

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052310.D
 Acq On : 14 Nov 2018 13:16
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111418

Quant Time: Nov 15 03:24:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	314906	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	521971	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	461007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	218746	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	216030	48.57	ug/l	0.00
Spiked Amount			Recovery	=	97.14%	
35) Dibromofluoromethane	7.59	113	170340	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
50) Toluene-d8	10.09	98	654536	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	225073	51.66	ug/l	0.00
Spiked Amount			Recovery	=	103.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	174079	52.167	ug/l	100
3) Chloromethane	2.06	50	227112	48.975	ug/l	99
4) Vinyl Chloride	2.19	62	192996	48.146	ug/l	99
5) Bromomethane	2.56	94	117005	46.820	ug/l	99
6) Chloroethane	2.70	64	106318	46.909	ug/l	96
7) Trichlorofluoromethane	3.02	101	270790	48.818	ug/l	99
8) Diethyl Ether	3.41	74	102711	48.584	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.76	101	170301	48.615	ug/l	98
10) Methyl Iodide	3.95	142	225024	47.843	ug/l	100
11) Tert butyl alcohol	4.78	59	48799	207.758	ug/l	96
12) 1,1-Dichloroethene	3.74	96	155991	48.120	ug/l	91
13) Acrolein	3.61	56	83177	236.104	ug/l	99
14) Allyl chloride	4.33	41	303433	45.586	ug/l	94
15) Acrylonitrile	4.99	53	321192	239.477	ug/l	99
16) Acetone	3.81	43	292616	238.951	ug/l	96
17) Carbon Disulfide	4.06	76	450763	48.493	ug/l	99
18) Methyl Acetate	4.32	43	165815	48.335	ug/l	100
19) Methyl tert-butyl Ether	5.04	73	464111	49.820	ug/l	100
20) Methylene Chloride	4.55	84	180000	48.291	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	164763	47.208	ug/l	98
22) Diisopropyl ether	5.95	45	659399	48.552	ug/l	100
23) Vinyl Acetate	5.90	43	2335556	253.508	ug/l	99
24) 1,1-Dichloroethane	5.85	63	340358	46.737	ug/l	99
25) 2-Butanone	6.83	43	420182	243.768	ug/l	99
26) 2,2-Dichloropropane	6.82	77	268602	50.160	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	187062	46.041	ug/l	96
28) Bromochloromethane	7.19	49	174064	46.485	ug/l	98
29) Tetrahydrofuran	7.21	42	269068	237.621	ug/l	99
30) Chloroform	7.37	83	327800	47.232	ug/l	96
31) Cyclohexane	7.65	56	328204	48.509	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	275165	46.542	ug/l	98
36) 1,1-Dichloropropene	7.79	75	256112	48.954	ug/l	99
37) Ethyl Acetate	6.93	43	187186	49.300	ug/l	99
38) Carbon Tetrachloride	7.78	117	242150	50.379	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	308169	51.599	ug/l	100
40) Benzene	8.04	78	722460	48.338	ug/l	98
41) Methacrylonitrile	7.17	41	99270	47.291	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	259354	48.663	ug/l	100
43) Isopropyl Acetate	8.17	43	347279	47.399	ug/l	98
44) Trichloroethene	8.83	130	183863	49.942	ug/l	100
45) 1,2-Dichloropropane	9.12	63	203778	48.043	ug/l	99
46) Dibromomethane	9.21	93	119382	48.619	ug/l	99
47) Bromodichloromethane	9.40	83	249806	49.577	ug/l	99
48) Methyl methacrylate	9.20	41	176064	47.358	ug/l	98
49) 1,4-Dioxane	9.20	88	22895	802.237	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	918475	249.041	ug/l	100
52) Toluene	10.16	92	442171	49.455	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	260467	51.254	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	298530	51.531	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	156142	48.174	ug/l	97
56) Ethyl methacrylate	10.43	69	219572	51.512	ug/l	99
57) 1,3-Dichloropropane	10.71	76	278999	48.598	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	613270	252.709	ug/l	100
59) 2-Hexanone	10.75	43	656424	258.766	ug/l	99
60) Dibromochloromethane	10.90	129	173787	49.558	ug/l	100
61) 1,2-Dibromoethane	11.00	107	158859	49.204	ug/l	99
64) Tetrachloroethene	10.63	164	161842	49.380	ug/l	99
65) Chlorobenzene	11.43	112	480222	49.281	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	168807	50.801	ug/l	99
67) Ethyl Benzene	11.51	91	867607	51.299	ug/l	98
68) m/p-Xylenes	11.62	106	648161	104.888	ug/l	100
69) o-Xylene	11.95	106	312573	52.768	ug/l	100
70) Styrene	11.96	104	506197	53.369	ug/l	100
71) Bromoform	12.13	173	103874	52.944	ug/l #	98
73) Isopropylbenzene	12.25	105	855901	48.666	ug/l	99
74) N-amyl acetate	12.07	43	318652	50.869	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	192205	45.209	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	265390	71.501	ug/l #	100
77) Bromobenzene	12.52	156	193654	47.324	ug/l	98
78) n-propylbenzene	12.59	91	1012242	49.213	ug/l	100
79) 2-Chlorotoluene	12.67	91	580725	48.330	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	699668	50.027	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	56242	49.146	ug/l	99
82) 4-Chlorotoluene	12.77	91	600658	48.792	ug/l	98
83) tert-Butylbenzene	12.99	119	603181	48.850	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	716150	51.007	ug/l	98
85) sec-Butylbenzene	13.17	105	852999	50.714	ug/l	100
86) p-Isopropyltoluene	13.29	119	733108	51.454	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	355764	48.952	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	355846	49.249	ug/l	99
89) n-Butylbenzene	13.61	91	668931	54.664	ug/l	100
90) Hexachloroethane	13.87	117	124626	49.385	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	341399	48.487	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30912	49.308	ug/l	94

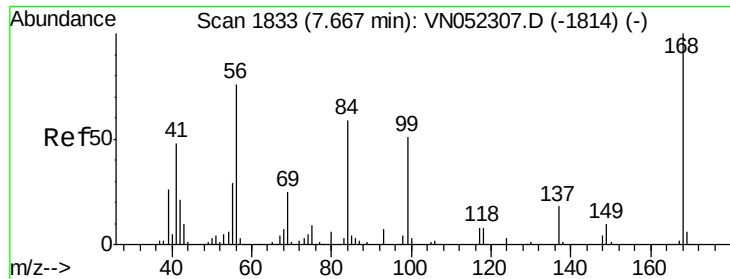
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	166174	50.689	ug/l	99
94) Hexachlorobutadiene	15.01	225	87310	54.176	ug/l	97
95) Naphthalene	15.13	128	374297	48.424	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	146635	54.807	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

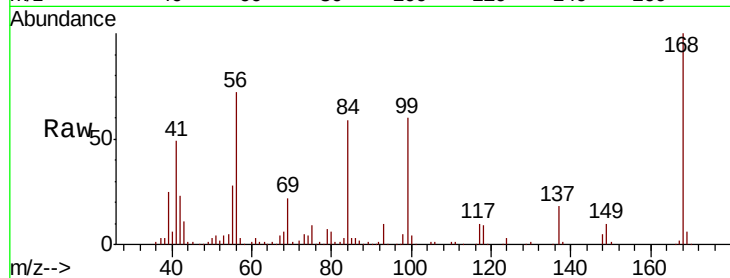
ICVFN111418

Tot Ion:168 Resp: 314906

Ion Ratio Lower Upper

168 100

99 59.9 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VN052310.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052310.D (-1740) (-)

7.67

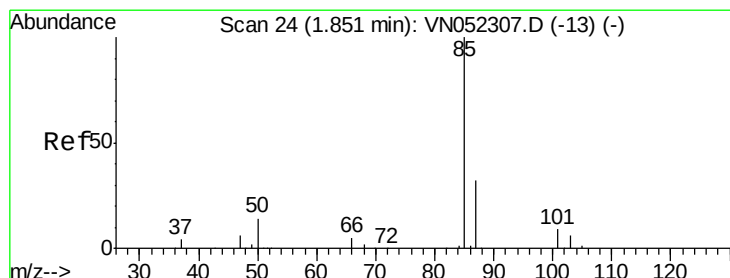
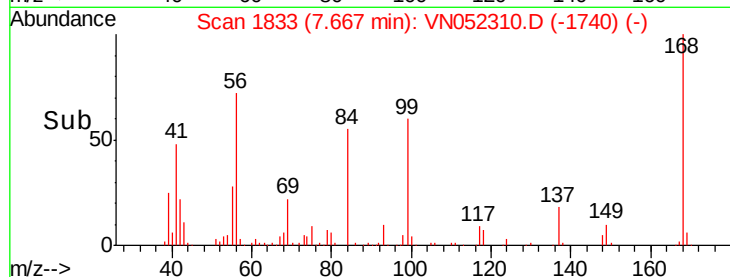
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.167 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052310.D

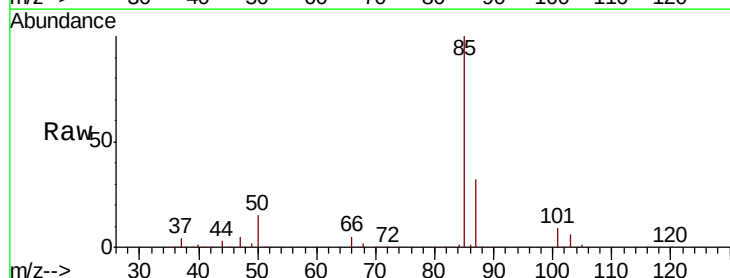
Acq: 14 Nov 2018 13:16

Tgt Ion: 85 Resp: 174079

Ion Ratio Lower Upper

85 100

87 31.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN052310.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN052310.D (-1) (-)

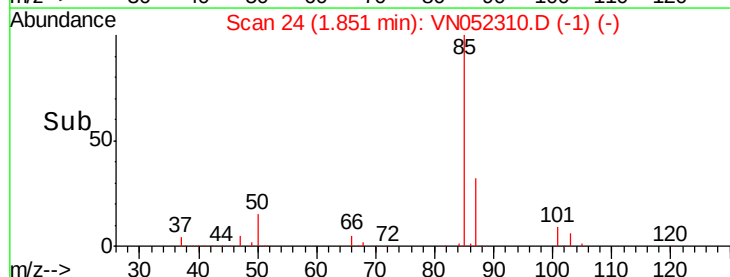
1.85

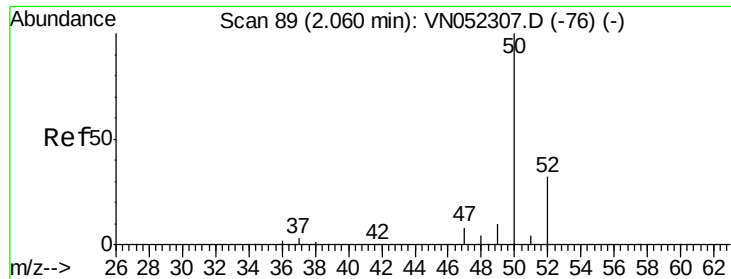
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.975 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

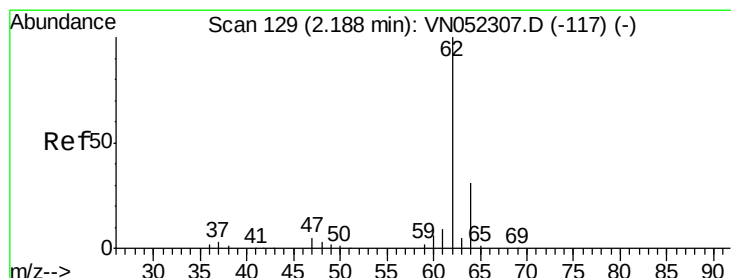
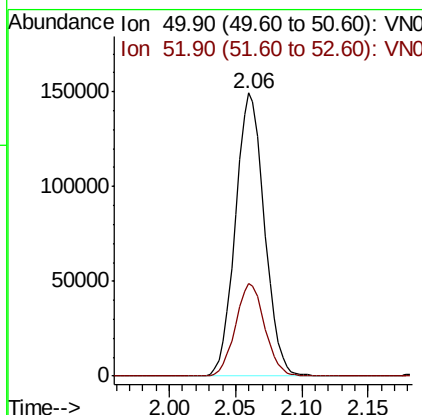
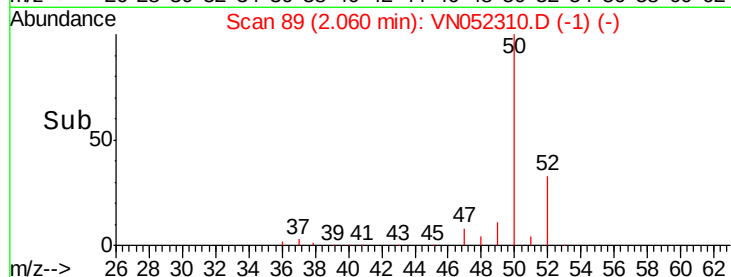
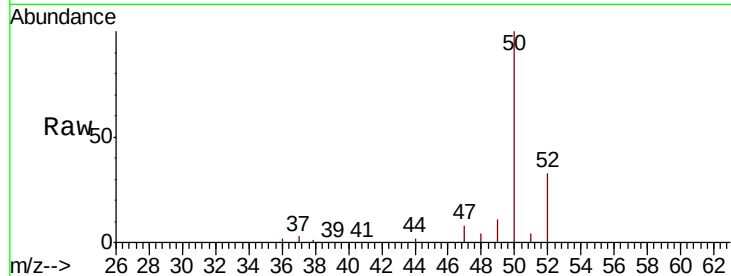
ICVFN111418

Tot Ion: 50 Resp: 227112

Ion Ratio Lower Upper

50 100

52 32.6 25.5 38.3



#4

Vinyl Chloride

Concen: 48.146 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN052310.D

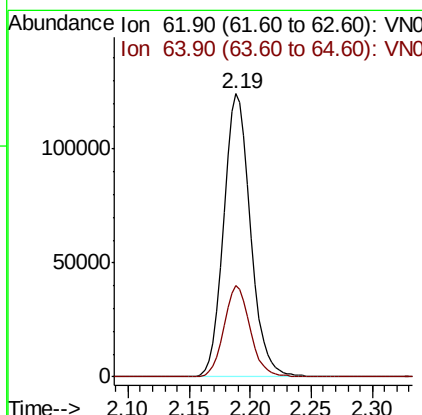
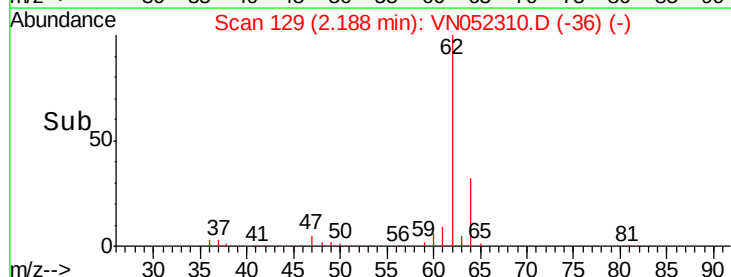
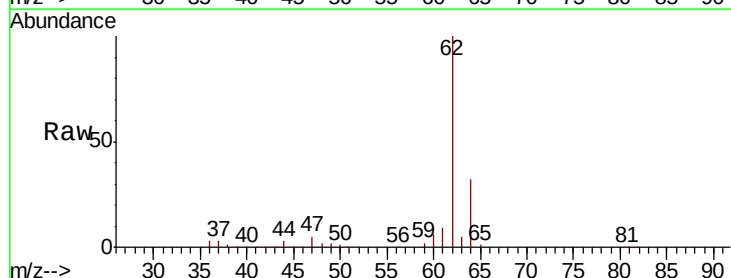
Acq: 14 Nov 2018 13:16

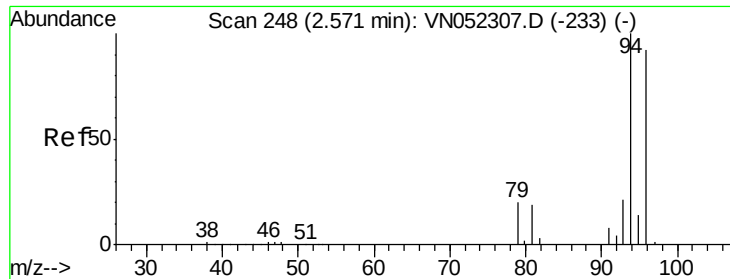
Tgt Ion: 62 Resp: 192996

Ion Ratio Lower Upper

62 100

64 32.2 25.2 37.8





#5

Bromomethane

Concen: 46.820 ug/l

RT: 2.56 min Scan# 245

Delta R.T. -0.01 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

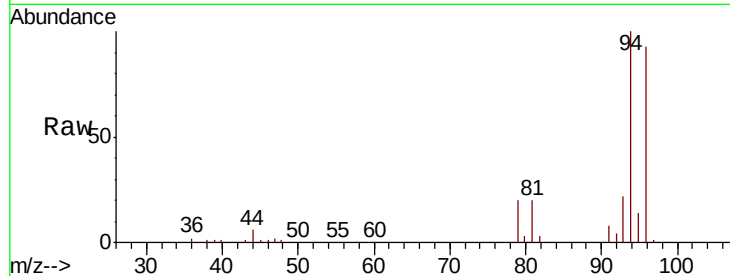
ICVFN111418

Tot Ion: 94 Resp: 117005

Ion Ratio Lower Upper

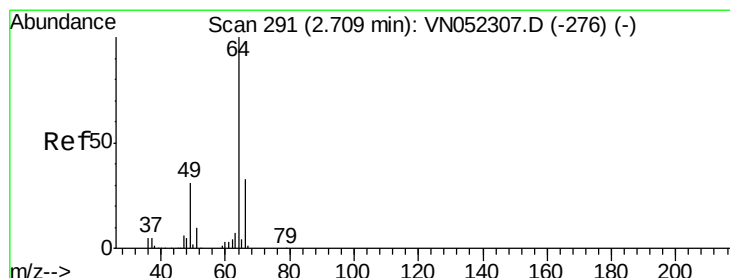
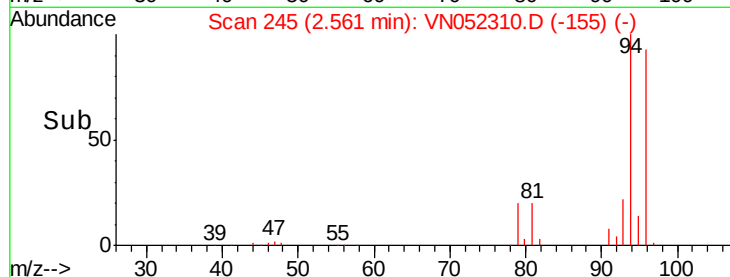
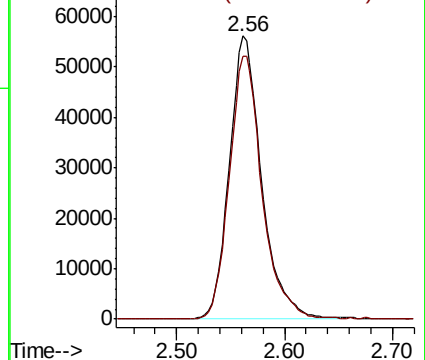
94 100

96 93.0 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.909 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN052310.D

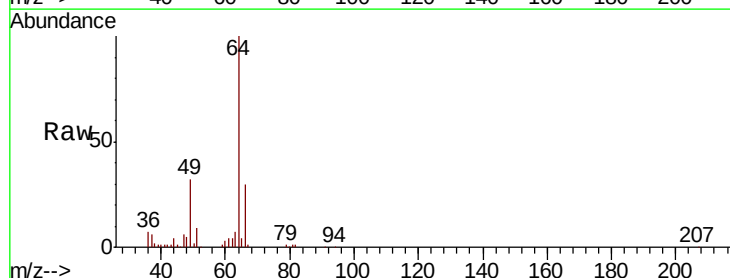
Acq: 14 Nov 2018 13:16

Tgt Ion: 64 Resp: 106318

Ion Ratio Lower Upper

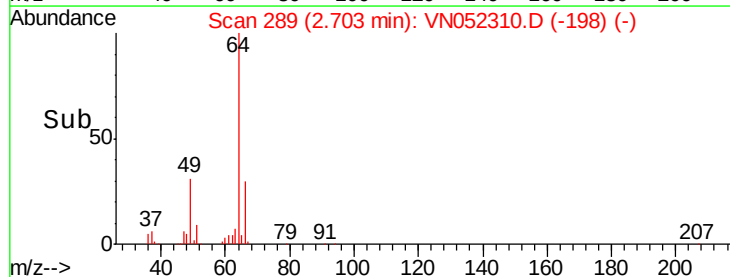
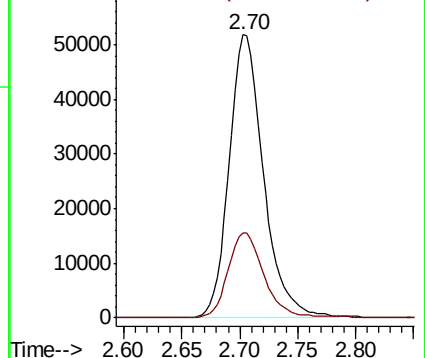
64 100

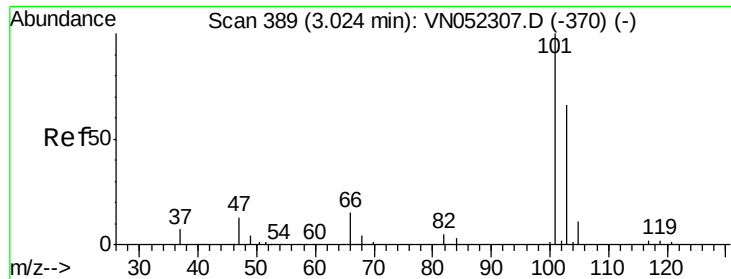
66 30.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



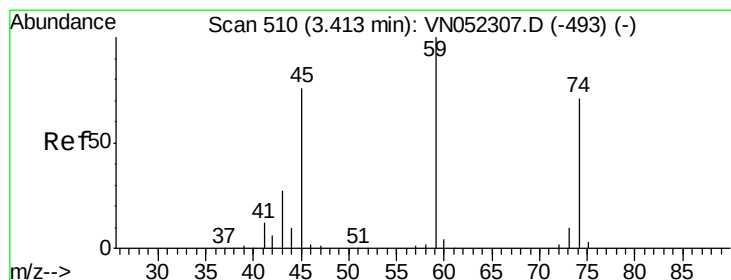
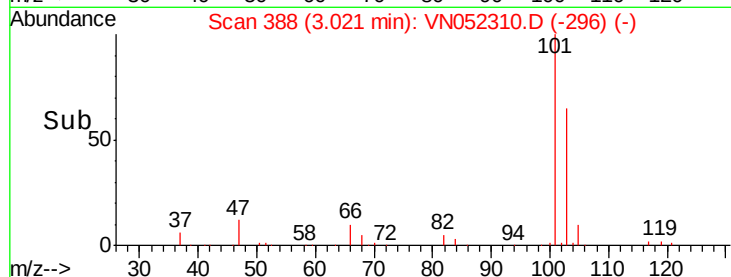
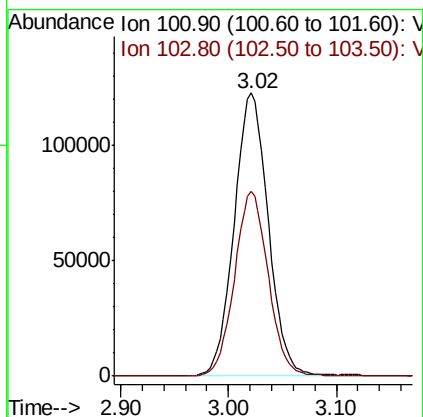
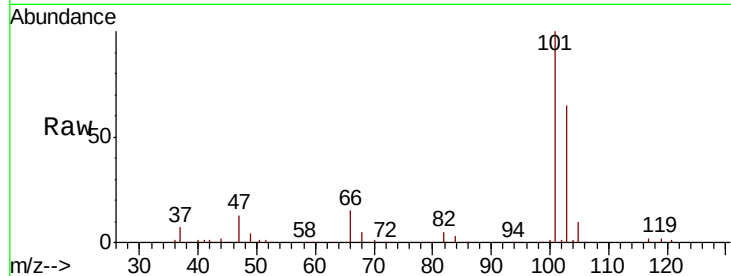


#7

Trichlorofluoromethane
Concen: 48.818 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111418

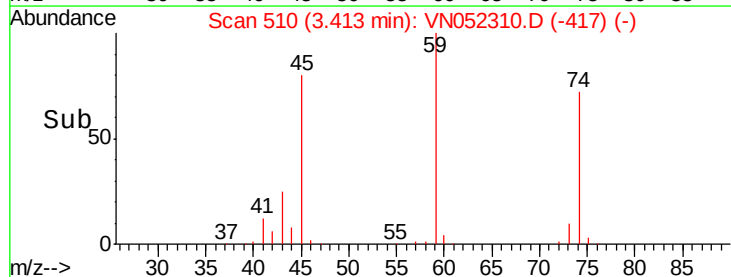
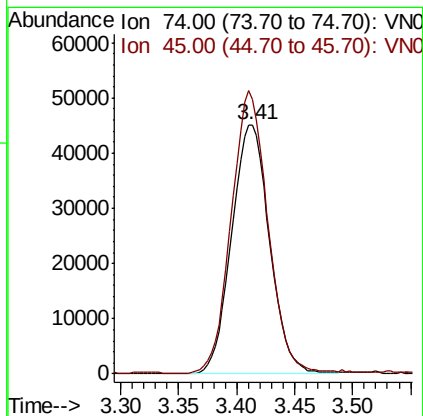
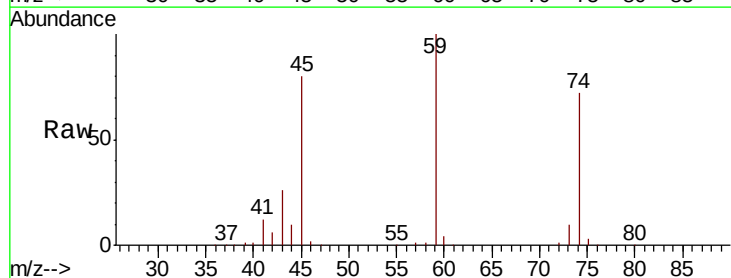
Tot Ion:101 Resp: 270790
Ion Ratio Lower Upper
101 100
103 65.3 52.8 79.2

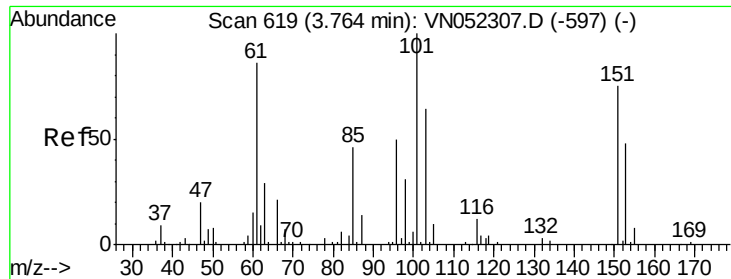


#8

Diethyl Ether
Concen: 48.584 ug/l
RT: 3.41 min Scan# 510
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Tgt Ion: 74 Resp: 102711
Ion Ratio Lower Upper
74 100
45 109.8 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.615 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVFN111418

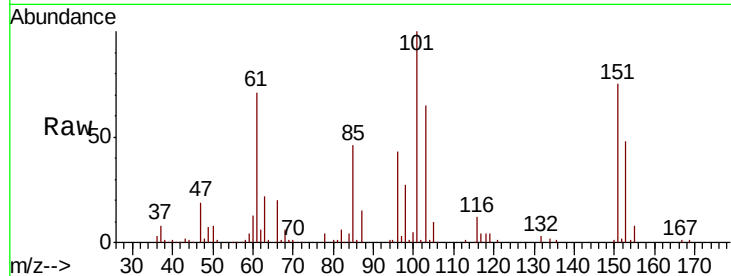
Tot Ion:101 Resp: 170301

Ion Ratio Lower Upper

101 100

85 47.0 37.4 56.0

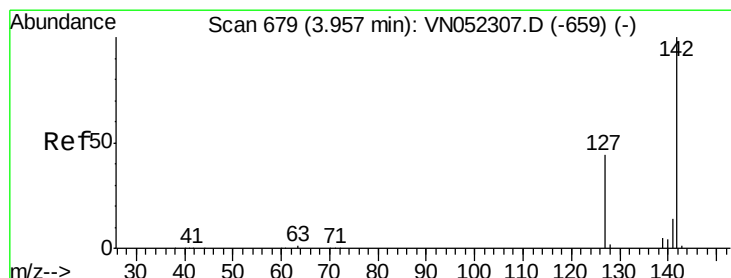
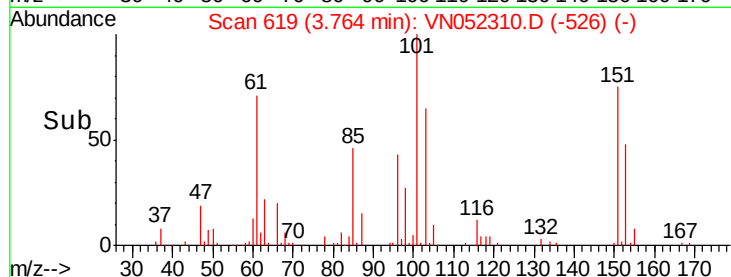
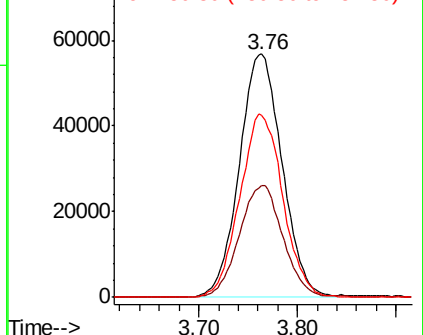
151 75.9 58.6 88.0



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: 47.843 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

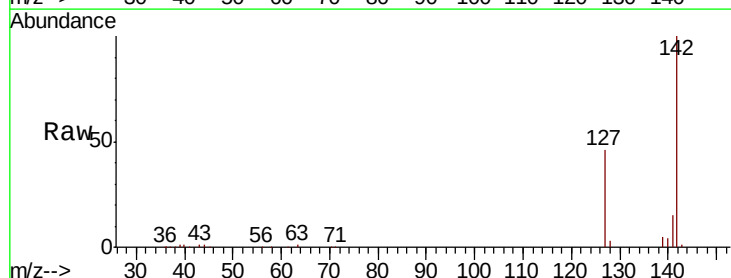
Tgt Ion:142 Resp: 225024

Ion Ratio Lower Upper

142 100

127 45.0 36.3 54.5

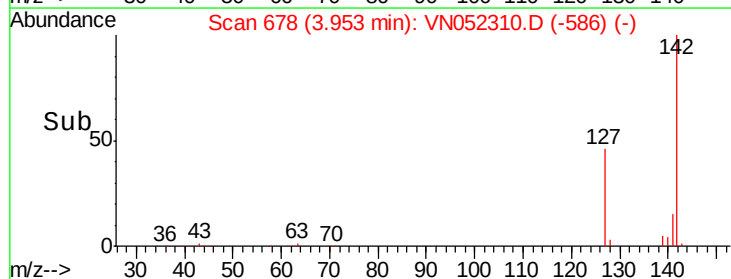
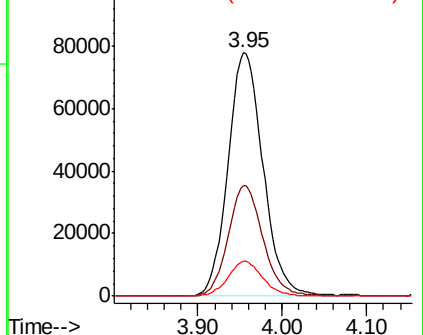
141 14.3 11.4 17.2

