

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111518\
 Data File : VN052332.D
 Acq On : 15 Nov 2018 10:23
 Operator : MD\SY
 Sample : VN1115WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 16 02:49:04 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	273992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	450217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	403612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	176555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	190075	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
35) Dibromofluoromethane	7.59	113	149176	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	10.09	98	571563	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.40	95	188706	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	56424	19.434	ug/l 99
3) Chloromethane	2.06	50	76920	19.064	ug/l 100
4) Vinyl Chloride	2.19	62	63712	18.267	ug/l 99
5) Bromomethane	2.58	94	38380	17.651	ug/l 97
6) Chloroethane	2.71	64	34916	17.706	ug/l 98
7) Trichlorofluoromethane	3.02	101	92712	19.210	ug/l 99
8) Diethyl Ether	3.41	74	33129	18.010	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.77	101	56898	18.668	ug/l 99
10) Methyl Iodide	3.95	142	67741	16.553	ug/l 97
11) Tert butyl alcohol	4.77	59	8460	41.396	ug/l # 72
12) 1,1-Dichloroethene	3.74	96	51159	18.138	ug/l 94
13) Acrolein	3.61	56	23118	90.237	ug/l 99
14) Allyl chloride	4.33	41	103883	17.937	ug/l 99
15) Acrylonitrile	4.99	53	105656	90.539	ug/l 99
16) Acetone	3.82	43	96574	90.639	ug/l 94
17) Carbon Disulfide	4.06	76	145269	17.962	ug/l 100
18) Methyl Acetate	4.33	43	53214	18.101	ug/l 96
19) Methyl tert-butyl Ether	5.04	73	148419	18.311	ug/l 95
20) Methylene Chloride	4.55	84	64244	19.390	ug/l 98
21) trans-1,2-Dichloroethene	5.05	96	53755	17.702	ug/l 97
22) Diisopropyl ether	5.95	45	222681	18.845	ug/l 96
23) Vinyl Acetate	5.90	43	749497	93.501	ug/l 100
24) 1,1-Dichloroethane	5.85	63	116423	18.374	ug/l 99
25) 2-Butanone	6.83	43	137034	91.372	ug/l 100
26) 2,2-Dichloropropane	6.83	77	85348	18.318	ug/l 99
27) cis-1,2-Dichloroethene	6.83	96	63729	18.028	ug/l 97
28) Bromochloromethane	7.20	49	63191	19.396	ug/l 97
29) Tetrahydrofuran	7.21	42	88812	90.144	ug/l 99
30) Chloroform	7.37	83	117129	19.397	ug/l 95
31) Cyclohexane	7.66	56	112080	18.381	ug/l 95
32) 1,1,1-Trichloroethane	7.57	97	92947	18.069	ug/l 98
36) 1,1-Dichloropropene	7.79	75	87210	19.326	ug/l 99
37) Ethyl Acetate	6.93	43	61391	18.746	ug/l 98
38) Carbon Tetrachloride	7.78	117	82011	19.782	ug/l 98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	99276	19.272	ug/l	96
40) Benzene	8.04	78	246296	19.106	ug/l	99
41) Methacrylonitrile	7.17	41	31120	19.540	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	87436	19.020	ug/l	100
43) Isopropyl Acetate	8.16	43	111564	17.654	ug/l #	86
44) Trichloroethene	8.83	130	61428	19.345	ug/l	98
45) 1,2-Dichloropropane	9.12	63	70200	19.188	ug/l	96
46) Dibromomethane	9.21	93	38947	18.389	ug/l	97
47) Bromodichloromethane	9.40	83	84553	19.455	ug/l	96
48) Methyl methacrylate	9.20	41	56839	17.725	ug/l	98
49) 1,4-Dioxane	9.20	88	9462	384.387	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	302394	95.061	ug/l	99
52) Toluene	10.16	92	148236	19.222	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	80744	18.421	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	93991	18.810	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	51280	18.343	ug/l	98
56) Ethyl methacrylate	10.43	69	69108	18.797	ug/l	99
57) 1,3-Dichloropropane	10.71	76	94386	19.061	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	210437	100.535	ug/l	98
59) 2-Hexanone	10.75	43	205015	93.698	ug/l	99
60) Dibromochloromethane	10.90	129	55633	18.393	ug/l	100
61) 1,2-Dibromoethane	11.00	107	51322	18.430	ug/l	97
64) Tetrachloroethene	10.63	164	56344	19.636	ug/l	97
65) Chlorobenzene	11.43	112	160504	18.813	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	55851	19.198	ug/l	99
67) Ethyl Benzene	11.51	91	285197	19.261	ug/l	99
68) m/p-Xylenes	11.62	106	210598	38.926	ug/l	99
69) o-Xylene	11.95	106	104999	20.246	ug/l	95
70) Styrene	11.96	104	160961	19.384	ug/l	99
71) Bromoform	12.13	173	30635	17.835	ug/l #	99
73) Isopropylbenzene	12.25	105	277517	19.550	ug/l	98
74) N-amyl acetate	12.07	43	93540	18.501	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	63730	18.572	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	81800	27.305	ug/l #	100
77) Bromobenzene	12.53	156	61165	18.519	ug/l	100
78) n-propylbenzene	12.59	91	320761	19.322	ug/l	99
79) 2-Chlorotoluene	12.67	91	188588	19.446	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	226464	20.062	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	15478	16.757	ug/l	92
82) 4-Chlorotoluene	12.77	91	189499	19.072	ug/l	98
83) tert-Butylbenzene	12.99	119	195249	19.592	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	221567	19.552	ug/l	99
85) sec-Butylbenzene	13.17	105	270348	19.914	ug/l	100
86) p-Isopropyltoluene	13.29	119	225416	19.602	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	111560	19.019	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	108885	18.671	ug/l	99
89) n-Butylbenzene	13.61	91	195296	19.773	ug/l	99
90) Hexachloroethane	13.87	117	38445	18.875	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	108440	19.081	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	9352	18.482	ug/l	92

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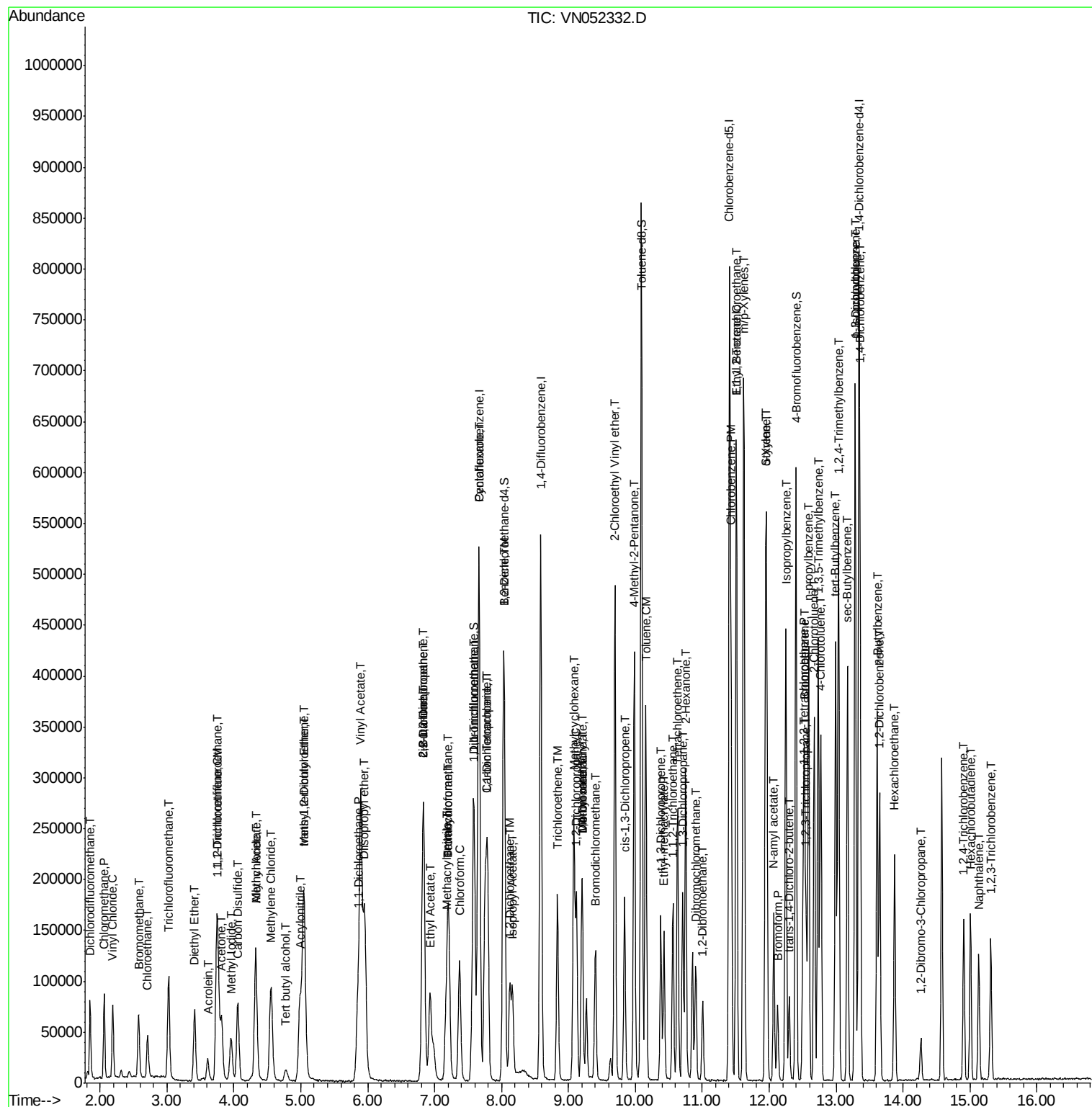
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	43120	17.828	ug/l	97
94) Hexachlorobutadiene	15.01	225	25599	19.680	ug/l	98
95) Naphthalene	15.13	128	97294	17.361	ug/l	98
96) 1,2,3-Trichlorobenzene	15.31	180	41044	19.007	ug/l	98

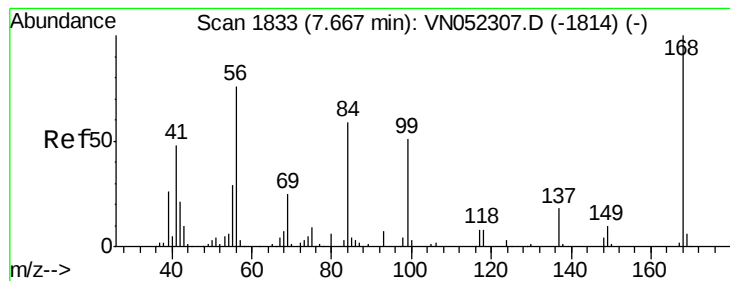
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111518\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

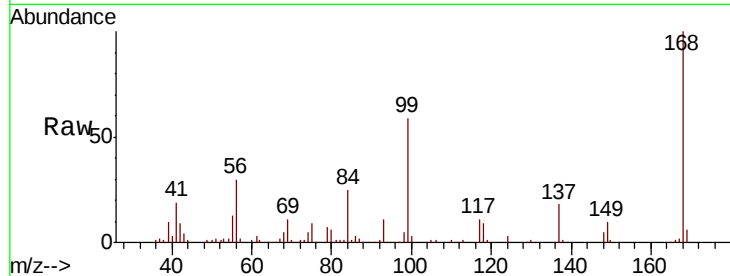
ClientSampled :

Tot Ion:168 Resp: 273992

Ion Ratio Lower Upper

168 100

99 58.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

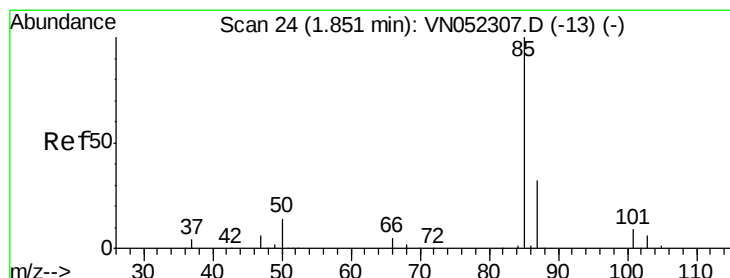
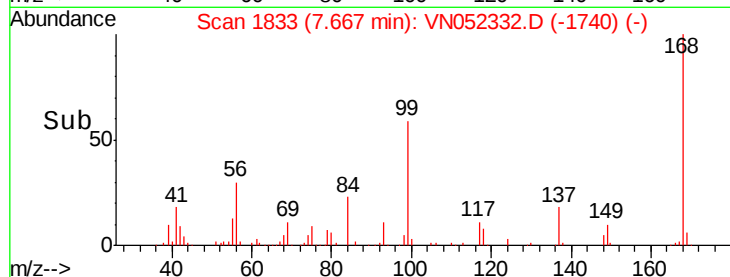
100000

