

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059122.D
 Acq On : 7 Nov 2019 15:10
 Operator : JC/SP
 Sample : VN1107WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Quant Time: Nov 08 01:15:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	478151	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	756260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	677546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	301246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	298493	50.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.56%	
35) Dibromofluoromethane	7.57	113	230864	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
50) Toluene-d8	10.08	98	900978	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	314986	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	92187	19.136	ug/l	99
3) Chloromethane	2.04	50	122713	18.738	ug/l	99
4) Vinyl Chloride	2.17	62	122643	19.317	ug/l	99
5) Bromomethane	2.55	94	72626	19.878	ug/l	98
6) Chloroethane	2.68	64	73265	19.507	ug/l	98
7) Trichlorofluoromethane	3.00	101	150994	19.883	ug/l	99
8) Diethyl Ether	3.39	74	60244	19.523	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	90185	19.696	ug/l	99
10) Methyl Iodide	3.93	142	111749	19.717	ug/l	99
11) Tert butyl alcohol	4.75	59	107549	96.012	ug/l	98
12) 1,1-Dichloroethene	3.71	96	88964	19.945	ug/l	95
13) Acrolein	3.58	56	52149	90.296	ug/l	99
14) Allyl chloride	4.30	41	178341	19.465	ug/l	98
15) Acrylonitrile	4.95	53	293585	105.314	ug/l	99
16) Acetone	3.79	43	285761	93.492	ug/l	98
17) Carbon Disulfide	4.03	76	255099	18.424	ug/l	100
18) Methyl Acetate	4.30	43	156805	21.614	ug/l	97
19) Methyl tert-butyl Ether	5.01	73	310153	20.197	ug/l	98
20) Methylene Chloride	4.53	84	106504	20.001	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	95049	19.852	ug/l	96
22) Diisopropyl ether	5.92	45	350965	20.280	ug/l	96
23) Vinyl Acetate	5.87	43	1438749	107.269	ug/l	99
24) 1,1-Dichloroethane	5.82	63	192717	19.938	ug/l	100
25) 2-Butanone	6.81	43	404284	100.360	ug/l	99
26) 2,2-Dichloropropane	6.80	77	160644	19.007	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	110635	19.918	ug/l	99
28) Bromochloromethane	7.17	49	60886	20.937	ug/l	98
29) Tetrahydrofuran	7.19	42	266625	104.167	ug/l	99
30) Chloroform	7.35	83	184622	19.911	ug/l	98
31) Cyclohexane	7.63	56	175751	19.207	ug/l	95
32) 1,1,1-Trichloroethane	7.55	97	157660	20.224	ug/l	99
36) 1,1-Dichloropropene	7.77	75	137068	19.390	ug/l	99
37) Ethyl Acetate	6.90	43	163334	20.770	ug/l	98
38) Carbon Tetrachloride	7.75	117	137427	19.533	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.07	83	159269	19.414	ug/l	99
40) Benzene	8.02	78	426312	20.027	ug/l	100
41) Methacrylonitrile	7.18	41	231305	67.642	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	146392	20.052	ug/l	100
43) Isopropyl Acetate	8.14	43	247990	19.781	ug/l	99
44) Trichloroethene	8.82	130	103160	19.715	ug/l	98
45) 1,2-Dichloropropane	9.10	63	116338	20.121	ug/l	98
46) Dibromomethane	9.19	93	71432	19.826	ug/l	100
47) Bromodichloromethane	9.39	83	144331	20.061	ug/l	99
48) Methyl methacrylate	9.18	41	109296	19.490	ug/l	99
49) 1,4-Dioxane	9.18	88	36062	361.858	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	789757	111.332	ug/l	99
52) Toluene	10.15	92	253191	19.845	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	159730	19.217	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	176902	19.785	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	103333	20.012	ug/l	99
56) Ethyl methacrylate	10.42	69	153730	19.055	ug/l	100
57) 1,3-Dichloropropane	10.70	76	178137	20.045	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	306328	106.599	ug/l	100
59) 2-Hexanone	10.74	43	577246	106.018	ug/l	99
60) Dibromochloromethane	10.90	129	106133	19.441	ug/l	99
61) 1,2-Dibromoethane	11.00	107	103584	19.817	ug/l	100
64) Tetrachloroethene	10.63	164	90617	19.669	ug/l	98
65) Chlorobenzene	11.43	112	264689	20.040	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	99093	20.000	ug/l	99
67) Ethyl Benzene	11.51	91	473812	20.219	ug/l	99
68) m/p-Xylenes	11.62	106	348810	39.736	ug/l	99
69) o-Xylene	11.95	106	165863	19.552	ug/l	100
70) Styrene	11.96	104	267116	20.021	ug/l	99
71) Bromoform	12.12	173	76763	19.918	ug/l #	99
73) Isopropylbenzene	12.25	105	455836	20.802	ug/l	100
74) N-amyl acetate	12.07	43	187394	20.182	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	157897	21.159	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	206065	30.046	ug/l #	100
77) Bromobenzene	12.53	156	109350	19.862	ug/l	98
78) n-propylbenzene	12.59	91	516415	20.582	ug/l	99
79) 2-Chlorotoluene	12.67	91	314427	20.201	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	382203	20.584	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	50470	19.437	ug/l	96
82) 4-Chlorotoluene	12.77	91	318410	20.396	ug/l	100
83) tert-Butylbenzene	12.99	119	325712	20.313	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	374192	20.830	ug/l	100
85) sec-Butylbenzene	13.17	105	424932	20.377	ug/l	100
86) p-Isopropyltoluene	13.29	119	377554	20.504	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	187537	19.893	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	184289	19.538	ug/l	98
89) n-Butylbenzene	13.62	91	318403	19.757	ug/l	100
90) Hexachloroethane	13.88	117	72449	19.594	ug/l	98
91) 1,2-Dichlorobenzene	13.66	146	189222	20.404	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	31807	21.379	ug/l	95

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Quant Title : SW846 8260
QLast Update : Thu Nov 07 04:00:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	98203	19.436	ug/l	98
94) Hexachlorobutadiene	15.01	225	62599	19.576	ug/l	100
95) Naphthalene	15.13	128	267650	19.146	ug/l	99
96) 1,2,3-Trichlorobenzene	15.30	180	99682	19.180	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

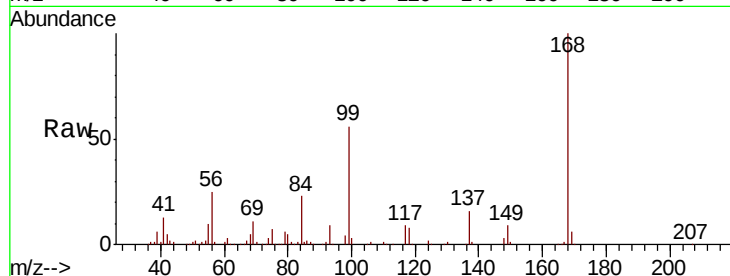
VN1107WBSD02

Tot Ion:168 Resp: 478151

Ion Ratio Lower Upper

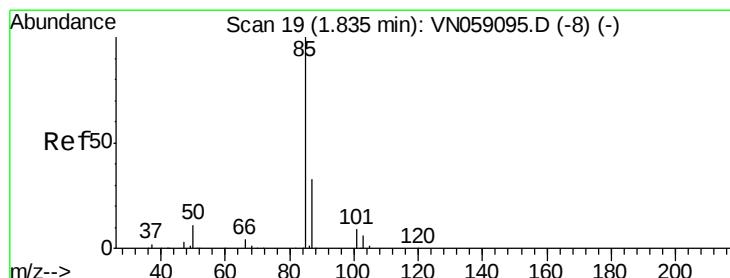
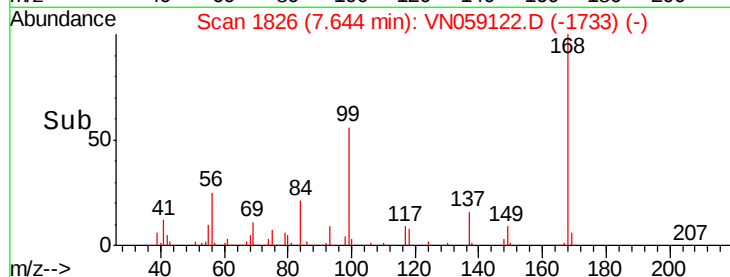
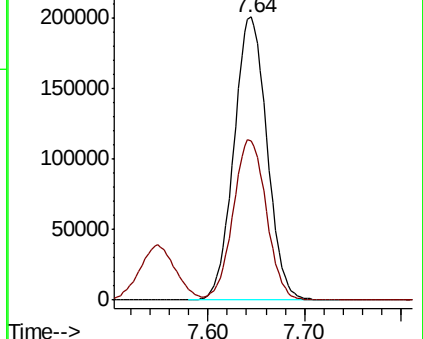
168 100

99 56.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.136 ug/l

RT: 1.83 min Scan# 19

Delta R.T. -0.00 min

Lab File: VN059122.D

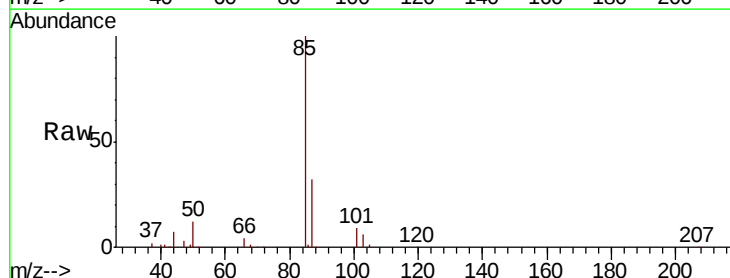
Acq: 7 Nov 2019 15:10

Tgt Ion: 85 Resp: 92187

Ion Ratio Lower Upper

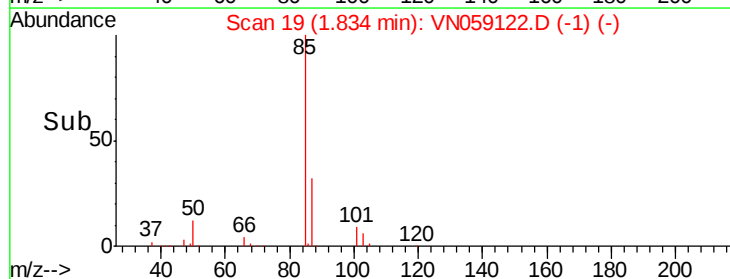
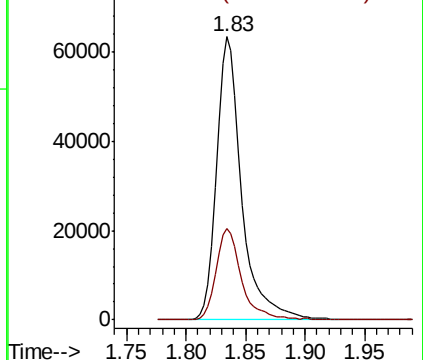
85 100

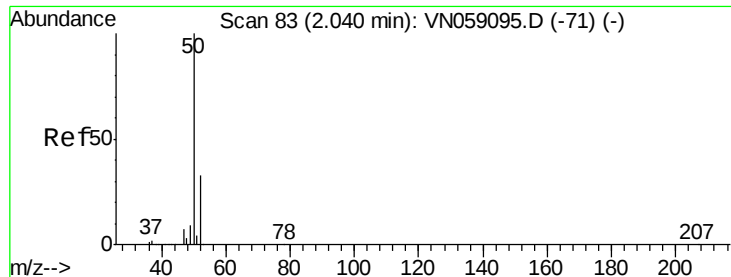
87 32.3 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.738 ug/l

RT: 2.04 min Scan# 83

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

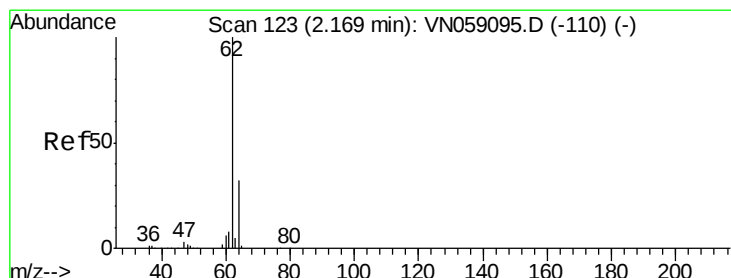
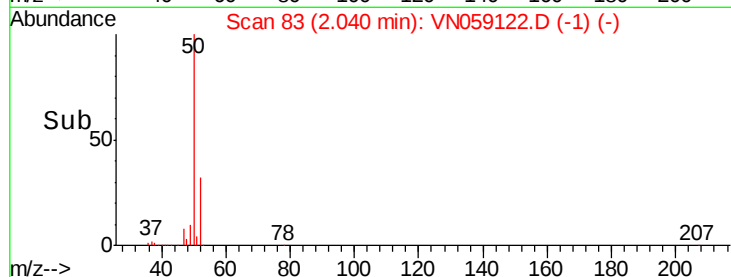
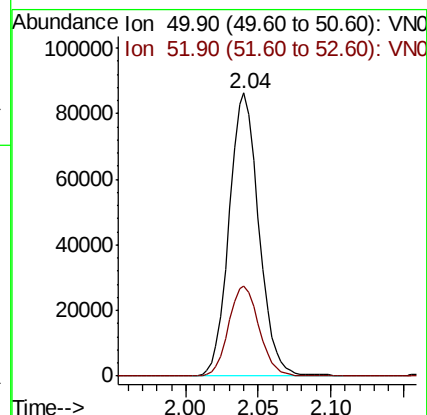
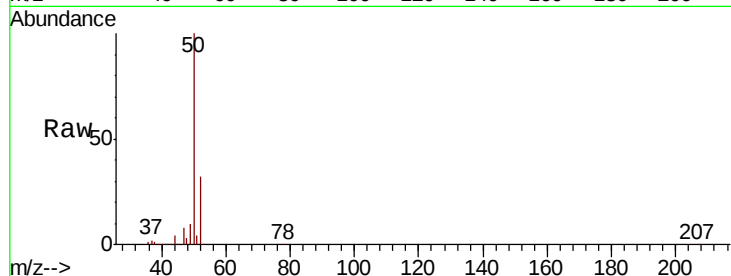
VN1107WBSD02

Tot Ion: 50 Resp: 122713

Ion Ratio Lower Upper

50 100

52 32.0 26.0 39.0



#4

Vinyl Chloride

Concen: 19.317 ug/l

RT: 2.17 min Scan# 123

Delta R.T. -0.00 min

Lab File: VN059122.D

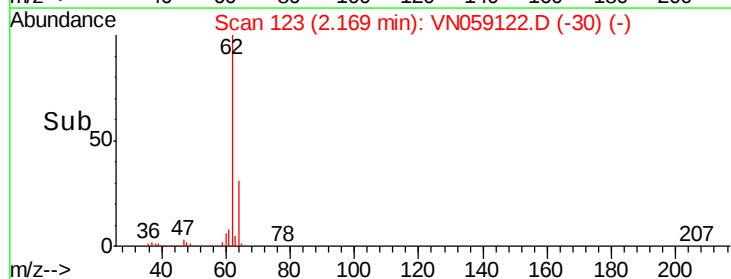
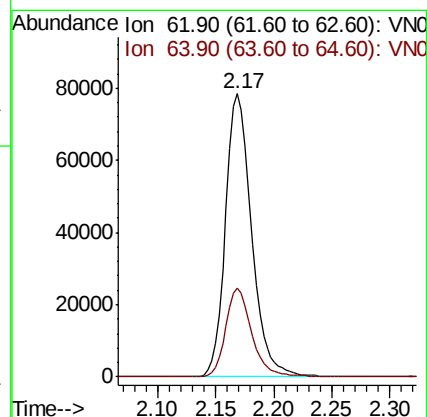
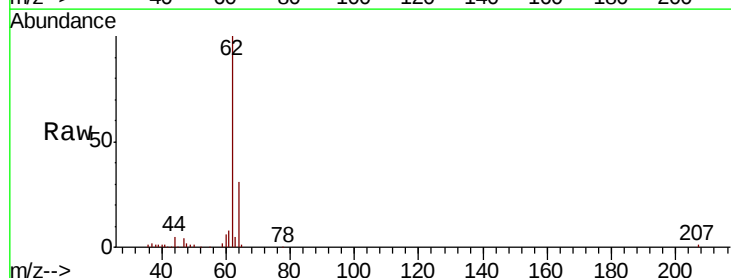
Acq: 7 Nov 2019 15:10

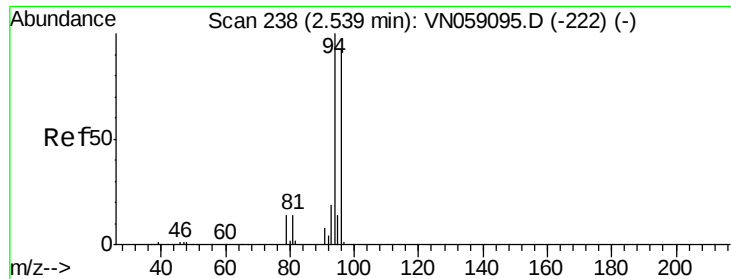
Tgt Ion: 62 Resp: 122643

Ion Ratio Lower Upper

62 100

64 31.4 25.4 38.2





#5

Bromomethane

Concen: 19.878 ug/l

RT: 2.55 min Scan# 241

Delta R.T. 0.01 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

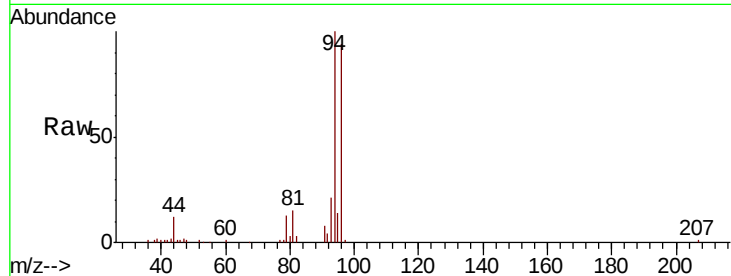
VN1107WBSD02

Tot Ion: 94 Resp: 72626

Ion Ratio Lower Upper

94 100

96 94.2 74.2 111.2

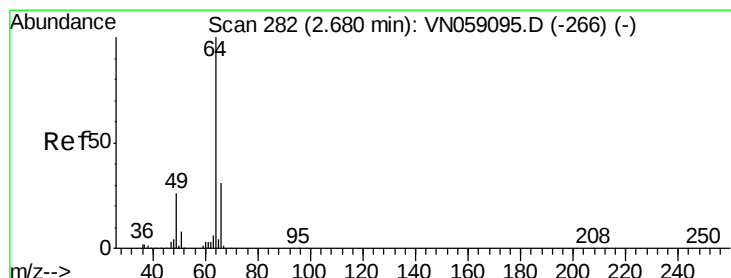
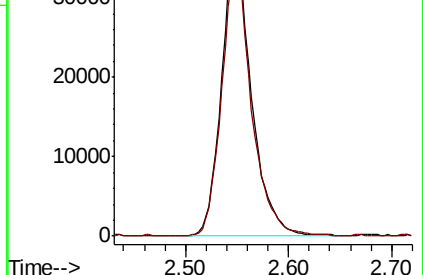
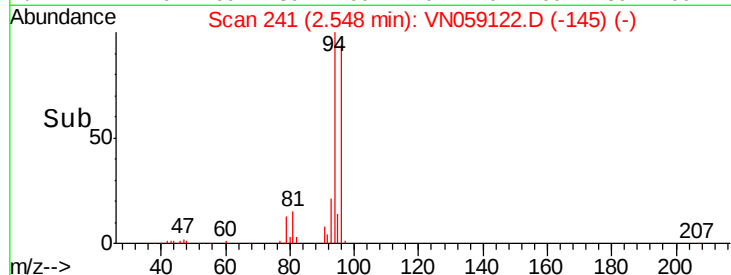


Abundance Ion 93.90 (93.60 to 94.60): VN059122.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN059122.D (-145) (-)

2.55

Time-->



#6

Chloroethane

Concen: 19.507 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059122.D

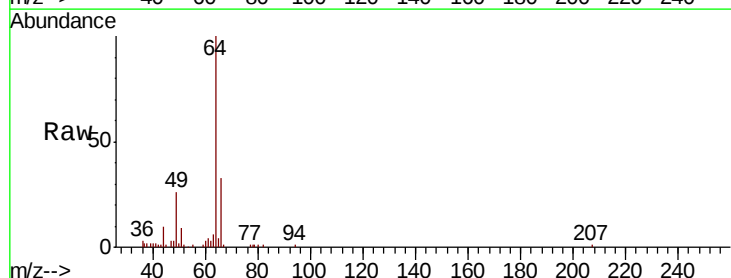
Acq: 7 Nov 2019 15:10

Tgt Ion: 64 Resp: 73265

Ion Ratio Lower Upper

64 100

66 32.7 25.2 37.8

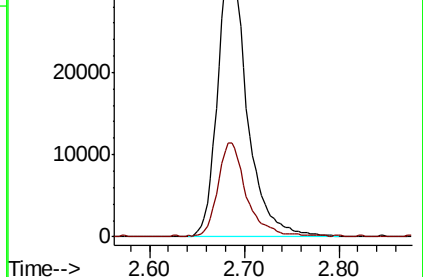
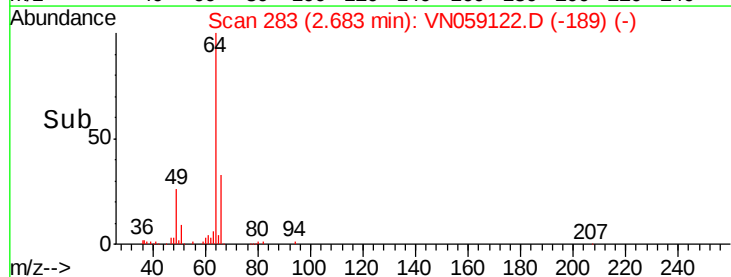


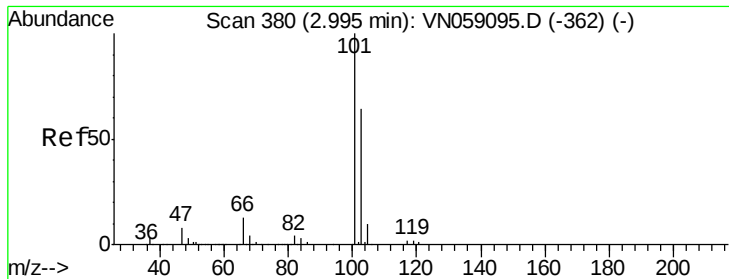
Abundance Ion 63.90 (63.60 to 64.60): VN059122.D (-189) (-)

Ion 65.90 (65.60 to 66.60): VN059122.D (-189) (-)

2.68

Time-->



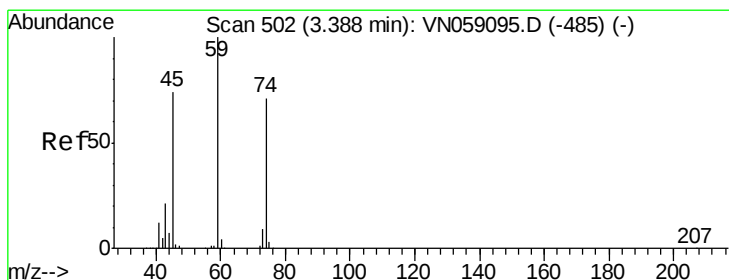
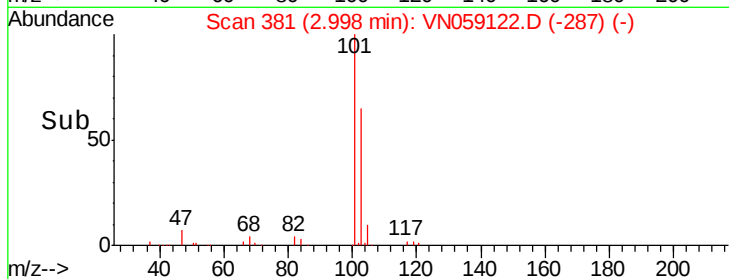
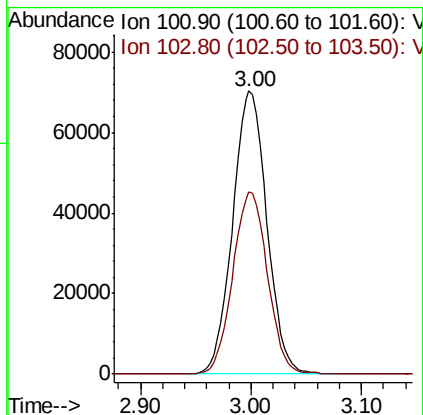
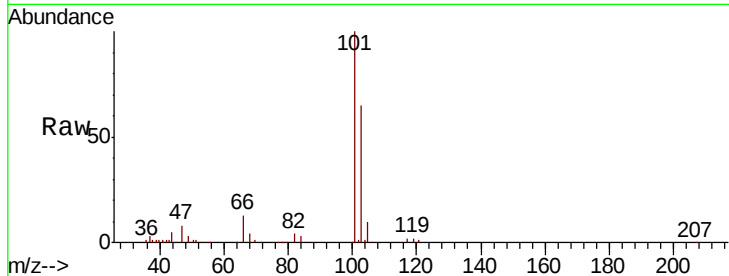


#7

Trichlorofluoromethane
Concen: 19.883 ug/l
RT: 3.00 min Scan# 381
Delta R.T. 0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Instrument :
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VN1107WBSD02

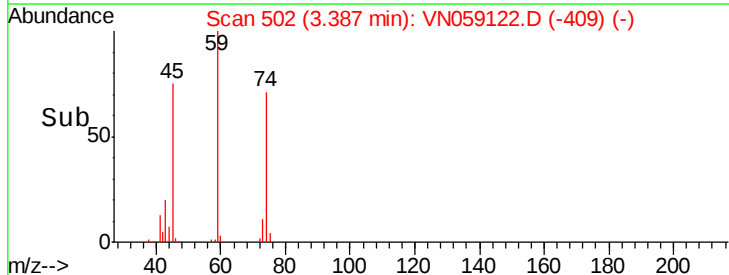
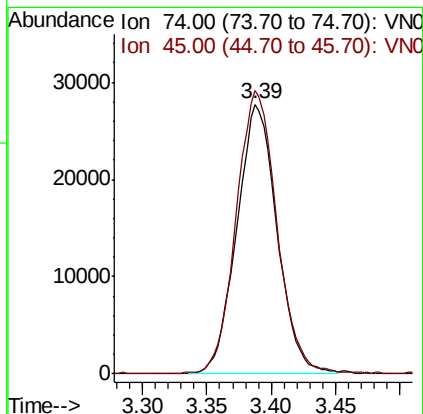
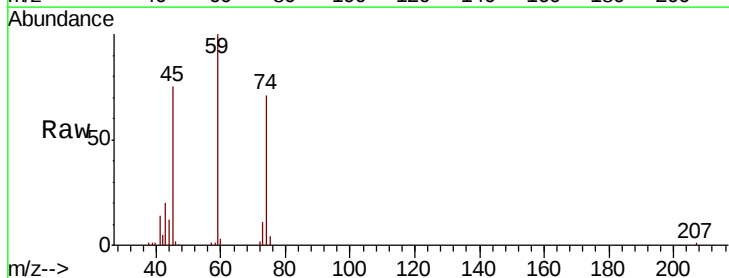
Tot Ion:101 Resp: 150994
Ion Ratio Lower Upper
101 100
103 64.5 51.2 76.8

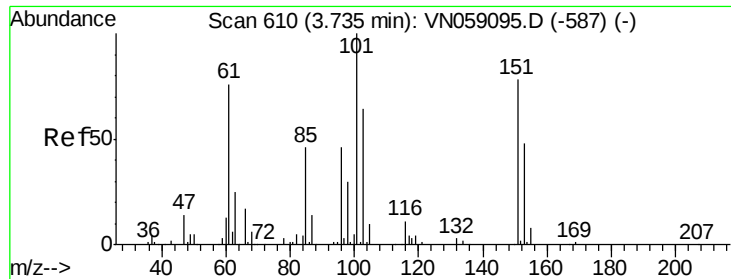


#8

Diethyl Ether
Concen: 19.523 ug/l
RT: 3.39 min Scan# 502
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion: 74 Resp: 60244
Ion Ratio Lower Upper
74 100
45 106.9 51.6 154.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.696 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

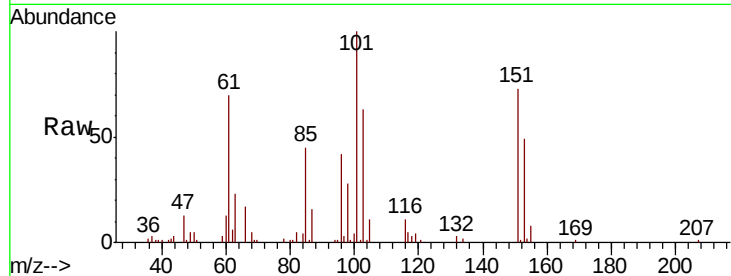
Tot Ion:101 Resp: 90185

Ion Ratio Lower Upper

101 100

85 45.1 35.5 53.3

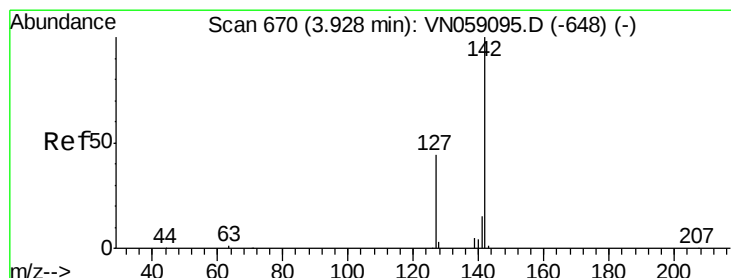
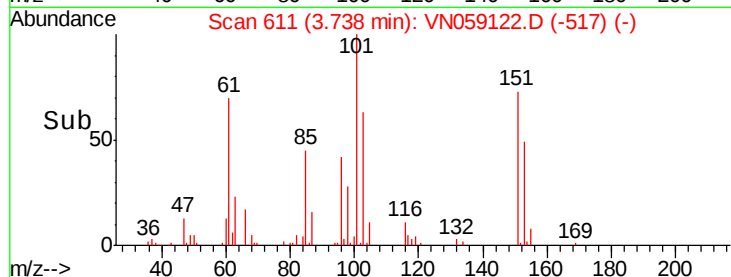
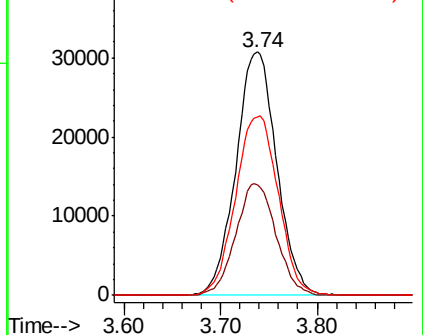
151 77.0 62.2 93.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.717 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

