

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020420\
 Data File : VN059988.D
 Acq On : 4 Feb 2020 12:29
 Operator : JC/MD
 Sample : VN0204WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

Quant Time: Feb 05 01:19:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	294505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	269706	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	131847	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	114802	54.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.02%	
35) Dibromofluoromethane	7.56	113	94932	54.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.10%	
50) Toluene-d8	10.08	98	357612	52.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.10%	
62) 4-Bromofluorobenzene	12.40	95	132056	53.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	37505	16.423	ug/l	99
3) Chloromethane	2.04	50	37739	17.381	ug/l	100
4) Vinyl Chloride	2.17	62	48789	19.639	ug/l	100
5) Bromomethane	2.55	94	30593	20.179	ug/l	99
6) Chloroethane	2.69	64	22923	19.504	ug/l	98
7) Trichlorofluoromethane	3.00	101	58640	19.655	ug/l	99
8) Diethyl Ether	3.38	74	21123	20.174	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	3.74	101	33638	20.258	ug/l	92
10) Methyl Iodide	3.93	142	40901	15.239	ug/l	95
11) Tert butyl alcohol	4.73	59	35023	98.782	ug/l	98
12) 1,1-Dichloroethene	3.72	96	32636	18.810	ug/l	91
13) Acrolein	3.58	56	13191	52.558	ug/l	98
14) Allyl chloride	4.29	41	46079	19.703	ug/l #	87
15) Acrylonitrile	4.95	53	82155	101.582	ug/l	99
16) Acetone	3.78	43	84434	112.017	ug/l	98
17) Carbon Disulfide	4.03	76	77991	15.779	ug/l	99
18) Methyl Acetate	4.29	43	51344	20.871	ug/l	91
19) Methyl tert-butyl Ether	5.00	73	120364	21.277	ug/l	95
20) Methylene Chloride	4.52	84	38071	19.183	ug/l	89
21) trans-1,2-Dichloroethene	5.01	96	35044	19.001	ug/l	90
22) Diisopropyl ether	5.91	45	111572	21.052	ug/l	87
23) Vinyl Acetate	5.86	43	420047	102.366	ug/l	95
24) 1,1-Dichloroethane	5.82	63	64393	19.884	ug/l	97
25) 2-Butanone	6.80	43	114123	95.687	ug/l	92
26) 2,2-Dichloropropane	6.79	77	62943	20.218	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	42987	20.264	ug/l	89
28) Bromochloromethane	7.17	49	27014	20.871	ug/l #	75
29) Tetrahydrofuran	7.18	42	72569	98.342	ug/l #	87
30) Chloroform	7.35	83	70536	21.022	ug/l	99
31) Cyclohexane	7.63	56	56943	18.274	ug/l	87
32) 1,1,1-Trichloroethane	7.54	97	64012	20.633	ug/l	96
36) 1,1-Dichloropropene	7.77	75	49501	19.301	ug/l	96
37) Ethyl Acetate	6.90	43	47619	19.797	ug/l	97
38) Carbon Tetrachloride	7.75	117	55336	19.835	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	58971	18.648	ug/l	92
40) Benzene	8.02	78	149257	19.514	ug/l	98
41) Methacrylonitrile	7.18	41	67845	57.262	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	54995	21.206	ug/l	97
43) Isopropyl Acetate	8.14	43	82084	19.839	ug/l	95
44) Trichloroethene	8.82	130	43354	20.763	ug/l	96
45) 1,2-Dichloropropane	9.10	63	39602	20.924	ug/l	99
46) Dibromomethane	9.19	93	27444	20.556	ug/l	94
47) Bromodichloromethane	9.38	83	55936	20.790	ug/l	100
48) Methyl methacrylate	9.18	41	35341	19.096	ug/l	91
49) 1,4-Dioxane	9.18	88	13878	409.635	ug/l	91
51) 4-Methyl-2-Pentanone	9.97	43	240214	100.436	ug/l	96
52) Toluene	10.14	92	97251	20.129	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	62949	20.954	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	65894	20.847	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	39989	20.899	ug/l	97
56) Ethyl methacrylate	10.42	69	55806	19.087	ug/l	95
57) 1,3-Dichloropropane	10.70	76	65137	21.442	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	96645	109.742	ug/l	93
59) 2-Hexanone	10.74	43	174793	99.202	ug/l	95
60) Dibromochloromethane	10.89	129	45033	20.667	ug/l	100
61) 1,2-Dibromoethane	11.00	107	40961	20.424	ug/l	100
64) Tetrachloroethene	10.62	164	44298	20.153	ug/l	96
65) Chlorobenzene	11.43	112	107566	20.291	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	42515	20.756	ug/l	99
67) Ethyl Benzene	11.50	91	191217	19.870	ug/l	97
68) m/p-Xylenes	11.62	106	143976	39.607	ug/l	95
69) o-Xylene	11.94	106	70542	19.822	ug/l	94
70) Styrene	11.96	104	111417	18.709	ug/l	96
71) Bromoform	12.12	173	33415	20.365	ug/l #	100
73) Isopropylbenzene	12.25	105	190705	19.722	ug/l	100
74) N-amyl acetate	12.07	43	70671	18.835	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	55587	19.830	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	75052	33.825	ug/l #	100
77) Bromobenzene	12.52	156	48096	19.641	ug/l	84
78) n-propylbenzene	12.59	91	213672	19.688	ug/l	97
79) 2-Chlorotoluene	12.67	91	127538	19.753	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	157767	19.400	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	19818	19.181	ug/l	95
82) 4-Chlorotoluene	12.77	91	128140	19.787	ug/l	96
83) tert-Butylbenzene	12.99	119	139043	19.769	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	158016	19.641	ug/l	98
85) sec-Butylbenzene	13.17	105	182496	19.749	ug/l	99
86) p-Isopropyltoluene	13.29	119	164648	19.256	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	85037	19.992	ug/l	97
88) 1,4-Dichlorobenzene	13.36	146	83465	19.670	ug/l	98
89) n-Butylbenzene	13.61	91	144453	19.814	ug/l	99
90) Hexachloroethane	13.87	117	30555	19.100	ug/l	91
91) 1,2-Dichlorobenzene	13.65	146	84045	19.986	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	11688	18.093	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	48881	19.345	ug/l	99
94) Hexachlorobutadiene	15.01	225	27096	19.460	ug/l	99
95) Naphthalene	15.13	128	132062	18.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	48035	19.531	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

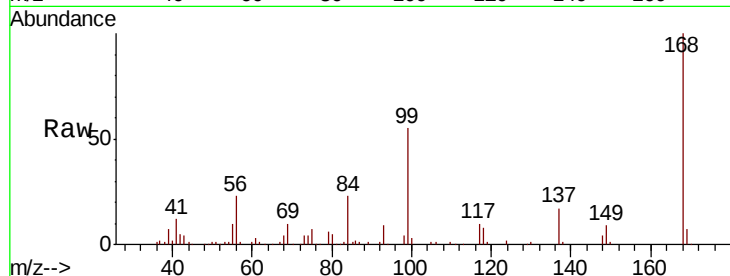
VN0204WBS01

Tot Ion:168 Resp: 189648

Ion Ratio Lower Upper

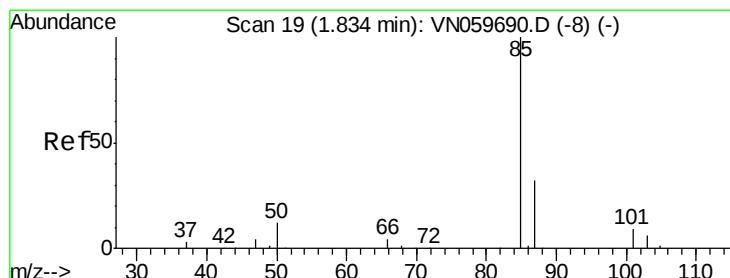
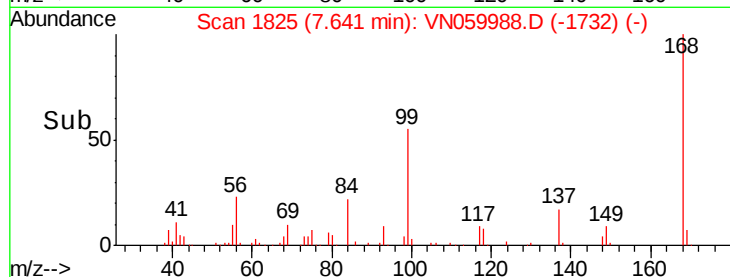
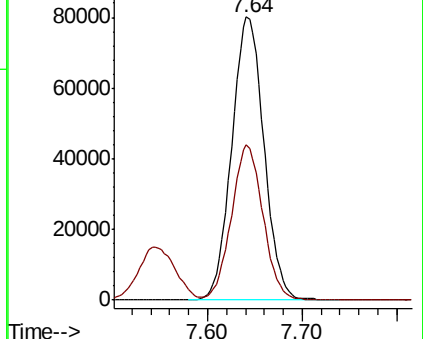
168 100

99 54.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 16.423 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059988.D

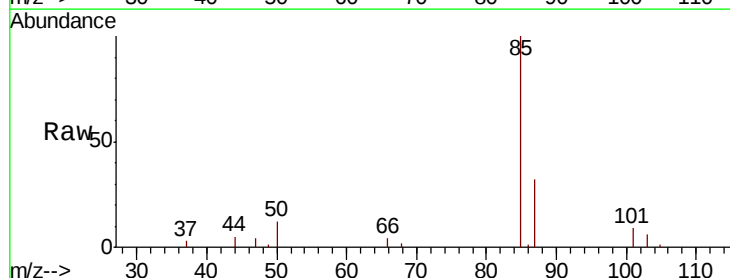
Acq: 4 Feb 2020 12:29

Tgt Ion: 85 Resp: 37505

Ion Ratio Lower Upper

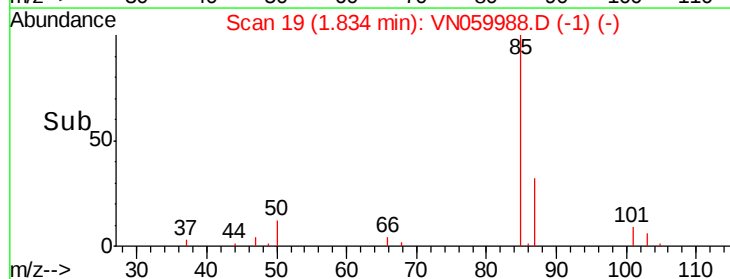
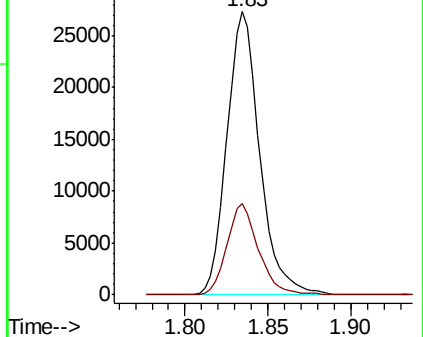
85 100

87 32.1 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

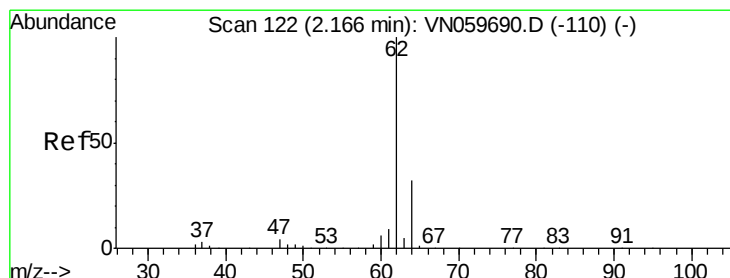
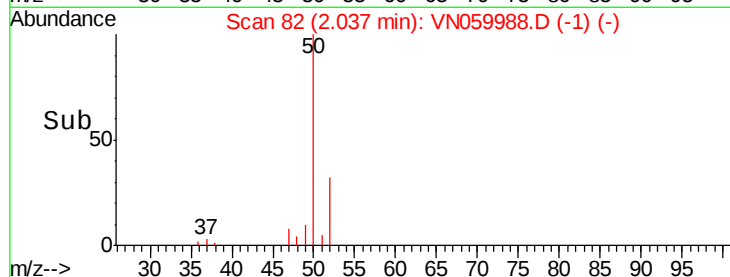
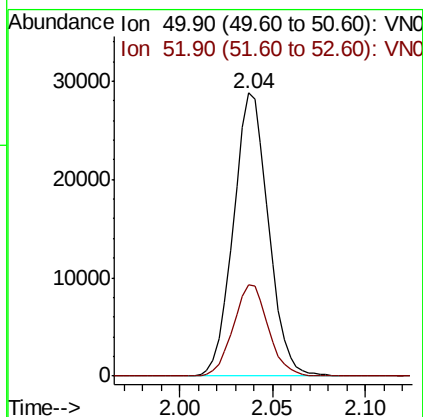
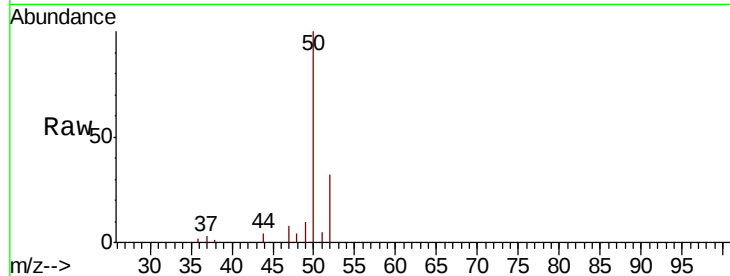




#3
Chloromethane
Concen: 17.381 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

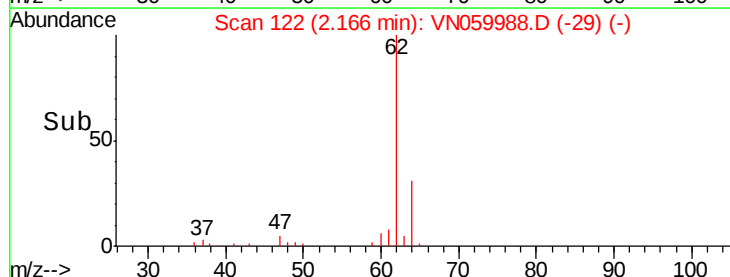
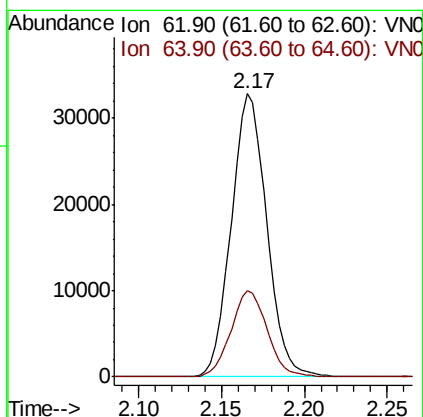
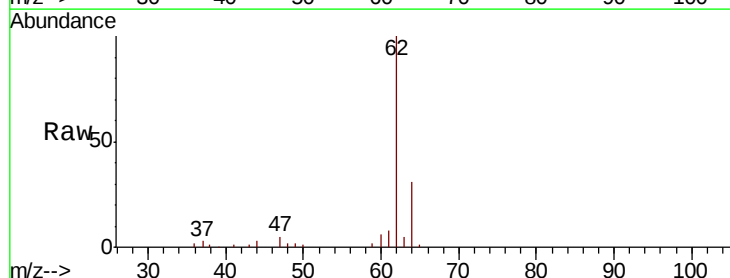
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

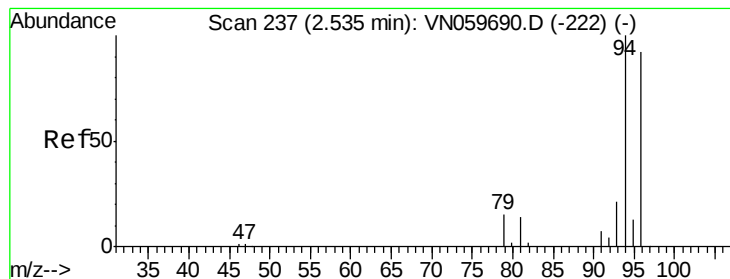
Tot Ion: 50 Resp: 37739
Ion Ratio Lower Upper
50 100
52 32.4 25.9 38.9



#4
Vinyl Chloride
Concen: 19.639 ug/l
RT: 2.17 min Scan# 122
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 62 Resp: 48789
Ion Ratio Lower Upper
62 100
64 30.7 24.6 37.0





#5

Bromomethane

Concen: 20.179 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

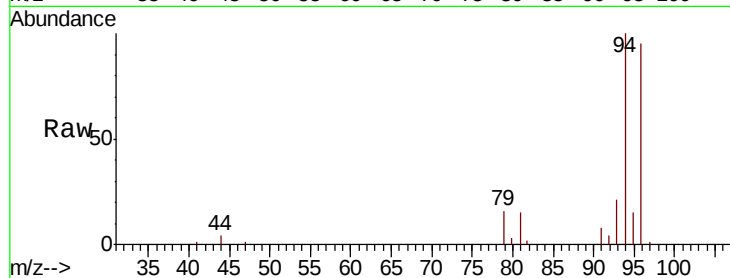
VN0204WBS01

Tot Ion: 94 Resp: 30593

Ion Ratio Lower Upper

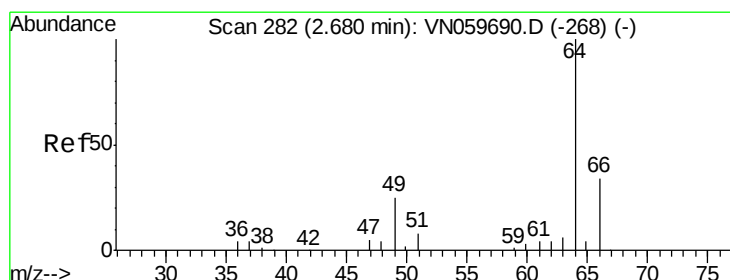
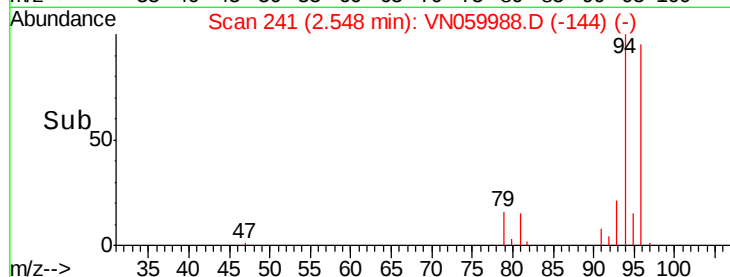
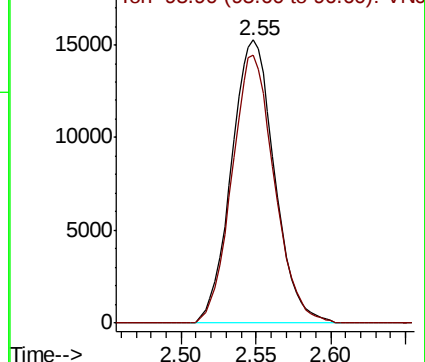
94 100

96 94.7 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.504 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.01 min

Lab File: VN059988.D

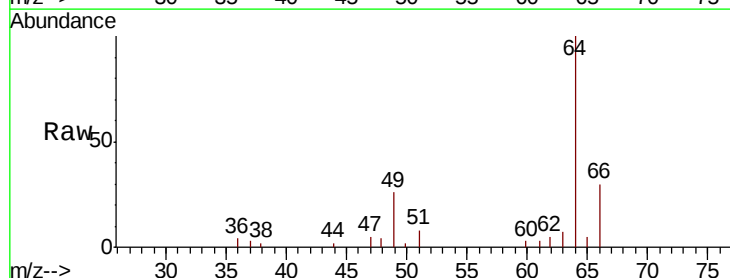
Acq: 4 Feb 2020 12:29

Tgt Ion: 64 Resp: 22923

Ion Ratio Lower Upper

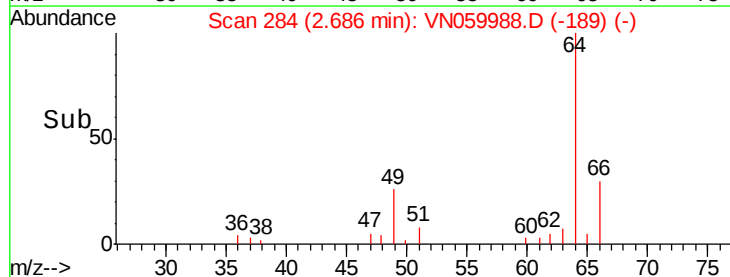
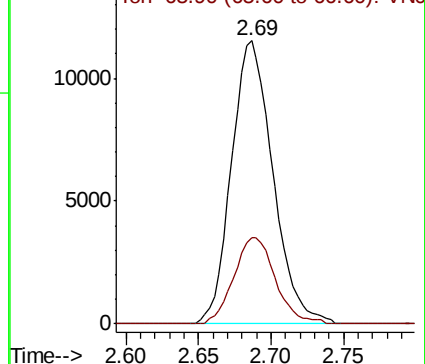
64 100

66 30.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



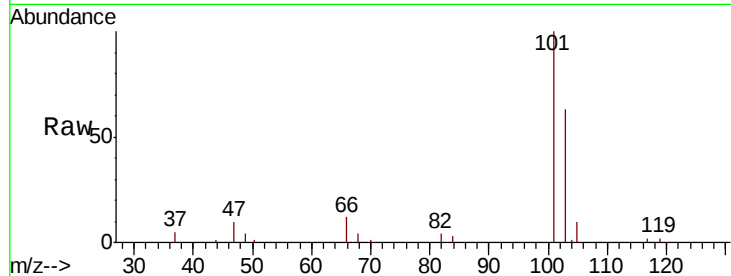


#7

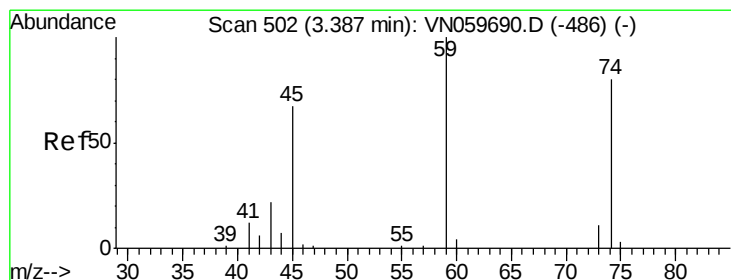
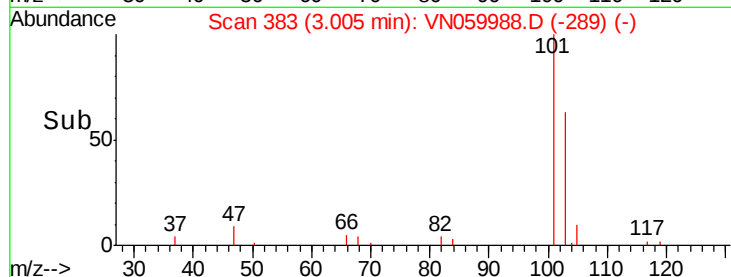
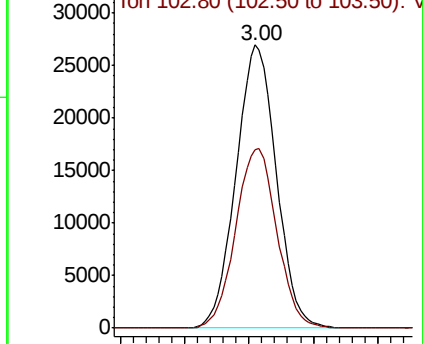
Trichlorofluoromethane
Concen: 19.655 ug/l
RT: 3.00 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Instrument :
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VN0204WBS01

Tot Ion:101 Resp: 58640
Ion Ratio Lower Upper
101 100
103 63.2 51.0 76.6



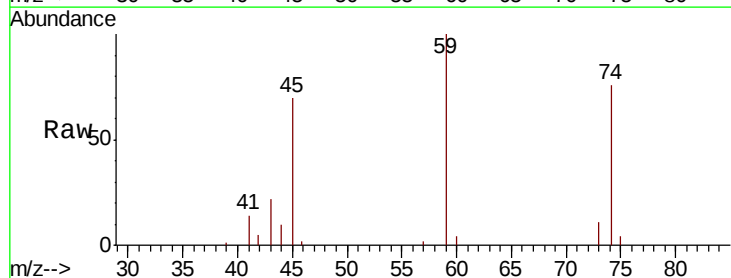
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



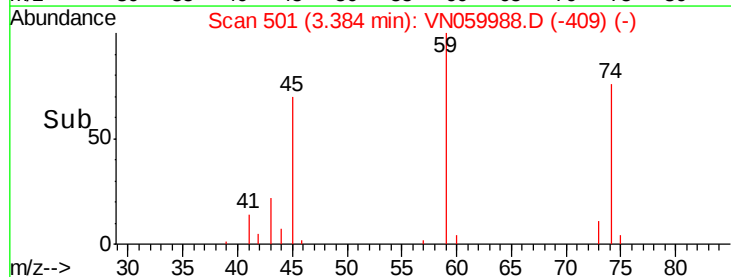
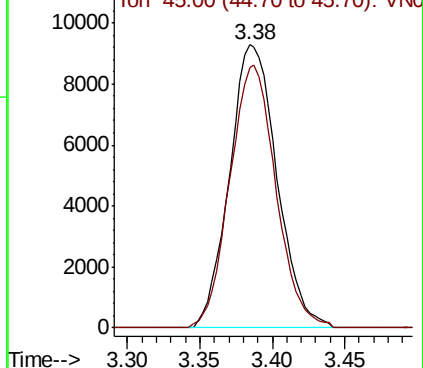
#8

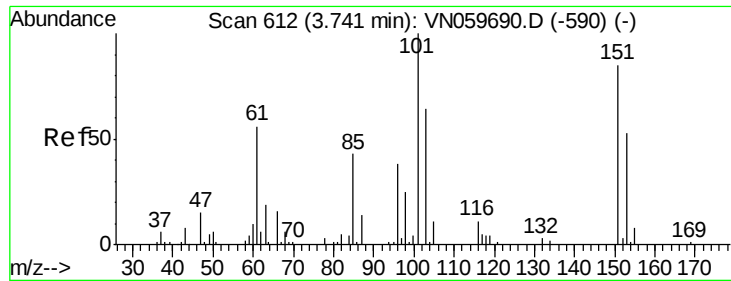
Diethyl Ether
Concen: 20.174 ug/l
RT: 3.38 min Scan# 501
Delta R.T. -0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 74 Resp: 21123
Ion Ratio Lower Upper
74 100
45 90.2 51.9 155.8



Abundance Ion 74.00 (73.70 to 74.70): VNO
Ion 45.00 (44.70 to 45.70): VNO

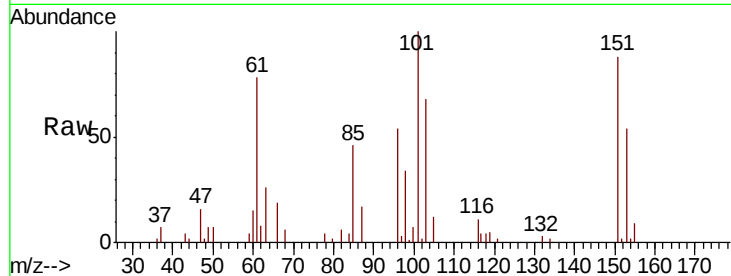




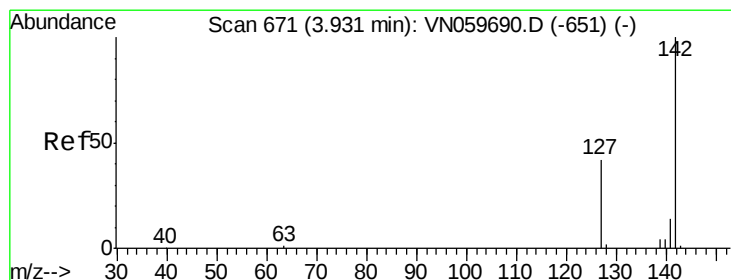
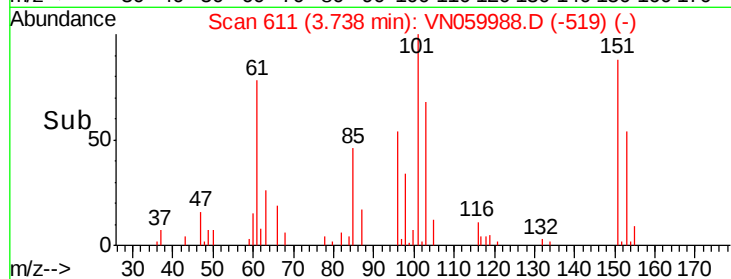
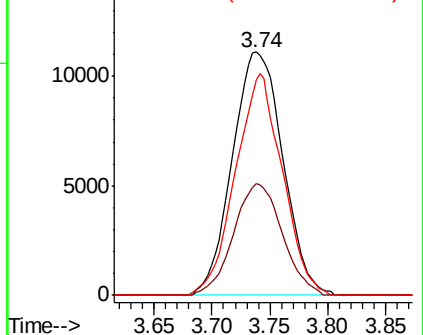
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 20.258 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059988.D
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Tot Ion:101 Resp: 33638
 Ion Ratio Lower Upper
 101 100
 85 44.4 36.6 54.8
 151 84.4 59.7 89.5

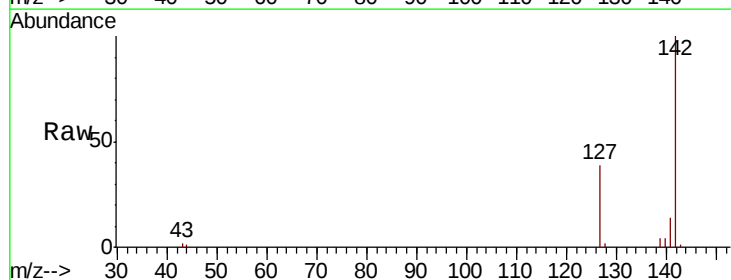


Abundance Ion 100.90 (100.60 to 101.60): V
 15000 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

