

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051072.D
 Acq On : 10 Sep 2018 12:29
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091018

Quant Time: Sep 11 03:16:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	717697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1018866	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	926619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	472239	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	397287	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	7.59	113	388470	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.09	98	1469208	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
62) 4-Bromofluorobenzene	12.40	95	494511	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	314749	45.48	ug/l	99
3) Chloromethane	2.06	50	431223	48.23	ug/l	100
4) Vinyl Chloride	2.18	62	435882	45.88	ug/l	98
5) Bromomethane	2.56	94	261706	48.79	ug/l	99
6) Chloroethane	2.70	64	266382	45.43	ug/l	99
7) Trichlorofluoromethane	3.01	101	588485	46.75	ug/l	100
8) Diethyl Ether	3.41	74	229751	49.62	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	386395	47.62	ug/l	99
10) Methyl Iodide	3.95	142	356519	47.32	ug/l	99
11) Tert butyl alcohol	4.79	59	132591	217.34	ug/l	99
12) 1,1-Dichloroethene	3.73	96	359622	46.97	ug/l	99
13) Acrolein	3.61	56	174959	236.42	ug/l	97
14) Allyl chloride	4.32	41	566350	48.56	ug/l	100
15) Acrylonitrile	4.99	53	641166	237.19	ug/l	99
16) Acetone	3.82	43	463911	234.55	ug/l	99
17) Carbon Disulfide	4.05	76	1088120	48.23	ug/l	99
18) Methyl Acetate	4.32	43	281215	43.97	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	1006766	49.75	ug/l	99
20) Methylene Chloride	4.55	84	409030	46.36	ug/l	99
21) trans-1,2-Dichloroethene	5.04	96	390491	47.03	ug/l	100
22) Diisopropyl ether	5.95	45	1173263	50.68	ug/l	98
23) Vinyl Acetate	5.89	43	3985492	254.37	ug/l	100
24) 1,1-Dichloroethane	5.85	63	707045	48.13	ug/l	99
25) 2-Butanone	6.83	43	706371	224.95	ug/l	100
26) 2,2-Dichloropropane	6.82	77	565631	47.05	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	440150	48.32	ug/l	100
28) Bromochloromethane	7.19	49	319938	48.93	ug/l	99
29) Tetrahydrofuran	7.21	42	466088	237.68	ug/l	99
30) Chloroform	7.37	83	701980	48.04	ug/l	100
31) Cyclohexane	7.65	56	643903	49.16	ug/l	100
32) 1,1,1-Trichloroethane	7.57	97	598868	48.10	ug/l	100
36) 1,1-Dichloropropene	7.79	75	548127	49.00	ug/l	100
37) Ethyl Acetate	6.93	43	321123	49.57	ug/l	99
38) Carbon Tetrachloride	7.77	117	536064	48.69	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	631460	51.16	ug/l	99
40) Benzene	8.04	78	1649393	48.93	ug/l	100
41) Methacrylonitrile	7.17	41	148045	44.29	ug/l	94
42) 1,2-Dichloroethane	8.12	62	482672	49.13	ug/l	100
43) Isopropyl Acetate	8.16	43	558142	48.83	ug/l	99
44) Trichloroethene	8.83	130	446322	48.41	ug/l	100
45) 1,2-Dichloropropane	9.12	63	431592	49.55	ug/l	99
46) Dibromomethane	9.21	93	254369	47.87	ug/l	100
47) Bromodichloromethane	9.40	83	540077	49.98	ug/l	99
48) Methyl methacrylate	9.20	41	278725	50.03	ug/l	100
49) 1,4-Dioxane	9.20	88	83023	950.39	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	1544725	244.36	ug/l	100
52) Toluene	10.15	92	1032861	50.25	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	554598	51.28	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	651747	51.40	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	368390	49.34	ug/l	99
56) Ethyl methacrylate	10.43	69	473299	47.37	ug/l	99
57) 1,3-Dichloropropane	10.71	76	612694	49.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	974860	232.58	ug/l	99
59) 2-Hexanone	10.75	43	1030060	240.27	ug/l	99
60) Dibromochloromethane	10.90	129	423475	50.32	ug/l	99
61) 1,2-Dibromoethane	11.00	107	365781	50.12	ug/l	99
64) Tetrachloroethene	10.63	164	403564	47.73	ug/l	99
65) Chlorobenzene	11.43	112	1137581	48.70	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	416295	49.50	ug/l	99
67) Ethyl Benzene	11.51	91	1932773	51.10	ug/l	99
68) m/p-Xylenes	11.62	106	1520462	104.62	ug/l	99
69) o-Xylene	11.95	106	727771	51.71	ug/l	100
70) Styrene	11.96	104	1174716	53.81	ug/l	100
71) Bromoform	12.13	173	296801	50.13	ug/l	# 100
73) Isopropylbenzene	12.25	105	1913524	48.32	ug/l	100
74) N-amyl acetate	12.07	43	471857	47.34	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	449929	49.50	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	537371	74.11	ug/l	# 100
77) Bromobenzene	12.53	156	494922	46.53	ug/l	98
78) n-propylbenzene	12.59	91	2149624	49.38	ug/l	100
79) 2-Chlorotoluene	12.67	91	1279822	47.04	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1566722	48.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	120070	48.29	ug/l	98
82) 4-Chlorotoluene	12.77	91	1278946	47.35	ug/l	99
83) tert-Butylbenzene	12.99	119	1359654	48.10	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1595257	50.67	ug/l	100
85) sec-Butylbenzene	13.17	105	1792923	49.46	ug/l	100
86) p-Isopropyltoluene	13.29	119	1601009	52.09	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	849084	47.05	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	821167	49.56	ug/l	99
89) n-Butylbenzene	13.61	91	1255164	52.47	ug/l	100
90) Hexachloroethane	13.87	117	282188	50.43	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	808443	45.97	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	61859	45.79	ug/l	99

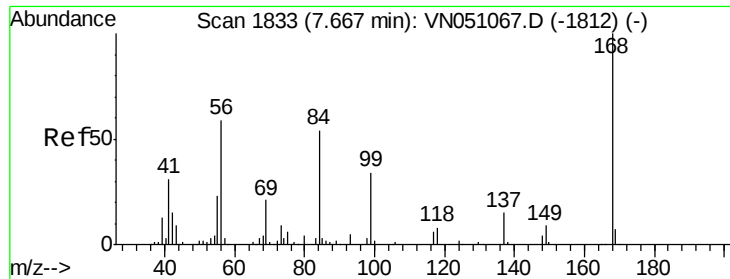
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	390632	46.29	ug/l	98
94) Hexachlorobutadiene	15.01	225	268158	52.41	ug/l	100
95) Naphthalene	15.13	128	762345	43.69	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	380656	47.07	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

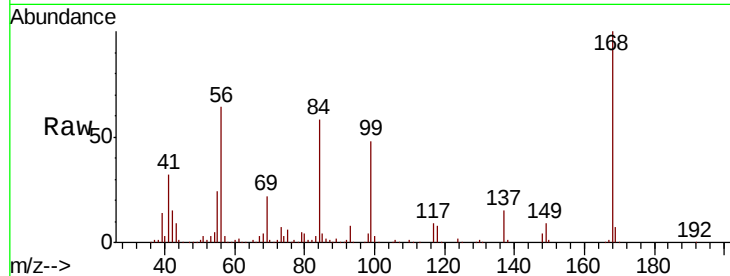
ICVVN091018

Tot Ion:168 Resp: 717697

Ion Ratio Lower Upper

168 100

99 48.1 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

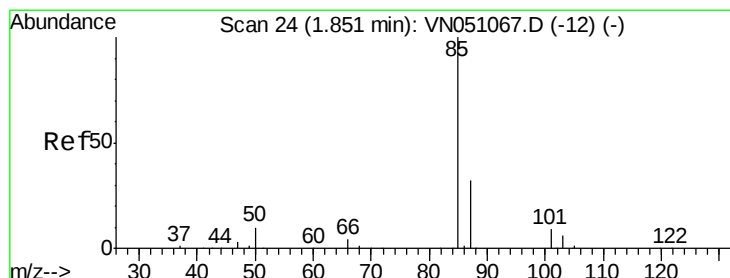
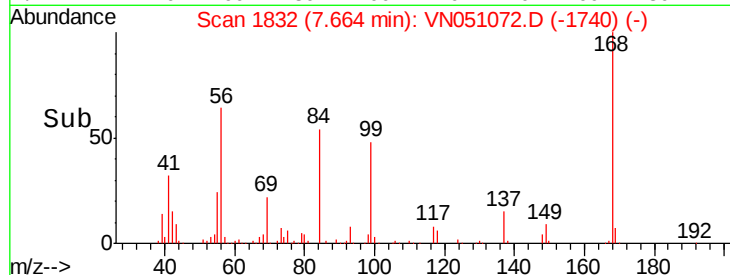
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 45.48 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN051072.D

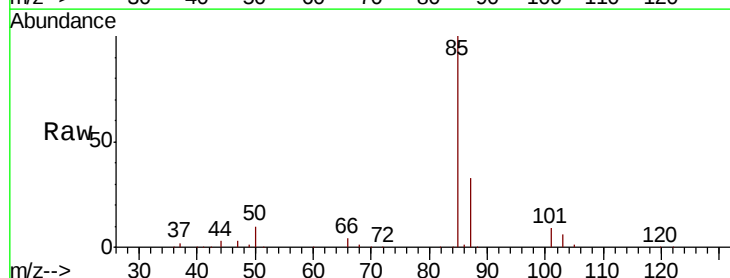
Acq: 10 Sep 2018 12:29

Tgt Ion: 85 Resp: 314749

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

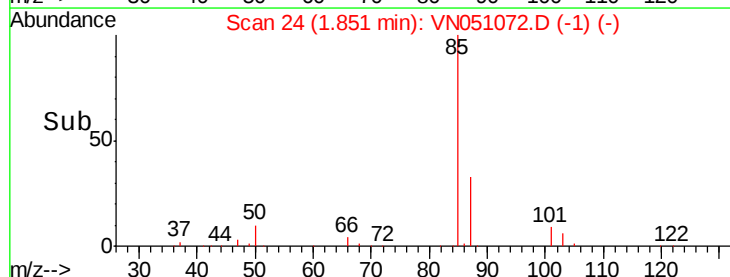
150000

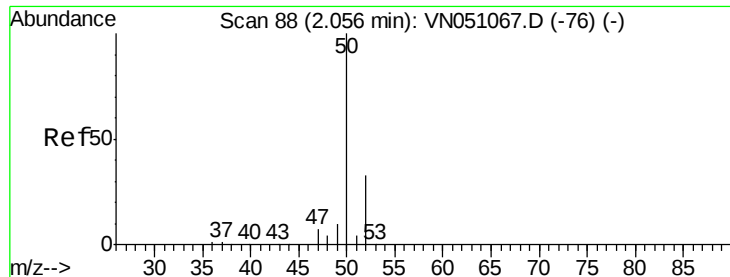
100000

50000

0

Time-->

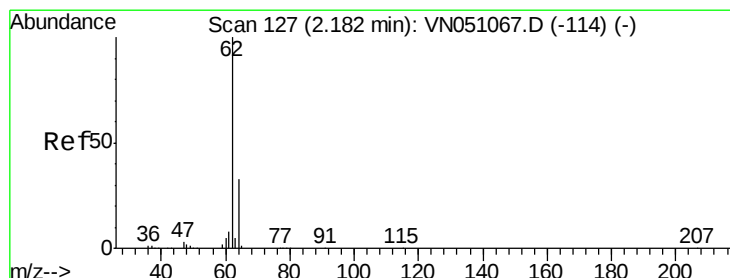
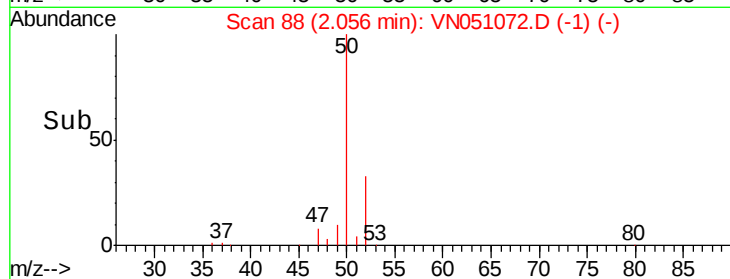
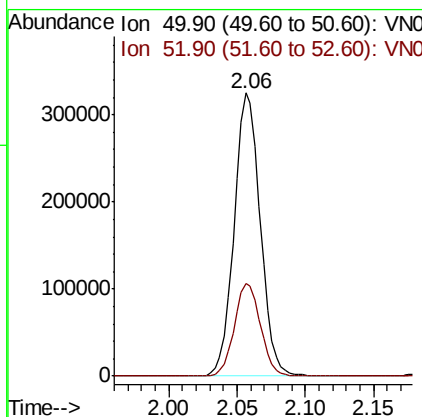
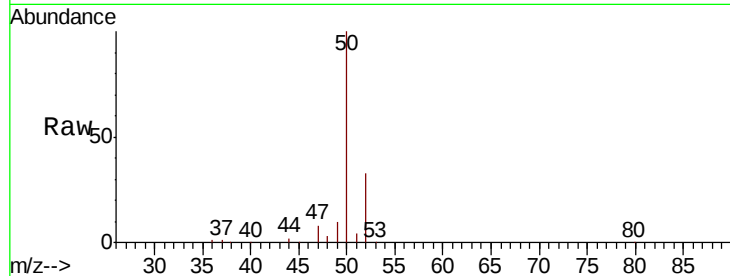




#3
Chloromethane
Concen: 48.23 ug/l
RT: 2.06 min Scan# 88
Delta R.T. 0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

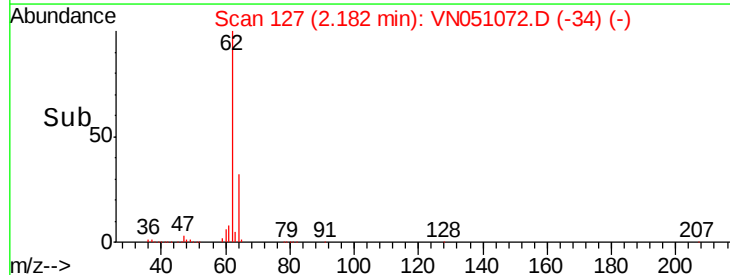
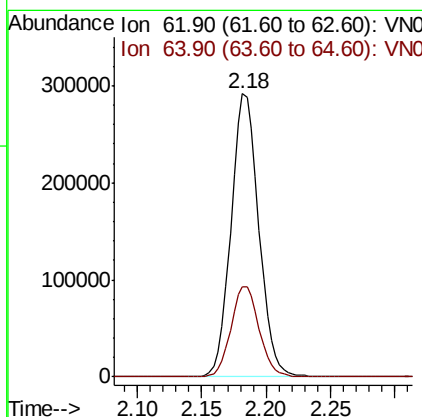
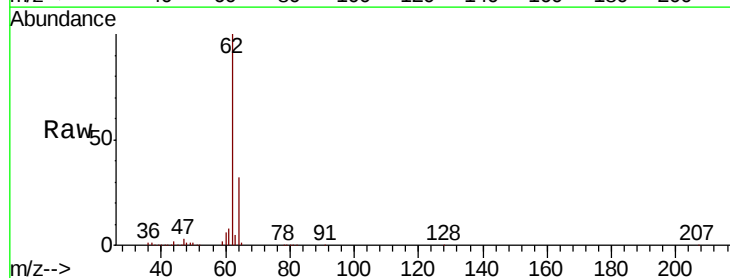
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091018

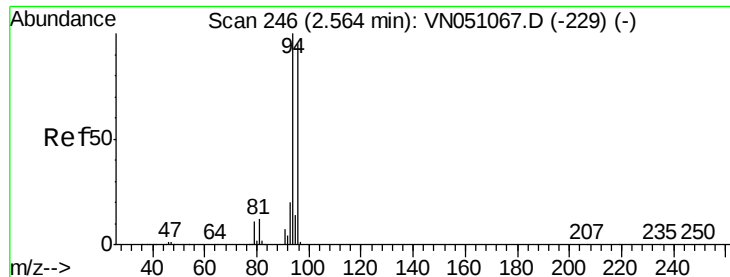
Tot Ion: 50 Resp: 431223
Ion Ratio Lower Upper
50 100
52 32.7 26.0 39.0



#4
Vinyl Chloride
Concen: 45.88 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion: 62 Resp: 435882
Ion Ratio Lower Upper
62 100
64 32.0 26.2 39.4





#5

Bromomethane

Concen: 48.79 ug/l

RT: 2.56 min Scan# 246

Delta R.T. 0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

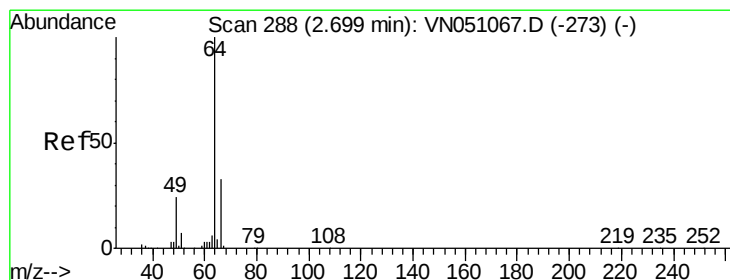
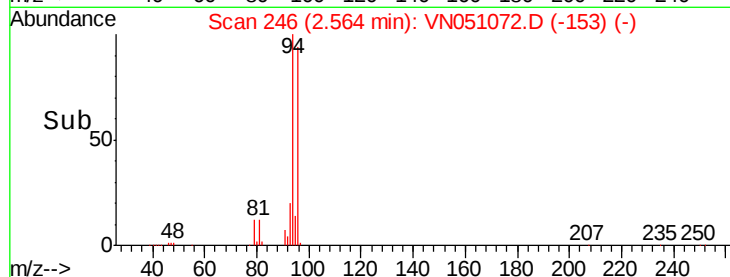
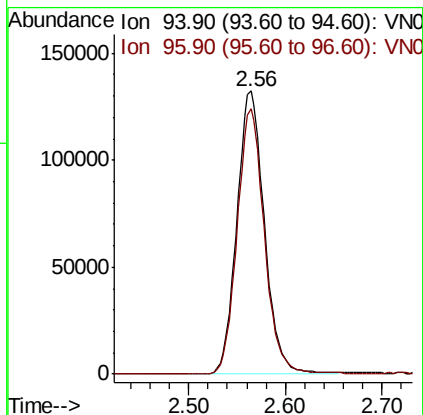
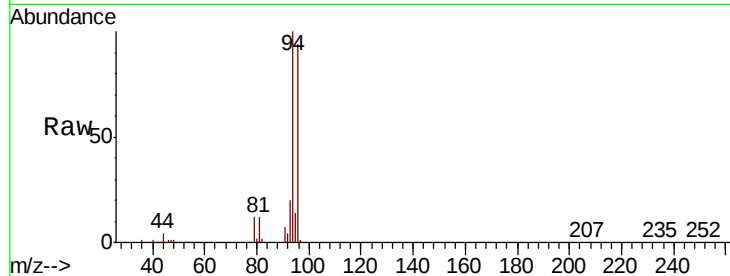
ICVVN091018

Tot Ion: 94 Resp: 261706

Ion Ratio Lower Upper

94 100

96 94.0 75.9 113.9



#6

Chloroethane

Concen: 45.43 ug/l

RT: 2.70 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN051072.D

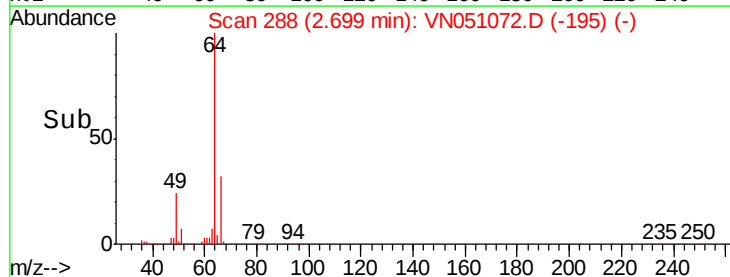
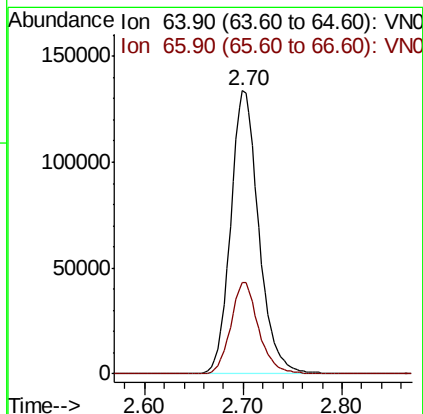
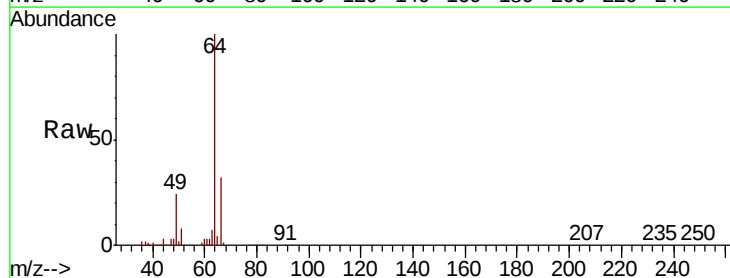
Acq: 10 Sep 2018 12:29

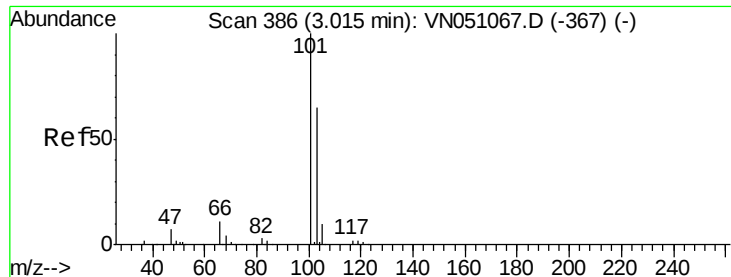
Tgt Ion: 64 Resp: 266382

Ion Ratio Lower Upper

64 100

66 32.3 26.1 39.1





#7

Trichlorofluoromethane

Concen: 46.75 ug/l

RT: 3.01 min Scan# 386

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

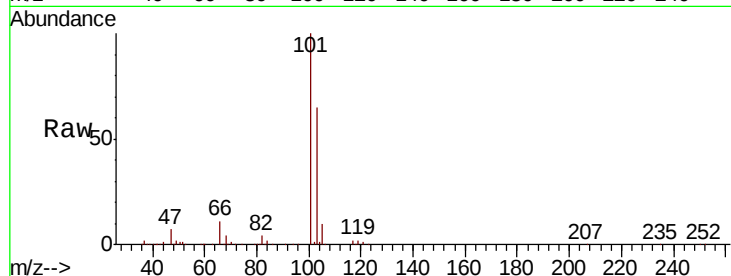
ICVVN091018

Tot Ion:101 Resp: 588485

Ion Ratio Lower Upper

101 100

103 65.3 52.4 78.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.01

250000

200000

150000

100000

50000

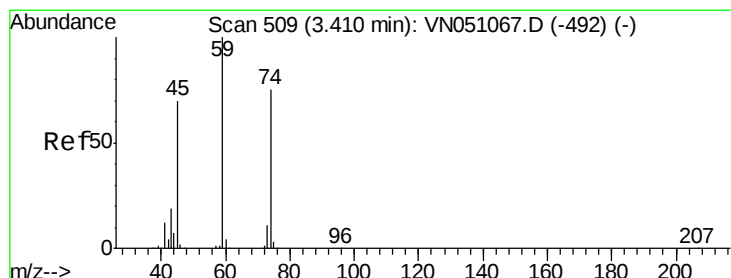
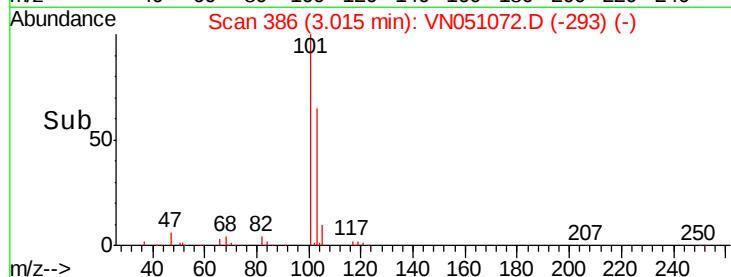
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Time-->

2.90

3.00

3.10



#8

Diethyl Ether

Concen: 49.62 ug/l

RT: 3.41 min Scan# 509

Delta R.T. -0.00 min

Lab File: VN051072.D

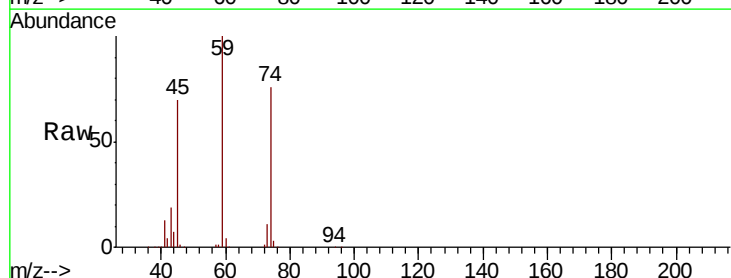
Acq: 10 Sep 2018 12:29

Tgt Ion: 74 Resp: 229751

Ion Ratio Lower Upper

74 100

45 91.8 46.7 140.0



Abundance Ion 74.00 (73.70 to 74.70): V

Ion 45.00 (44.70 to 45.70): V

120000

100000

80000

60000

40000

20000

0

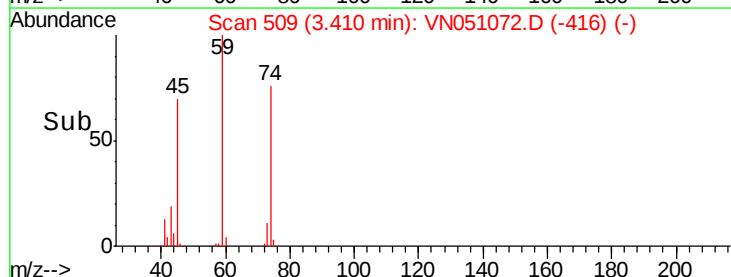
Time-->

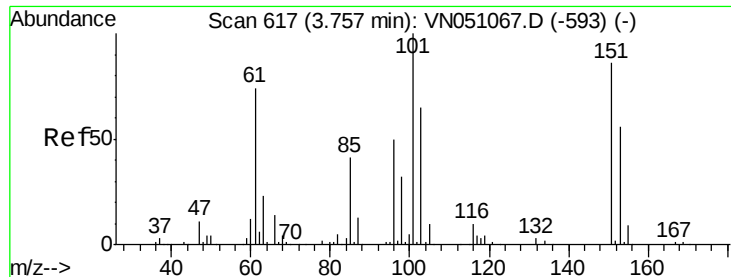
3.30

3.40

3.50

3.60





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.62 ug/l

RT: 3.76 min Scan# 617

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091018

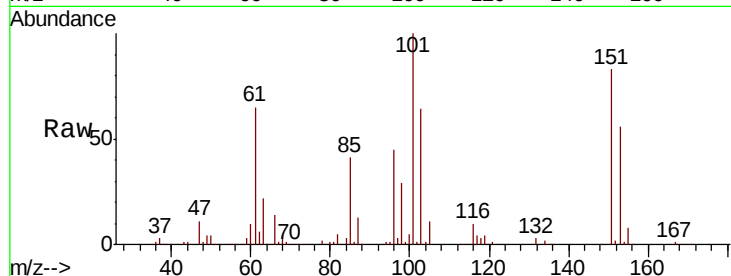
Tot Ion:101 Resp: 386395

Ion Ratio Lower Upper

101 100

85 41.1 33.3 49.9

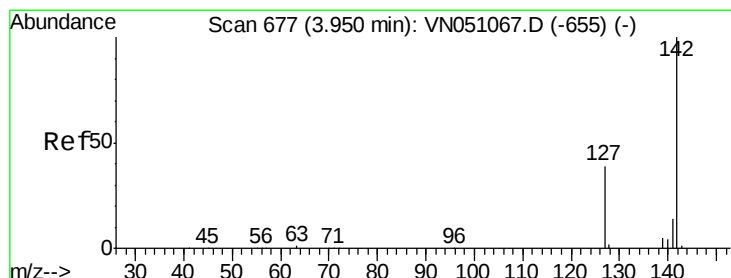
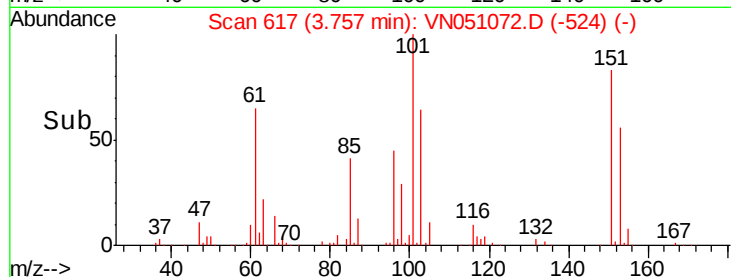
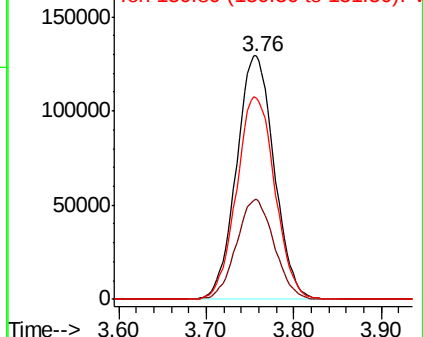
151 84.5 68.2 102.2



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: 47.32 ug/l

RT: 3.95 min Scan# 677

Delta R.T. 0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

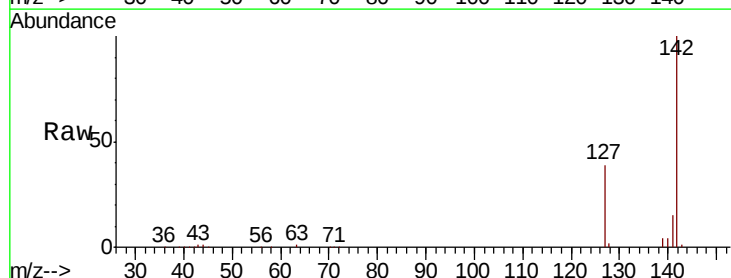
Tgt Ion:142 Resp: 356519

Ion Ratio Lower Upper

142 100

127 39.1 31.0 46.4

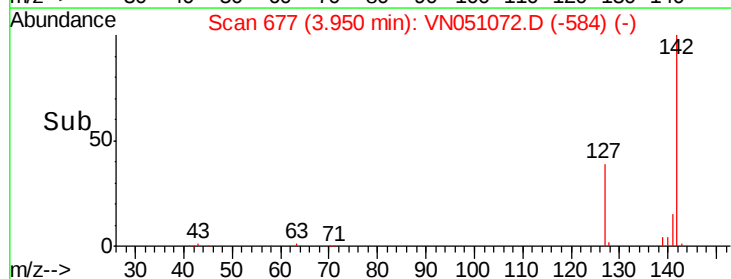
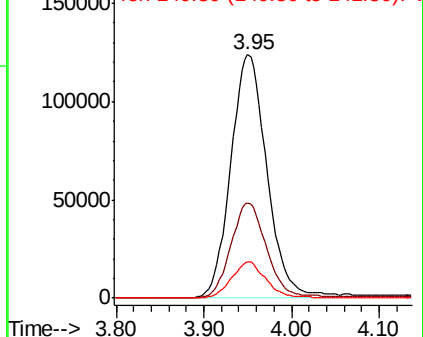
141 14.3 11.3 16.9