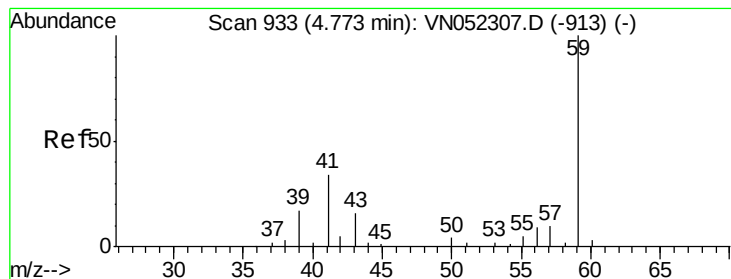


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



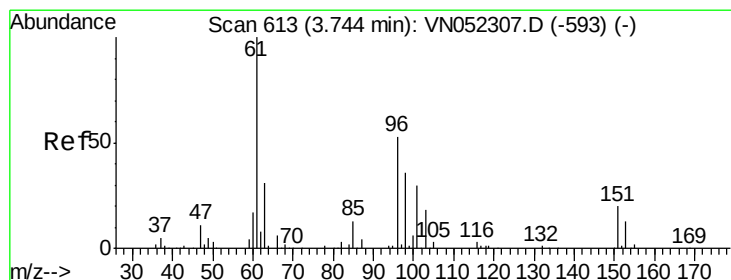
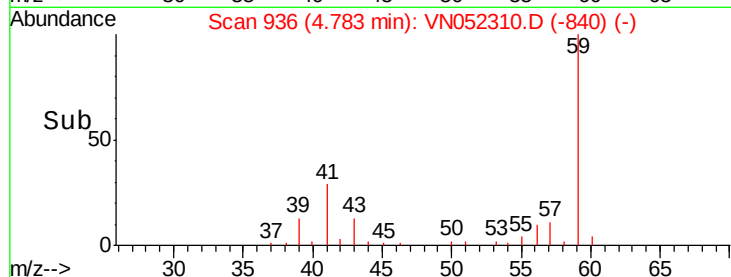
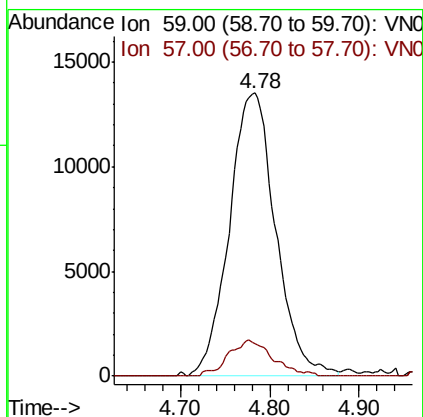
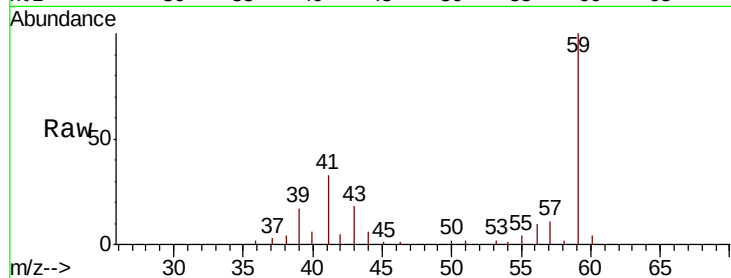


#11

Tert butyl alcohol
 Concen: 207.758 ug/l
 RT: 4.78 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111418

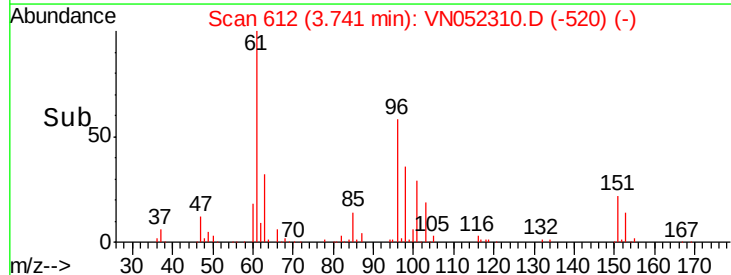
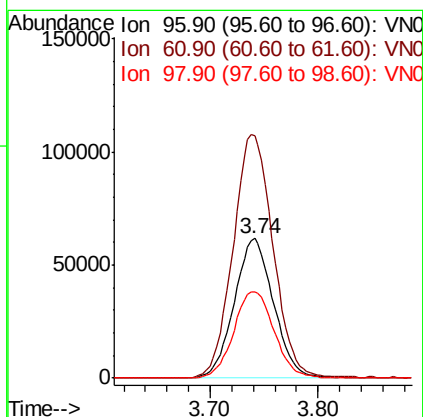
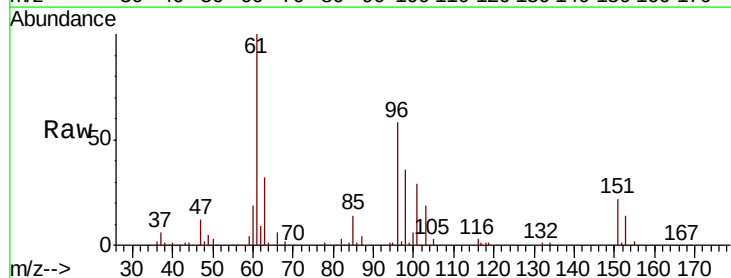
Tot Ion: 59 Resp: 48799
 Ion Ratio Lower Upper
 59 100
 57 12.0 8.5 12.7

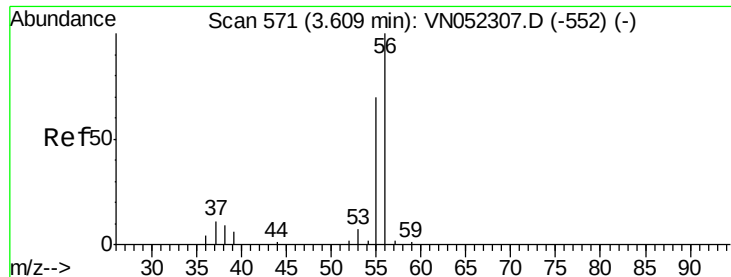


#12

1,1-Dichloroethene
 Concen: 48.120 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Tgt Ion: 96 Resp: 155991
 Ion Ratio Lower Upper
 96 100
 61 173.0 149.6 224.4
 98 61.7 54.2 81.2





#13

Acrolein

Concen: 236.104 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

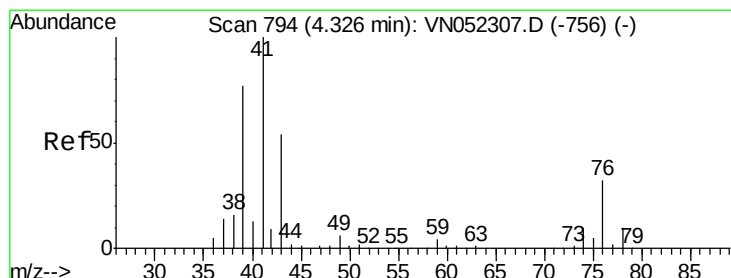
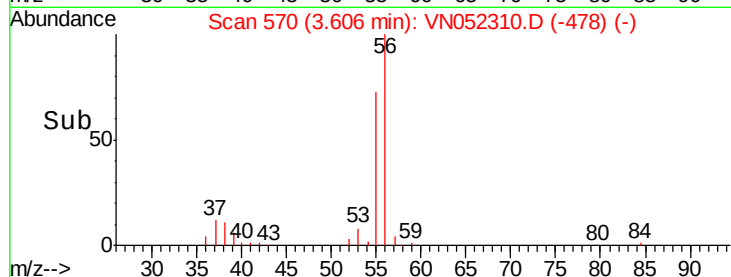
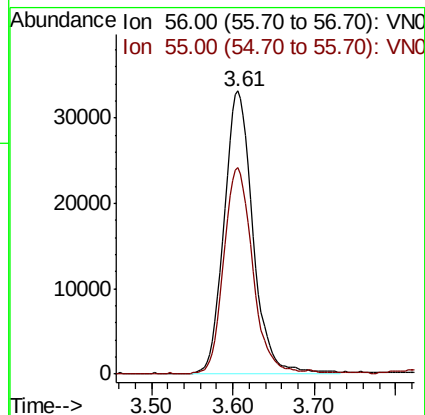
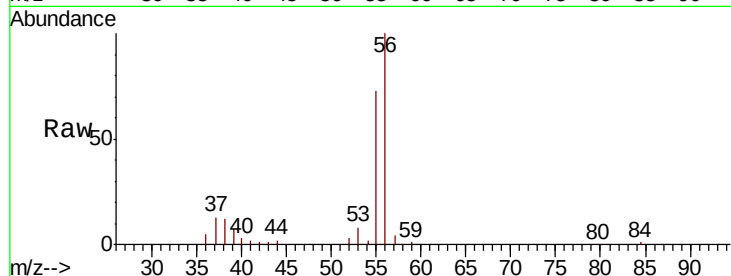
ICVVN111418

Tot Ion: 56 Resp: 83177

Ion Ratio Lower Upper

56 100

55 73.0 57.6 86.4



#14

Allyl chloride

Concen: 45.586 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

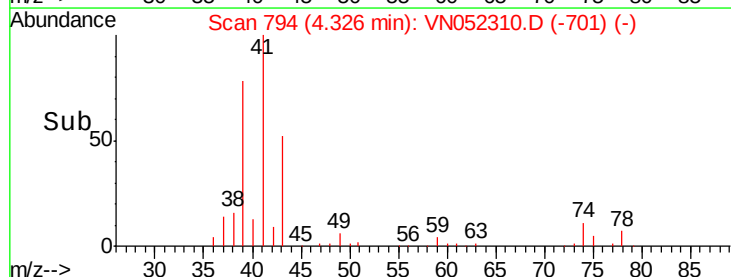
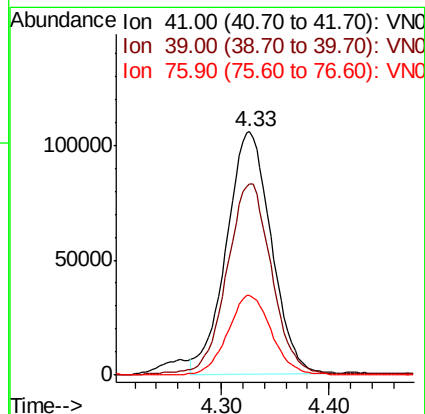
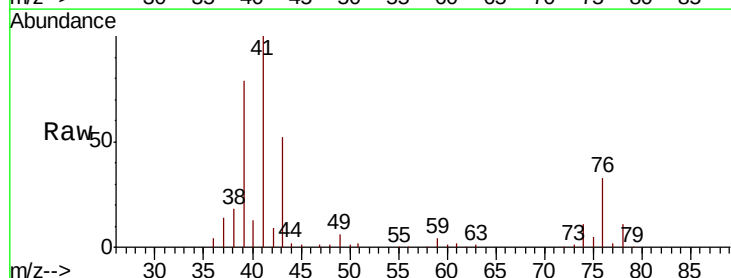
Tgt Ion: 41 Resp: 303433

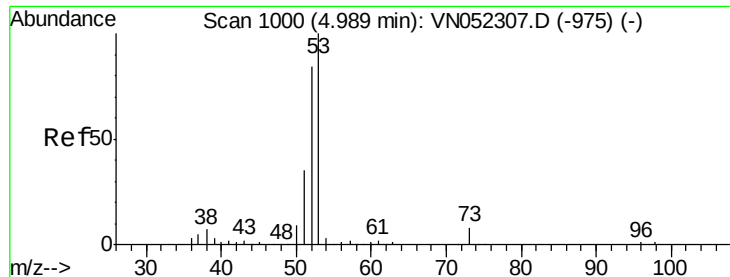
Ion Ratio Lower Upper

41 100

39 79.4 59.1 88.7

76 31.9 24.1 36.1





#15

Acrylonitrile

Concen: 239.477 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN111418

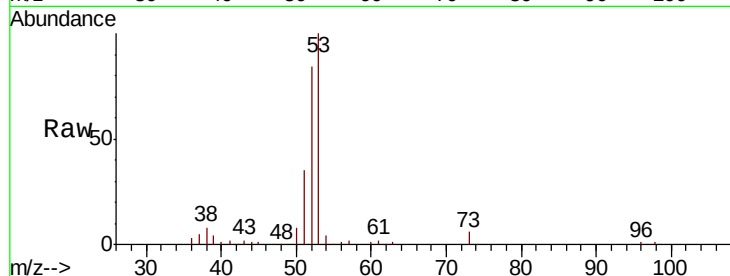
Tot Ion: 53 Resp: 321192

Ion Ratio Lower Upper

53 100

52 83.0 67.5 101.3

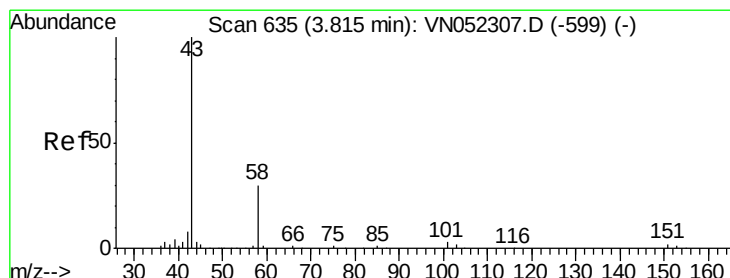
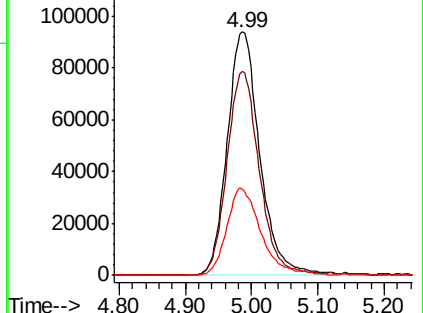
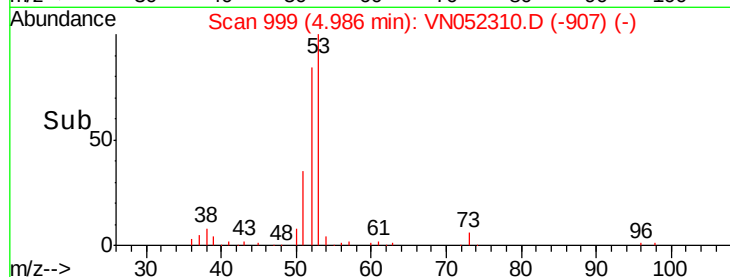
51 36.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN052310.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN052310.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN052310.D (-907) (-)



#16

Acetone

Concen: 238.951 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052310.D

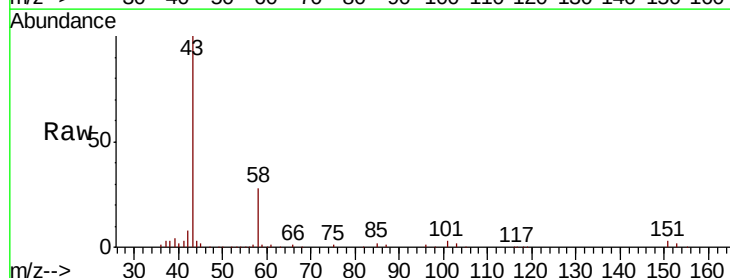
Acq: 14 Nov 2018 13:16

Tgt Ion: 43 Resp: 292616

Ion Ratio Lower Upper

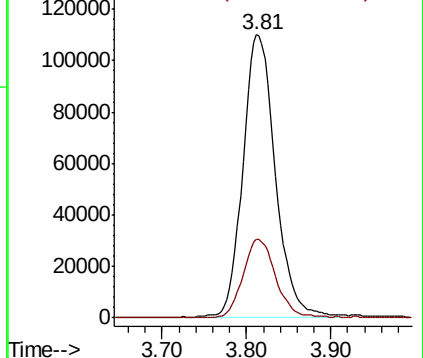
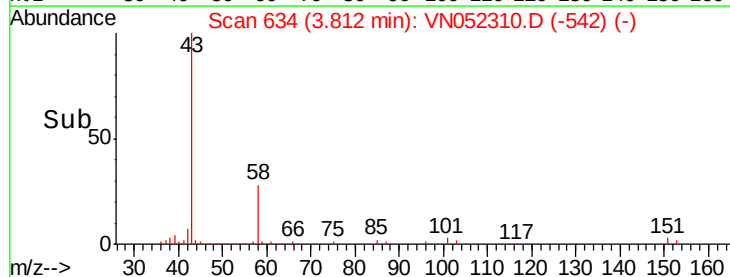
43 100

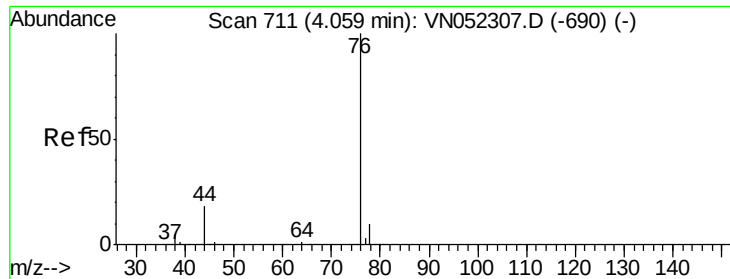
58 27.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN052310.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052310.D (-542) (-)

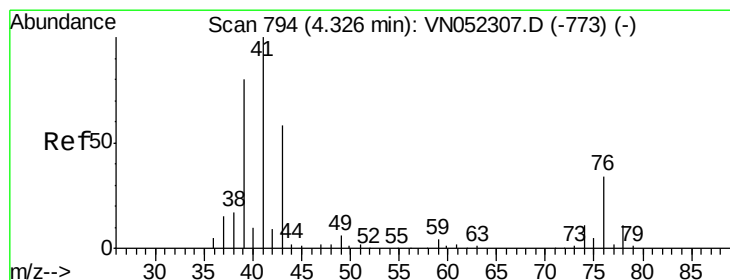
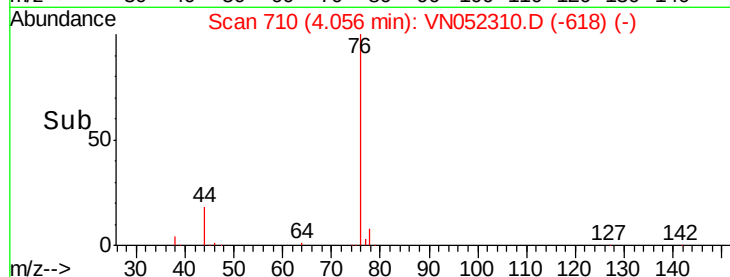
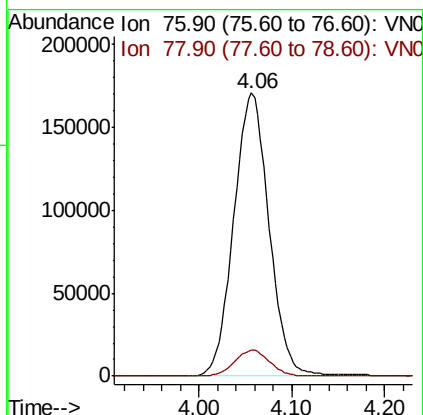
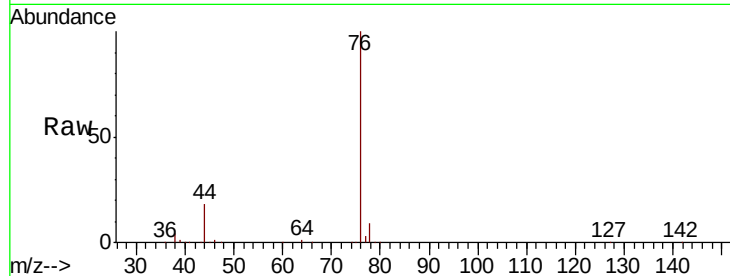




#17
Carbon Disulfide
Concen: 48.493 ug/l
RT: 4.06 min Scan# 710
Delta R.T. -0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

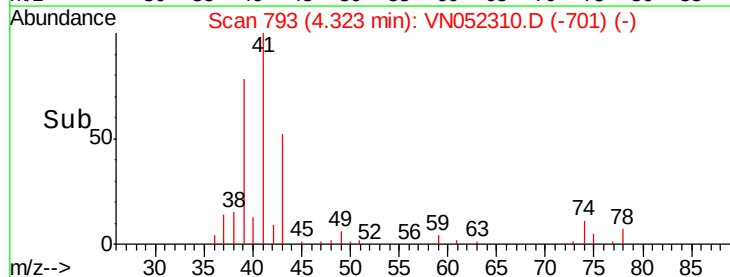
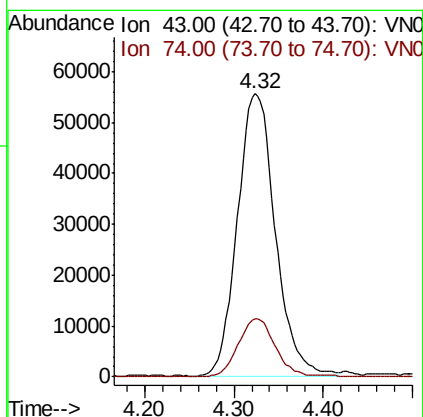
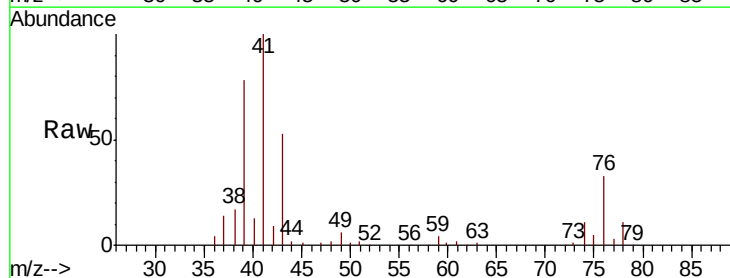
Instrument :
MSVOA_N
ClientSampleId :
ICVFN111418

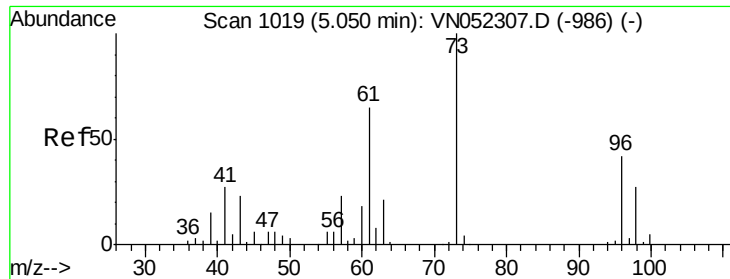
Tot Ion: 76 Resp: 450763
Ion Ratio Lower Upper
76 100
78 9.3 7.7 11.5



#18
Methyl Acetate
Concen: 48.335 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Tgt Ion: 43 Resp: 165815
Ion Ratio Lower Upper
43 100
74 19.7 15.9 23.9

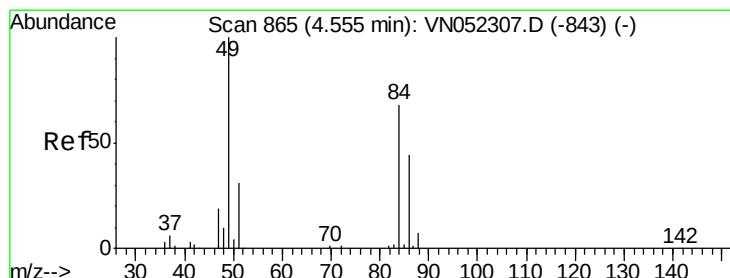
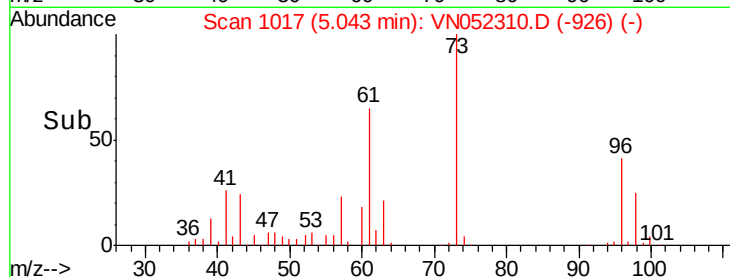
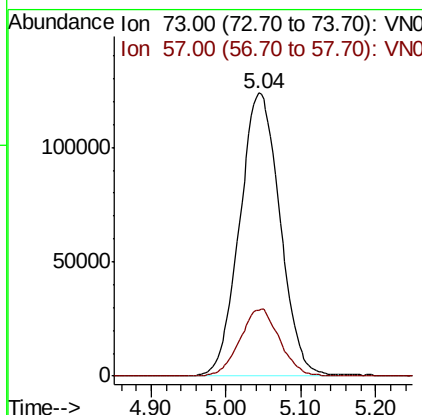
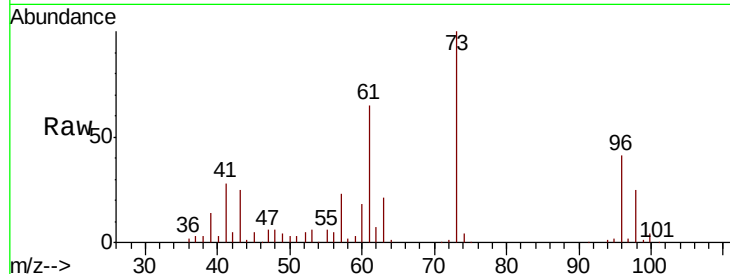




#19
Methyl tert-butyl Ether
Concen: 49.820 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

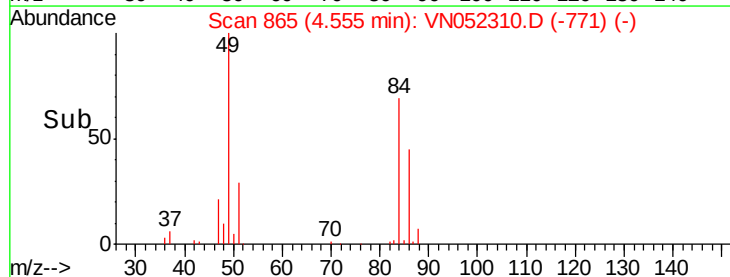
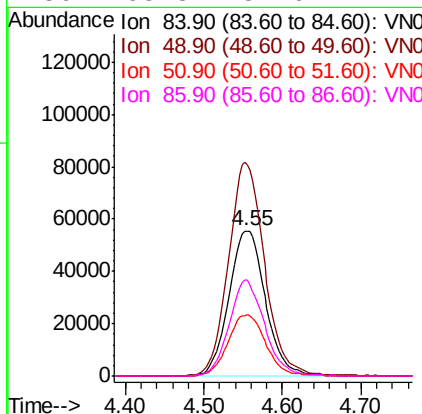
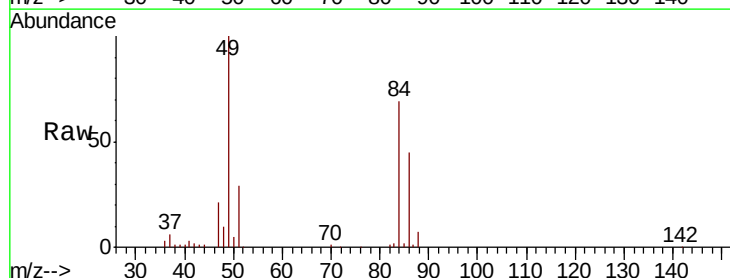
Instrument :
MSVOA_N
ClientSampleId :
ICVVN111418

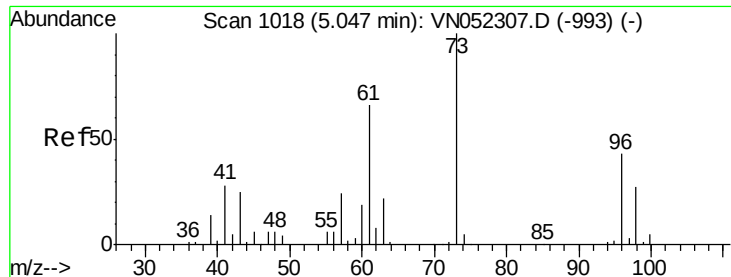
Tot Ion: 73 Resp: 464111
Ion Ratio Lower Upper
73 100
57 23.3 18.7 28.1



#20
Methylene Chloride
Concen: 48.291 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Tgt Ion: 84 Resp: 180000
Ion Ratio Lower Upper
84 100
49 144.9 118.2 177.2
51 42.1 36.1 54.1
86 65.8 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 47.208 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampled :

ICVNVN111418

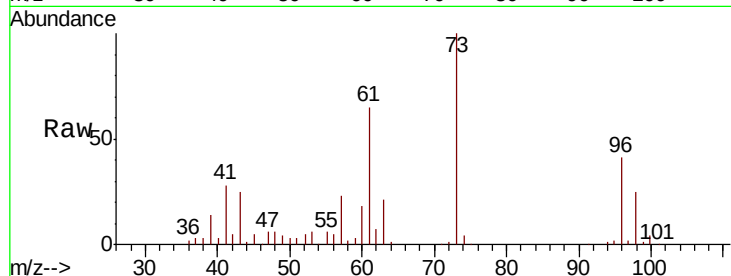
Tot Ion: 96 Resp: 164763

Ion Ratio Lower Upper

96 100

61 157.6 123.6 185.4

98 61.6 50.7 76.1

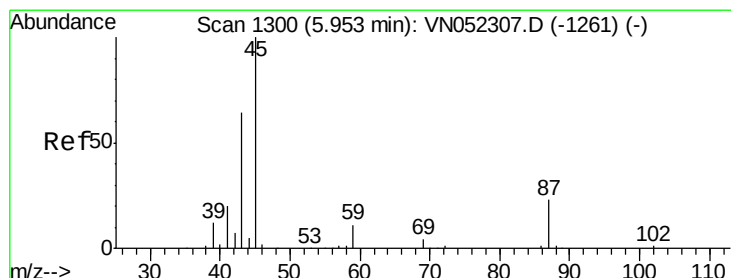
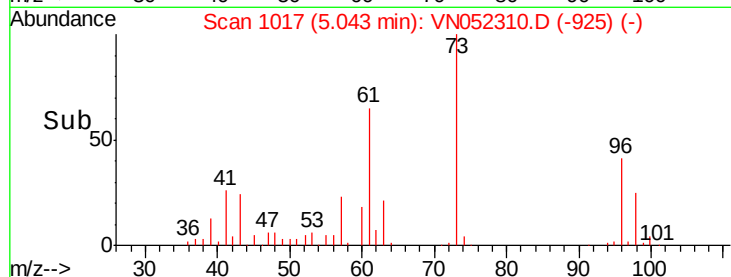
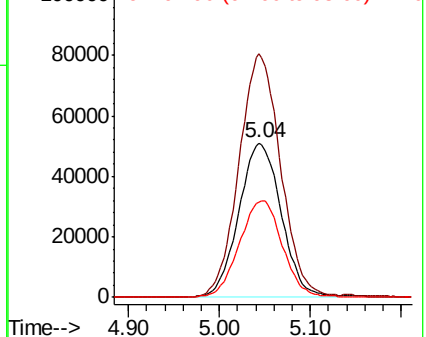


Abundance

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: 48.552 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Tgt Ion: 45 Resp: 659399

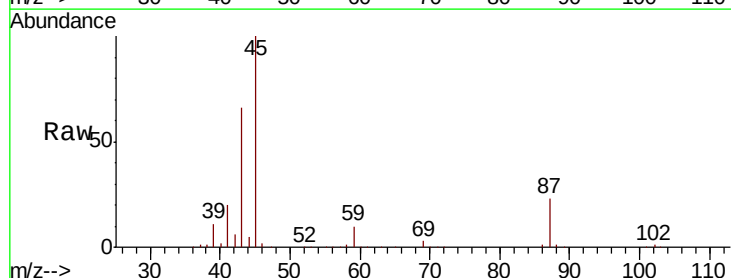
Ion Ratio Lower Upper

45 100

43 64.4 51.4 77.2

87 23.1 18.8 28.2

59 10.1 8.6 12.8



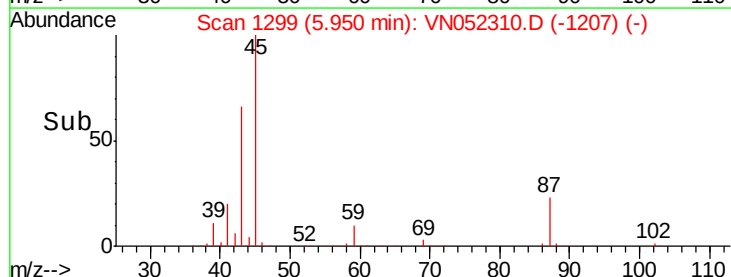
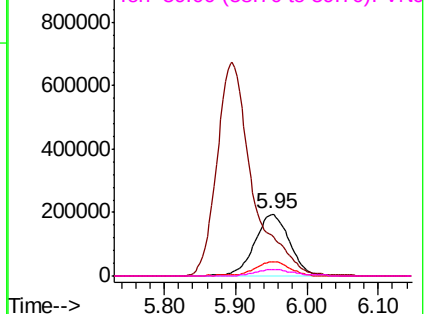
Abundance

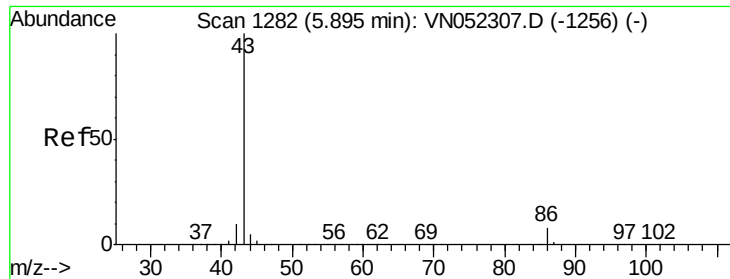
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0