50000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#2

Dichlorodifluoromethane

Concen: 19.434 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN052332.D

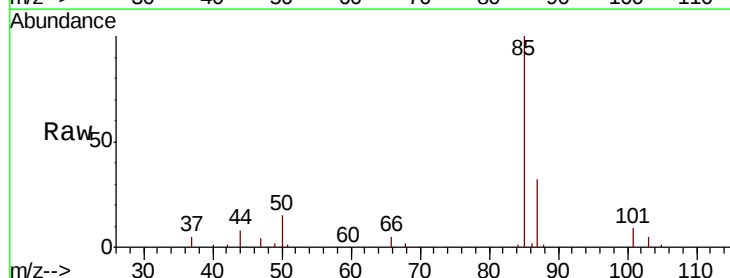
Acq: 15 Nov 2018 10:23

Tgt Ion: 85 Resp: 56424

Ion Ratio Lower Upper

85 100

87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

40000

30000

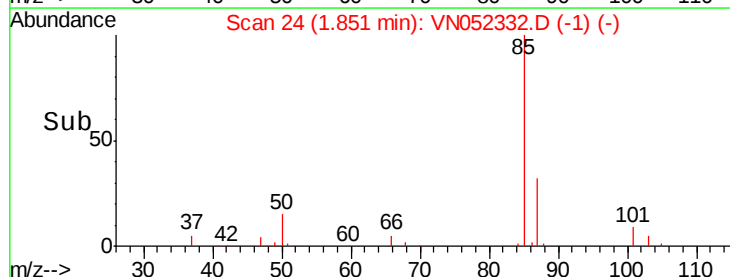
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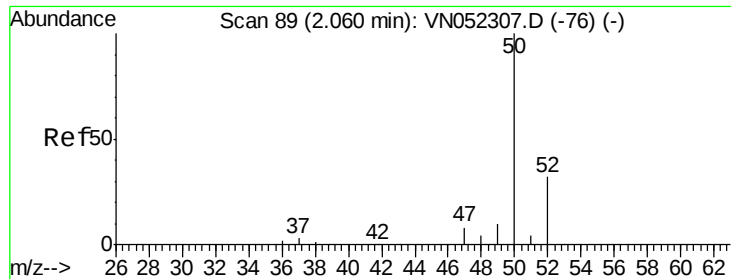
10000

0

Time-->

1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 19.064 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

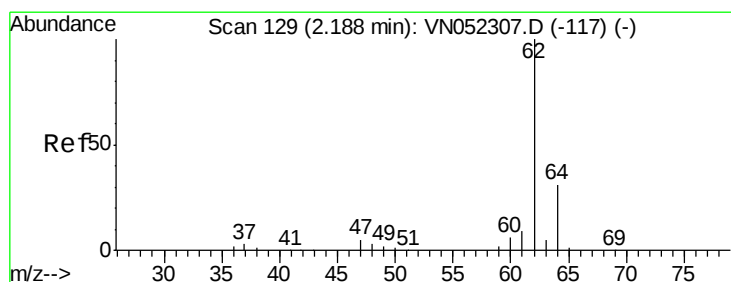
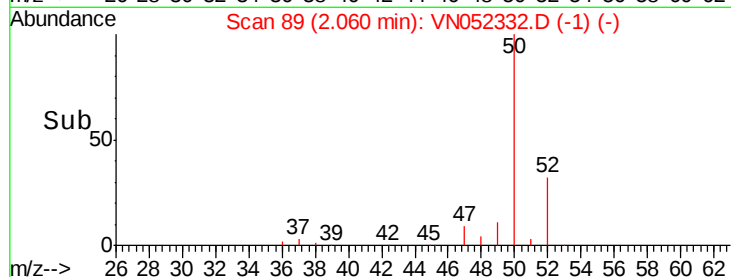
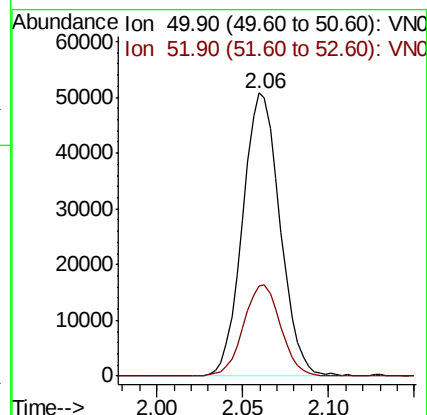
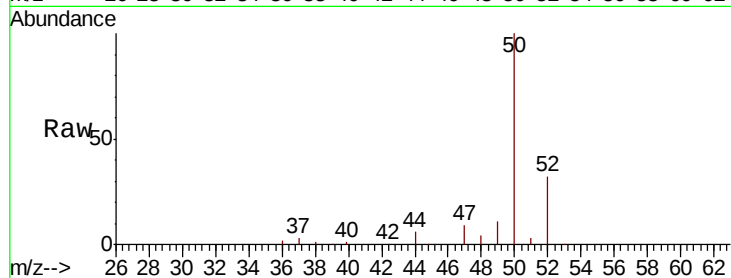
ClientSampleId :

Tot Ion: 50 Resp: 76920

Ion Ratio Lower Upper

50 100

52 32.0 25.5 38.3



#4

Vinyl Chloride

Concen: 18.267 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN052332.D

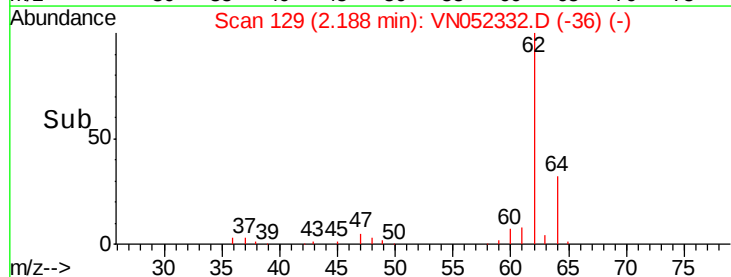
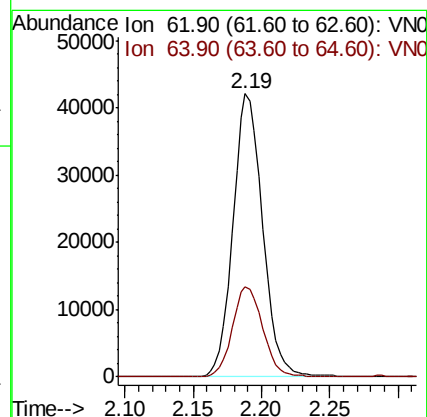
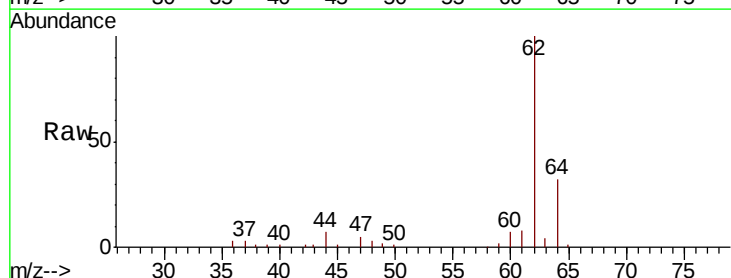
Acq: 15 Nov 2018 10:23

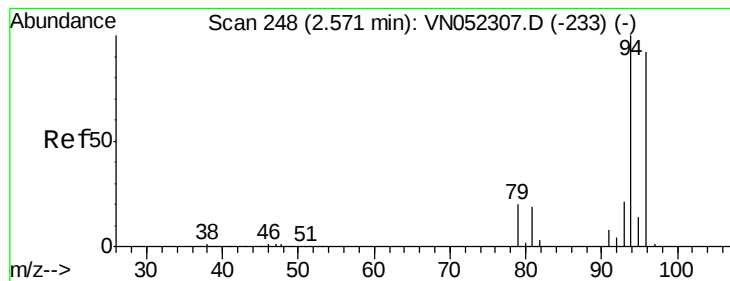
Tgt Ion: 62 Resp: 63712

Ion Ratio Lower Upper

62 100

64 32.0 25.2 37.8





#5

Bromomethane

Concen: 17.651 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

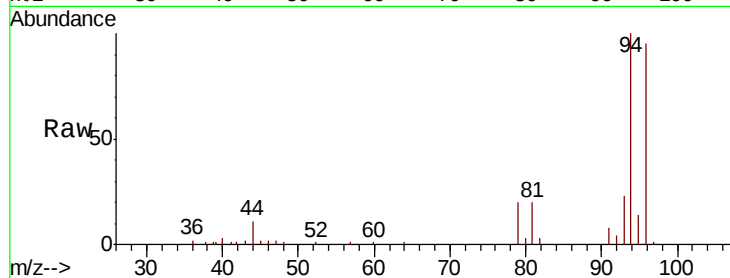
ClientSampled :

Tot Ion: 94 Resp: 38380

Ion Ratio Lower Upper

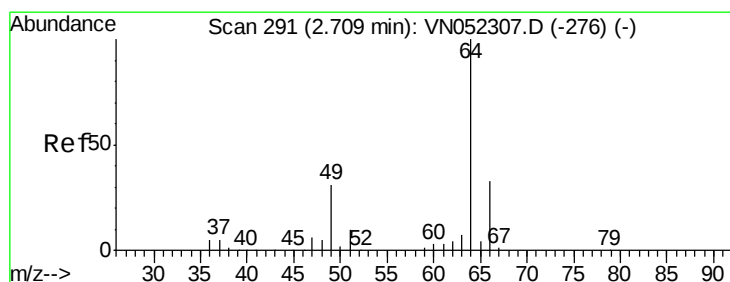
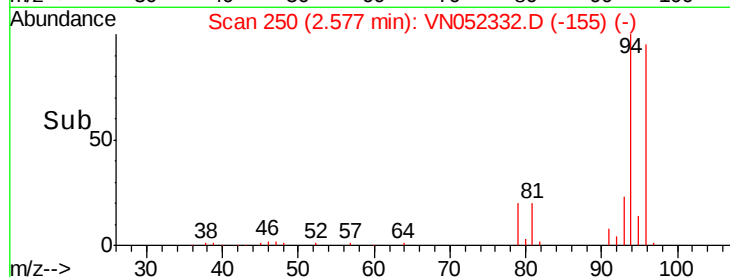
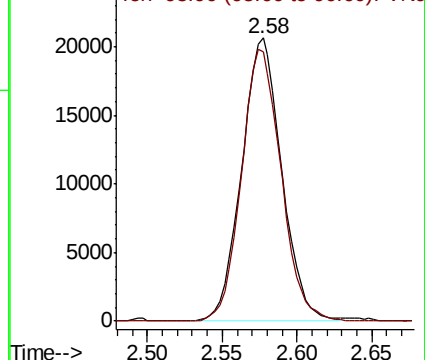
94 100

96 95.1 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: 17.706 ug/l

RT: 2.71 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN052332.D

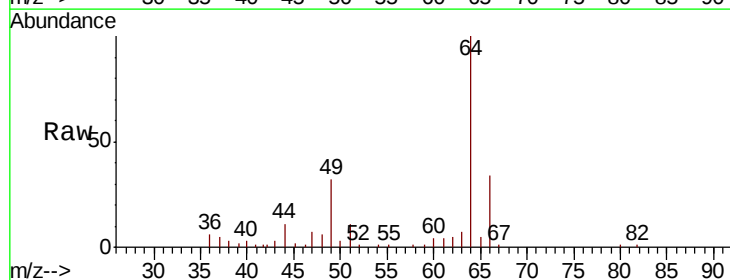
Acq: 15 Nov 2018 10:23

Tgt Ion: 64 Resp: 34916

Ion Ratio Lower Upper

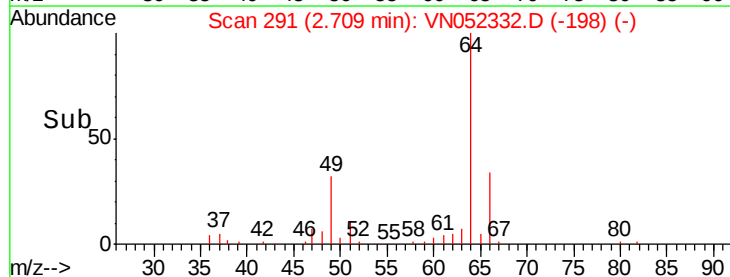
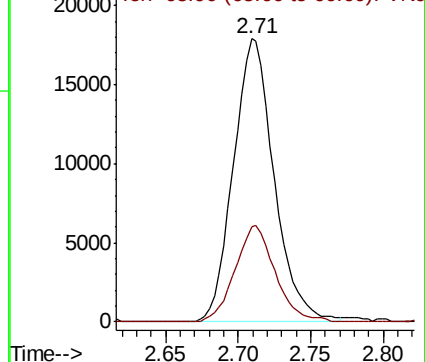
64 100

