

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120320\
 Data File : VN064893.D
 Acq On : 3 Dec 2020 12:42
 Operator : JC/MD
 Sample : VN1203MBS01
 Misc : 5.00µg/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Quant Time: Dec 04 02:58:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	214716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	331682	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	303387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	149380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	98766	39.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	79.14%		
35) Dibromofluoromethane	7.55	113	85241	42.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	85.90%		
50) Toluene-d8	10.06	98	330628	40.77	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	81.54%		
62) 4-Bromofluorobenzene	12.37	95	116840	40.26	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	80.52%		

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	31914	17.150	ug/l	99
3) Chloromethane	2.04	50	41632	17.216	ug/l	99
4) Vinyl Chloride	2.17	62	44816	17.776	ug/l	96
5) Bromomethane	2.53	94	29206	17.657	ug/l	100
6) Chloroethane	2.67	64	28764	18.446	ug/l	97
7) Trichlorofluoromethane	2.99	101	66071	18.958	ug/l	96
8) Diethyl Ether	3.37	74	26527	19.283	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	41102	19.660	ug/l	97
10) Methyl Iodide	3.91	142	47091	17.366	ug/l	97
11) Tert butyl alcohol	4.74	59	33675	86.503	ug/l	98
12) 1,1-Dichloroethene	3.69	96	39487	18.965	ug/l	96
13) Acrolein	3.56	56	19077	80.228	ug/l	95
14) Allyl chloride	4.27	41	63153	18.390	ug/l	97
15) Acrylonitrile	4.93	53	102753	95.546	ug/l	99
16) Acetone	3.78	43	71951	87.684	ug/l	98
17) Carbon Disulfide	4.01	76	94953	17.666	ug/l	99
18) Methyl Acetate	4.28	43	47942	19.432	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	128536	19.248	ug/l	100
20) Methylene Chloride	4.50	84	48875	19.008	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	41897	18.120	ug/l	94
22) Diisopropyl ether	5.90	45	137233	19.965	ug/l	99
23) Vinyl Acetate	5.84	43	532146	96.813	ug/l	100
24) 1,1-Dichloroethane	5.80	63	81642	19.874	ug/l	100
25) 2-Butanone	6.78	43	126180	94.858	ug/l	100
26) 2,2-Dichloropropane	6.77	77	68703	19.283	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	49433	19.000	ug/l	99
28) Bromochloromethane	7.15	49	37687	20.054	ug/l	96
29) Tetrahydrofuran	7.17	42	83380	90.806	ug/l	99
30) Chloroform	7.33	83	84013	19.832	ug/l	99
31) Cyclohexane	7.61	56	63497	18.251	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	70334	19.331	ug/l	99
36) 1,1-Dichloropropene	7.75	75	59703	19.420	ug/l	98
37) Ethyl Acetate	6.88	43	55060	18.592	ug/l #	92
38) Carbon Tetrachloride	7.73	117	63512	19.855	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	63315	19.131	ug/l	99
40) Benzene	8.00	78	184416	19.575	ug/l	99
41) Methacrylonitrile	7.12	41	23041	16.862	ug/l	98
42) 1,2-Dichloroethane	8.08	62	61282	19.283	ug/l	100
43) Isopropyl Acetate	8.13	43	88054	18.478	ug/l	99
44) Trichloroethene	8.80	130	53442	19.226	ug/l	100
45) 1,2-Dichloropropane	9.08	63	48969	20.072	ug/l	96
46) Dibromomethane	9.17	93	32574	19.985	ug/l	97
47) Bromodichloromethane	9.37	83	64416	19.642	ug/l	95
48) Methyl methacrylate	9.16	41	42192	18.529	ug/l	96
49) 1,4-Dioxane	9.16	88	15585	362.135	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	274719	96.027	ug/l	99
52) Toluene	10.12	92	115488	19.906	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	69584	19.050	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	77762	19.861	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	47451	19.889	ug/l	97
56) Ethyl methacrylate	10.40	69	62088	18.859	ug/l	98
57) 1,3-Dichloropropane	10.68	76	80053	20.341	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	163161	90.096	ug/l	99
59) 2-Hexanone	10.72	43	199040	96.673	ug/l	98
60) Dibromochloromethane	10.87	129	51606	19.460	ug/l	98
61) 1,2-Dibromoethane	10.97	107	48743	20.110	ug/l	96
64) Tetrachloroethene	10.60	164	58819	19.927	ug/l	96
65) Chlorobenzene	11.40	112	129218	19.833	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	49517	20.681	ug/l	99
67) Ethyl Benzene	11.48	91	213016	19.571	ug/l	100
68) m/p-Xylenes	11.59	106	168192	40.816	ug/l	96
69) o-Xylene	11.92	106	77635	19.853	ug/l	99
70) Styrene	11.94	104	134977	20.447	ug/l	98
71) Bromoform	12.10	173	36894	19.292	ug/l #	97
73) Isopropylbenzene	12.22	105	212237	20.426	ug/l	100
74) N-amyl acetate	12.04	43	73969	18.090	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	59809	19.639	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	86159	26.782	ug/l #	100
77) Bromobenzene	12.50	156	54607	19.494	ug/l	98
78) n-propylbenzene	12.56	91	237800	20.090	ug/l	97
79) 2-Chlorotoluene	12.65	91	143060	19.552	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	179575	20.793	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	22181	18.897	ug/l	98
82) 4-Chlorotoluene	12.74	91	150954	19.683	ug/l	99
83) tert-Butylbenzene	12.96	119	149997	20.721	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	182166	20.862	ug/l	99
85) sec-Butylbenzene	13.14	105	198211	20.622	ug/l	99
86) p-Isopropyltoluene	13.26	119	181201	20.707	ug/l	100
87) 1,3-Dichlorobenzene	13.25	146	96714	19.433	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	97908	18.602	ug/l	97
89) n-Butylbenzene	13.59	91	148890	19.375	ug/l	99
90) Hexachloroethane	13.85	117	31368	20.635	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	97710	19.995	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	11930	17.410	ug/l	95

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Response via : Initial Calibration

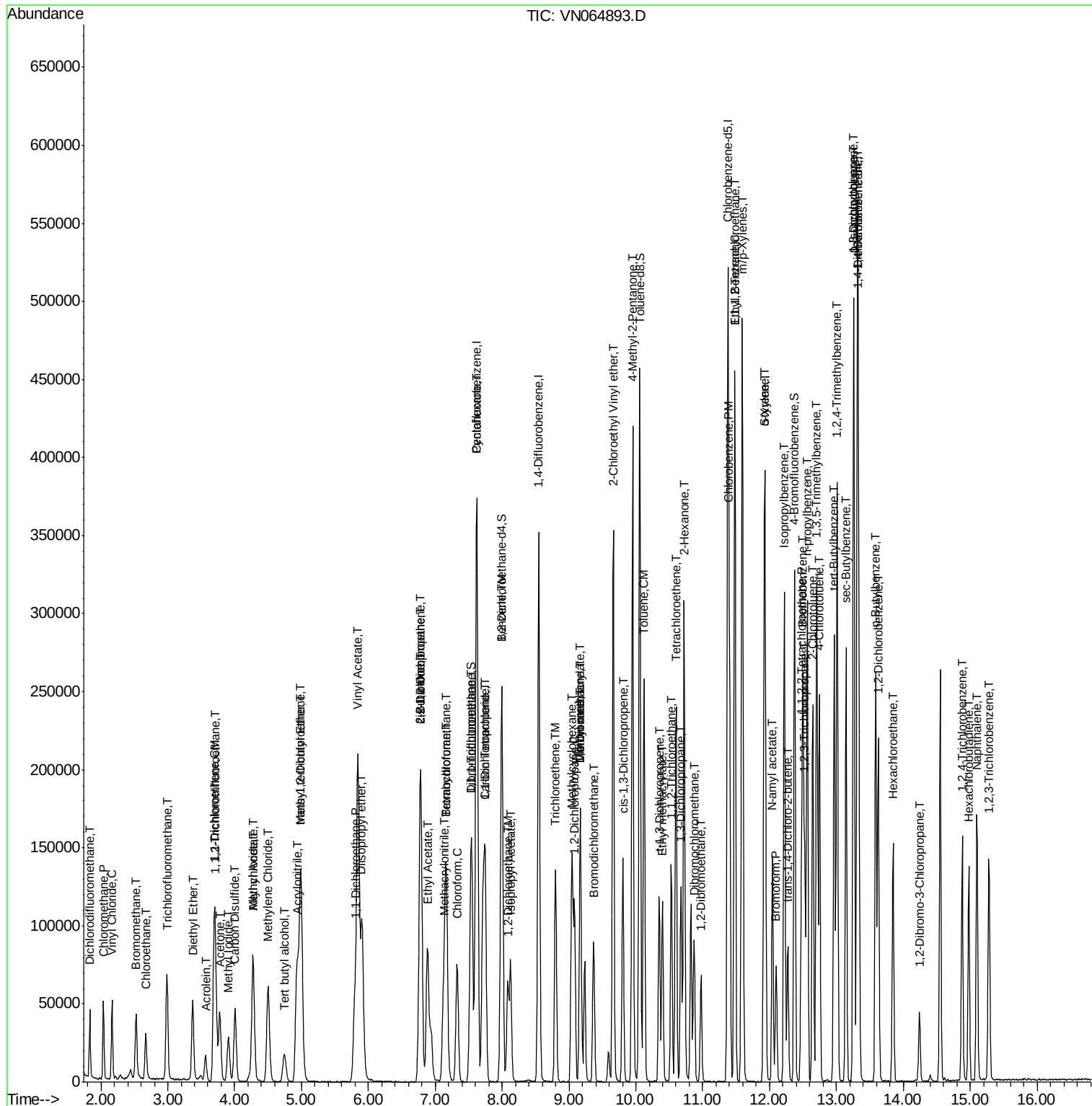
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54037	17.875	ug/l	99
94) Hexachlorobutadiene	14.98	225	28011	20.796	ug/l	98
95) Naphthalene	15.10	128	151274	16.703	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	52373	19.115	ug/l	97

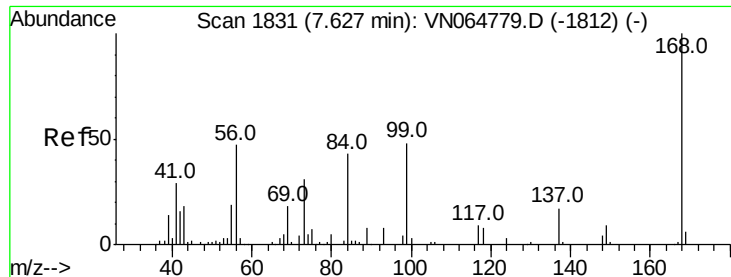
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN120320\
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Acq On : 3 Dec 2020 12:42
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Quant Title : SW846 8260
QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

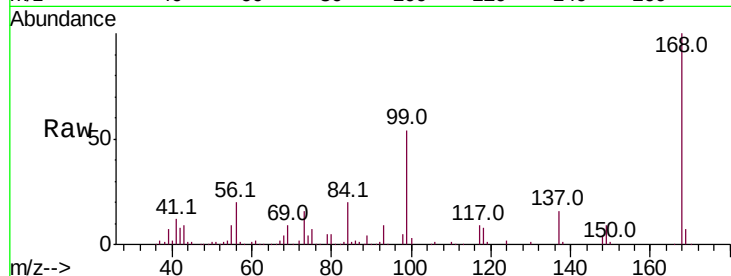
VN1203WBSD01

Tot Ion:168 Resp: 214716

Ion Ratio Lower Upper

168 100

99 53.5 43.0 64.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

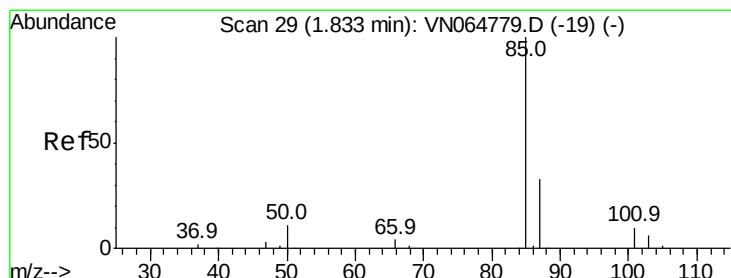
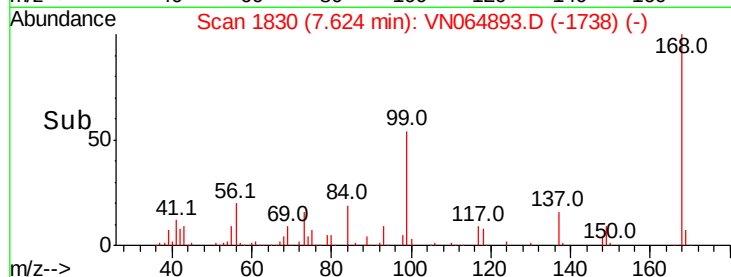
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 17.150 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064893.D

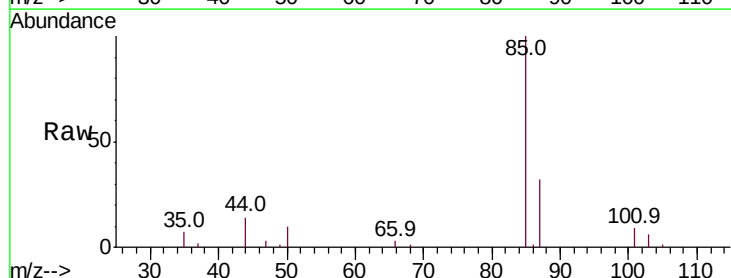
Acq: 3 Dec 2020 12:42

Tgt Ion: 85 Resp: 31914

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

25000

20000

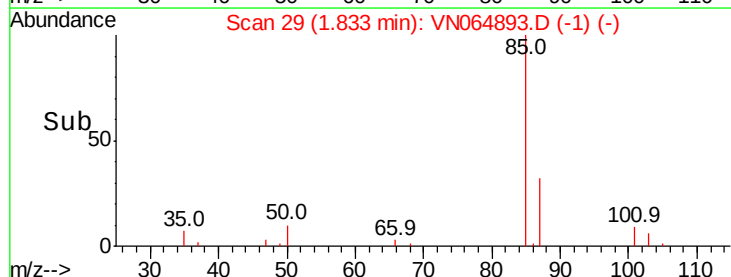
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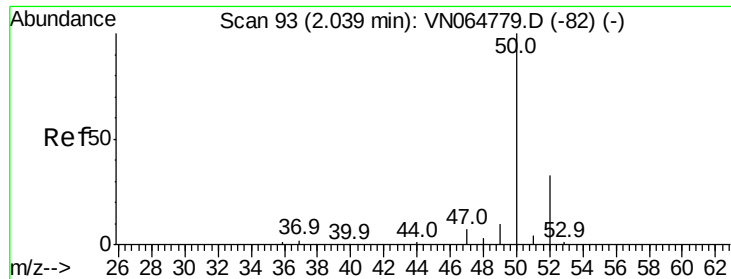
10000

5000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.216 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

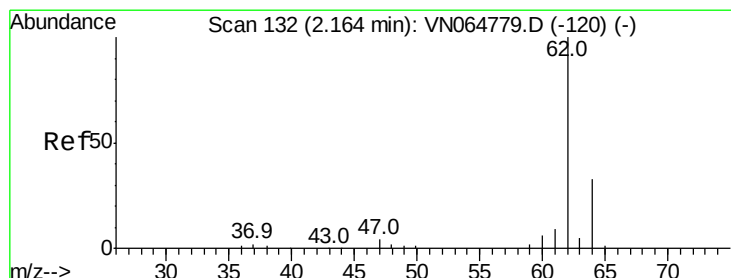
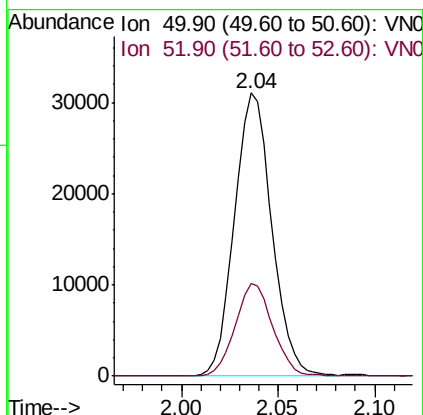
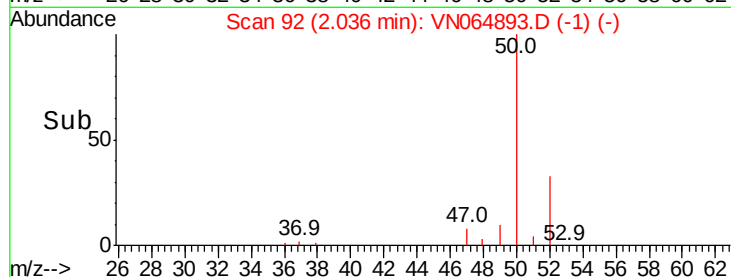
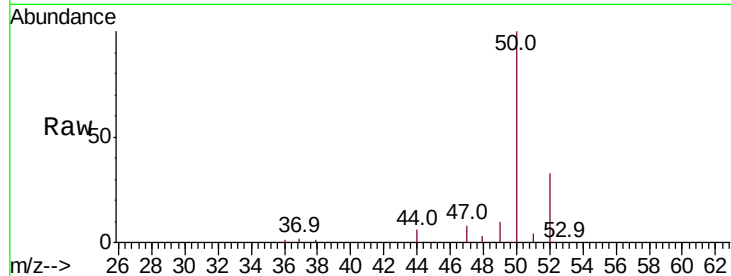
VN1203WBSD01

Tot Ion: 50 Resp: 41632

Ion Ratio Lower Upper

50 100

52 32.6 26.6 39.8



#4

Vinyl Chloride

Concen: 17.776 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN064893.D

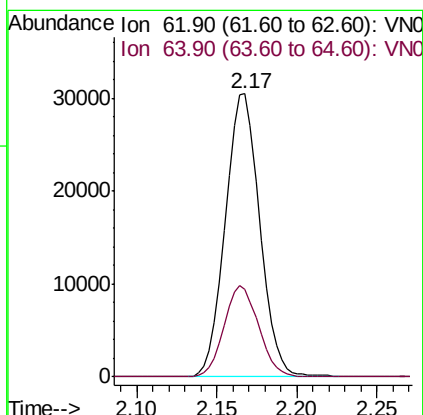
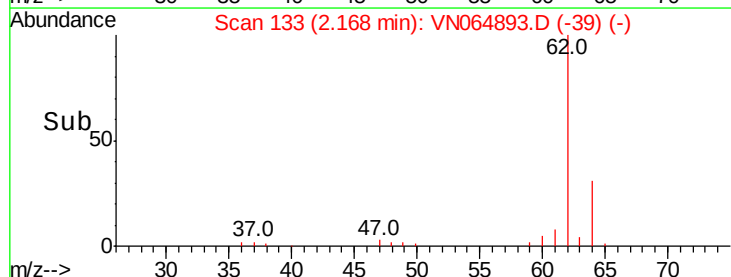
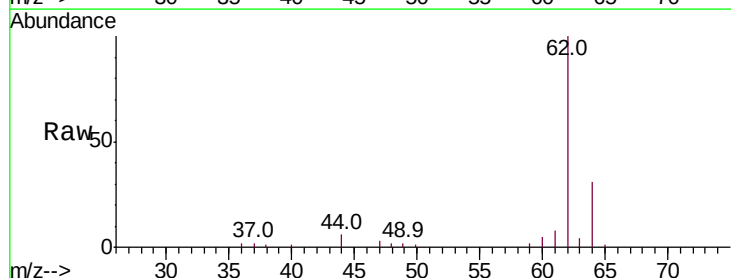
Acq: 3 Dec 2020 12:42

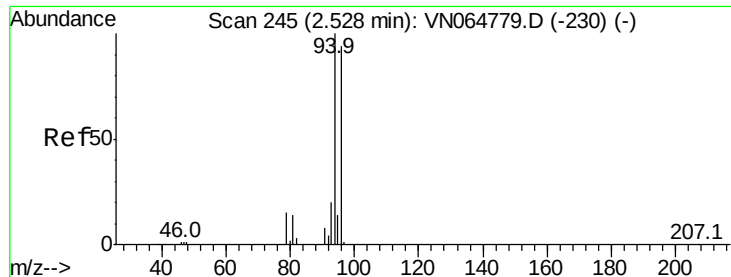
Tgt Ion: 62 Resp: 44816

Ion Ratio Lower Upper

62 100

64 30.8 26.5 39.7





#5

Bromomethane

Concen: 17.657 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

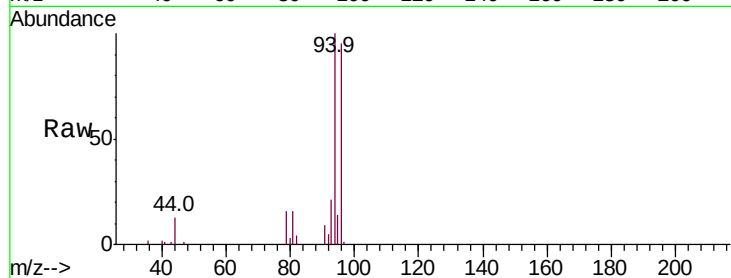
VN1203WBSD01

Tot Ion: 94 Resp: 29206

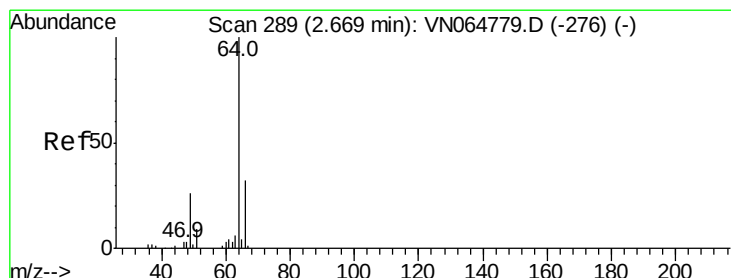
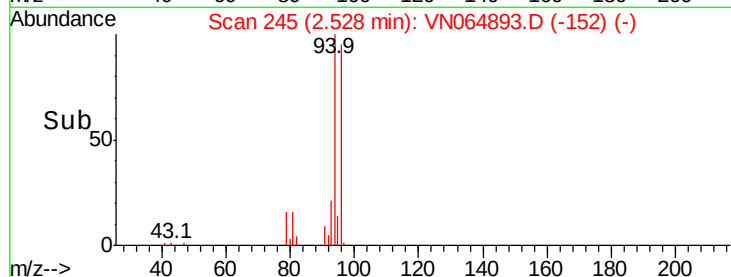
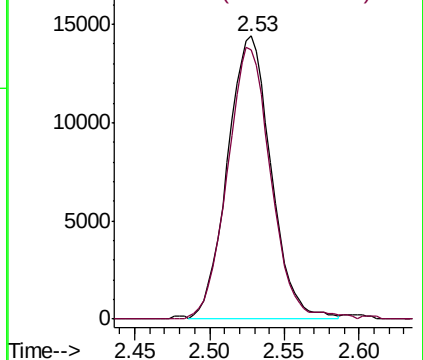
Ion Ratio Lower Upper

94 100

96 94.1 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 18.446 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064893.D

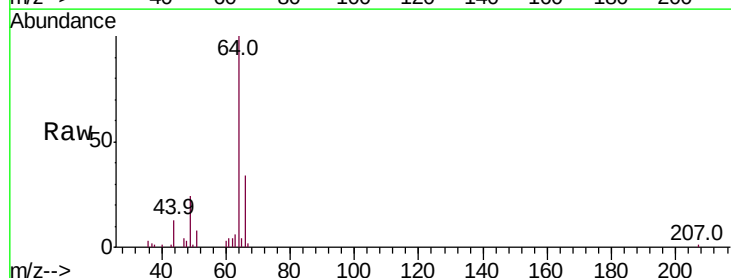
Acq: 3 Dec 2020 12:42

Tgt Ion: 64 Resp: 28764

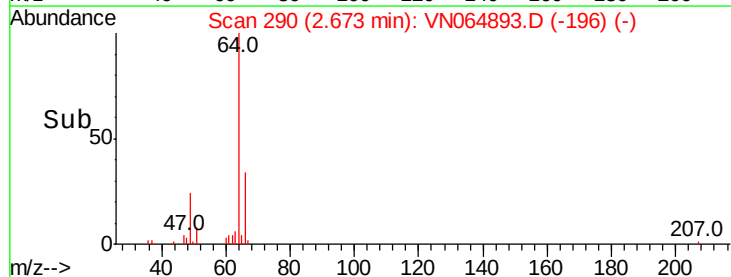
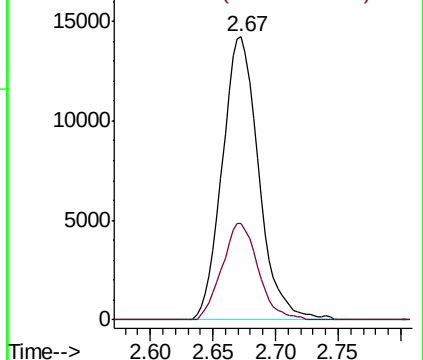
Ion Ratio Lower Upper

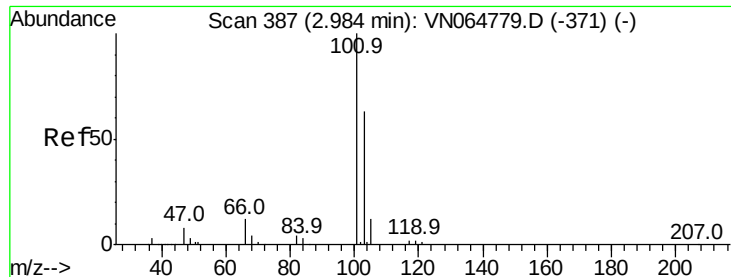
64 100

66 33.9 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



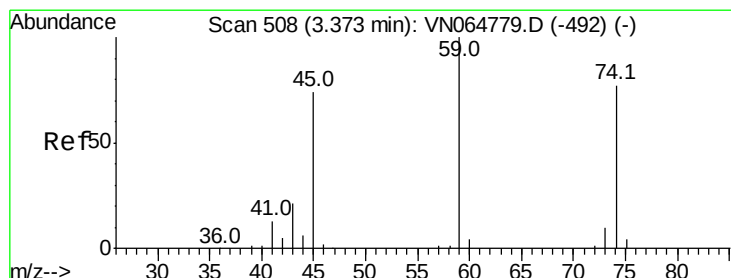
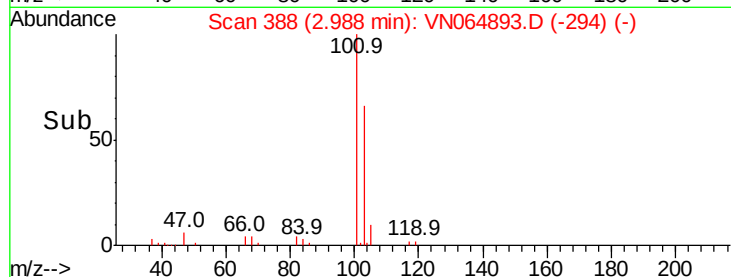
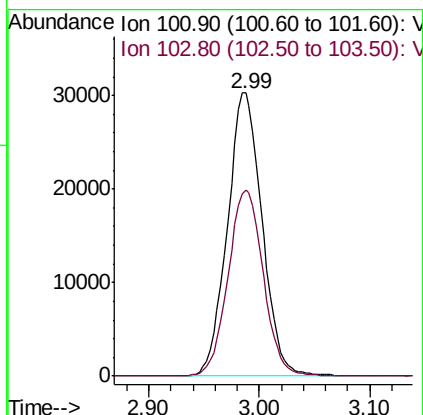
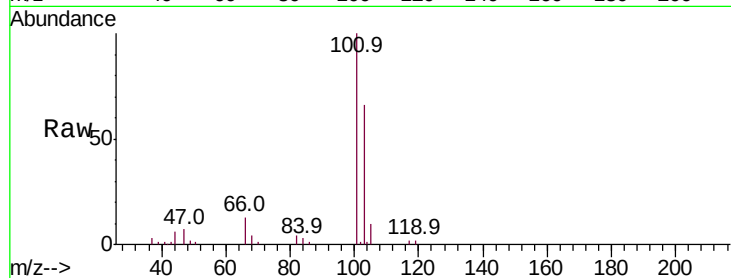


#7

Trichlorofluoromethane
 Concen: 18.958 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

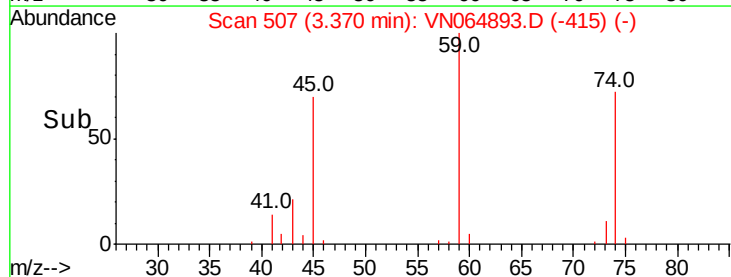
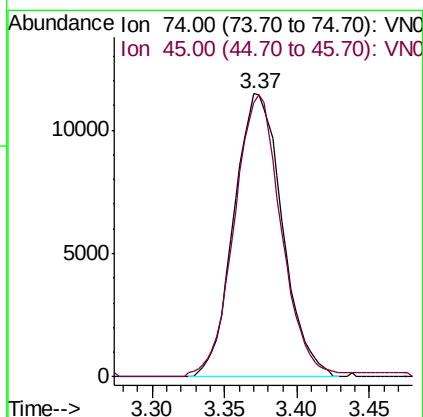
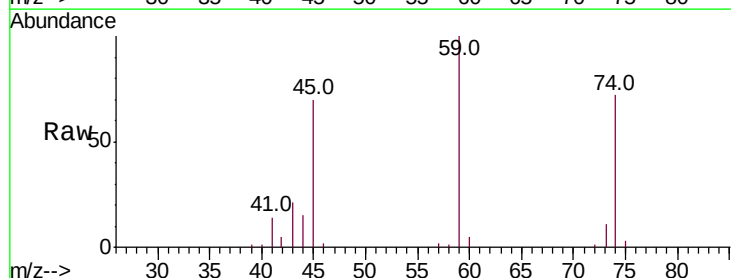
Tot Ion:101 Resp: 66071
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.5 75.7

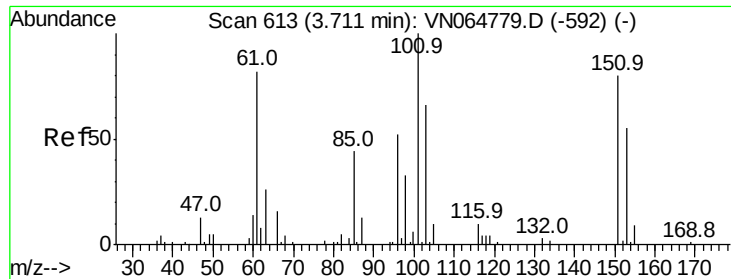


#8

Diethyl Ether
 Concen: 19.283 ug/l
 RT: 3.37 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Tgt Ion: 74 Resp: 26527
 Ion Ratio Lower Upper
 74 100
 45 97.2 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.660 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.01 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

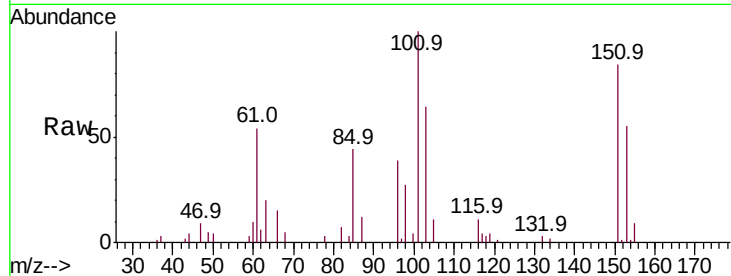
Tot Ion:101 Resp: 41102

Ion Ratio Lower Upper

101 100

85 41.6 34.4 51.6

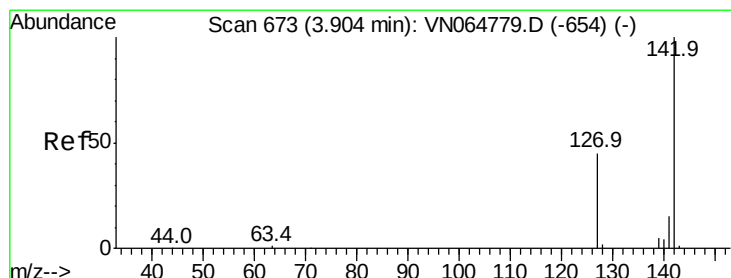
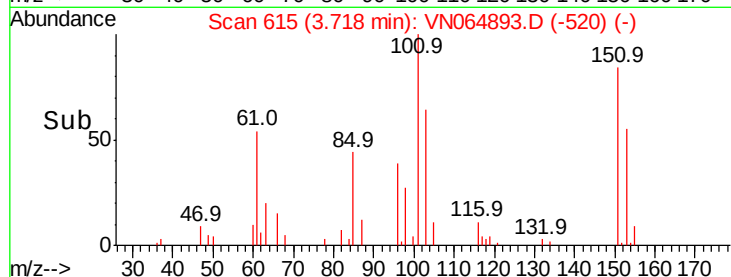
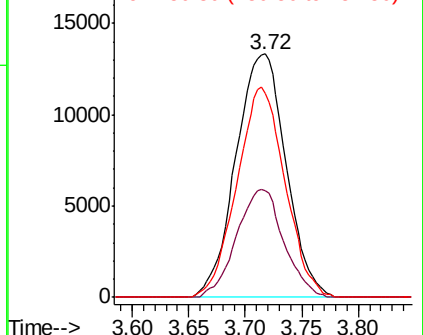
151 82.7 64.0 96.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.366 ug/l