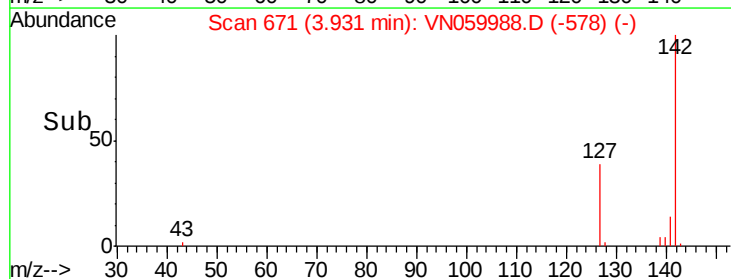
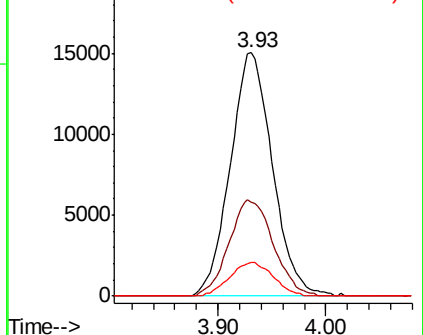


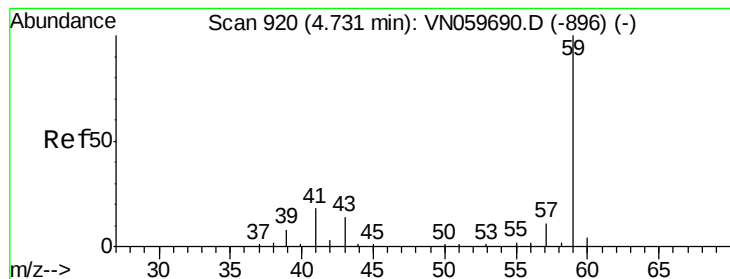
#10
 Methyl Iodide
 Concen: 15.239 ug/l
 RT: 3.93 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: VN059988.D
 Acq: 4 Feb 2020 12:29

Tgt Ion:142 Resp: 40901
 Ion Ratio Lower Upper
 142 100
 127 41.3 36.7 55.1
 141 14.2 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 20000 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



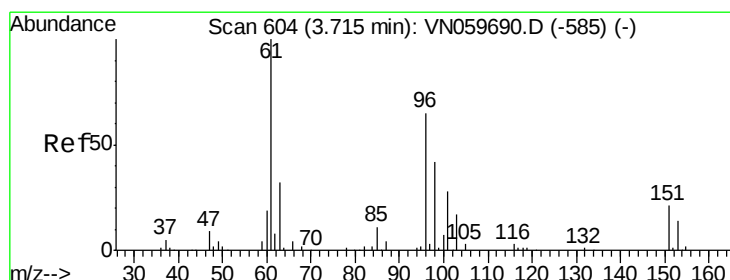
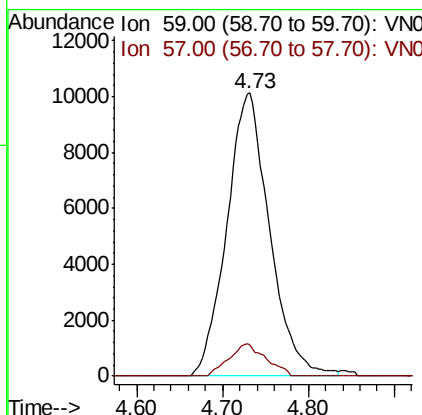
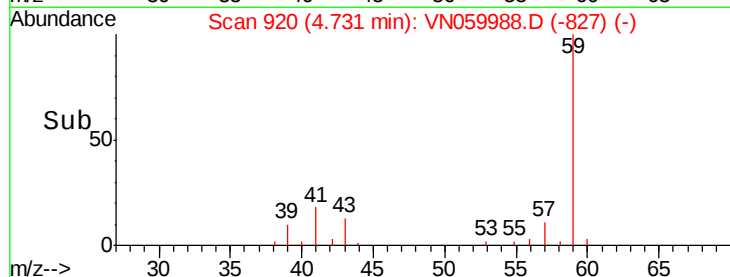
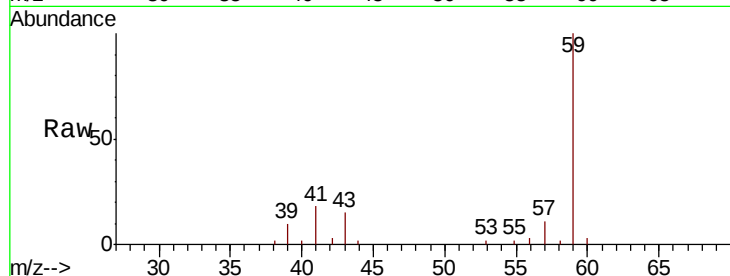


#11

Tert butyl alcohol
 Concen: 98.782 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. 0.00 min
 Lab File: VN059988.D
 Acq: 4 Feb 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

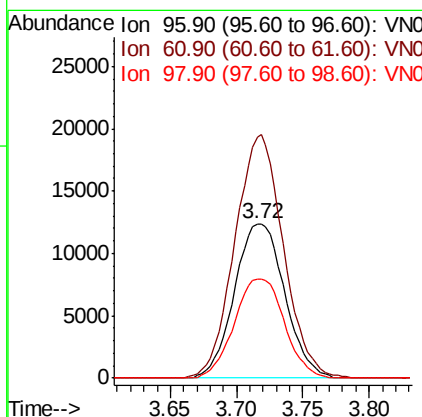
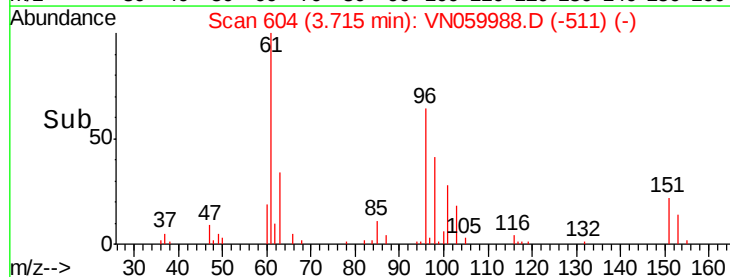
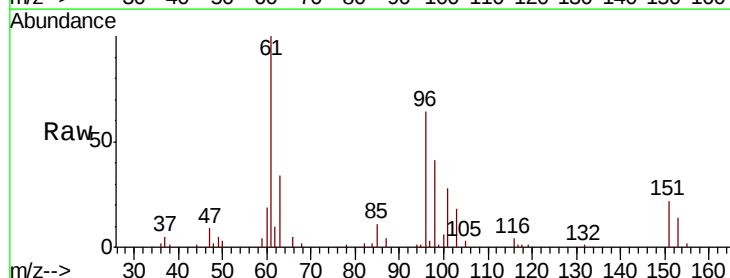
Tot Ion: 59 Resp: 35023
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 18.810 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059988.D
 Acq: 4 Feb 2020 12:29

Tgt Ion: 96 Resp: 32636
 Ion Ratio Lower Upper
 96 100
 61 155.7 137.5 206.3
 98 64.2 50.2 75.4





#13

Acrolein

Concen: 52.558 ug/l

RT: 3.58 min Scan# 563

Delta R.T. 0.01 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

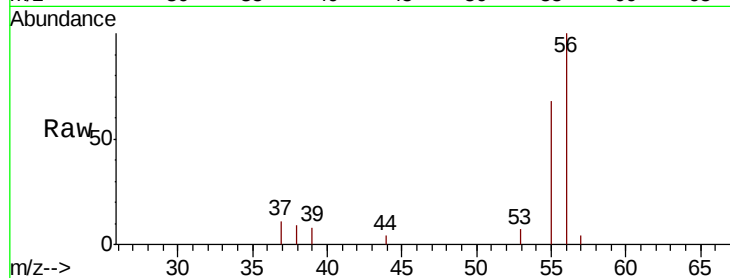
VN0204WBS01

Tot Ion: 56 Resp: 13191

Ion Ratio Lower Upper

56 100

55 71.9 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

6000

5000

4000

3000

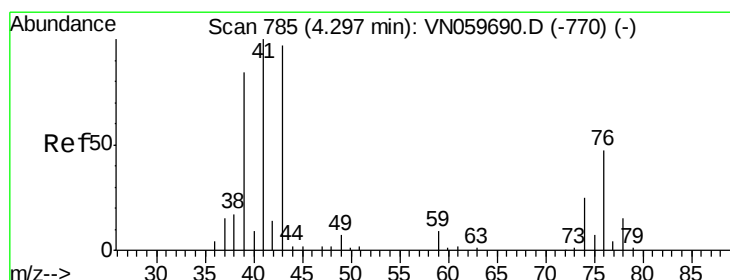
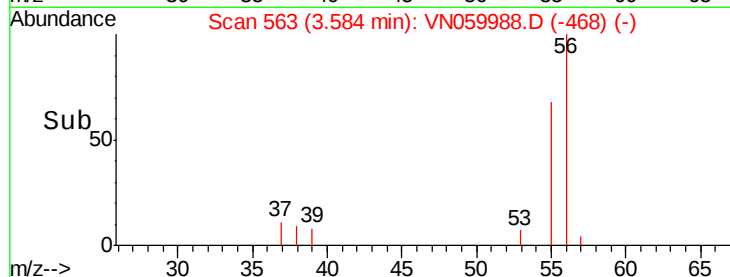
2000

1000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 19.703 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

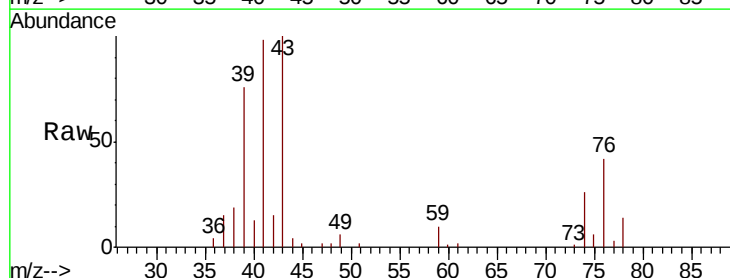
Tgt Ion: 41 Resp: 46079

Ion Ratio Lower Upper

41 100

39 80.9 57.8 86.8

76 42.0 25.4 38.0#



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

4.29

20000

15000

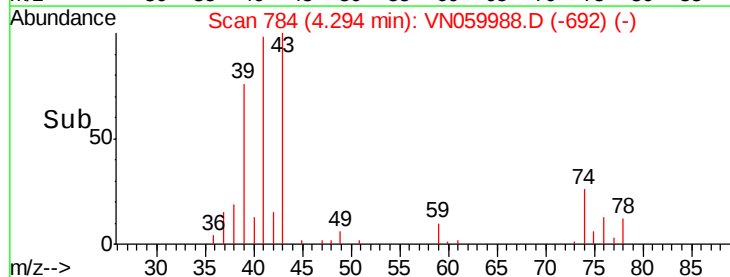
10000

5000

0

Time-->

4.20 4.25 4.30 4.35 4.40





#15

Acrylonitrile

Concen: 101.582 ug/l

RT: 4.95 min Scan# 987

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

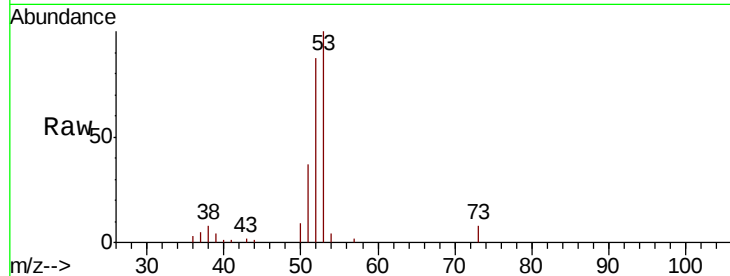
Tot Ion: 53 Resp: 82155

Ion Ratio Lower Upper

53 100

52 83.7 66.3 99.5

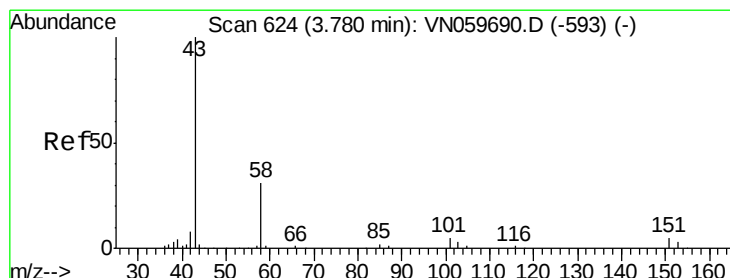
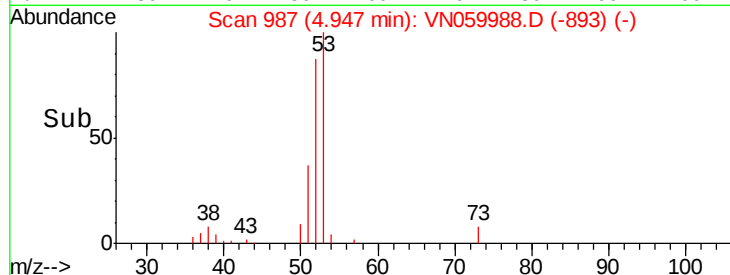
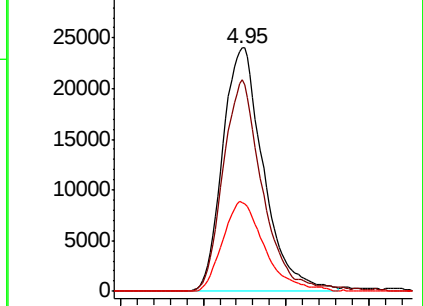
51 37.4 29.7 44.5



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: 112.017 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN059988.D

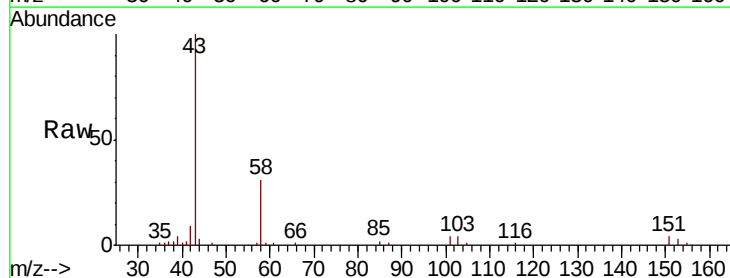
Acq: 4 Feb 2020 12:29

Tgt Ion: 43 Resp: 84434

Ion Ratio Lower Upper

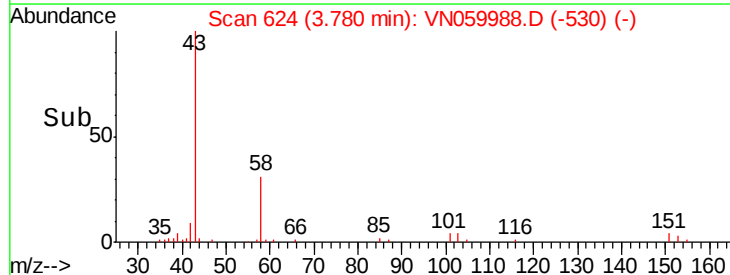
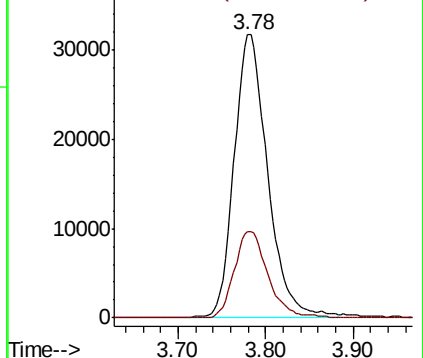
43 100

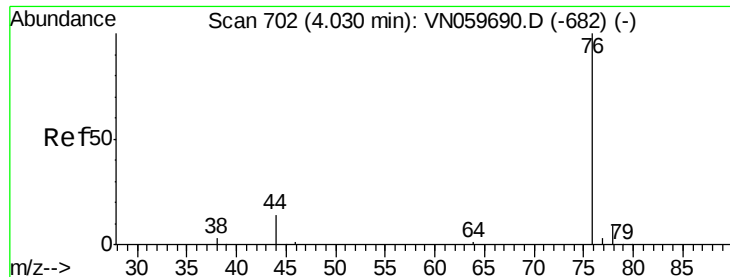
58 30.7 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

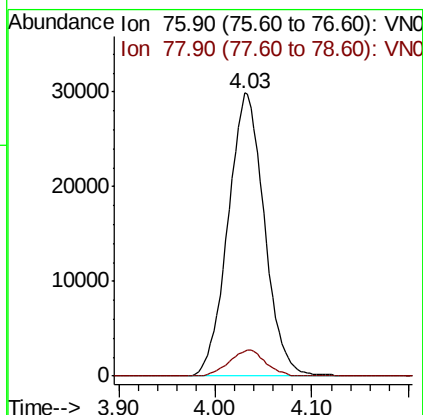
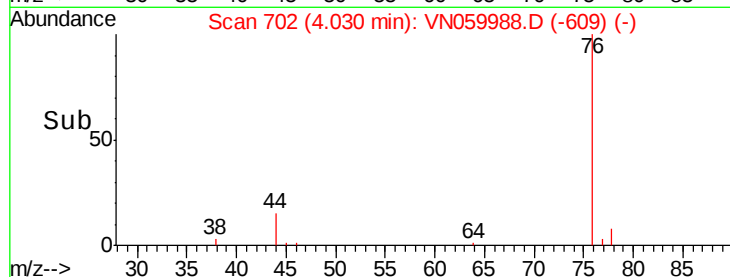
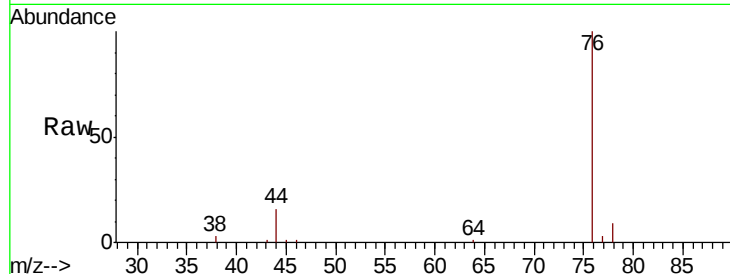




#17
Carbon Disulfide
Concen: 15.779 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

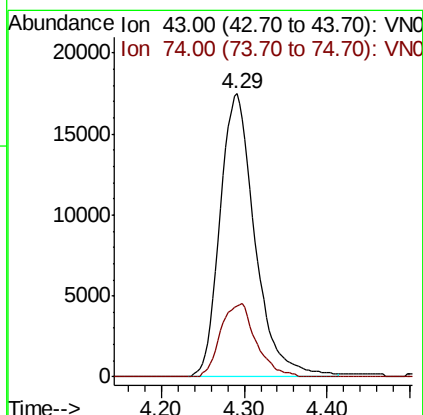
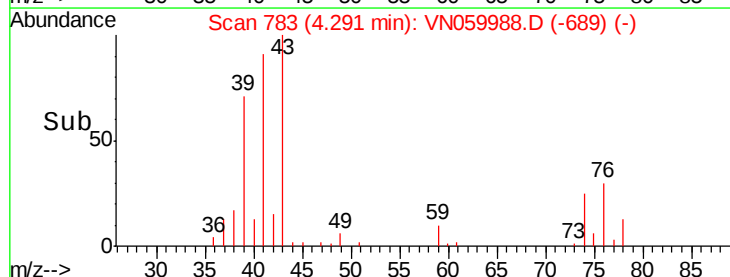
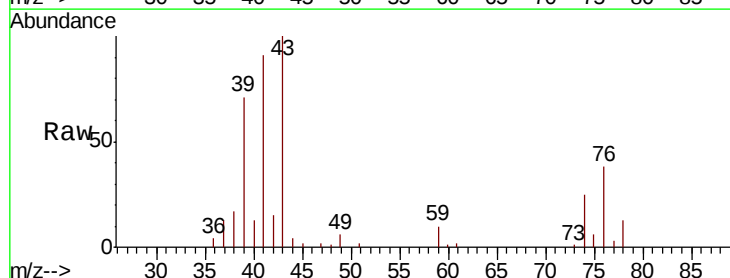
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tot Ion: 76 Resp: 77991
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 20.871 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 43 Resp: 51344
Ion Ratio Lower Upper
43 100
74 26.1 17.5 26.3

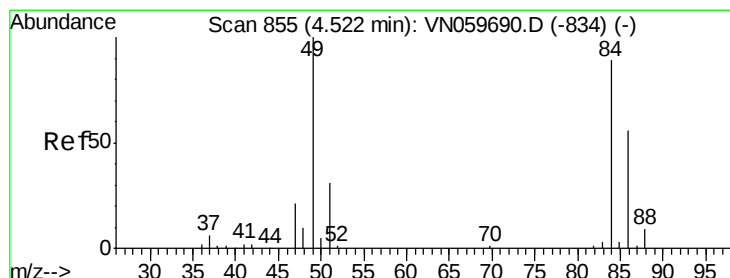
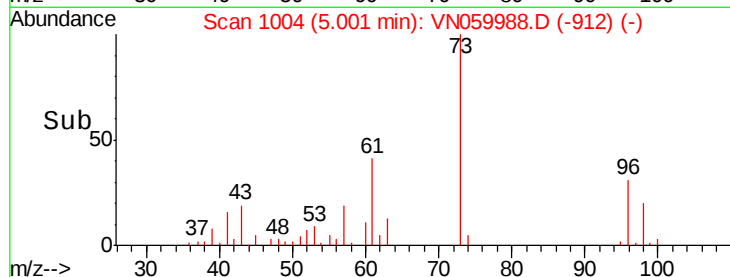
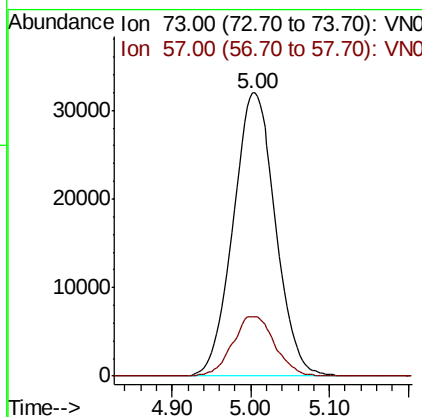
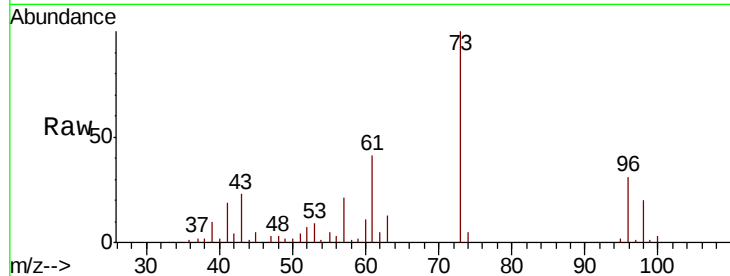




#19
Methvl tert-butvl Ether
Concen: 21.277 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

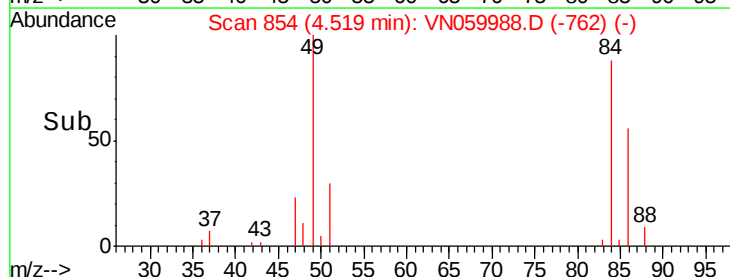
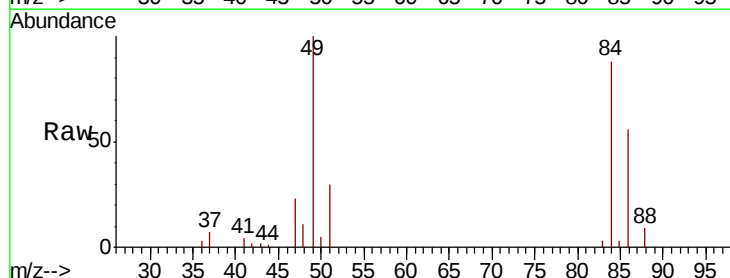
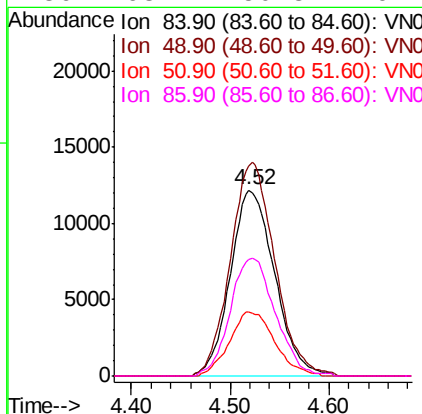
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

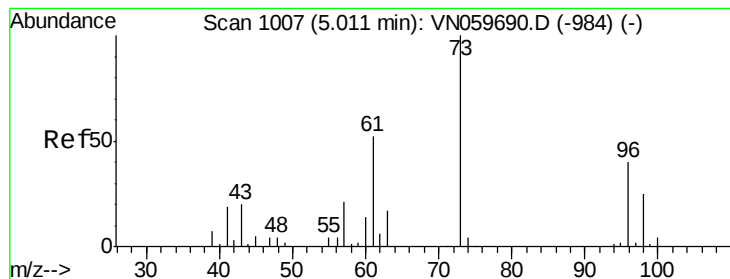
Tot Ion: 73 Resp: 120364
Ion Ratio Lower Upper
73 100
57 20.9 18.6 27.8



#20
Methylene Chloride
Concen: 19.183 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 84 Resp: 38071
Ion Ratio Lower Upper
84 100
49 113.4 106.6 160.0
51 34.3 31.9 47.9
86 63.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 19.001 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

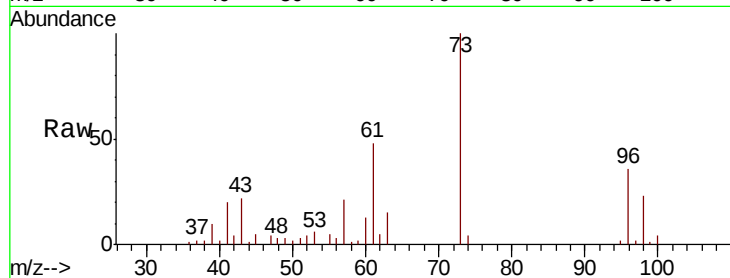
Tot Ion: 96 Resp: 35044

Ion Ratio Lower Upper

96 100

61 132.0 120.4 180.6

98 62.7 50.6 75.8

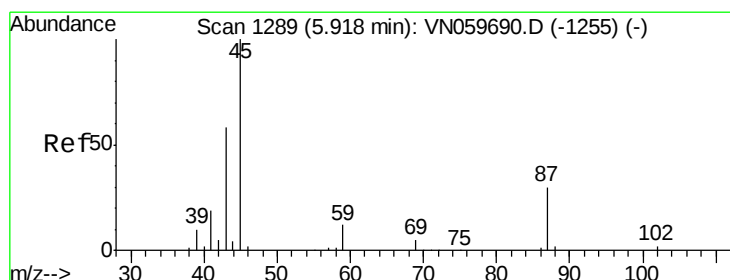
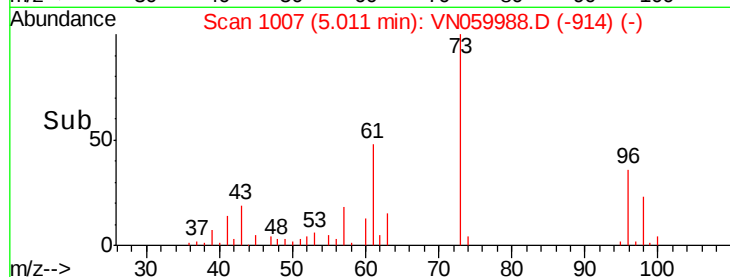
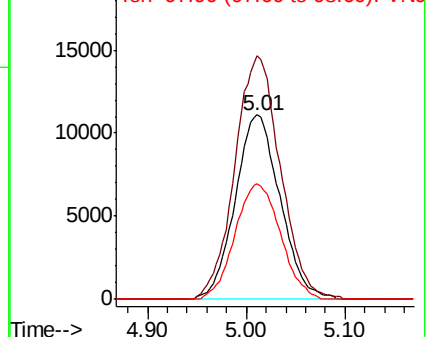


Abundance

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



#22

Diisopropyl ether

Concen: 21.052 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Tgt Ion: 45 Resp: 111572

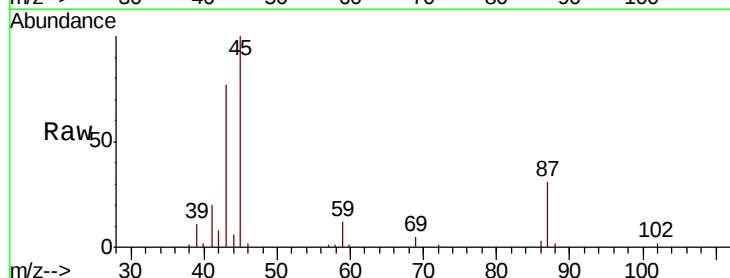
Ion Ratio Lower Upper

45 100

43 75.5 50.8 76.2

87 31.5 21.0 31.6

59 12.4 9.1 13.7



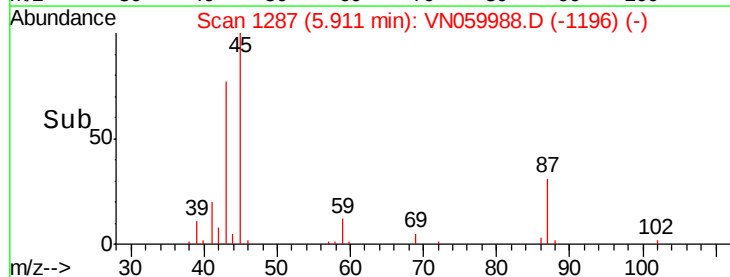
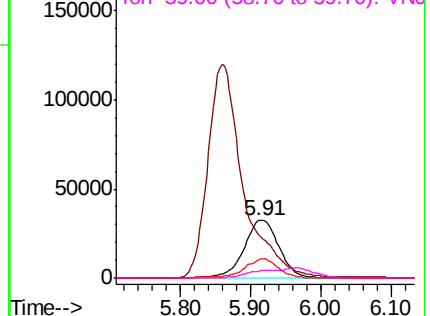
Abundance

