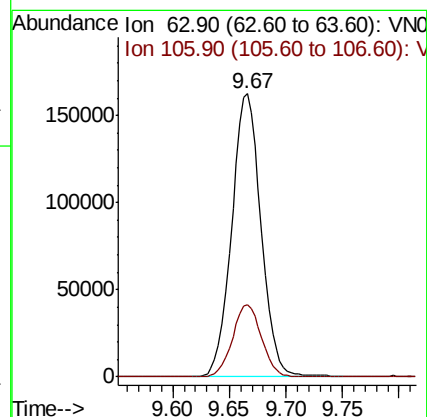
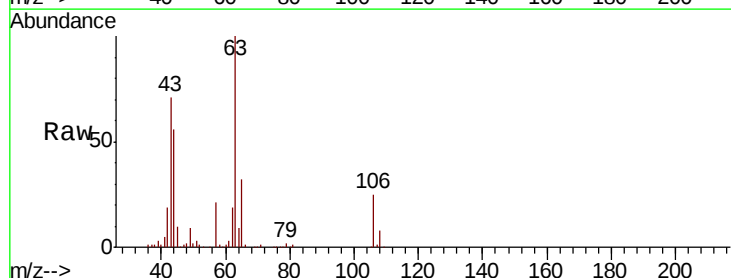
Acq: 4 Nov 2020 16:00

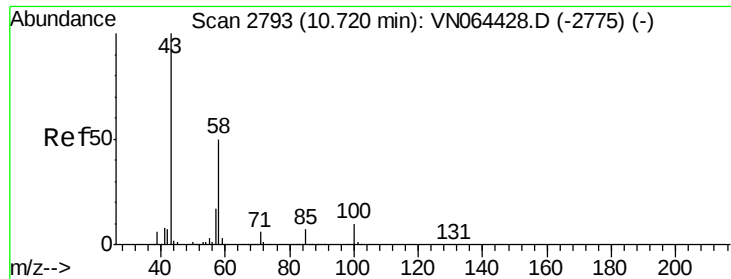
Tgt Ion: 63 Resp: 292729

Ion Ratio Lower Upper

63 100

106 25.2 19.5 29.3

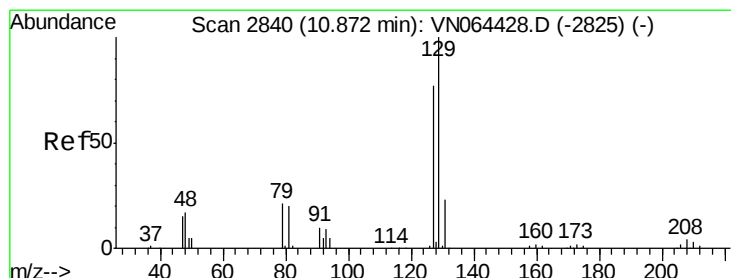
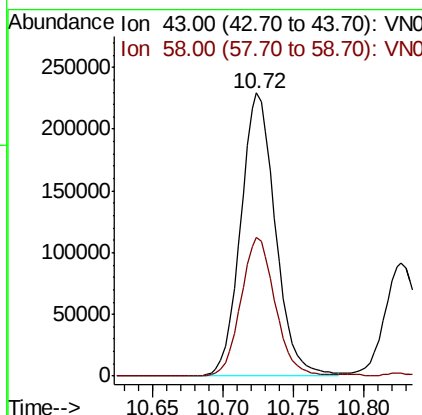
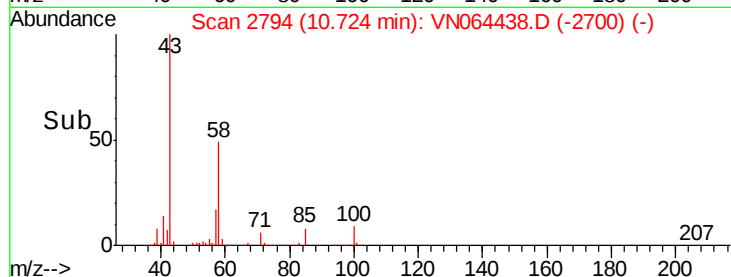
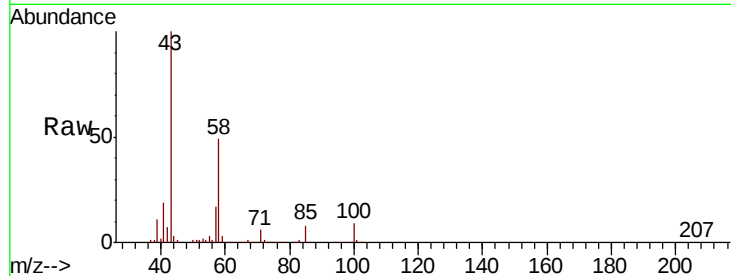




#59
2-Hexanone
Concen: 88.571 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

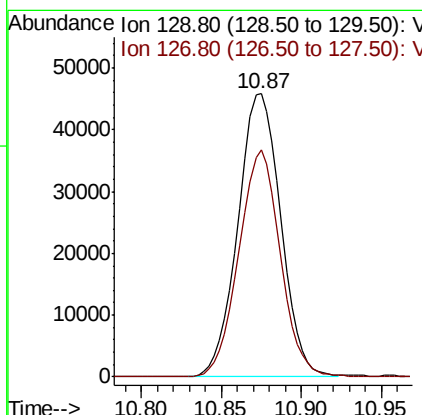
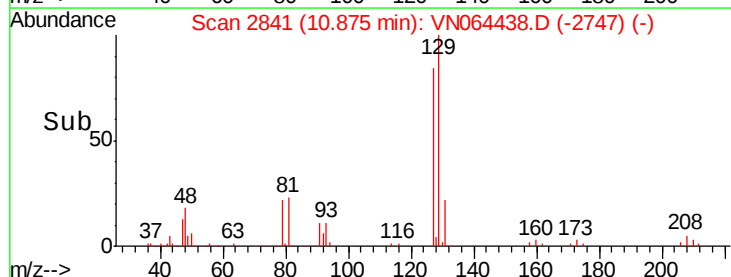
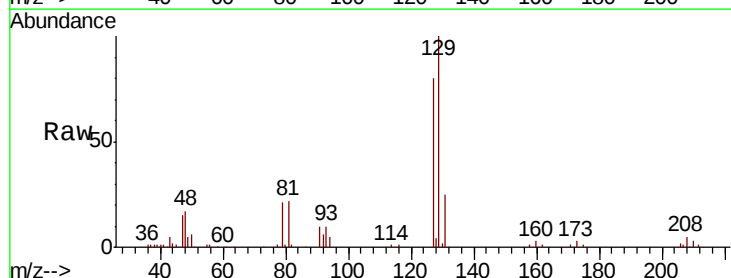
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

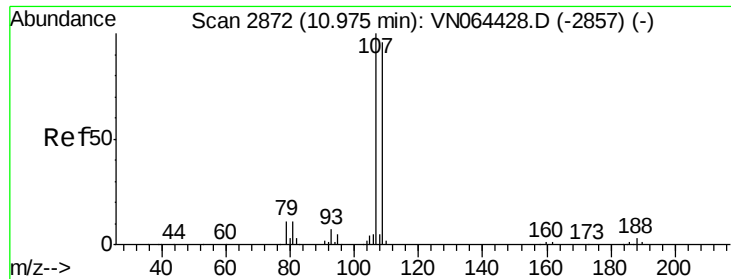
Tot Ion: 43 Resp: 394129
Ion Ratio Lower Upper
43 100
58 49.0 24.7 74.1



#60
Dibromochloromethane
Concen: 18.028 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 129 Resp: 83966
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7

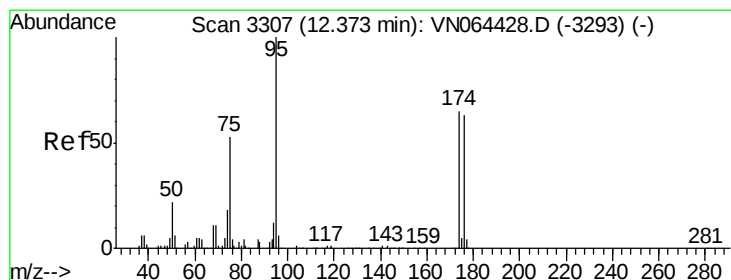
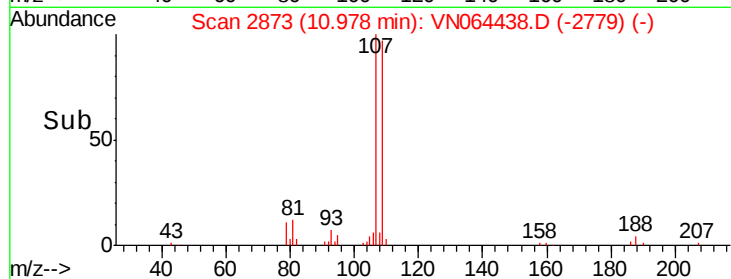
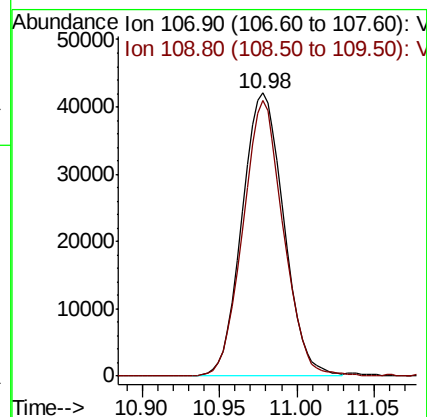
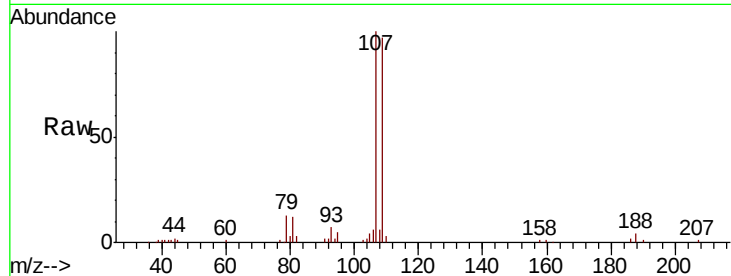




#61
 1,2-Dibromoethane
 Concen: 18.733 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

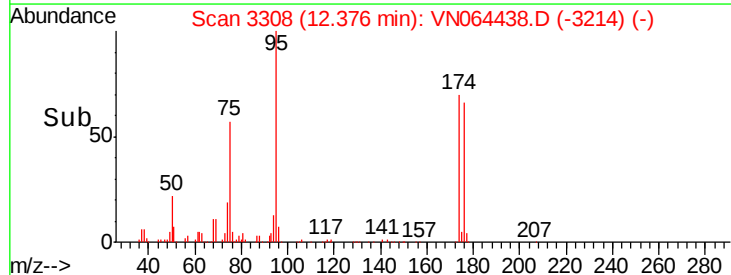
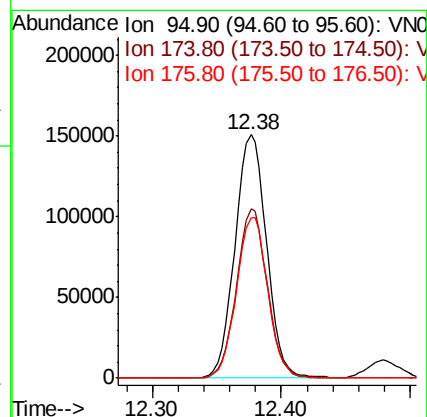
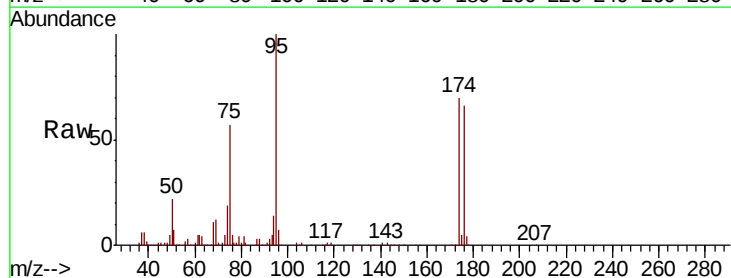
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

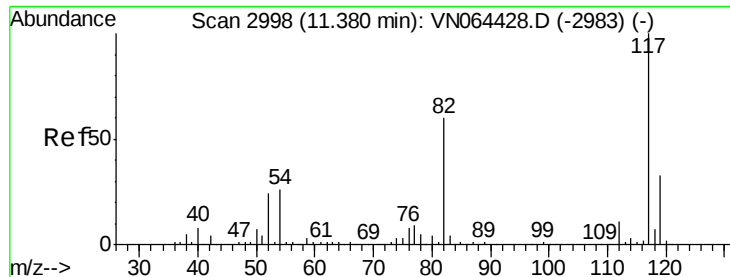
Tot Ion: 107 Resp: 79048
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 45.806 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion: 95 Resp: 256828
 Ion Ratio Lower Upper
 95 100
 174 67.9 0.0 132.6
 176 65.3 0.0 129.2

