

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100820\
 Data File : VN063984.D
 Acq On : 8 Oct 2020 12:31
 Operator : JC/MD
 Sample : VN1008WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

Quant Time: Oct 09 04:01:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	268121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	431059	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	405348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185543	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	216113	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	7.55	113	152853	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.06	98	549097	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.38	95	203685	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	45976	16.251	ug/l	98
3) Chloromethane	2.04	50	57911	17.445	ug/l	100
4) Vinyl Chloride	2.17	62	55438	16.637	ug/l	100
5) Bromomethane	2.54	94	33881	16.165	ug/l	95
6) Chloroethane	2.68	64	36536	18.349	ug/l	99
7) Trichlorofluoromethane	2.99	101	95005	17.977	ug/l	97
8) Diethyl Ether	3.37	74	33783	18.902	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52916	18.734	ug/l	97
10) Methyl Iodide	3.91	142	52443	15.990	ug/l	98
11) Tert butyl alcohol	4.73	59	47672	97.482	ug/l #	88
12) 1,1-Dichloroethene	3.69	96	47095	17.443	ug/l	99
13) Acrolein	3.57	56	30950	103.117	ug/l	96
14) Allyl chloride	4.28	41	92715	18.484	ug/l	96
15) Acrylonitrile	4.93	53	142927	102.103	ug/l	100
16) Acetone	3.77	43	137125	100.564	ug/l	99
17) Carbon Disulfide	4.01	76	124848	17.569	ug/l	98
18) Methyl Acetate	4.28	43	76086	21.491	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	187383	19.103	ug/l	100
20) Methylene Chloride	4.51	84	62494	20.068	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	53106	17.560	ug/l	97
22) Diisopropyl ether	5.90	45	214036	20.740	ug/l	94
23) Vinyl Acetate	5.84	43	860876	100.703	ug/l	98
24) 1,1-Dichloroethane	5.80	63	111828	18.952	ug/l	98
25) 2-Butanone	6.78	43	199568	103.233	ug/l	98
26) 2,2-Dichloropropane	6.77	77	97939	18.124	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	66198	19.033	ug/l	98
28) Bromochloromethane	7.15	49	52369	17.957	ug/l	97
29) Tetrahydrofuran	7.16	42	136051	104.931	ug/l	94
30) Chloroform	7.33	83	120426	19.573	ug/l	94
31) Cyclohexane	7.61	56	90064	17.514	ug/l #	94
32) 1,1,1-Trichloroethane	7.53	97	102899	18.542	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80881	18.521	ug/l	100
37) Ethyl Acetate	6.88	43	81489	18.782	ug/l	99
38) Carbon Tetrachloride	7.73	117	90836	18.549	ug/l	95

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75482	17.332	ug/l	97
40) Benzene	8.00	78	240283	19.264	ug/l	99
41) Methacrylonitrile	7.16	41	127914	66.335	ug/l #	23
42) 1,2-Dichloroethane	8.09	62	103574	19.453	ug/l	99
43) Isopropyl Acetate	8.13	43	146466	20.466	ug/l #	90
44) Trichloroethene	8.80	130	61176	18.719	ug/l	99
45) 1,2-Dichloropropane	9.08	63	68351	20.290	ug/l	98
46) Dibromomethane	9.17	93	45152	19.430	ug/l	98
47) Bromodichloromethane	9.37	83	93966	19.620	ug/l	94
48) Methyl methacrylate	9.16	41	68869	19.478	ug/l	94
49) 1,4-Dioxane	9.17	88	18078	359.753	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	442697	105.410	ug/l	100
52) Toluene	10.13	92	153084	19.842	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	99593	19.399	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	105504	19.650	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	62967	20.351	ug/l	95
56) Ethyl methacrylate	10.40	69	85294	19.448	ug/l	95
57) 1,3-Dichloropropane	10.68	76	106588	20.362	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	220218	93.871	ug/l	100
59) 2-Hexanone	10.72	43	316579	101.472	ug/l	99
60) Dibromochloromethane	10.87	129	68696	19.065	ug/l	95
61) 1,2-Dibromoethane	10.98	107	64124	20.260	ug/l	97
64) Tetrachloroethene	10.60	164	57743	18.413	ug/l	98
65) Chlorobenzene	11.41	112	162576	19.552	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	62449	19.591	ug/l	96
67) Ethyl Benzene	11.49	91	284204	18.784	ug/l	98
68) m/p-Xylenes	11.59	106	213055	37.783	ug/l	99
69) o-Xylene	11.92	106	101776	19.310	ug/l	98
70) Styrene	11.94	104	167979	18.776	ug/l	99
71) Bromoform	12.10	173	46859	19.220	ug/l #	96
73) Isopropylbenzene	12.23	105	265835	19.643	ug/l	99
74) N-amyl acetate	12.04	43	119644	20.394	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	86548	20.914	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	120488	29.458	ug/l #	100
77) Bromobenzene	12.50	156	68042	20.490	ug/l	97
78) n-propylbenzene	12.57	91	305850	19.419	ug/l	100
79) 2-Chlorotoluene	12.65	91	193824	20.010	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	222809	19.624	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	28022	19.732	ug/l	96
82) 4-Chlorotoluene	12.75	91	198627	19.753	ug/l	96
83) tert-Butylbenzene	12.97	119	180068	19.389	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	221843	19.570	ug/l	97
85) sec-Butylbenzene	13.15	105	235573	19.312	ug/l	100
86) p-Isopropyltoluene	13.26	119	207477	19.227	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	118320	19.695	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	120168	19.211	ug/l	98
89) n-Butylbenzene	13.59	91	174697	17.540	ug/l	99
90) Hexachloroethane	13.85	117	40879	19.549	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	118758	19.958	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18749	19.318	ug/l	97

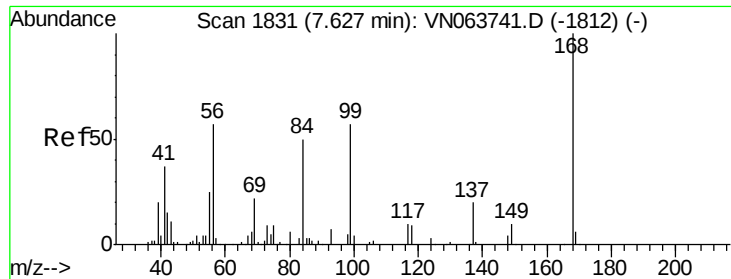
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	52648	17.443	ug/l	97
94) Hexachlorobutadiene	14.98	225	34527	21.439	ug/l	97
95) Naphthalene	15.11	128	154025	16.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	52926	17.904	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

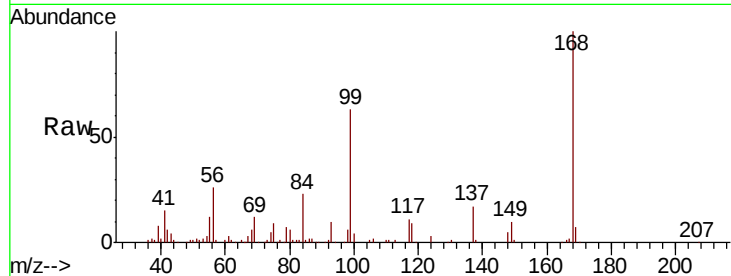
VN1008WBSD01

Tot Ion:168 Resp: 268121

Ion Ratio Lower Upper

168 100

99 63.2 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

120000

100000

80000

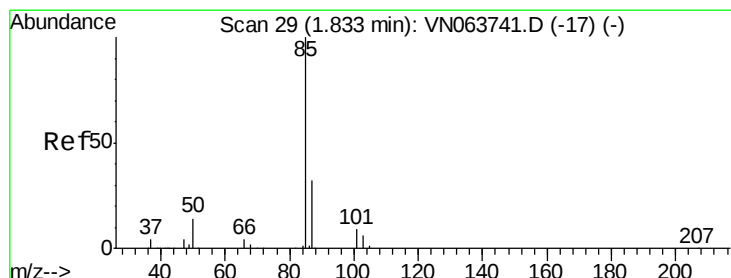
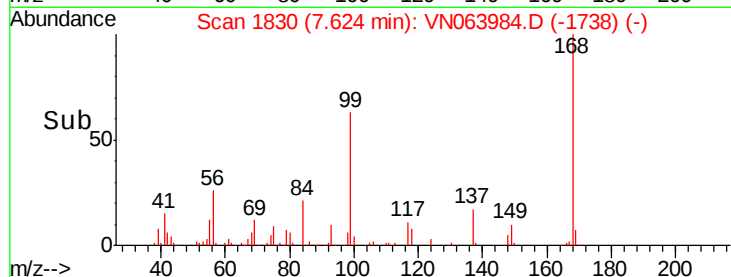
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.251 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063984.D

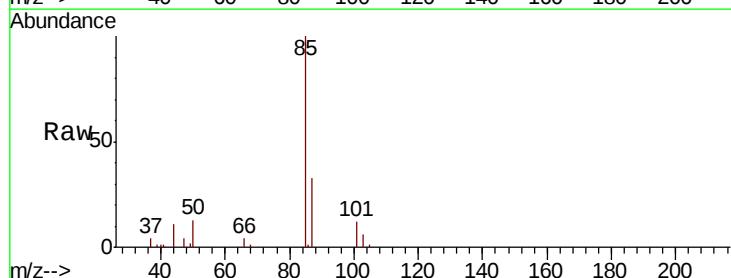
Acq: 8 Oct 2020 12:31

Tgt Ion: 85 Resp: 45976

Ion Ratio Lower Upper

85 100

87 33.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

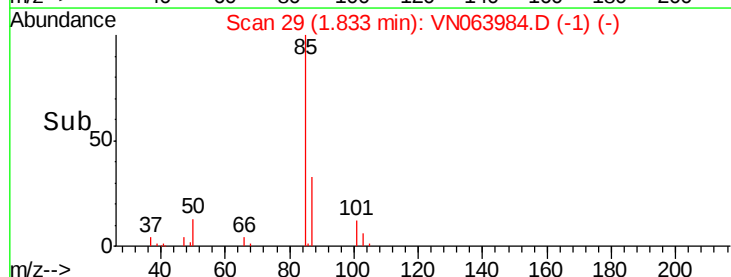
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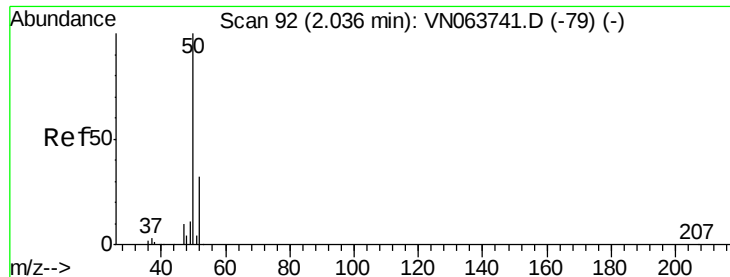
20000

10000

0

Time-->





#3

Chloromethane

Concen: 17.445 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

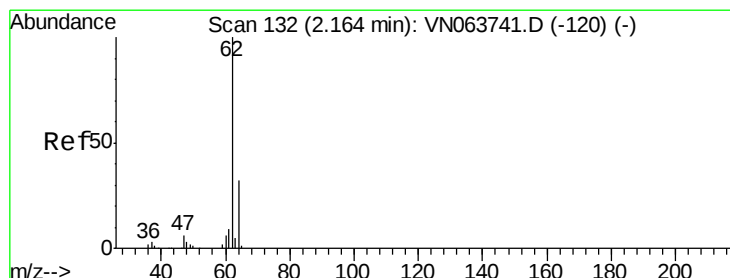
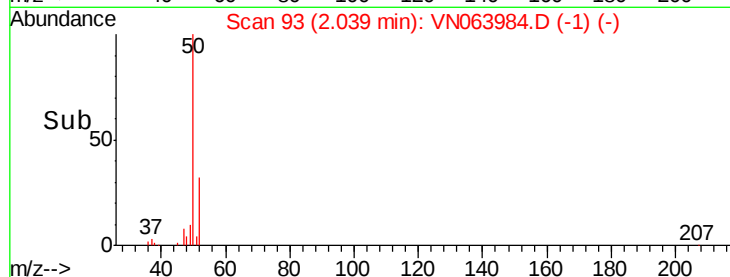
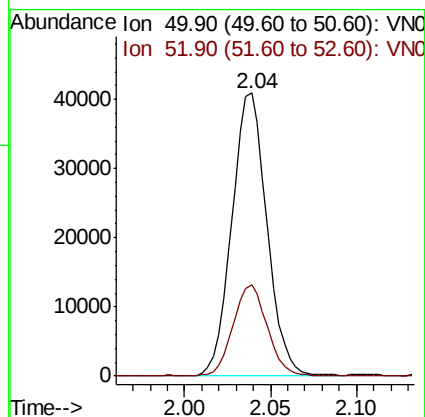
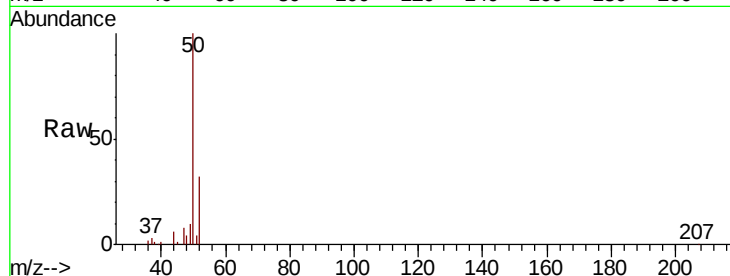
VN1008WBSD01

Tot Ion: 50 Resp: 57911

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



#4

Vinyl Chloride

Concen: 16.637 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063984.D

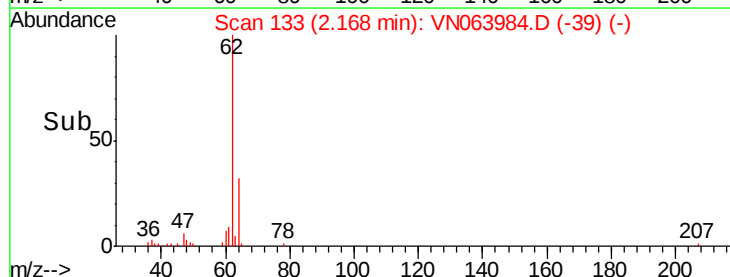
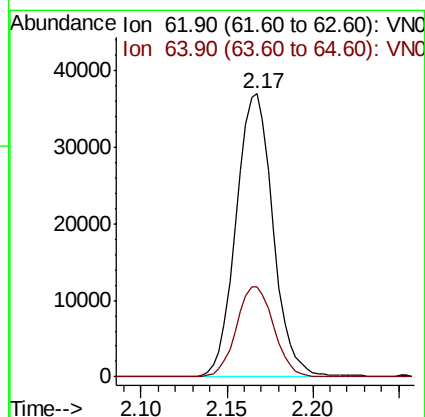
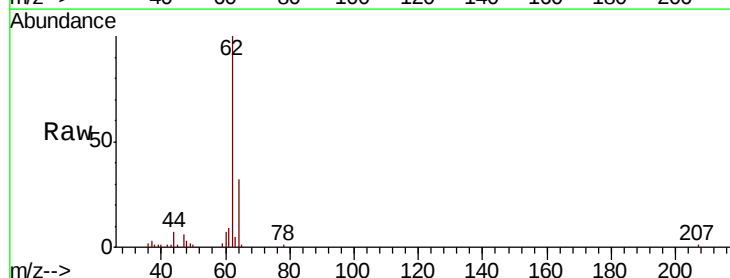
Acq: 8 Oct 2020 12:31

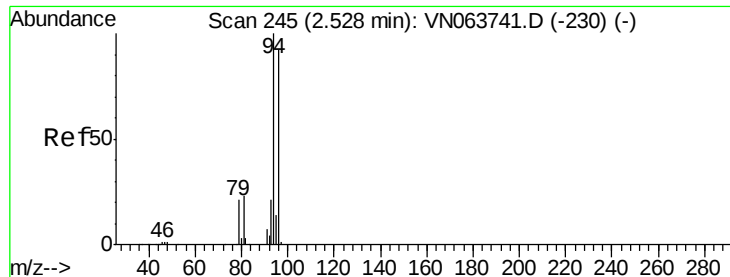
Tgt Ion: 62 Resp: 55438

Ion Ratio Lower Upper

62 100

64 31.8 25.6 38.4





#5

Bromomethane

Concen: 16.165 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

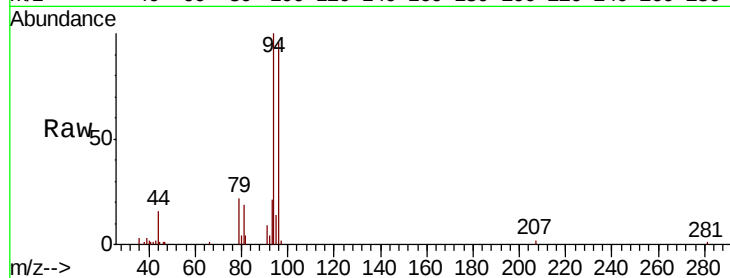
VN1008WBSD01

Tot Ion: 94 Resp: 33881

Ion Ratio Lower Upper

94 100

96 96.5 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

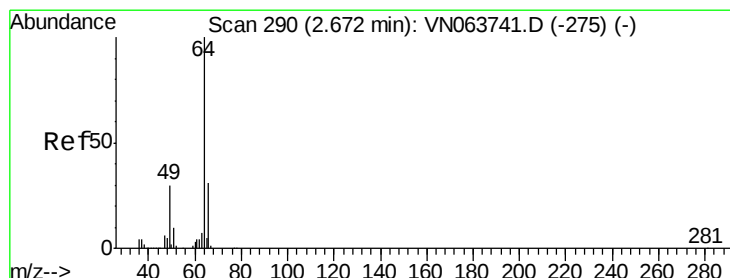
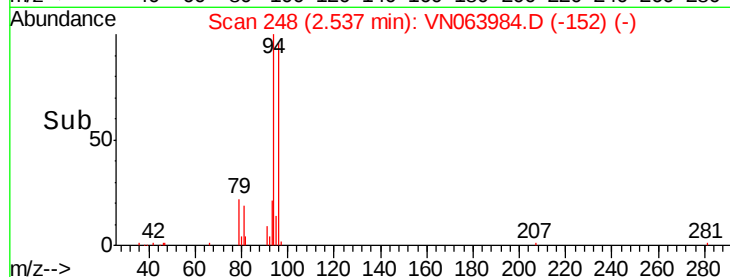
15000

10000

5000

0

Time-->



#6

Chloroethane

Concen: 18.349 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063984.D

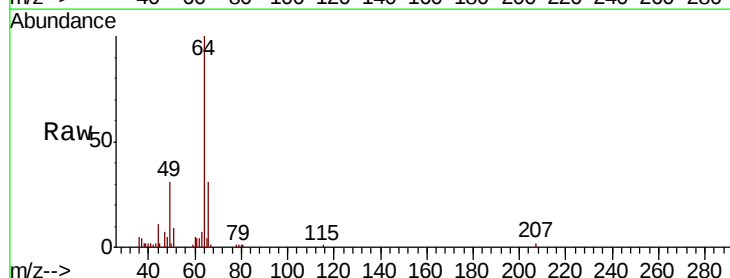
Acq: 8 Oct 2020 12:31

Tgt Ion: 64 Resp: 36536

Ion Ratio Lower Upper

64 100

66 30.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

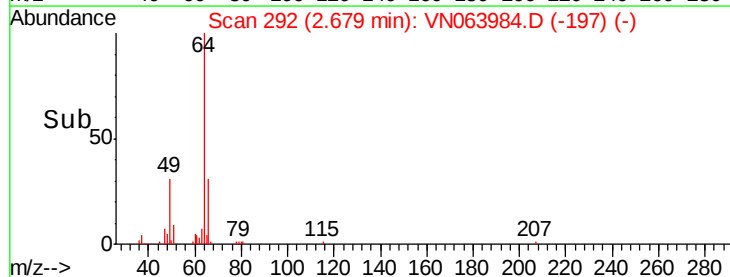
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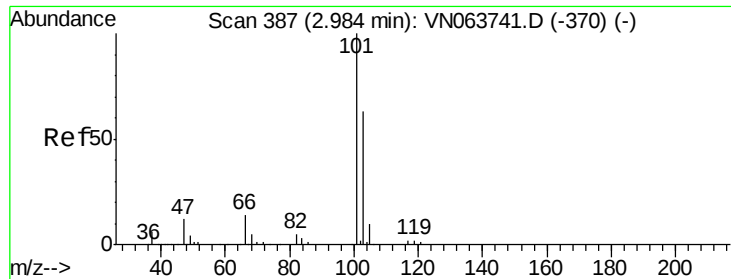
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5000

0

Time-->



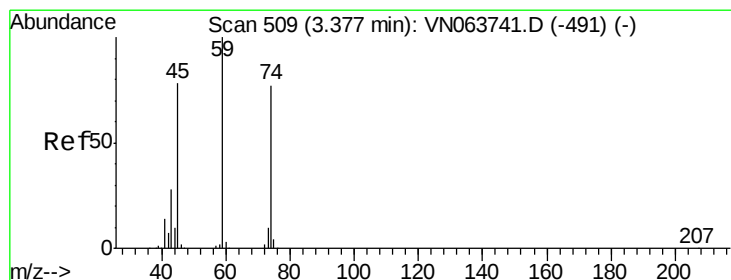
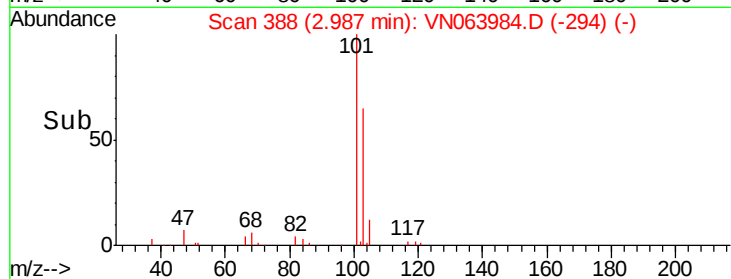
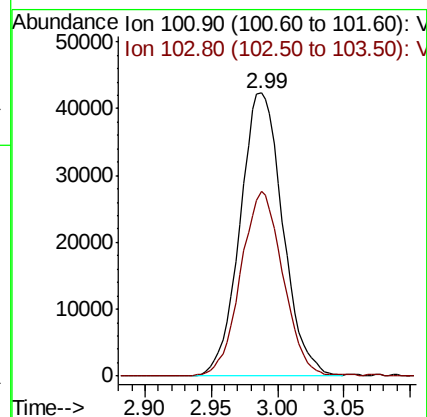
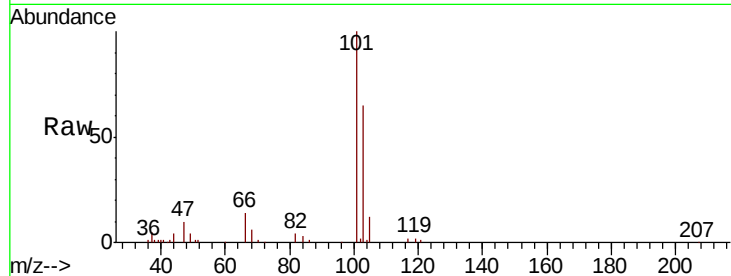


#7

Trichlorofluoromethane
 Concen: 17.977 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

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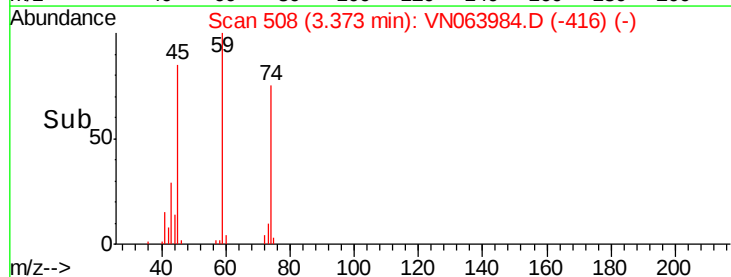
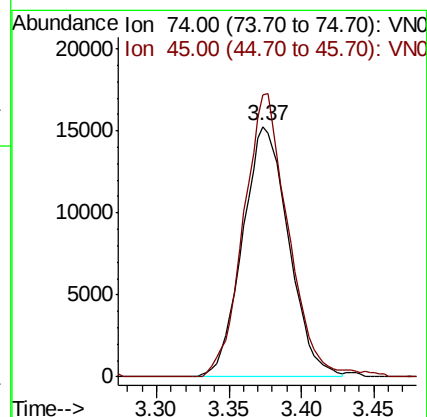
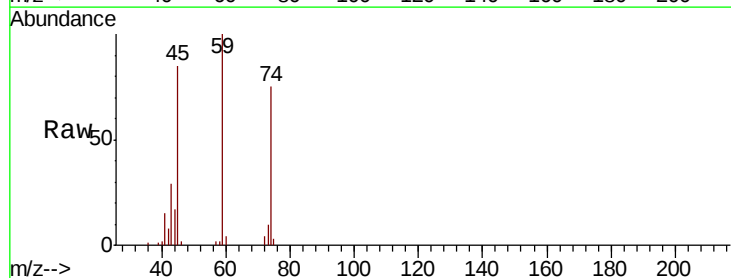
Tot Ion:101 Resp: 95005
 Ion Ratio Lower Upper
 101 100
 103 65.5 50.7 76.1

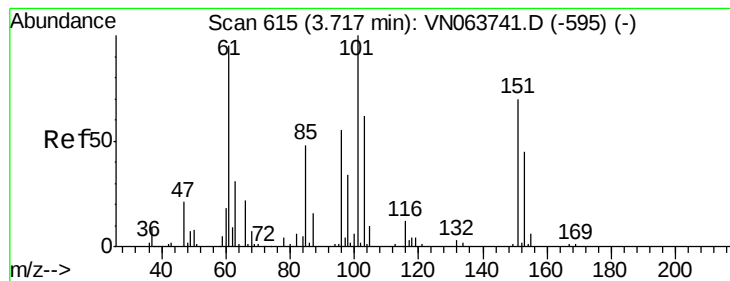


#8

Diethyl Ether
 Concen: 18.902 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Tgt Ion: 74 Resp: 33783
 Ion Ratio Lower Upper
 74 100
 45 110.2 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.734 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

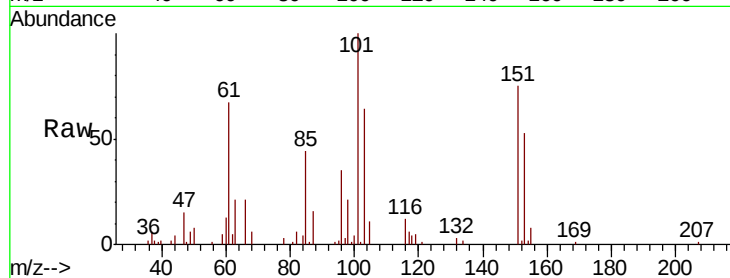
Tot Ion:101 Resp: 52916

Ion Ratio Lower Upper

101 100

85 46.2 38.6 58.0

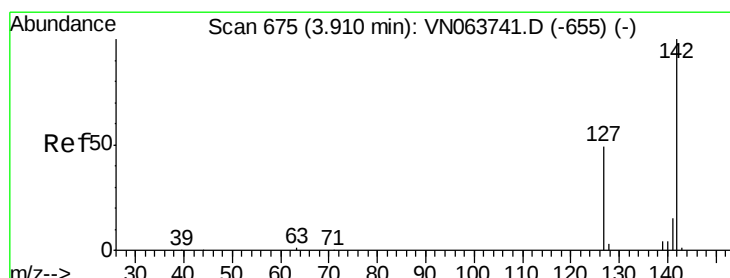
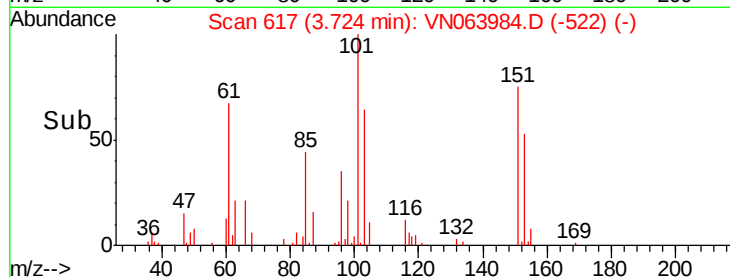
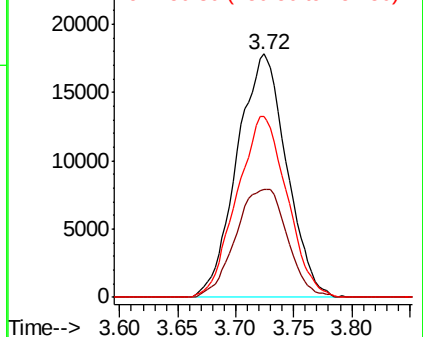
151 75.2 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.990 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

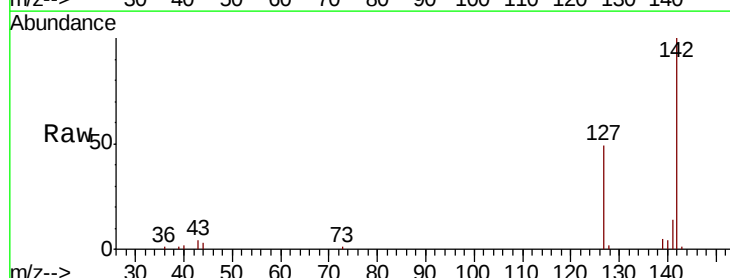
Tgt Ion:142 Resp: 52443

Ion Ratio Lower Upper

142 100

127 49.3 40.5 60.7

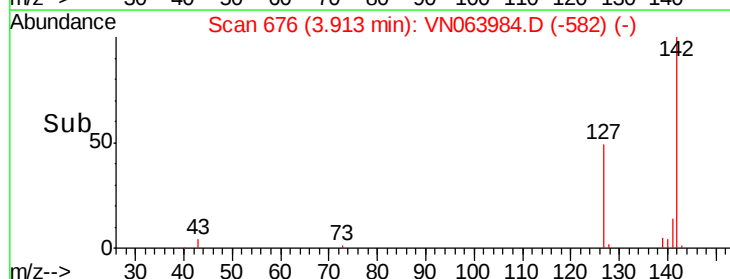
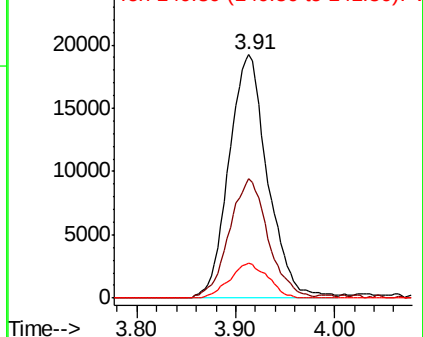
141 14.2 11.7 17.5