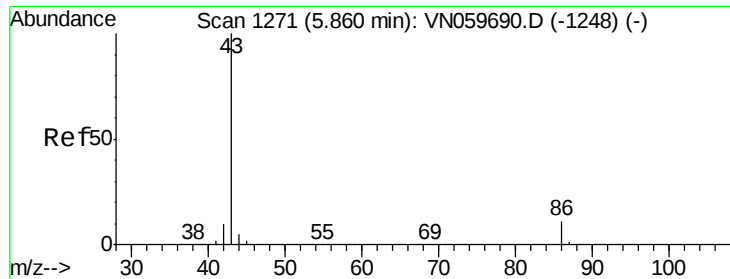
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 102.366 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

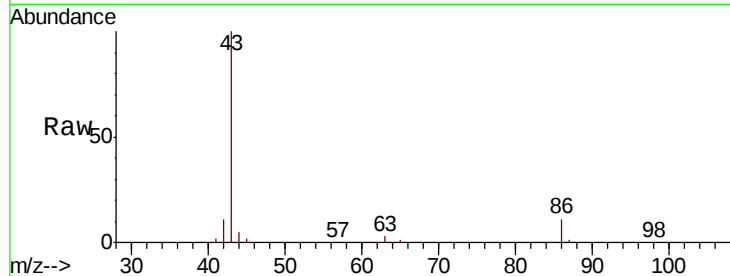
VN0204WBS01

Tot Ion: 43 Resp: 420047

Ion Ratio Lower Upper

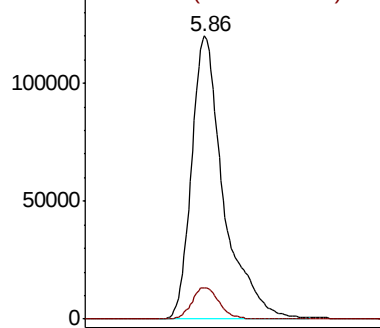
43 100

86 11.2 7.6 11.4

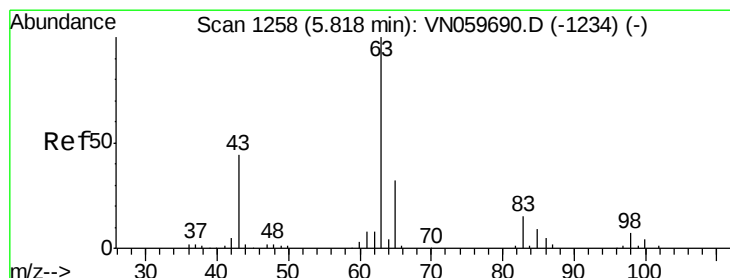
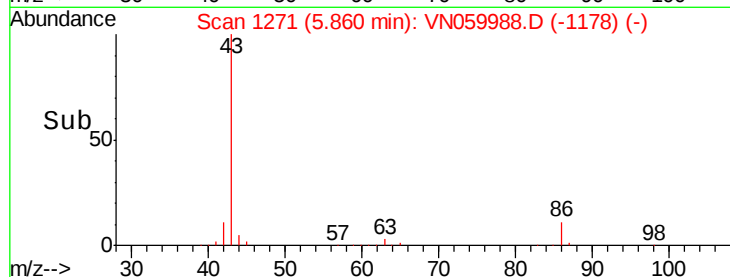


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



Time-->



#24

1,1-Dichloroethane

Concen: 19.884 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

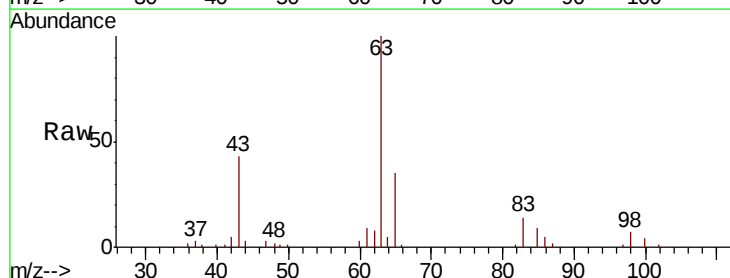
Tgt Ion: 63 Resp: 64393

Ion Ratio Lower Upper

63 100

98 7.5 2.9 8.7

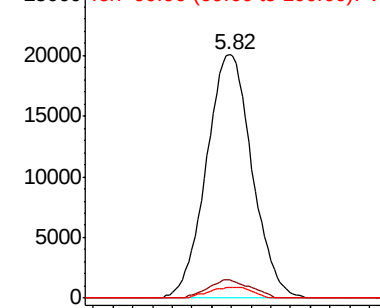
100 4.3 2.0 6.0



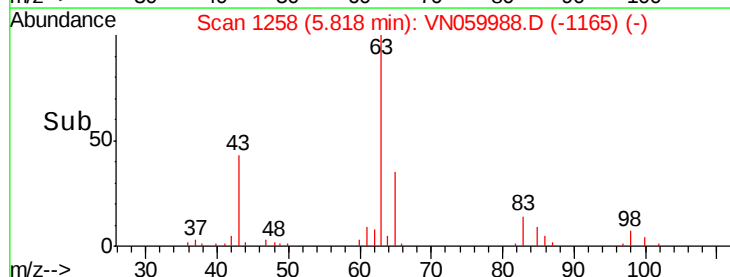
Abundance Ion 62.90 (62.60 to 63.60): VN0

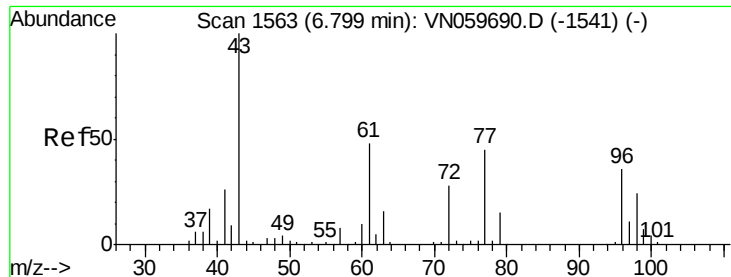
Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0



Time-->

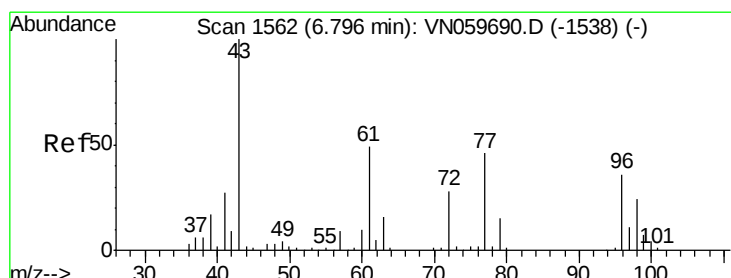
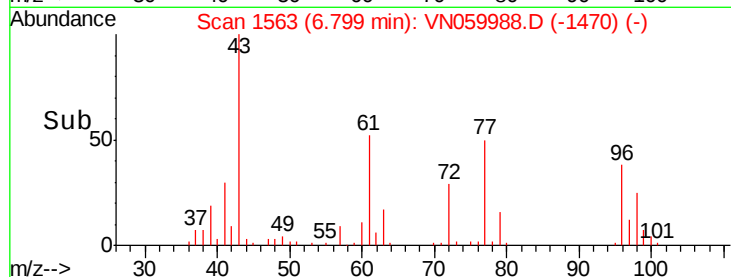
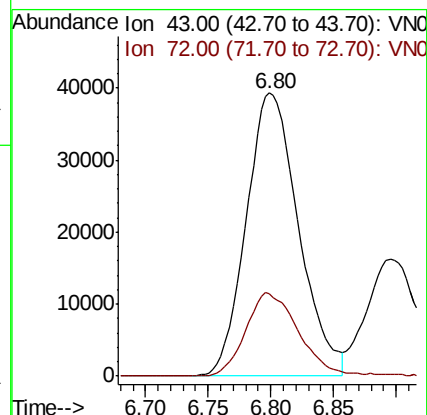
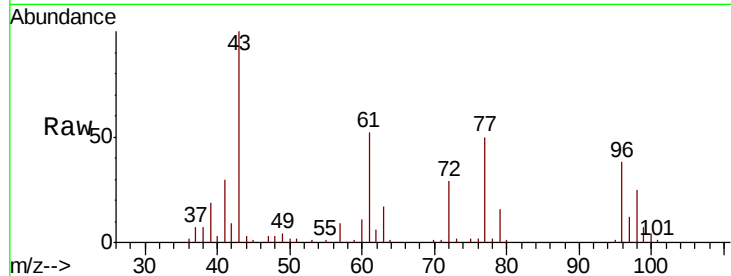




#25
2-Butanone
Concen: 95.687 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

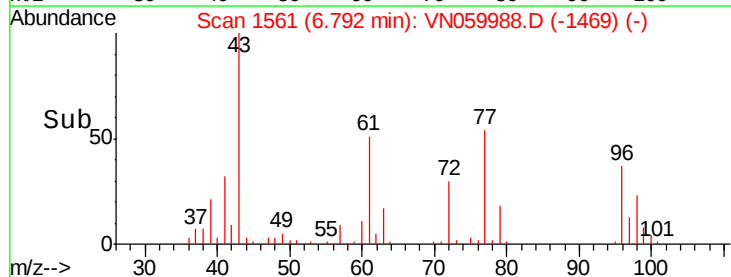
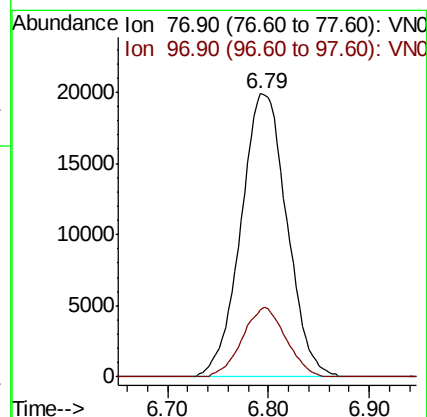
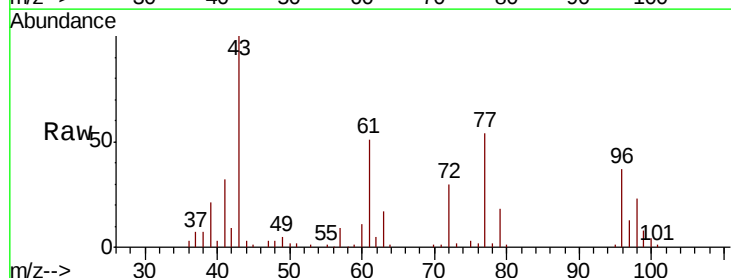
Instrument :
MSVOA_N
ClientSampled :
VN0204WBS01

Tot Ion: 43 Resp: 114123
Ion Ratio Lower Upper
43 100
72 28.9 19.9 29.9



#26
2,2-Dichloropropane
Concen: 20.218 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 77 Resp: 62943
Ion Ratio Lower Upper
77 100
97 23.3 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 20.264 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

VN0204WBS01

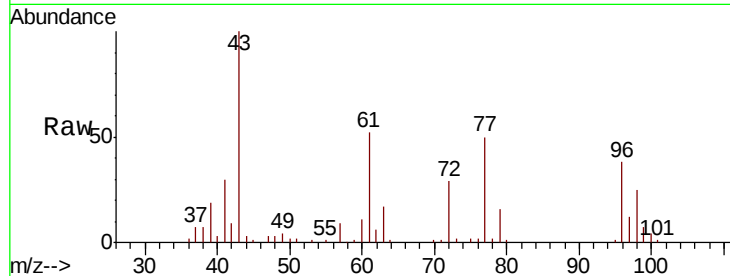
Tot Ion: 96 Resp: 42987

Ion Ratio Lower Upper

96 100

61 138.7 0.0 317.6

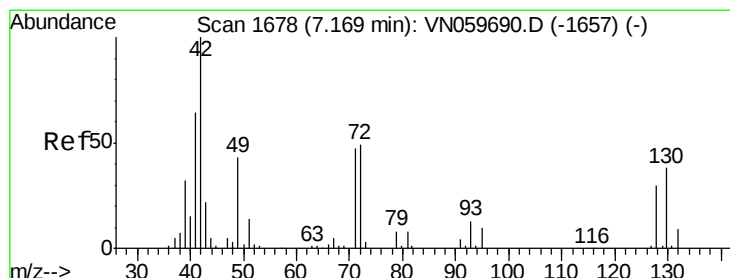
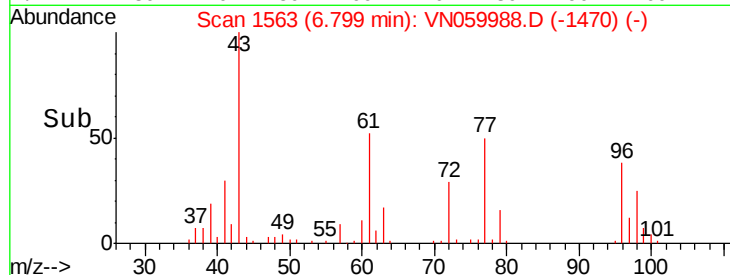
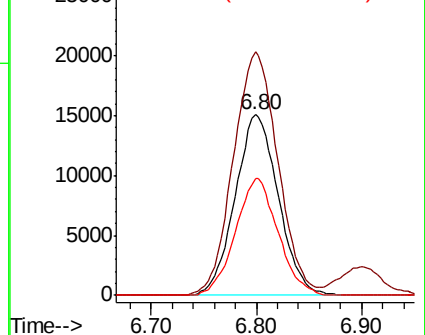
98 63.6 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 20.871 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

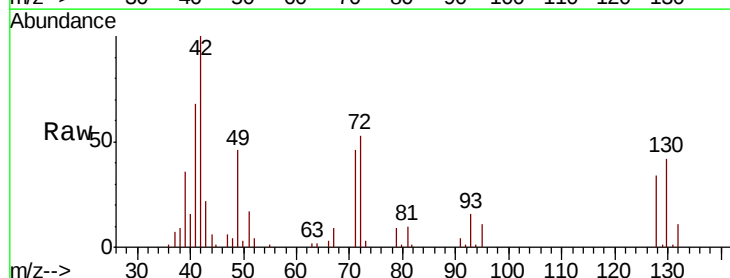
Tgt Ion: 49 Resp: 27014

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

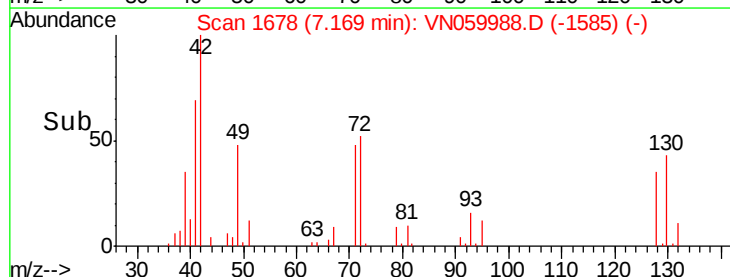
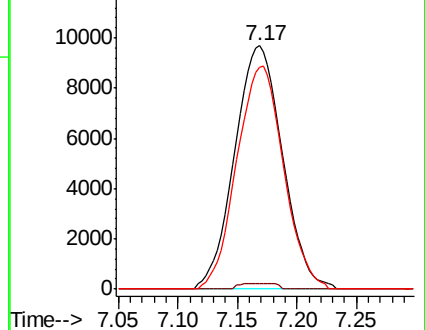
130 89.5 54.7 82.1#

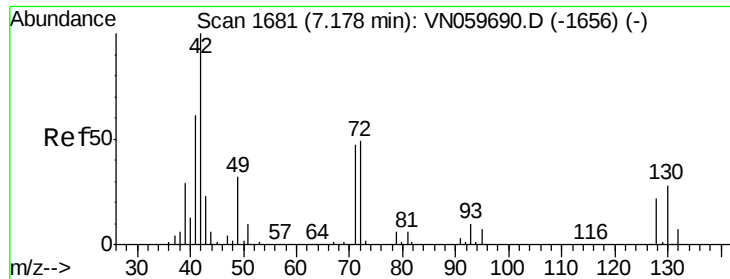


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

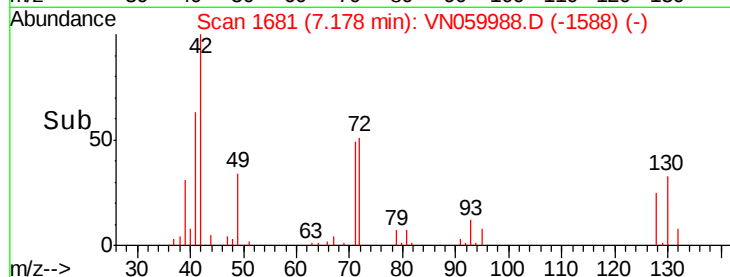
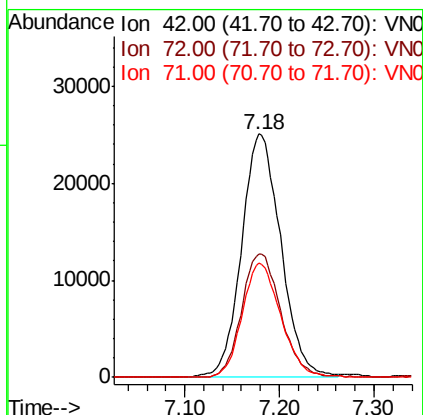
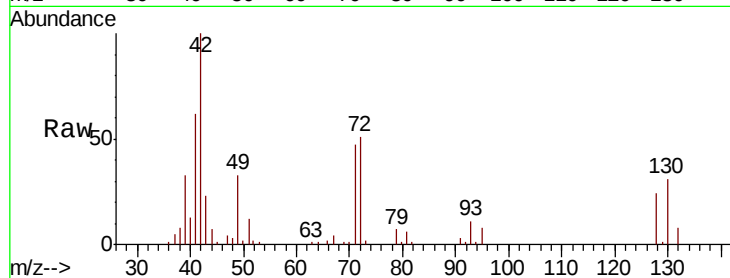




#29
Tetrahydrofuran
Concen: 98.342 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

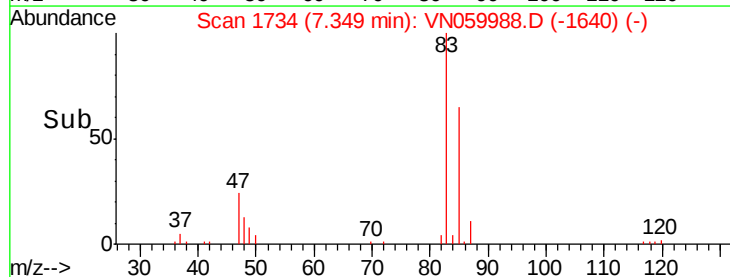
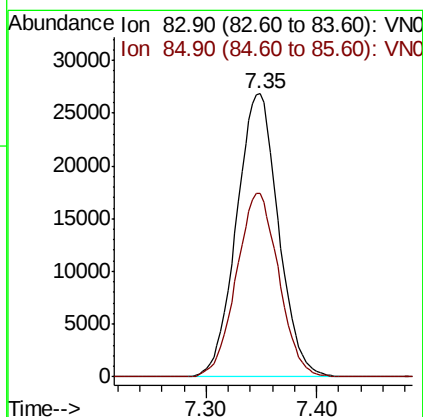
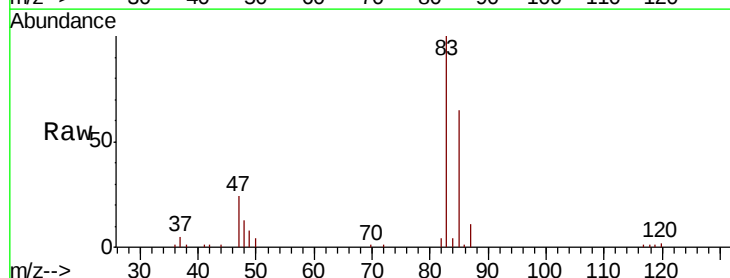
Instrument :
MSVOA_N
ClientSampled :
VN0204WBS01

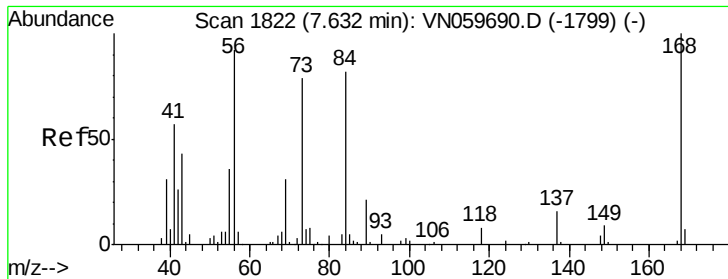
Tot Ion: 42 Resp: 72569
Ion Ratio Lower Upper
42 100
72 50.1 33.1 49.7#
71 46.0 31.4 47.0



#30
Chloroform
Concen: 21.022 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 83 Resp: 70536
Ion Ratio Lower Upper
83 100
85 64.9 52.4 78.6

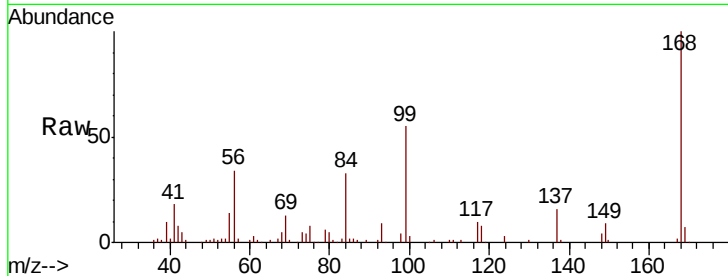




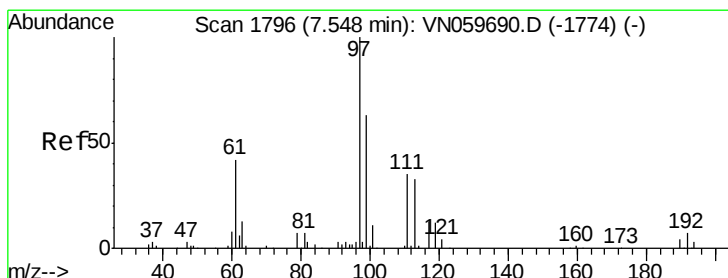
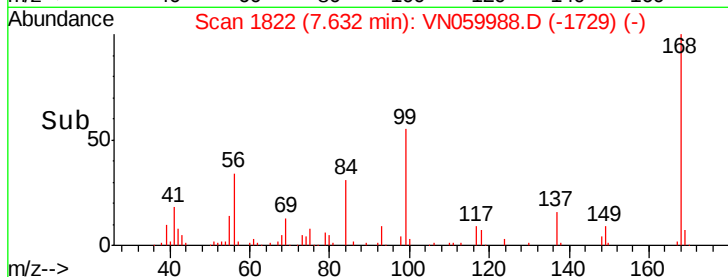
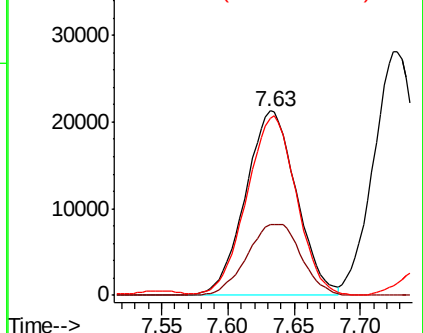
#31
Cyclohexane
Concen: 18.274 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN0204WBS01

Tot Ion: 56 Resp: 56943
Ion Ratio Lower Upper
56 100
69 38.1 26.5 39.7
84 94.9 65.3 97.9

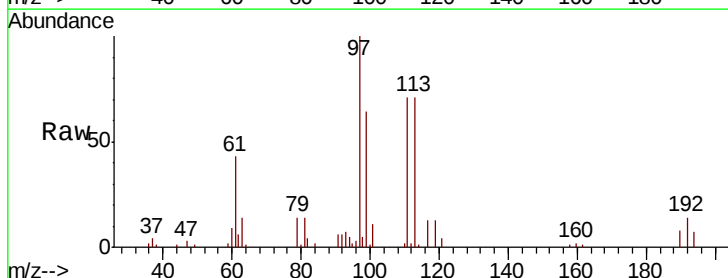


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

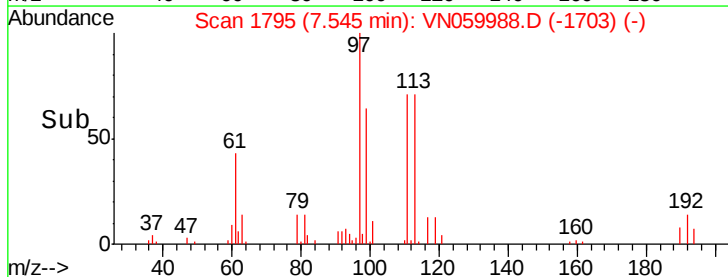
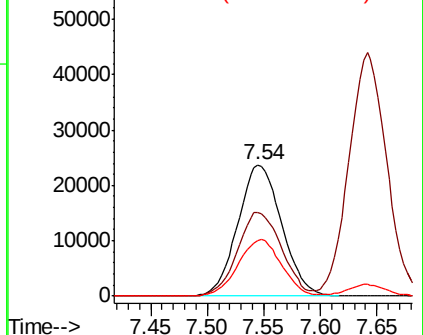


#32
1,1,1-Trichloroethane
Concen: 20.633 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 97 Resp: 64012
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 42.6 38.5 57.7



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

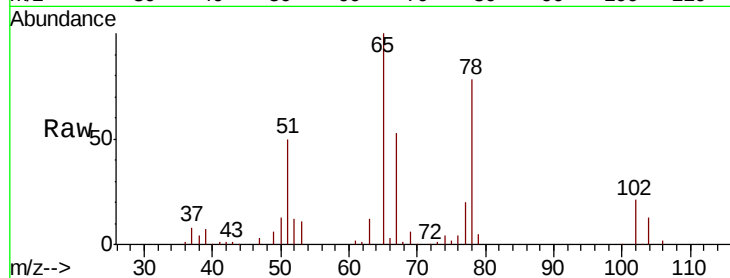




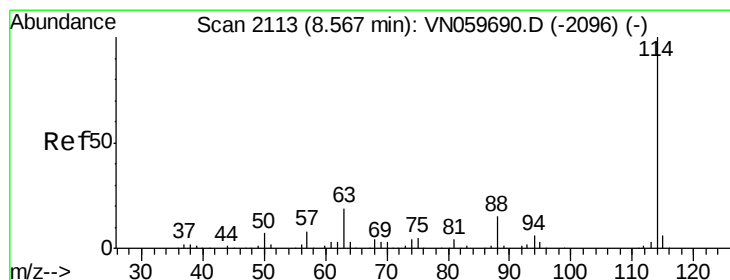
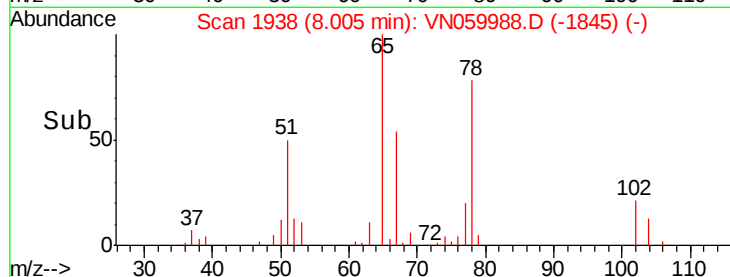
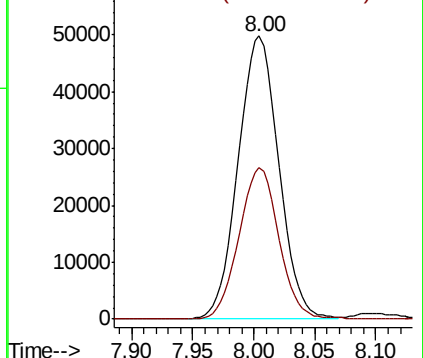
#33
 1,2-Dichloroethane-d4
 Concen: 54.510 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059988.D
 Acq: 4 Feb 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

Tot Ion: 65 Resp: 114802
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 103.0

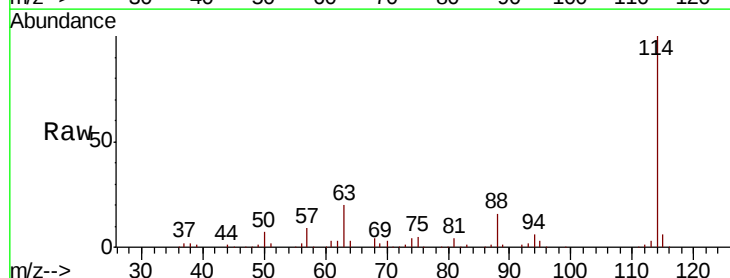


Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0

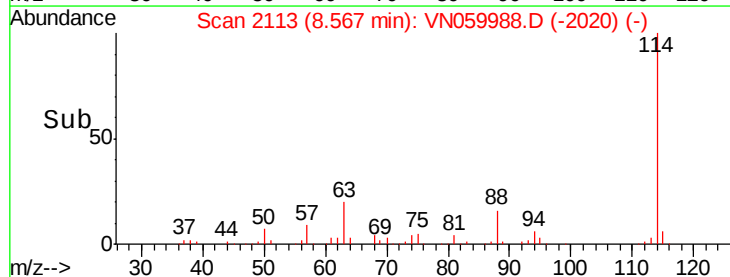
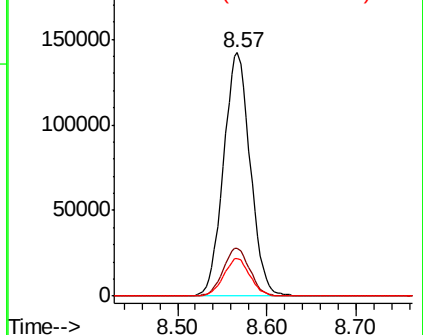


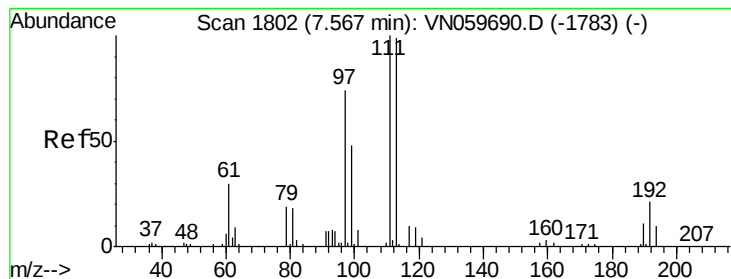
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059988.D
 Acq: 4 Feb 2020 12:29