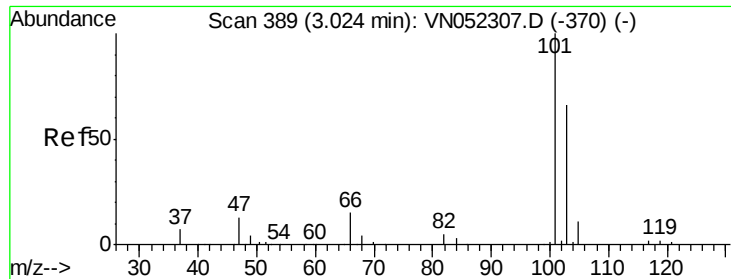
66 33.6 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



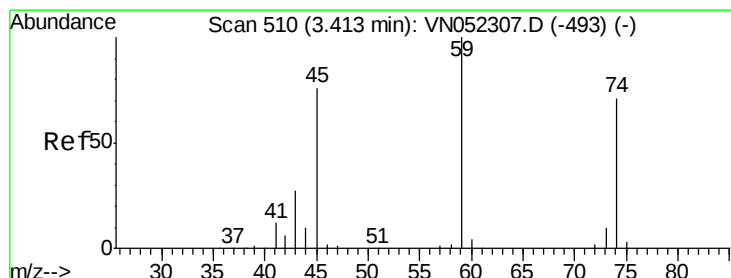
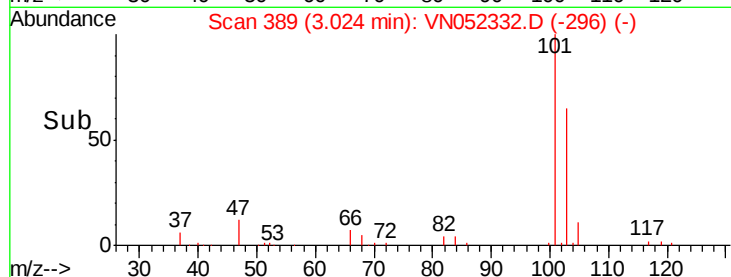
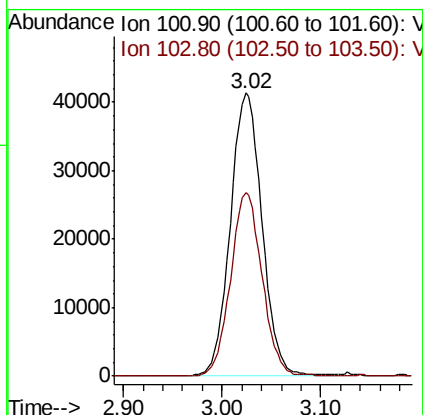
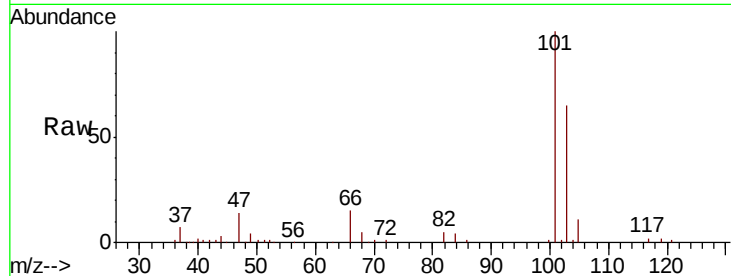


#7

Trichlorofluoromethane
 Concen: 19.210 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Instrument :
 MSVOA_N
 ClientSampleId :

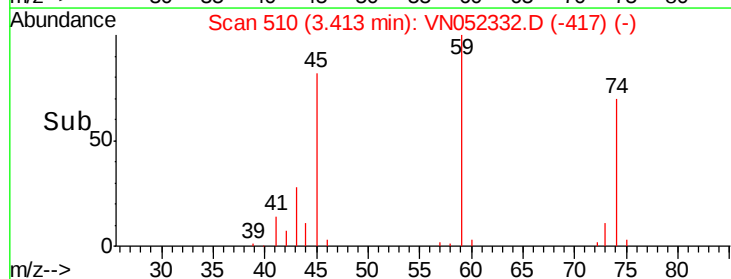
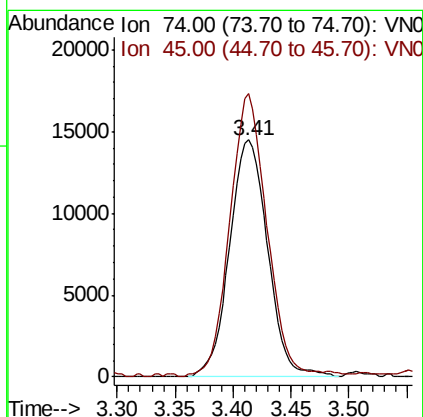
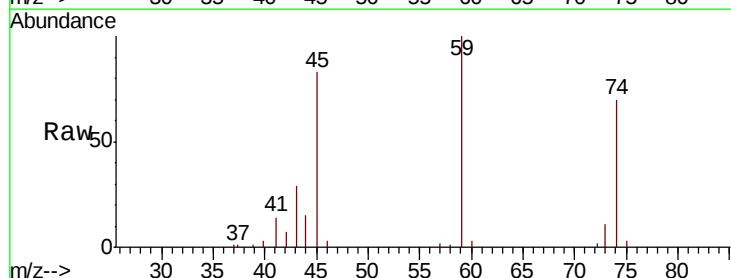
Tot Ion:101 Resp: 92712
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.8 79.2

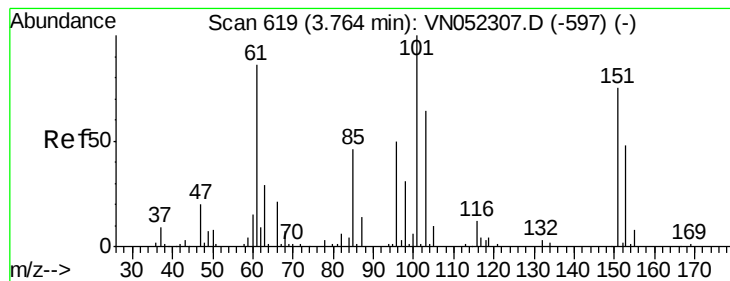


#8

Diethyl Ether
 Concen: 18.010 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion: 74 Resp: 33129
 Ion Ratio Lower Upper
 74 100
 45 116.2 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.668 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

ClientSampled :

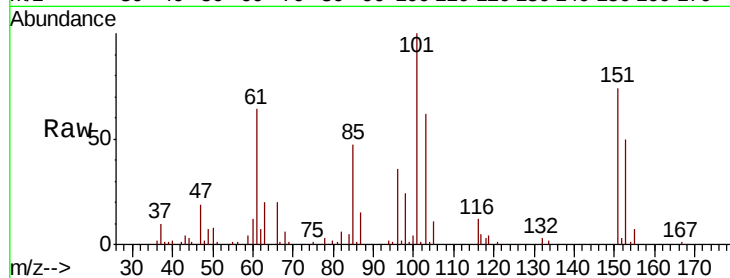
Tot Ion:101 Resp: 56898

Ion Ratio Lower Upper

101 100

85 47.1 37.4 56.0

151 73.8 58.6 88.0

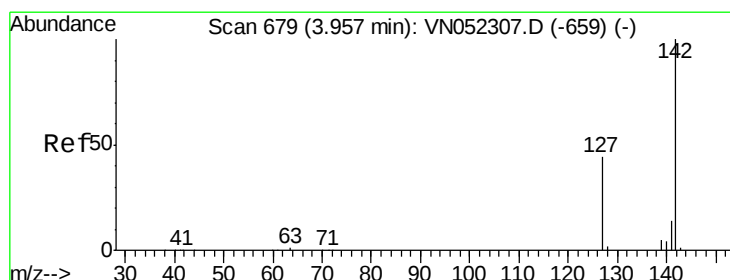
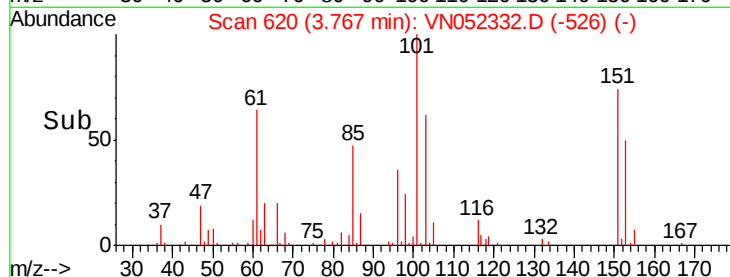
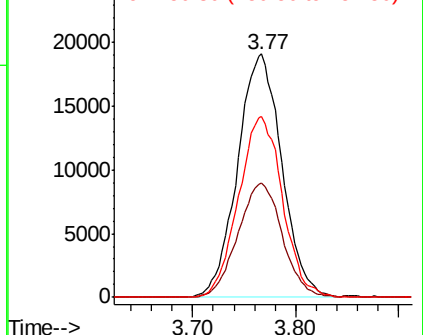


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.553 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

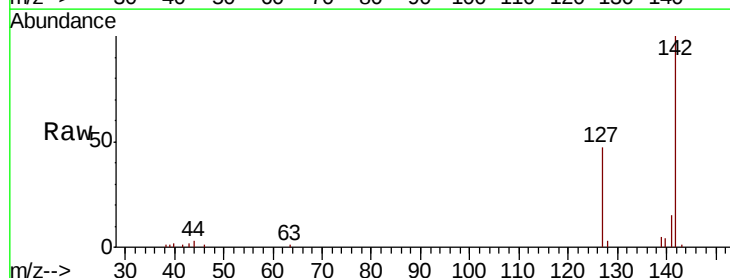
Tgt Ion:142 Resp: 67741

Ion Ratio Lower Upper

142 100

127 47.5 36.3 54.5

141 15.5 11.4 17.2

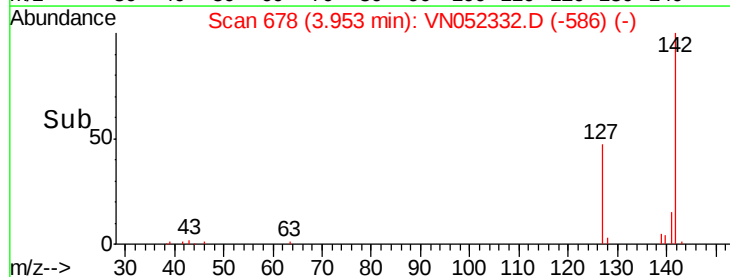
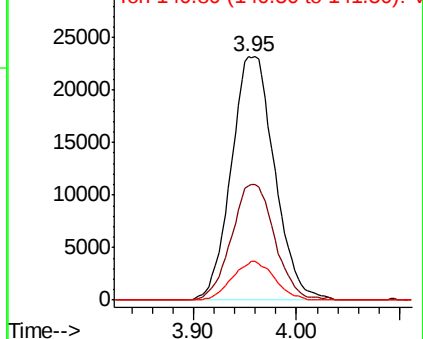