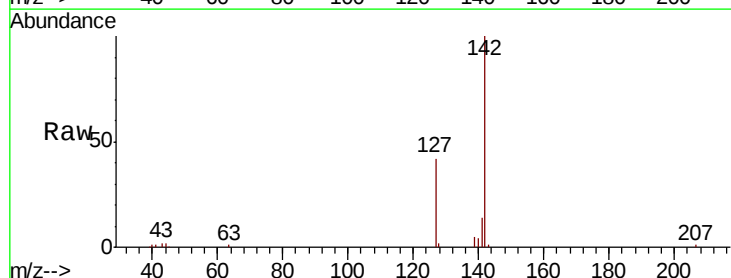
Tgt Ion:142 Resp: 111749

Ion Ratio Lower Upper

142 100

127 42.4 34.2 51.2

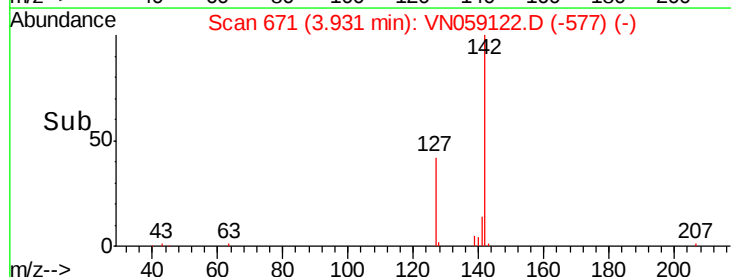
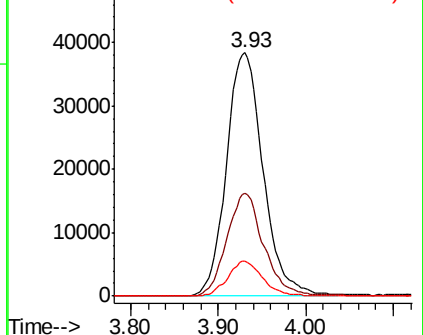
141 13.6 11.4 17.0

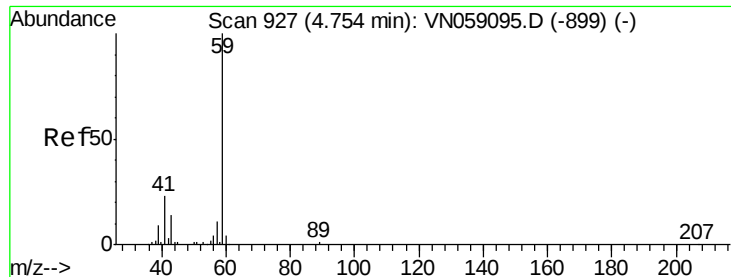


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



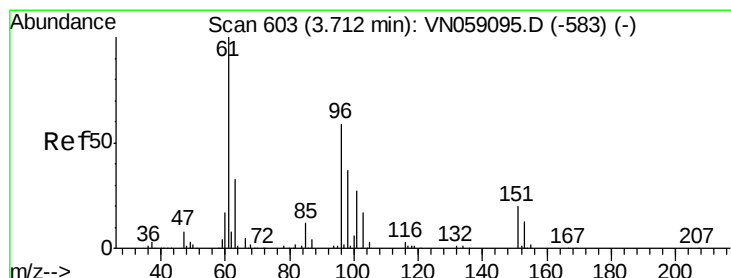
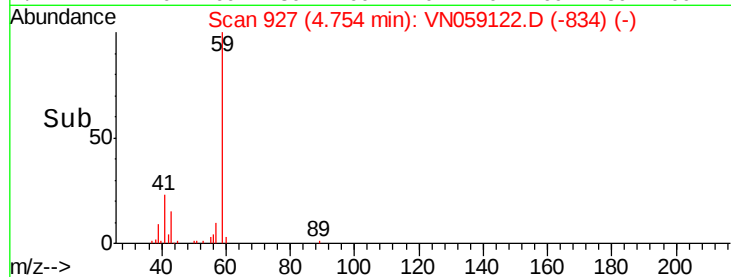
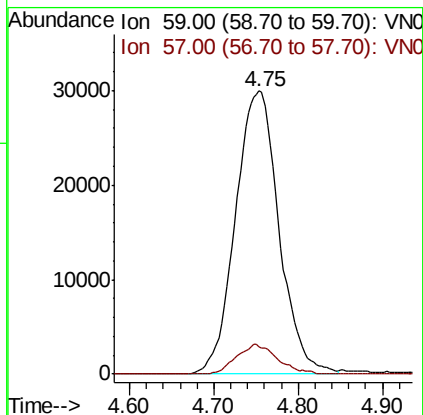
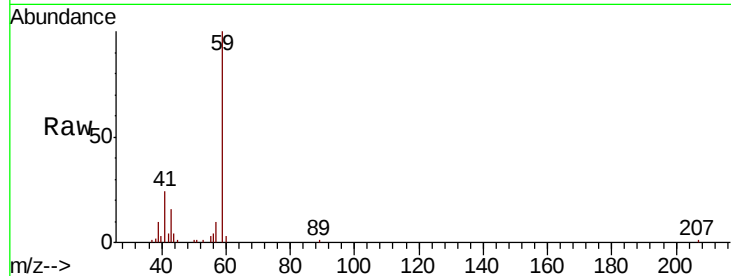


#11

Tert butyl alcohol
 Concen: 96.012 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

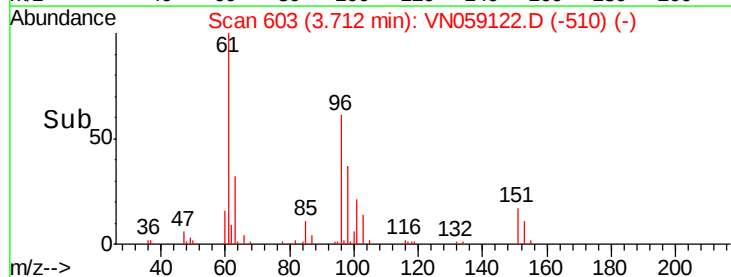
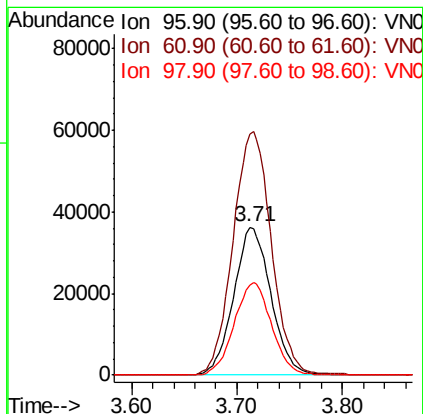
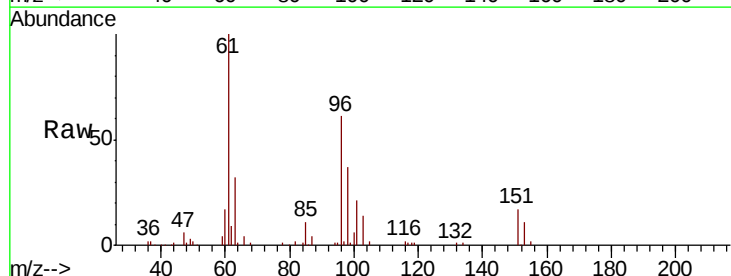
Tot Ion: 59 Resp: 107549
 Ion Ratio Lower Upper
 59 100
 57 9.6 8.3 12.5



#12

1,1-Dichloroethene
 Concen: 19.945 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

Tgt Ion: 96 Resp: 88964
 Ion Ratio Lower Upper
 96 100
 61 162.8 136.5 204.7
 98 61.0 50.2 75.4





#13

Acrolein

Concen: 90.296 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

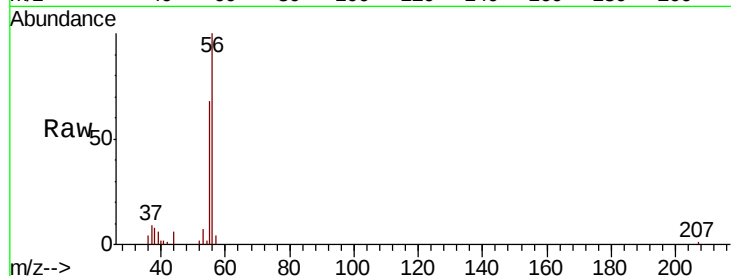
VN1107WBSD02

Tot Ion: 56 Resp: 52149

Ion Ratio Lower Upper

56 100

55 71.5 56.4 84.6



Abundance Ion 56.00 (55.70 to 56.70): VN059095.D (-546) (-)

Ion 55.00 (54.70 to 55.70): VN059095.D (-546) (-)

3.58

25000

20000

15000

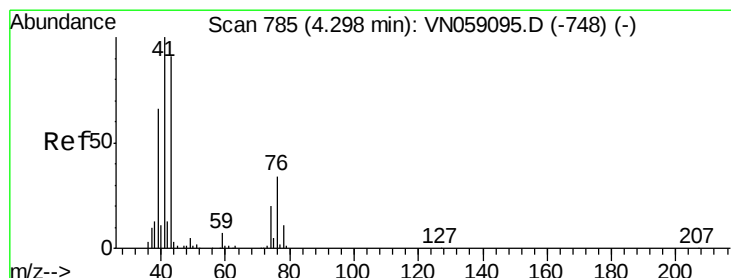
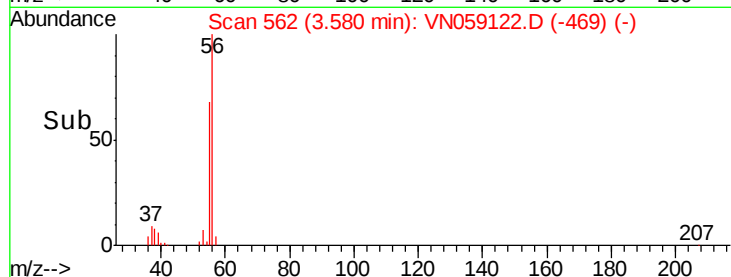
10000

5000

0

Time-->

3.50 3.60 3.70



#14

Allyl chloride

Concen: 19.465 ug/l

RT: 4.30 min Scan# 785

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

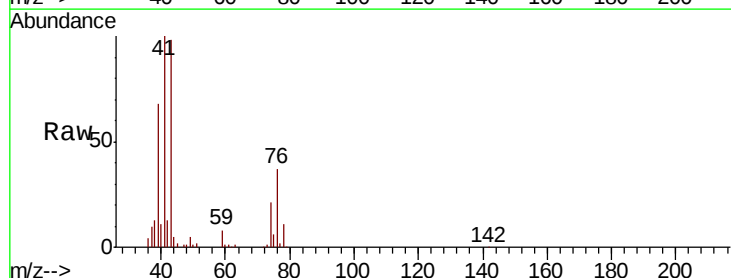
Tgt Ion: 41 Resp: 178341

Ion Ratio Lower Upper

41 100

39 58.8 49.1 73.7

76 31.2 24.9 37.3



Abundance Ion 41.00 (40.70 to 41.70): VN059095.D (-748) (-)

Ion 39.00 (38.70 to 39.70): VN059095.D (-748) (-)

Ion 75.90 (75.60 to 76.60): VN059095.D (-748) (-)

4.30

60000

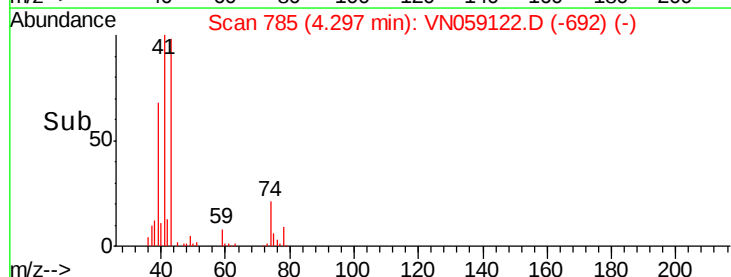
40000

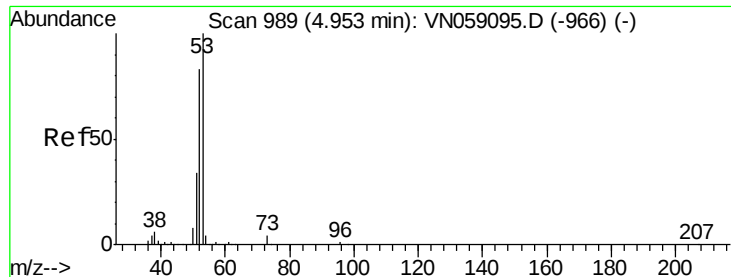
20000

0

Time-->

4.10 4.20 4.30 4.40





#15

Acrylonitrile

Concen: 105.314 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

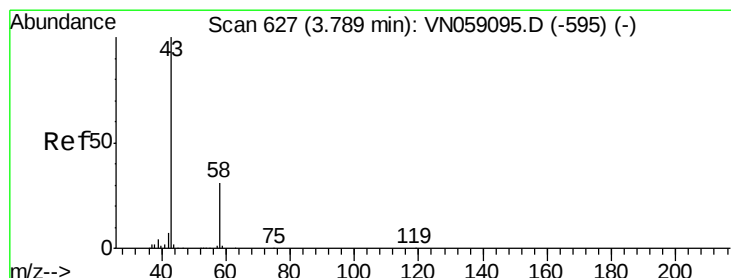
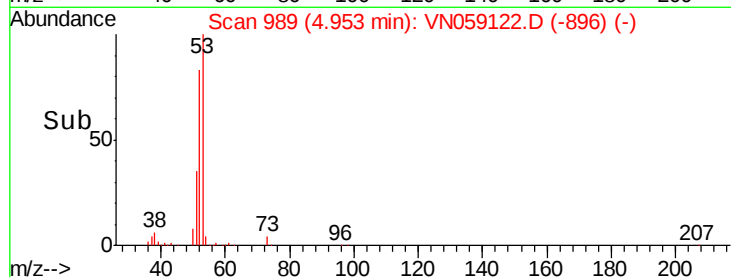
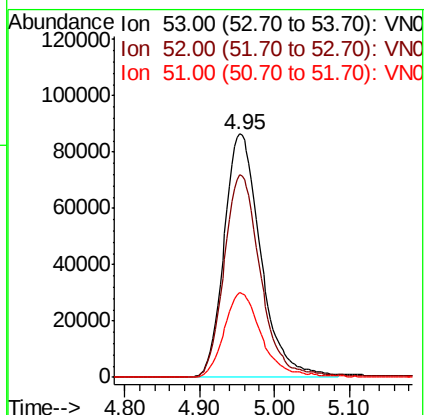
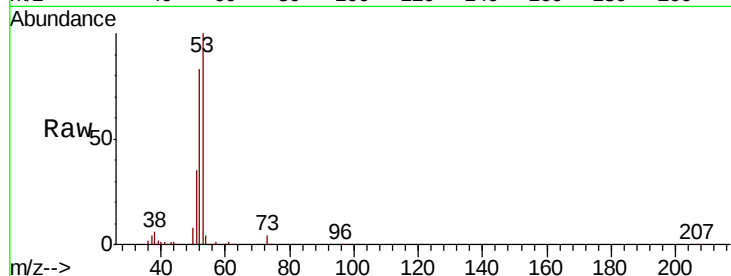
Tot Ion: 53 Resp: 293585

Ion Ratio Lower Upper

53 100

52 82.7 65.0 97.6

51 35.4 28.0 42.0



#16

Acetone

Concen: 93.492 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059122.D

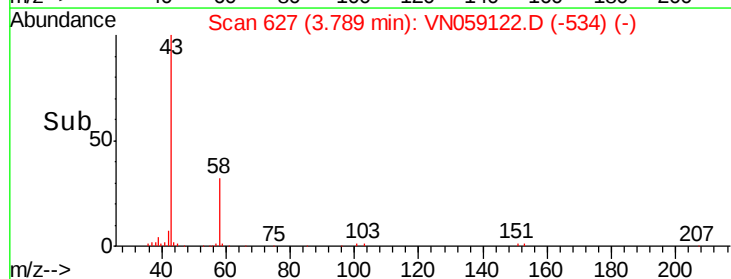
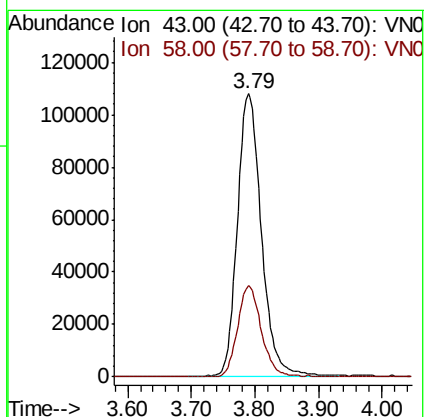
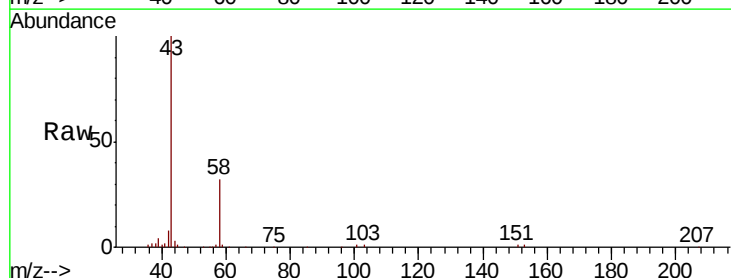
Acq: 7 Nov 2019 15:10

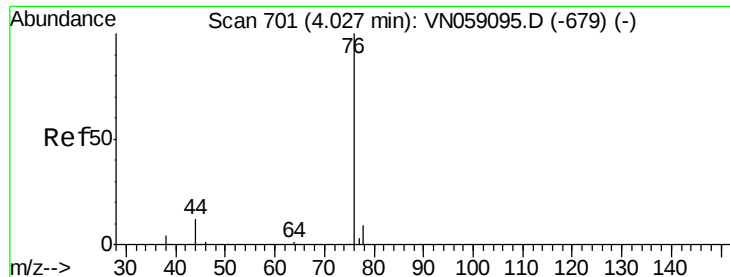
Tgt Ion: 43 Resp: 285761

Ion Ratio Lower Upper

43 100

58 32.1 24.9 37.3

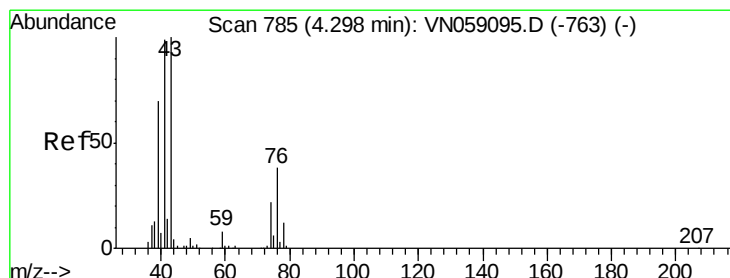
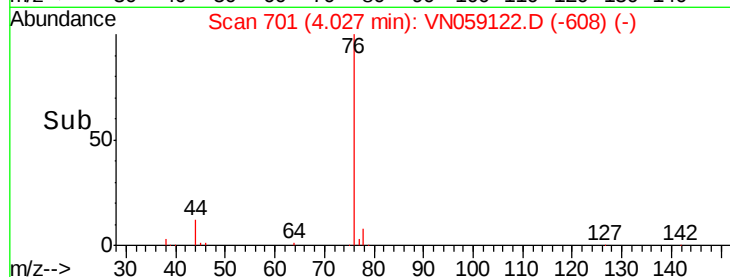
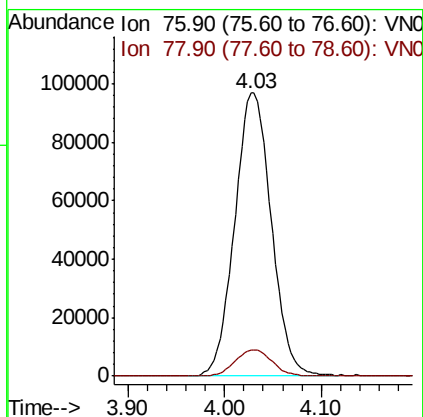
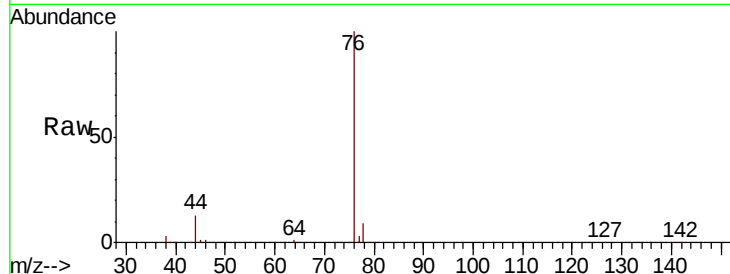




#17
Carbon Disulfide
Concen: 18.424 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

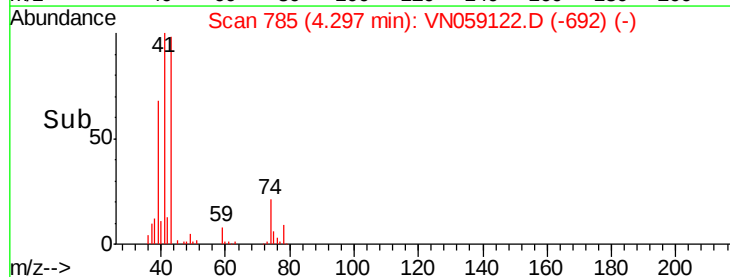
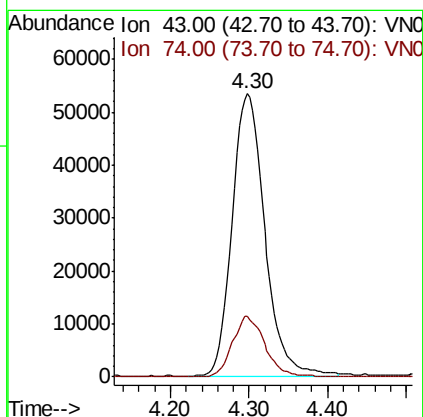
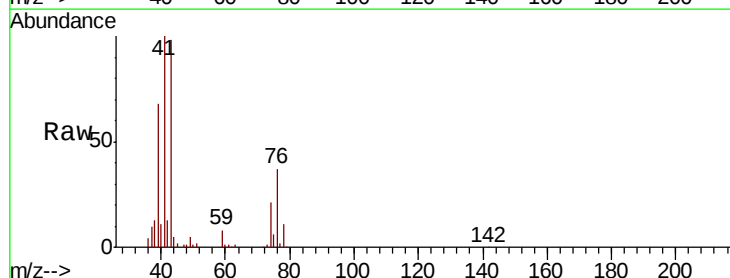
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

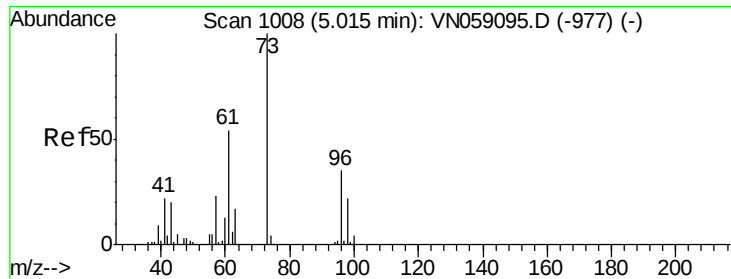
Tot Ion: 76 Resp: 255099
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 21.614 ug/l
RT: 4.30 min Scan# 785
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion: 43 Resp: 156805
Ion Ratio Lower Upper
43 100
74 21.1 17.8 26.8

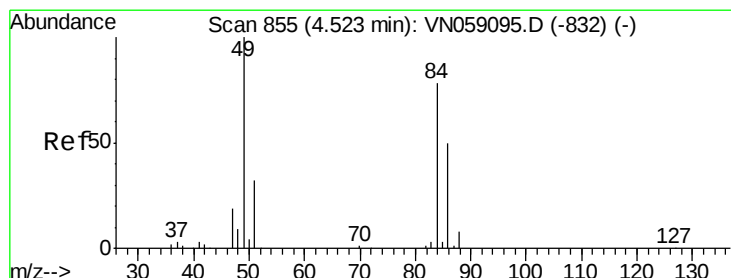
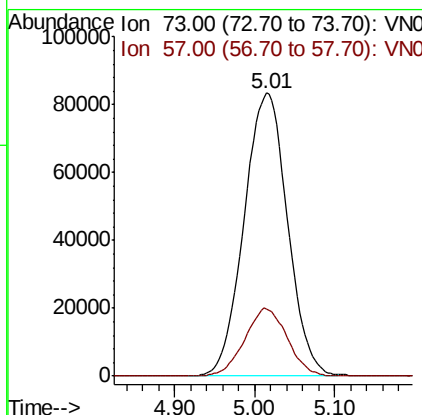
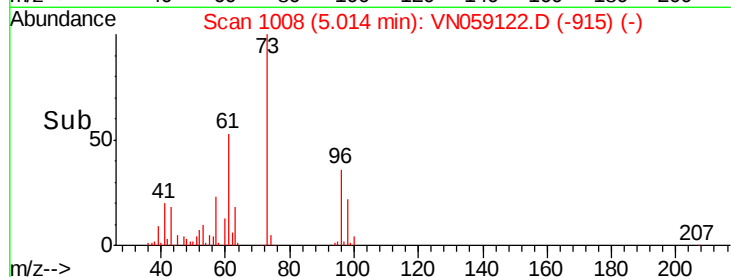
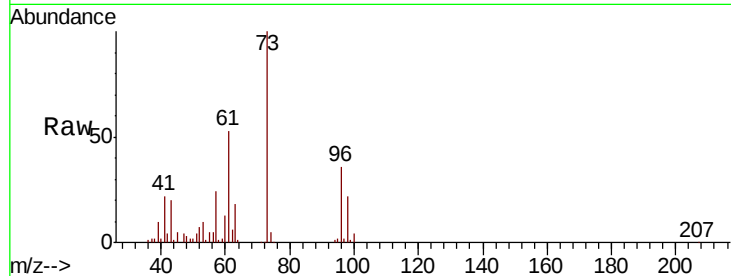




#19
Methyl tert-butyl Ether
Concen: 20.197 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

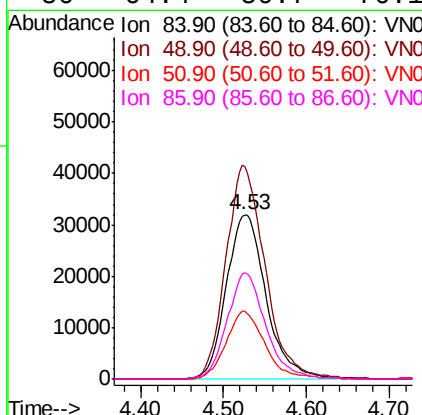
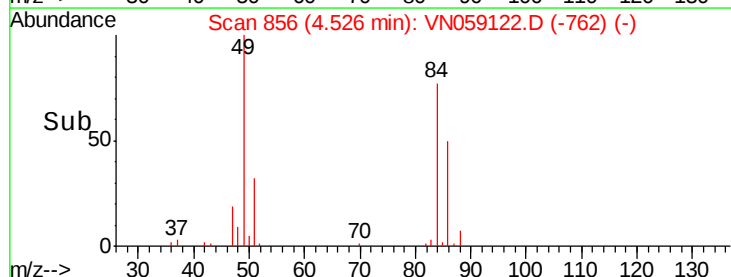
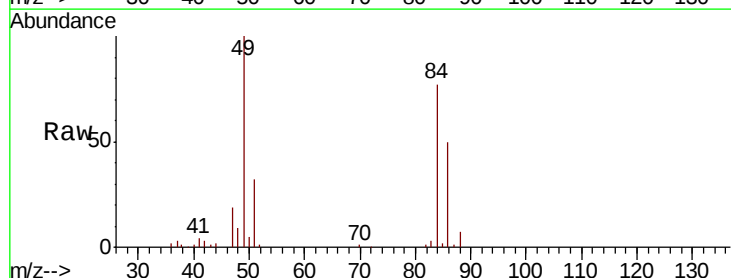
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

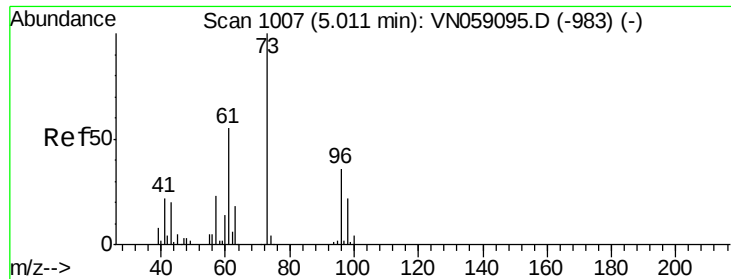
Tot Ion: 73 Resp: 310153
Ion Ratio Lower Upper
73 100
57 23.8 18.4 27.6



#20
Methylene Chloride
Concen: 20.001 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion: 84 Resp: 106504
Ion Ratio Lower Upper
84 100
49 128.8 102.0 153.0
51 41.1 32.2 48.2
86 64.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 19.852 ug/l

RT: 5.01 min Scan# 1008

Delta R.T. 0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

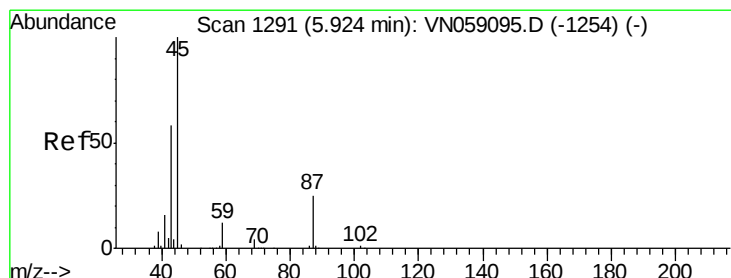
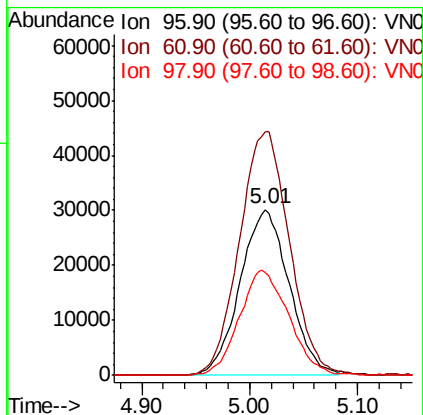
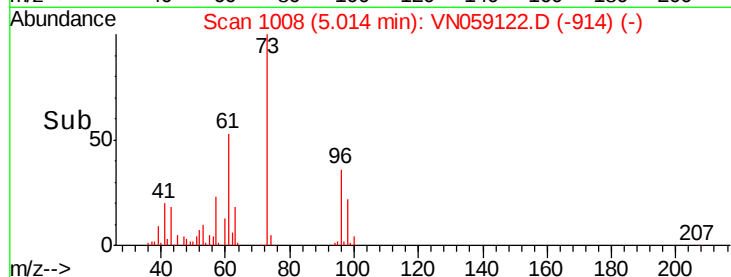
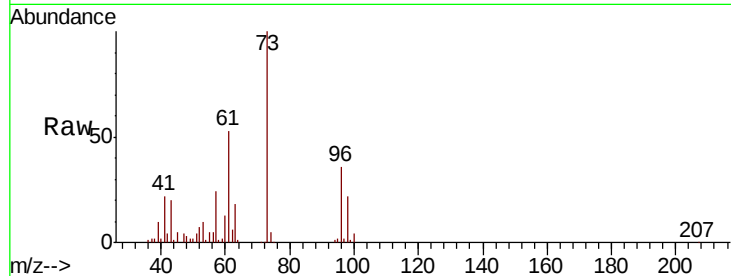
Tot Ion: 96 Resp: 95049

Ion Ratio Lower Upper

96 100

61 146.5 122.6 183.8

98 62.4 50.3 75.5



#22

Diisopropyl ether

Concen: 20.280 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Tgt Ion: 45 Resp: 350965