Tgt Ion:114 Resp: 294505
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 43.6
 88 15.5 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN0
 Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 54.053 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

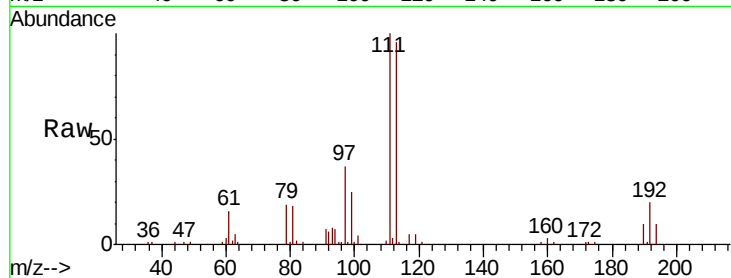
Tot Ion:113 Resp: 94932

Ion Ratio Lower Upper

113 100

111 103.4 83.5 125.3

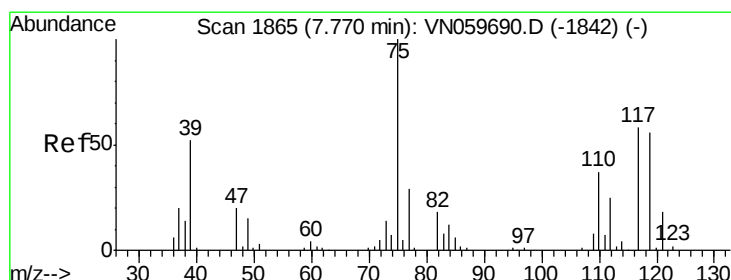
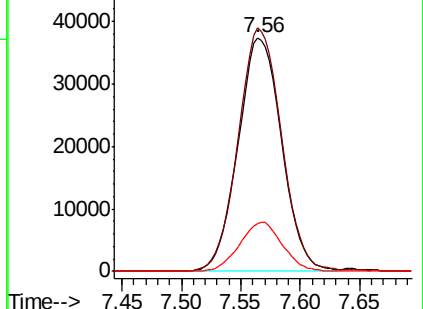
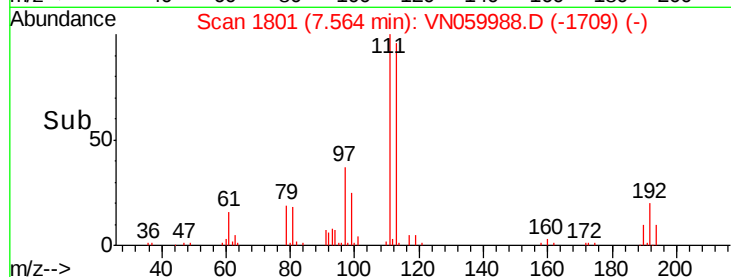
192 20.6 15.4 23.2



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: 19.301 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

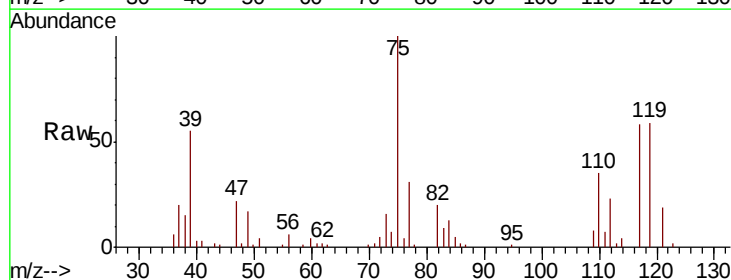
Tgt Ion: 75 Resp: 49501

Ion Ratio Lower Upper

75 100

110 37.6 16.6 49.7

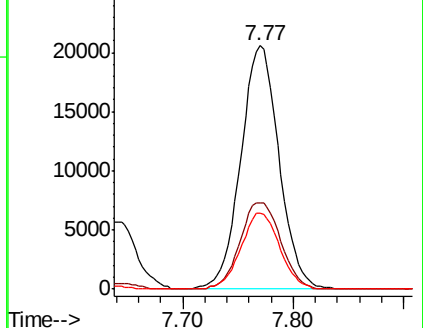
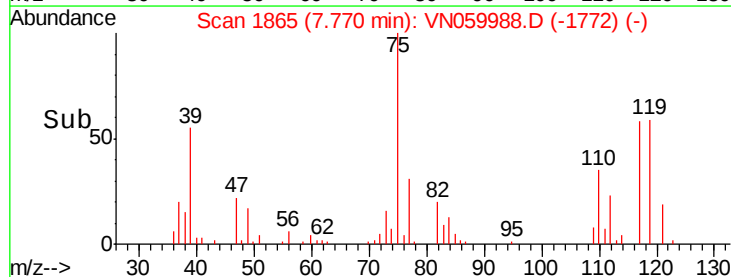
77 31.5 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

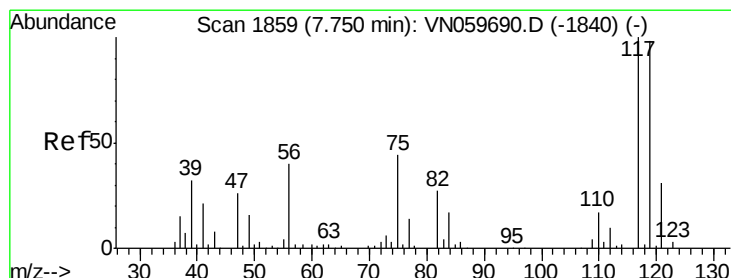
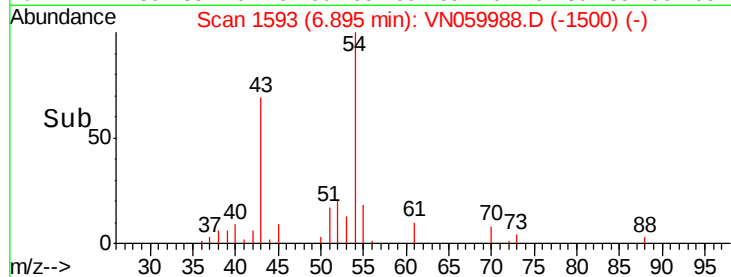
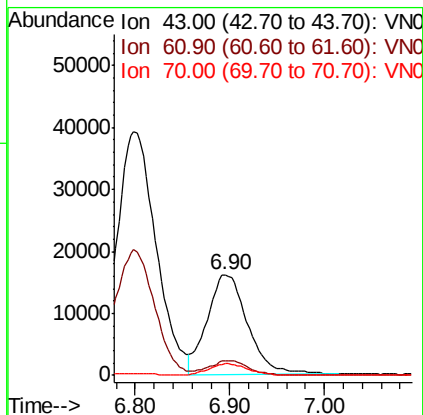
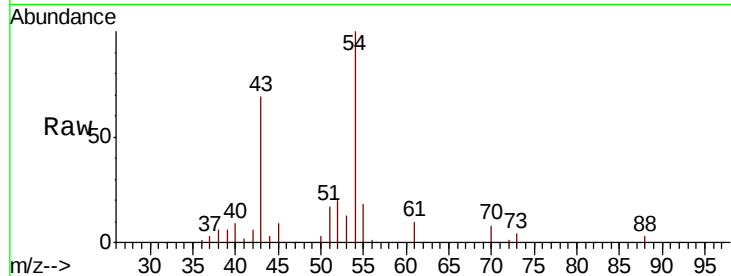




#37
Ethyl Acetate
Concen: 19.797 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

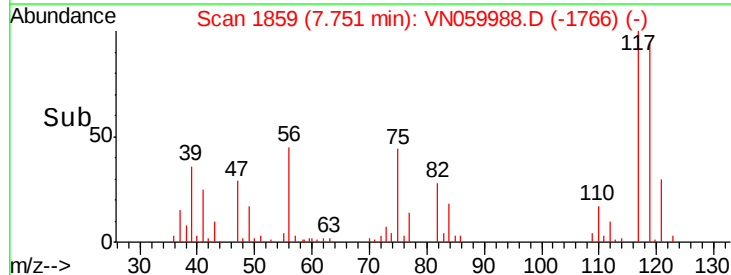
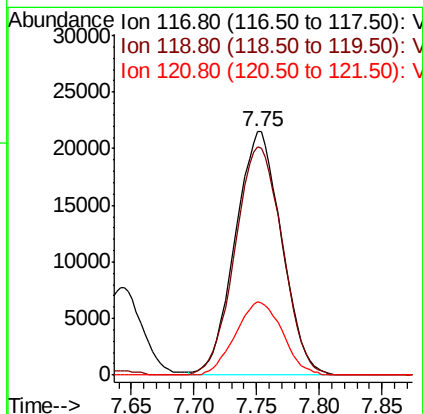
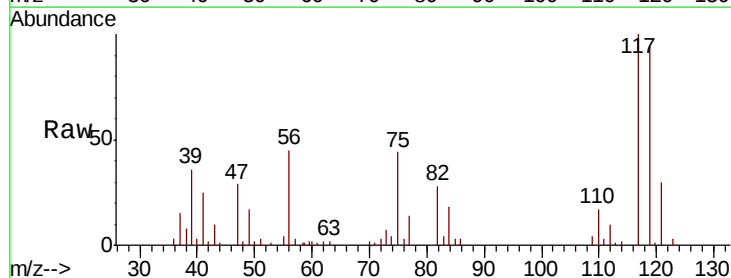
Instrument :
MSVOA_N
ClientSampled :
VN0204WBS01

Tot Ion: 43 Resp: 47619
Ion Ratio Lower Upper
43 100
61 14.7 10.9 16.3
70 11.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 19.835 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 117 Resp: 55336
Ion Ratio Lower Upper
117 100
119 93.9 76.5 114.7
121 30.1 25.1 37.7

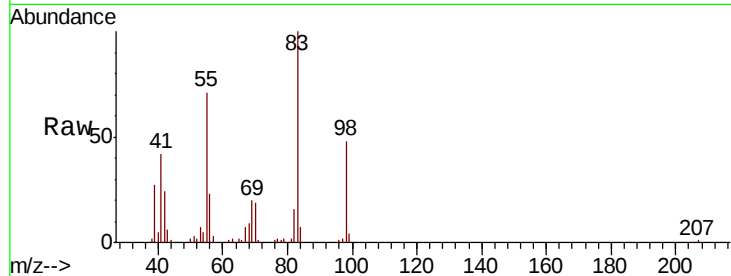




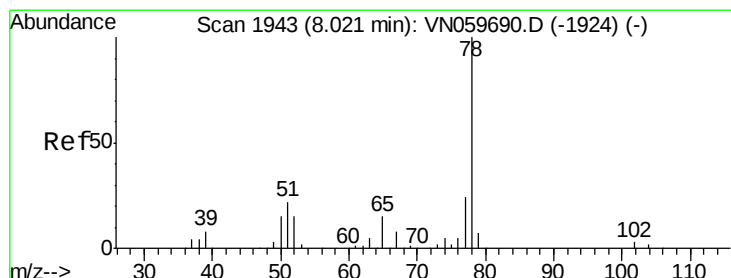
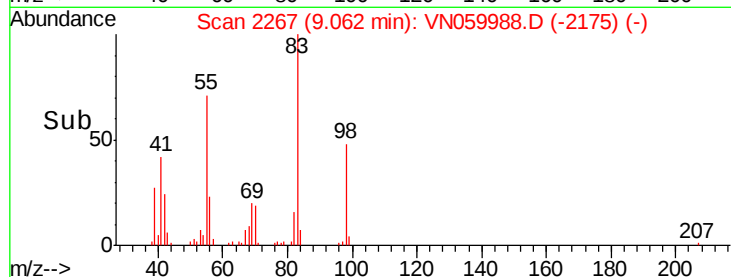
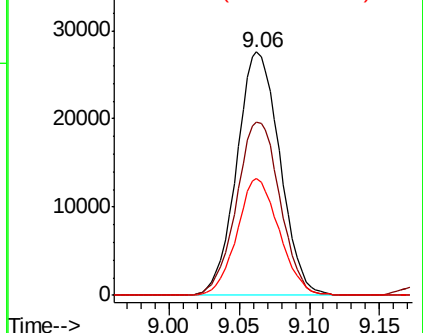
#39
Methvlcvclohexane
Concen: 18.648 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tot Ion: 83 Resp: 58971
Ion Ratio Lower Upper
83 100
55 71.3 64.2 96.2
98 48.1 35.9 53.9

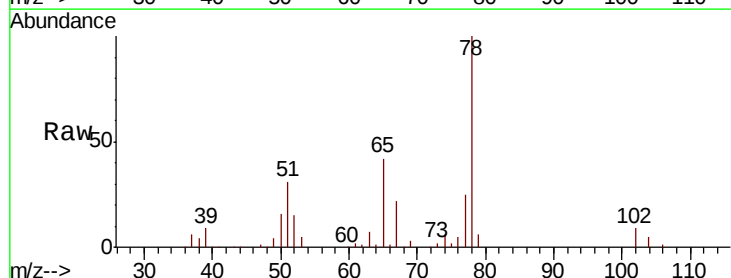


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

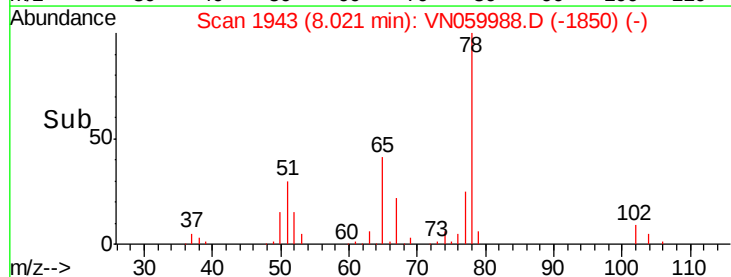
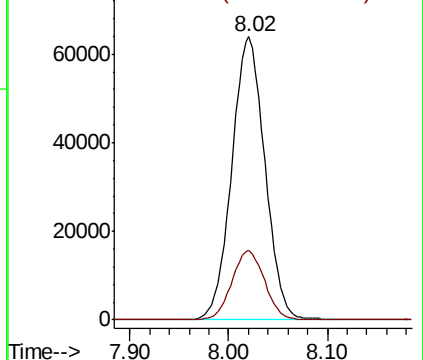


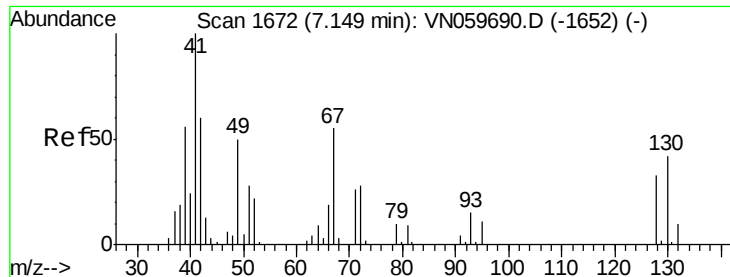
#40
Benzene
Concen: 19.514 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 78 Resp: 149257
Ion Ratio Lower Upper
78 100
77 24.6 18.9 28.3



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

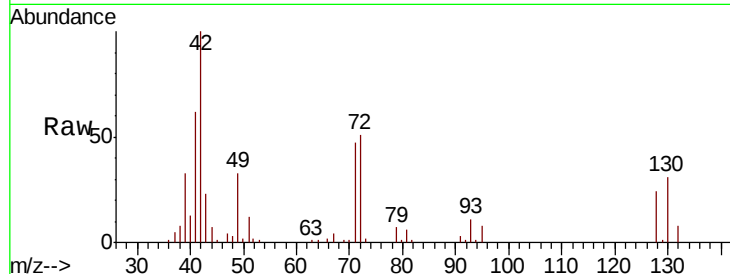




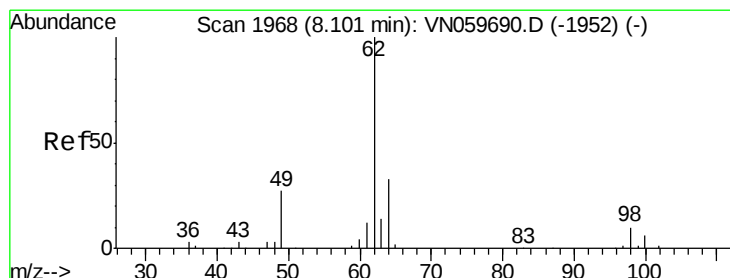
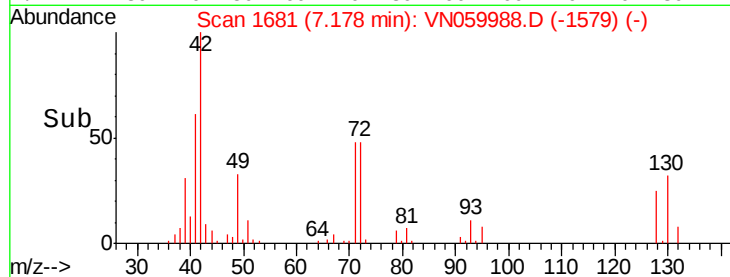
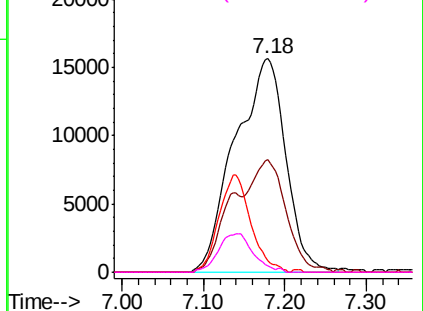
#41
Methacrylonitrile
Concen: 57.262 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tot Ion:	41	Resp:	67845
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

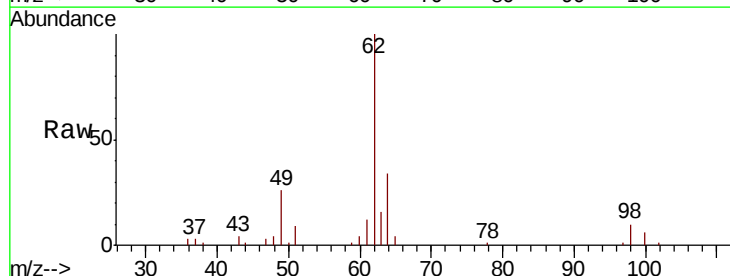


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

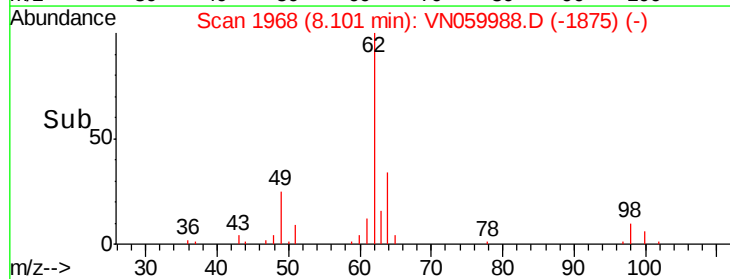
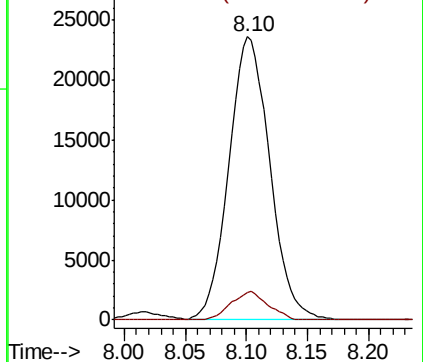


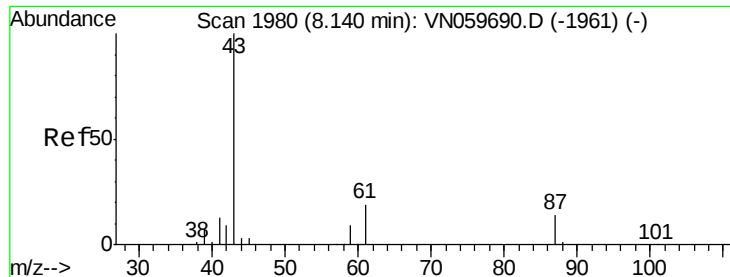
#42
1,2-Dichloroethane
Concen: 21.206 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion:	62	Resp:	54995
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 19.839 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

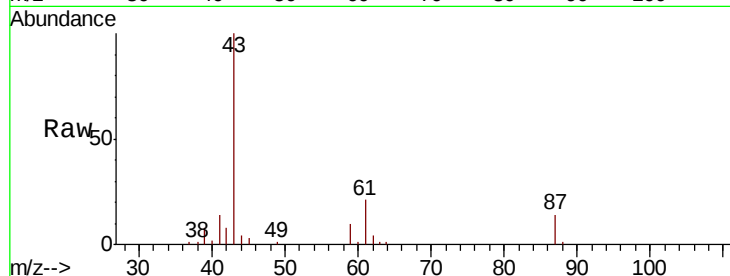
Tot Ion: 43 Resp: 82084

Ion Ratio Lower Upper

43 100

61 27.4 20.2 30.2

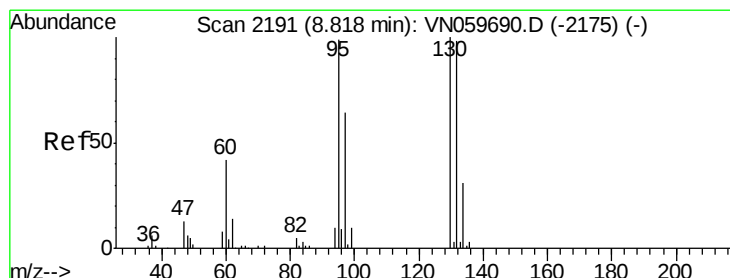
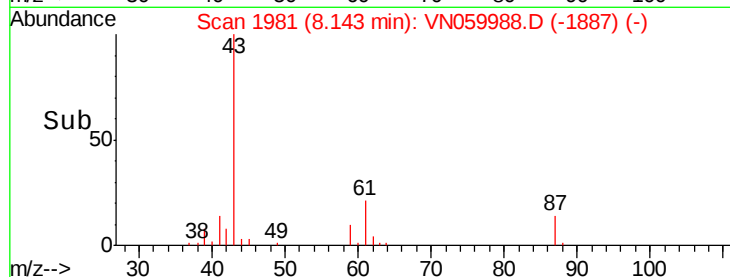
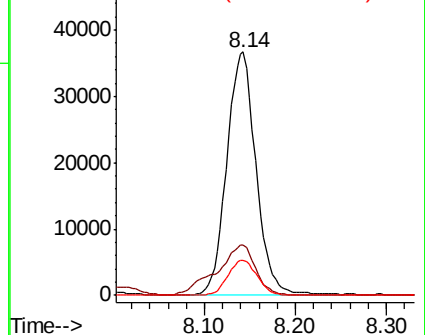
87 14.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059988.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059988.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059988.D (-1961) (-)



#44

Trichloroethene

Concen: 20.763 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059988.D

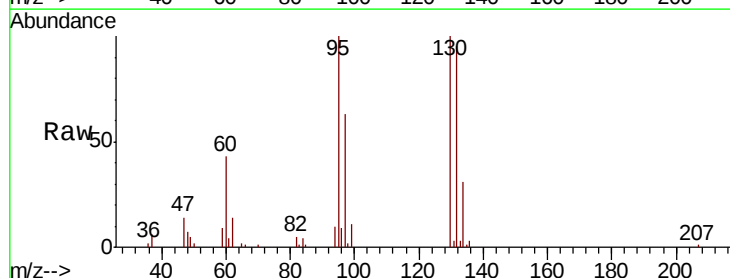
Acq: 4 Feb 2020 12:29

Tgt Ion: 130 Resp: 43354

Ion Ratio Lower Upper

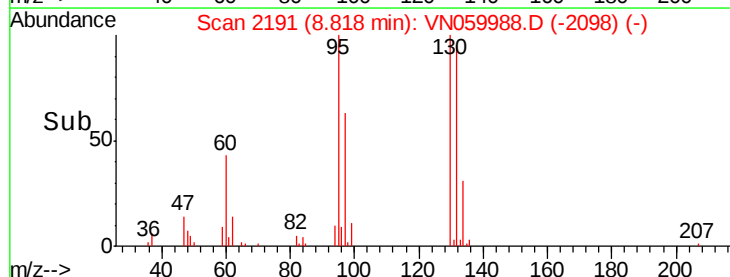
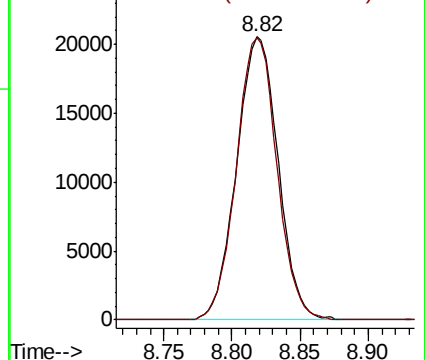
130 100

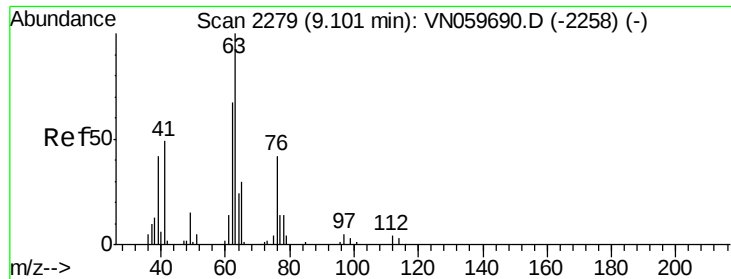
95 99.6 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059988.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059988.D (-2175) (-)

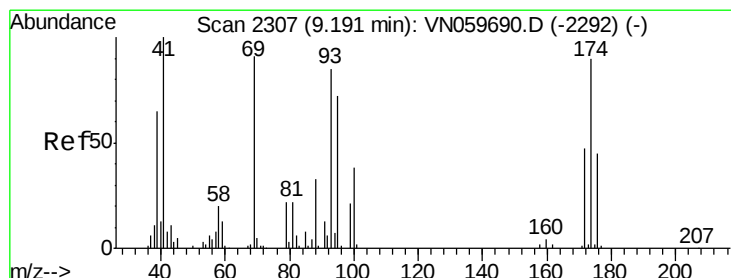
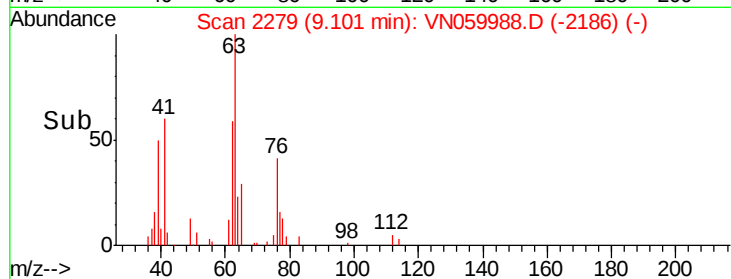
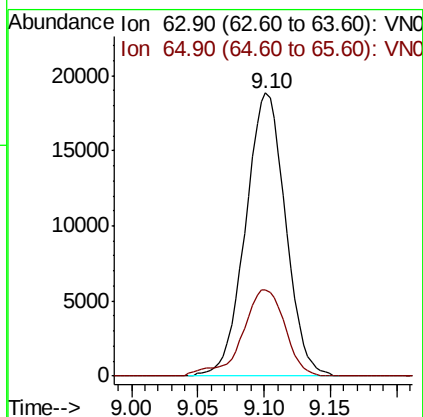
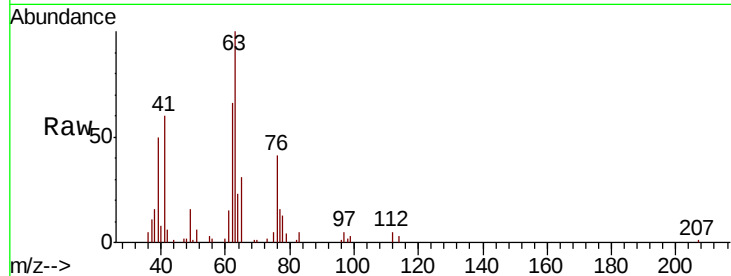




#45
 1,2-Dichloropropane
 Concen: 20.924 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: VN059988.D
 Acq: 4 Feb 2020 12:29

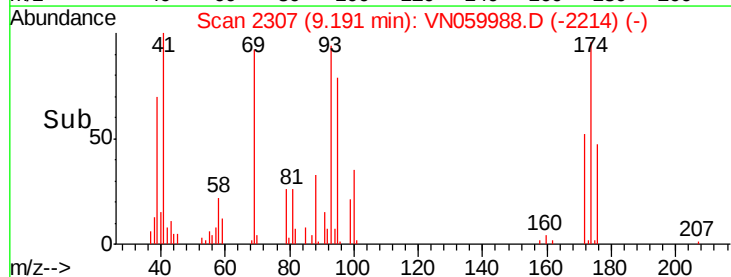
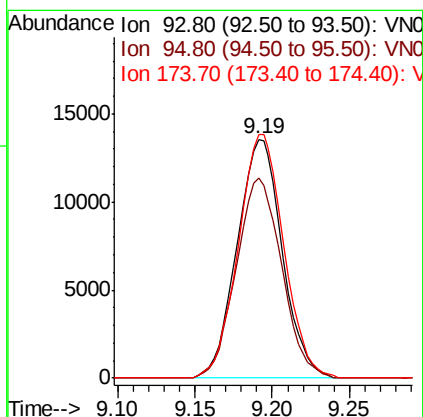
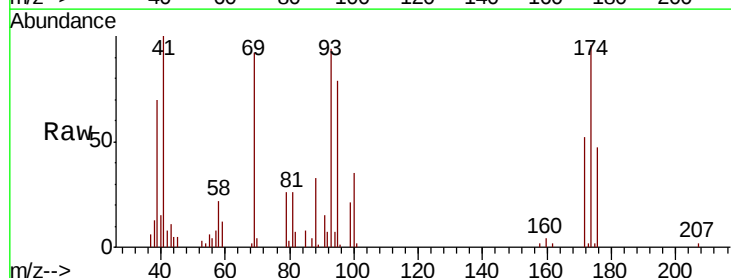
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