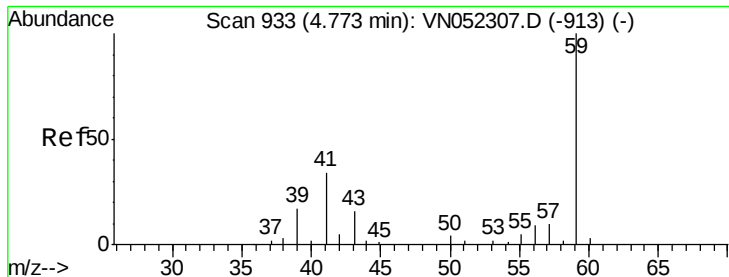
Abundance

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

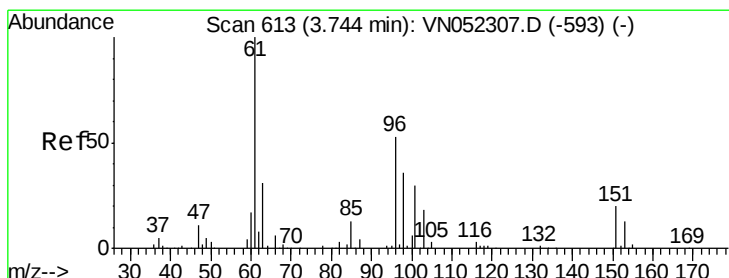
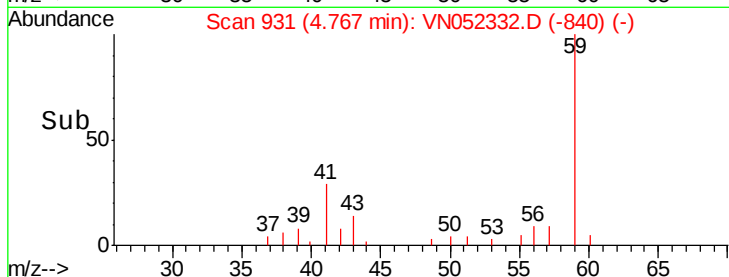
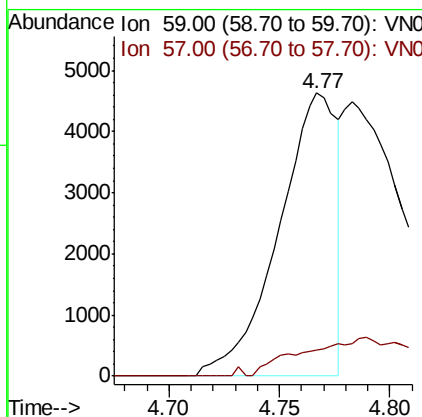
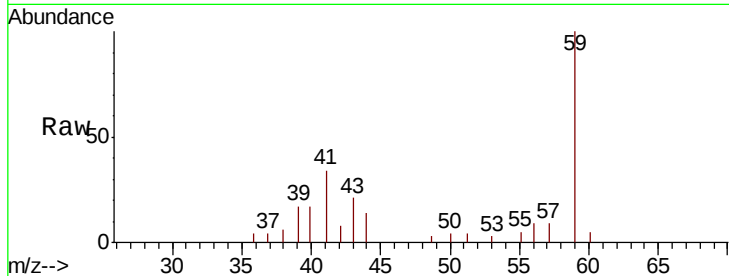




#11
Tert butyl alcohol
Concen: 41.396 ug/l
RT: 4.77 min Scan# 931
Delta R.T. -0.01 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

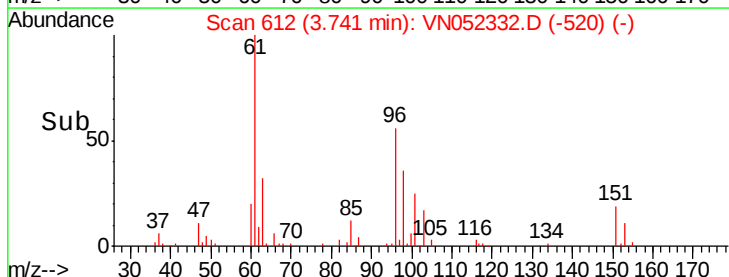
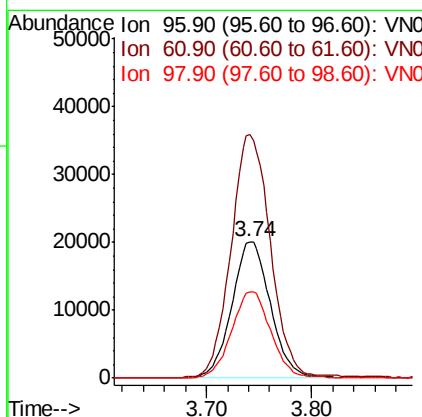
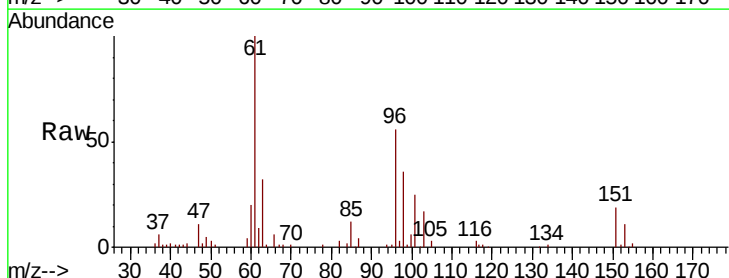
Instrument :
MSVOA_N
ClientSampled :

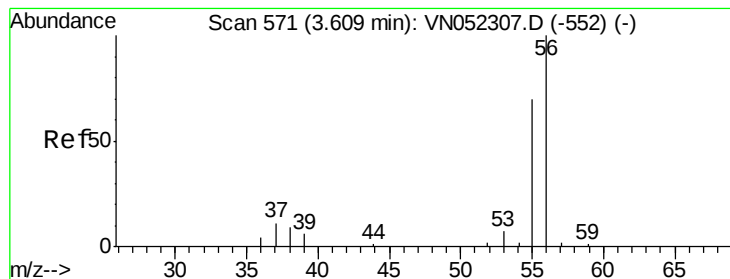
Tot Ion: 59 Resp: 8460
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 18.138 ug/l
RT: 3.74 min Scan# 612
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion: 96 Resp: 51159
Ion Ratio Lower Upper
96 100
61 177.1 149.6 224.4
98 63.3 54.2 81.2





#13

Acrolein

Concen: 90.237 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

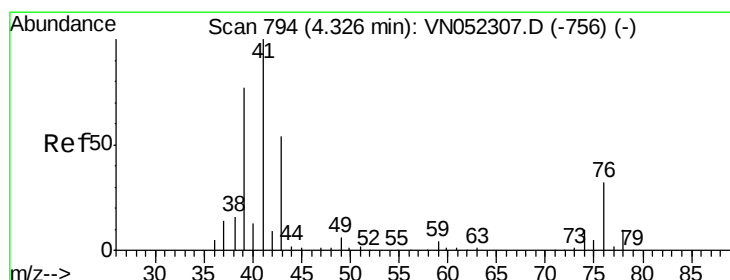
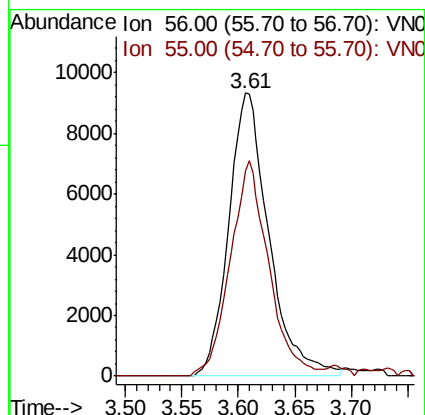
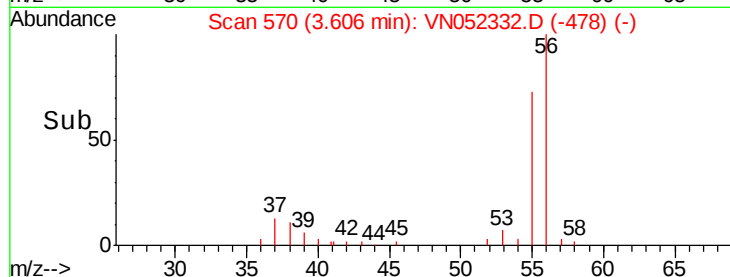
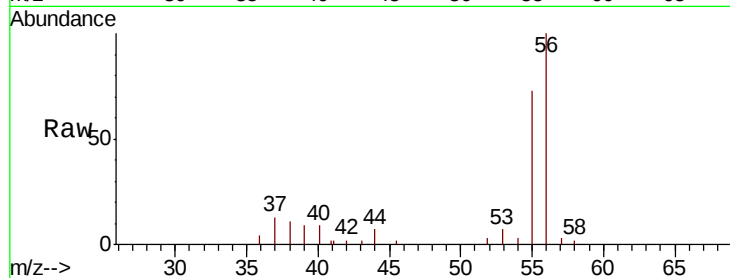
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 23118

Ion Ratio Lower Upper

56 100

55 72.5 57.6 86.4



#14

Allyl chloride

Concen: 17.937 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

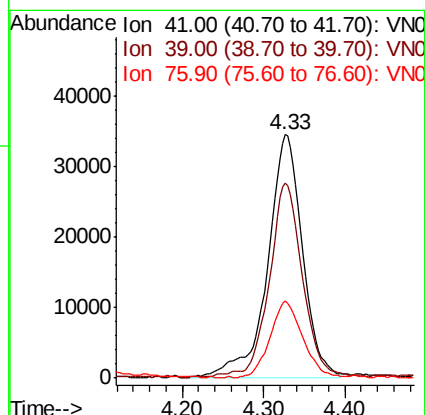
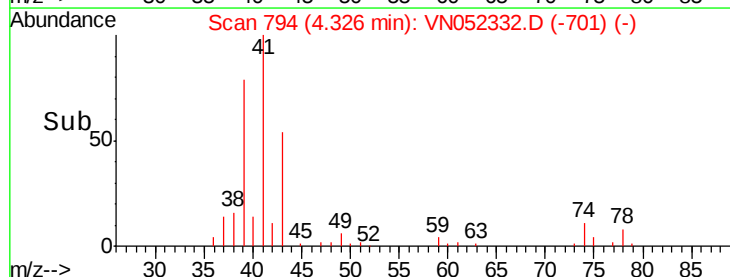
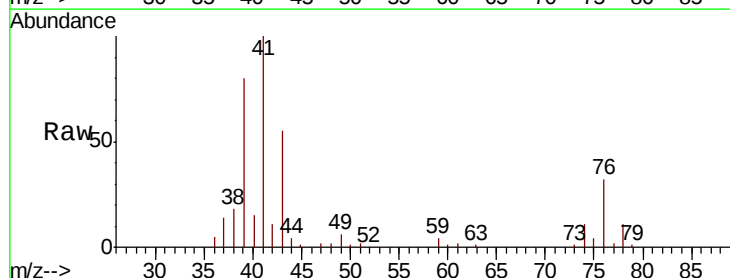
Tgt Ion: 41 Resp: 103883

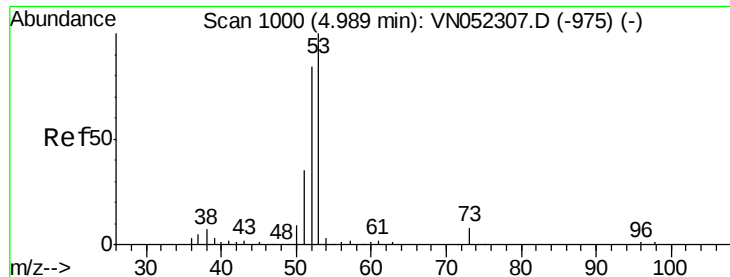
Ion Ratio Lower Upper

41 100

39 73.2 59.1 88.7

76 29.7 24.1 36.1





#15

Acrylonitrile

Concen: 90.539 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

ClientSampleId :

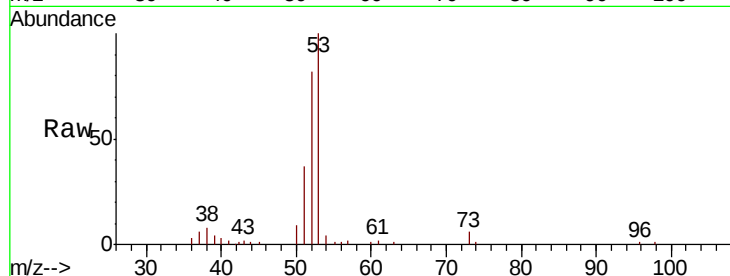
Tot Ion: 53 Resp: 105656

Ion Ratio Lower Upper

53 100

52 83.3 67.5 101.3

51 37.6 29.9 44.9



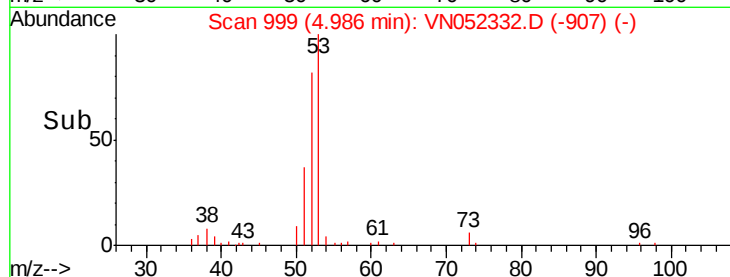
Abundance Ion 53.00 (52.70 to 53.70): VN052332.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN052332.D (-907) (-)