RT: 3.91 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

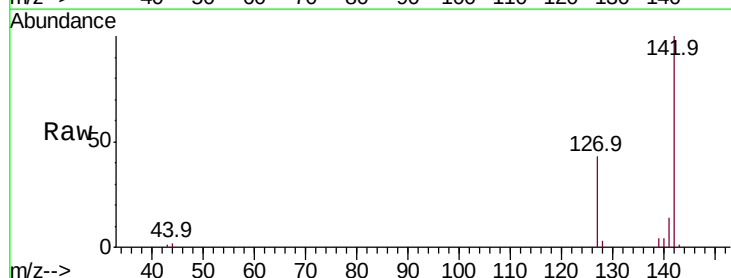
Tgt Ion:142 Resp: 47091

Ion Ratio Lower Upper

142 100

127 41.8 35.0 52.6

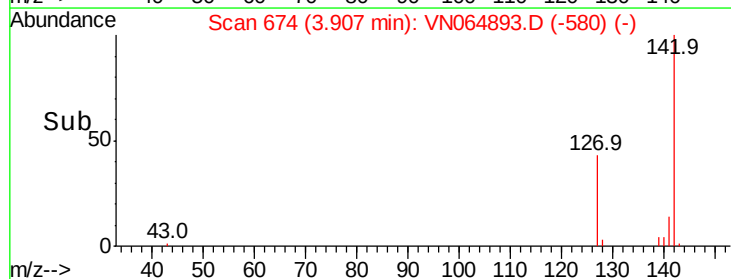
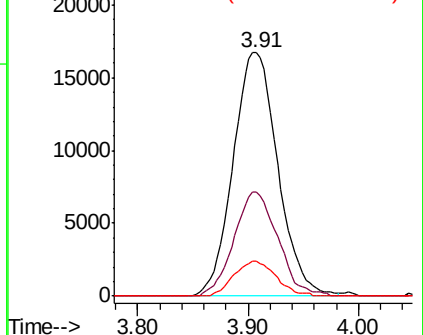
141 13.6 11.8 17.6

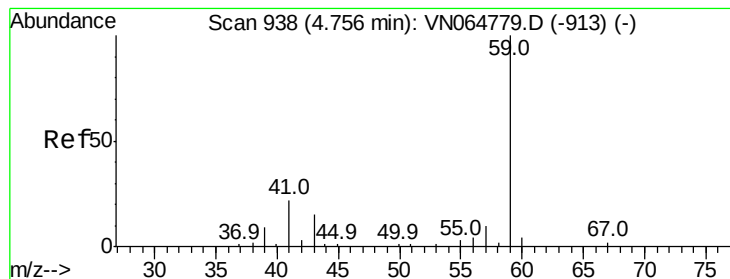


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 86.503 ug/l

RT: 4.74 min Scan# 934

Delta R.T. -0.01 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

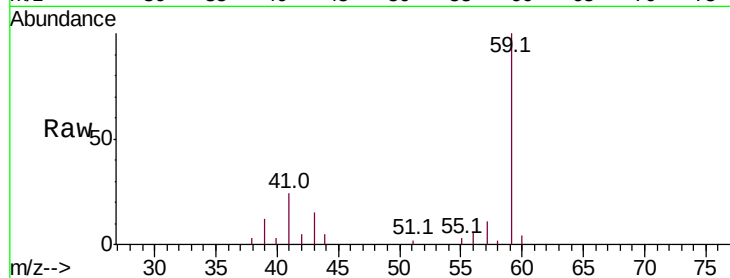
VN1203WBSD01

Tot Ion: 59 Resp: 33675

Ion Ratio Lower Upper

59 100

57 10.7 7.9 11.9



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.74

10000

8000

6000

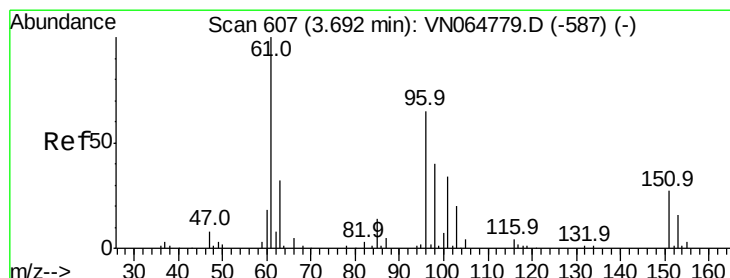
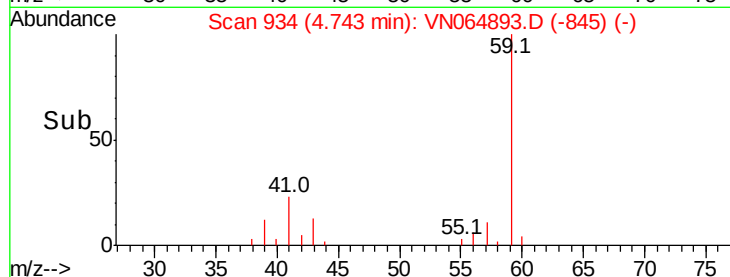
4000

2000

0

Time-->

4.70 4.80



#12

1,1-Dichloroethene

Concen: 18.965 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

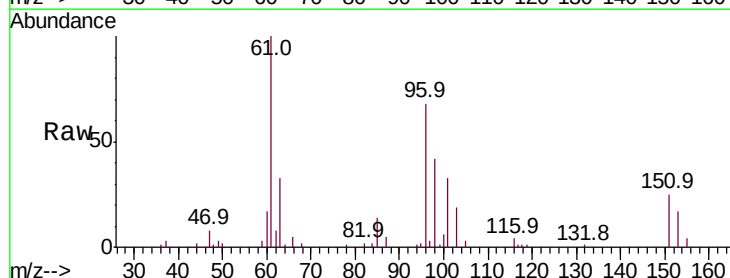
Tgt Ion: 96 Resp: 39487

Ion Ratio Lower Upper

96 100

61 147.5 123.4 185.2

98 61.2 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

30000

25000

20000

15000

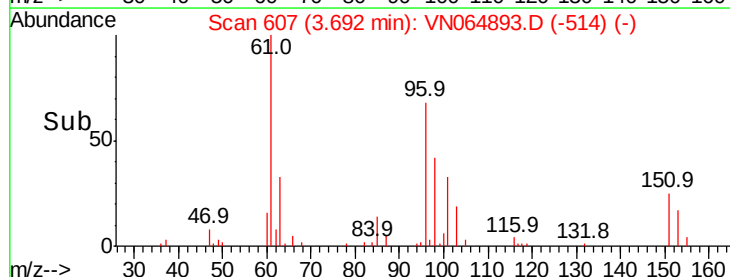
10000

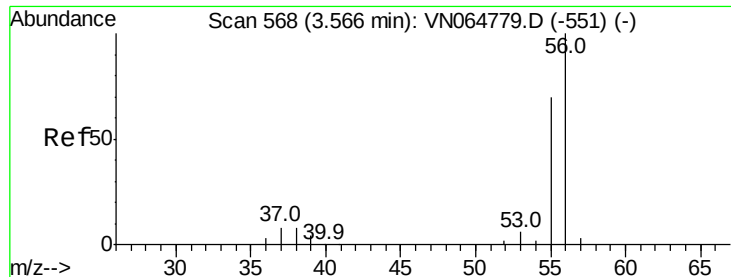
5000

0

Time-->

3.60 3.65 3.70 3.75 3.80





#13

Acrolein

Concen: 80.228 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

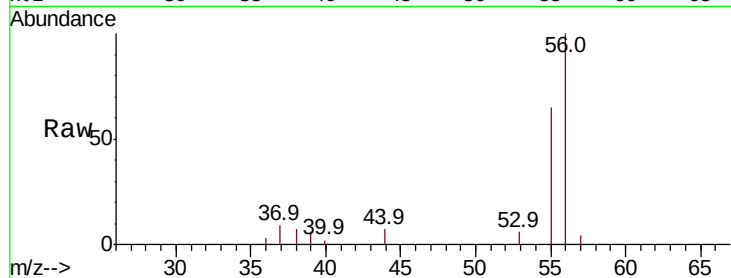
VN1203WBSD01

Tot Ion: 56 Resp: 19077

Ion Ratio Lower Upper

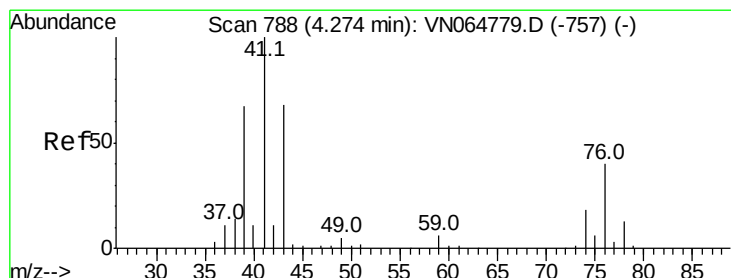
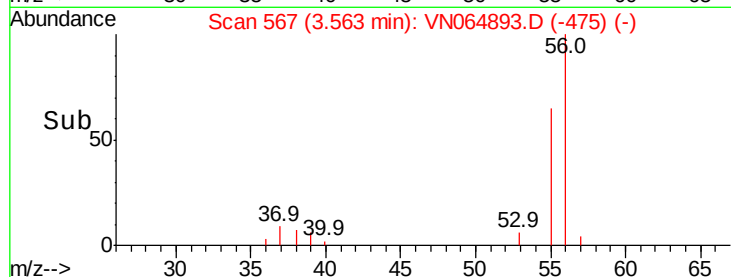
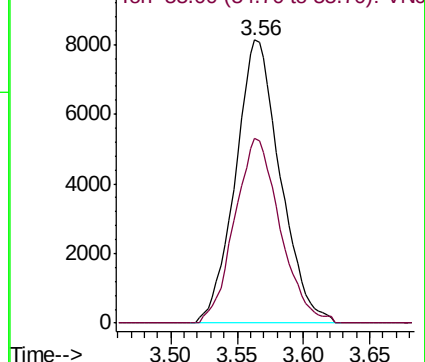
56 100

55 66.3 56.5 84.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.390 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

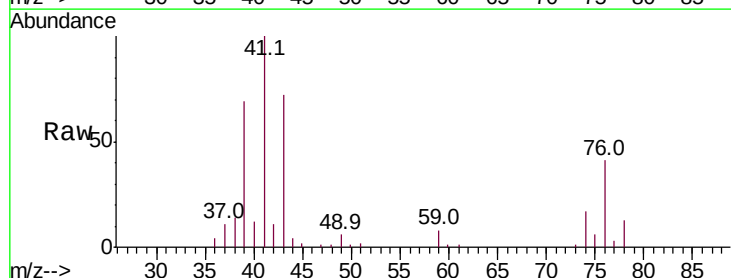
Tgt Ion: 41 Resp: 63153

Ion Ratio Lower Upper

41 100

39 60.9 50.9 76.3

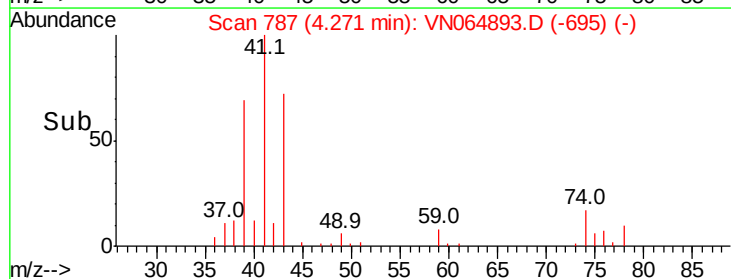
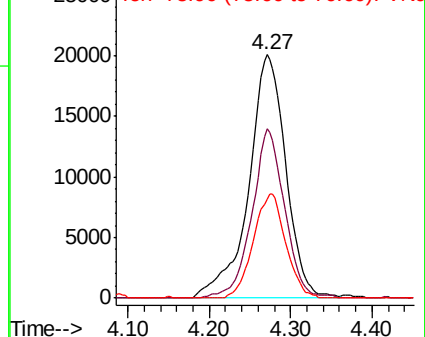
76 37.1 29.0 43.4

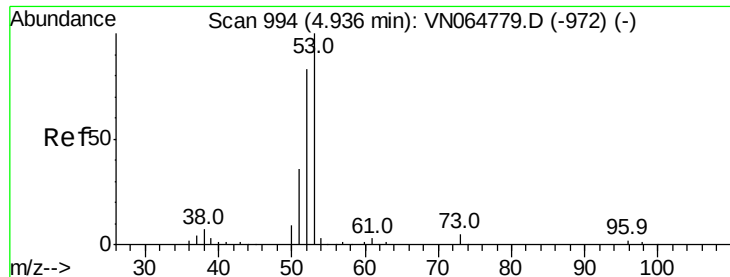


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 95.546 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

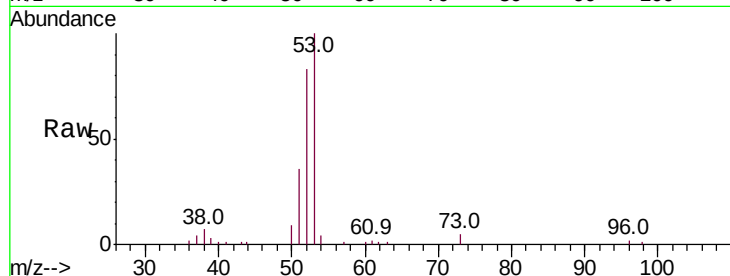
MSVOA_N

ClientSampleId :

VN1203WBSD01

Tot Ion: 53 Resp: 102753

Ion	Ratio	Lower	Upper
53	100		
52	80.7	65.5	98.3
51	35.1	28.6	43.0

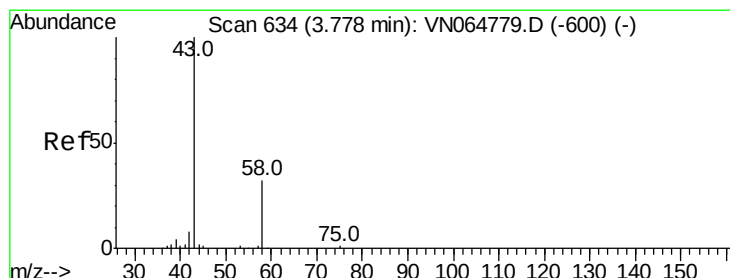
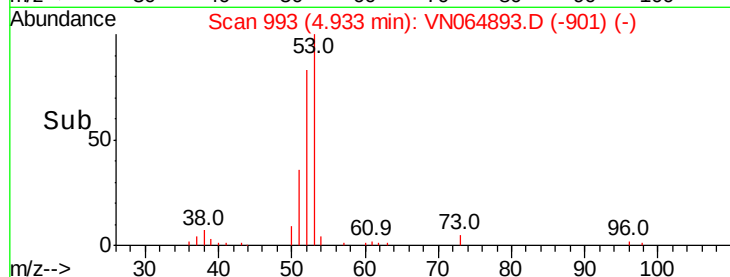
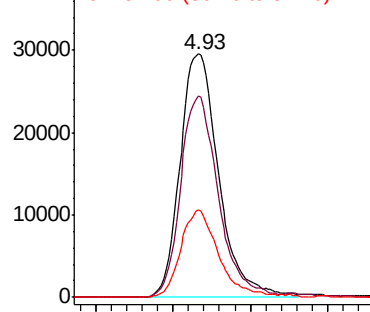


Abundance

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: 87.684 ug/l

RT: 3.78 min Scan# 633

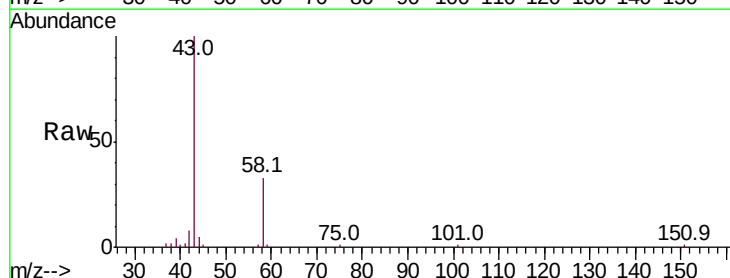
Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Tgt Ion: 43 Resp: 71951

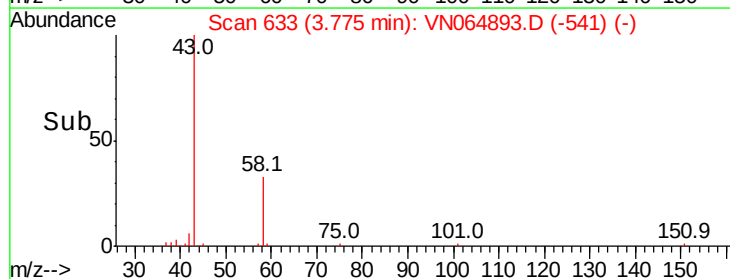
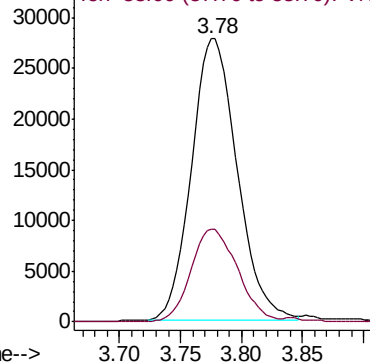
Ion	Ratio	Lower	Upper
43	100		
58	33.1	25.7	38.5

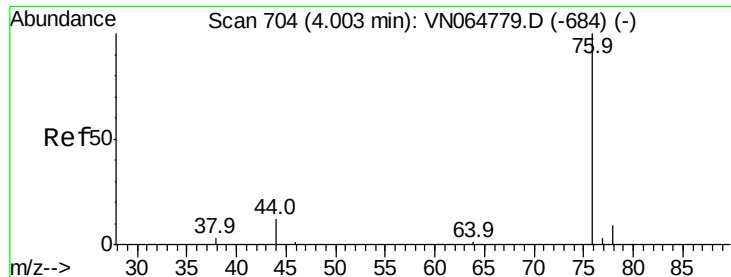


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 17.666 ug/l

RT: 4.01 min Scan# 705

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

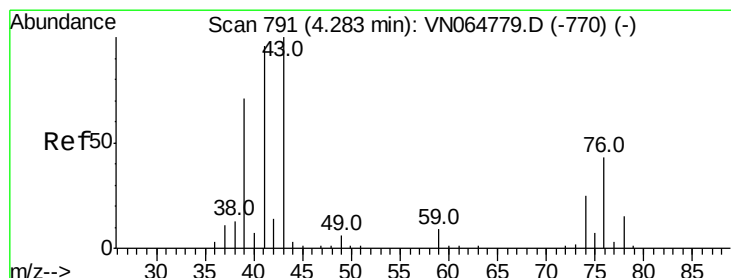
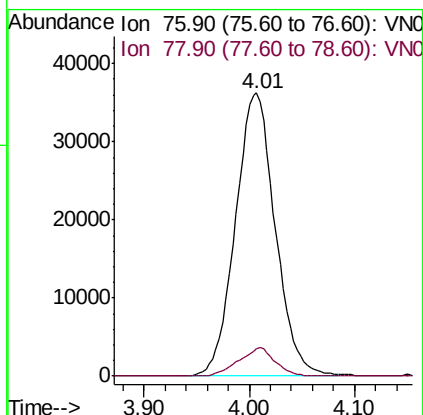
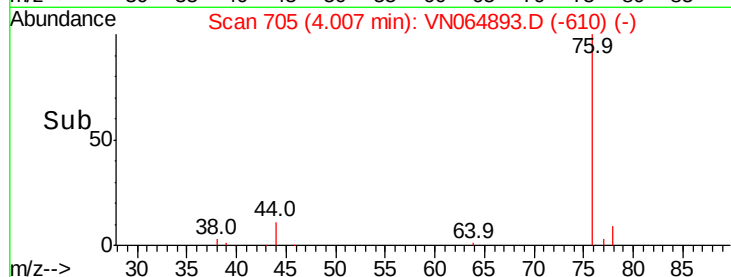
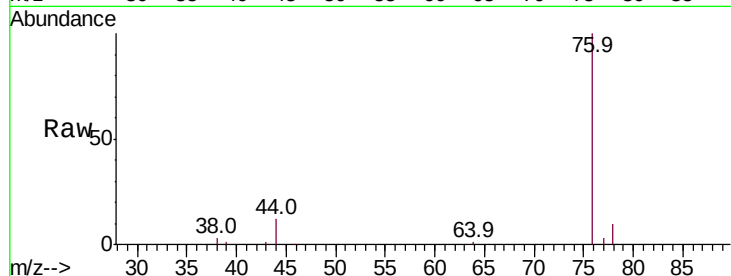
VN1203WBSD01

Tot Ion: 76 Resp: 94953

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



#18

Methyl Acetate

Concen: 19.432 ug/l

RT: 4.28 min Scan# 790

Delta R.T. -0.00 min

Lab File: VN064893.D

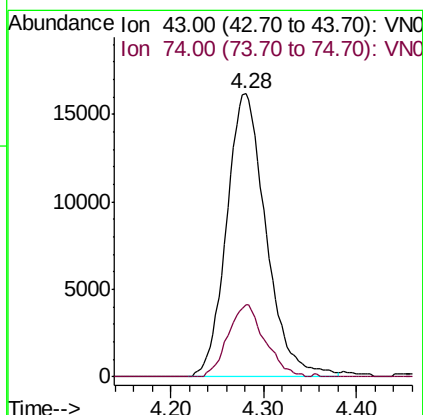
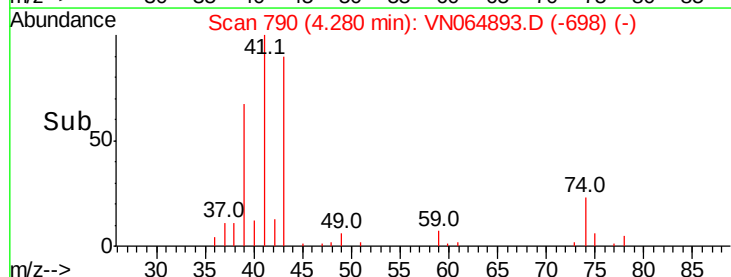
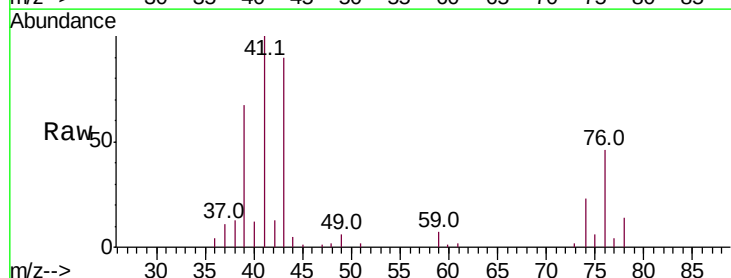
Acq: 3 Dec 2020 12:42

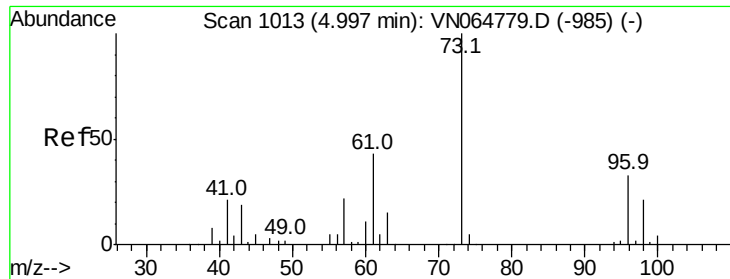
Tgt Ion: 43 Resp: 47942

Ion Ratio Lower Upper

43 100

74 23.7 20.2 30.2

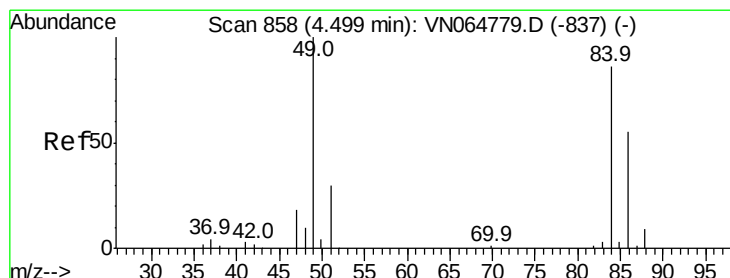
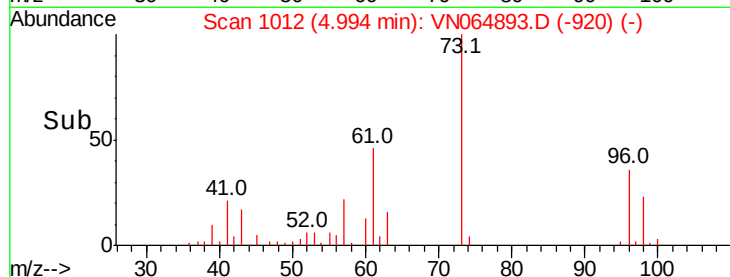
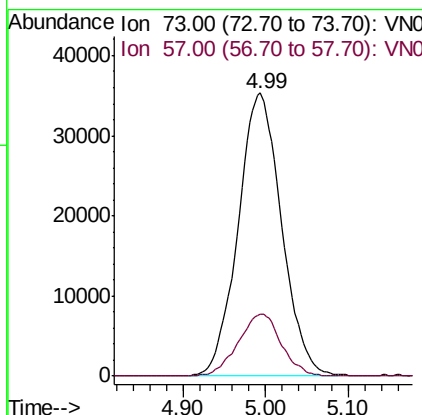
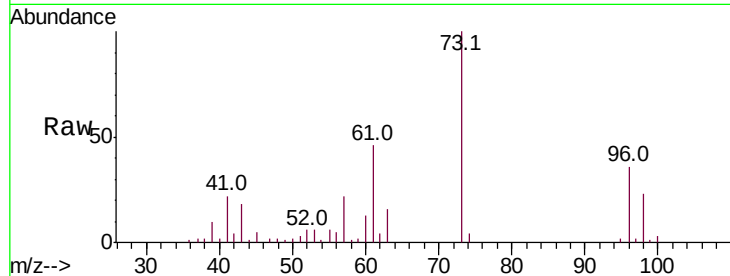




#19
Methvl tert-butyl Ether
Concen: 19.248 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

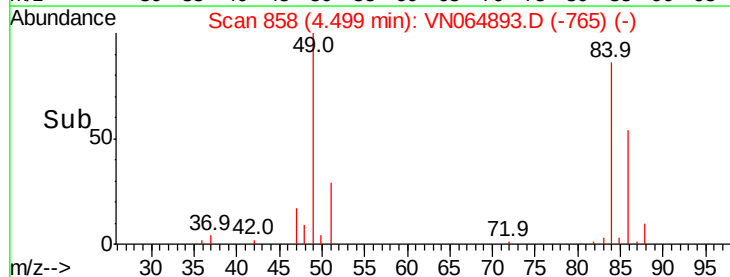
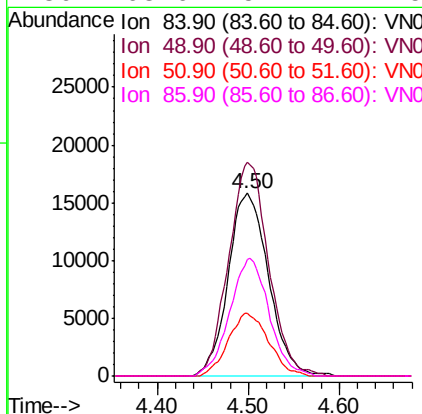
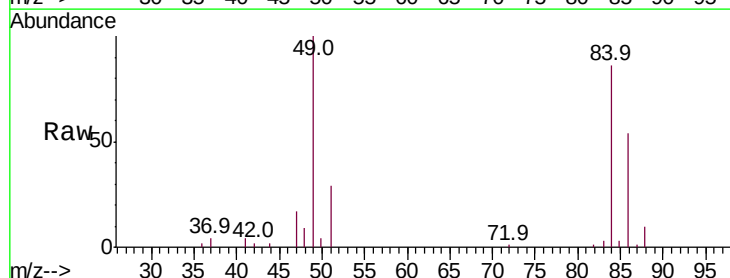
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

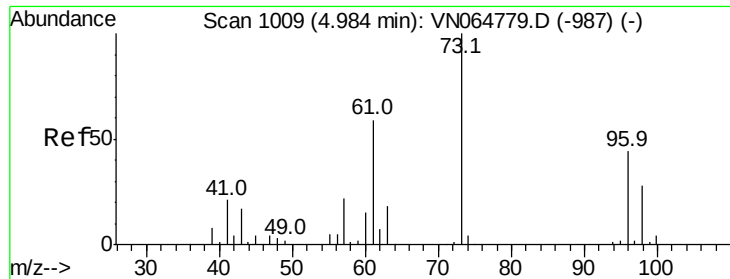
Tot Ion: 73 Resp: 128536
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.0



#20
Methylene Chloride
Concen: 19.008 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion: 84 Resp: 48875
Ion Ratio Lower Upper
84 100
49 116.9 93.4 140.0
51 34.1 28.2 42.4
86 63.6 51.7 77.5

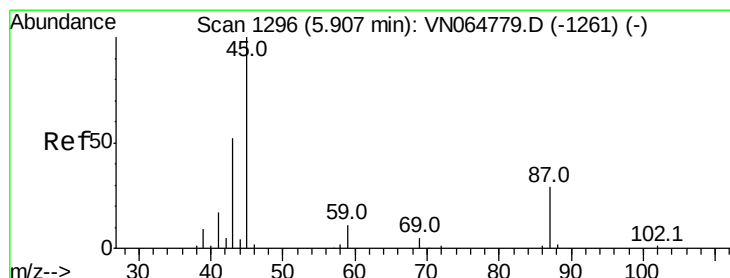
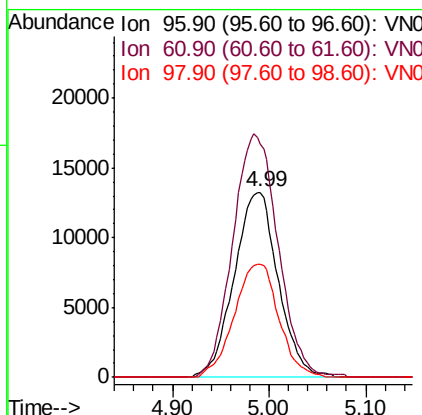
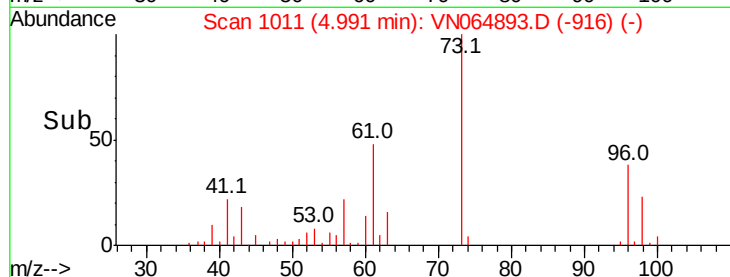
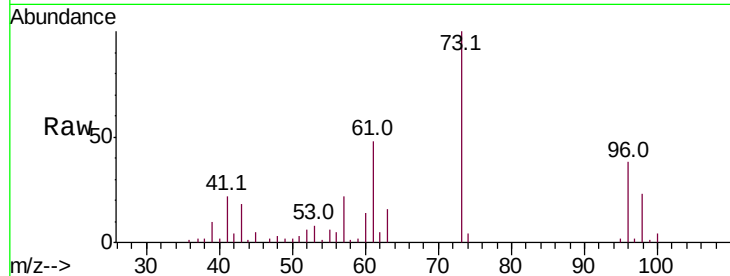