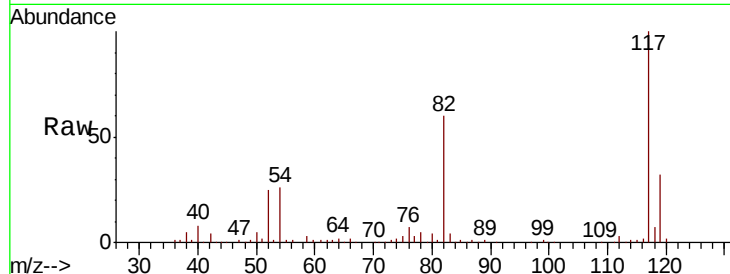




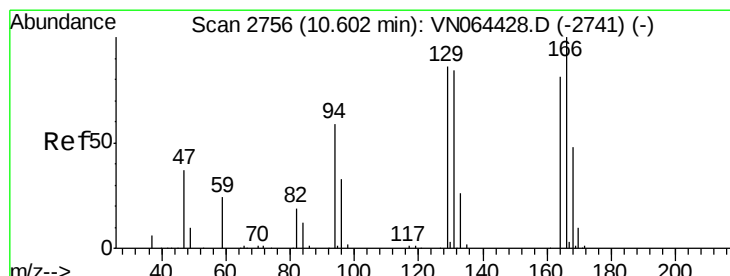
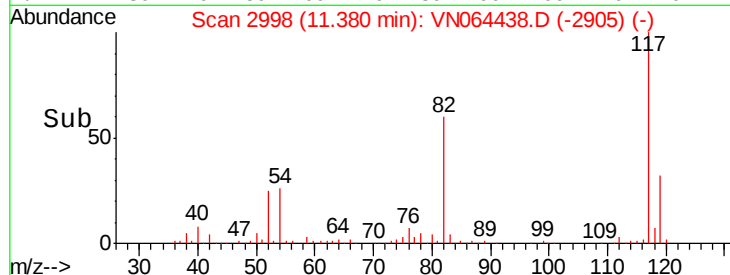
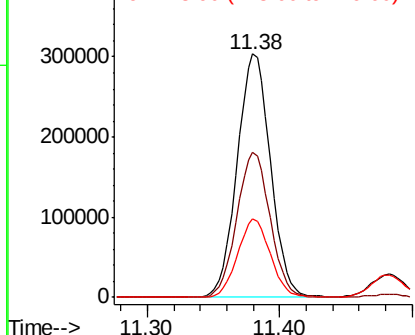
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

Tot Ion:117 Resp: 530324
Ion Ratio Lower Upper
117 100
82 59.6 48.1 72.1
119 32.4 26.2 39.4

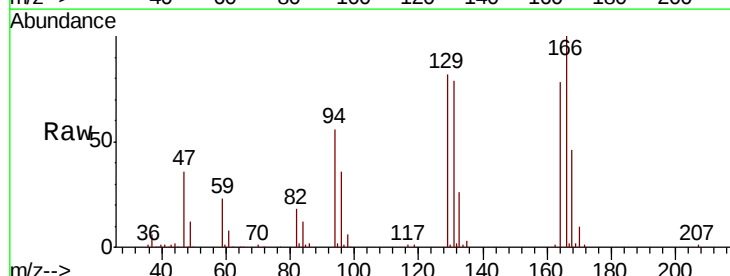


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

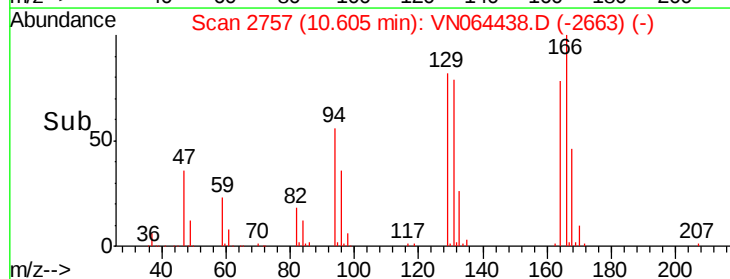
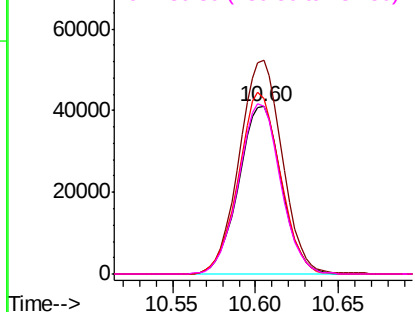


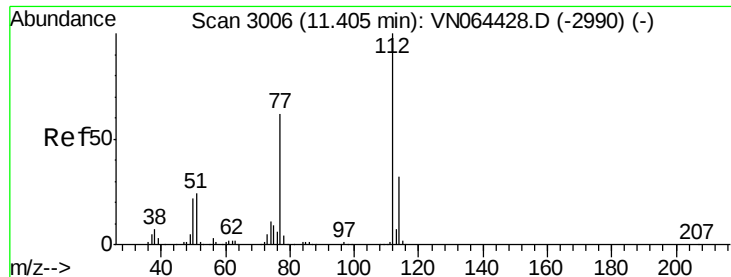
#64
Tetrachloroethene
Concen: 18.035 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion:164 Resp: 73675
Ion Ratio Lower Upper
164 100
166 127.7 98.2 147.2
129 104.7 84.6 127.0
131 100.4 82.2 123.2



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

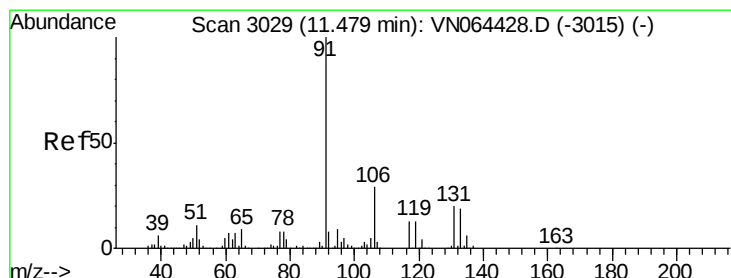
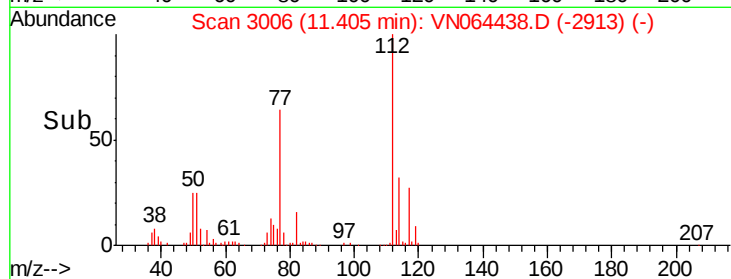
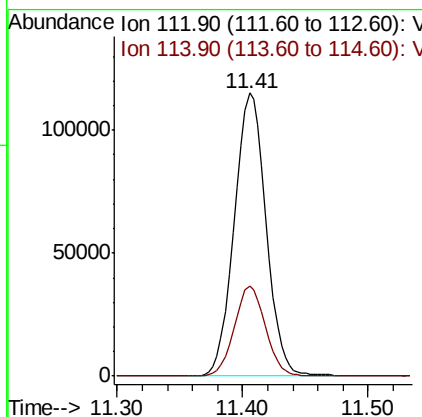
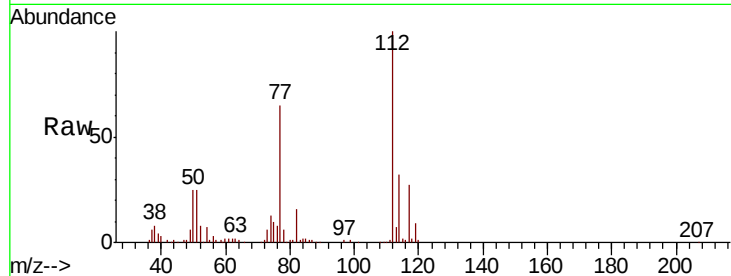




#65
Chlorobenzene
Concen: 17.456 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

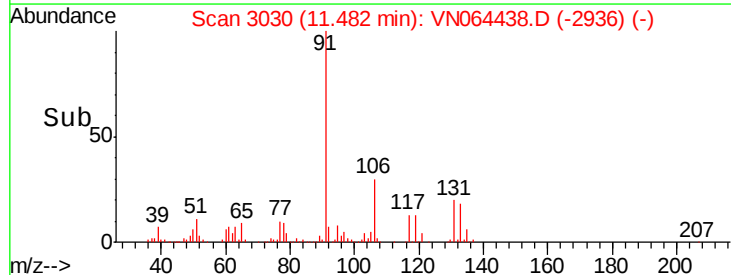
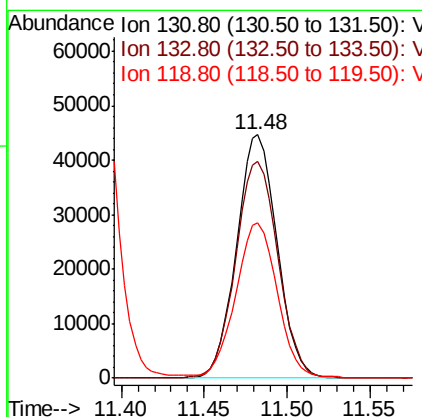
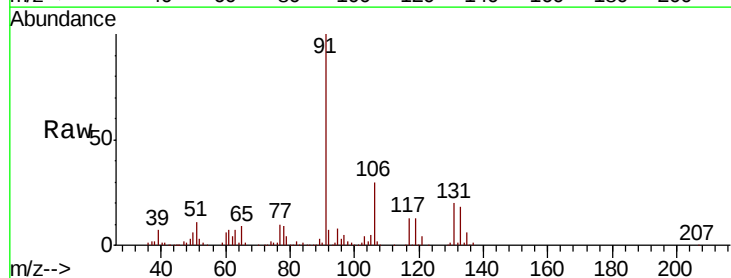
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

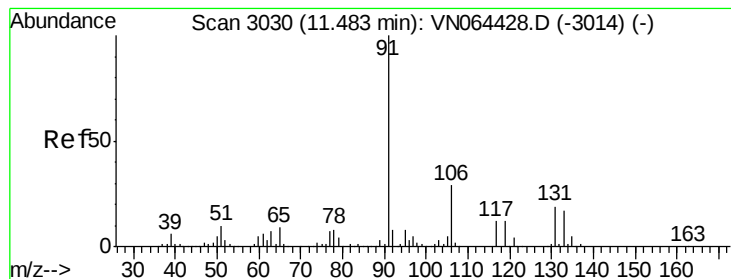
Tot Ion:112 Resp: 202941
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.485 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion:131 Resp: 75835
Ion Ratio Lower Upper
131 100
133 93.2 46.9 140.7
119 65.6 32.1 96.5





#67

Ethyl Benzene

Concen: 17.885 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampled :

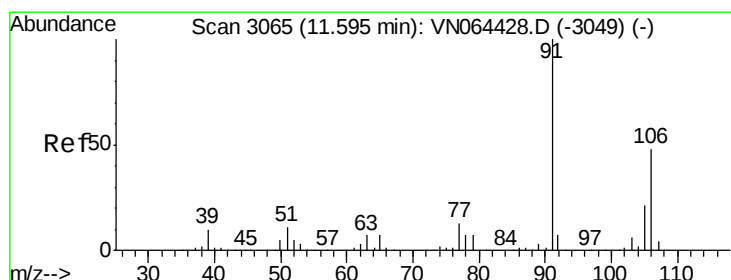
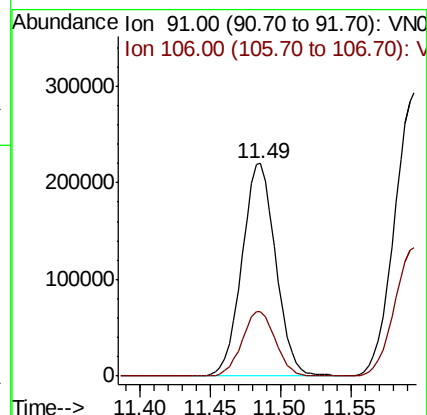
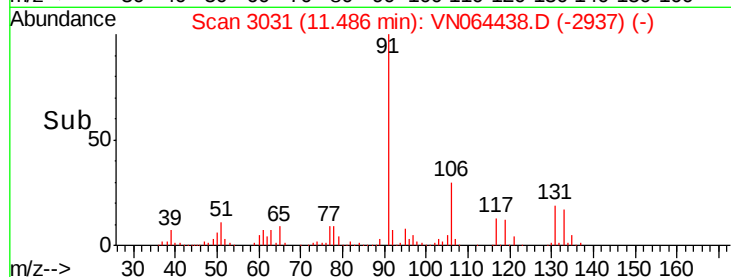
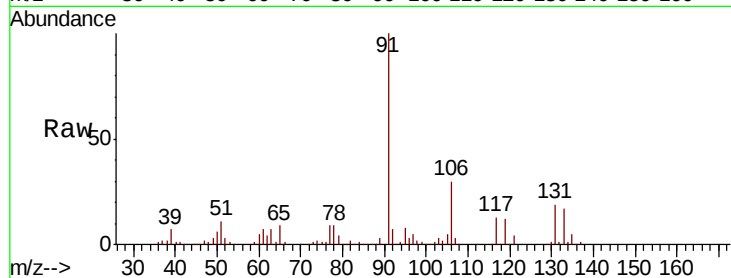
VN1104WBSD01