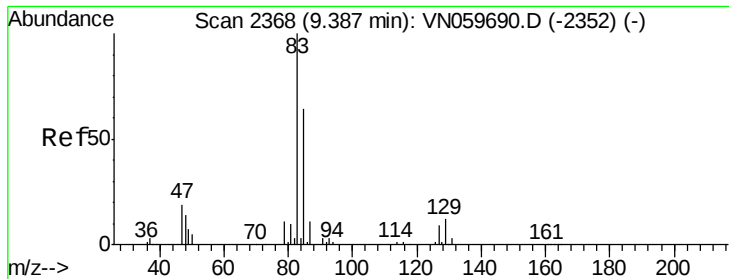
Tot Ion: 63 Resp: 39602
 Ion Ratio Lower Upper
 63 100
 65 30.5 24.9 37.3



#46
 Dibromomethane
 Concen: 20.556 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN059988.D
 Acq: 4 Feb 2020 12:29

Tgt Ion: 93 Resp: 27444
 Ion Ratio Lower Upper
 93 100
 95 84.5 67.0 100.6
 174 102.9 73.4 110.2

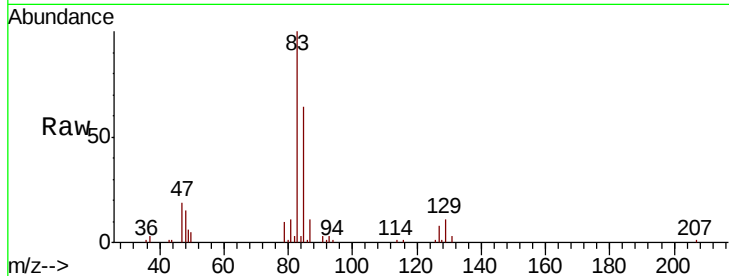




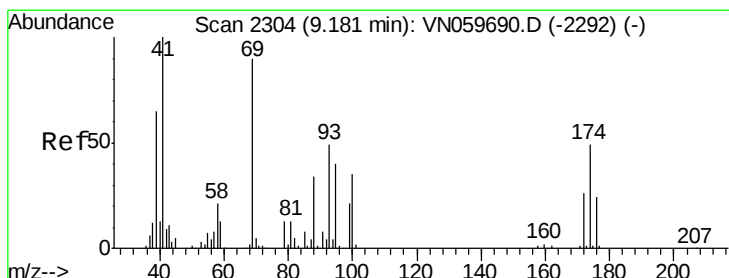
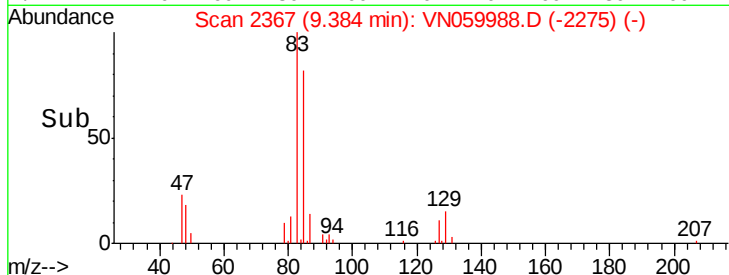
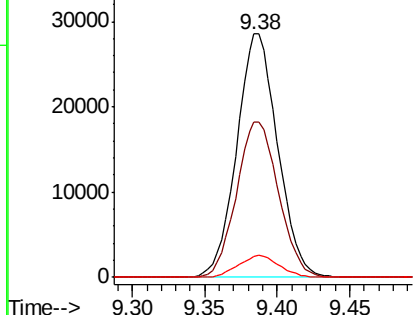
#47
Bromodichloromethane
Concen: 20.790 ug/l
RT: 9.38 min Scan# 2367
Delta R.T. -0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tot Ion: 83 Resp: 55936
Ion Ratio Lower Upper
83 100
85 63.8 51.1 76.7
127 8.4 6.6 9.8

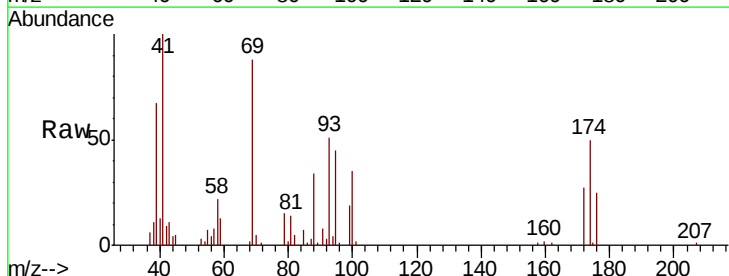


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

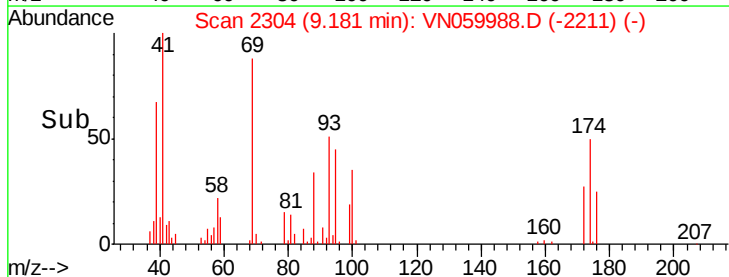
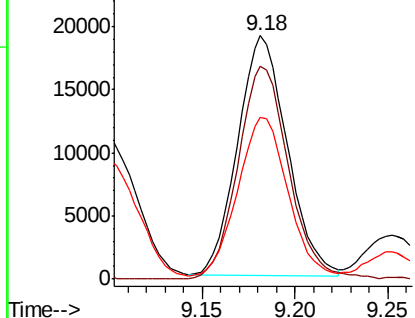


#48
Methyl methacrylate
Concen: 19.096 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 41 Resp: 35341
Ion Ratio Lower Upper
41 100
69 90.6 64.4 96.6
39 69.4 51.3 76.9



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





#49

1,4-Dioxane

Concen: 409.635 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

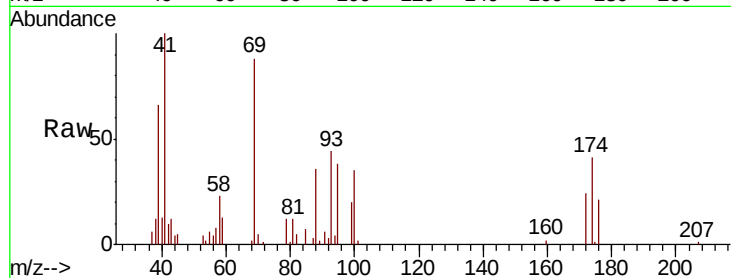
Tot Ion: 88 Resp: 13878

Ion Ratio Lower Upper

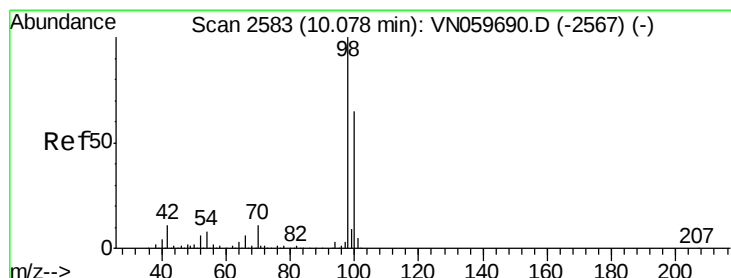
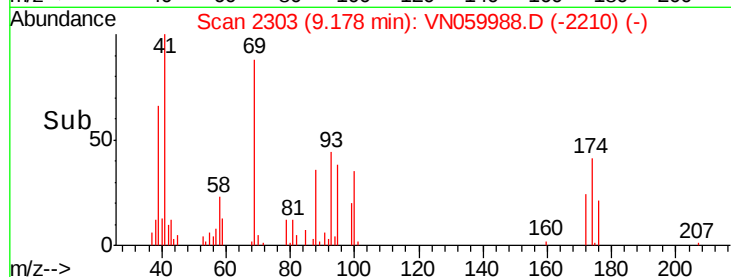
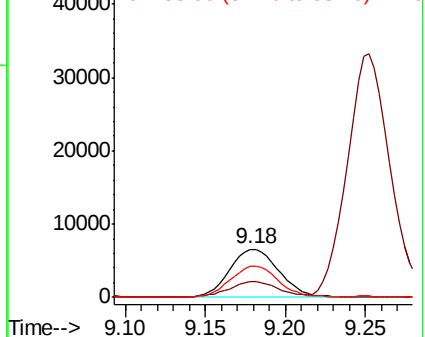
88 100

43 32.3 29.7 44.5

58 62.8 56.6 85.0



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: 52.554 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059988.D

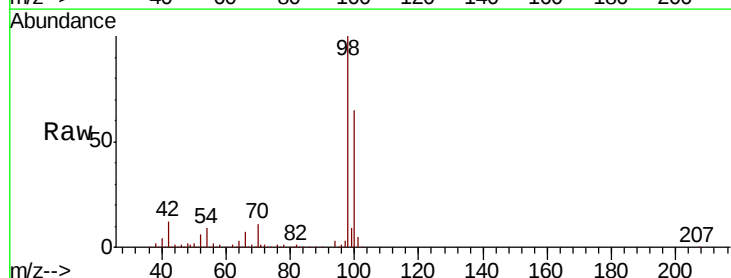
Acq: 4 Feb 2020 12:29

Tgt Ion: 98 Resp: 357612

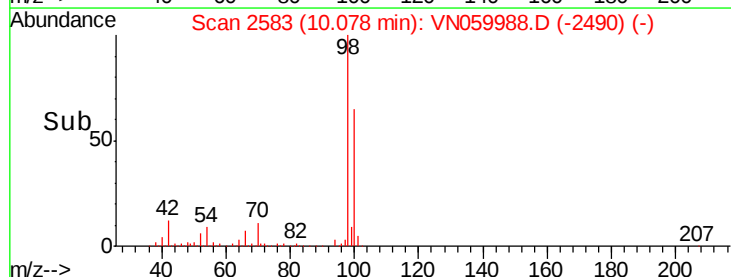
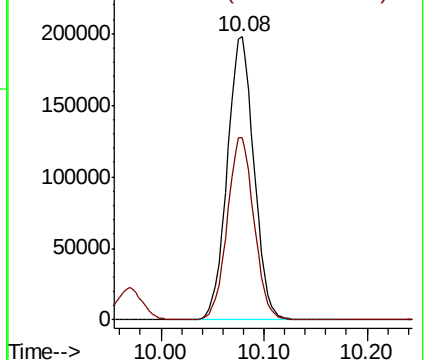
Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



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: 100.436 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

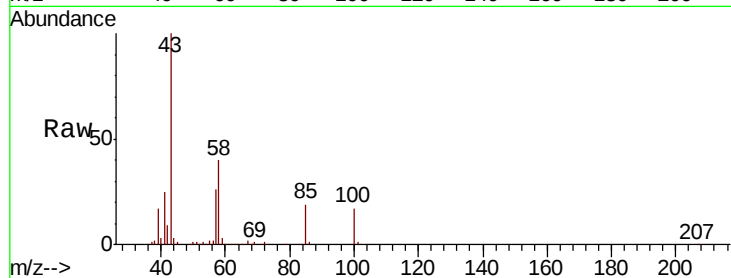
VN0204WBS01

Tot Ion: 43 Resp: 240214

Ion Ratio Lower Upper

43 100

58 39.5 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

150000

100000

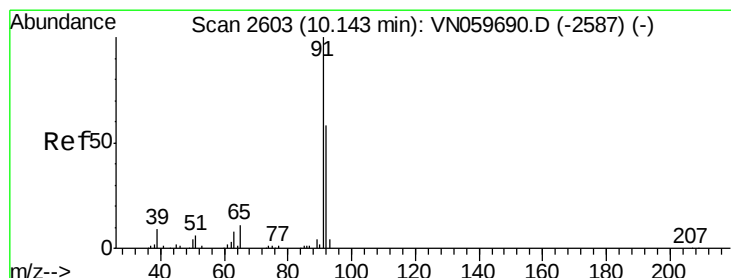
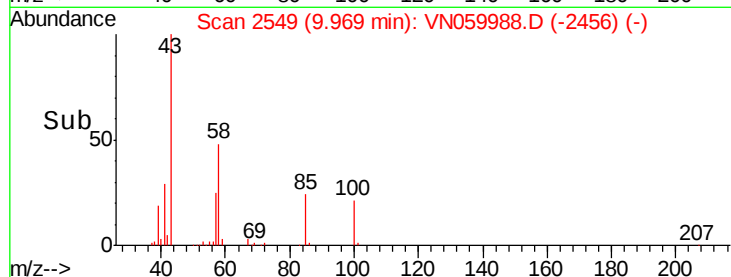
50000

0

Time-->

9.90

10.00



#52

Toluene

Concen: 20.129 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN059988.D

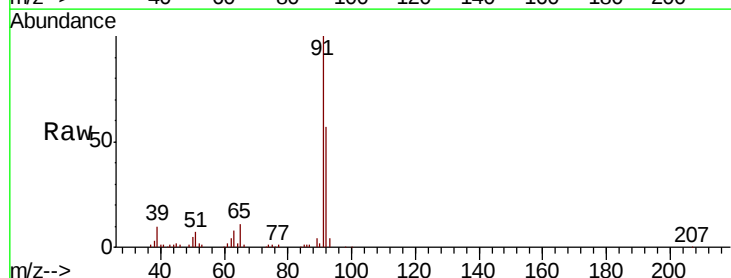
Acq: 4 Feb 2020 12:29

Tgt Ion: 92 Resp: 97251

Ion Ratio Lower Upper

92 100

91 174.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.14

100000

80000

60000

40000

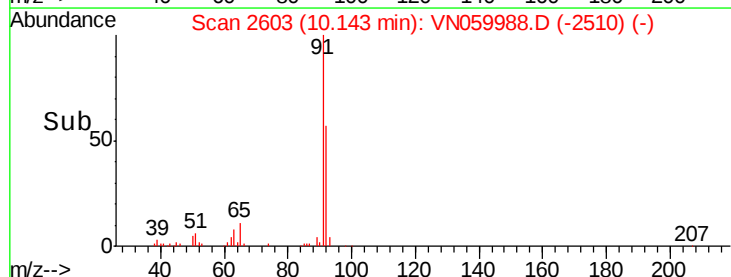
20000

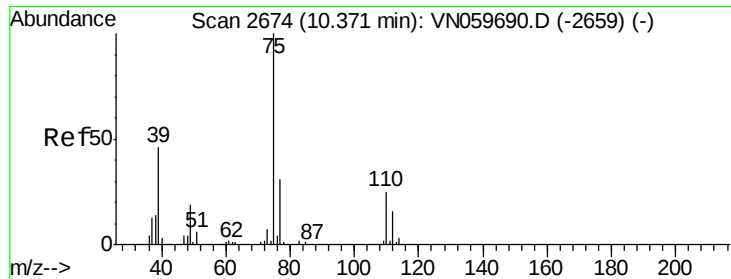
0

Time-->

10.10

10.20





#53

t-1,3-Dichloropropene

Concen: 20.954 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

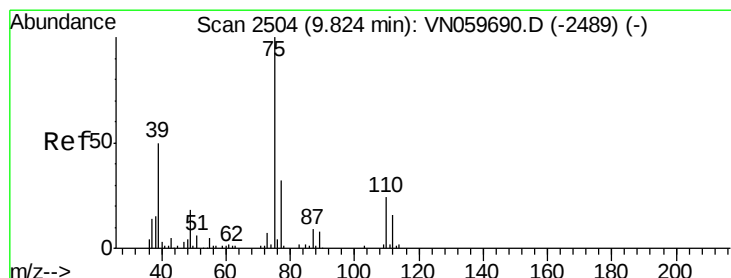
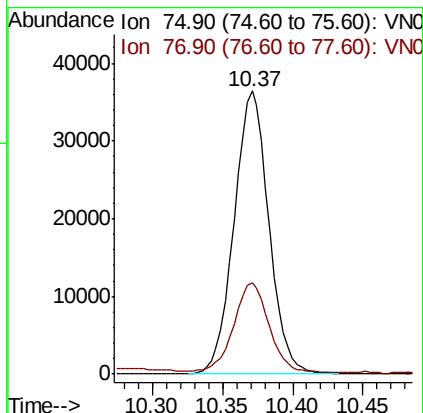
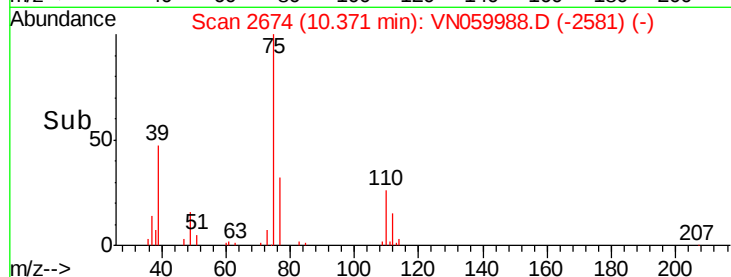
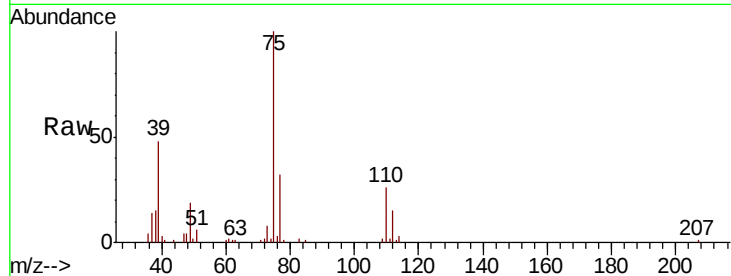
VN0204WBS01

Tot Ion: 75 Resp: 62949

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 20.847 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

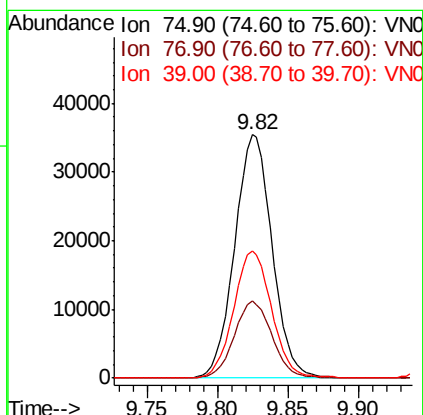
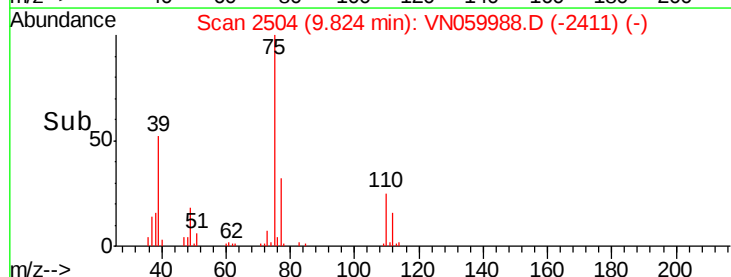
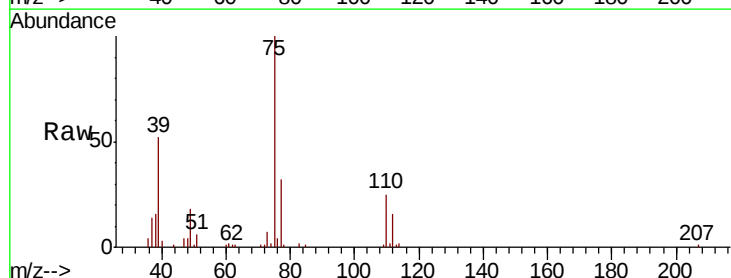
Tgt Ion: 75 Resp: 65894

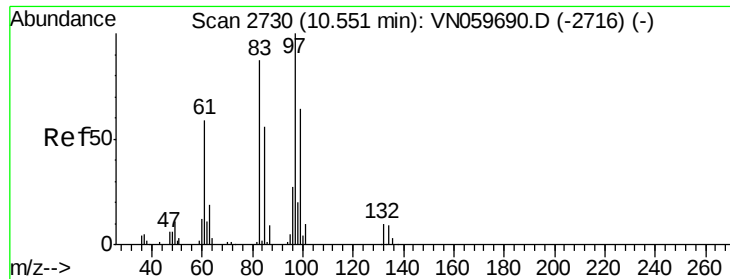
Ion Ratio Lower Upper

75 100

77 31.5 25.1 37.7

39 52.4 46.1 69.1

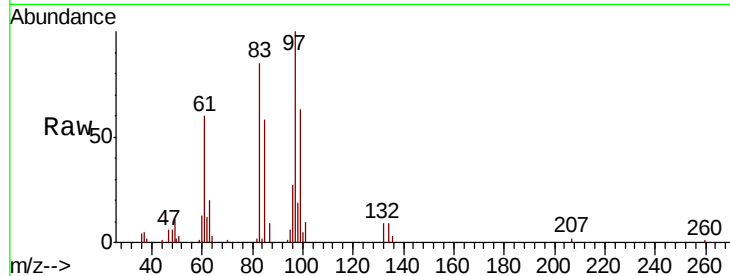




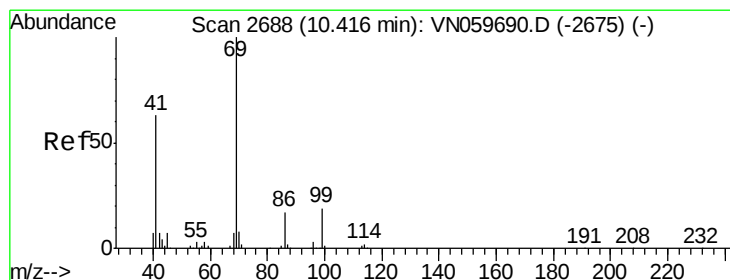
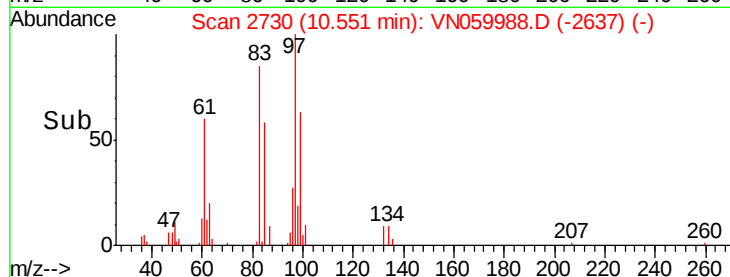
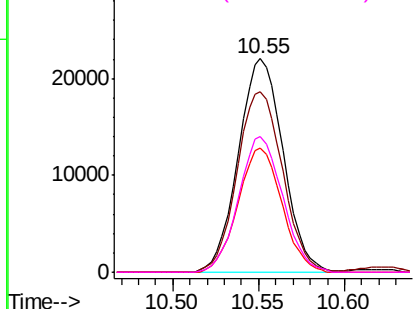
#55
 1,1,2-Trichloroethane
 Concen: 20.899 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN059988.D
 Acq: 4 Feb 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

Tot Ion: 97 Resp: 39989
 Ion Ratio Lower Upper
 97 100
 83 84.6 71.3 106.9
 85 58.1 45.8 68.8
 99 63.4 50.0 75.0

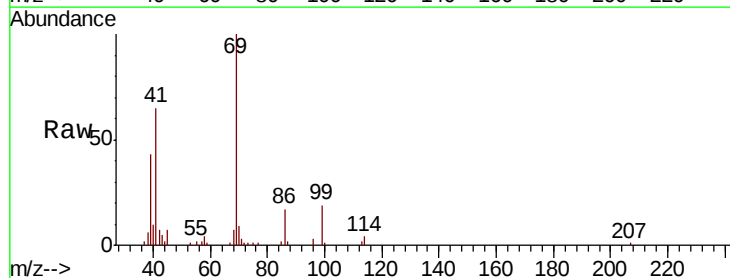


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

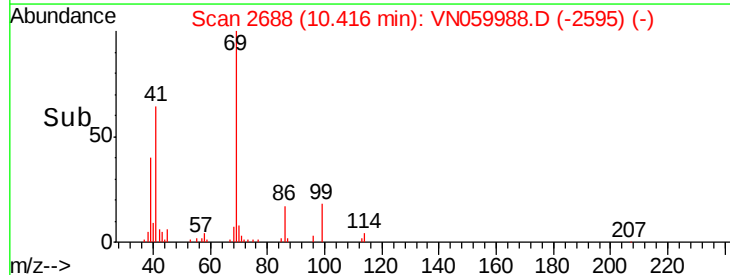
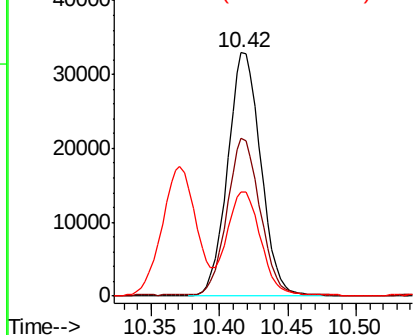


#56
 Ethyl methacrylate
 Concen: 19.087 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059988.D
 Acq: 4 Feb 2020 12:29

Tgt Ion: 69 Resp: 55806
 Ion Ratio Lower Upper
 69 100
 41 65.4 57.1 85.7
 39 43.6 34.7 52.1



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: 21.442 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

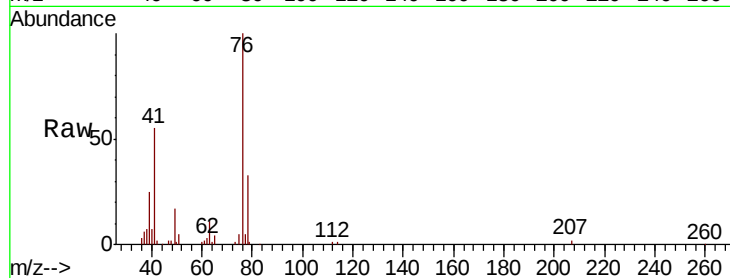
VN0204WBS01

Tot Ion: 76 Resp: 65137

Ion Ratio Lower Upper

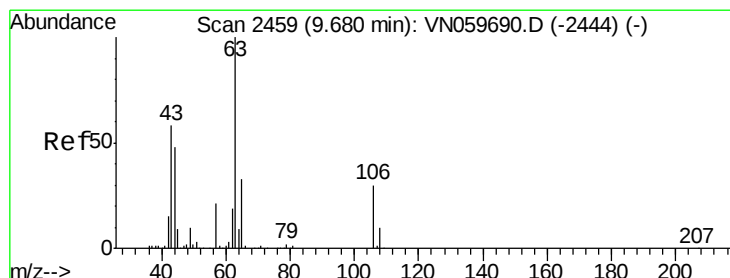
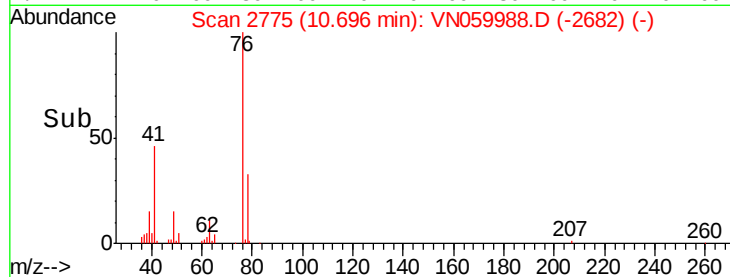
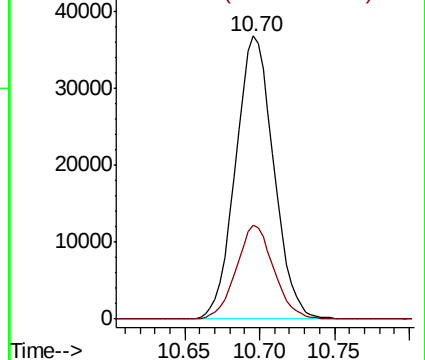
76 100

78 32.7 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 109.742 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059988.D

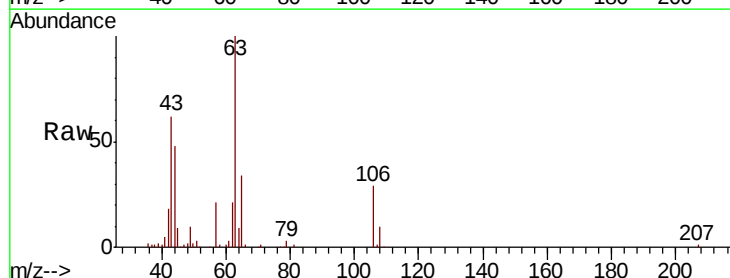
Acq: 4 Feb 2020 12:29

Tgt Ion: 63 Resp: 96645

Ion Ratio Lower Upper

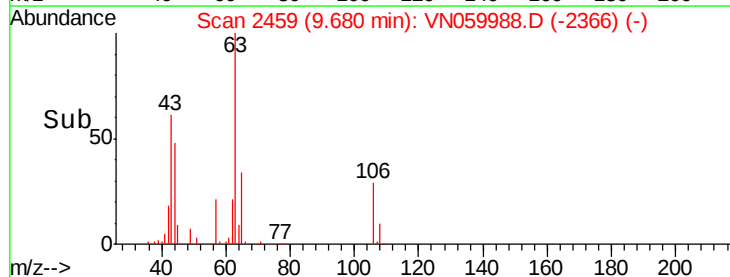
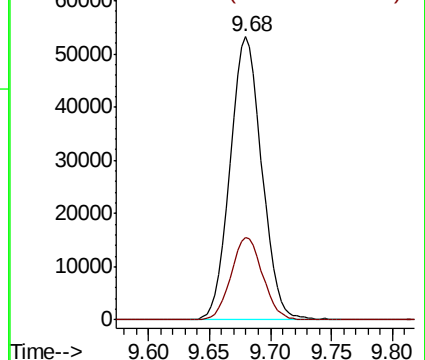
63 100

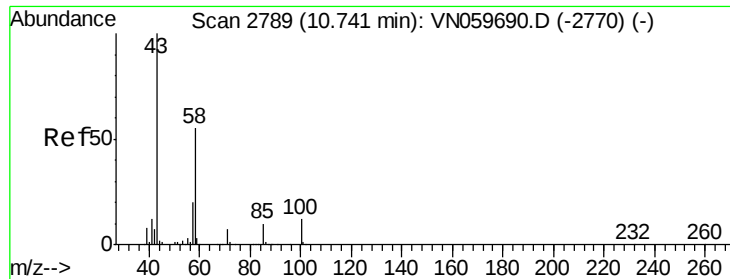
106 28.9 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