#21
trans-1,2-Dichloroethene
Concen: 18.120 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

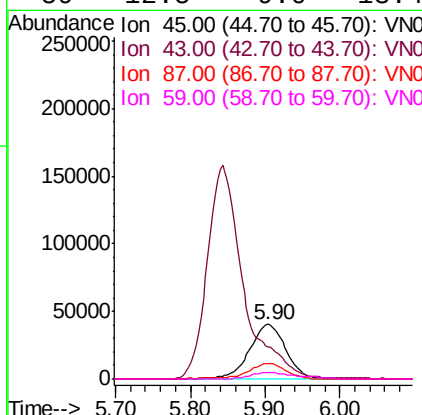
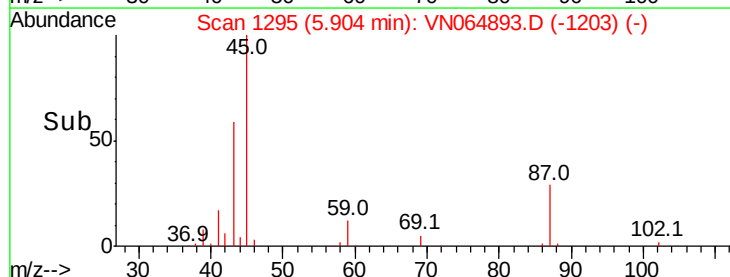
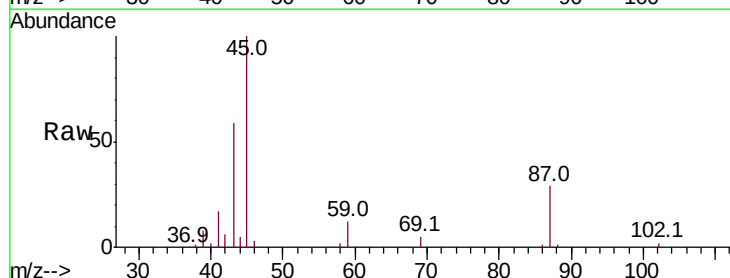
Instrument :
MSVOA_N
ClientSampled :
VN1203WBSD01

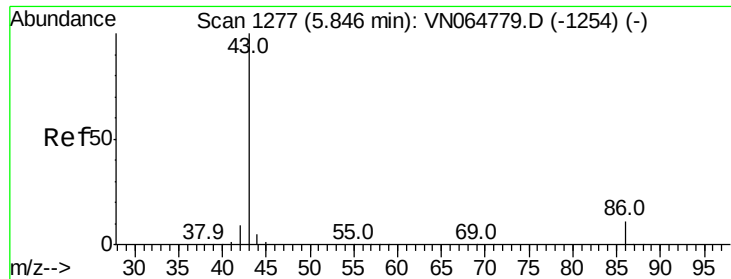
Tot Ion: 96 Resp: 41897
Ion Ratio Lower Upper
96 100
61 126.6 108.4 162.6
98 61.2 51.3 76.9



#22
Diisopropyl ether
Concen: 19.965 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion: 45 Resp: 137233
Ion Ratio Lower Upper
45 100
43 57.5 46.2 69.2
87 29.3 24.1 36.1
59 12.5 9.0 13.4





#23

Vinyl Acetate

Concen: 96.813 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

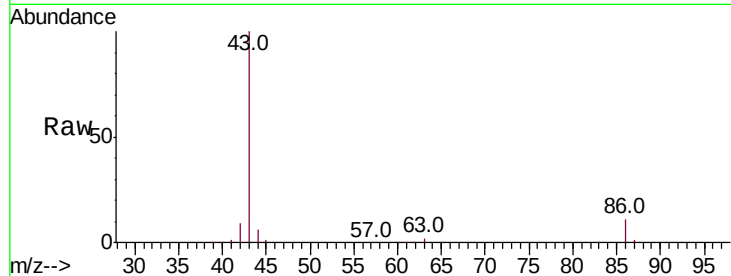
VN1203WBSD01

Tot Ion: 43 Resp: 532146

Ion Ratio Lower Upper

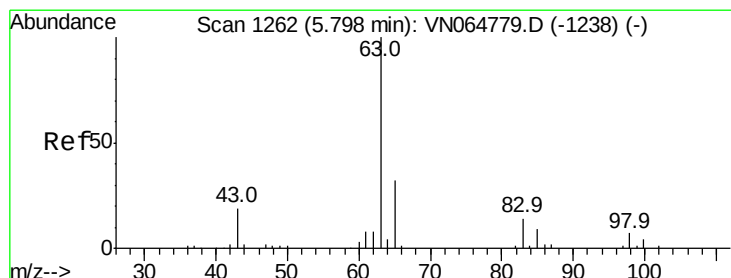
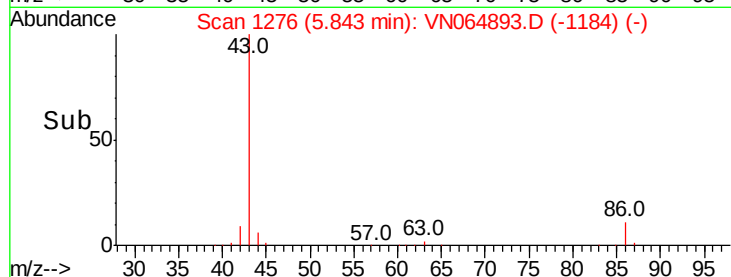
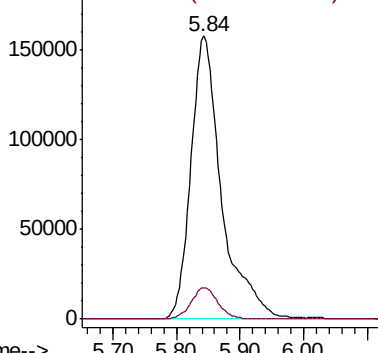
43 100

86 11.1 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 19.874 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

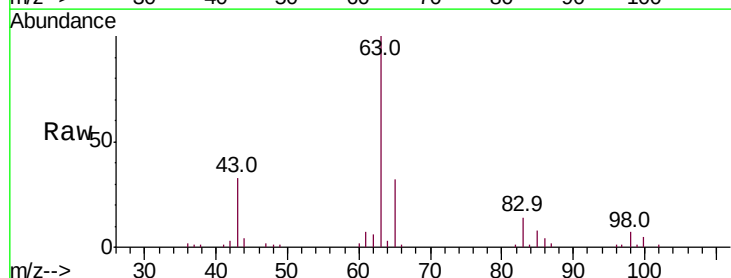
Tgt Ion: 63 Resp: 81642

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.5

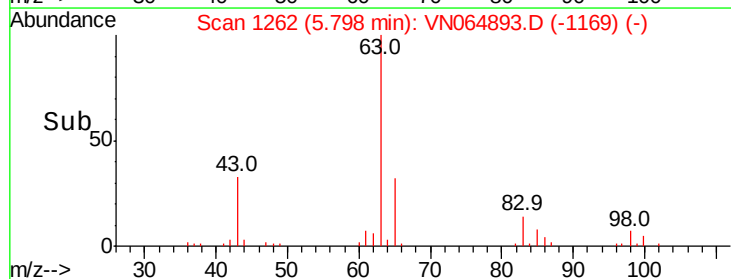
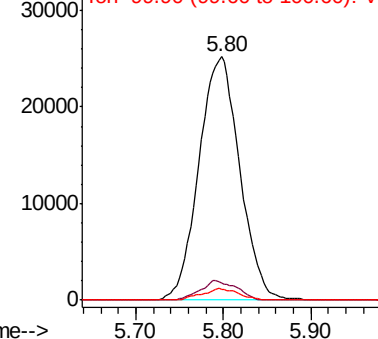
100 4.6 2.3 6.8

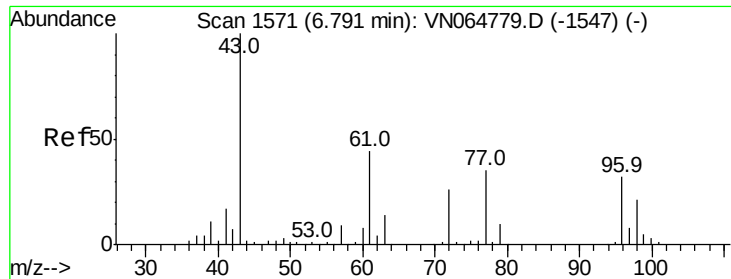


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 94.858 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.01 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

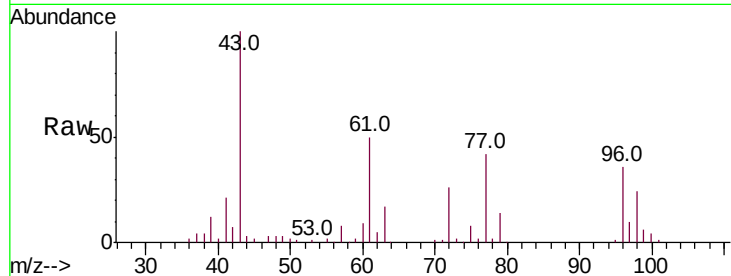
VN1203WBSD01

Tot Ion: 43 Resp: 126180

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.78

50000

40000

30000

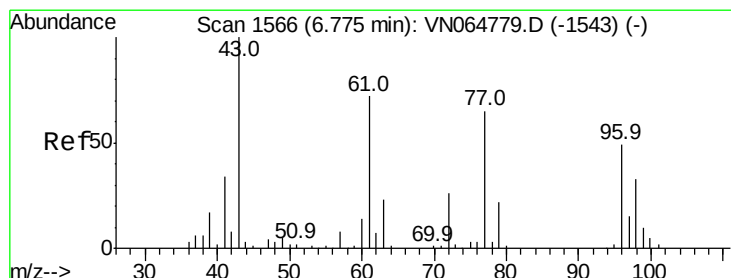
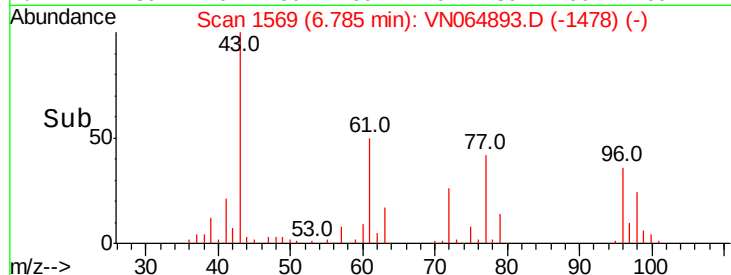
20000

10000

0

Time-->

6.70 6.75 6.80 6.85



#26

2,2-Dichloropropane

Concen: 19.283 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064893.D

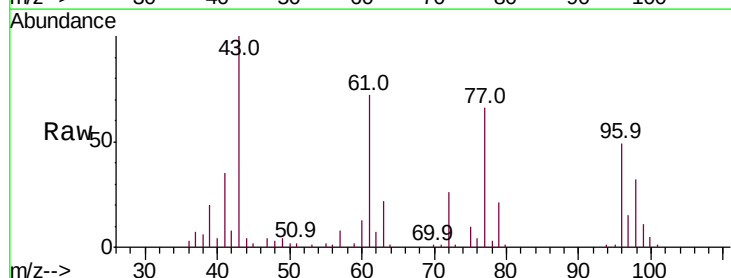
Acq: 3 Dec 2020 12:42

Tgt Ion: 77 Resp: 68703

Ion Ratio Lower Upper

77 100

97 22.9 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

25000

20000

15000

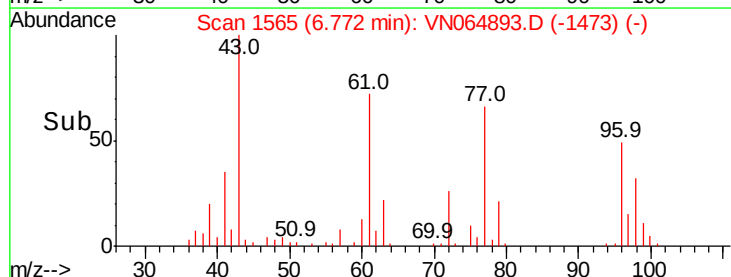
10000

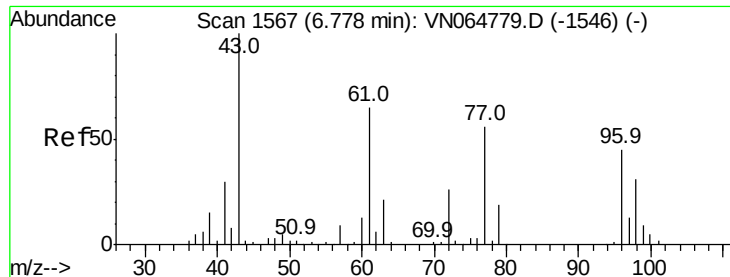
5000

0

Time-->

6.70 6.80 6.90





#27

cis-1,2-Dichloroethene

Concen: 19.000 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

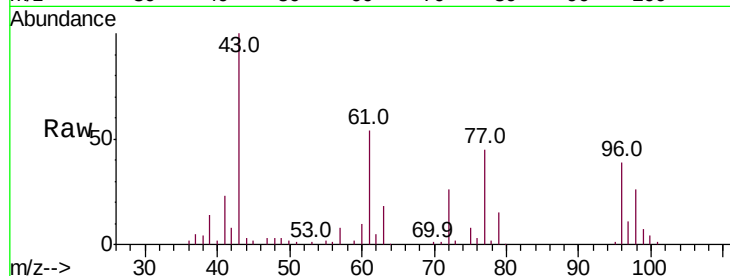
Tot Ion: 96 Resp: 49433

Ion Ratio Lower Upper

96 100

61 142.7 0.0 285.8

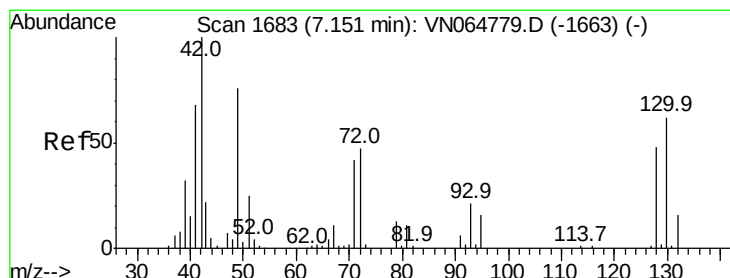
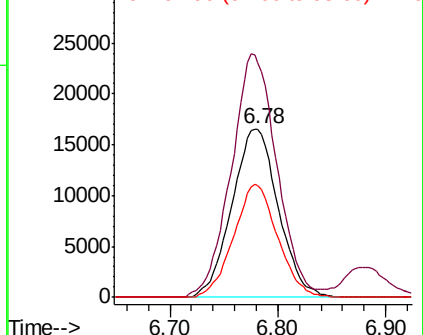
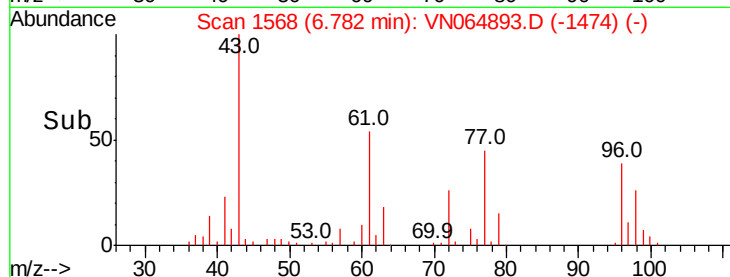
98 63.7 0.0 130.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.054 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

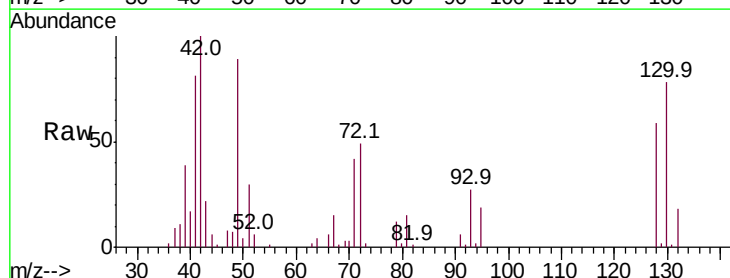
Tgt Ion: 49 Resp: 37687

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.8

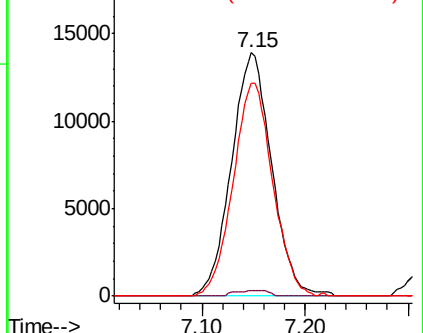
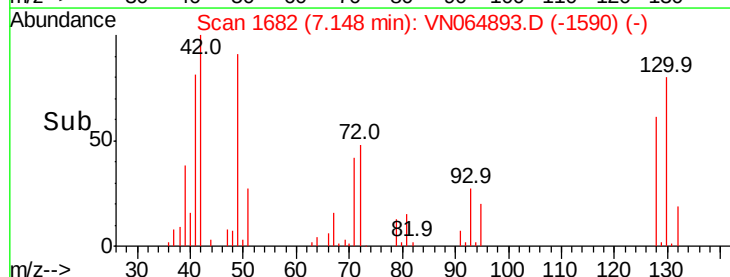
130 86.0 66.2 99.2

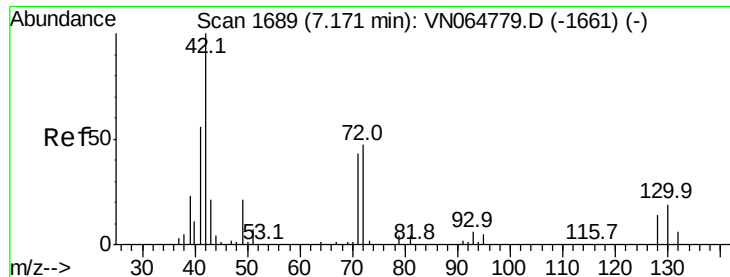


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 90.806 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

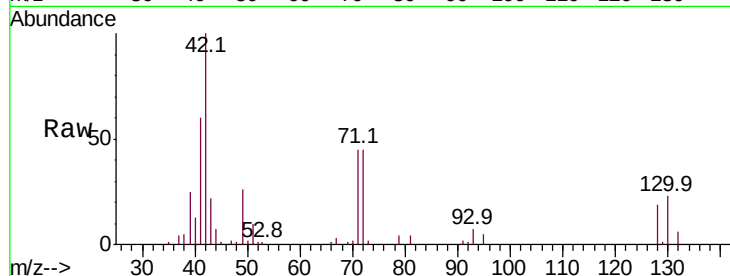
Tot Ion: 42 Resp: 83380

Ion Ratio Lower Upper

42 100

72 46.5 36.6 54.8

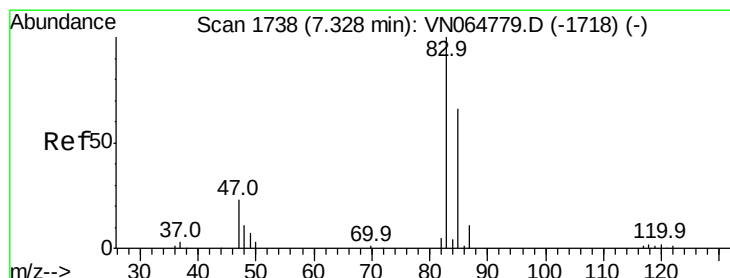
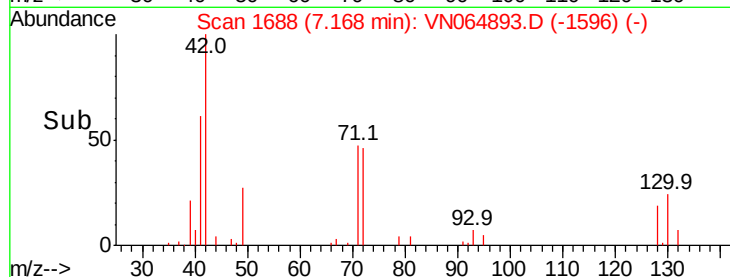
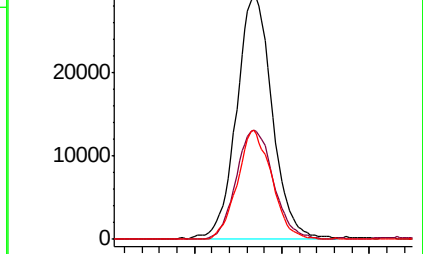
71 42.9 33.6 50.4



Abundance Ion 42.00 (41.70 to 42.70): VN064779.D (-1661) (-)

Ion 72.00 (71.70 to 72.70): VN064779.D (-1661) (-)

Ion 71.00 (70.70 to 71.70): VN064779.D (-1661) (-)



#30

Chloroform

Concen: 19.832 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064893.D

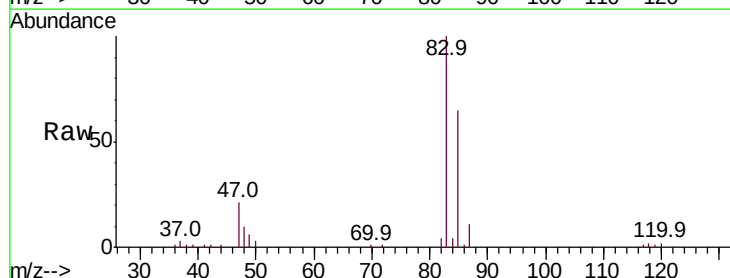
Acq: 3 Dec 2020 12:42

Tgt Ion: 83 Resp: 84013

Ion Ratio Lower Upper

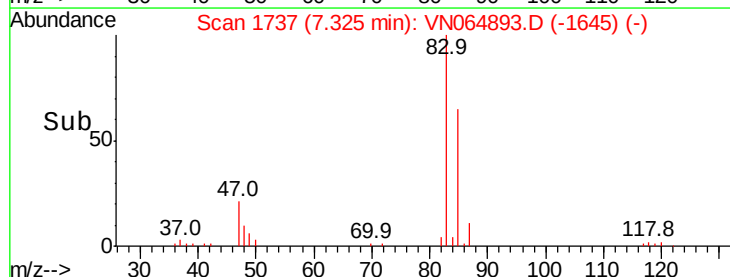
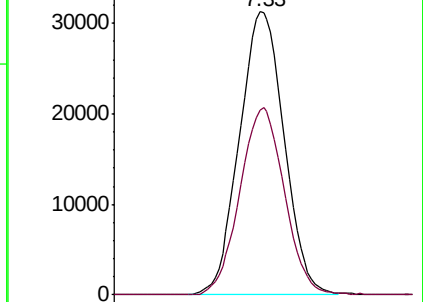
83 100

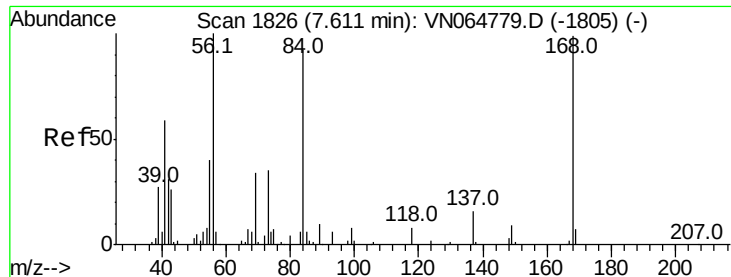
85 65.2 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN064779.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064779.D (-1718) (-)

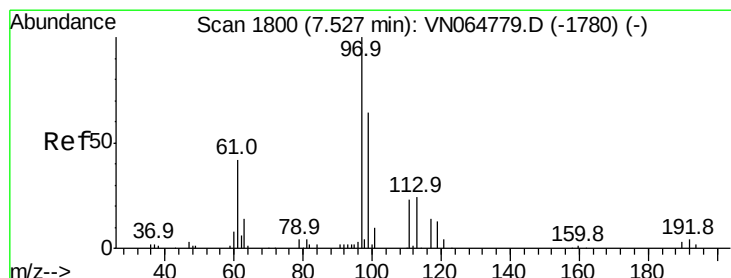
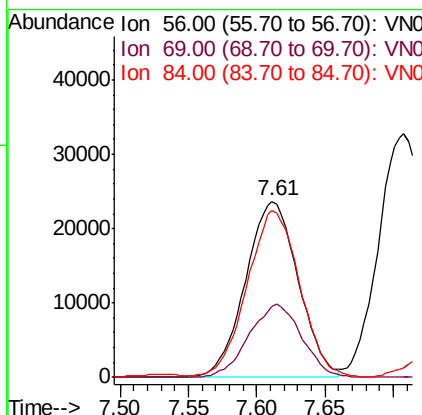
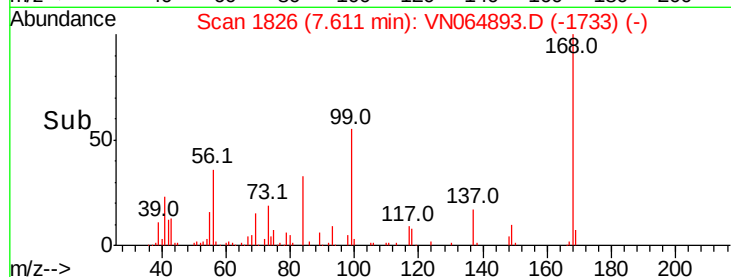
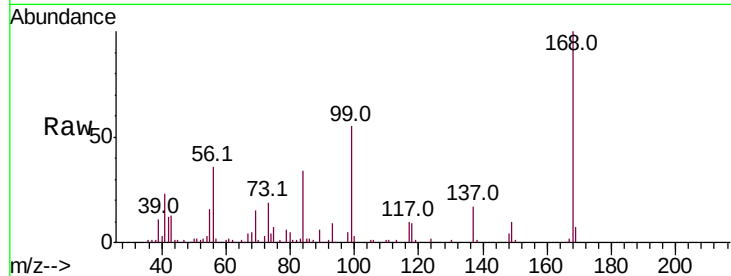




#31
Cyclohexane
Concen: 18.251 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

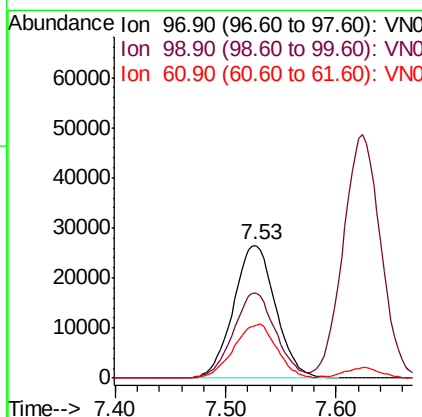
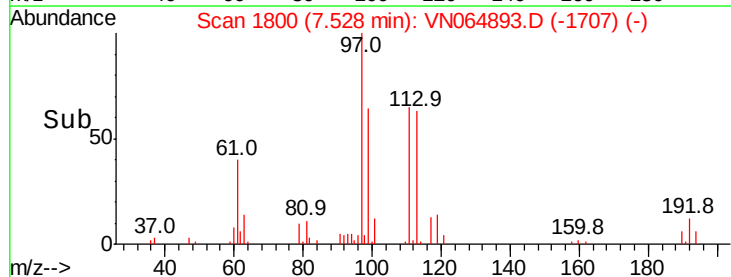
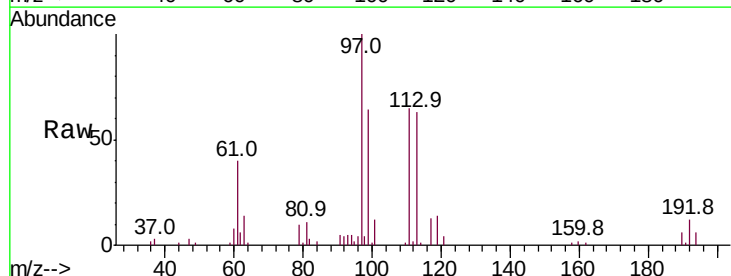
Instrument :
MSVOA_N
ClientSampled :
VN1203WBSD01

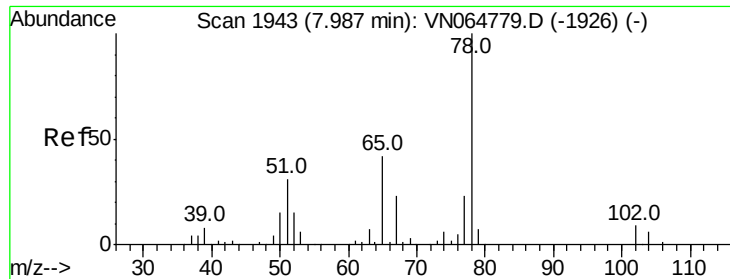
Tot Ion: 56 Resp: 63497
Ion Ratio Lower Upper
56 100
69 40.5 27.5 41.3
84 93.7 73.9 110.9



#32
1,1,1-Trichloroethane
Concen: 19.331 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion: 97 Resp: 70334
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 41.7 33.9 50.9

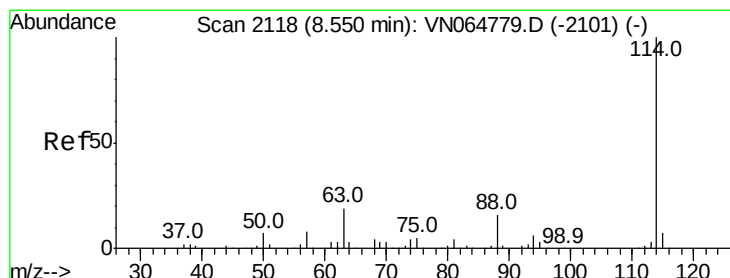
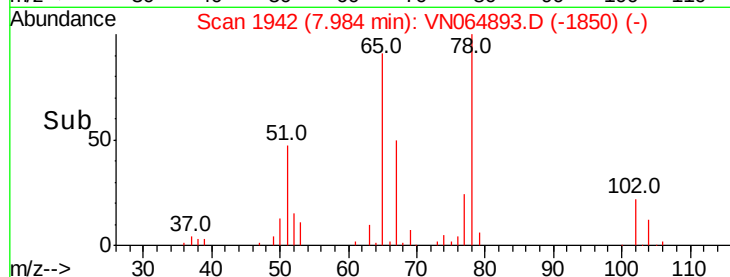
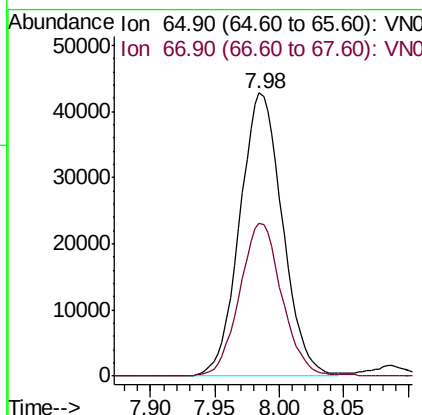
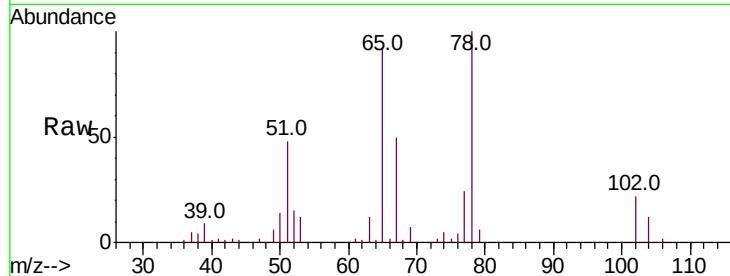




#33
 1,2-Dichloroethane-d4
 Concen: 39.566 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