Tot Ion: 91 Resp: 369856

Ion Ratio Lower Upper

91 100

106 30.0 23.6 35.4



#68

m/p-Xylenes

Concen: 34.554 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064438.D

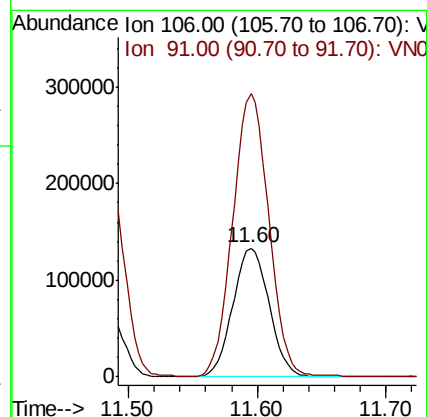
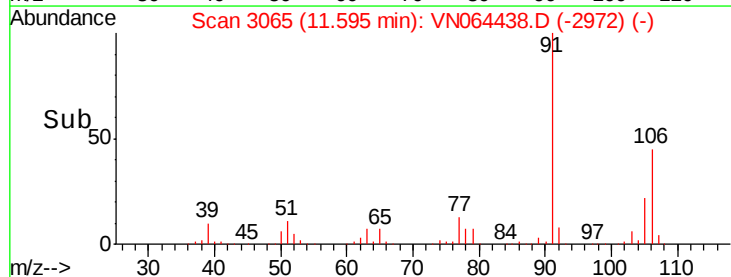
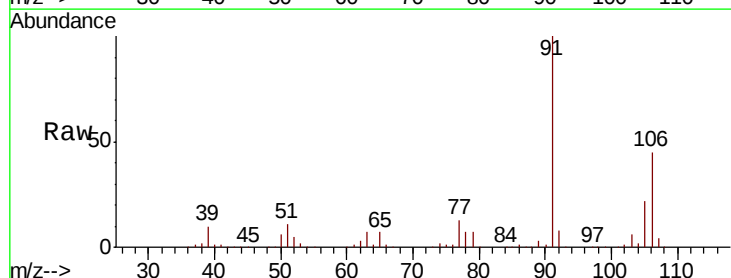
Acq: 4 Nov 2020 16:00

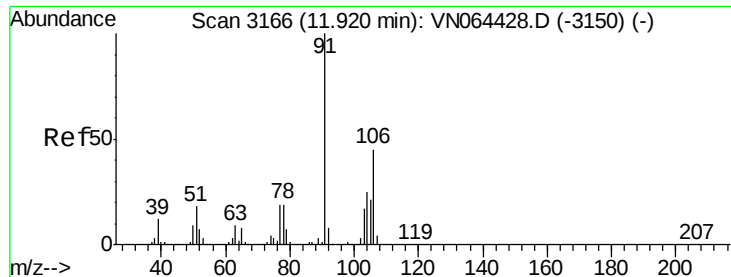
Tgt Ion: 106 Resp: 259141

Ion Ratio Lower Upper

106 100

91 219.7 169.4 254.2

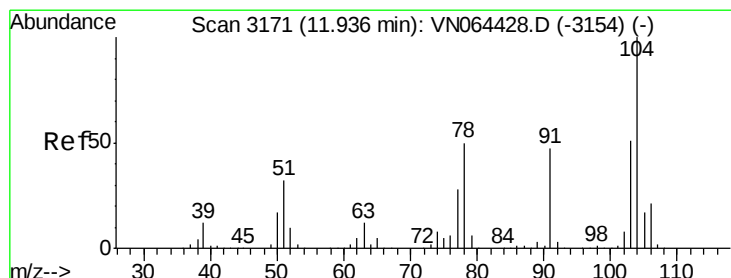
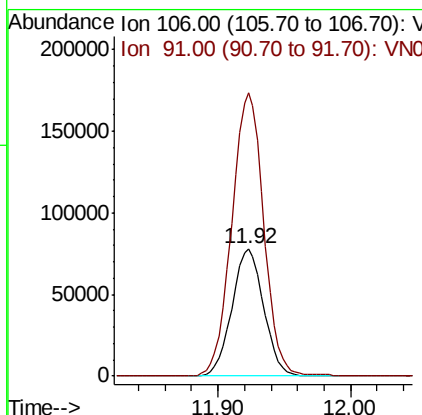
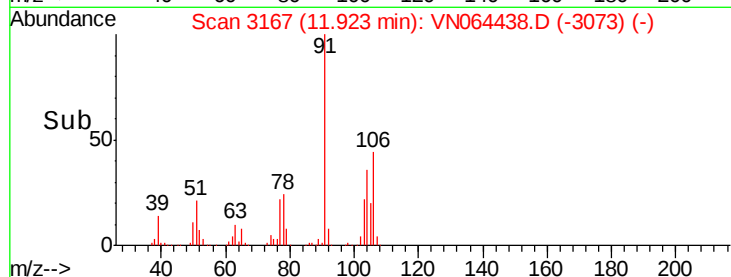
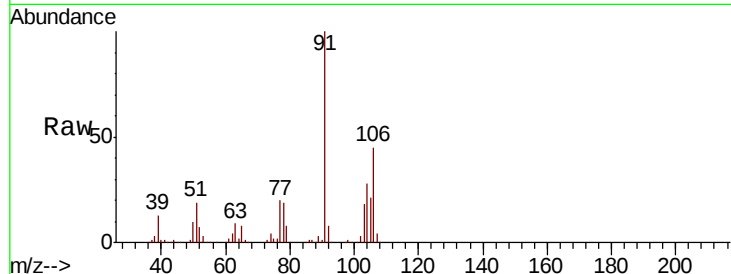




#69
o-Xylene
Concen: 17.956 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

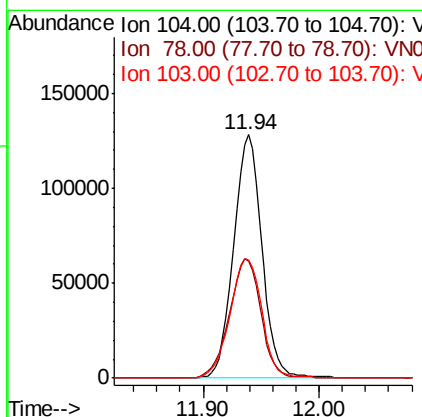
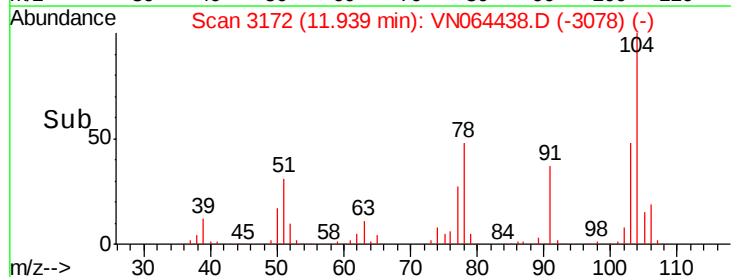
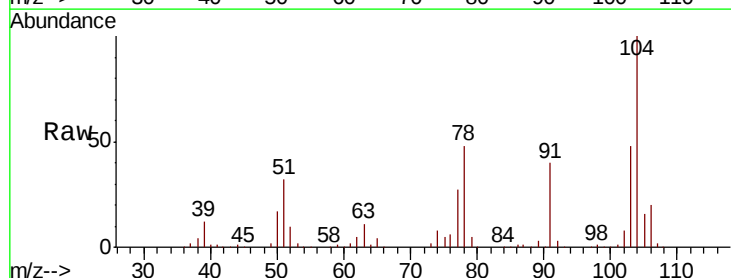
Instrument :
MSVOA_N
ClientSampleId :
VN1104WBSD01

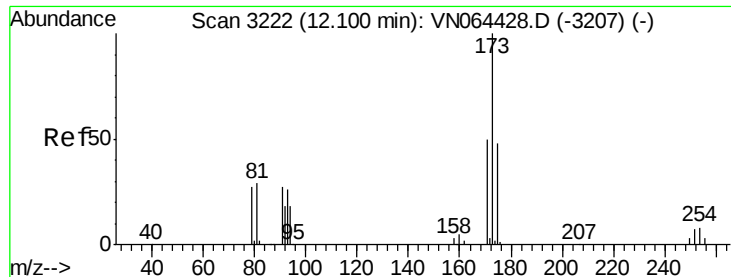
Tot Ion:106 Resp: 130125
Ion Ratio Lower Upper
106 100
91 222.3 111.7 334.9



#70
Styrene
Concen: 17.735 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion:104 Resp: 216270
Ion Ratio Lower Upper
104 100
78 54.6 44.0 66.0
103 55.4 43.8 65.6





#71

Bromoform

Concen: 16.850 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

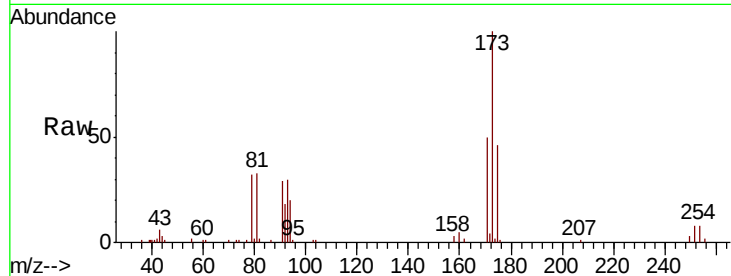
Tot Ion:173 Resp: 52049

Ion Ratio Lower Upper

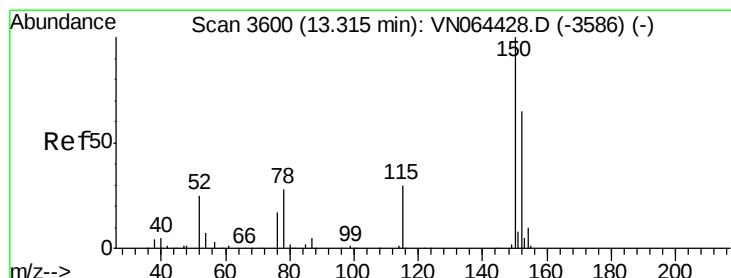
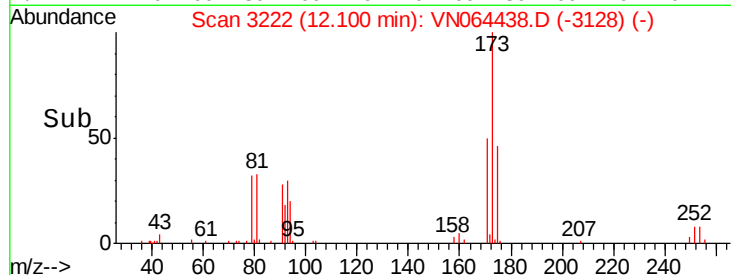
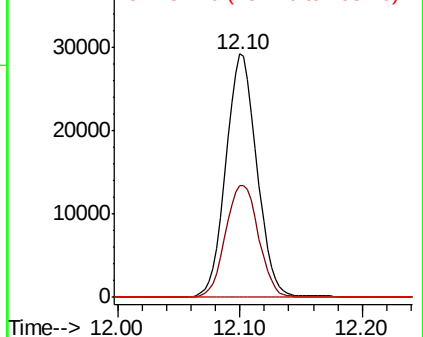
173 100

175 48.7 23.7 71.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

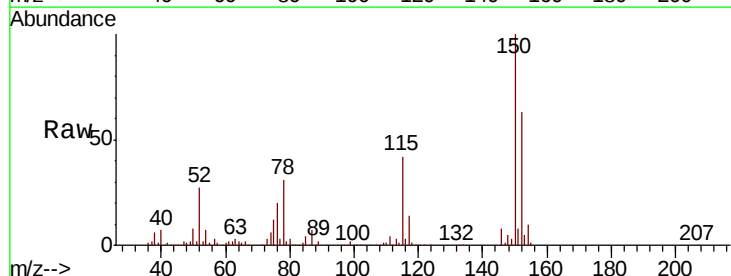
Tgt Ion:152 Resp: 228031

Ion Ratio Lower Upper

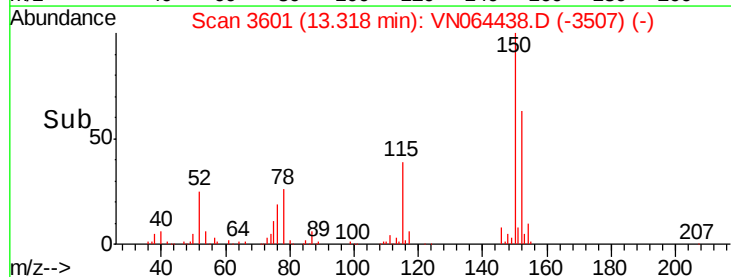
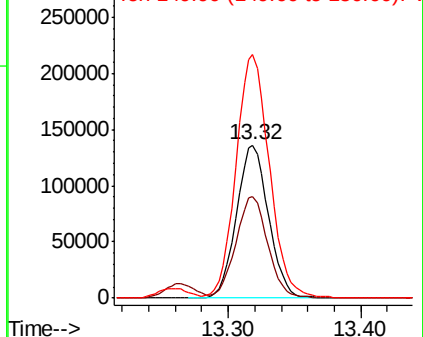
152 100