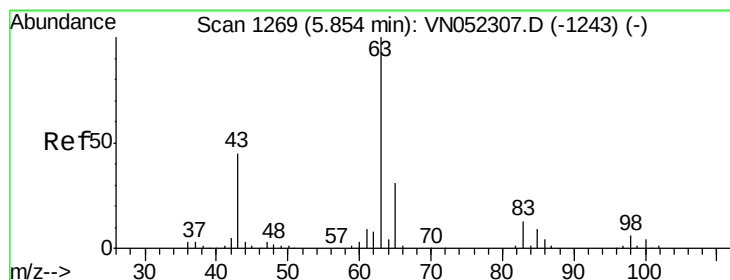
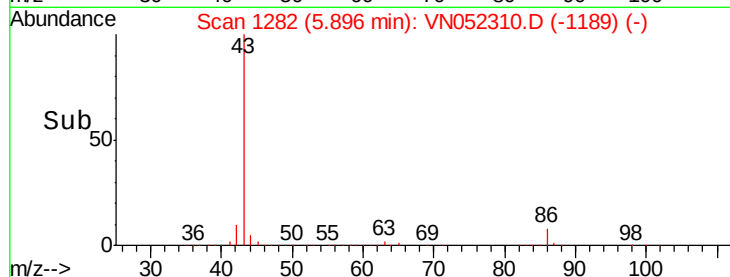
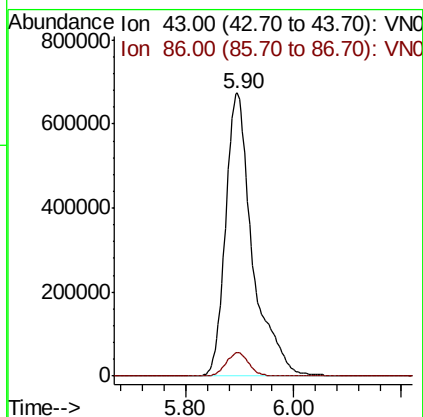
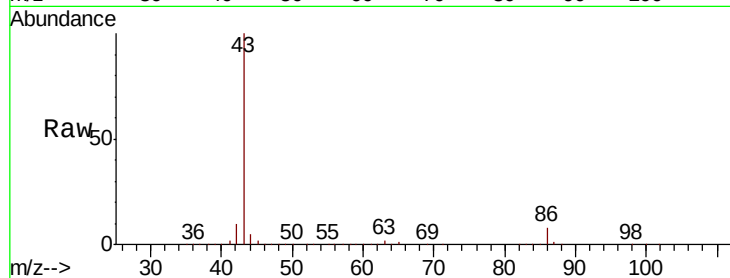




#23
 Vinyl Acetate
 Concen: 253.508 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

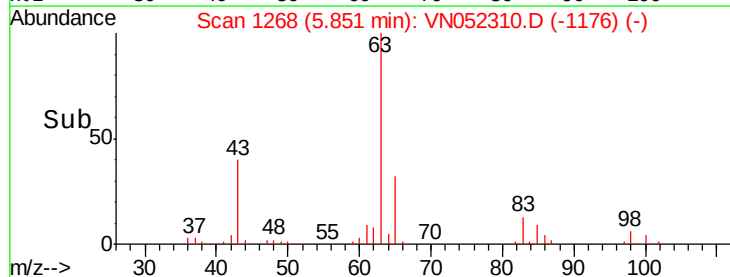
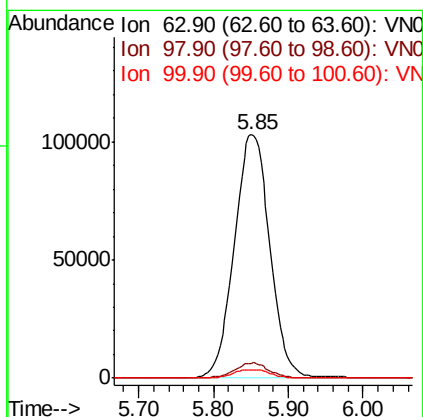
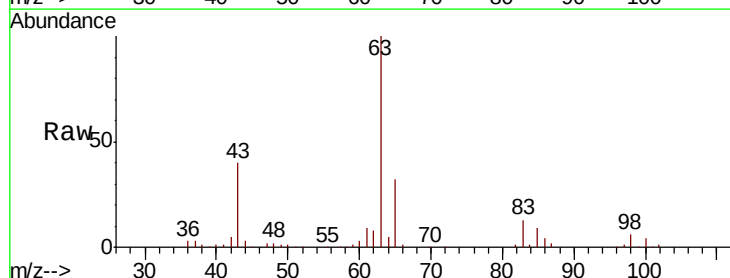
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111418

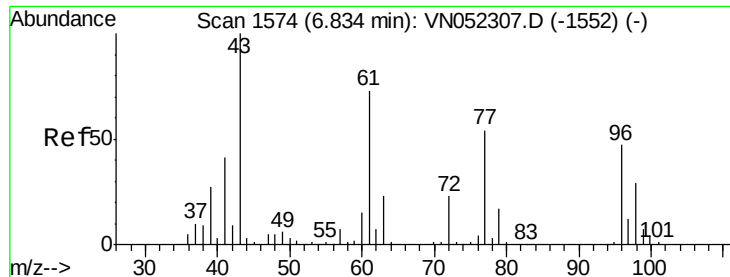
Tot Ion: 43 Resp: 233556
 Ion Ratio Lower Upper
 43 100
 86 8.3 6.5 9.7



#24
 1,1-Dichloroethane
 Concen: 46.737 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Tgt Ion: 63 Resp: 340358
 Ion Ratio Lower Upper
 63 100
 98 6.1 2.9 8.6
 100 3.5 1.9 5.7





#25

2-Butanone

Concen: 243.768 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

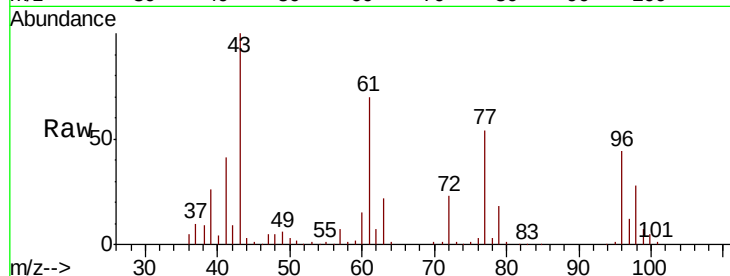
ICVVN111418

Tot Ion: 43 Resp: 420182

Ion Ratio Lower Upper

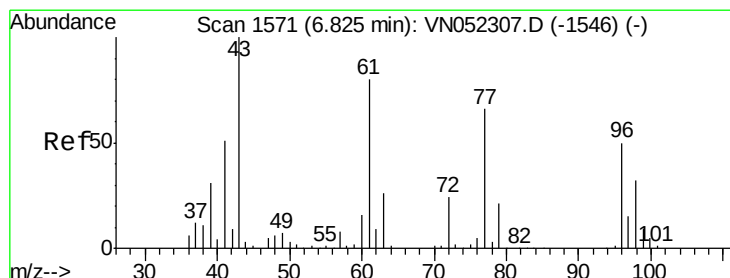
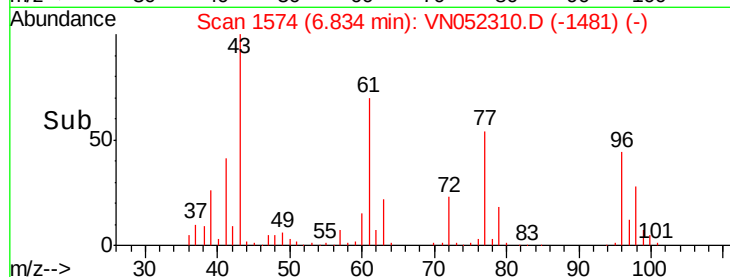
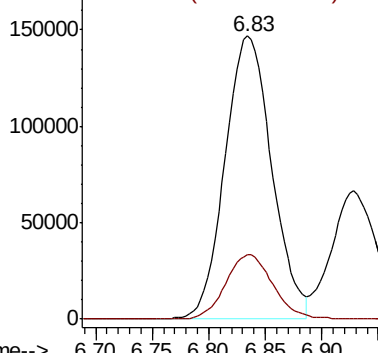
43 100

72 22.6 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 50.160 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN052310.D

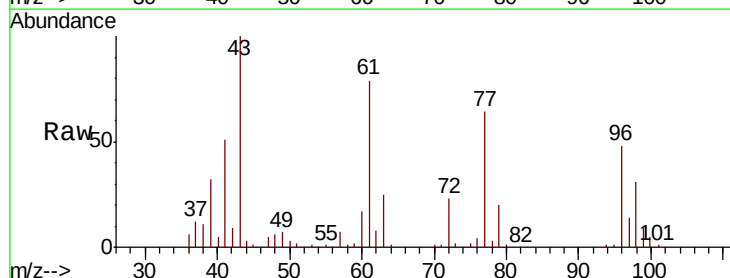
Acq: 14 Nov 2018 13:16

Tgt Ion: 77 Resp: 268602

Ion Ratio Lower Upper

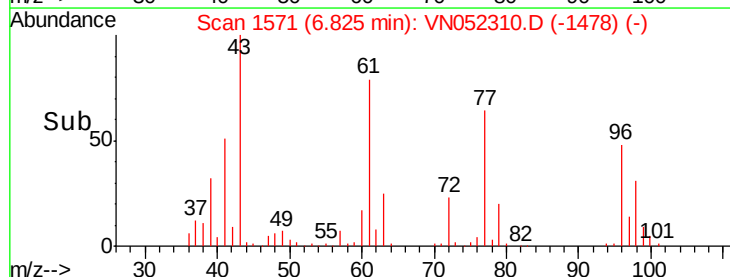
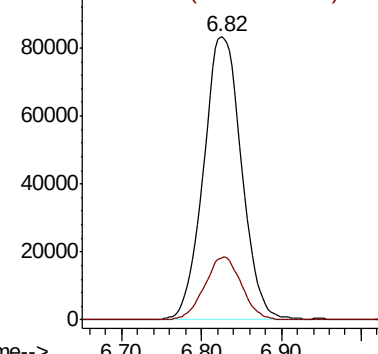
77 100

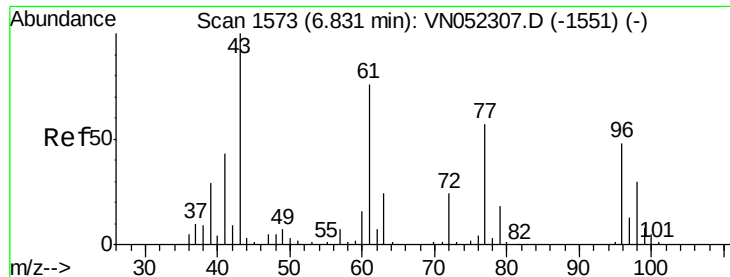
97 21.6 11.1 33.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 46.041 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVFN111418

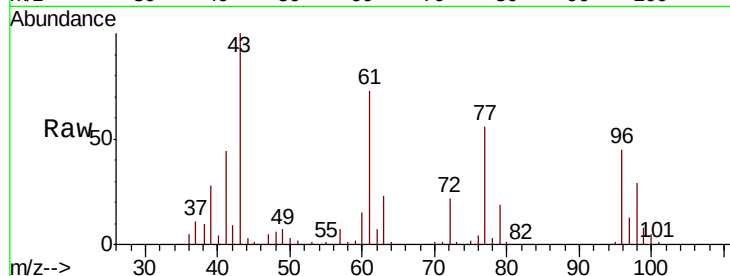
Tot Ion: 96 Resp: 187062

Ion Ratio Lower Upper

96 100

61 164.8 0.0 316.8

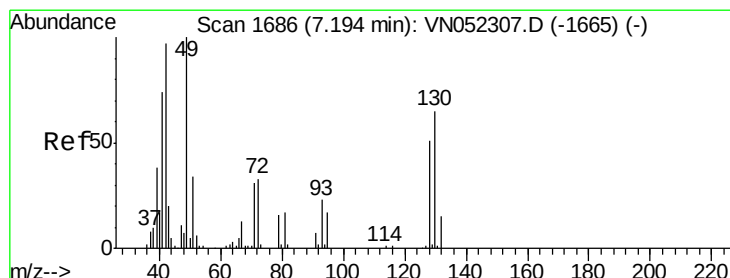
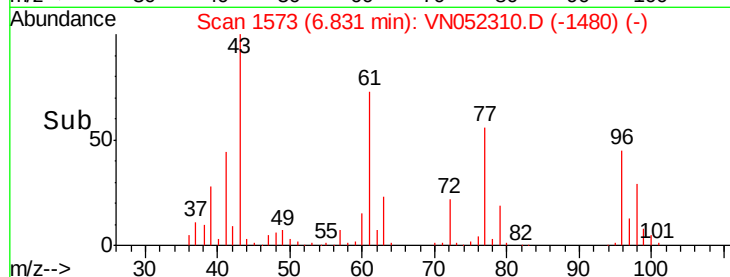
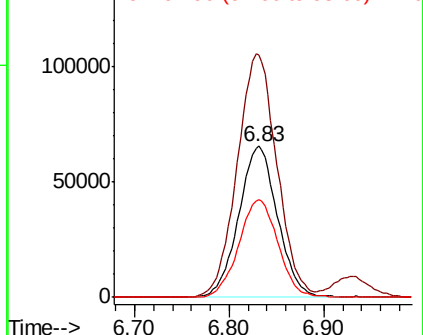
98 65.4 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN052310.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN052310.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN052310.D (-1480) (-)



#28

Bromochloromethane

Concen: 46.485 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

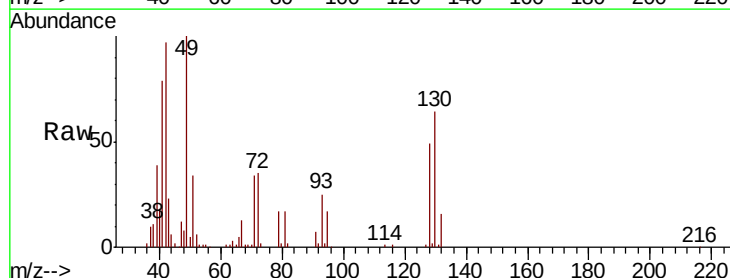
Tgt Ion: 49 Resp: 174064

Ion Ratio Lower Upper

49 100

129 1.9 0.0 3.0

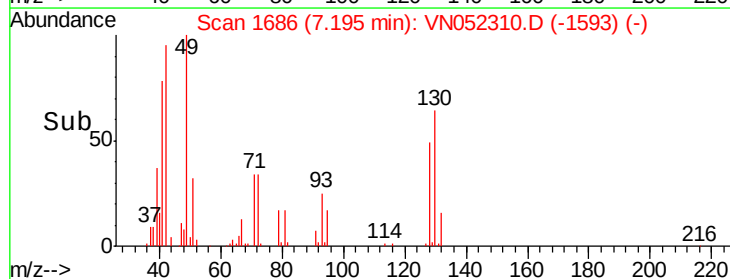
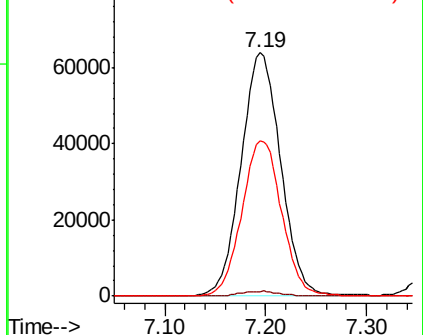
130 64.2 50.4 75.6

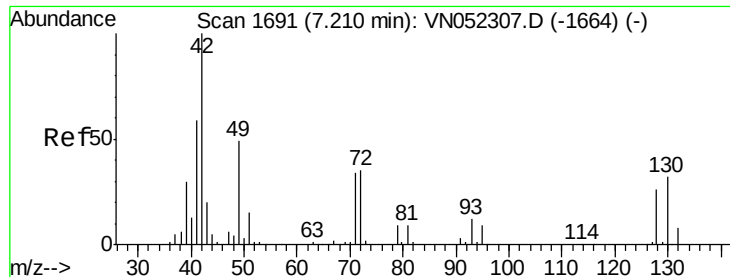


Abundance Ion 48.90 (48.60 to 49.60): VN052310.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN052310.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN052310.D (-1593) (-)





#29

Tetrahydrofuran

Concen: 237.621 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN111418

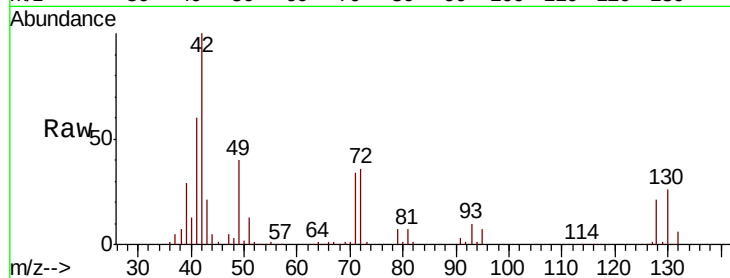
Tot Ion: 42 Resp: 269068

Ion Ratio Lower Upper

42 100

72 35.9 28.6 42.8

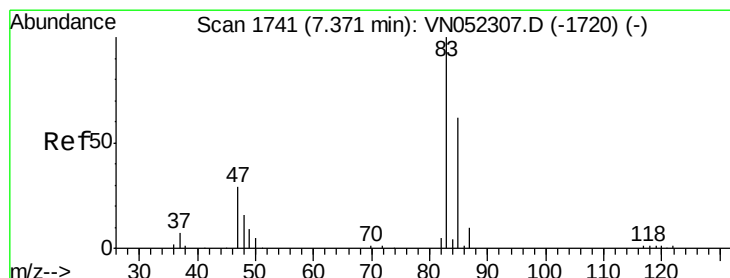
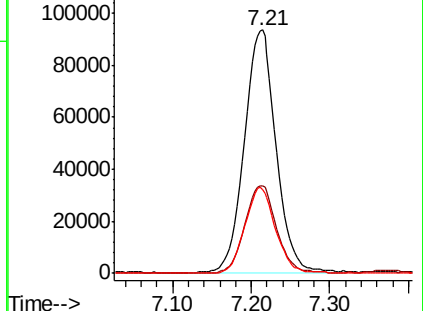
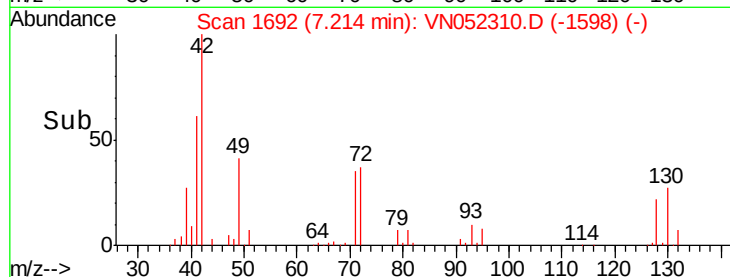
71 33.9 26.7 40.1



Abundance Ion 42.00 (41.70 to 42.70): VN052310.D (-1598) (-)

Ion 72.00 (71.70 to 72.70): VN052310.D (-1598) (-)

Ion 71.00 (70.70 to 71.70): VN052310.D (-1598) (-)



#30

Chloroform

Concen: 47.232 ug/l

RT: 7.37 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VN052310.D

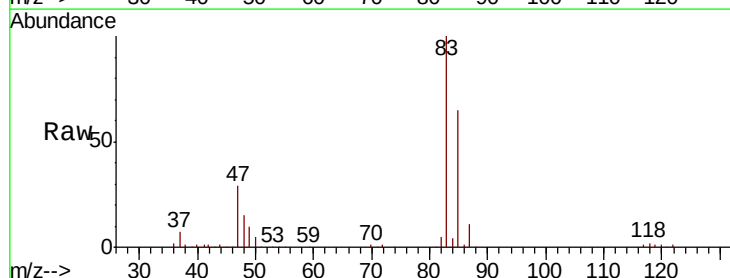
Acq: 14 Nov 2018 13:16

Tgt Ion: 83 Resp: 327800

Ion Ratio Lower Upper

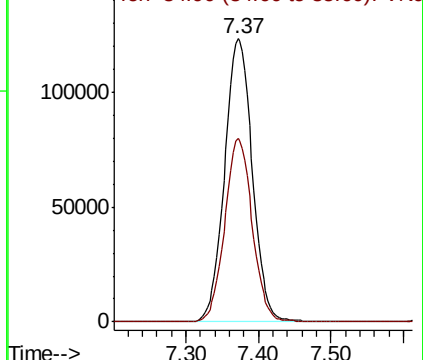
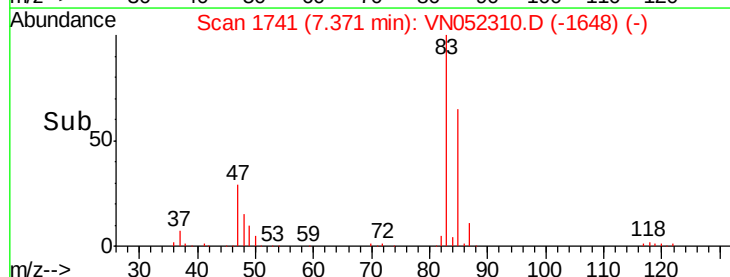
83 100

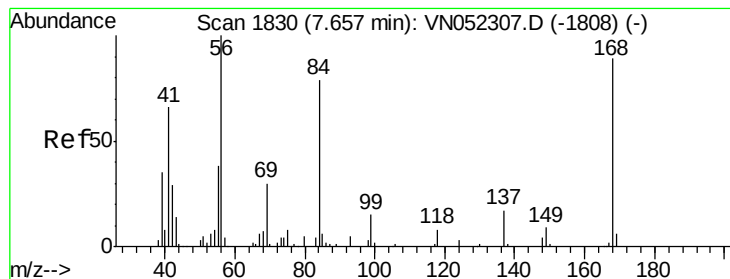
85 64.7 49.4 74.2



Abundance Ion 82.90 (82.60 to 83.60): VN052310.D (-1648) (-)

Ion 84.90 (84.60 to 85.60): VN052310.D (-1648) (-)





#31

Cyclohexane

Concen: 48.509 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN111418

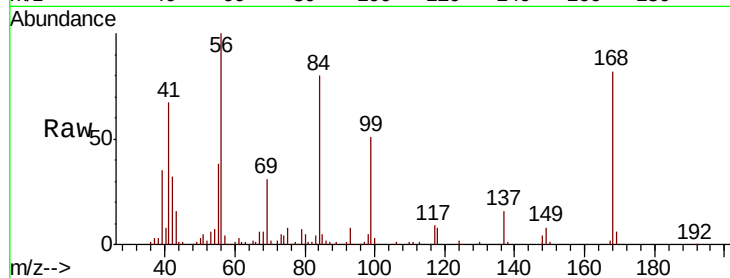
Tot Ion: 56 Resp: 328204

Ion Ratio Lower Upper

56 100

69 30.5 23.8 35.8

84 79.0 63.0 94.6

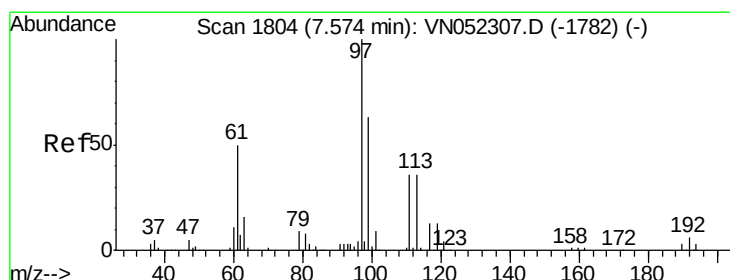
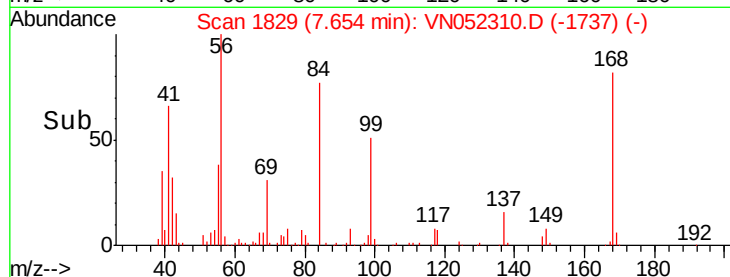
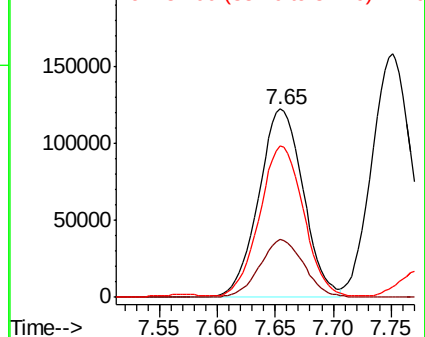


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 46.542 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

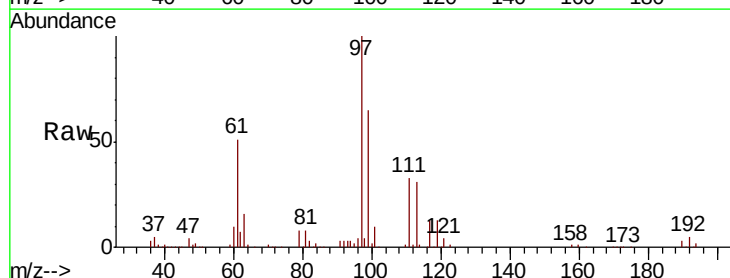
Tgt Ion: 97 Resp: 275165

Ion Ratio Lower Upper

97 100

99 65.1 50.2 75.2

61 51.1 40.2 60.4

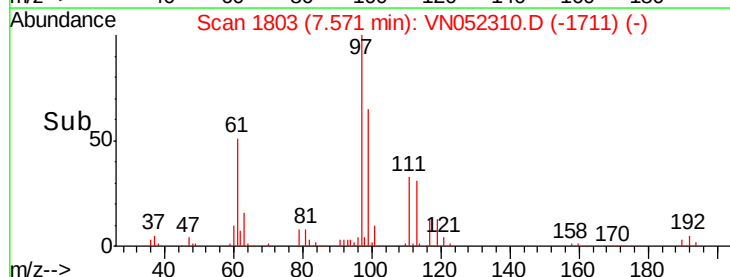
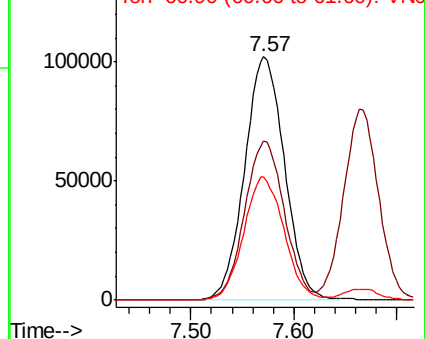


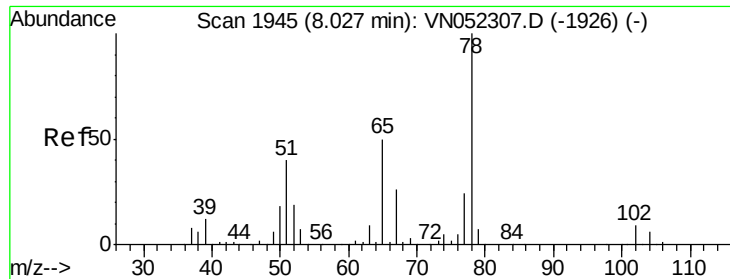
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

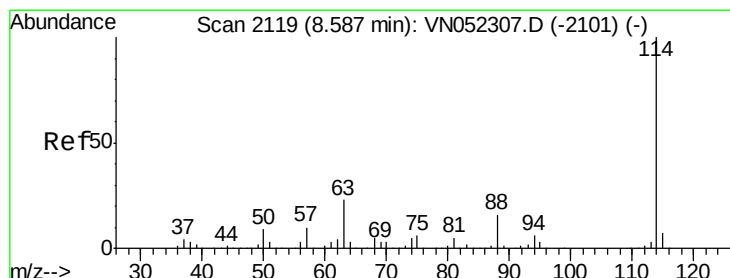
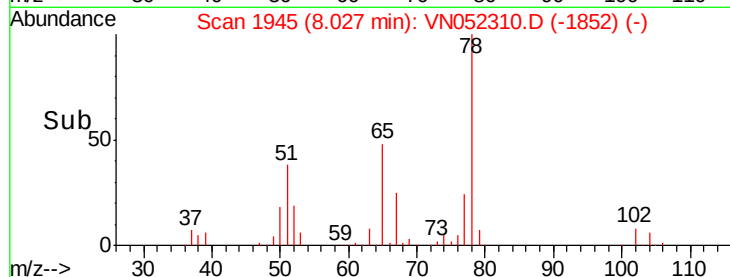
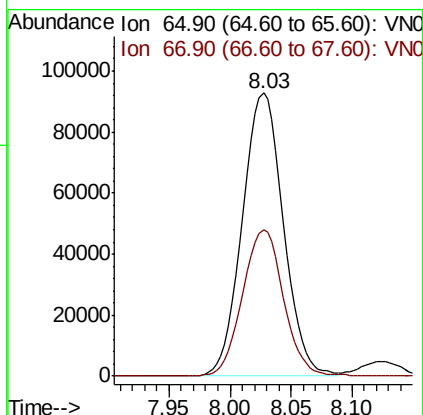
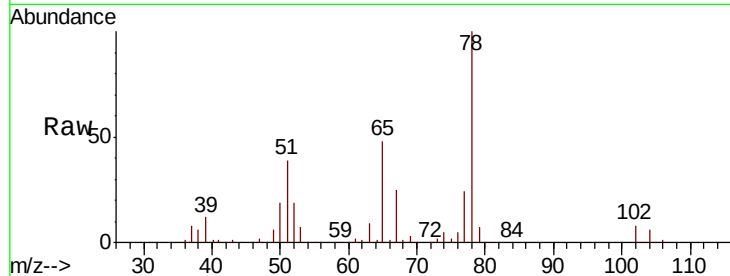




#33
 1,2-Dichloroethane-d4
 Concen: 46.542 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

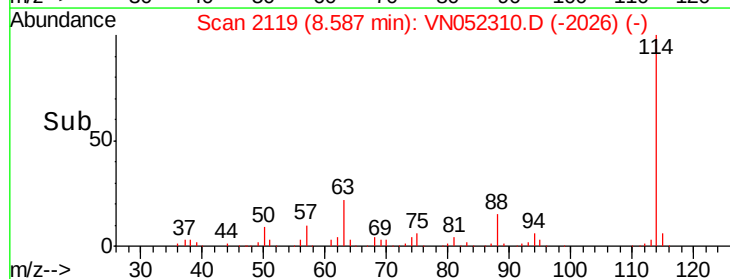
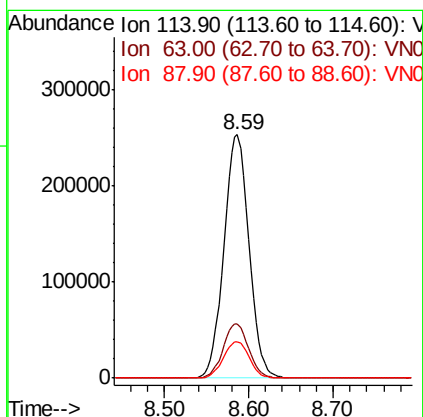
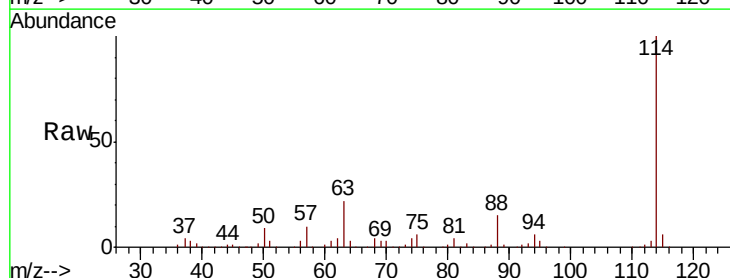
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111418

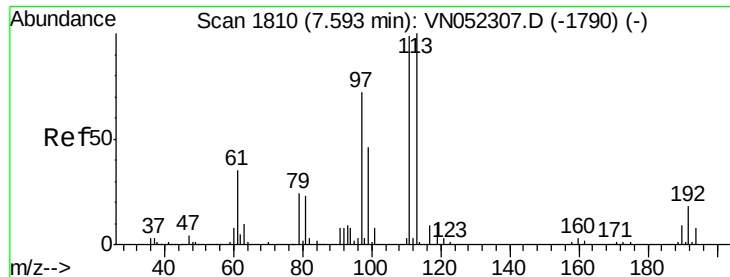
Tot Ion: 65 Resp: 216030
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Tgt Ion: 114 Resp: 521971
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.4
 88 14.9 0.0 31.2