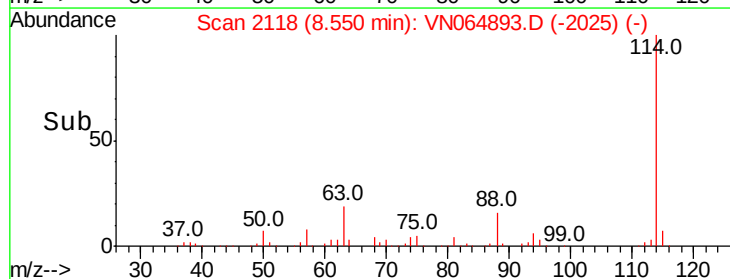
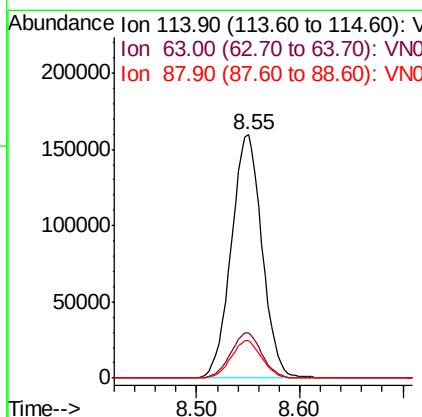
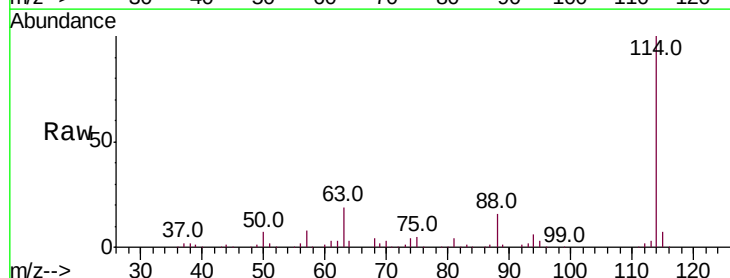
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

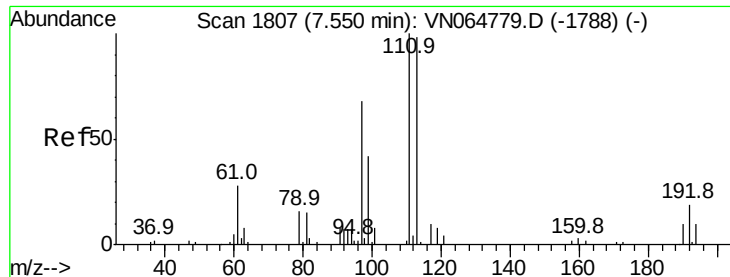
Tot Ion: 65 Resp: 98766
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Tgt Ion: 114 Resp: 331682
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.6
 88 15.6 0.0 32.6

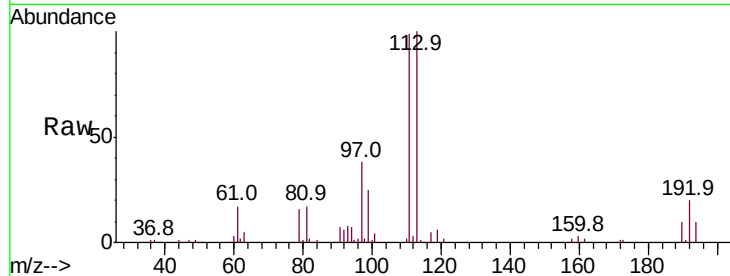




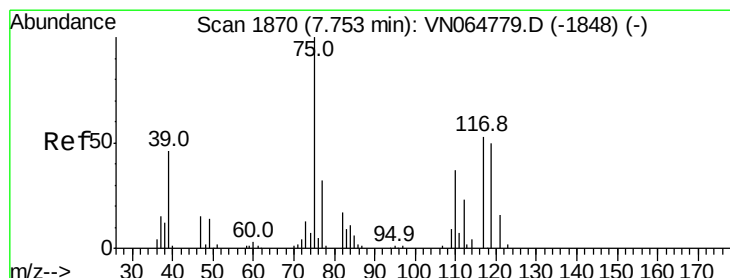
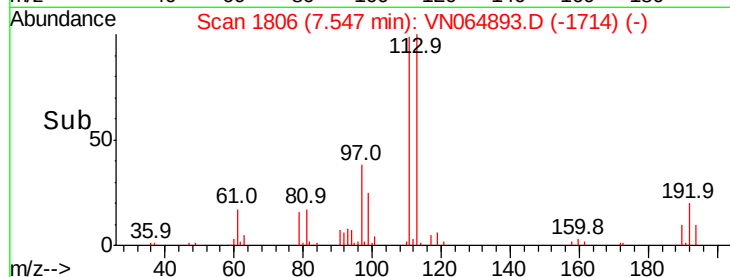
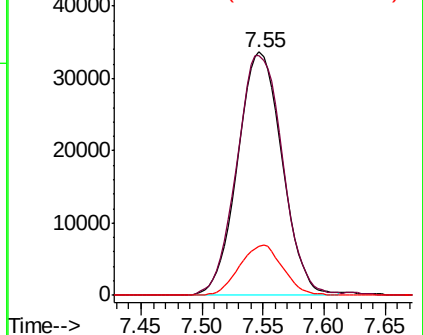
#35
 Dibromofluoromethane
 Concen: 42.950 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Tot Ion:113 Resp: 85241
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.6 122.4
 192 20.0 16.2 24.2

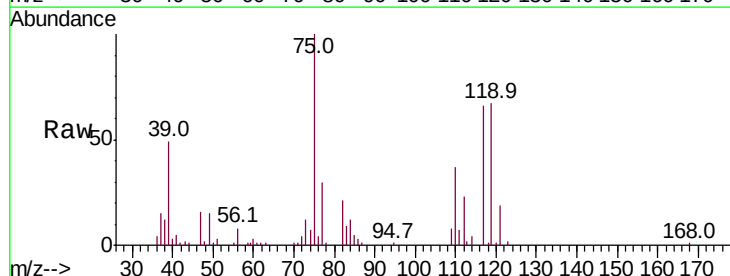


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

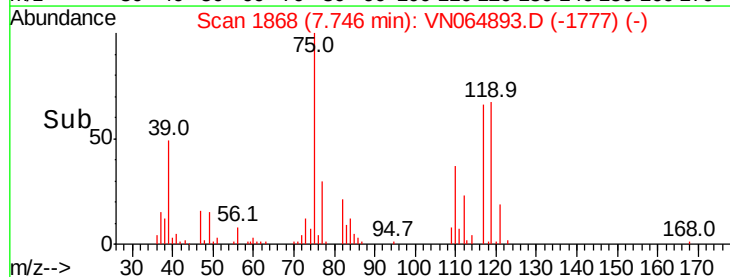
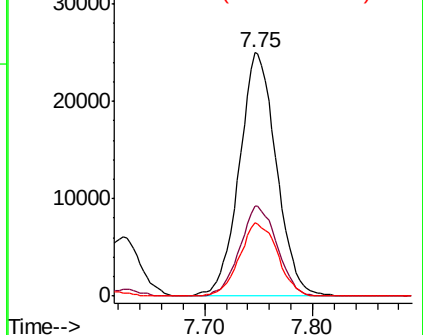


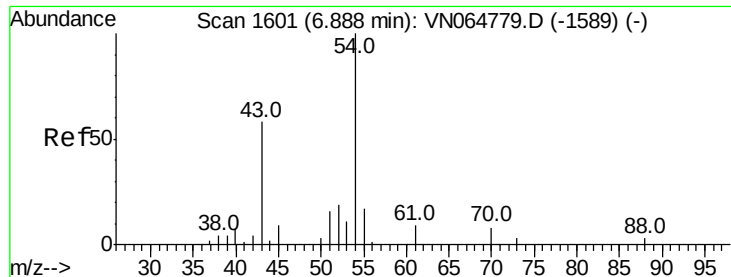
#36
 1,1-Dichloropropene
 Concen: 19.420 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Tgt Ion: 75 Resp: 59703
 Ion Ratio Lower Upper
 75 100
 110 37.0 17.8 53.3
 77 30.7 25.0 37.4



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

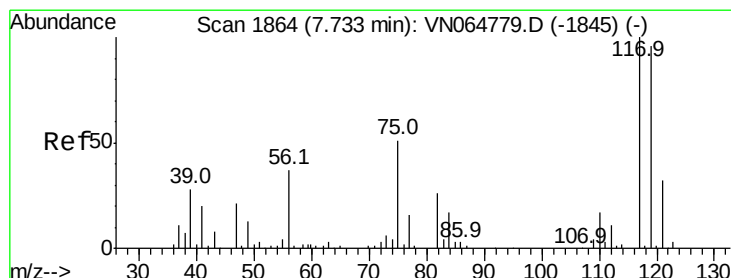
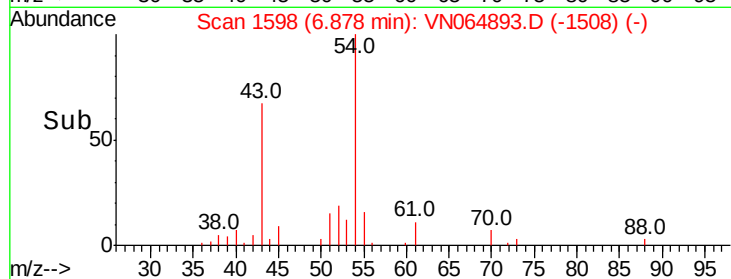
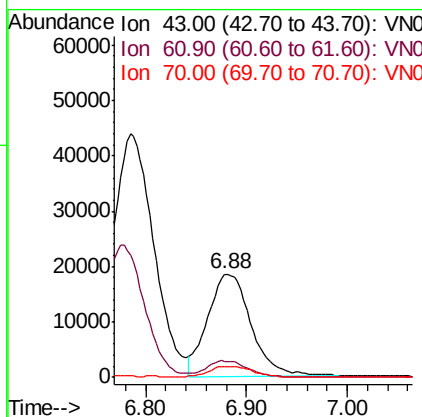
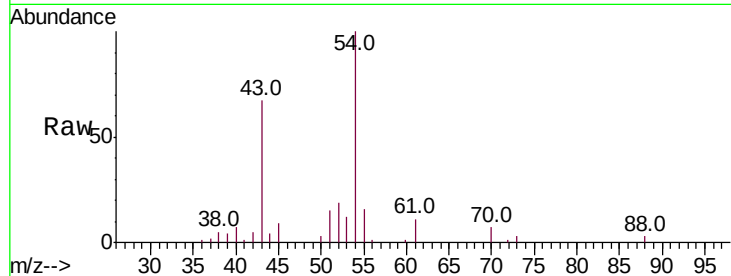




#37
Ethyl Acetate
Concen: 18.592 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.01 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

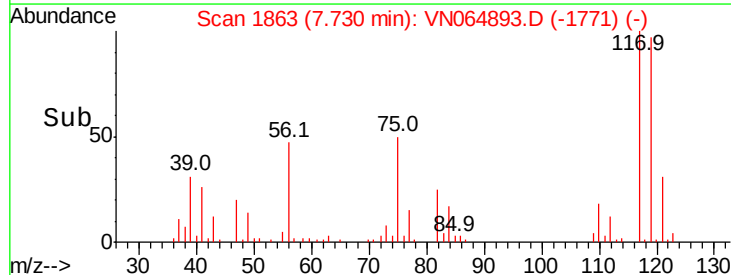
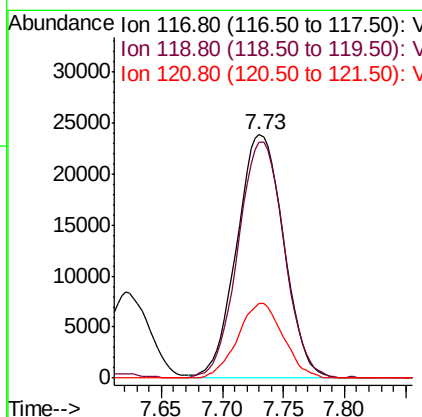
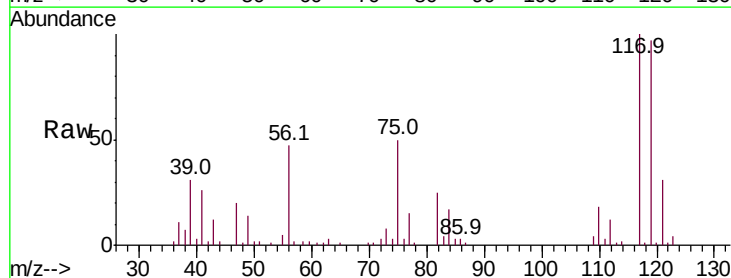
Instrument :
MSVOA_N
ClientSampleID :
VN1203WBSD01

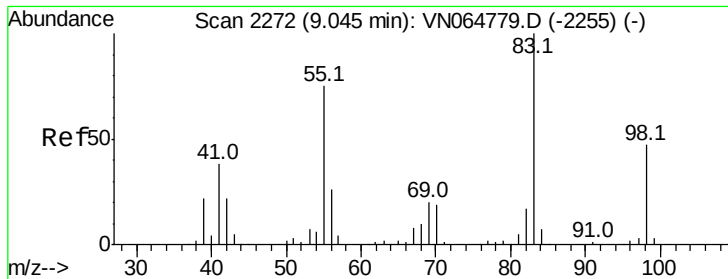
Tot Ion: 43 Resp: 55060
Ion Ratio Lower Upper
43 100
61 15.4 12.8 19.2
70 4.3 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 19.855 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion: 117 Resp: 63512
Ion Ratio Lower Upper
117 100
119 96.9 76.7 115.1
121 30.5 25.4 38.2

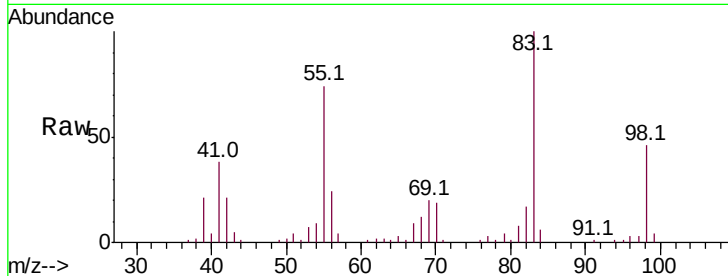




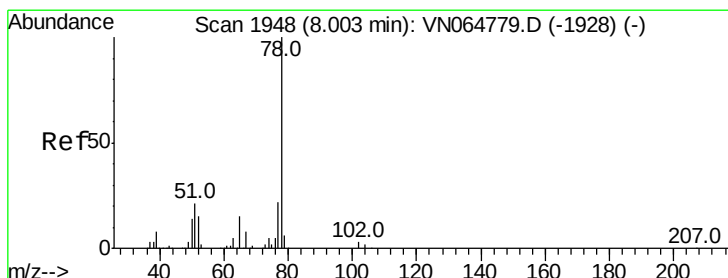
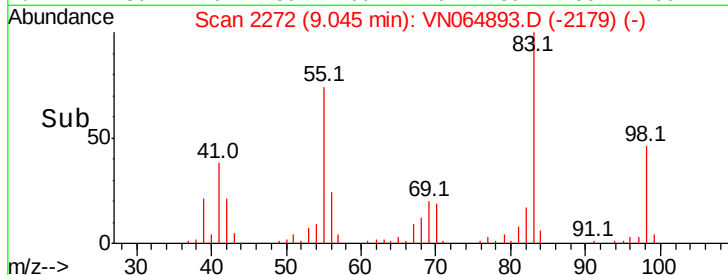
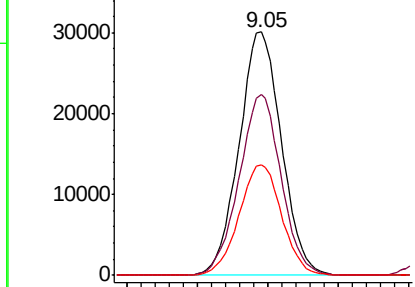
#39
Methylvlcyclohexane
Concen: 19.131 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion: 83 Resp: 63315
Ion Ratio Lower Upper
83 100
55 74.5 60.2 90.2
98 45.6 37.4 56.2

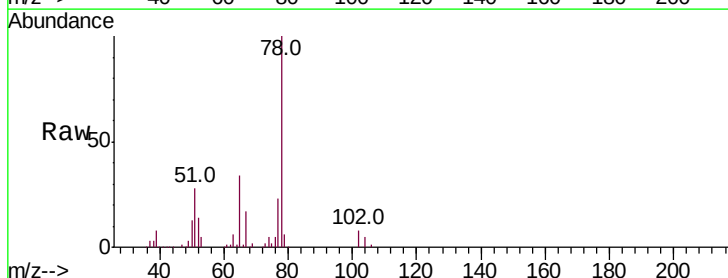


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

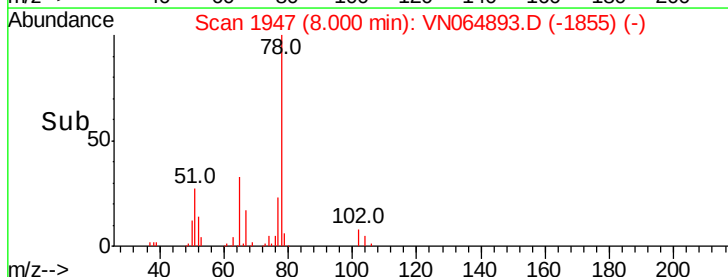
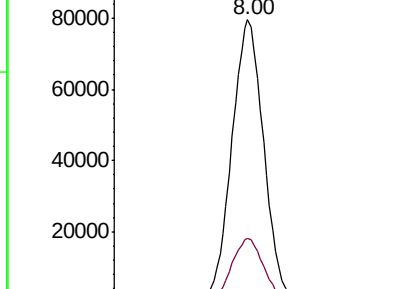


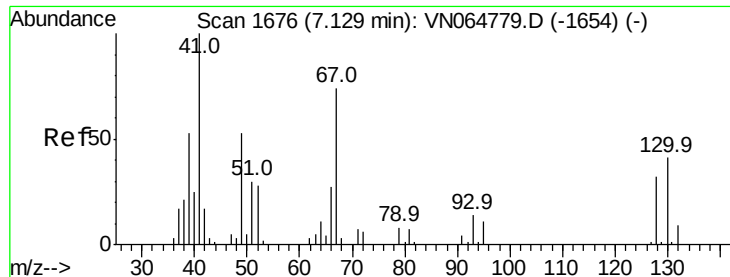
#40
Benzene
Concen: 19.575 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion: 78 Resp: 184416
Ion Ratio Lower Upper
78 100
77 22.9 17.9 26.9



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

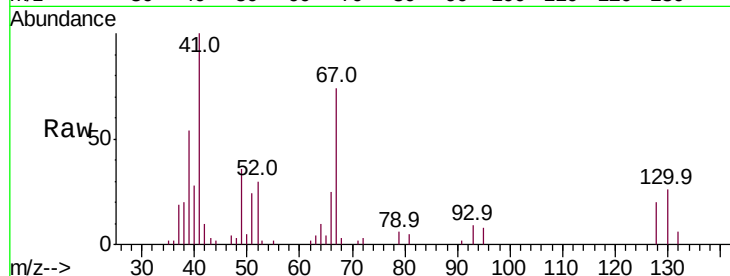




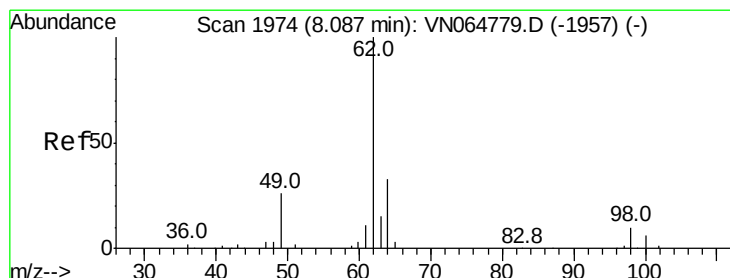
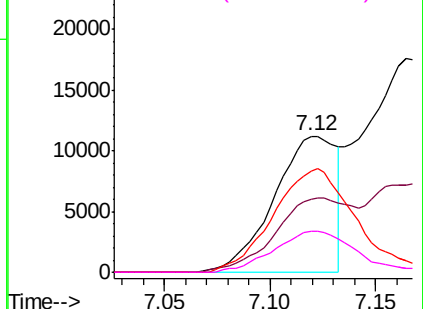
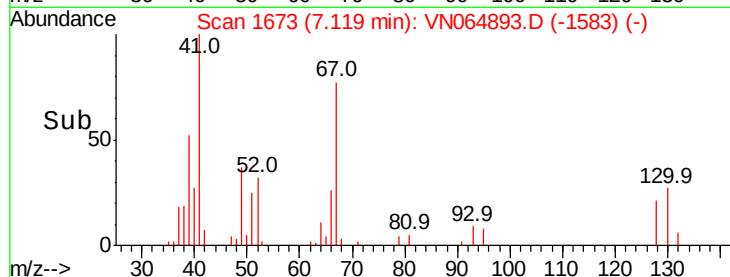
#41
Methacrylonitrile
Concen: 16.862 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

Tot Ion: 41 Resp: 23041
Ion Ratio Lower Upper
41 100
39 67.5 51.0 76.6
67 99.9 79.8 119.8
52 40.0 31.5 47.3

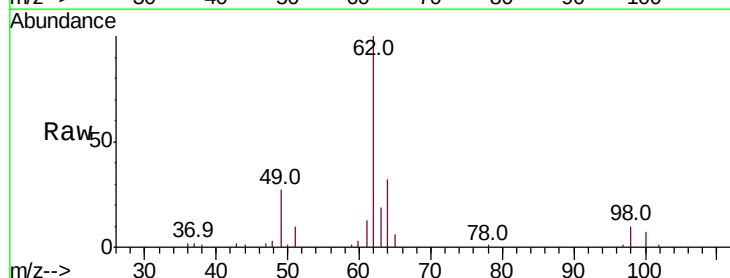


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

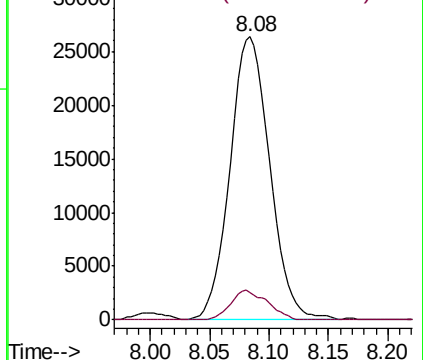
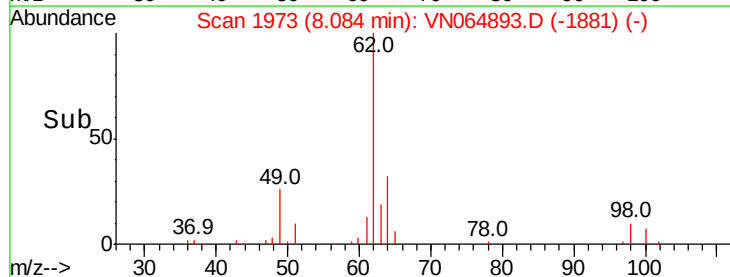


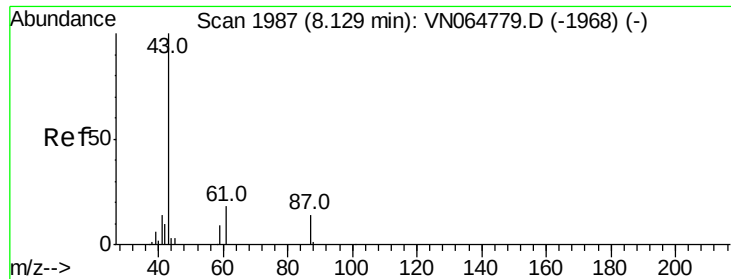
#42
1,2-Dichloroethane
Concen: 19.283 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion: 62 Resp: 61282
Ion Ratio Lower Upper
62 100
98 9.7 0.0 19.6



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





#43

Isopropyl Acetate

Concen: 18.478 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

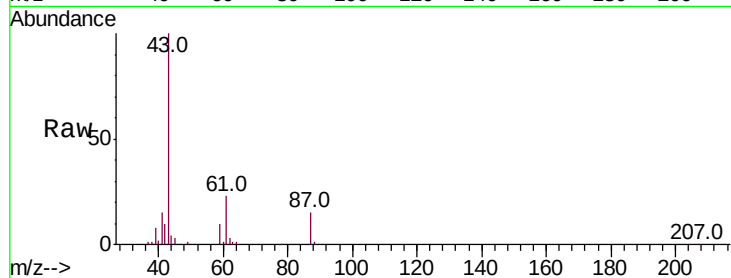
Tot Ion: 43 Resp: 88054

Ion Ratio Lower Upper

43 100

61 22.3 17.2 25.8

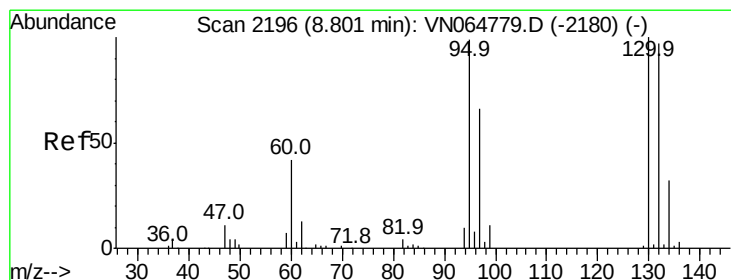
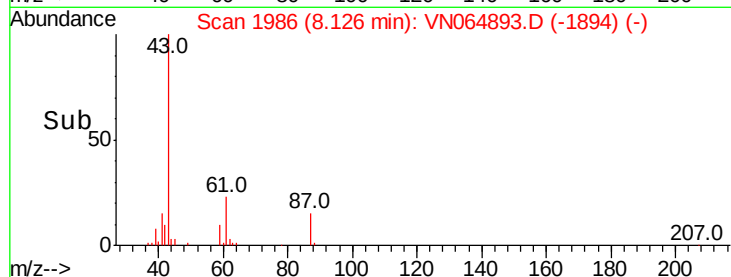
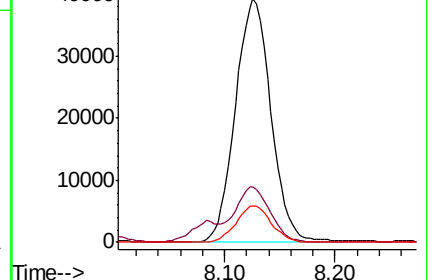
87 14.5 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN064779.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN064779.D (-1968) (-)



#44

Trichloroethene

Concen: 19.226 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064893.D

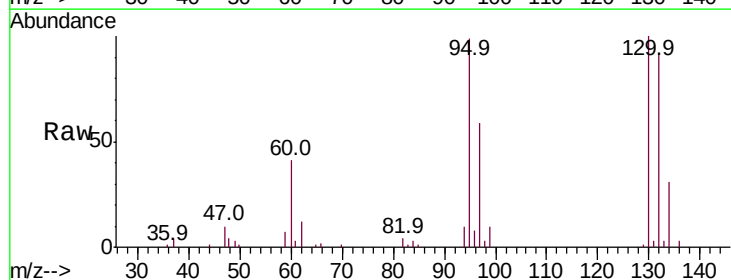
Acq: 3 Dec 2020 12:42

Tgt Ion:130 Resp: 53442

Ion Ratio Lower Upper

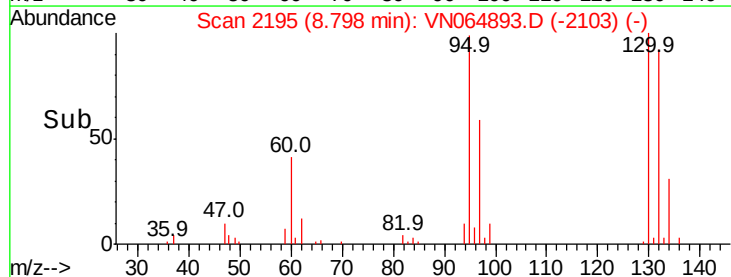
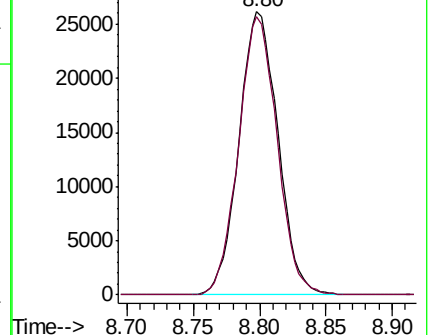
130 100

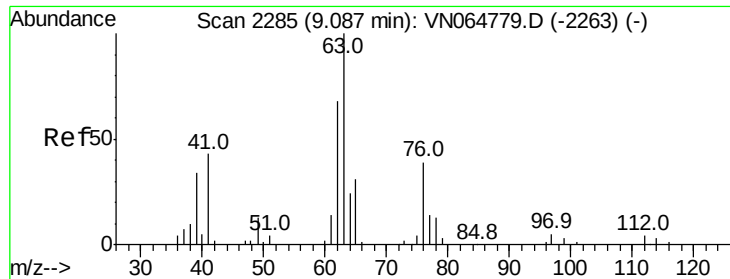
95 98.5 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN064779.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064779.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 20.072 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.01 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

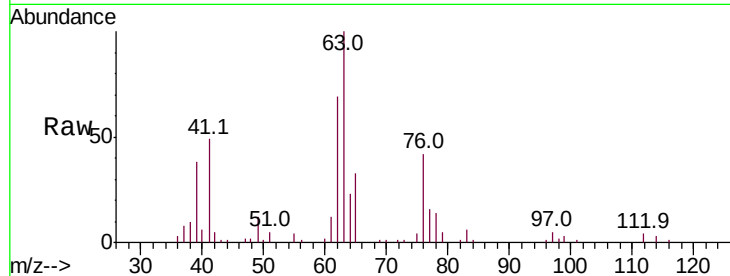
VN1203WBSD01

Tot Ion: 63 Resp: 48969

Ion Ratio Lower Upper

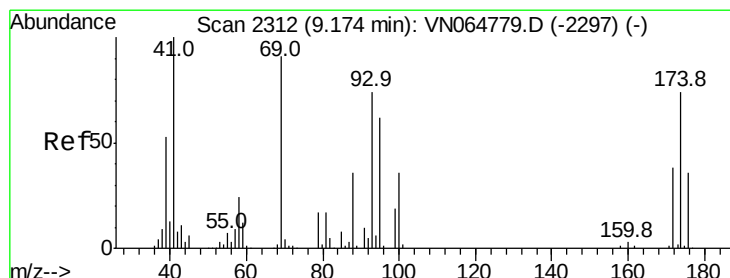
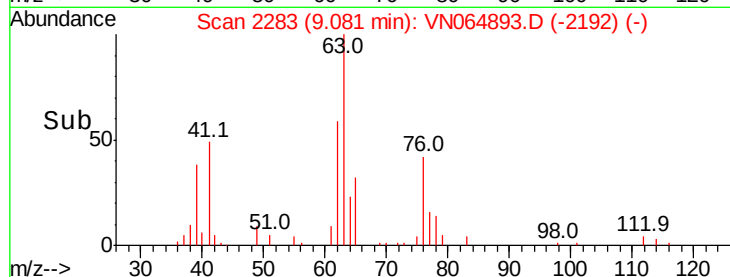
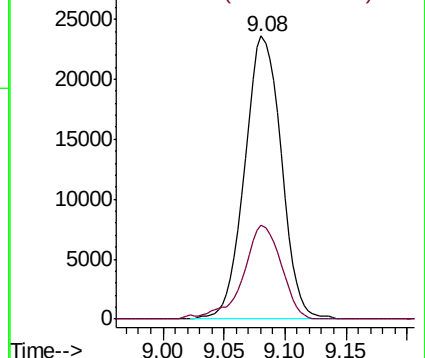
63 100

65 33.2 25.0 37.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.985 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

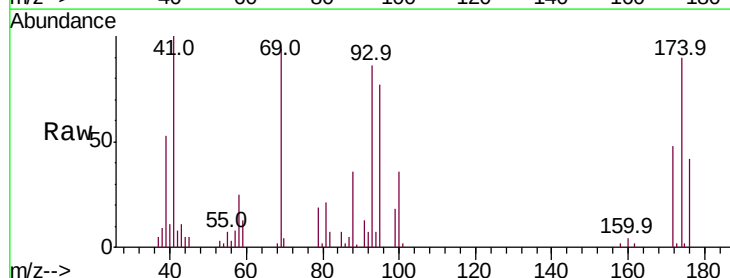
Tgt Ion: 93 Resp: 32574

Ion Ratio Lower Upper

93 100

95 83.9 68.8 103.2

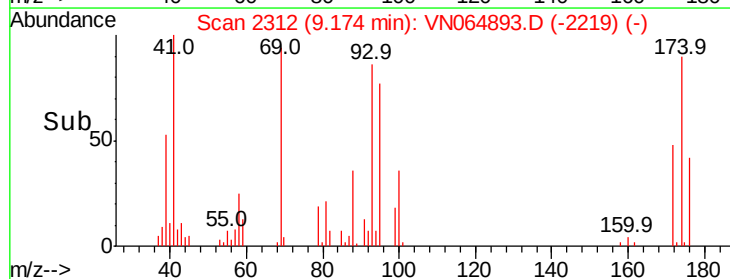
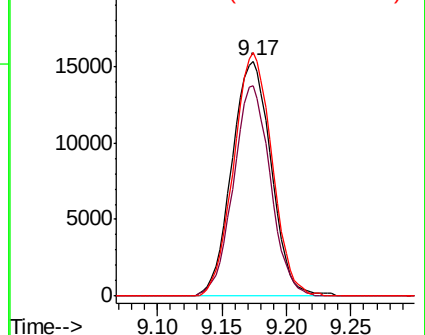
174 100.9 83.1 124.7