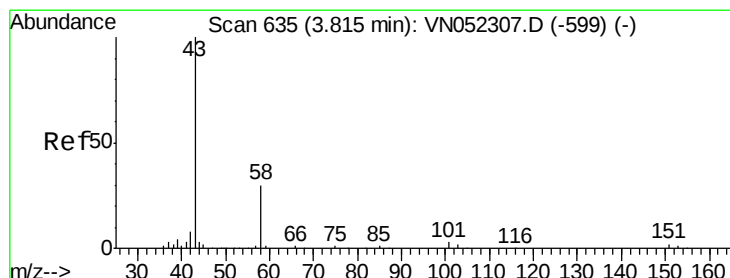
Ion 51.00 (50.70 to 51.70): VN052332.D (-907) (-)

4.99

Time-->



Time-->



#16

Acetone

Concen: 90.639 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052332.D

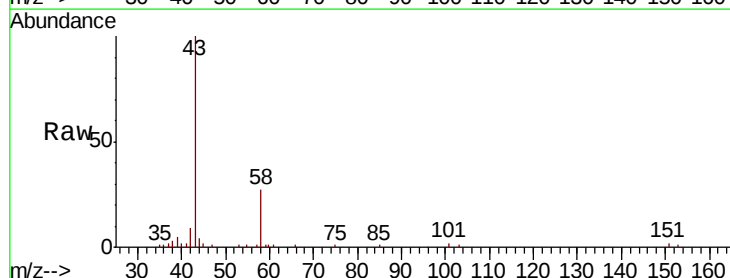
Acq: 15 Nov 2018 10:23

Tgt Ion: 43 Resp: 96574

Ion Ratio Lower Upper

43 100

58 27.3 24.2 36.4

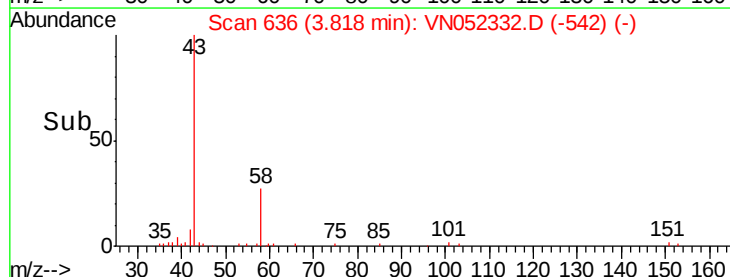


Abundance Ion 43.00 (42.70 to 43.70): VN052332.D (-542) (-)

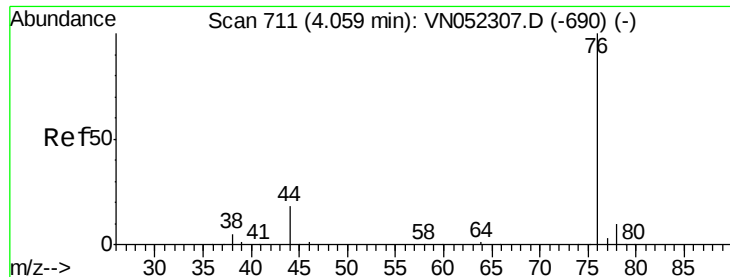
Ion 58.00 (57.70 to 58.70): VN052332.D (-542) (-)

3.82

Time-->



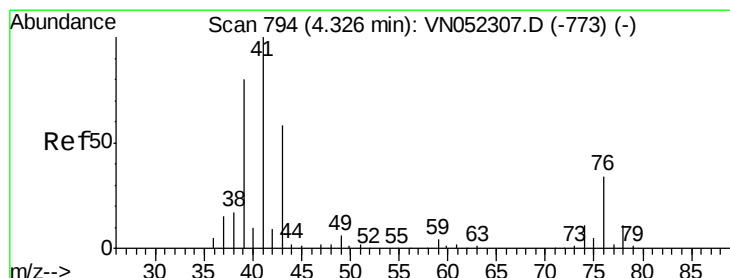
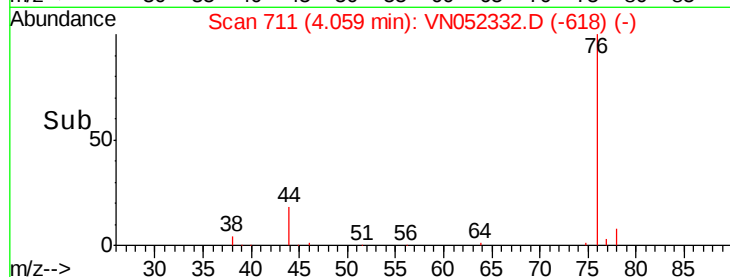
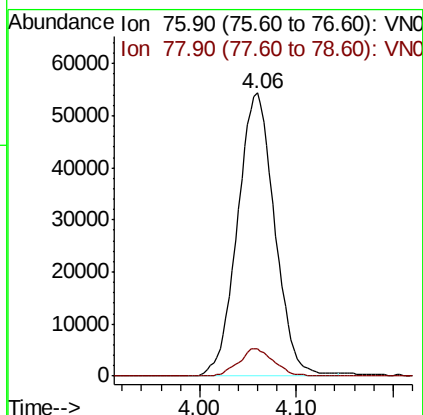
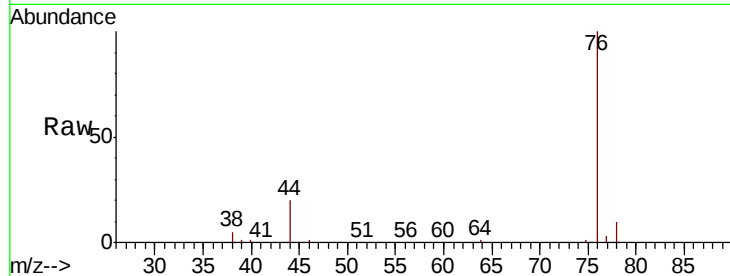
Time-->



#17
Carbon Disulfide
Concen: 17.962 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

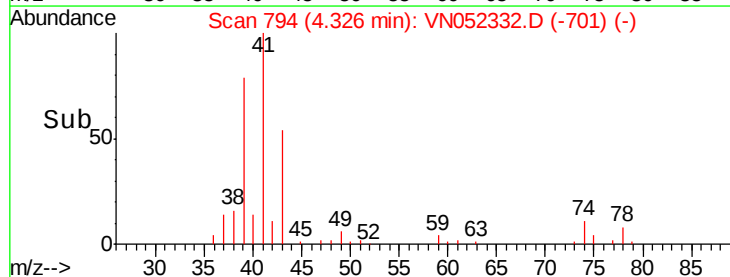
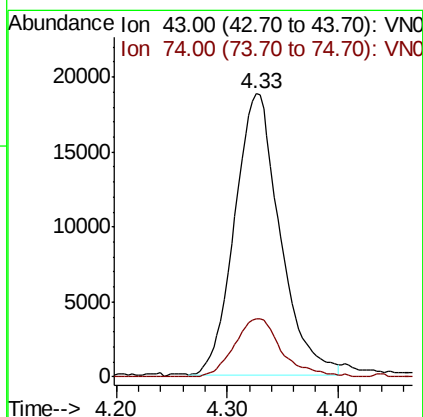
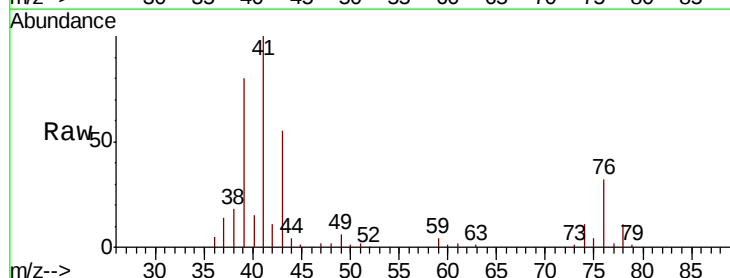
Instrument :
MSVOA_N
ClientSampled :

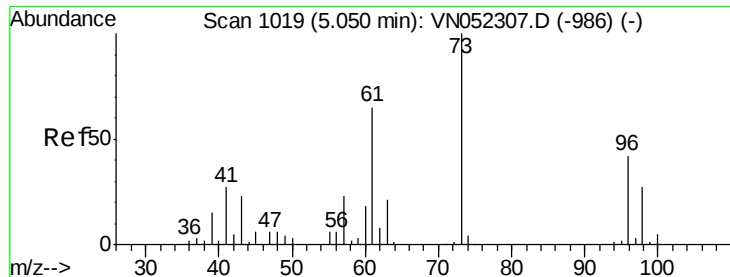
Tot Ion: 76 Resp: 145269
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5



#18
Methyl Acetate
Concen: 18.101 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion: 43 Resp: 53214
Ion Ratio Lower Upper
43 100
74 21.8 15.9 23.9

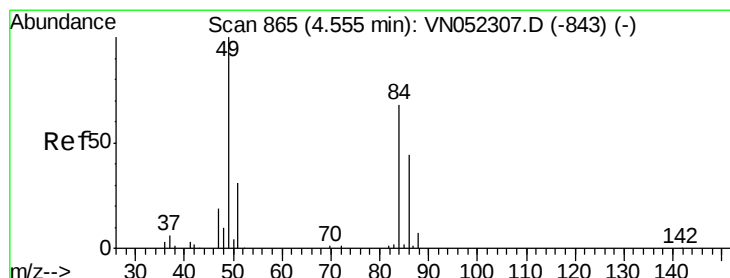
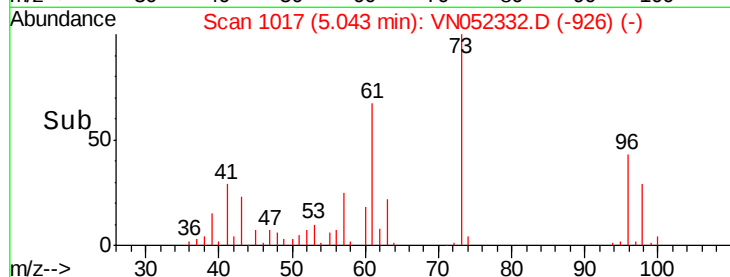
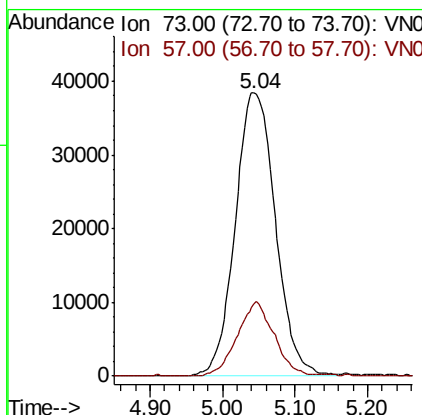
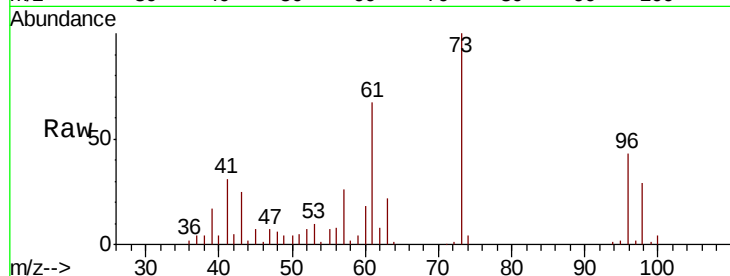




#19
Methvl tert-butvl Ether
Concen: 18.311 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