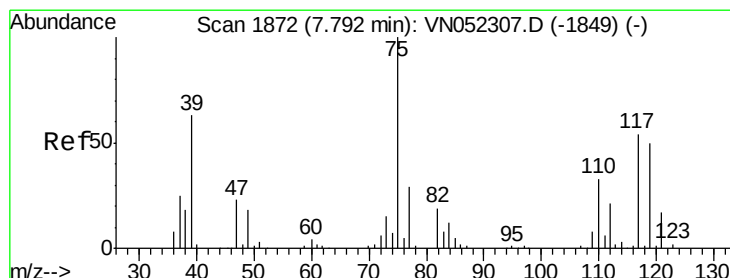
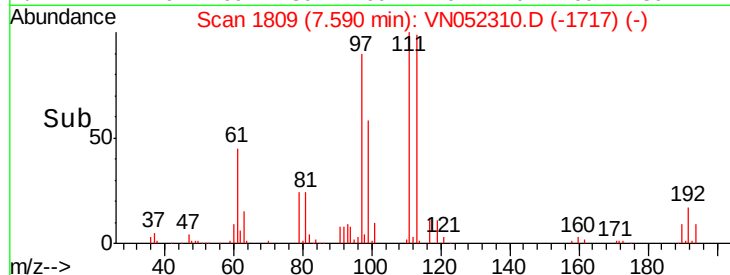
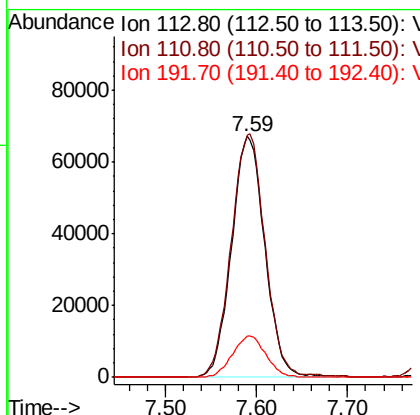
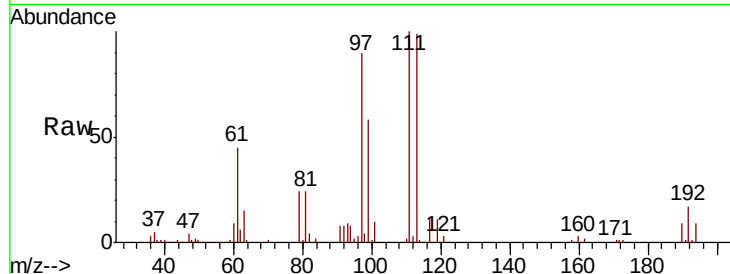




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

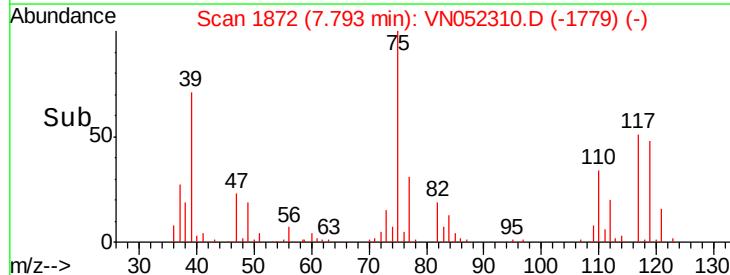
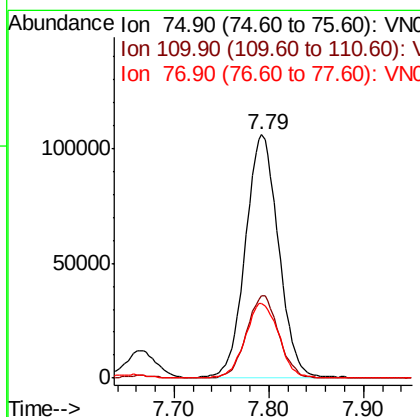
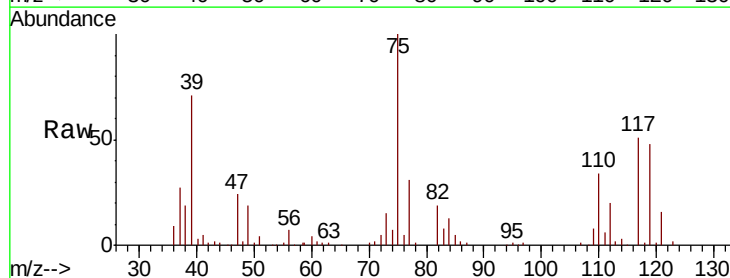
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111418

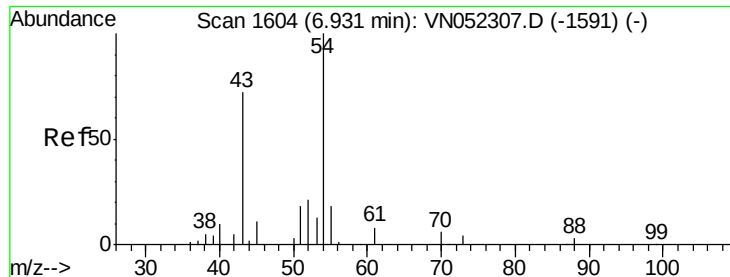
Tot Ion:113 Resp: 170340
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.0 121.6
 192 17.3 13.8 20.6



#36
 1,1-Dichloropropene
 Concen: 48.954 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Tgt Ion: 75 Resp: 256112
 Ion Ratio Lower Upper
 75 100
 110 33.1 16.5 49.5
 77 31.5 24.2 36.2

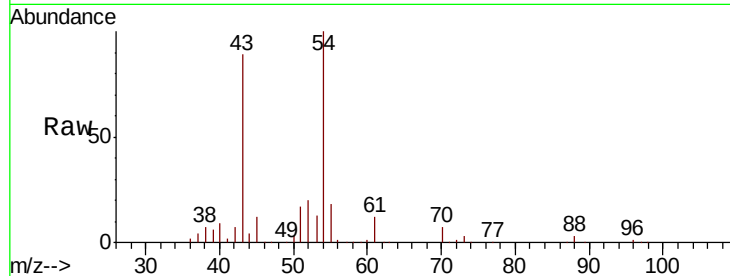




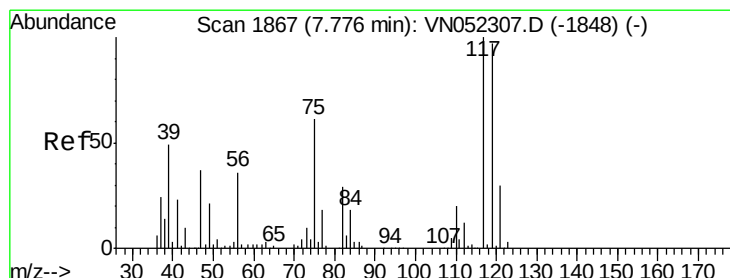
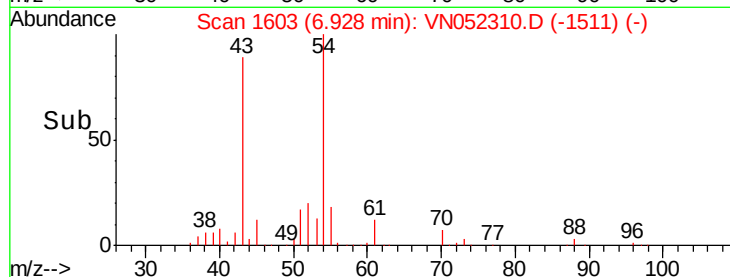
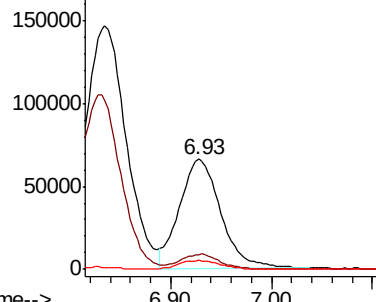
#37
Ethyl Acetate
Concen: 49.300 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111418

Tot Ion: 43 Resp: 187186
Ion Ratio Lower Upper
43 100
61 12.9 10.3 15.5
70 8.2 5.6 8.4

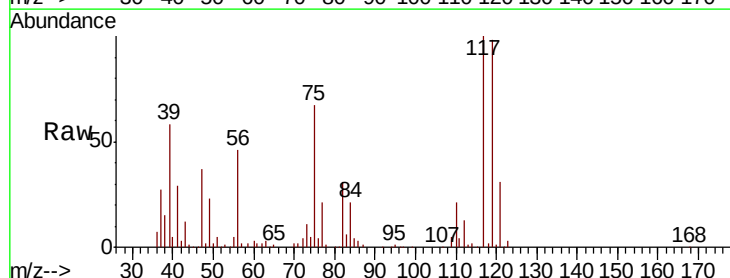


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

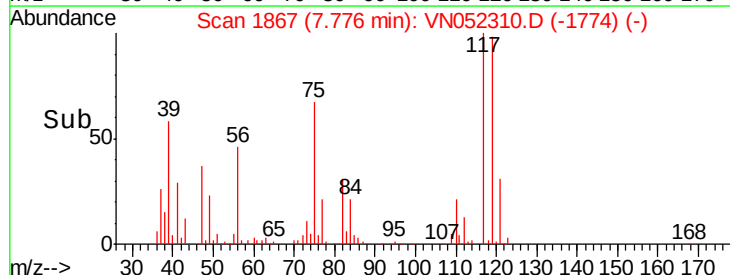
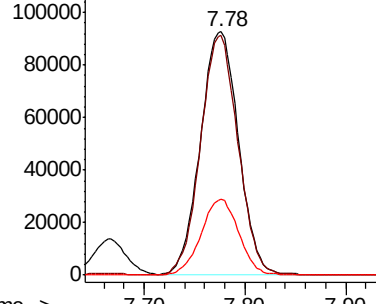


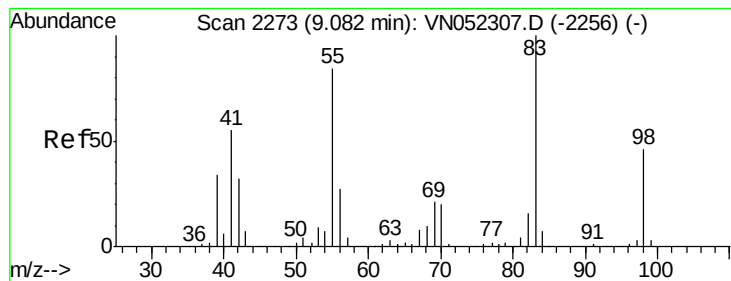
#38
Carbon Tetrachloride
Concen: 50.379 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Tgt Ion: 117 Resp: 242150
Ion Ratio Lower Upper
117 100
119 98.6 77.4 116.0
121 31.4 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#39

Methylvlcyclohexane

Concen: 51.599 ug/l

RT: 9.08 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN111418

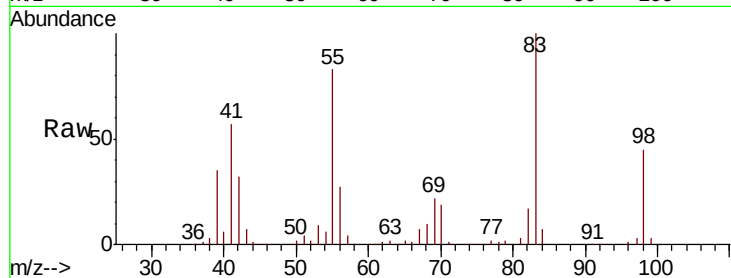
Tot Ion: 83 Resp: 308169

Ion Ratio Lower Upper

83 100

55 83.4 66.8 100.2

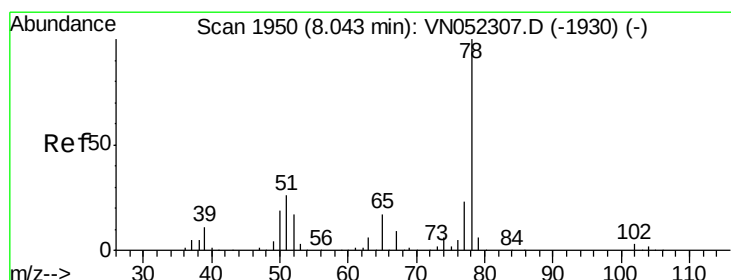
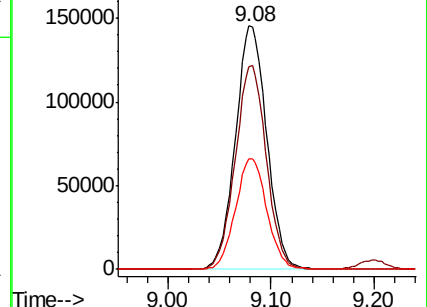
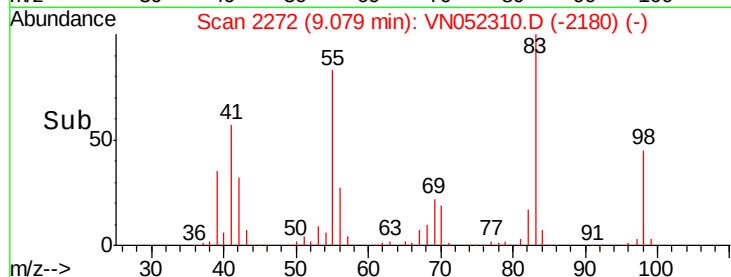
98 45.5 36.4 54.6



Abundance Ion 83.00 (82.70 to 83.70): VN052310.D (-2180) (-)

Ion 55.00 (54.70 to 55.70): VN052310.D (-2180) (-)

Ion 98.00 (97.70 to 98.70): VN052310.D (-2180) (-)



#40

Benzene

Concen: 48.338 ug/l

RT: 8.04 min Scan# 1950

Delta R.T. 0.00 min

Lab File: VN052310.D

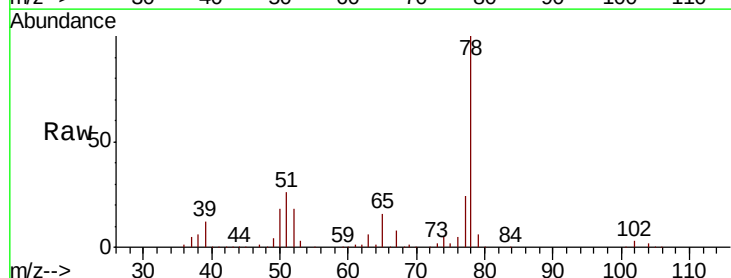
Acq: 14 Nov 2018 13:16

Tgt Ion: 78 Resp: 722460

Ion Ratio Lower Upper

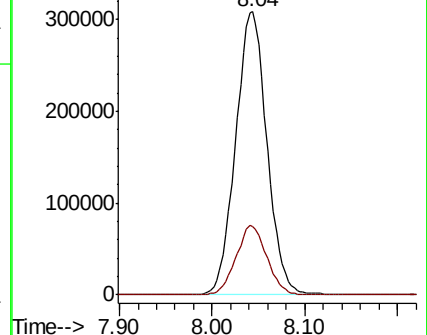
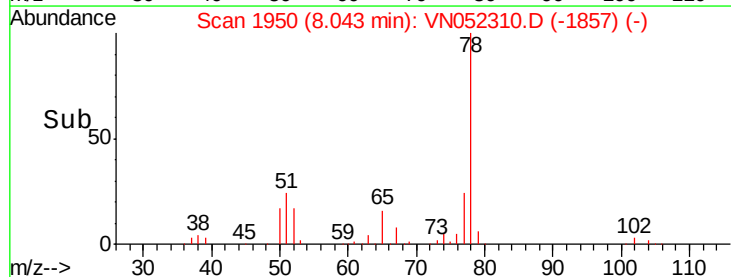
78 100

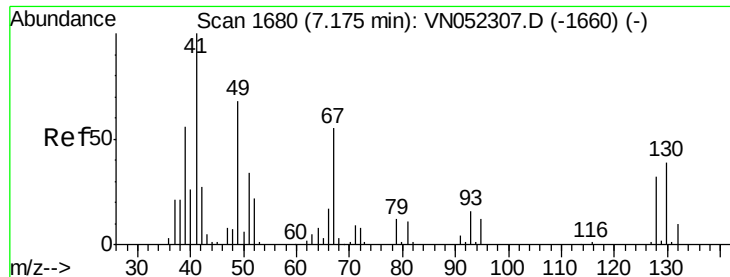
77 24.4 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN052310.D (-1857) (-)

Ion 77.00 (76.70 to 77.70): VN052310.D (-1857) (-)

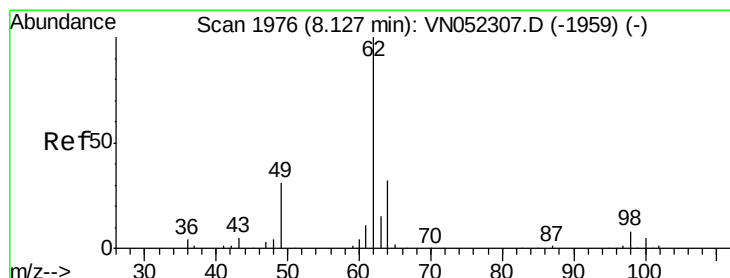
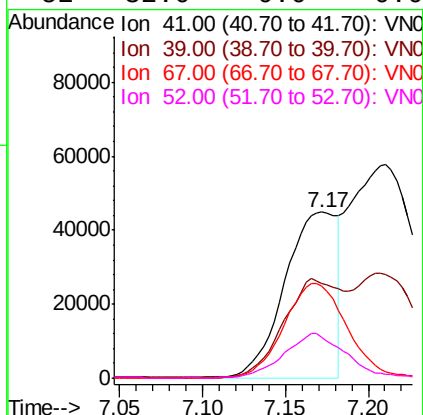
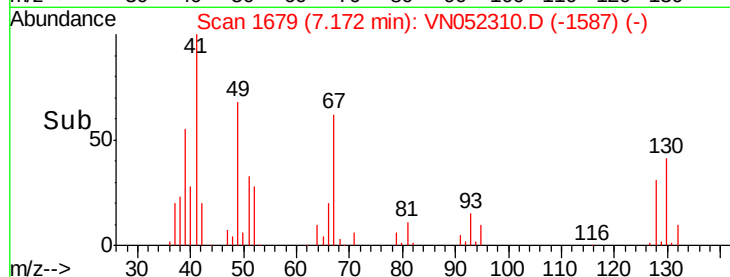
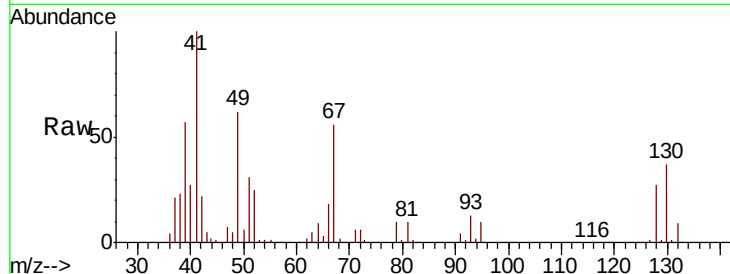




#41
Methacrylonitrile
Concen: 47.291 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

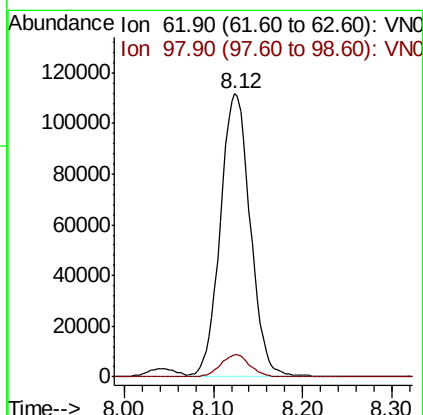
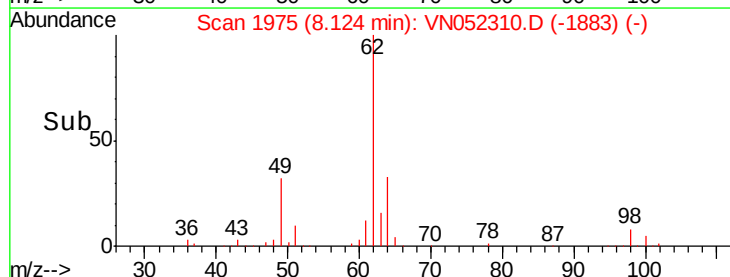
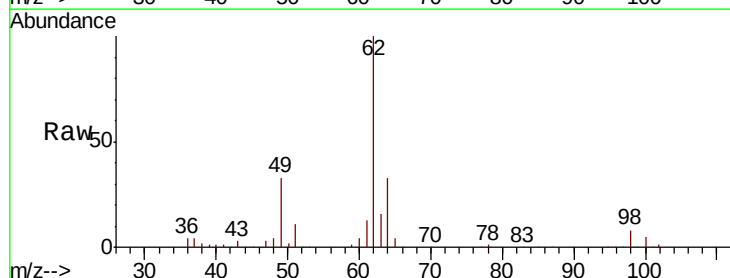
Instrument :
MSVOA_N
ClientSampled :
ICVVN111418

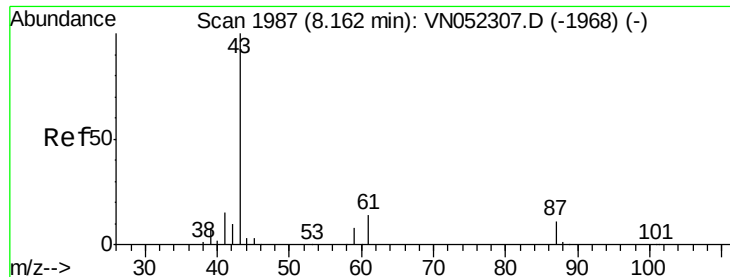
Tot Ion: 41 Resp: 99270
Ion Ratio Lower Upper
41 100
39 67.0 0.0 0.0#
67 68.7 0.0 0.0#
52 32.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 48.663 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Tgt Ion: 62 Resp: 259354
Ion Ratio Lower Upper
62 100
98 7.7 0.0 15.6





#43

Isopropyl Acetate

Concen: 47.399 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVFN111418

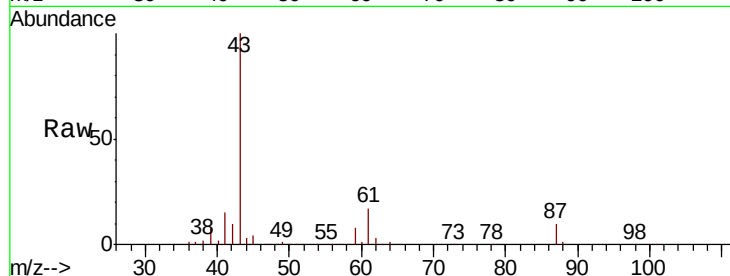
Tot Ion: 43 Resp: 347279

Ion Ratio Lower Upper

43 100

61 16.1 12.0 18.0

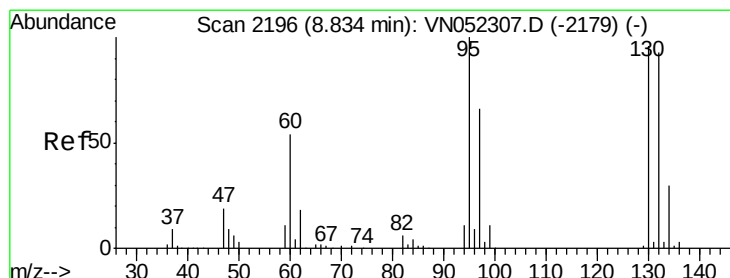
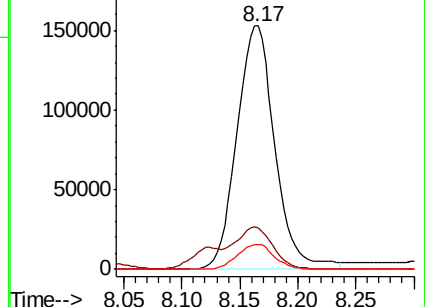
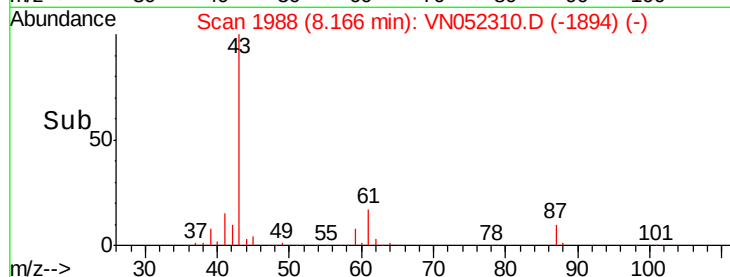
87 10.0 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052310.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN052310.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN052310.D (-1894) (-)



#44

Trichloroethene

Concen: 49.942 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN052310.D

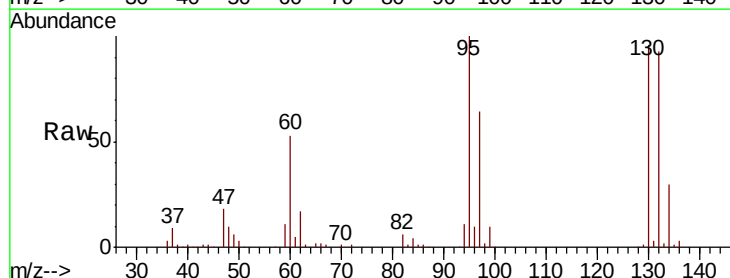
Acq: 14 Nov 2018 13:16

Tgt Ion:130 Resp: 183863

Ion Ratio Lower Upper

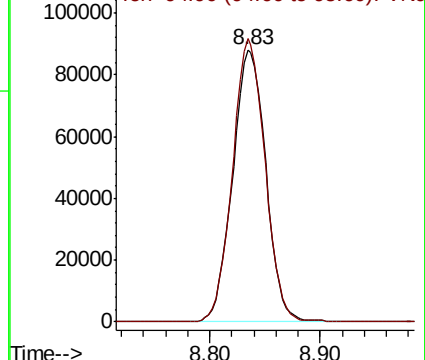
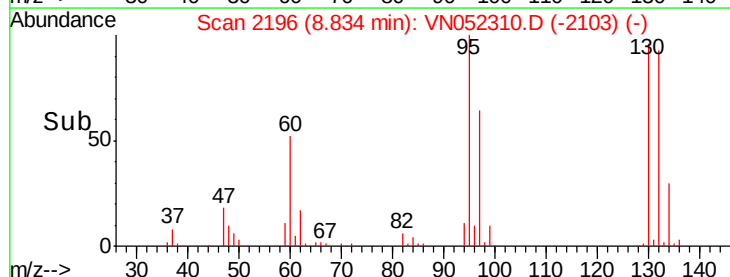
130 100

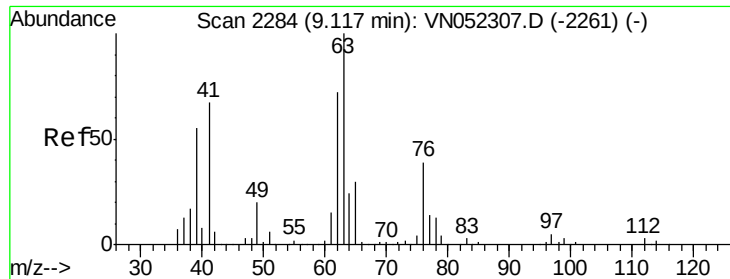
95 103.9 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052310.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN052310.D (-2103) (-)

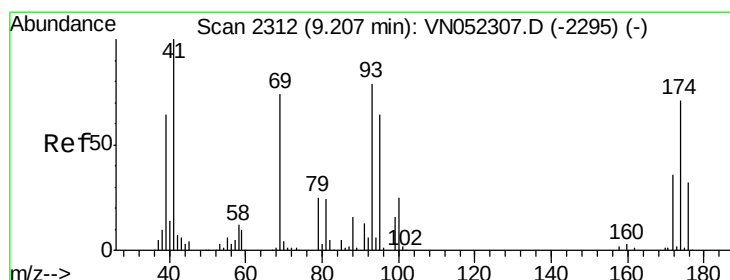
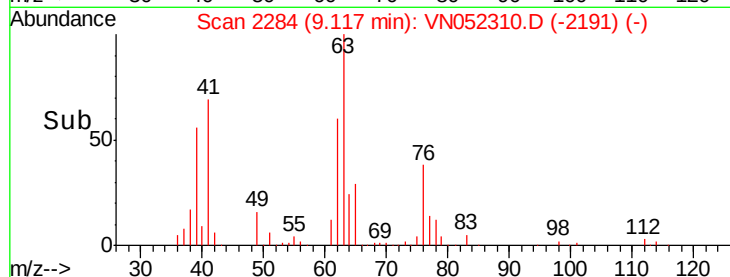
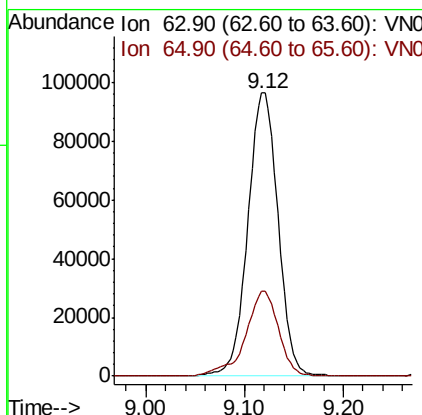
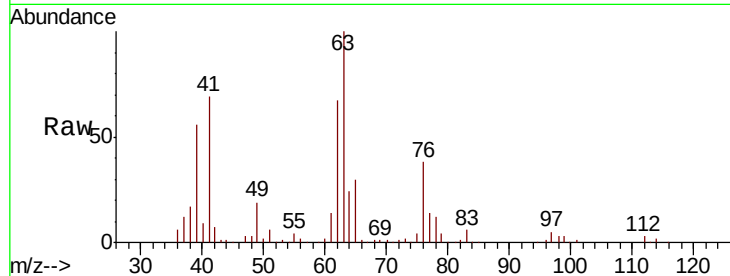




#45
 1,2-Dichloropropane
 Concen: 48.043 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

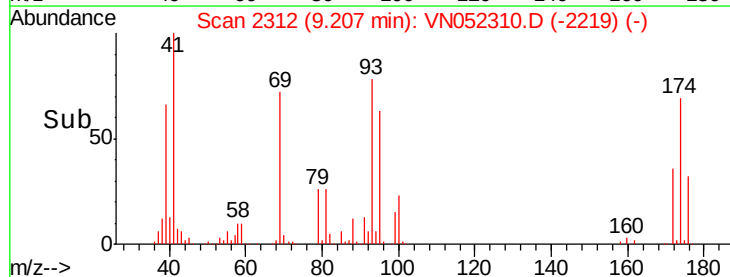
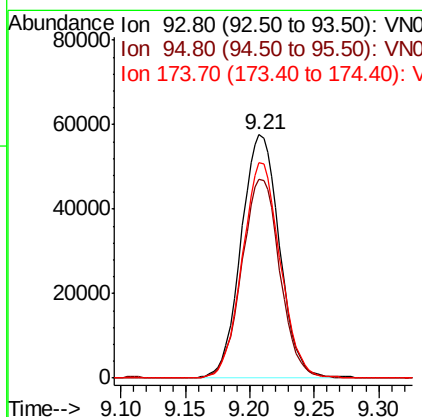
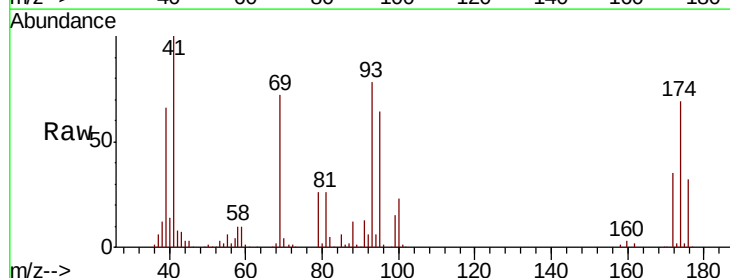
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111418

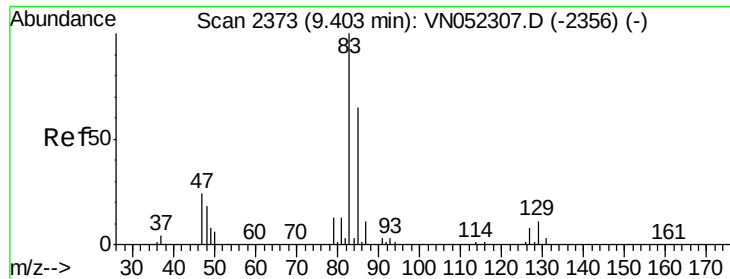
Tot Ion: 63 Resp: 203778
 Ion Ratio Lower Upper
 63 100
 65 30.0 24.2 36.4



#46
 Dibromomethane
 Concen: 48.619 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Tgt Ion: 93 Resp: 119382
 Ion Ratio Lower Upper
 93 100
 95 81.7 64.2 96.2
 174 87.7 70.9 106.3