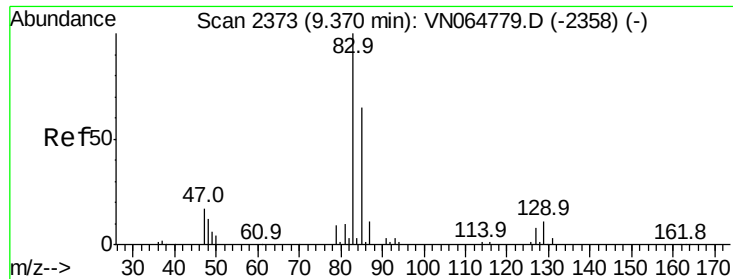


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

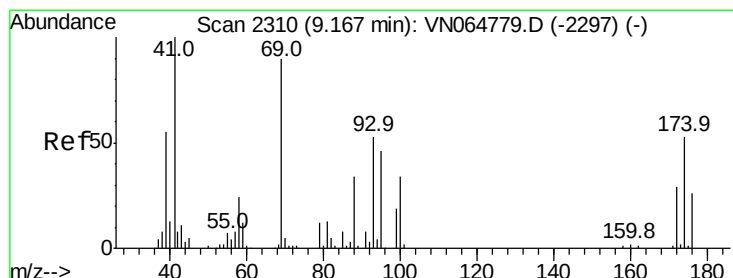
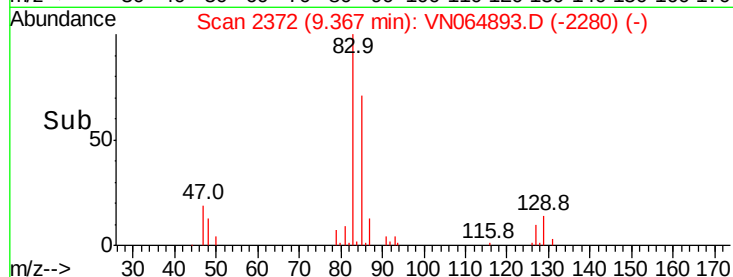
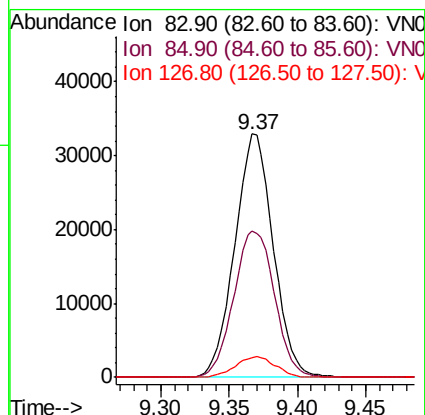
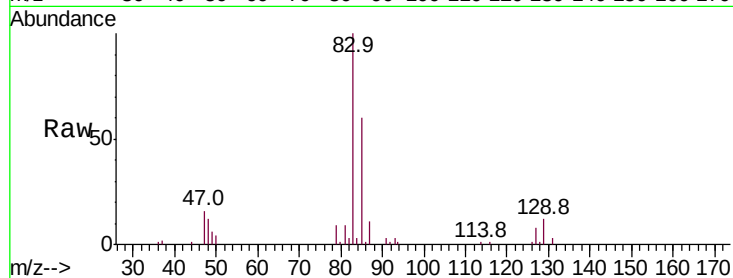




#47
Bromodichloromethane
Concen: 19.642 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

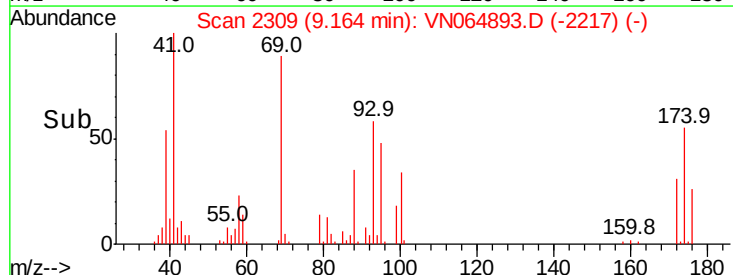
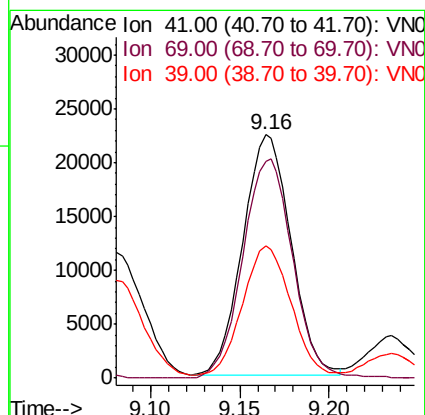
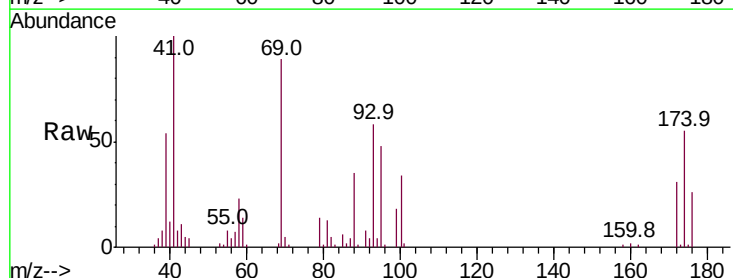
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

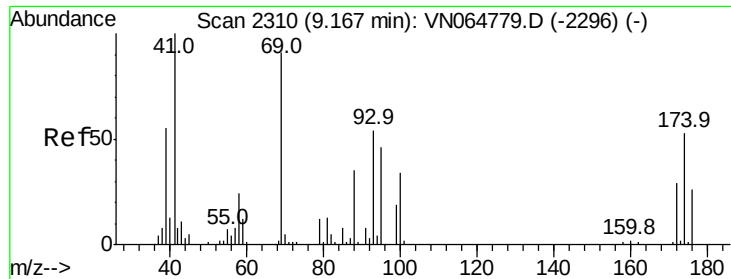
Tot Ion: 83 Resp: 64416
Ion Ratio Lower Upper
83 100
85 60.2 51.8 77.8
127 8.2 6.8 10.2



#48
Methyl methacrylate
Concen: 18.529 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion: 41 Resp: 42192
Ion Ratio Lower Upper
41 100
69 94.7 71.8 107.8
39 56.3 44.1 66.1

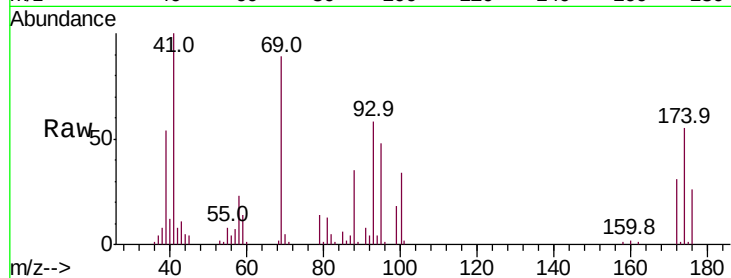




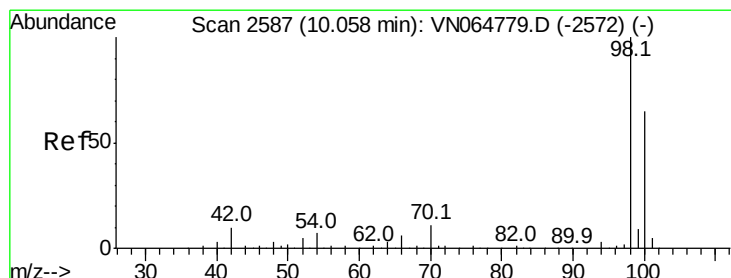
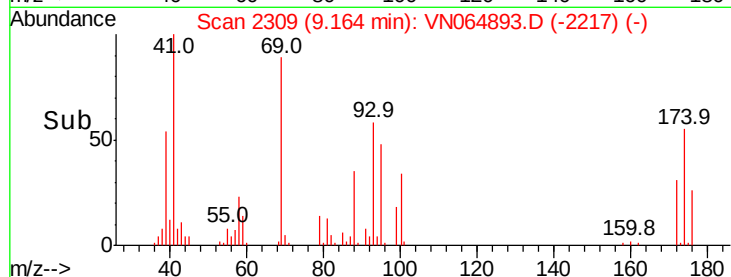
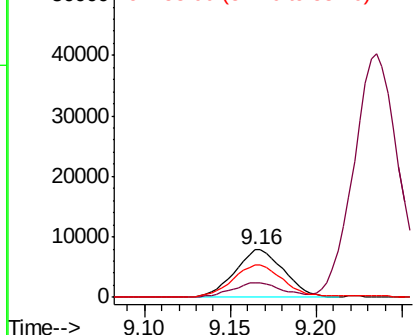
#49
 1,4-Dioxane
 Concen: 362.135 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1203WBSD01

Tot Ion: 88 Resp: 15585
 Ion Ratio Lower Upper
 88 100
 43 31.8 24.2 36.4
 58 70.5 52.5 78.7

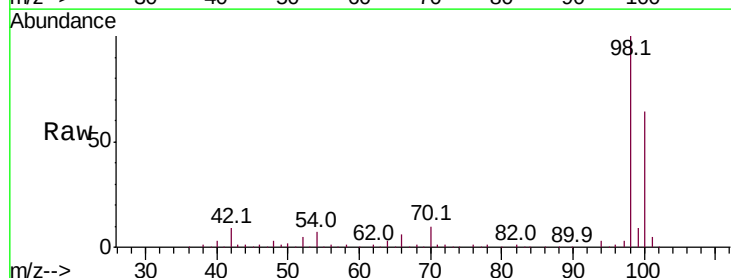


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

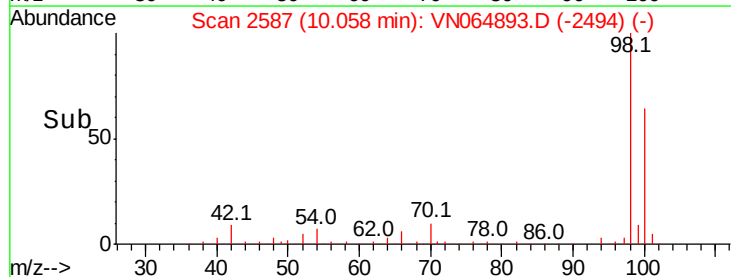
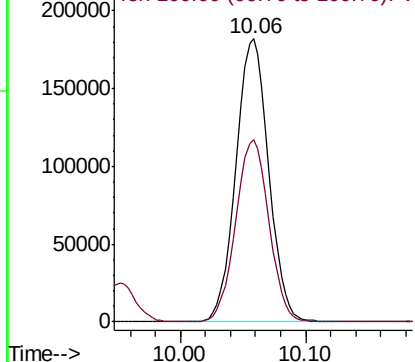


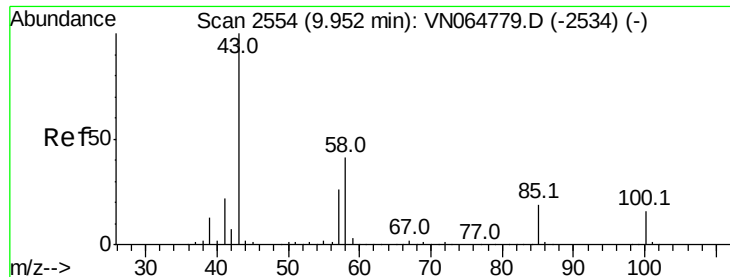
#50
 Toluene-d8
 Concen: 40.772 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Tgt Ion: 98 Resp: 330628
 Ion Ratio Lower Upper
 98 100
 100 65.1 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 96.027 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

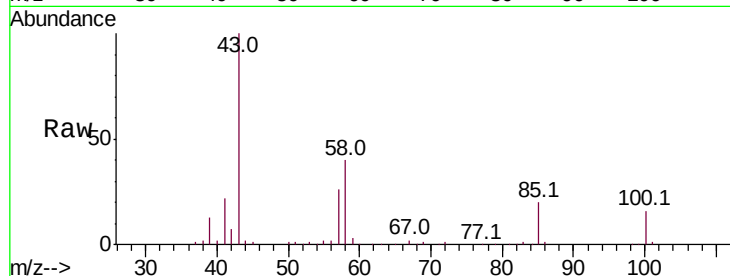
VN1203WBSD01

Tot Ion: 43 Resp: 274719

Ion Ratio Lower Upper

43 100

58 40.1 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.95

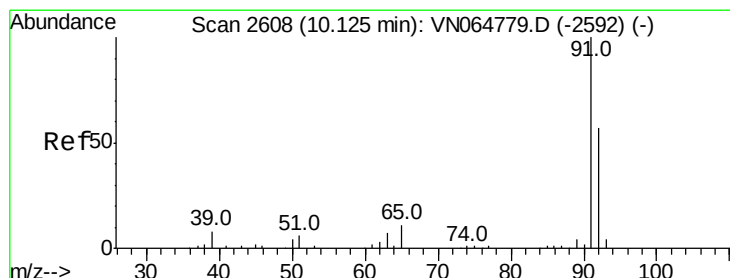
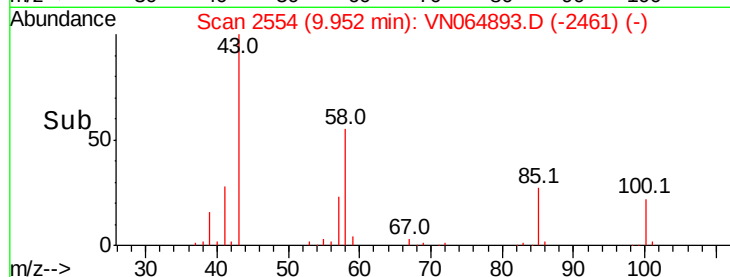
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.906 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064893.D

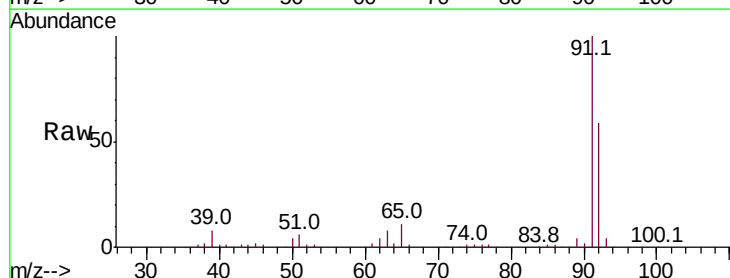
Acq: 3 Dec 2020 12:42

Tgt Ion: 92 Resp: 115488

Ion Ratio Lower Upper

92 100

91 170.9 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.12

120000

100000

80000

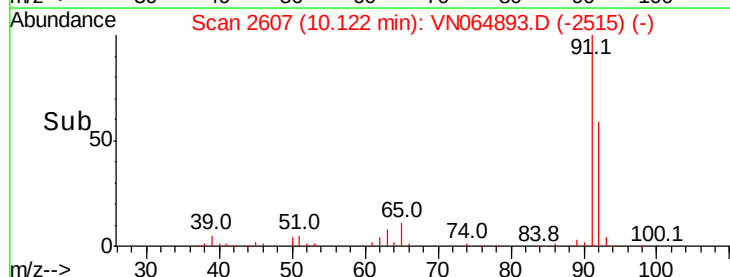
60000

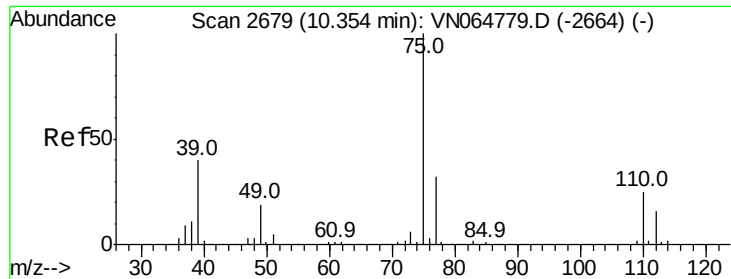
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.050 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

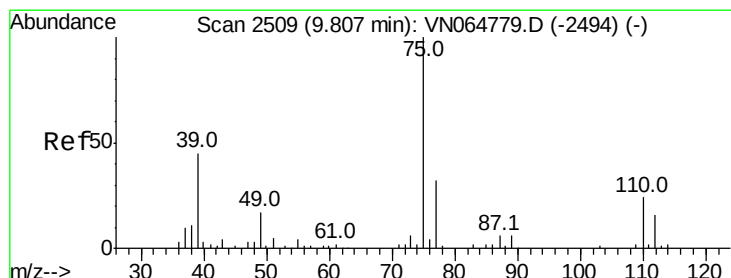
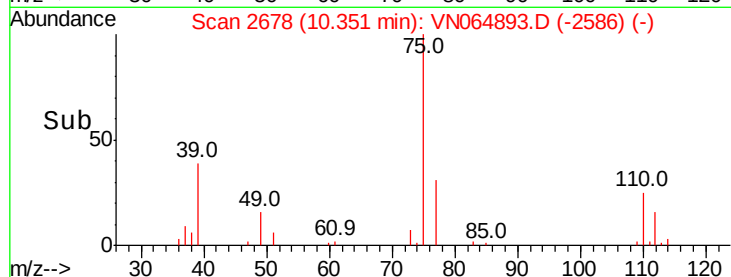
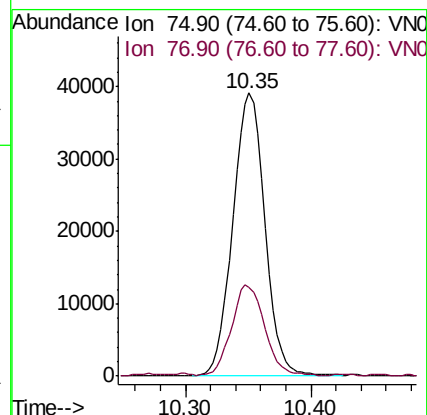
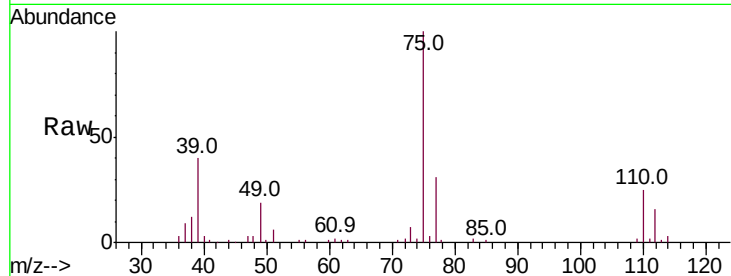
VN1203WBSD01

Tot Ion: 75 Resp: 69584

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 19.861 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

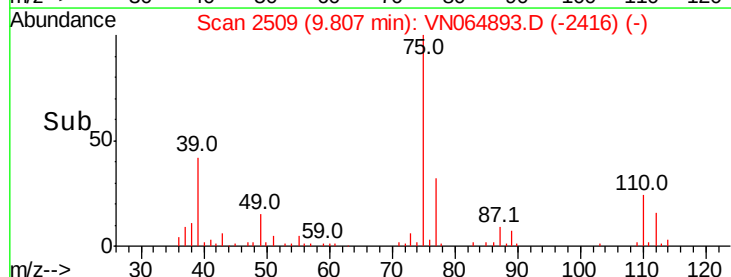
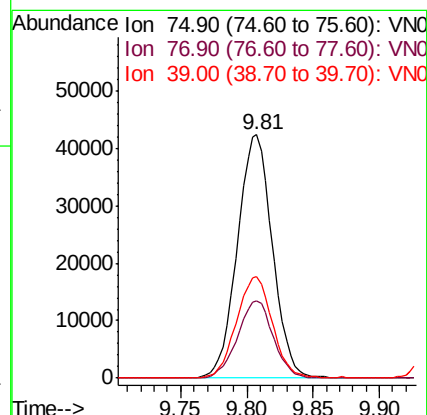
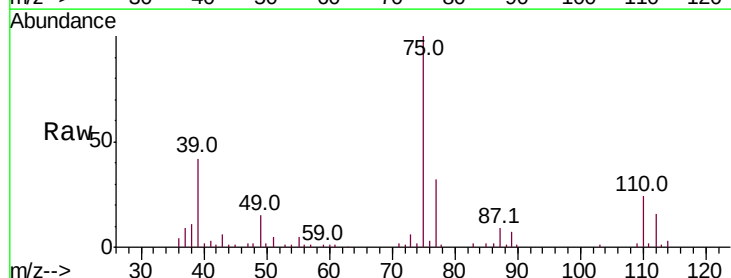
Tgt Ion: 75 Resp: 77762

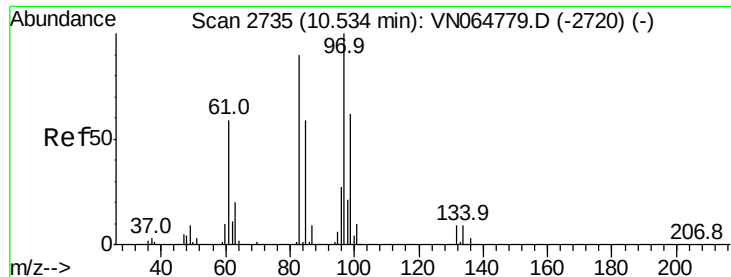
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 41.6 35.6 53.4

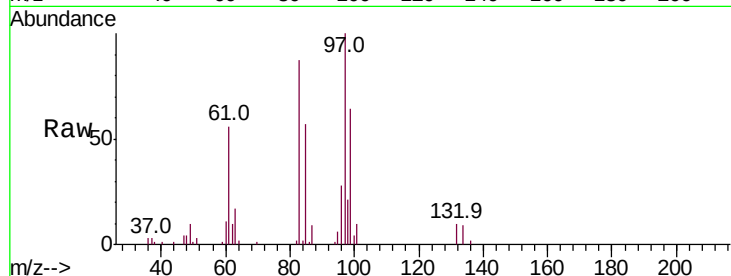




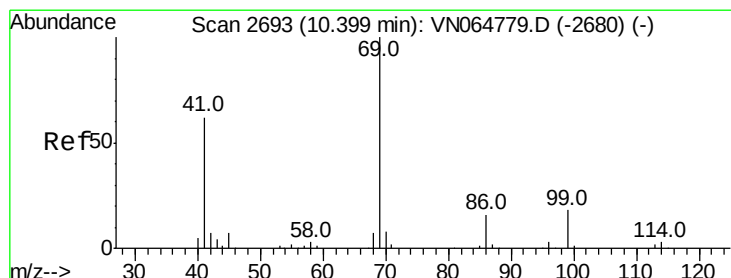
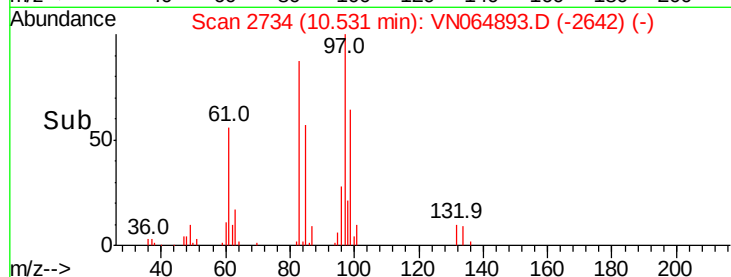
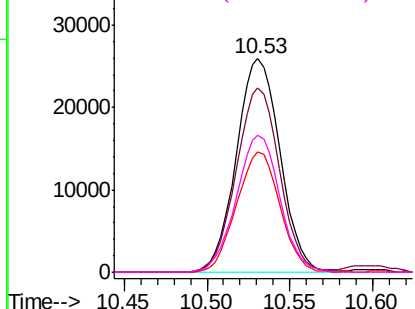
#55
 1,1,2-Trichloroethane
 Concen: 19.889 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Tot Ion: 97 Resp: 47451
 Ion Ratio Lower Upper
 97 100
 83 86.6 72.1 108.1
 85 56.6 46.8 70.2
 99 64.4 49.6 74.4

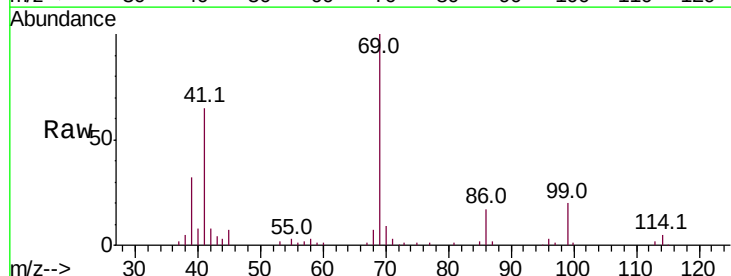


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

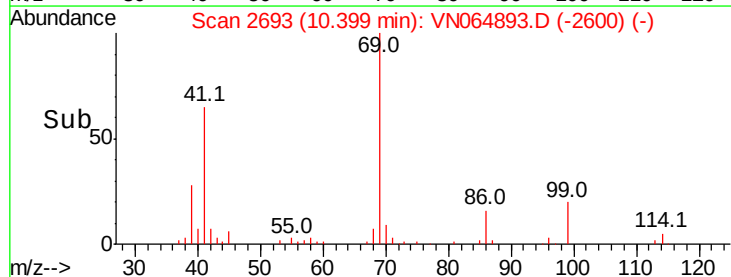
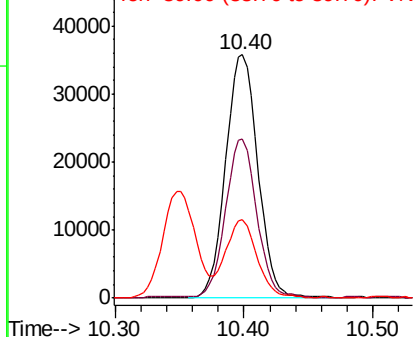


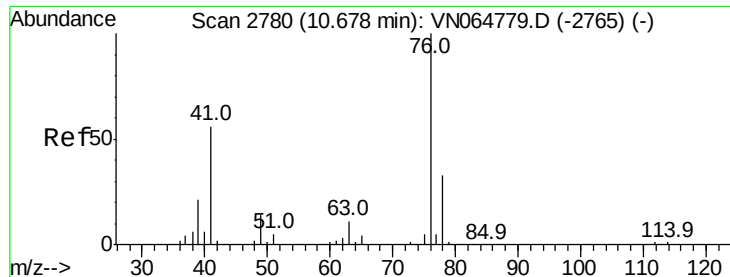
#56
 Ethyl methacrylate
 Concen: 18.859 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Tgt Ion: 69 Resp: 62088
 Ion Ratio Lower Upper
 69 100
 41 63.7 49.4 74.0
 39 31.4 25.9 38.9



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





#57

1,3-Dichloropropane

Concen: 20.341 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

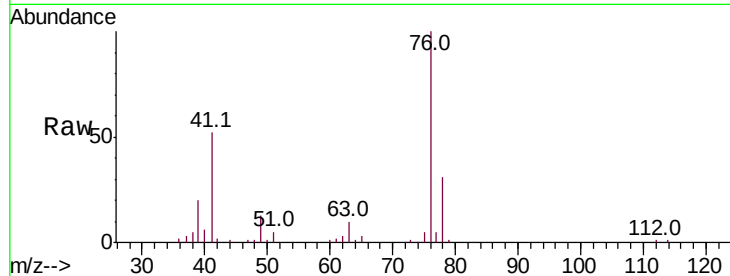
VN1203WBSD01

Tot Ion: 76 Resp: 80053

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

50000

40000

30000

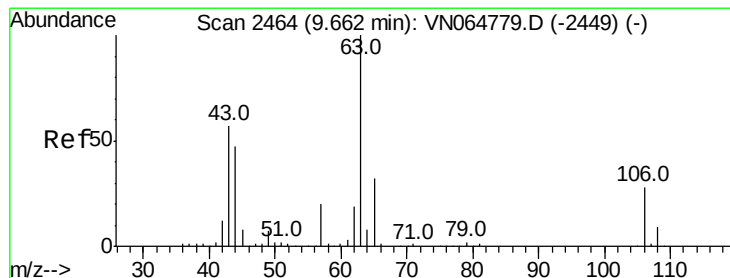
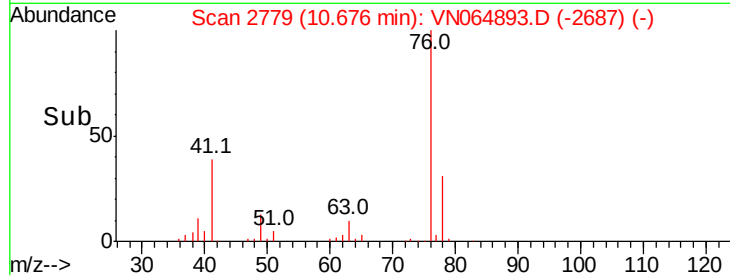
20000

10000

0

Time-->

10.60 10.70



#58

2-Chloroethyl Vinyl ether

Concen: 90.096 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064893.D

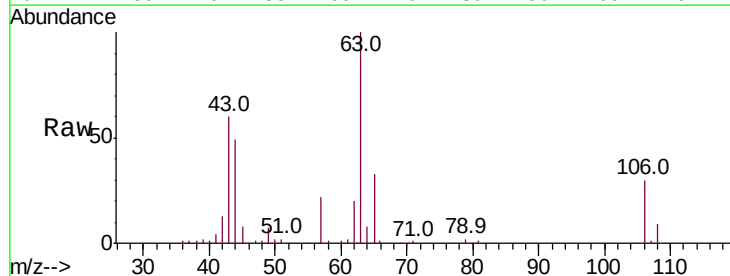
Acq: 3 Dec 2020 12:42

Tgt Ion: 63 Resp: 163161

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

100000

80000

60000

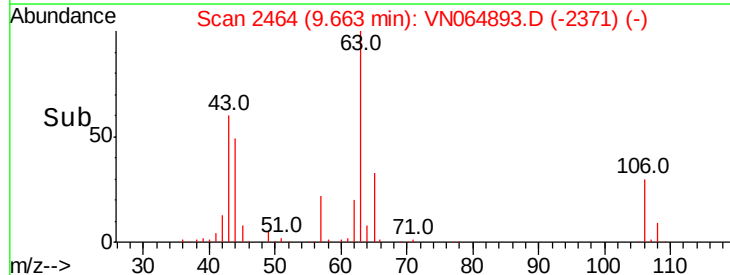
40000

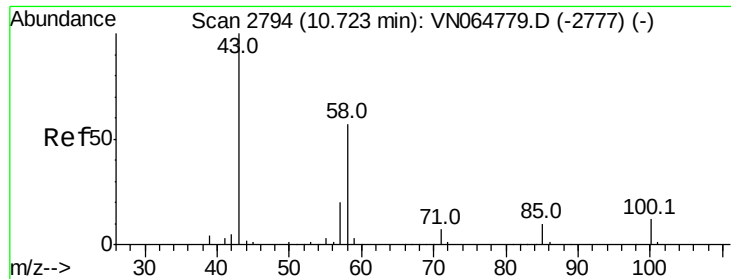
20000

0

Time-->

9.60 9.65 9.70 9.75

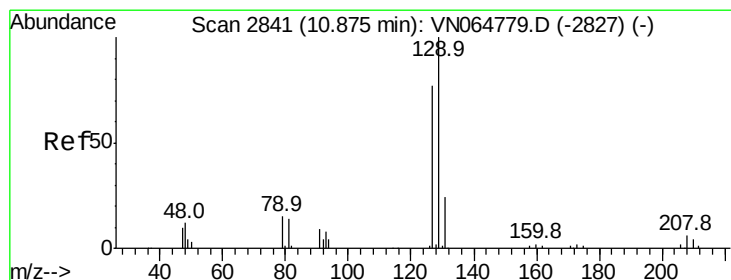
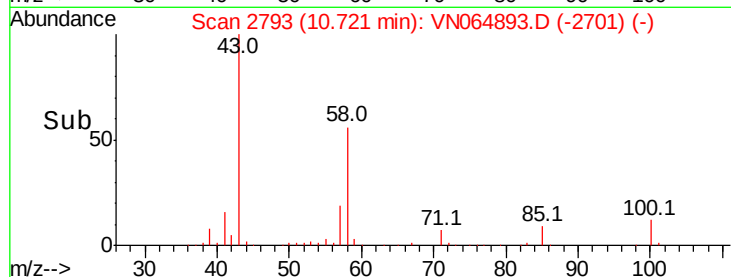
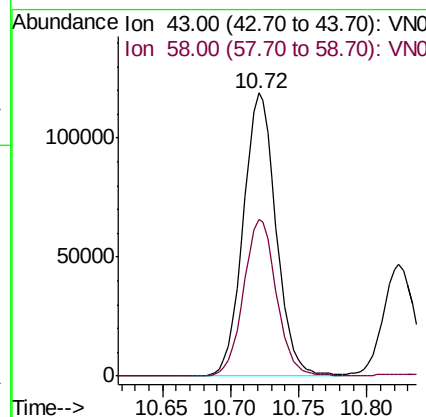
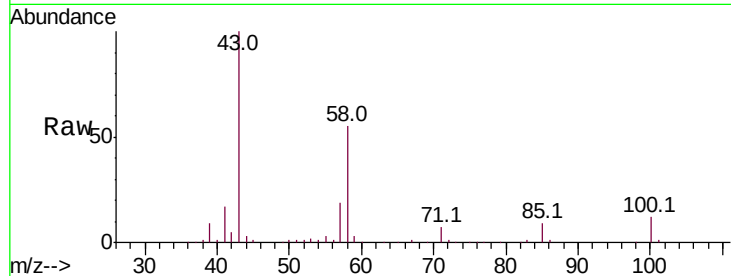