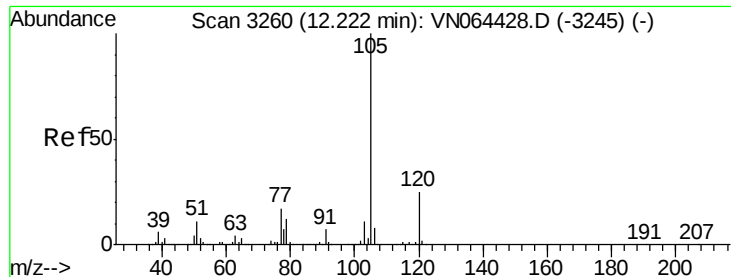
115 65.6 32.0 96.0

150 165.5 0.0 353.8



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





#73

Isopropylbenzene

Concen: 18.448 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

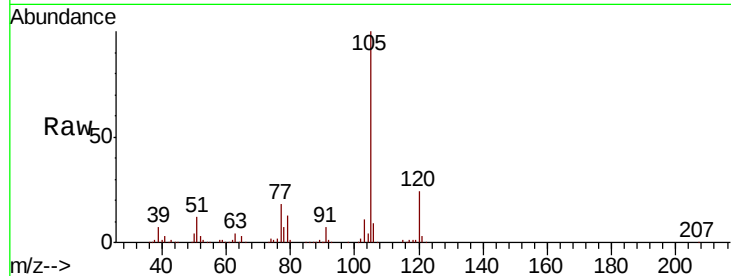
VN1104WBSD01

Tot Ion:105 Resp: 334357

Ion Ratio Lower Upper

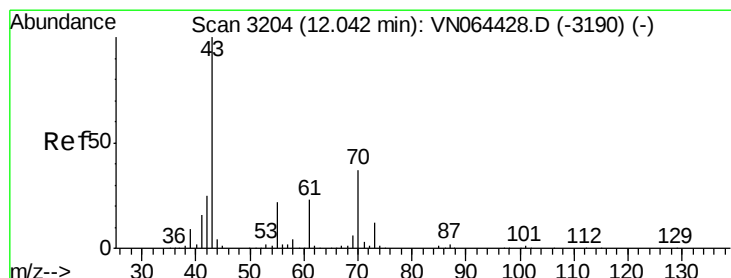
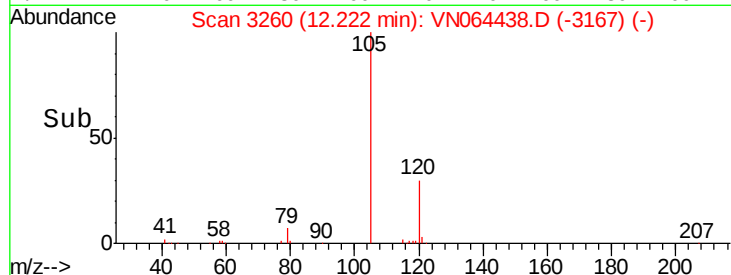
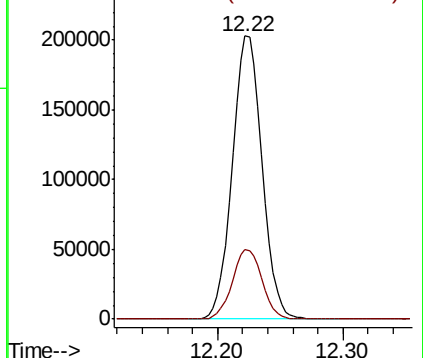
105 100

120 24.5 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.702 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Tgt Ion: 43 Resp: 148544

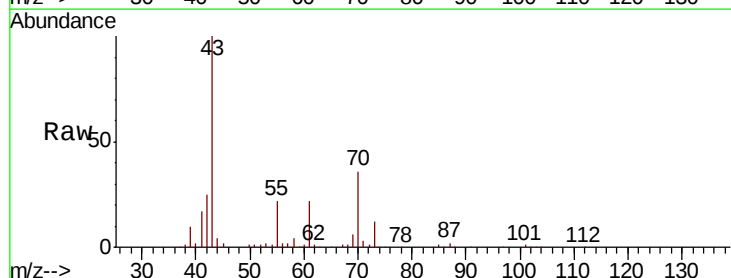
Ion Ratio Lower Upper

43 100

70 35.9 29.6 44.4

55 22.3 18.4 27.6

61 20.9 17.8 26.6

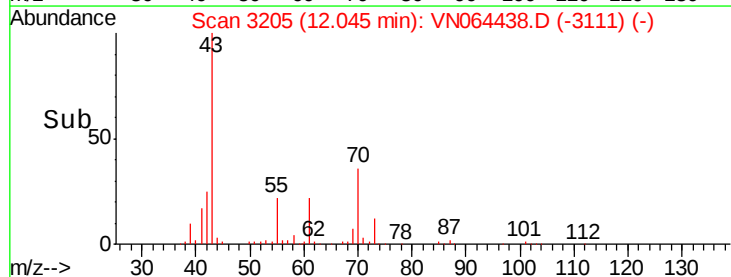
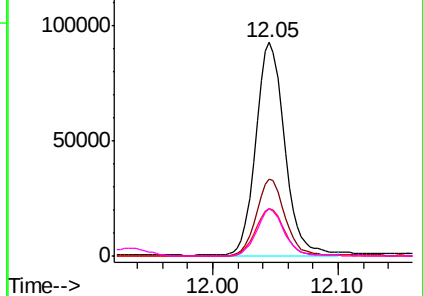


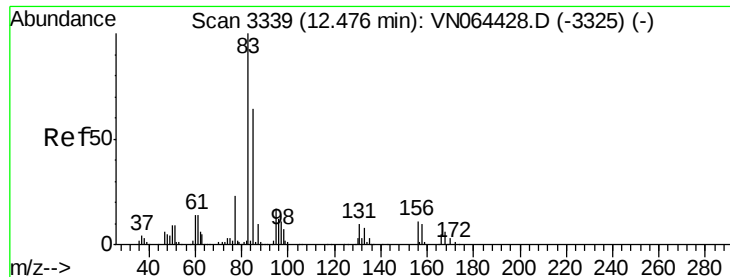
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.385 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

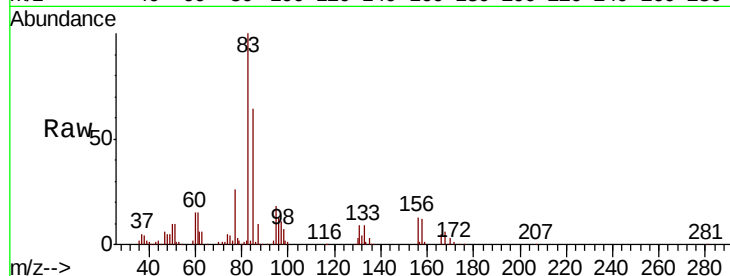
Tot Ion: 83 Resp: 107917

Ion	Ratio	Lower	Upper
83	100		
131	9.7	4.9	14.7
85	63.8	32.1	96.5

83 100

131 9.7 4.9 14.7

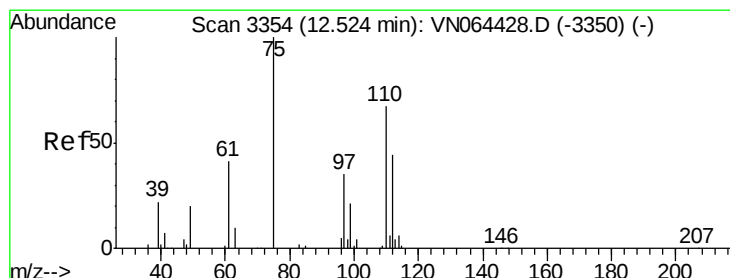
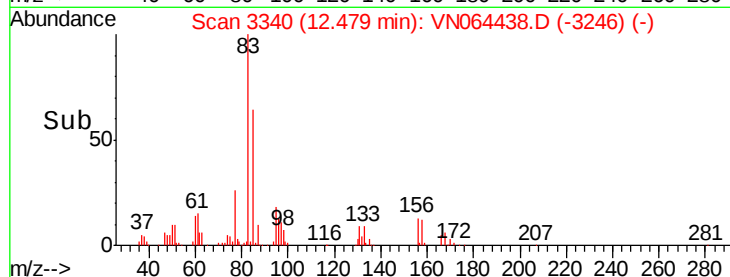
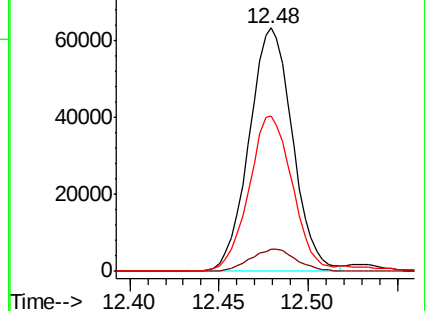
85 63.8 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 26.847 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064438.D

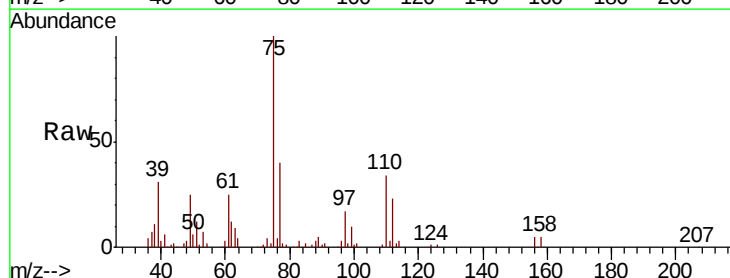
Acq: 4 Nov 2020 16:00

Tgt Ion: 75 Resp: 148327

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

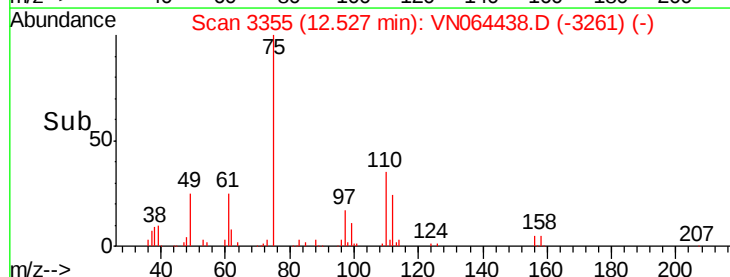
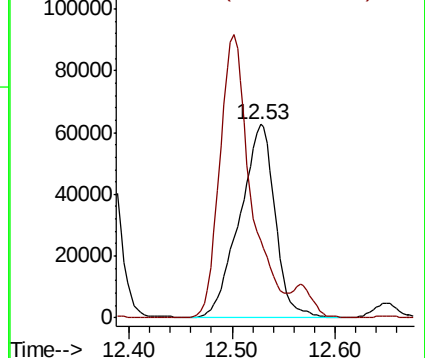
75 100

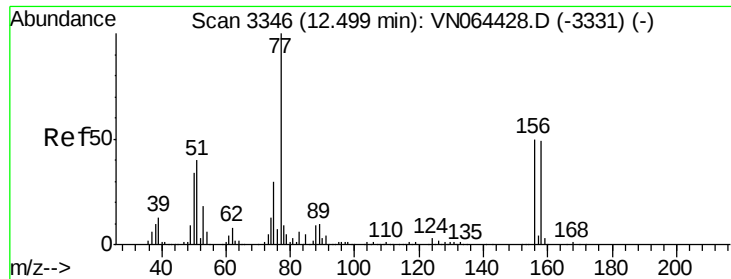
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 18.111 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampled :