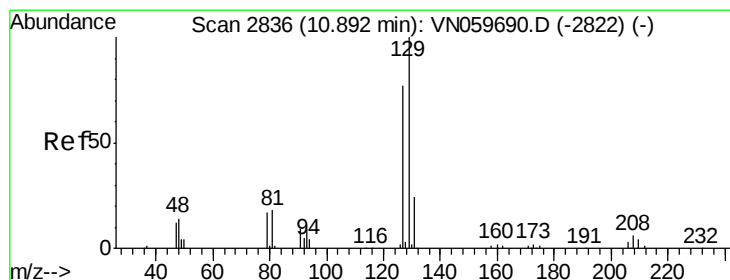
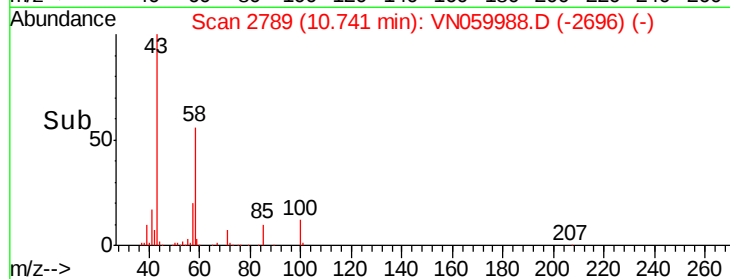
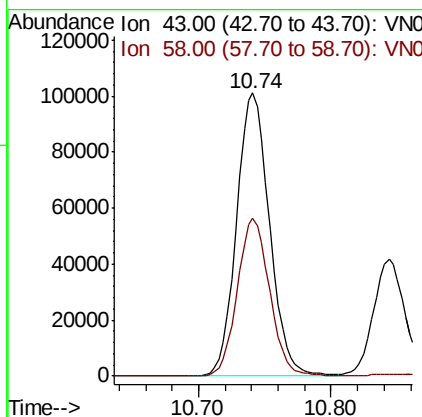
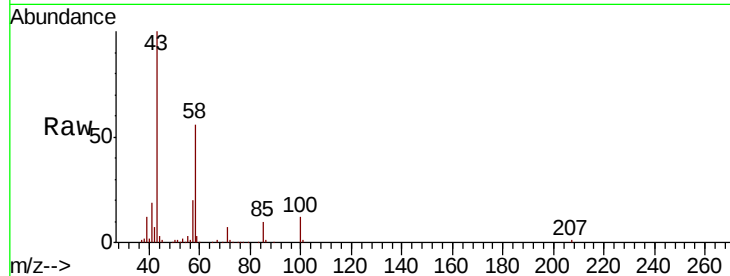




#59
2-Hexanone
Concen: 99.202 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

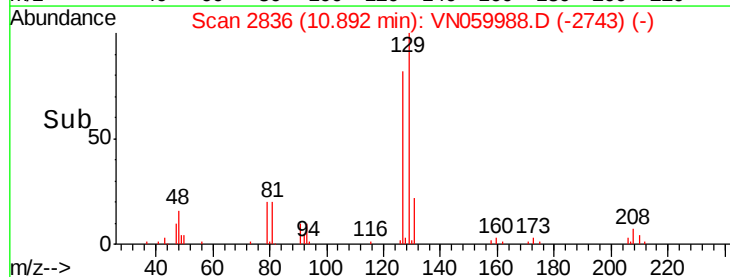
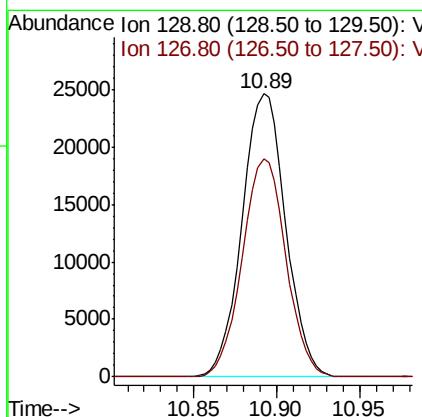
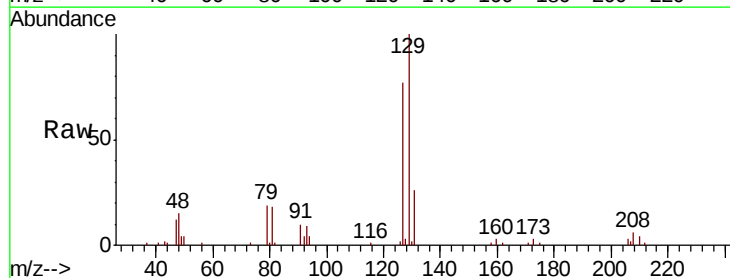
Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

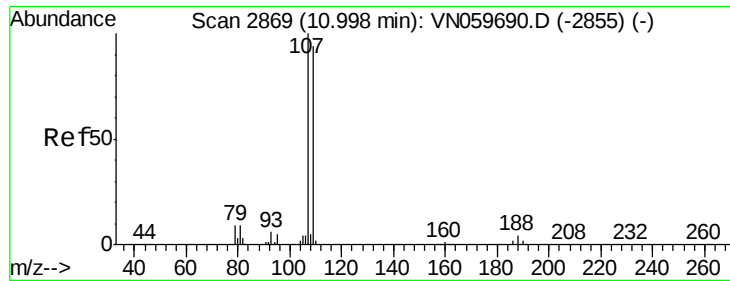
Tot Ion: 43 Resp: 174793
Ion Ratio Lower Upper
43 100
58 54.7 25.8 77.3



#60
Dibromochloromethane
Concen: 20.667 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 129 Resp: 45033
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.424 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

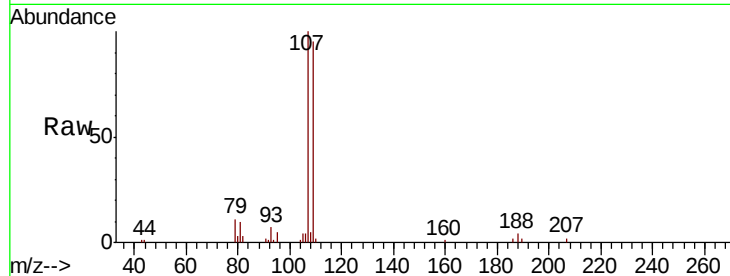
VN0204WBS01

Tot Ion:107 Resp: 40961

Ion Ratio Lower Upper

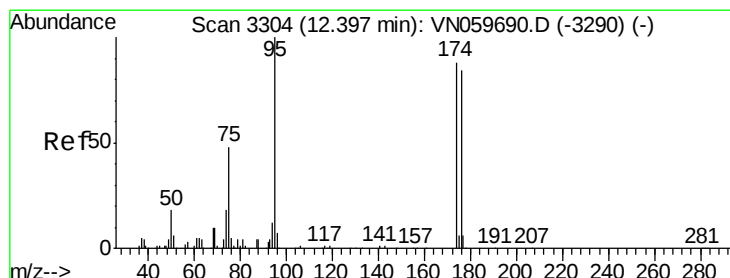
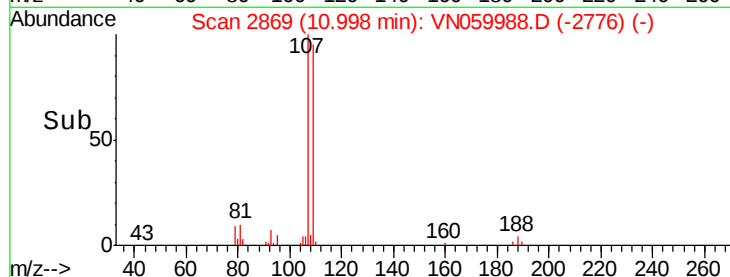
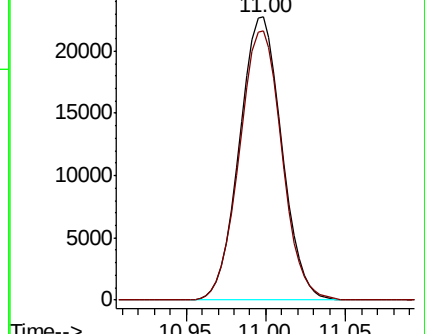
107 100

109 95.7 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.833 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

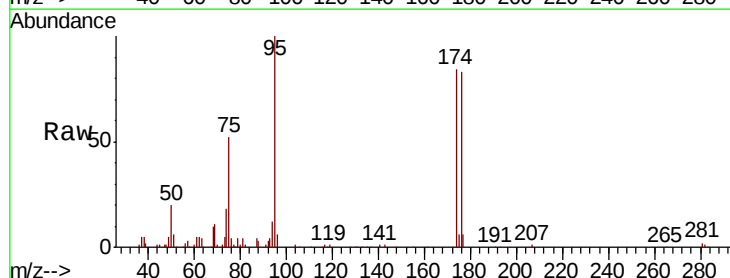
Tgt Ion: 95 Resp: 132056

Ion Ratio Lower Upper

95 100

174 84.9 0.0 151.4

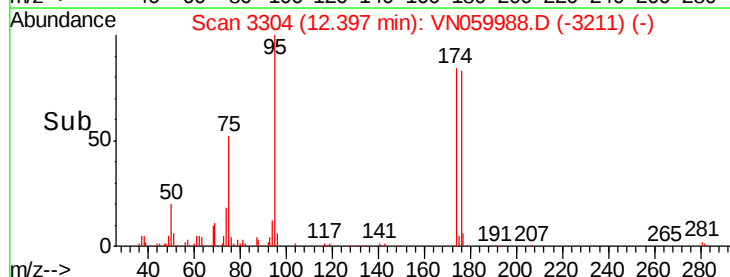
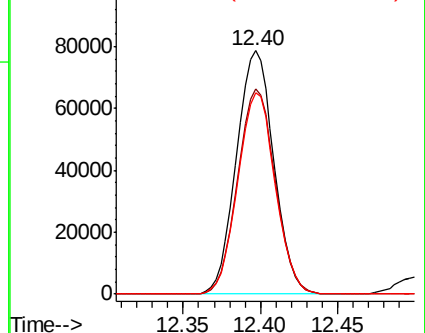
176 83.0 0.0 146.0

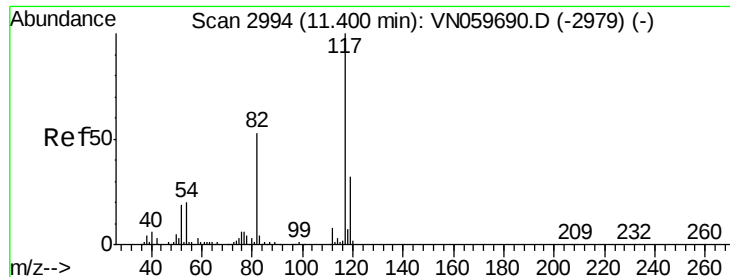


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

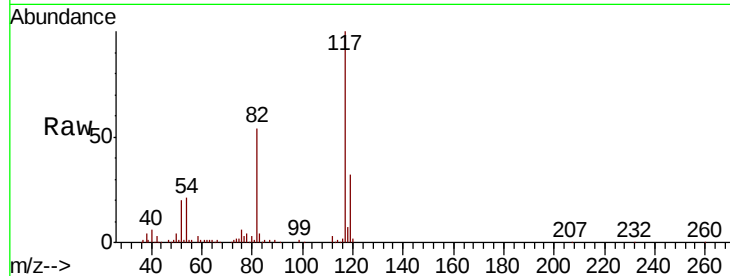




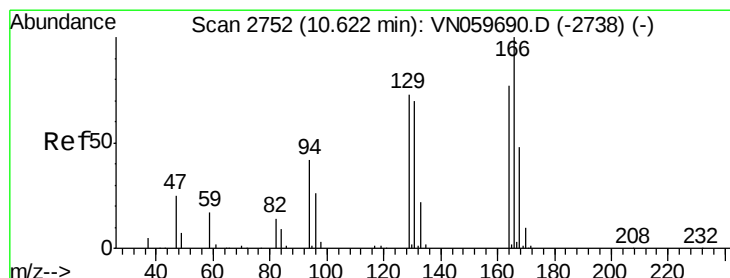
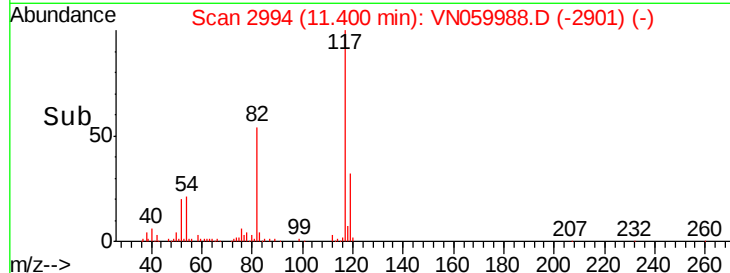
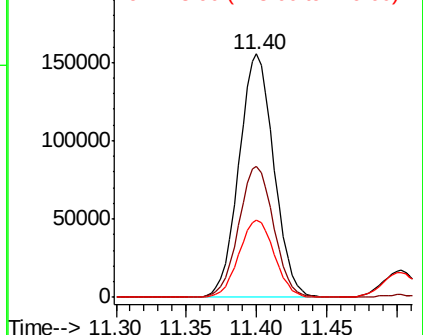
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tot Ion:117 Resp: 269706
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 31.8 25.5 38.3

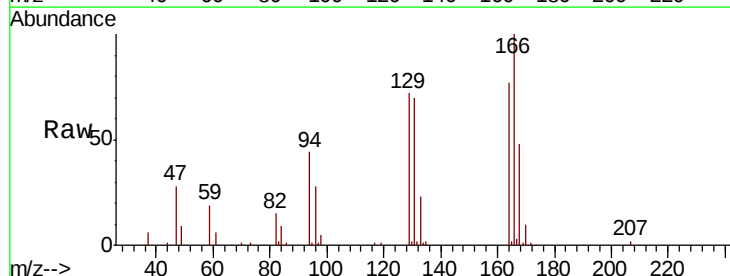


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

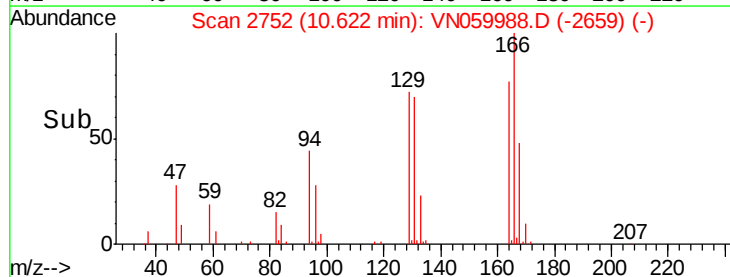
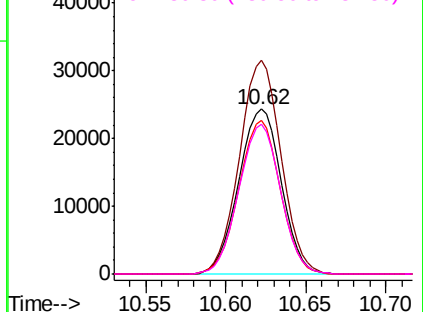


#64
Tetrachloroethene
Concen: 20.153 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion:164 Resp: 44298
Ion Ratio Lower Upper
164 100
166 129.5 101.4 152.0
129 93.5 80.2 120.4
131 90.8 75.0 112.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

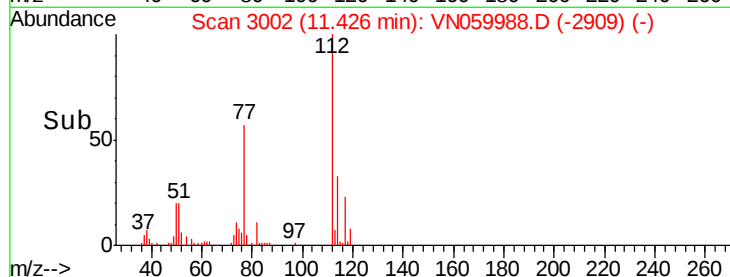
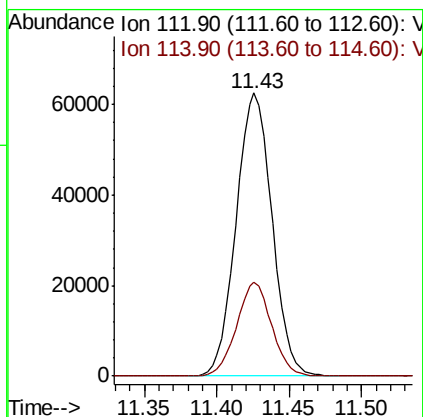
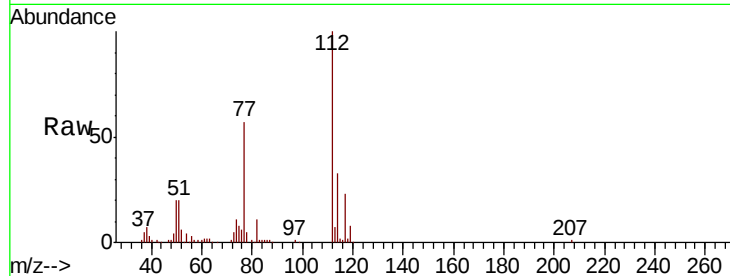




#65
Chlorobenzene
Concen: 20.291 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

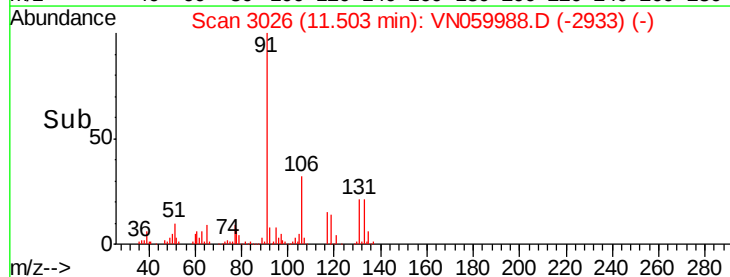
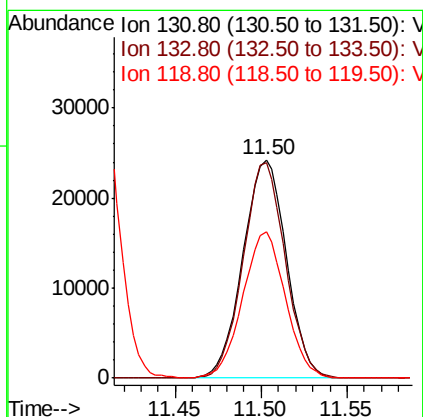
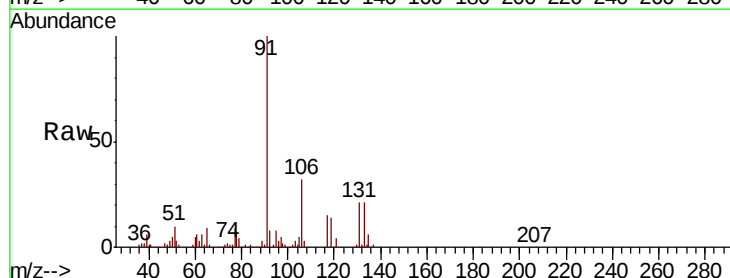
Instrument :
MSVOA_N
ClientSampled :
VN0204WBS01

Tot Ion:112 Resp: 107566
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 20.756 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion:131 Resp: 42515
Ion Ratio Lower Upper
131 100
133 95.9 47.4 142.2
119 65.9 33.1 99.3





#67

Ethyl Benzene

Concen: 19.870 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampled :

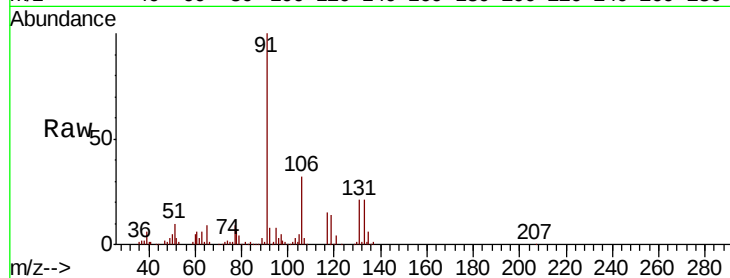
VN0204WBS01

Tot Ion: 91 Resp: 191217

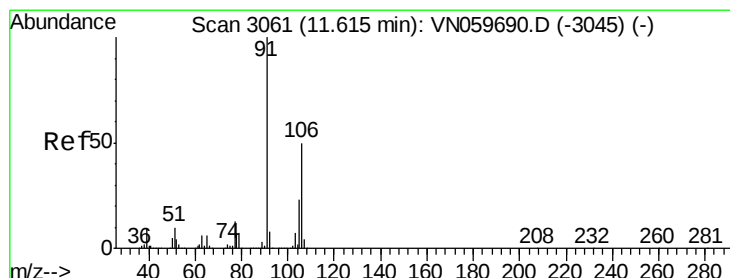
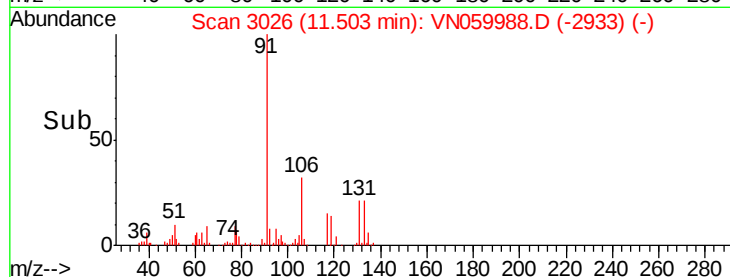
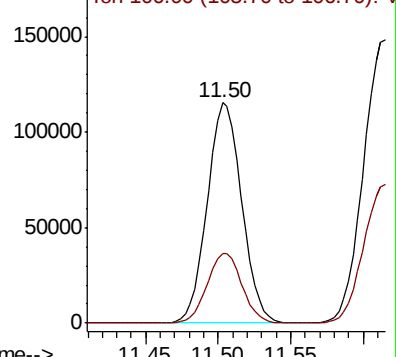
Ion Ratio Lower Upper

91 100

106 31.6 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059690.D (-3011) (-)



#68

m/p-Xylenes

Concen: 39.607 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059988.D

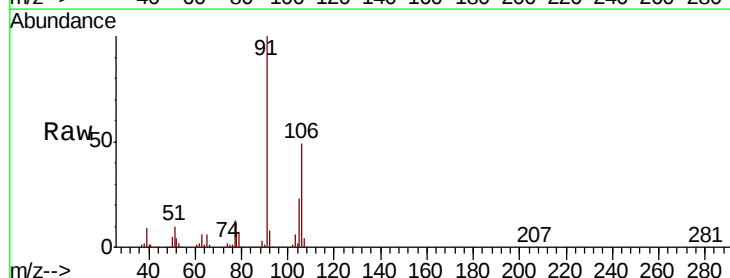
Acq: 4 Feb 2020 12:29

Tgt Ion: 106 Resp: 143976

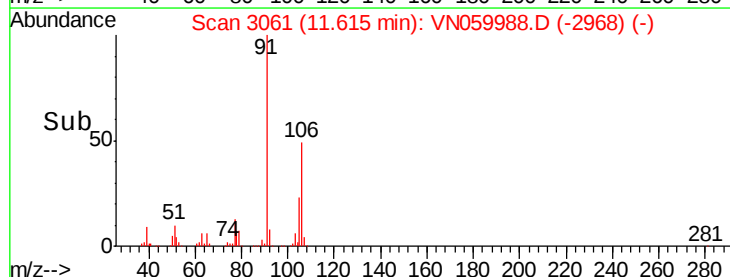
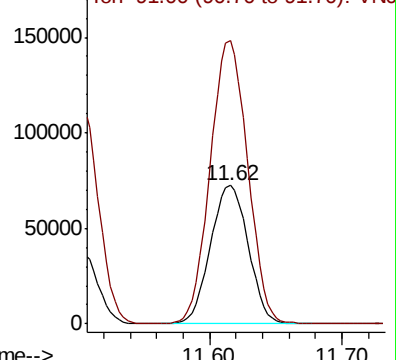
Ion Ratio Lower Upper

106 100

91 201.8 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059690.D (-3045) (-)

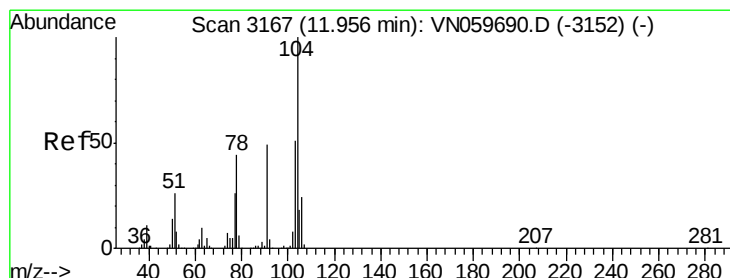
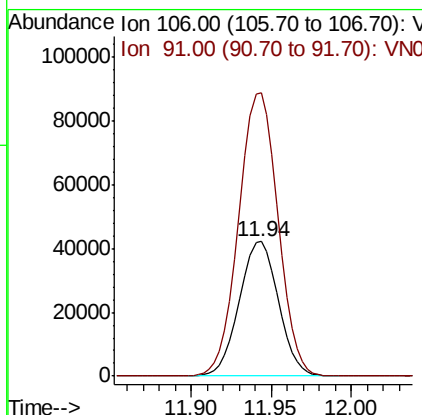
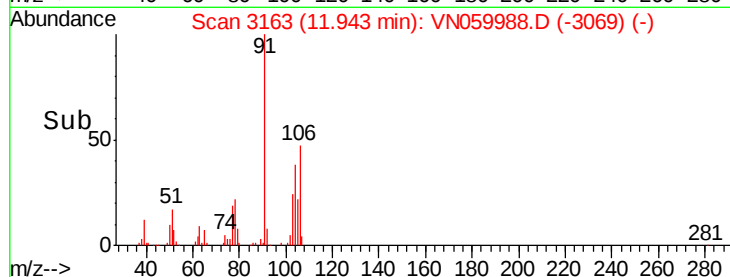
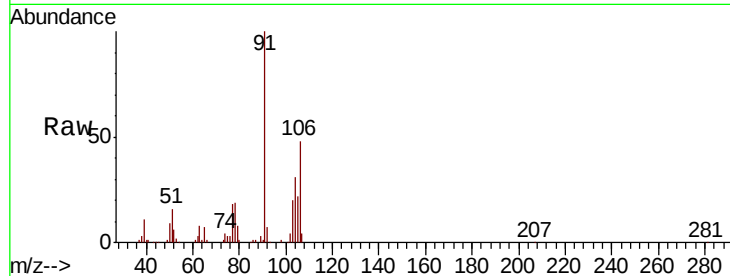




#69
o-Xylene
Concen: 19.822 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

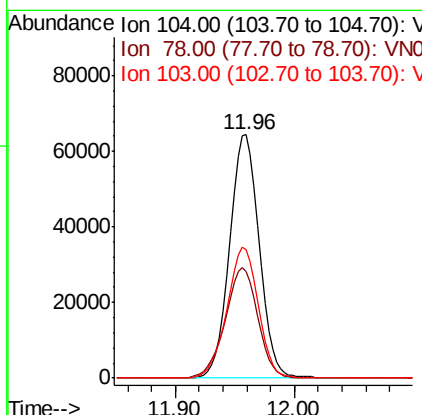
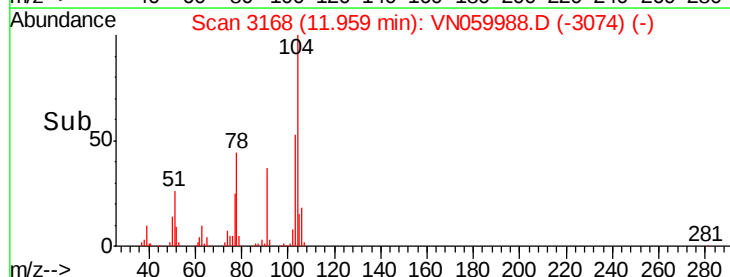
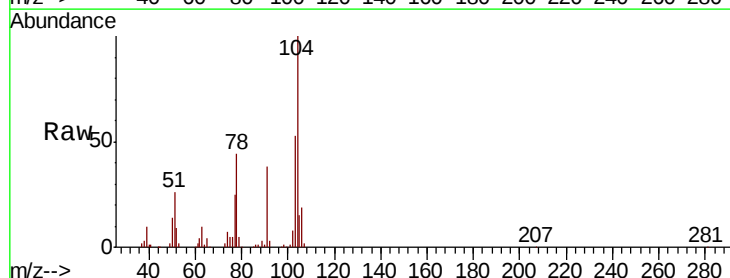
Instrument :
MSVOA_N
ClientSampled :
VN0204WBS01

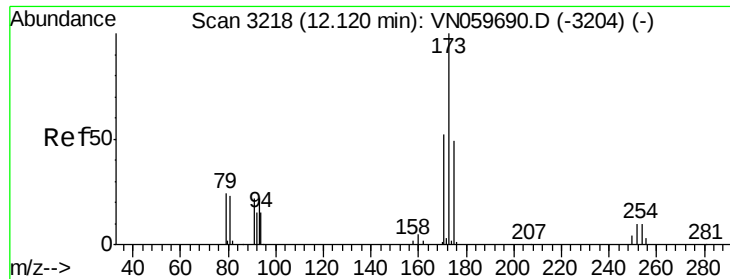
Tot Ion:106 Resp: 70542
Ion Ratio Lower Upper
106 100
91 211.3 110.3 330.9



#70
Styrene
Concen: 18.709 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion:104 Resp: 111417
Ion Ratio Lower Upper
104 100
78 49.8 42.4 63.6
103 56.7 43.9 65.9