#59
2-Hexanone
Concen: 96.673 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

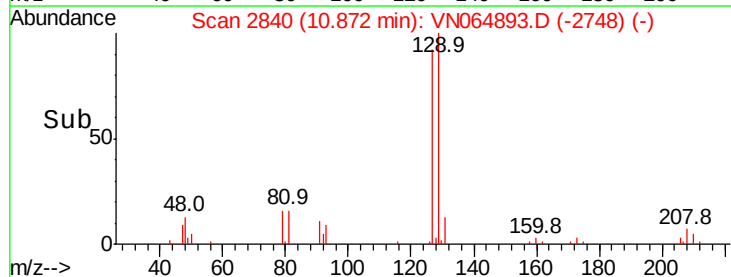
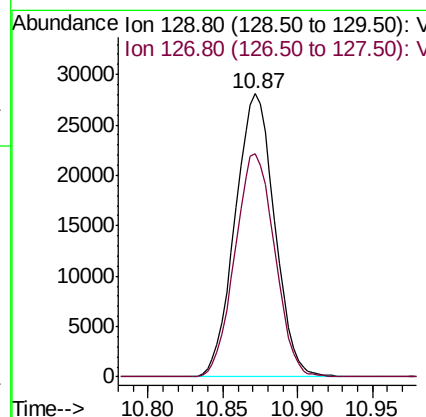
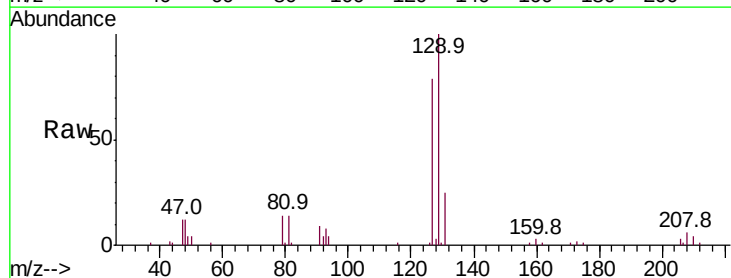
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

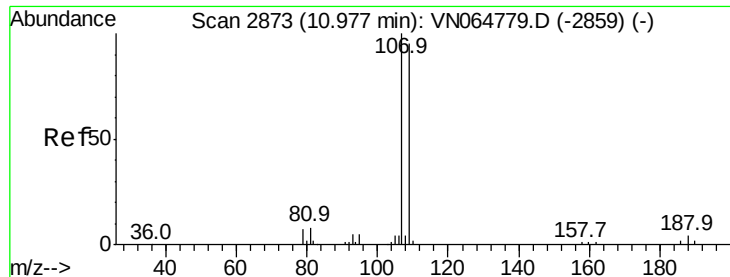
Tot Ion: 43 Resp: 199040
Ion Ratio Lower Upper
43 100
58 55.4 28.3 84.9



#60
Dibromochloromethane
Concen: 19.460 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion: 129 Resp: 51606
Ion Ratio Lower Upper
129 100
127 79.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 20.110 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

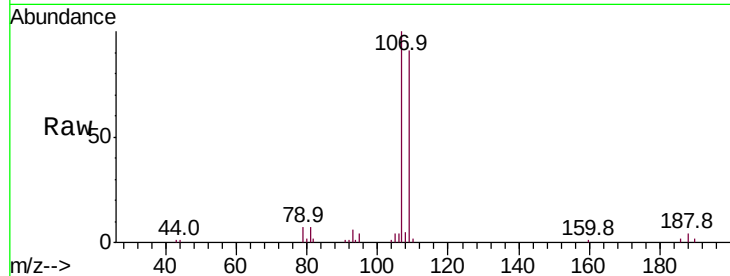
VN1203WBSD01

Tot Ion:107 Resp: 48743

Ion Ratio Lower Upper

107 100

109 91.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

10.97

30000

25000

20000

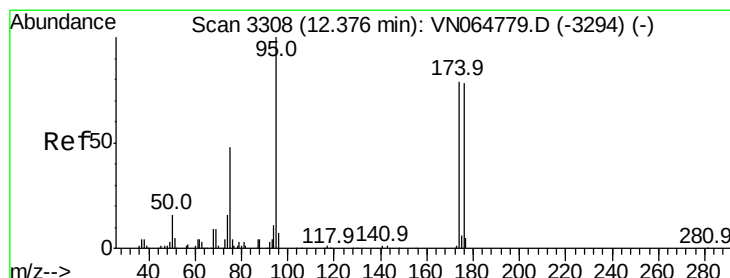
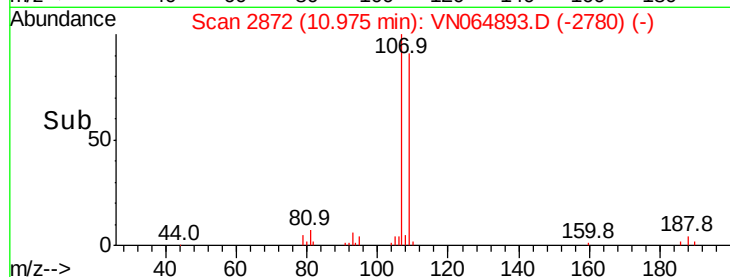
15000

10000

5000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 40.260 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

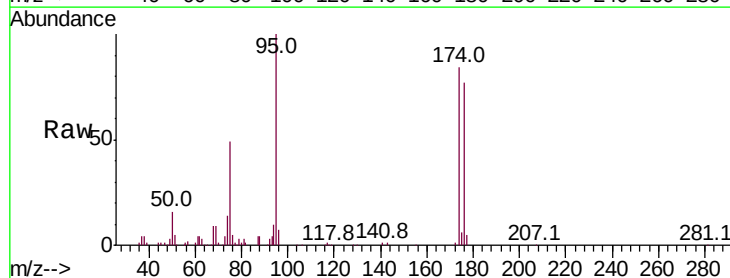
Tgt Ion: 95 Resp: 116840

Ion Ratio Lower Upper

95 100

174 82.7 0.0 160.4

176 78.2 0.0 158.4



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.37

80000

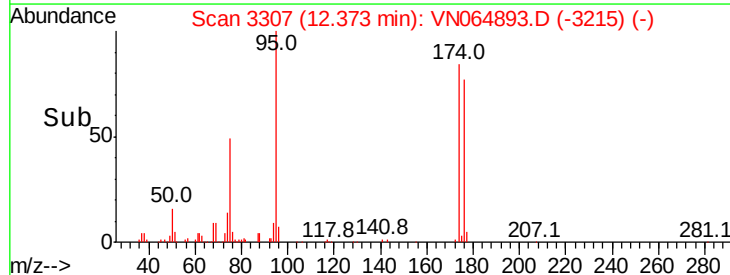
60000

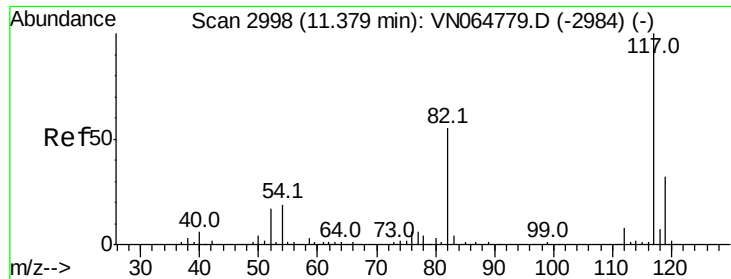
40000

20000

0

Time-->

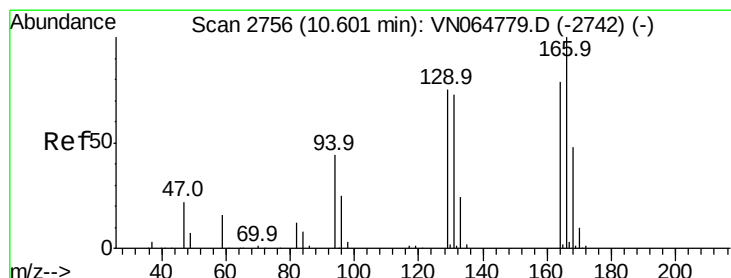
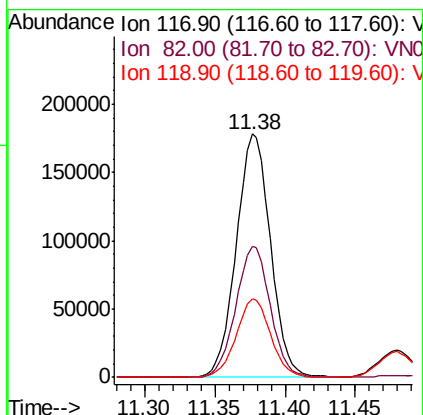
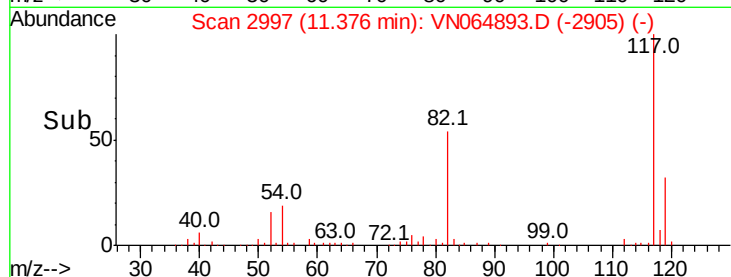
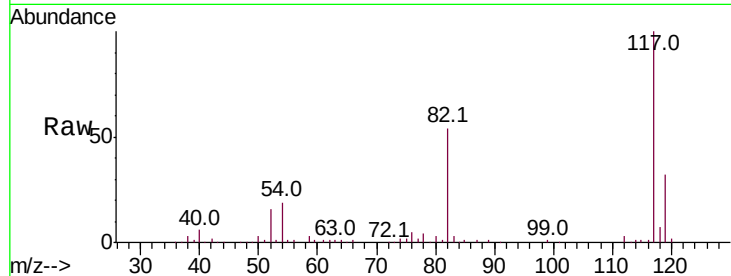




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

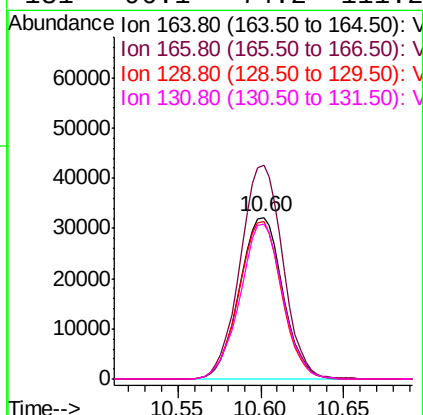
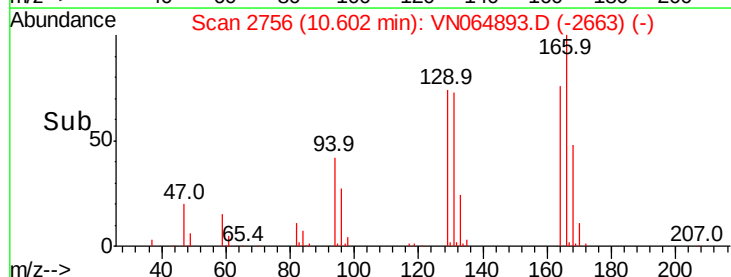
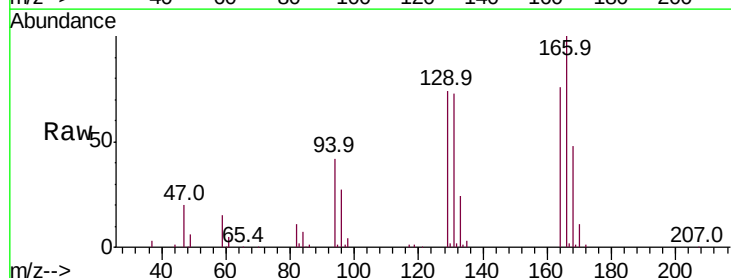
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

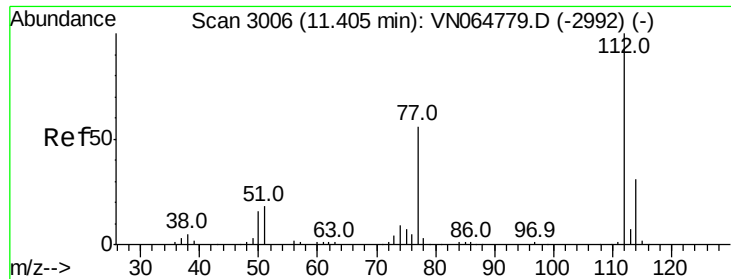
Tot Ion:117 Resp: 303387
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 19.927 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion:164 Resp: 58819
Ion Ratio Lower Upper
164 100
166 132.0 101.4 152.0
129 97.1 76.1 114.1
131 96.1 74.2 111.2

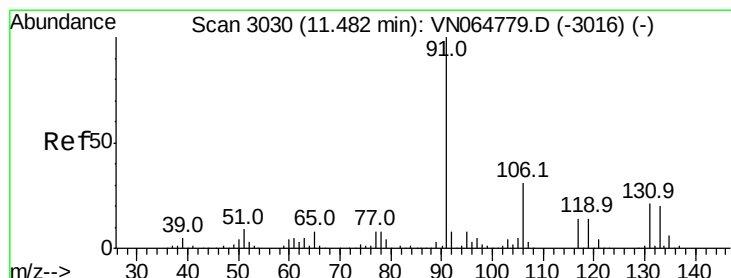
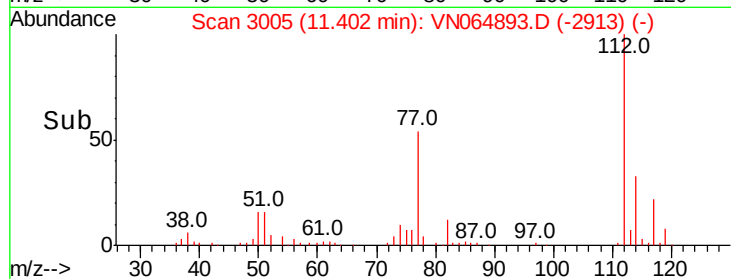
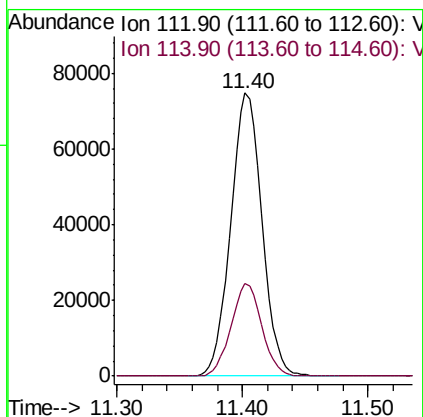
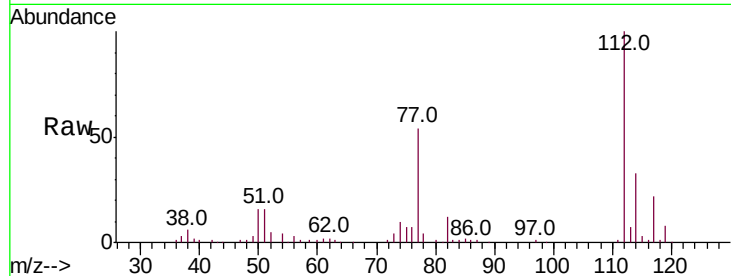




#65
Chlorobenzene
Concen: 19.833 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

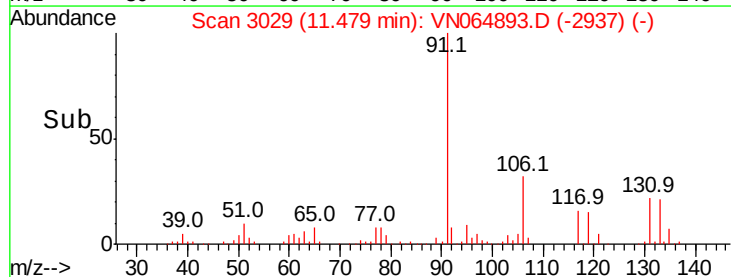
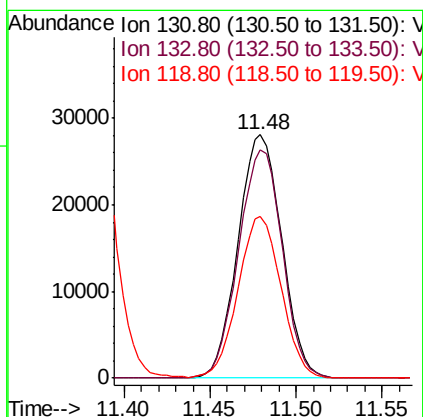
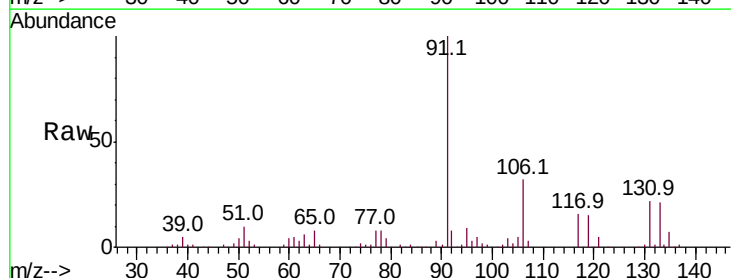
Instrument :
MSVOA_N
ClientSampled :
VN1203WBSD01

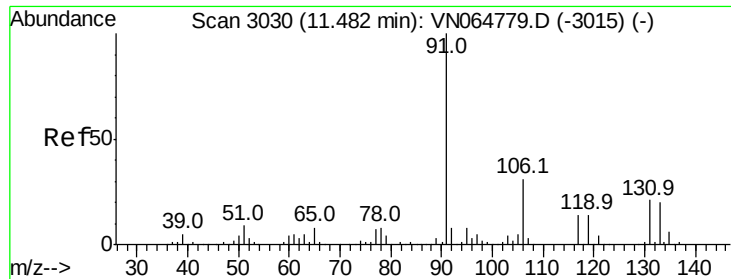
Tot Ion:112 Resp: 129218
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.681 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion:131 Resp: 49517
Ion Ratio Lower Upper
131 100
133 93.7 47.5 142.5
119 65.5 33.3 99.8

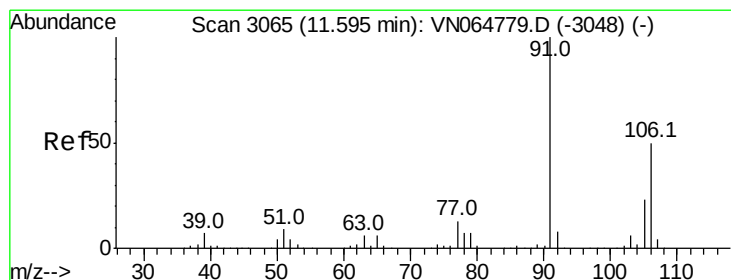
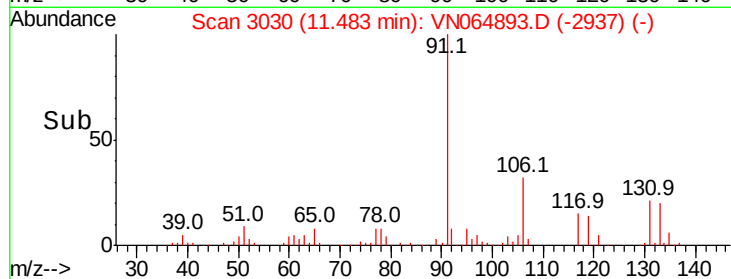
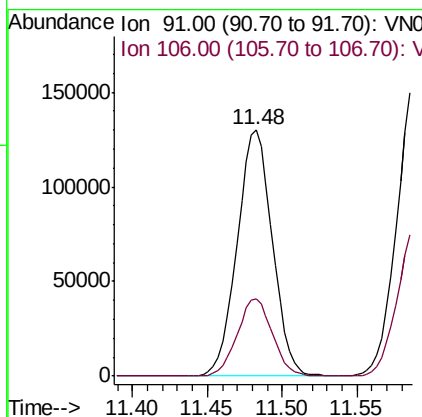
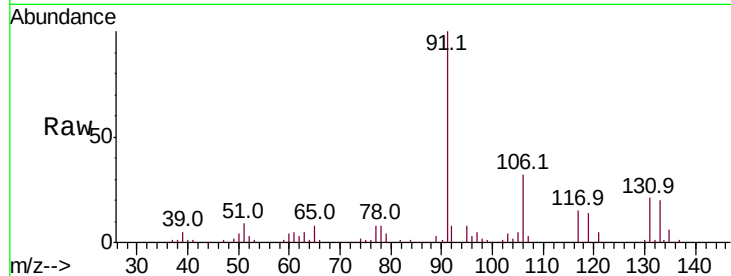




#67
Ethyl Benzene
Concen: 19.571 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

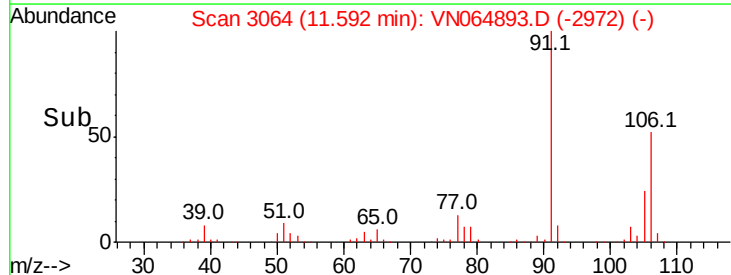
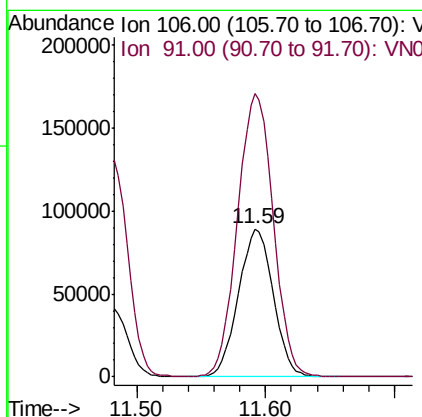
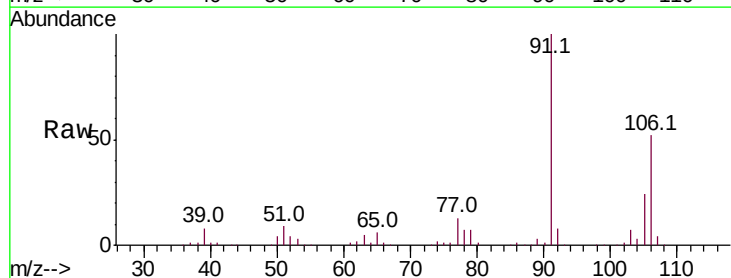
Instrument :
MSVOA_N
ClientSampled :
VN1203WBSD01

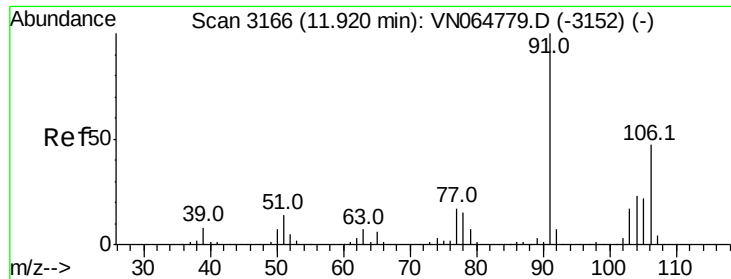
Tot Ion: 91 Resp: 213016
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#68
m/p-Xylenes
Concen: 40.816 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion: 106 Resp: 168192
Ion Ratio Lower Upper
106 100
91 195.2 161.0 241.4

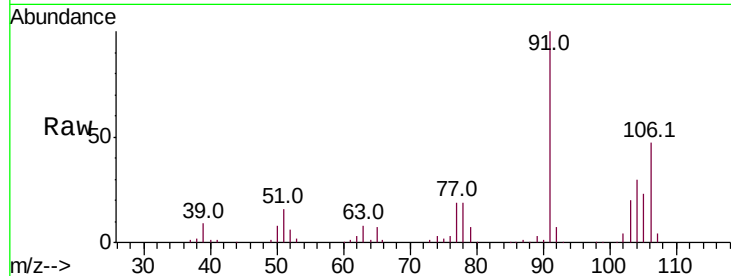




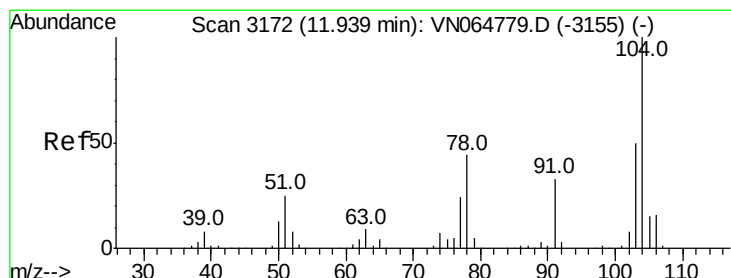
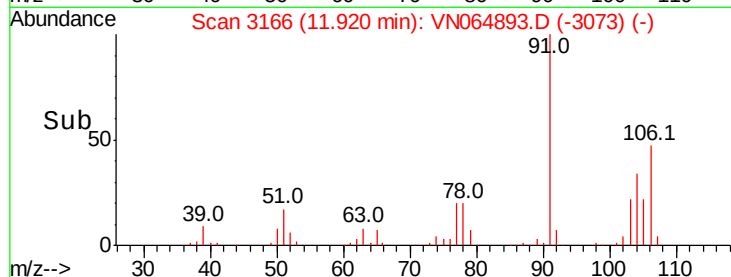
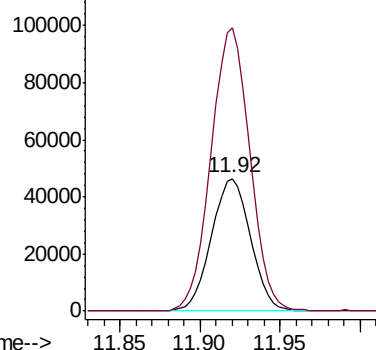
#69
o-Xylene
Concen: 19.853 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Instrument :
MSVOA_N
ClientSampled :
VN1203WBSD01

Tot Ion:106 Resp: 77635
Ion Ratio Lower Upper
106 100
91 212.1 105.5 316.5

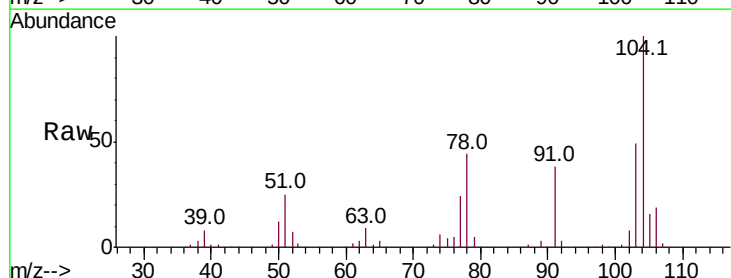


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

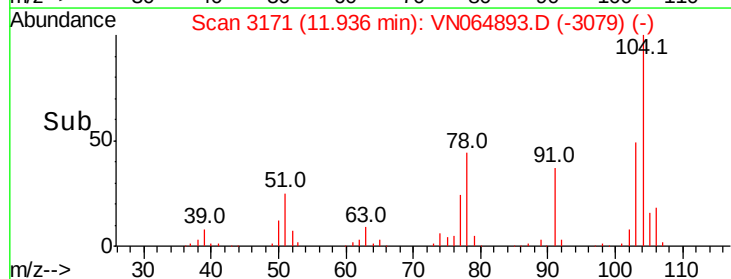
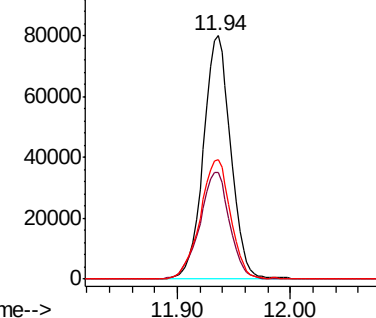


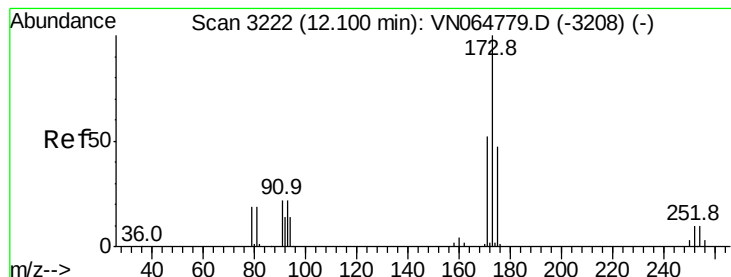
#70
Styrene
Concen: 20.447 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion:104 Resp: 134977
Ion Ratio Lower Upper
104 100
78 47.9 39.0 58.6
103 54.2 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.292 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

VN1203WBSD01

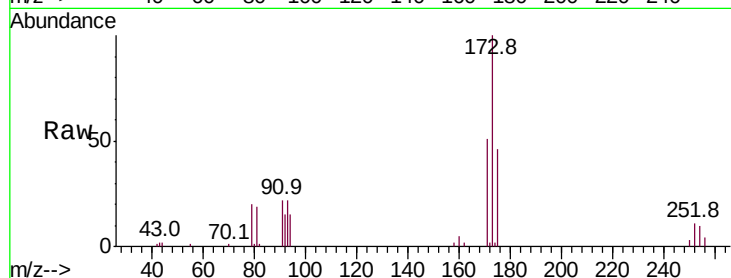
Tot Ion:173 Resp: 36894

Ion Ratio Lower Upper

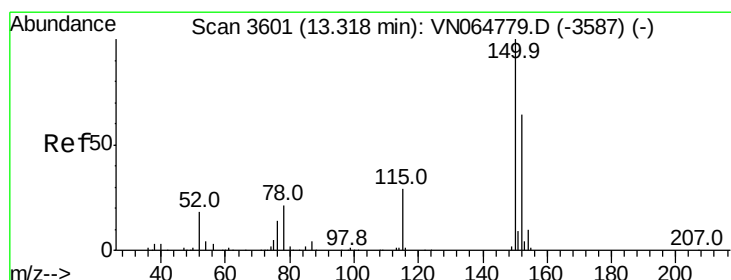
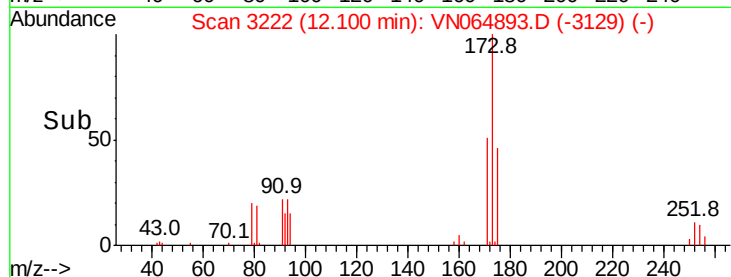
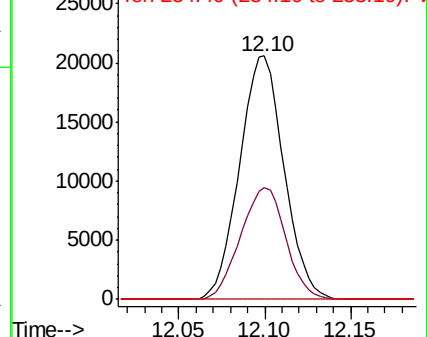
173 100