VN1104WBSD01

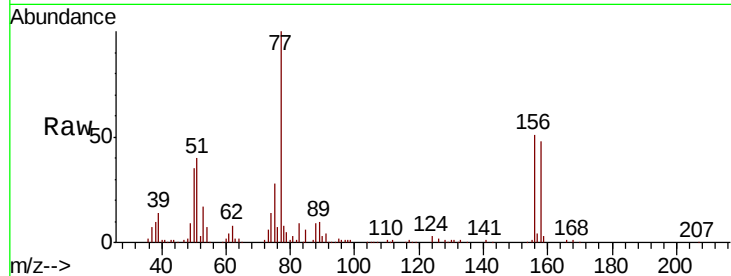
Tot Ion:156 Resp: 80141

Ion Ratio Lower Upper

156 100

77 240.3 119.0 357.0

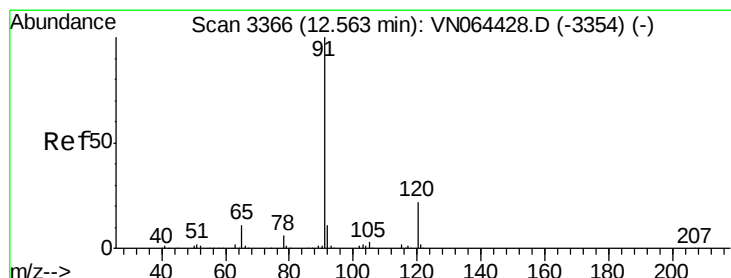
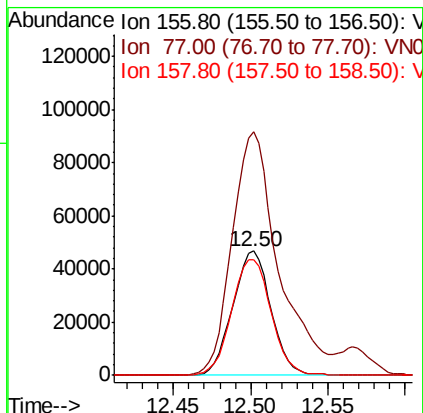
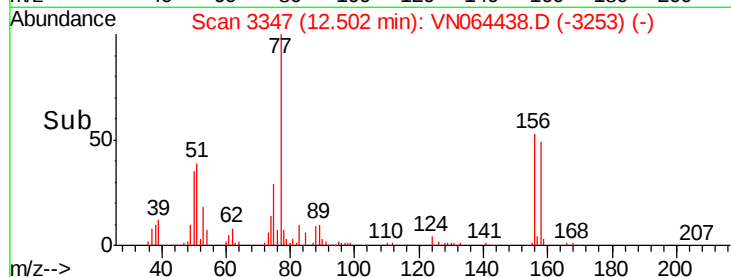
158 96.3 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.227 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064438.D

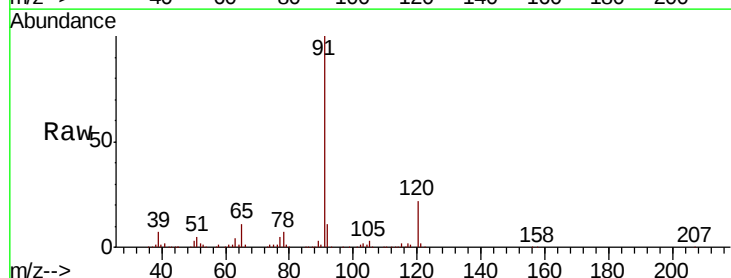
Acq: 4 Nov 2020 16:00

Tgt Ion: 91 Resp: 376631

Ion Ratio Lower Upper

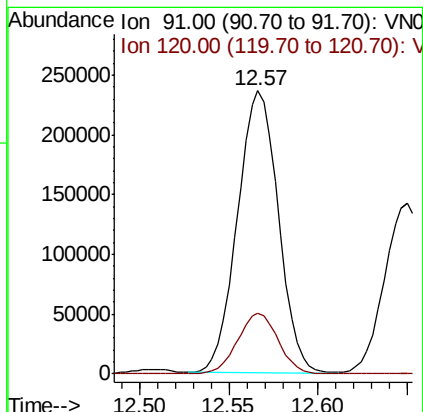
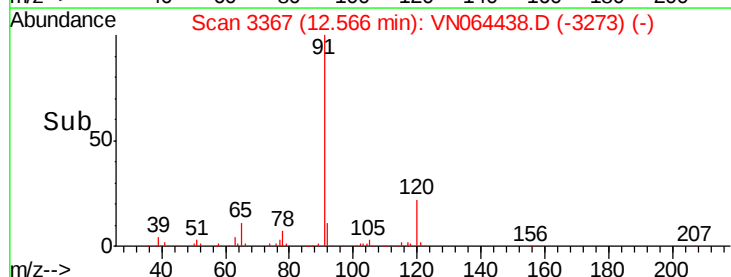
91 100

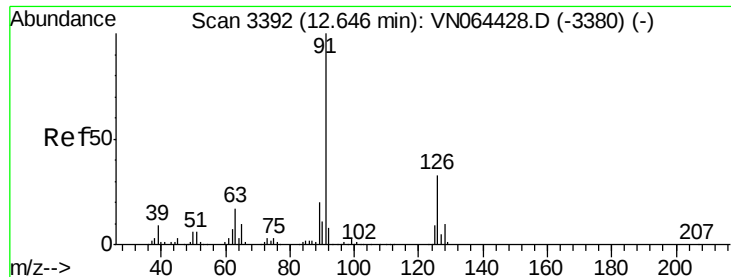
120 21.4 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.898 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

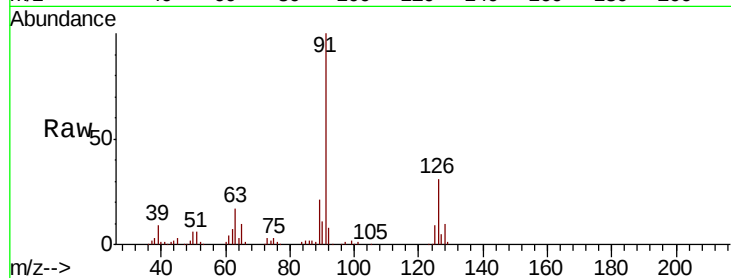
VN1104WBSD01

Tot Ion: 91 Resp: 234571

Ion Ratio Lower Upper

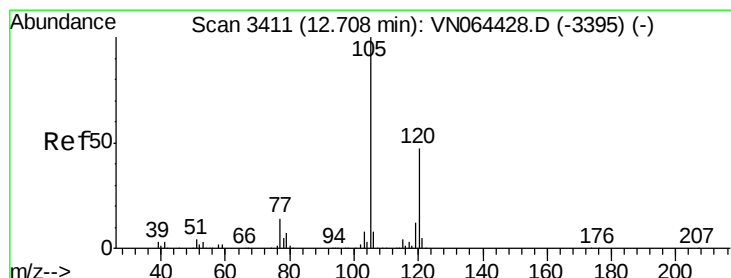
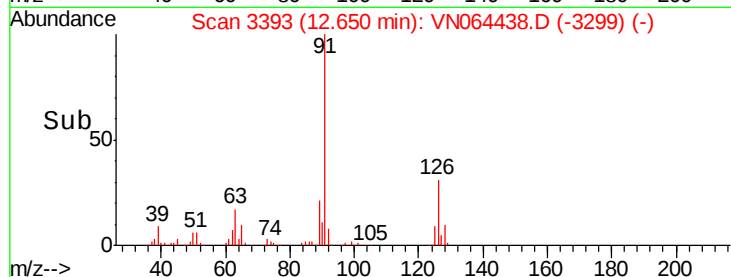
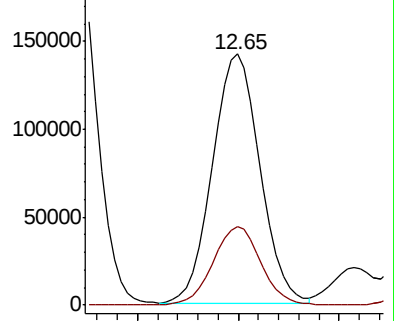
91 100

126 31.7 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN064428.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 18.477 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064438.D

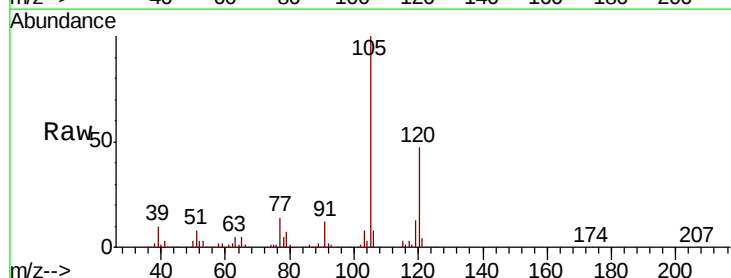
Acq: 4 Nov 2020 16:00

Tgt Ion: 105 Resp: 276268

Ion Ratio Lower Upper

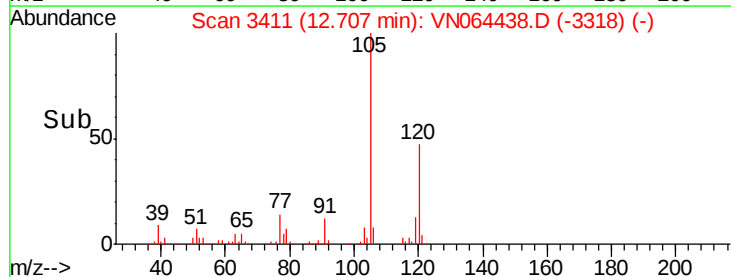
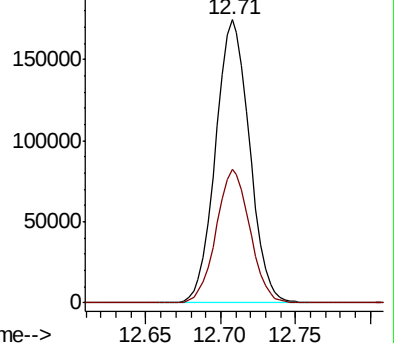
105 100

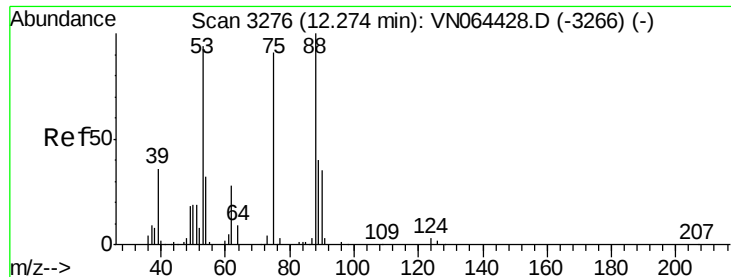
120 46.9 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.982 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

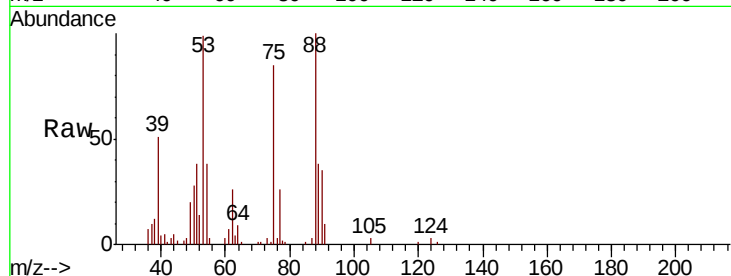
Tot Ion: 75 Resp: 33604

Ion Ratio Lower Upper

75 100

53 117.2 84.0 126.0

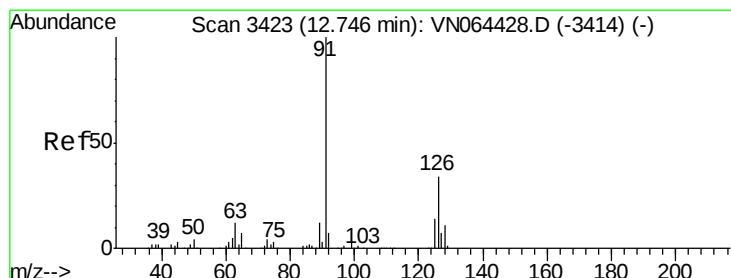
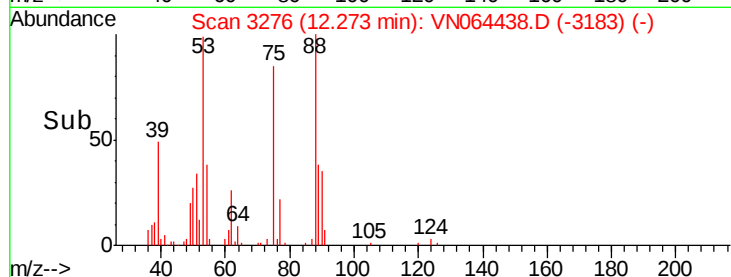
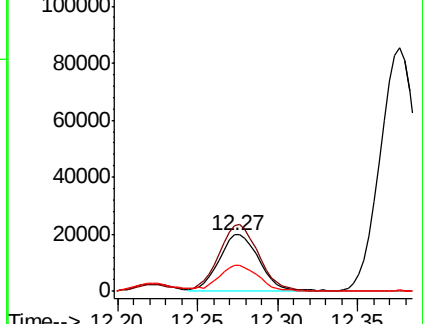
89 46.7 36.3 54.5