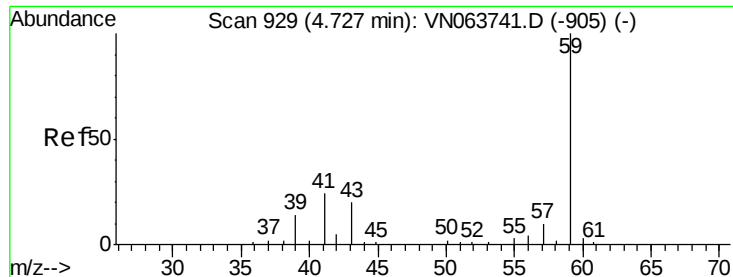


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

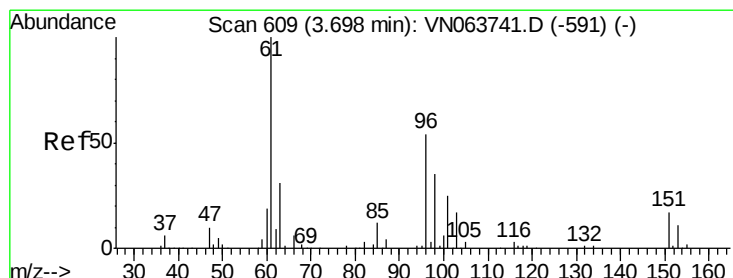
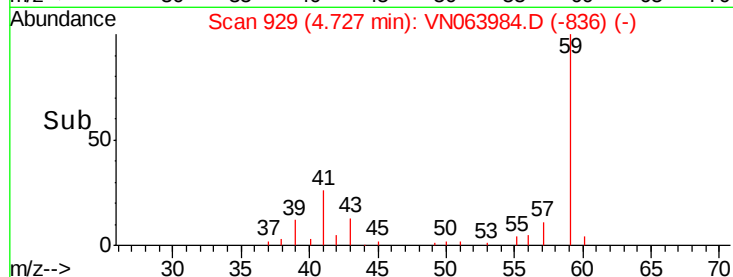
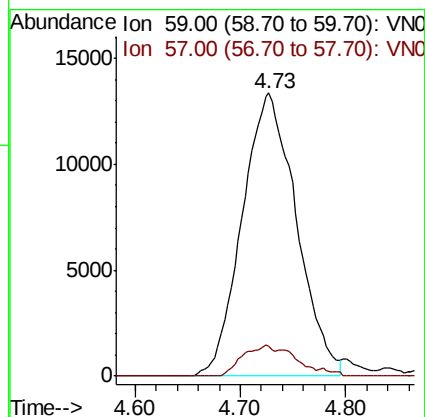
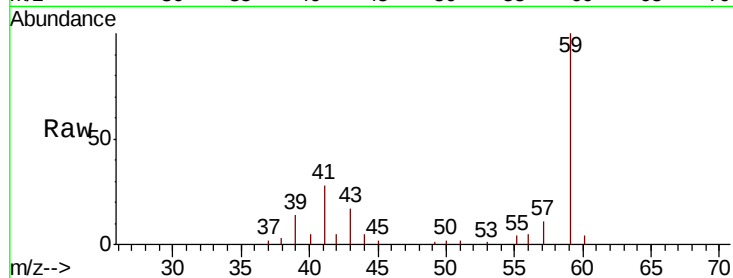




#11
Tert butyl alcohol
Concen: 97.482 ug/l
RT: 4.73 min Scan# 929
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

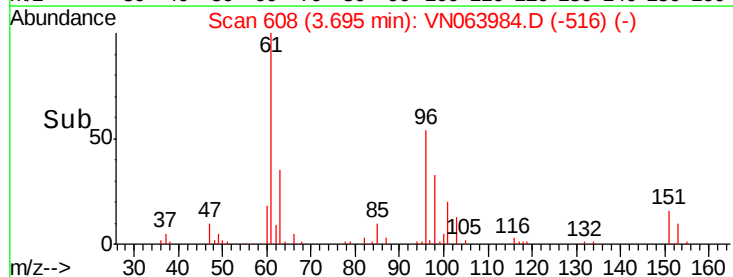
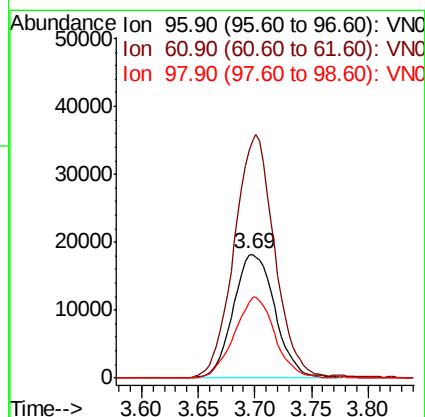
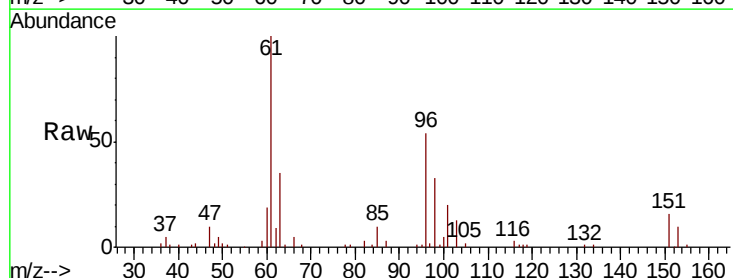
Instrument :
MSVOA_N
ClientSampled :
VN1008WBSD01

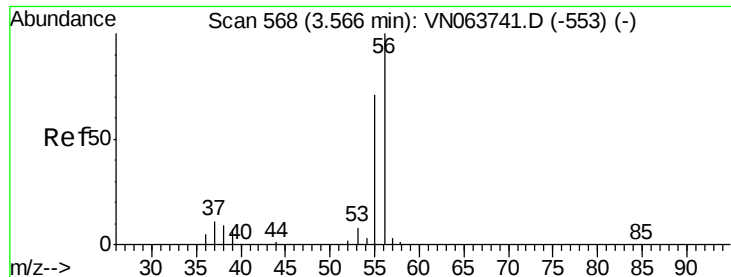
Tot Ion: 59 Resp: 47672
Ion Ratio Lower Upper
59 100
57 6.3 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 17.443 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 96 Resp: 47095
Ion Ratio Lower Upper
96 100
61 184.6 147.7 221.5
98 61.3 51.9 77.9





#13

Acrolein

Concen: 103.117 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

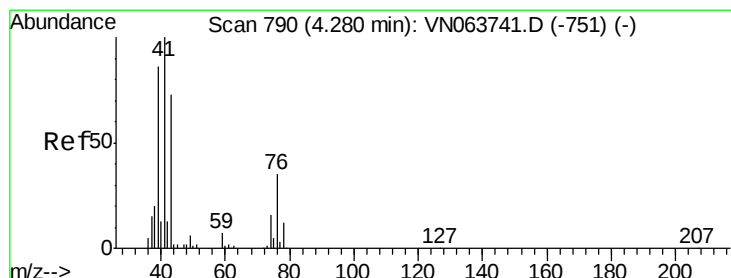
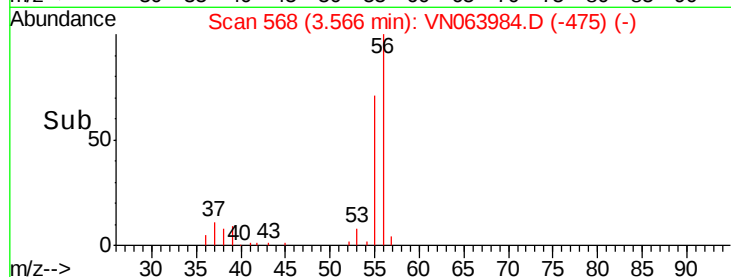
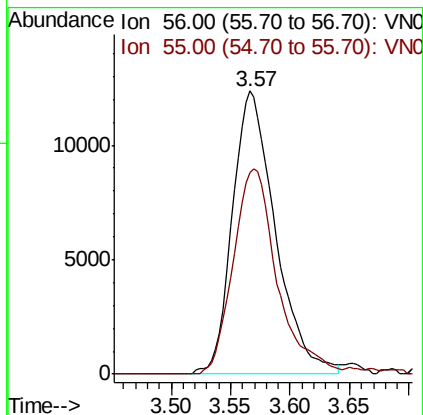
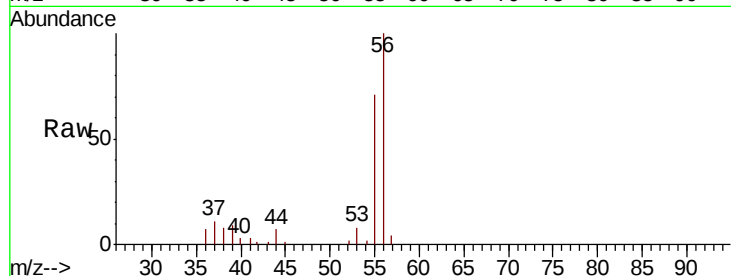
VN1008WBSD01

Tot Ion: 56 Resp: 30950

Ion Ratio Lower Upper

56 100

55 74.0 56.9 85.3



#14

Allyl chloride

Concen: 18.484 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

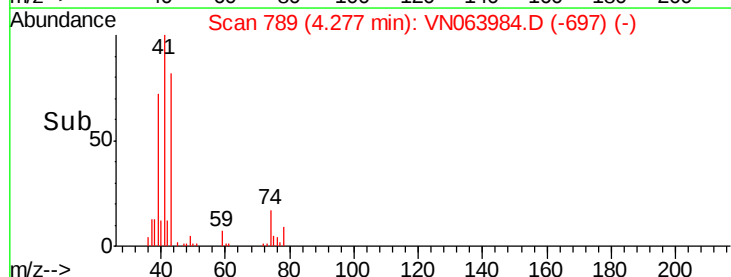
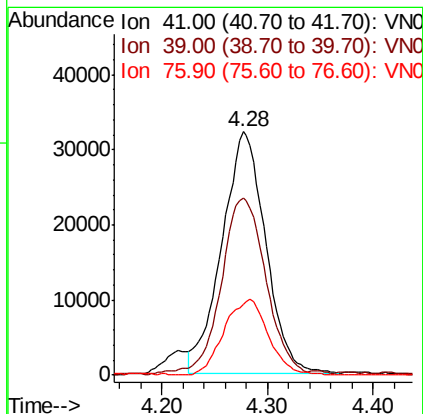
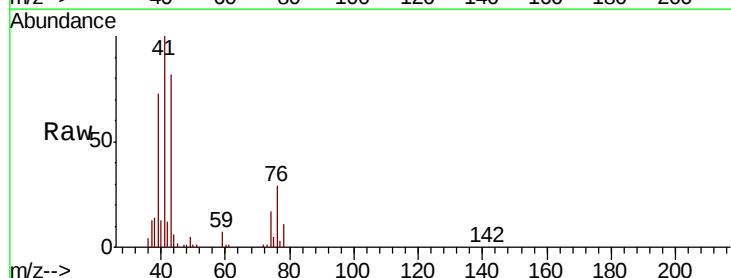
Tgt Ion: 41 Resp: 92715

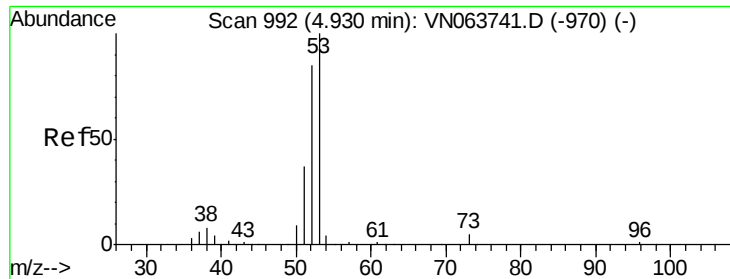
Ion Ratio Lower Upper

41 100

39 75.5 64.5 96.7

76 31.7 25.9 38.9





#15

Acrylonitrile

Concen: 102.103 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

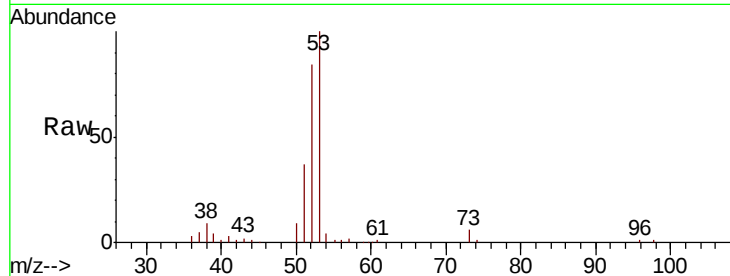
Tot Ion: 53 Resp: 142927

Ion Ratio Lower Upper

53 100

52 83.4 66.5 99.7

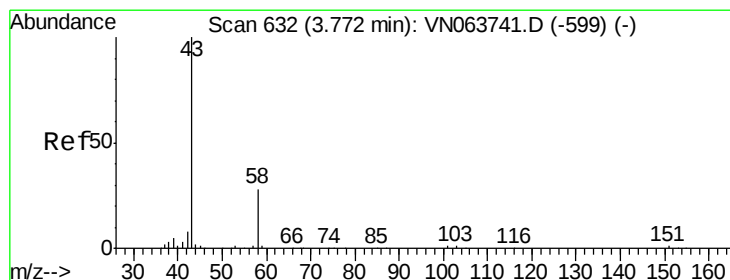
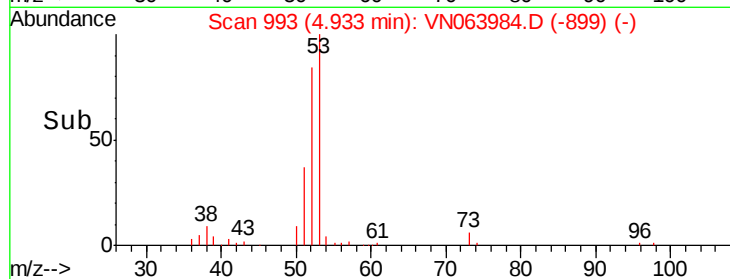
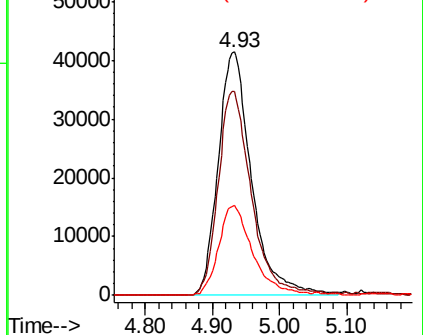
51 37.8 29.9 44.9



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: 100.564 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063984.D

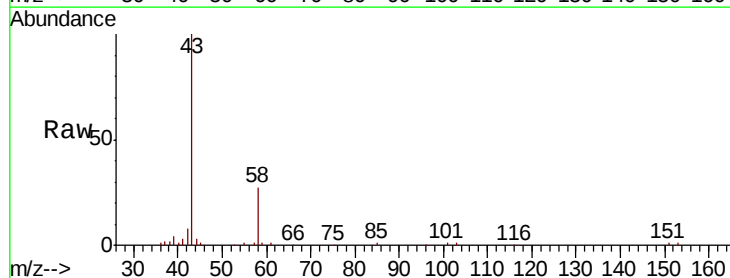
Acq: 8 Oct 2020 12:31

Tgt Ion: 43 Resp: 137125

Ion Ratio Lower Upper

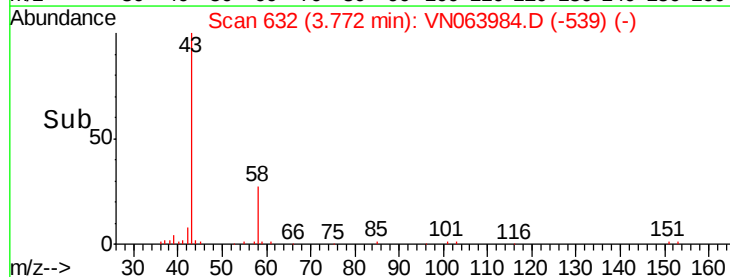
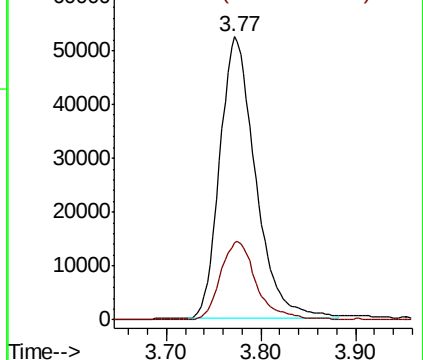
43 100

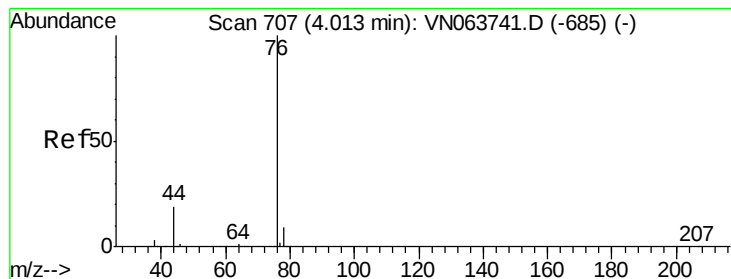
58 27.6 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.569 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

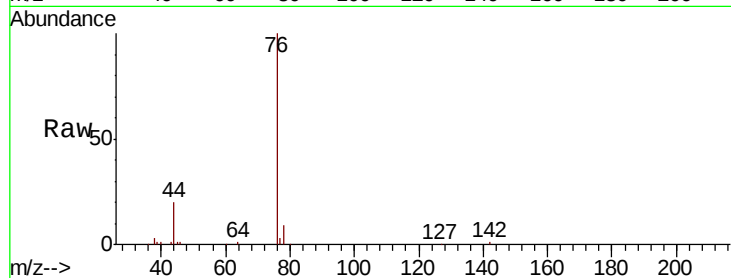
VN1008WBSD01

Tot Ion: 76 Resp: 124848

Ion Ratio Lower Upper

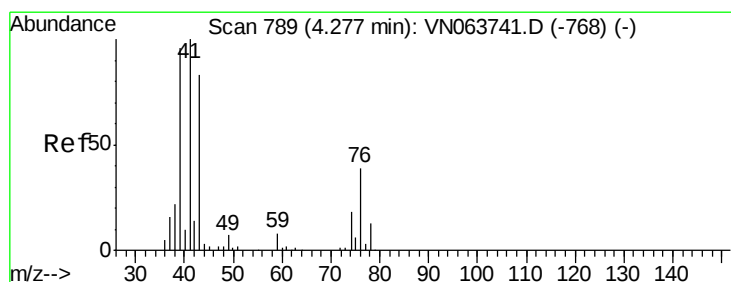
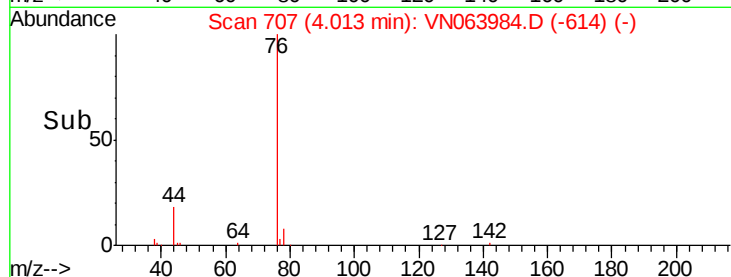
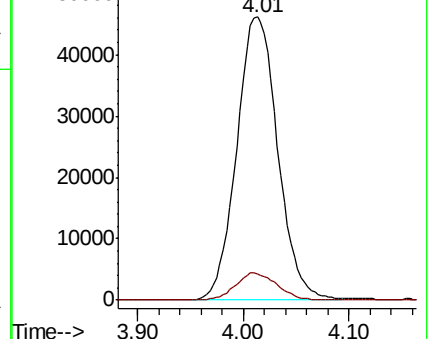
76 100

78 9.4 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 21.491 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063984.D

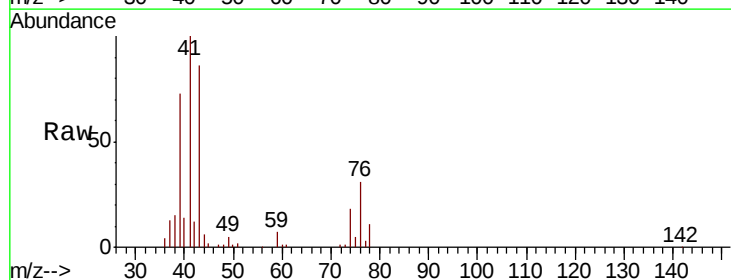
Acq: 8 Oct 2020 12:31

Tgt Ion: 43 Resp: 76086

Ion Ratio Lower Upper

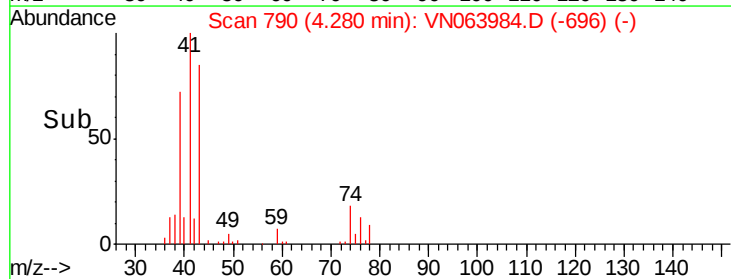
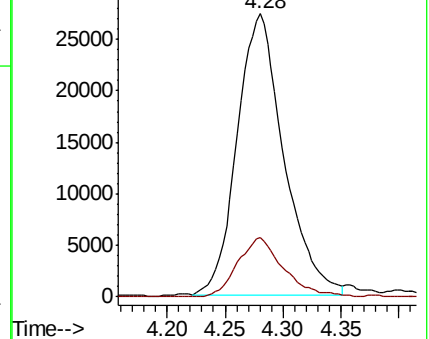
43 100

74 20.7 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

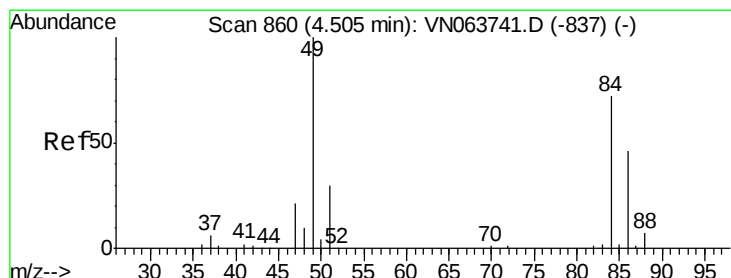
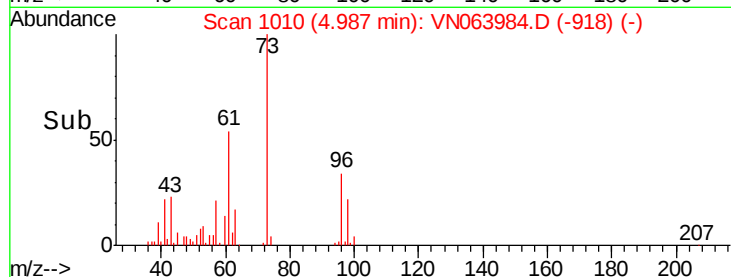
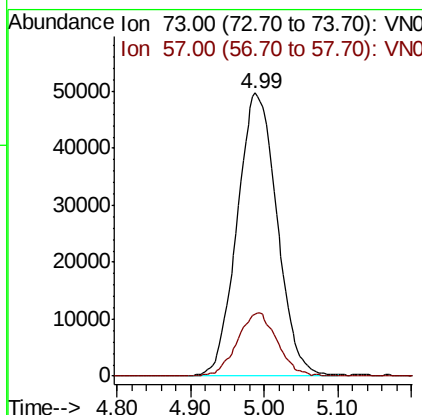
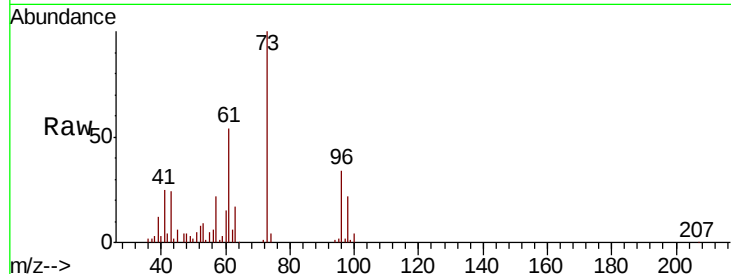




#19
Methyl tert-butyl Ether
Concen: 19.103 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

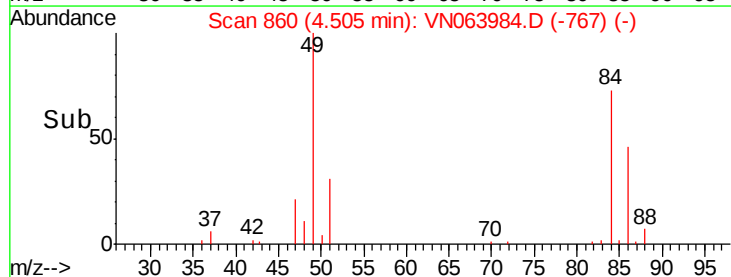
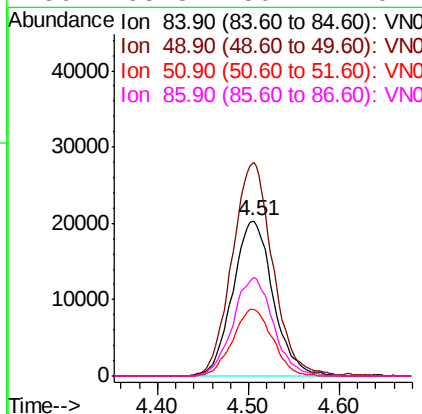
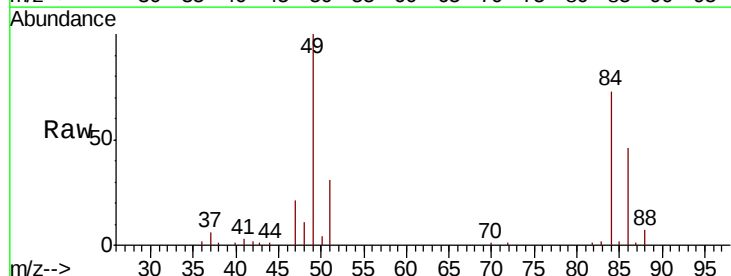
Instrument :
MSVOA_N
ClientSampled :
VN1008WBSD01

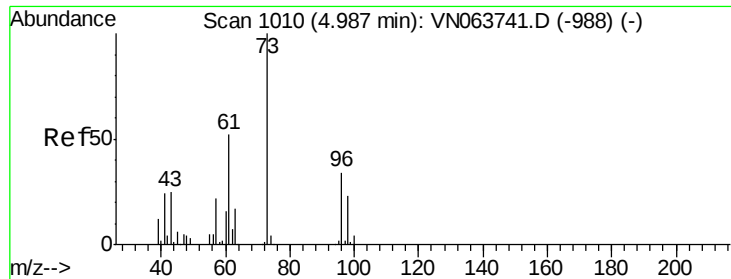
Tot Ion: 73 Resp: 187383
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#20
Methylene Chloride
Concen: 20.068 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 84 Resp: 62494
Ion Ratio Lower Upper
84 100
49 137.7 110.4 165.6
51 43.2 33.3 49.9
86 63.3 50.7 76.1

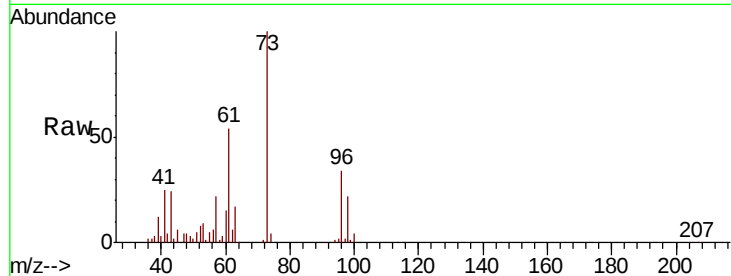




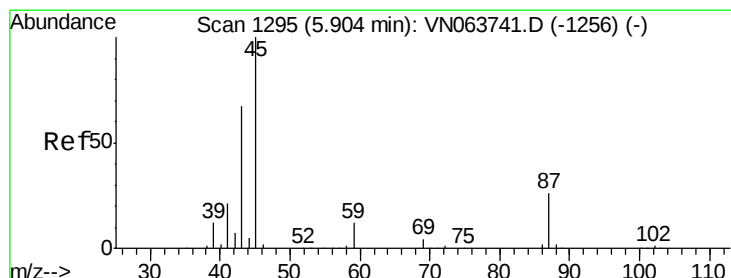
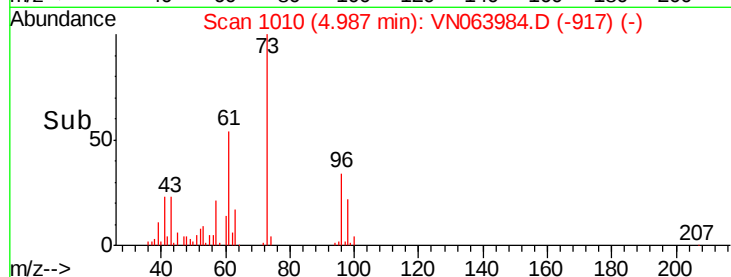
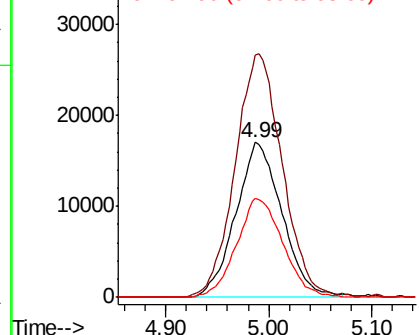
#21
trans-1,2-Dichloroethene
Concen: 17.560 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Instrument :
MSVOA_N
ClientSampled :
VN1008WBSD01

Tot Ion: 96 Resp: 53106
Ion Ratio Lower Upper
96 100
61 155.2 120.2 180.2
98 63.9 52.6 79.0

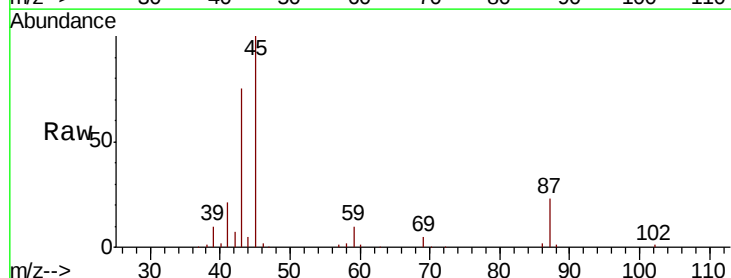


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

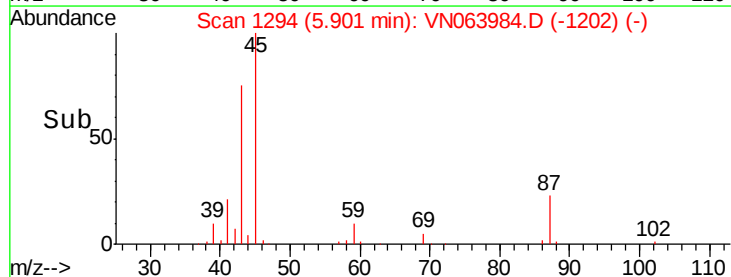
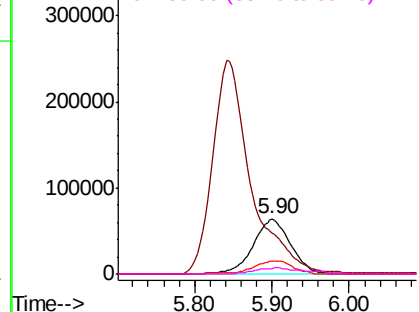


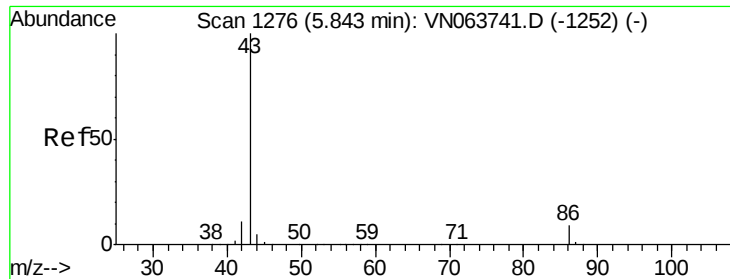
#22
Diisopropyl ether
Concen: 20.740 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 45 Resp: 214036
Ion Ratio Lower Upper
45 100
43 71.8 53.7 80.5
87 22.9 21.1 31.7
59 9.7 9.2 13.8