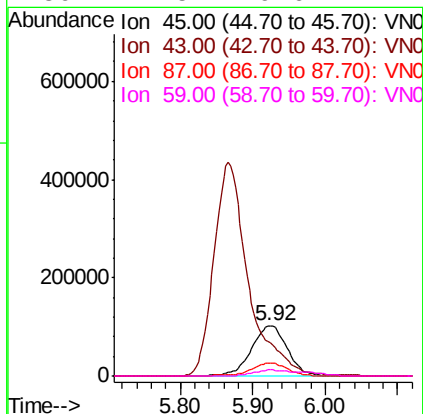
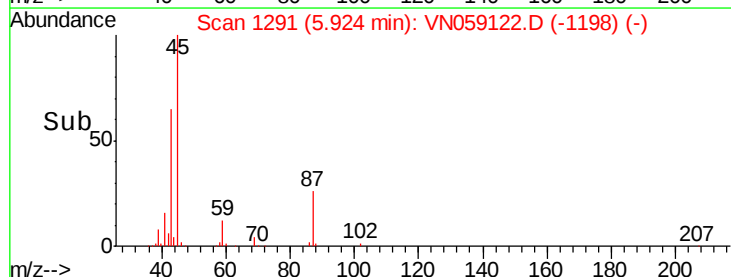
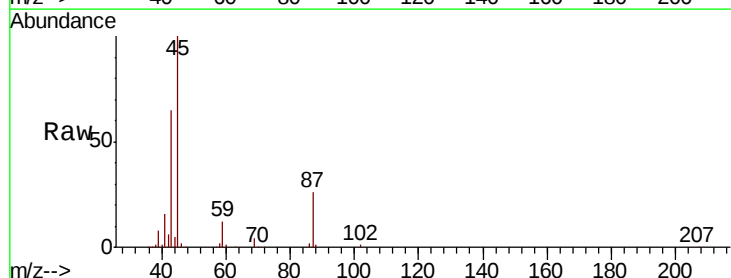
Ion Ratio Lower Upper

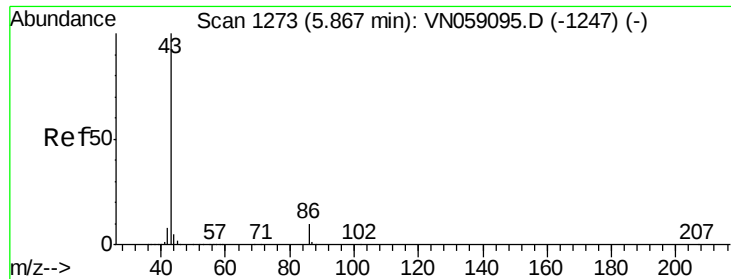
45 100

43 62.6 46.7 70.1

87 25.7 20.5 30.7

59 11.5 9.6 14.4

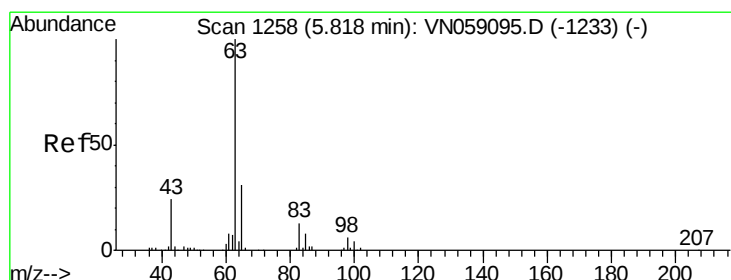
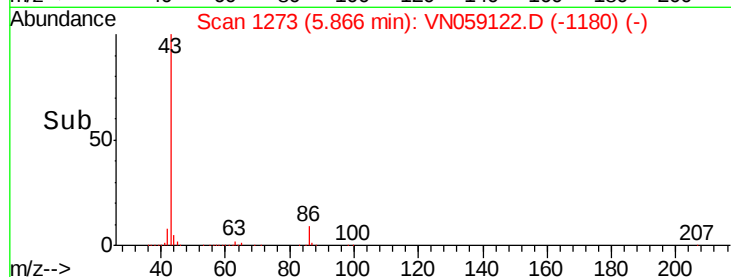
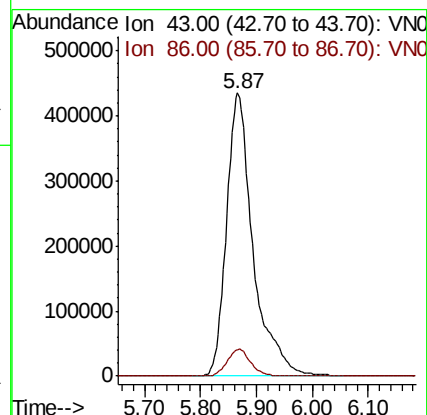
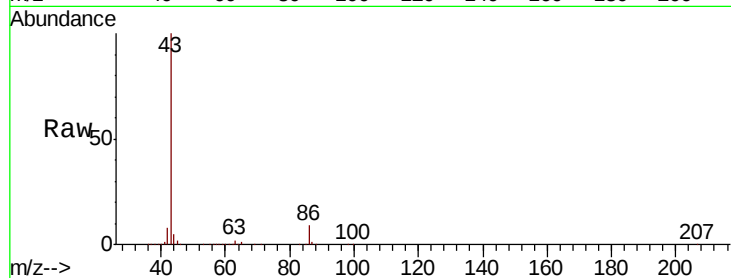




#23
 Vinyl Acetate
 Concen: 107.269 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

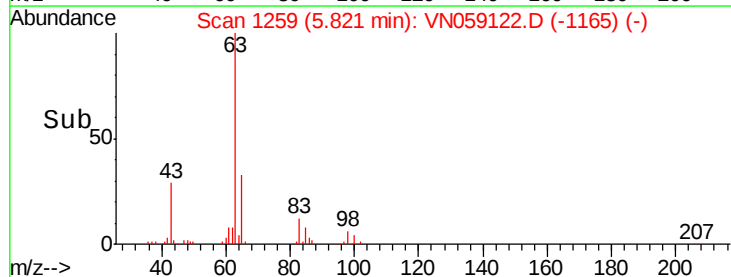
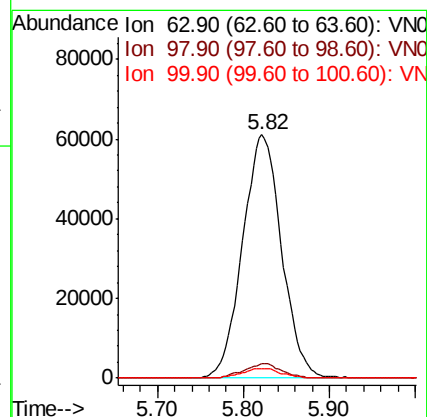
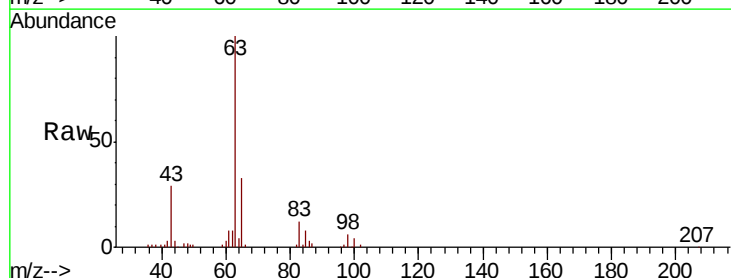
Instrument :
 MSVOA_N
 ClientSampleID :
 VN1107WBSD02

Tot Ion: 43 Resp: 1438749
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 19.938 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

Tgt Ion: 63 Resp: 192717
 Ion Ratio Lower Upper
 63 100
 98 5.8 2.8 8.4
 100 3.7 1.9 5.7





#25

2-Butanone

Concen: 100.360 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

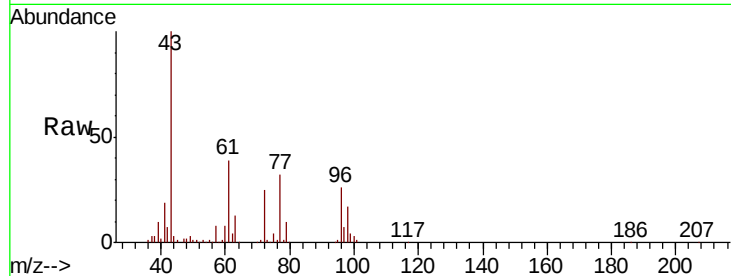
VN1107WBSD02

Tot Ion: 43 Resp: 404284

Ion Ratio Lower Upper

43 100

72 24.8 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VN059122.D (-1473) (-)

Ion 72.00 (71.70 to 72.70): VN059122.D (-1473) (-)

6.81

150000

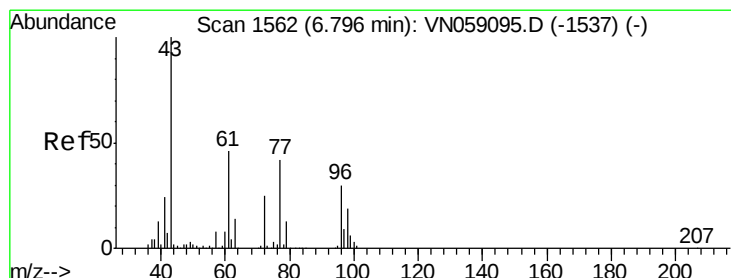
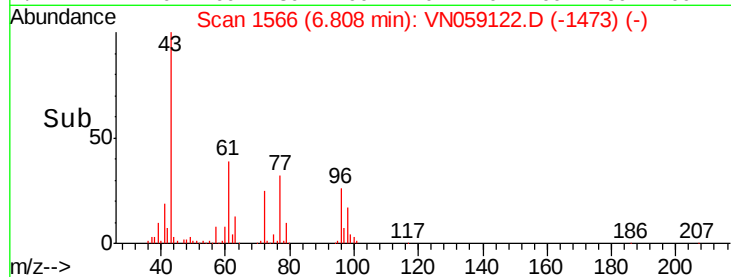
100000

50000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 19.007 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059122.D

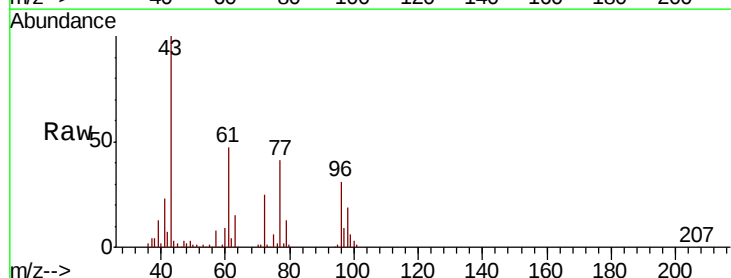
Acq: 7 Nov 2019 15:10

Tgt Ion: 77 Resp: 160644

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VN059122.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN059122.D (-1469) (-)

6.80

60000

50000

40000

30000

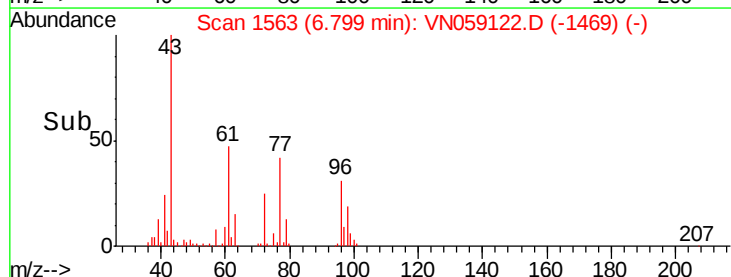
20000

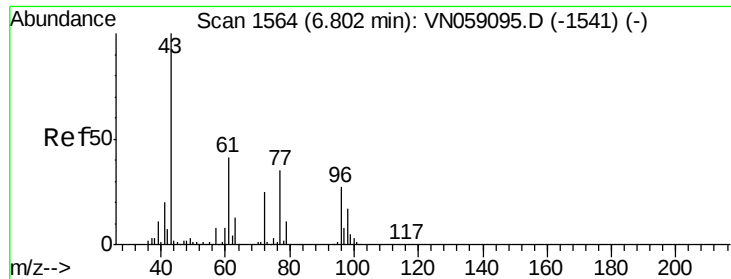
10000

0

6.70 6.80 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 19.918 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

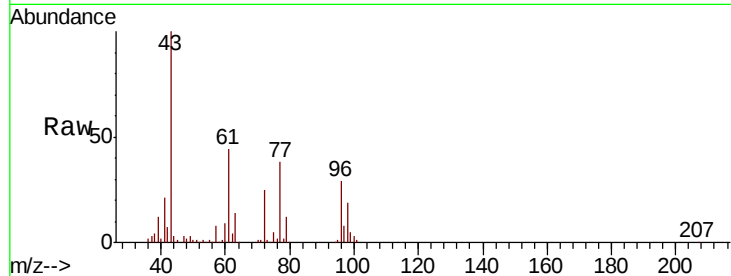
Tot Ion: 96 Resp: 110635

Ion Ratio Lower Upper

96 100

61 154.0 0.0 311.6

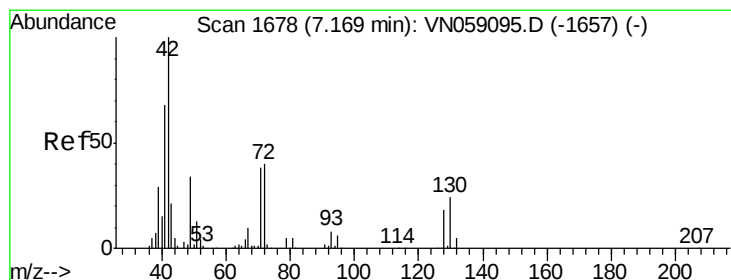
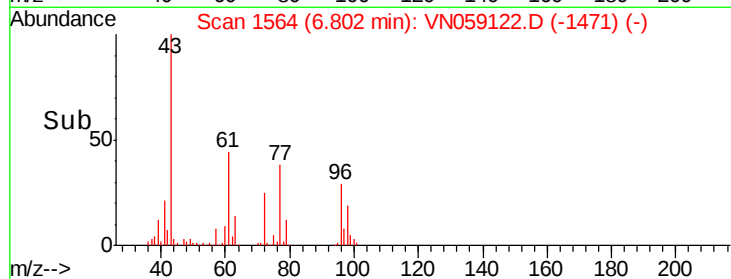
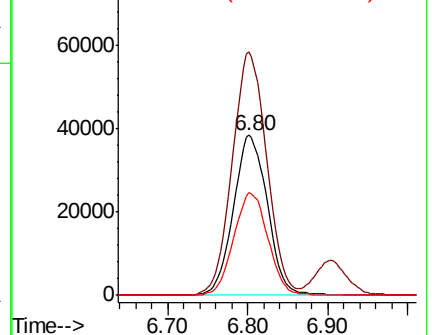
98 64.5 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN059122.D (-1471) (-)

Ion 60.90 (60.60 to 61.60): VN059122.D (-1471) (-)

Ion 97.90 (97.60 to 98.60): VN059122.D (-1471) (-)



#28

Bromochloromethane

Concen: 20.937 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

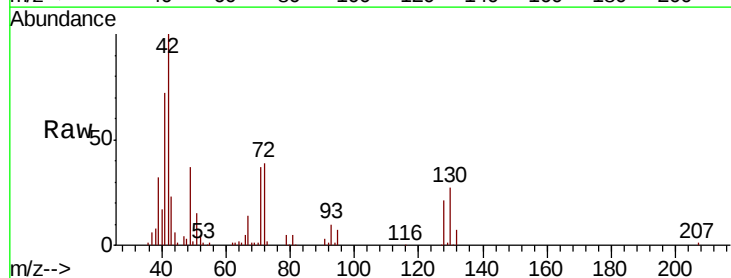
Tgt Ion: 49 Resp: 60886

Ion Ratio Lower Upper

49 100

129 0.8 0.0 3.8

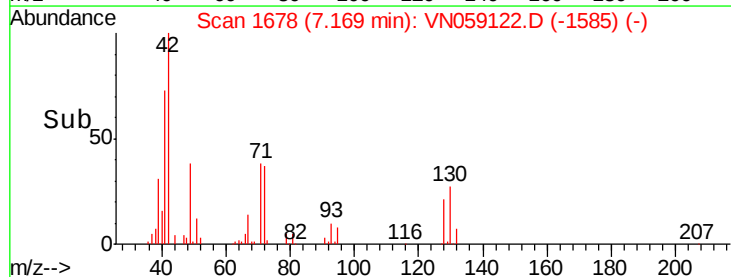
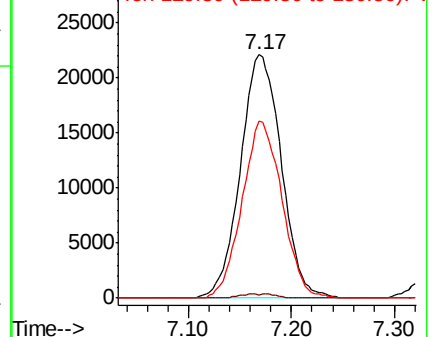
130 71.0 55.6 83.4

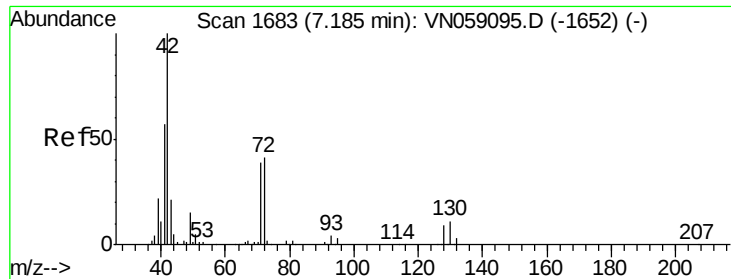


Abundance Ion 48.90 (48.60 to 49.60): VN059122.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059122.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059122.D (-1585) (-)

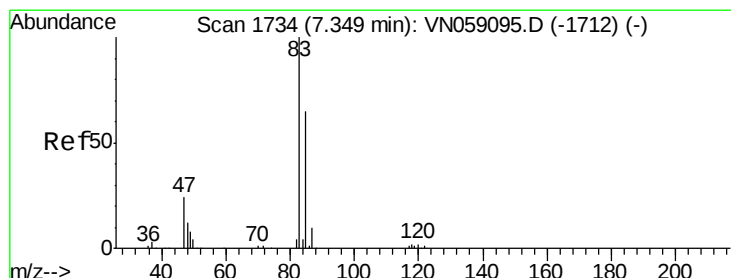
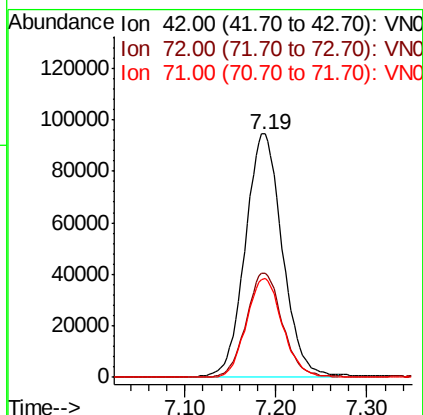
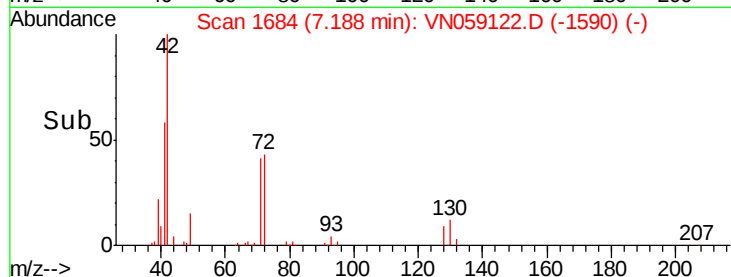
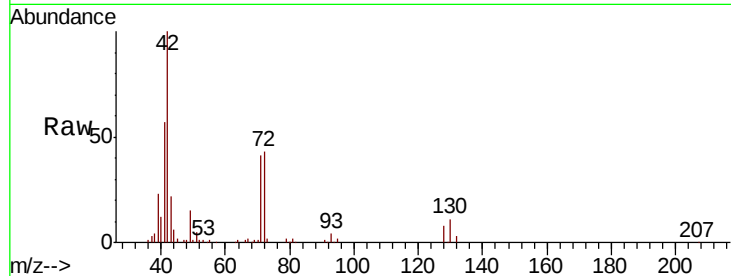




#29
Tetrahydrofuran
Concen: 104.167 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

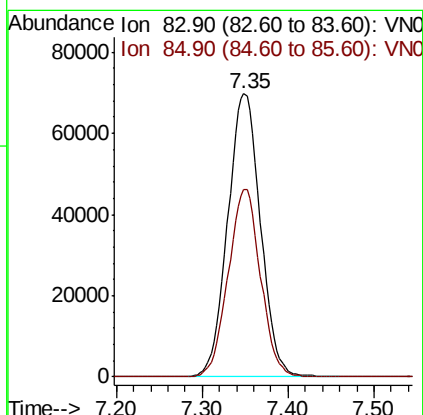
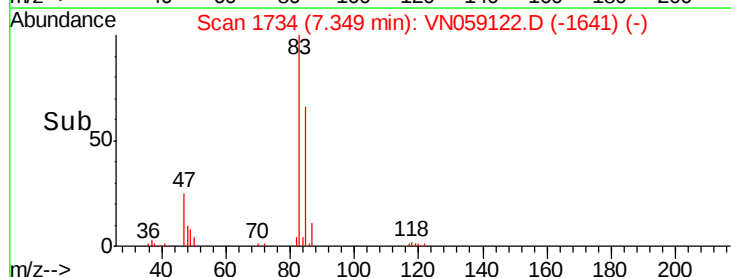
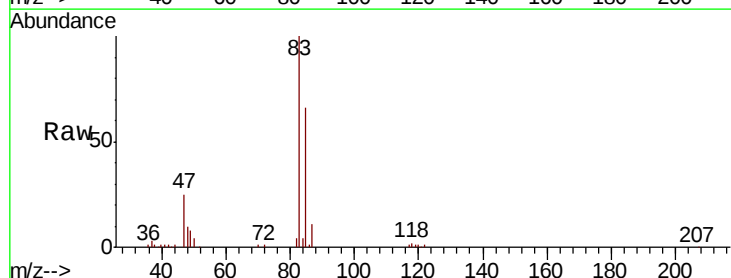
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

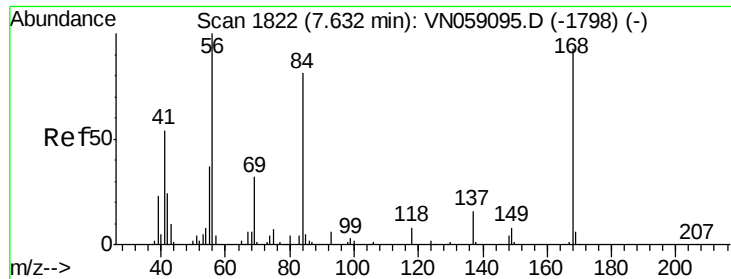
Tot Ion: 42 Resp: 266625
Ion Ratio Lower Upper
42 100
72 41.8 33.1 49.7
71 39.8 30.9 46.3



#30
Chloroform
Concen: 19.911 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion: 83 Resp: 184622
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.8

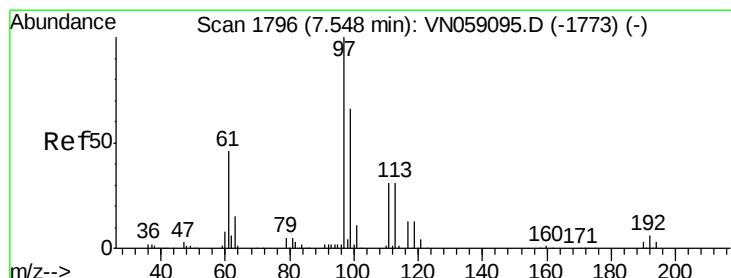
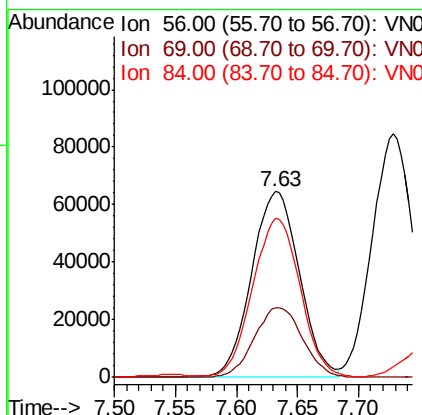
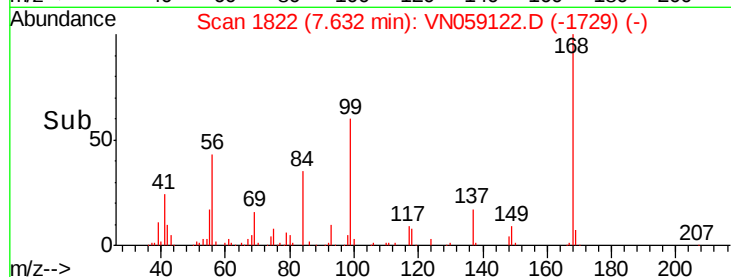
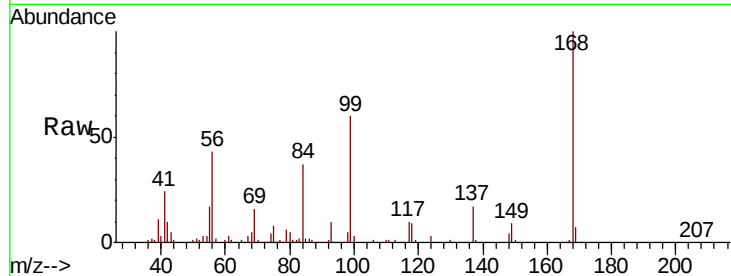




#31
Cyclohexane
Concen: 19.207 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

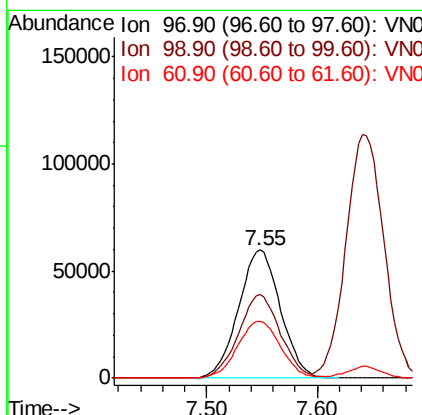
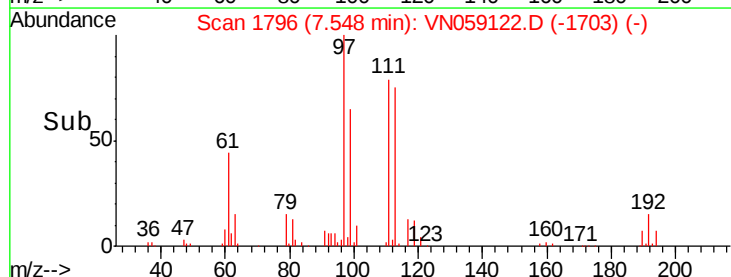
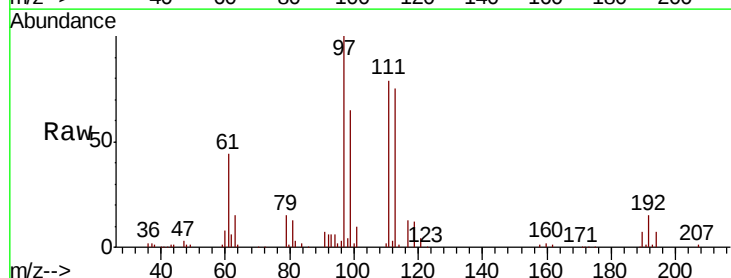
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion: 56 Resp: 175751
Ion Ratio Lower Upper
56 100
69 37.8 25.8 38.8
84 84.5 65.0 97.4



#32
1,1,1-Trichloroethane
Concen: 20.224 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion: 97 Resp: 157660
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.6
61 45.5 35.8 53.8

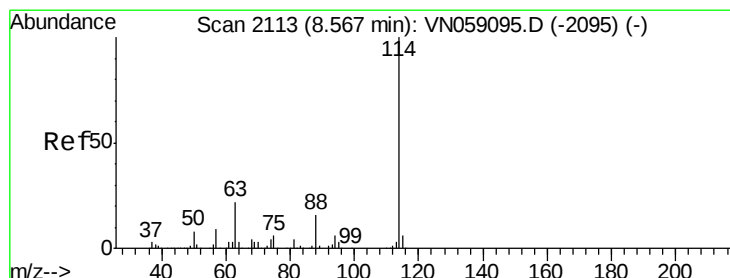
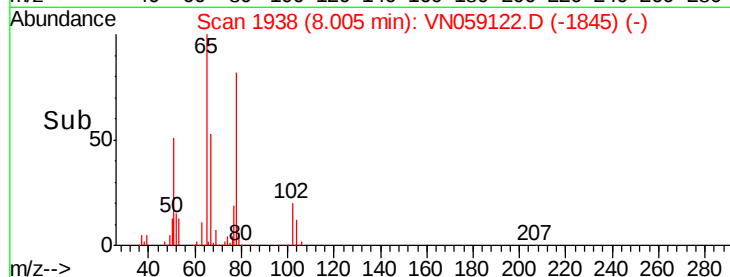
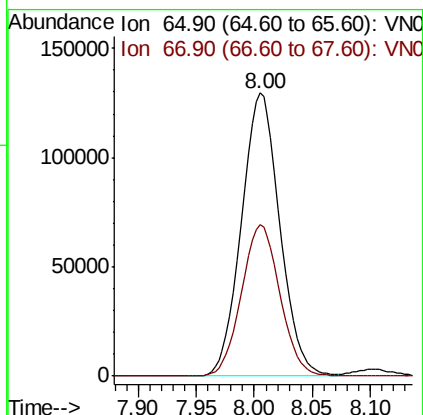
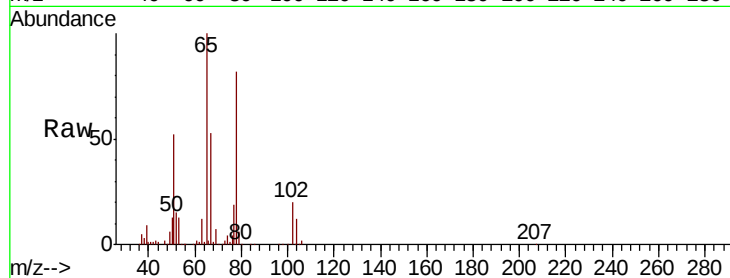




#33
 1,2-Dichloroethane-d4
 Concen: 50.784 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

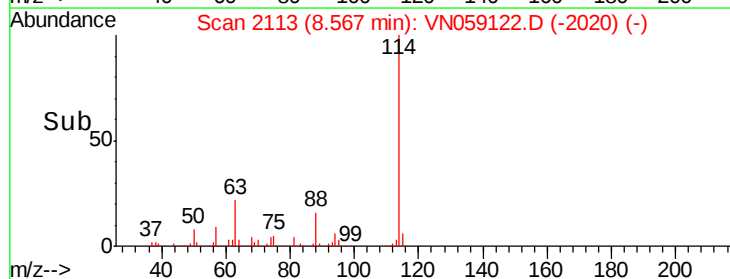
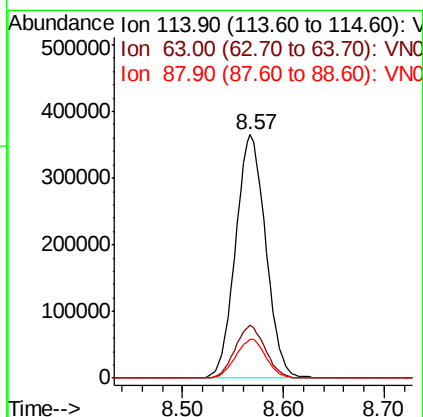
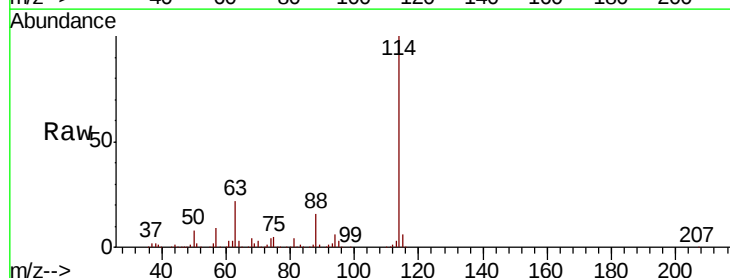
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