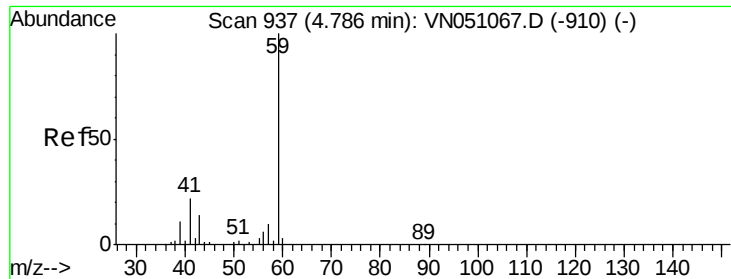


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

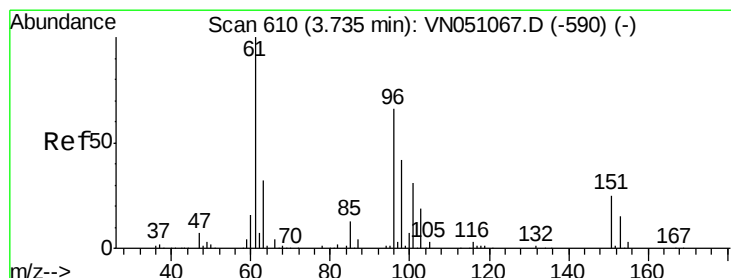
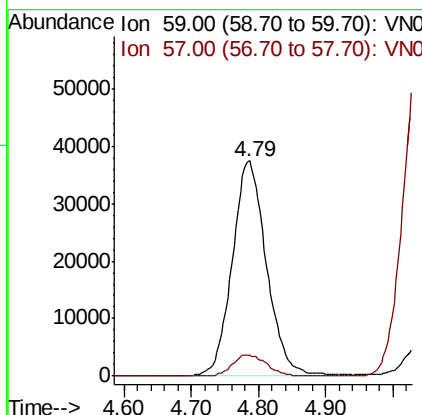
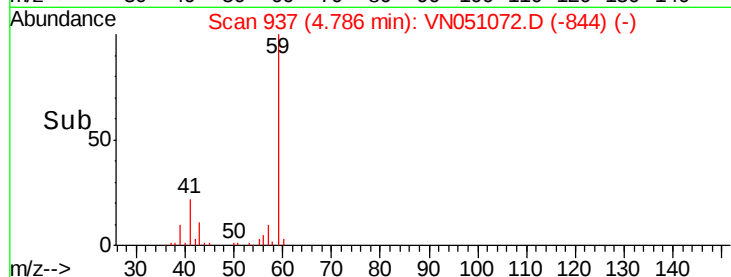
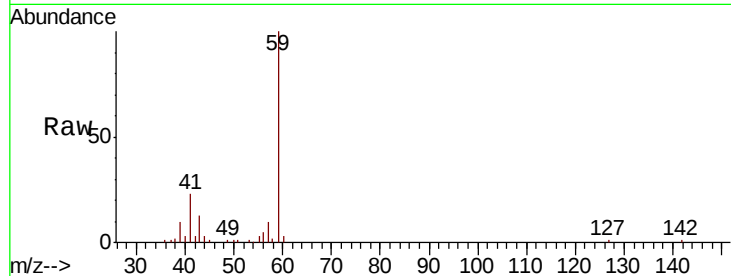




#11
Tert butyl alcohol
Concen: 217.34 ug/l
RT: 4.79 min Scan# 937
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

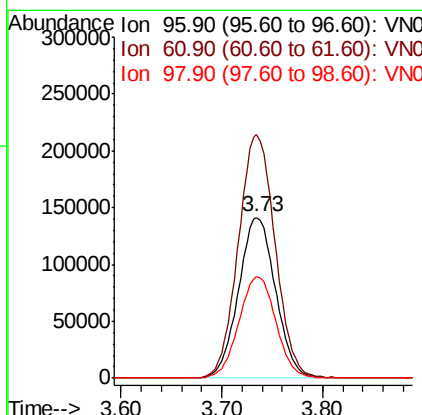
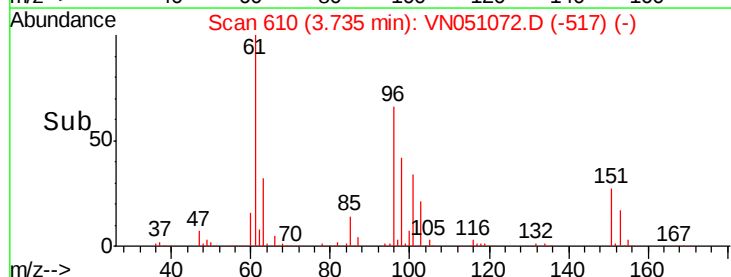
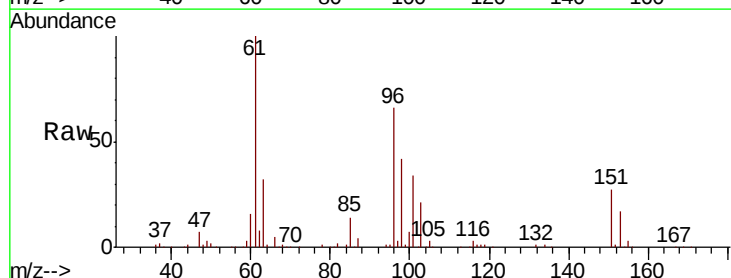
Instrument :
MSVOA_N
ClientSampled :
ICVVN091018

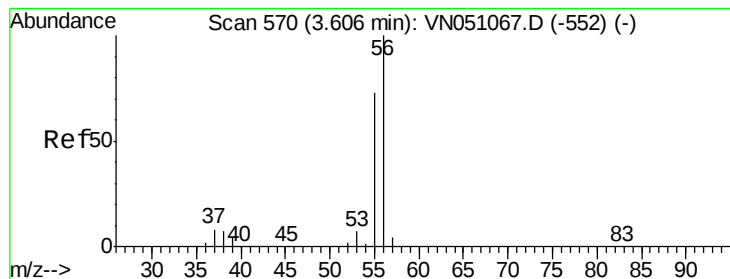
Tot Ion: 59 Resp: 132591
Ion Ratio Lower Upper
59 100
57 9.8 8.1 12.1



#12
1,1-Dichloroethene
Concen: 46.97 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion: 96 Resp: 359622
Ion Ratio Lower Upper
96 100
61 151.5 120.3 180.5
98 62.9 50.8 76.2





#13

Acrolein

Concen: 236.42 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

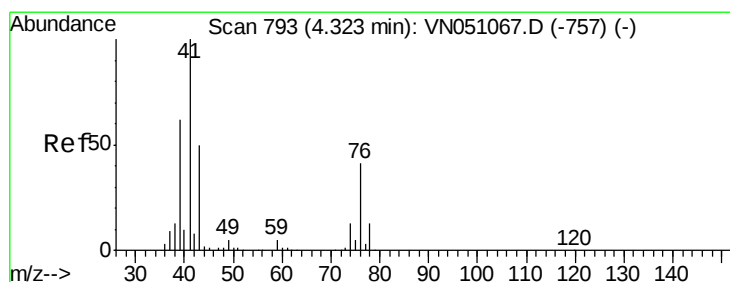
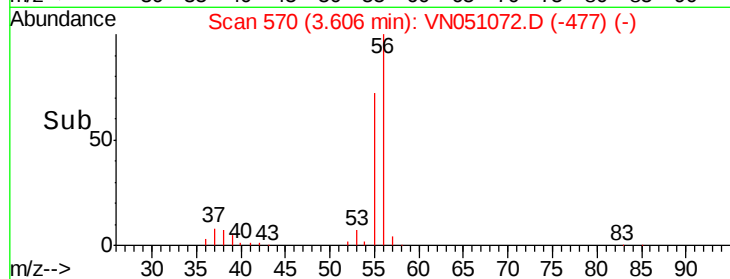
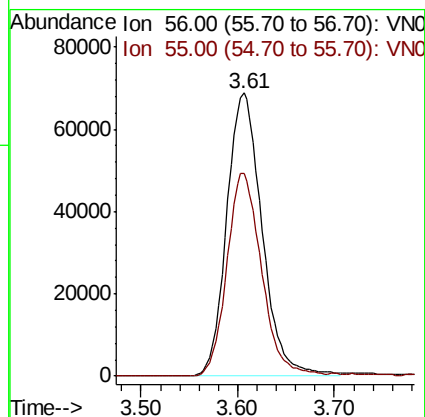
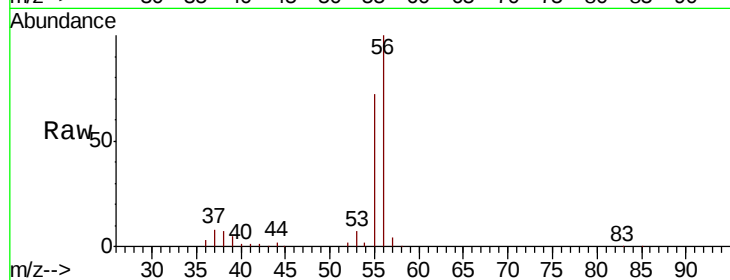
ICV091018

Tot Ion: 56 Resp: 174959

Ion Ratio Lower Upper

56 100

55 70.3 58.0 87.0



#14

Allyl chloride

Concen: 48.56 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

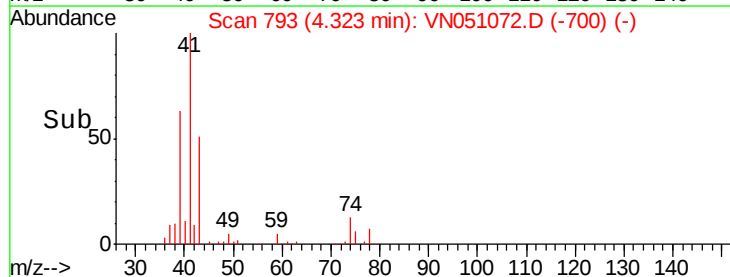
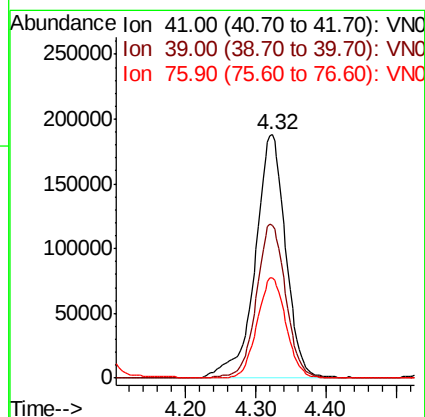
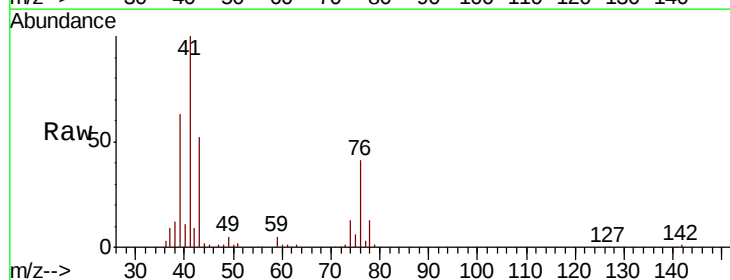
Tgt Ion: 41 Resp: 566350

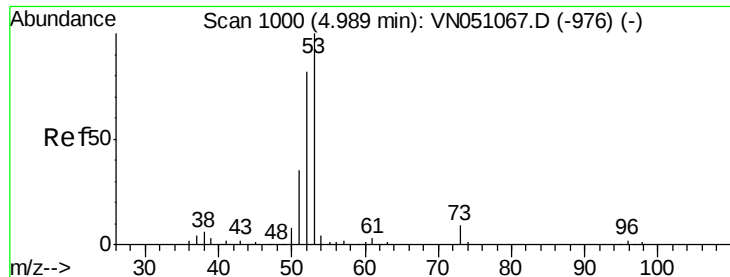
Ion Ratio Lower Upper

41 100

39 61.0 48.8 73.2

76 38.3 30.6 45.8





#15

Acrylonitrile

Concen: 237.19 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091018

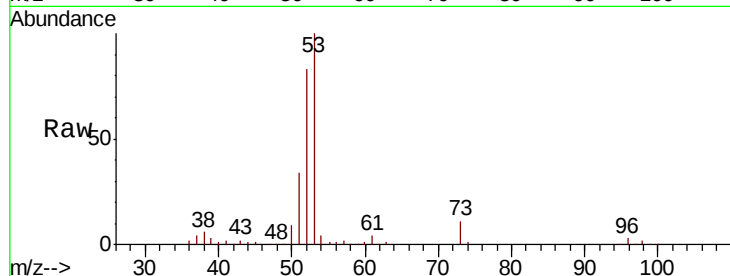
Tot Ion: 53 Resp: 641166

Ion Ratio Lower Upper

53 100

52 82.5 65.3 97.9

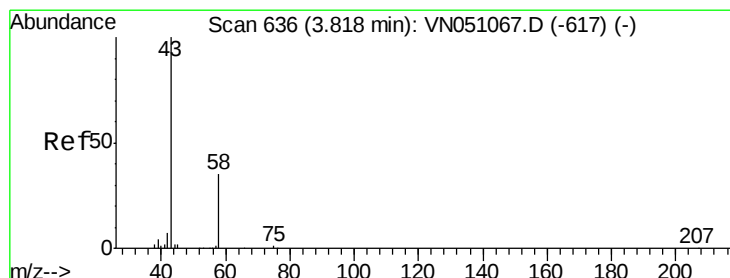
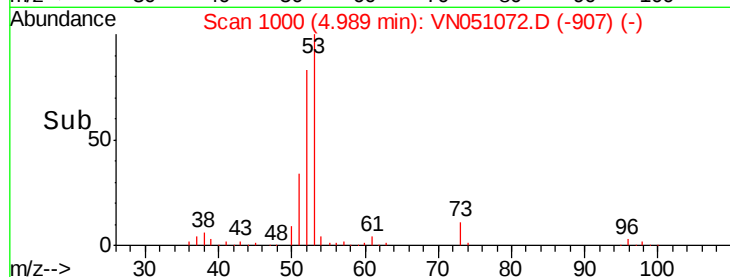
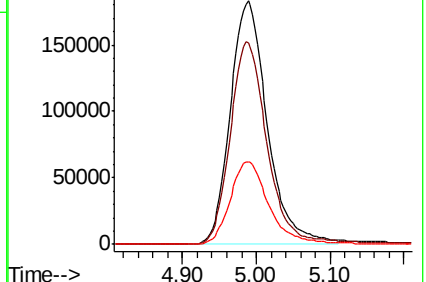
51 35.5 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 234.55 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN051072.D

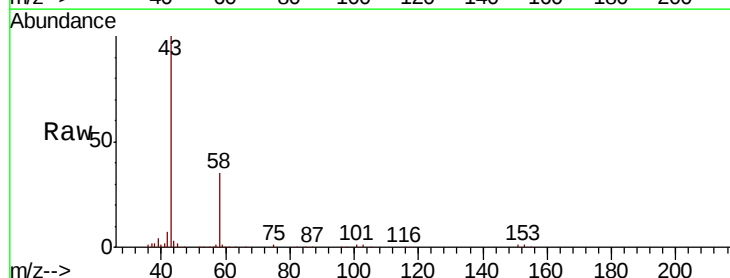
Acq: 10 Sep 2018 12:29

Tgt Ion: 43 Resp: 463911

Ion Ratio Lower Upper

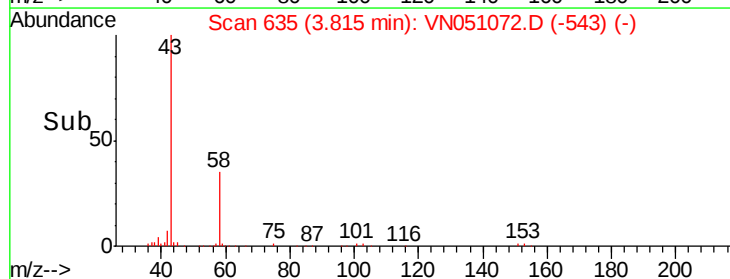
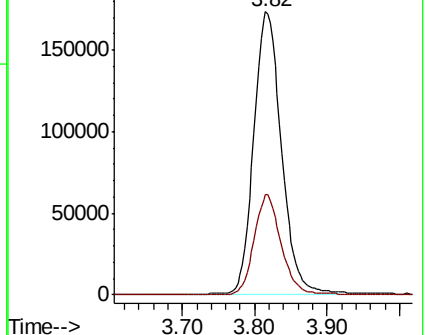
43 100

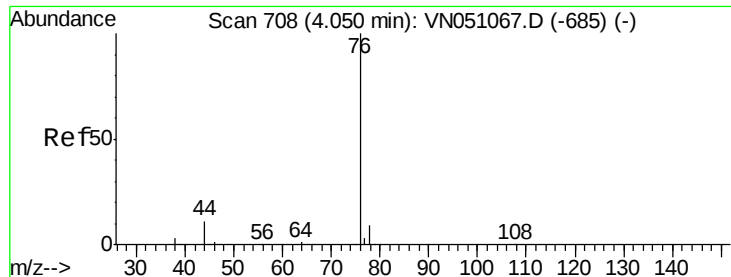
58 35.4 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

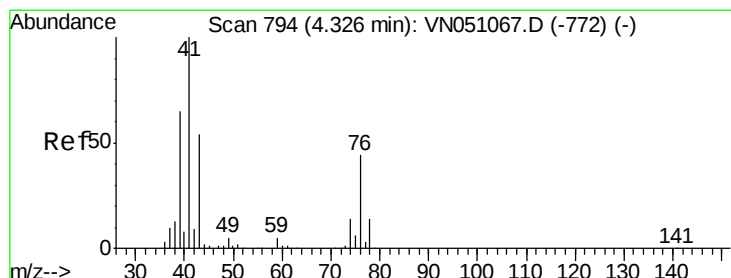
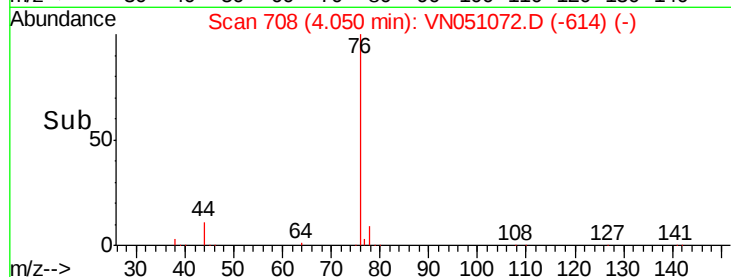
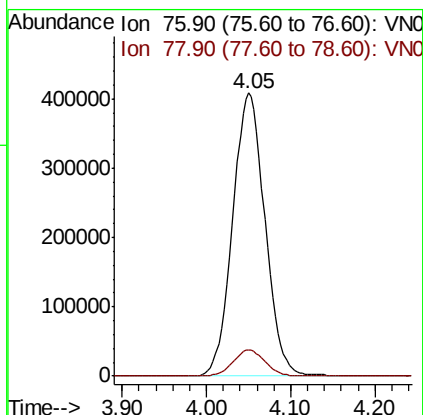
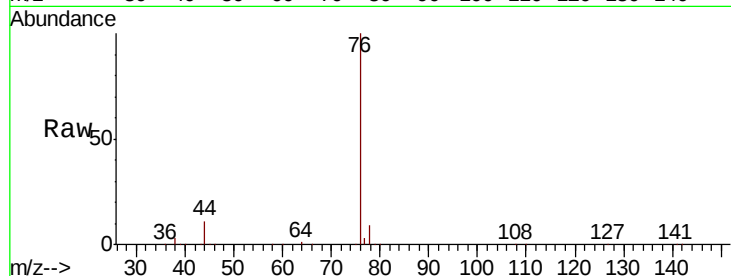




#17
Carbon Disulfide
Concen: 48.23 ug/l
RT: 4.05 min Scan# 708
Delta R.T. 0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

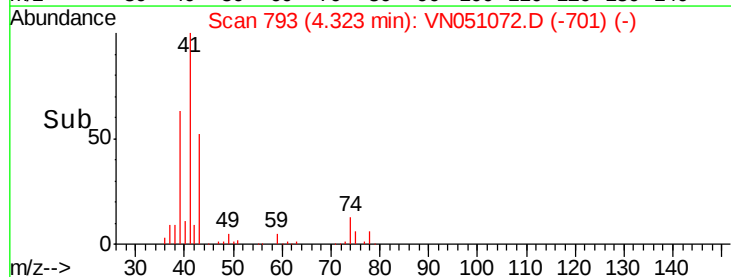
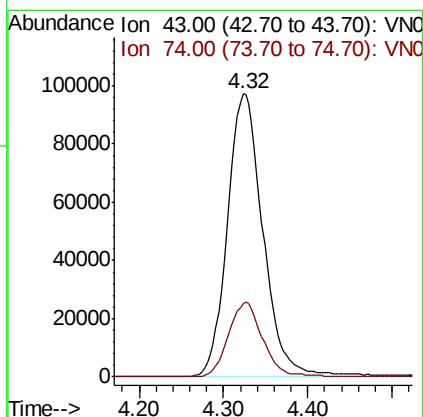
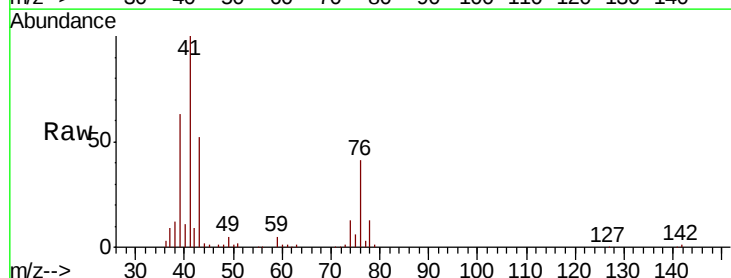
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091018

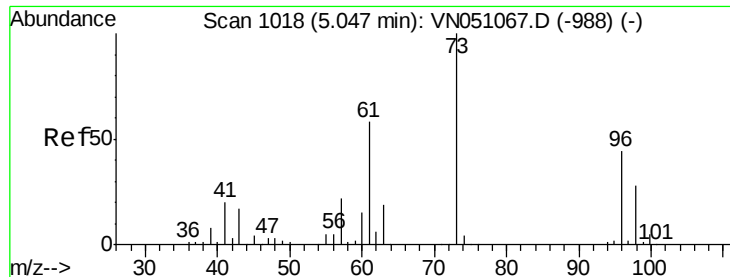
Tot Ion: 76 Resp: 1088120
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 43.97 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion: 43 Resp: 281215
Ion Ratio Lower Upper
43 100
74 26.1 20.7 31.1

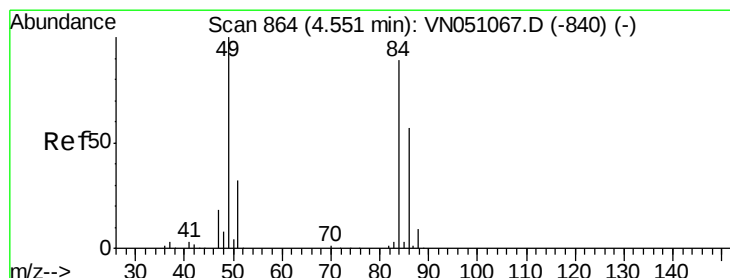
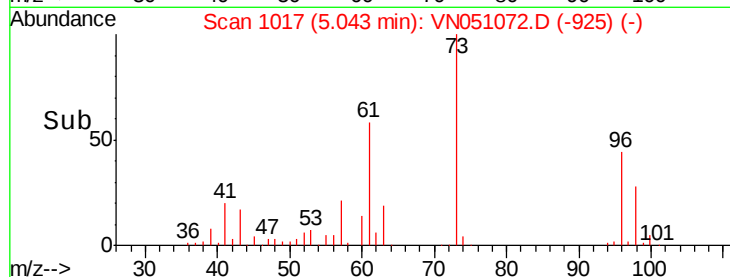
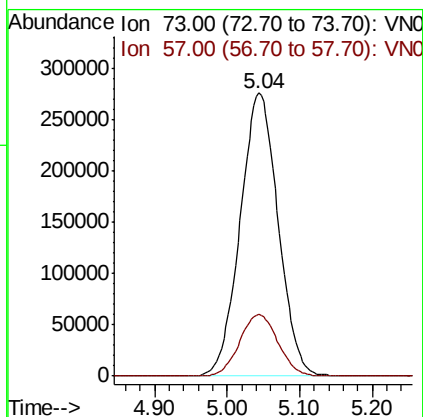
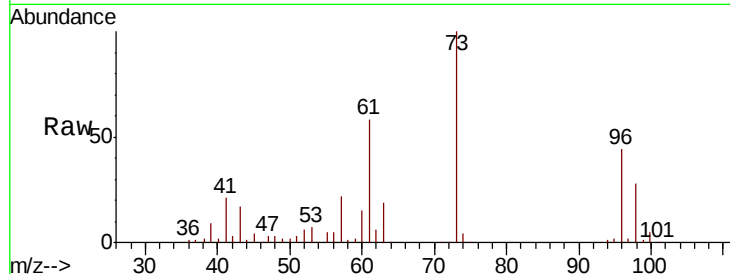




#19
Methyl tert-butyl Ether
Concen: 49.75 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

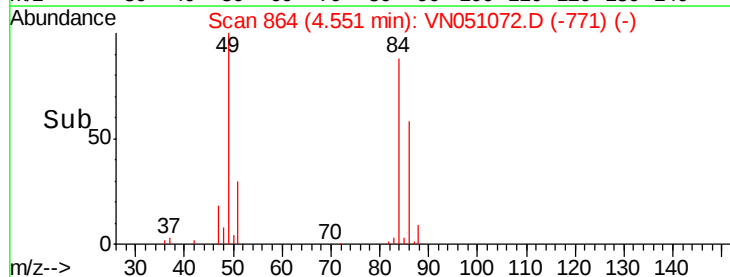
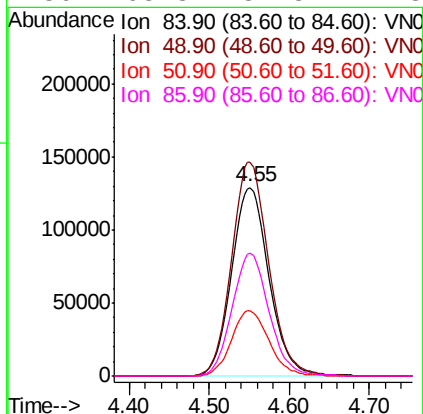
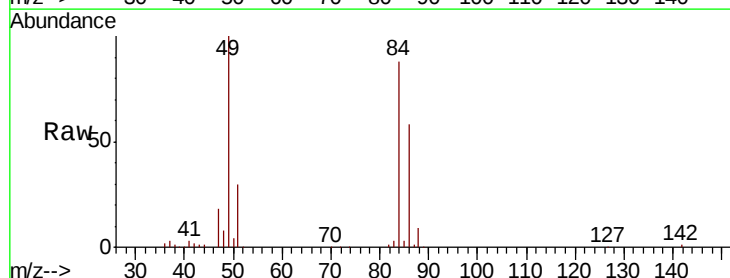
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091018

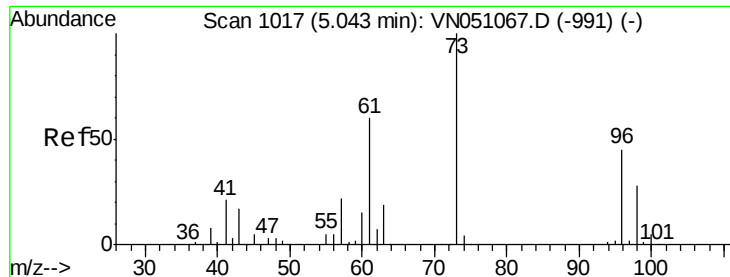
Tot Ion: 73 Resp: 1006766
Ion Ratio Lower Upper
73 100
57 21.8 17.9 26.9



#20
Methylene Chloride
Concen: 46.36 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion: 84 Resp: 409030
Ion Ratio Lower Upper
84 100
49 113.4 90.2 135.2
51 34.4 28.4 42.6
86 65.3 51.8 77.8





#21

trans-1,2-Dichloroethene

Concen: 47.03 ug/l

RT: 5.04 min Scan# 1016

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVFN091018

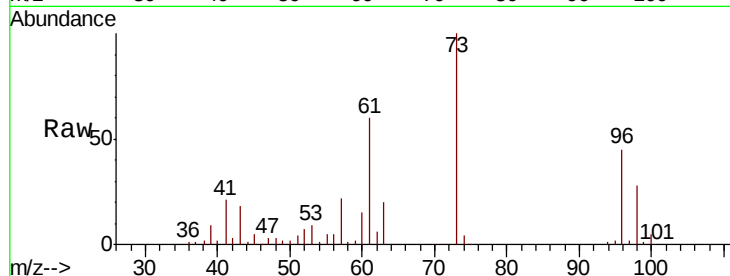
Tot Ion: 96 Resp: 390491

Ion Ratio Lower Upper

96 100

61 133.2 106.5 159.7

98 63.4 50.4 75.6

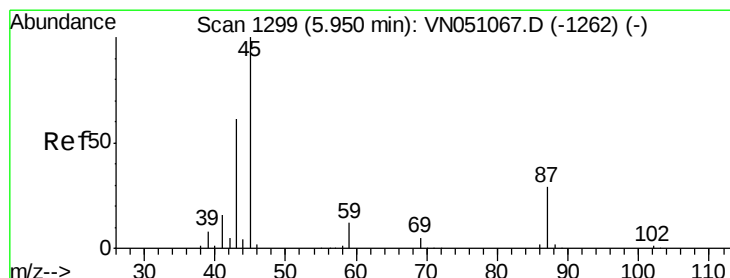
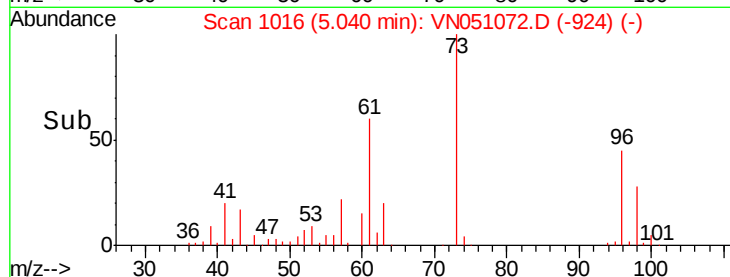
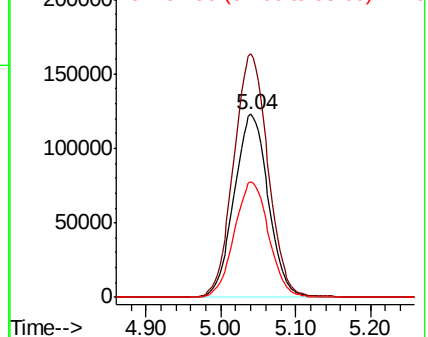


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 50.68 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Tgt Ion: 45 Resp: 1173263

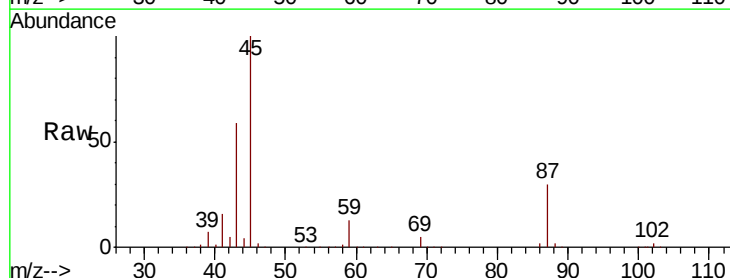
Ion Ratio Lower Upper

45 100

43 58.1 48.8 73.2

87 29.7 23.8 35.8

59 12.5 9.6 14.4



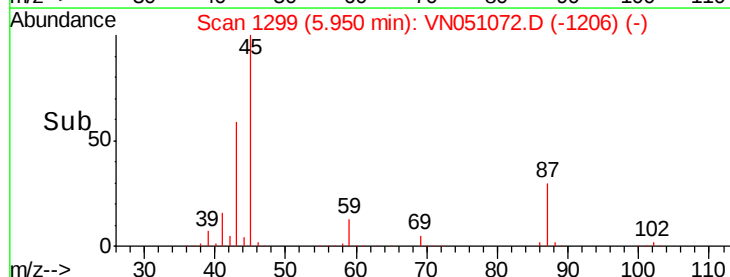
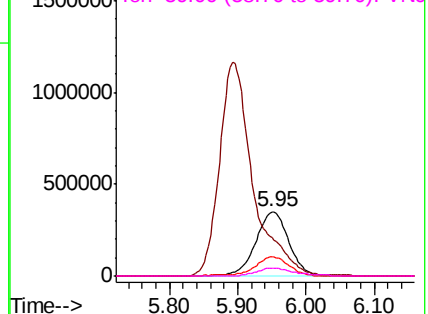
Abundance

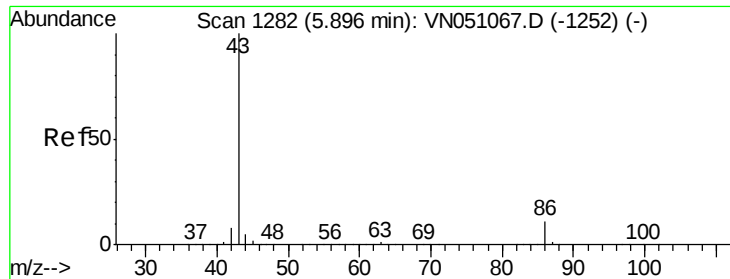
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 254.37 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