175 46.6 24.3 72.8

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

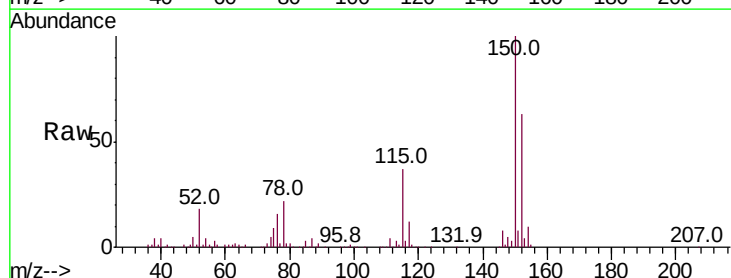
Tgt Ion:152 Resp: 149380

Ion Ratio Lower Upper

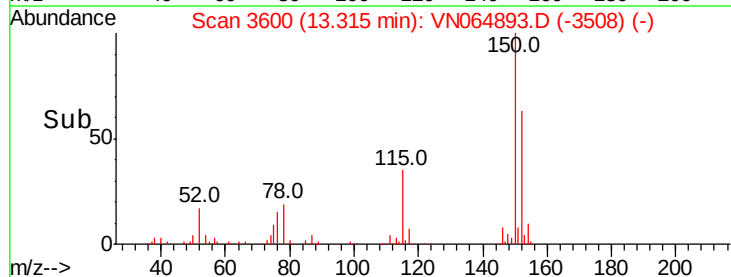
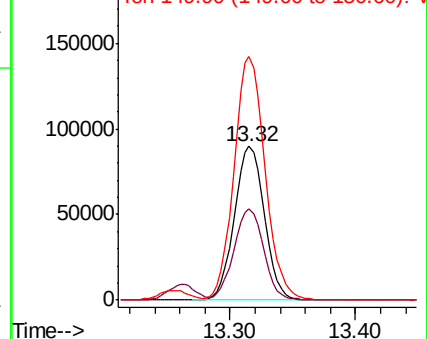
152 100

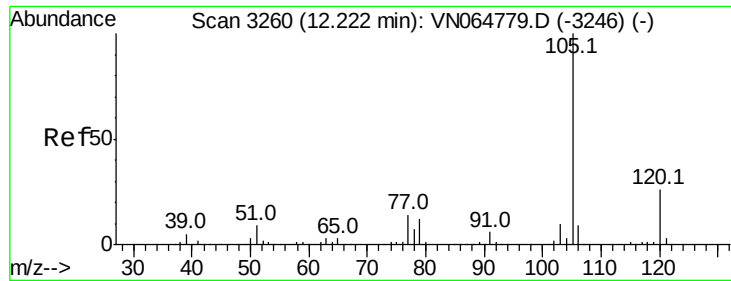
115 58.6 29.7 89.1

150 162.5 0.0 350.6



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





#73

Isopropylbenzene

Concen: 20.426 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

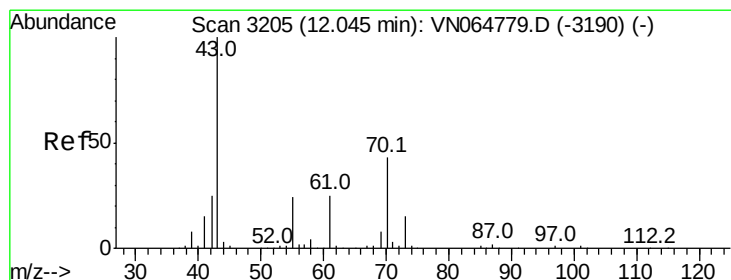
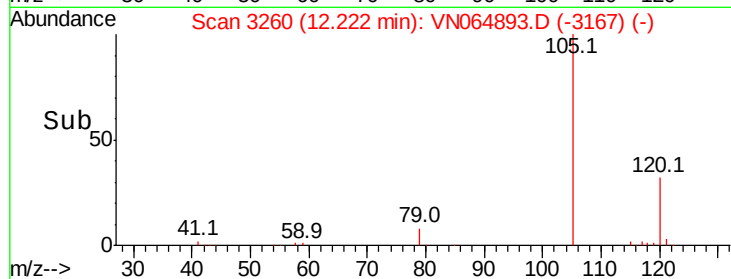
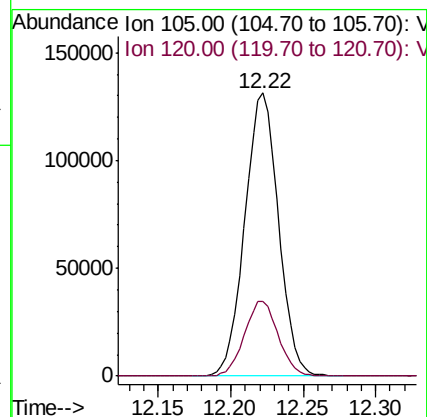
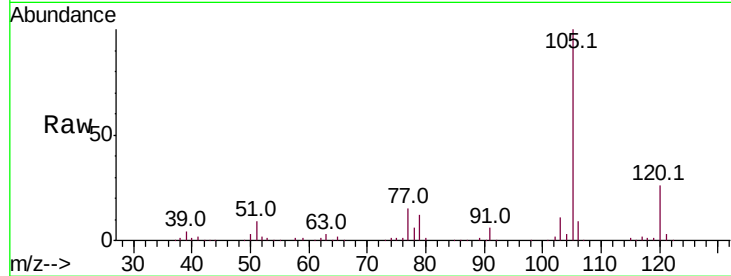
VN1203WBSD01

Tot Ion:105 Resp: 212237

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 18.090 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Tgt Ion: 43 Resp: 73969

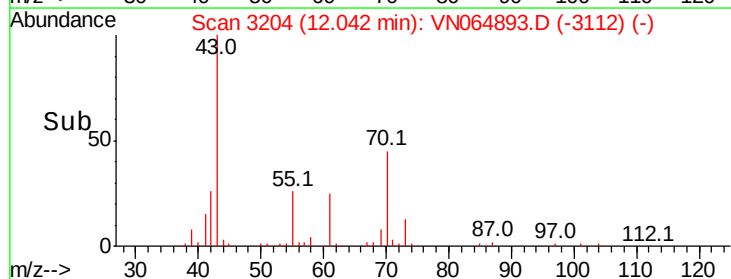
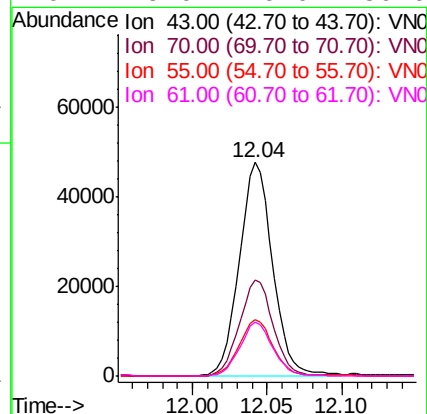
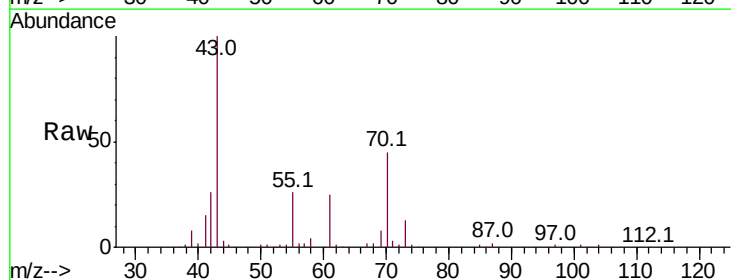
Ion Ratio Lower Upper

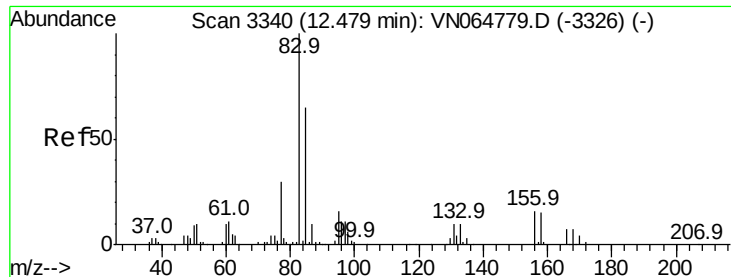
43 100

70 45.8 34.5 51.7

55 26.6 20.4 30.6

61 25.0 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.639 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

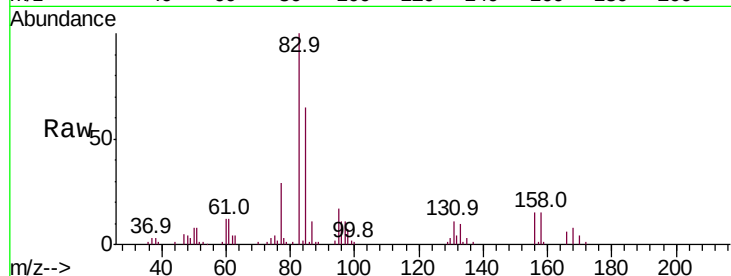
Tot Ion: 83 Resp: 59809

Ion Ratio Lower Upper

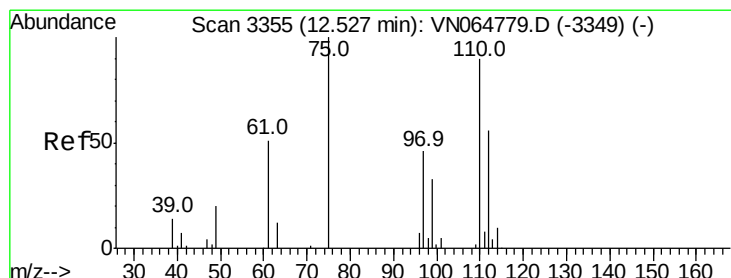
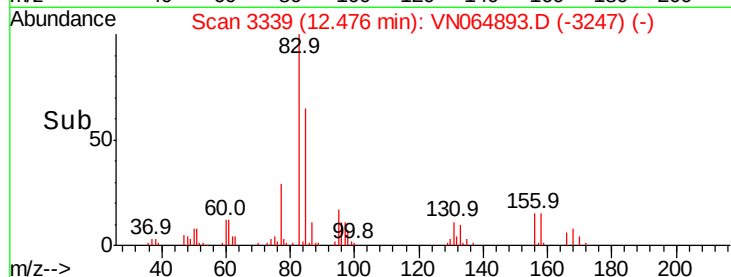
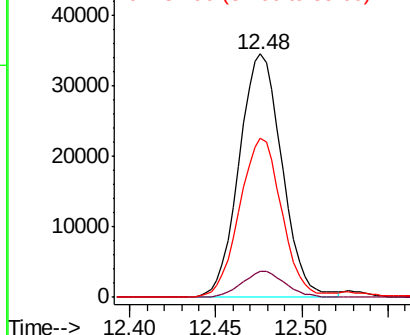
83 100

131 10.6 5.1 15.3

85 64.2 33.0 99.0



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 26.782 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064893.D

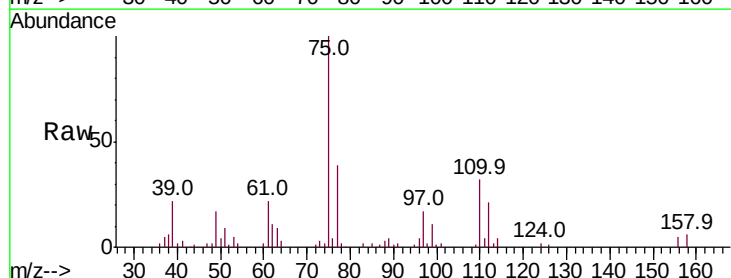
Acq: 3 Dec 2020 12:42

Tgt Ion: 75 Resp: 86159

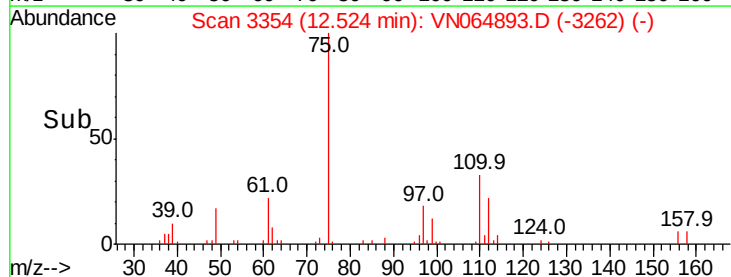
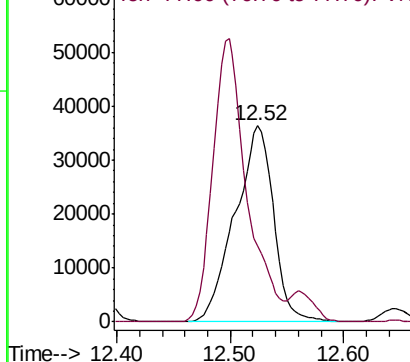
Ion Ratio Lower Upper

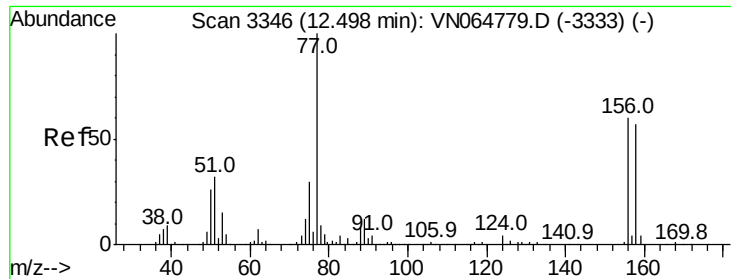
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 19.494 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

VN1203WBSD01

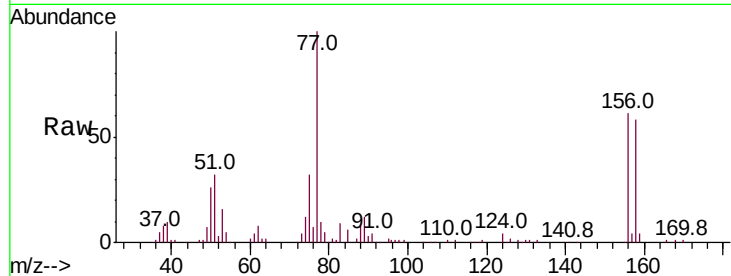
Tot Ion:156 Resp: 54607

Ion Ratio Lower Upper

156 100

77 199.7 101.3 303.7

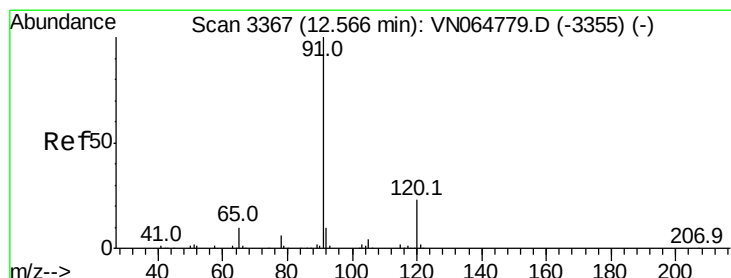
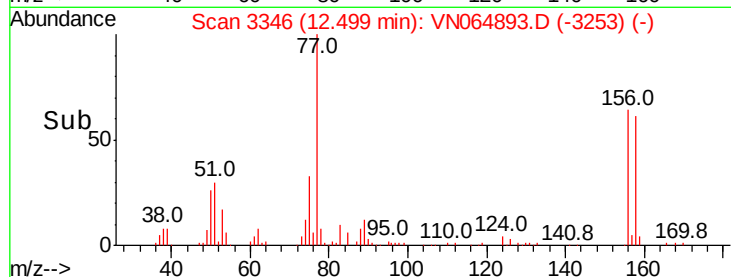
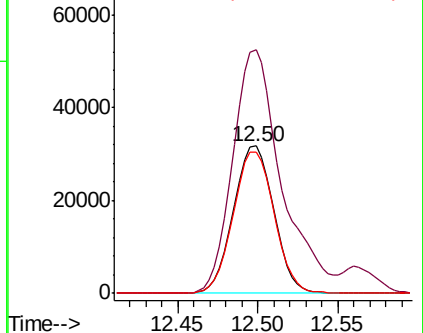
158 97.6 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.090 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064893.D

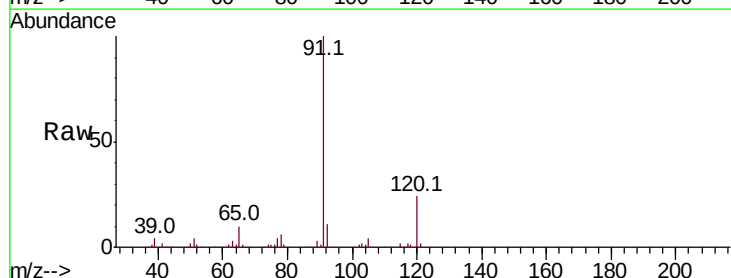
Acq: 3 Dec 2020 12:42

Tgt Ion: 91 Resp: 237800

Ion Ratio Lower Upper

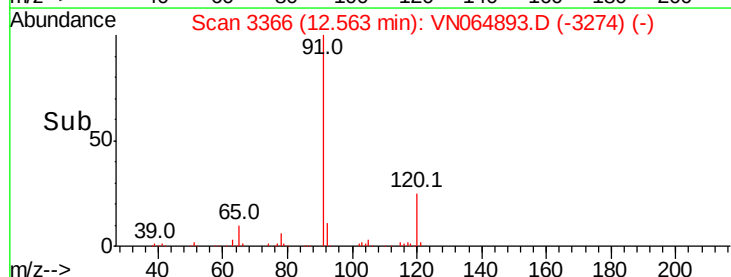
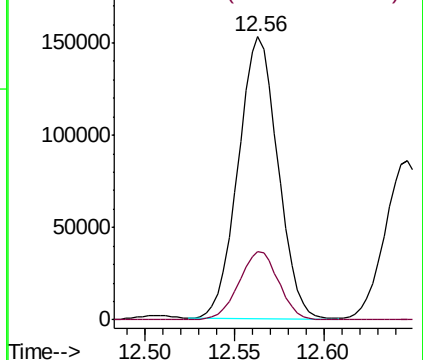
91 100

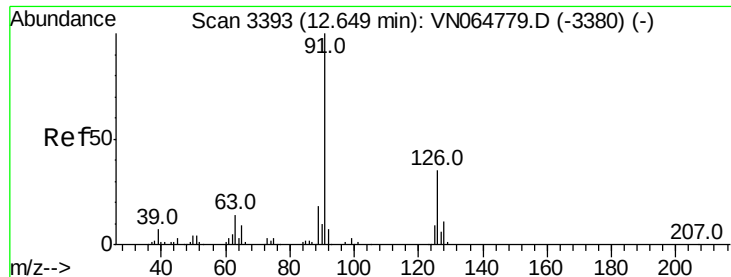
120 24.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.552 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

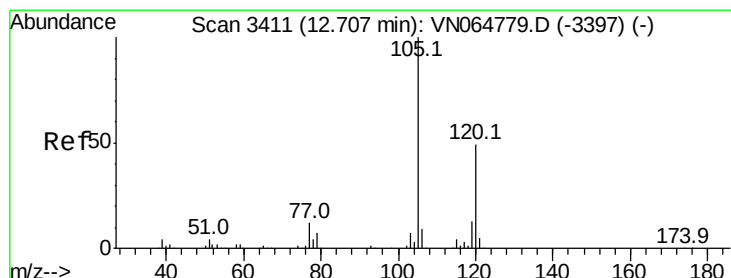
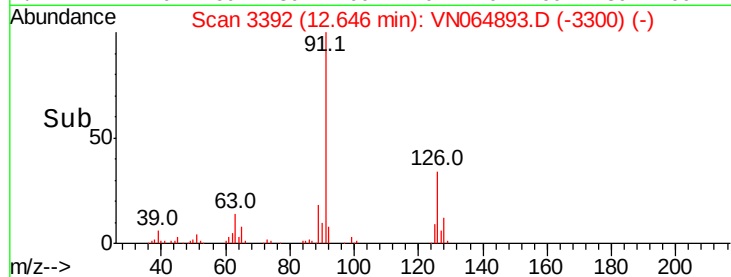
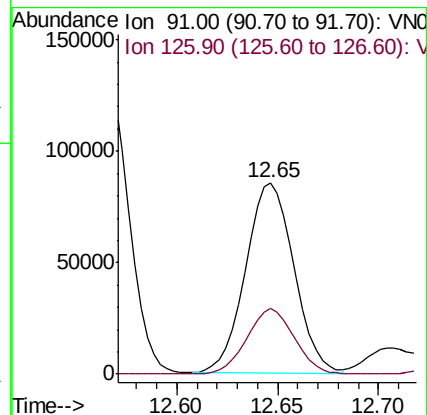
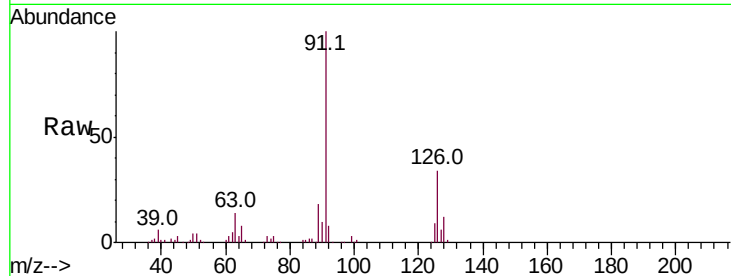
VN1203WBSD01

Tot Ion: 91 Resp: 143060

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 20.793 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064893.D

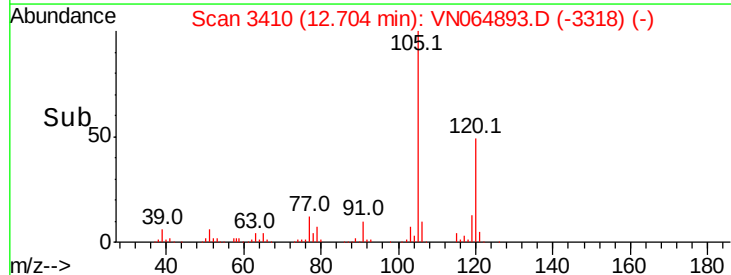
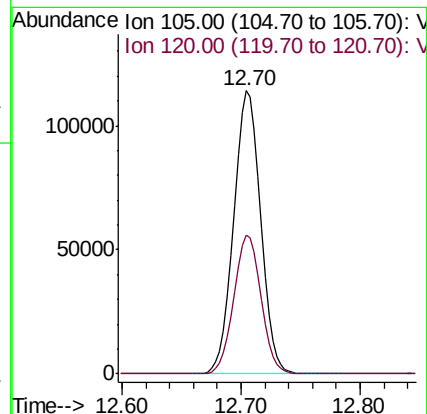
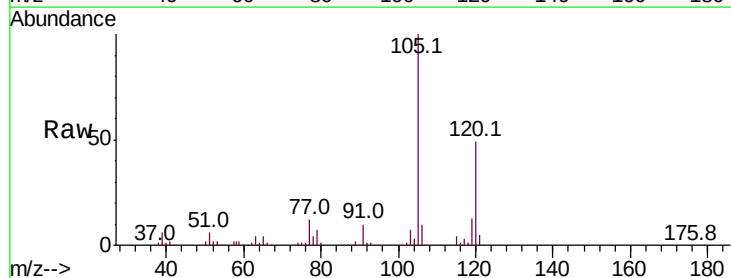
Acq: 3 Dec 2020 12:42

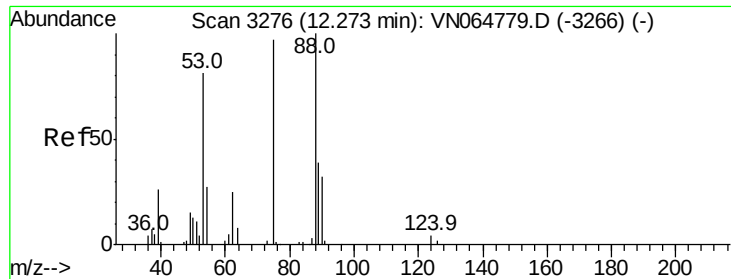
Tgt Ion: 105 Resp: 179575

Ion Ratio Lower Upper

105 100

120 49.5 24.6 73.6

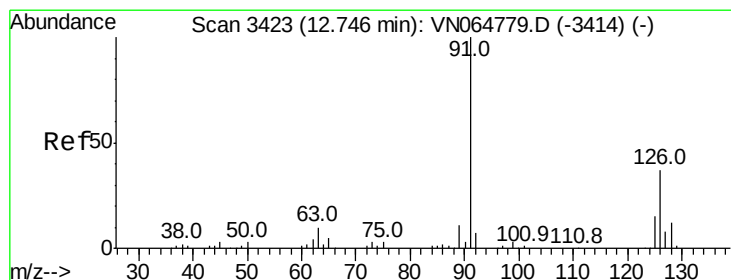
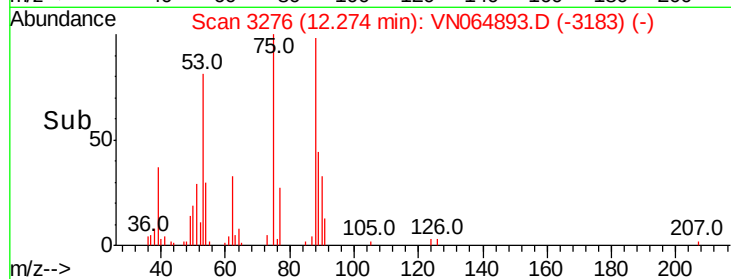
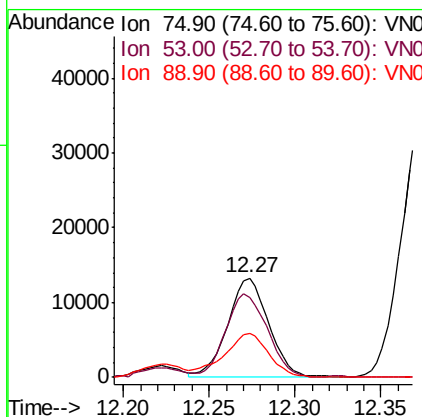
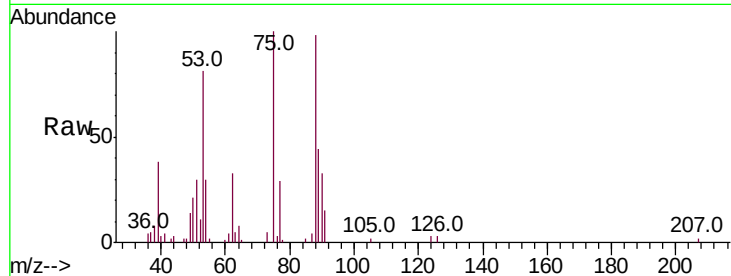




#81
trans-1,4-Dichloro-2-butene
Concen: 18.897 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

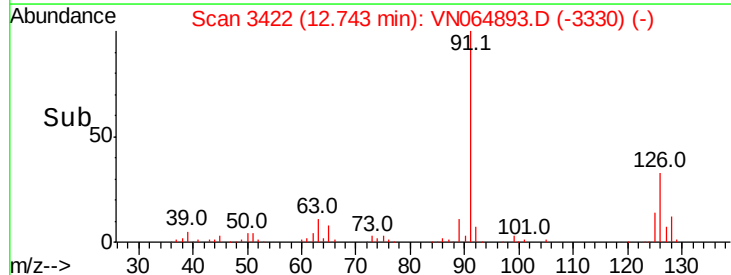
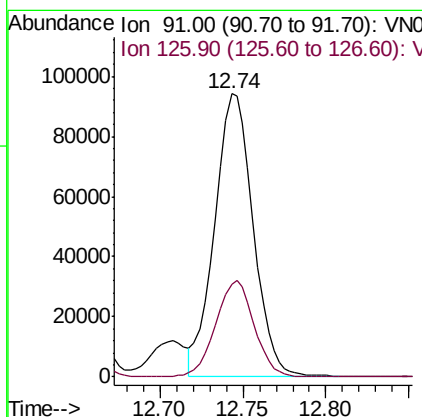
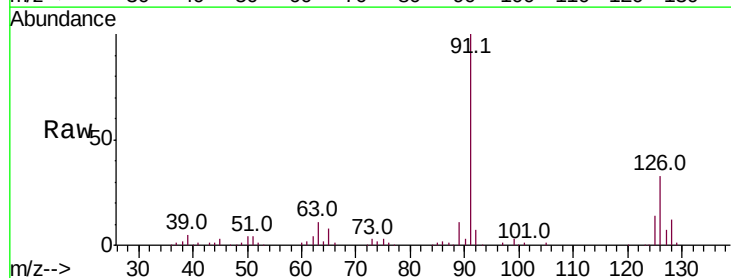
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

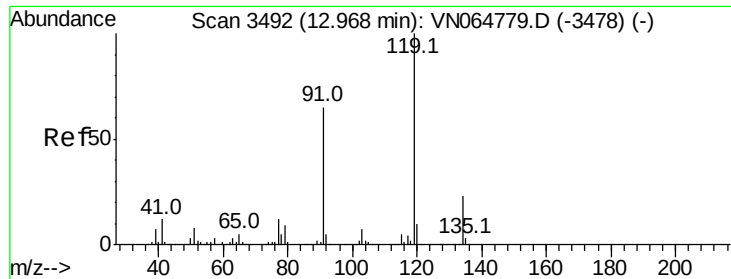
Tot Ion: 75 Resp: 22181
Ion Ratio Lower Upper
75 100
53 85.3 67.0 100.4
89 48.5 39.6 59.4



#82
4-Chlorotoluene
Concen: 19.683 ug/l
RT: 12.74 min Scan# 3422
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion: 91 Resp: 150954
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.7

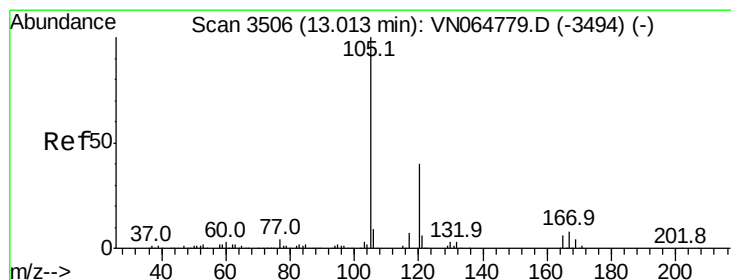
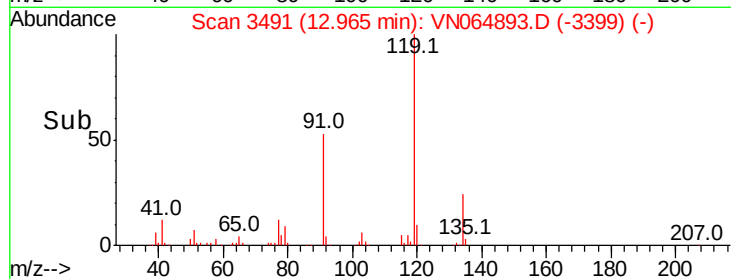
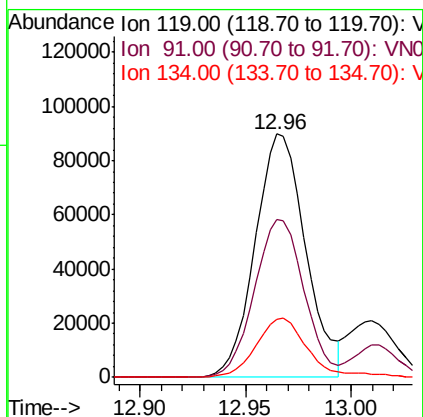
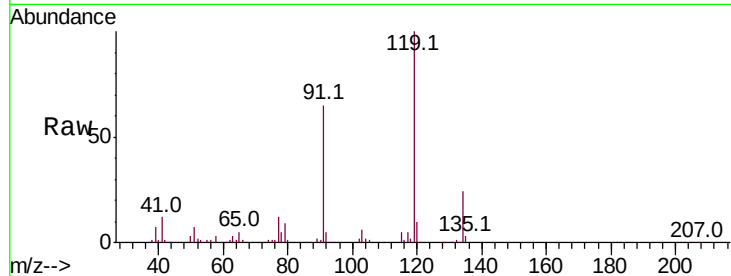




#83
 tert-Butylbenzene
 Concen: 20.721 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