#47

Bromodichloromethane

Concen: 49.577 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN111418

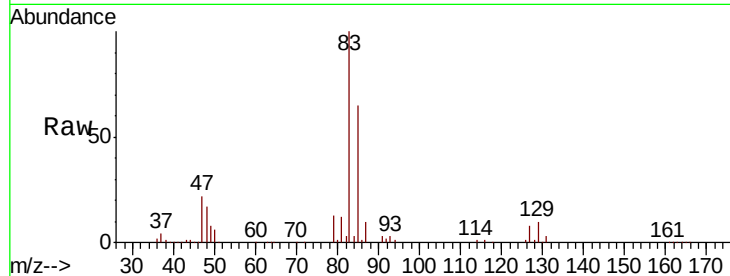
Tot Ion: 83 Resp: 249806

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.4

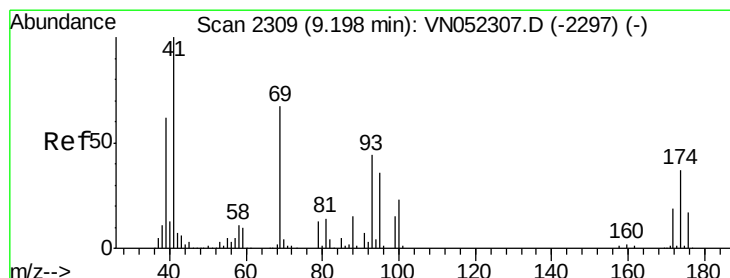
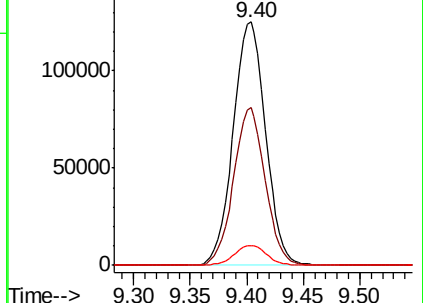
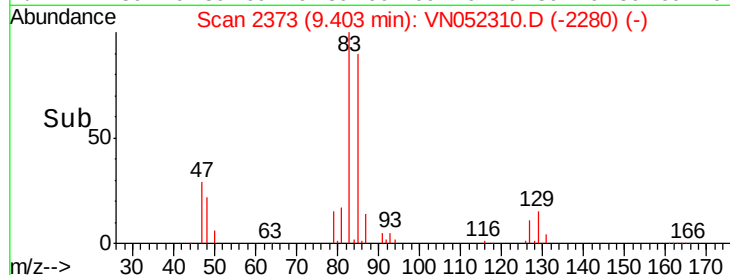
127 8.2 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN052310.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052310.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052310.D (-2280) (-)



#48

Methyl methacrylate

Concen: 47.358 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

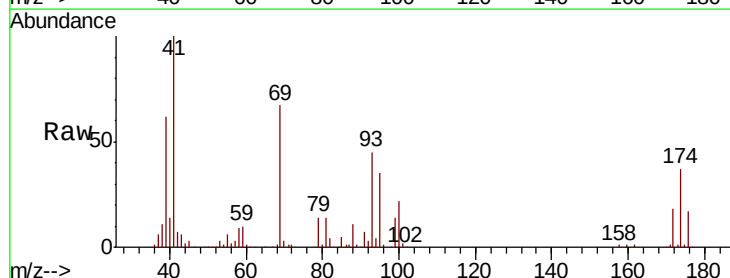
Tgt Ion: 41 Resp: 176064

Ion Ratio Lower Upper

41 100

69 72.3 57.1 85.7

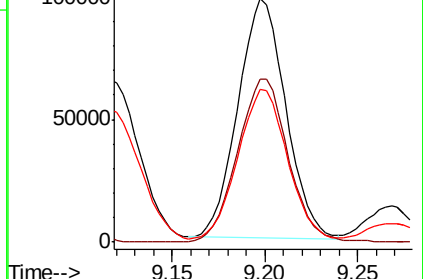
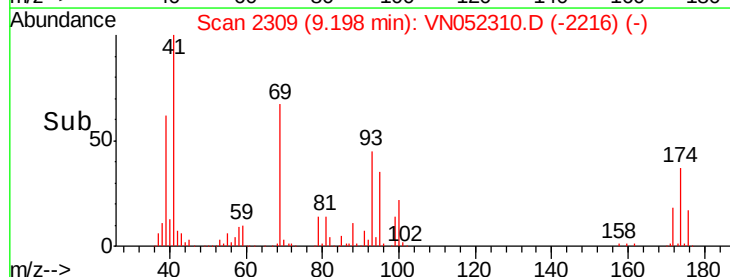
39 64.0 52.5 78.7

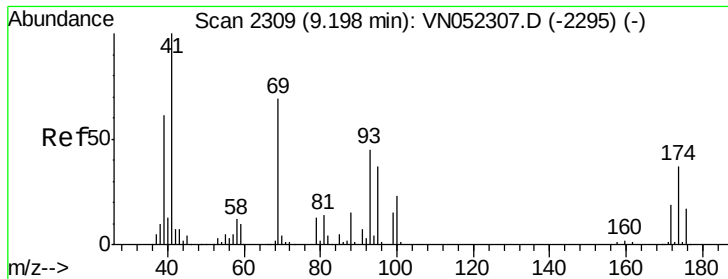


Abundance Ion 41.00 (40.70 to 41.70): VN052310.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052310.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052310.D (-2216) (-)





#49

1,4-Dioxane

Concen: 802.237 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

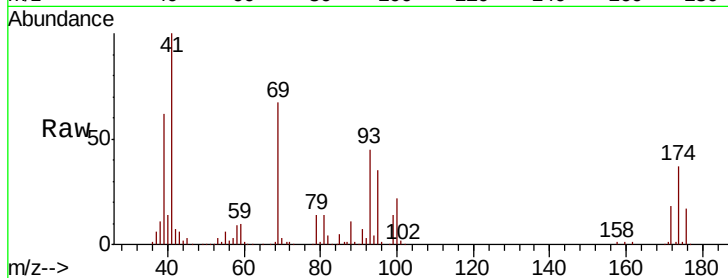
MSVOA_N

ClientSampleId :

ICVFN111418

Tot Ion: 88 Resp: 22895

Ion	Ratio	Lower	Upper
88	100		
43	48.7	33.3	49.9
58	78.0	59.2	88.8

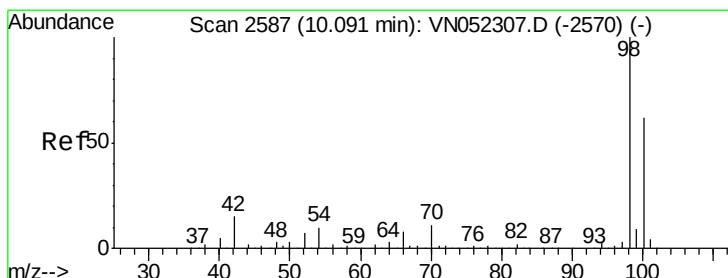
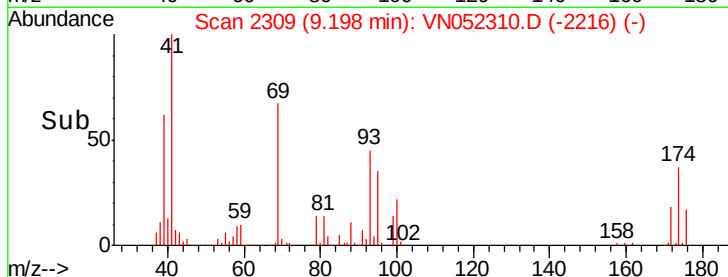
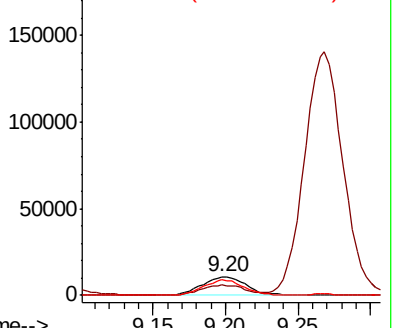


Abundance

Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#50

Toluene-d8

Concen: 802.237 ug/l

RT: 10.09 min Scan# 2586

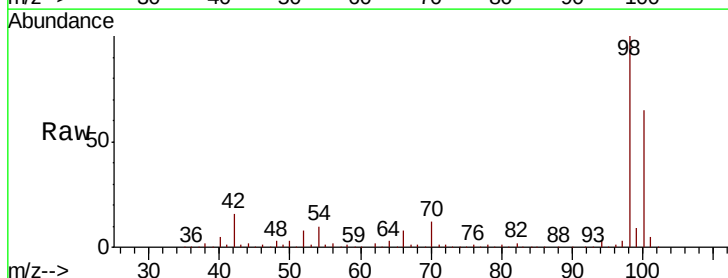
Delta R.T. -0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Tgt Ion: 98 Resp: 654536

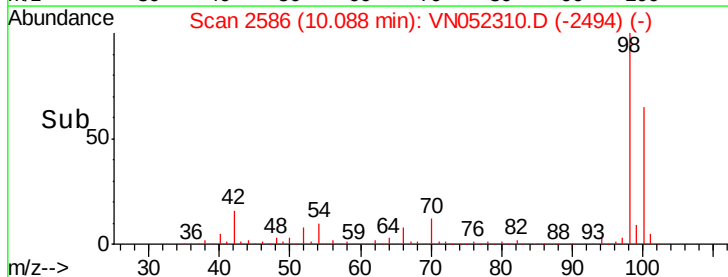
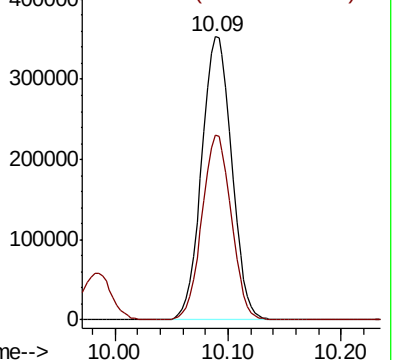
Ion	Ratio	Lower	Upper
98	100		
100	63.6	49.5	74.3

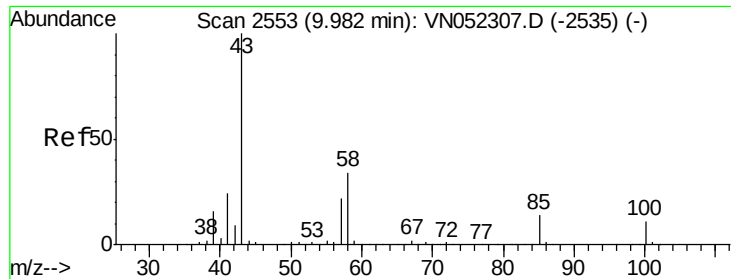


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 249.041 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

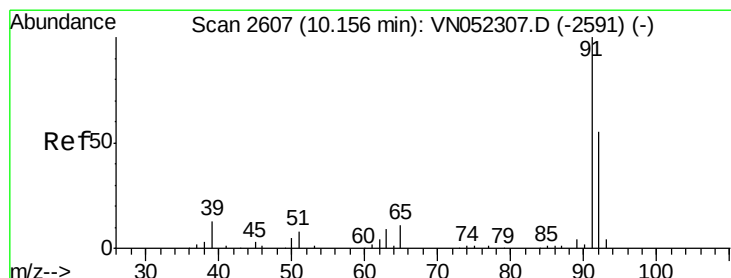
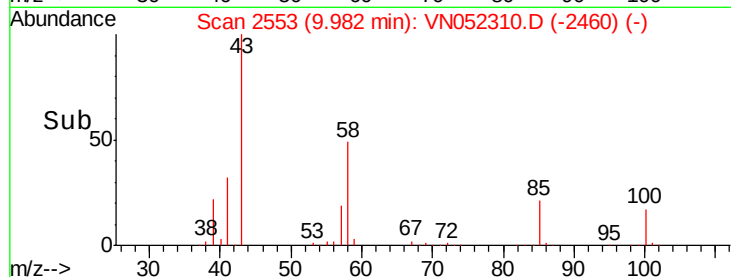
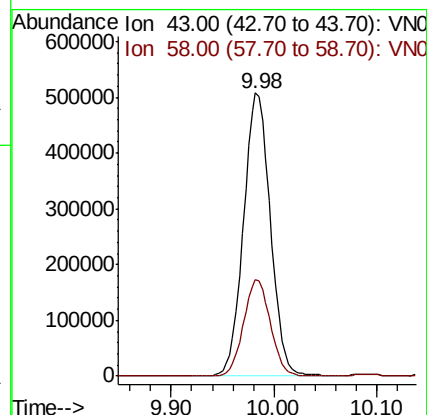
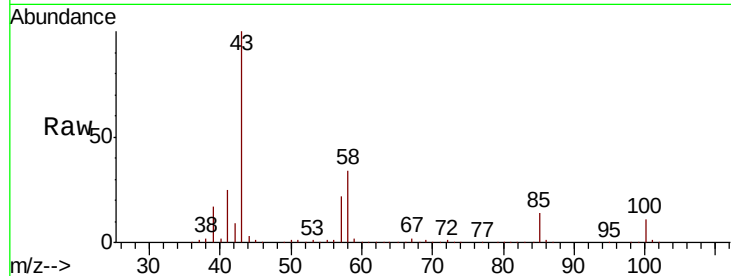
ICVVN111418

Tot Ion: 43 Resp: 918475

Ion Ratio Lower Upper

43 100

58 34.1 27.0 40.6



#52

Toluene

Concen: 49.455 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052310.D

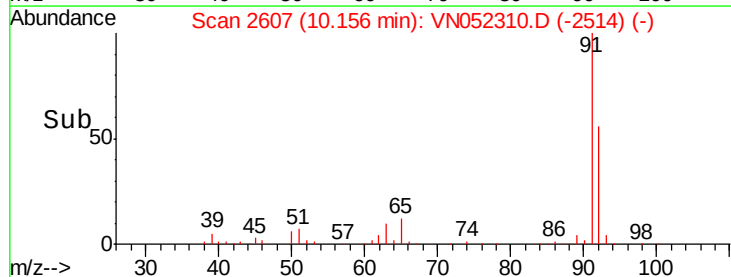
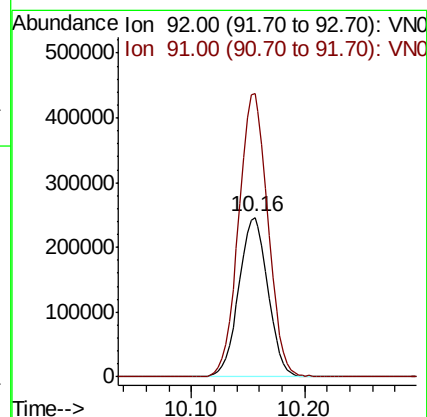
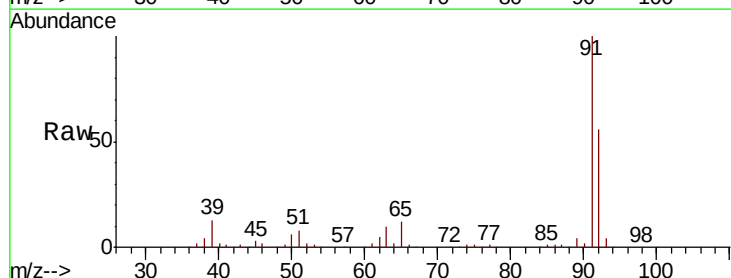
Acq: 14 Nov 2018 13:16

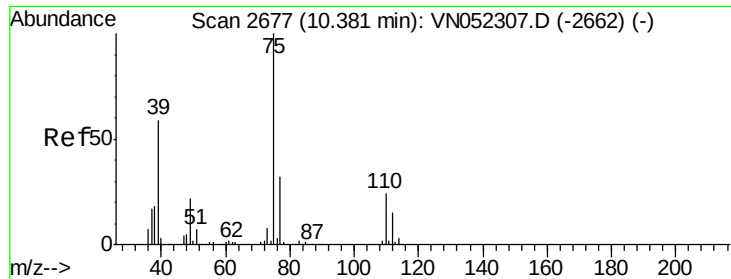
Tgt Ion: 92 Resp: 442171

Ion Ratio Lower Upper

92 100

91 178.5 143.6 215.4





#53

t-1,3-Dichloropropene

Concen: 51.254 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

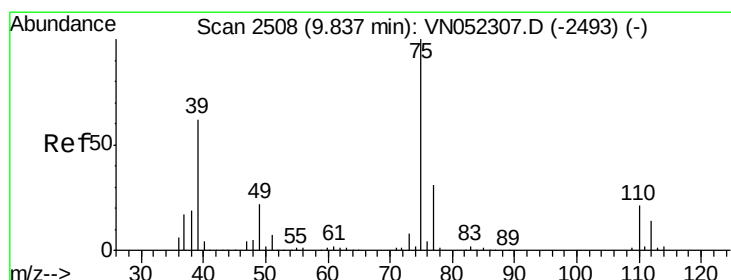
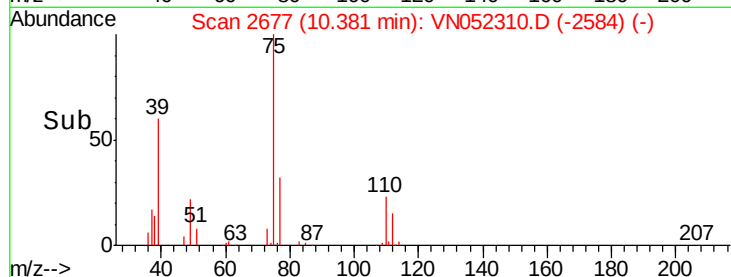
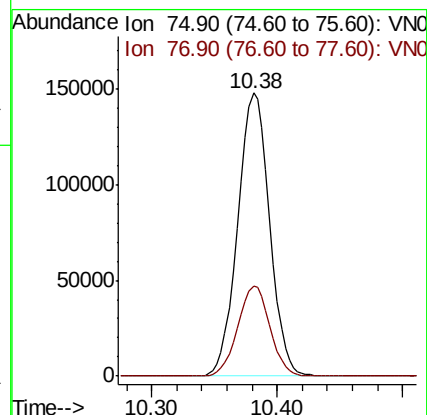
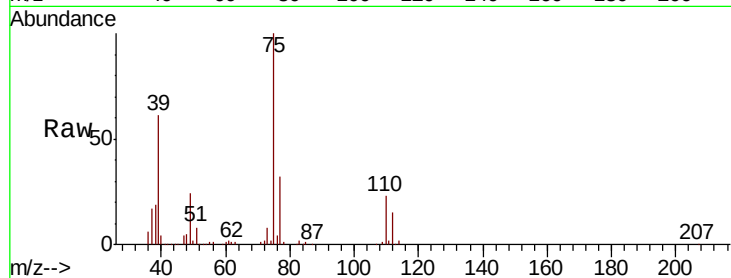
ICVVN111418

Tot Ion: 75 Resp: 260467

Ion Ratio Lower Upper

75 100

77 31.8 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 51.531 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

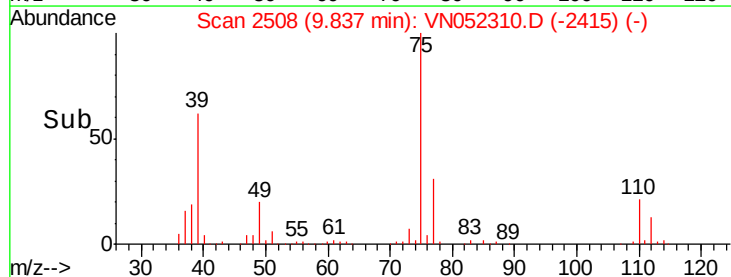
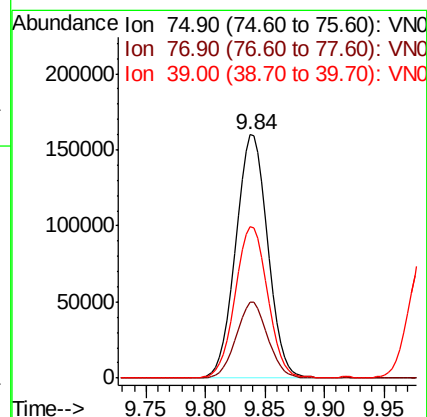
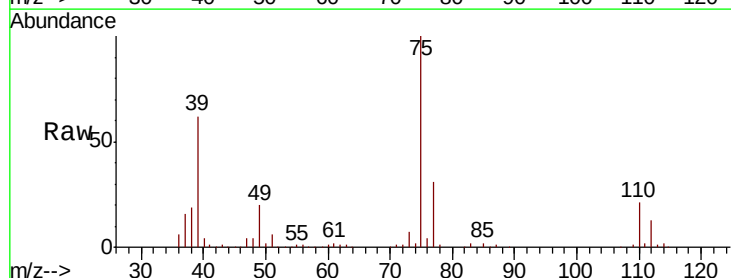
Tgt Ion: 75 Resp: 298530

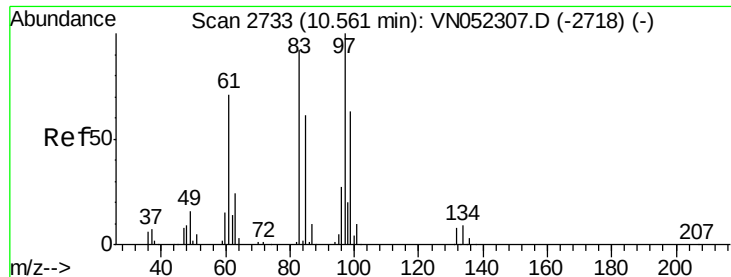
Ion Ratio Lower Upper

75 100

77 31.3 24.6 36.8

39 62.0 49.9 74.9





#55

1,1,2-Trichloroethane

Concen: 48.174 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN111418

Tot Ion: 97 Resp: 156142

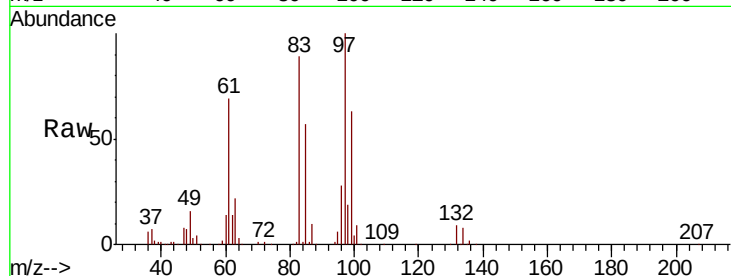
Ion Ratio Lower Upper

97 100

83 88.8 73.8 110.6

85 56.8 49.0 73.4

99 63.4 50.5 75.7

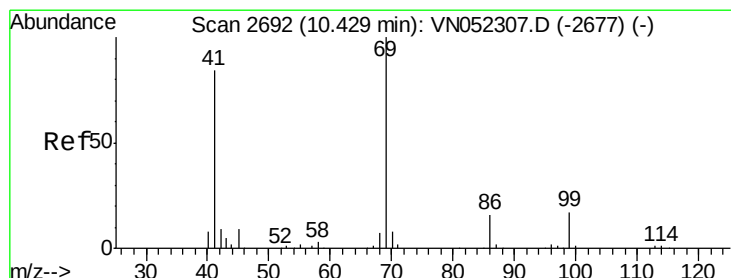
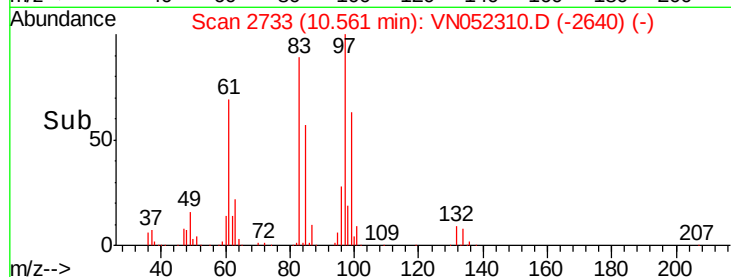
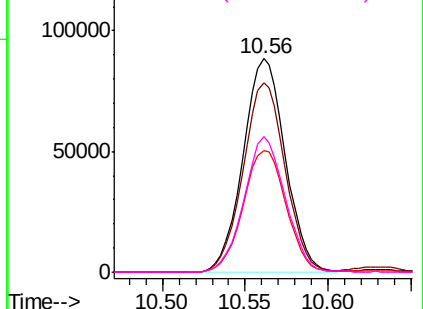


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 51.512 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

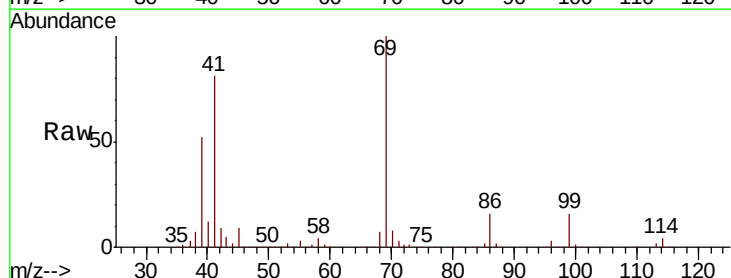
Tgt Ion: 69 Resp: 219572

Ion Ratio Lower Upper

69 100

41 80.5 64.8 97.2

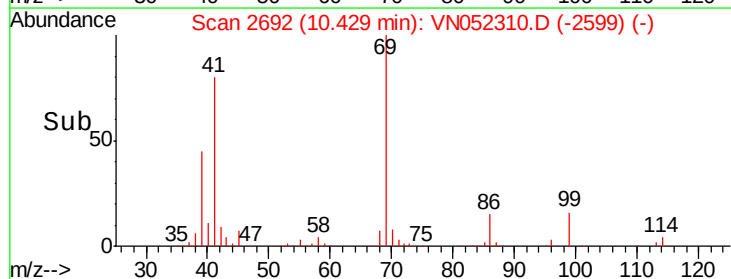
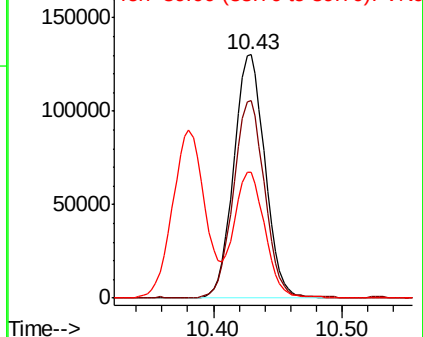
39 50.7 41.0 61.6

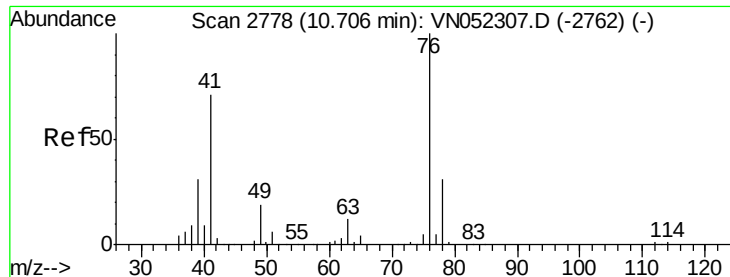


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

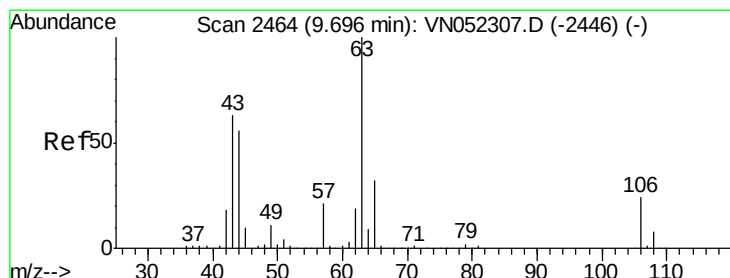
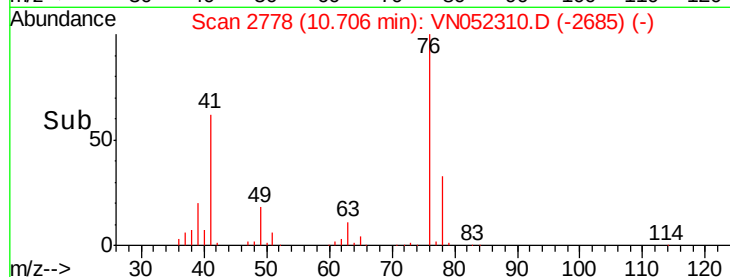
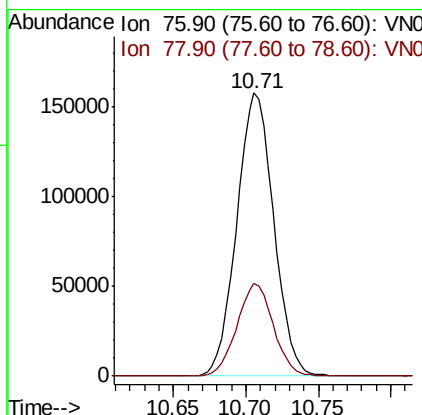
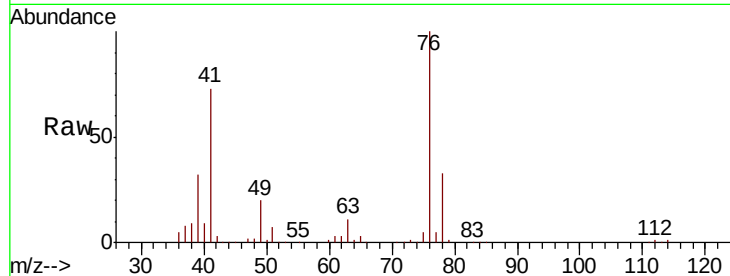




#57
 1,3-Dichloropropane
 Concen: 48.598 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

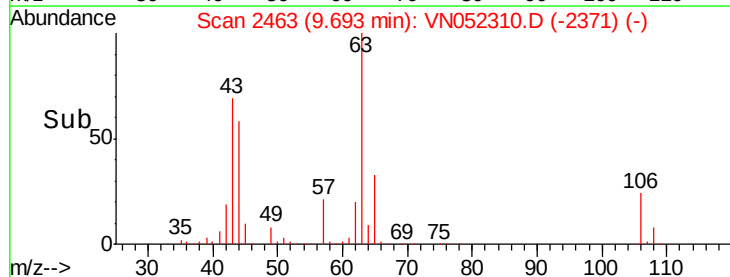
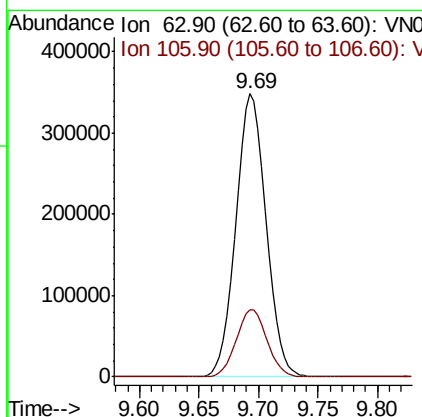
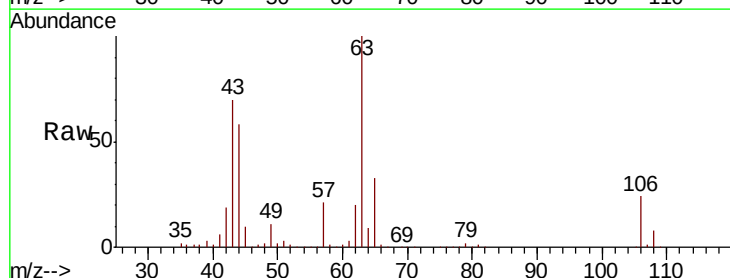
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111418

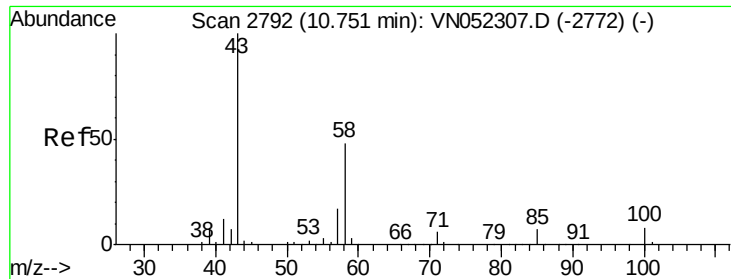
Tot Ion: 76 Resp: 278999
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.709 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Tgt Ion: 63 Resp: 613270
 Ion Ratio Lower Upper
 63 100
 106 24.1 19.3 28.9

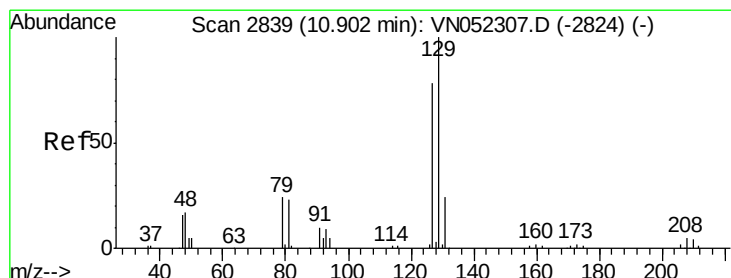
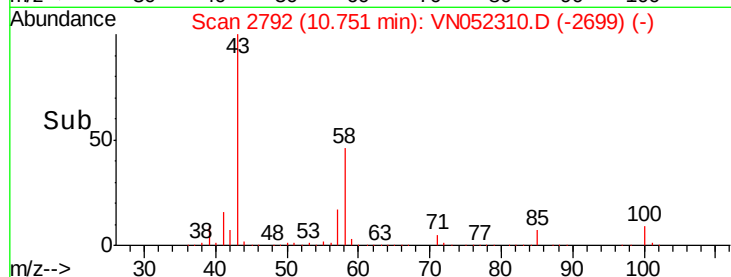
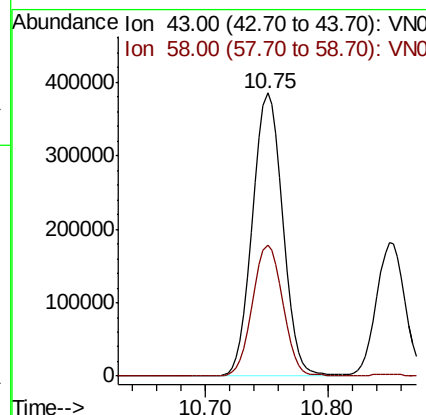
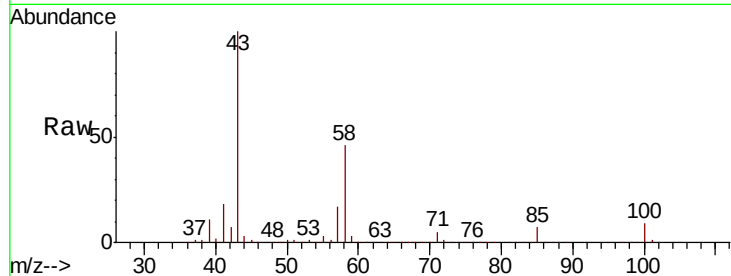