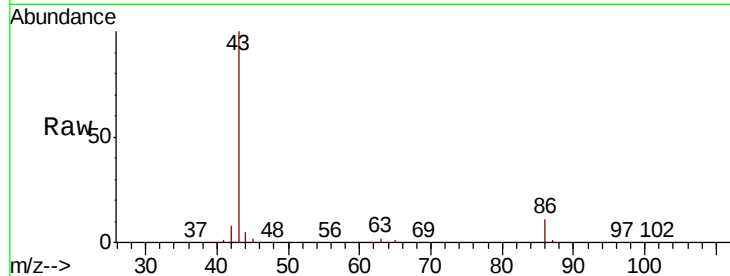
ICVVN091018

Tot Ion: 43 Resp: 3985492

Ion Ratio Lower Upper

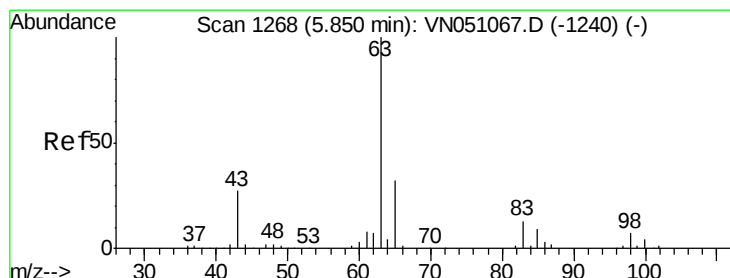
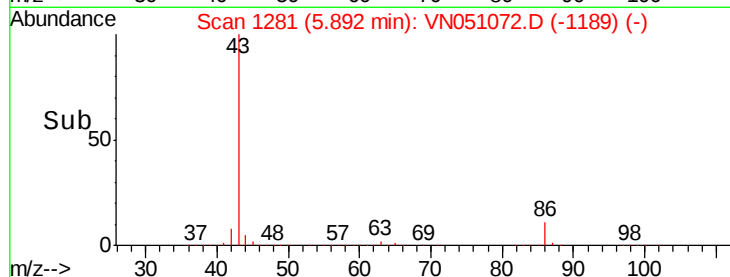
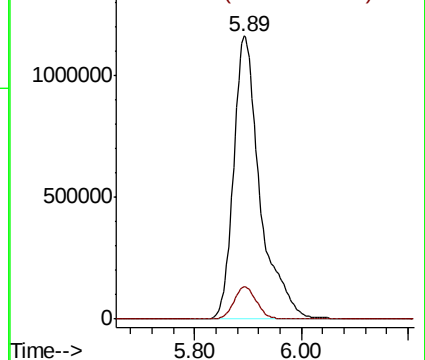
43 100

86 11.3 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.13 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

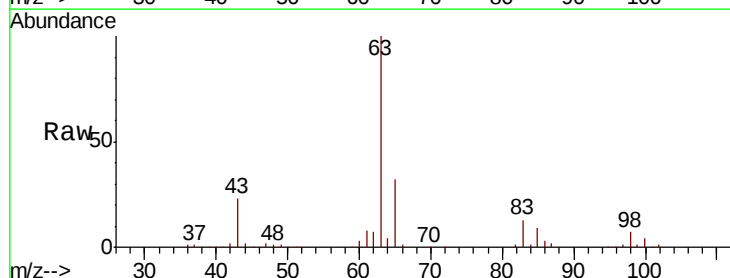
Tgt Ion: 63 Resp: 707045

Ion Ratio Lower Upper

63 100

98 6.8 3.4 10.1

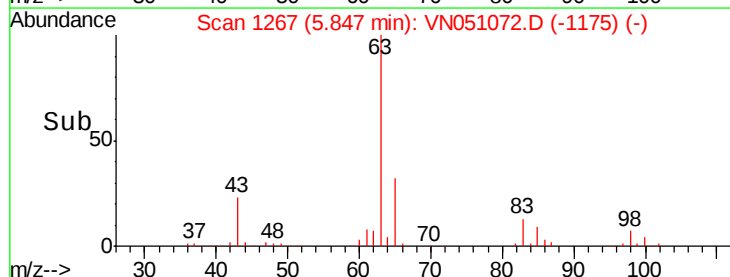
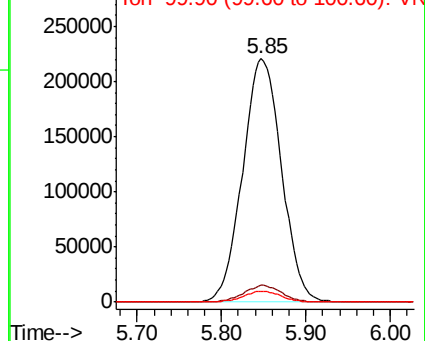
100 4.5 2.1 6.3

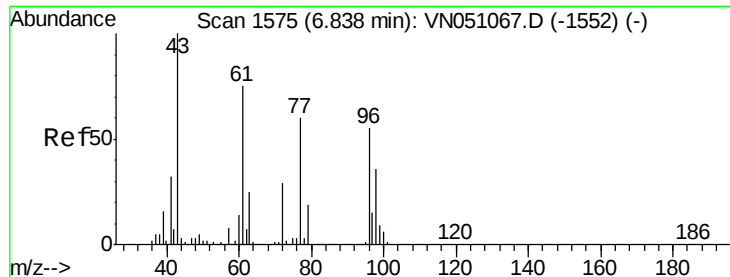


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

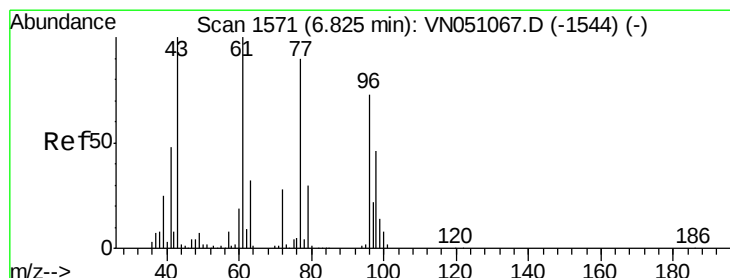
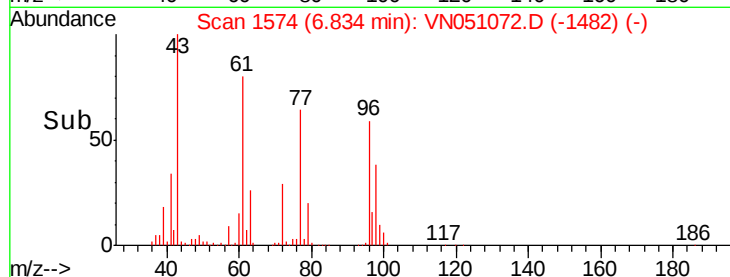
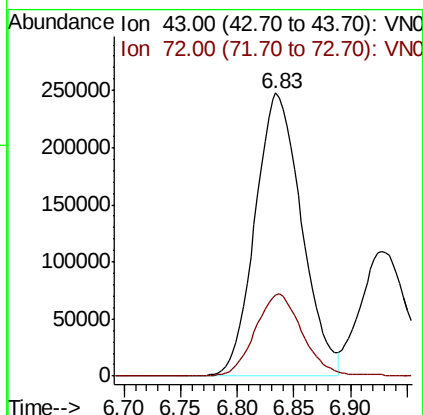
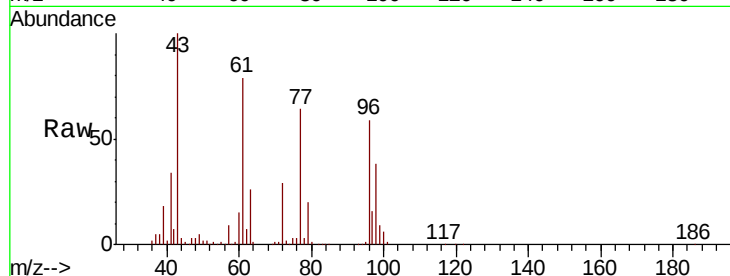




#25
2-Butanone
Concen: 224.95 ug/l
RT: 6.83 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

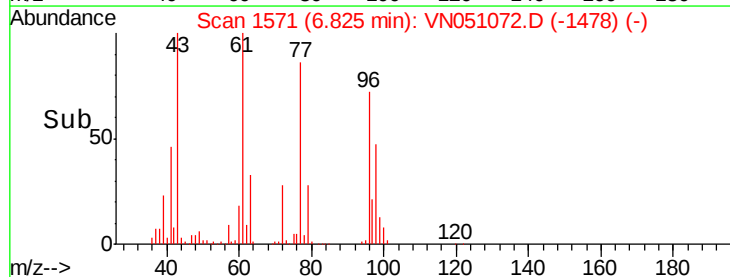
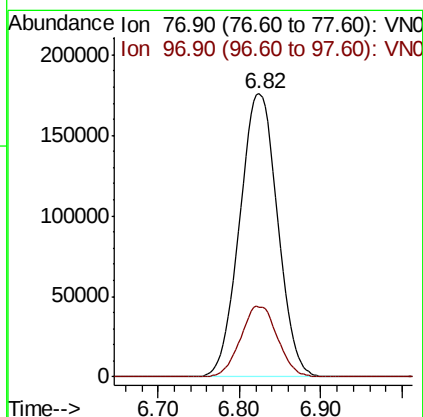
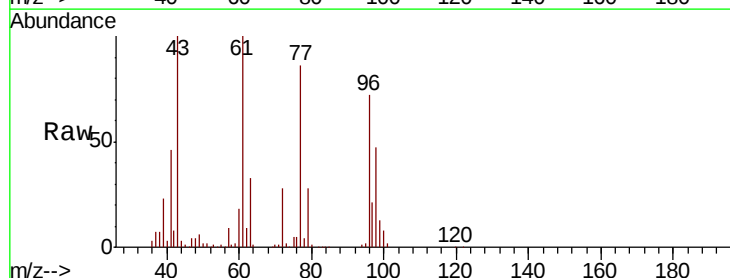
Instrument :
MSVOA_N
ClientSampled :
ICVVN091018

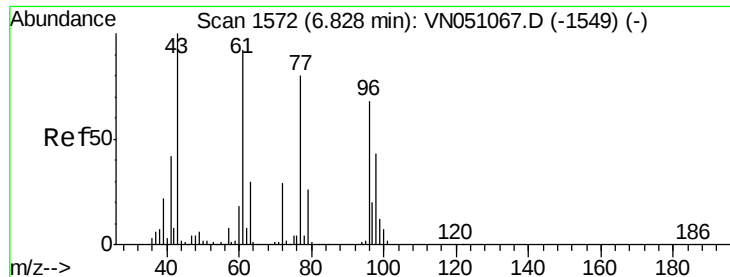
Tot Ion: 43 Resp: 706371
Ion Ratio Lower Upper
43 100
72 28.9 23.0 34.6



#26
2,2-Dichloropropane
Concen: 47.05 ug/l
RT: 6.82 min Scan# 1571
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion: 77 Resp: 565631
Ion Ratio Lower Upper
77 100
97 24.4 12.1 36.3





#27

cis-1,2-Dichloroethene

Concen: 48.32 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091018

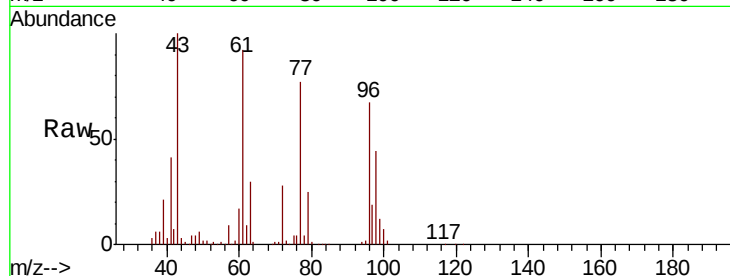
Tot Ion: 96 Resp: 440150

Ion Ratio Lower Upper

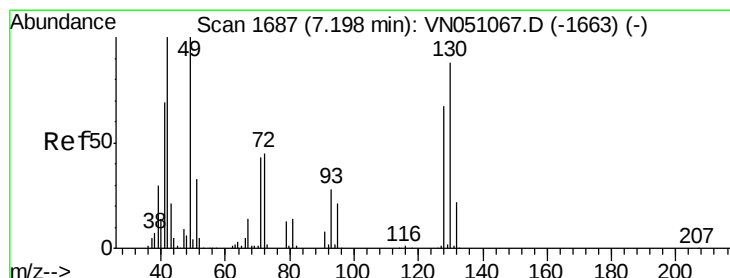
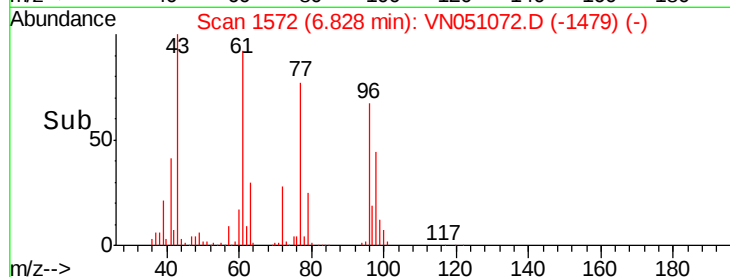
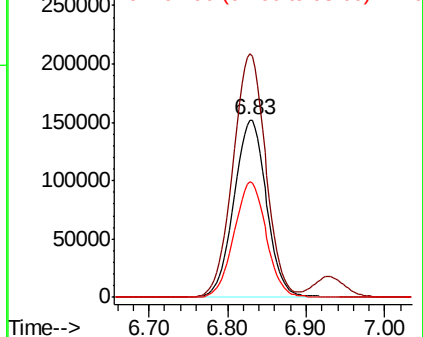
96 100

61 138.3 0.0 278.2

98 64.7 0.0 129.4



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



#28

Bromochloromethane

Concen: 48.93 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

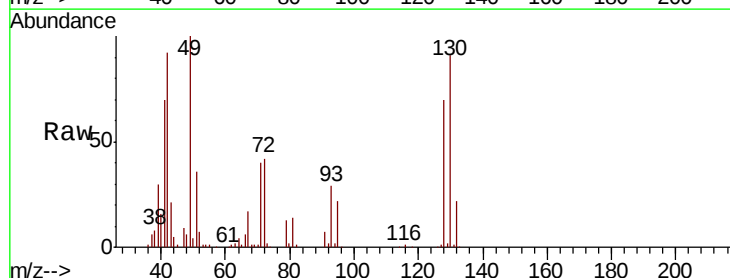
Tgt Ion: 49 Resp: 319938

Ion Ratio Lower Upper

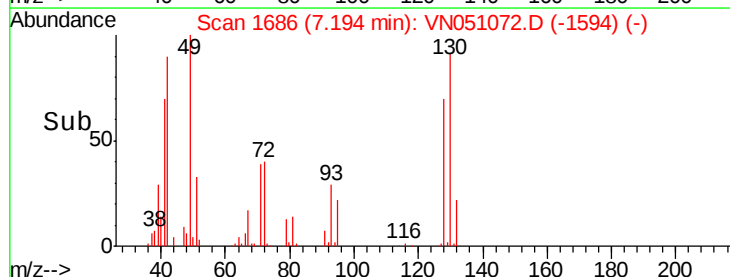
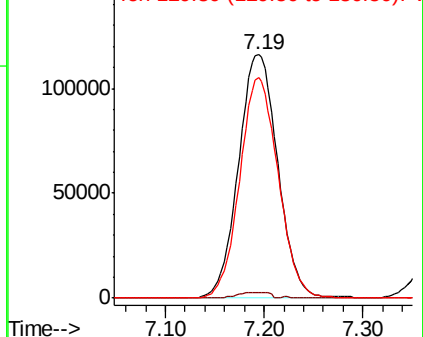
49 100

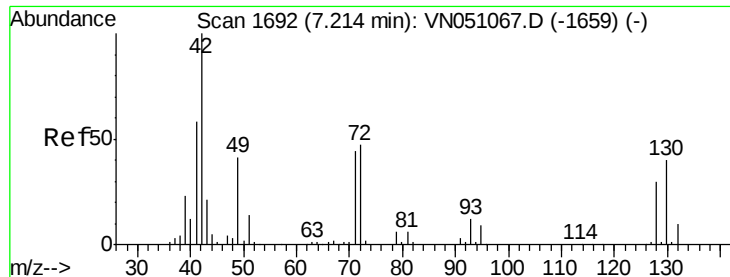
129 1.3 0.0 4.4

130 88.8 70.7 106.1



Abundance Ion 48.90 (48.60 to 49.60): VNO
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 237.68 ug/l

RT: 7.21 min Scan# 1691

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091018

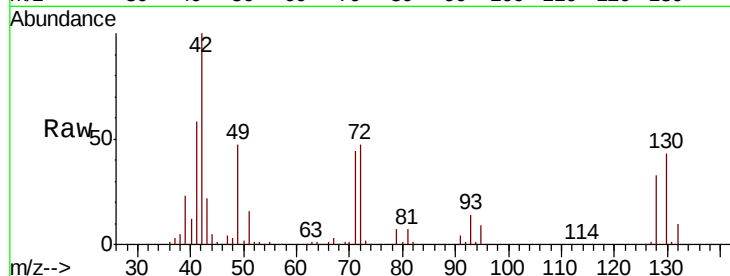
Tot Ion: 42 Resp: 466088

Ion Ratio Lower Upper

42 100

72 47.0 37.4 56.0

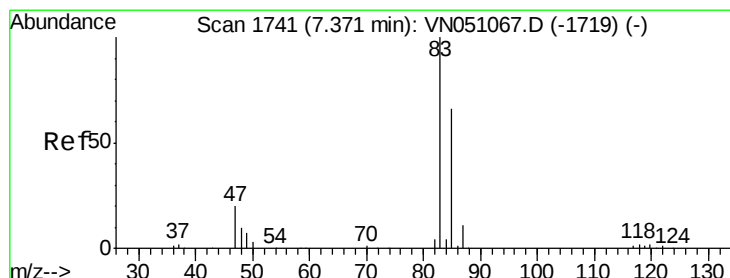
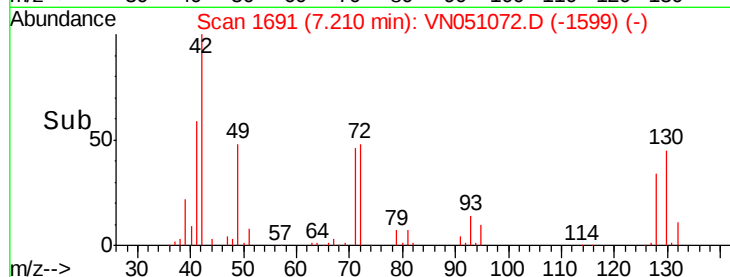
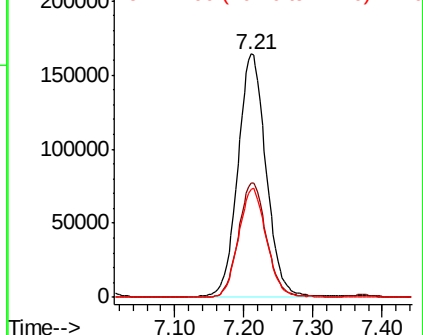
71 44.3 34.7 52.1



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 48.04 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VN051072.D

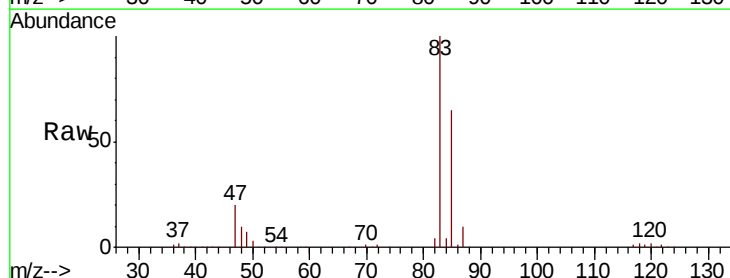
Acq: 10 Sep 2018 12:29

Tgt Ion: 83 Resp: 701980

Ion Ratio Lower Upper

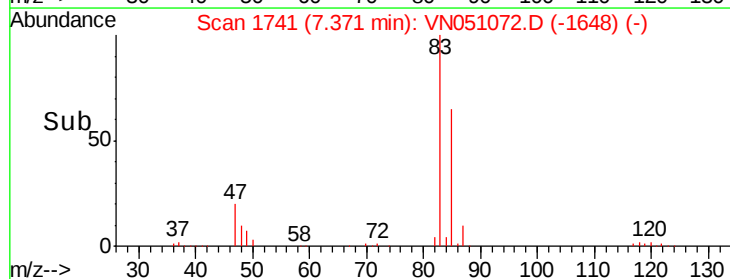
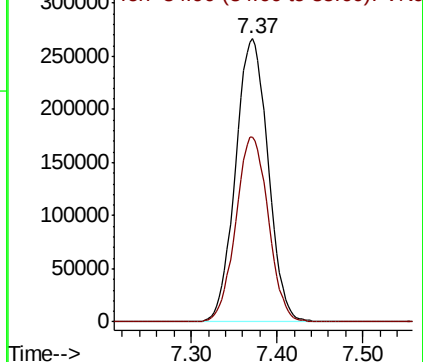
83 100

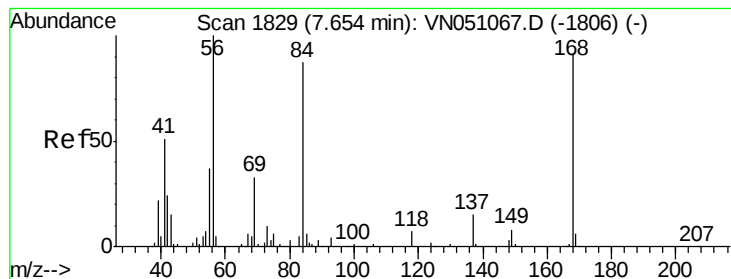
85 65.5 52.6 79.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 49.16 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091018

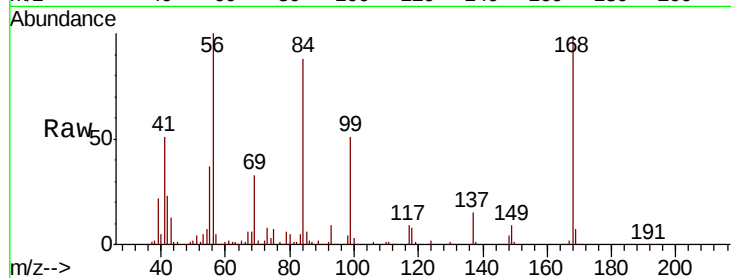
Tot Ion: 56 Resp: 643903

Ion Ratio Lower Upper

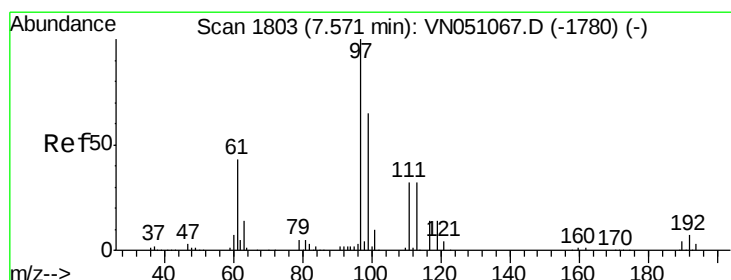
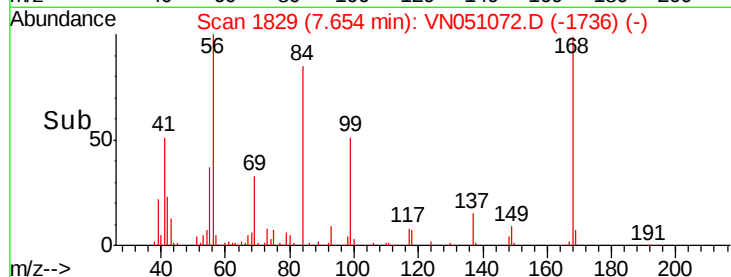
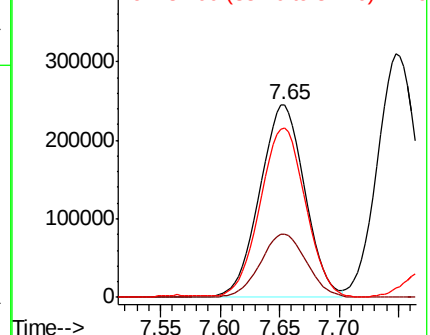
56 100

69 33.0 26.3 39.5

84 87.0 69.4 104.0



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



#32

1,1,1-Trichloroethane

Concen: 48.10 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

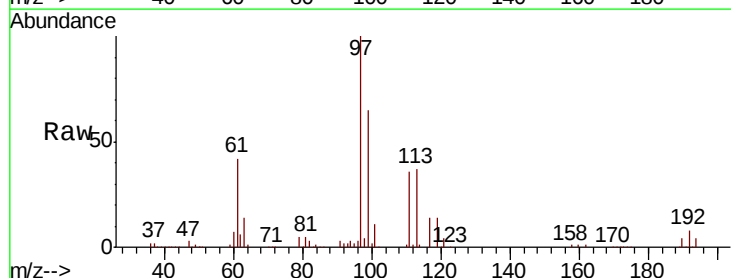
Tgt Ion: 97 Resp: 598868

Ion Ratio Lower Upper

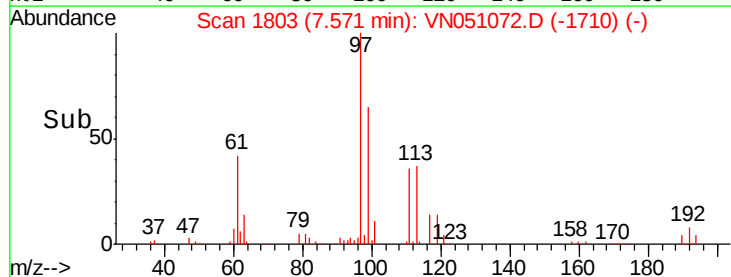
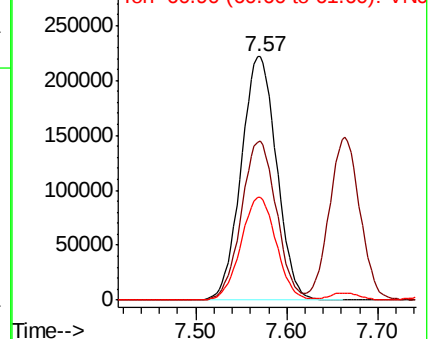
97 100

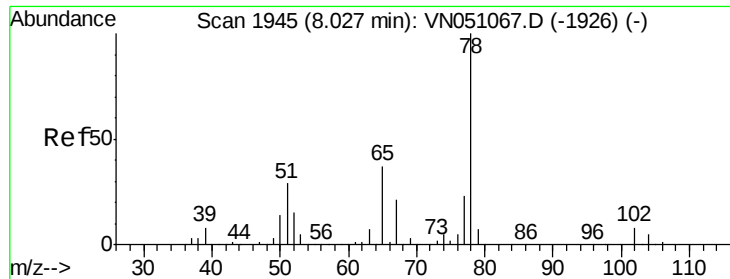
99 64.6 51.6 77.4

61 42.1 33.8 50.6



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

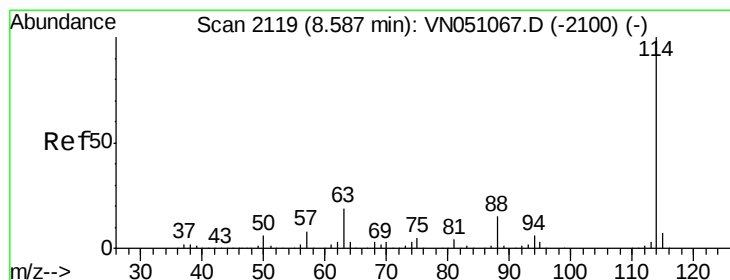
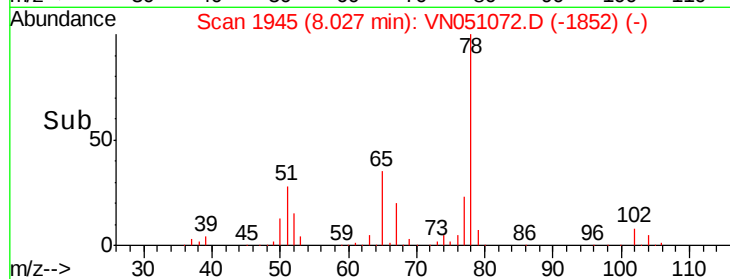
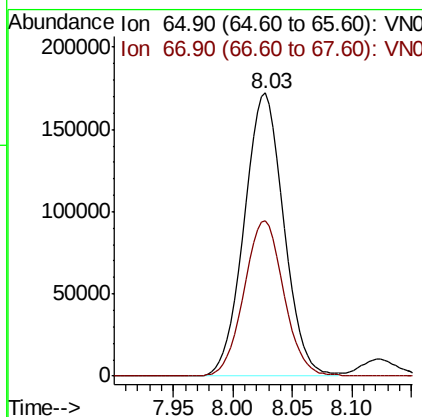
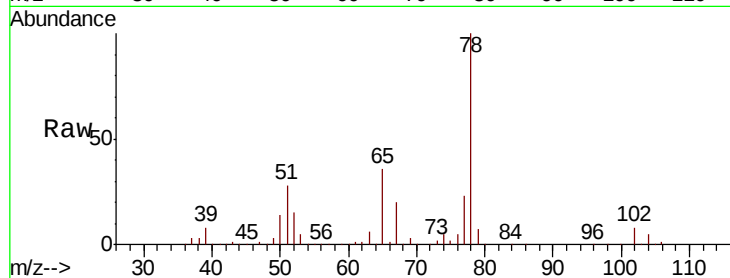




#33
 1,2-Dichloroethane-d4
 Concen: 49.74 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

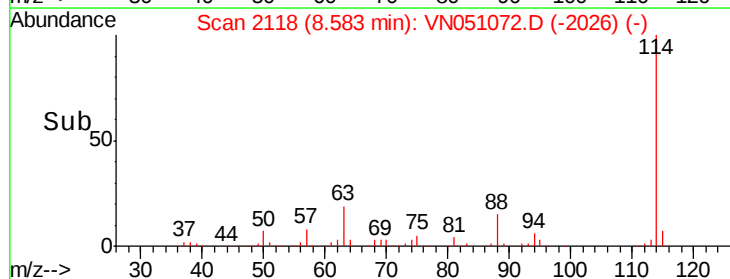
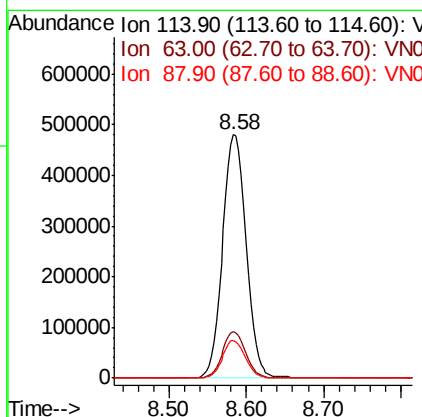
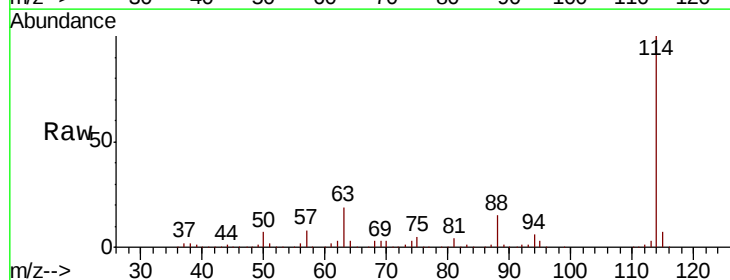
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091018

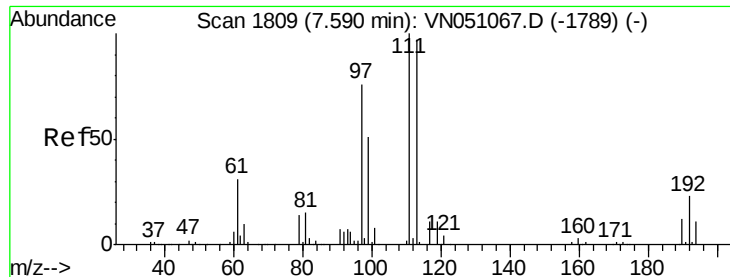
Tot Ion: 65 Resp: 397287
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

Tgt Ion: 114 Resp: 1018866
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.8
 88 15.4 0.0 30.8