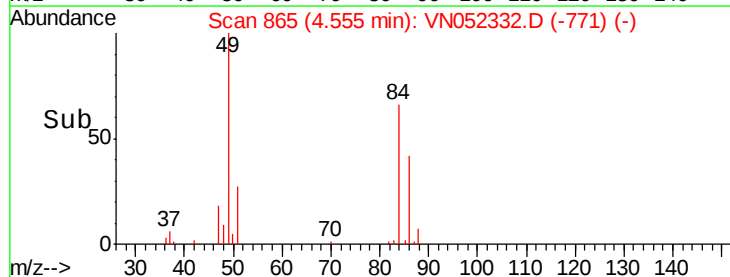
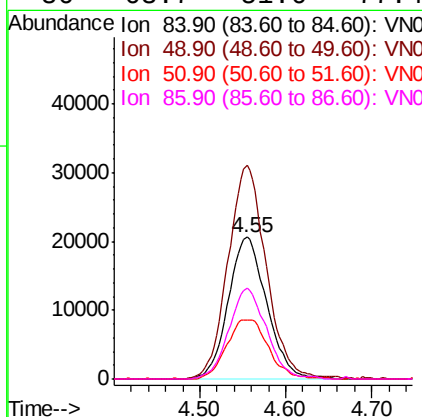
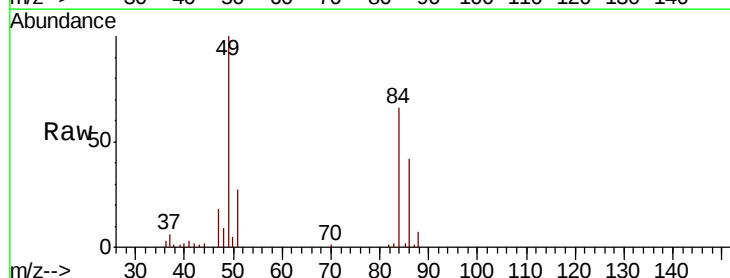
Instrument :
MSVOA_N
ClientSampleId :

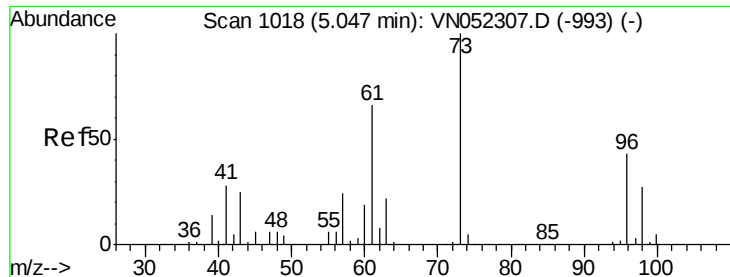
Tot Ion: 73 Resp: 148419
Ion Ratio Lower Upper
73 100
57 25.7 18.7 28.1



#20
Methylene Chloride
Concen: 19.390 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion: 84 Resp: 64244
Ion Ratio Lower Upper
84 100
49 149.8 118.2 177.2
51 41.4 36.1 54.1
86 63.7 51.6 77.4

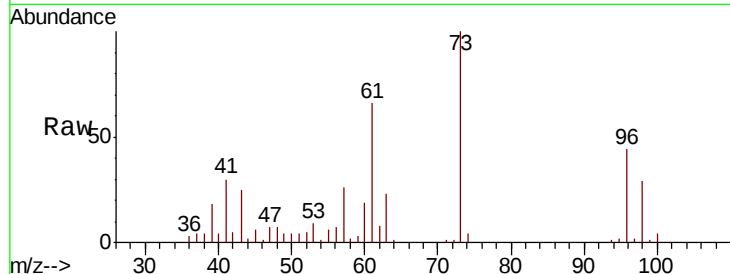




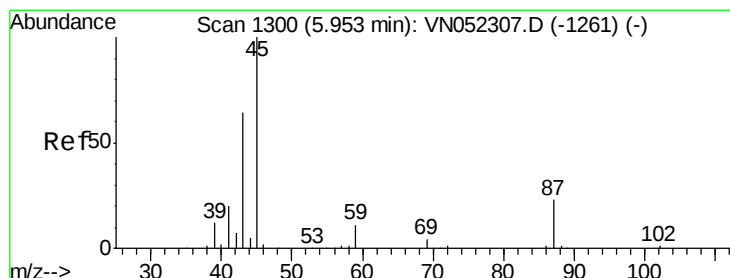
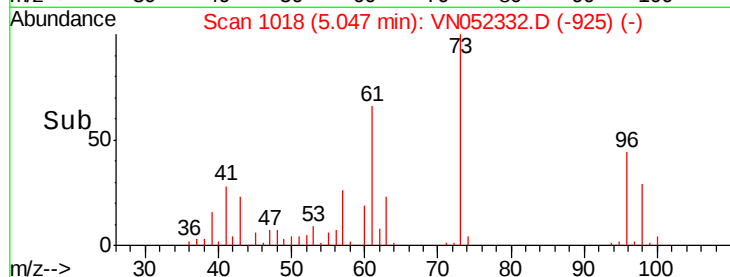
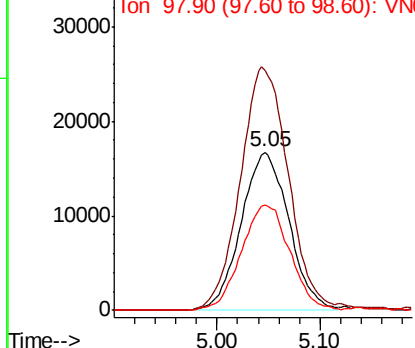
#21
trans-1,2-Dichloroethene
Concen: 17.702 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 53755
Ion Ratio Lower Upper
96 100
61 151.8 123.6 185.4
98 66.9 50.7 76.1

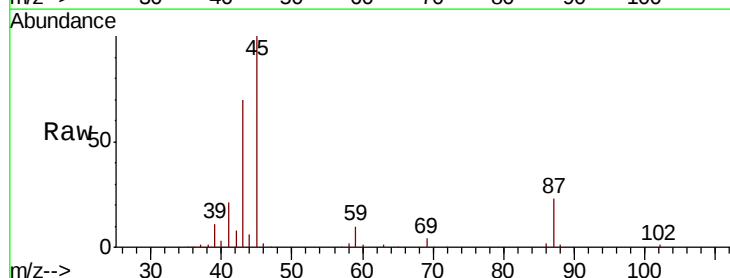


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

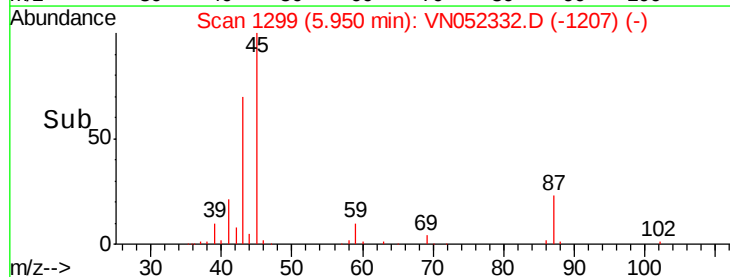
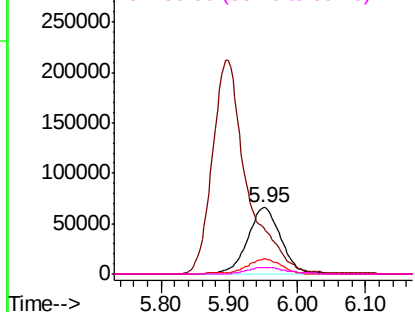


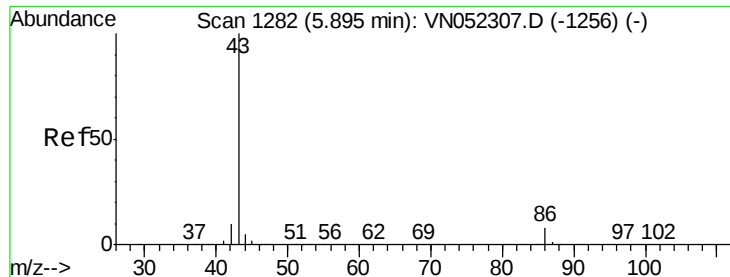
#22
Diisopropyl ether
Concen: 18.845 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion: 45 Resp: 222681
Ion Ratio Lower Upper
45 100
43 68.6 51.4 77.2
87 22.8 18.8 28.2
59 10.0 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: 93.501 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

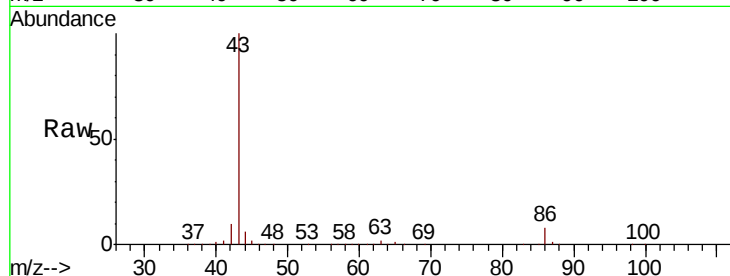
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 749497

Ion Ratio Lower Upper

43 100

86 7.9 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN052332.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN052332.D (-1189) (-)

250000

200000

150000

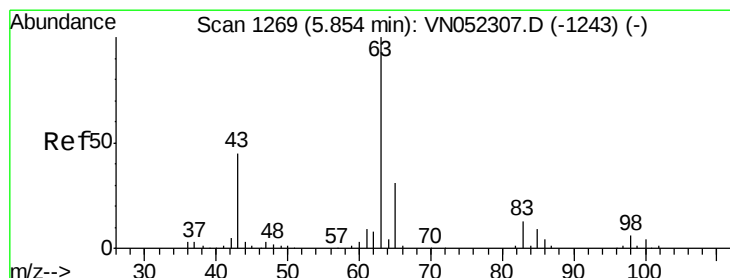
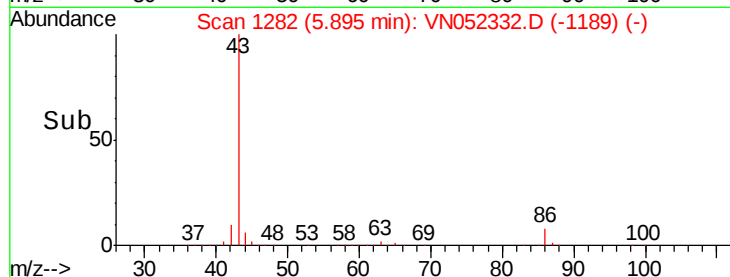
100000

50000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 18.374 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

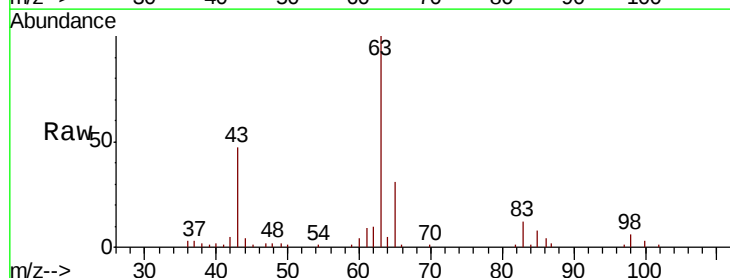
Tgt Ion: 63 Resp: 116423

Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.6

100 3.2 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN052332.D (-1176) (-)

Ion 97.90 (97.60 to 98.60): VN052332.D (-1176) (-)

Ion 99.90 (99.60 to 100.60): VN052332.D (-1176) (-)

50000

40000

30000

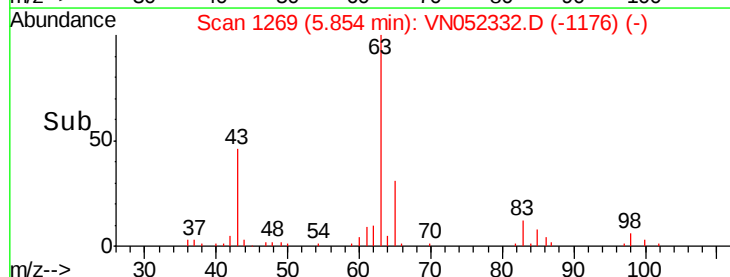
20000

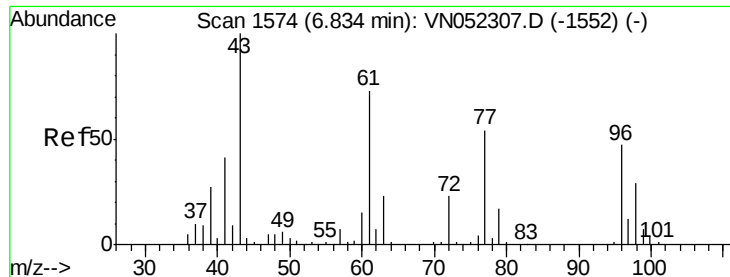
10000

0

5.70 5.80 5.90 6.00

Time-->





#25

2-Butanone

Concen: 91.372 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

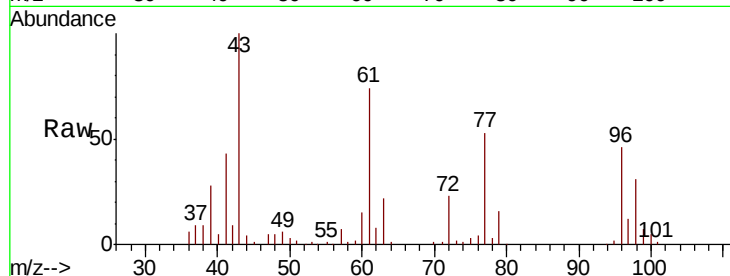
ClientSampled :