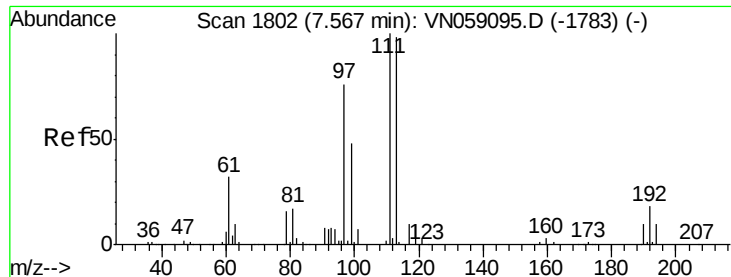
Tot Ion: 65 Resp: 298493
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

Tgt Ion: 114 Resp: 756260
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 43.4
 88 15.8 0.0 32.2

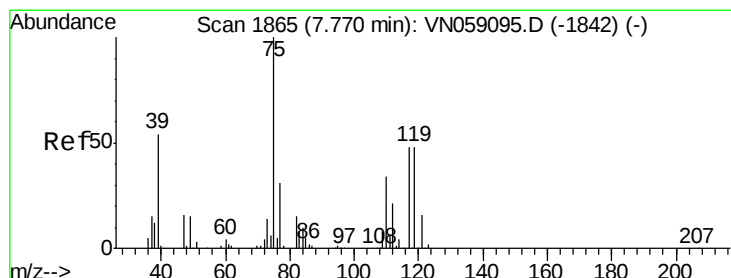
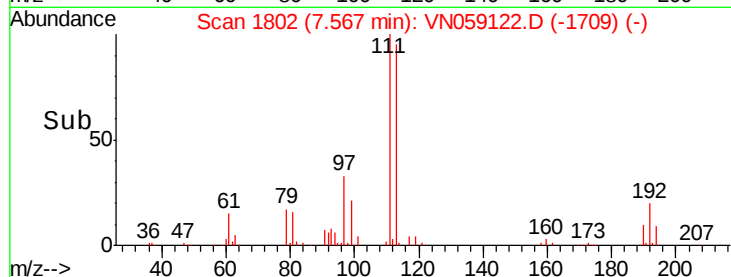
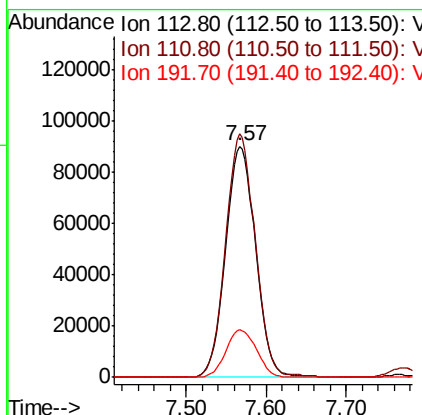
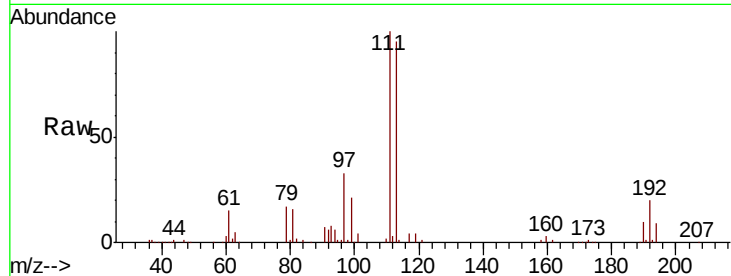




#35
 Dibromofluoromethane
 Concen: 51.126 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

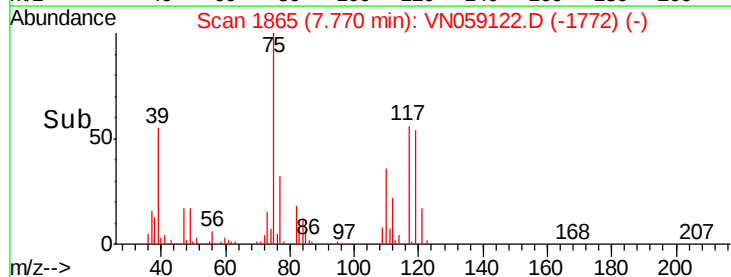
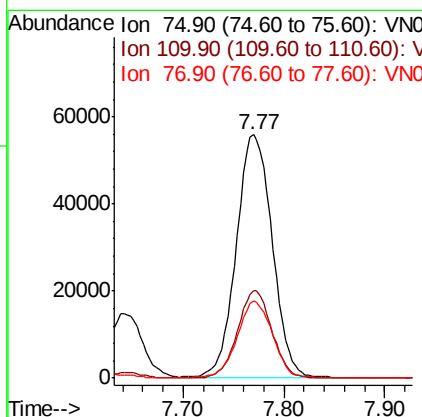
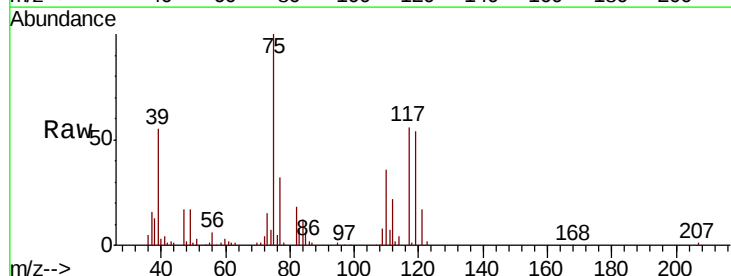
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

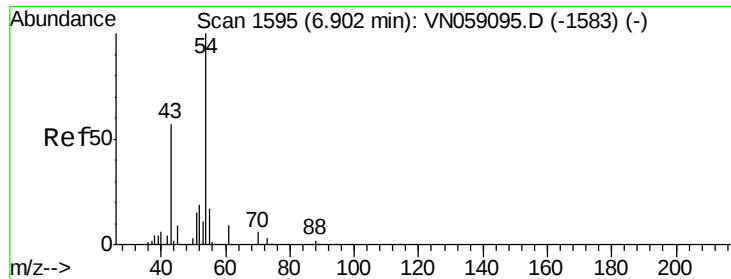
Tot Ion:113 Resp: 230864
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.8 124.2
 192 20.9 16.1 24.1



#36
 1,1-Dichloropropene
 Concen: 19.390 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

Tgt Ion: 75 Resp: 137068
 Ion Ratio Lower Upper
 75 100
 110 34.4 17.1 51.2
 77 31.4 24.8 37.2

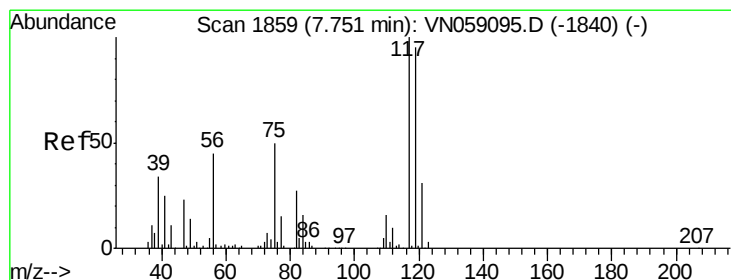
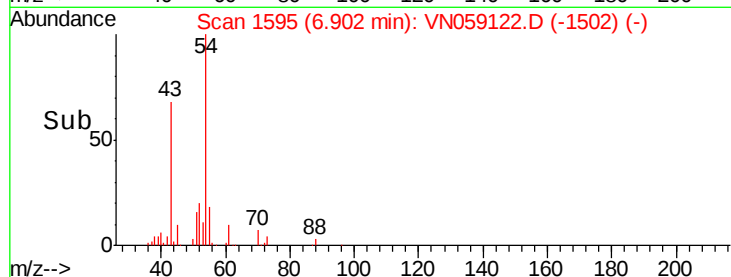
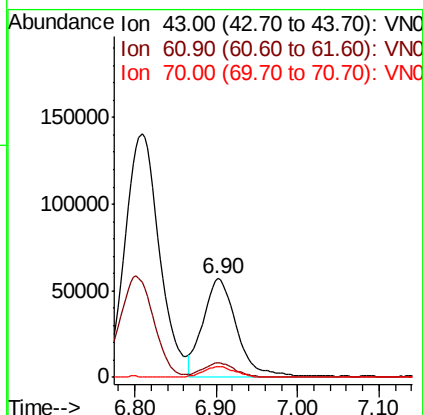
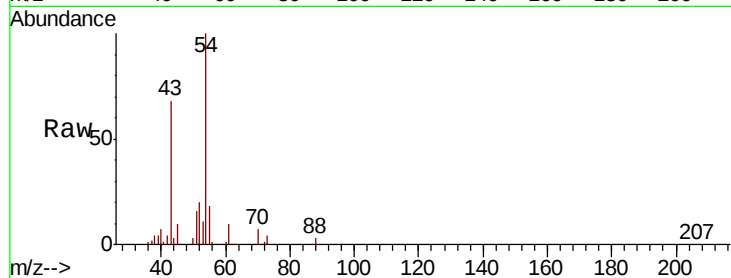




#37
Ethyl Acetate
Concen: 20.770 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

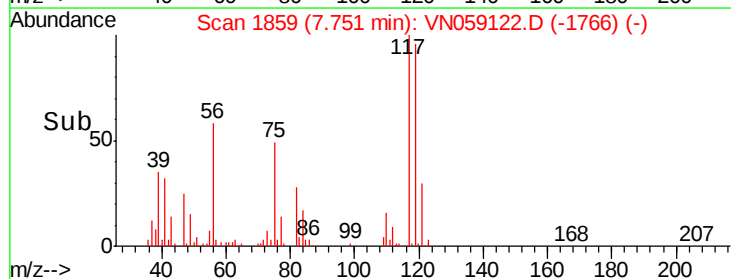
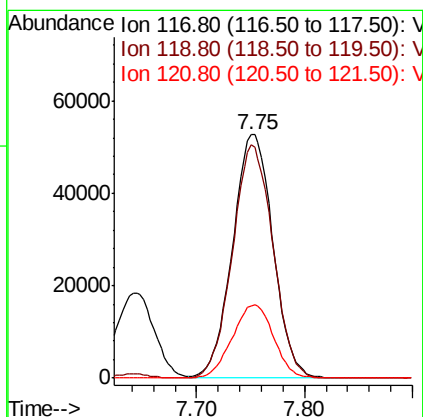
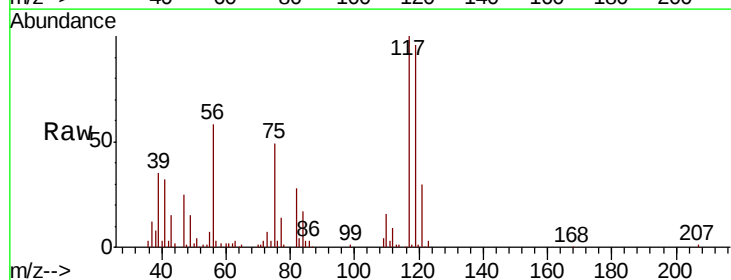
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion: 43 Resp: 163334
Ion Ratio Lower Upper
43 100
61 14.6 11.2 16.8
70 10.4 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.533 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion: 117 Resp: 137427
Ion Ratio Lower Upper
117 100
119 95.9 75.6 113.4
121 29.7 24.6 36.8

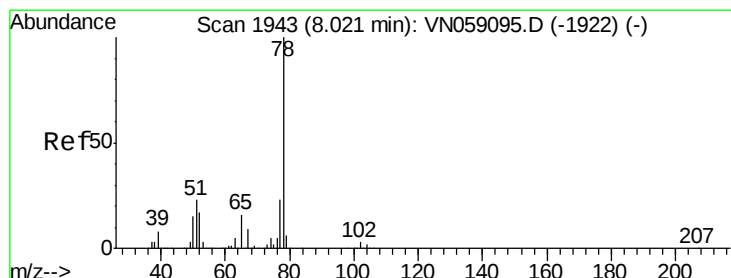
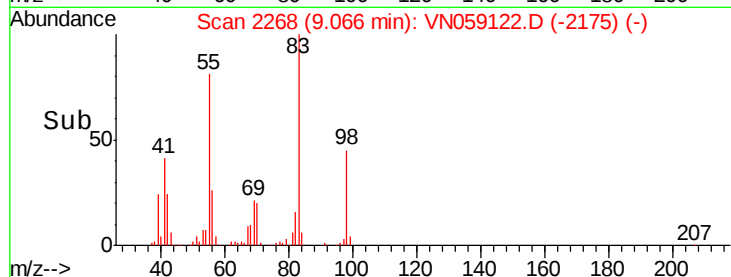
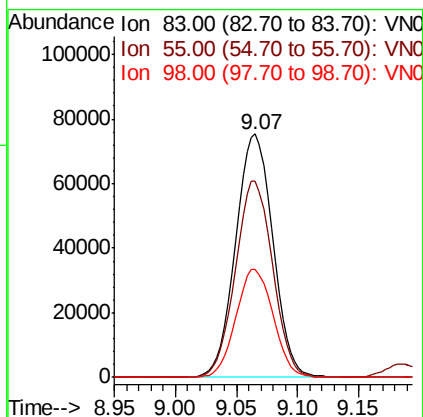
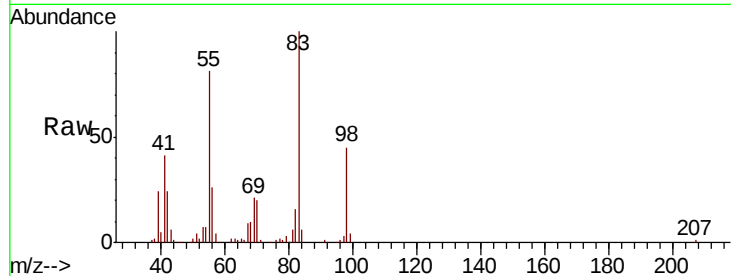




#39
Methvlcvclohexane
Concen: 19.414 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

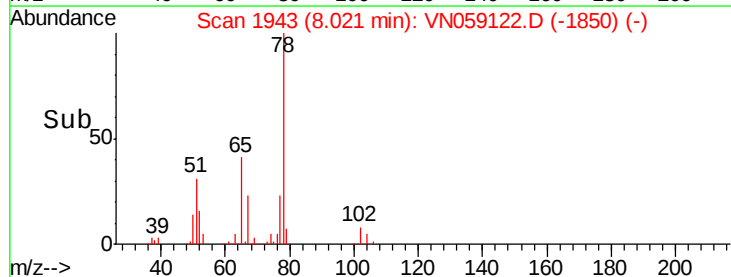
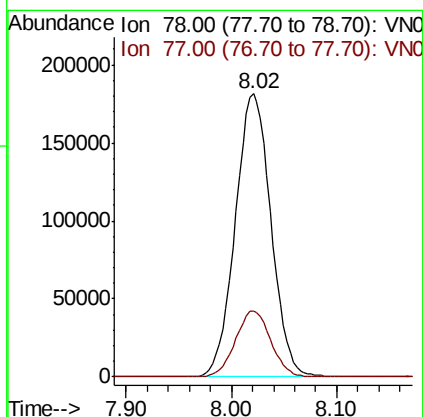
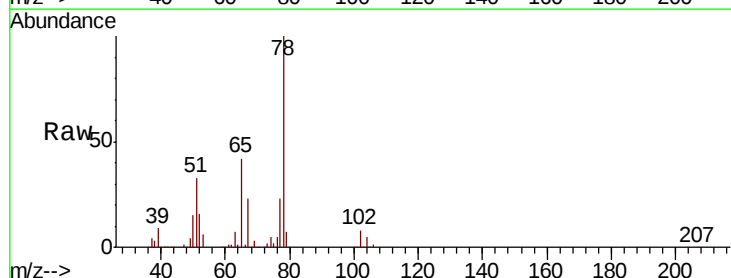
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

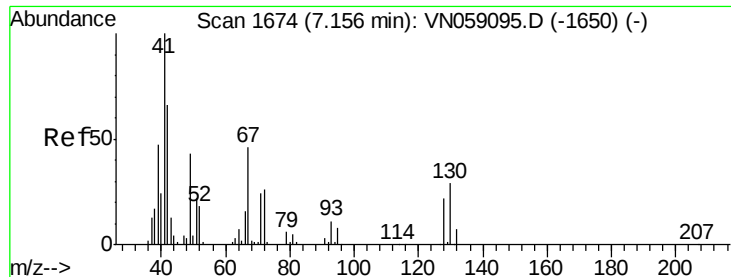
Tot Ion: 83 Resp: 159269
Ion Ratio Lower Upper
83 100
55 80.8 63.9 95.9
98 44.6 35.6 53.4



#40
Benzene
Concen: 20.027 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion: 78 Resp: 426312
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

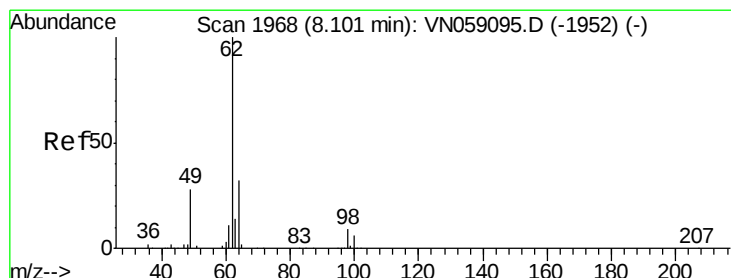
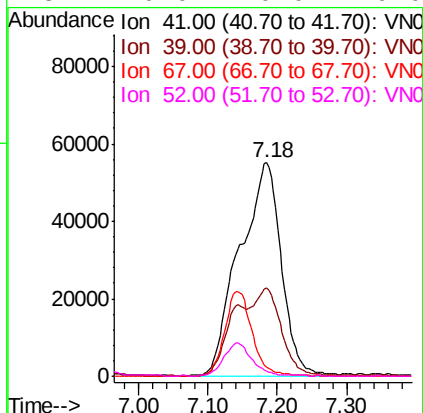
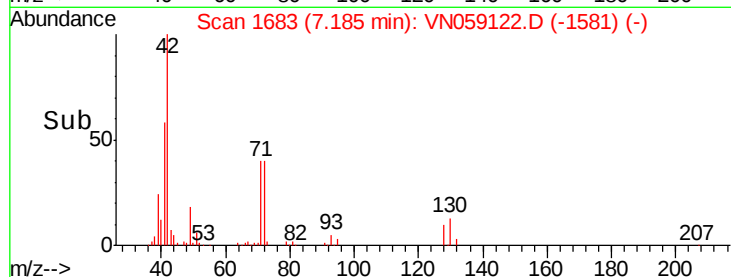
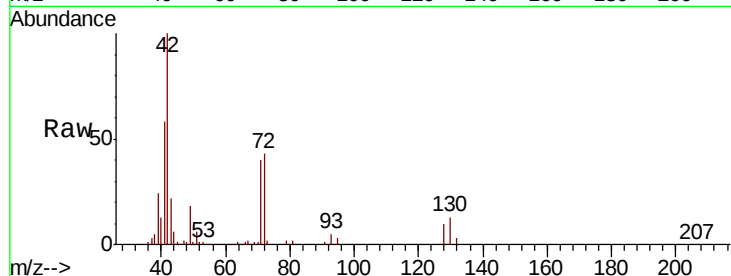




#41
Methacrylonitrile
Concen: 67.642 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

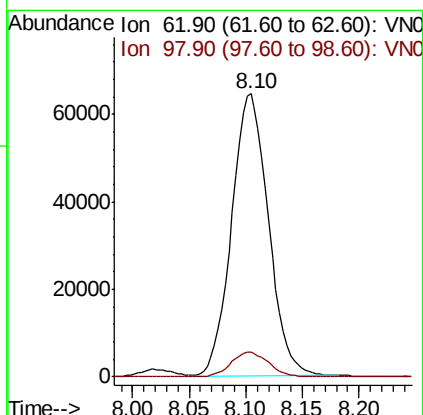
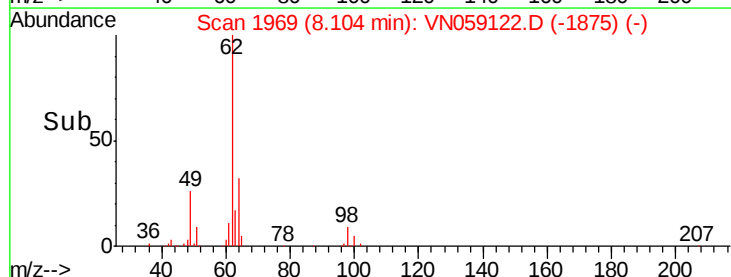
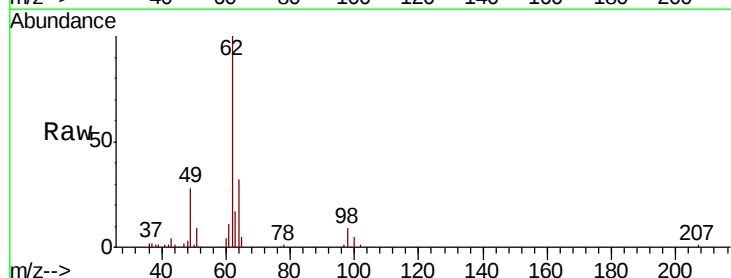
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

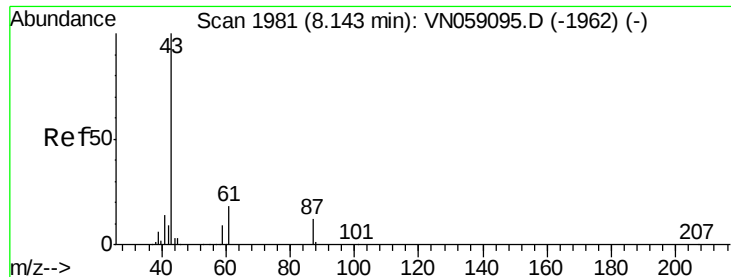
Tot Ion:	41	Resp:	231305
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 20.052 ug/l
RT: 8.10 min Scan# 1969
Delta R.T. 0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion:	62	Resp:	146392
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 19.781 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

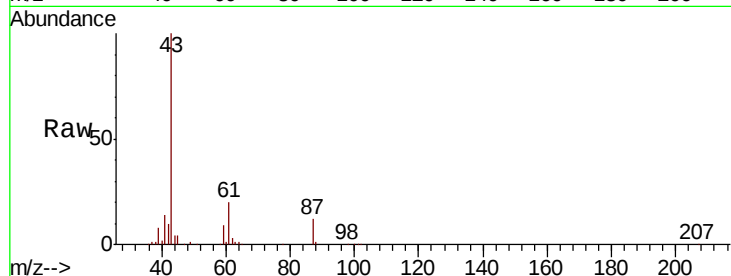
Tot Ion: 43 Resp: 247990

Ion Ratio Lower Upper

43 100

61 26.0 21.0 31.6

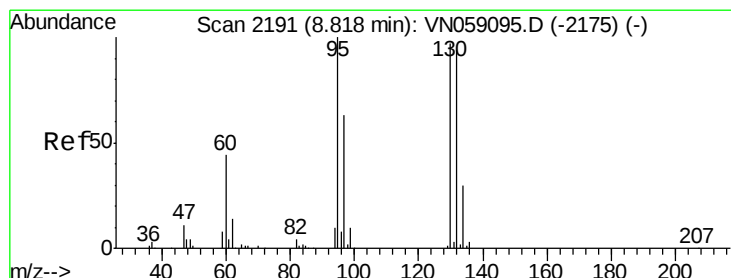
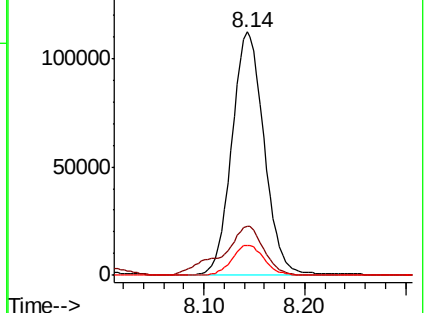
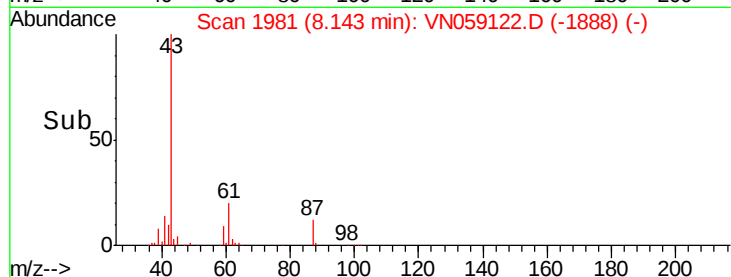
87 12.4 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN059122.D (-1888) (-)

Ion 61.00 (60.70 to 61.70): VN059122.D (-1888) (-)

Ion 87.00 (86.70 to 87.70): VN059122.D (-1888) (-)



#44

Trichloroethene

Concen: 19.715 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059122.D

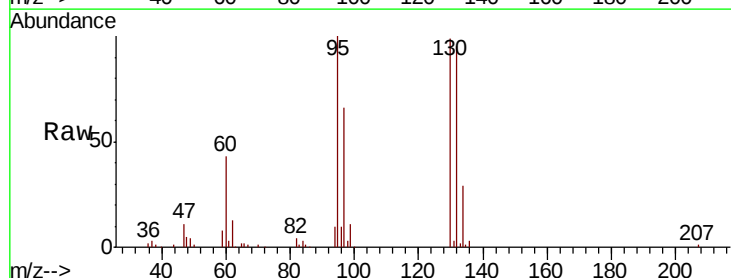
Acq: 7 Nov 2019 15:10

Tgt Ion: 130 Resp: 103160

Ion Ratio Lower Upper

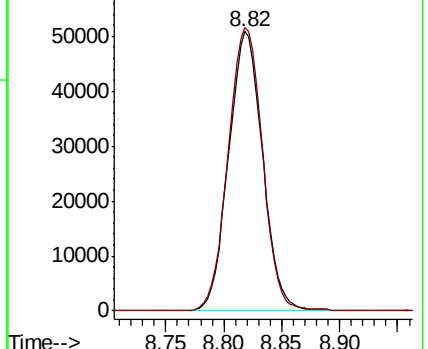
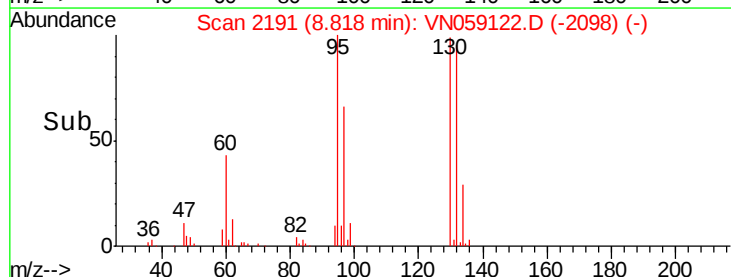
130 100

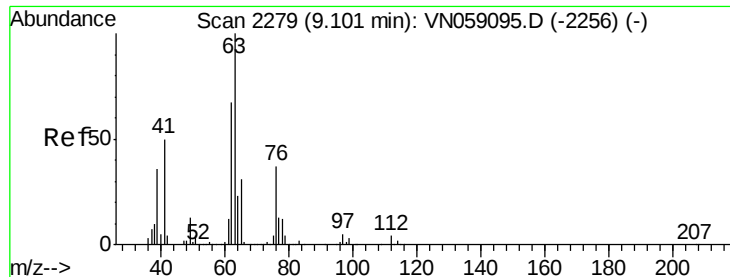
95 101.3 0.0 206.4



Abundance Ion 129.80 (129.50 to 130.50): VN059122.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059122.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 20.121 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

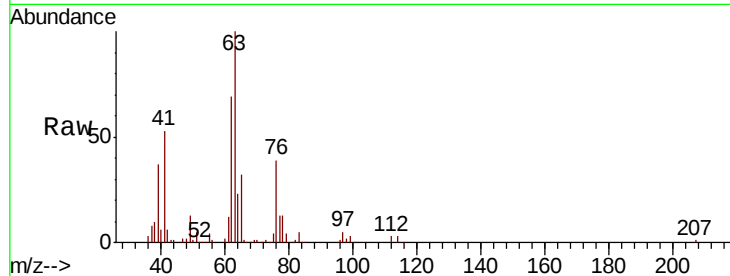
VN1107WBSD02

Tot Ion: 63 Resp: 116338

Ion Ratio Lower Upper

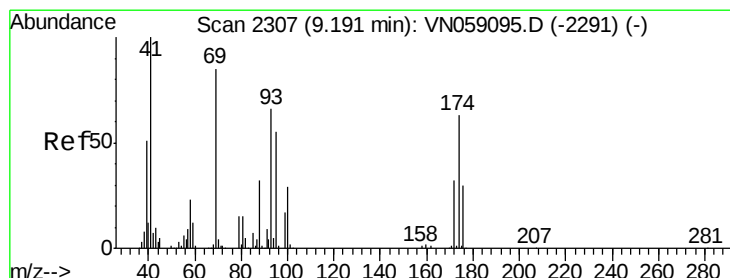
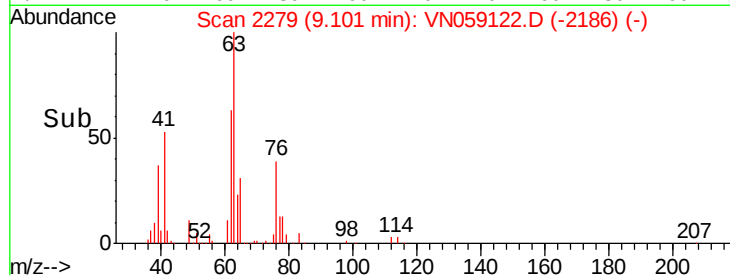
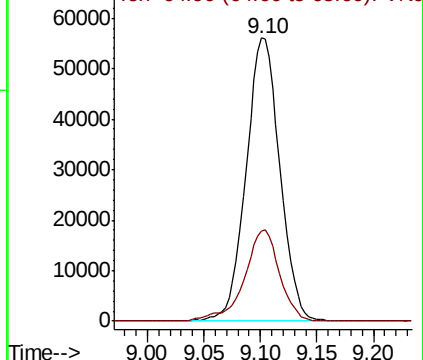
63 100

65 32.0 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 19.826 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. 0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

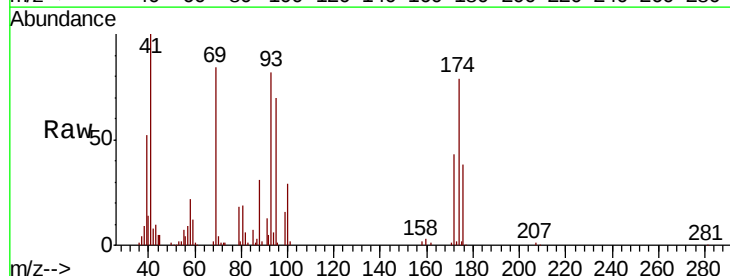
Tgt Ion: 93 Resp: 71432

Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

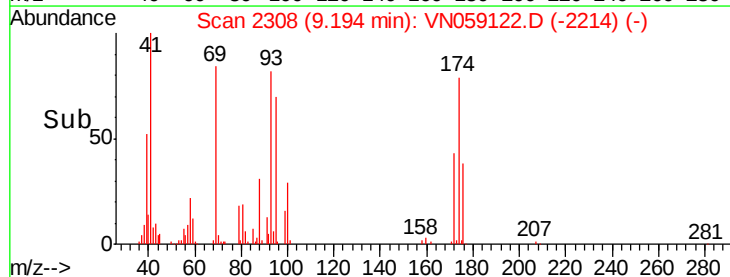
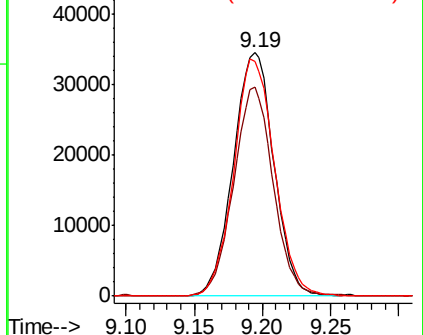
174 97.6 78.2 117.2