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

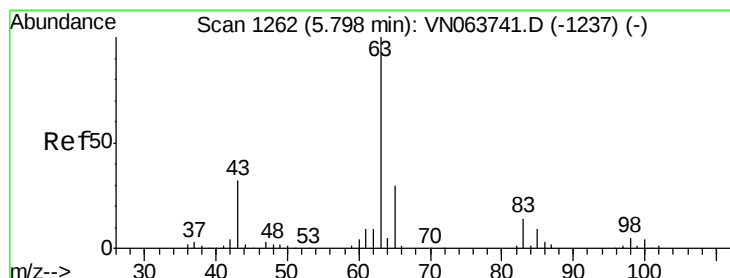
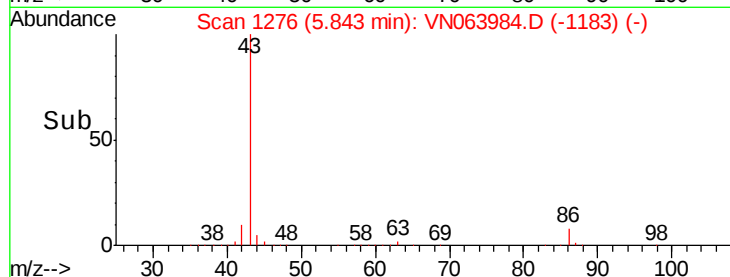
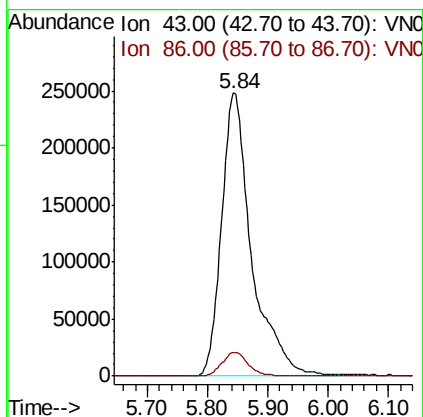
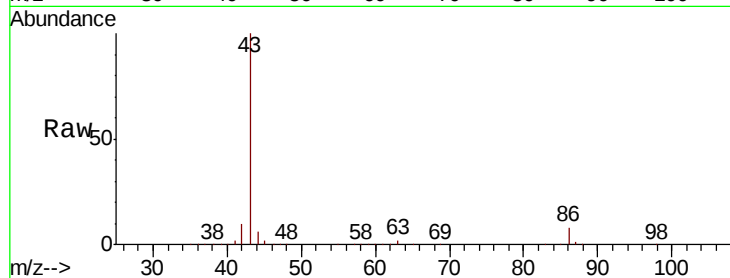




#23
 Vinyl Acetate
 Concen: 100.703 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

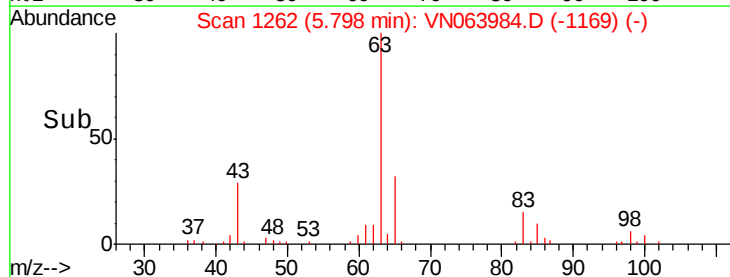
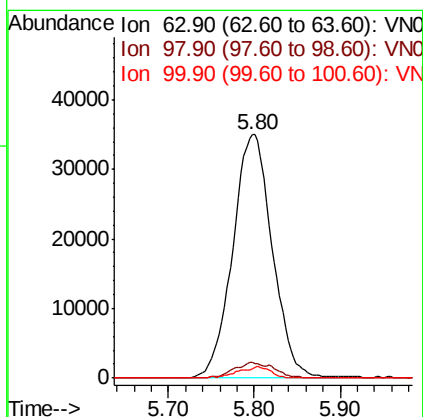
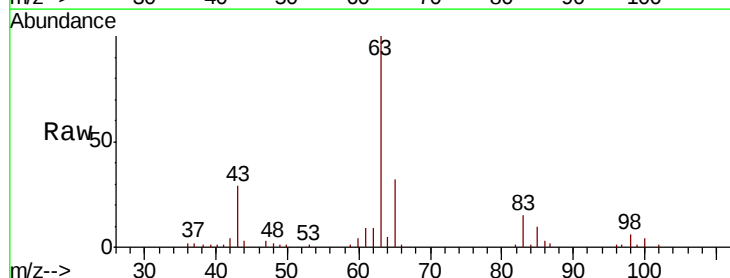
Instrument :
 MSVOA_N
 ClientSampleID :
 VN1008WBSD01

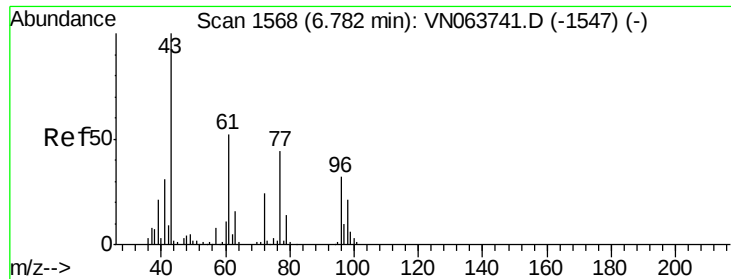
Tot Ion: 43 Resp: 860876
 Ion Ratio Lower Upper
 43 100
 86 8.2 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 18.952 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Tgt Ion: 63 Resp: 111828
 Ion Ratio Lower Upper
 63 100
 98 6.5 2.7 8.1
 100 3.8 1.9 5.7





#25

2-Butanone

Concen: 103.233 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

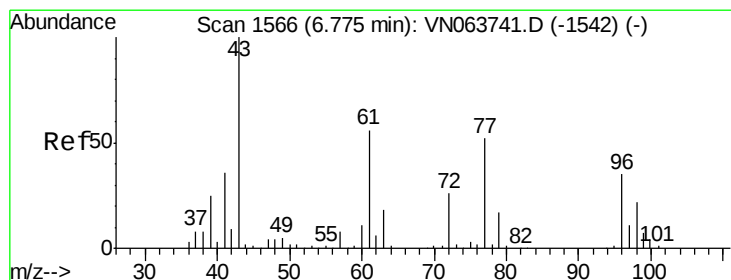
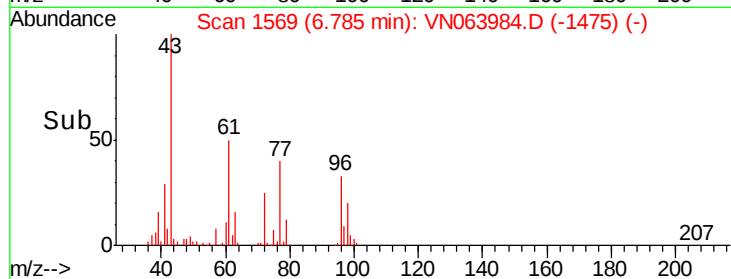
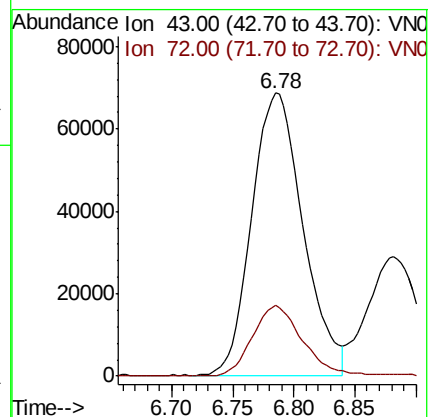
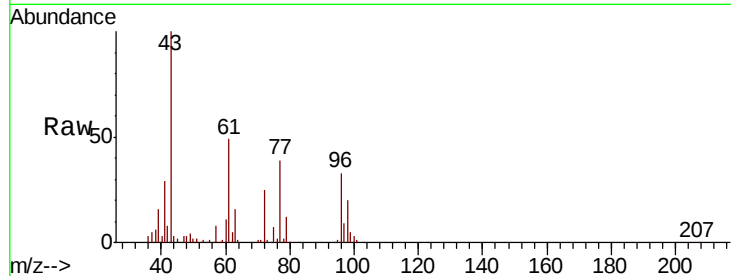
VN1008WBSD01

Tot Ion: 43 Resp: 199568

Ion Ratio Lower Upper

43 100

72 25.0 19.3 28.9



#26

2,2-Dichloropropane

Concen: 18.124 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN063984.D

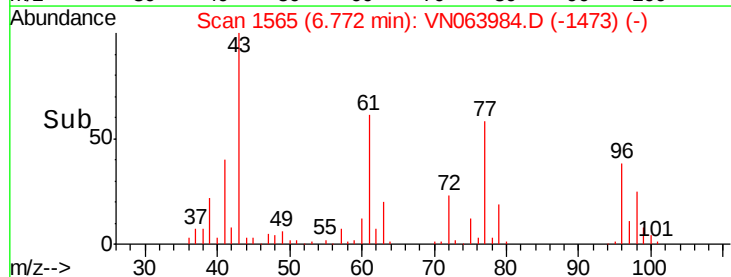
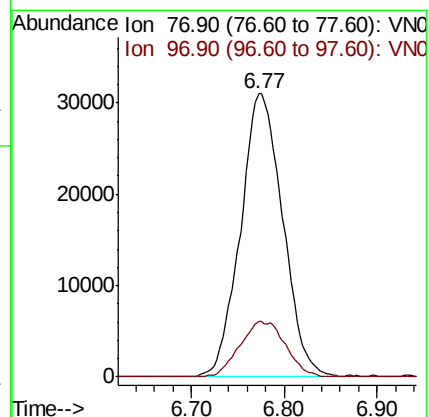
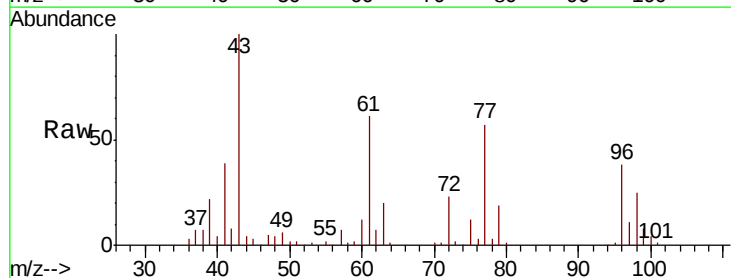
Acq: 8 Oct 2020 12:31

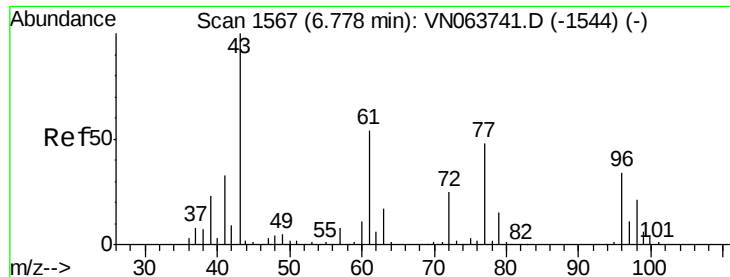
Tgt Ion: 77 Resp: 97939

Ion Ratio Lower Upper

77 100

97 21.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 19.033 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

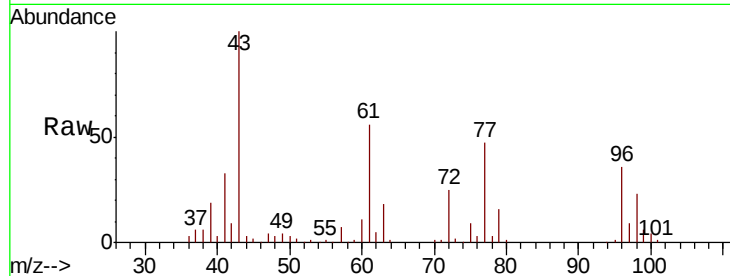
Tot Ion: 96 Resp: 66198

Ion Ratio Lower Upper

96 100

61 157.7 0.0 321.2

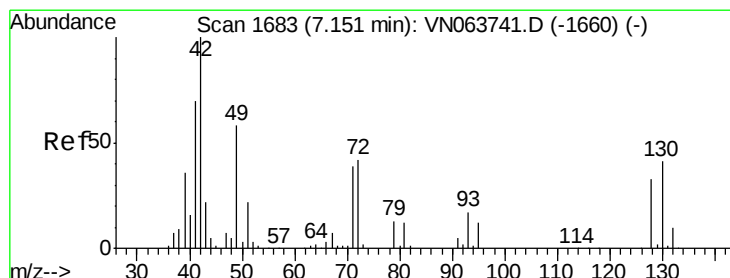
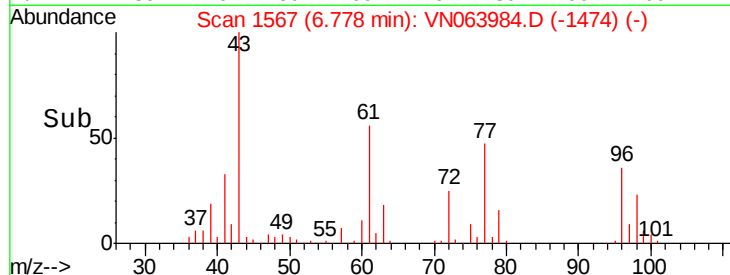
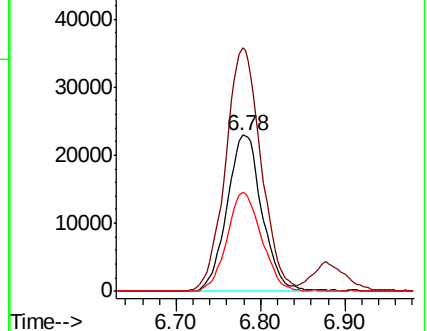
98 62.2 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-1544) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1544) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-1544) (-)



#28

Bromochloromethane

Concen: 17.957 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

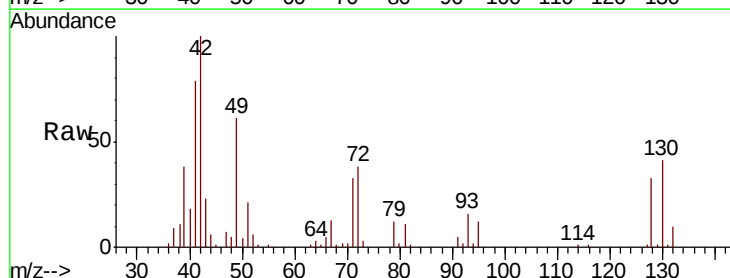
Tgt Ion: 49 Resp: 52369

Ion Ratio Lower Upper

49 100

129 1.7 0.0 4.8

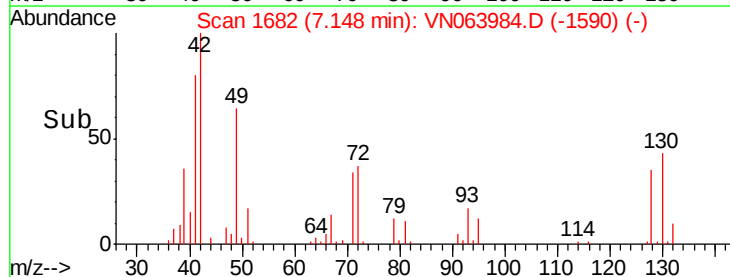
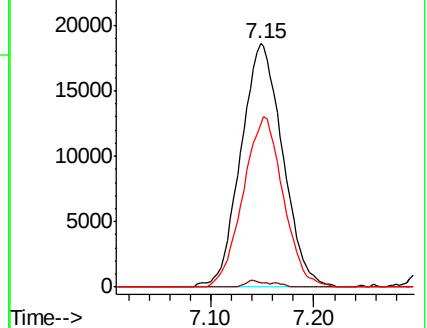
130 67.2 55.6 83.4

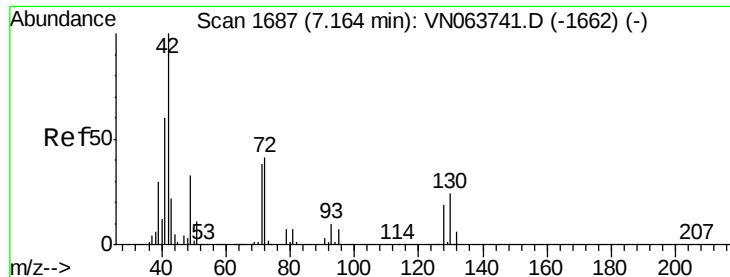


Abundance Ion 48.90 (48.60 to 49.60): VN063741.D (-1660) (-)

Ion 128.80 (128.50 to 129.50): VN063741.D (-1660) (-)

Ion 129.80 (129.50 to 130.50): VN063741.D (-1660) (-)

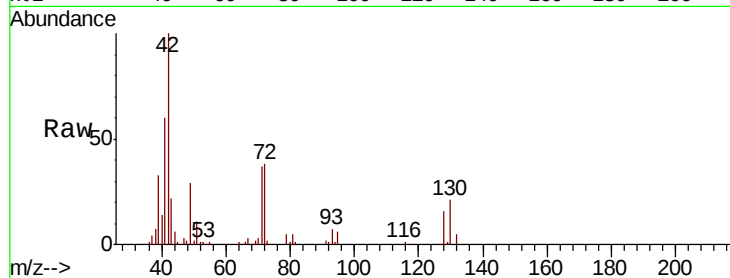




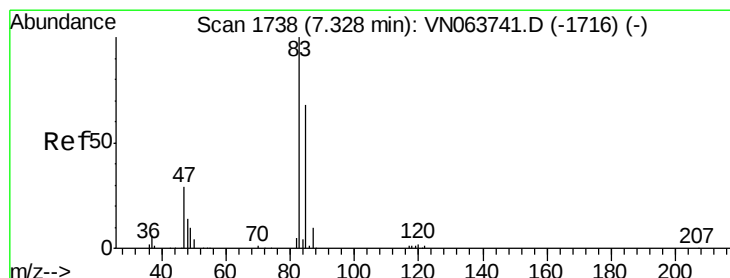
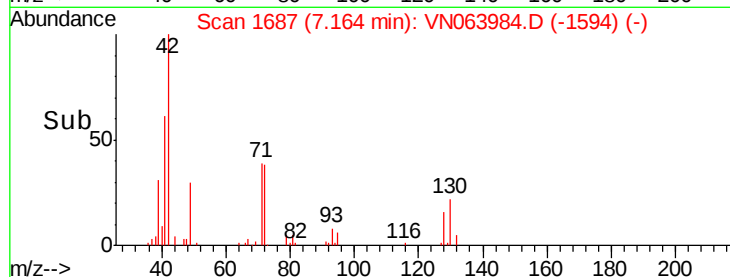
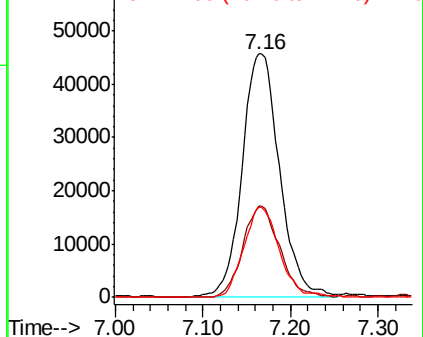
#29
Tetrahydrofuran
Concen: 104.931 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tot Ion: 42 Resp: 136051
Ion Ratio Lower Upper
42 100
72 36.8 32.8 49.2
71 34.6 30.6 45.8

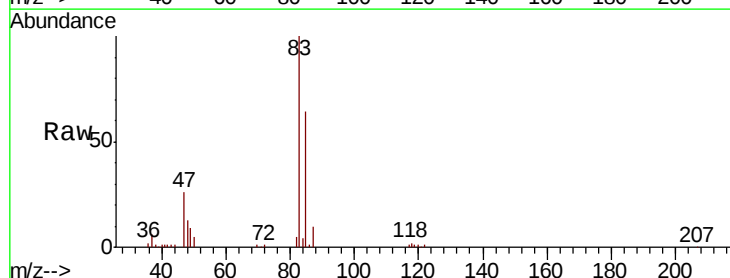


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

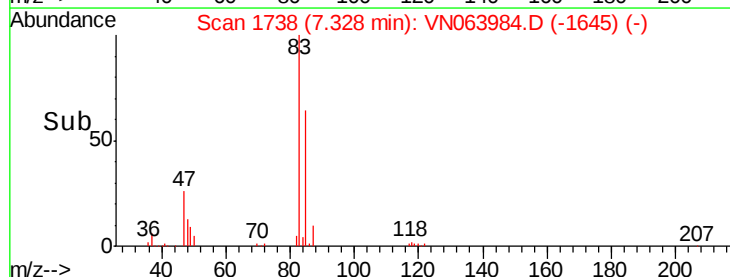
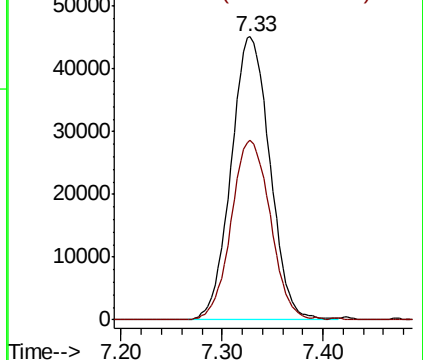


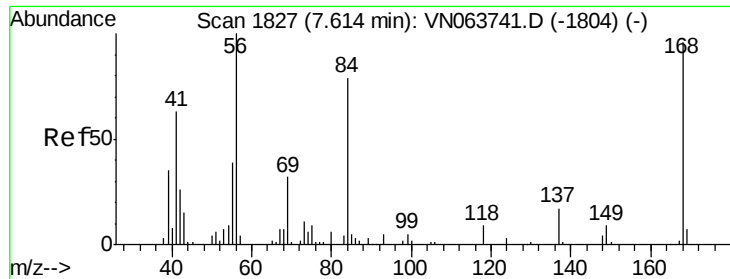
#30
Chloroform
Concen: 19.573 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 83 Resp: 120426
Ion Ratio Lower Upper
83 100
85 63.7 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

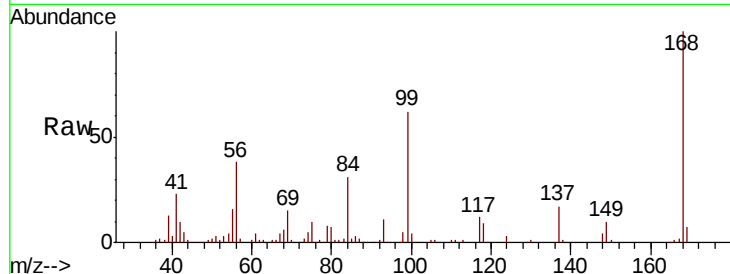




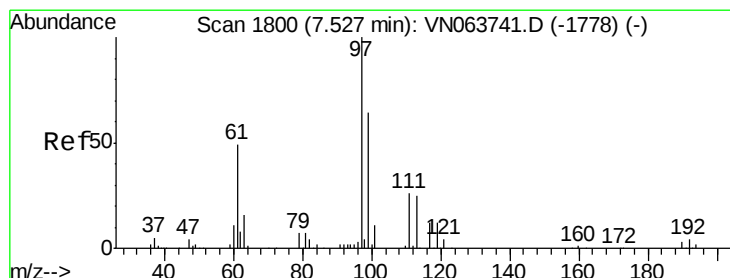
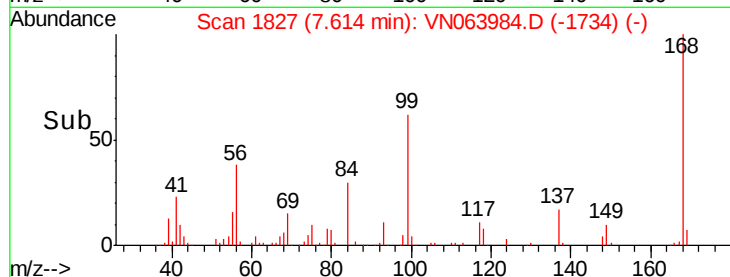
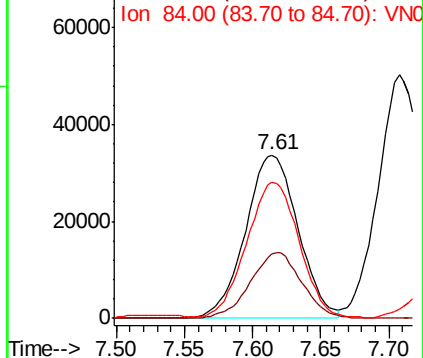
#31
Cyclohexane
Concen: 17.514 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tot Ion: 56 Resp: 90064
Ion Ratio Lower Upper
56 100
69 39.2 25.4 38.2#
84 81.8 63.3 94.9

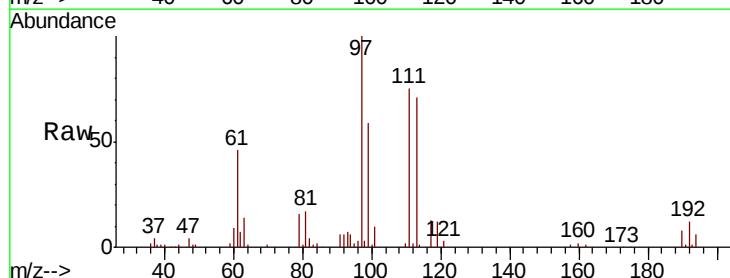


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

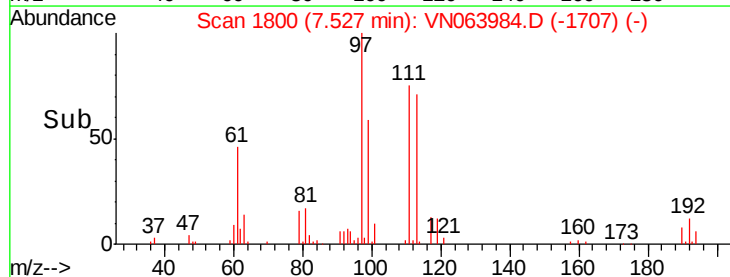
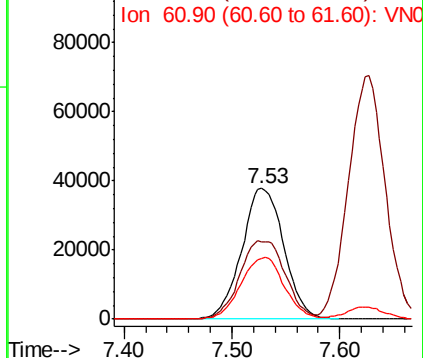


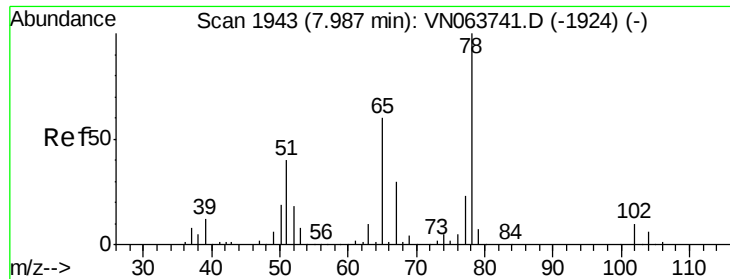
#32
1,1,1-Trichloroethane
Concen: 18.542 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 97 Resp: 102899
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.6
61 48.5 38.7 58.1



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

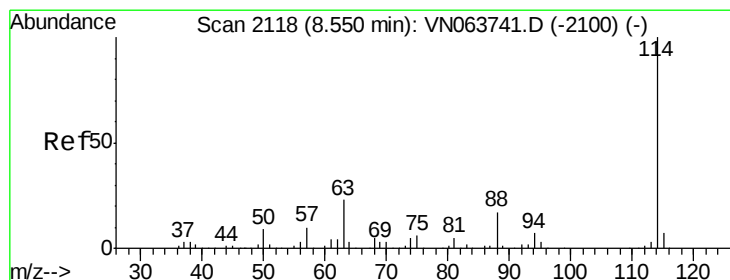
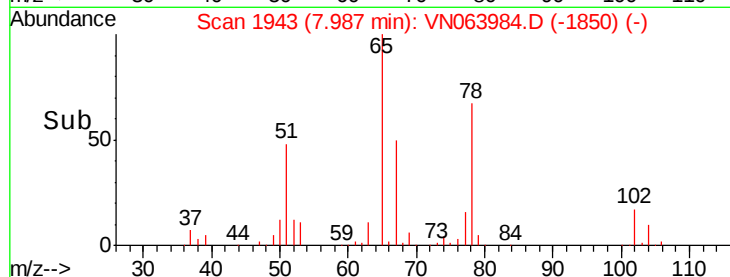
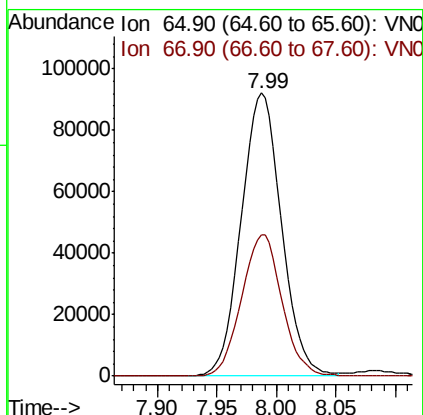
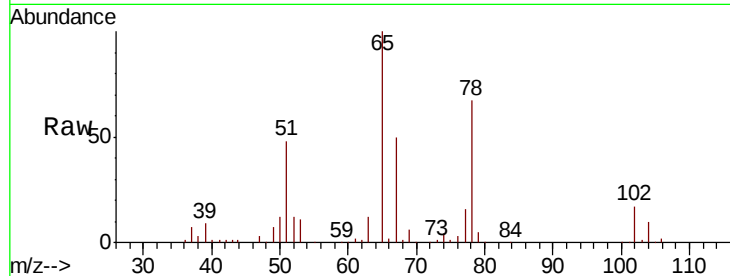




#33
 1,2-Dichloroethane-d4
 Concen: 48.789 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

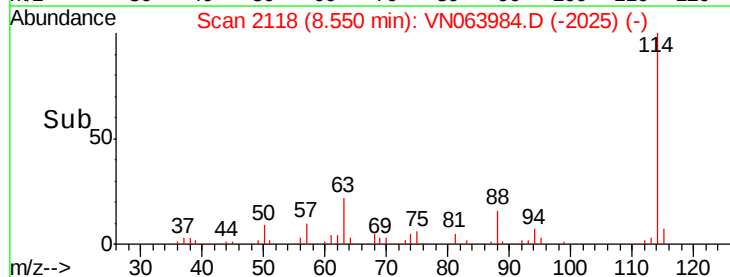
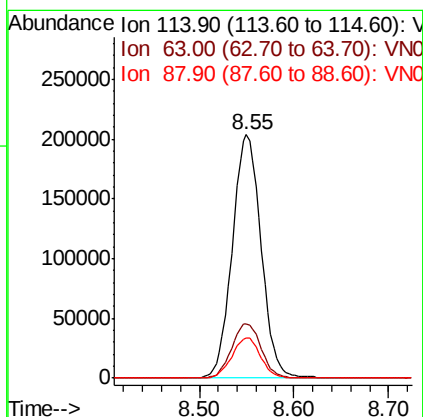
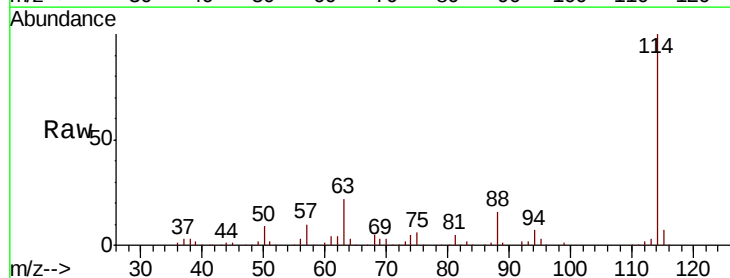
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

Tot Ion: 65 Resp: 216113
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Tgt Ion: 114 Resp: 431059
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.0
 88 16.4 0.0 34.0

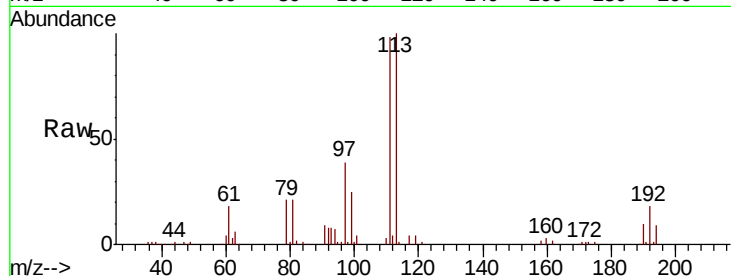




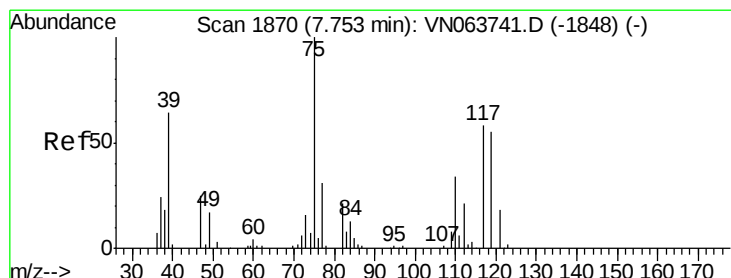
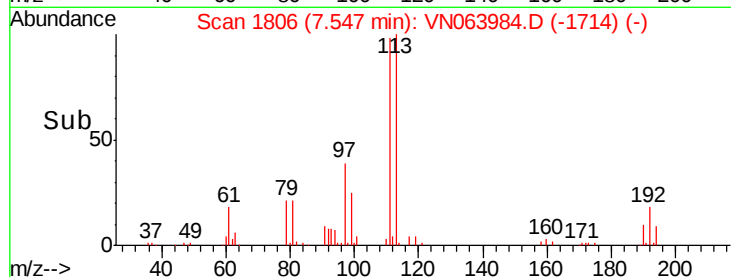
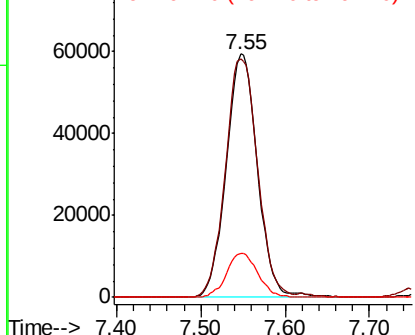
#35
 Dibromofluoromethane
 Concen: 51.104 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