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: 17.776 ug/l

RT: 12.75 min Scan# 3424

Delta R.T. 0.00 min

Lab File: VN064438.D

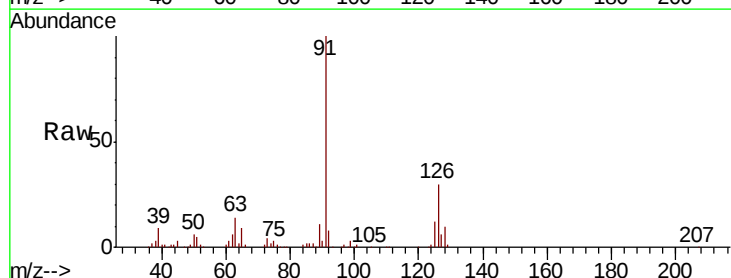
Acq: 4 Nov 2020 16:00

Tgt Ion: 91 Resp: 243980

Ion Ratio Lower Upper

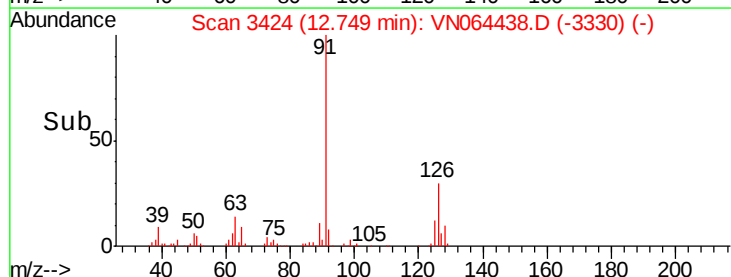
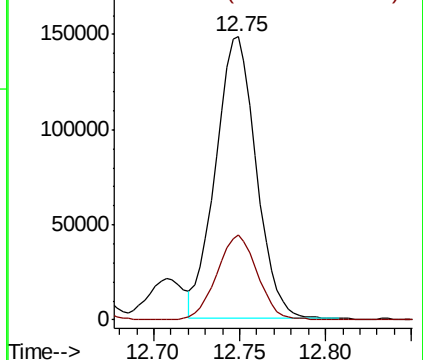
91 100

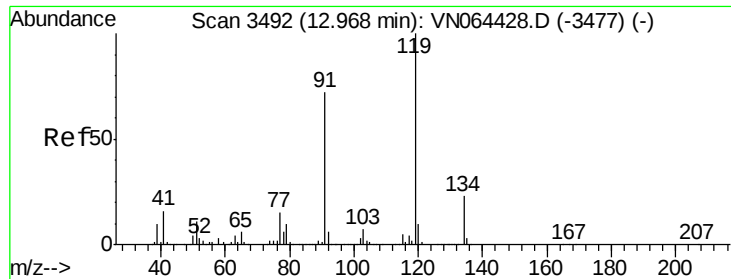
126 30.3 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

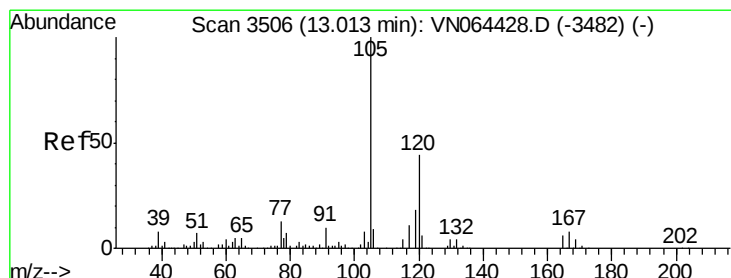
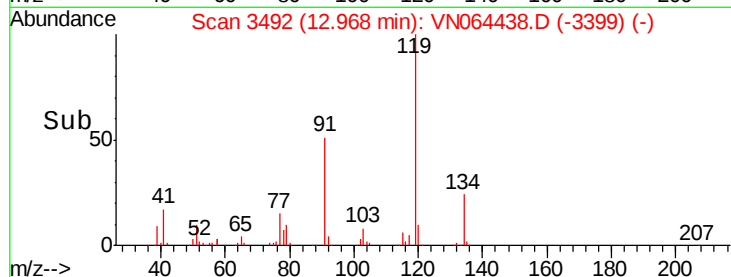
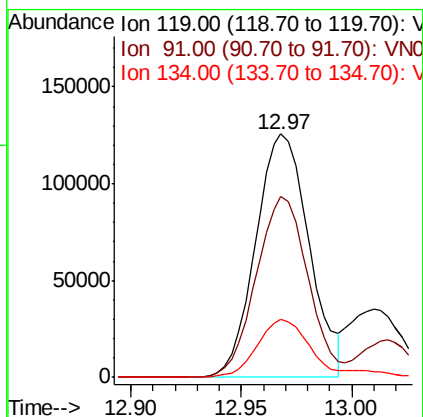
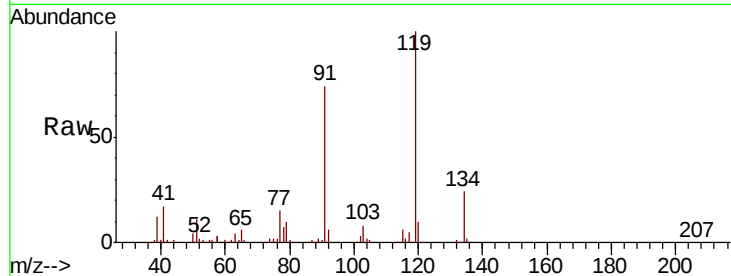




#83
 tert-Butylbenzene
 Concen: 18.056 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

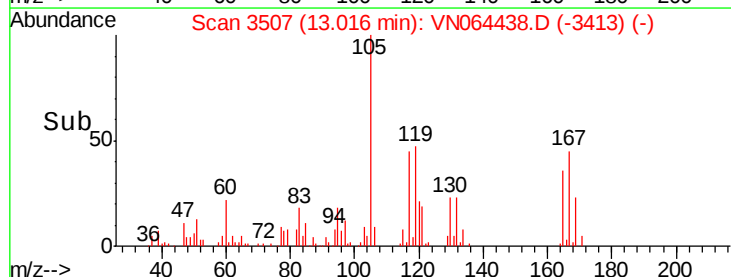
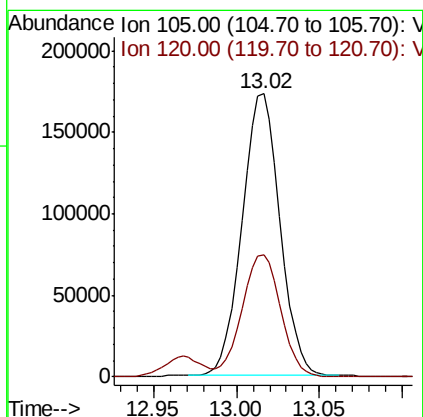
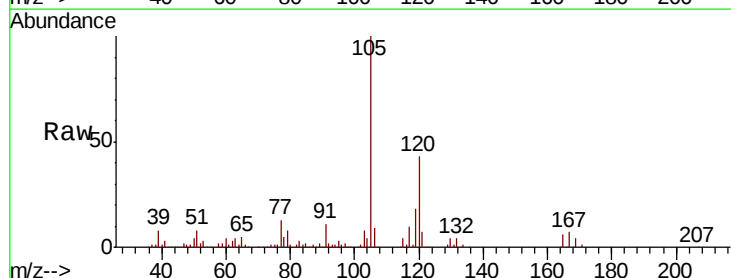
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

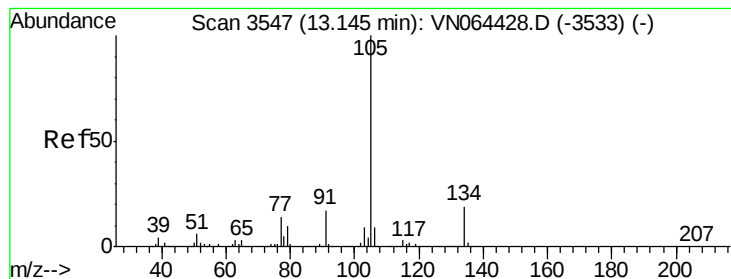
Tot Ion:119 Resp: 210856
 Ion Ratio Lower Upper
 119 100
 91 71.9 36.1 108.3
 134 22.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 18.244 ug/l
 RT: 13.02 min Scan# 3507
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion:105 Resp: 274223
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.7





#85

sec-Butylbenzene

Concen: 18.422 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

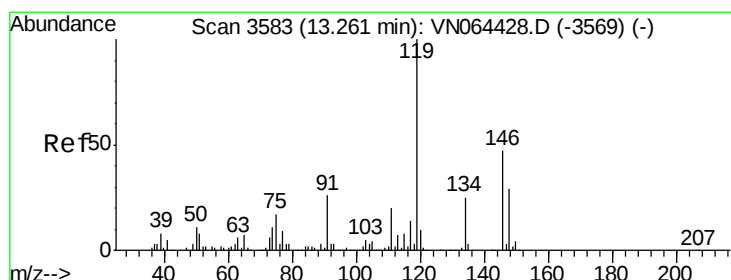
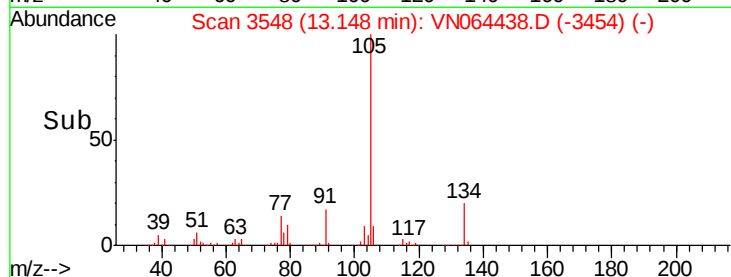
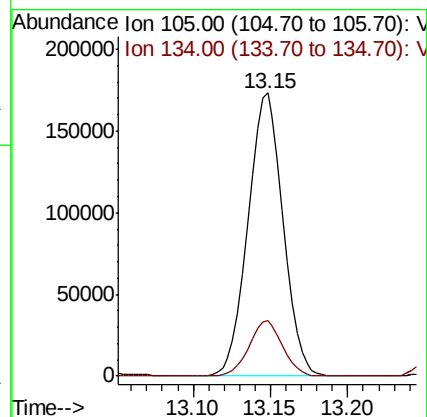
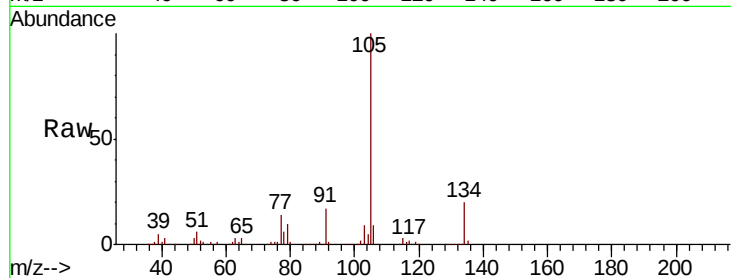
VN1104WBSD01

Tot Ion:105 Resp: 272454

Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.2



#86

p-Isopropyltoluene

Concen: 18.178 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

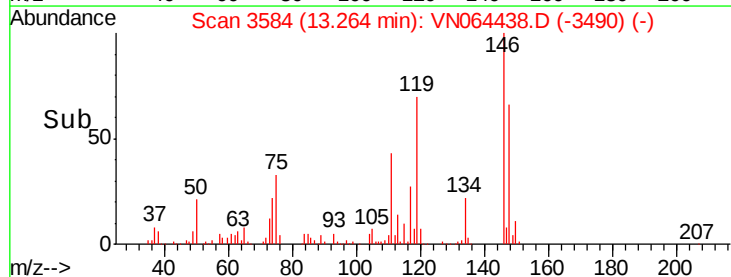
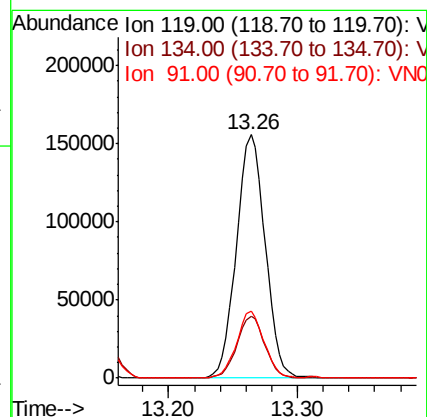
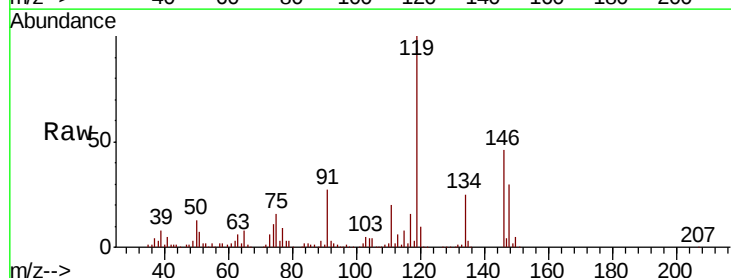
Tgt Ion:119 Resp: 241829

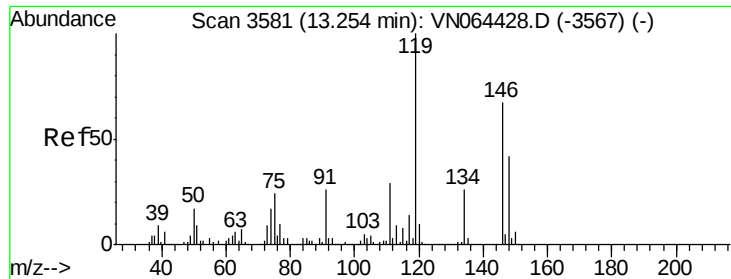
Ion Ratio Lower Upper

119 100

134 24.5 12.6 37.6

91 26.0 12.8 38.3





#87

1,3-Dichlorobenzene

Concen: 17.920 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampleId :