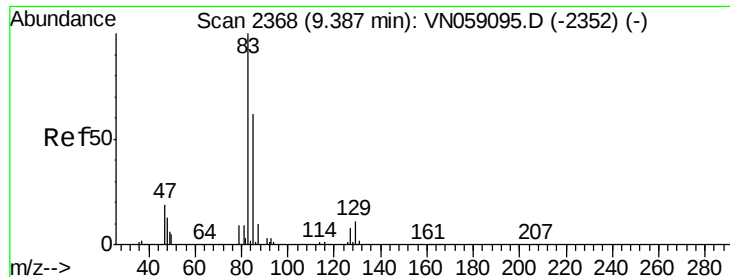


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.061 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

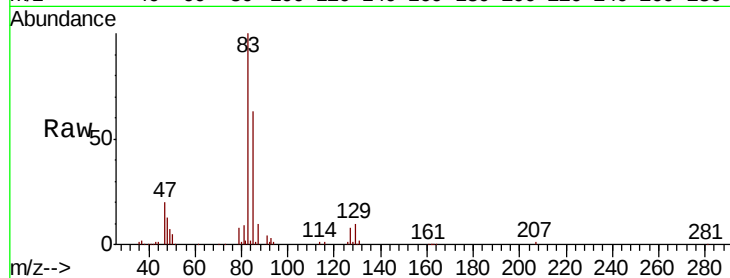
Tot Ion: 83 Resp: 144331

Ion Ratio Lower Upper

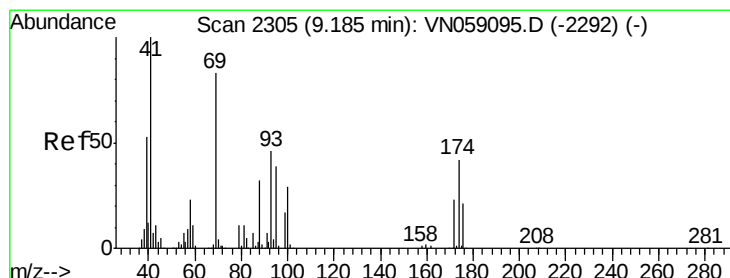
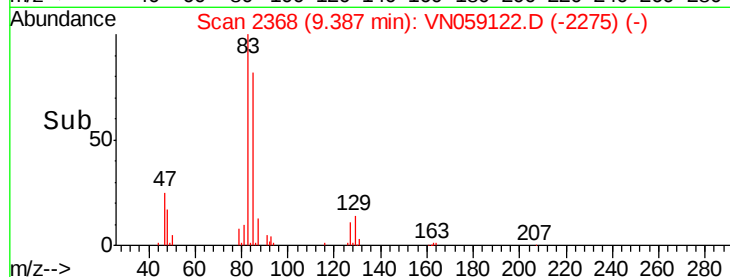
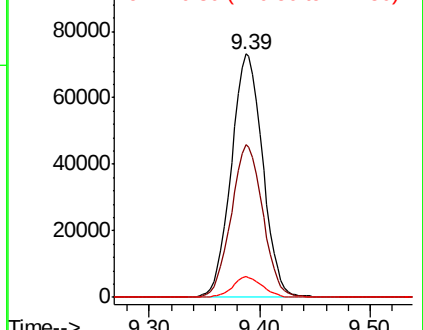
83 100

85 62.6 49.7 74.5

127 8.3 6.4 9.6



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



#48

Methyl methacrylate

Concen: 19.490 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

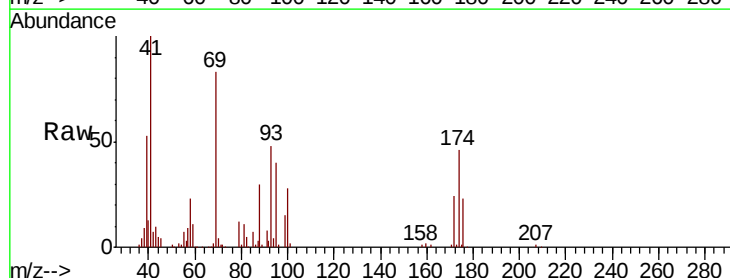
Tgt Ion: 41 Resp: 109296

Ion Ratio Lower Upper

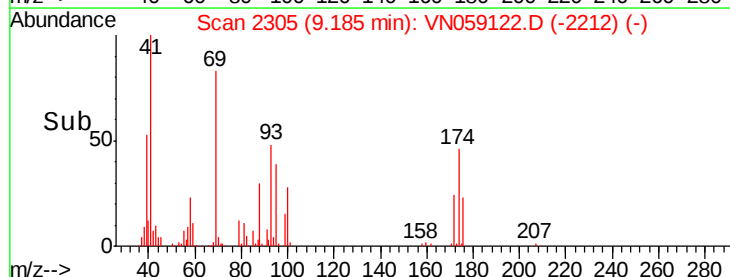
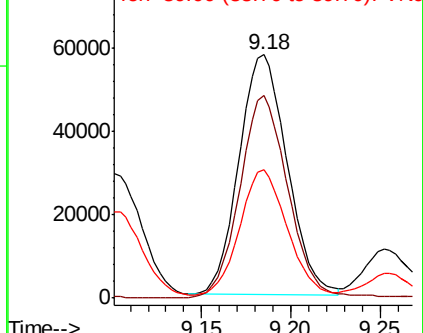
41 100

69 84.9 67.3 100.9

39 53.4 43.3 64.9



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





#49

1,4-Dioxane

Concen: 361.858 ug/l

RT: 9.18 min Scan# 2305

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

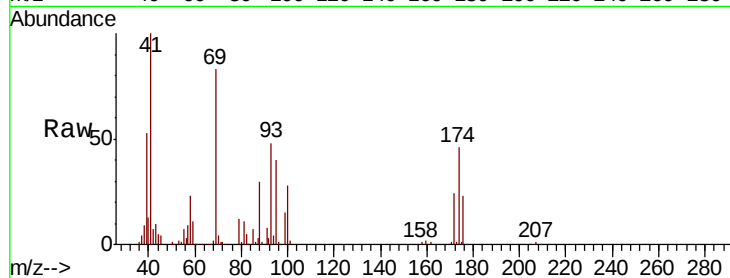
Tot Ion: 88 Resp: 36062

Ion Ratio Lower Upper

88 100

43 33.3 26.3 39.5

58 73.3 60.6 90.8

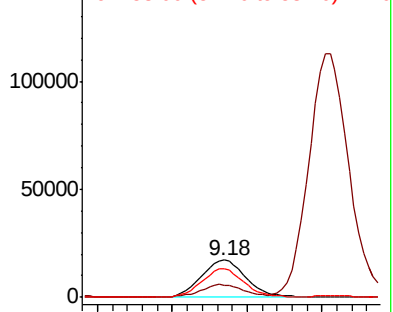


Abundance

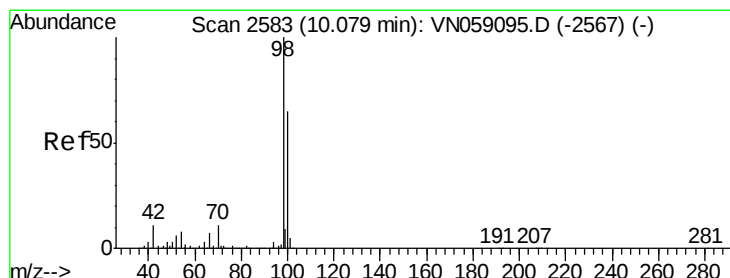
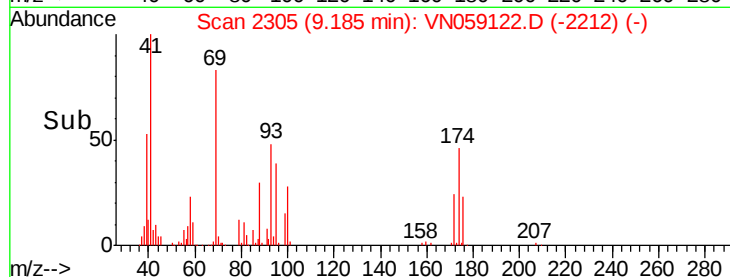
Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



Time-->



#50

Toluene-d8

Concen: 50.655 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN059122.D

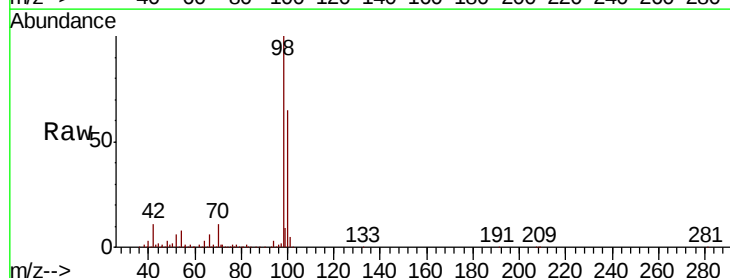
Acq: 7 Nov 2019 15:10

Tgt Ion: 98 Resp: 900978

Ion Ratio Lower Upper

98 100

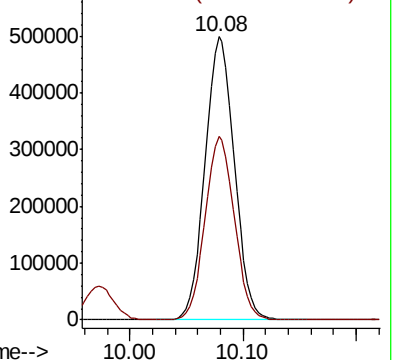
100 64.5 52.2 78.2



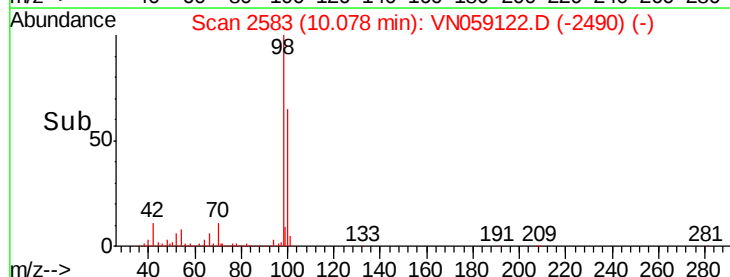
Abundance

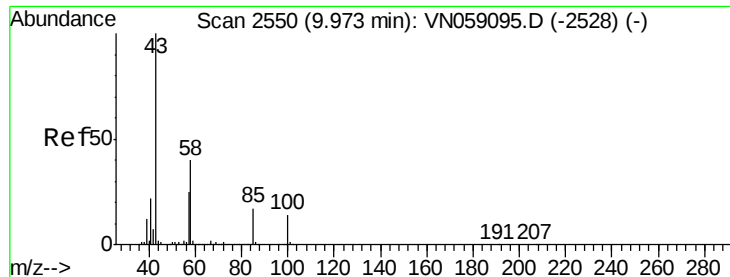
Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#51

4-Methyl-2-Pentanone

Concen: 111.332 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

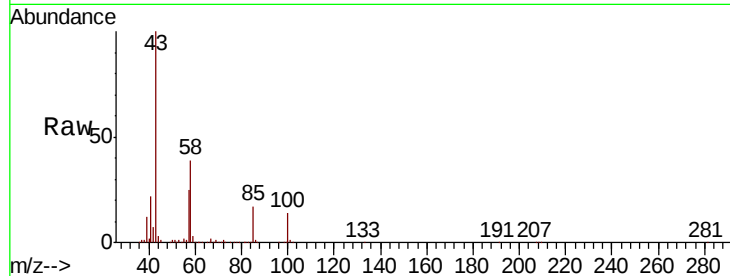
VN1107WBSD02

Tot Ion: 43 Resp: 789757

Ion Ratio Lower Upper

43 100

58 38.8 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN059095.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN059095.D (-2528) (-)

9.97

400000

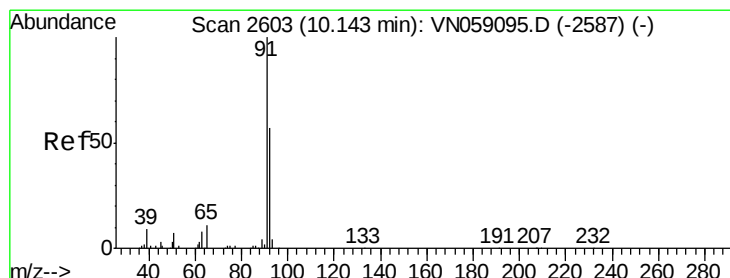
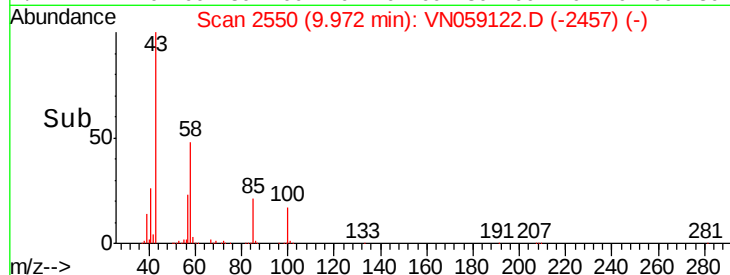
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.845 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. 0.00 min

Lab File: VN059122.D

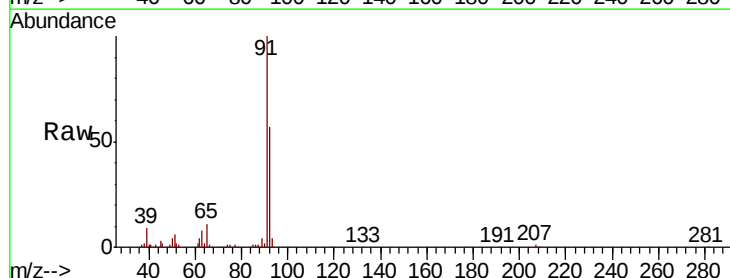
Acq: 7 Nov 2019 15:10

Tgt Ion: 92 Resp: 253191

Ion Ratio Lower Upper

92 100

91 174.6 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN059095.D (-2587) (-)

Ion 91.00 (90.70 to 91.70): VN059095.D (-2587) (-)

10.15

250000

200000

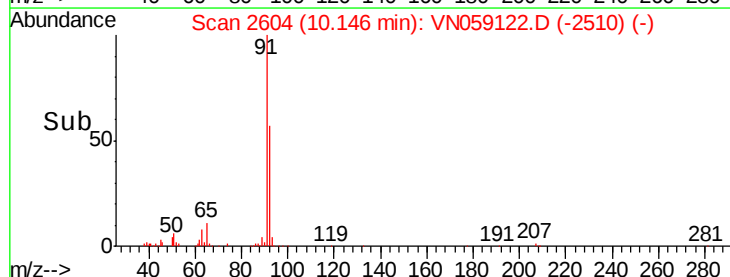
150000

100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.217 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampled :

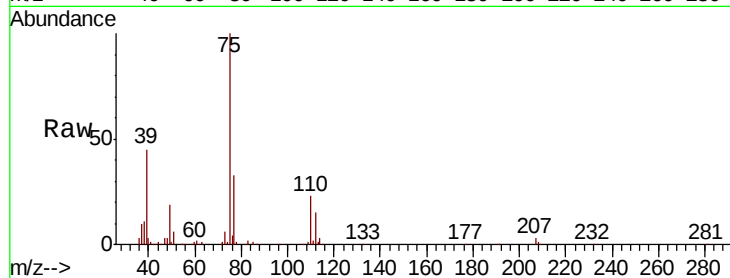
VN1107WBSD02

Tot Ion: 75 Resp: 159730

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

80000

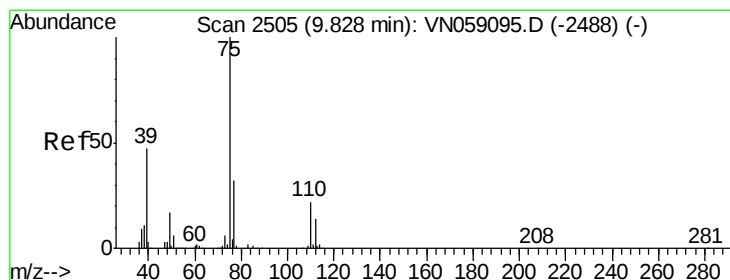
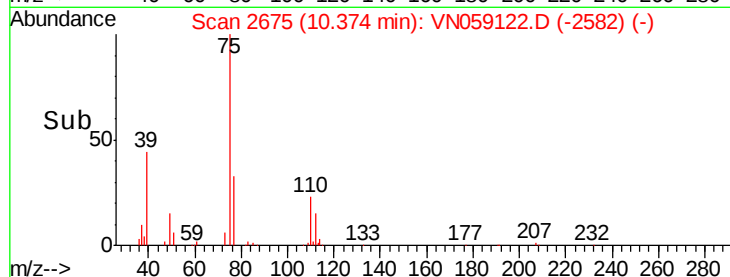
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.785 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

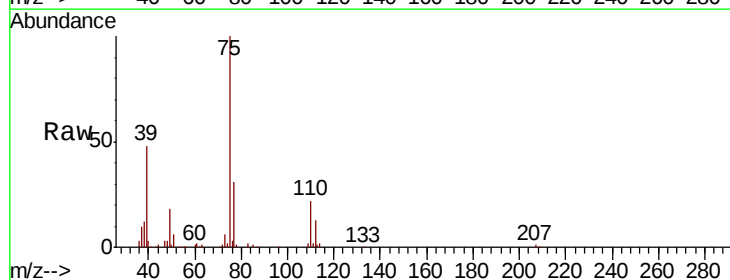
Tgt Ion: 75 Resp: 176902

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3

39 47.3 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.83

120000

100000

80000

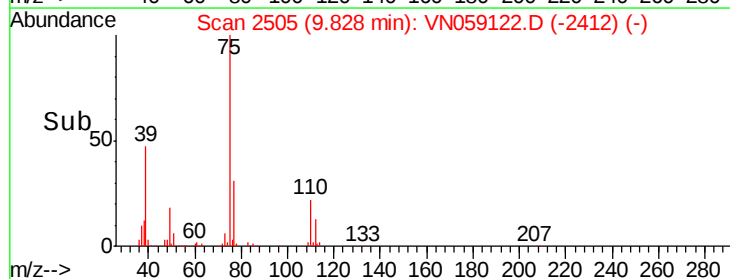
60000

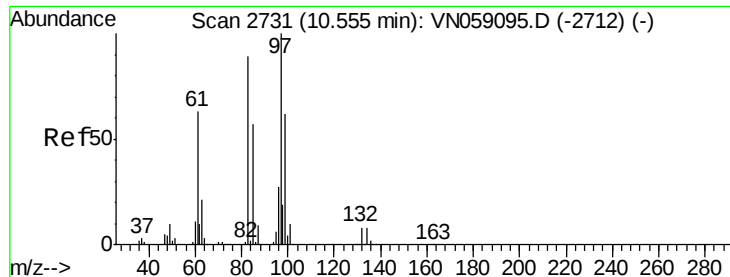
40000

20000

0

Time-->

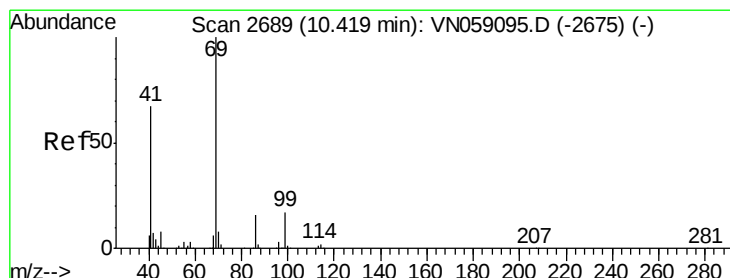
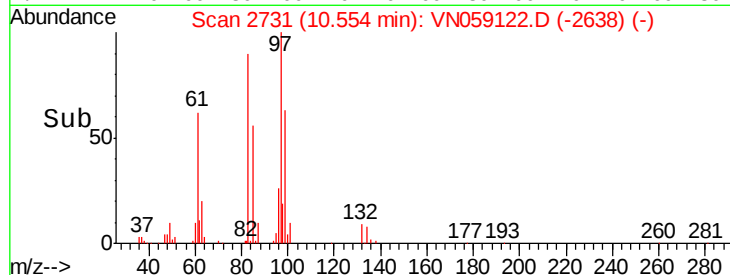
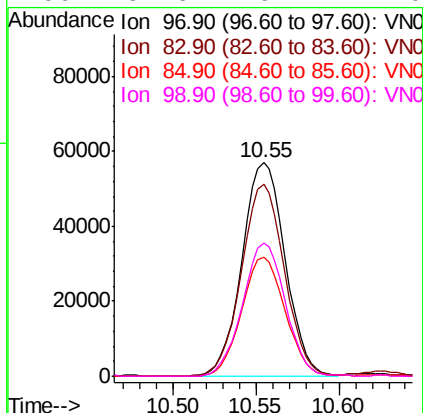
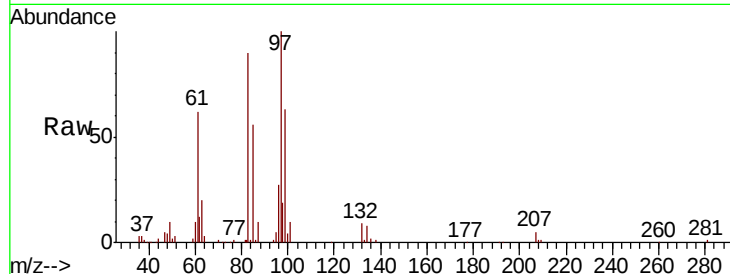




#55
 1,1,2-Trichloroethane
 Concen: 20.012 ug/l
 RT: 10.55 min Scan# 2731
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

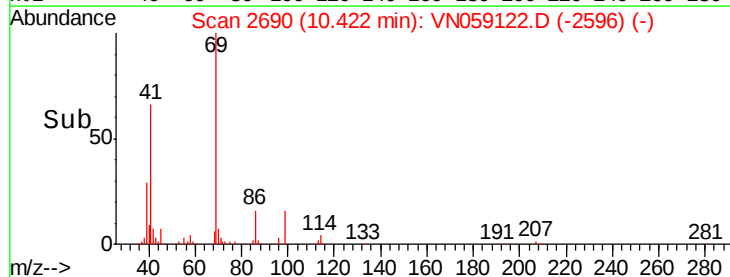
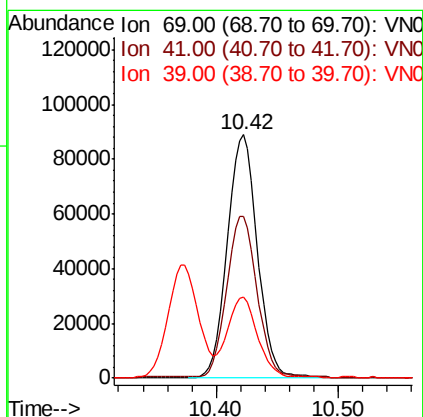
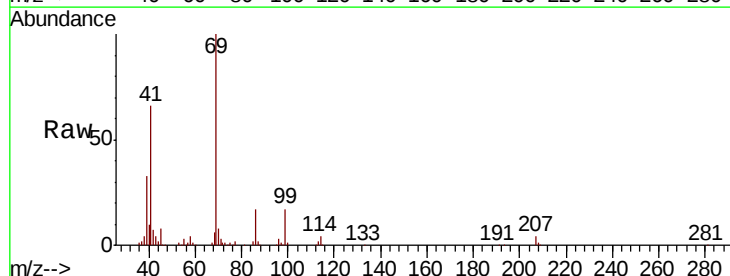
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

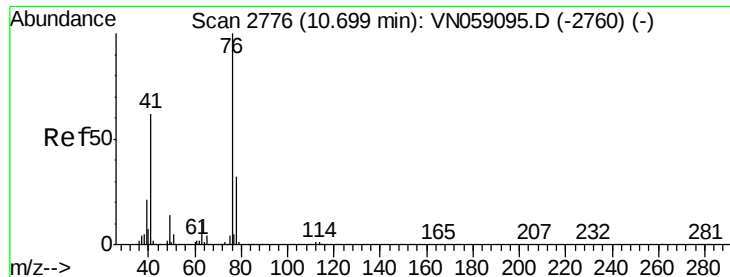
Tot Ion: 97 Resp: 103333
 Ion Ratio Lower Upper
 97 100
 83 89.9 71.0 106.4
 85 55.9 45.8 68.8
 99 62.6 49.4 74.0



#56
 Ethyl methacrylate
 Concen: 19.055 ug/l
 RT: 10.42 min Scan# 2690
 Delta R.T. 0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

Tgt Ion: 69 Resp: 153730
 Ion Ratio Lower Upper
 69 100
 41 66.5 53.6 80.4
 39 32.8 26.2 39.4





#57

1,3-Dichloropropane

Concen: 20.045 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

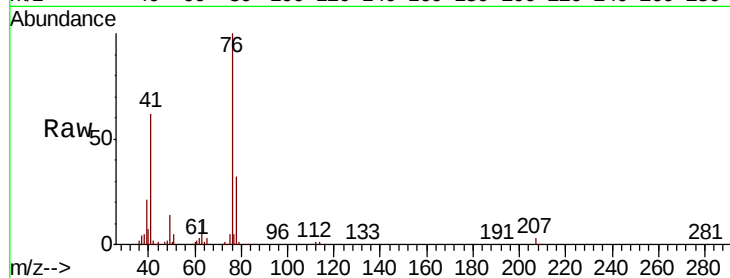
VN1107WBSD02

Tot Ion: 76 Resp: 178137

Ion Ratio Lower Upper

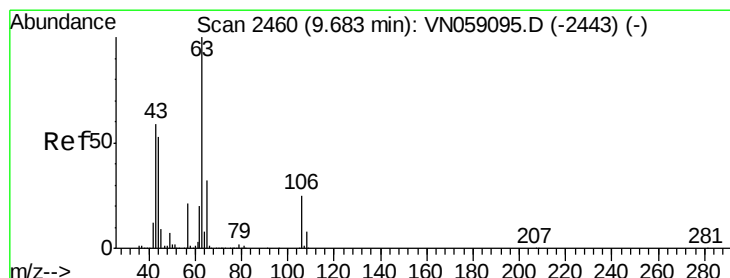
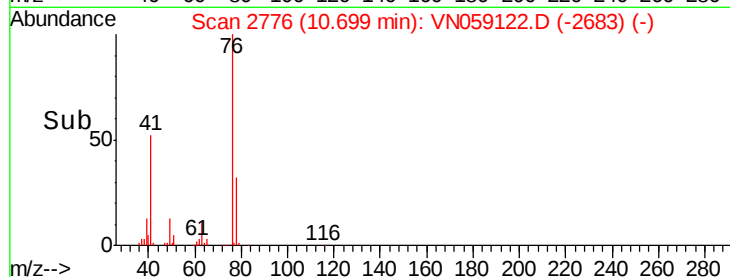
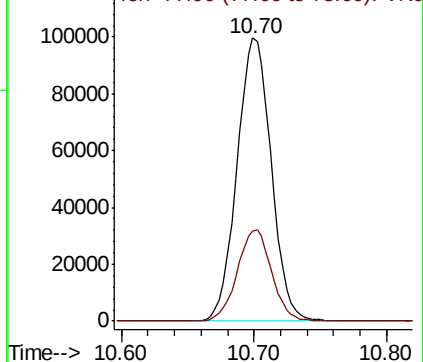
76 100

78 32.4 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: 106.599 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. -0.00 min

Lab File: VN059122.D

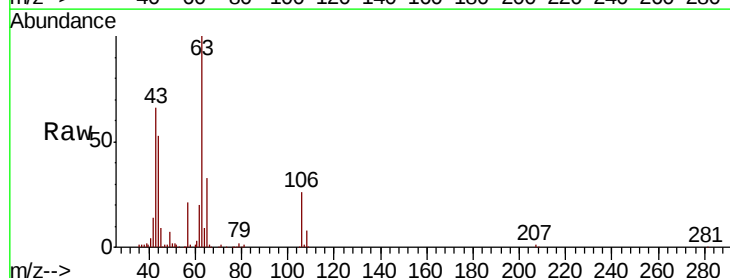
Acq: 7 Nov 2019 15:10

Tgt Ion: 63 Resp: 306328

Ion Ratio Lower Upper

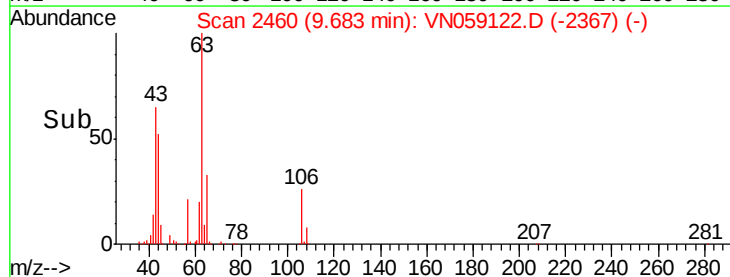
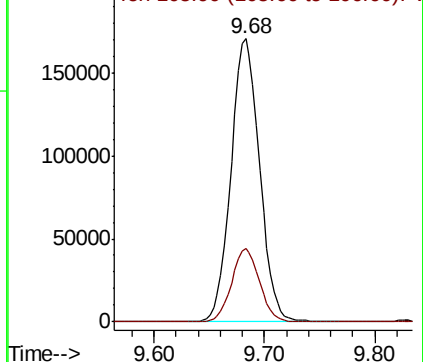
63 100

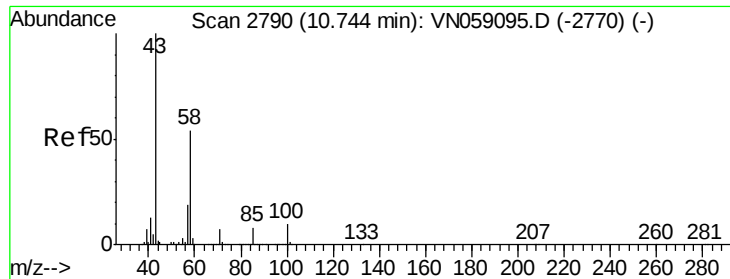
106 25.2 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

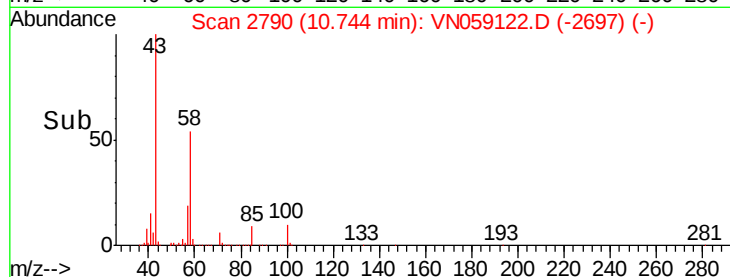
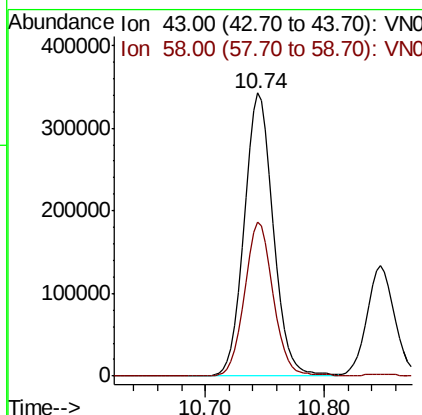
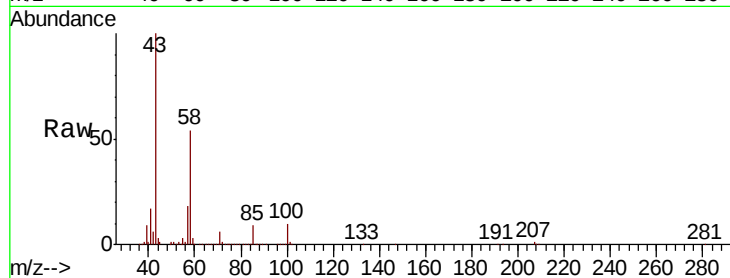