Tot Ion: 43 Resp: 137034

Ion Ratio Lower Upper

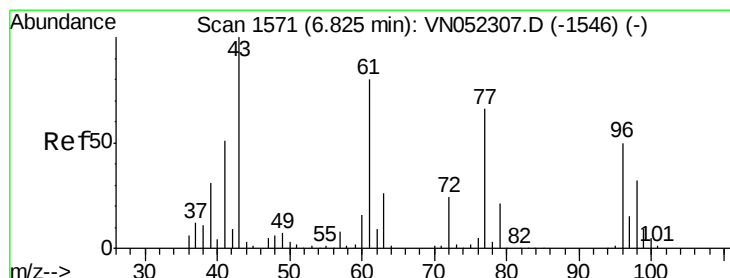
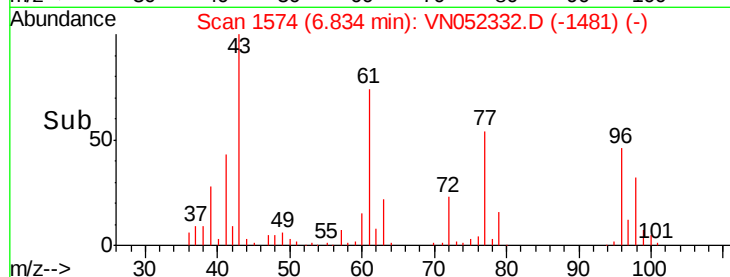
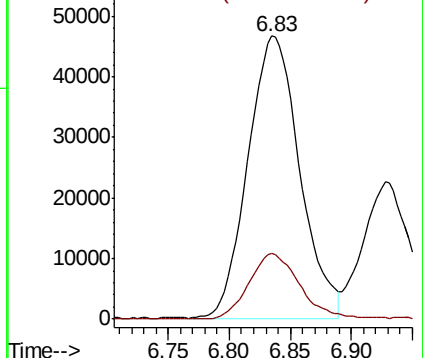
43 100

72 23.4 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: 18.318 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052332.D

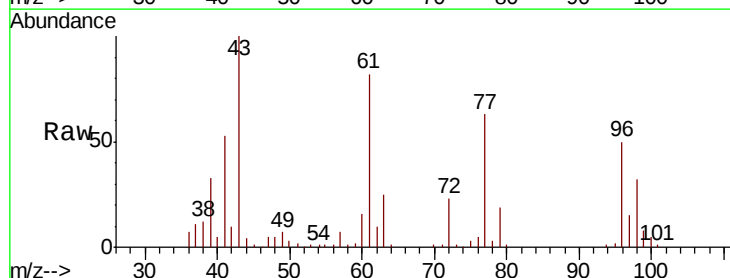
Acq: 15 Nov 2018 10:23

Tgt Ion: 77 Resp: 85348

Ion Ratio Lower Upper

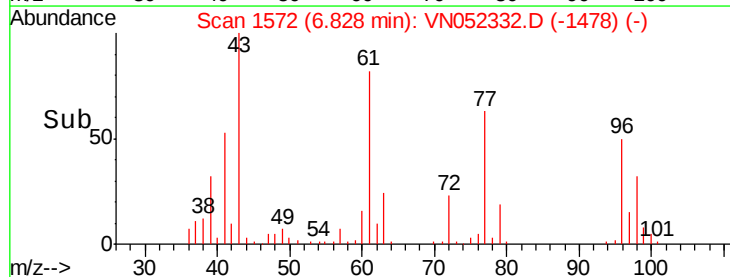
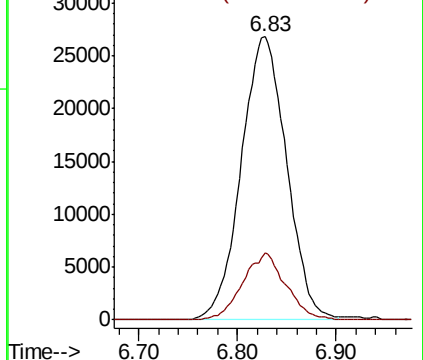
77 100

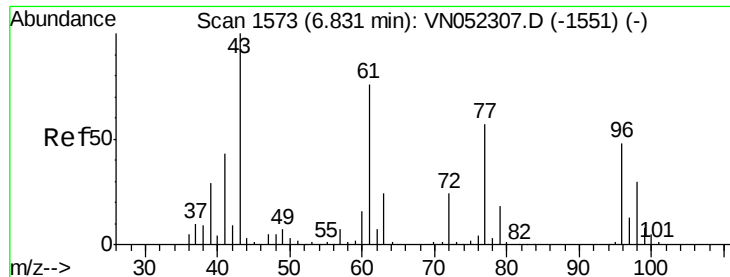
97 22.4 11.1 33.1



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: 18.028 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :
MSVOA_N
ClientSampled :

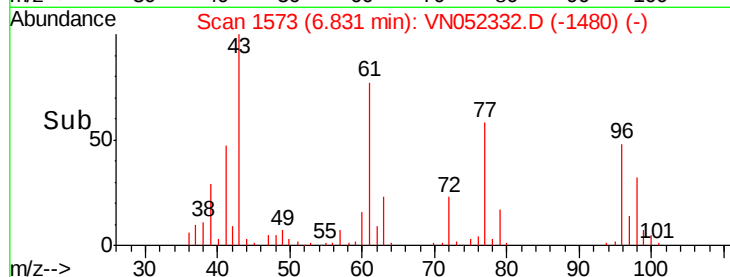
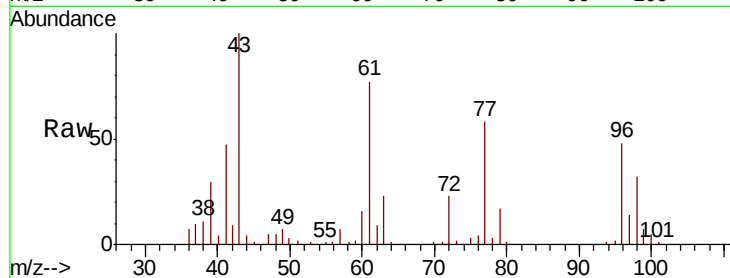
Tot Ion: 96 Resp: 63729

Ion Ratio Lower Upper

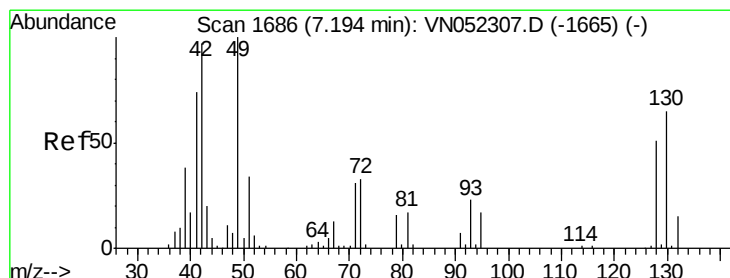
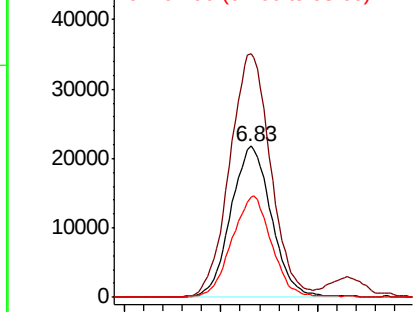
96 100

61 162.1 0.0 316.8

98 65.3 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.396 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

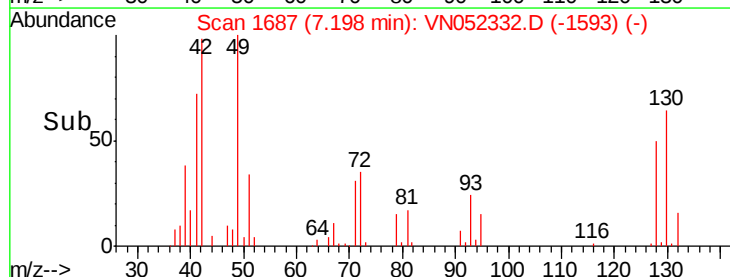
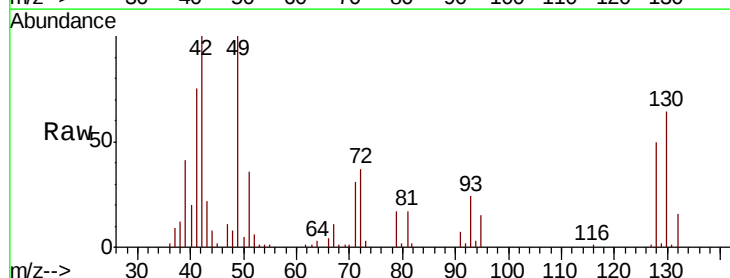
Tgt Ion: 49 Resp: 63191

Ion Ratio Lower Upper

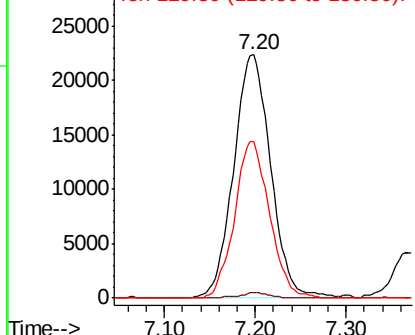
49 100

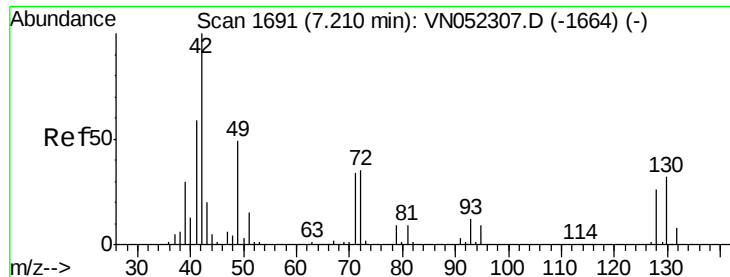
129 1.9 0.0 3.0

130 60.8 50.4 75.6



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

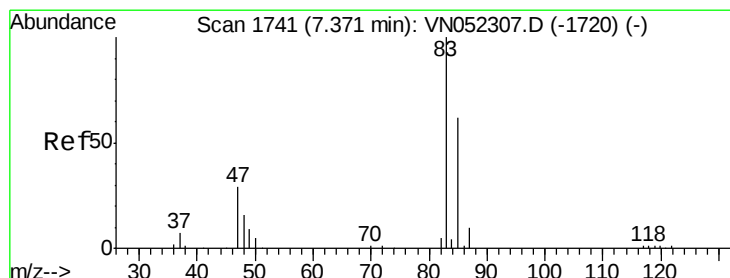
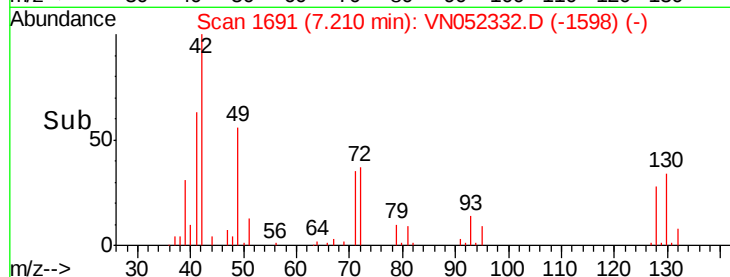
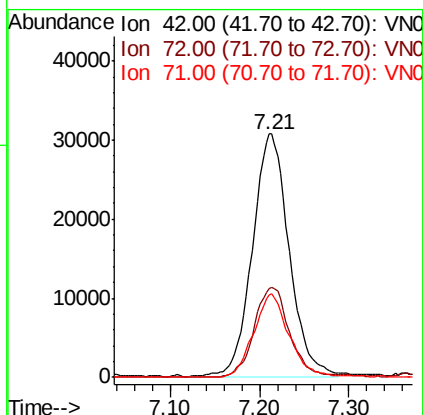
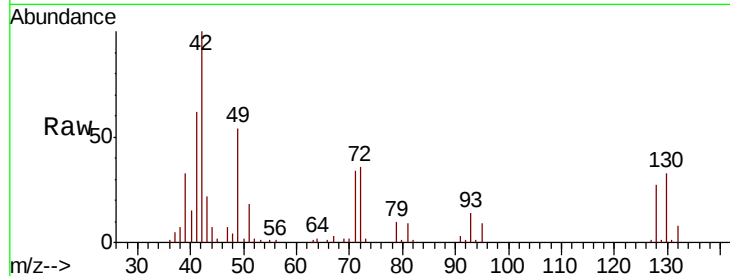