#59
2-Hexanone
Concen: 258.766 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

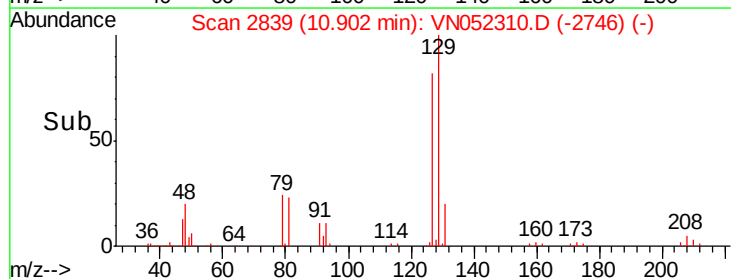
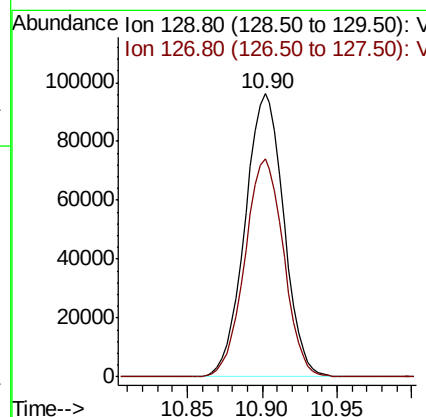
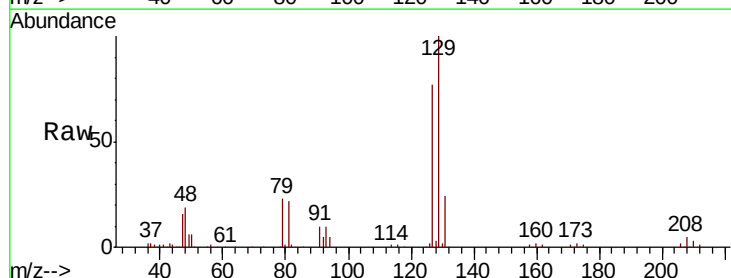
Instrument :
MSVOA_N
ClientSampleId :
ICVVN111418

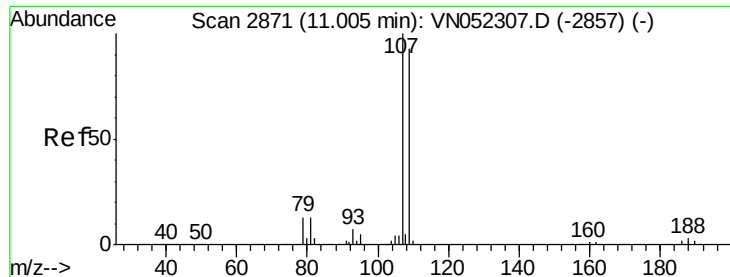
Tot Ion: 43 Resp: 656424
Ion Ratio Lower Upper
43 100
58 46.6 23.5 70.6



#60
Dibromochloromethane
Concen: 49.558 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Tgt Ion: 129 Resp: 173787
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

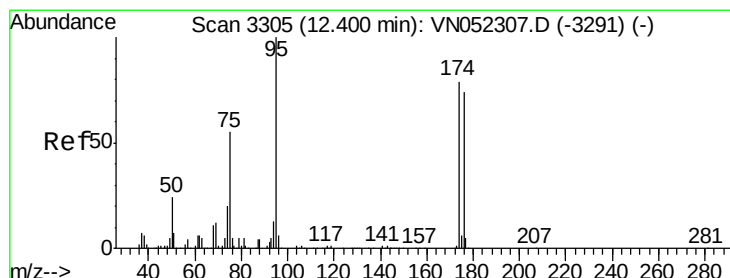
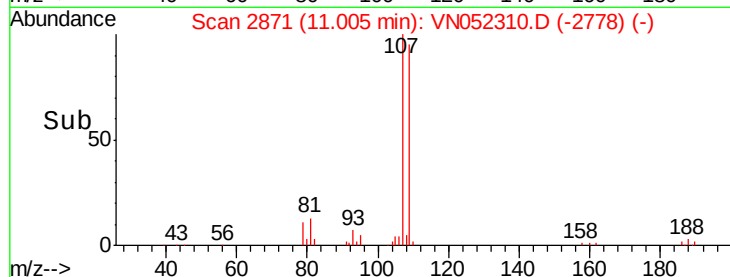
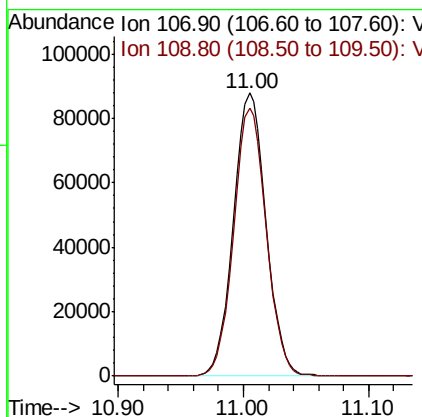
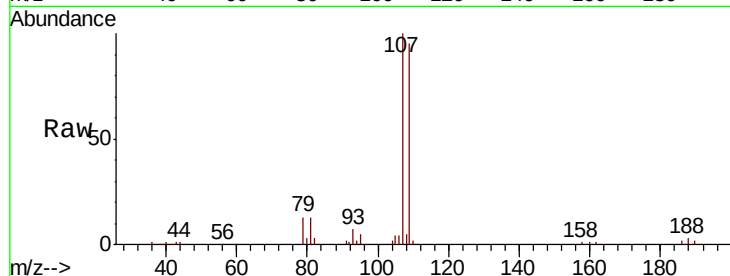




#61
 1,2-Dibromoethane
 Concen: 49.204 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

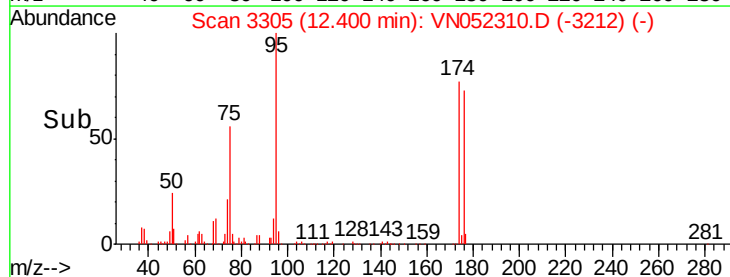
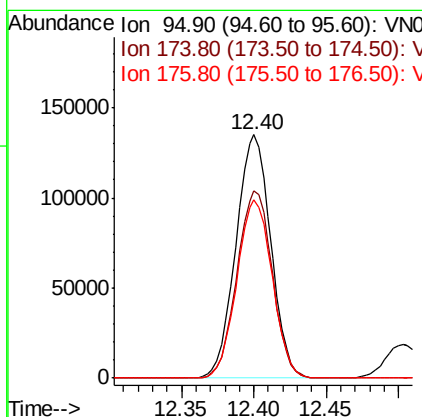
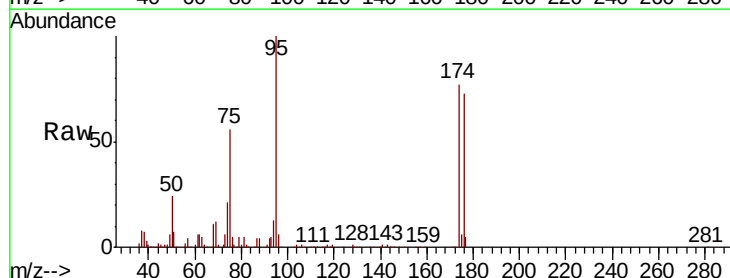
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111418

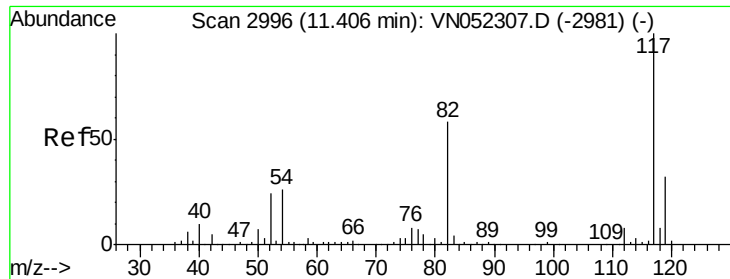
Tot Ion: 107 Resp: 158859
 Ion Ratio Lower Upper
 107 100
 109 94.2 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 49.204 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Tgt Ion: 95 Resp: 225073
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 156.0
 176 74.6 0.0 148.4

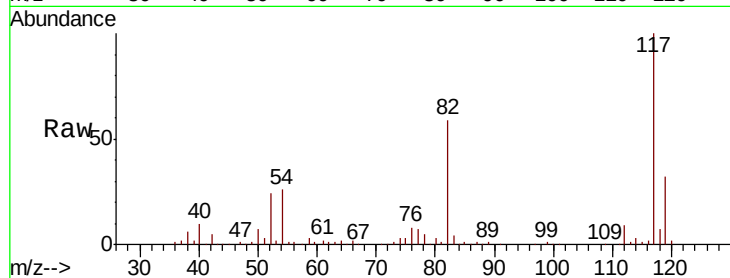




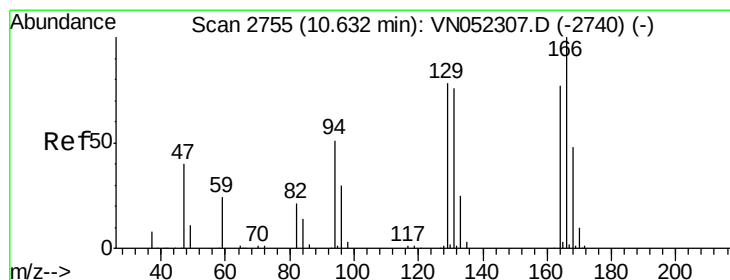
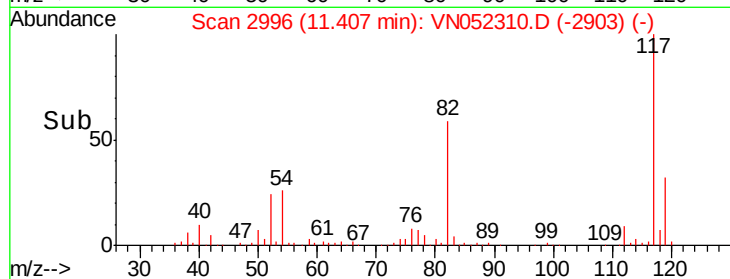
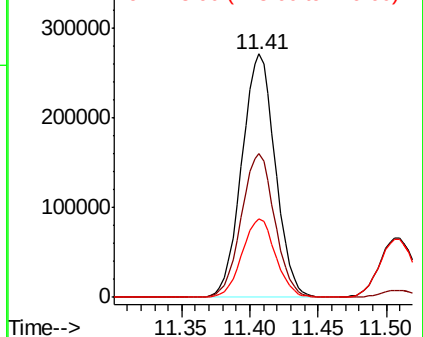
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Instrument :
MSVOA_N
ClientSampleId :
ICVVN111418

Tot Ion:117 Resp: 461007
Ion Ratio Lower Upper
117 100
82 58.9 46.5 69.7
119 32.0 25.7 38.5

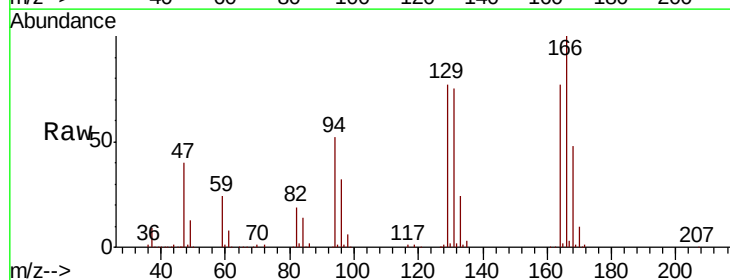


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

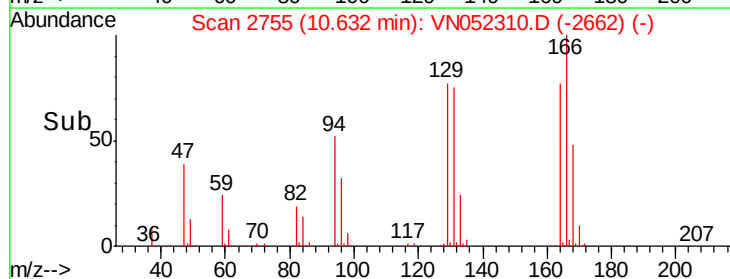
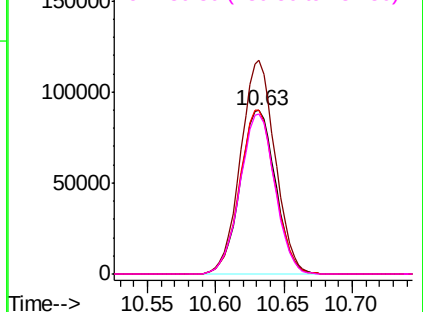


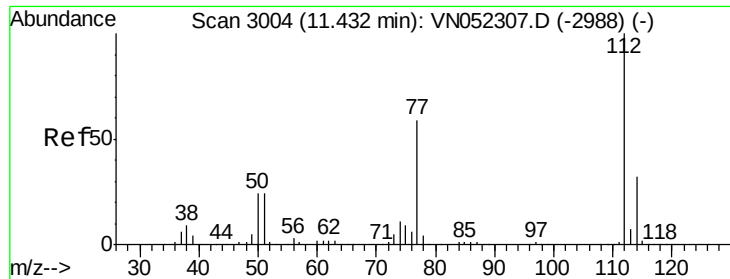
#64
Tetrachloroethene
Concen: 49.380 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Tgt Ion:164 Resp: 161842
Ion Ratio Lower Upper
164 100
166 130.5 103.8 155.6
129 100.4 80.7 121.1
131 97.7 78.5 117.7



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

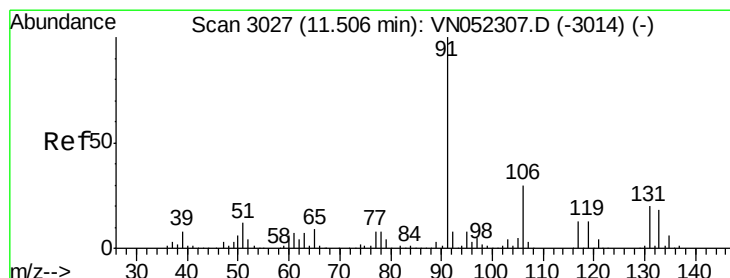
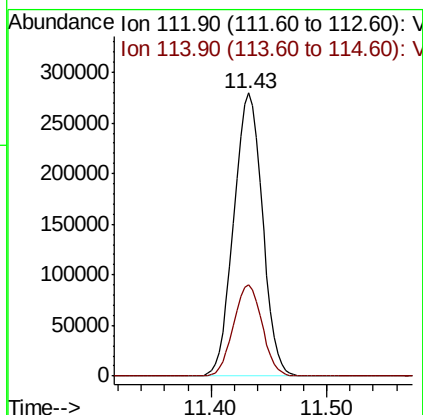
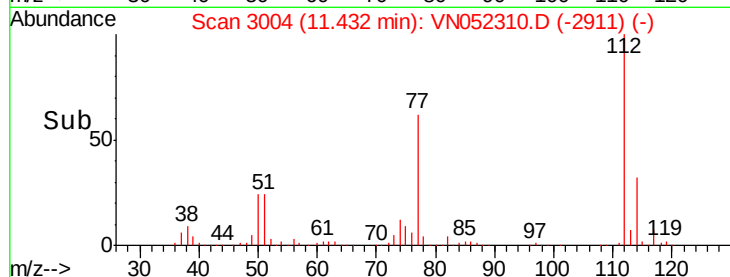
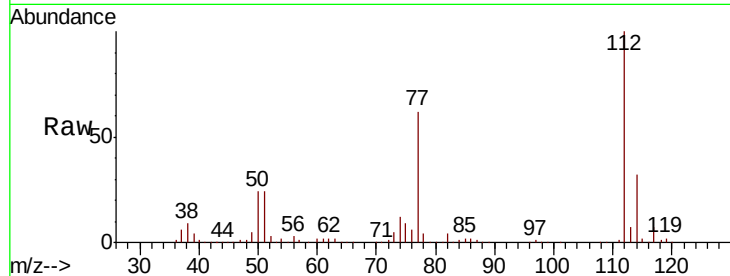




#65
Chlorobenzene
Concen: 49.281 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

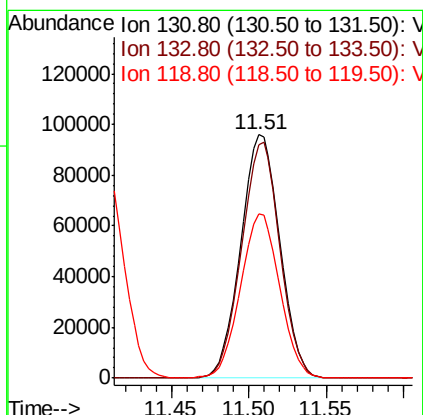
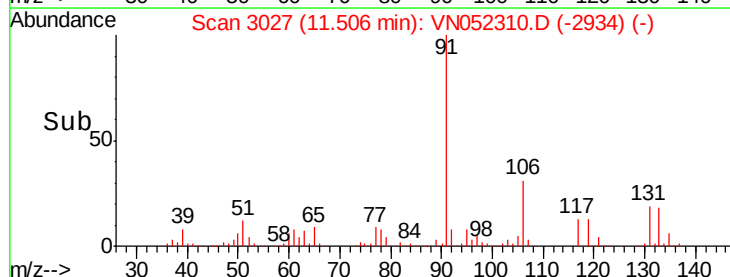
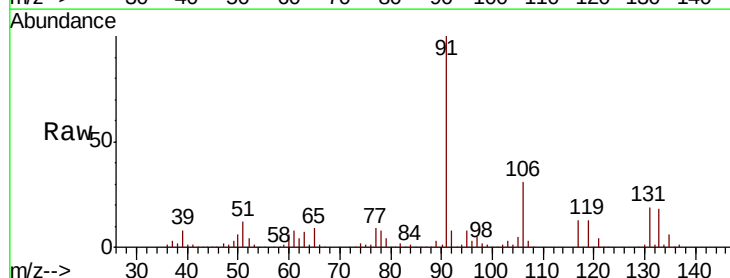
Instrument :
MSVOA_N
ClientSampleId :
ICVNN111418

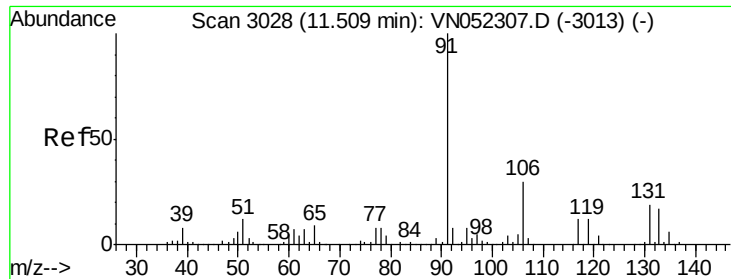
Tot Ion:112 Resp: 480222
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.801 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Tgt Ion:131 Resp: 168807
Ion Ratio Lower Upper
131 100
133 95.5 47.4 142.3
119 67.6 33.3 99.9

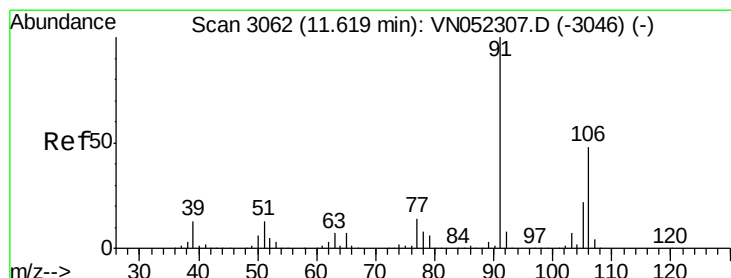
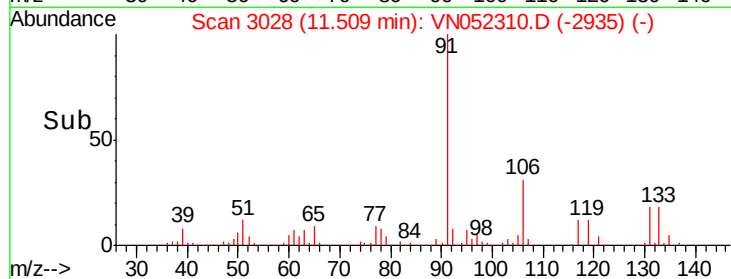
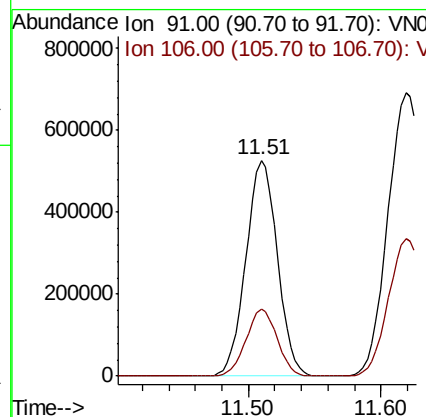
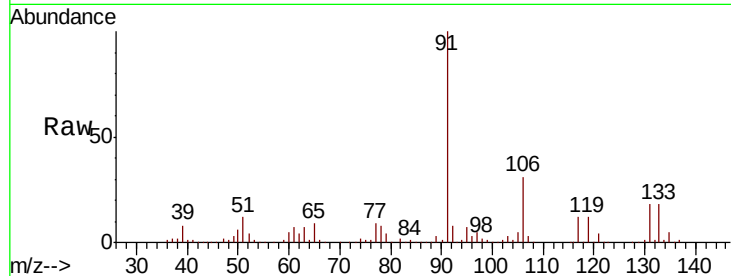




#67
Ethyl Benzene
Concen: 51.299 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

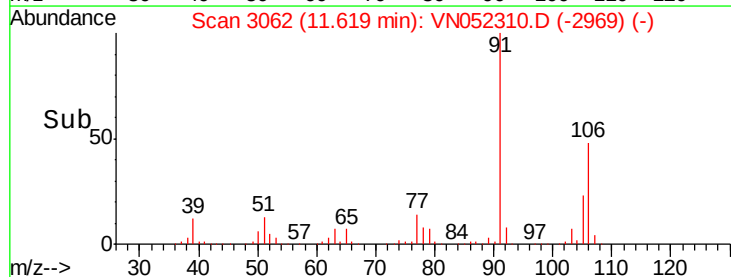
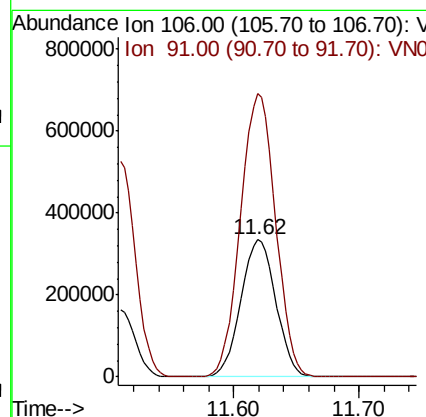
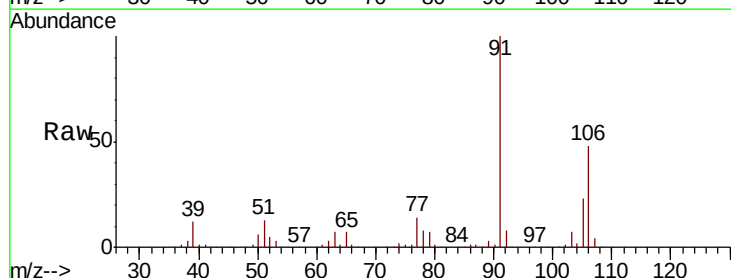
Instrument :
MSVOA_N
ClientSampled :
ICVFN111418

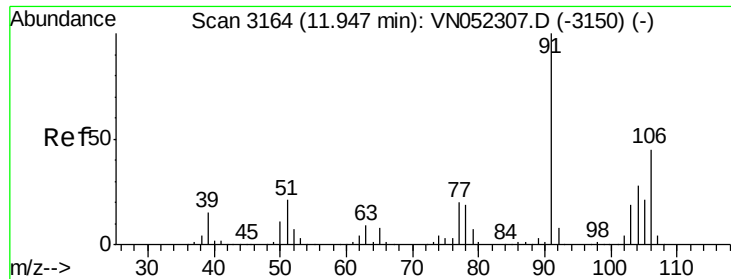
Tot Ion: 91 Resp: 867607
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2



#68
m/p-Xylenes
Concen: 104.888 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Tgt Ion: 106 Resp: 648161
Ion Ratio Lower Upper
106 100
91 207.3 165.5 248.3

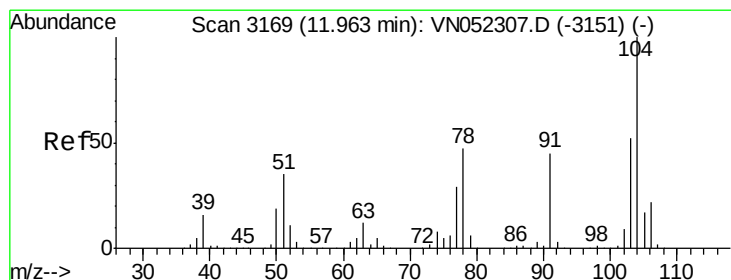
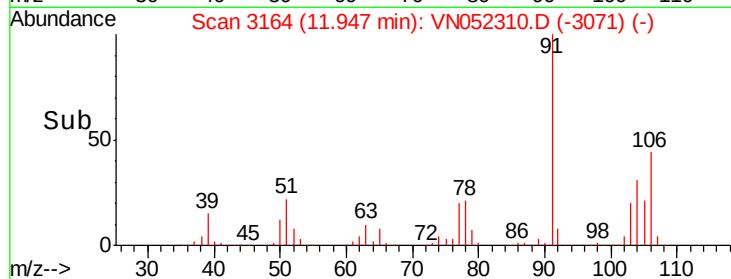
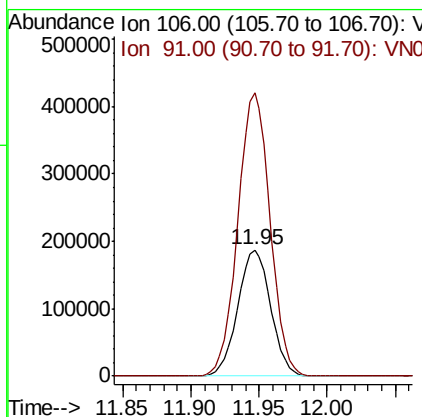
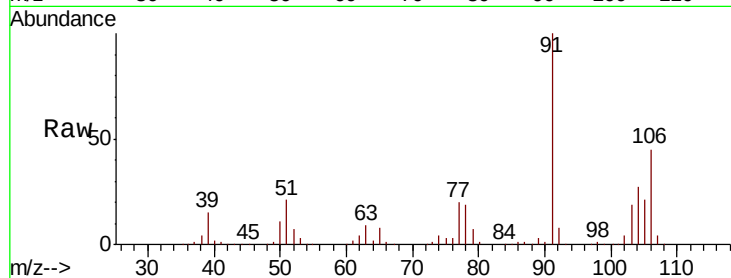




#69
o-Xylene
Concen: 52.768 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

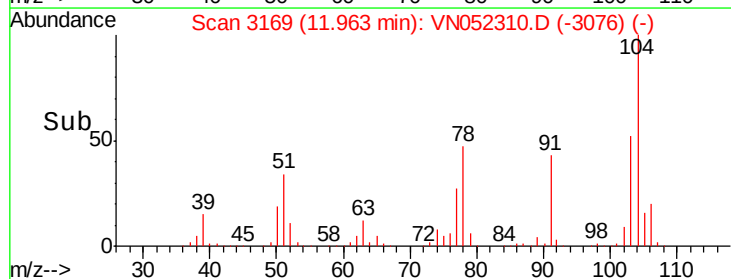
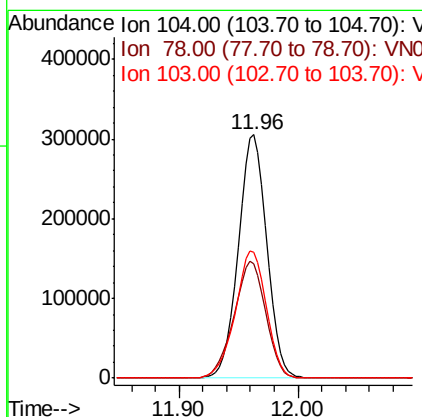
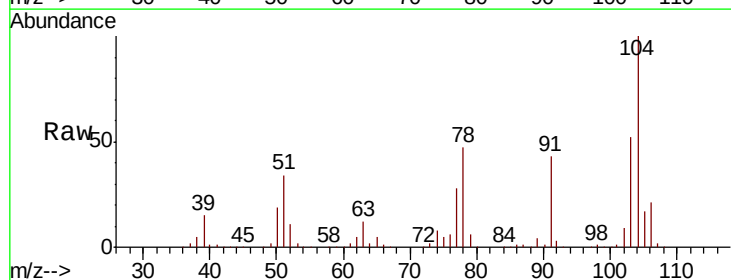
Instrument :
MSVOA_N
ClientSampleId :
ICVVN111418

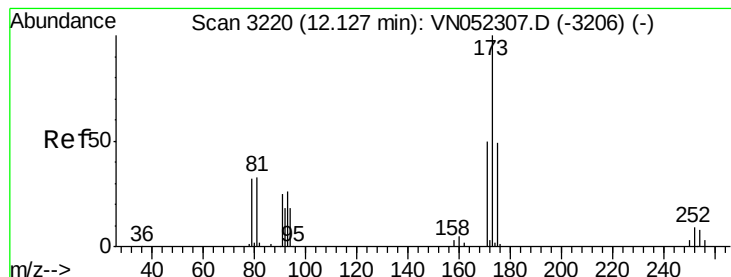
Tot Ion:106 Resp: 312573
Ion Ratio Lower Upper
106 100
91 220.7 110.0 330.0



#70
Styrene
Concen: 53.369 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052310.D
Acq: 14 Nov 2018 13:16

Tgt Ion:104 Resp: 506197
Ion Ratio Lower Upper
104 100
78 53.5 42.7 64.1
103 57.0 45.4 68.0





#71

Bromoform

Concen: 52.944 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVFN111418

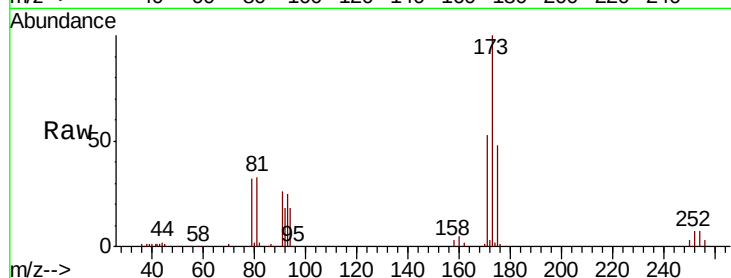
Tot Ion:173 Resp: 103874

Ion Ratio Lower Upper

173 100

175 48.3 25.0 75.0

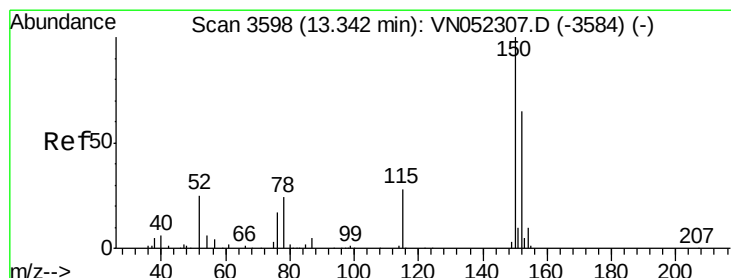
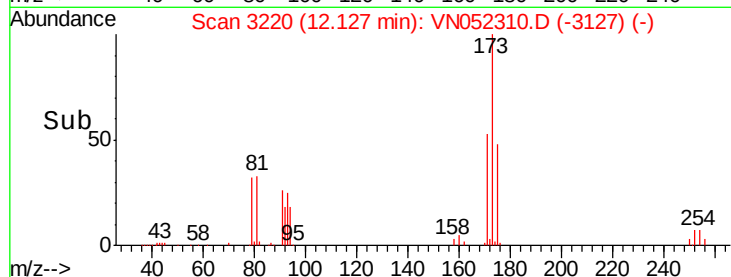
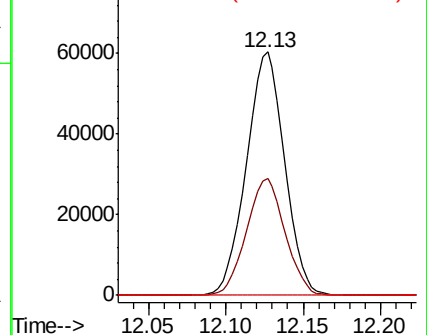
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