#59
2-Hexanone
Concen: 106.018 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

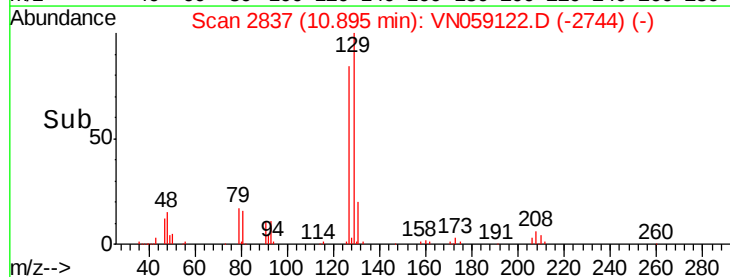
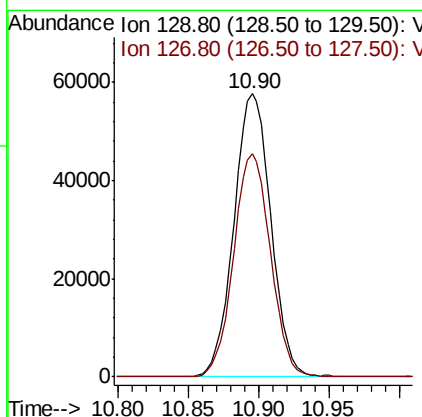
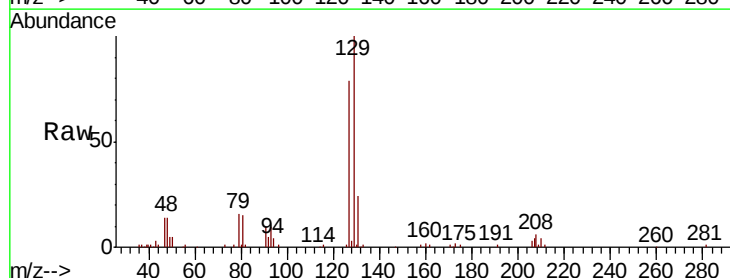
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

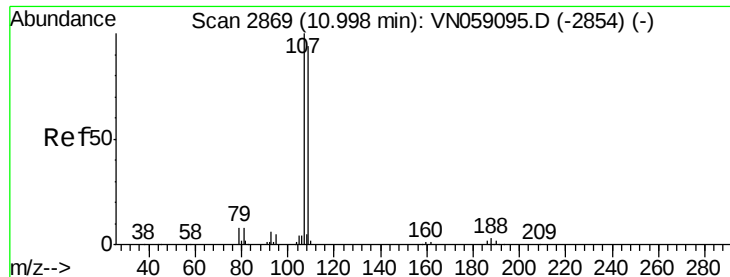
Tot Ion: 43 Resp: 577246
Ion Ratio Lower Upper
43 100
58 54.0 27.3 81.8



#60
Dibromochloromethane
Concen: 19.441 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion: 129 Resp: 106133
Ion Ratio Lower Upper
129 100
127 78.4 38.6 115.8

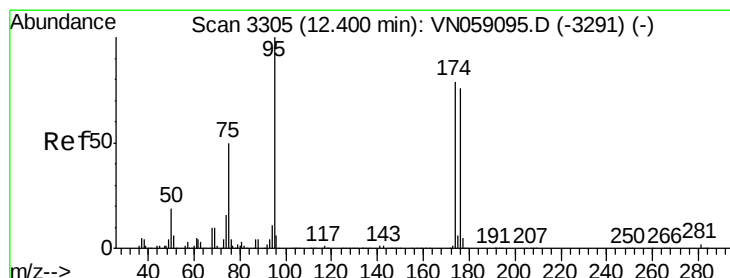
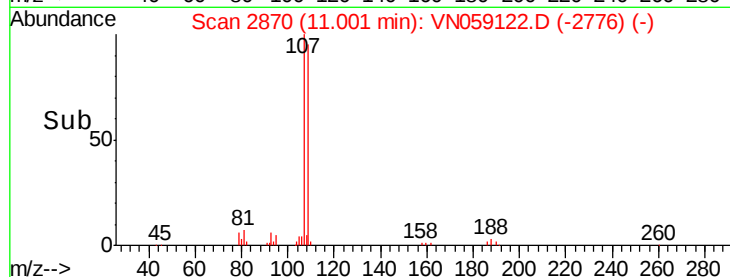
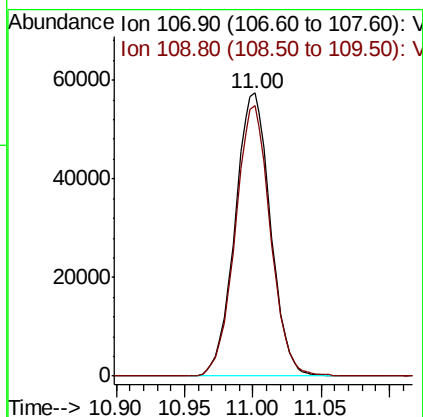
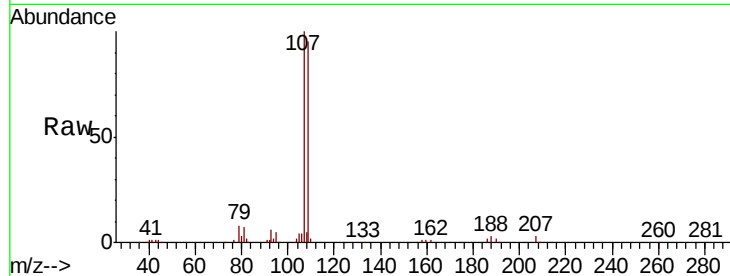




#61
 1,2-Dibromoethane
 Concen: 19.817 ug/l
 RT: 11.00 min Scan# 2870
 Delta R.T. 0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

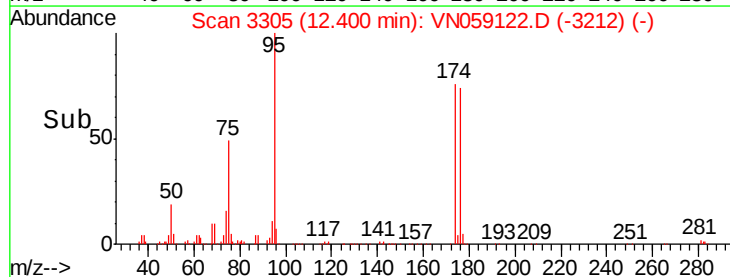
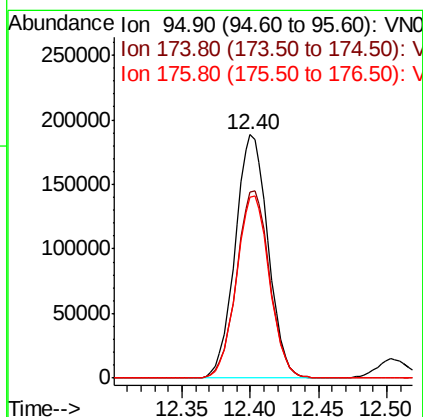
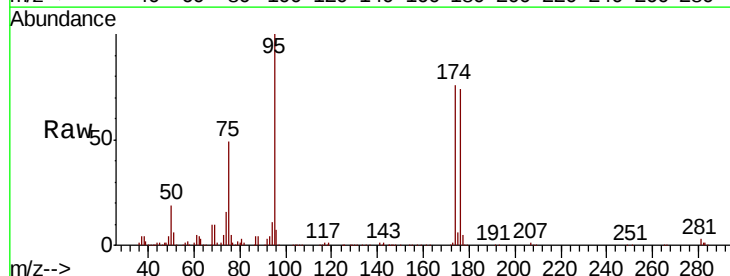
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Tot Ion: 107 Resp: 103584
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.5 113.3



#62
 4-Bromofluorobenzene
 Concen: 49.116 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

Tgt Ion: 95 Resp: 314986
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 158.2
 176 75.4 0.0 151.8

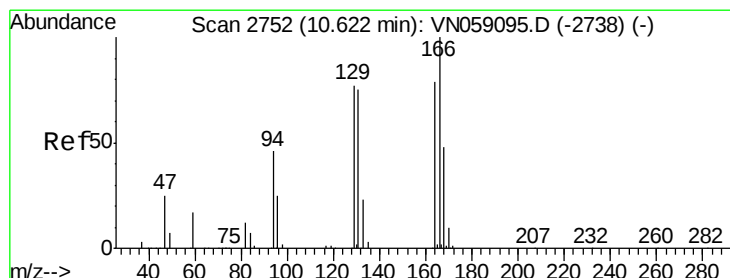
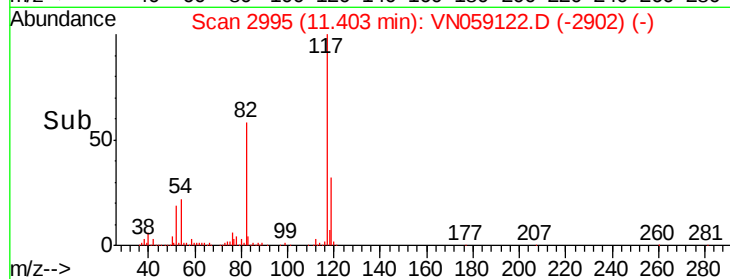
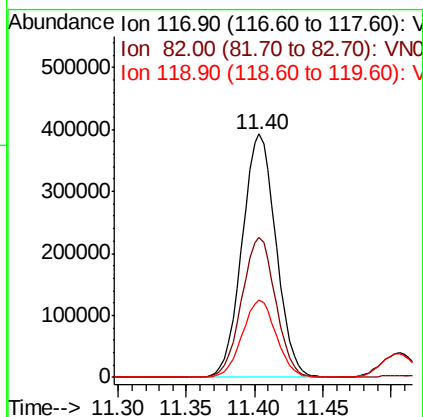
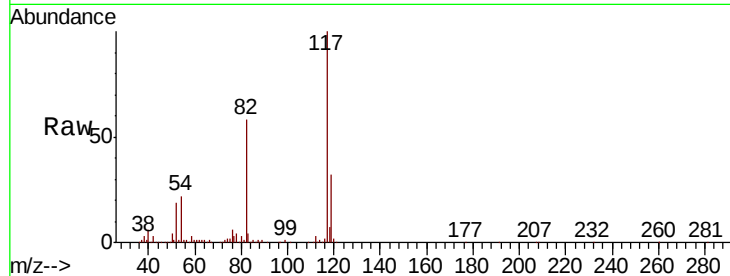




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

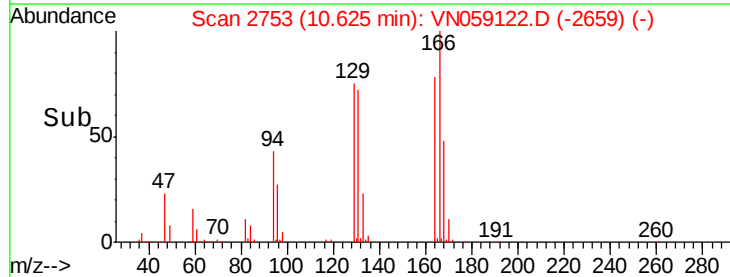
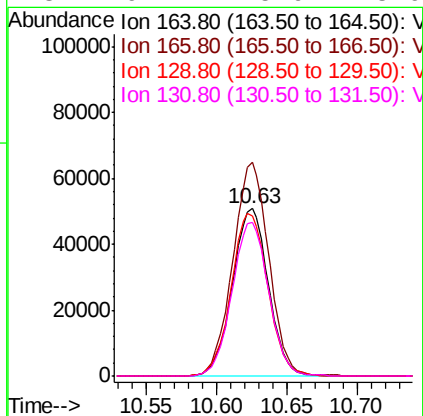
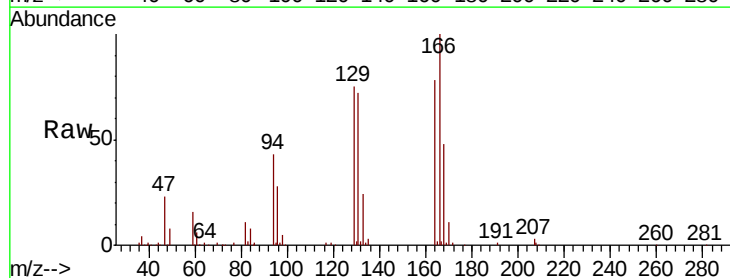
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

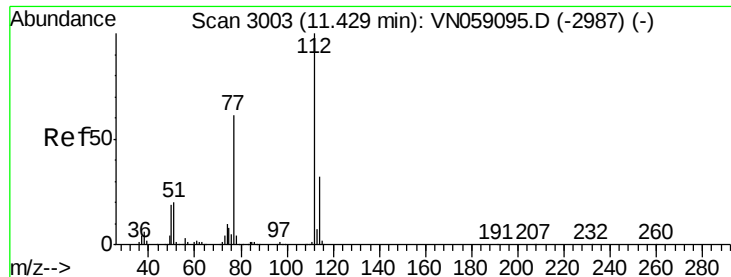
Tot Ion:117 Resp: 677546
Ion Ratio Lower Upper
117 100
82 57.5 45.8 68.8
119 31.6 25.8 38.6



#64
Tetrachloroethene
Concen: 19.669 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion:164 Resp: 90617
Ion Ratio Lower Upper
164 100
166 127.5 101.5 152.3
129 95.8 78.3 117.5
131 91.7 75.9 113.9





#65

Chlorobenzene

Concen: 20.040 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

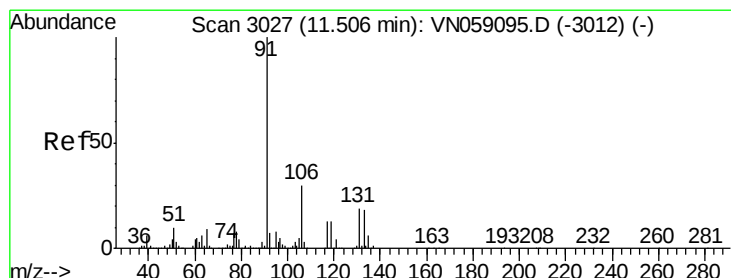
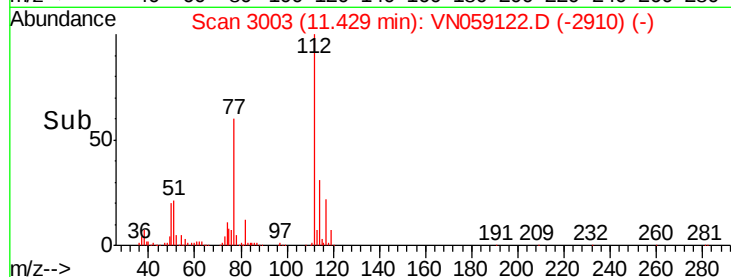
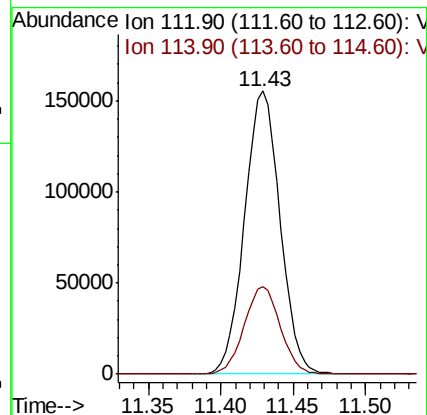
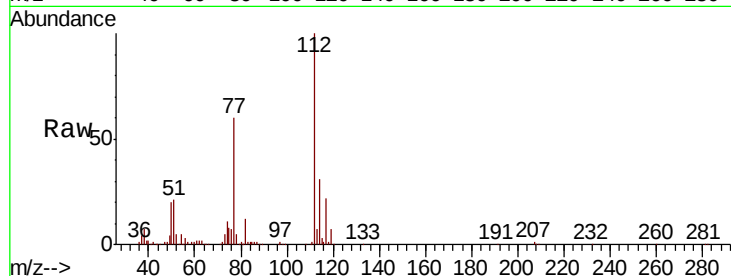
VN1107WBSD02

Tot Ion:112 Resp: 264689

Ion Ratio Lower Upper

112 100

114 31.2 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 20.000 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

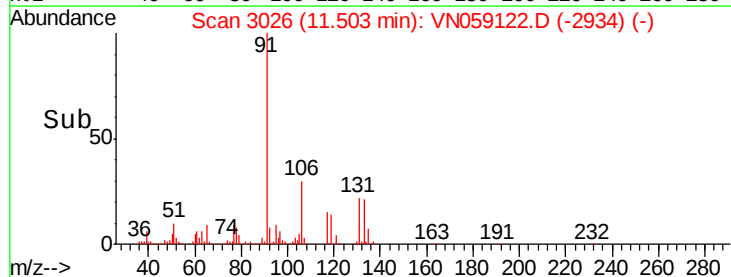
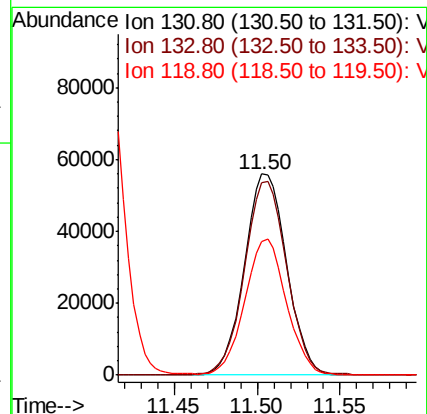
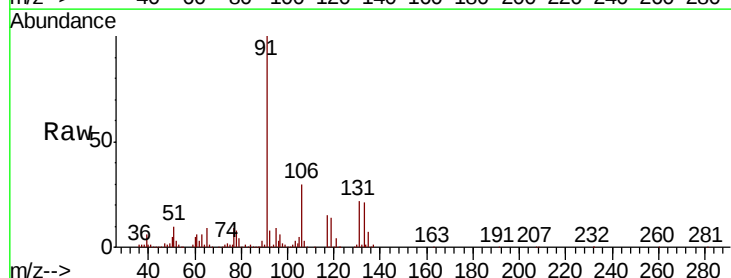
Tgt Ion:131 Resp: 99093

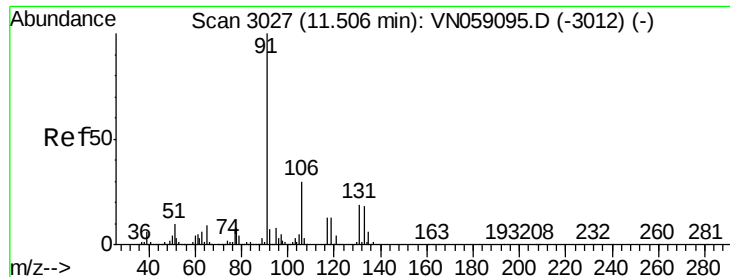
Ion Ratio Lower Upper

131 100

133 95.7 47.4 142.3

119 66.7 33.2 99.6





#67

Ethyl Benzene

Concen: 20.219 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

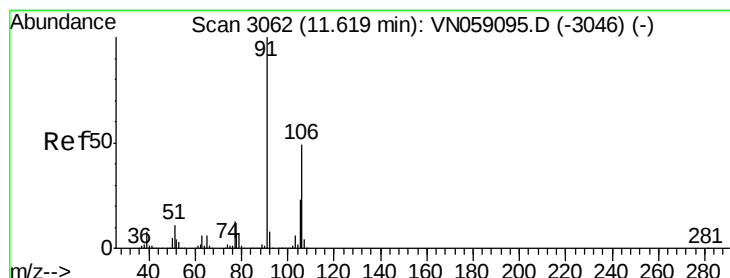
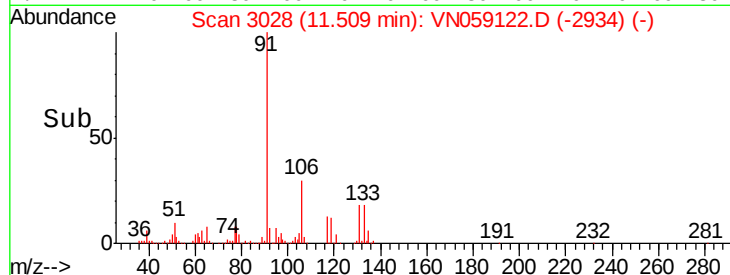
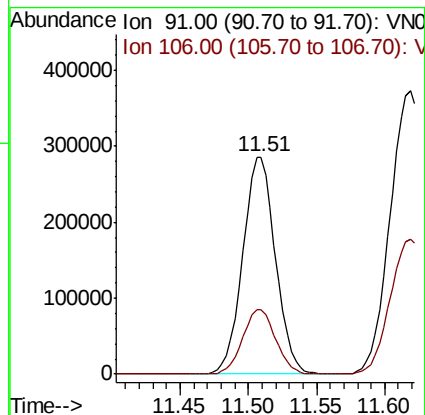
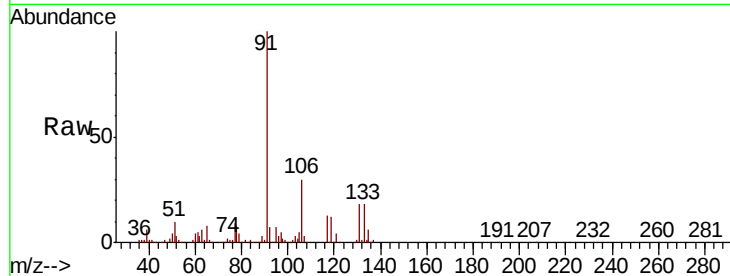
VN1107WBSD02

Tot Ion: 91 Resp: 473812

Ion Ratio Lower Upper

91 100

106 29.5 24.1 36.1



#68

m/p-Xylenes

Concen: 39.736 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059122.D

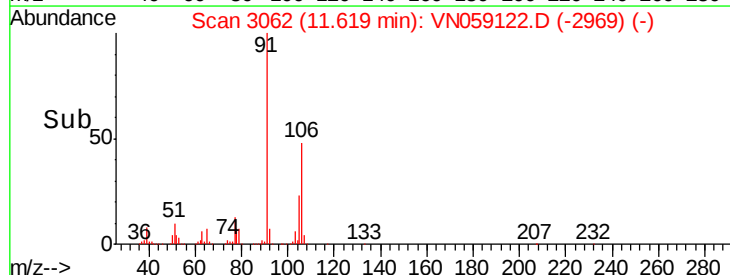
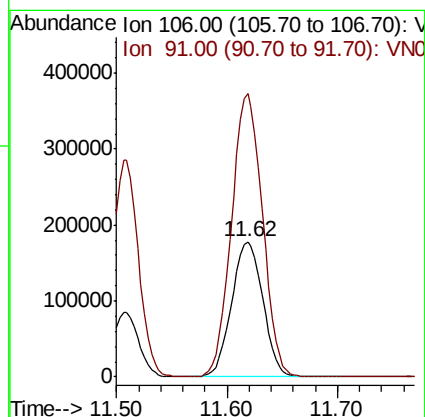
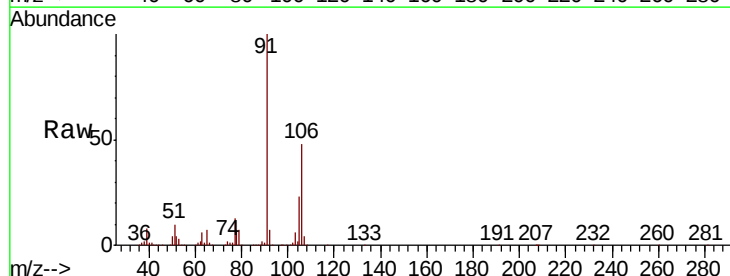
Acq: 7 Nov 2019 15:10

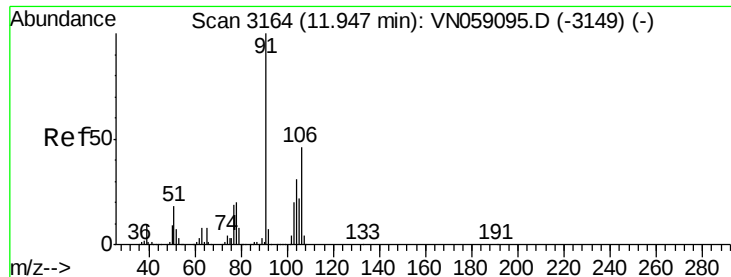
Tgt Ion: 106 Resp: 348810

Ion Ratio Lower Upper

106 100

91 207.8 164.7 247.1

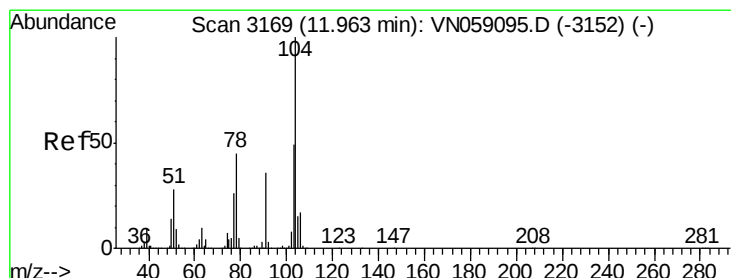
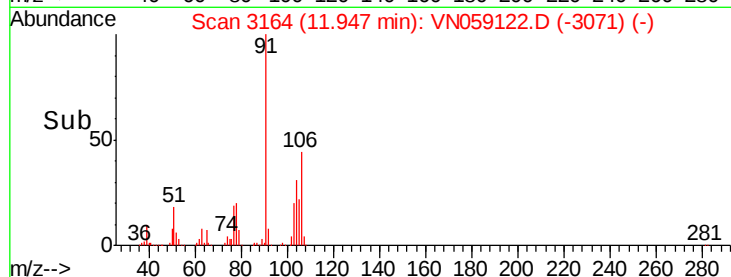
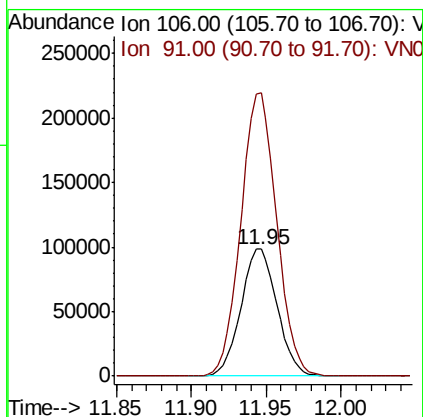
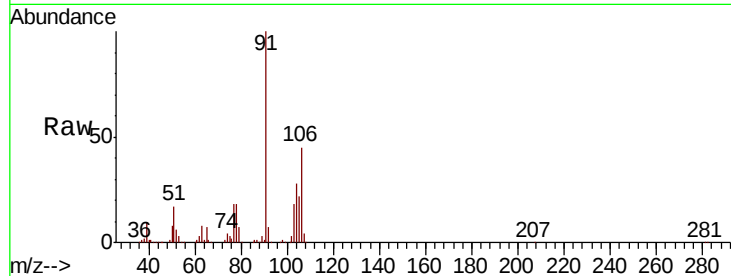




#69
o-Xylene
Concen: 19.552 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

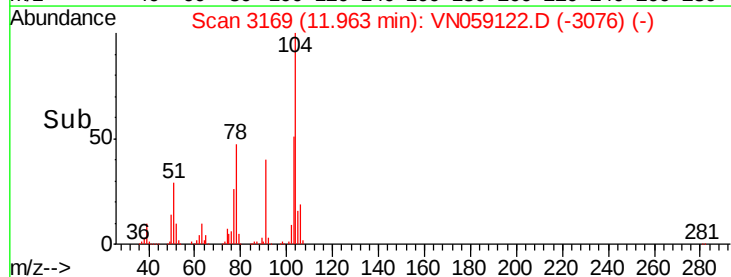
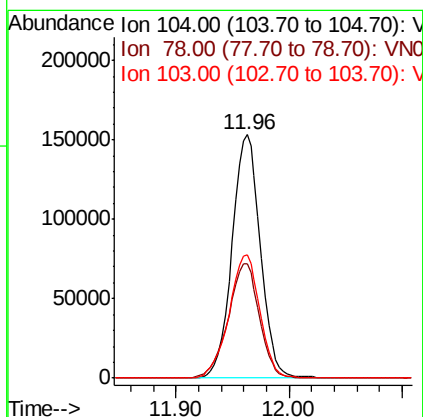
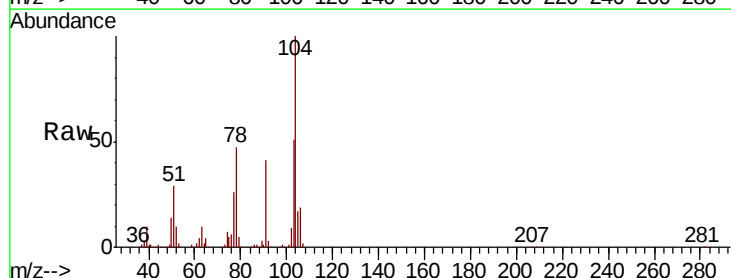
Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

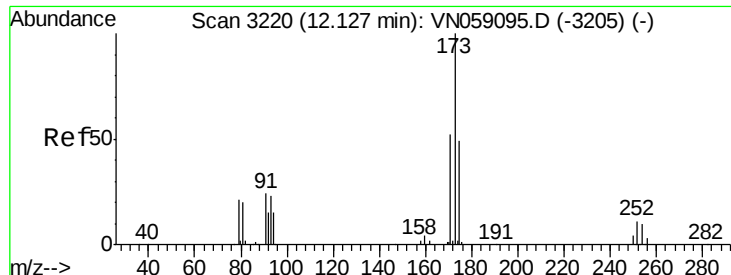
Tot Ion:106 Resp: 165863
Ion Ratio Lower Upper
106 100
91 220.9 110.1 330.3



#70
Styrene
Concen: 20.021 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion:104 Resp: 267116
Ion Ratio Lower Upper
104 100
78 52.0 41.2 61.8
103 55.1 43.8 65.6