Tot Ion:113 Resp: 152853
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.8 122.8
 192 18.2 14.2 21.2

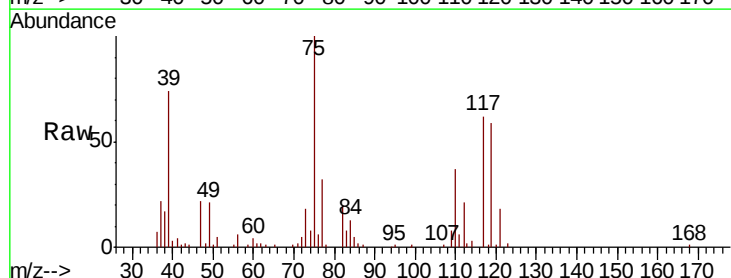


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

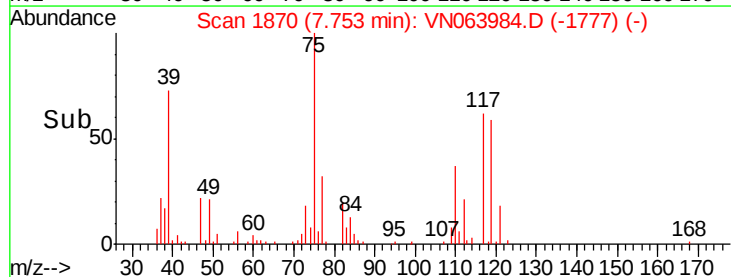
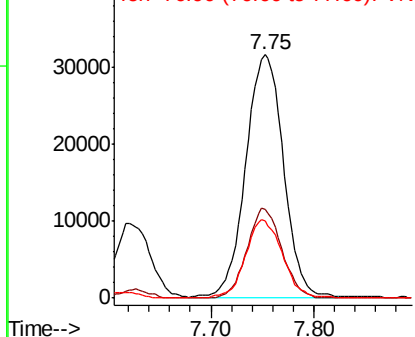


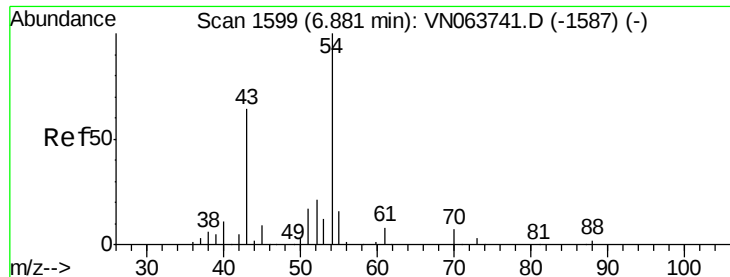
#36
 1,1-Dichloropropene
 Concen: 18.521 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Tgt Ion: 75 Resp: 80881
 Ion Ratio Lower Upper
 75 100
 110 33.6 16.9 50.6
 77 31.0 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

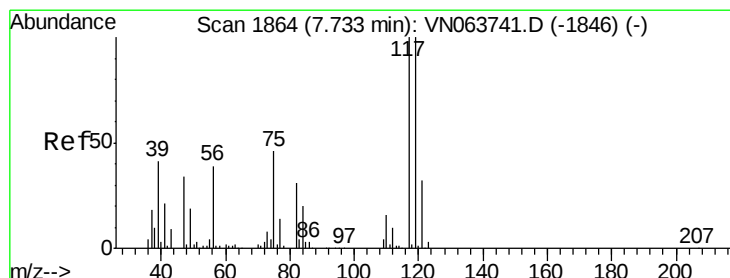
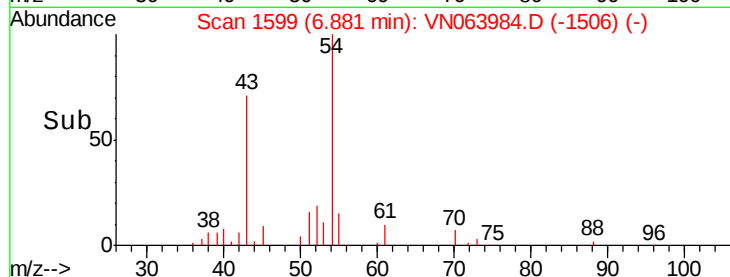
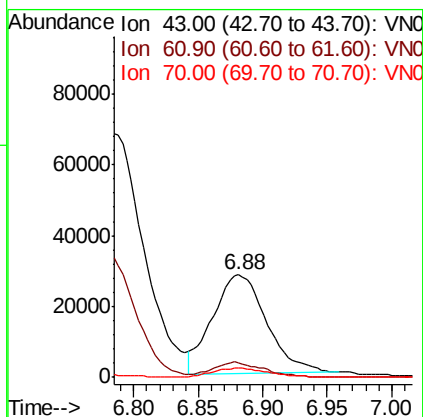
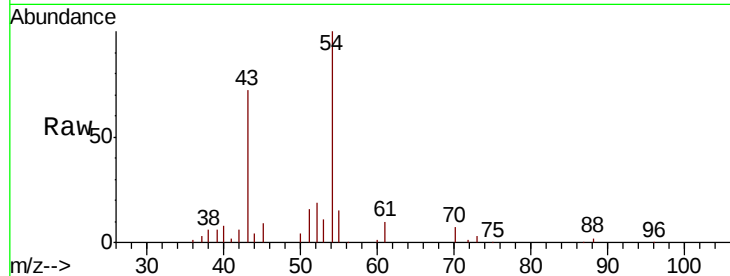




#37
Ethyl Acetate
Concen: 18.782 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

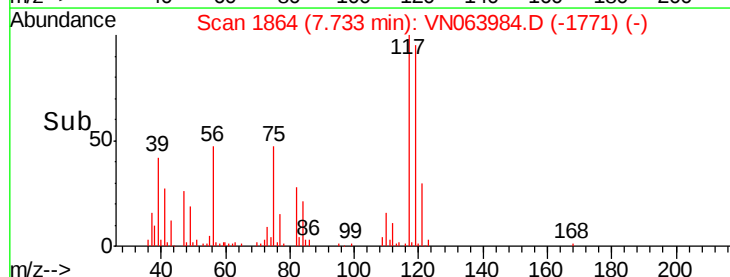
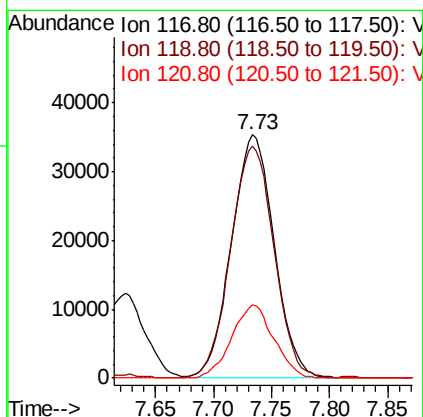
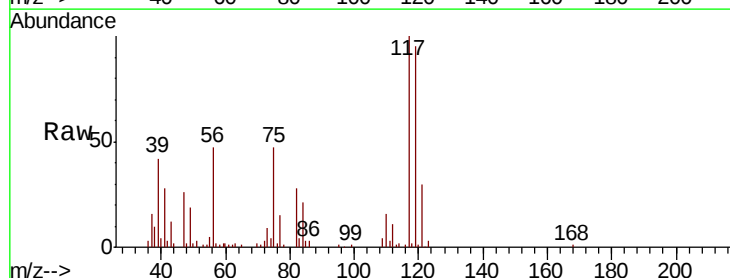
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

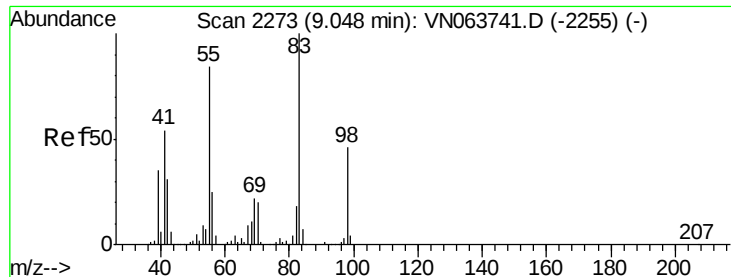
Tot Ion: 43 Resp: 81489
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.8 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.549 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 117 Resp: 90836
Ion Ratio Lower Upper
117 100
119 95.3 80.1 120.1
121 30.0 25.7 38.5

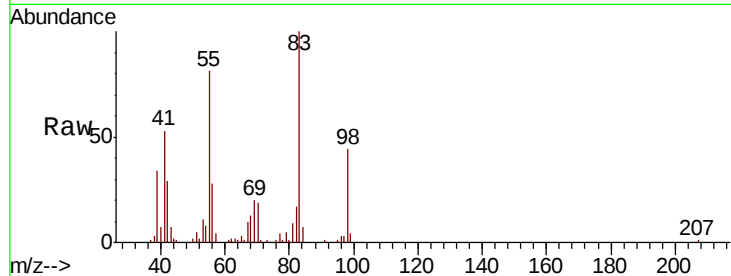




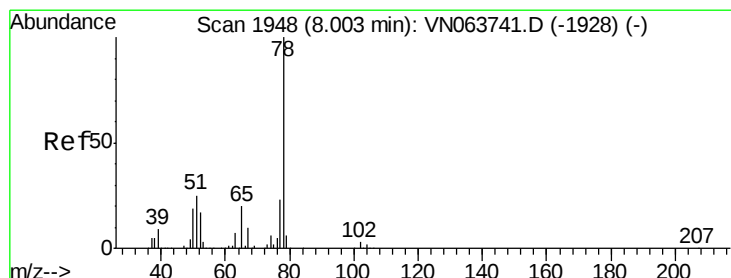
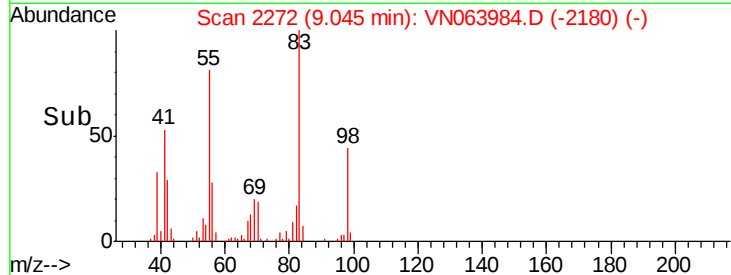
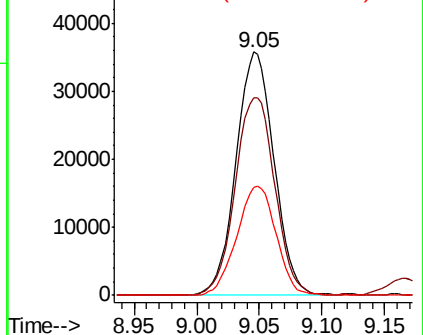
#39
Methvlcvclohexane
Concen: 17.332 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tot Ion: 83 Resp: 75482
Ion Ratio Lower Upper
83 100
55 81.1 67.1 100.7
98 44.5 36.6 54.8

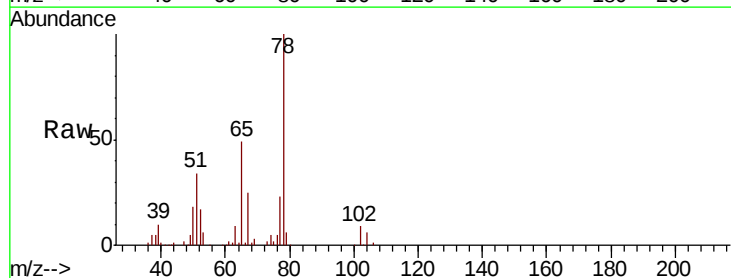


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

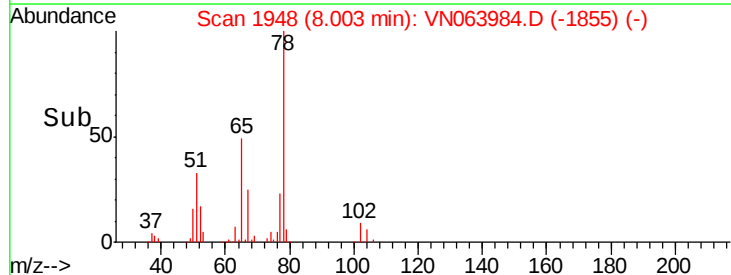
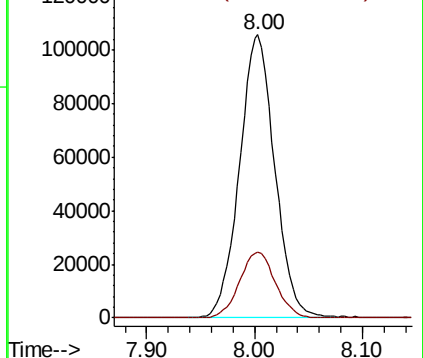


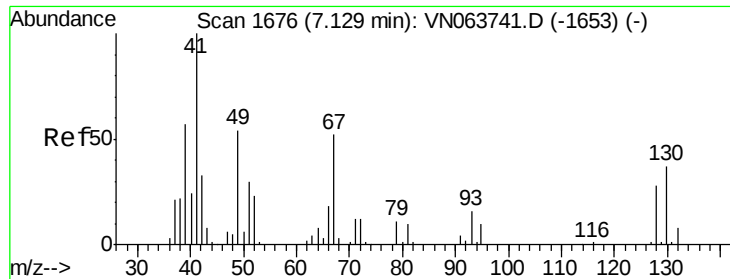
#40
Benzene
Concen: 19.264 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 78 Resp: 240283
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1



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

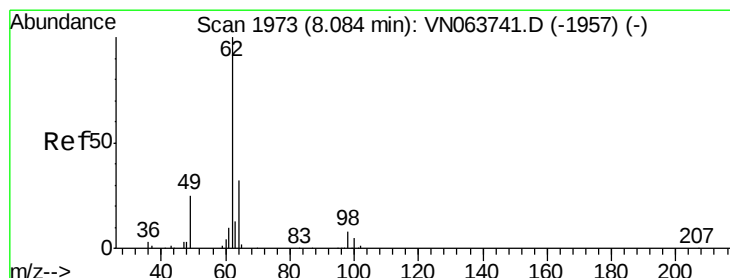
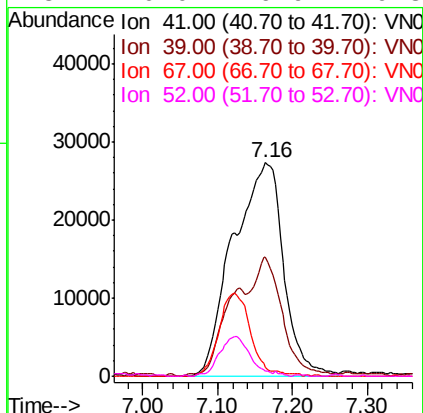
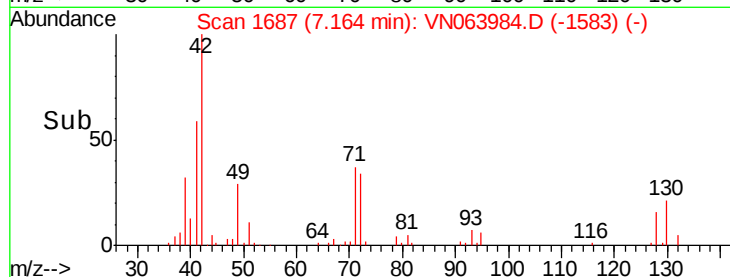
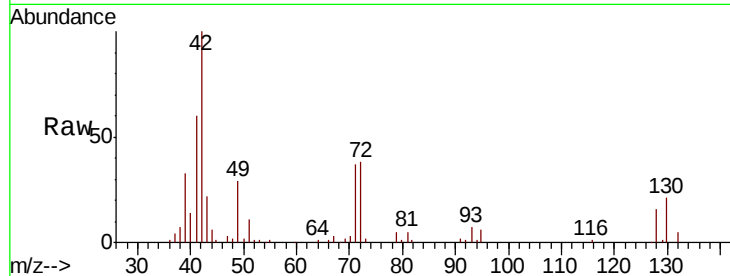




#41
Methacrylonitrile
Concen: 66.335 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

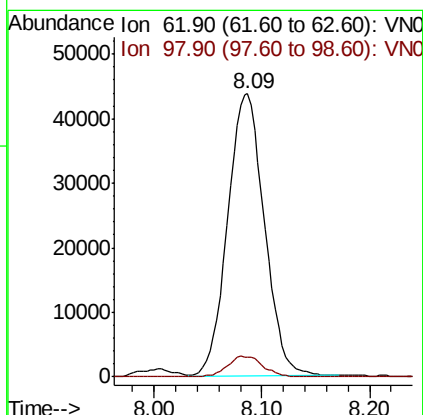
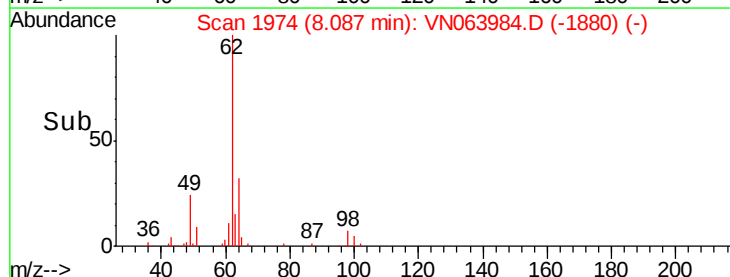
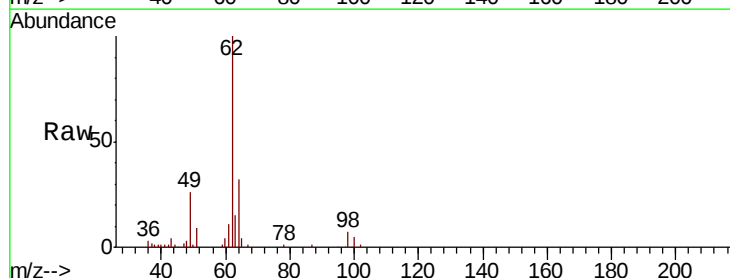
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

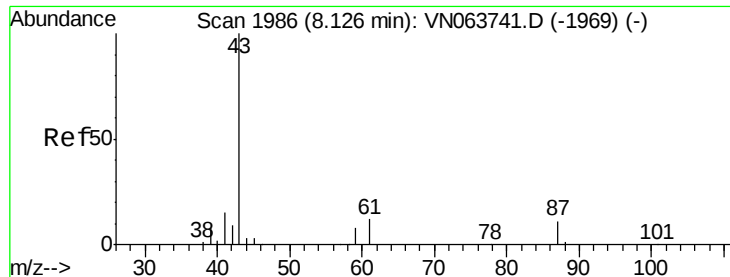
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.5	63.7#
67	0.0	57.4	86.2#
52	0.0	26.9	40.3#



#42
1,2-Dichloroethane
Concen: 19.453 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	15.0





#43

Isopropyl Acetate

Concen: 20.466 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

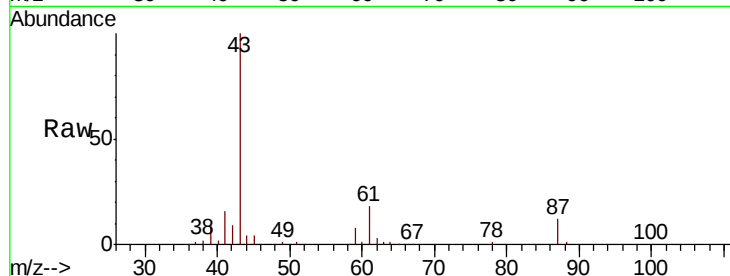
Tot Ion: 43 Resp: 146466

Ion Ratio Lower Upper

43 100

61 24.6 14.2 21.4#

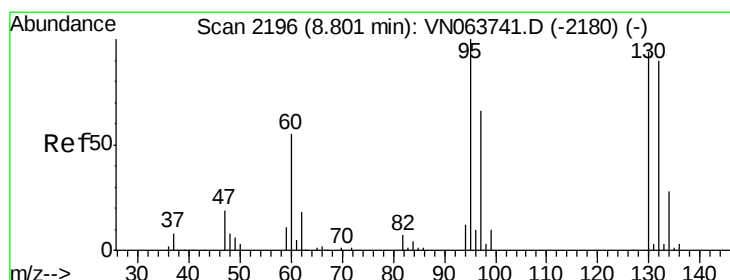
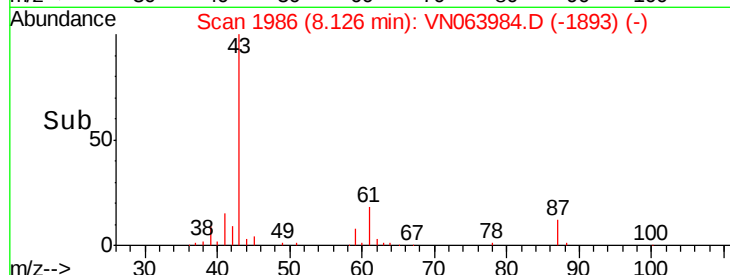
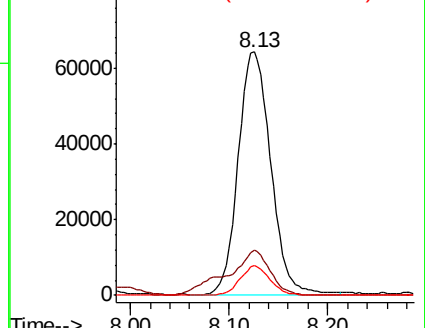
87 11.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 18.719 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063984.D

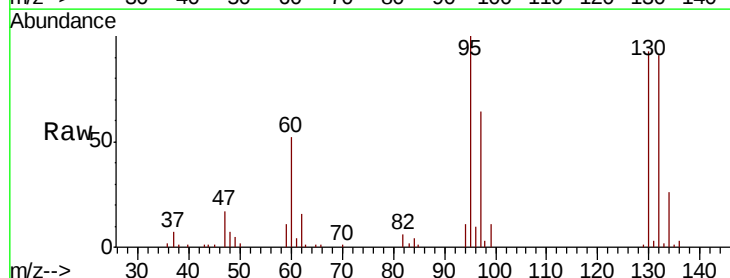
Acq: 8 Oct 2020 12:31

Tgt Ion:130 Resp: 61176

Ion Ratio Lower Upper

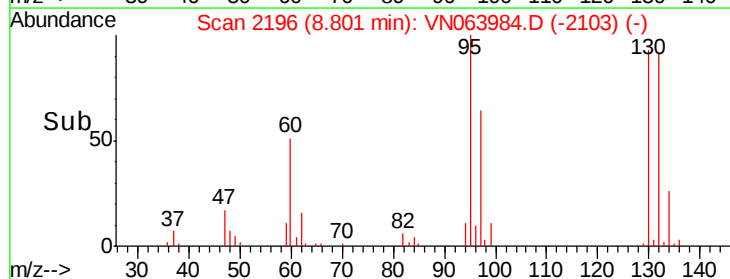
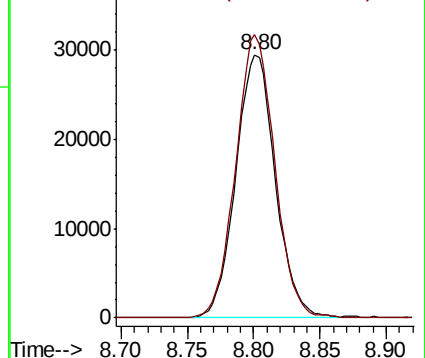
130 100

95 107.4 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

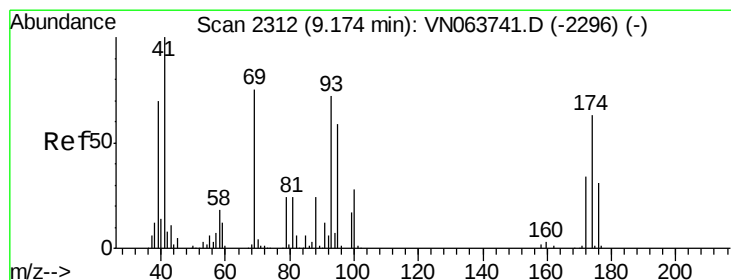
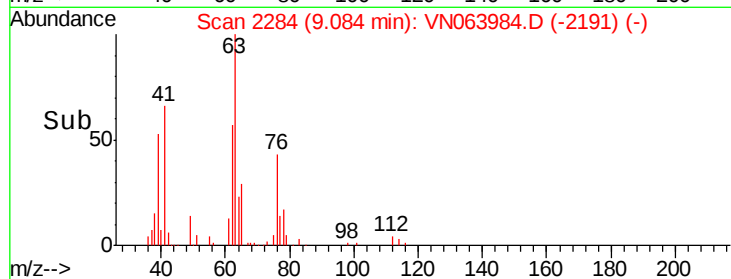
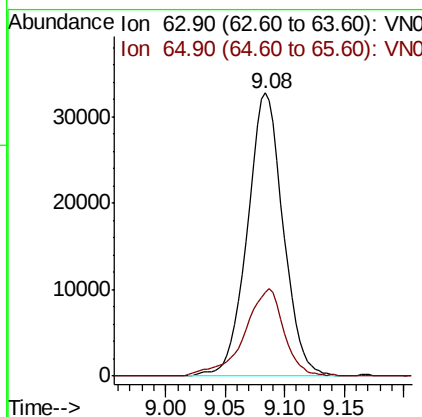
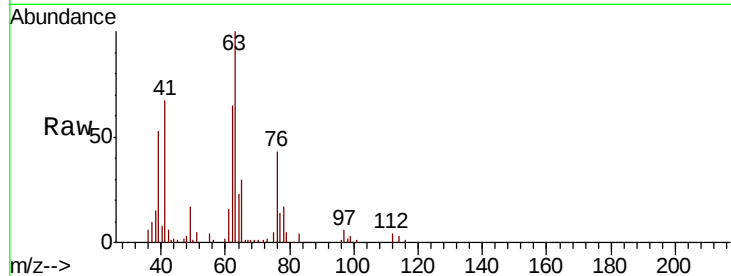




#45
 1,2-Dichloropropane
 Concen: 20.290 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

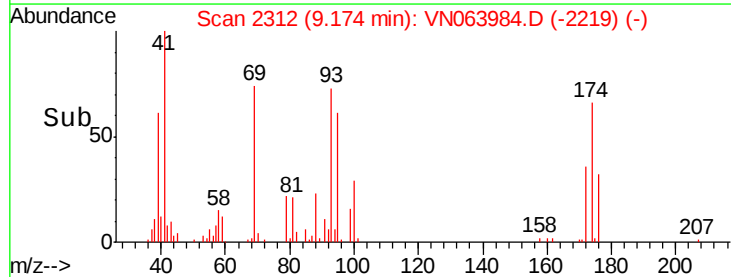
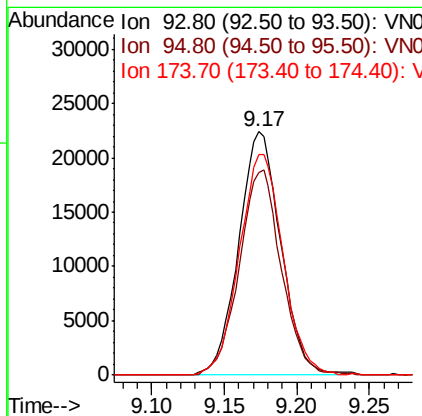
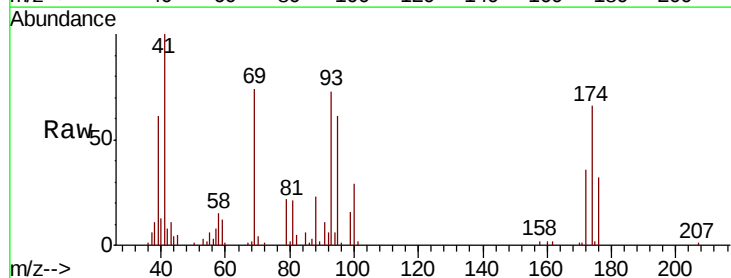
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

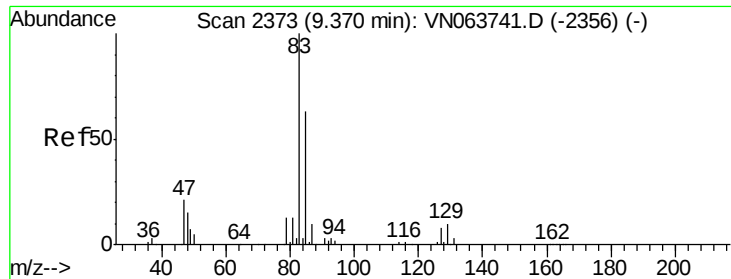
Tot Ion: 63 Resp: 68351
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.7 37.1



#46
 Dibromomethane
 Concen: 19.430 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Tgt Ion: 93 Resp: 45152
 Ion Ratio Lower Upper
 93 100
 95 84.2 66.3 99.5
 174 94.0 72.7 109.1

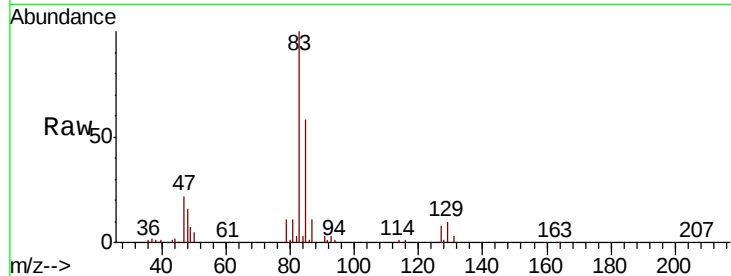




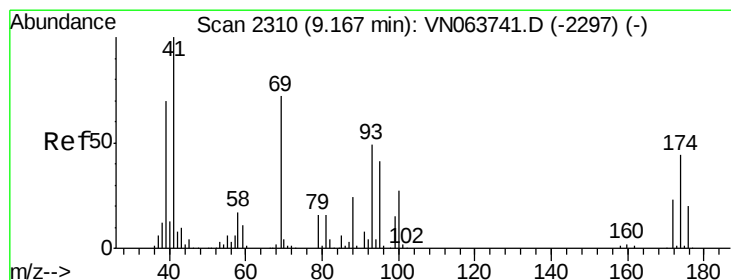
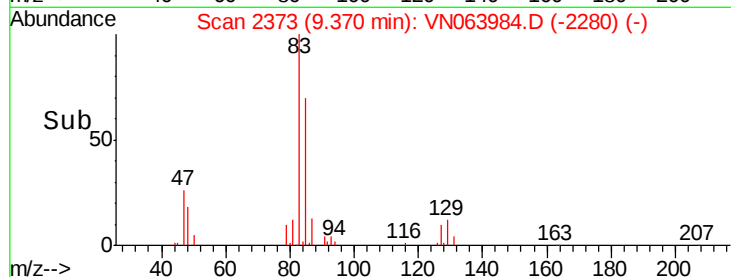
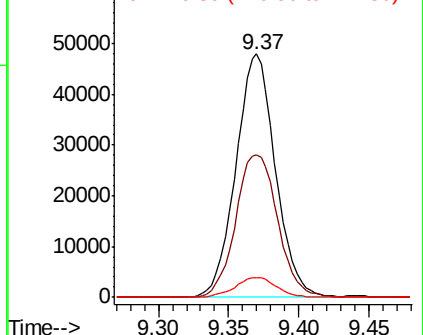
#47
Bromodichloromethane
Concen: 19.620 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tot Ion: 83 Resp: 93966
Ion Ratio Lower Upper
83 100
85 58.3 50.6 75.8
127 8.2 6.6 9.8