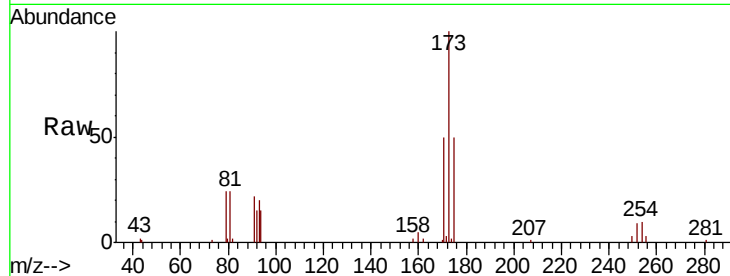




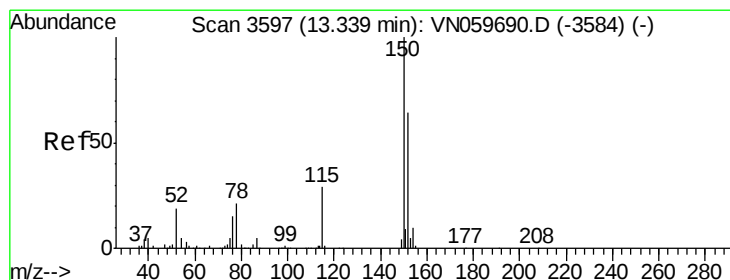
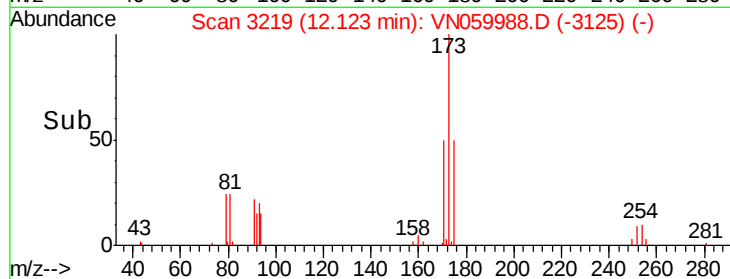
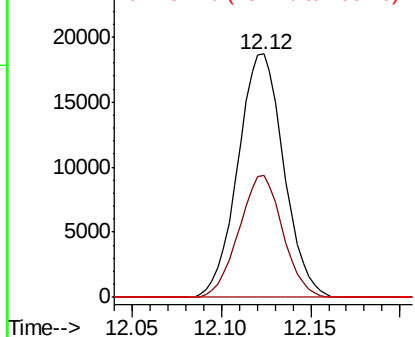
#71
Bromoform
Concen: 20.365 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN0204WBS01

Tot Ion:173 Resp: 33415
Ion Ratio Lower Upper
173 100
175 47.8 23.8 71.4
254 0.0 0.0 0.0

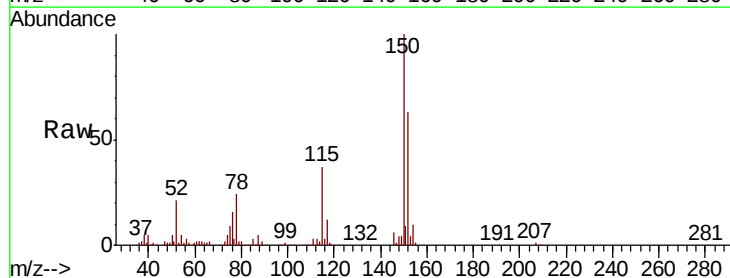


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

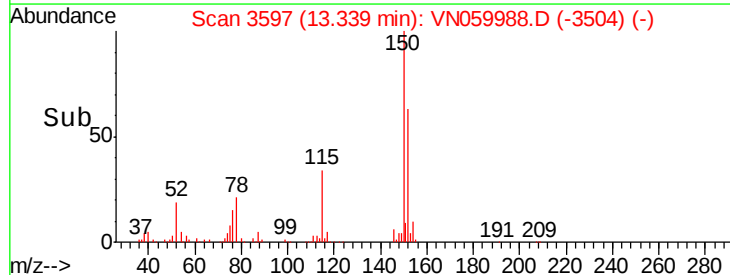
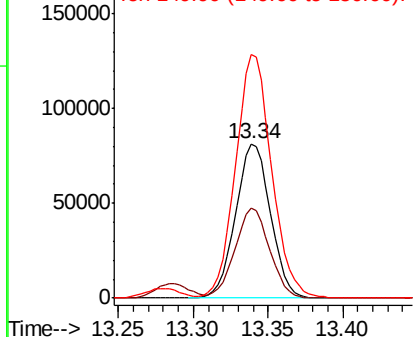


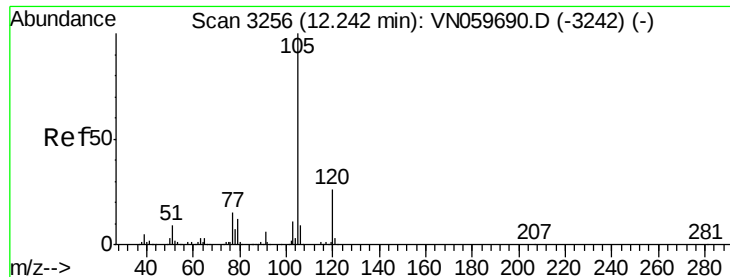
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion:152 Resp: 131847
Ion Ratio Lower Upper
152 100
115 58.0 30.3 90.9
150 163.7 0.0 345.2



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





#73

Isopropylbenzene

Concen: 19.722 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

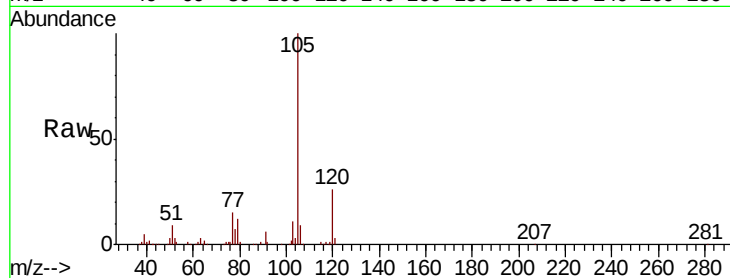
VN0204WBS01

Tot Ion:105 Resp: 190705

Ion Ratio Lower Upper

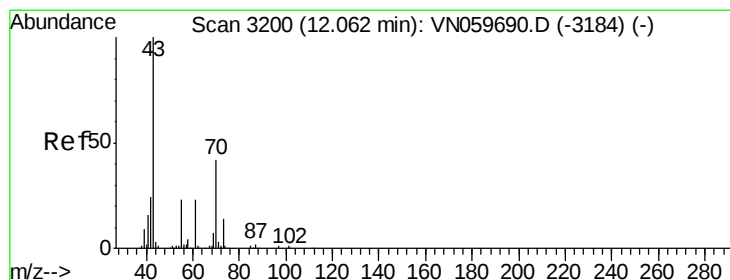
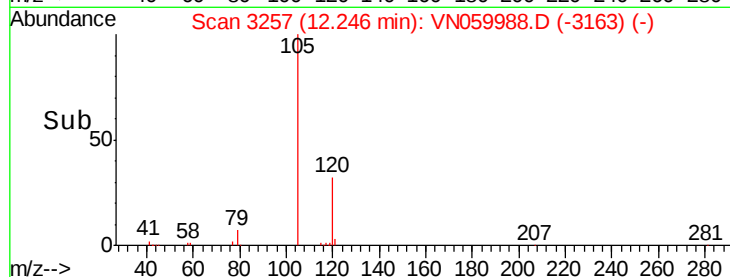
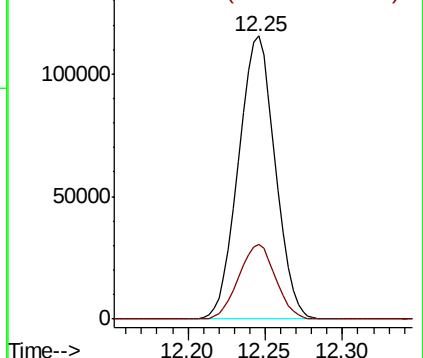
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.835 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Tgt Ion: 43 Resp: 70671

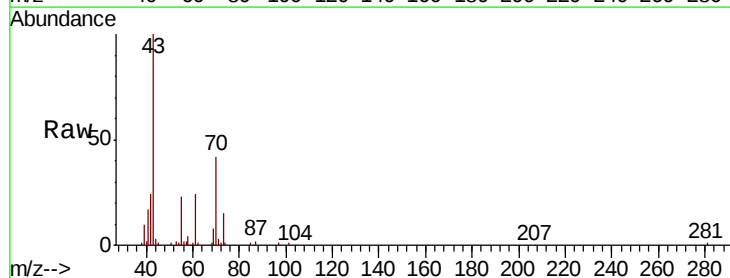
Ion Ratio Lower Upper

43 100

70 40.7 31.3 46.9

55 22.9 19.8 29.6

61 23.5 18.3 27.5

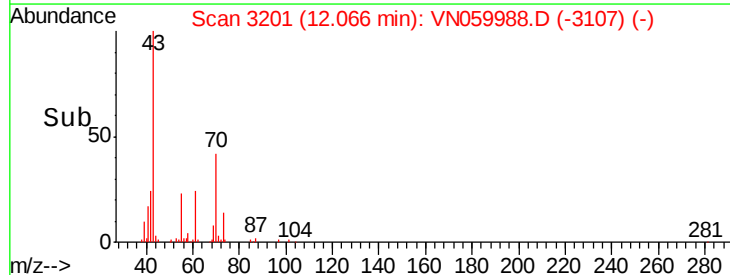
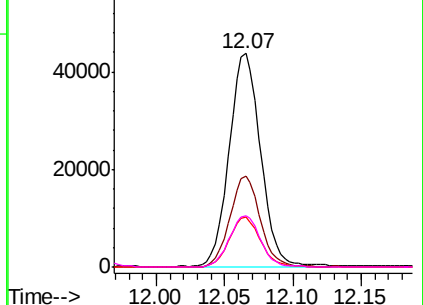


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.830 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

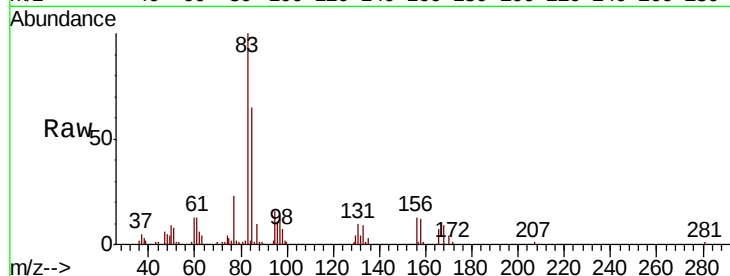
Tot Ion: 83 Resp: 55587

Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

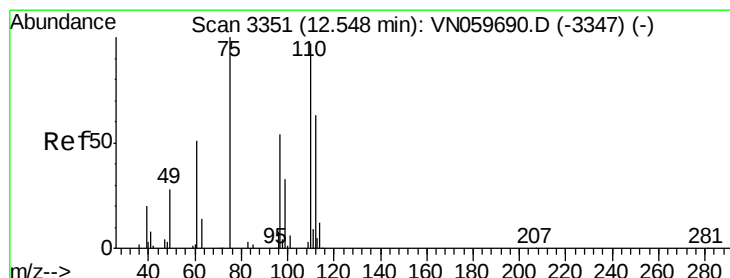
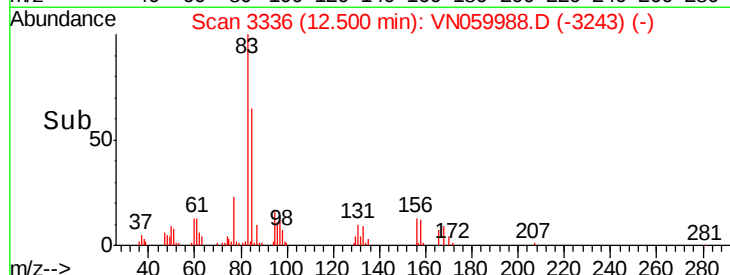
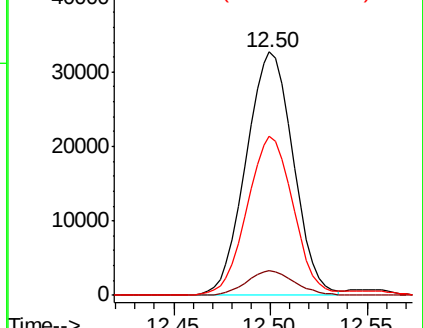
85 63.7 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 33.825 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059988.D

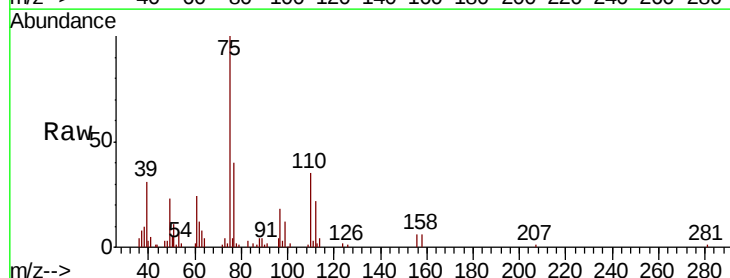
Acq: 4 Feb 2020 12:29

Tgt Ion: 75 Resp: 75052

Ion Ratio Lower Upper

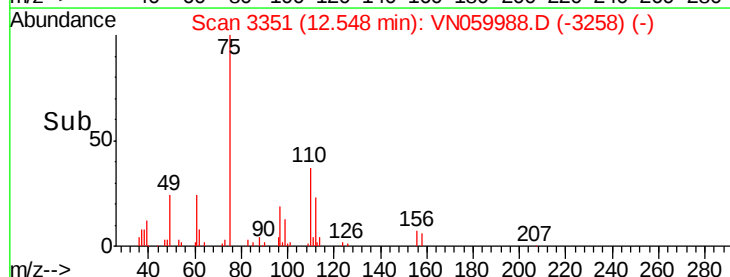
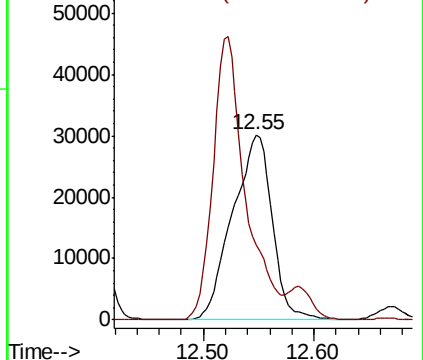
75 100

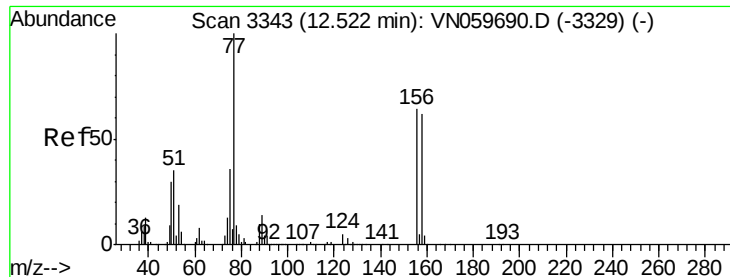
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 19.641 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

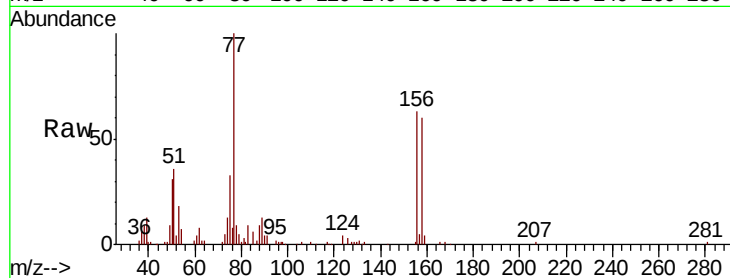
Tot Ion:156 Resp: 48096

Ion Ratio Lower Upper

156 100

77 193.7 115.8 347.4

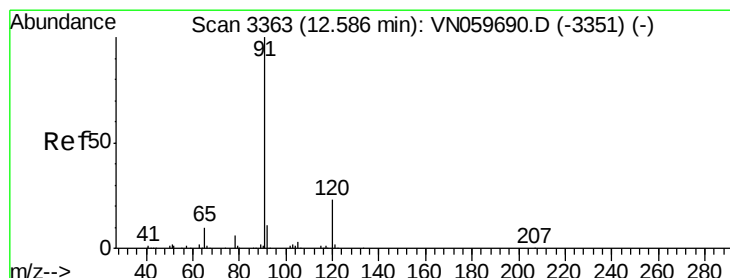
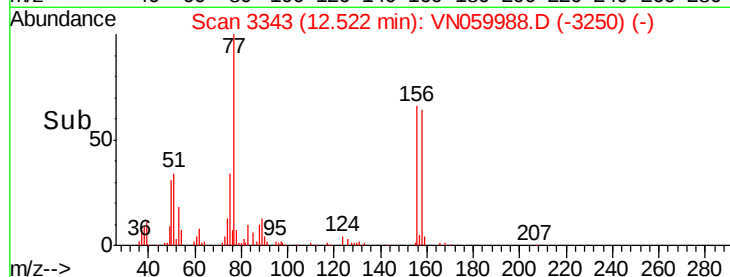
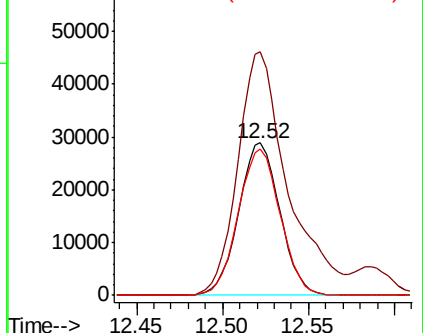
158 97.7 49.2 147.6



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: 19.688 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059988.D

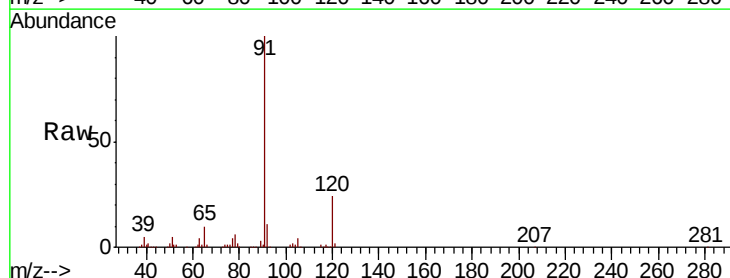
Acq: 4 Feb 2020 12:29

Tgt Ion: 91 Resp: 213672

Ion Ratio Lower Upper

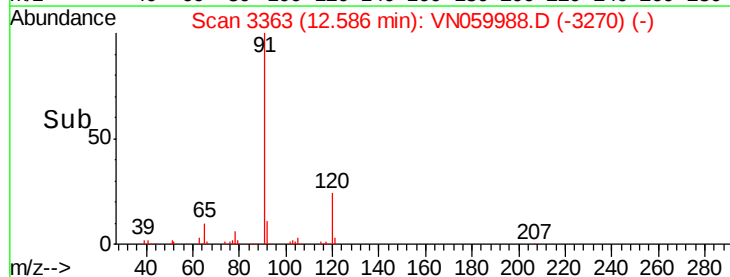
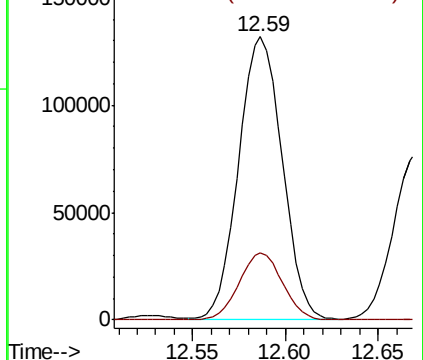
91 100

120 23.6 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.753 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

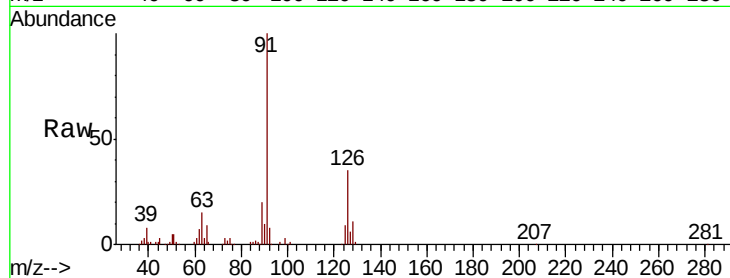
VN0204WBS01

Tot Ion: 91 Resp: 127538

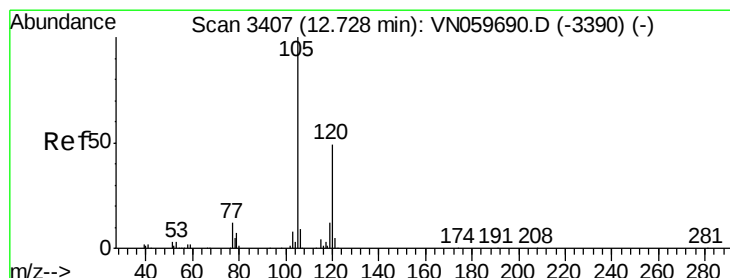
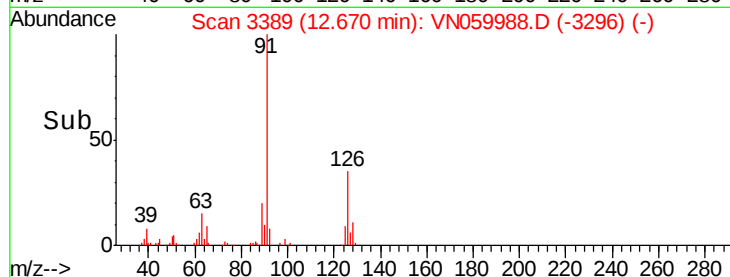
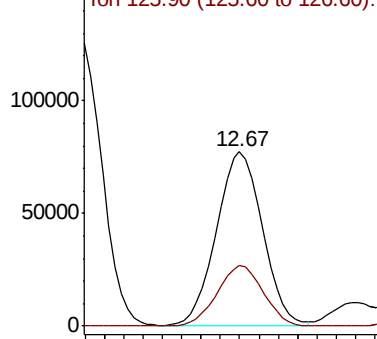
Ion Ratio Lower Upper

91 100

126 35.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059988.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.400 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059988.D

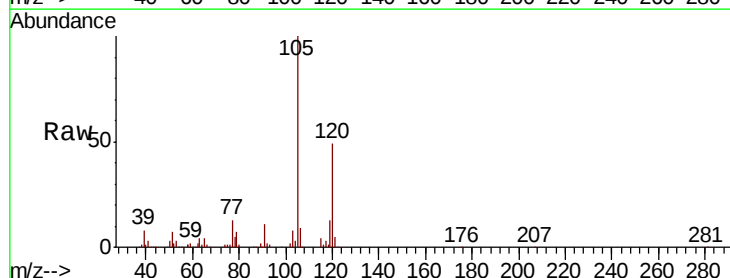
Acq: 4 Feb 2020 12:29

Tgt Ion: 105 Resp: 157767

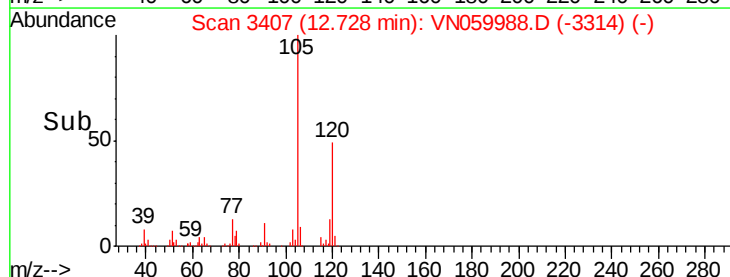
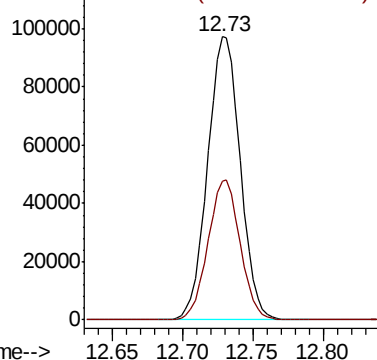
Ion Ratio Lower Upper

105 100

120 48.6 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059988.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.181 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

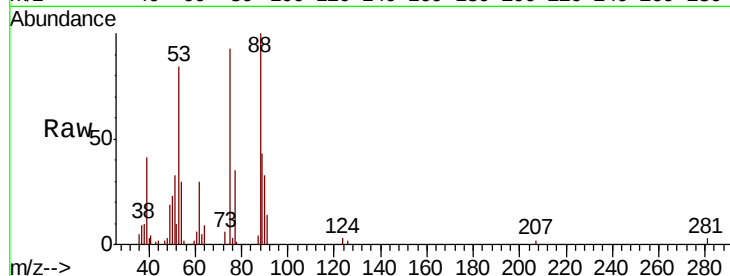
Tot Ion: 75 Resp: 19818

Ion Ratio Lower Upper

75 100

53 91.6 78.1 117.1

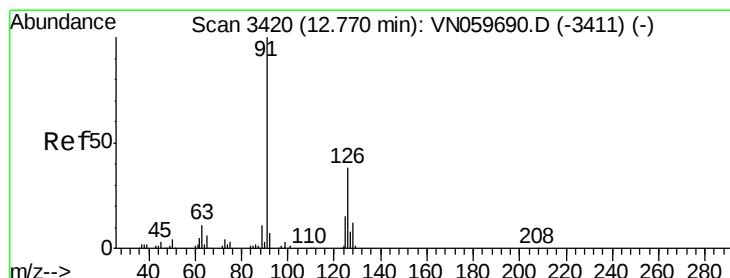
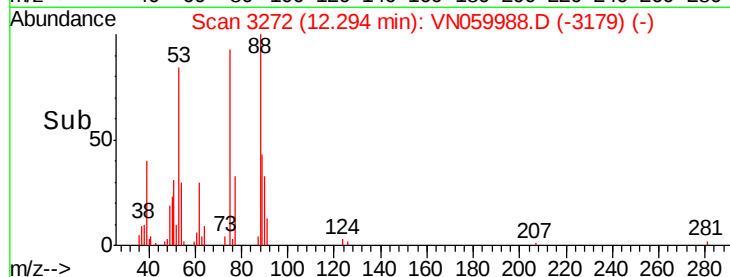
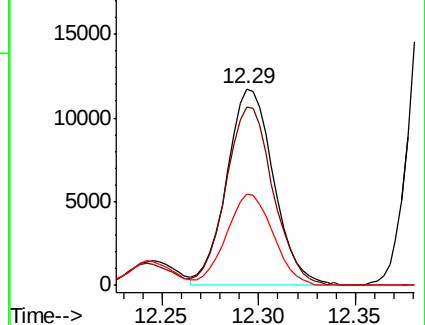
89 46.3 35.4 53.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.787 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059988.D

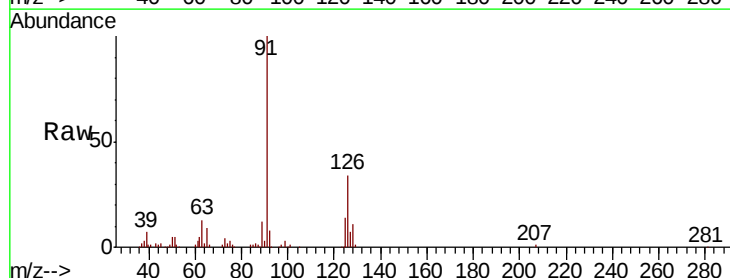
Acq: 4 Feb 2020 12:29

Tgt Ion: 91 Resp: 128140

Ion Ratio Lower Upper

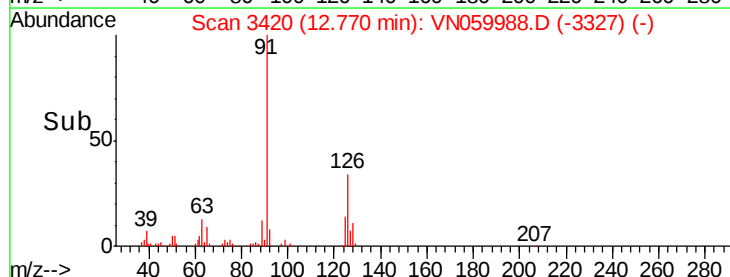
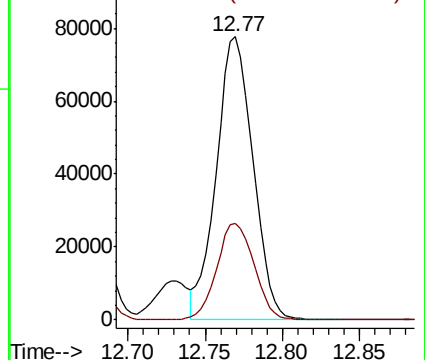
91 100

126 34.6 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

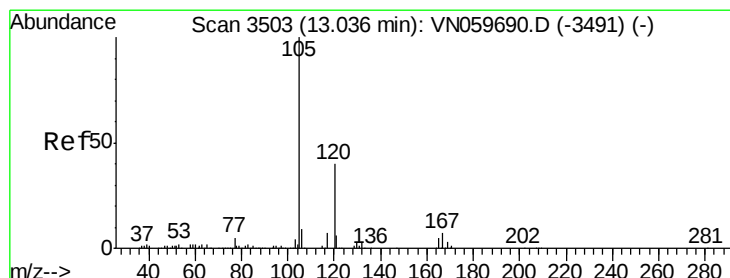
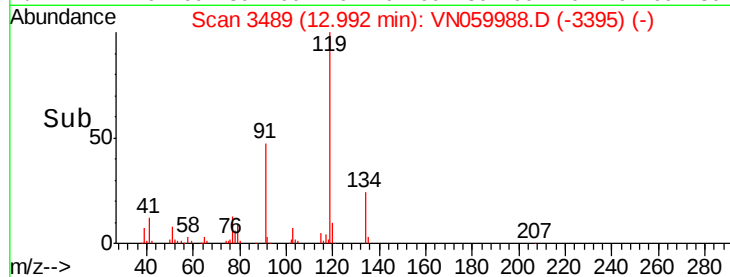
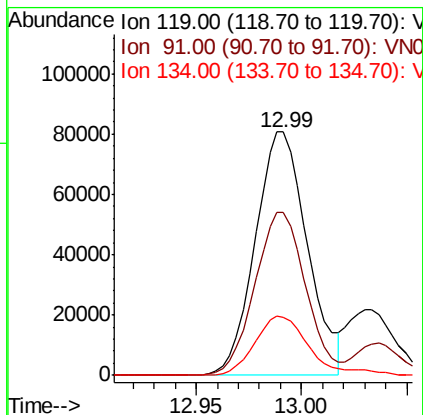
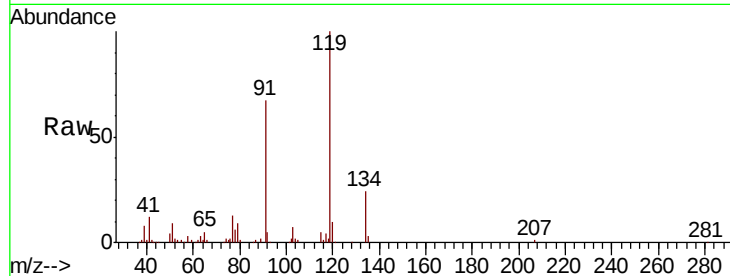