#71

Bromoform

Concen: 19.918 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

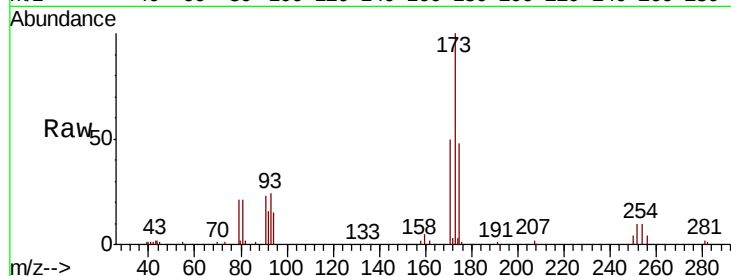
Tot Ion:173 Resp: 76763

Ion Ratio Lower Upper

173 100

175 49.3 24.2 72.6

254 0.0 0.1 0.1#

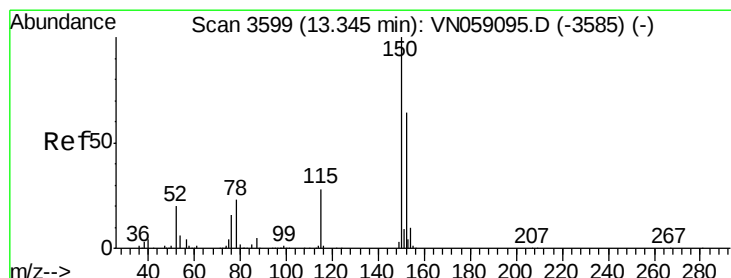
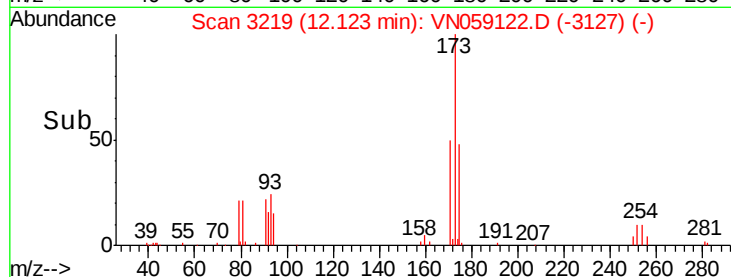
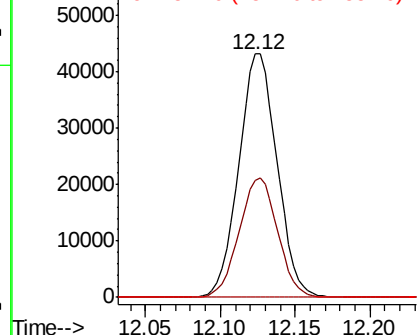


Abundance

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: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

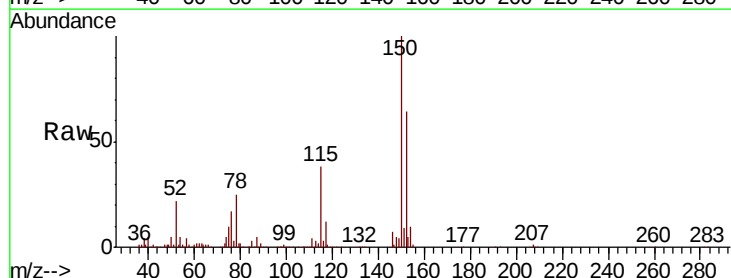
Tgt Ion:152 Resp: 301246

Ion Ratio Lower Upper

152 100

115 60.3 29.4 88.2

150 163.2 0.0 345.8

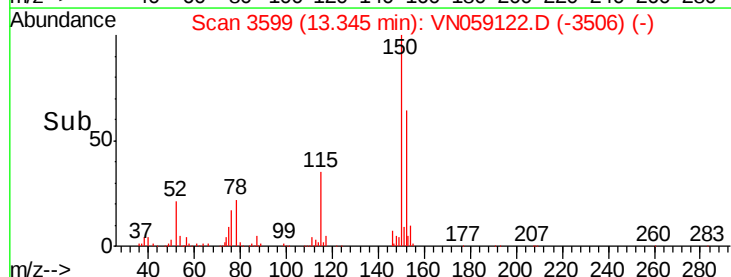
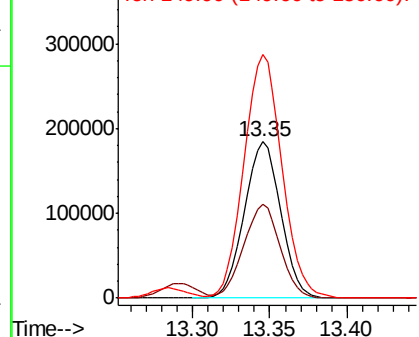


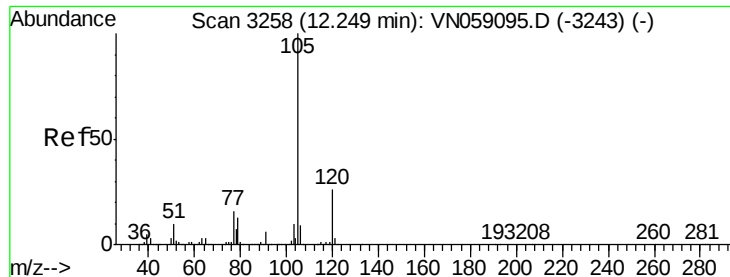
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.802 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

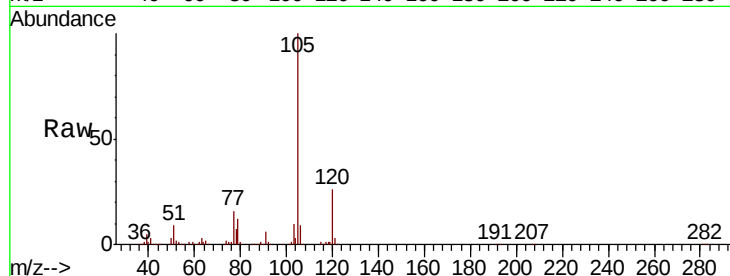
VN1107WBSD02

Tot Ion:105 Resp: 455836

Ion Ratio Lower Upper

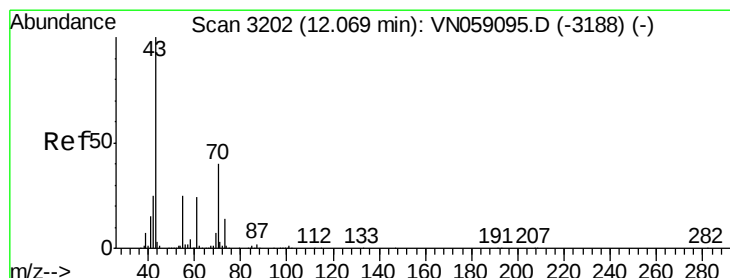
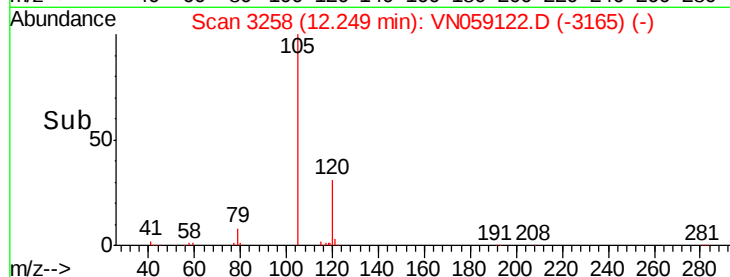
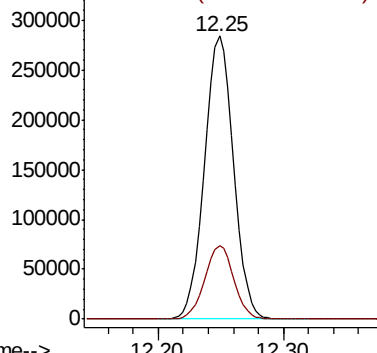
105 100

120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.182 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Tgt Ion: 43 Resp: 187394

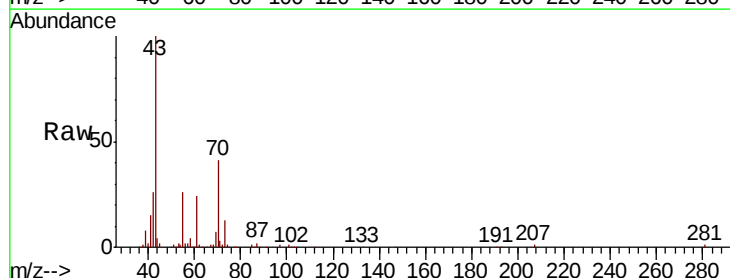
Ion Ratio Lower Upper

43 100

70 41.9 32.2 48.4

55 26.6 20.4 30.6

61 24.5 19.3 28.9

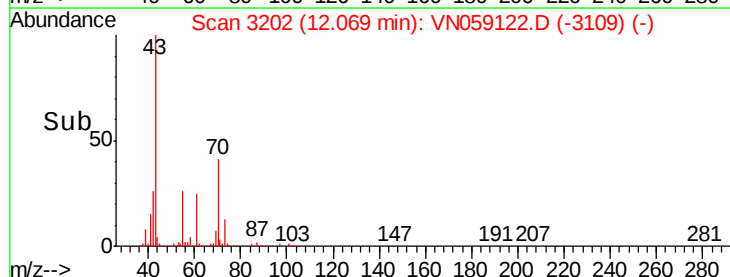
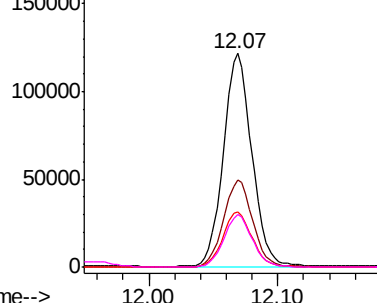


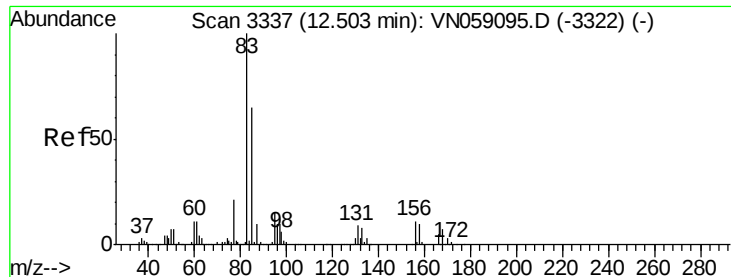
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.159 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

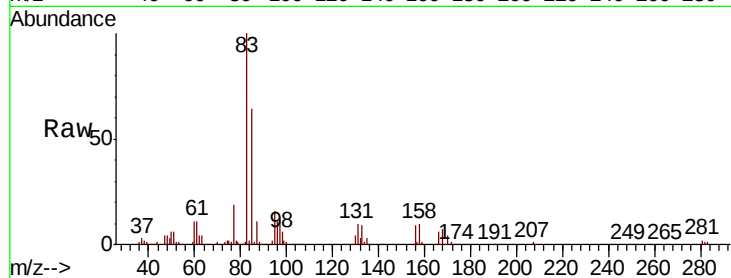
Tot Ion: 83 Resp: 157897

Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.6
85	63.5	32.4	97.2

83 100

131 9.8 4.9 14.6

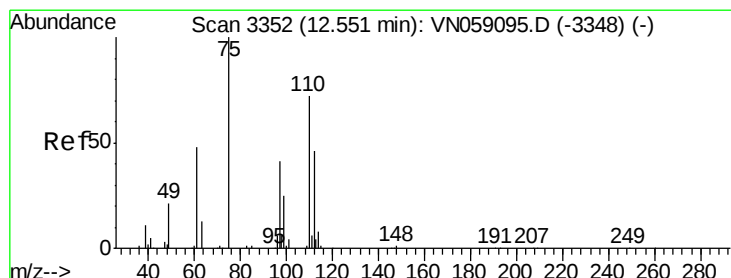
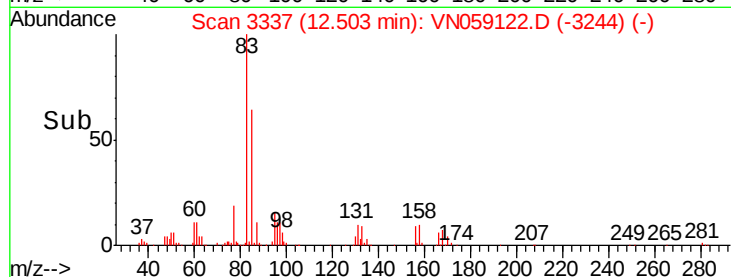
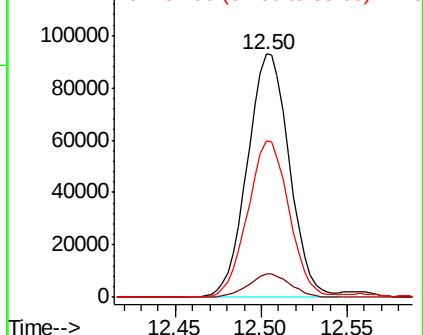
85 63.5 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN059122.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN059122.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN059122.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 30.046 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059122.D

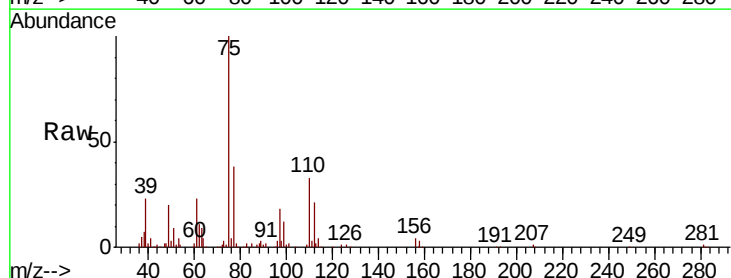
Acq: 7 Nov 2019 15:10

Tgt Ion: 75 Resp: 206065

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

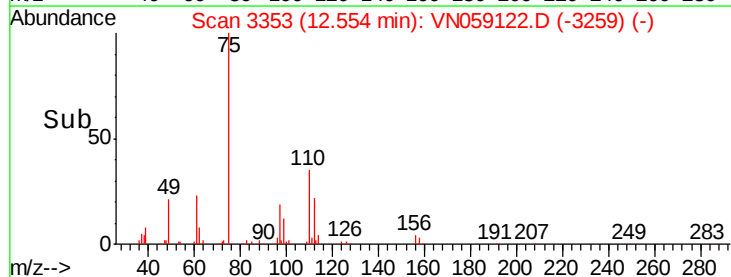
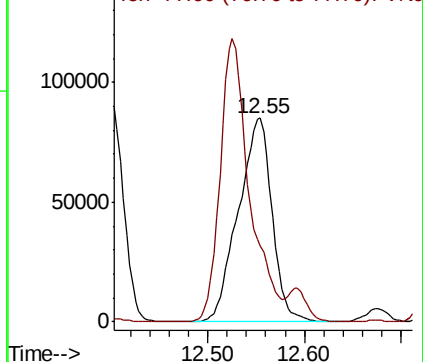
75 100

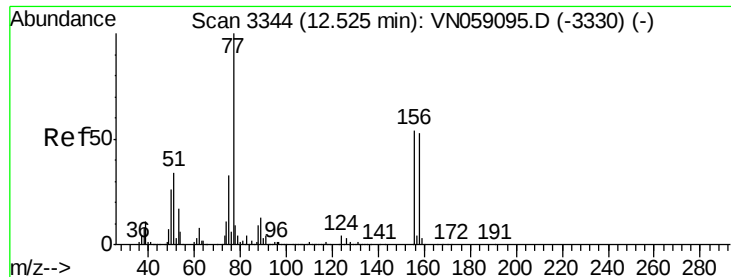
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059122.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN059122.D (-3259) (-)





#77

Bromobenzene

Concen: 19.862 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

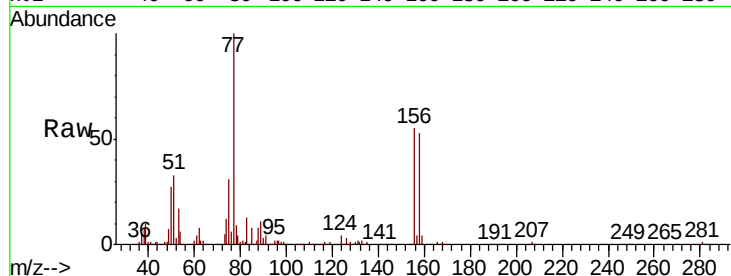
Tot Ion:156 Resp: 109350

Ion Ratio Lower Upper

156 100

77 228.0 112.8 338.3

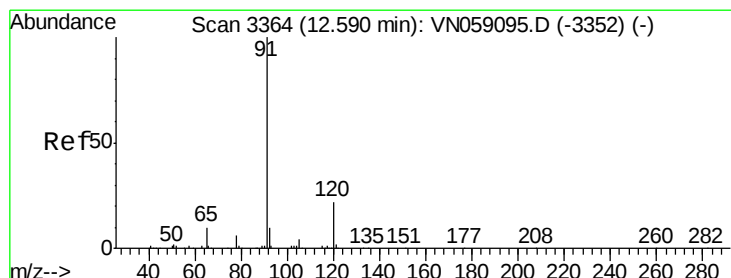
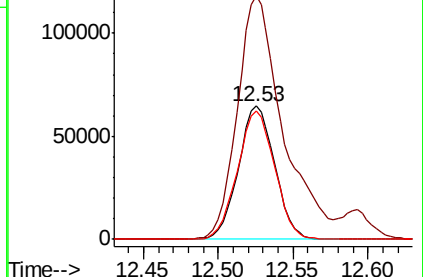
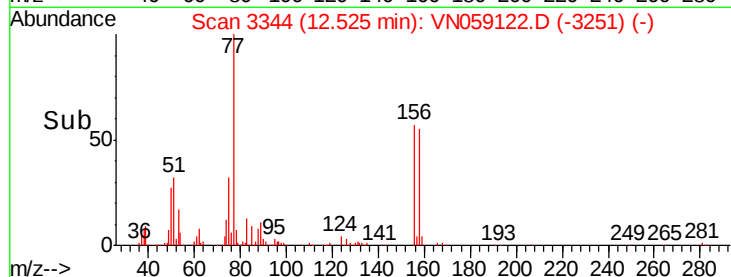
158 98.6 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.582 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN059122.D

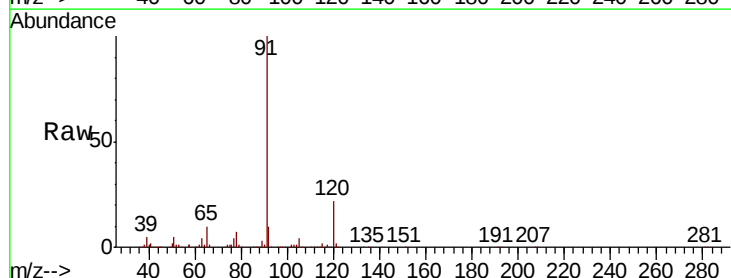
Acq: 7 Nov 2019 15:10

Tgt Ion: 91 Resp: 516415

Ion Ratio Lower Upper

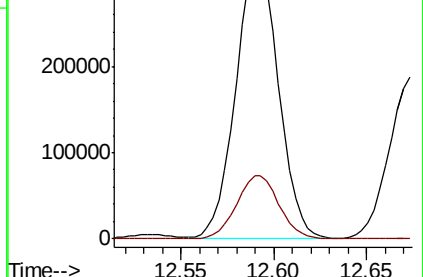
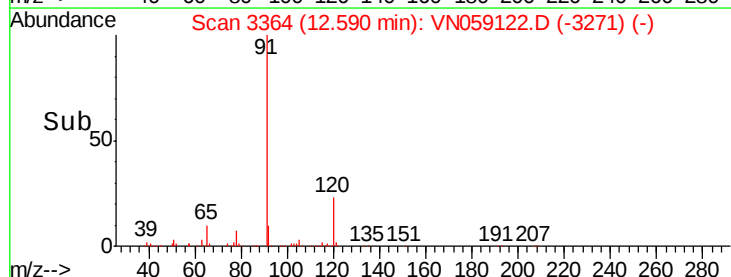
91 100

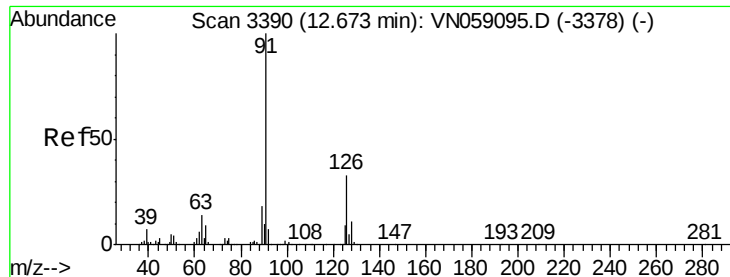
120 22.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.201 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

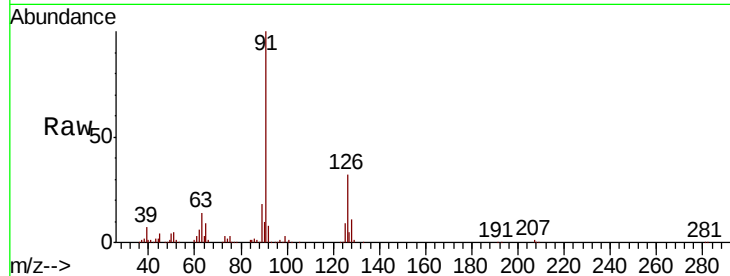
VN1107WBSD02

Tot Ion: 91 Resp: 314427

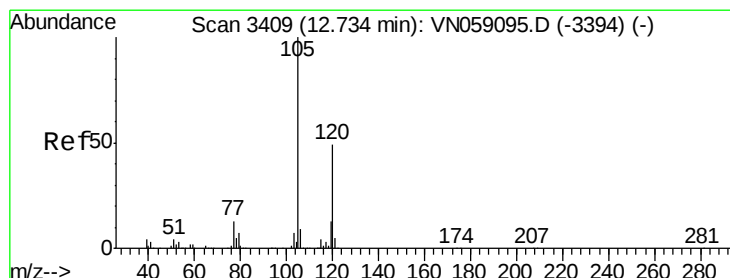
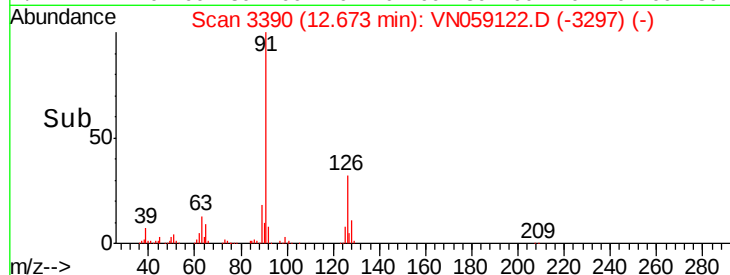
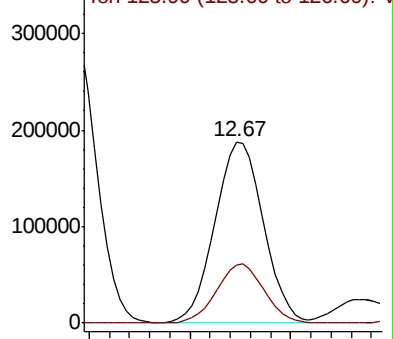
Ion Ratio Lower Upper

91 100

126 32.3 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN059122.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.584 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN059122.D

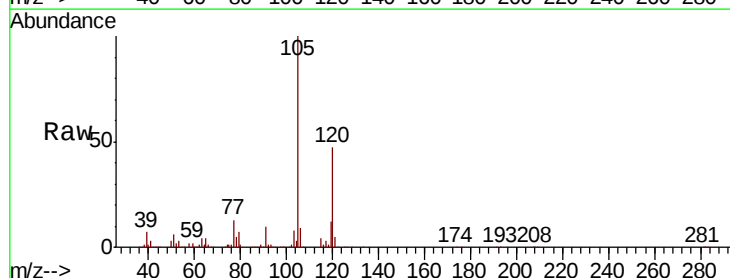
Acq: 7 Nov 2019 15:10

Tgt Ion: 105 Resp: 382203

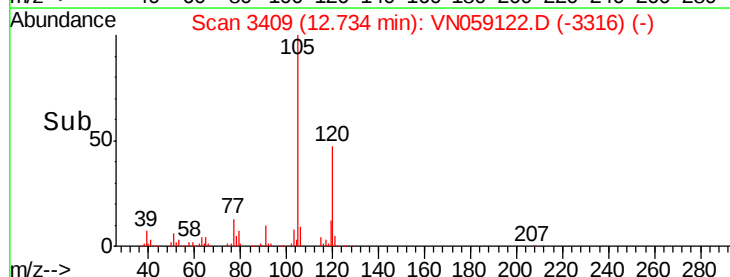
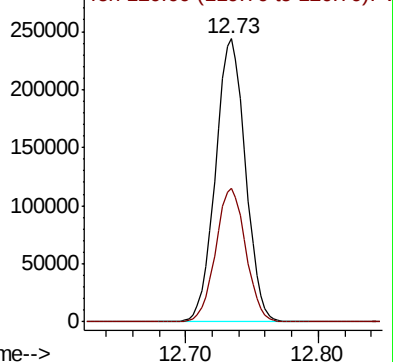
Ion Ratio Lower Upper

105 100

120 47.5 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): VN059122.D (-3316) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 19.437 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

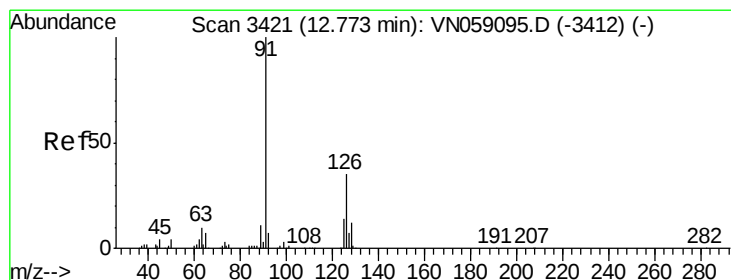
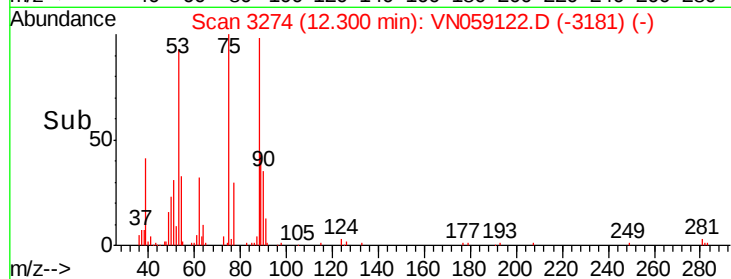
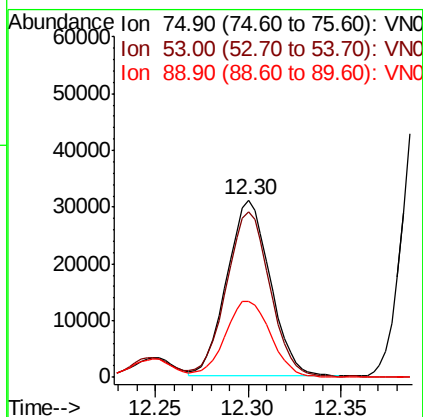
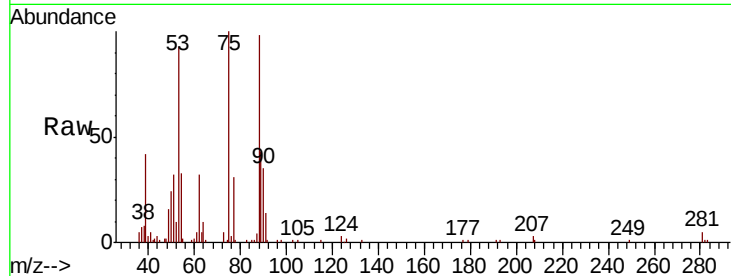
Tot Ion: 75 Resp: 50470

Ion Ratio Lower Upper

75 100

53 94.9 72.2 108.2

89 45.4 35.8 53.8



#82

4-Chlorotoluene

Concen: 20.396 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN059122.D

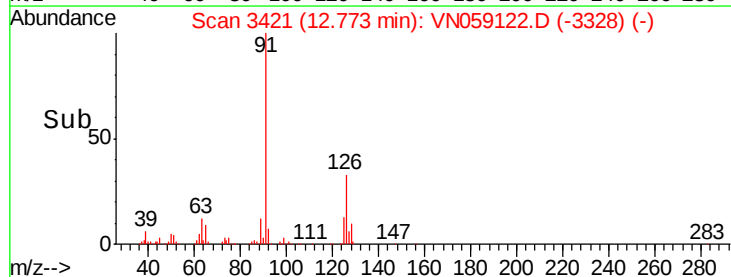
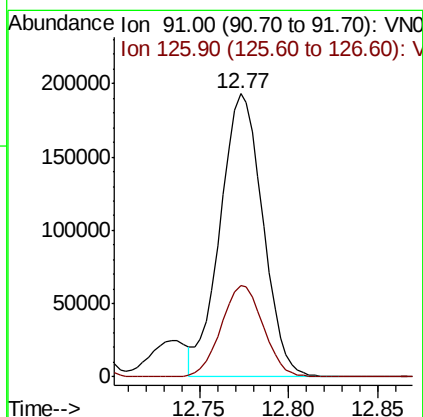
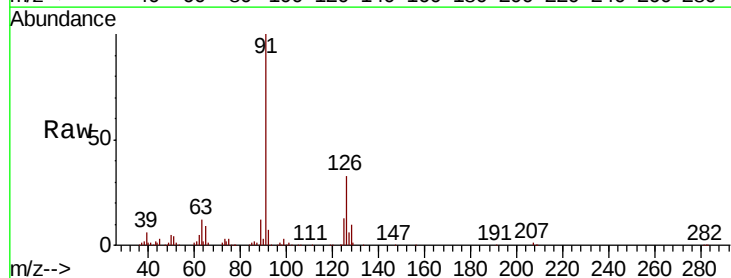
Acq: 7 Nov 2019 15:10

Tgt Ion: 91 Resp: 318410

Ion Ratio Lower Upper

91 100

126 32.3 16.1 48.2





#83

tert-Butylbenzene

Concen: 20.313 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

VN1107WBSD02

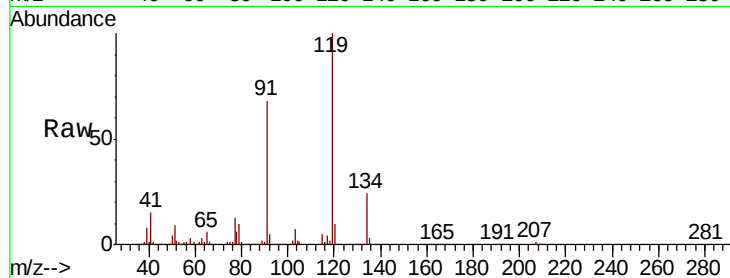
Tot Ion:119 Resp: 325712

Ion Ratio Lower Upper

119 100

91 66.8 33.2 99.6

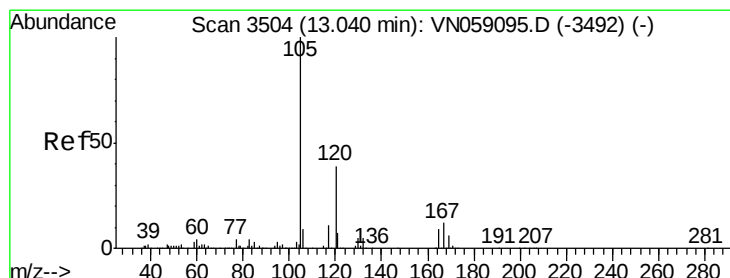
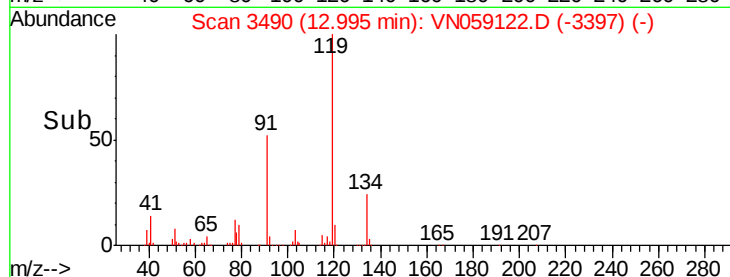
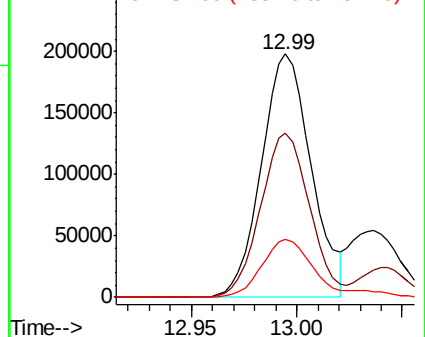
134 23.9 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 20.830 ug/l