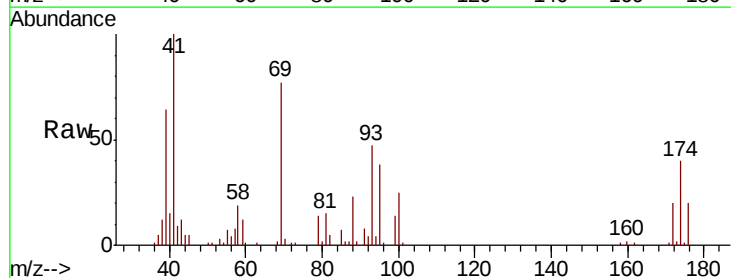


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

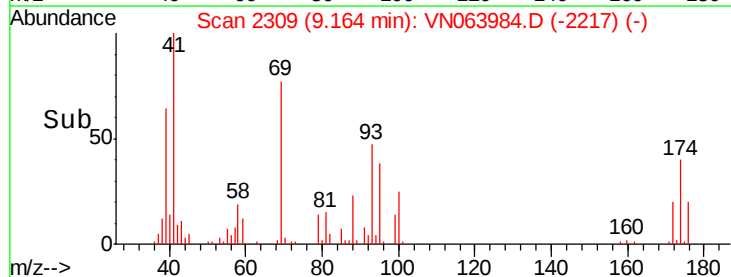
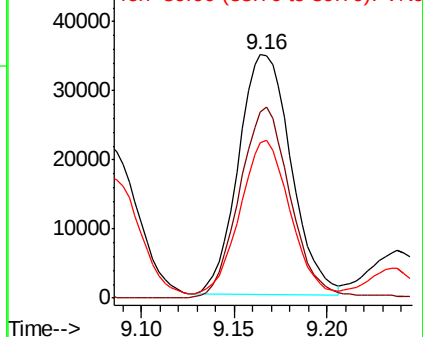


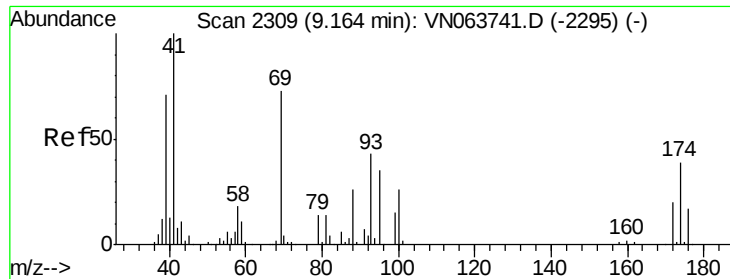
#48
Methyl methacrylate
Concen: 19.478 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 41 Resp: 68869
Ion Ratio Lower Upper
41 100
69 76.8 60.9 91.3
39 62.9 57.5 86.3



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

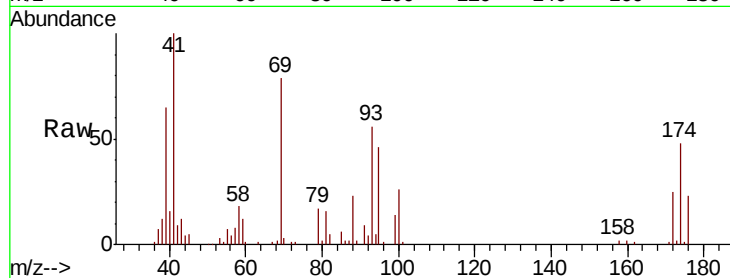




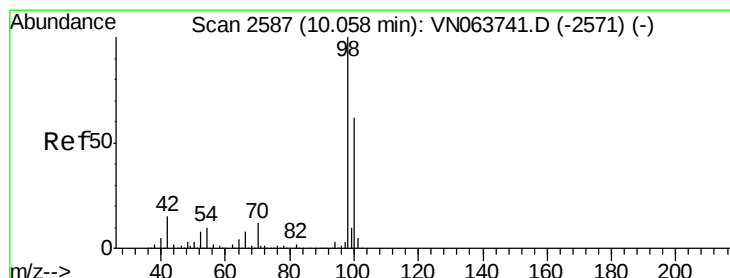
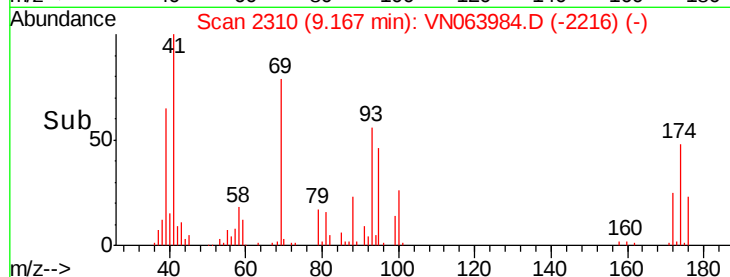
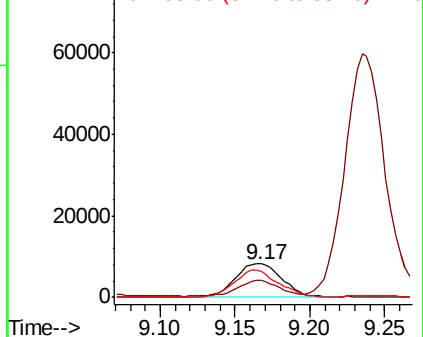
#49
1,4-Dioxane
Concen: 359.753 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tot Ion: 88 Resp: 18078
Ion Ratio Lower Upper
88 100
43 41.6 33.1 49.7
58 76.5 58.9 88.3

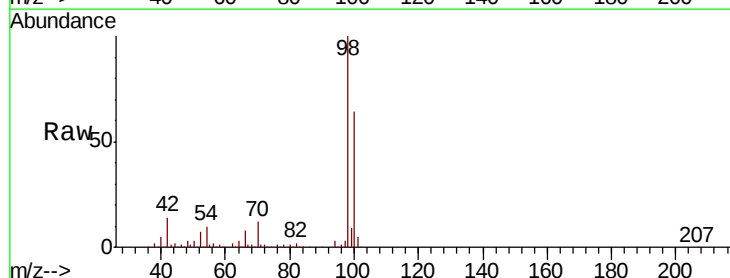


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

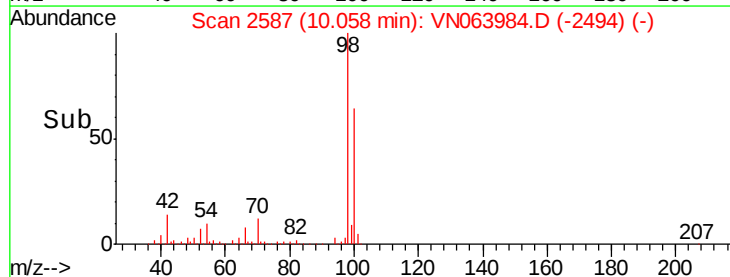
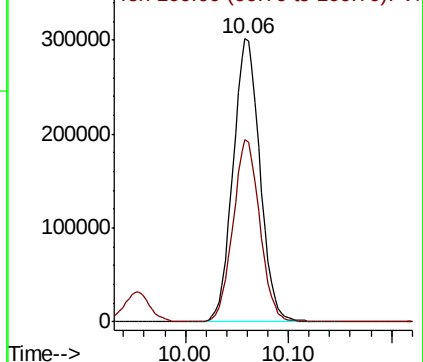


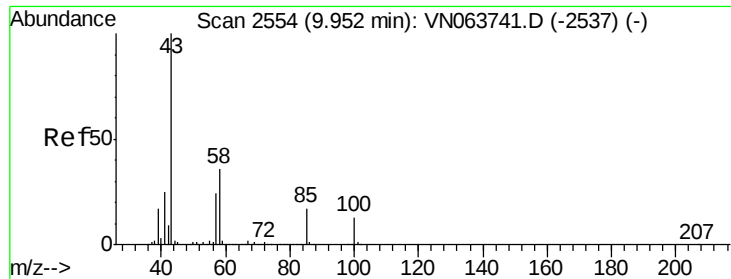
#50
Toluene-d8
Concen: 48.427 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 98 Resp: 549097
Ion Ratio Lower Upper
98 100
100 63.9 49.8 74.6



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: 105.410 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

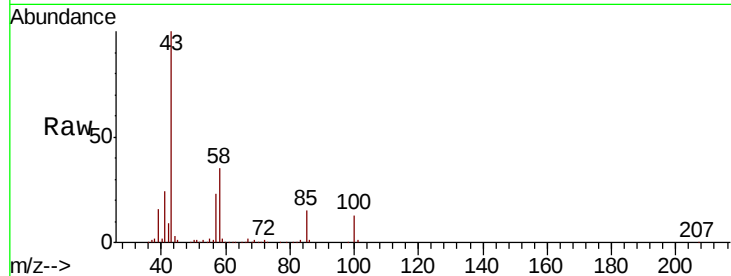
VN1008WBSD01

Tot Ion: 43 Resp: 442697

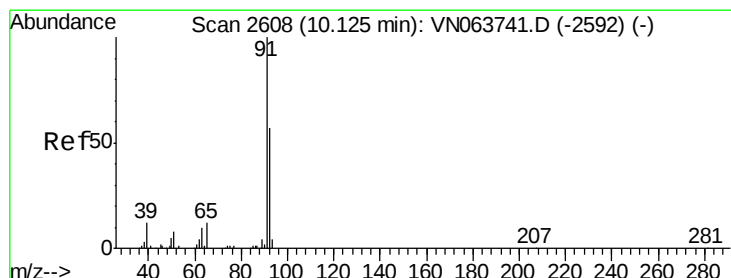
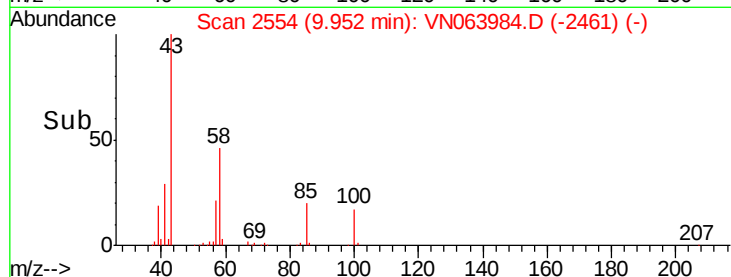
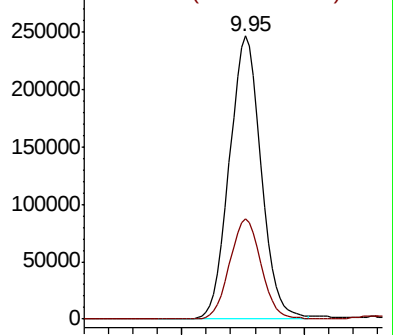
Ion Ratio Lower Upper

43 100

58 35.3 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-2537) (-)



#52

Toluene

Concen: 19.842 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN063984.D

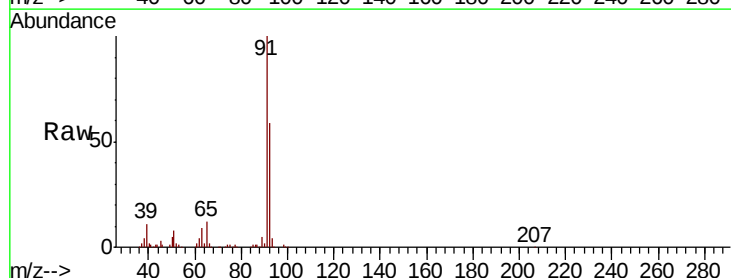
Acq: 8 Oct 2020 12:31

Tgt Ion: 92 Resp: 153084

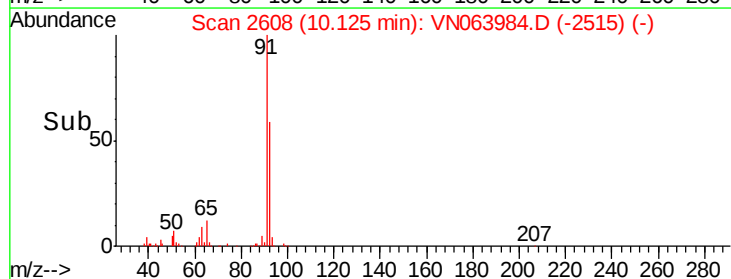
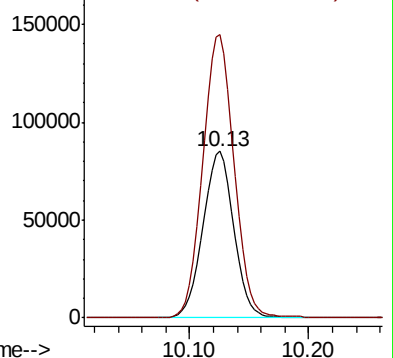
Ion Ratio Lower Upper

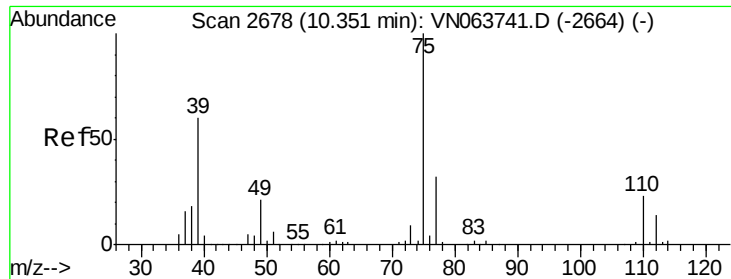
92 100

91 172.0 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN063741.D (-2592) (-)

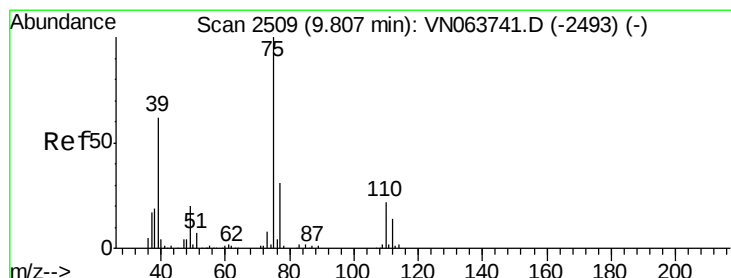
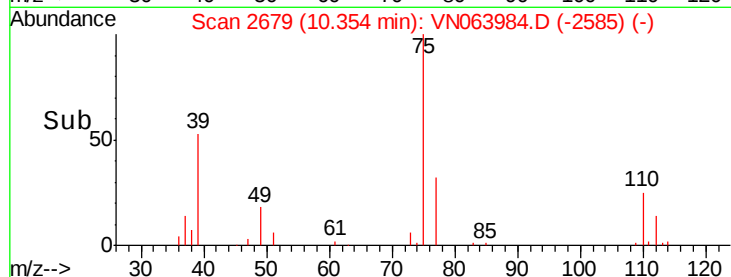
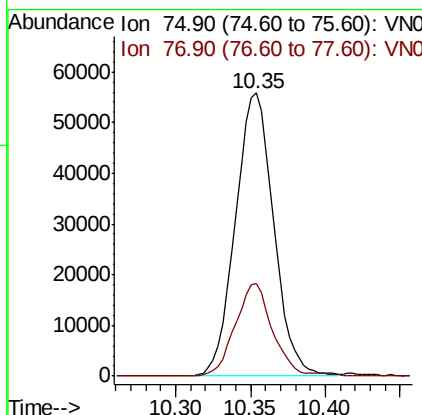
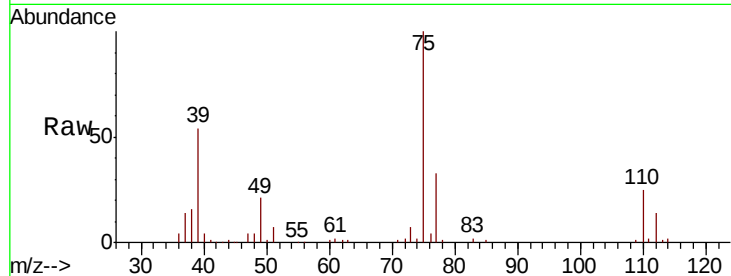




#53
t-1,3-Dichloropropene
Concen: 19.399 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

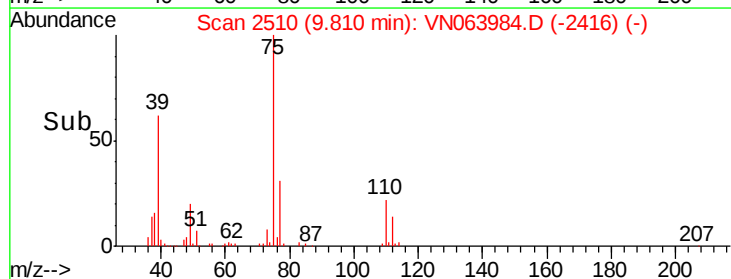
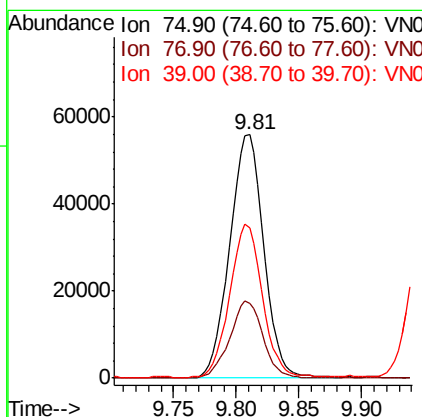
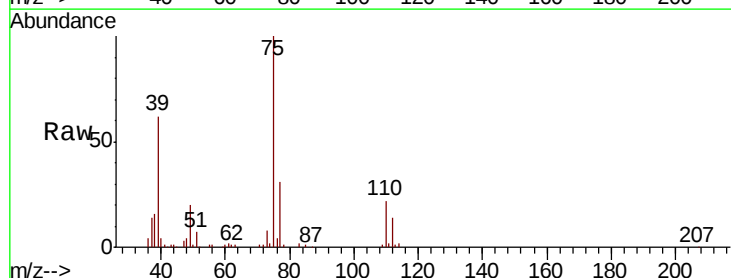
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

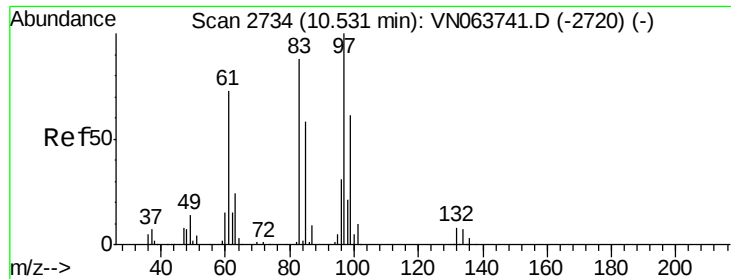
Tot Ion: 75 Resp: 99593
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.650 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 75 Resp: 105504
Ion Ratio Lower Upper
75 100
77 30.9 24.6 36.8
39 61.6 49.7 74.5

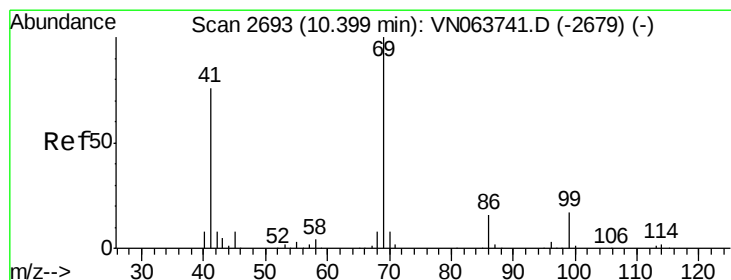
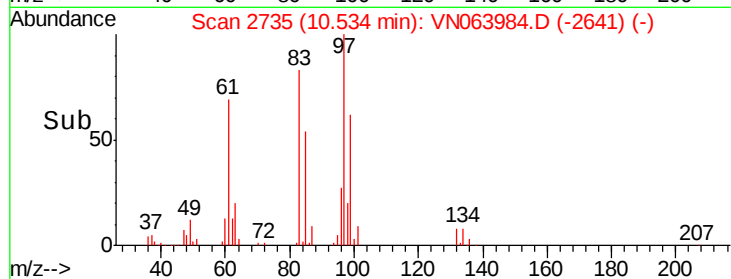
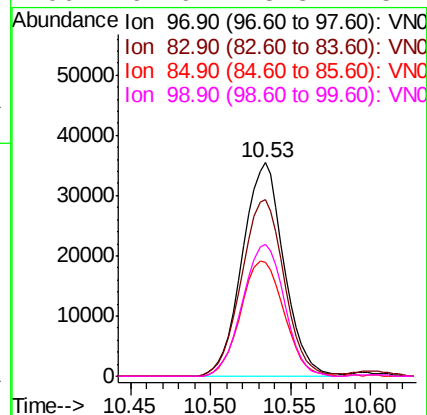
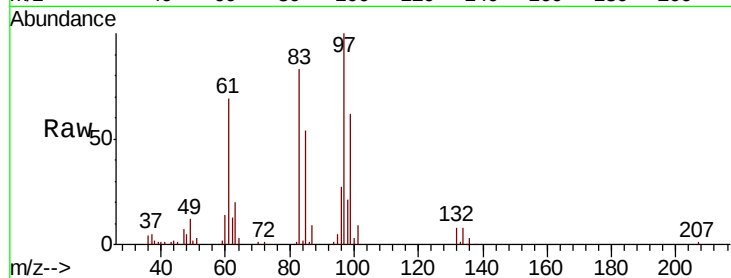




#55
 1,1,2-Trichloroethane
 Concen: 20.351 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

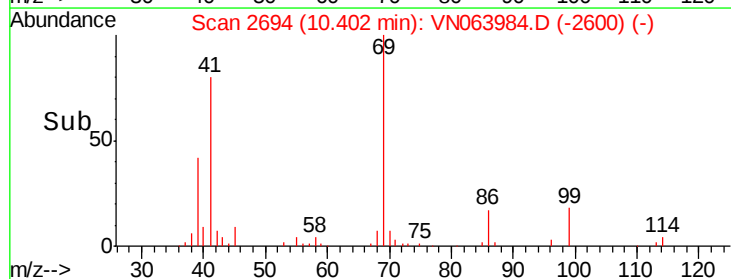
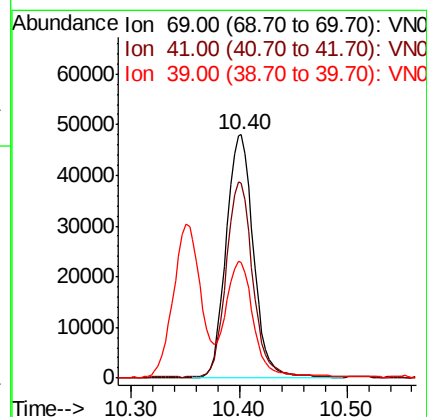
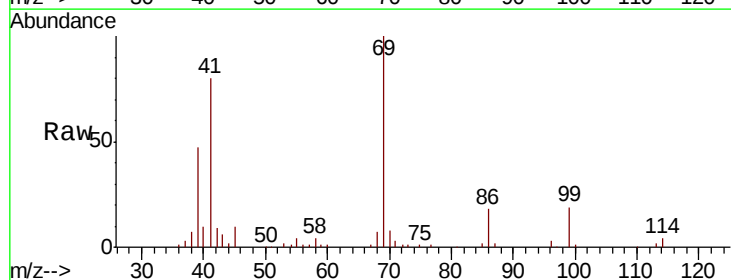
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

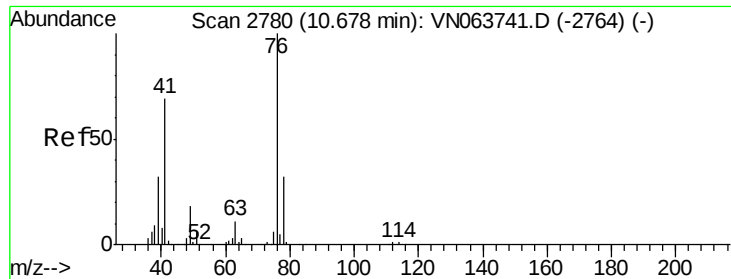
Tot Ion: 97 Resp: 62967
 Ion Ratio Lower Upper
 97 100
 83 82.5 70.7 106.1
 85 53.5 46.1 69.1
 99 61.9 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 19.448 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Tgt Ion: 69 Resp: 85294
 Ion Ratio Lower Upper
 69 100
 41 78.0 61.1 91.7
 39 46.5 42.2 63.4





#57

1,3-Dichloropropane

Concen: 20.362 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

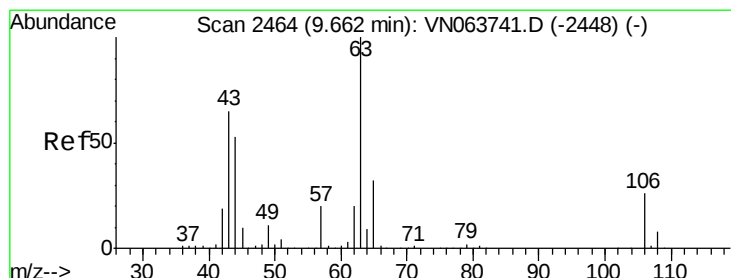
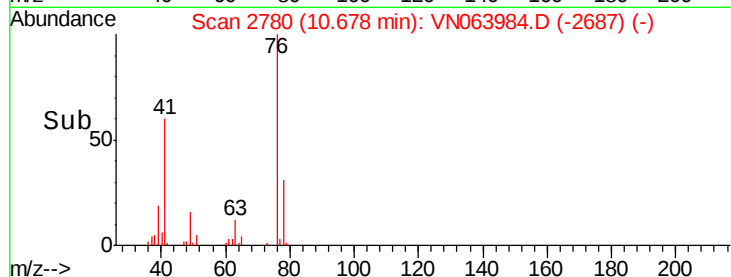
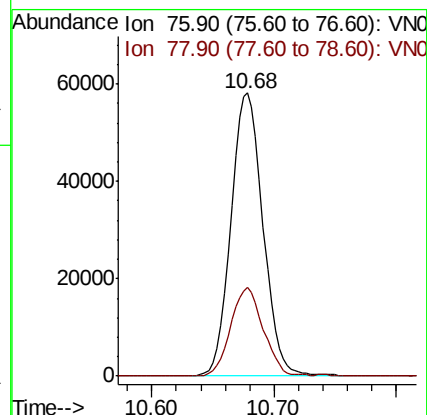
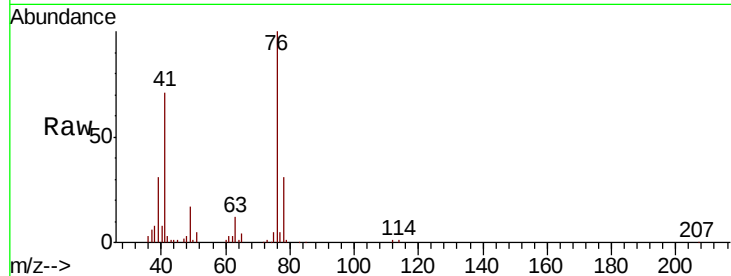
VN1008WBSD01

Tot Ion: 76 Resp: 106588

Ion Ratio Lower Upper

76 100

78 31.9 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.871 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063984.D

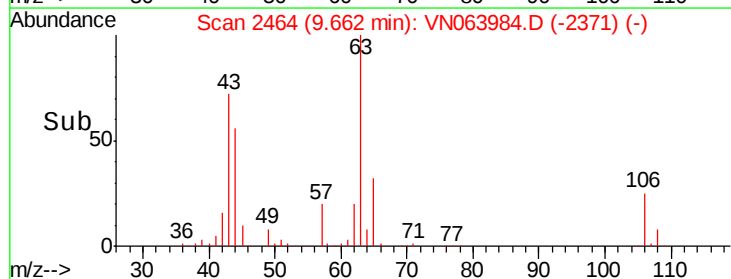
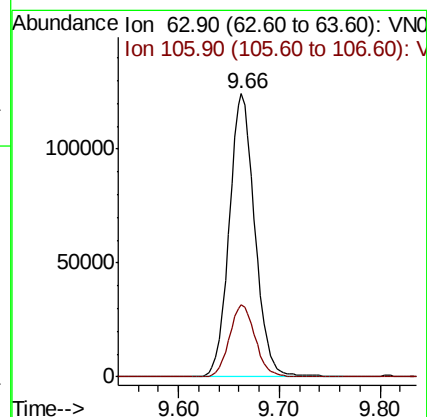
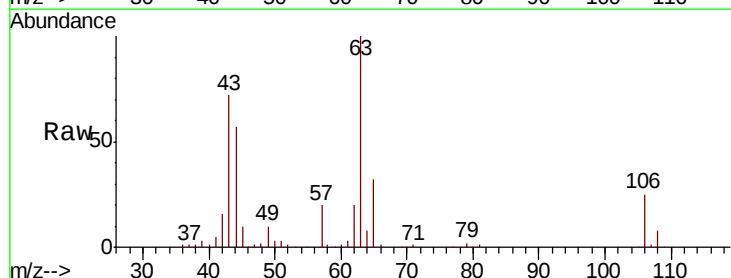
Acq: 8 Oct 2020 12:31

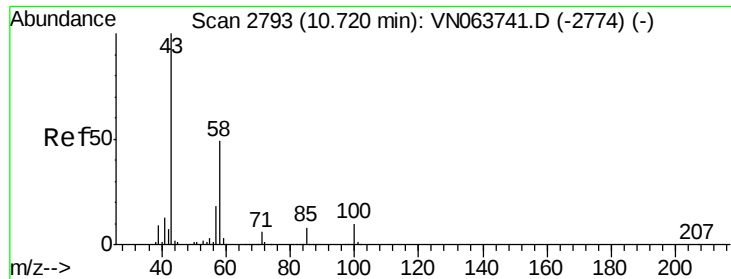
Tgt Ion: 63 Resp: 220218

Ion Ratio Lower Upper

63 100

106 25.7 20.7 31.1

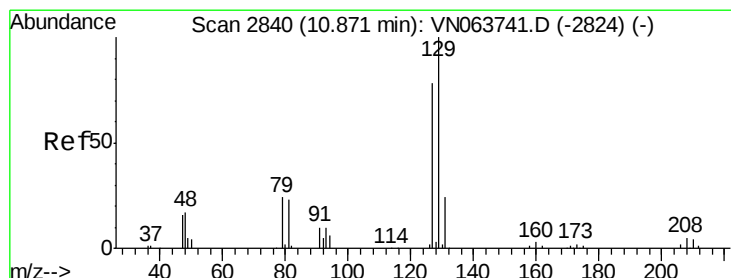
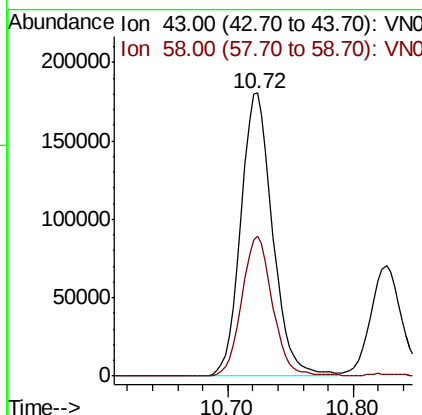
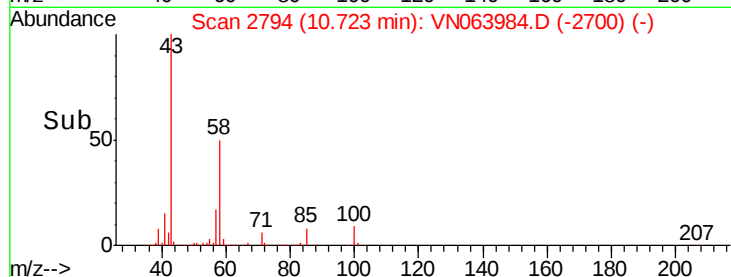
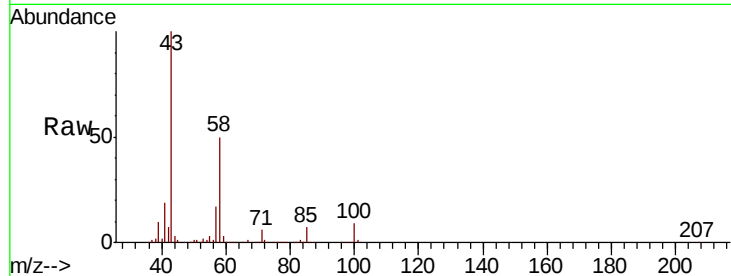