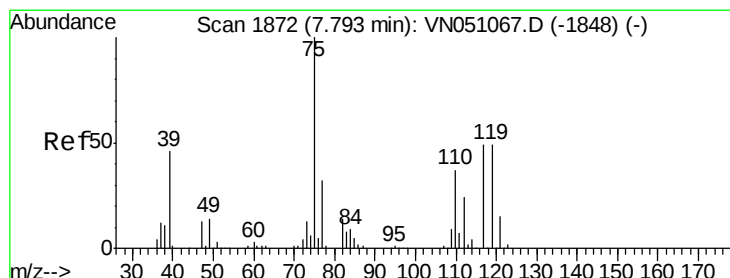
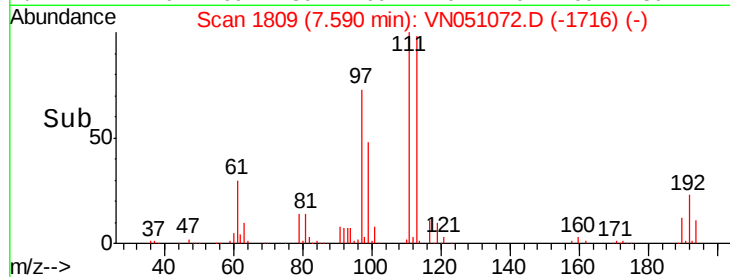
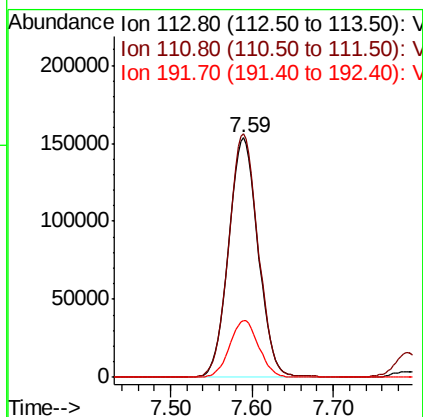
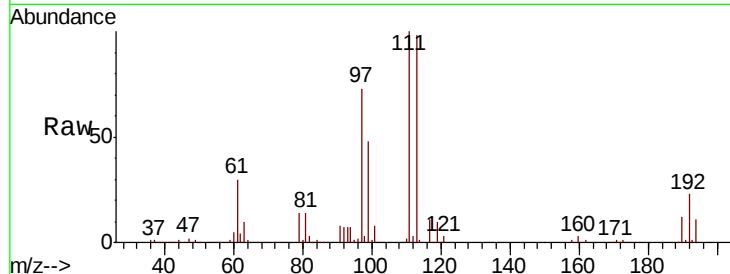




#35
 Dibromofluoromethane
 Concen: 50.74 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

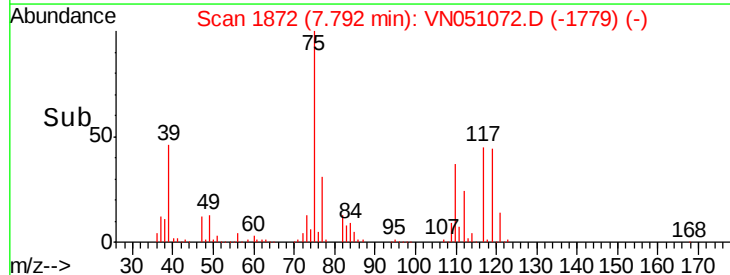
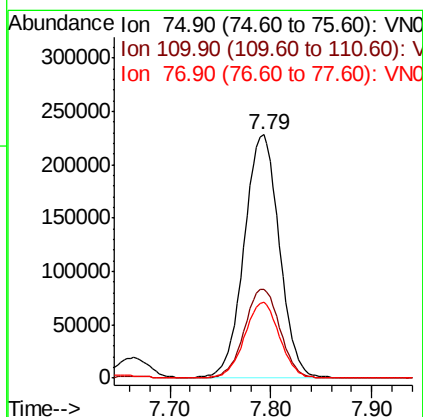
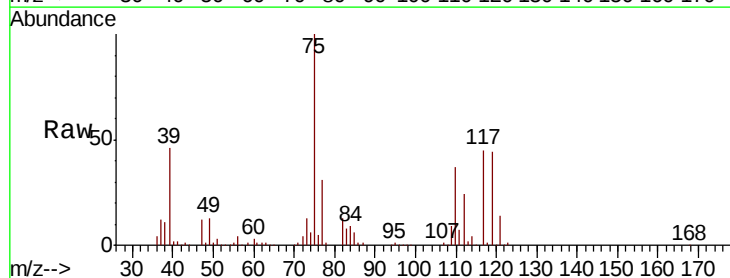
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091018

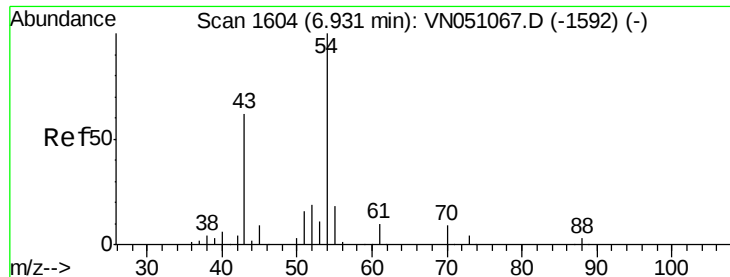
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.6
192	23.3	18.7	28.1



#36
 1,1-Dichloropropene
 Concen: 49.00 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.2	18.6	55.8
77	31.4	25.2	37.8

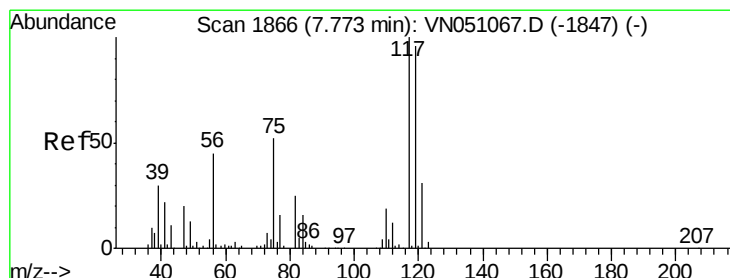
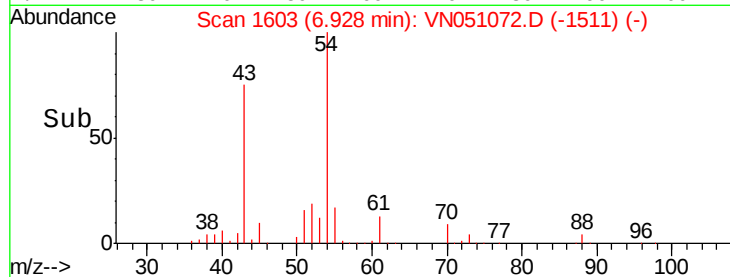
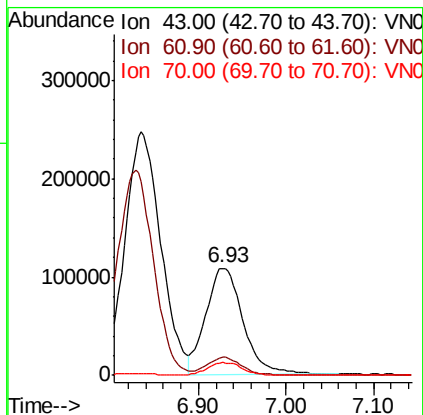
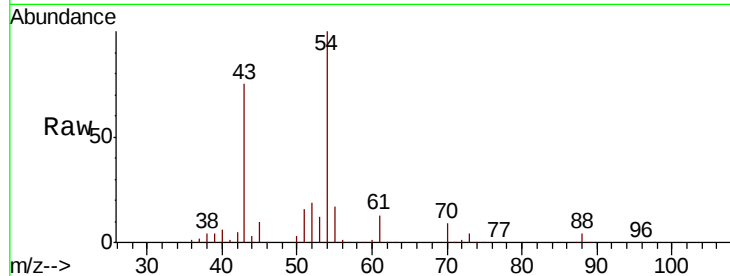




#37
Ethyl Acetate
Concen: 49.57 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

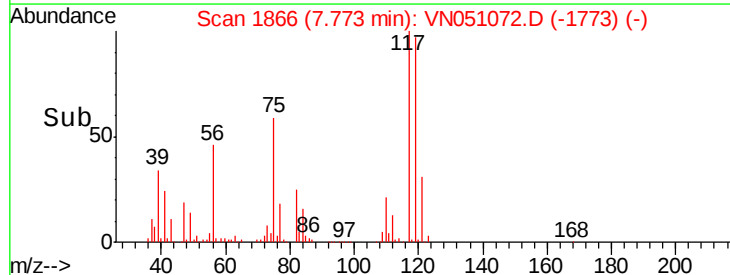
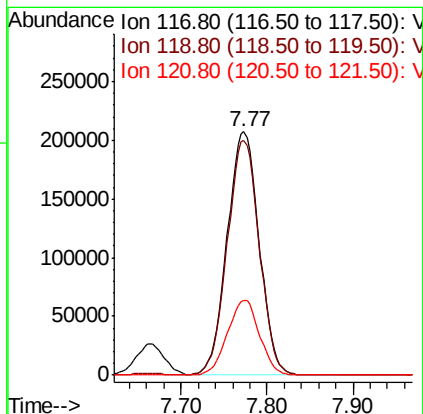
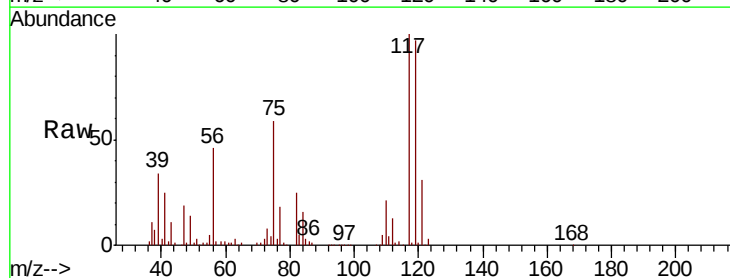
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091018

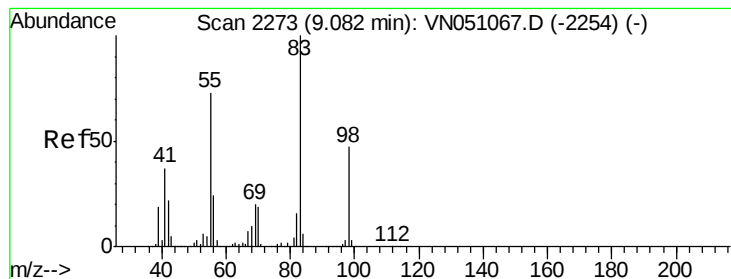
Tot Ion: 43 Resp: 321123
Ion Ratio Lower Upper
43 100
61 15.4 12.4 18.6
70 10.9 9.3 13.9



#38
Carbon Tetrachloride
Concen: 48.69 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion: 117 Resp: 536064
Ion Ratio Lower Upper
117 100
119 96.5 76.8 115.2
121 30.8 24.6 36.8





#39

Methvlcvclohexane

Concen: 51.16 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVFN091018

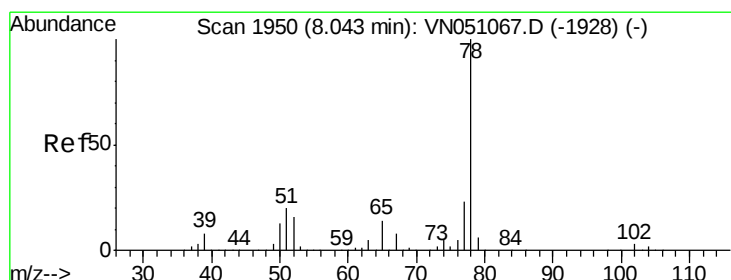
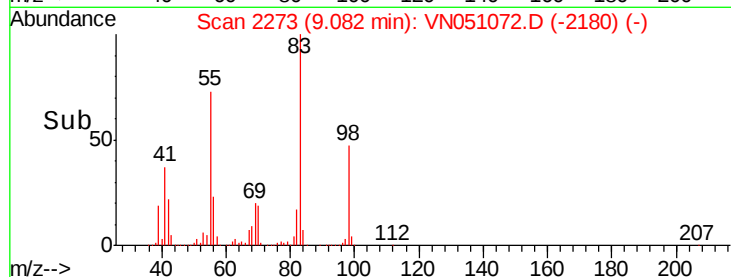
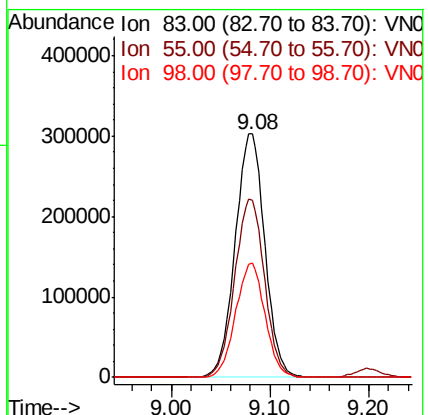
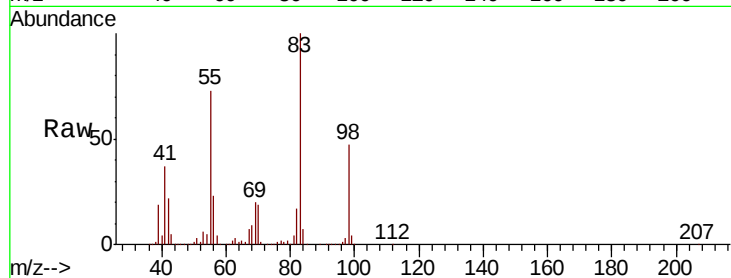
Tot Ion: 83 Resp: 631460

Ion Ratio Lower Upper

83 100

55 72.7 58.4 87.6

98 47.2 37.3 55.9



#40

Benzene

Concen: 48.93 ug/l

RT: 8.04 min Scan# 1949

Delta R.T. -0.00 min

Lab File: VN051072.D

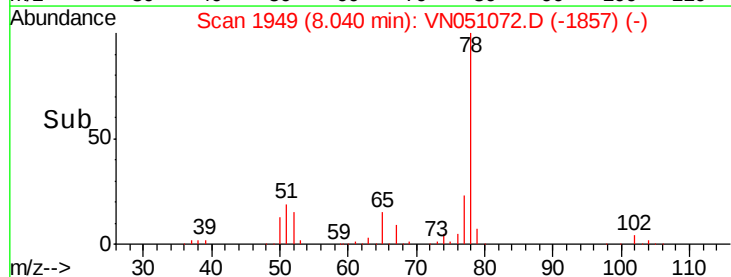
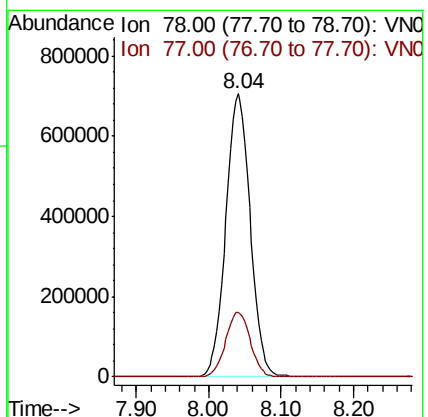
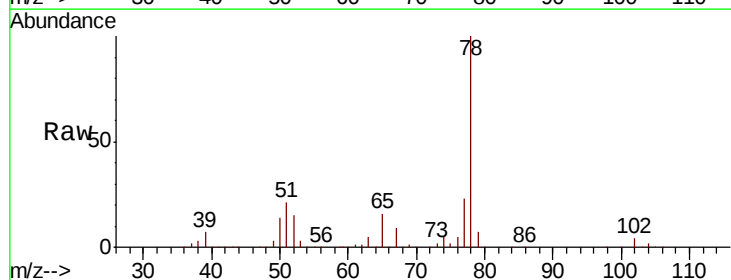
Acq: 10 Sep 2018 12:29

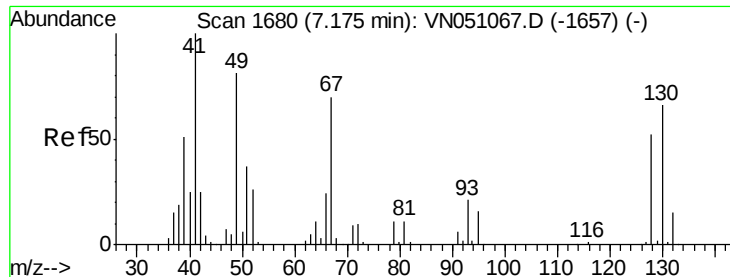
Tgt Ion: 78 Resp: 1649393

Ion Ratio Lower Upper

78 100

77 23.0 18.6 27.8

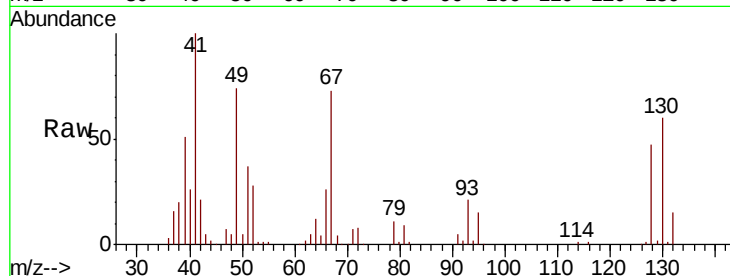




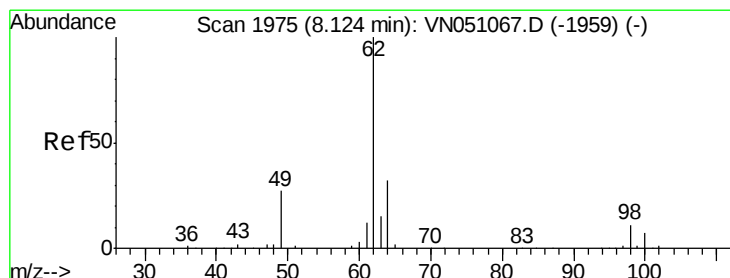
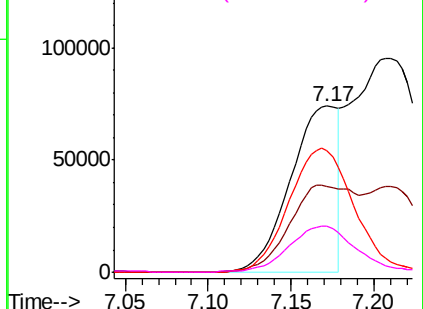
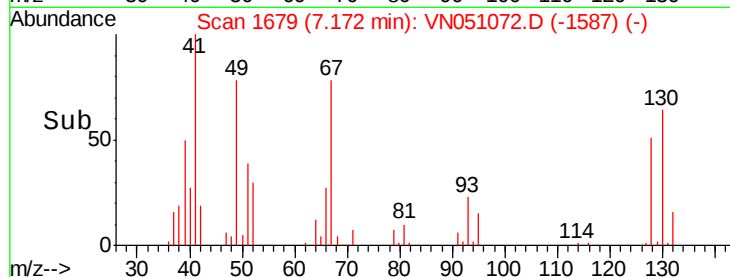
#41
Methacrylonitrile
Concen: 44.29 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Instrument :
MSVOA_N
ClientSampled :
ICVVN091018

Tot Ion: 41 Resp: 148045
Ion Ratio Lower Upper
41 100
39 71.5 51.3 76.9
67 102.7 78.5 117.7
52 37.9 29.0 43.6

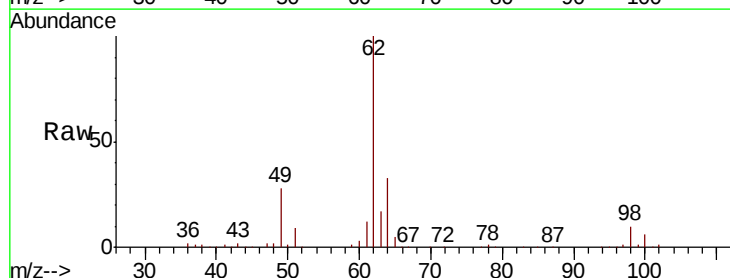


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

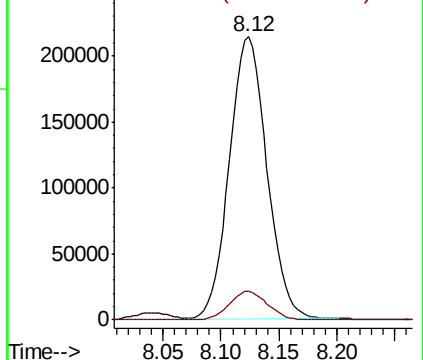
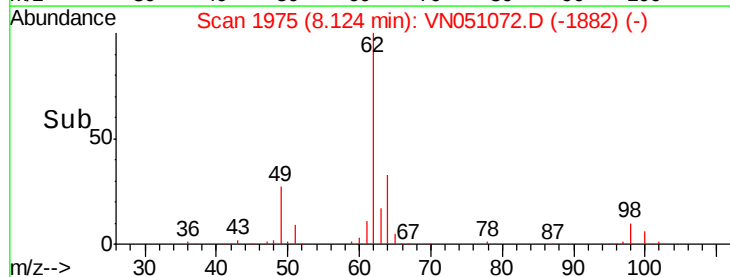


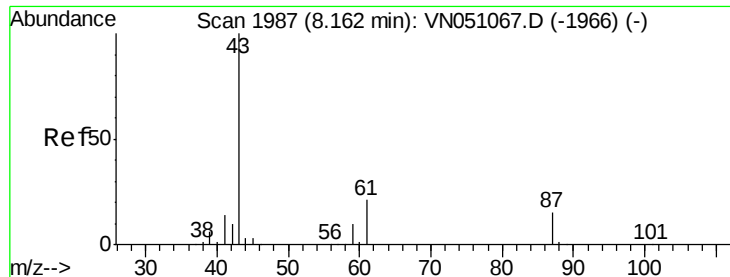
#42
1,2-Dichloroethane
Concen: 49.13 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion: 62 Resp: 482672
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.0



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



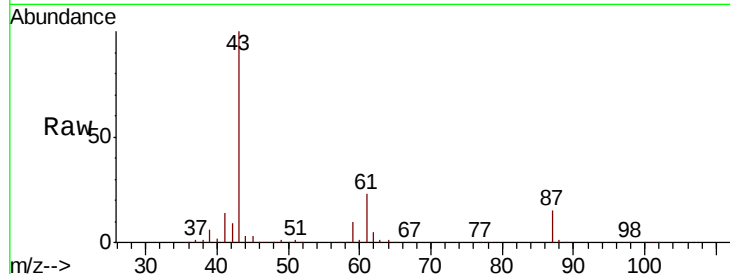


#43

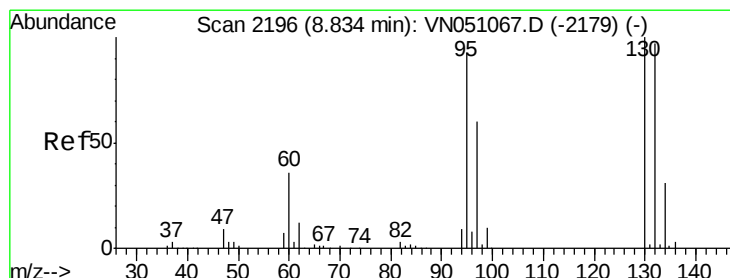
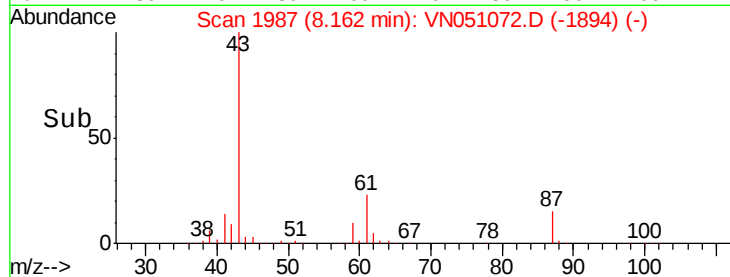
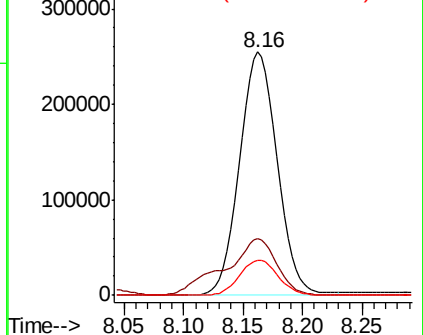
Isopropyl Acetate
 Concen: 48.83 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091018

Tot Ion: 43 Resp: 558142
 Ion Ratio Lower Upper
 43 100
 61 31.9 25.0 37.6
 87 15.0 11.8 17.8



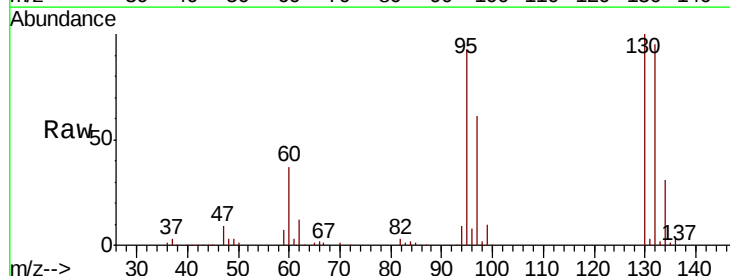
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



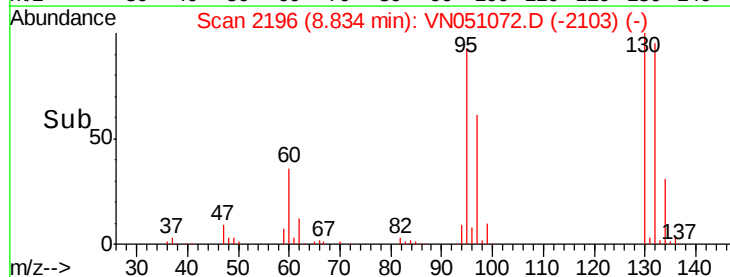
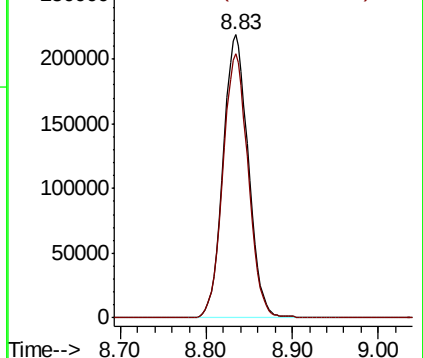
#44

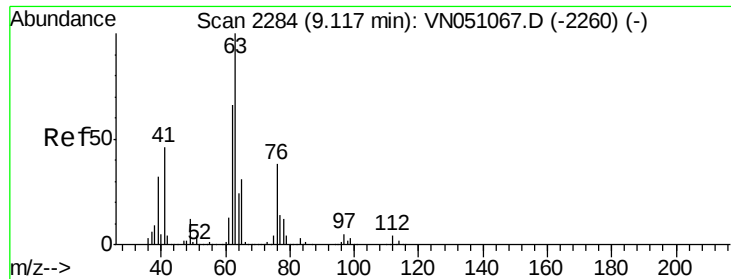
Trichloroethene
 Concen: 48.41 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

Tgt Ion: 130 Resp: 446322
 Ion Ratio Lower Upper
 130 100
 95 93.4 0.0 186.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

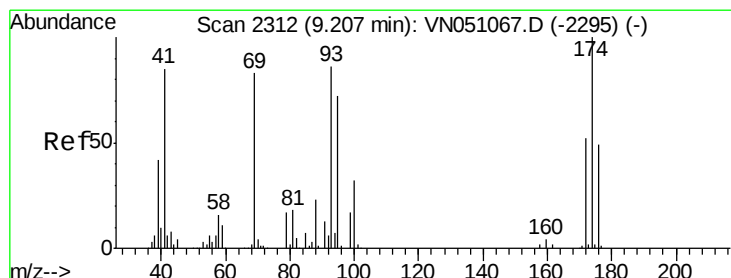
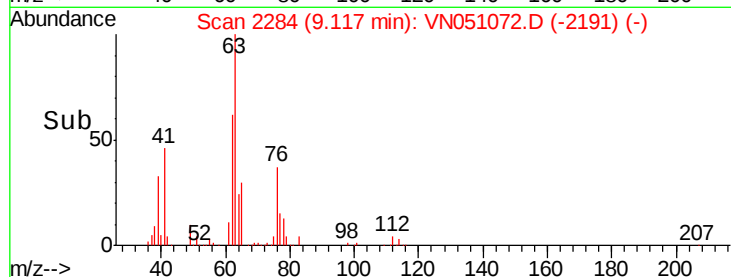
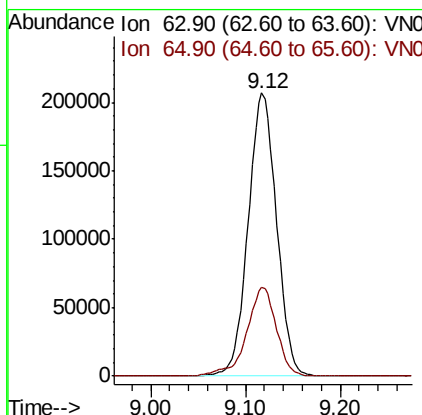
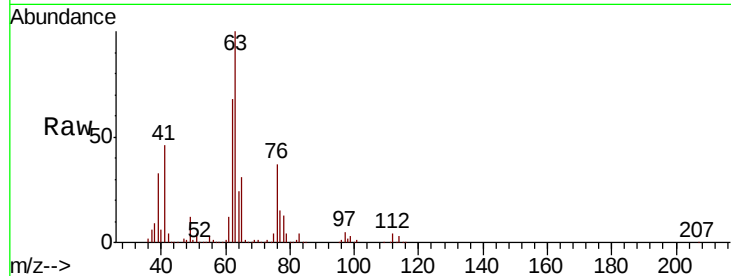




#45
 1,2-Dichloropropane
 Concen: 49.55 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

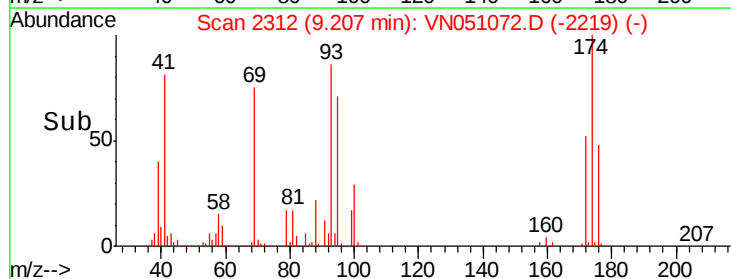
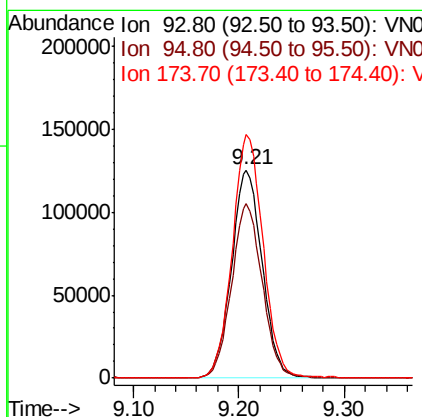
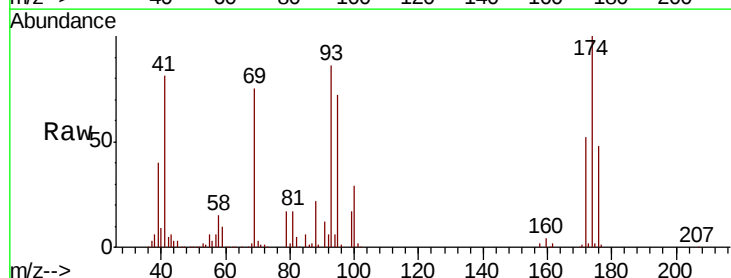
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091018

Tot Ion: 63 Resp: 431592
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 47.87 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

Tgt Ion: 93 Resp: 254369
 Ion Ratio Lower Upper
 93 100
 95 83.6 66.8 100.2
 174 116.6 93.3 139.9