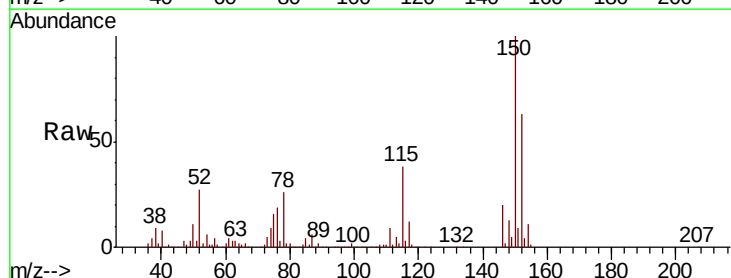
Tgt Ion:152 Resp: 218746

Ion Ratio Lower Upper

152 100

115 60.0 30.3 91.0

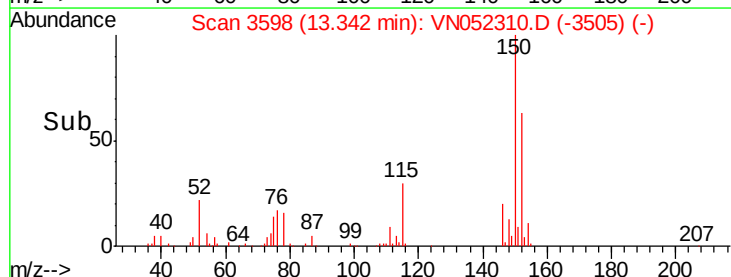
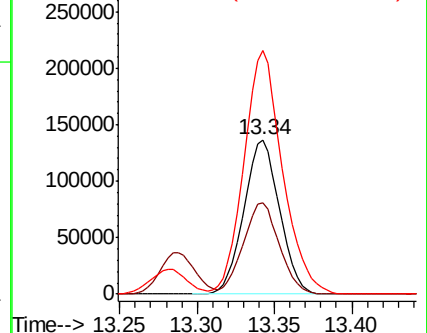
150 170.7 0.0 348.2

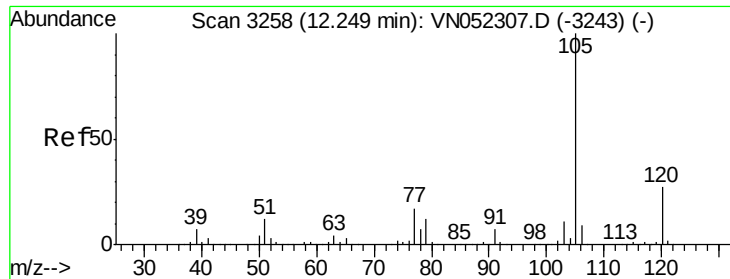


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.666 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

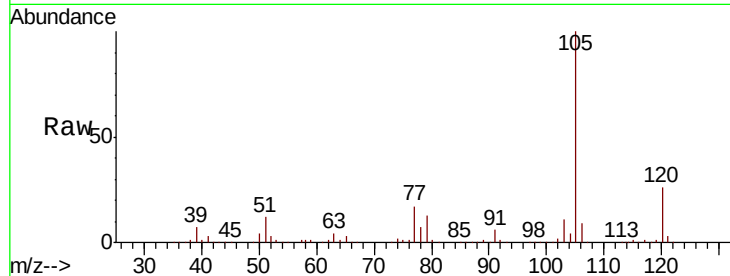
ICVFN111418

Tot Ion:105 Resp: 855901

Ion Ratio Lower Upper

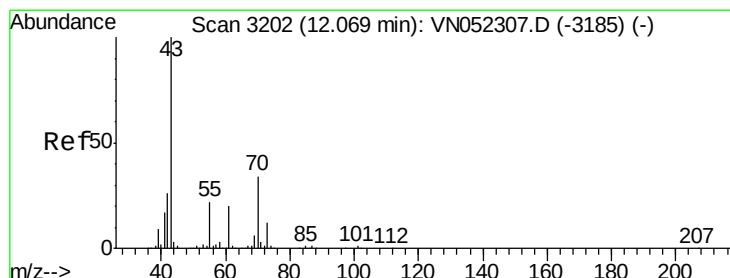
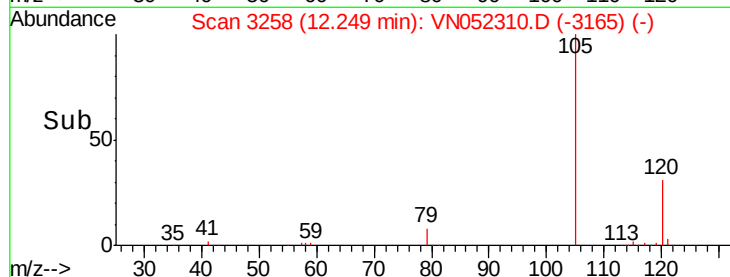
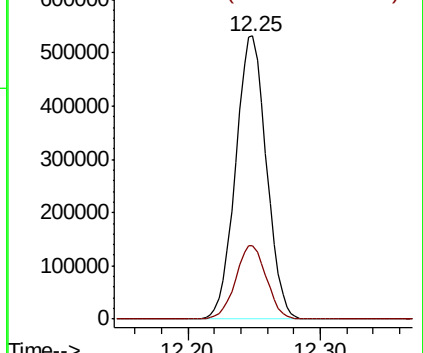
105 100

120 26.0 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.869 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Tgt Ion: 43 Resp: 318652

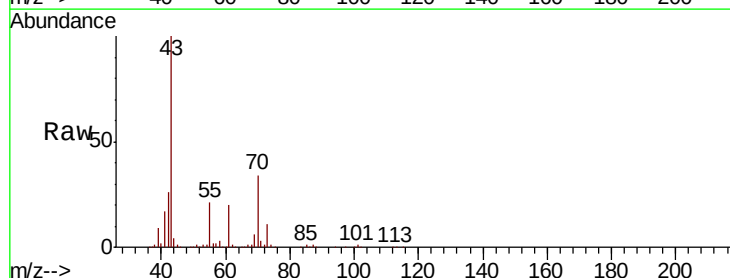
Ion Ratio Lower Upper

43 100

70 34.5 27.1 40.7

55 21.4 17.4 26.0

61 20.3 16.1 24.1

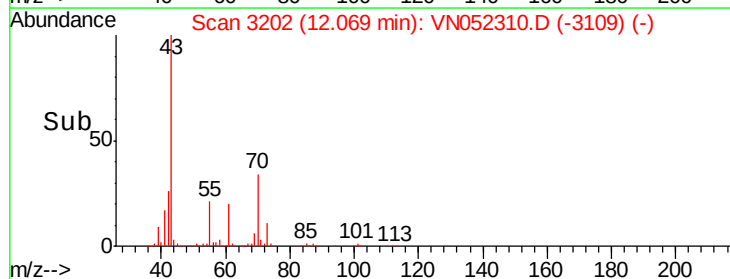
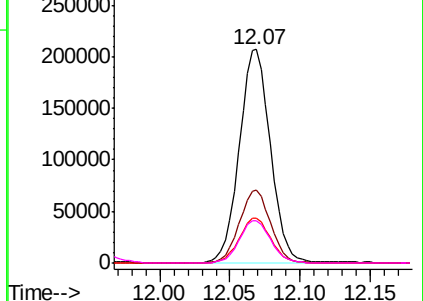


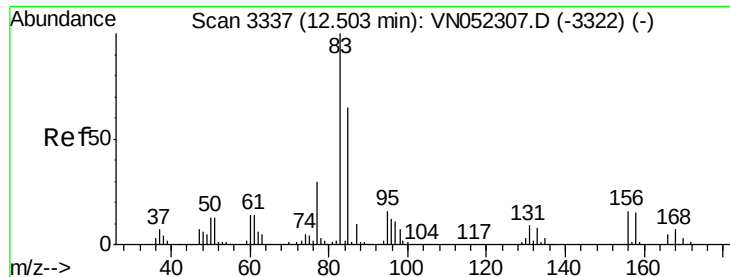
Abundance Ion 43.00 (42.70 to 43.70): V

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: 45.209 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVFN111418

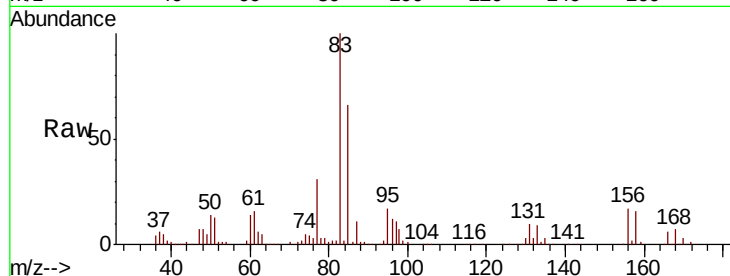
Tot Ion: 83 Resp: 192205

Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.1

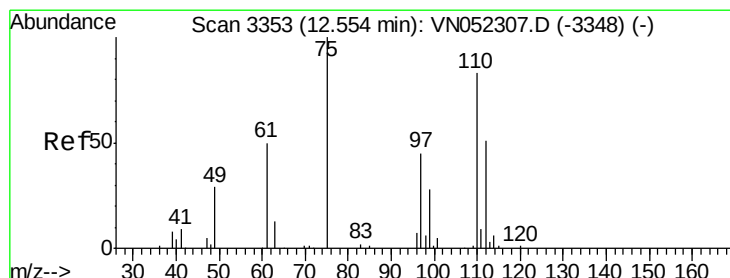
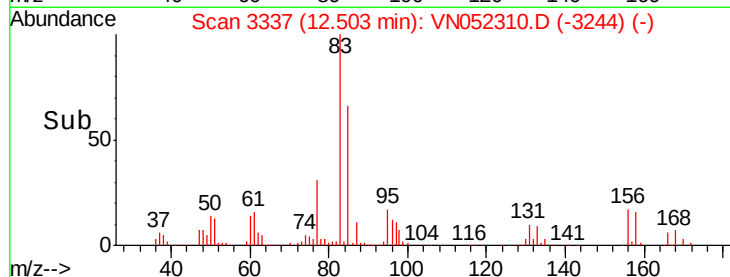
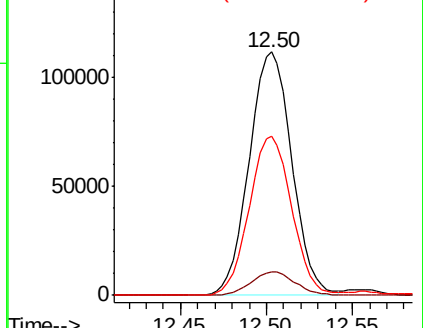
85 64.9 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN052310.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN052310.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN052310.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 71.501 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN052310.D

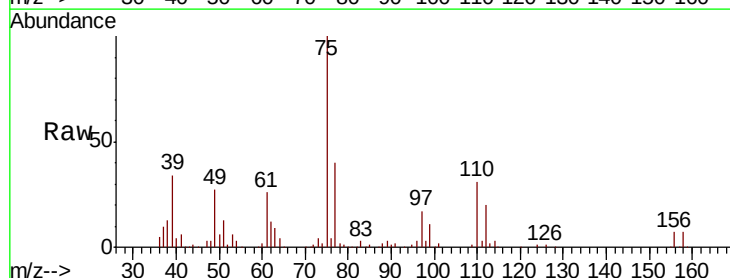
Acq: 14 Nov 2018 13:16

Tgt Ion: 75 Resp: 265390

Ion Ratio Lower Upper

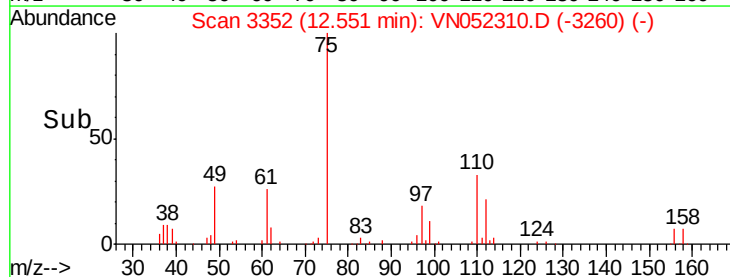
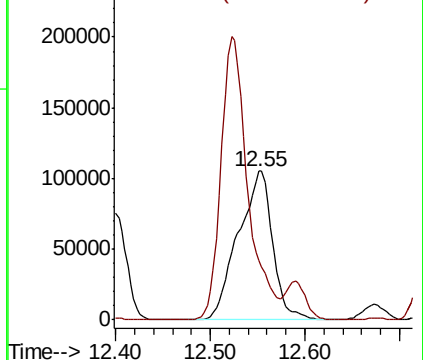
75 100

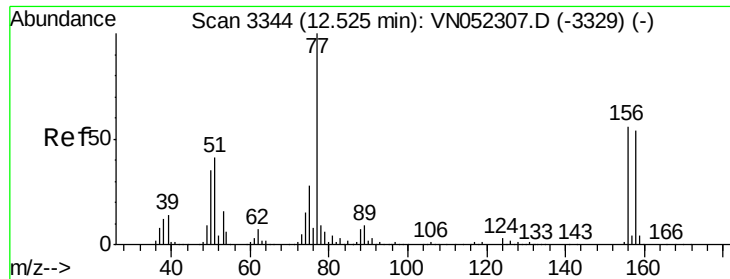
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052310.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN052310.D (-3260) (-)





#77

Bromobenzene

Concen: 47.324 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. -0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVNN111418

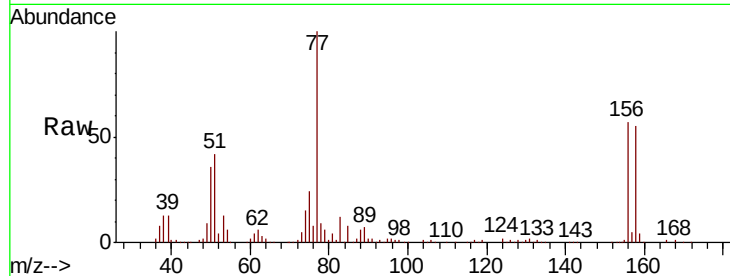
Tot Ion:156 Resp: 193654

Ion Ratio Lower Upper

156 100

77 204.9 103.6 310.9

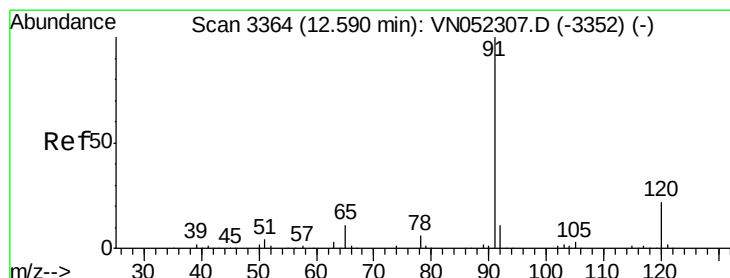
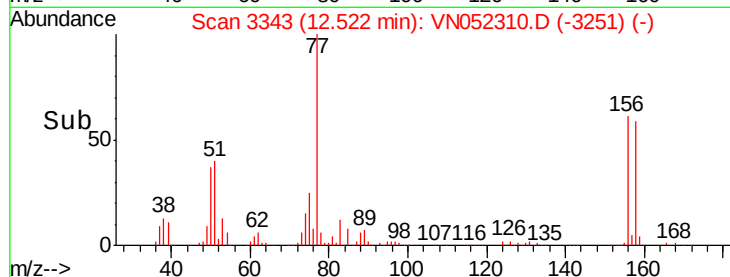
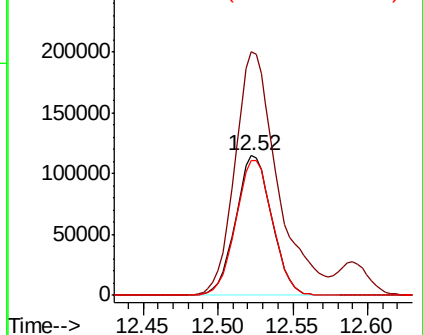
158 97.6 48.1 144.4



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: 49.213 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052310.D

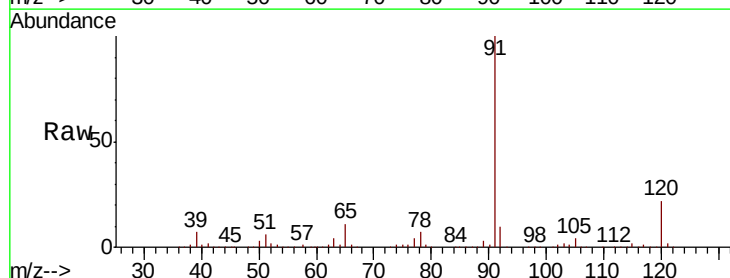
Acq: 14 Nov 2018 13:16

Tgt Ion: 91 Resp: 1012242

Ion Ratio Lower Upper

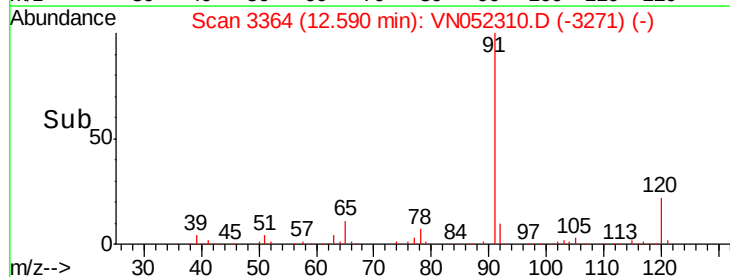
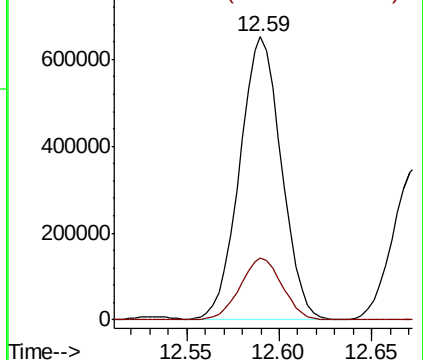
91 100

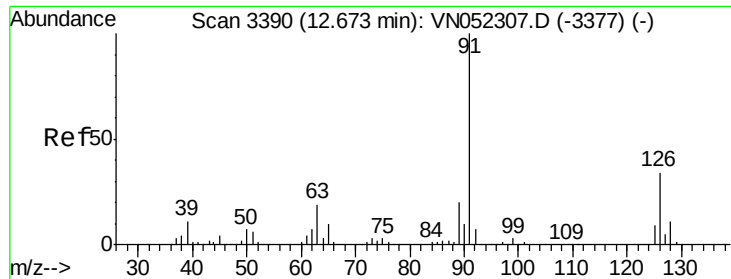
120 22.2 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.330 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

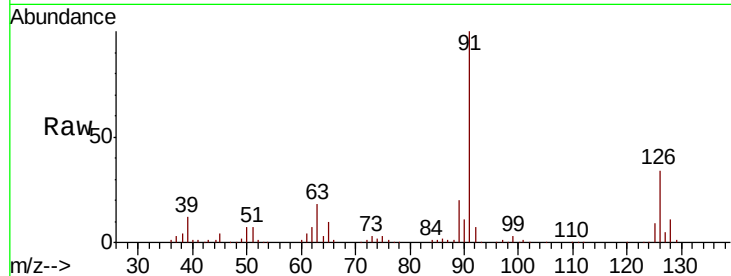
ICVFN111418

Tot Ion: 91 Resp: 580725

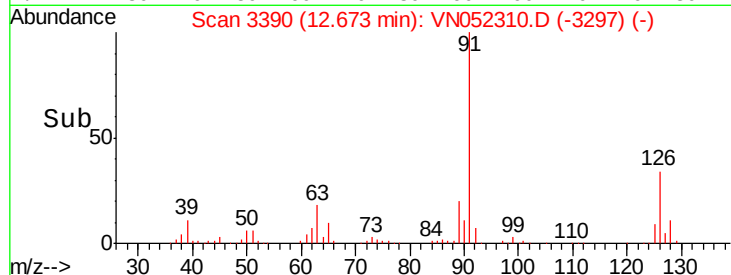
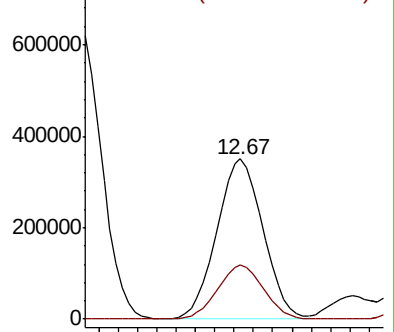
Ion Ratio Lower Upper

91 100

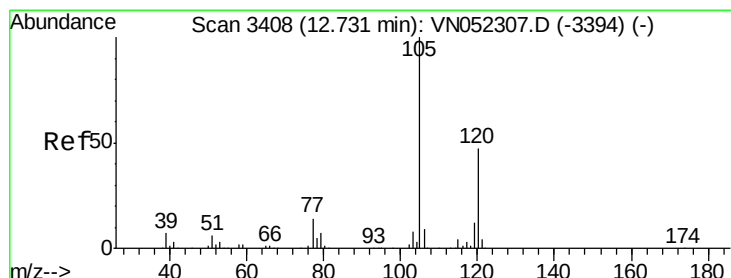
126 33.6 17.0 51.0



Abundance Ion 91.00 (90.70 to 91.70): VN052310.D (-3297) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.027 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN052310.D

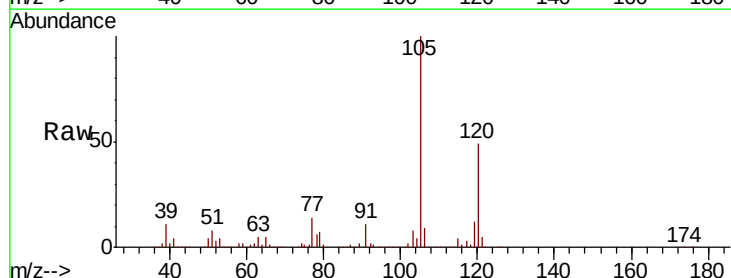
Acq: 14 Nov 2018 13:16

Tgt Ion: 105 Resp: 699668

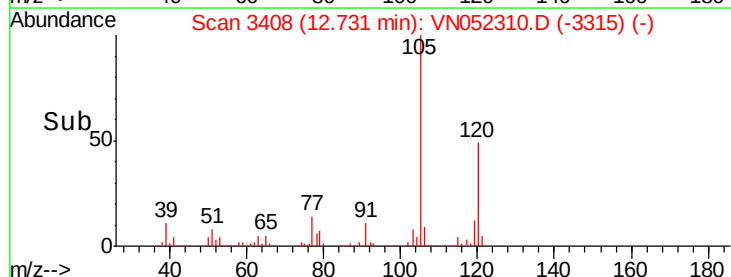
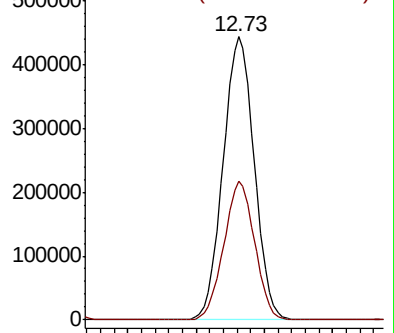
Ion Ratio Lower Upper

105 100

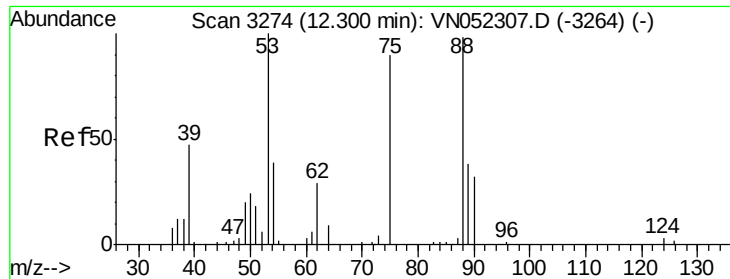
120 48.6 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052310.D (-3315) (-)



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 49.146 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVVN111418

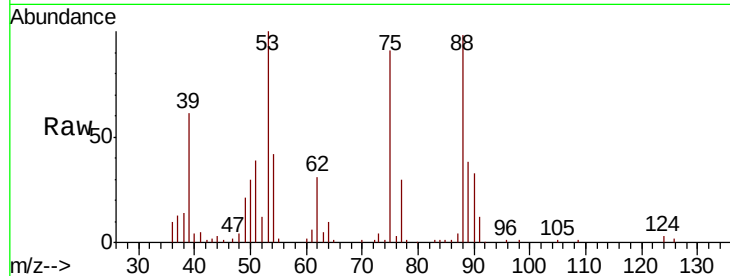
Tot Ion: 75 Resp: 56242

Ion Ratio Lower Upper

75 100

53 113.9 90.2 135.2

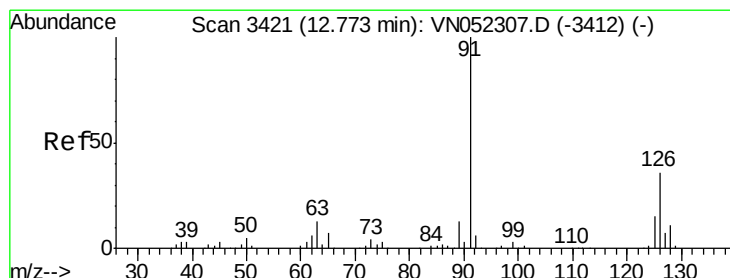
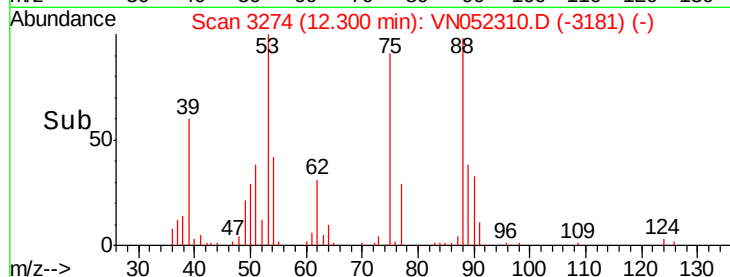
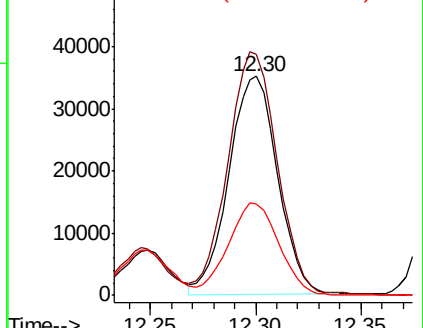
89 44.0 35.4 53.0



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: 48.792 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN052310.D

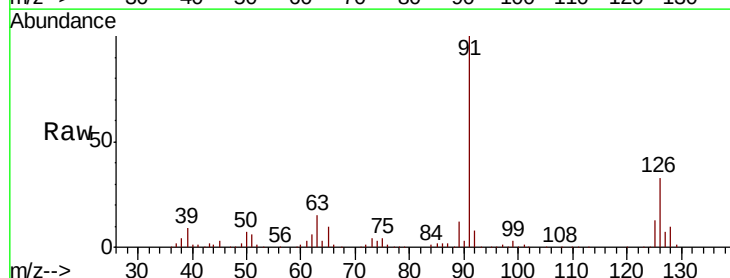
Acq: 14 Nov 2018 13:16

Tgt Ion: 91 Resp: 600658

Ion Ratio Lower Upper

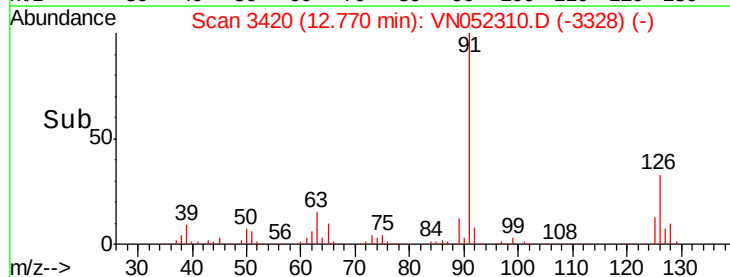
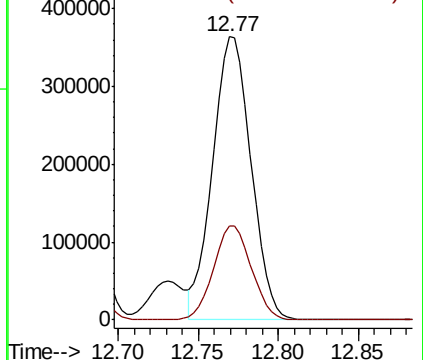
91 100

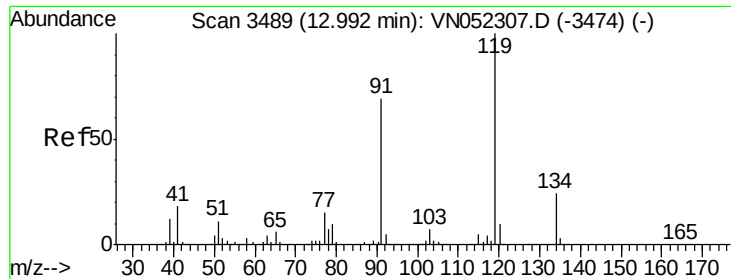
126 32.9 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

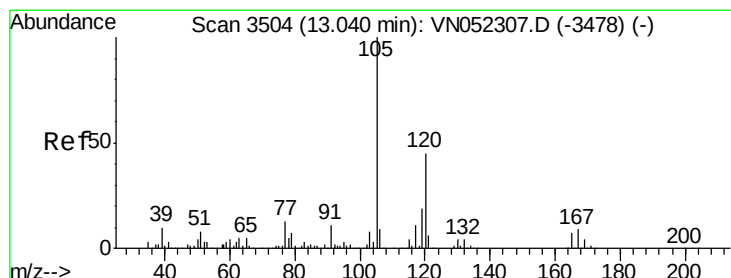
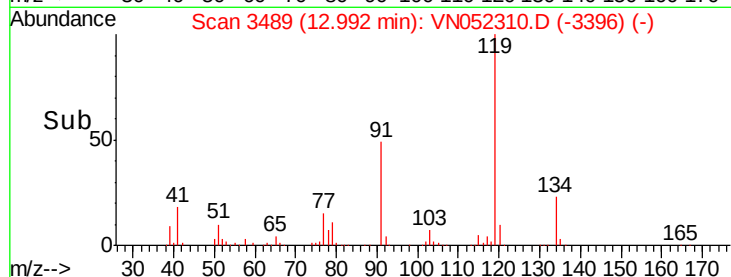
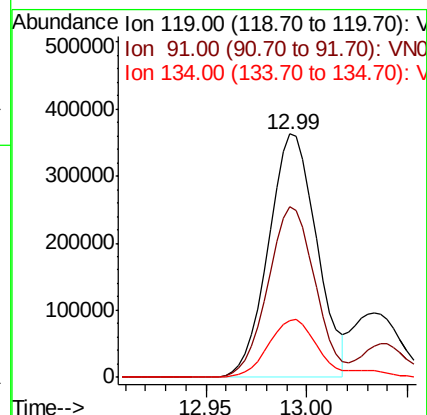
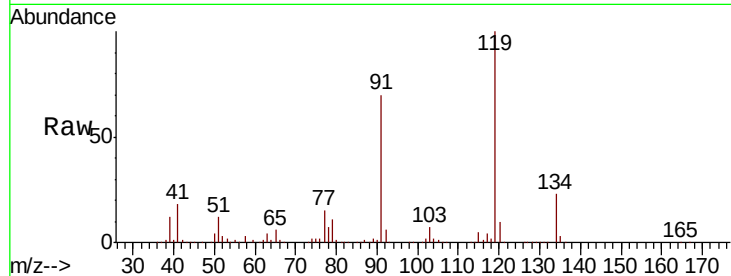




#83
 tert-Butylbenzene
 Concen: 48.850 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