#59
2-Hexanone
Concen: 101.472 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

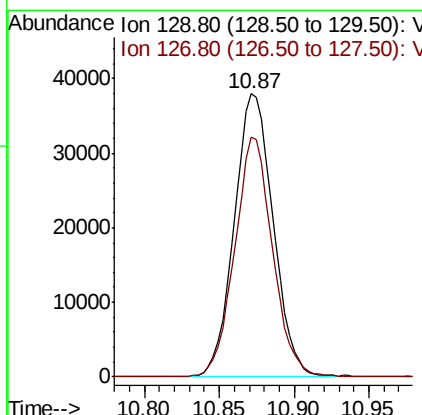
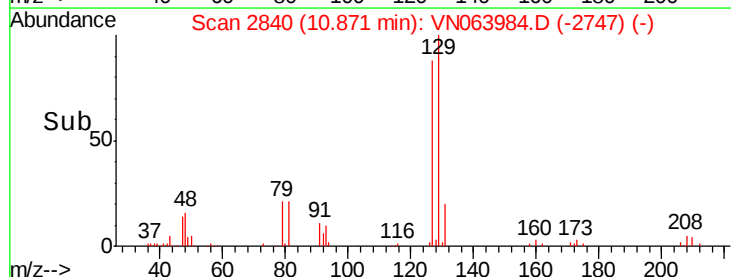
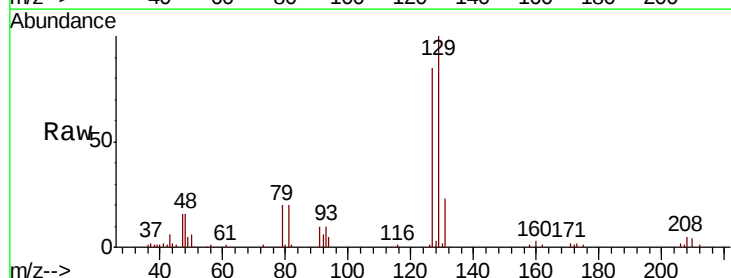
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

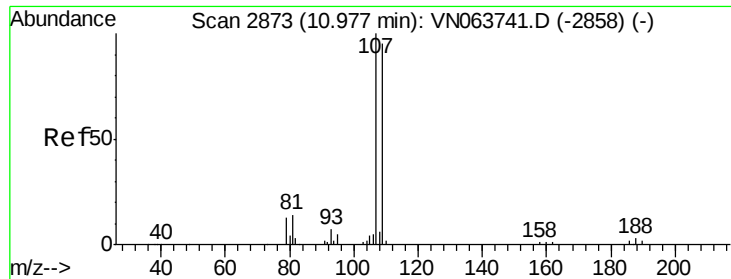
Tot Ion: 43 Resp: 316579
Ion Ratio Lower Upper
43 100
58 48.3 24.6 73.8



#60
Dibromochloromethane
Concen: 19.065 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 129 Resp: 68696
Ion Ratio Lower Upper
129 100
127 82.3 38.9 116.7

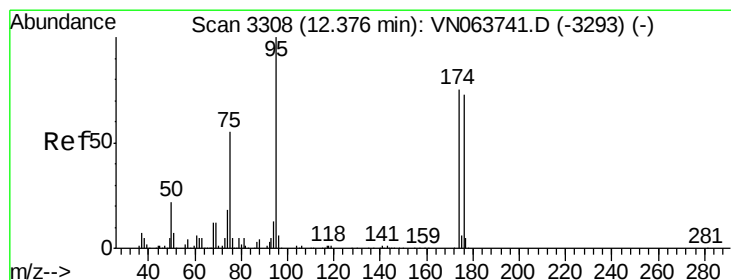
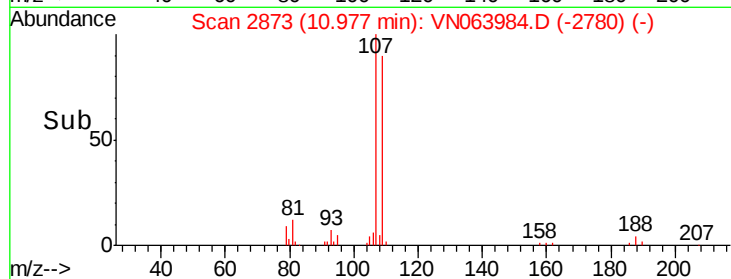
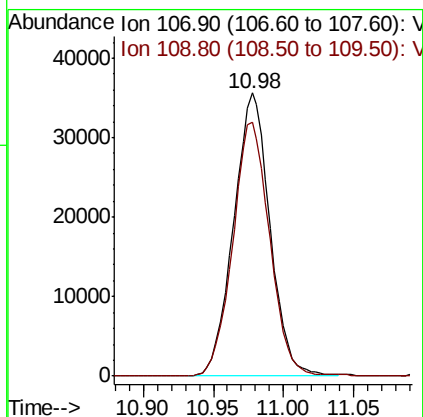
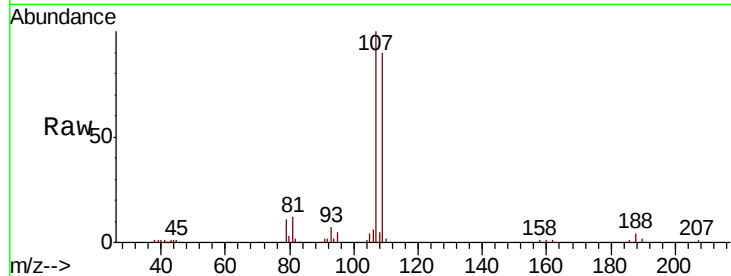




#61
 1,2-Dibromoethane
 Concen: 20.260 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

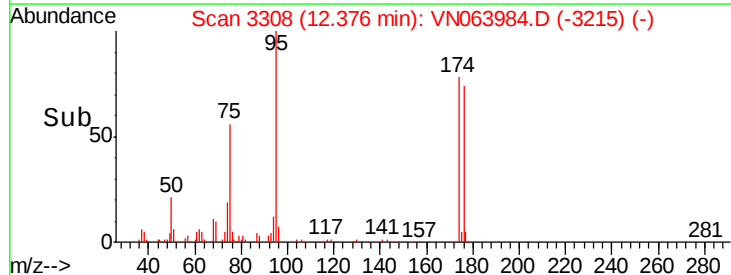
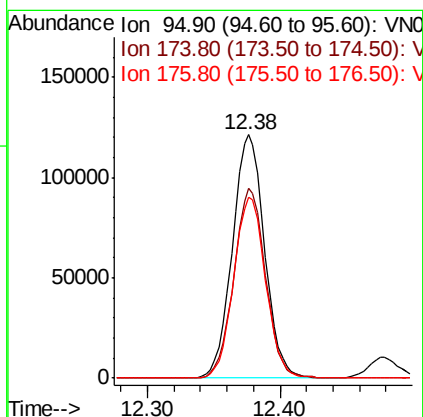
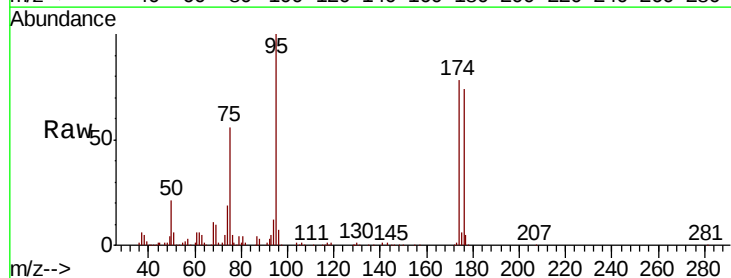
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

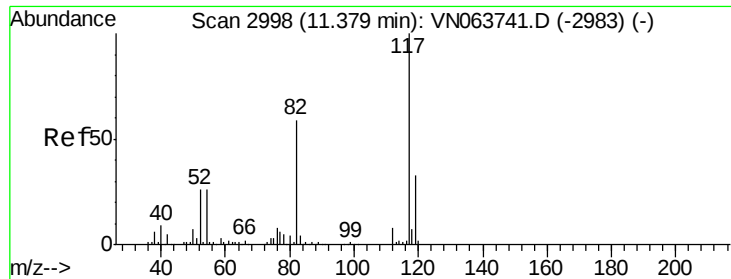
Tot Ion:107 Resp: 64124
 Ion Ratio Lower Upper
 107 100
 109 91.1 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 47.788 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Tgt Ion: 95 Resp: 203685
 Ion Ratio Lower Upper
 95 100
 174 76.9 0.0 150.6
 176 73.8 0.0 145.4

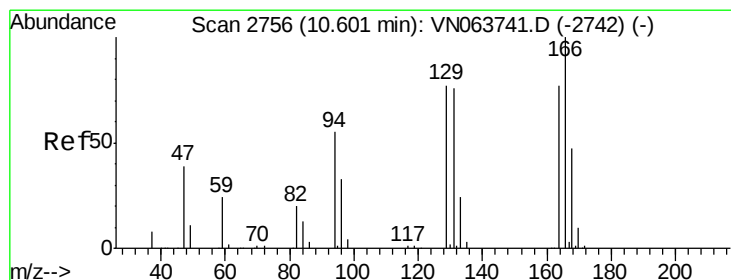
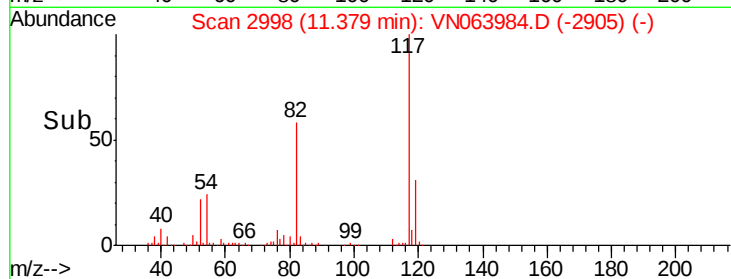
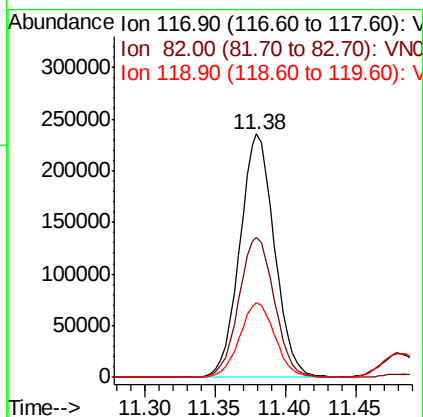
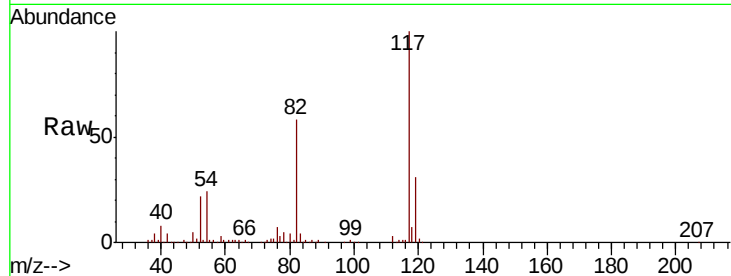




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

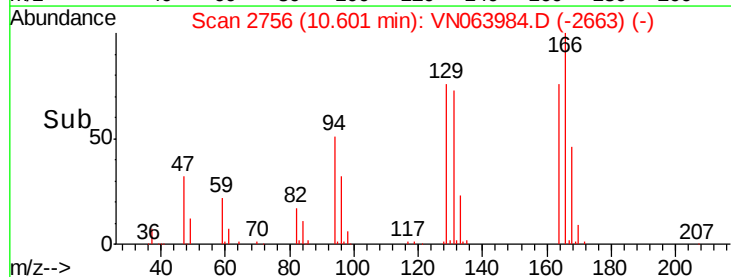
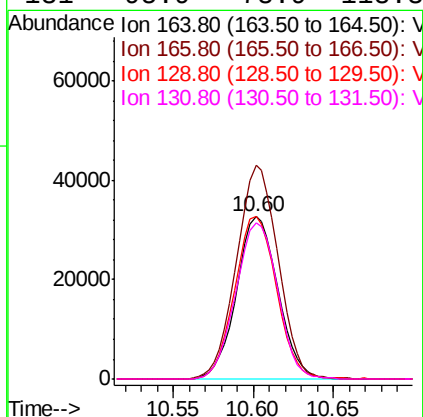
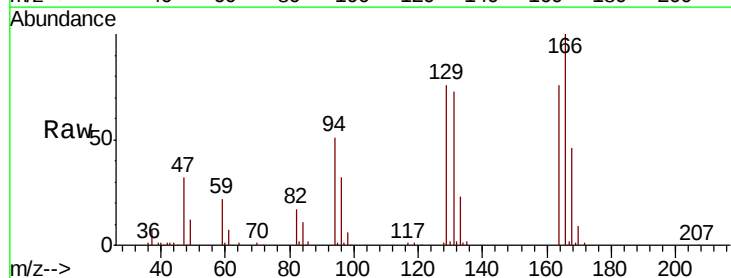
Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

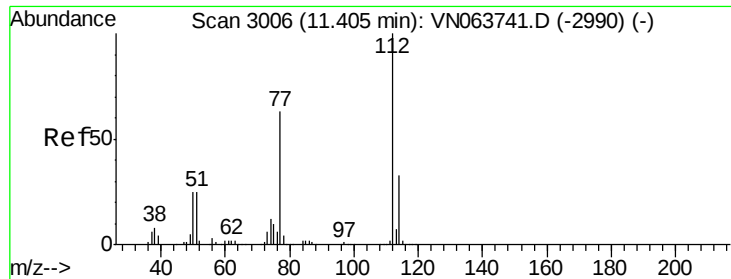
Tot Ion:117 Resp: 405348
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 30.7 26.4 39.6



#64
Tetrachloroethene
Concen: 18.413 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion:164 Resp: 57743
Ion Ratio Lower Upper
164 100
166 131.7 103.9 155.9
129 100.7 80.3 120.5
131 95.9 78.9 118.3





#65

Chlorobenzene

Concen: 19.552 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

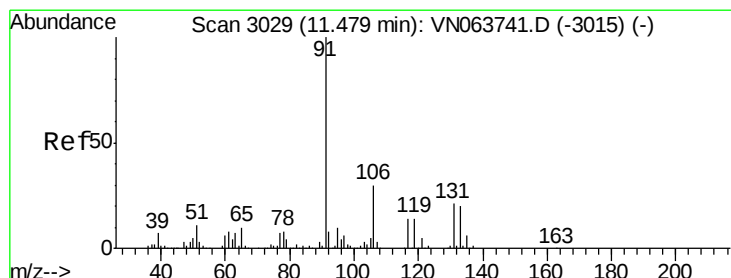
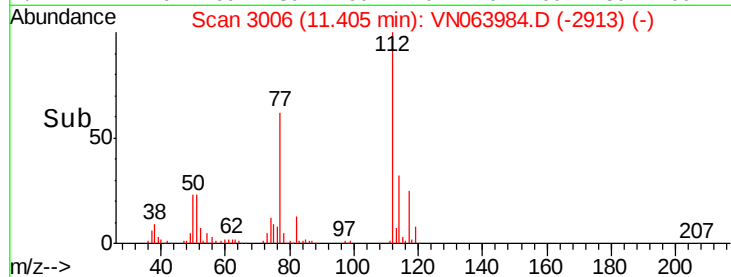
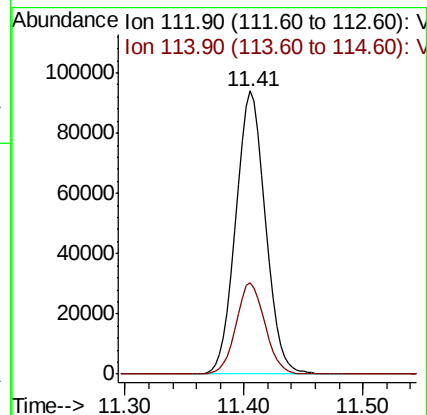
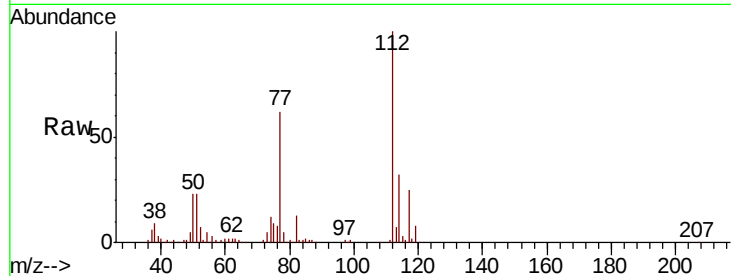
VN1008WBSD01

Tot Ion:112 Resp: 162576

Ion Ratio Lower Upper

112 100

114 32.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.591 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

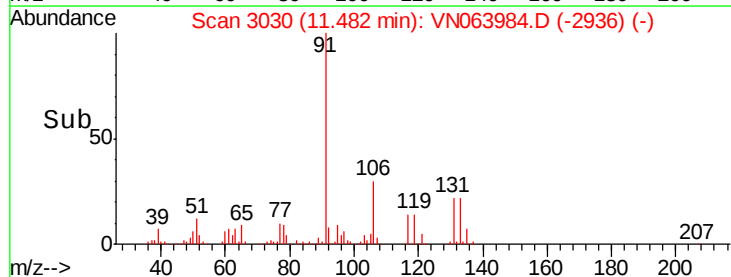
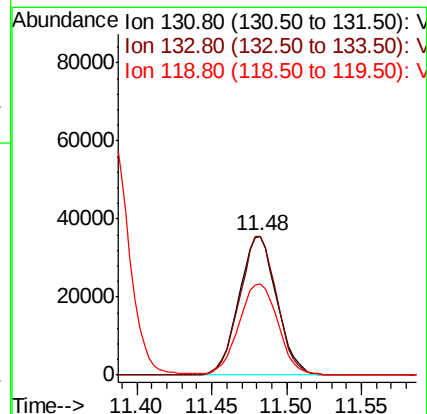
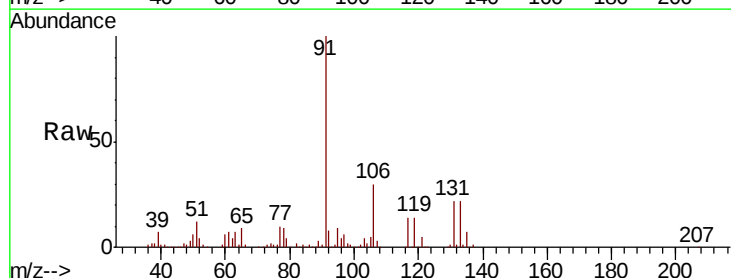
Tgt Ion:131 Resp: 62449

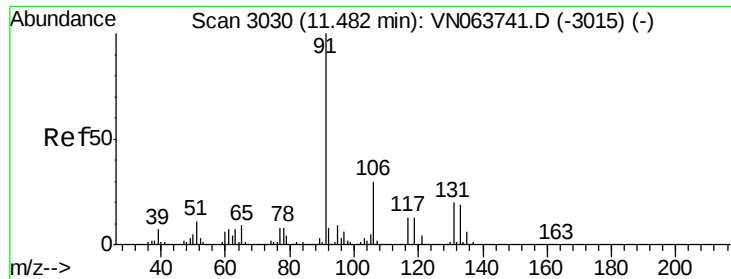
Ion Ratio Lower Upper

131 100

133 98.6 47.3 141.8

119 68.8 32.6 97.7

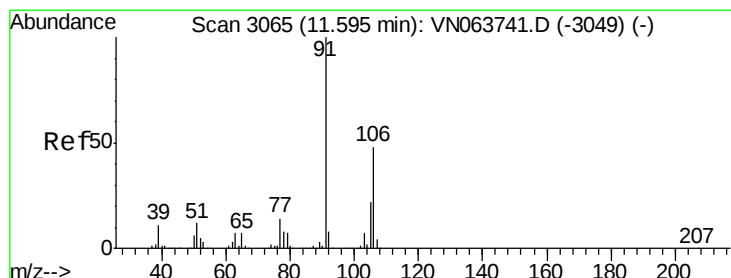
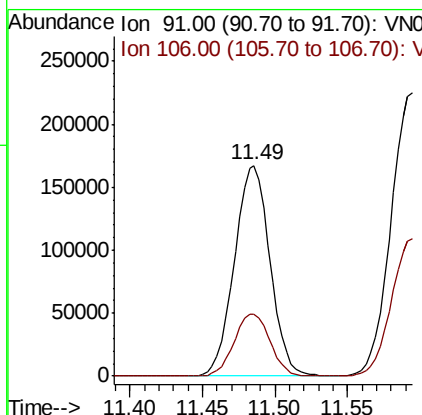
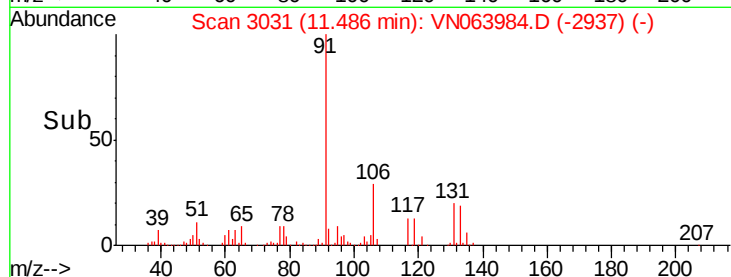
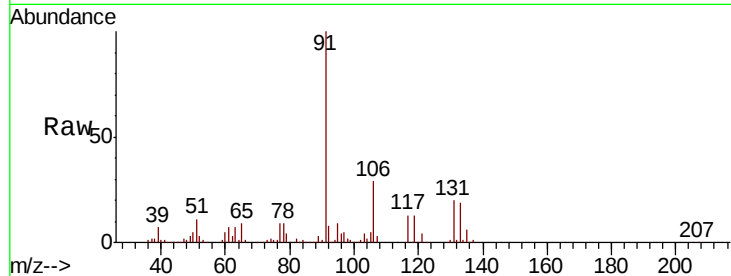




#67
Ethyl Benzene
Concen: 18.784 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

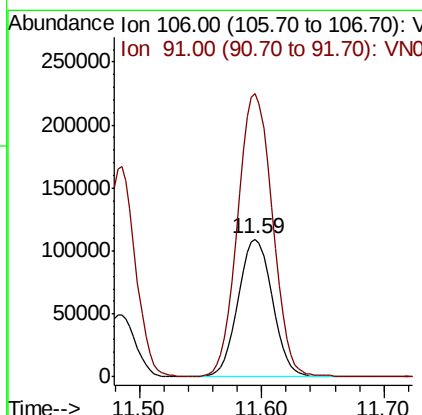
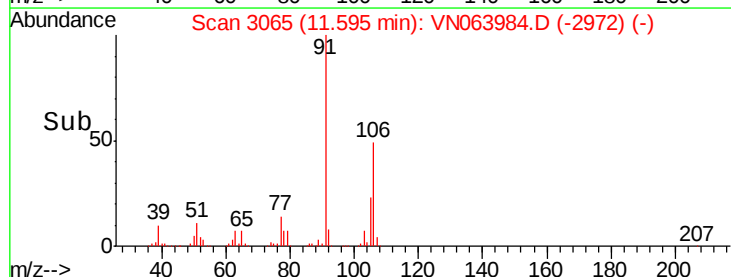
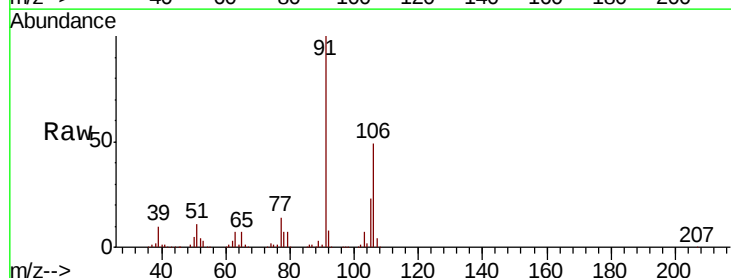
Instrument :
MSVOA_N
ClientSampled :
VN1008WBSD01

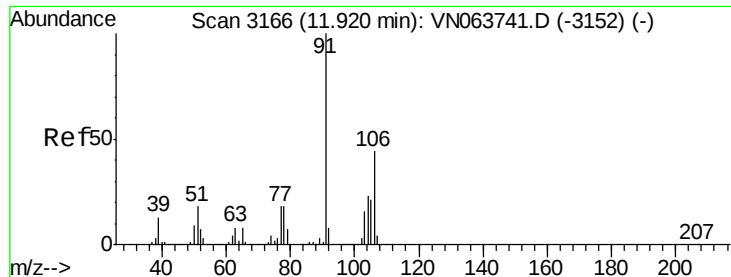
Tot Ion: 91 Resp: 284204
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.2



#68
m/p-Xylenes
Concen: 37.783 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 106 Resp: 213055
Ion Ratio Lower Upper
106 100
91 208.3 168.0 252.0

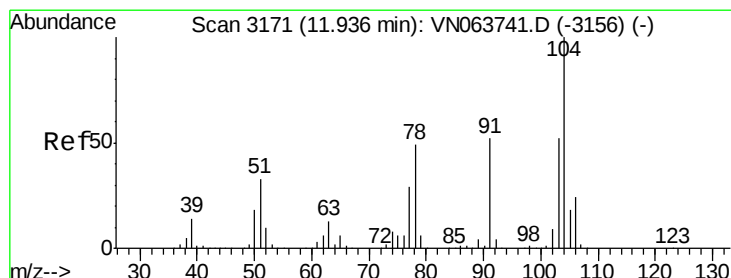
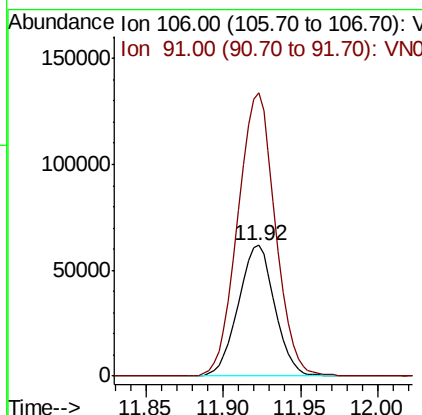
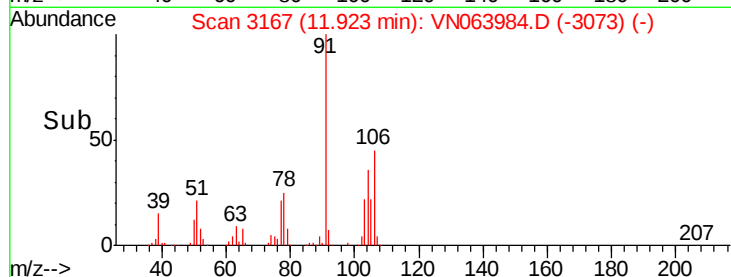
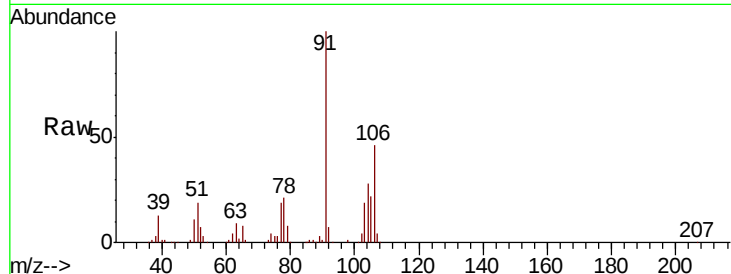




#69
o-Xylene
Concen: 19.310 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

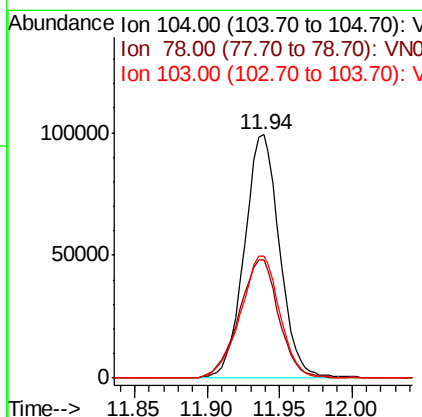
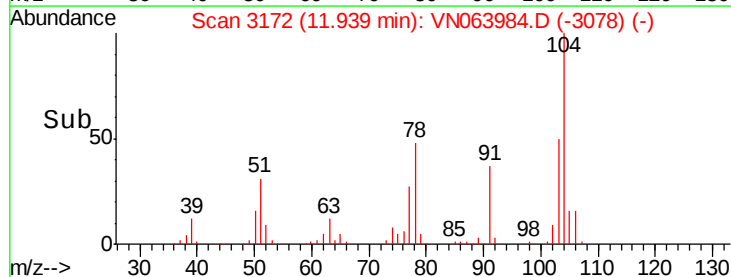
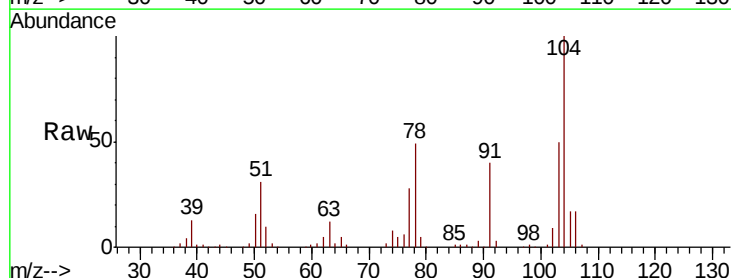
Instrument :
MSVOA_N
ClientSampled :
VN1008WBSD01

Tot Ion:106 Resp: 101776
Ion Ratio Lower Upper
106 100
91 222.1 112.7 338.0



#70
Styrene
Concen: 18.776 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion:104 Resp: 167979
Ion Ratio Lower Upper
104 100
78 55.0 44.1 66.1
103 56.1 44.3 66.5





#71

Bromoform

Concen: 19.220 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampled :

VN1008WBSD01

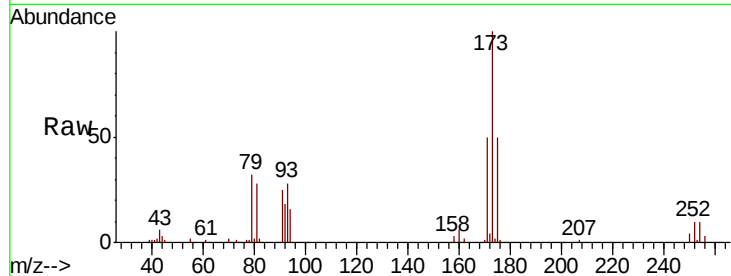
Tot Ion:173 Resp: 46859

Ion Ratio Lower Upper

173 100

175 49.6 23.5 70.5

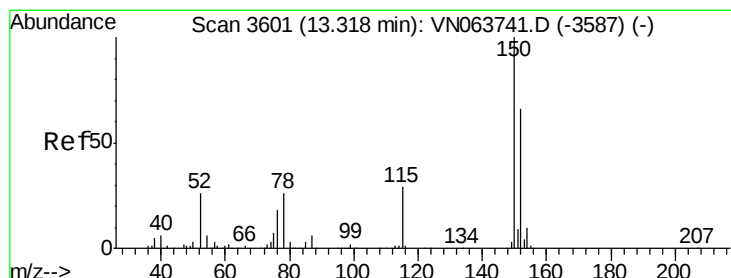
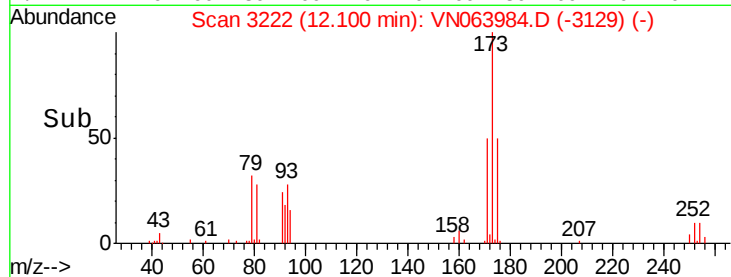
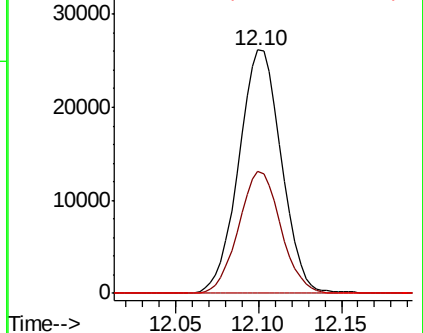
254 0.0 0.0 0.0