#47

Bromodichloromethane

Concen: 49.98 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICV091018

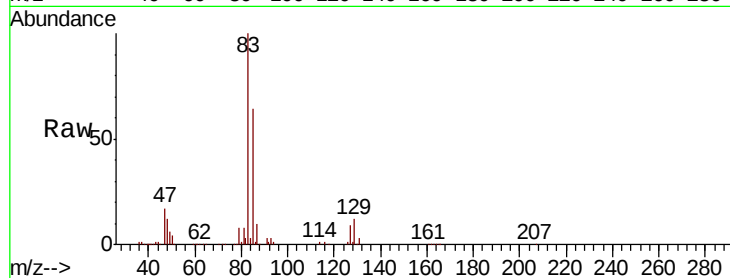
Tot Ion: 83 Resp: 540077

Ion Ratio Lower Upper

83 100

85 64.5 52.3 78.5

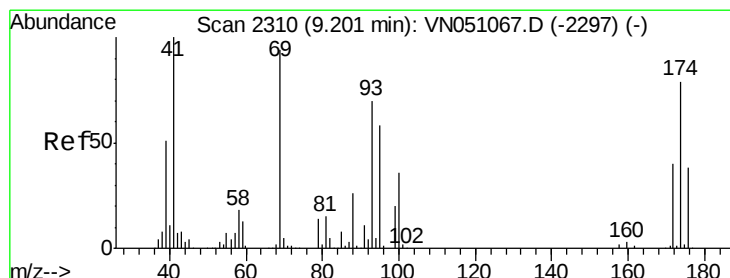
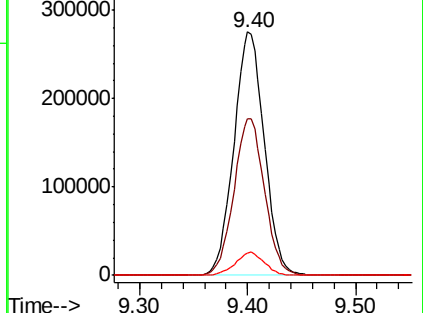
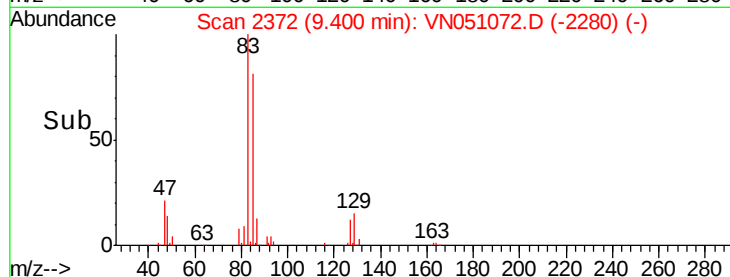
127 9.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VN051072.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051072.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051072.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.03 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

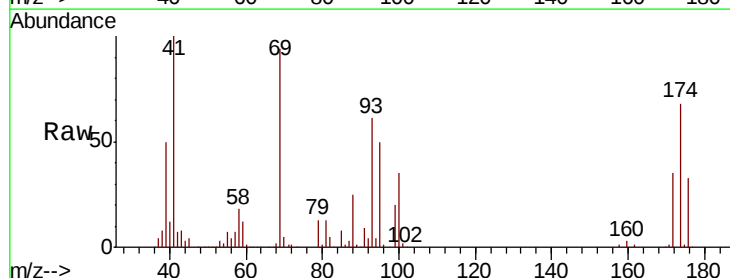
Tgt Ion: 41 Resp: 278725

Ion Ratio Lower Upper

41 100

69 97.6 77.7 116.5

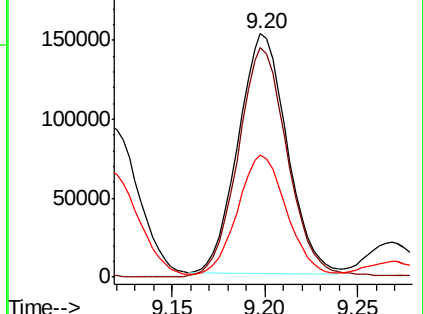
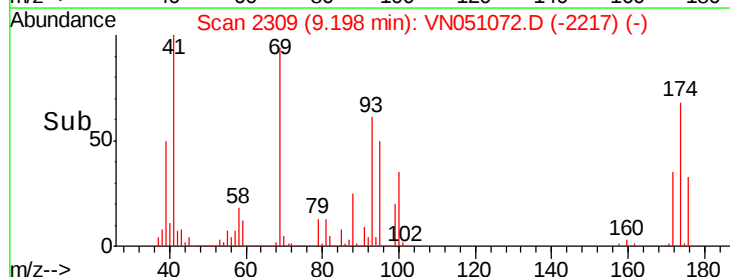
39 51.7 41.6 62.4

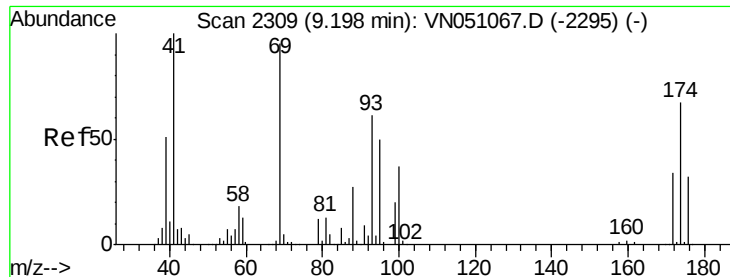


Abundance Ion 41.00 (40.70 to 41.70): VN051072.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051072.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051072.D (-2217) (-)





#49

1,4-Dioxane

Concen: 950.39 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091018

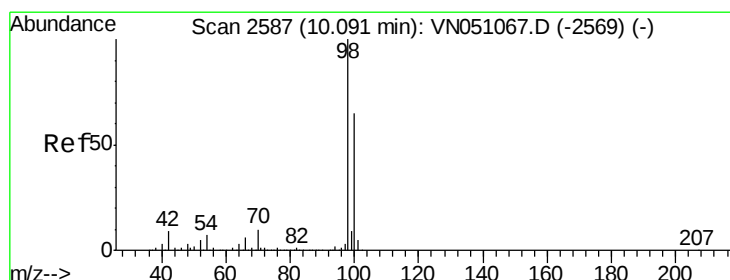
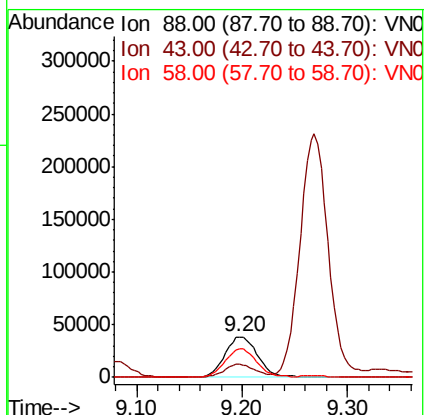
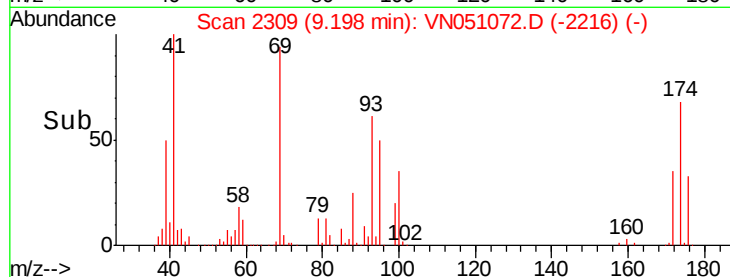
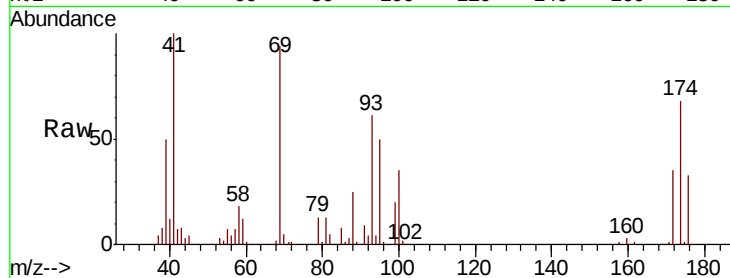
Tot Ion: 88 Resp: 83023

Ion Ratio Lower Upper

88 100

43 28.8 23.7 35.5

58 68.8 54.6 82.0



#50

Toluene-d8

Concen: 50.57 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN051072.D

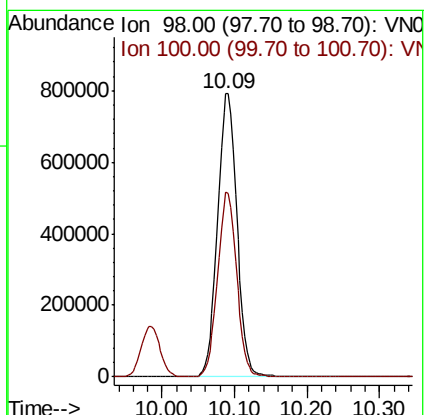
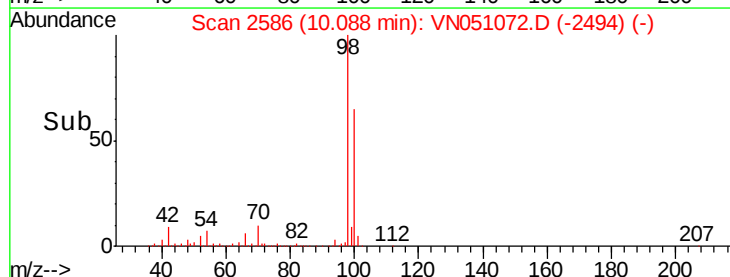
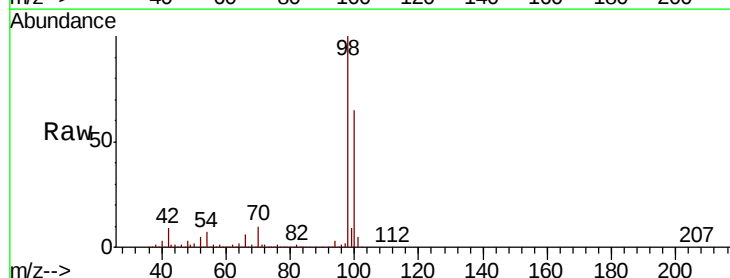
Acq: 10 Sep 2018 12:29

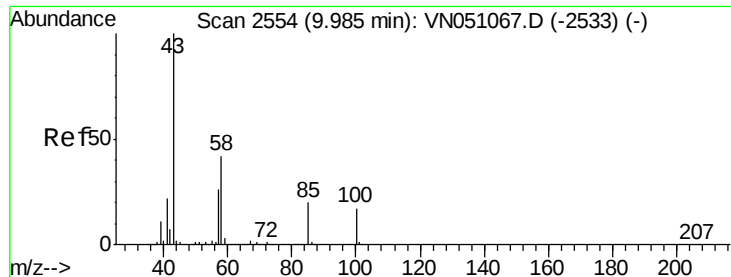
Tgt Ion: 98 Resp: 1469208

Ion Ratio Lower Upper

98 100

100 64.1 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 244.36 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

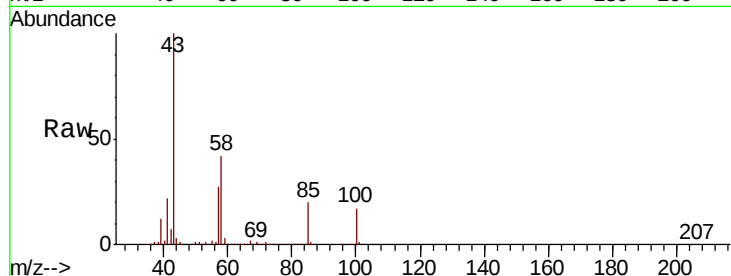
ICV091018

Tot Ion: 43 Resp: 1544725

Ion Ratio Lower Upper

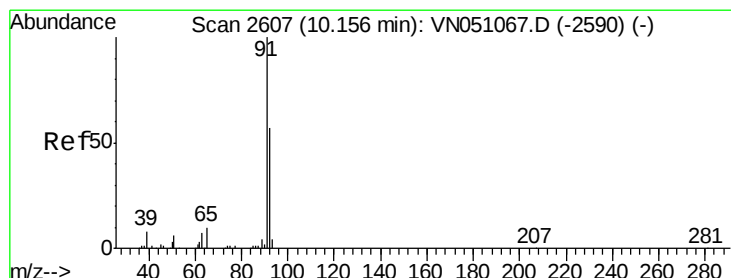
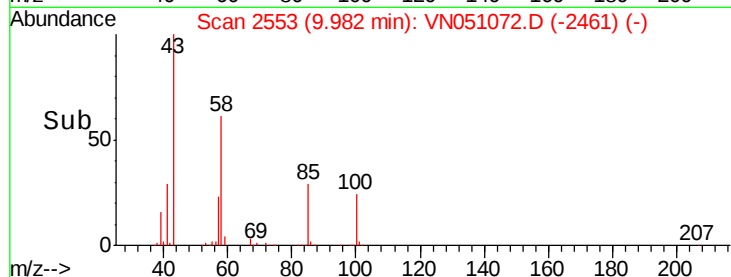
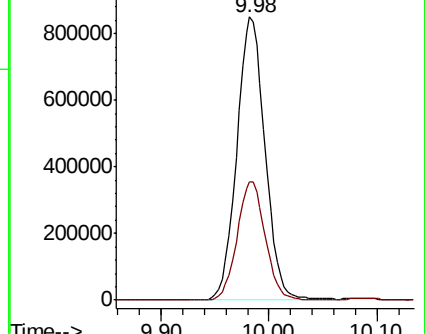
43 100

58 41.9 33.5 50.3



Abundance Ion 43.00 (42.70 to 43.70): VN051067.D (-2533) (-)

Ion 58.00 (57.70 to 58.70): VN051067.D (-2533) (-)



#52

Toluene

Concen: 50.25 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN051072.D

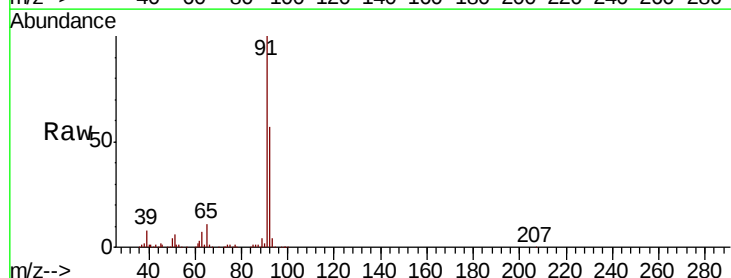
Acq: 10 Sep 2018 12:29

Tgt Ion: 92 Resp: 1032861

Ion Ratio Lower Upper

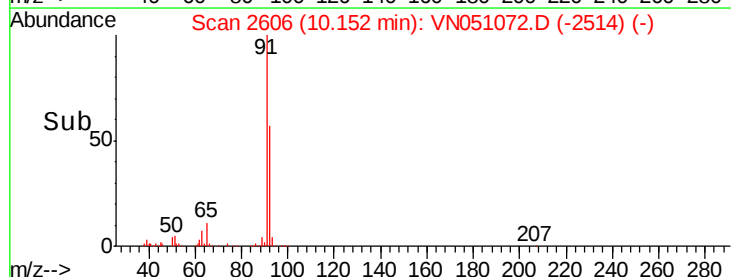
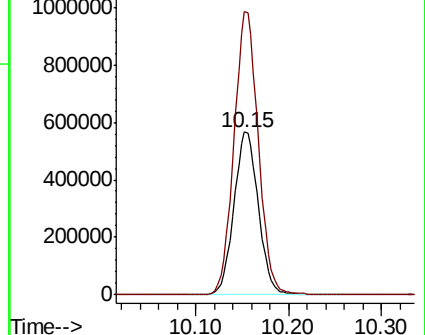
92 100

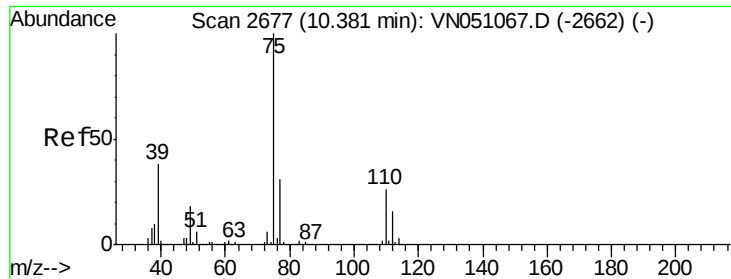
91 173.8 139.5 209.3



Abundance Ion 92.00 (91.70 to 92.70): VN051067.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN051067.D (-2590) (-)





#53

t-1,3-Dichloropropene

Concen: 51.28 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

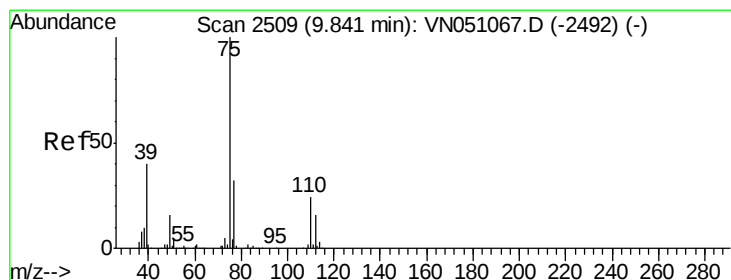
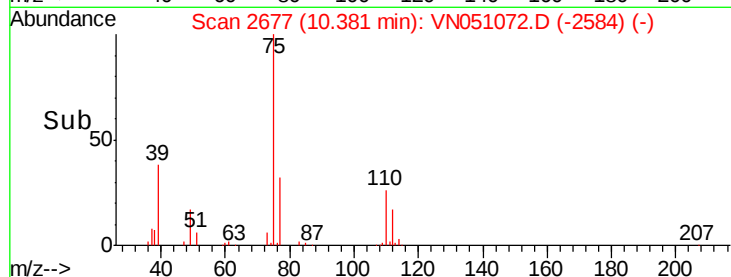
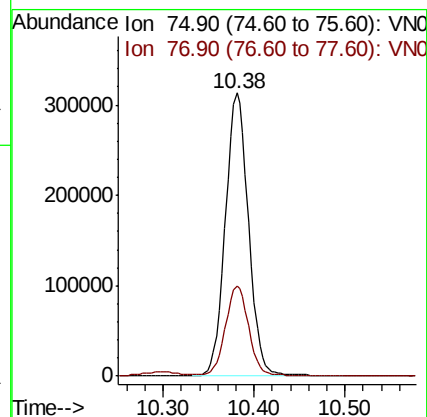
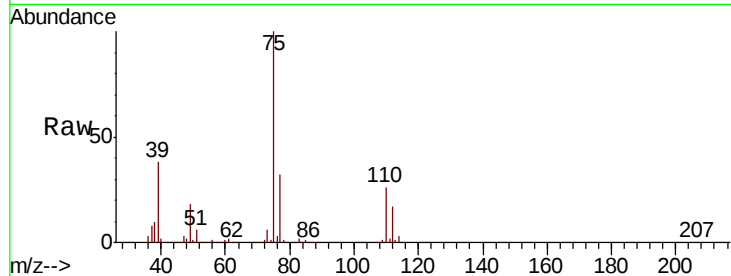
ICVVN091018

Tot Ion: 75 Resp: 554598

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 51.40 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

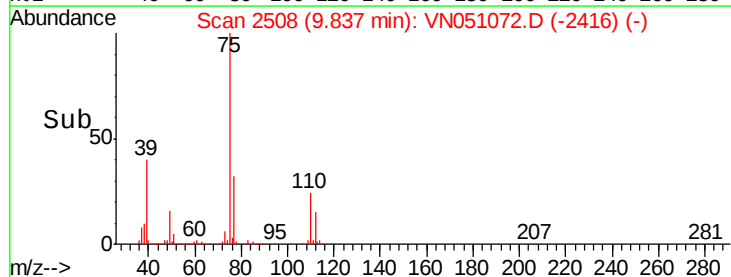
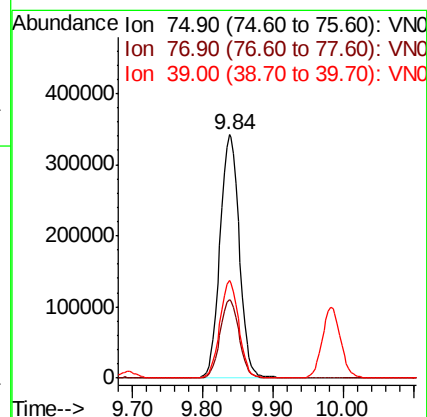
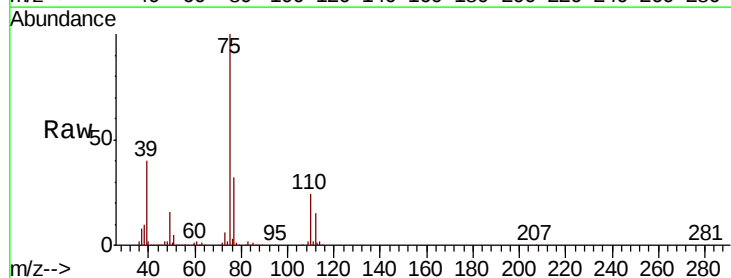
Tgt Ion: 75 Resp: 651747

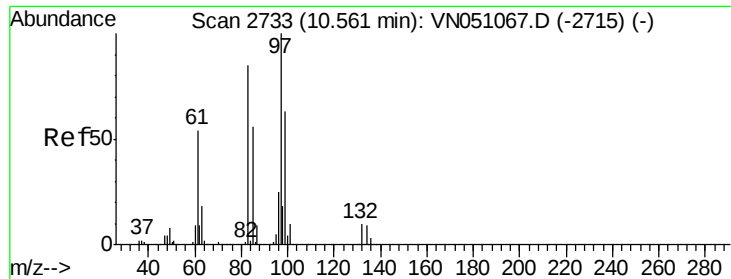
Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

39 40.1 31.9 47.9





#55

1,1,2-Trichloroethane

Concen: 49.34 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091018

Tot Ion: 97 Resp: 368390

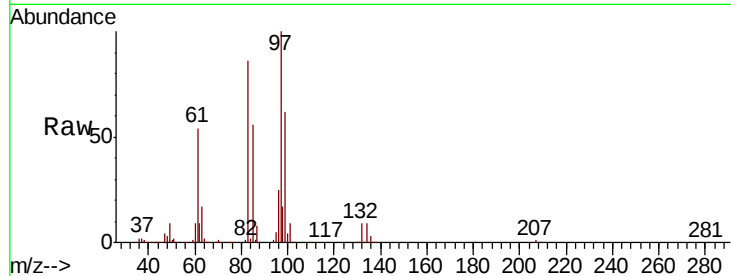
Ion Ratio Lower Upper

97 100

83 86.0 68.2 102.2

85 55.7 44.8 67.2

99 61.9 50.2 75.4

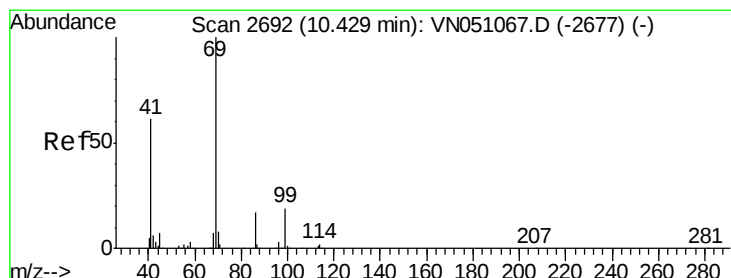
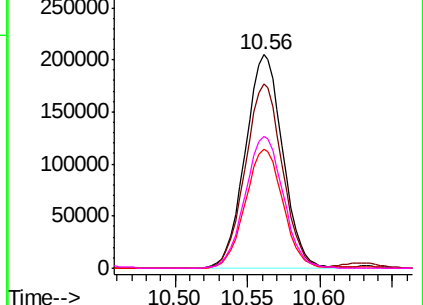
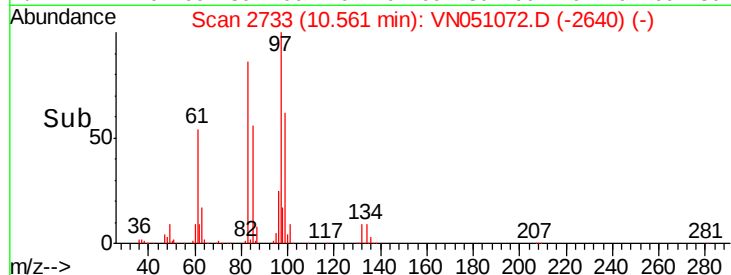


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 47.37 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

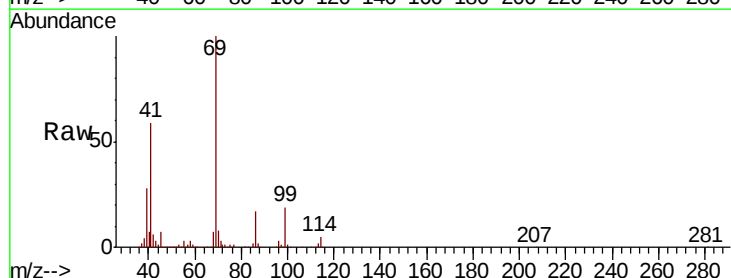
Tgt Ion: 69 Resp: 473299

Ion Ratio Lower Upper

69 100

41 58.9 47.8 71.8

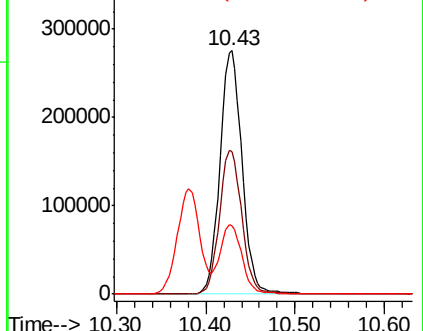
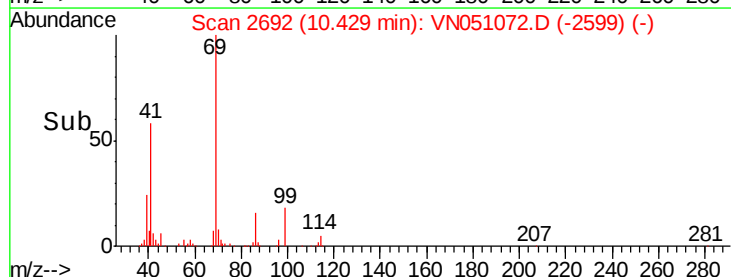
39 28.3 23.0 34.4



Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 49.50 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

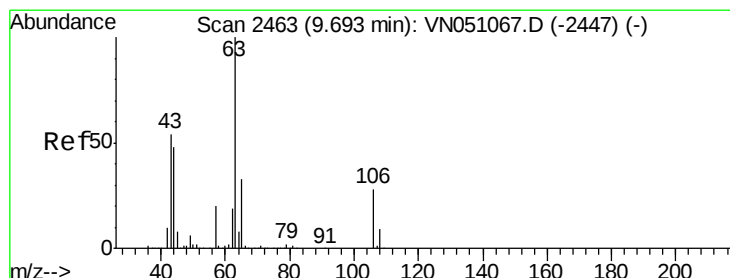
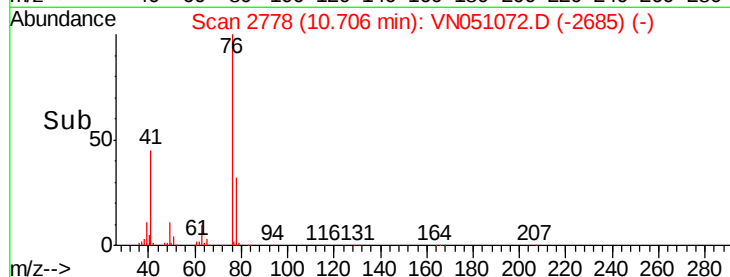
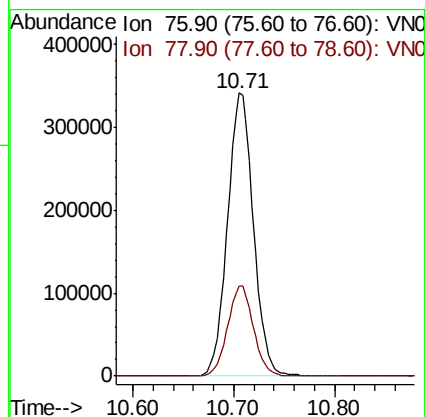
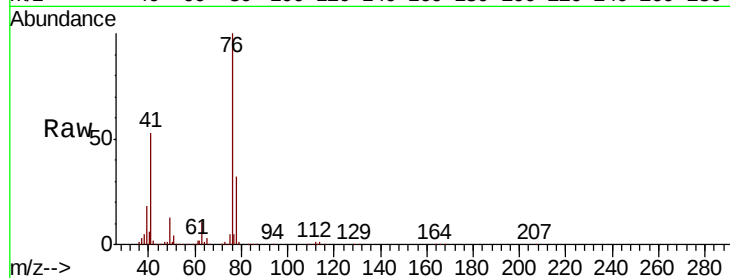
ICVVN091018

Tot Ion: 76 Resp: 612694

Ion Ratio Lower Upper

76 100

78 31.9 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 232.58 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN051072.D

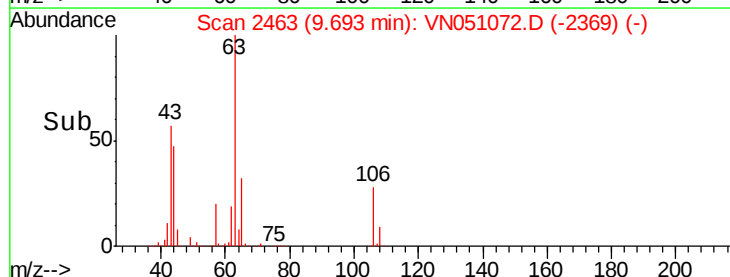
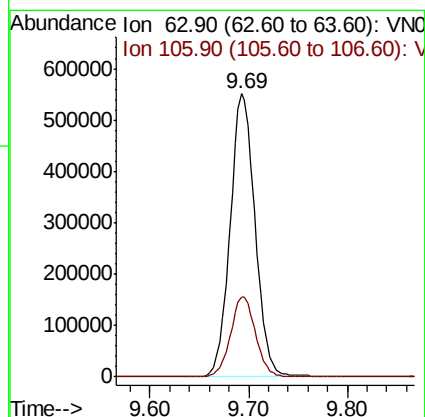
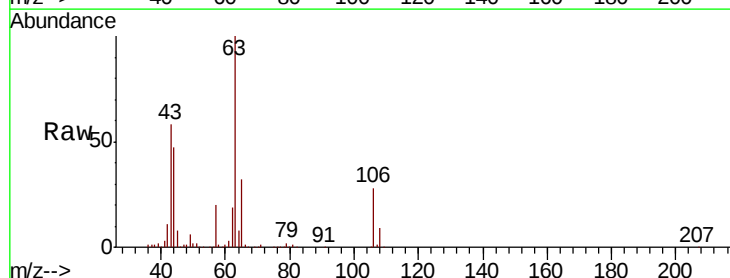
Acq: 10 Sep 2018 12:29

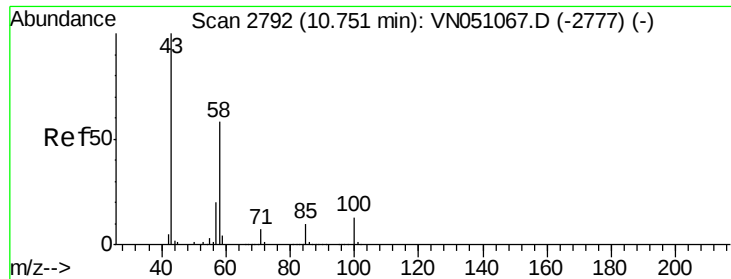
Tgt Ion: 63 Resp: 974860

Ion Ratio Lower Upper

63 100

106 28.4 22.5 33.7

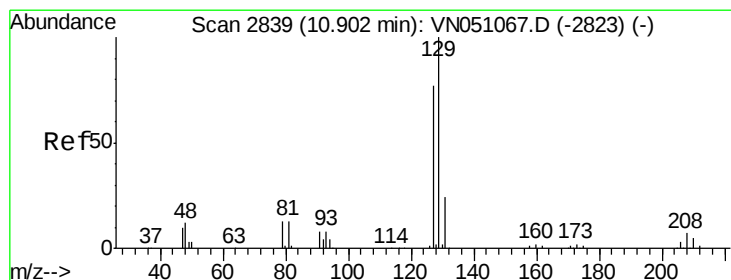
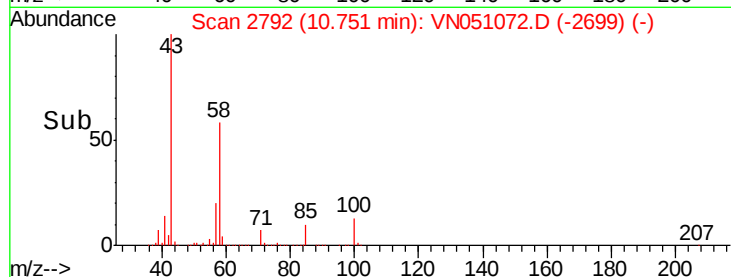
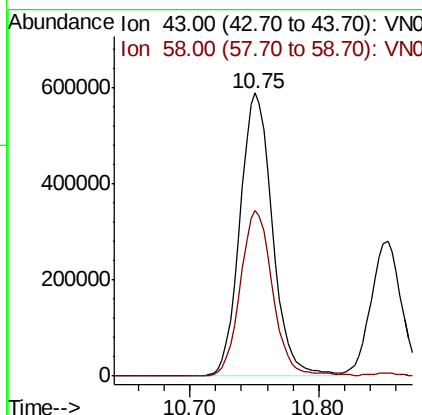
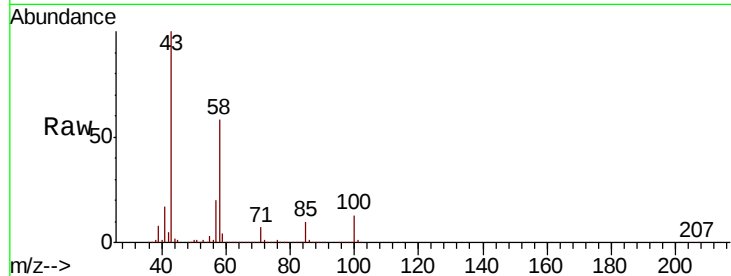