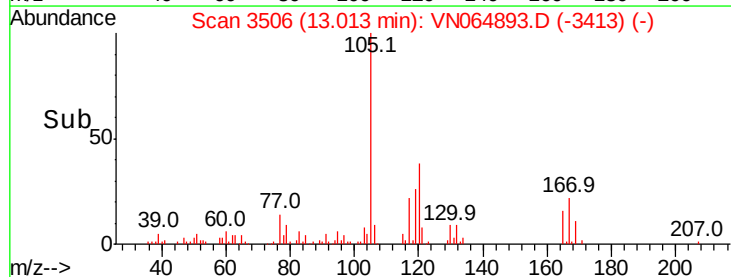
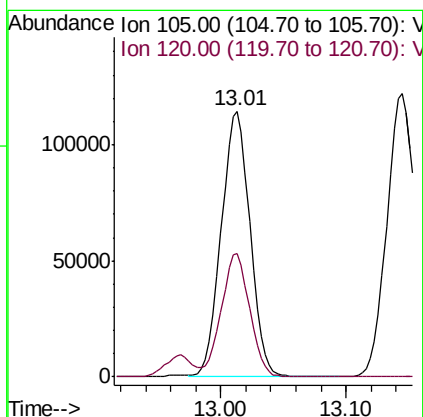
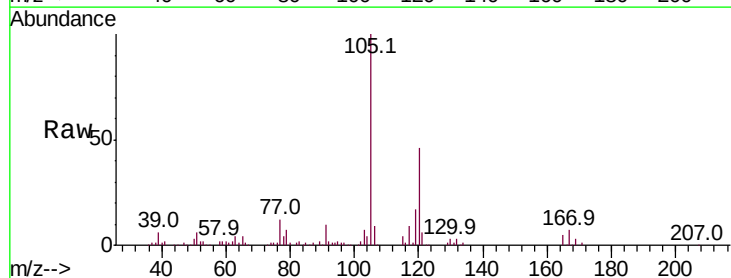
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

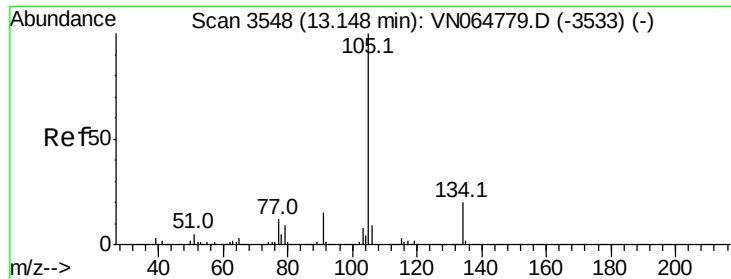
Tot Ion	Ratio	Lower	Upper
119	100		
91	63.9	32.3	96.8
134	24.9	12.6	37.6



#84
 1,2,4-Trimethylbenzene
 Concen: 20.862 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.2





#85

sec-Butylbenzene

Concen: 20.622 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampled :

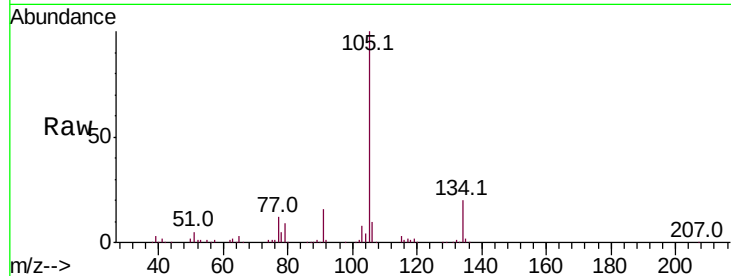
VN1203WBSD01

Tot Ion:105 Resp: 198211

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

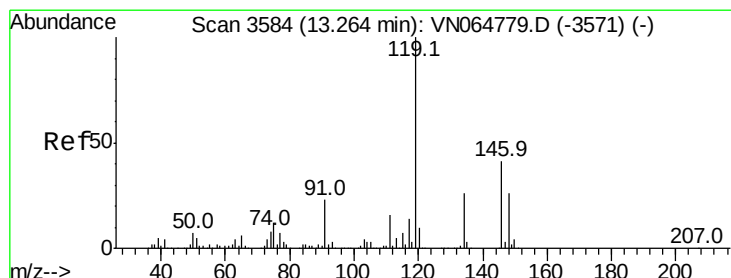
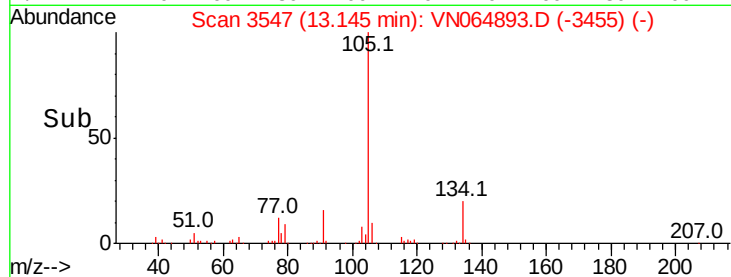
100000

50000

0

Time-->

13.10 13.20



#86

p-Isopropyltoluene

Concen: 20.707 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

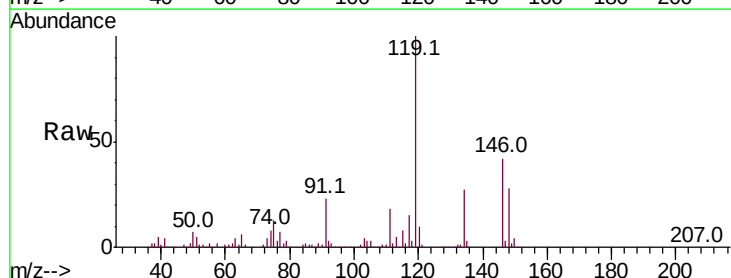
Tgt Ion:119 Resp: 181201

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 23.0 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

150000

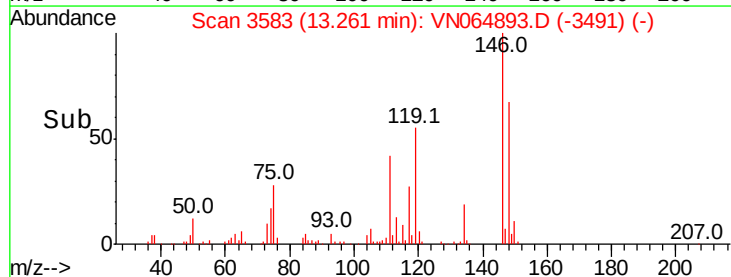
100000

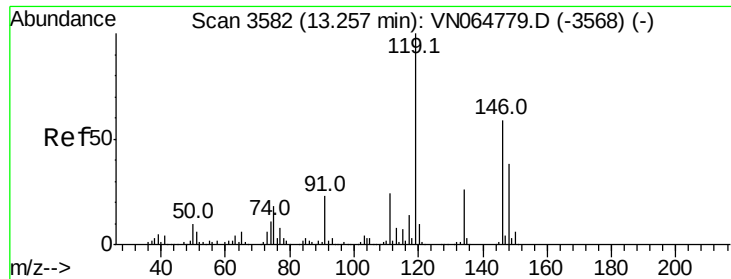
50000

0

Time-->

13.20 13.25 13.30 13.35

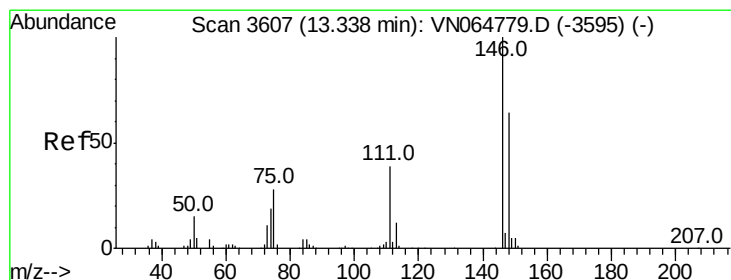
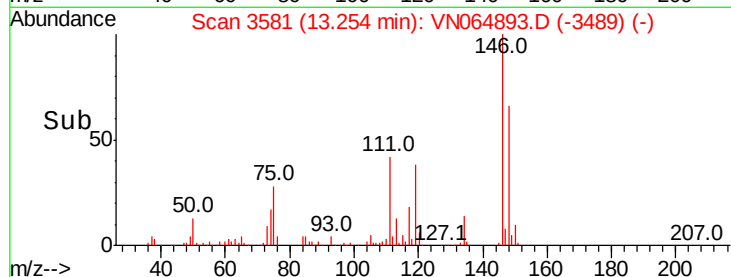
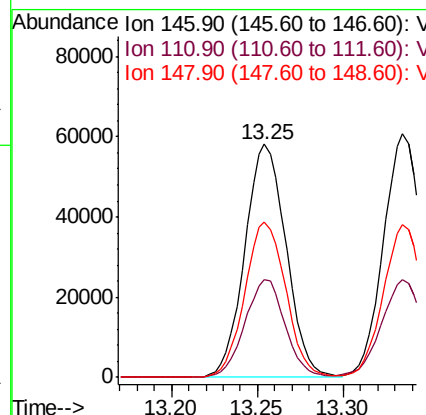
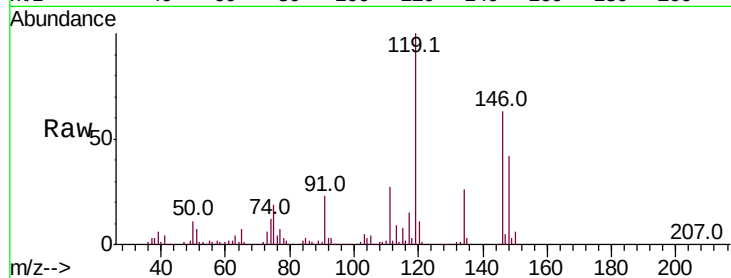




#87
 1,3-Dichlorobenzene
 Concen: 19.433 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

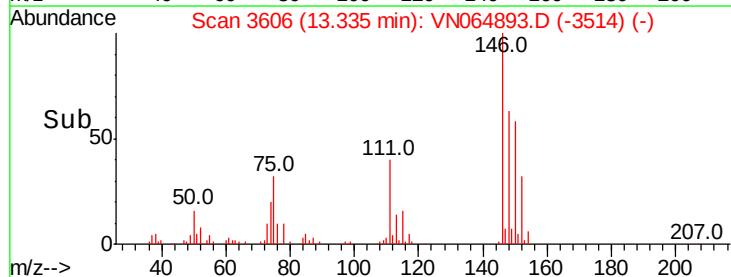
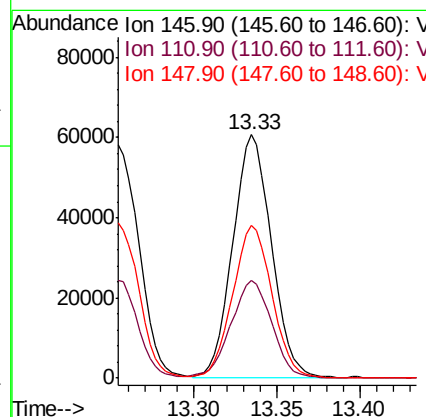
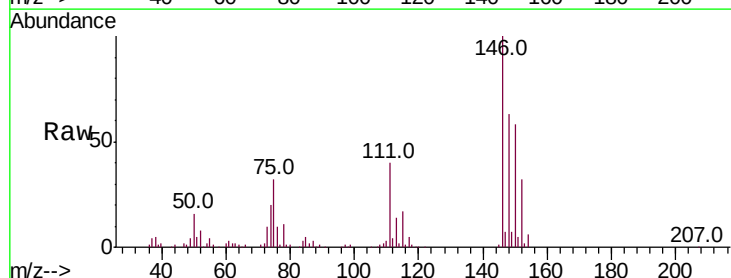
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

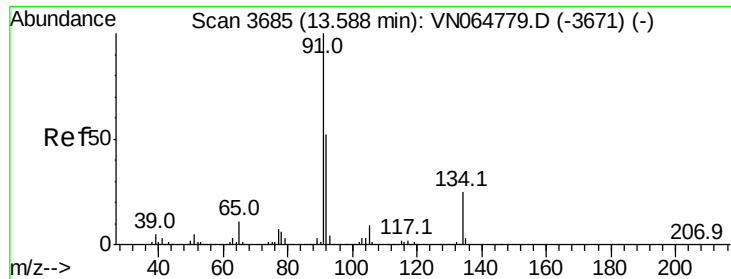
Tot Ion:146 Resp: 96714
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.9
 148 66.0 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 18.602 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Tgt Ion:146 Resp: 97908
 Ion Ratio Lower Upper
 146 100
 111 42.7 19.8 59.3
 148 64.5 31.9 95.5

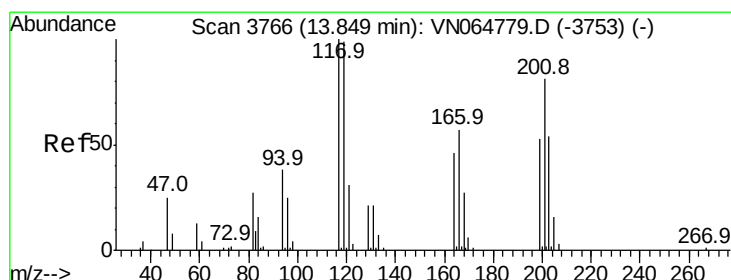
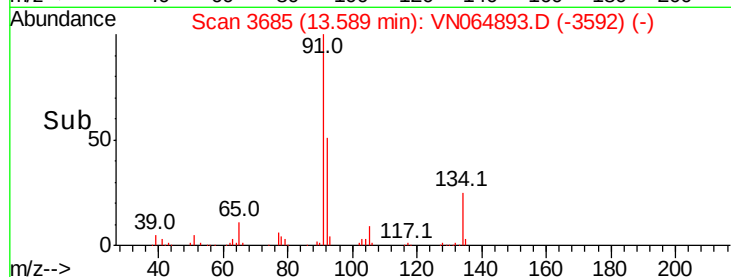
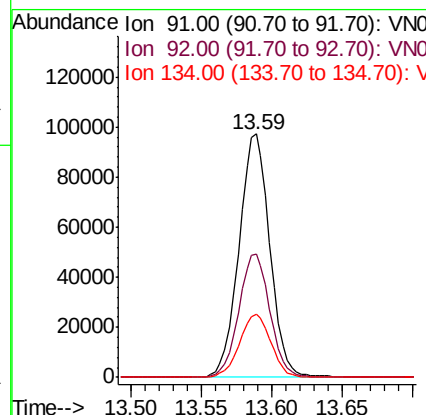
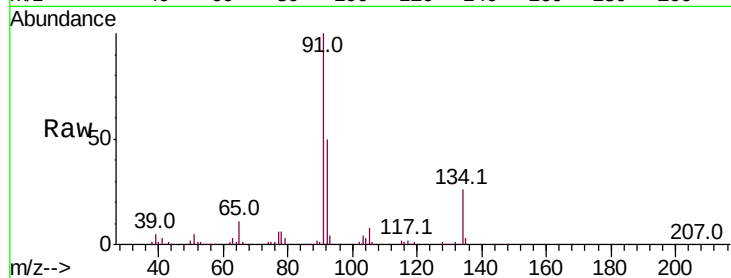




#89
n-Butylbenzene
Concen: 19.375 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

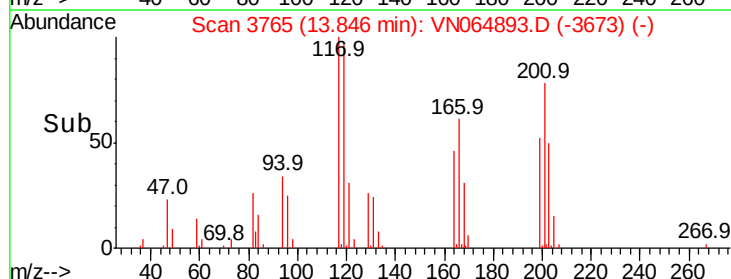
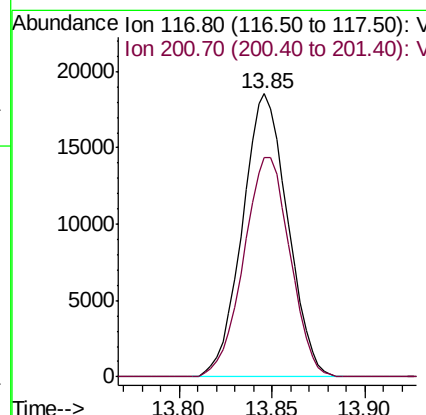
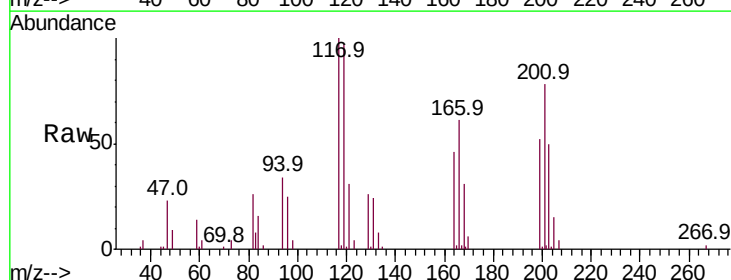
Instrument :
MSVOA_N
ClientSampleId :
VN1203WBSD01

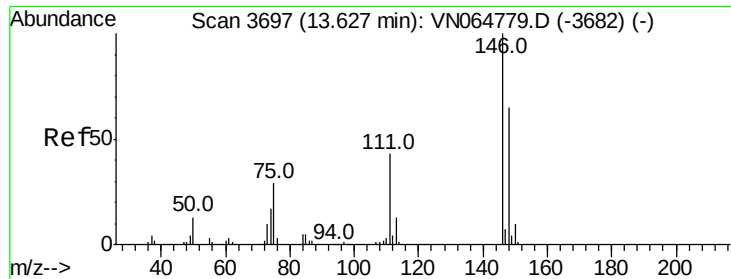
Tot Ion: 91 Resp: 148890
Ion Ratio Lower Upper
91 100
92 50.9 26.0 78.0
134 26.2 12.9 38.6



#90
Hexachloroethane
Concen: 20.635 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064893.D
Acq: 3 Dec 2020 12:42

Tgt Ion: 117 Resp: 31368
Ion Ratio Lower Upper
117 100
201 79.5 40.1 120.3

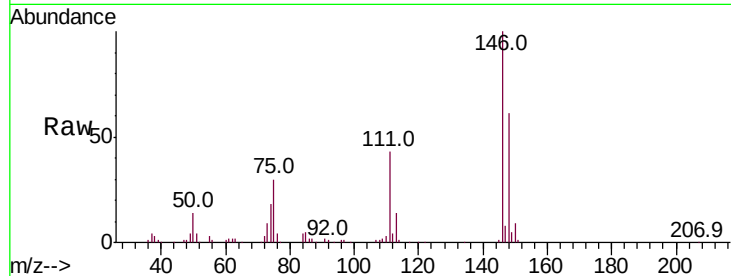




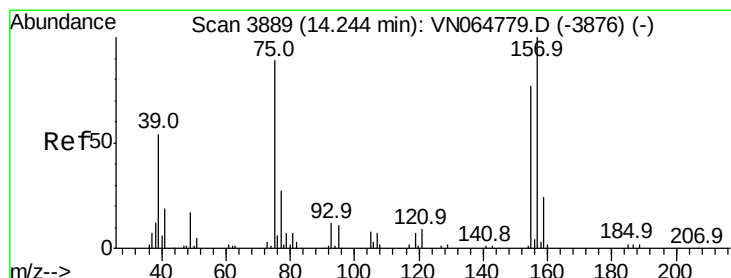
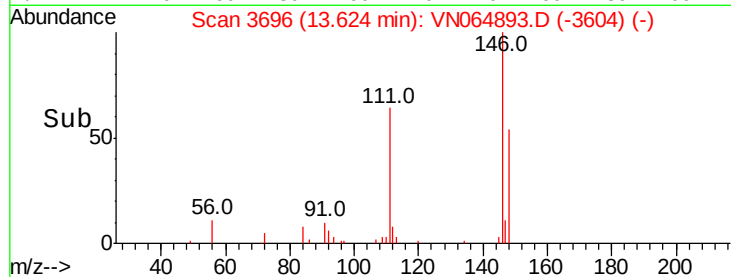
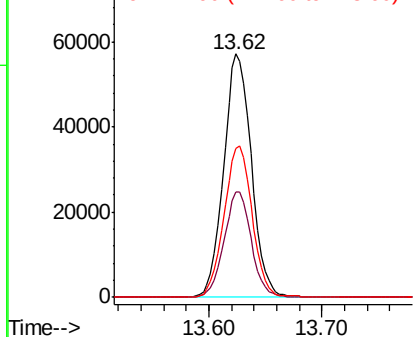
#91
 1,2-Dichlorobenzene
 Concen: 19.995 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

Tot Ion:146 Resp: 97710
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.1 63.1
 148 62.8 32.0 96.2

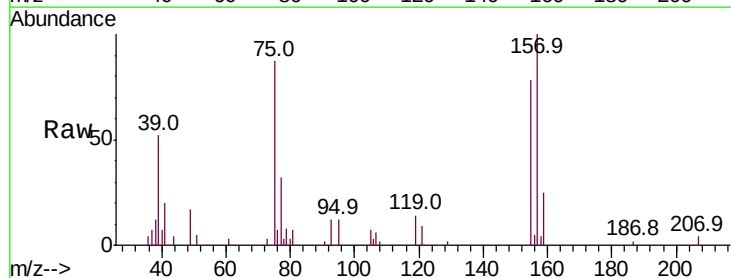


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

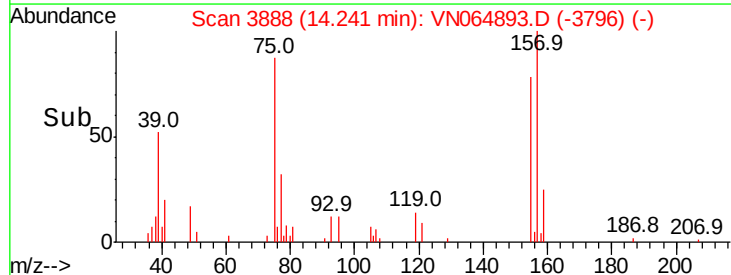
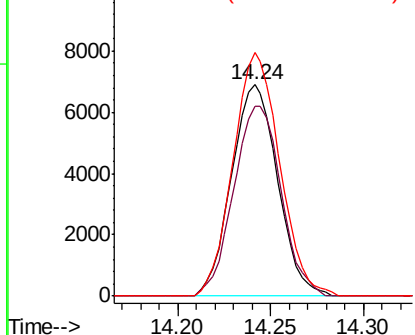


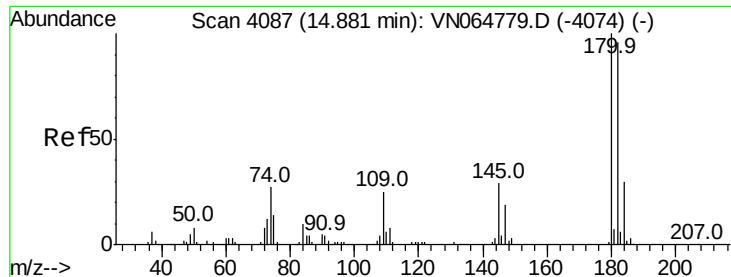
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.410 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Tgt Ion: 75 Resp: 11930
 Ion Ratio Lower Upper
 75 100
 155 92.0 42.8 128.3
 157 116.1 56.4 169.1



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

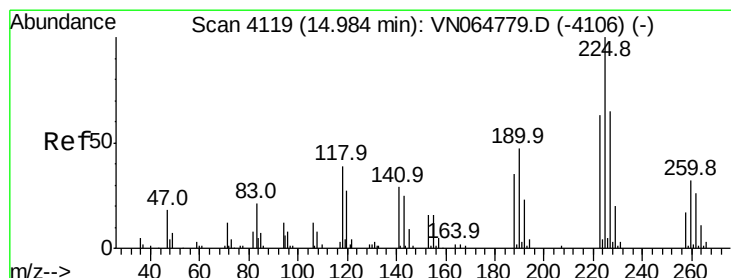
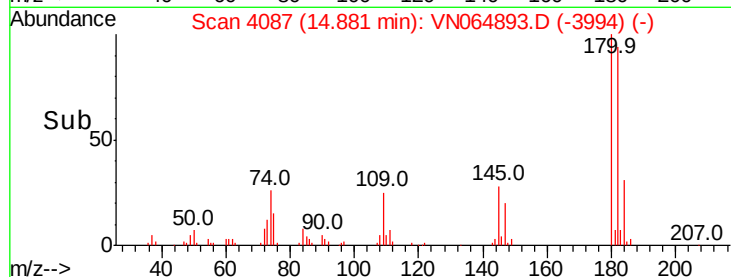
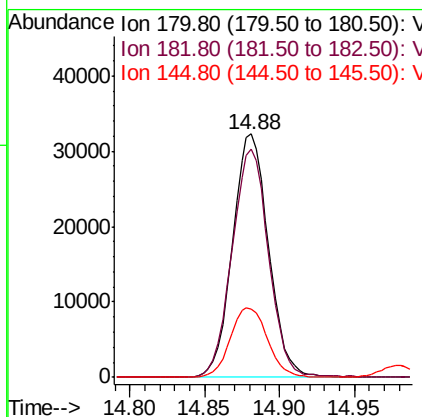
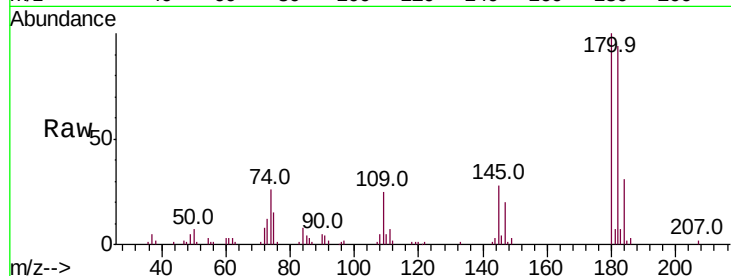




#93
 1,2,4-Trichlorobenzene
 Concen: 17.875 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

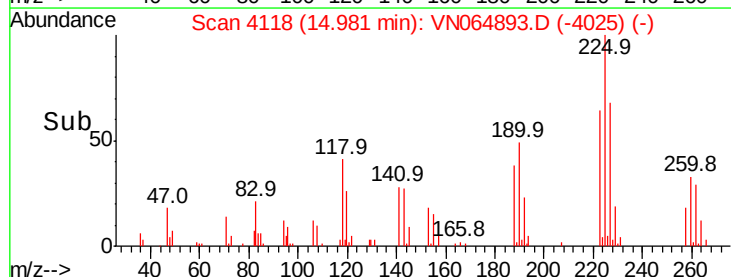
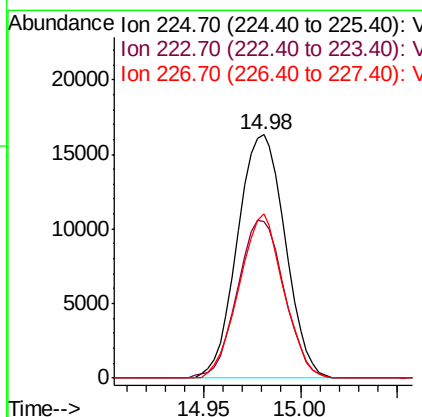
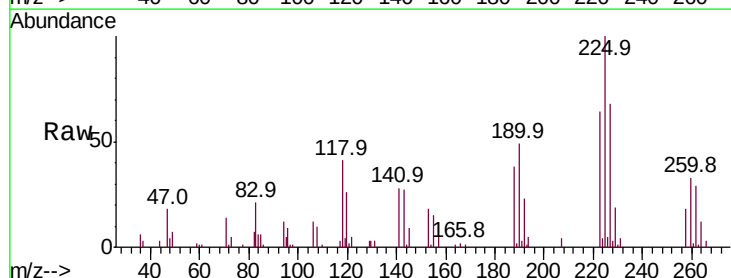
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1203WBSD01

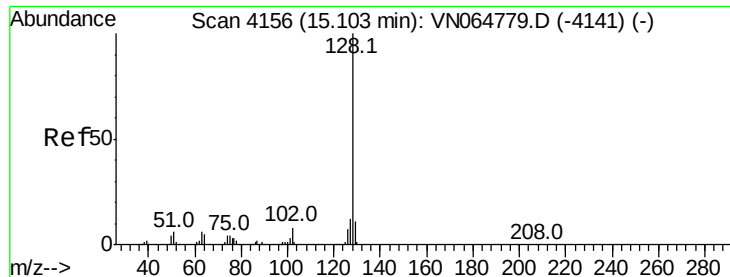
Tot Ion:180 Resp: 54037
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.9
 145 29.5 15.3 45.8



#94
 Hexachlorobutadiene
 Concen: 20.796 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064893.D
 Acq: 3 Dec 2020 12:42

Tgt Ion:225 Resp: 28011
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.0 93.0
 227 63.1 32.0 96.0





#95

Naphthalene

Concen: 16.703 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

Instrument :

MSVOA_N

ClientSampleId :

VN1203WBSD01

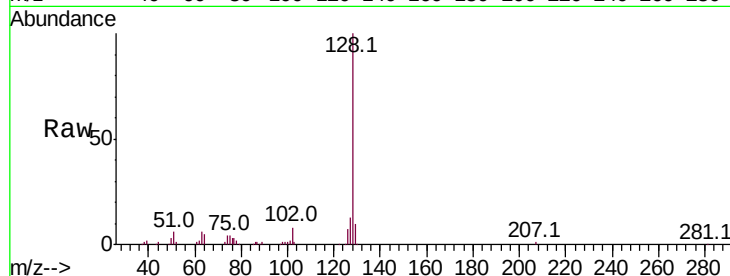
Tot Ion:128 Resp: 151274

Ion Ratio Lower Upper

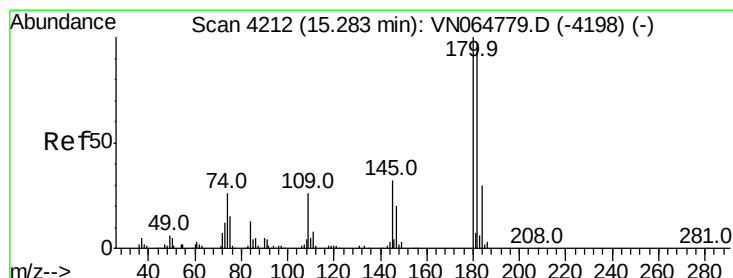
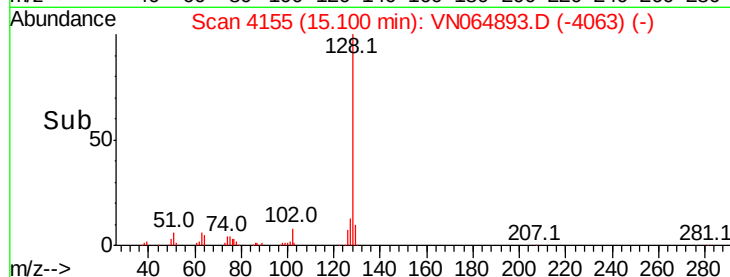
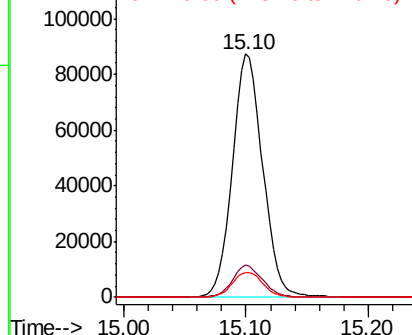
128 100

127 13.1 10.3 15.5

129 10.5 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 19.115 ug/l

RT: 15.28 min Scan# 4211

Delta R.T. -0.00 min

Lab File: VN064893.D

Acq: 3 Dec 2020 12:42

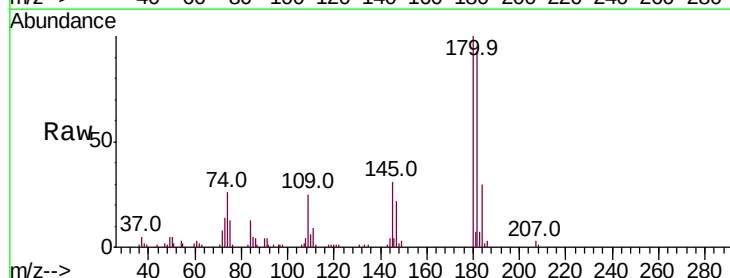
Tgt Ion:180 Resp: 52373

Ion Ratio Lower Upper

180 100

182 93.4 48.1 144.4

145 31.9 16.4 49.1



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