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: VN063984.D

Acq: 8 Oct 2020 12:31

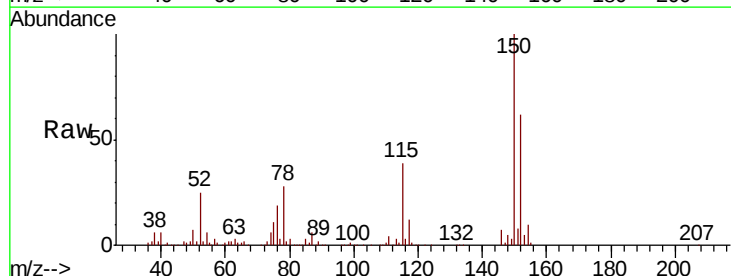
Tgt Ion:152 Resp: 185543

Ion Ratio Lower Upper

152 100

115 63.2 31.3 93.8

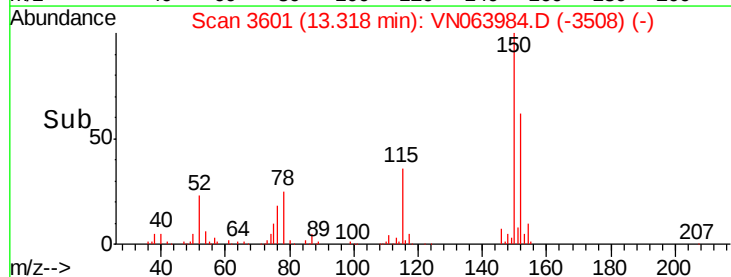
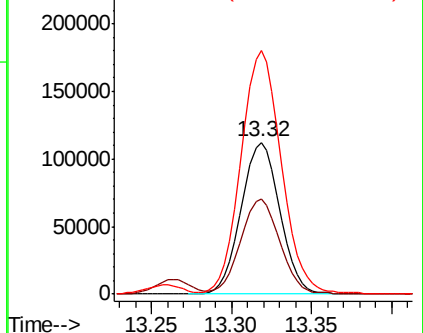
150 166.7 0.0 341.8

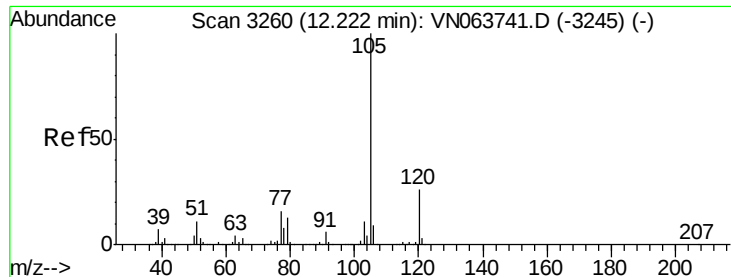


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.643 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

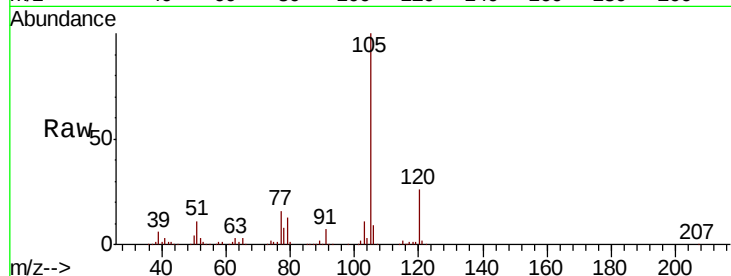
VN1008WBSD01

Tot Ion:105 Resp: 265835

Ion Ratio Lower Upper

105 100

120 25.9 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.23

150000

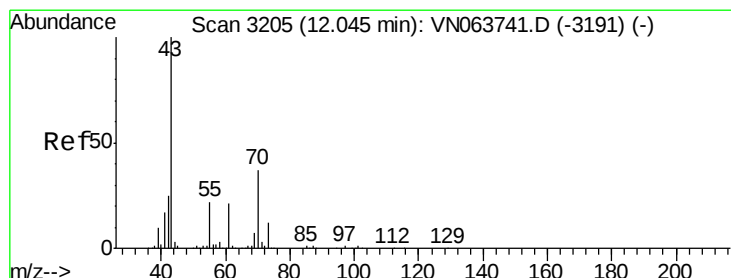
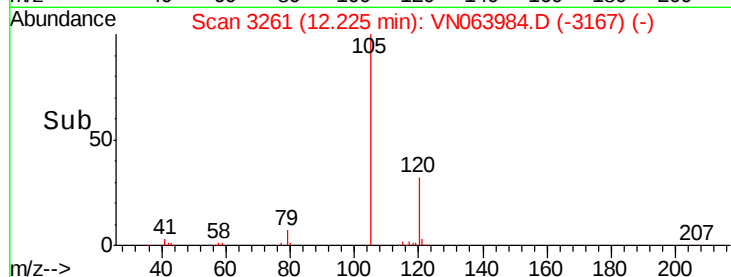
100000

50000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 20.394 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Tgt Ion: 43 Resp: 119644

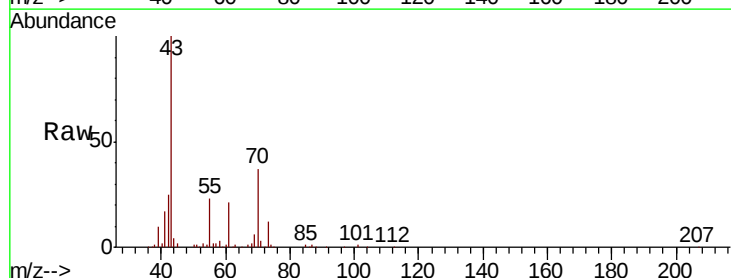
Ion Ratio Lower Upper

43 100

70 35.6 29.8 44.8

55 23.5 17.9 26.9

61 21.5 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.04

100000

80000

60000

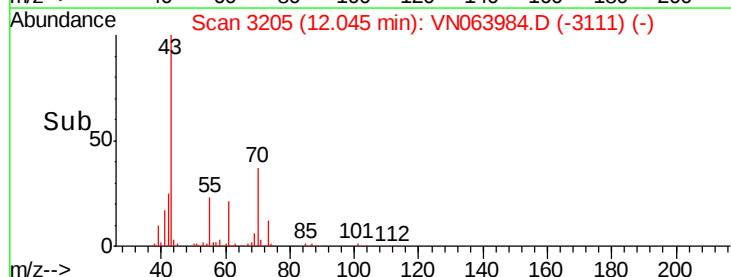
40000

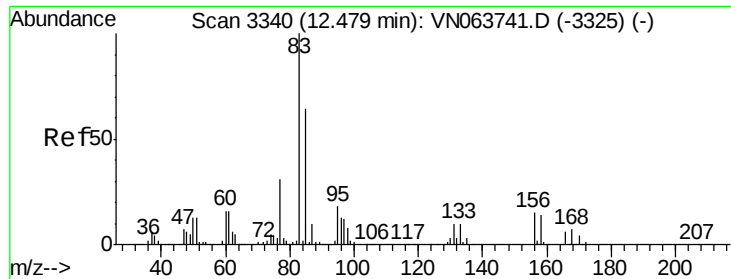
20000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 20.914 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

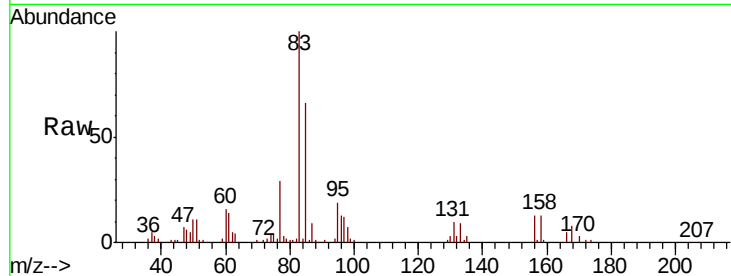
Tot Ion: 83 Resp: 86548

Ion Ratio Lower Upper

83 100

131 11.0 5.3 15.8

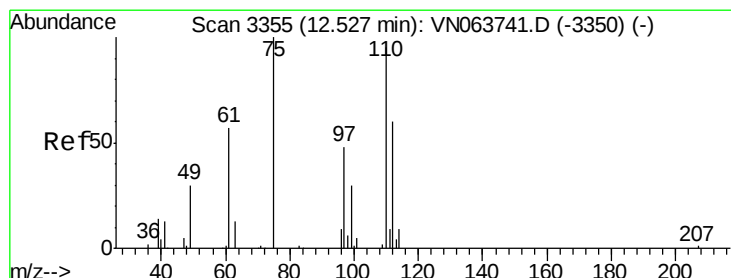
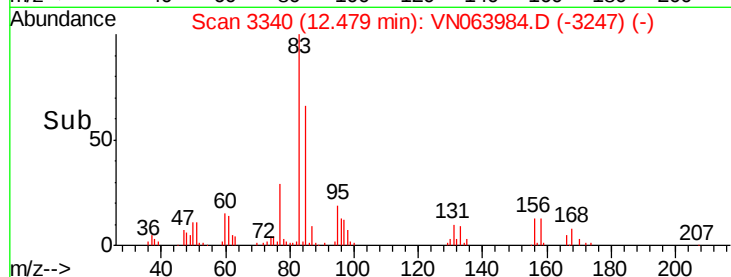
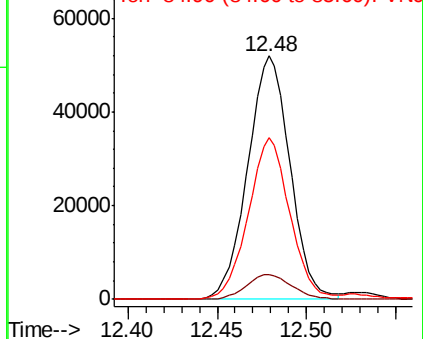
85 64.7 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN063984.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN063984.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN063984.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 29.458 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063984.D

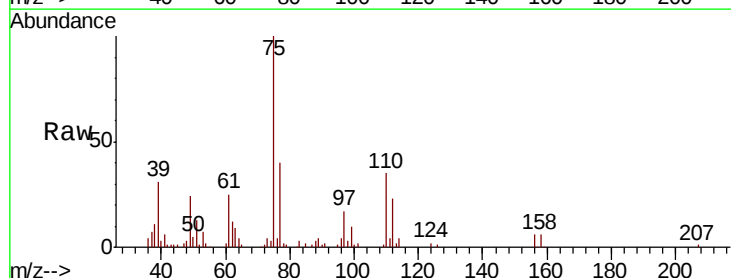
Acq: 8 Oct 2020 12:31

Tgt Ion: 75 Resp: 120488

Ion Ratio Lower Upper

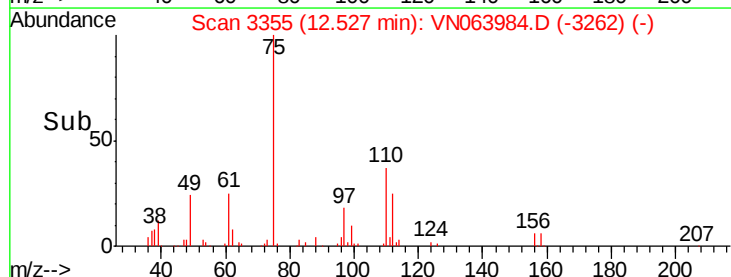
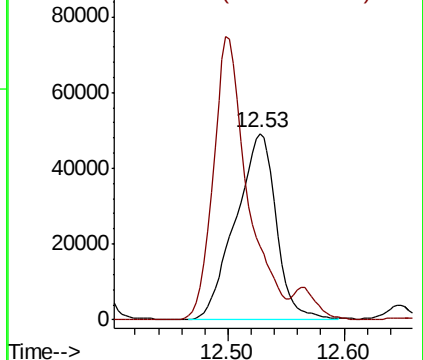
75 100

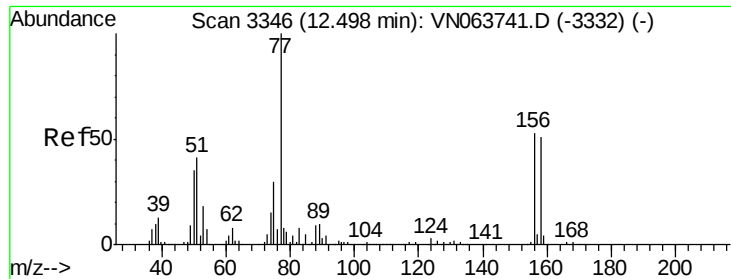
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063984.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN063984.D (-3262) (-)





#77

Bromobenzene

Concen: 20.490 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

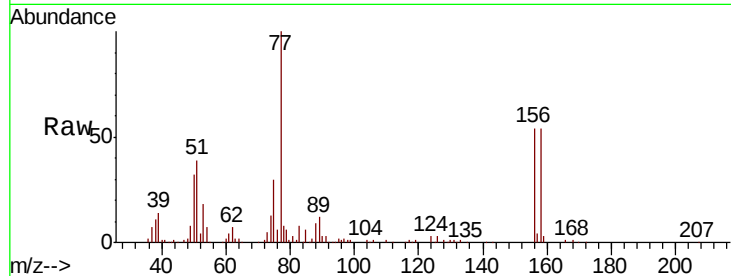
Tot Ion:156 Resp: 68042

Ion Ratio Lower Upper

156 100

77 224.8 110.9 332.7

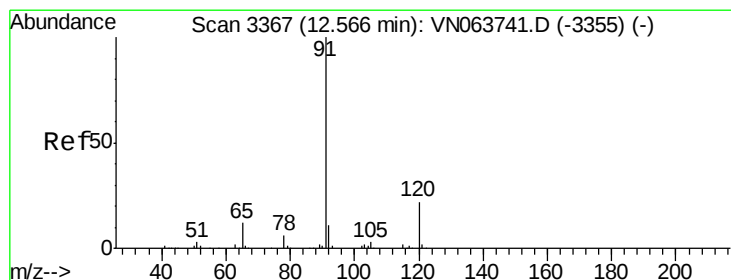
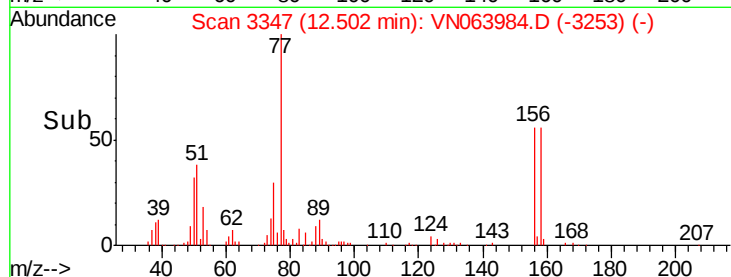
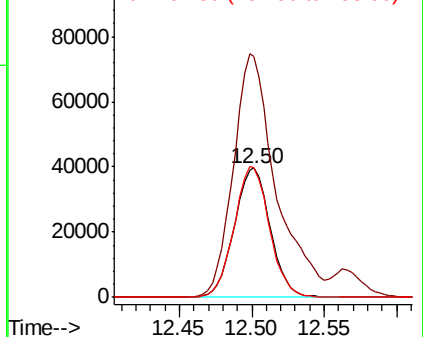
158 100.0 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.419 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063984.D

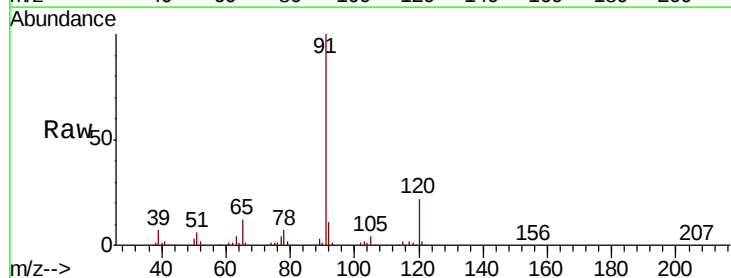
Acq: 8 Oct 2020 12:31

Tgt Ion: 91 Resp: 305850

Ion Ratio Lower Upper

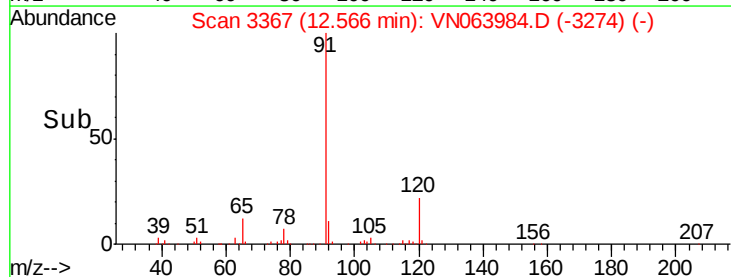
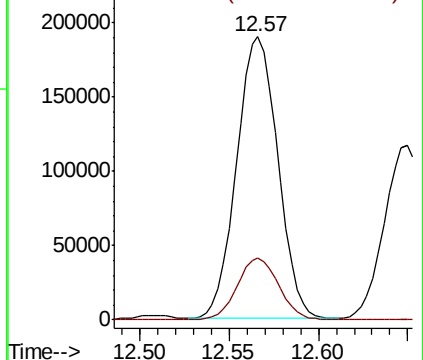
91 100

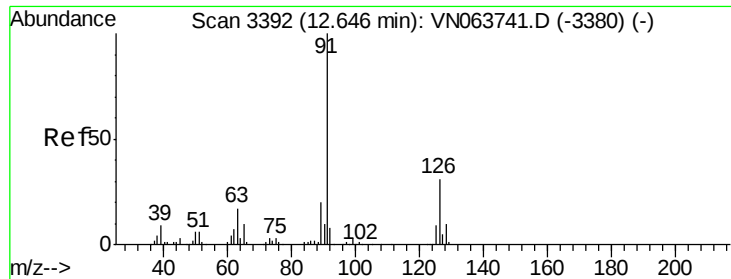
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

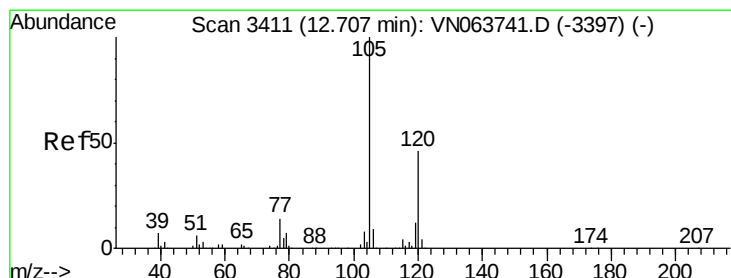
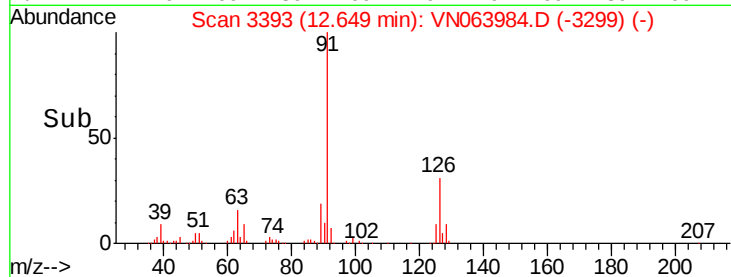
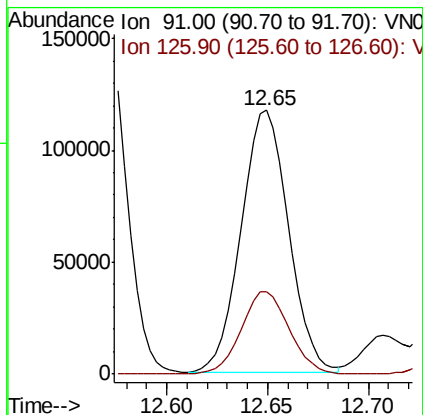
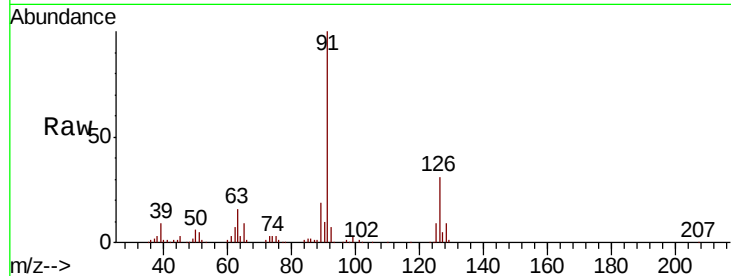




#79
 2-Chlorotoluene
 Concen: 20.010 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

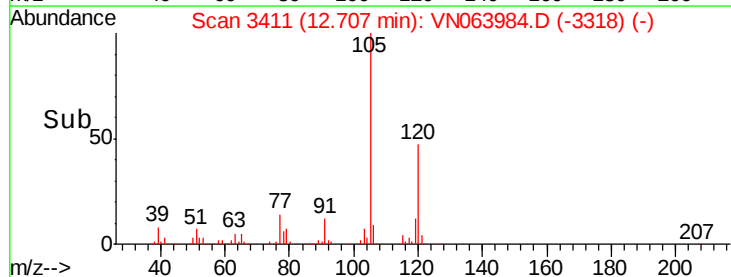
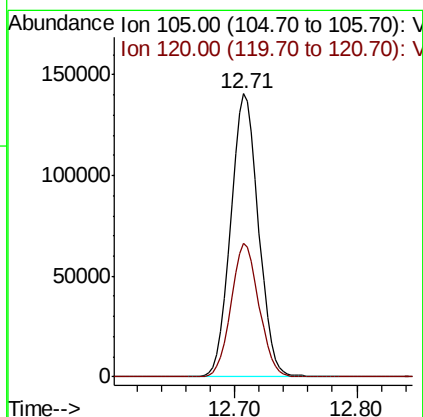
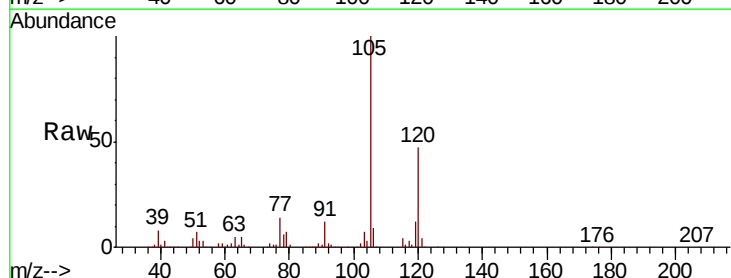
Instrument :
 MSVOA_N
 ClientSampled :
 VN1008WBSD01

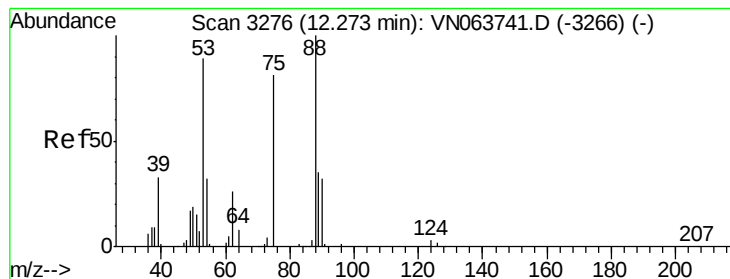
Tot Ion: 91 Resp: 193824
 Ion Ratio Lower Upper
 91 100
 126 31.9 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.624 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Tgt Ion: 105 Resp: 222809
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.3 69.9





#81

trans-1,4-Dichloro-2-butene

Concen: 19.732 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBSD01

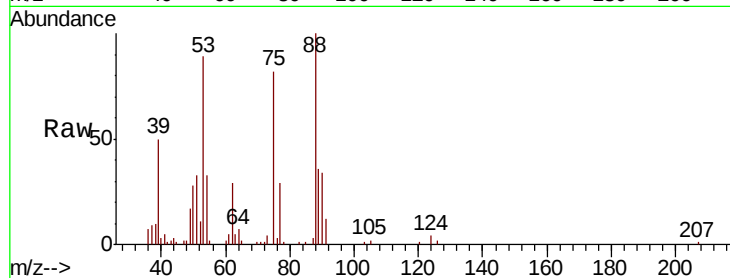
Tot Ion: 75 Resp: 28022

Ion Ratio Lower Upper

75 100

53 115.6 88.2 132.2

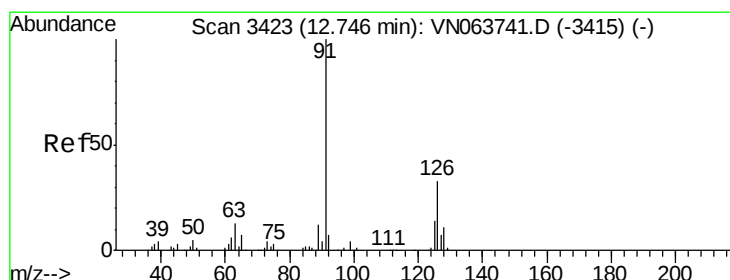
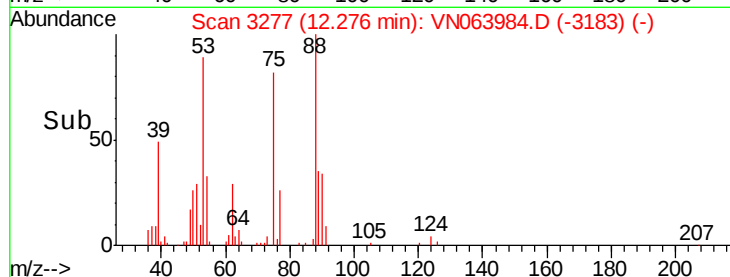
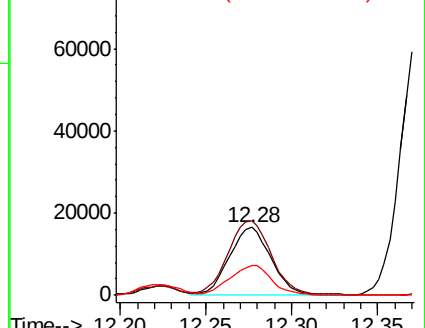
89 45.5 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.753 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063984.D

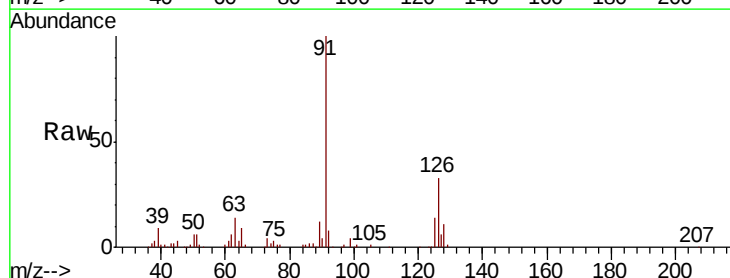
Acq: 8 Oct 2020 12:31

Tgt Ion: 91 Resp: 198627

Ion Ratio Lower Upper

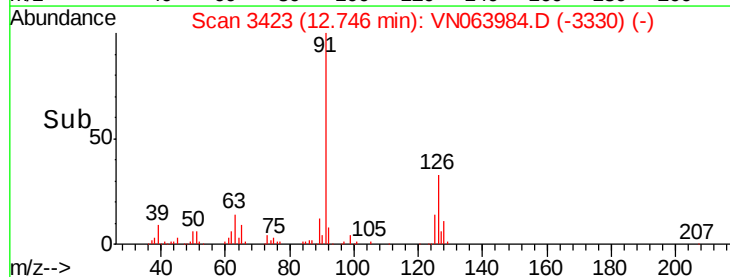
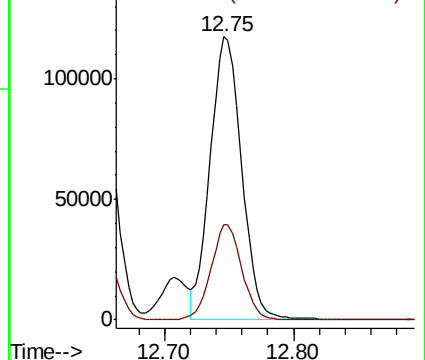
91 100

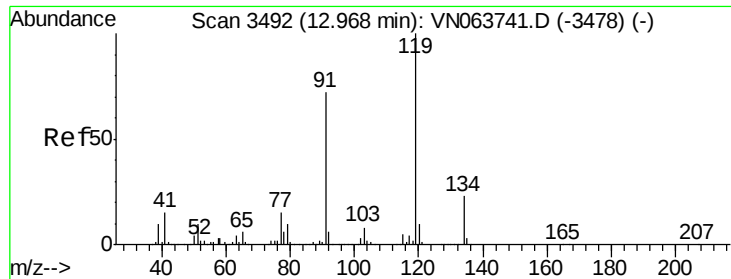
126 33.1 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

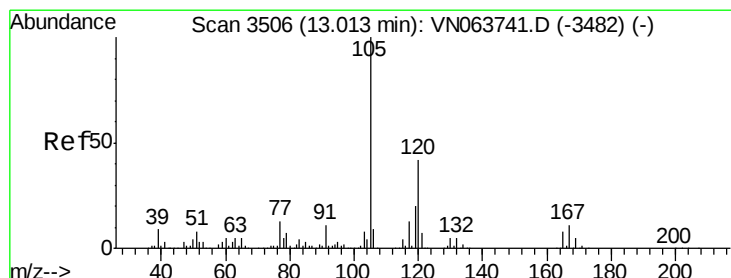
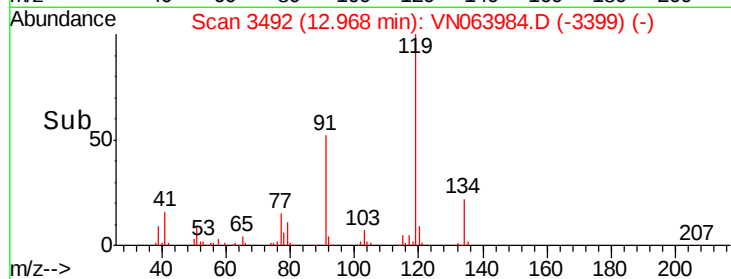
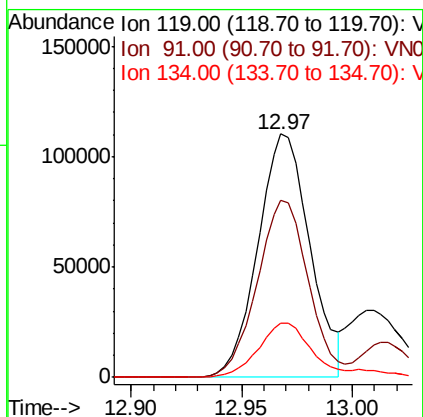
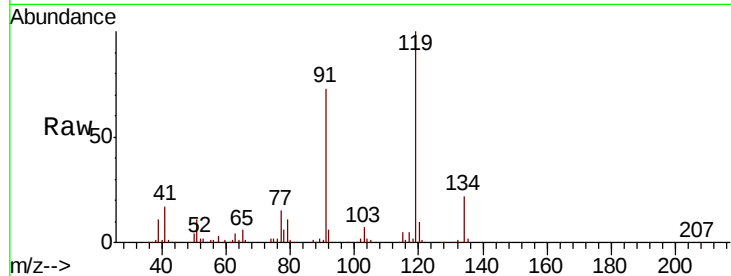




#83
tert-Butylbenzene
Concen: 19.389 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