#59
2-Hexanone
Concen: 240.27 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

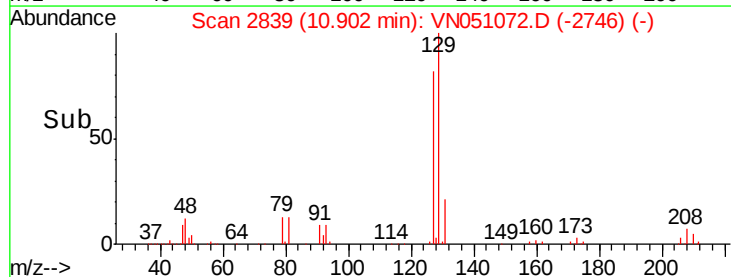
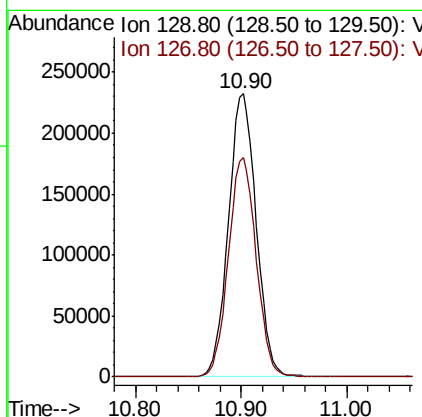
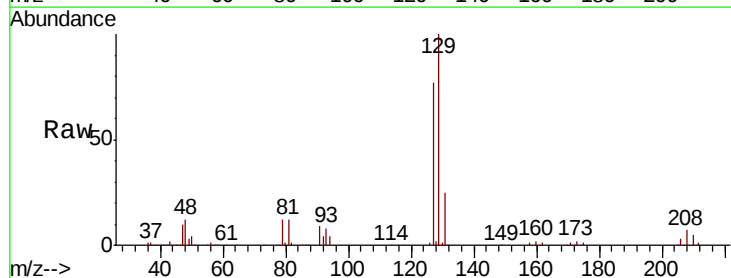
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091018

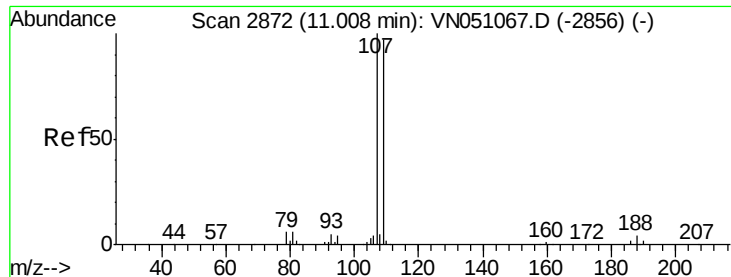
Tot Ion: 43 Resp: 1030060
Ion Ratio Lower Upper
43 100
58 58.3 29.3 88.0



#60
Dibromochloromethane
Concen: 50.32 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion: 129 Resp: 423475
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.12 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

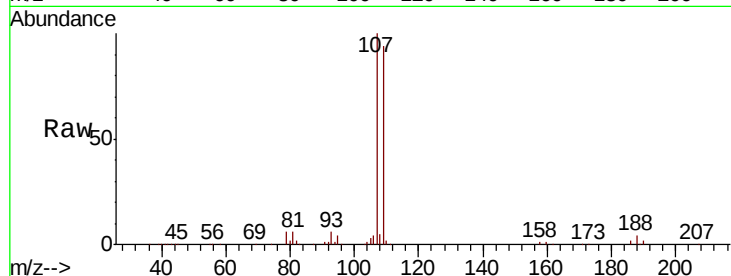
ICVVN091018

Tot Ion:107 Resp: 365781

Ion Ratio Lower Upper

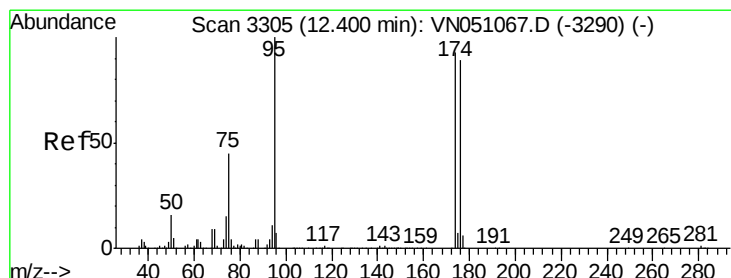
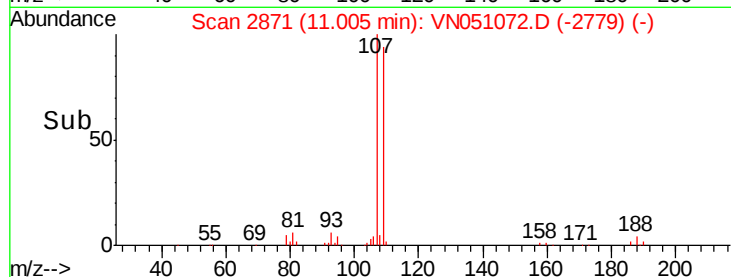
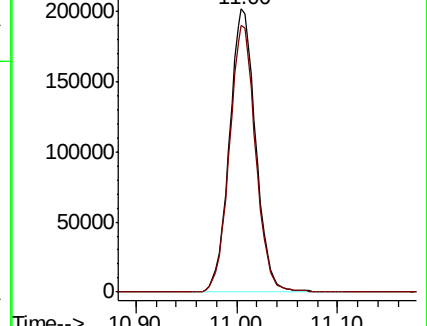
107 100

109 93.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.46 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

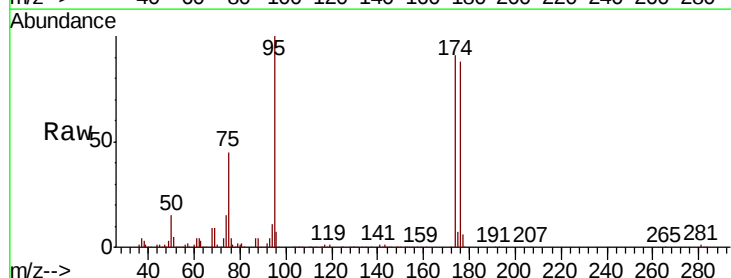
Tgt Ion: 95 Resp: 494511

Ion Ratio Lower Upper

95 100

174 91.1 0.0 184.8

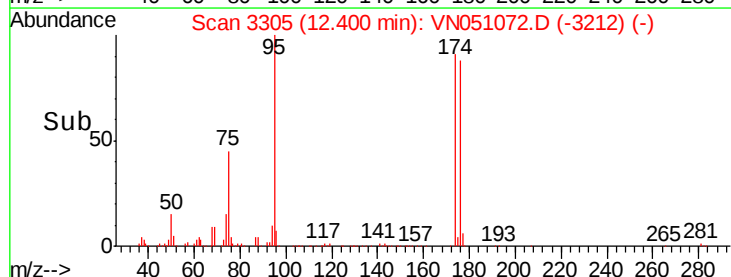
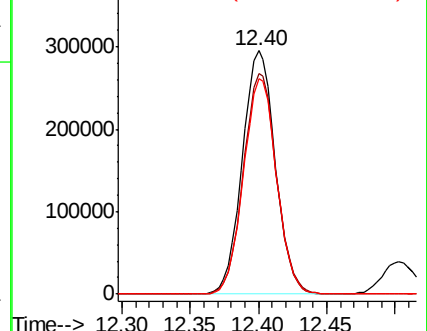
176 88.9 0.0 178.6

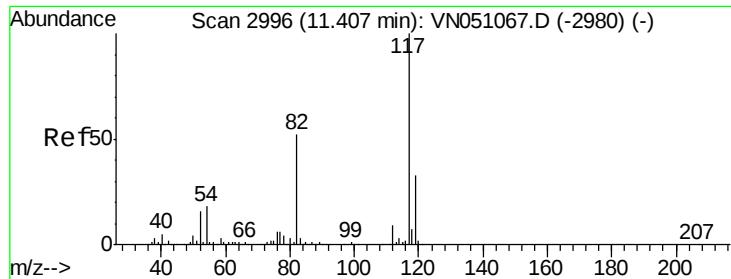


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

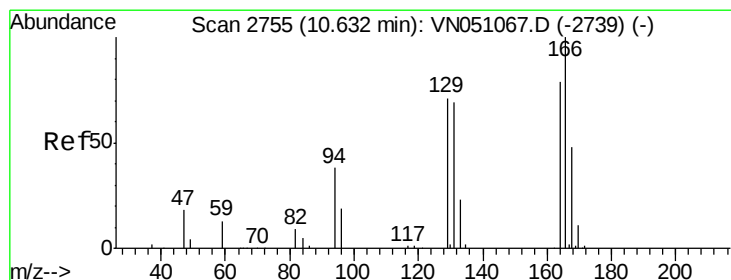
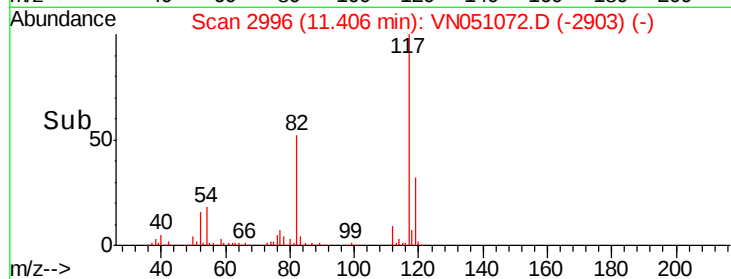
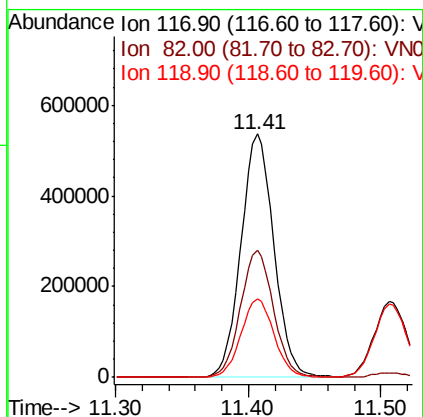
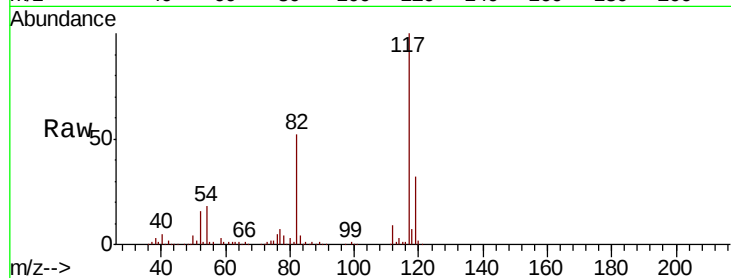




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

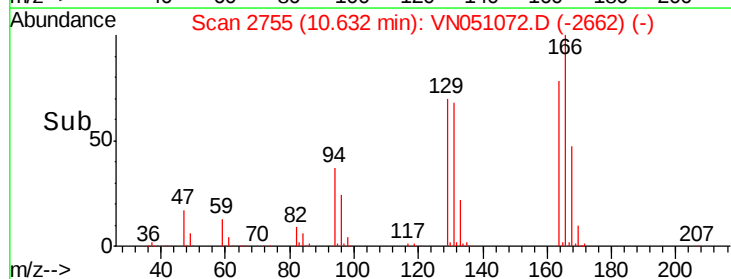
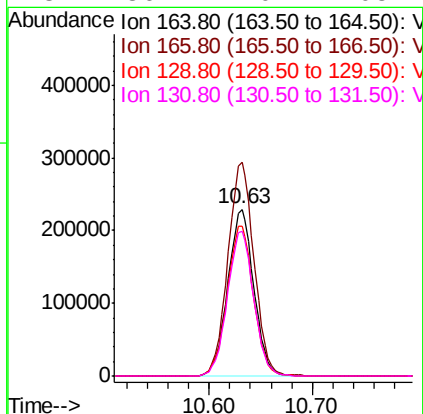
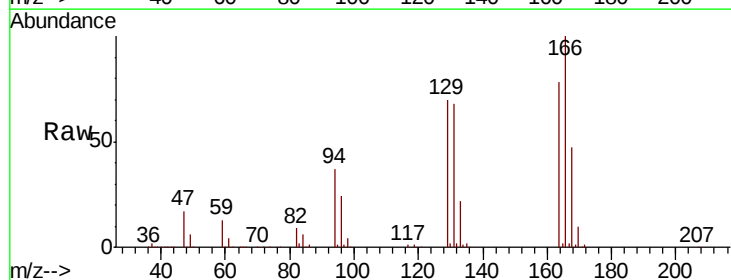
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091018

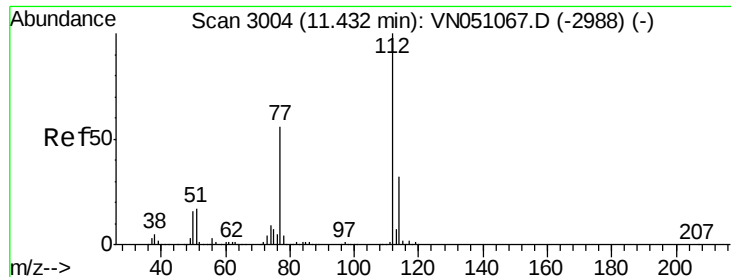
Tot Ion:117 Resp: 926619
Ion Ratio Lower Upper
117 100
82 52.0 41.8 62.6
119 32.2 26.2 39.2



#64
Tetrachloroethene
Concen: 47.73 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion:164 Resp: 403564
Ion Ratio Lower Upper
164 100
166 128.3 101.3 151.9
129 89.9 72.2 108.2
131 86.7 70.2 105.2

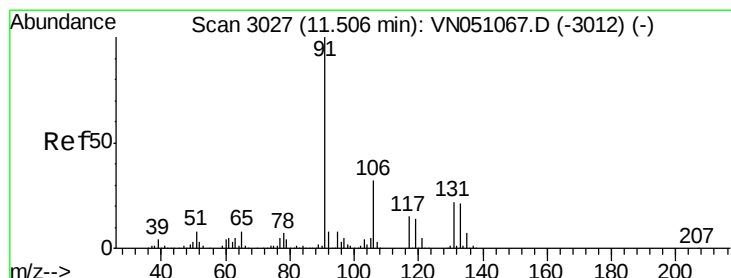
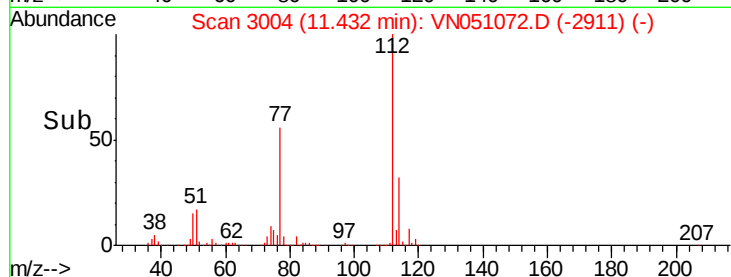
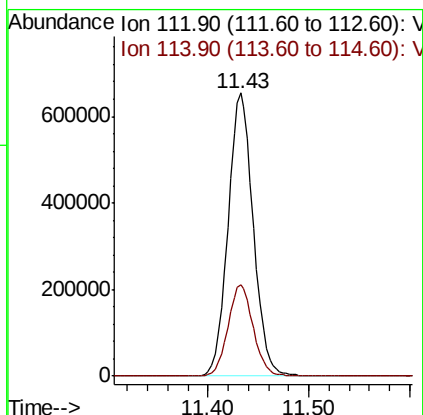
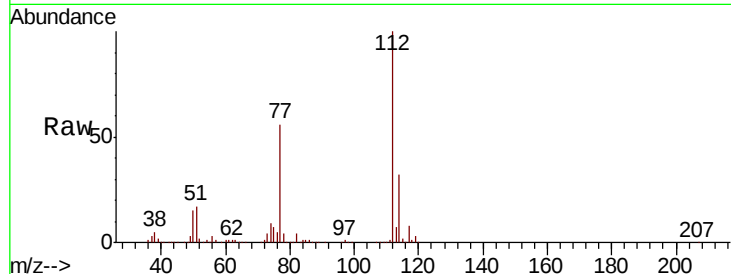




#65
Chlorobenzene
Concen: 48.70 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

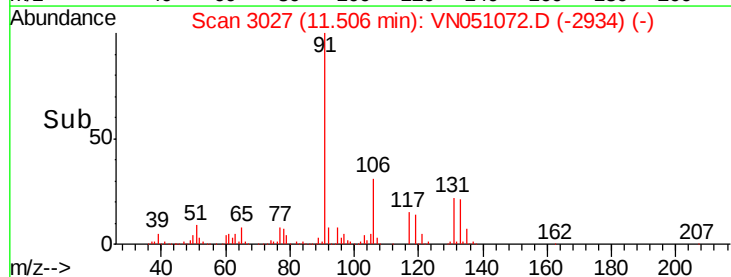
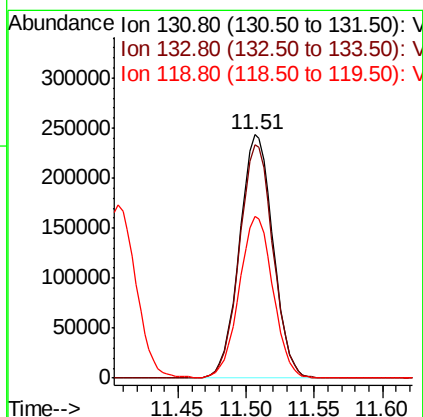
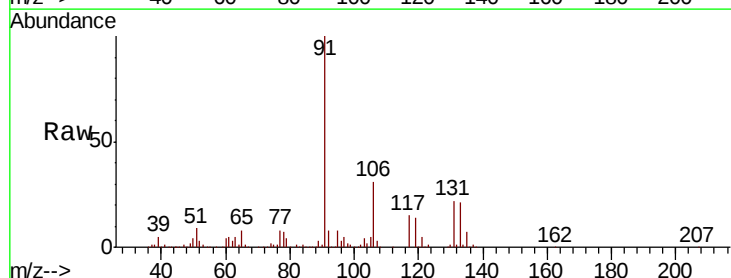
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091018

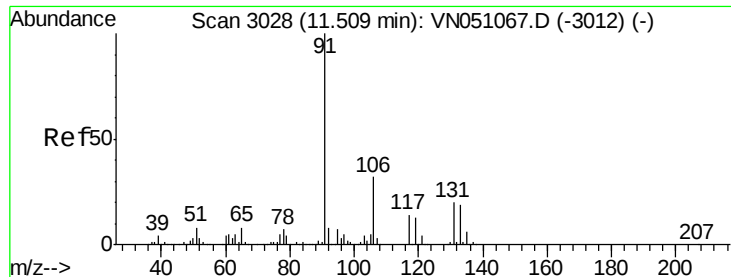
Tot Ion:112 Resp: 1137581
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.50 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion:131 Resp: 416295
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 66.7 33.2 99.6

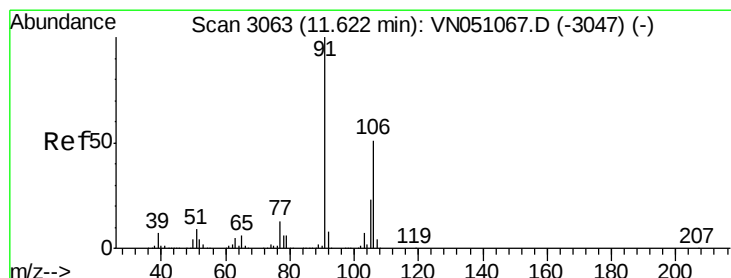
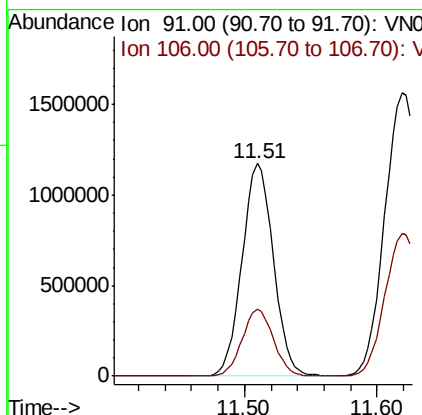
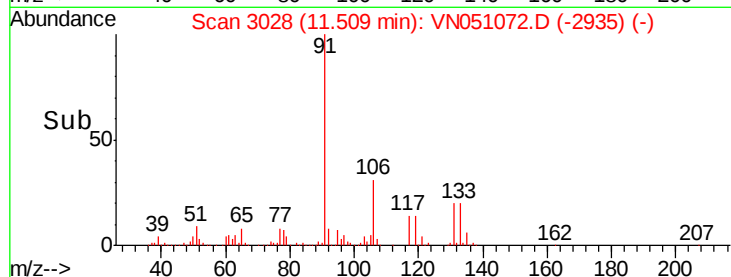
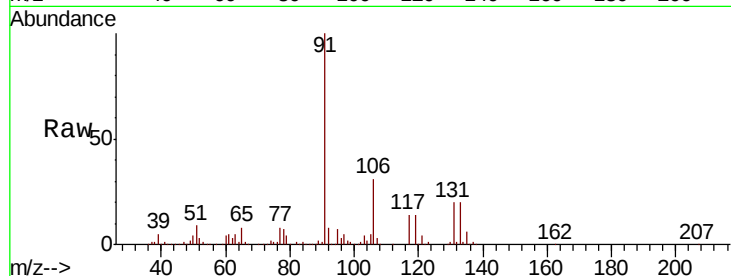




#67
Ethyl Benzene
Concen: 51.10 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

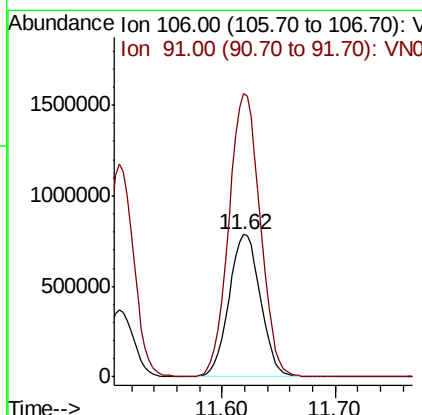
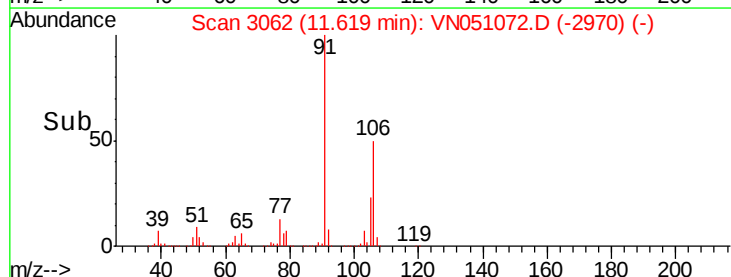
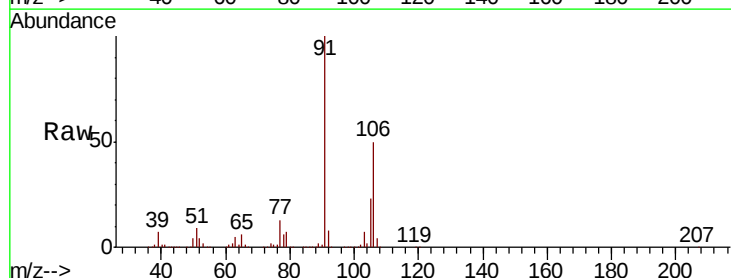
Instrument :
MSVOA_N
ClientSampleId :
ICVVN091018

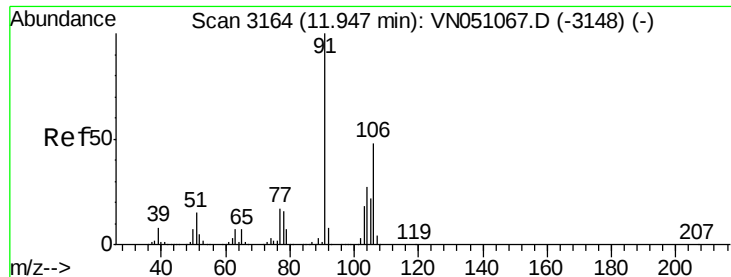
Tot Ion: 91 Resp: 1932773
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 104.62 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion:106 Resp: 1520462
Ion Ratio Lower Upper
106 100
91 198.6 159.8 239.6

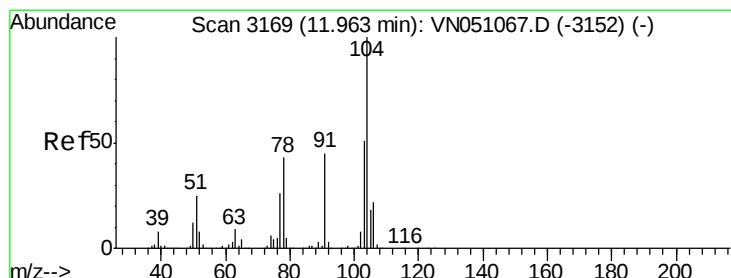
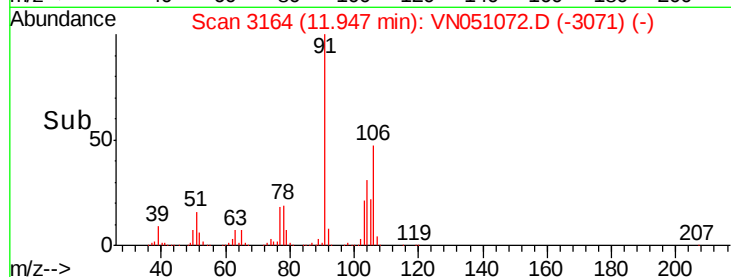
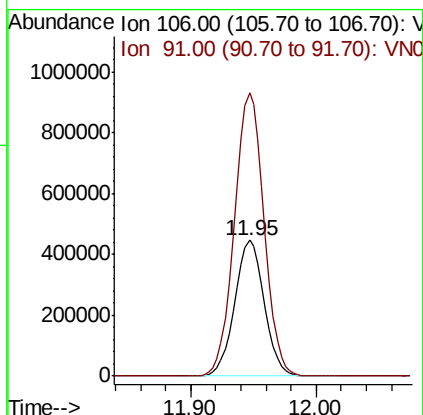
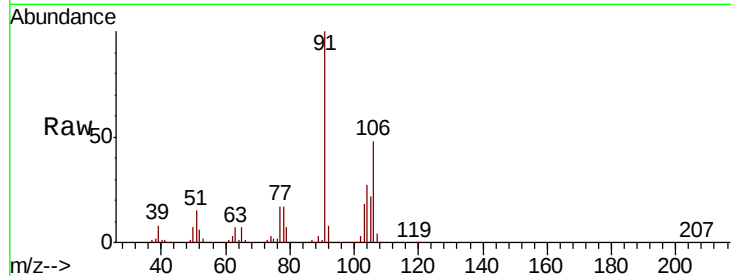




#69
o-Xylene
Concen: 51.71 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

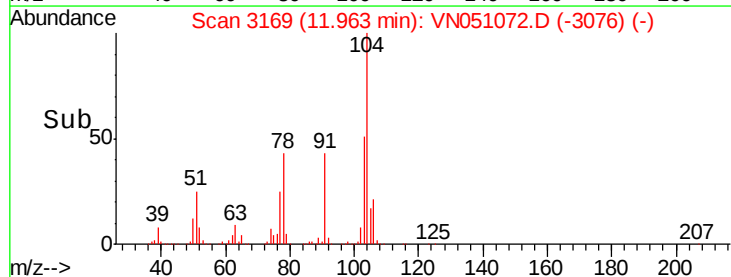
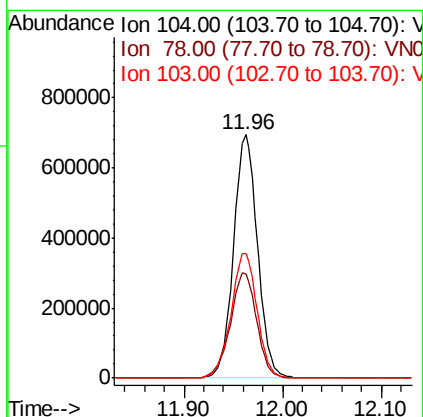
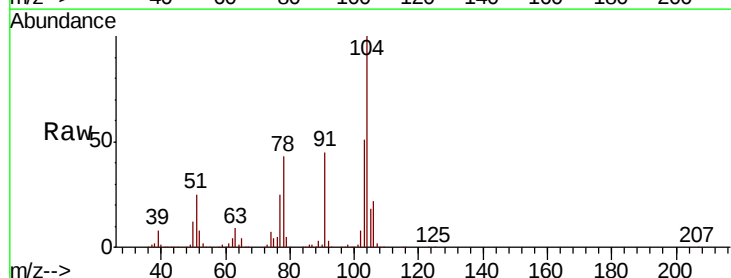
Instrument :
MSVOA_N
ClientSampled :
ICVFN091018

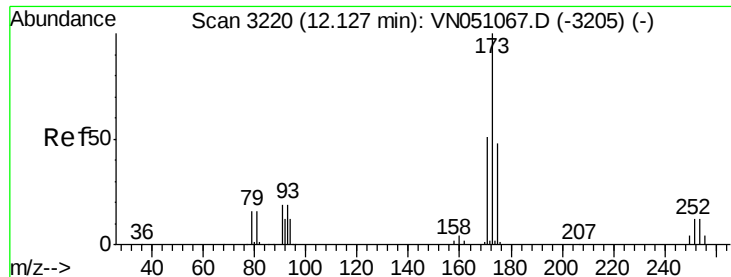
Tot Ion:106 Resp: 727771
Ion Ratio Lower Upper
106 100
91 209.7 105.1 315.1



#70
Styrene
Concen: 53.81 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion:104 Resp: 1174716
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.9 44.6 67.0

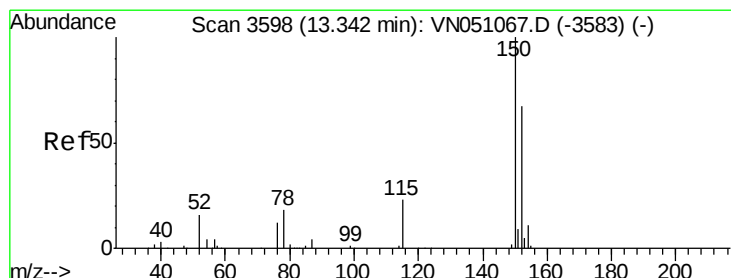
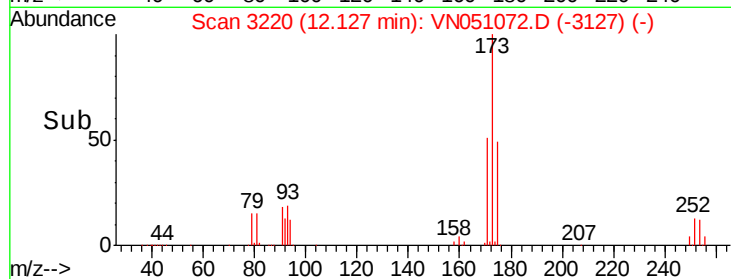
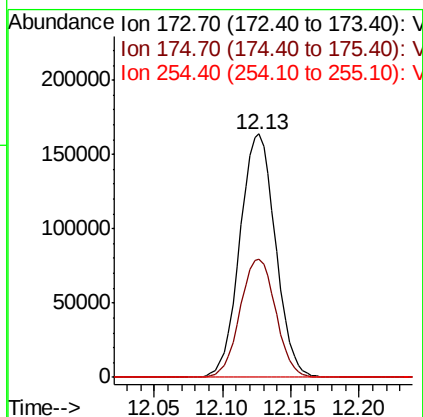
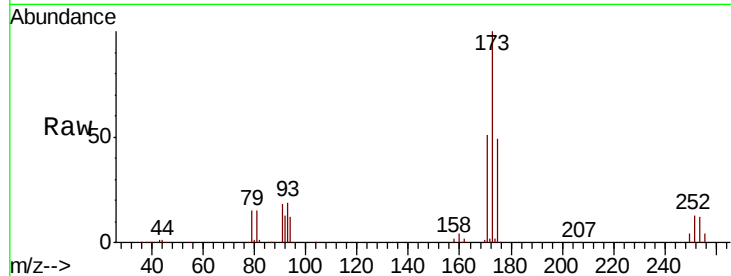