VN1104WBSD01

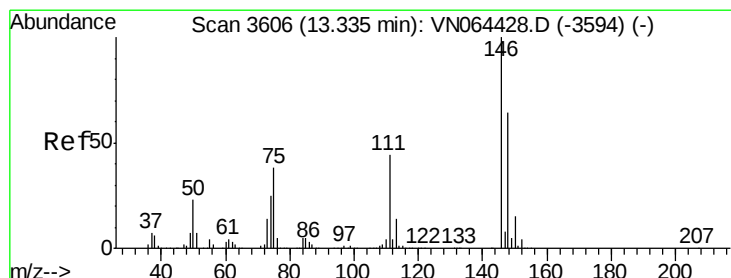
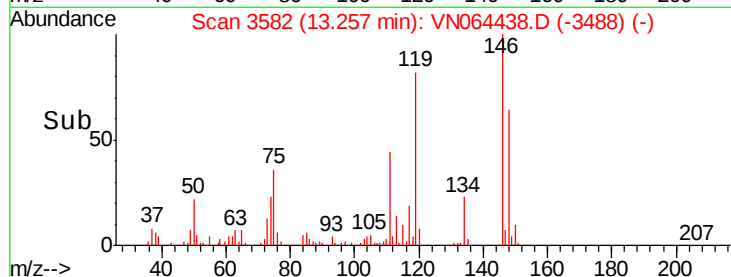
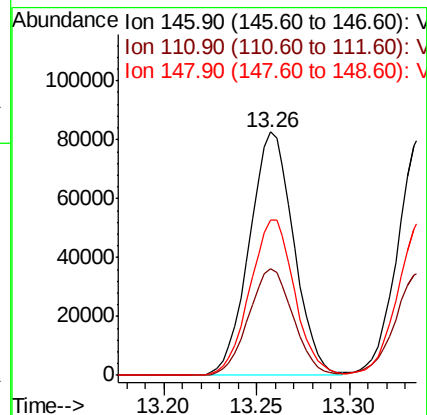
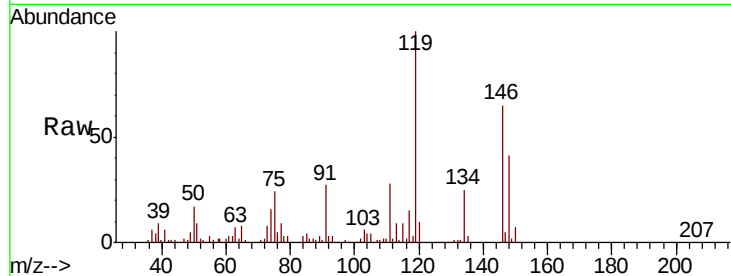
Tot Ion:146 Resp: 137071

Ion Ratio Lower Upper

146 100

111 43.9 22.1 66.1

148 64.4 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 17.269 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

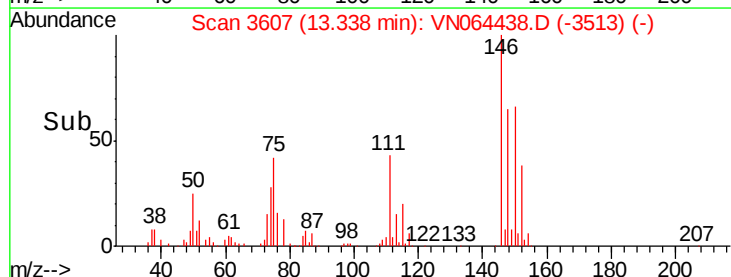
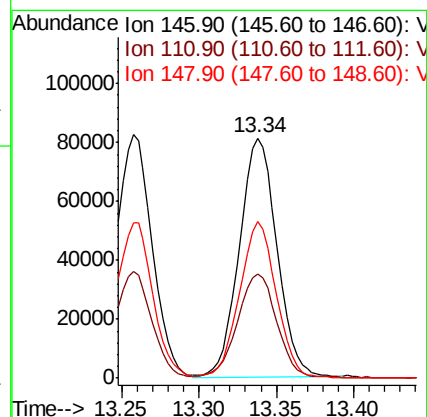
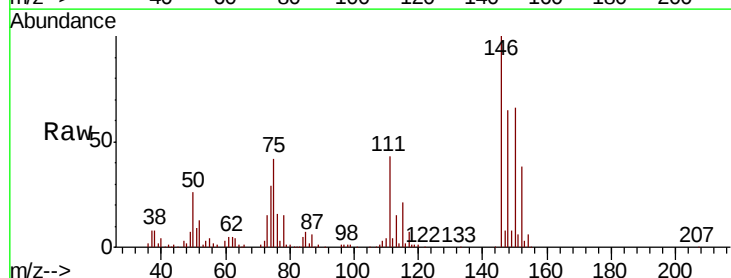
Tgt Ion:146 Resp: 136513

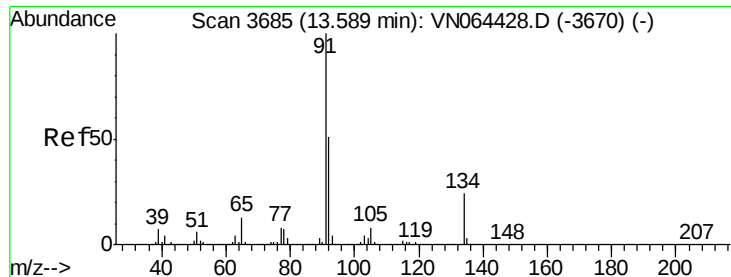
Ion Ratio Lower Upper

146 100

111 45.5 21.8 65.3

148 63.7 32.4 97.2

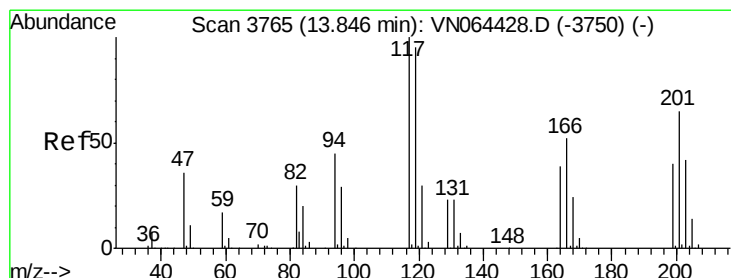
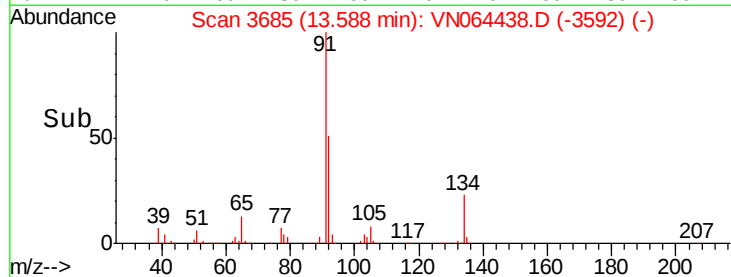
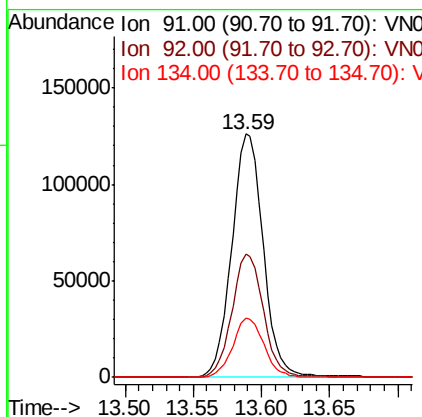
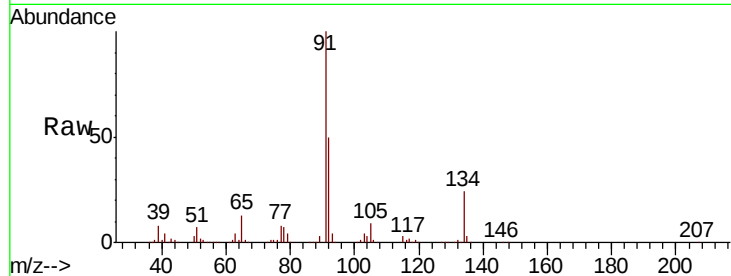




#89
n-Butylbenzene
Concen: 17.649 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

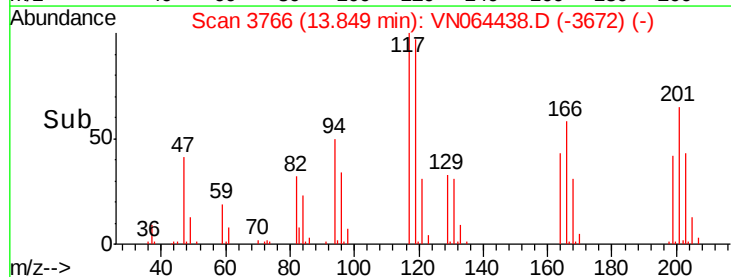
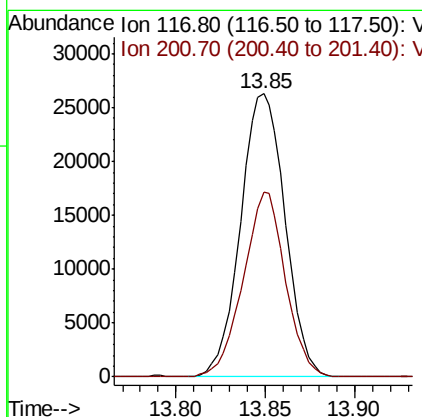
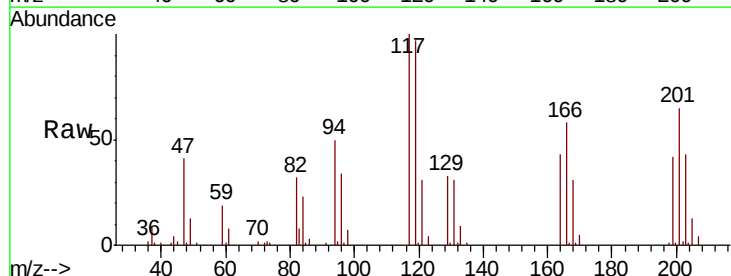
Instrument :
MSVOA_N
ClientSampled :
VN1104WBSD01

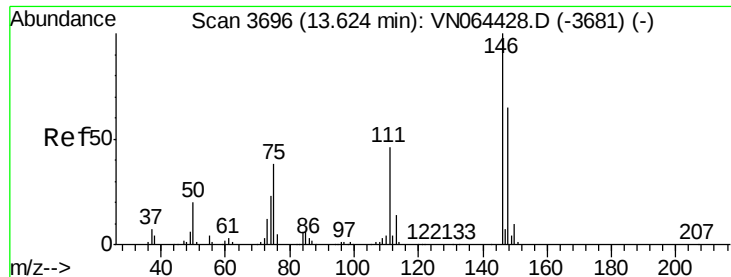
Tot Ion: 91 Resp: 201873
Ion Ratio Lower Upper
91 100
92 50.8 25.3 75.9
134 24.3 11.8 35.4



#90
Hexachloroethane
Concen: 17.837 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion: 117 Resp: 45774
Ion Ratio Lower Upper
117 100
201 61.9 32.5 97.5





#91

1,2-Dichlorobenzene

Concen: 18.608 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

Instrument :

MSVOA_N

ClientSampled :

VN1104WBSD01

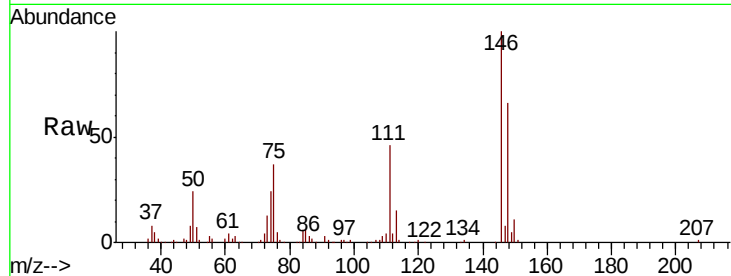
Tot Ion:146 Resp: 136917

Ion Ratio Lower Upper

146 100

111 46.0 22.9 68.7

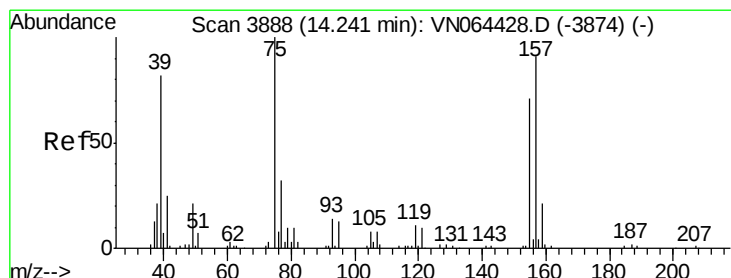
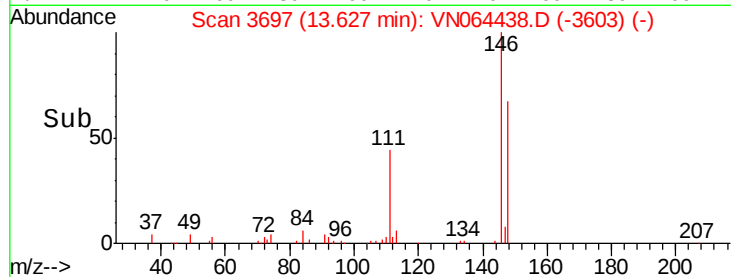
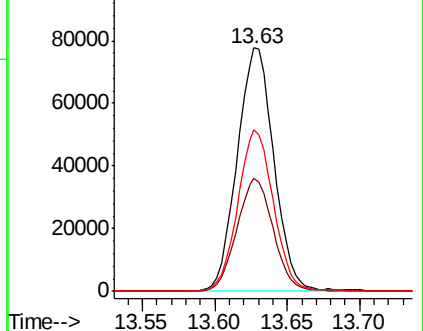
148 64.6 32.0 96.2