#83
tert-Butylbenzene
Concen: 19.769 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

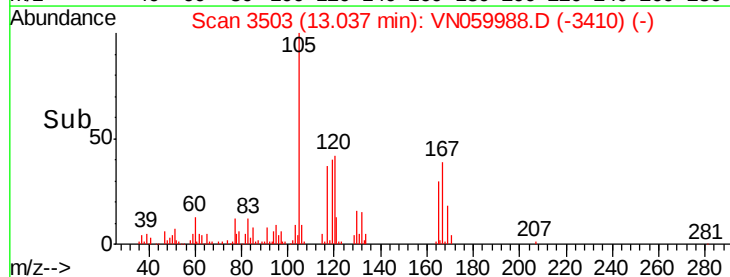
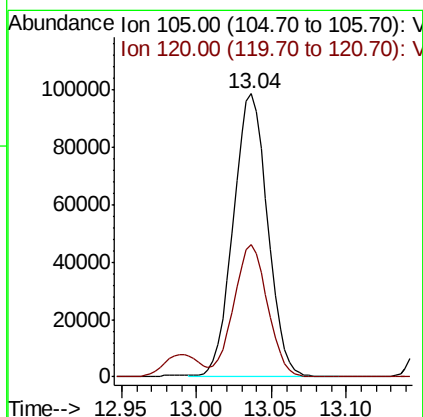
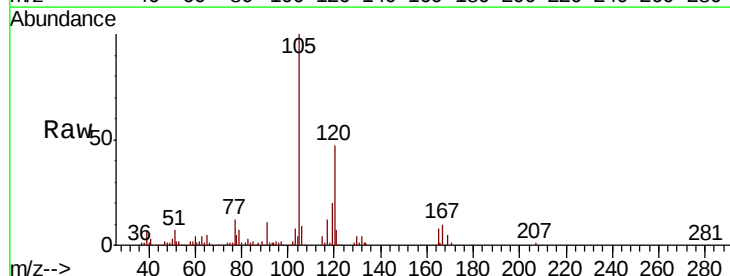
Instrument :
MSVOA_N
ClientSampled :
VN0204WBS01

Tot Ion:119 Resp: 139043
Ion Ratio Lower Upper
119 100
91 65.0 34.8 104.4
134 25.4 12.3 36.9



#84
1,2,4-Trimethylbenzene
Concen: 19.641 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion:105 Resp: 158016
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.749 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

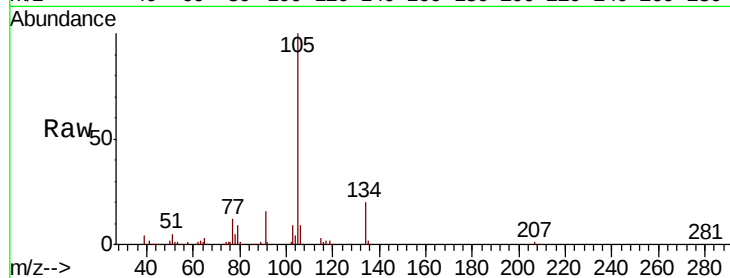
VN0204WBS01

Tot Ion:105 Resp: 182496

Ion Ratio Lower Upper

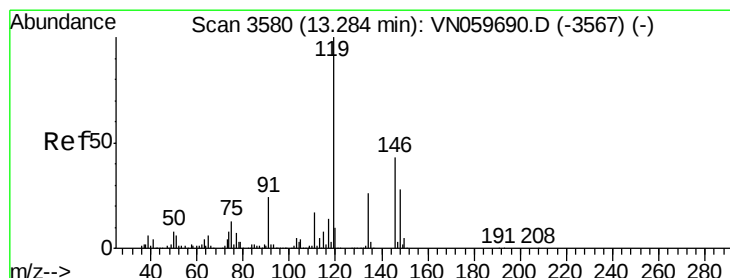
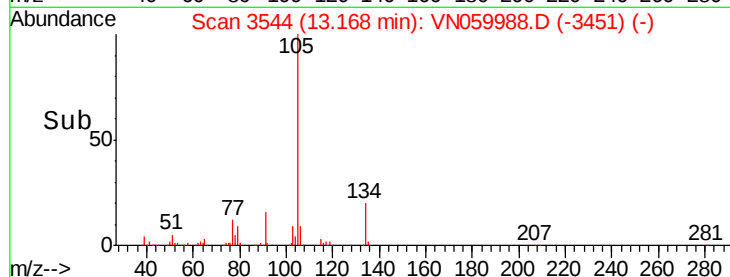
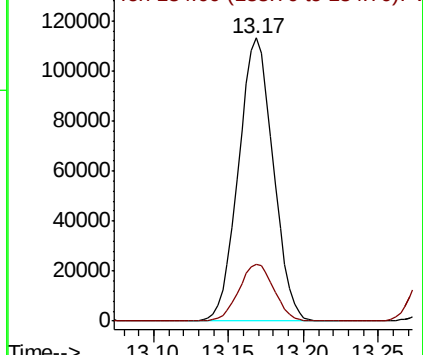
105 100

134 20.3 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.256 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

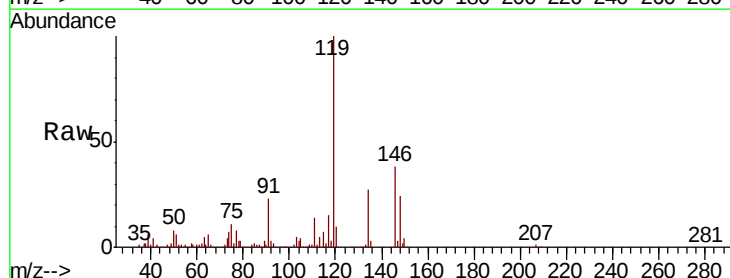
Tgt Ion:119 Resp: 164648

Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.7

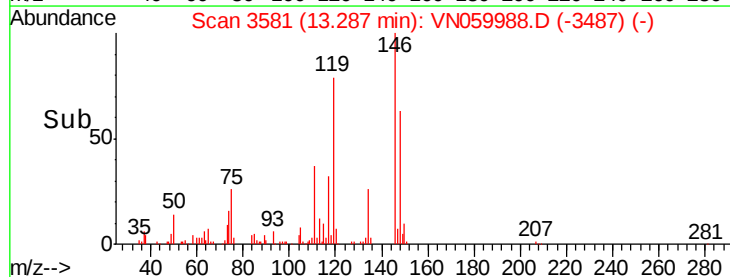
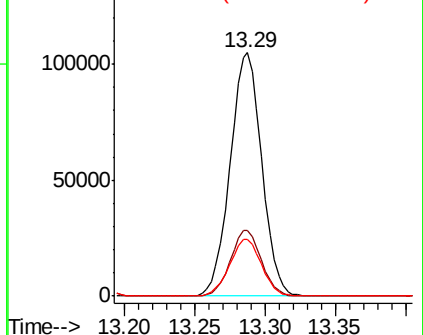
91 23.6 12.4 37.4

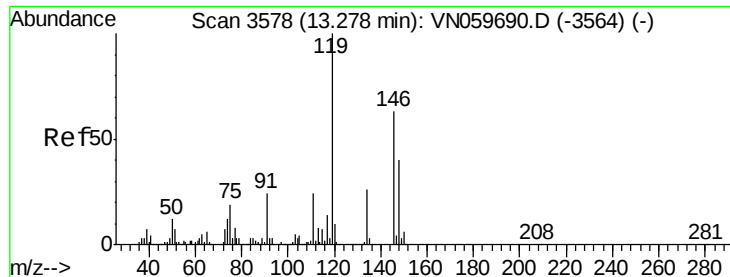


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.992 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

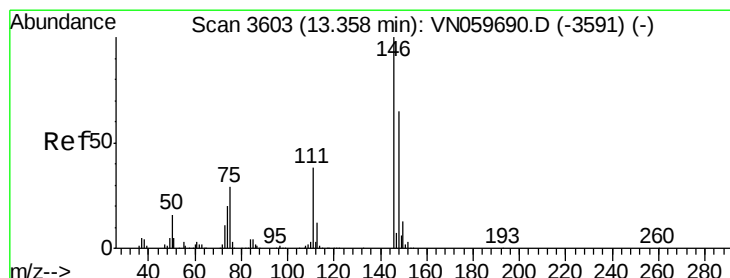
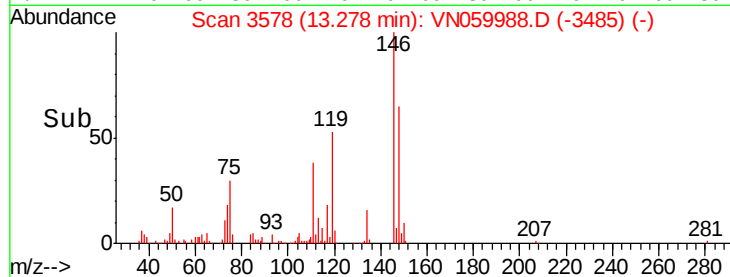
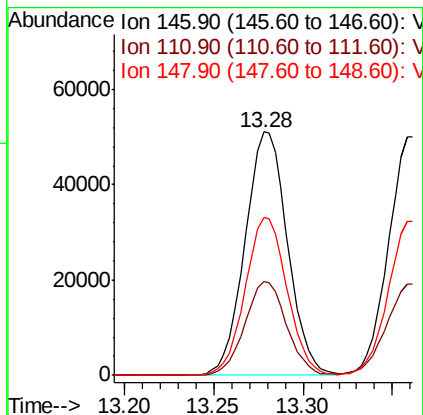
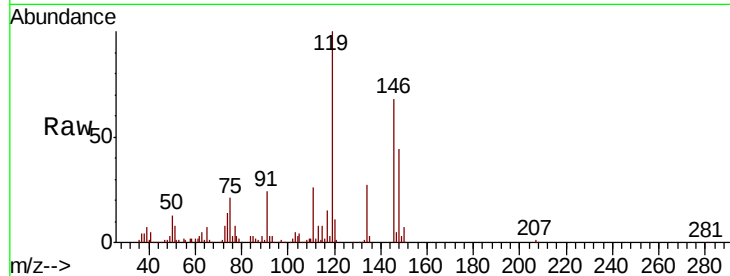
Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tot Ion:146 Resp: 85037

Ion	Ratio	Lower	Upper
146	100		
111	37.9	20.8	62.2
148	63.6	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 19.670 ug/l

RT: 13.36 min Scan# 3604

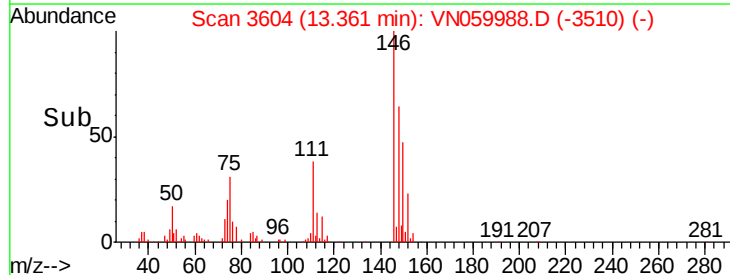
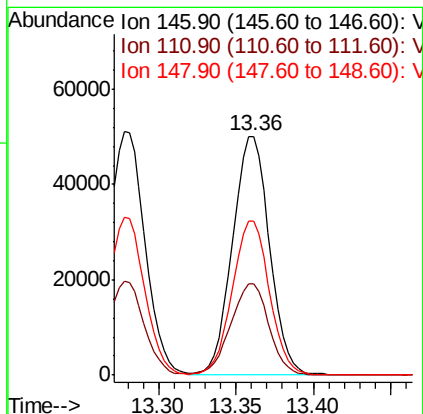
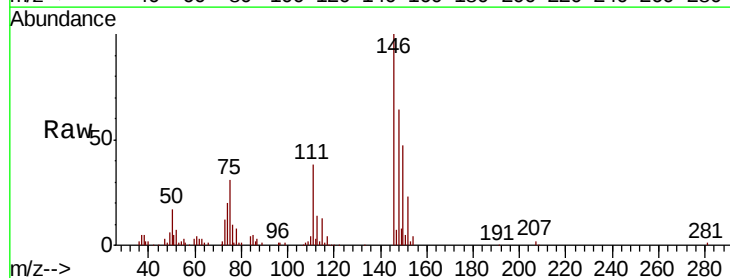
Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Tgt Ion:146 Resp: 83465

Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.8	62.2
148	64.8	31.8	95.4

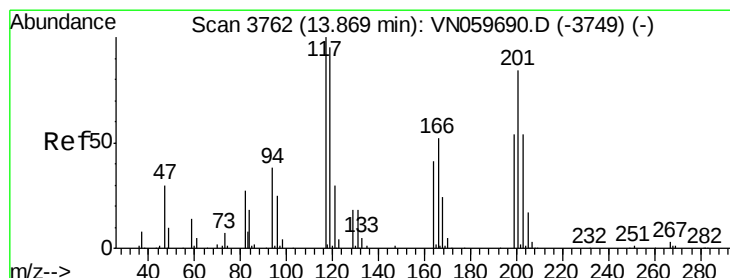
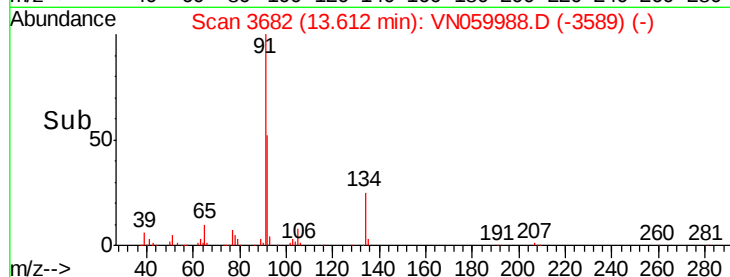
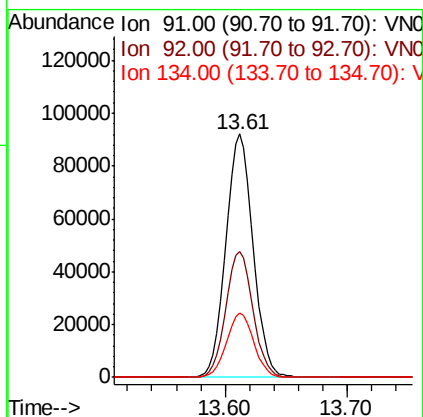
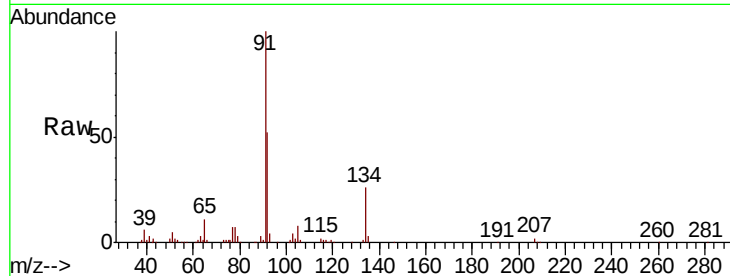




#89
n-Butylbenzene
Concen: 19.814 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

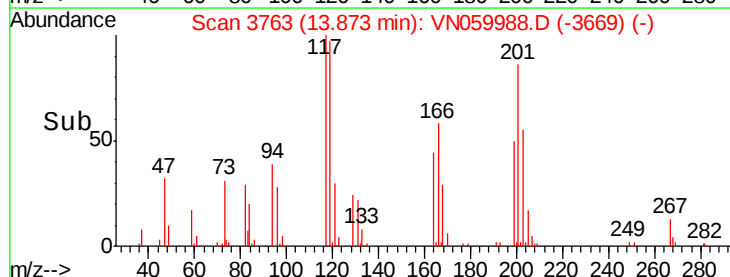
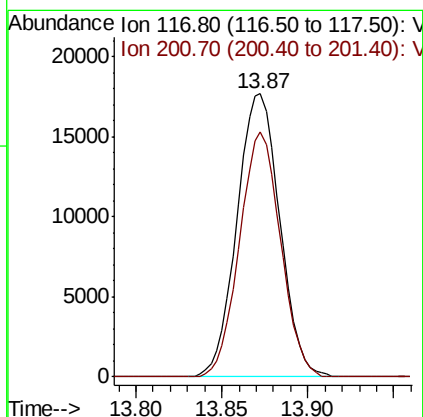
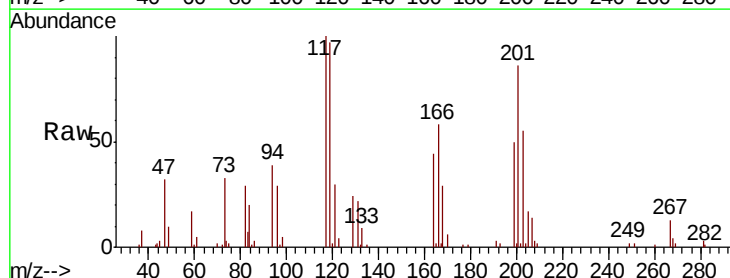
Instrument :
MSVOA_N
ClientSampled :
VN0204WBS01

Tot Ion: 91 Resp: 144453
Ion Ratio Lower Upper
91 100
92 51.4 25.9 77.7
134 26.2 12.3 36.8



#90
Hexachloroethane
Concen: 19.100 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion: 117 Resp: 30555
Ion Ratio Lower Upper
117 100
201 82.9 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 19.986 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0204WBS01

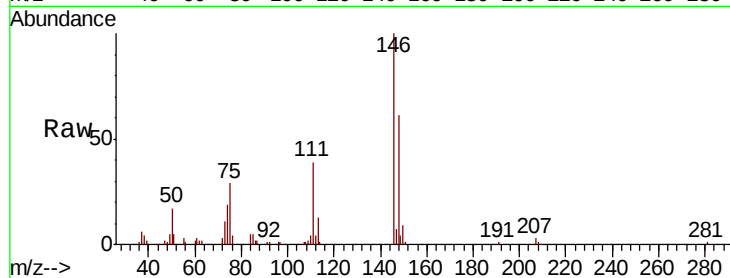
Tot Ion:146 Resp: 84045

Ion Ratio Lower Upper

146 100

111 39.5 21.6 64.8

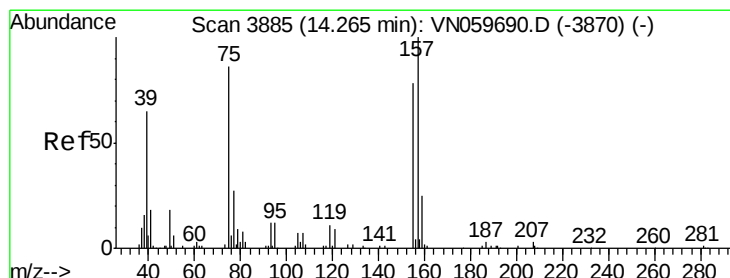
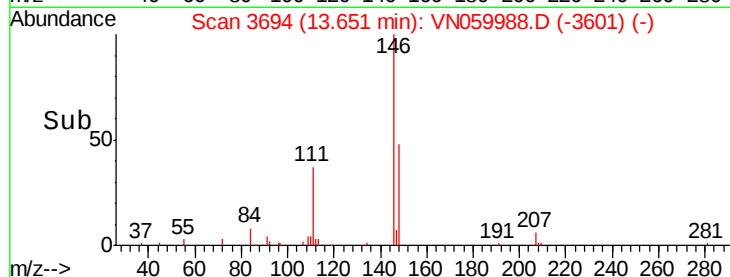
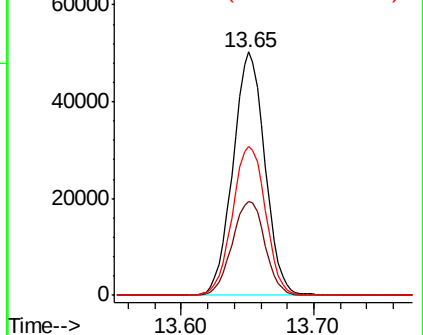
148 63.6 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.093 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN059988.D

Acq: 4 Feb 2020 12:29

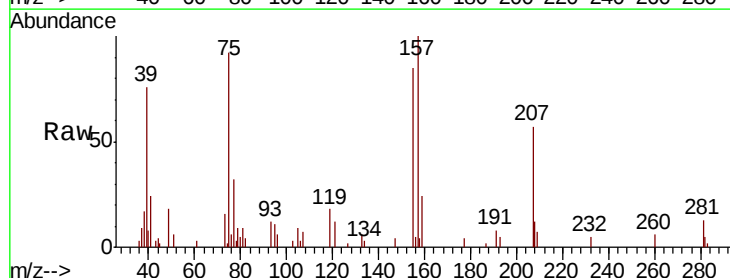
Tgt Ion: 75 Resp: 11688

Ion Ratio Lower Upper

75 100

155 87.9 37.0 110.9

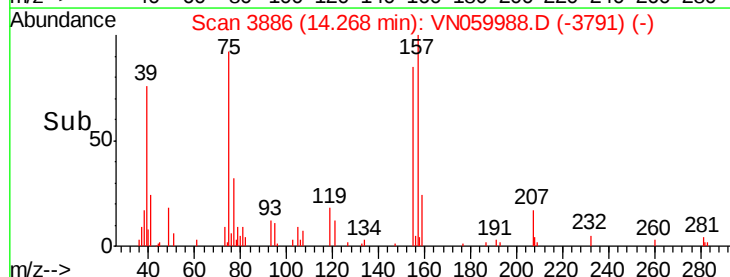
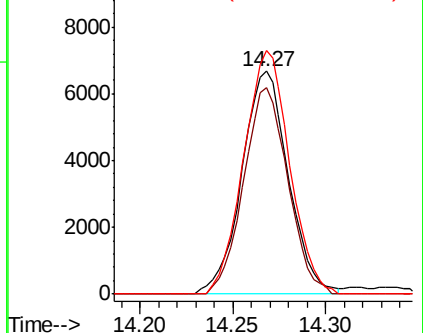
157 107.6 48.4 145.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

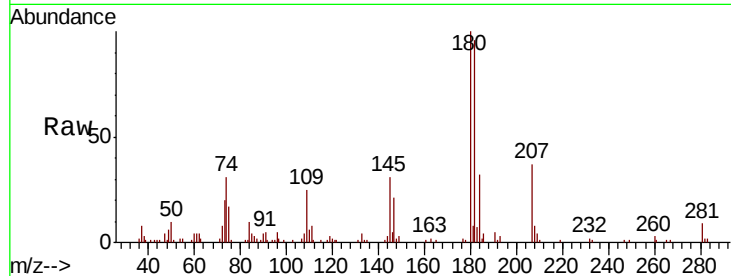




#93
1,2,4-Trichlorobenzene
Concen: 19.345 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.7
145	30.1	15.0	45.1

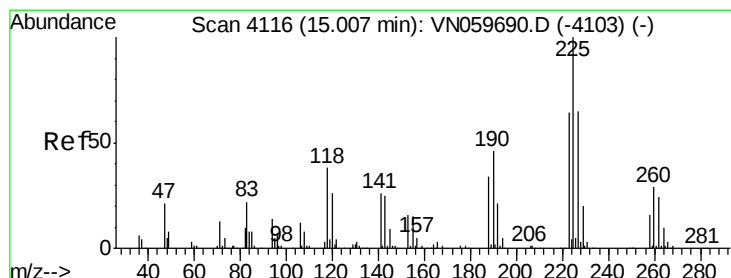
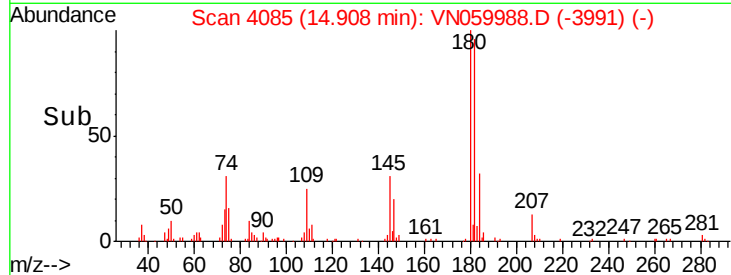
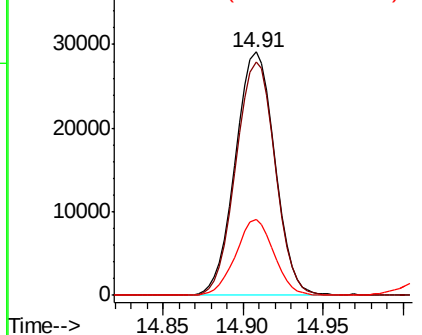


Abundance

Ion 179.80 (179.50 to 180.50): V

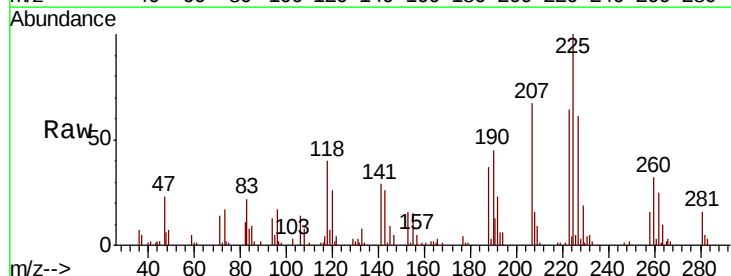
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 19.460 ug/l
RT: 15.01 min Scan# 4116
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.8	95.3
227	63.4	32.1	96.5

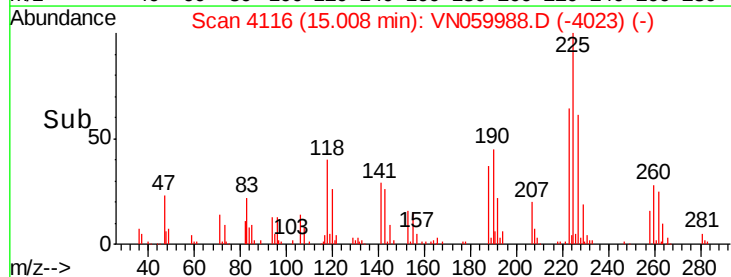
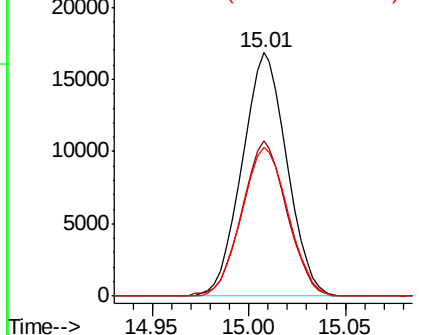


Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

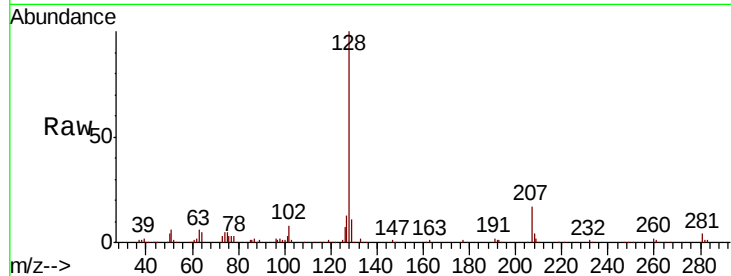




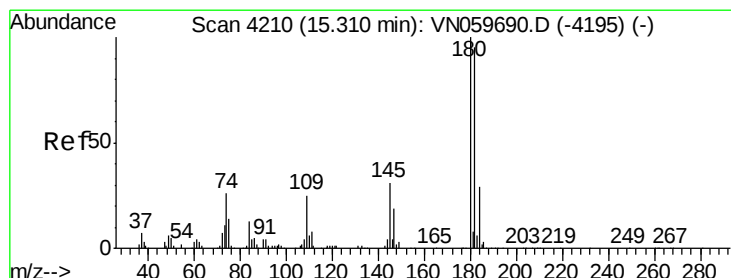
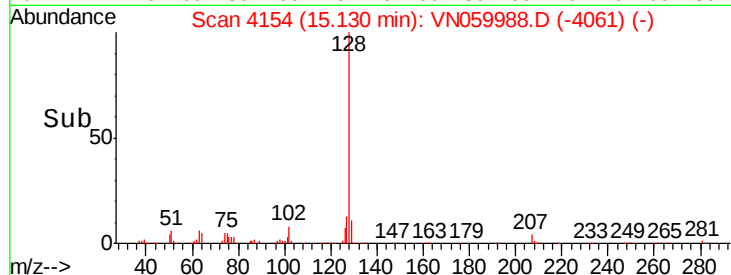
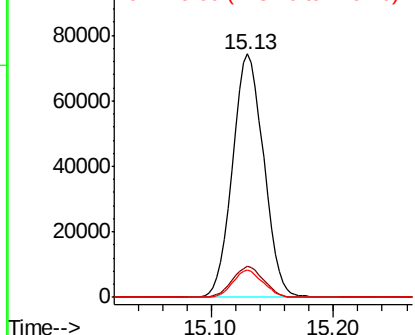
#95
Naphthalene
Concen: 18.375 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0204WBS01

Tot Ion:128 Resp: 132062
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.8 8.6 12.8

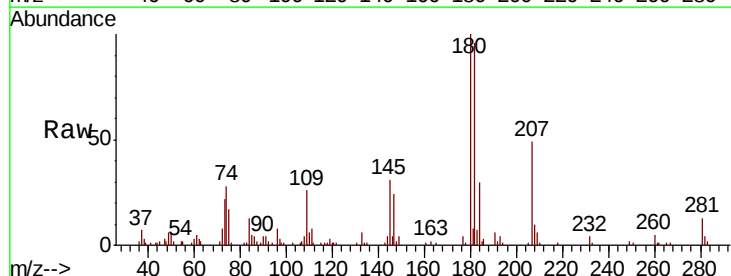


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.531 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059988.D
Acq: 4 Feb 2020 12:29

Tgt Ion:180 Resp: 48035
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.3
145 31.5 16.3 48.9



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