#71
 Bromoform
 Concen: 50.13 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

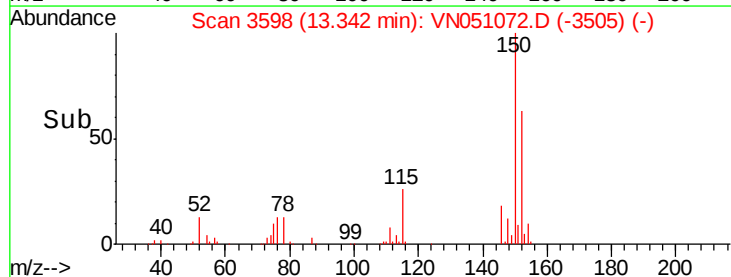
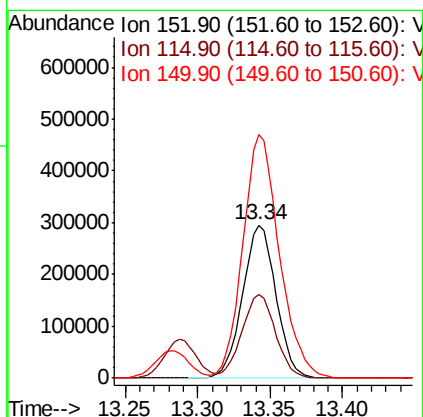
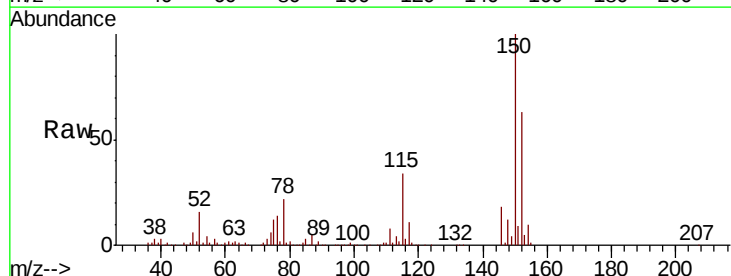
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091018

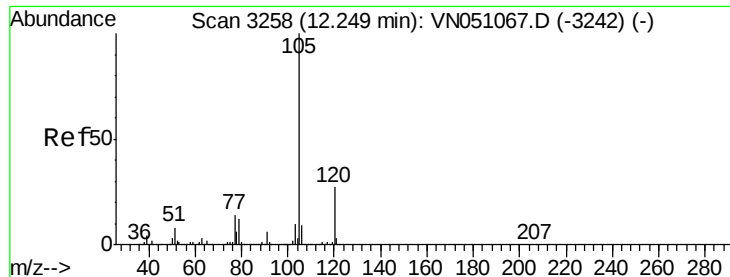
Tot Ion:173 Resp: 296801
 Ion Ratio Lower Upper
 173 100
 175 48.7 24.3 72.9
 254 0.1 0.0 0.0#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

Tgt Ion:152 Resp: 472239
 Ion Ratio Lower Upper
 152 100
 115 55.0 28.2 84.7
 150 174.5 0.0 349.0





#73

Isopropylbenzene

Concen: 48.32 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

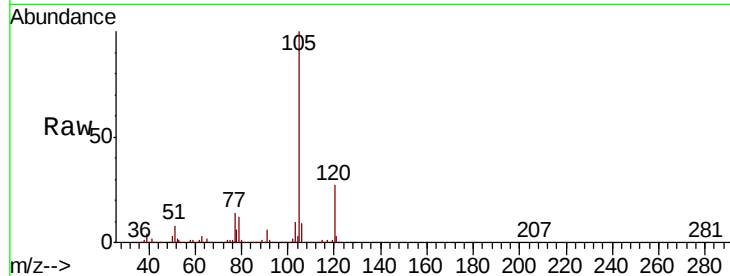
ICVVN091018

Tot Ion:105 Resp: 1913524

Ion Ratio Lower Upper

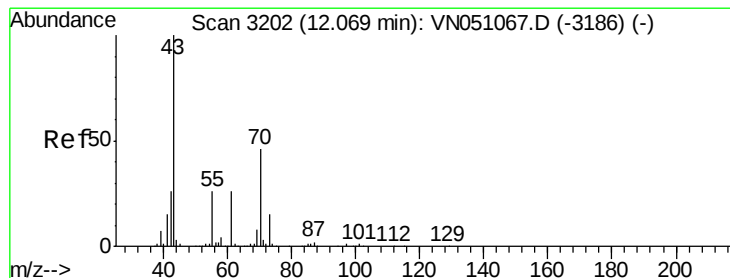
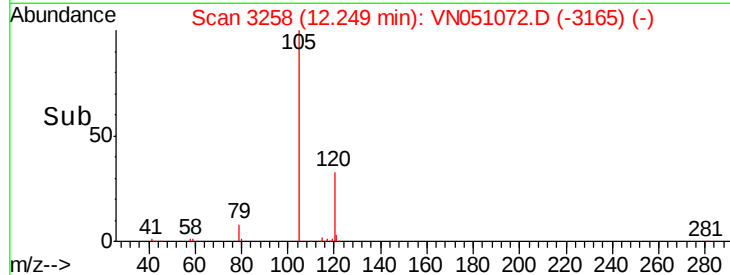
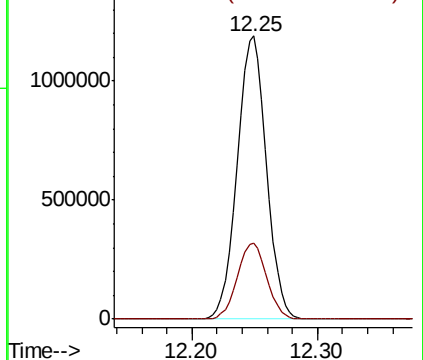
105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.34 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Tgt Ion: 43 Resp: 471857

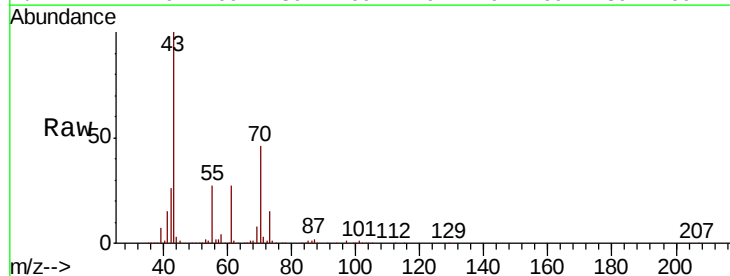
Ion Ratio Lower Upper

43 100

70 46.1 37.0 55.4

55 27.1 21.3 31.9

61 26.5 20.7 31.1

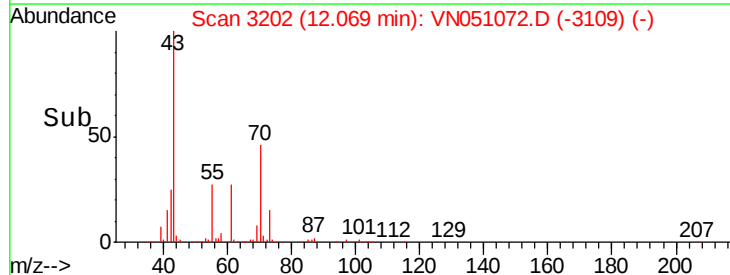
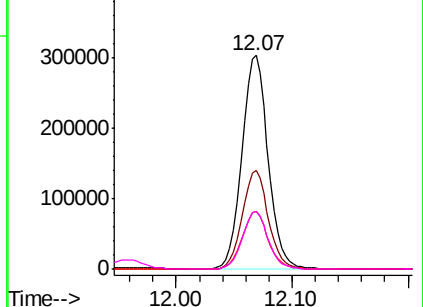


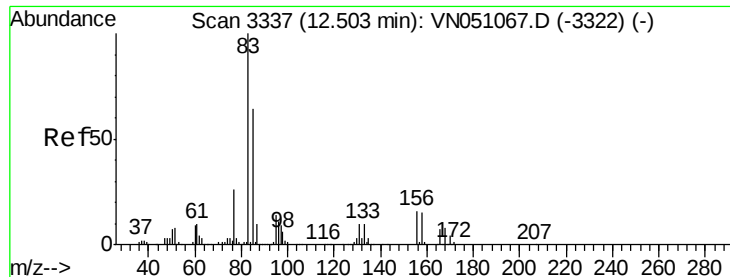
Abundance Ion 43.00 (42.70 to 43.70): V

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: 49.50 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091018

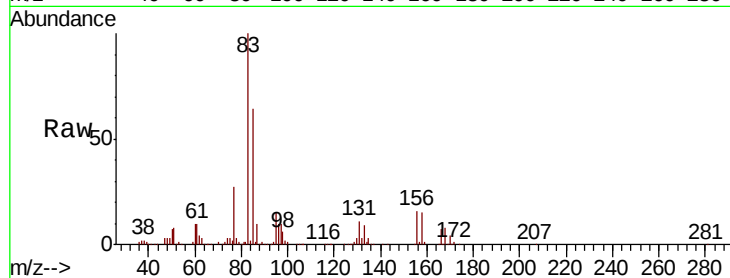
Tot Ion: 83 Resp: 449929

Ion Ratio Lower Upper

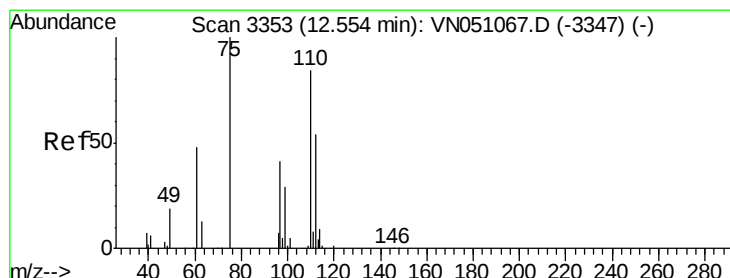
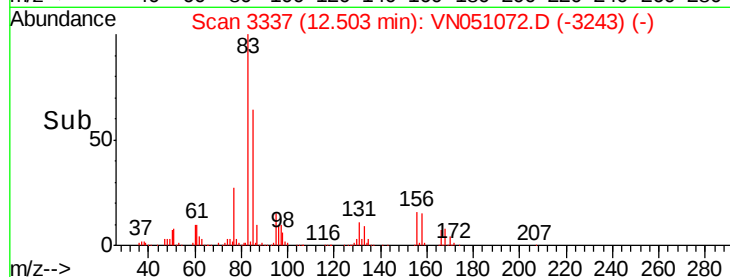
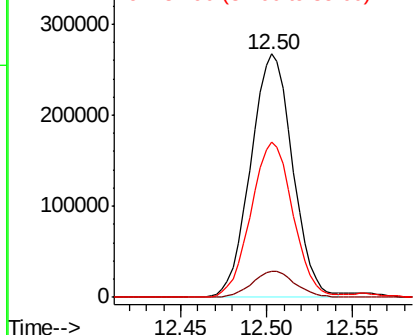
83 100

131 11.0 5.3 16.1

85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 74.11 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN051072.D

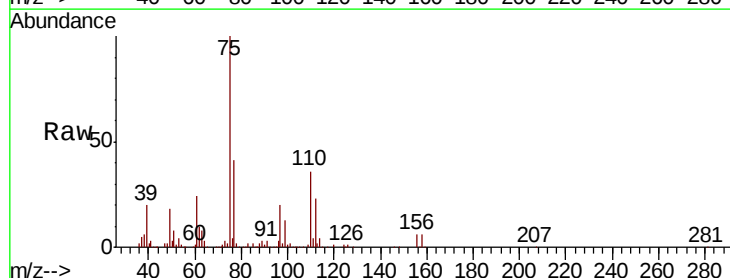
Acq: 10 Sep 2018 12:29

Tgt Ion: 75 Resp: 537371

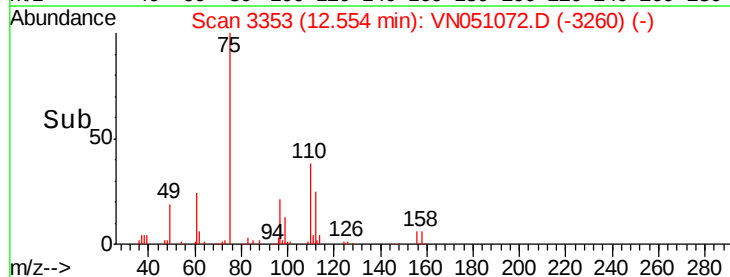
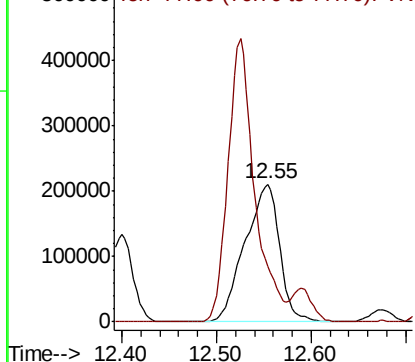
Ion Ratio Lower Upper

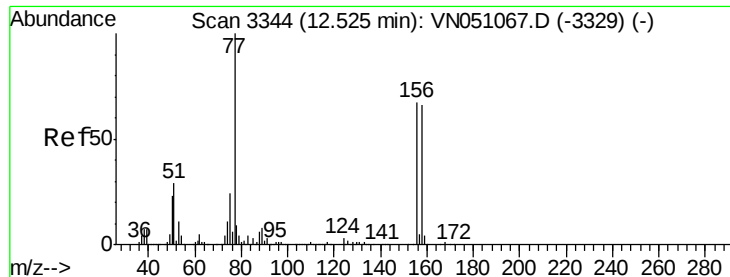
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 46.53 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091018

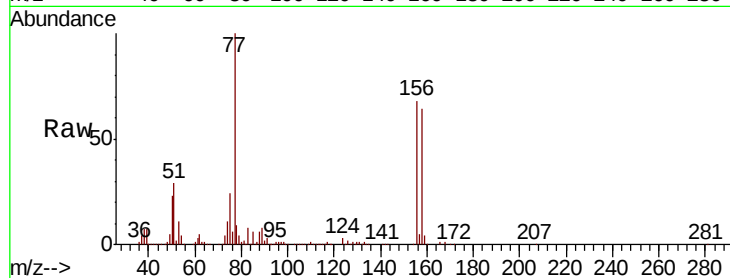
Tot Ion:156 Resp: 494922

Ion Ratio Lower Upper

156 100

77 172.1 87.5 262.6

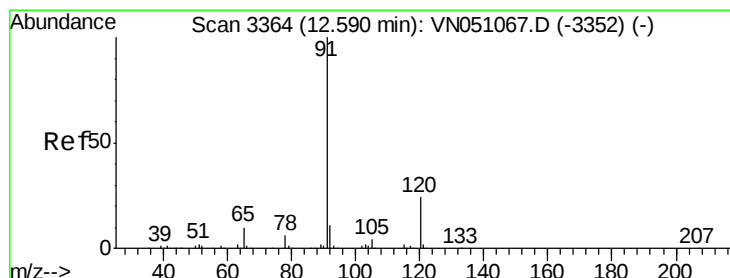
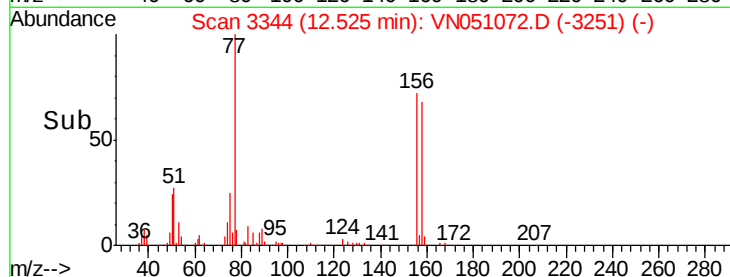
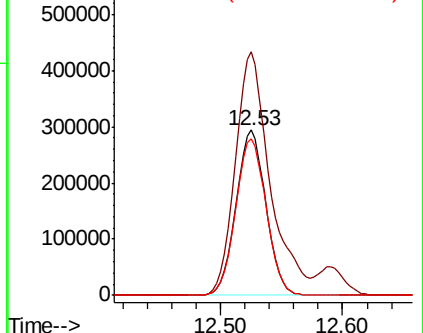
158 96.8 49.0 147.2



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: 49.38 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051072.D

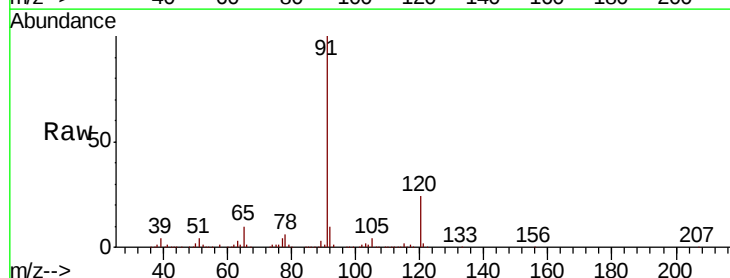
Acq: 10 Sep 2018 12:29

Tgt Ion: 91 Resp: 2149624

Ion Ratio Lower Upper

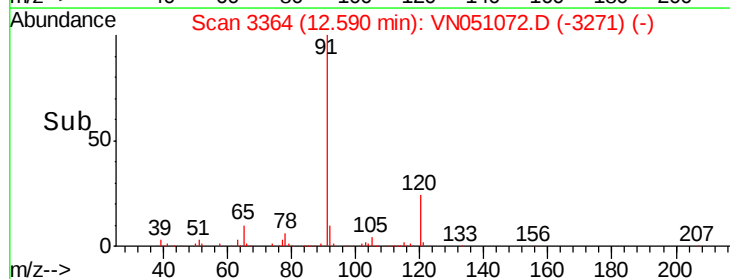
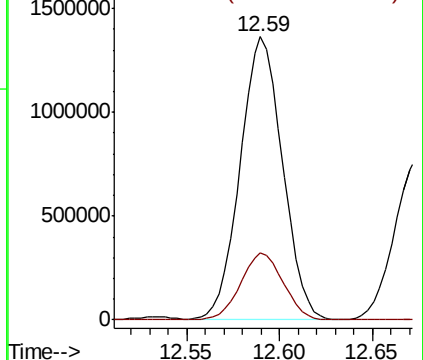
91 100

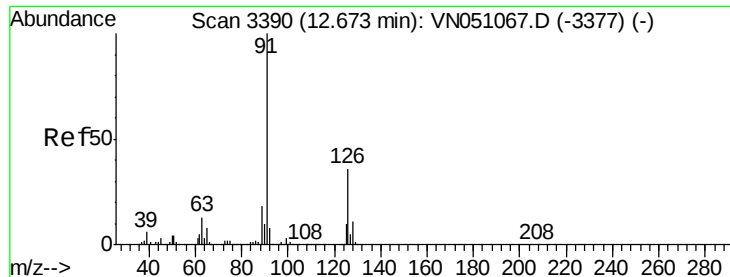
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

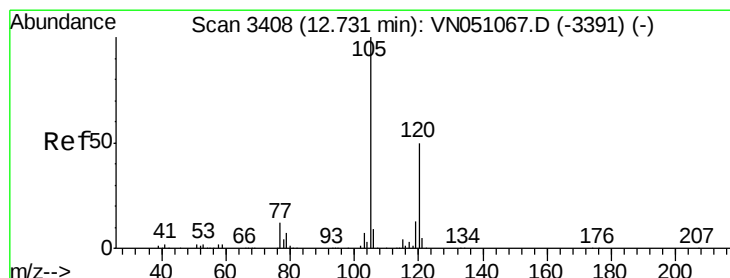
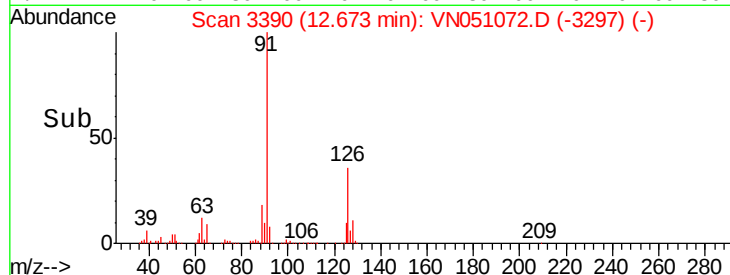
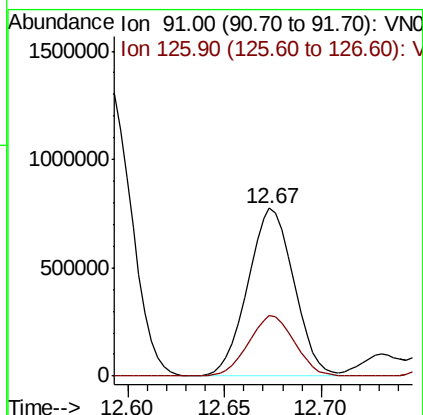
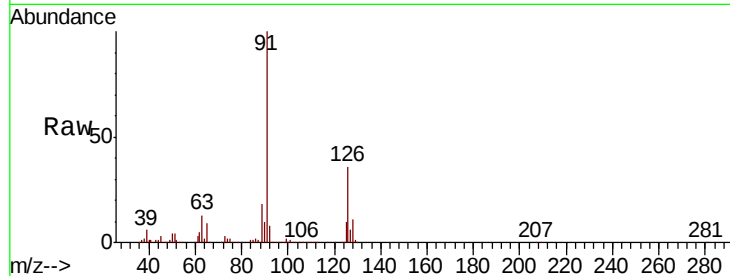




#79
 2-Chlorotoluene
 Concen: 47.04 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

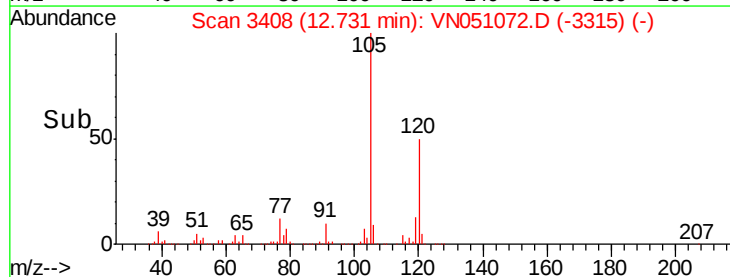
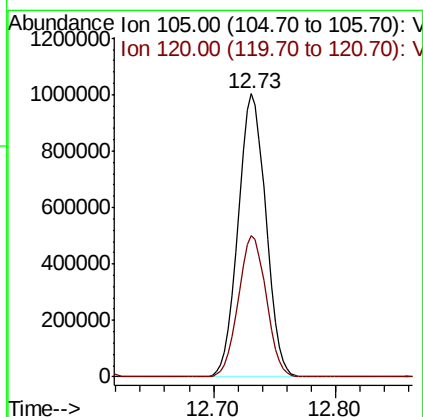
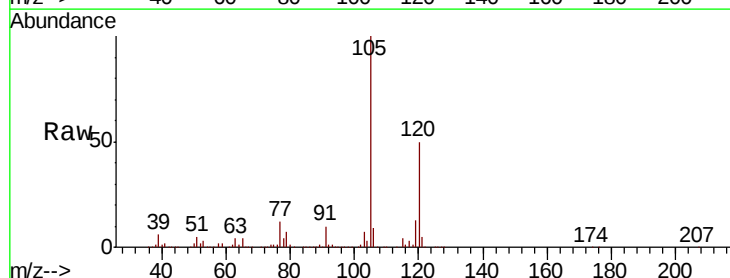
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091018

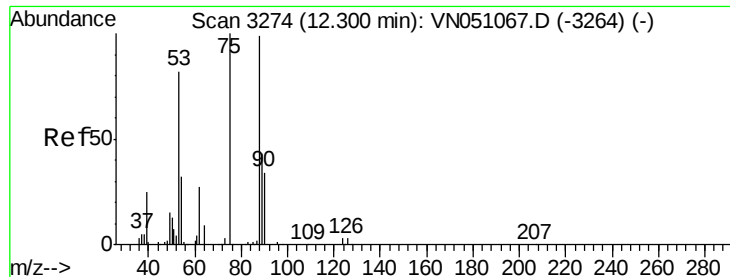
Tot Ion: 91 Resp: 1279822
 Ion Ratio Lower Upper
 91 100
 126 36.1 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 48.93 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

Tgt Ion: 105 Resp: 1566722
 Ion Ratio Lower Upper
 105 100
 120 50.1 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.29 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091018

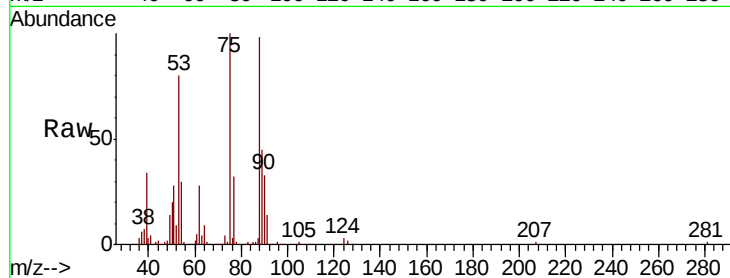
Tot Ion: 75 Resp: 120070

Ion Ratio Lower Upper

75 100

53 82.6 67.8 101.8

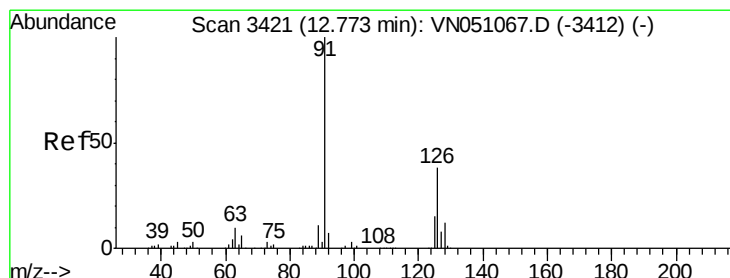
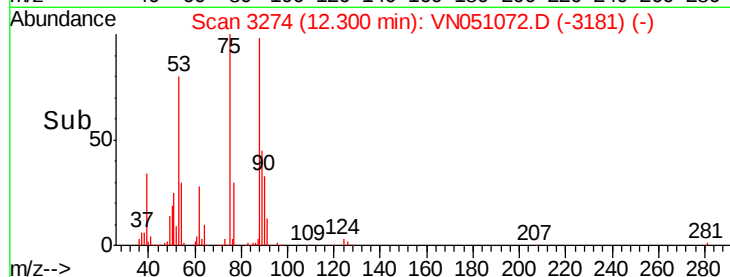
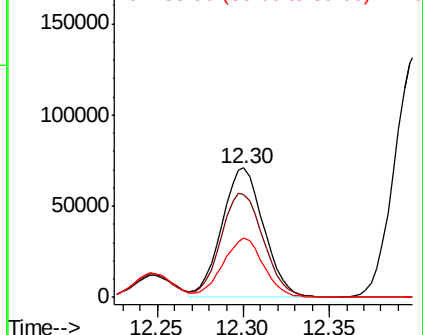
89 44.8 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 47.35 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN051072.D

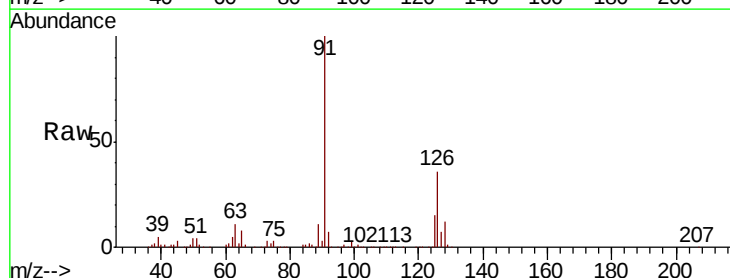
Acq: 10 Sep 2018 12:29

Tgt Ion: 91 Resp: 1278946

Ion Ratio Lower Upper

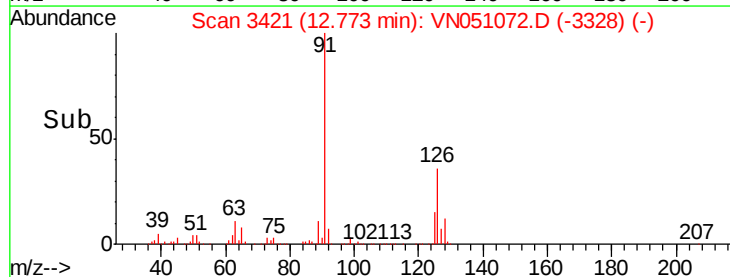
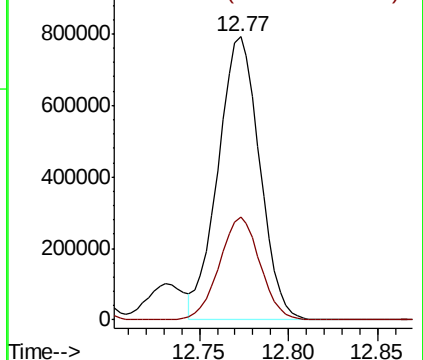
91 100

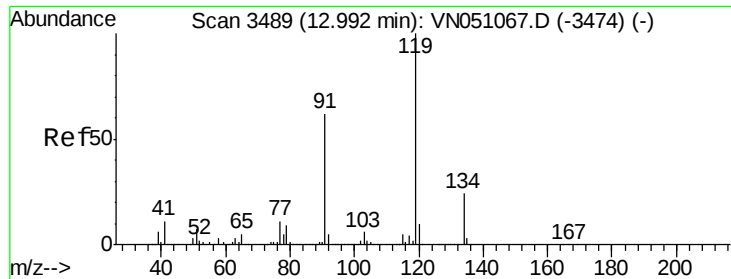
126 35.6 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

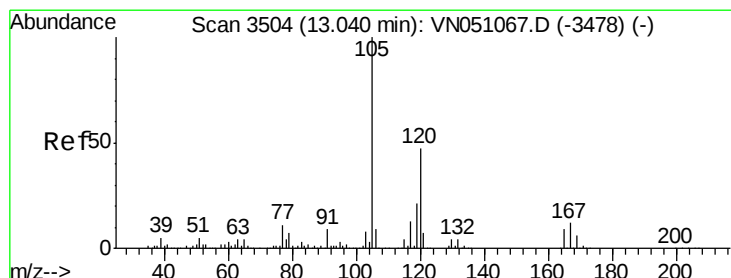
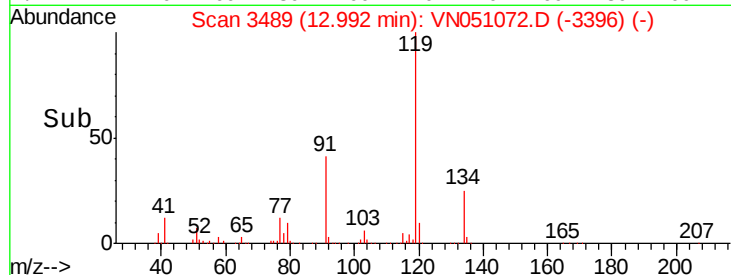
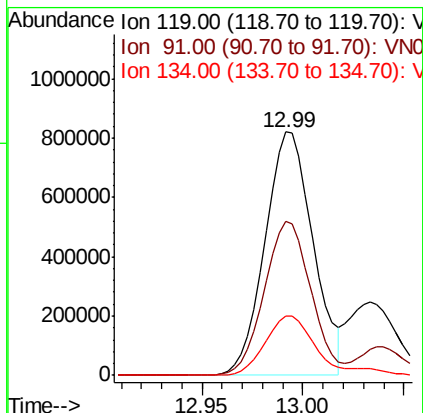
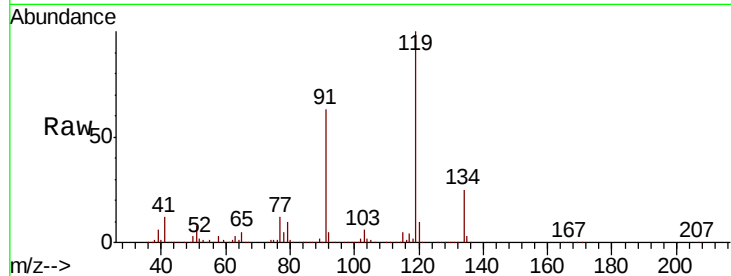




#83
 tert-Butylbenzene
 Concen: 48.10 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