RT: 13.04 min Scan# 3505

Delta R.T. 0.00 min

Lab File: VN059122.D

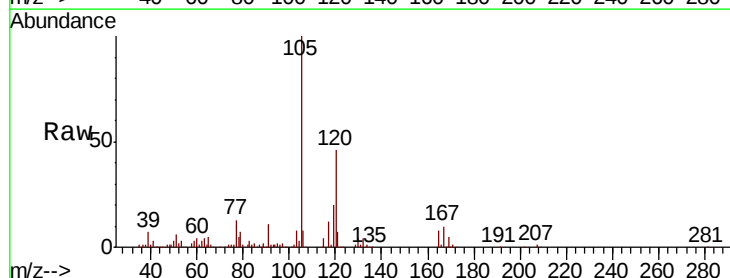
Acq: 7 Nov 2019 15:10

Tgt Ion:105 Resp: 374192

Ion Ratio Lower Upper

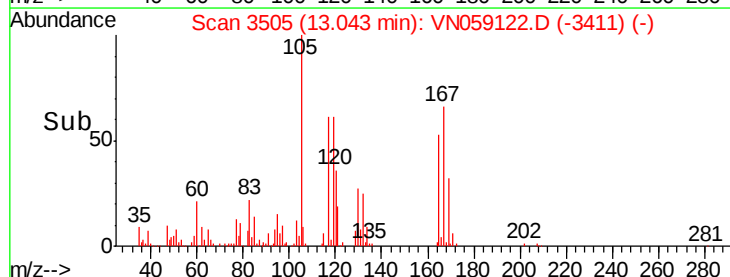
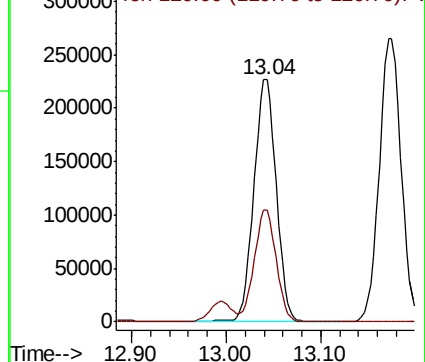
105 100

120 45.3 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.377 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

Instrument :

MSVOA_N

ClientSampleId :

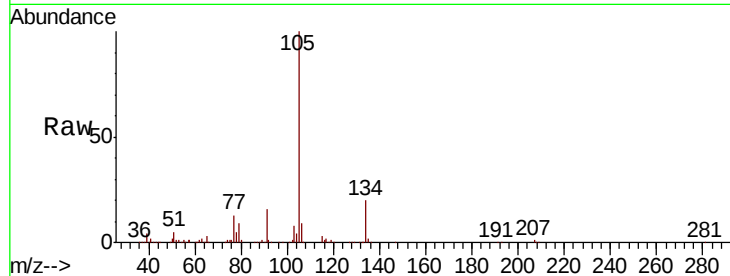
VN1107WBSD02

Tot Ion:105 Resp: 424932

Ion Ratio Lower Upper

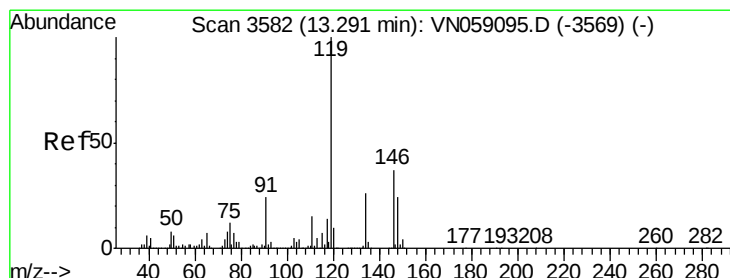
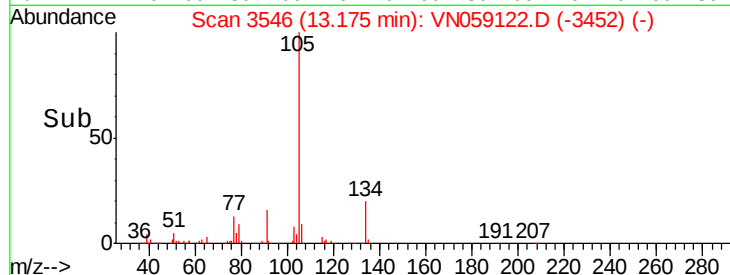
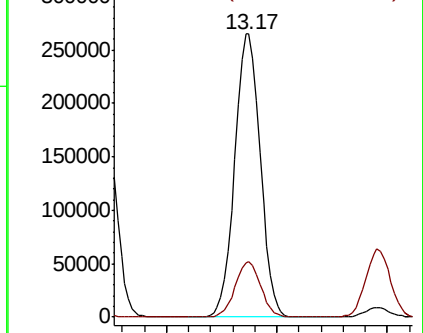
105 100

134 19.6 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.504 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN059122.D

Acq: 7 Nov 2019 15:10

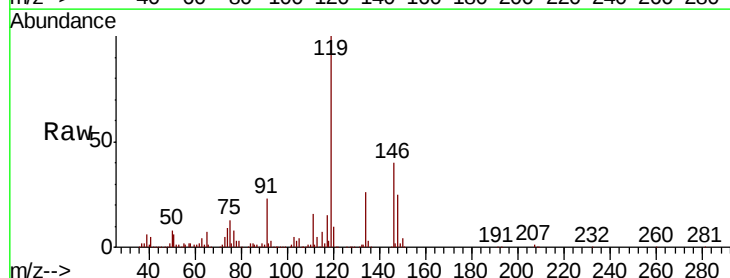
Tgt Ion:119 Resp: 377554

Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

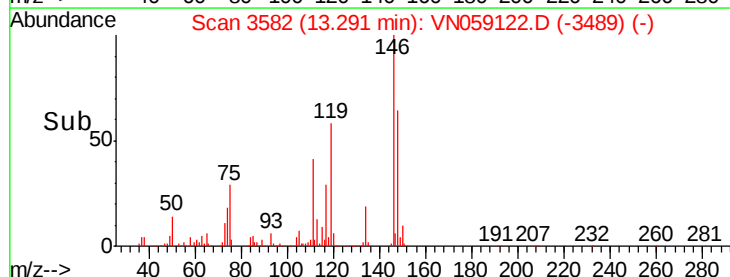
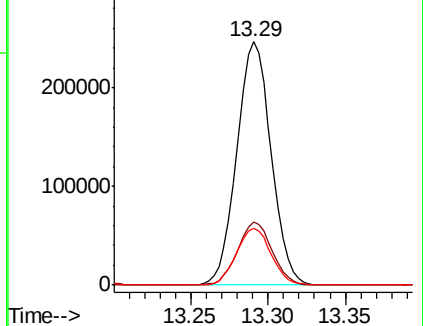
91 24.0 11.7 35.1

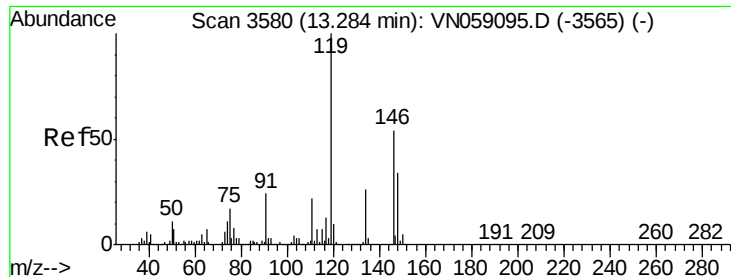


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

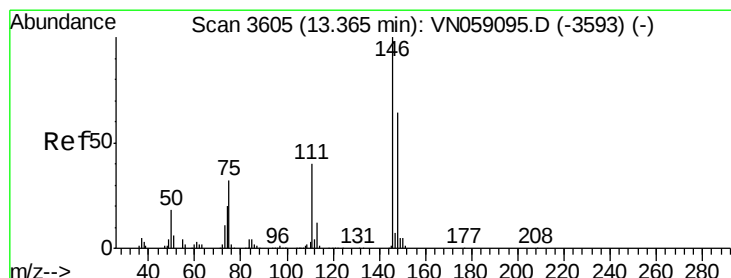
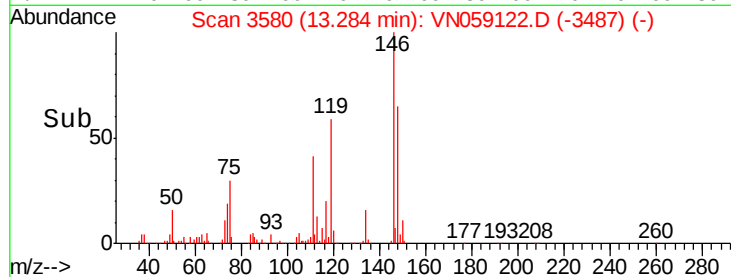
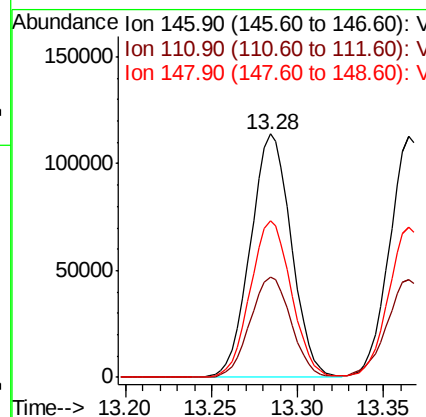
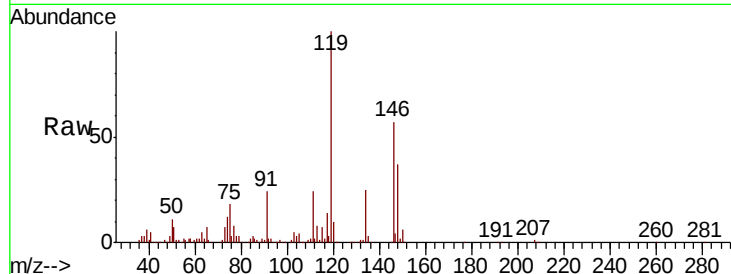




#87
 1,3-Dichlorobenzene
 Concen: 19.893 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

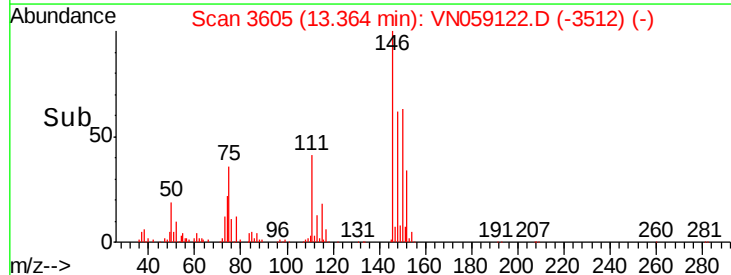
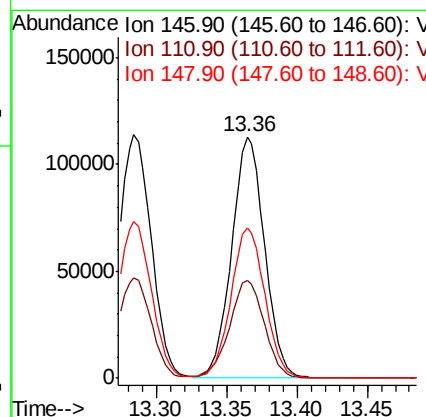
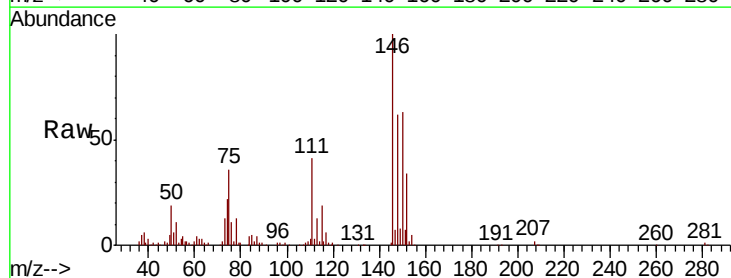
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

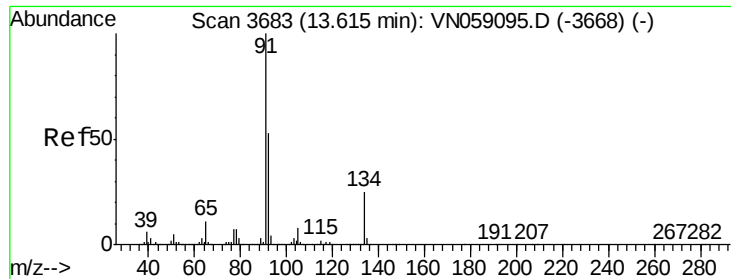
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.4	61.3
148	64.8	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.538 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.3	60.9
148	64.1	31.9	95.7

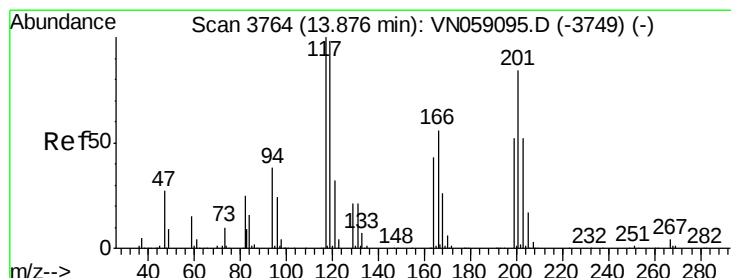
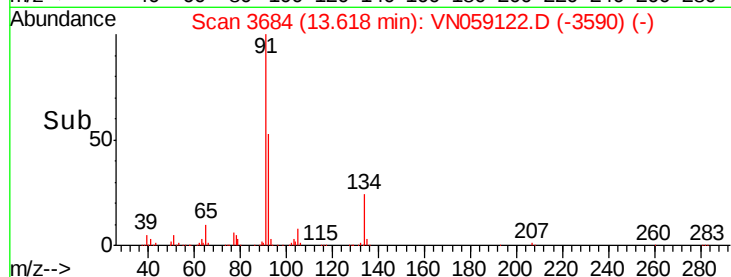
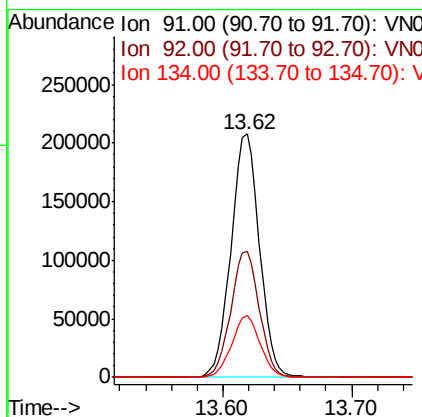
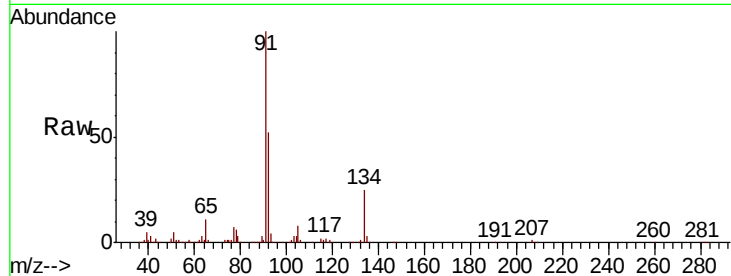




#89
n-Butylbenzene
Concen: 19.757 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

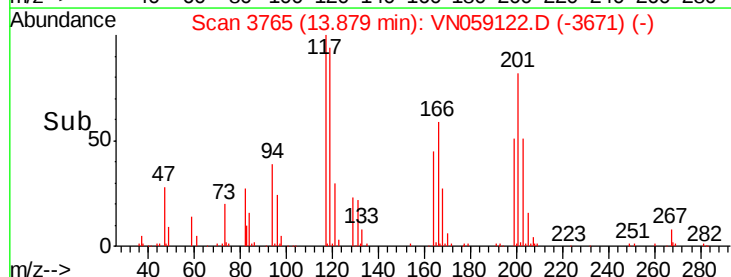
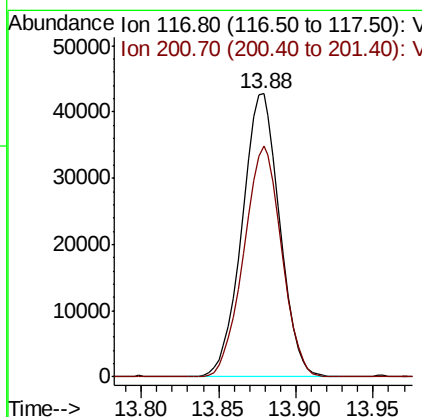
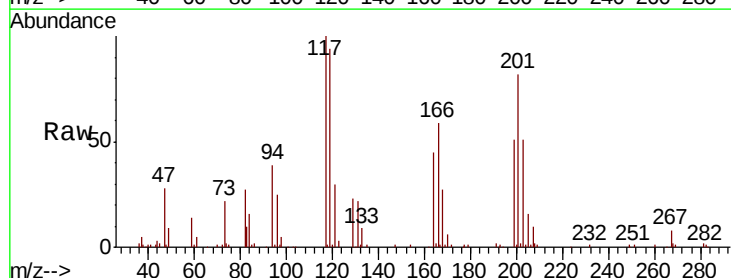
Instrument :
MSVOA_N
ClientSampled :
VN1107WBSD02

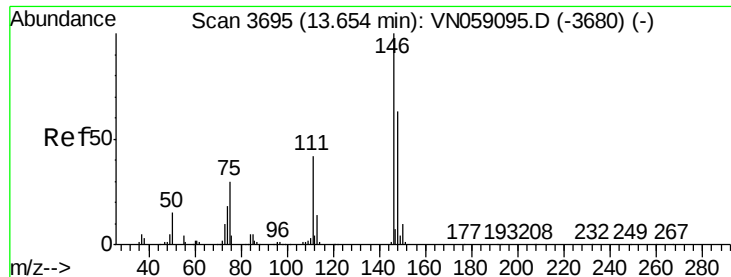
Tot Ion: 91 Resp: 318403
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.3
134 25.1 12.6 37.8



#90
Hexachloroethane
Concen: 19.594 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion: 117 Resp: 72449
Ion Ratio Lower Upper
117 100
201 81.8 41.8 125.3

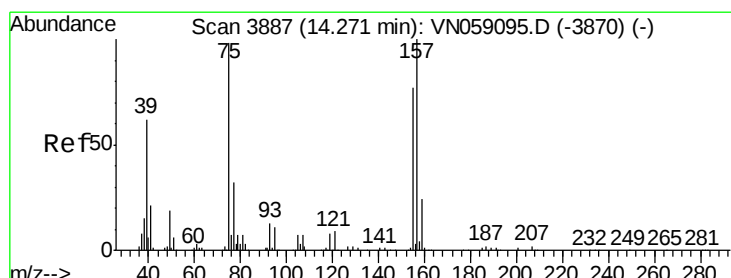
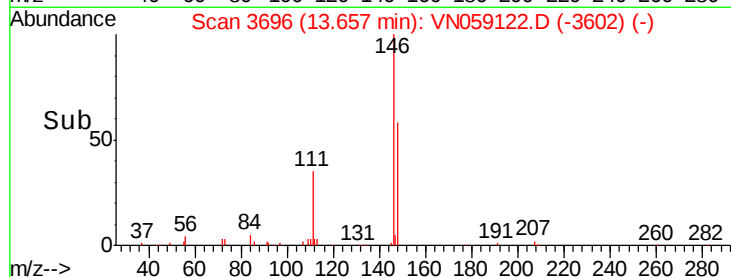
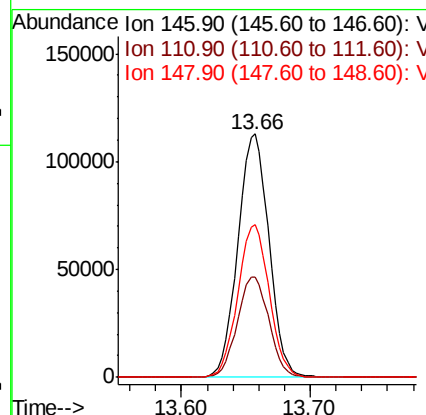
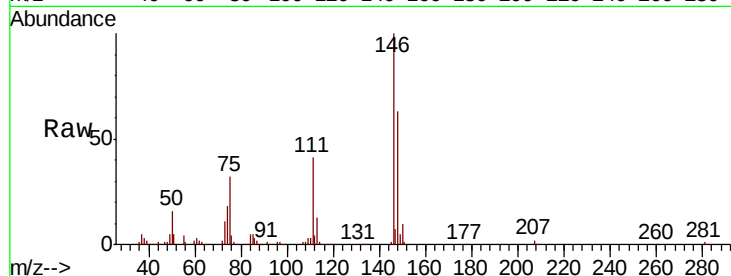




#91
 1,2-Dichlorobenzene
 Concen: 20.404 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

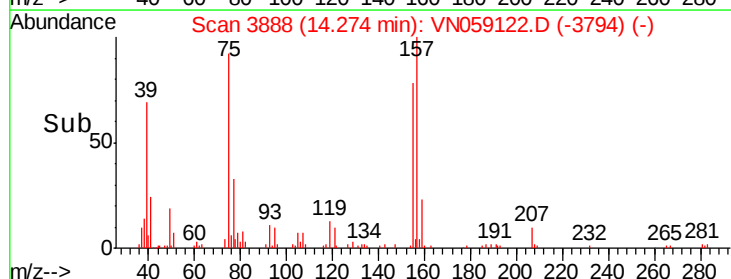
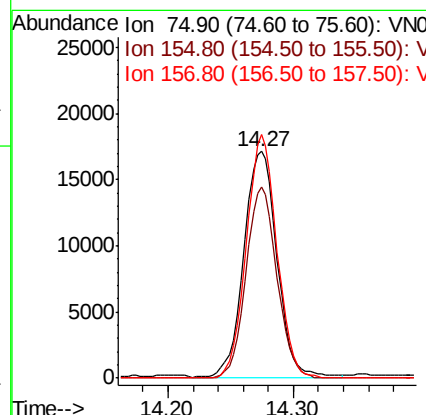
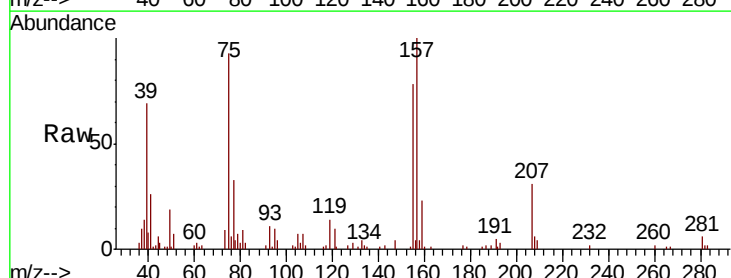
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

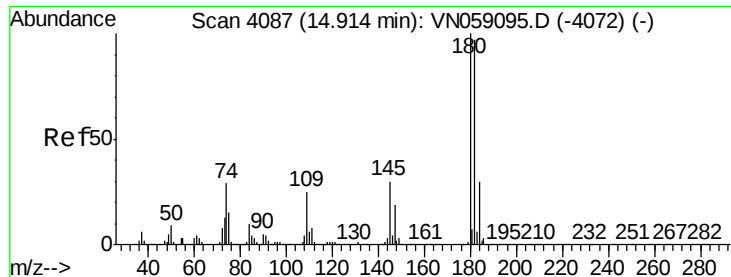
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.8	21.2	63.6
148	63.2	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.379 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.6	40.2	120.6
157	97.8	51.8	155.5

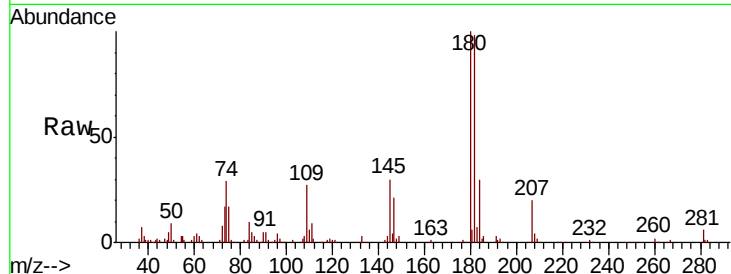




#93
 1,2,4-Trichlorobenzene
 Concen: 19.436 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1107WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.1	144.3
145	29.7	15.1	45.3

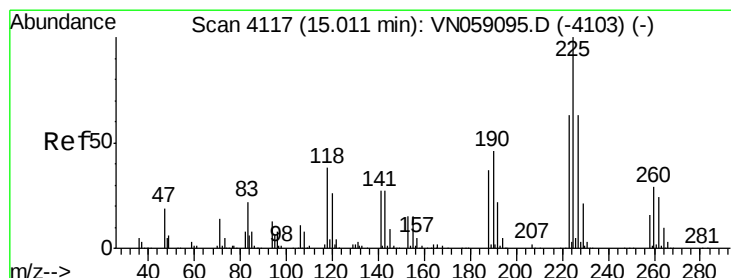
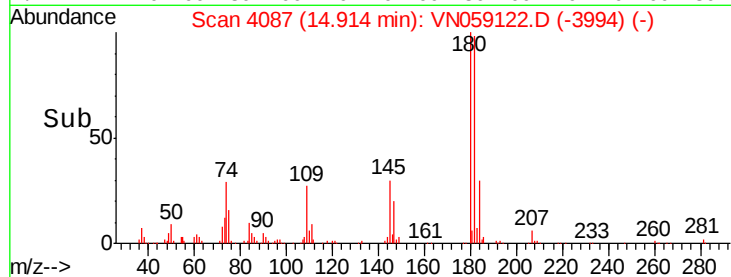
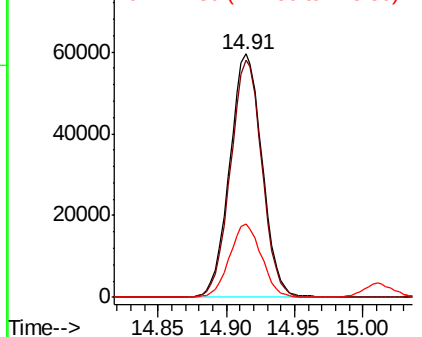


Abundance

Ion 179.80 (179.50 to 180.50): V

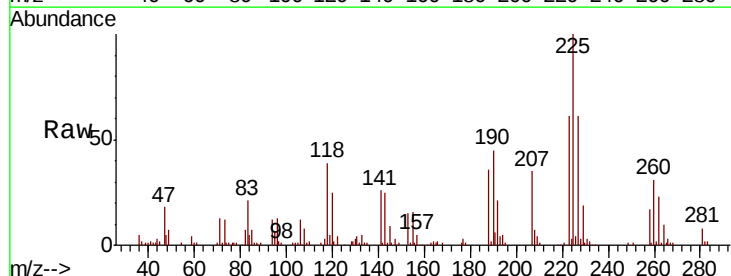
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.576 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN059122.D
 Acq: 7 Nov 2019 15:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	31.3	93.9
227	62.4	31.5	94.5

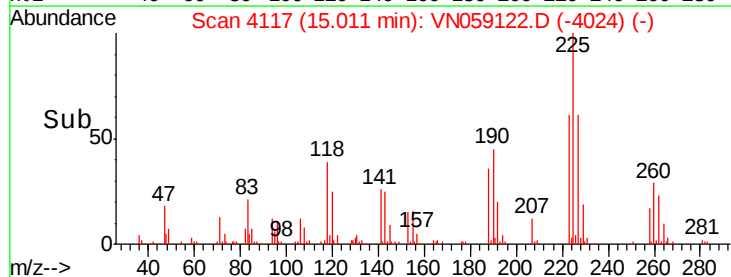
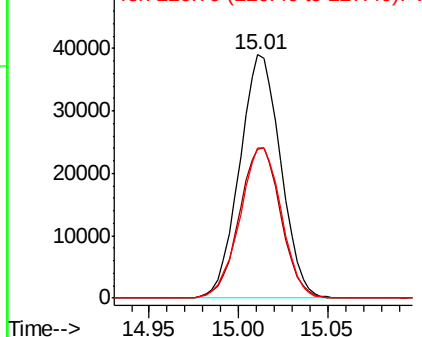


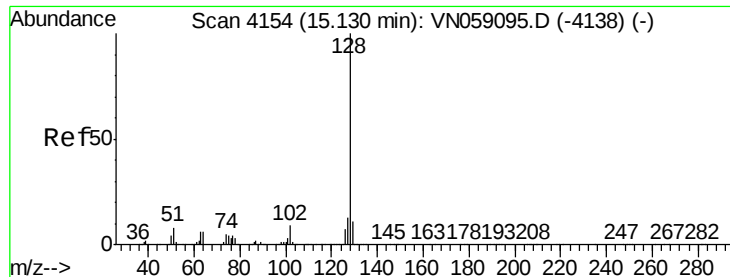
Abundance

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

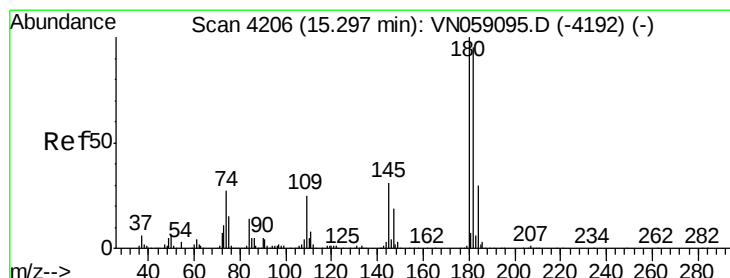
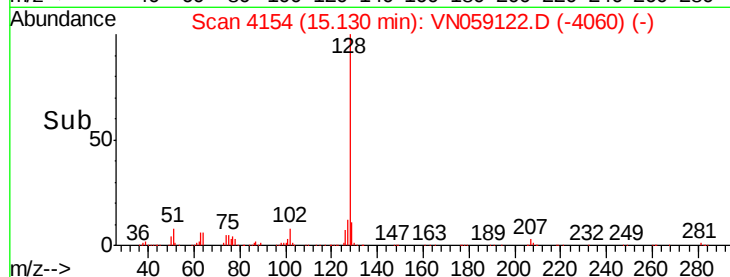
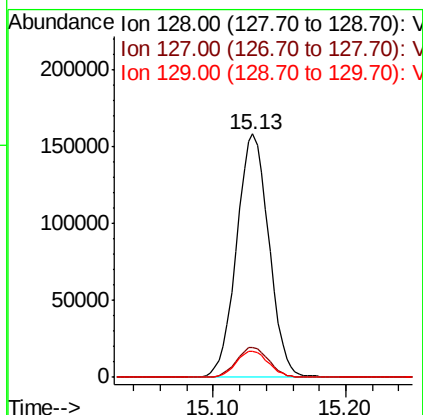
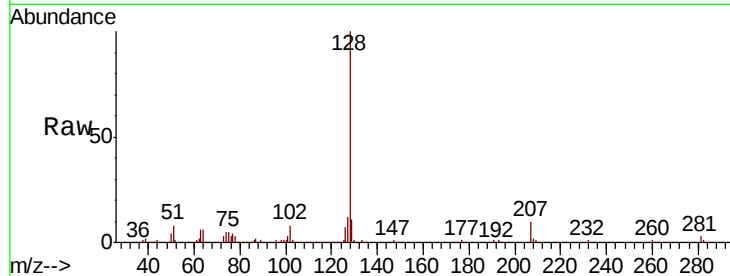




#95
Naphthalene
Concen: 19.146 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Instrument :
MSVOA_N
ClientSampleId :
VN1107WBSD02

Tot Ion:128 Resp: 267650
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.180 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. -0.00 min
Lab File: VN059122.D
Acq: 7 Nov 2019 15:10

Tgt Ion:180 Resp: 99682
Ion Ratio Lower Upper
180 100
182 95.7 47.3 141.8
145 32.2 15.8 47.3