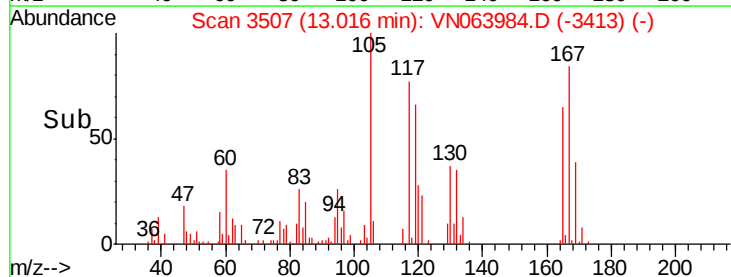
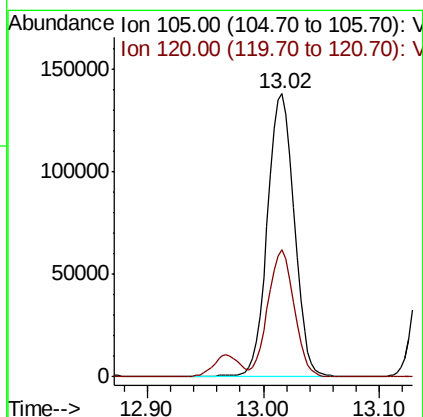
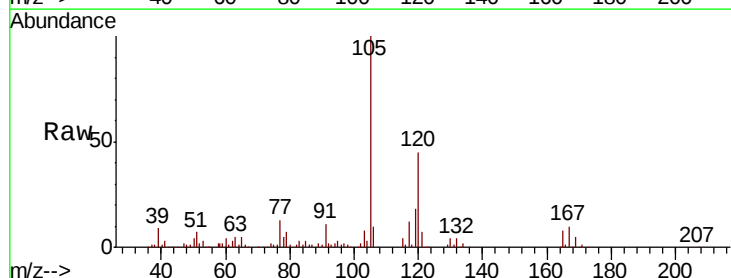
Instrument :
MSVOA_N
ClientSampled :
VN1008WBSD01

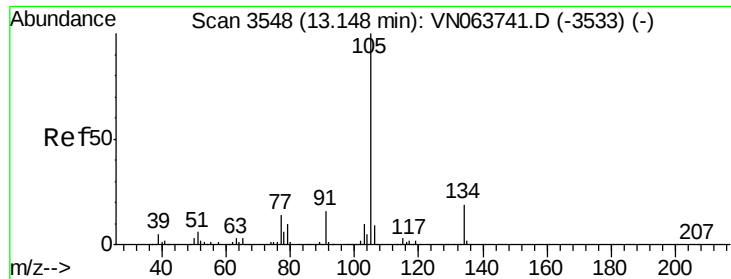
Tot Ion:119 Resp: 180068
Ion Ratio Lower Upper
119 100
91 71.0 35.5 106.5
134 24.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.570 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion:105 Resp: 221843
Ion Ratio Lower Upper
105 100
120 43.6 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.312 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

Instrument :

MSVOA_N

ClientSampleId :

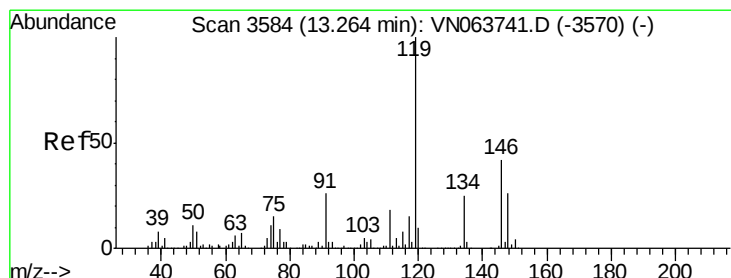
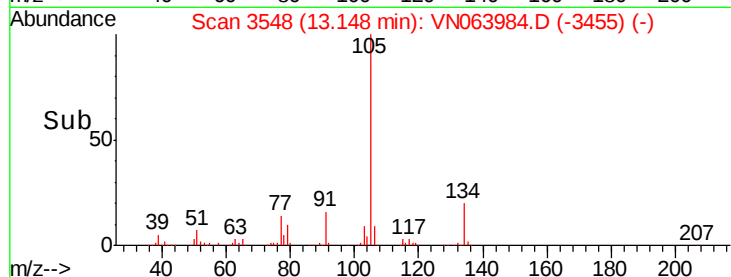
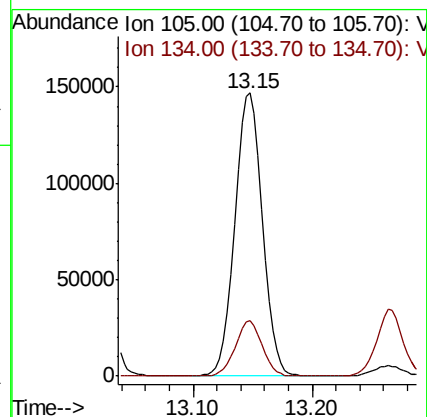
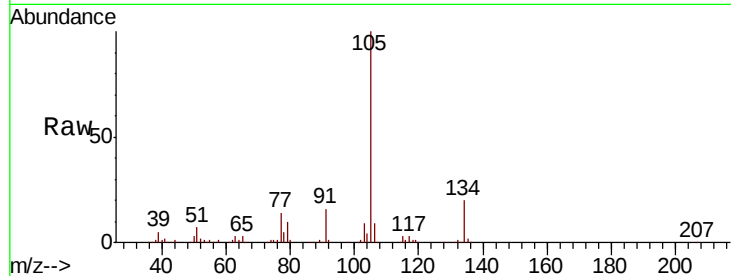
VN1008WBSD01

Tot Ion:105 Resp: 235573

Ion Ratio Lower Upper

105 100

134 19.0 9.5 28.5



#86

p-Isopropyltoluene

Concen: 19.227 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063984.D

Acq: 8 Oct 2020 12:31

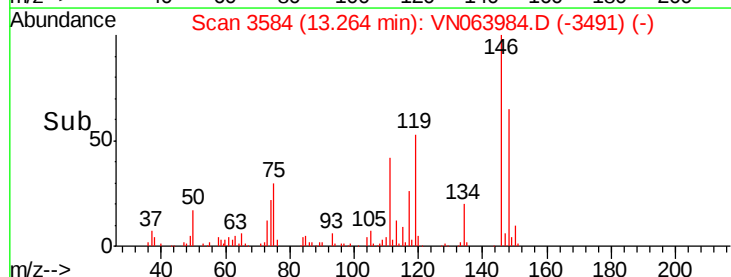
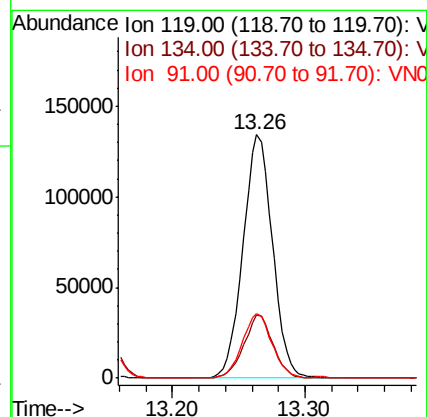
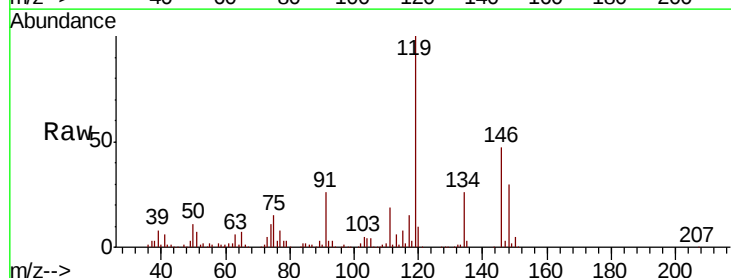
Tgt Ion:119 Resp: 207477

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.8

91 26.2 13.4 40.2

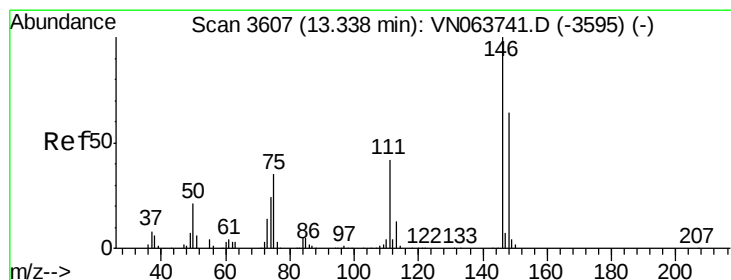
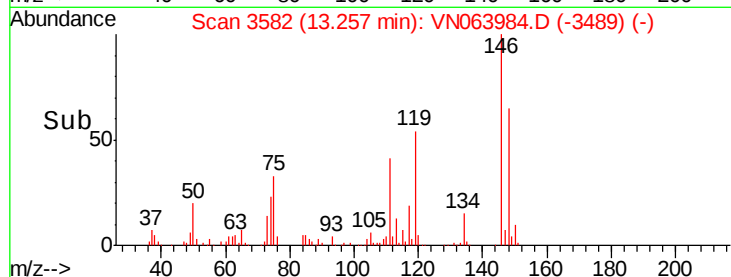
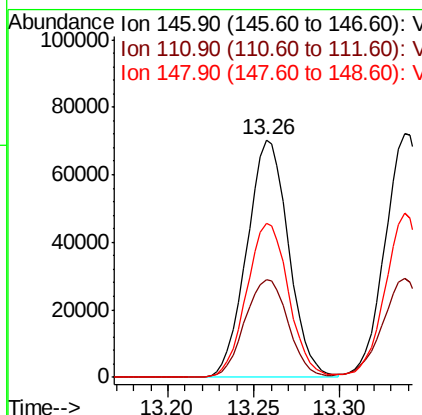
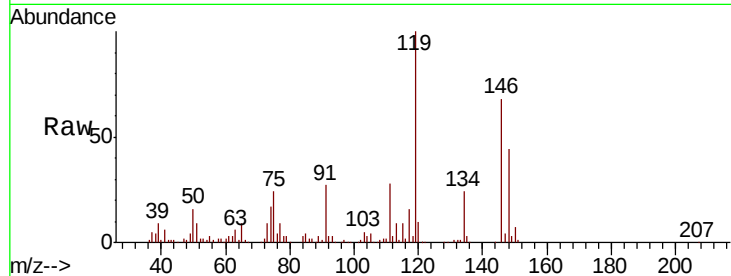




#87
 1,3-Dichlorobenzene
 Concen: 19.695 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

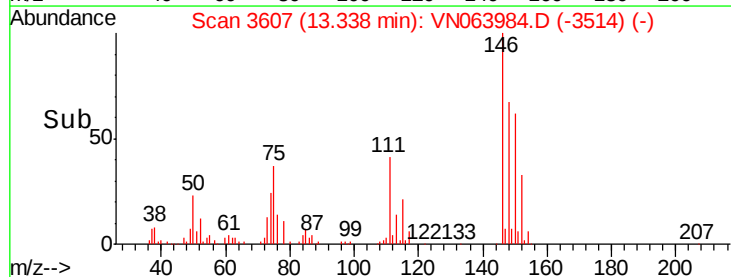
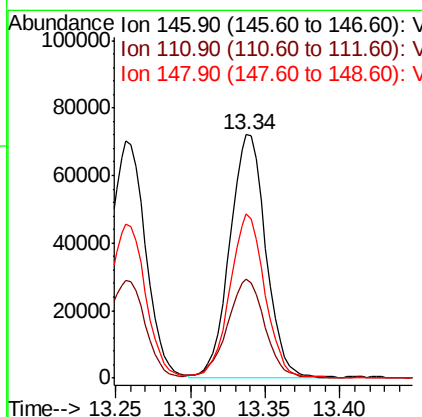
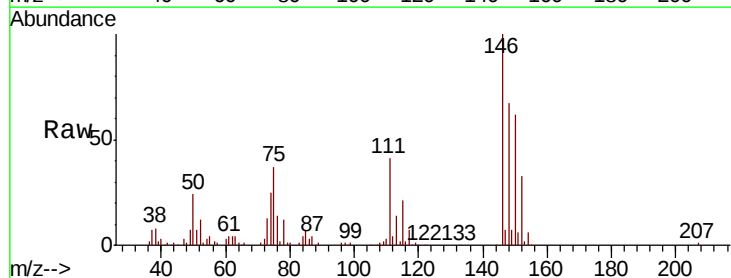
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

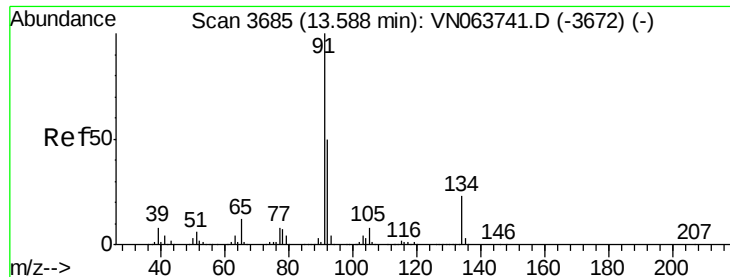
Tot Ion:146 Resp: 118320
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.5 64.5
 148 65.4 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 19.211 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Tgt Ion:146 Resp: 120168
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.3 63.7
 148 66.3 32.0 96.0

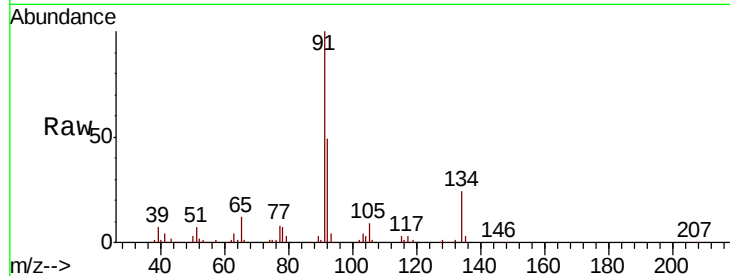




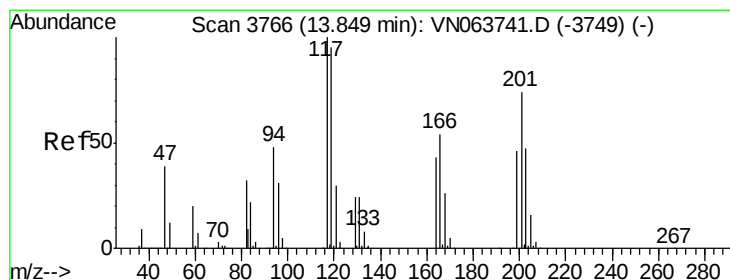
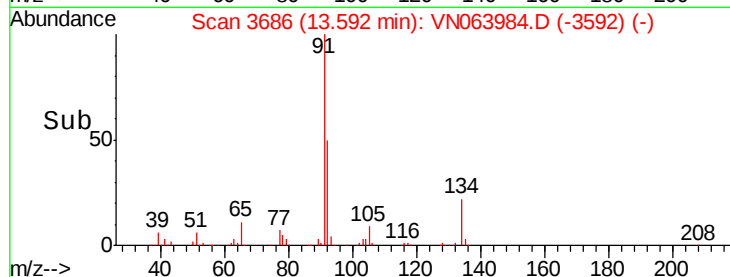
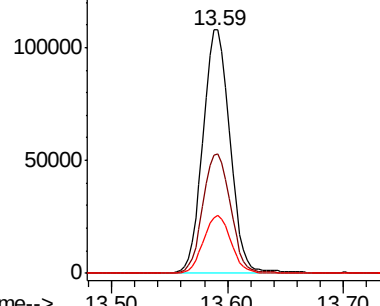
#89
n-Butylbenzene
Concen: 17.540 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tot Ion: 91 Resp: 174697
Ion Ratio Lower Upper
91 100
92 50.3 25.4 76.4
134 24.1 11.7 35.1

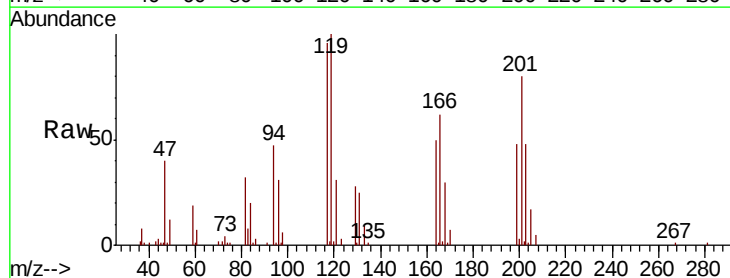


Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)
Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)
Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)

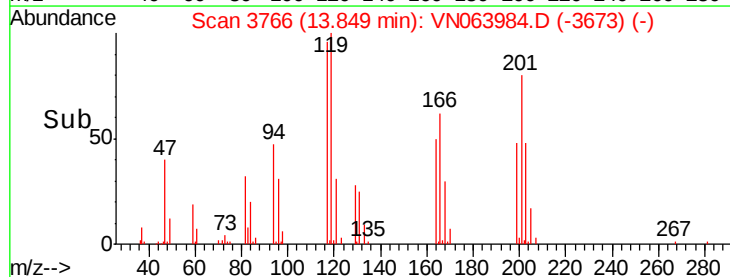
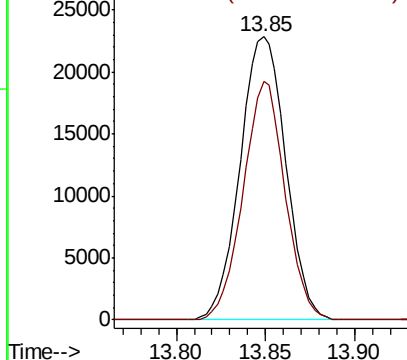


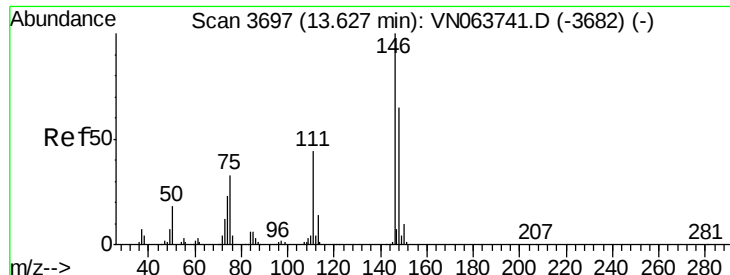
#90
Hexachloroethane
Concen: 19.549 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion: 117 Resp: 40879
Ion Ratio Lower Upper
117 100
201 77.2 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)

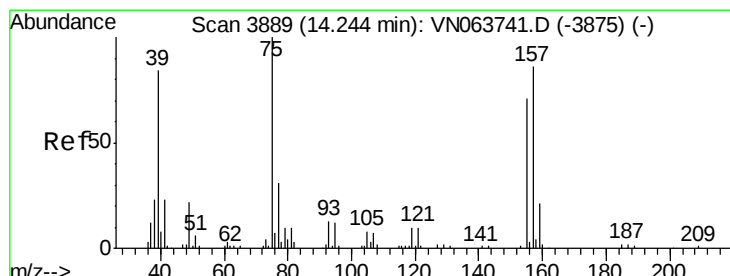
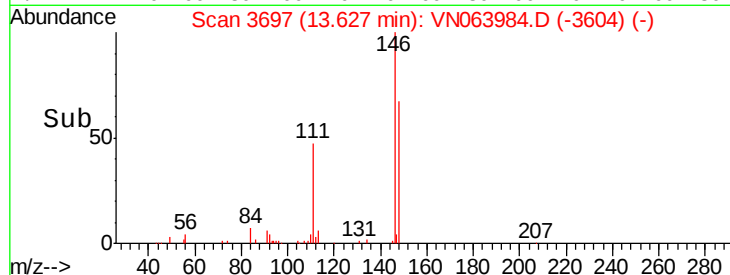
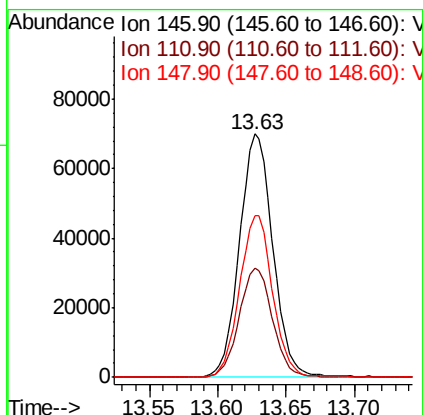
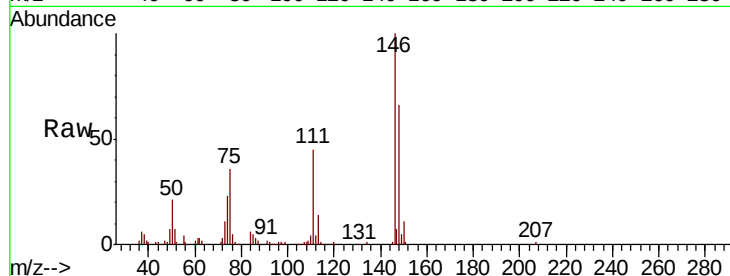




#91
 1,2-Dichlorobenzene
 Concen: 19.958 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

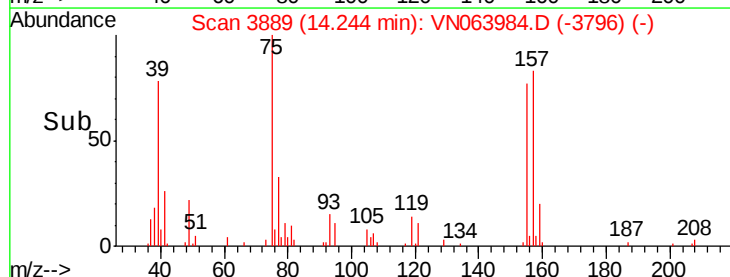
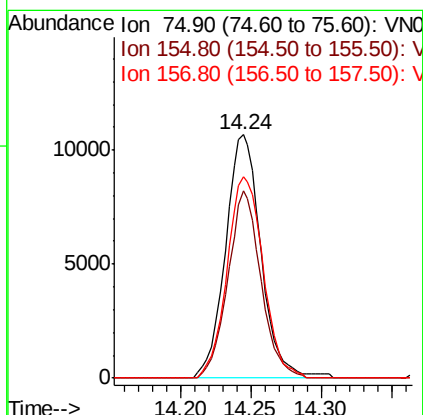
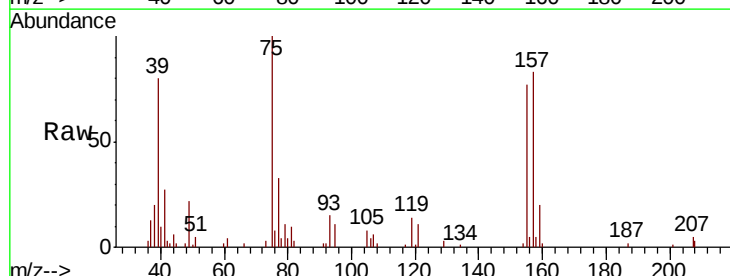
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

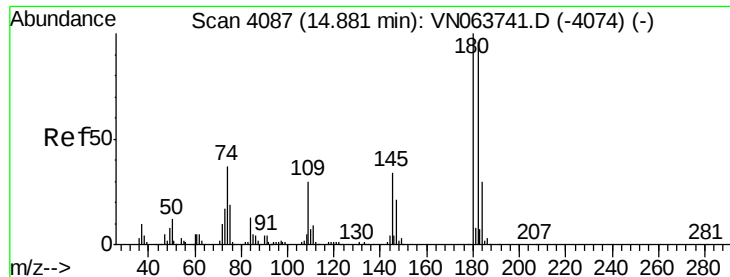
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.2	66.6
148	65.8	32.5	97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.318 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.4	34.8	104.5
157	84.0	43.7	131.1

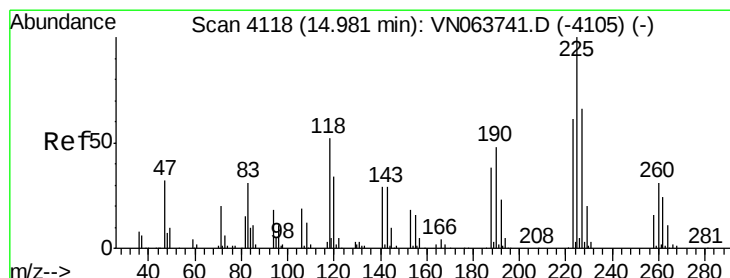
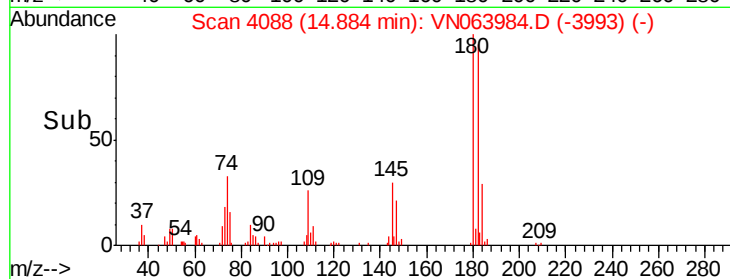
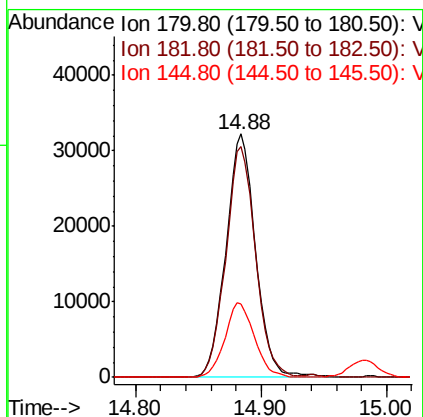
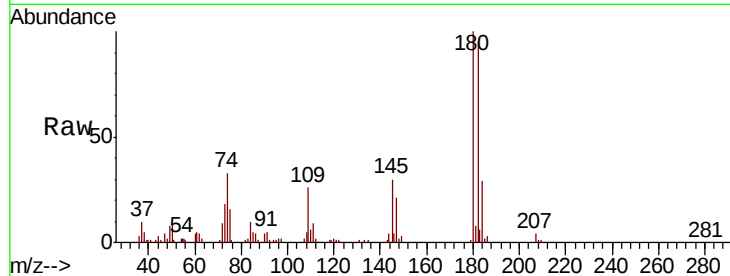




#93
 1,2,4-Trichlorobenzene
 Concen: 17.443 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

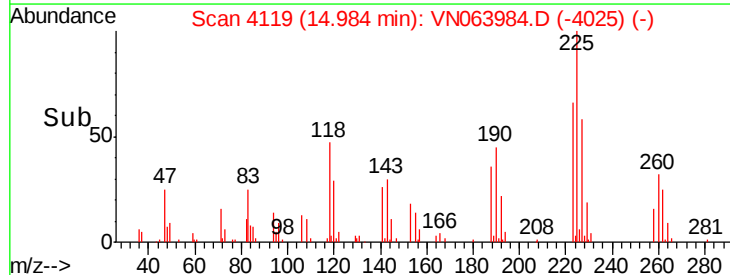
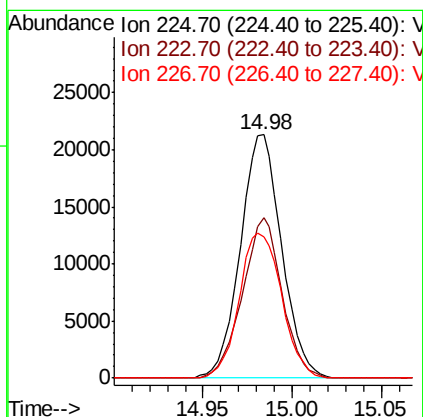
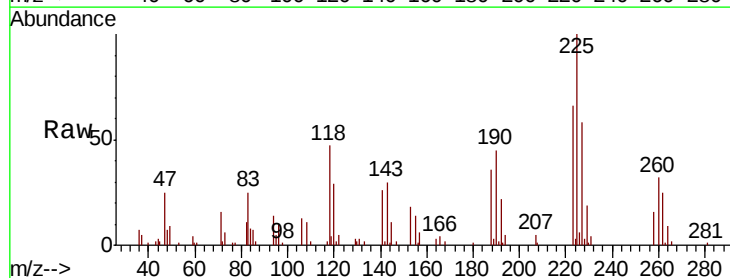
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBSD01

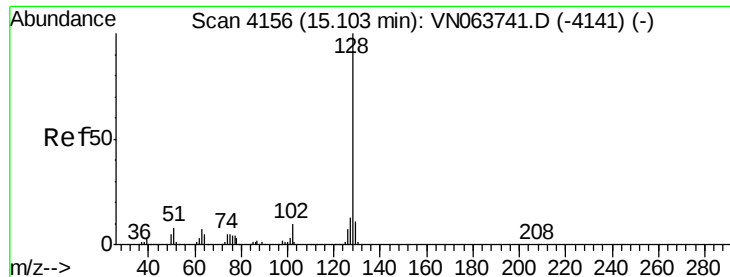
Tot Ion:180 Resp: 52648
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.2 144.6
 145 30.4 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 21.439 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063984.D
 Acq: 8 Oct 2020 12:31

Tgt Ion:225 Resp: 34527
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.3 91.0
 227 61.1 31.9 95.5

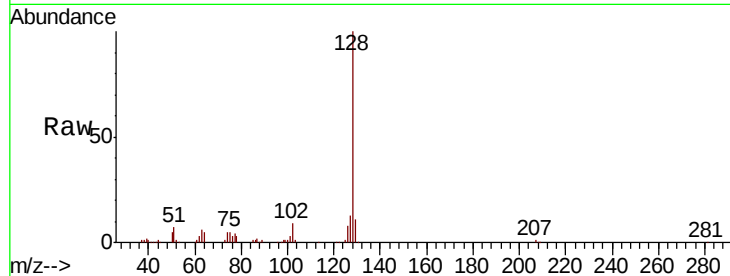




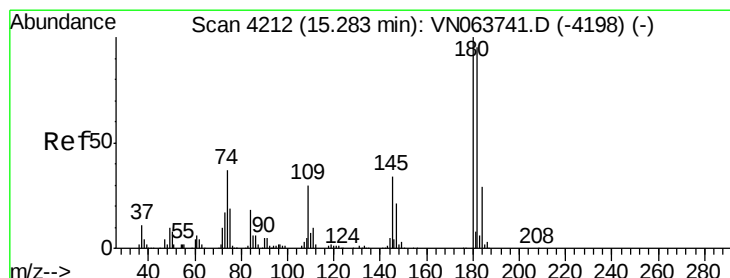
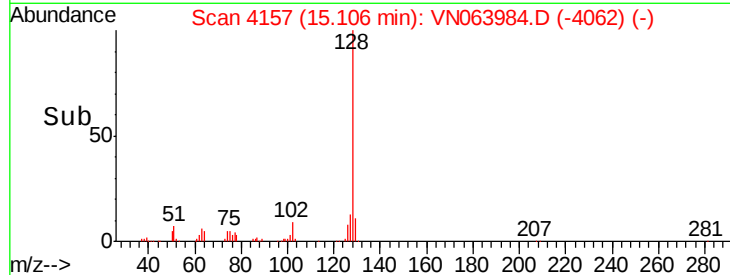
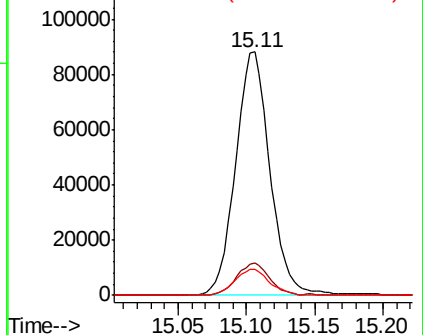
#95
Naphthalene
Concen: 16.717 ug/l
RT: 15.11 min Scan# 4157
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBSD01

Tot Ion:128 Resp: 154025
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.9 8.7 13.1

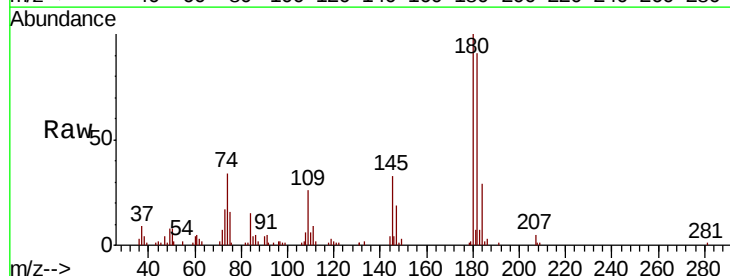


Abundance Ion 128.00 (127.70 to 128.70): V
120000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 17.904 ug/l
RT: 15.29 min Scan# 4213
Delta R.T. 0.00 min
Lab File: VN063984.D
Acq: 8 Oct 2020 12:31

Tgt Ion:180 Resp: 52926
Ion Ratio Lower Upper
180 100
182 93.9 47.9 143.6
145 33.9 17.2 51.5



Abundance Ion 179.80 (179.50 to 180.50): V
40000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