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: 18.984 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064438.D

Acq: 4 Nov 2020 16:00

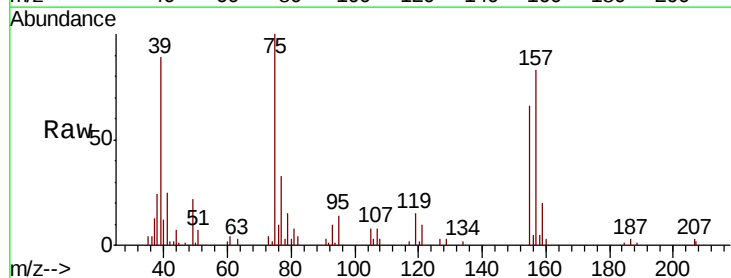
Tgt Ion: 75 Resp: 21041

Ion Ratio Lower Upper

75 100

155 70.1 34.6 103.9

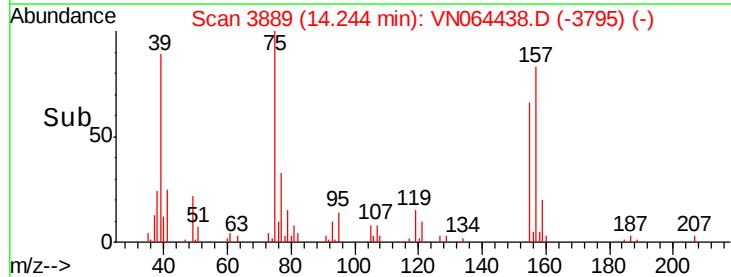
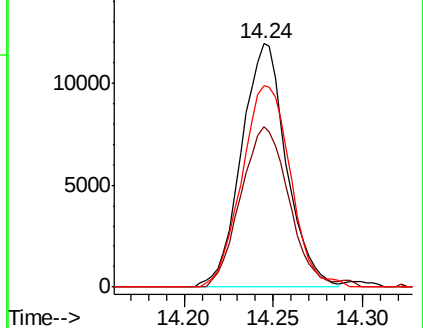
157 89.5 43.0 128.8

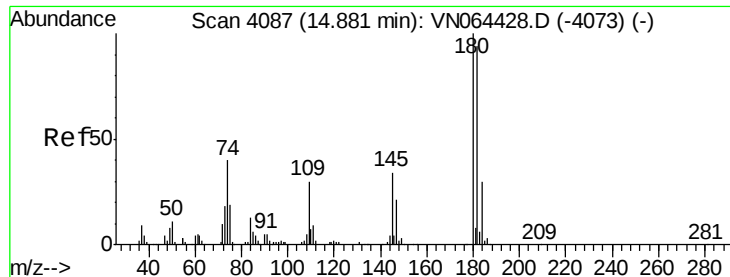


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

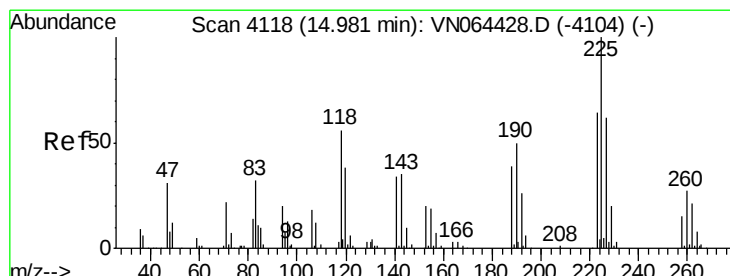
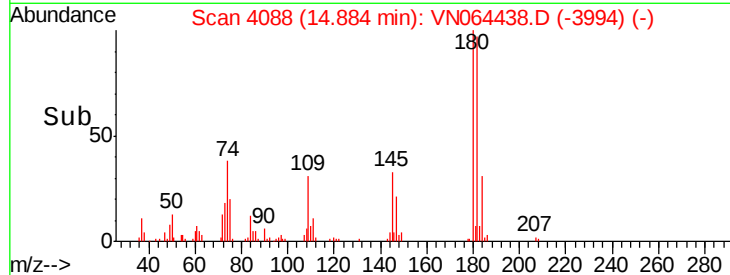
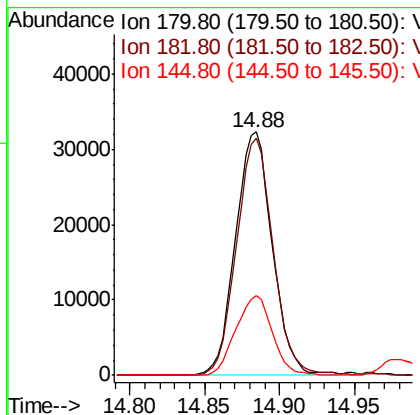
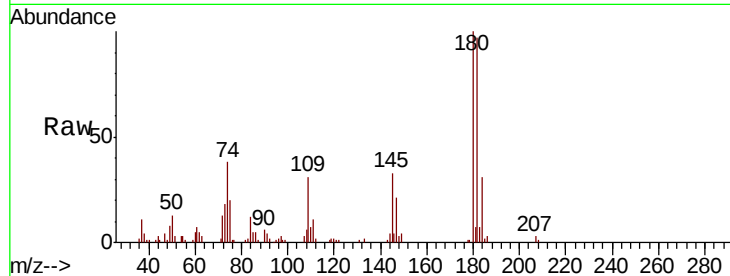




#93
 1,2,4-Trichlorobenzene
 Concen: 16.997 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

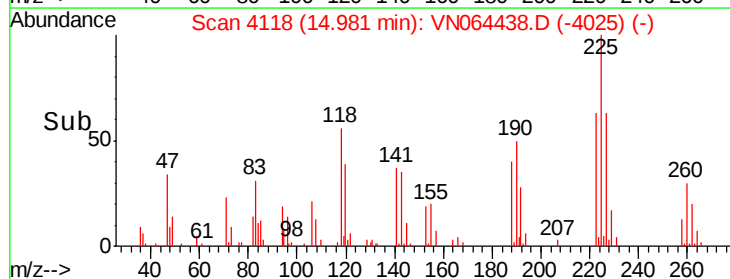
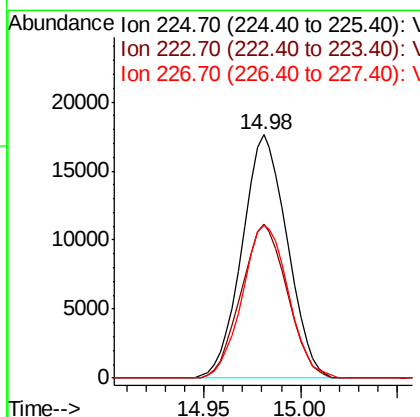
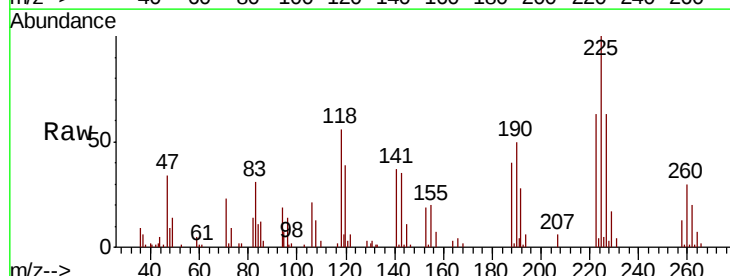
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1104WBSD01

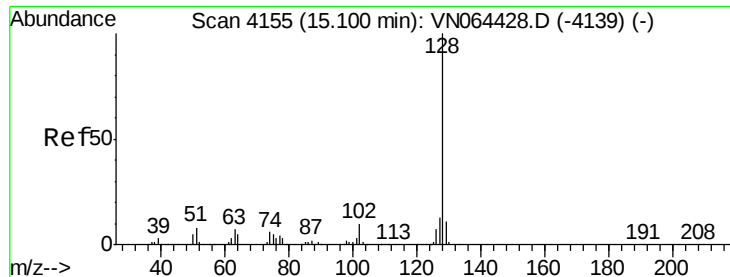
Tot Ion:180 Resp: 55396
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.3 142.0
 145 32.2 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 19.120 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064438.D
 Acq: 4 Nov 2020 16:00

Tgt Ion:225 Resp: 28643
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.8 95.4
 227 64.0 31.8 95.4

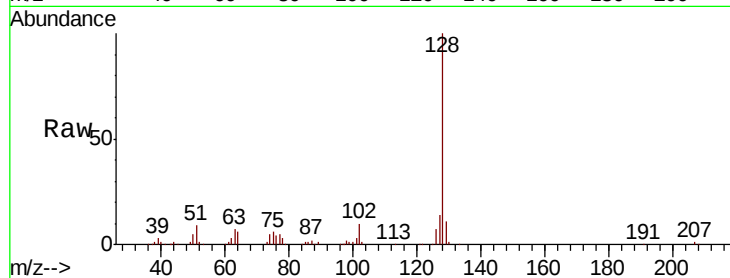




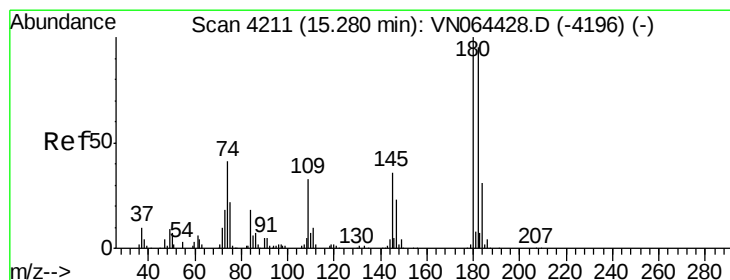
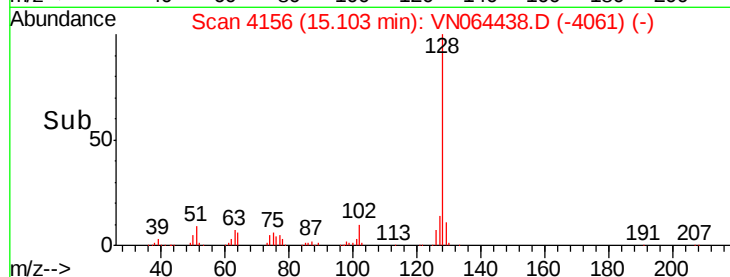
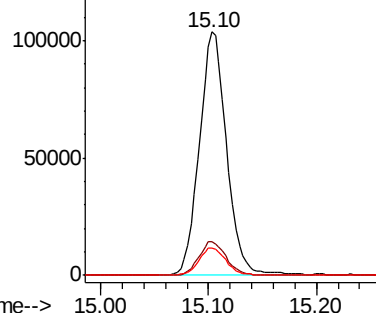
#95
Naphthalene
Concen: 17.218 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Instrument :
MSVOA_N
ClientSampled :
VN1104WBSD01

Tot Ion:128 Resp: 183315
Ion Ratio Lower Upper
128 100
127 13.7 10.5 15.7
129 11.1 8.8 13.2

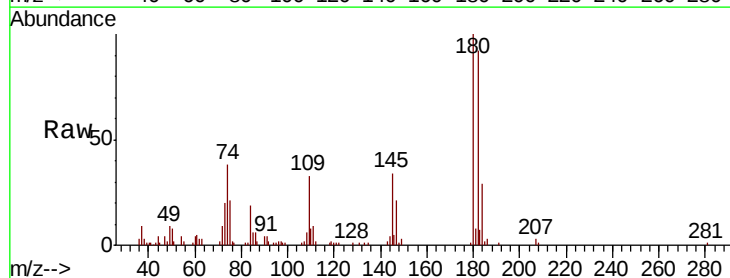


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.958 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064438.D
Acq: 4 Nov 2020 16:00

Tgt Ion:180 Resp: 56907
Ion Ratio Lower Upper
180 100
182 91.7 47.7 143.1
145 35.4 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