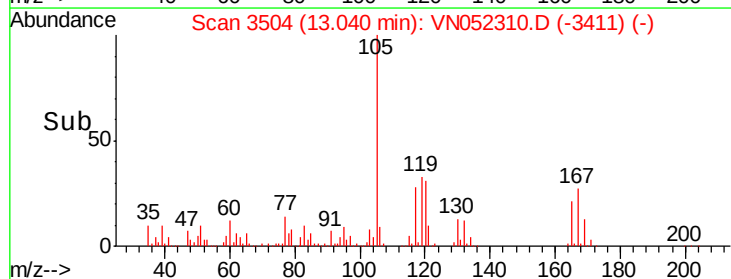
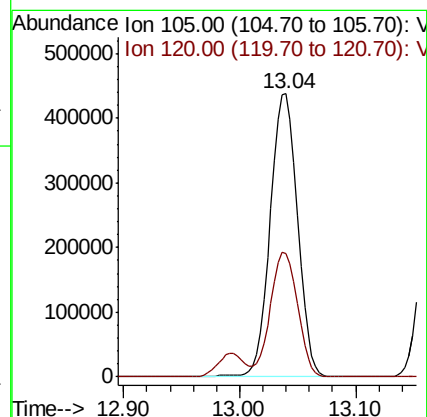
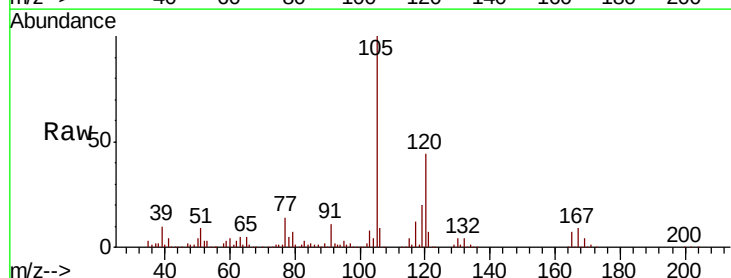
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111418

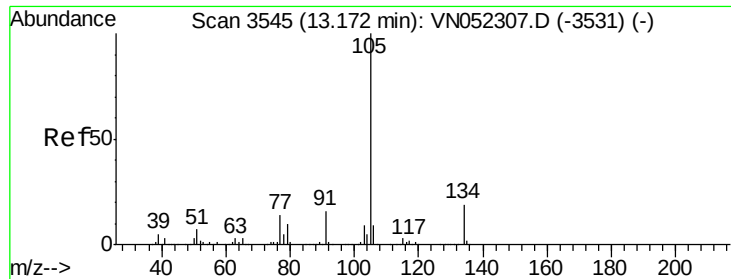
Tot Ion:119 Resp: 603181
 Ion Ratio Lower Upper
 119 100
 91 68.8 33.8 101.3
 134 24.2 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 51.007 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Tgt Ion:105 Resp: 716150
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.5 67.5





#85

sec-Butylbenzene

Concen: 50.714 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

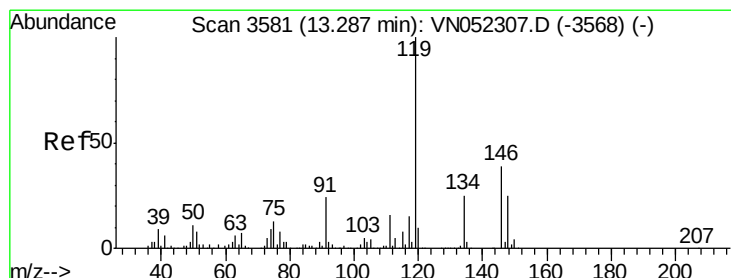
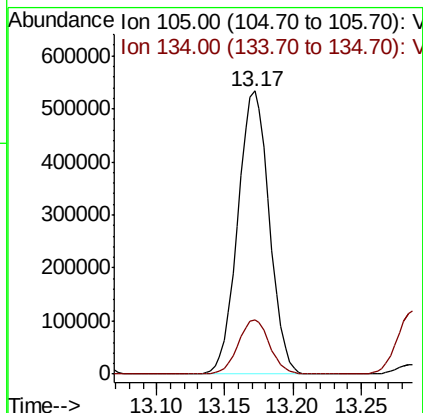
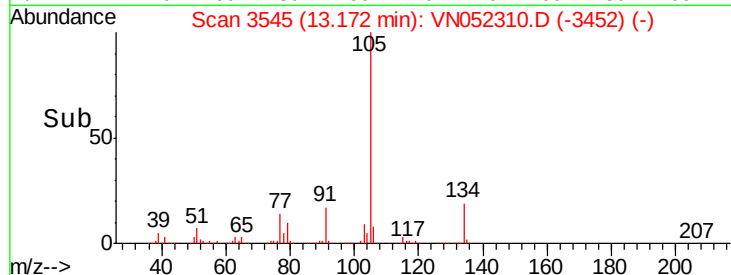
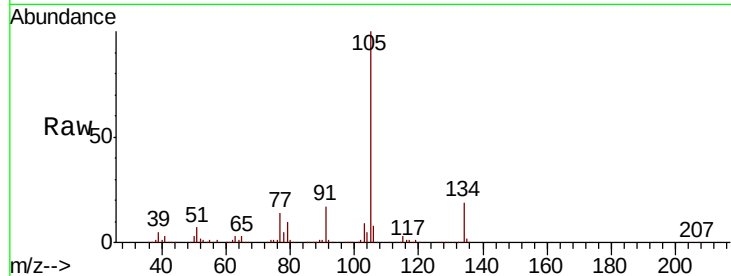
ICVVN111418

Tot Ion:105 Resp: 852999

Ion Ratio Lower Upper

105 100

134 19.1 9.5 28.5



#86

p-Isopropyltoluene

Concen: 51.454 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

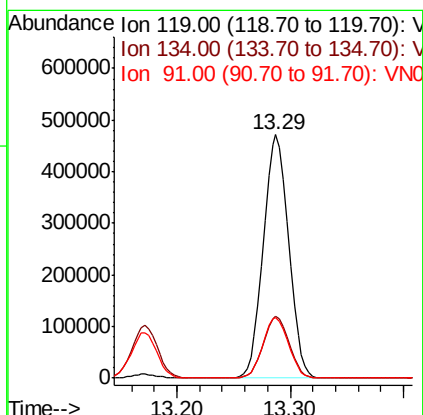
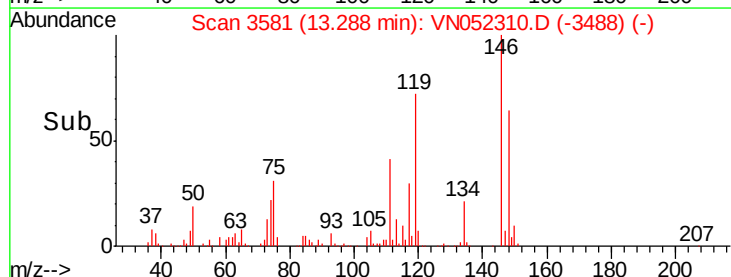
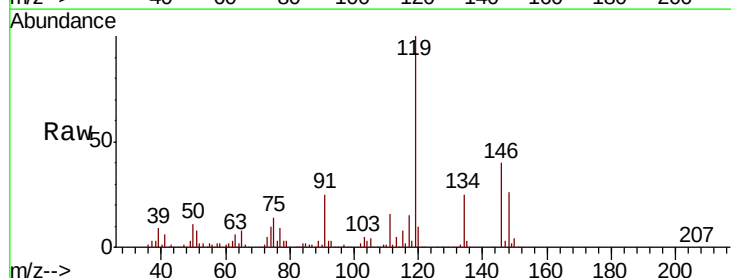
Tgt Ion:119 Resp: 733108

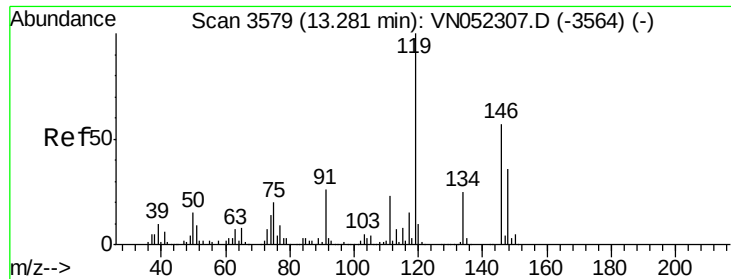
Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

91 25.1 12.4 37.0

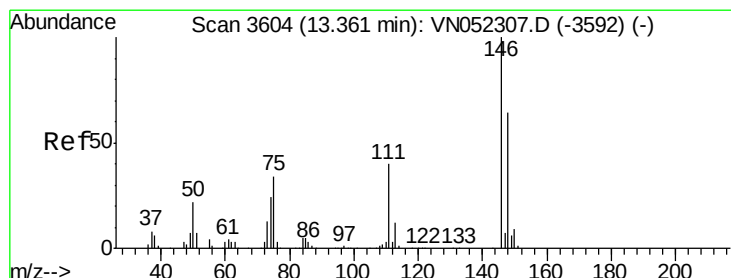
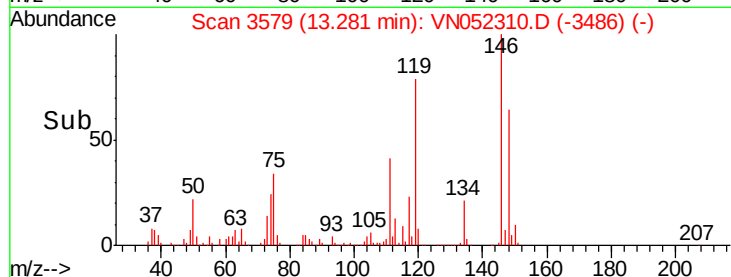
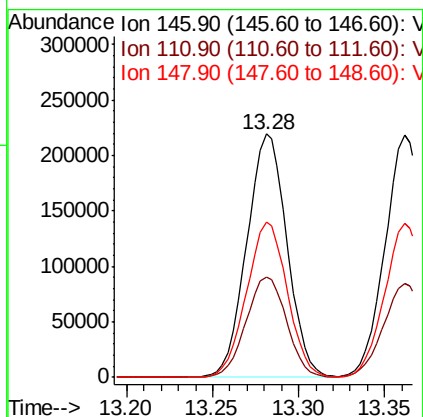
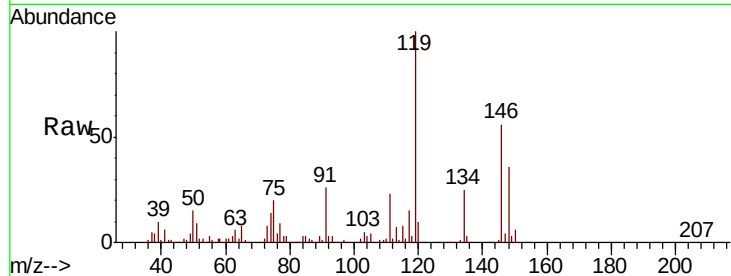




#87
 1,3-Dichlorobenzene
 Concen: 48.952 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

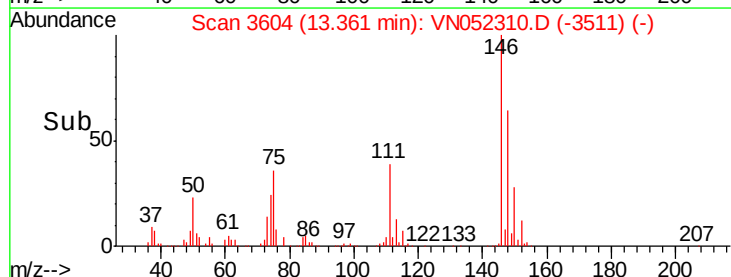
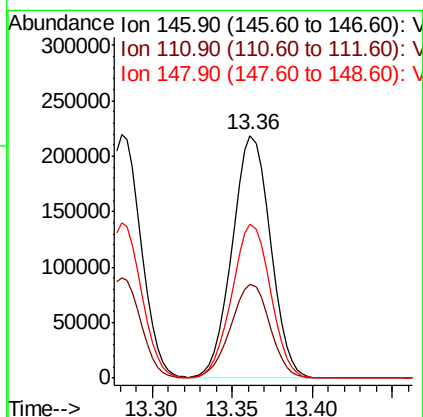
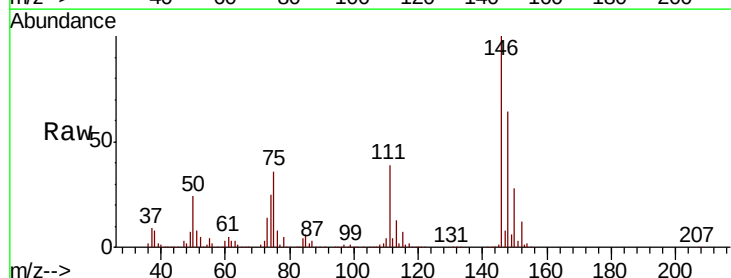
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111418

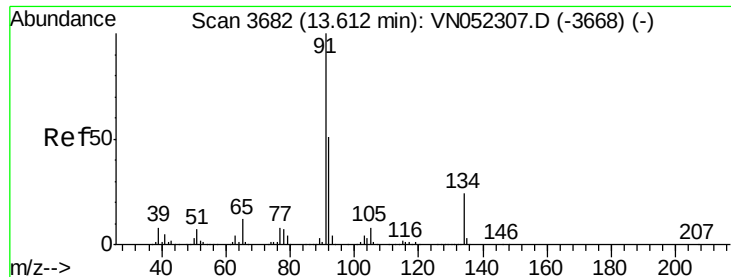
Tot Ion:146 Resp: 355764
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.3 61.0
 148 64.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 49.249 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Tgt Ion:146 Resp: 355846
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.6 61.8
 148 64.3 32.4 97.2





#89

n-Butylbenzene

Concen: 54.664 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

MSVOA_N

ClientSampleId :

ICVFN111418

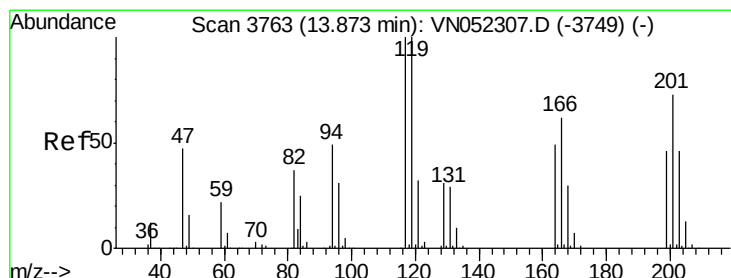
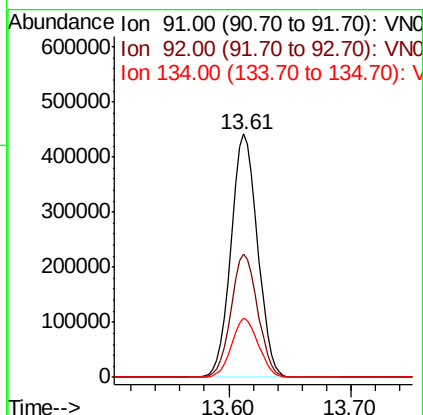
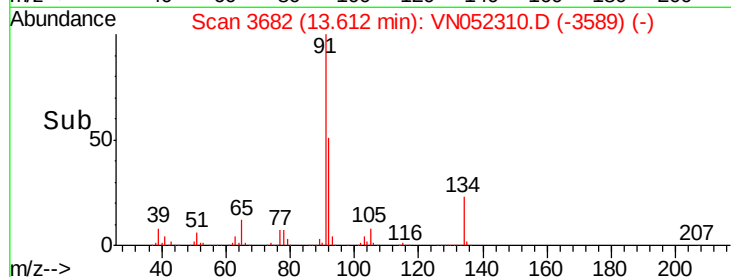
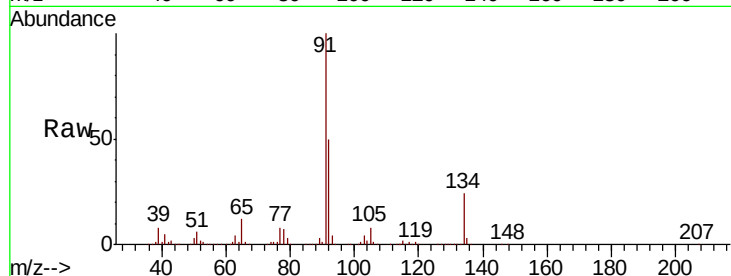
Tot Ion: 91 Resp: 668931

Ion Ratio Lower Upper

91 100

92 50.8 25.4 76.2

134 24.4 12.2 36.4



#90

Hexachloroethane

Concen: 49.385 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN052310.D

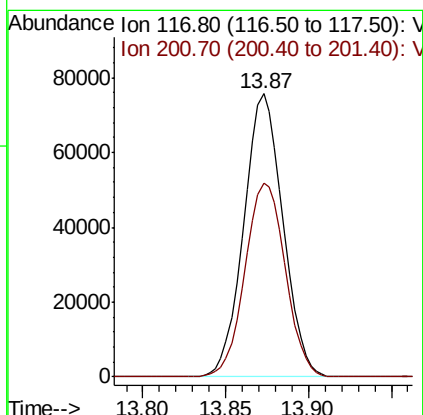
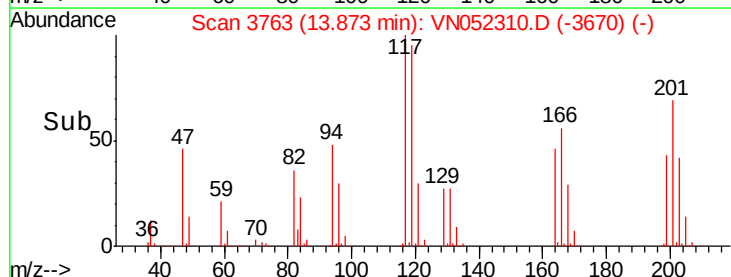
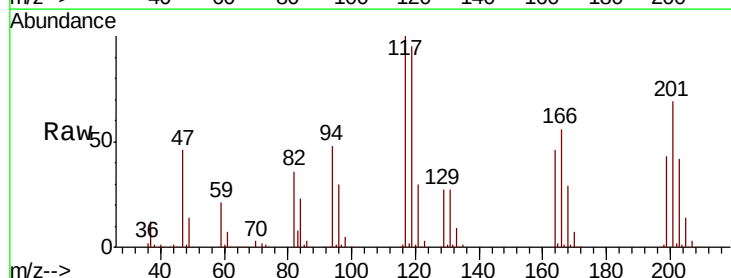
Acq: 14 Nov 2018 13:16

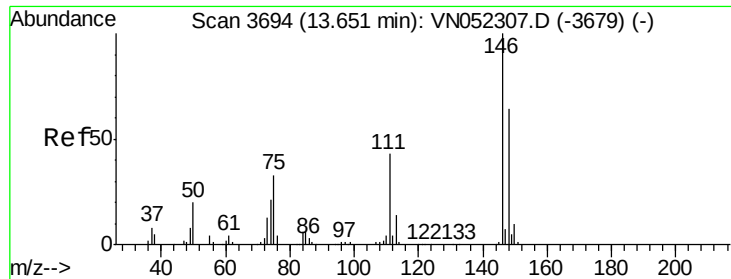
Tgt Ion: 117 Resp: 124626

Ion Ratio Lower Upper

117 100

201 70.5 35.3 105.9

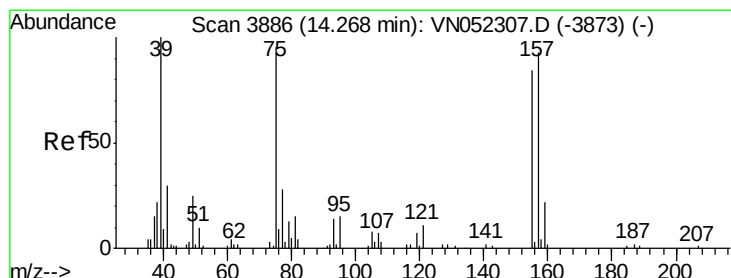
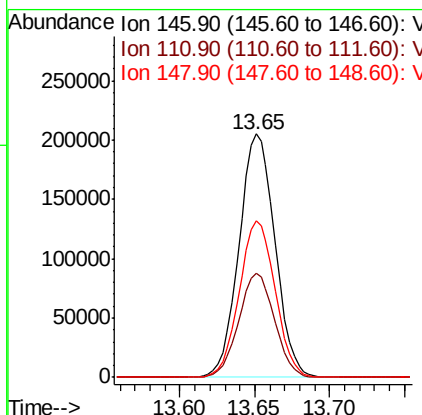
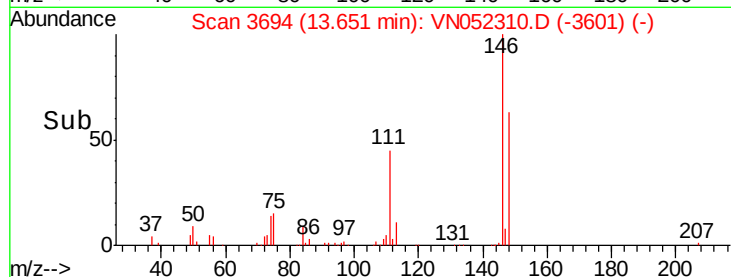
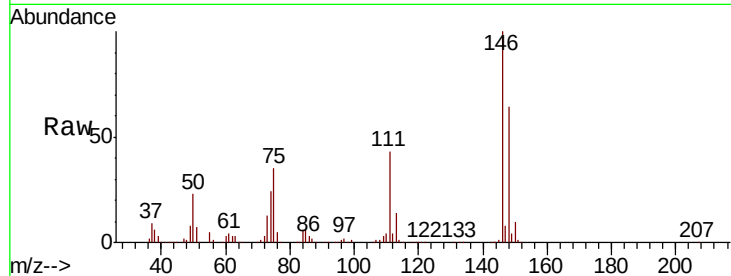




#91
 1,2-Dichlorobenzene
 Concen: 48.487 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

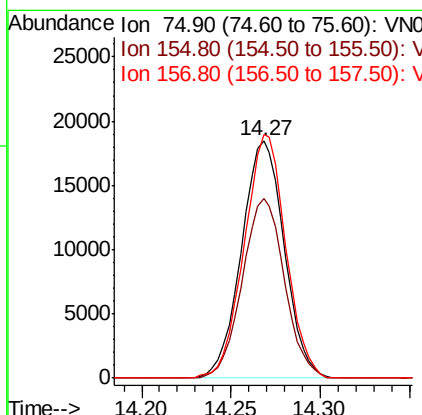
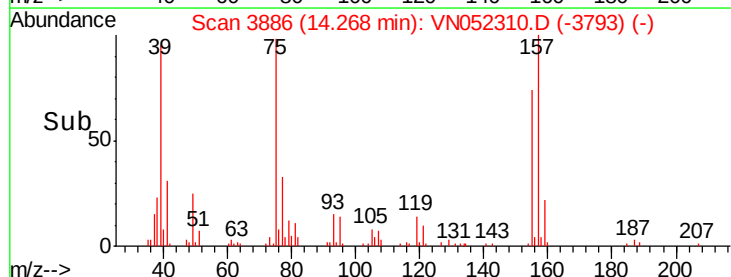
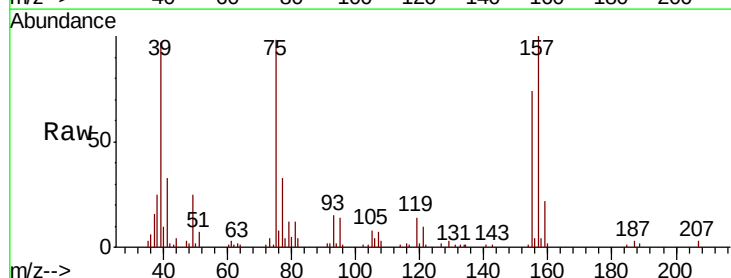
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN111418

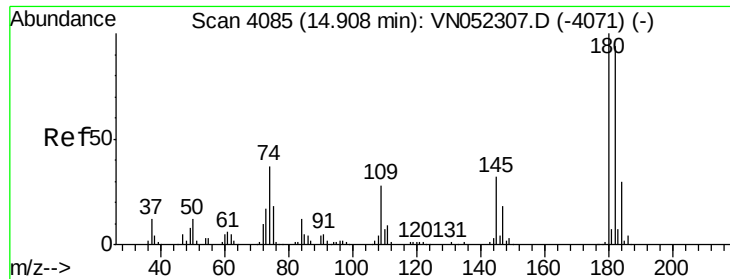
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.3	63.9
148	64.4	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.308 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.4	42.4	127.3
157	99.7	49.6	149.0

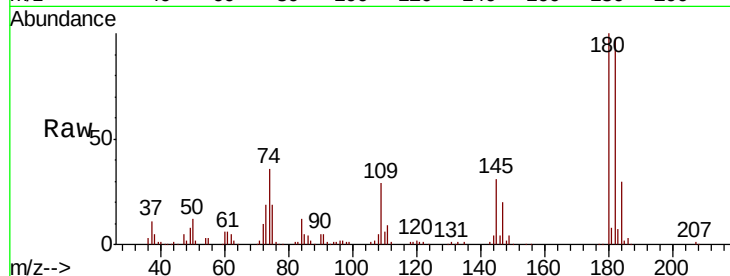




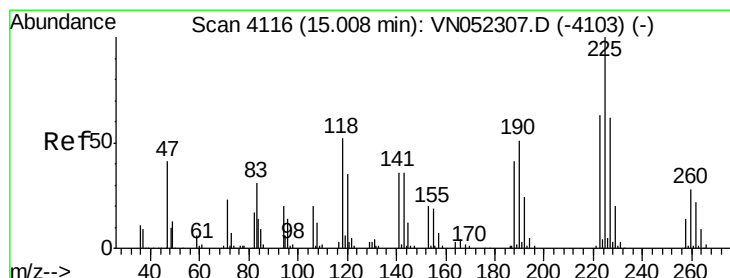
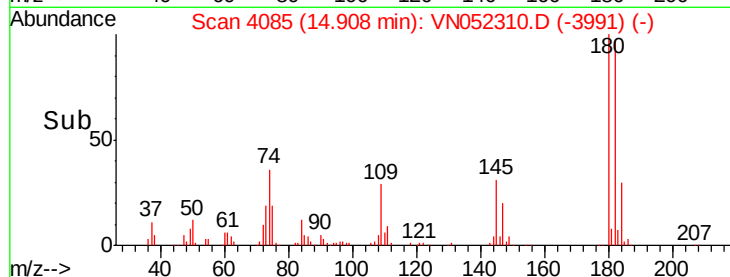
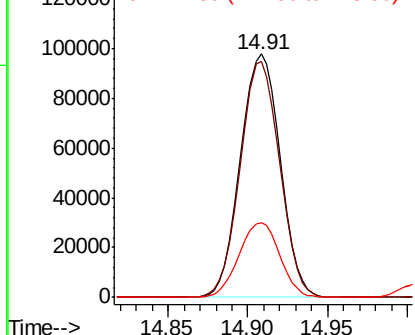
#93
 1,2,4-Trichlorobenzene
 Concen: 50.689 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN111418

Tot Ion:180 Resp: 166174
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.6 142.9
 145 31.5 15.5 46.5

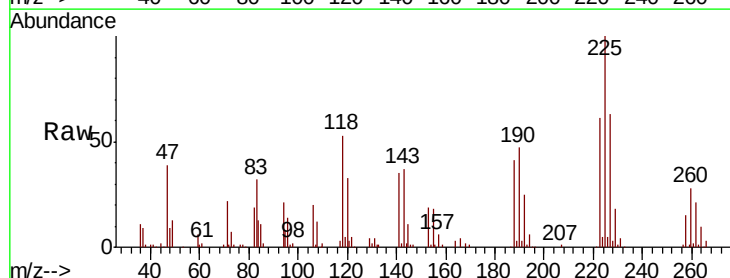


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

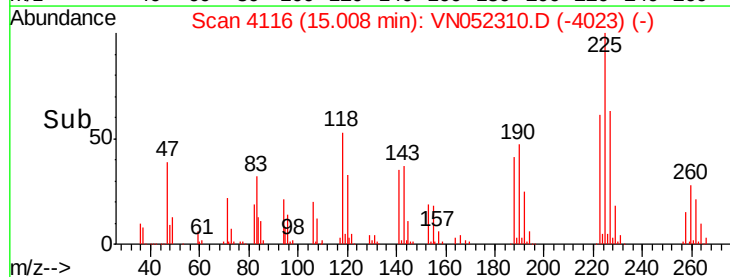
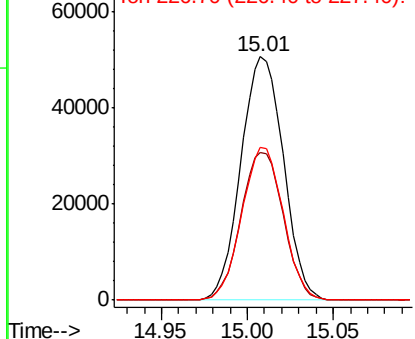


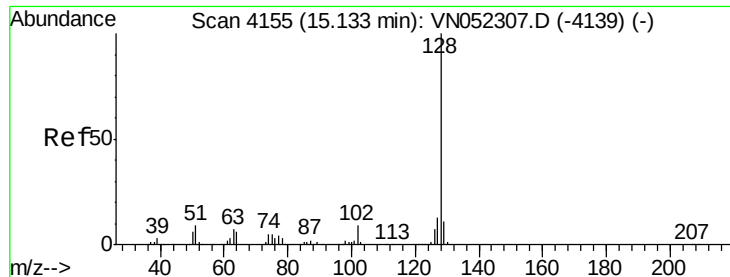
#94
 Hexachlorobutadiene
 Concen: 54.176 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052310.D
 Acq: 14 Nov 2018 13:16

Tgt Ion:225 Resp: 87310
 Ion Ratio Lower Upper
 225 100
 223 60.5 31.9 95.5
 227 61.1 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.424 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Instrument :

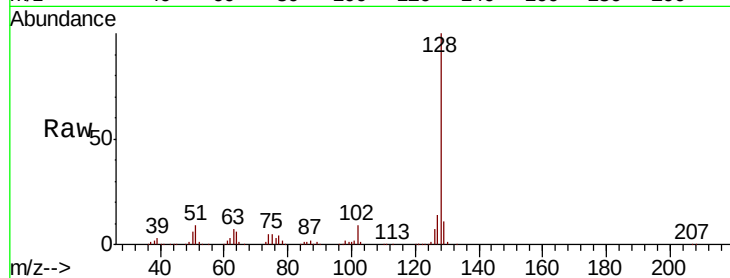
MSVOA_N

ClientSampleId :

ICVFN111418

Tot Ion:128 Resp: 374297

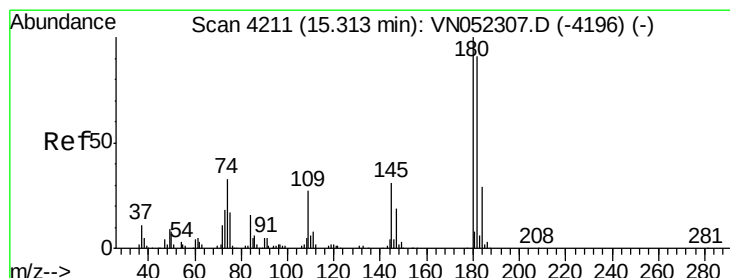
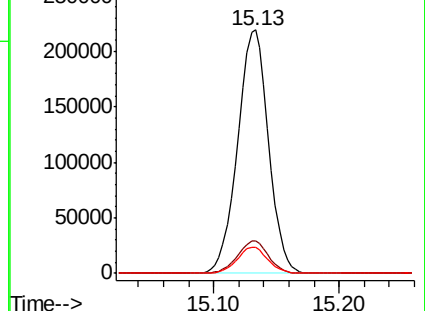
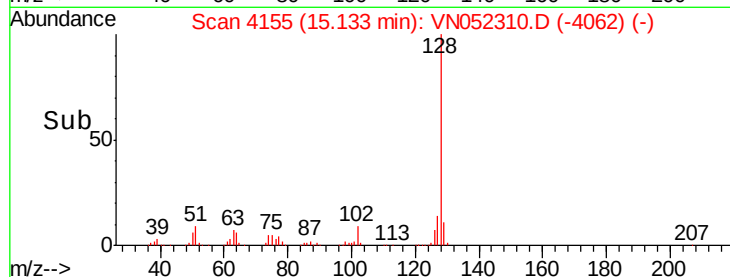
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.4	15.6
129	10.7	8.6	13.0



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: 54.807 ug/l

RT: 15.31 min Scan# 4211

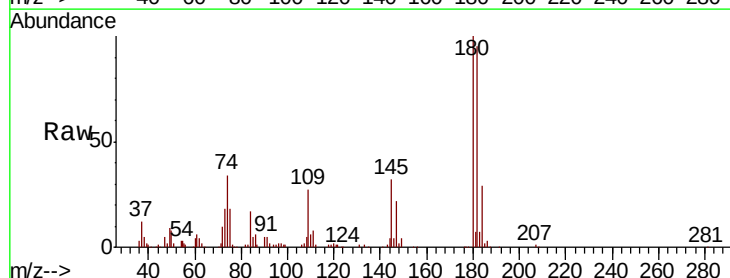
Delta R.T. 0.00 min

Lab File: VN052310.D

Acq: 14 Nov 2018 13:16

Tgt Ion:180 Resp: 146635

Ion	Ratio	Lower	Upper
180	100		
182	96.4	46.5	139.3
145	32.7	16.4	49.2



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