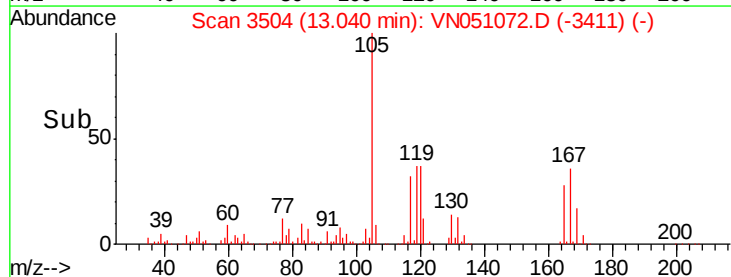
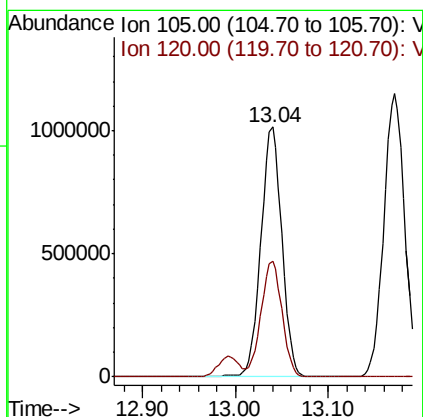
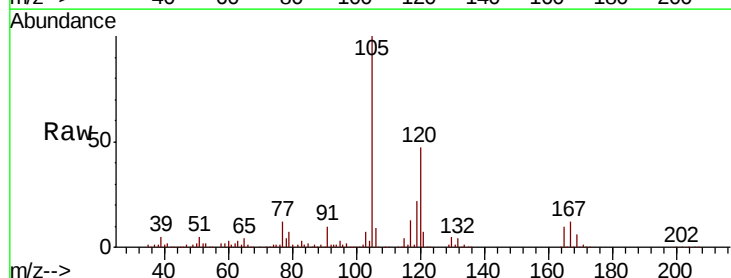
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN091018

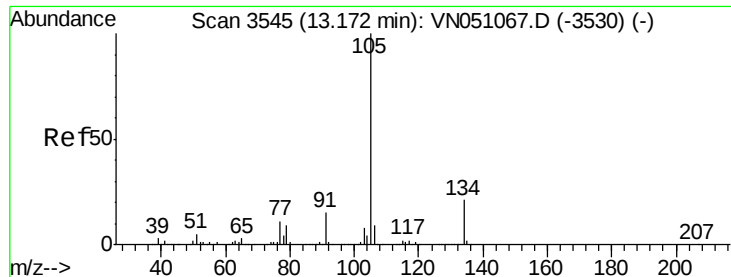
Tot Ion:119 Resp: 1359654
 Ion Ratio Lower Upper
 119 100
 91 61.3 30.8 92.3
 134 24.8 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.67 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

Tgt Ion:105 Resp: 1595257
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.8





#85

sec-Butylbenzene

Concen: 49.46 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampled :

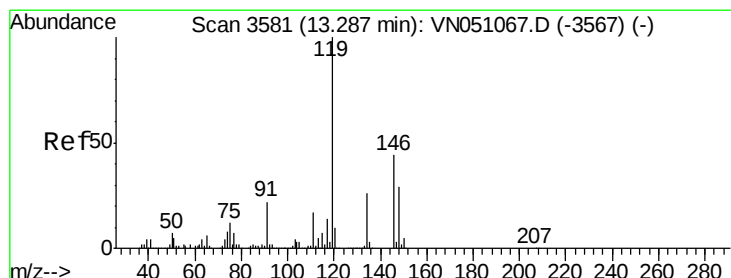
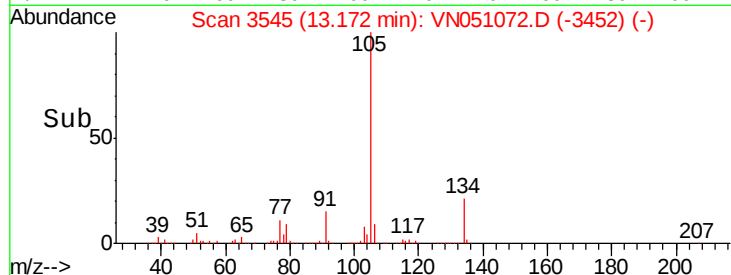
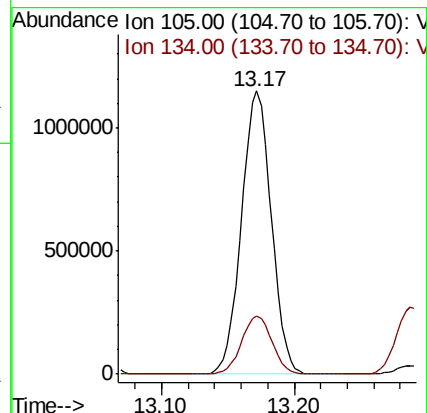
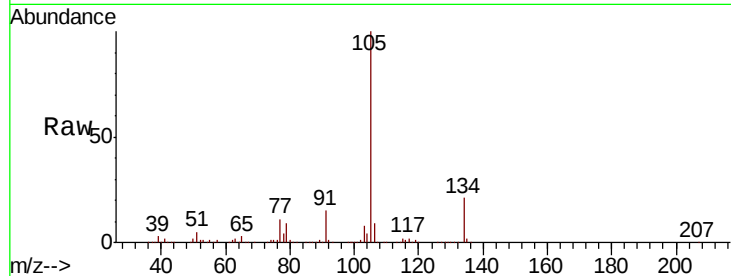
ICVVN091018

Tot Ion:105 Resp: 1792923

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.4



#86

p-Isopropyltoluene

Concen: 52.09 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

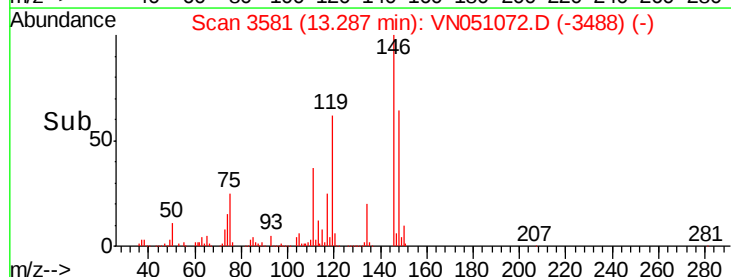
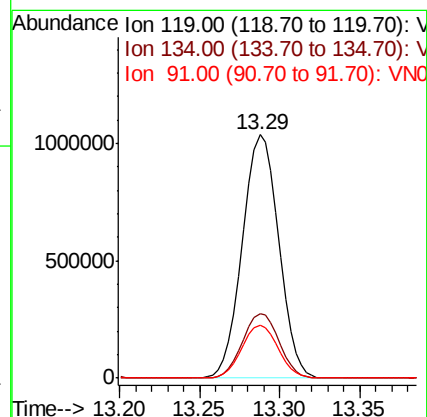
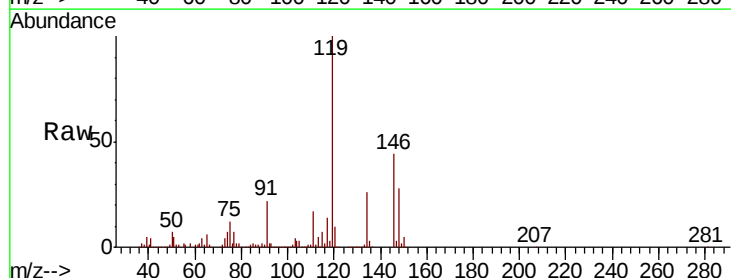
Tgt Ion:119 Resp: 1601009

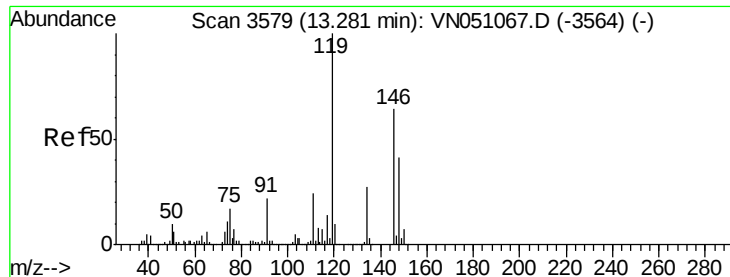
Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 47.05 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICVVN091018

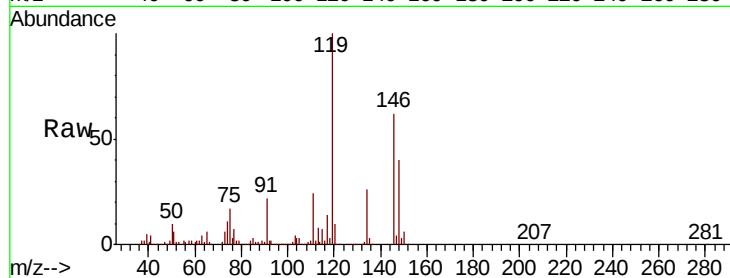
Tot Ion:146 Resp: 849084

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

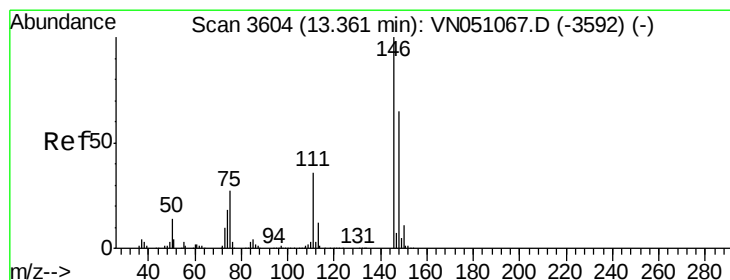
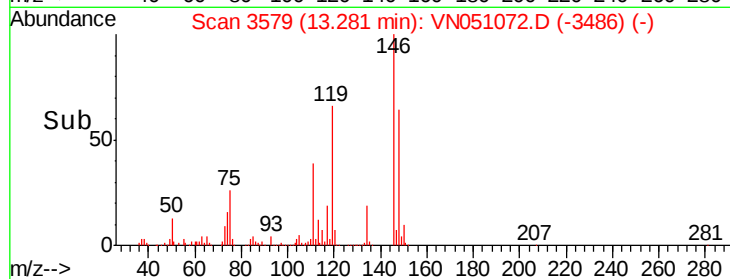
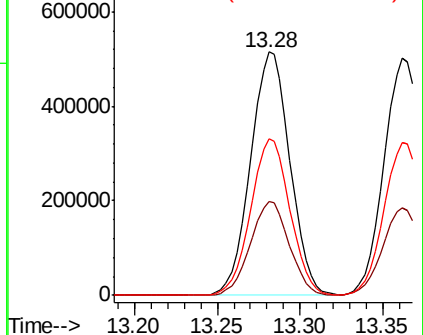
148 64.0 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.56 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

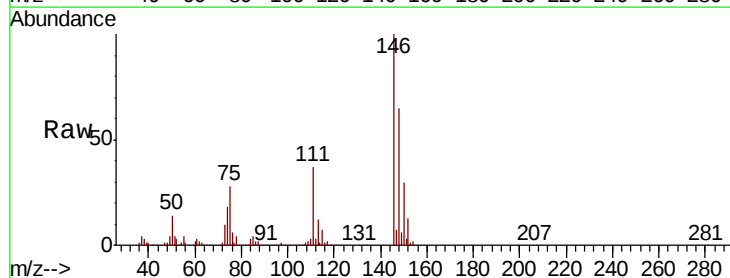
Tgt Ion:146 Resp: 821167

Ion Ratio Lower Upper

146 100

111 37.4 18.4 55.0

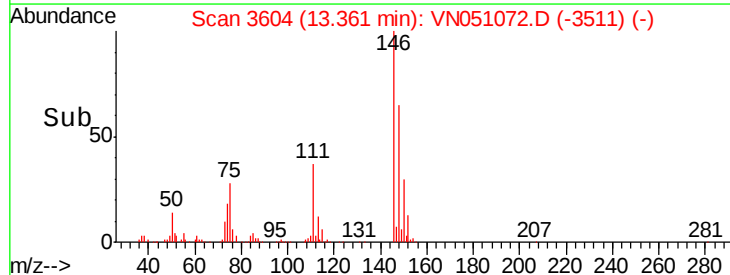
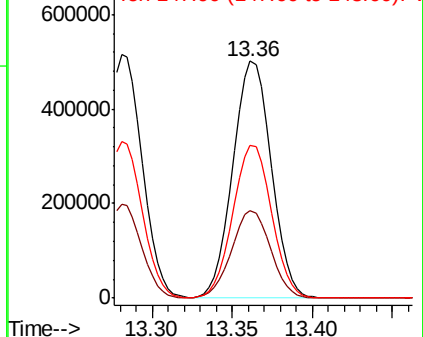
148 64.8 32.2 96.6

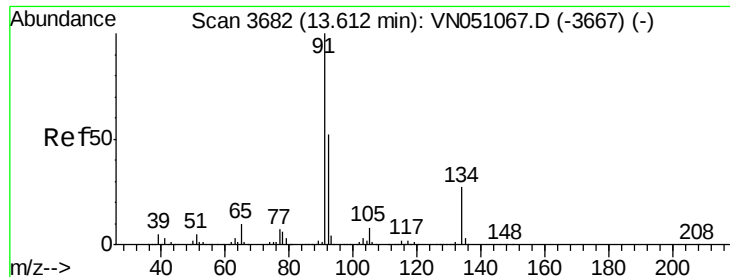


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

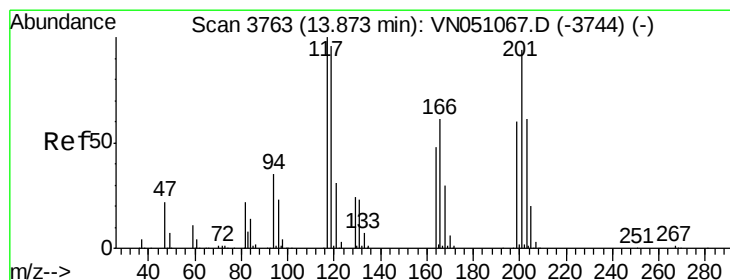
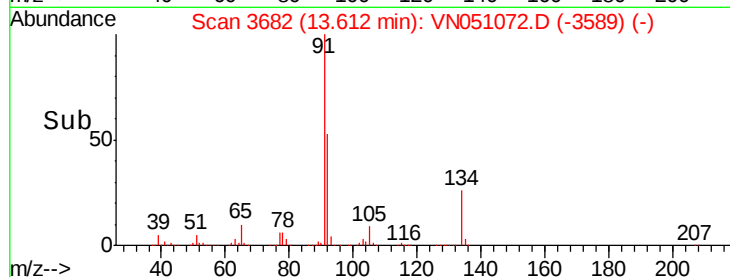
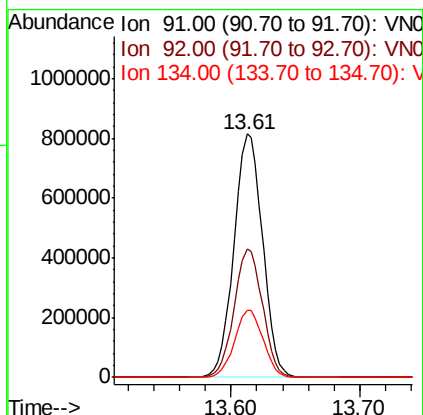
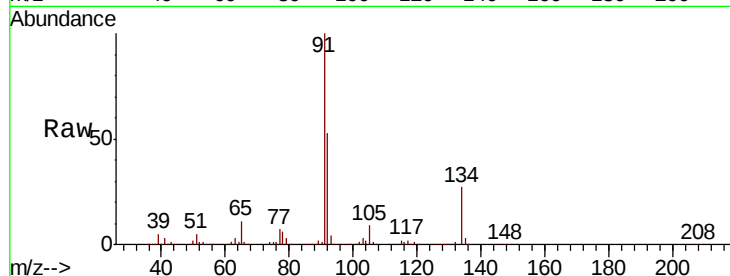




#89
n-Butylbenzene
Concen: 52.47 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

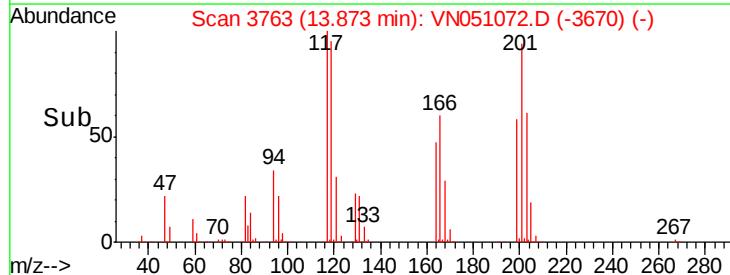
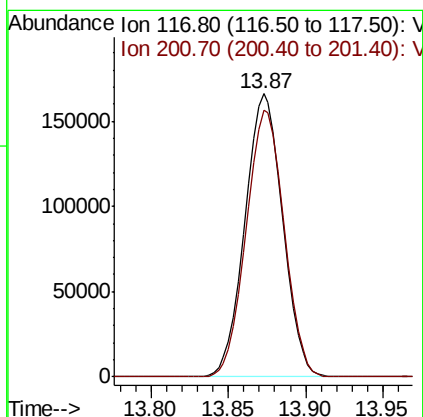
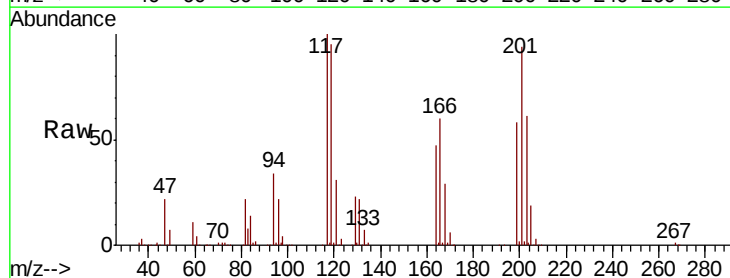
Instrument :
MSVOA_N
ClientSampled :
ICVVN091018

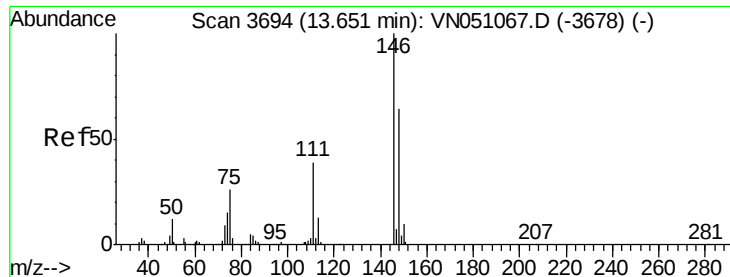
Tot Ion: 91 Resp: 1255164
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.6
134 27.4 13.7 41.1



#90
Hexachloroethane
Concen: 50.43 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN051072.D
Acq: 10 Sep 2018 12:29

Tgt Ion: 117 Resp: 282188
Ion Ratio Lower Upper
117 100
201 94.7 47.3 142.0

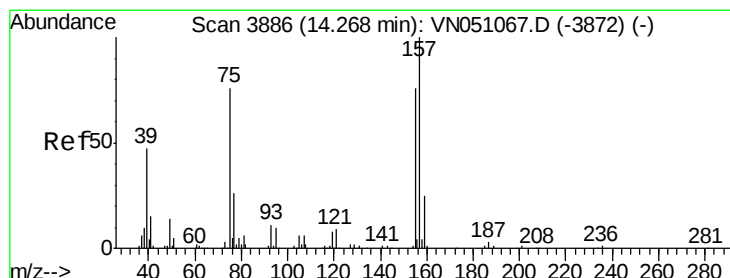
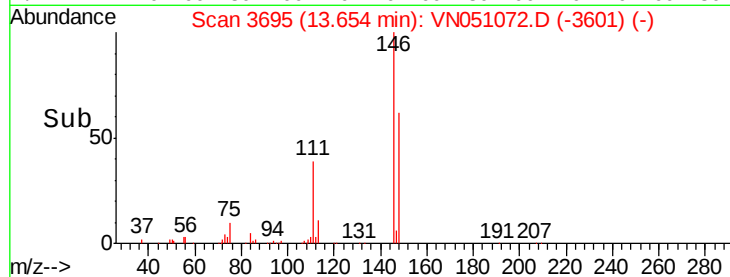
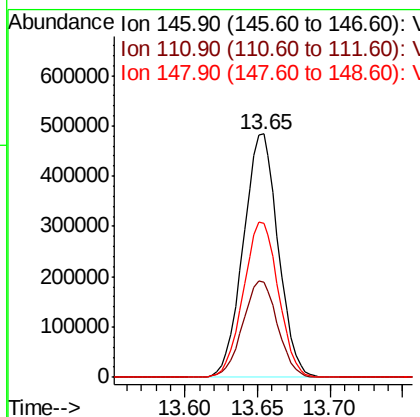
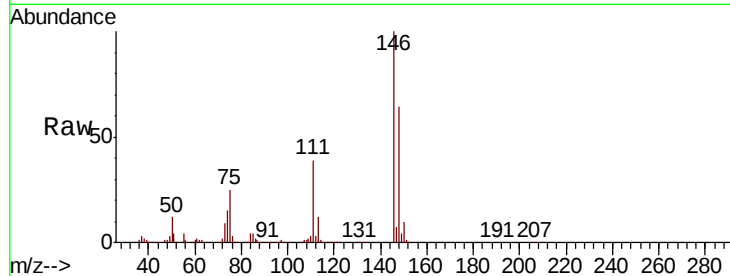




#91
 1,2-Dichlorobenzene
 Concen: 45.97 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

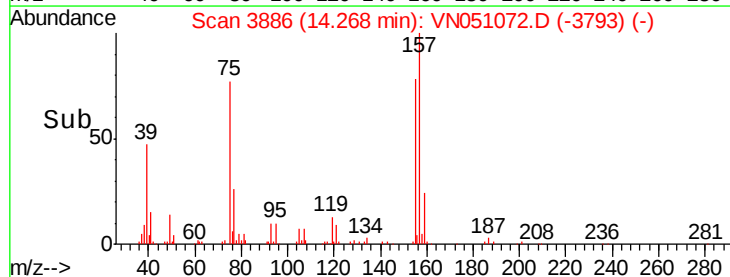
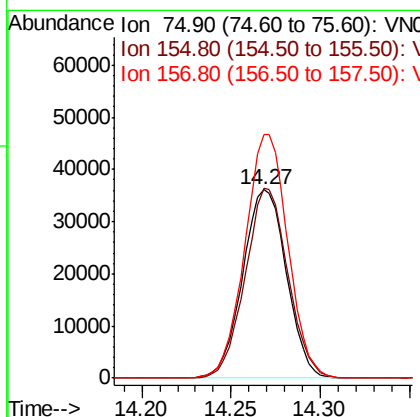
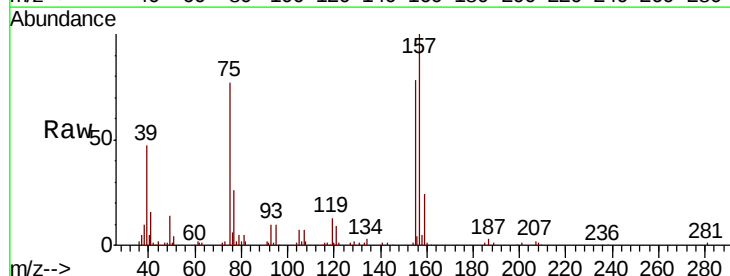
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091018

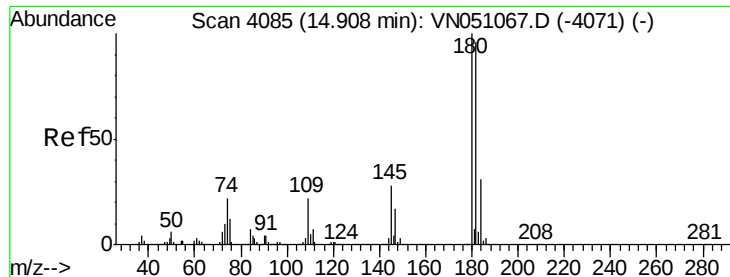
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.7	59.0
148	64.4	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.79 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.4	48.7	146.1
157	126.8	63.6	190.9

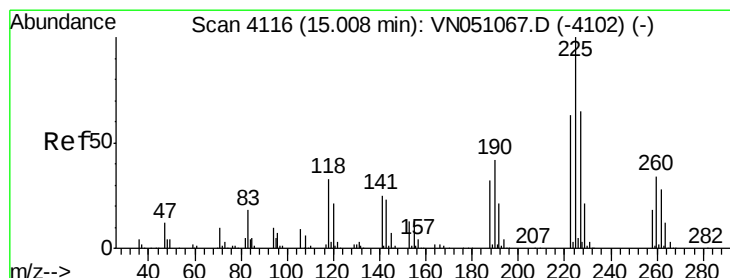
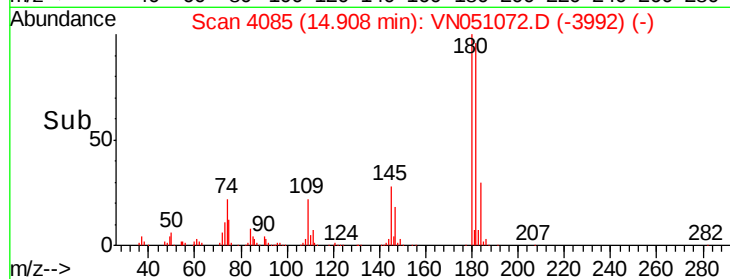
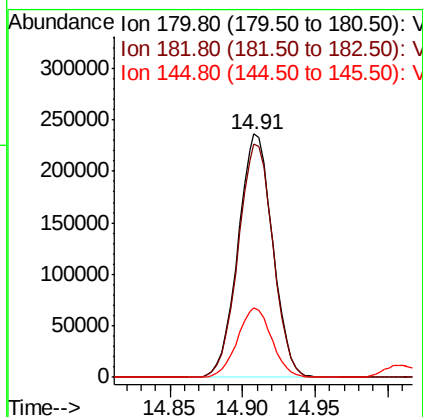
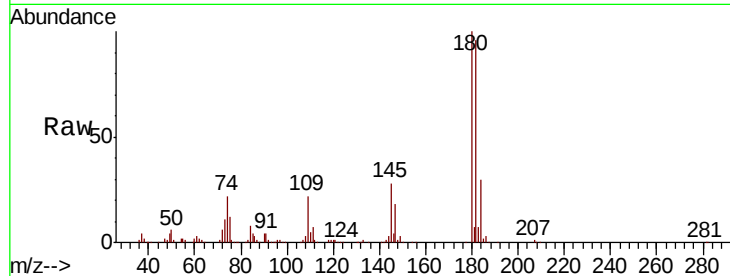




#93
 1,2,4-Trichlorobenzene
 Concen: 46.29 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

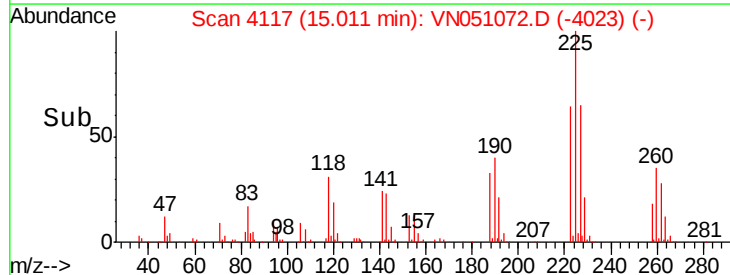
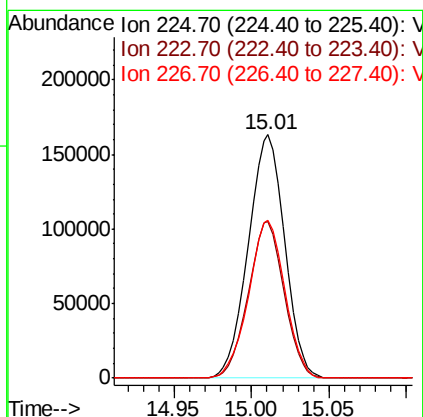
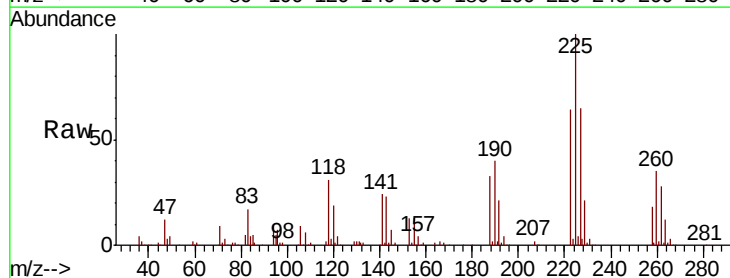
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN091018

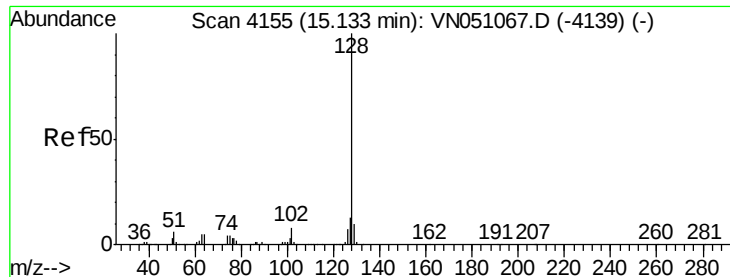
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.7	47.3	141.8
145	28.3	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 52.41 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN051072.D
 Acq: 10 Sep 2018 12:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.0
227	64.4	32.1	96.3





#95

Naphthalene

Concen: 43.69 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

Instrument :

MSVOA_N

ClientSampleId :

ICV091018

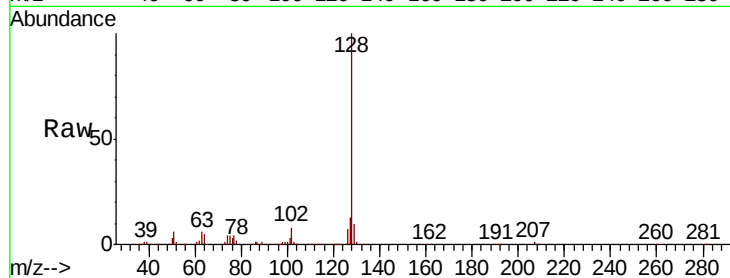
Tot Ion:128 Resp: 762345

Ion Ratio Lower Upper

128 100

127 12.9 10.6 15.8

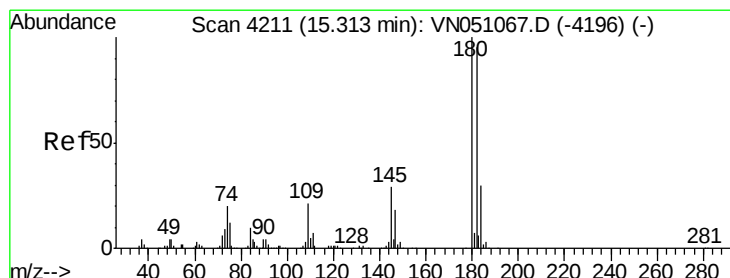
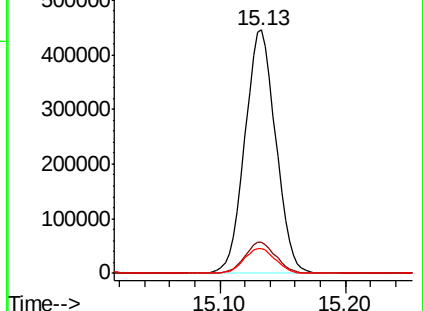
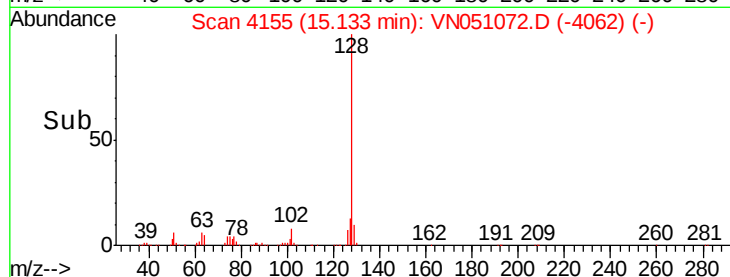
129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.07 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN051072.D

Acq: 10 Sep 2018 12:29

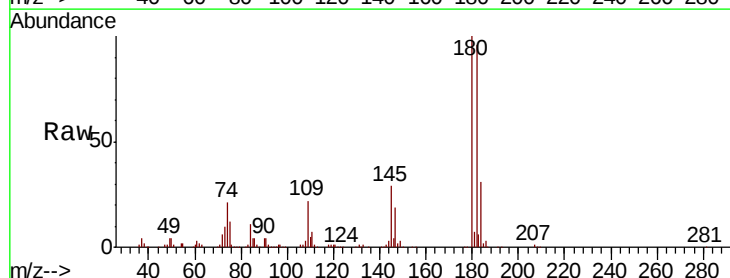
Tgt Ion:180 Resp: 380656

Ion Ratio Lower Upper

180 100

182 96.2 47.8 143.3

145 29.6 14.6 43.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