#29
Tetrahydrofuran
Concen: 90.144 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

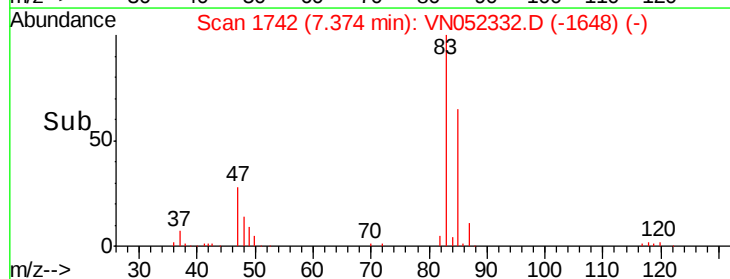
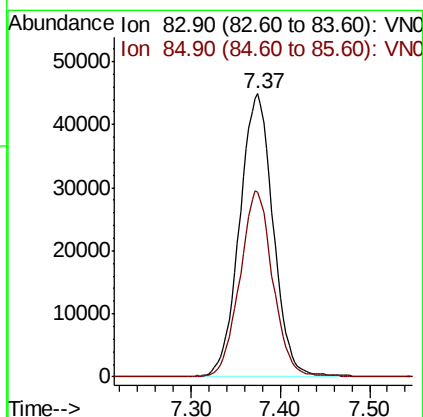
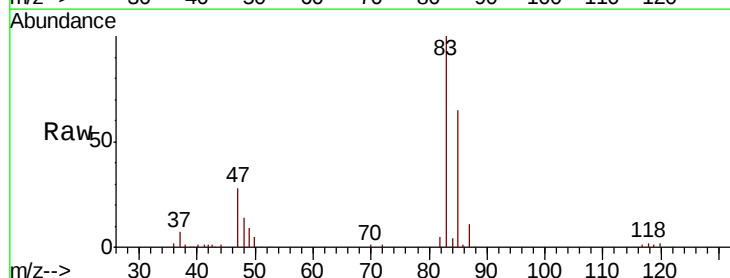
Instrument :
MSVOA_N
ClientSampled :

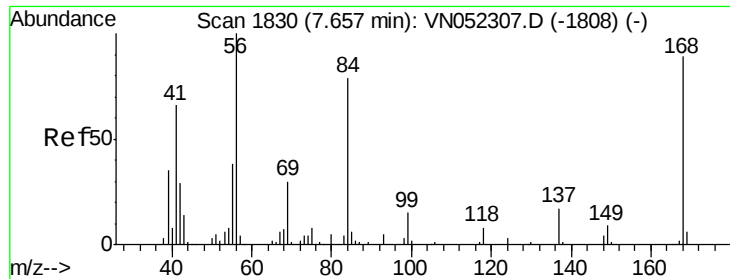
Tot Ion: 42 Resp: 88812
Ion Ratio Lower Upper
42 100
72 35.3 28.6 42.8
71 32.8 26.7 40.1



#30
Chloroform
Concen: 19.397 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion: 83 Resp: 117129
Ion Ratio Lower Upper
83 100
85 65.3 49.4 74.2

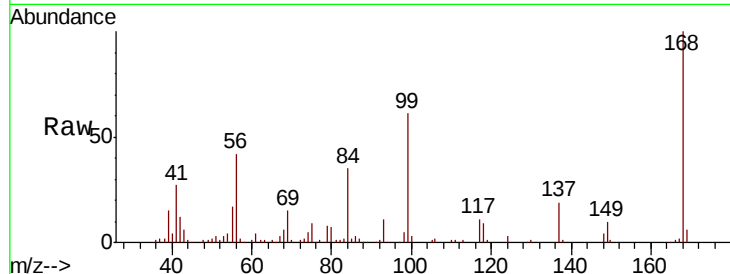




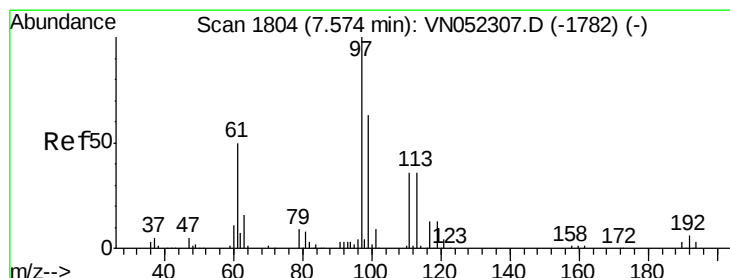
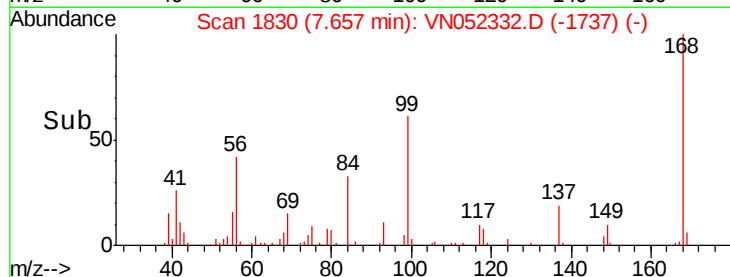
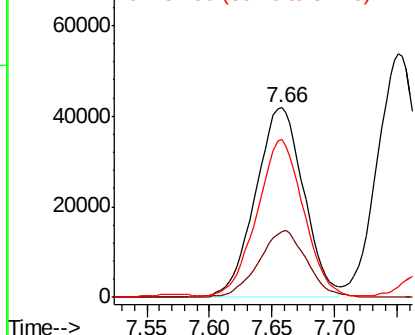
#31
Cyclohexane
Concen: 18.381 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 112080
Ion Ratio Lower Upper
56 100
69 34.9 23.8 35.8
84 82.1 63.0 94.6

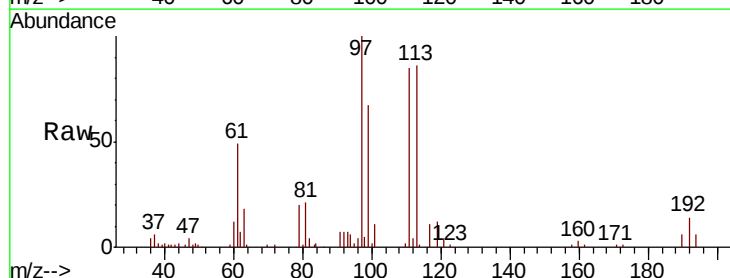


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

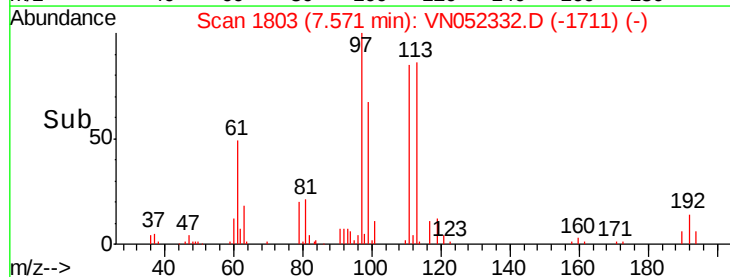
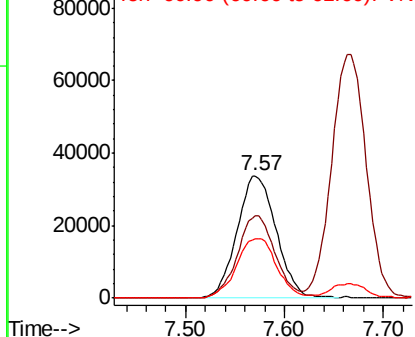


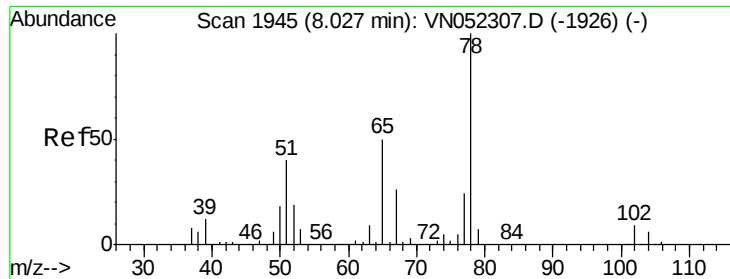
#32
1,1,1-Trichloroethane
Concen: 18.069 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion: 97 Resp: 92947
Ion Ratio Lower Upper
97 100
99 64.6 50.2 75.2
61 50.0 40.2 60.4



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

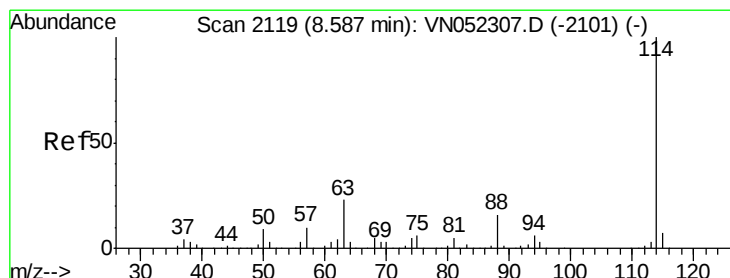
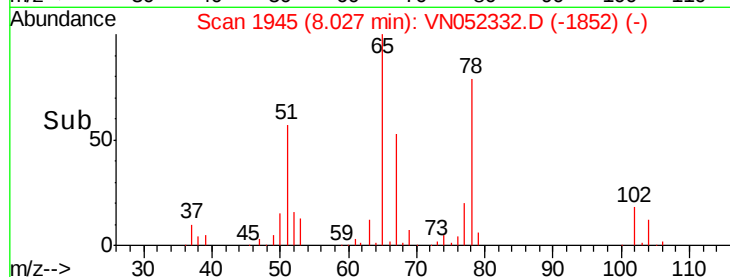
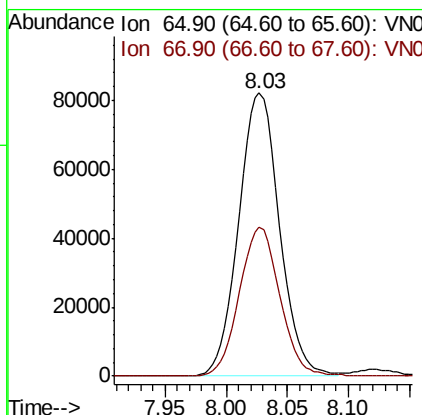
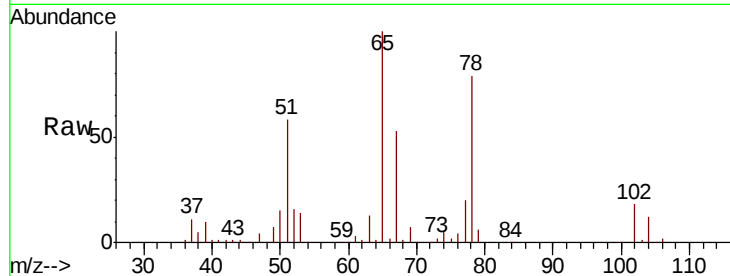




#33
 1,2-Dichloroethane-d4
 Concen: 18.069 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

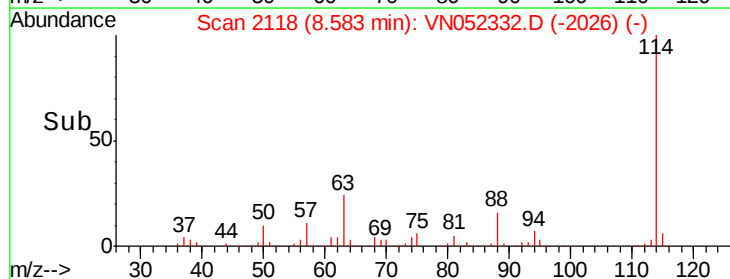
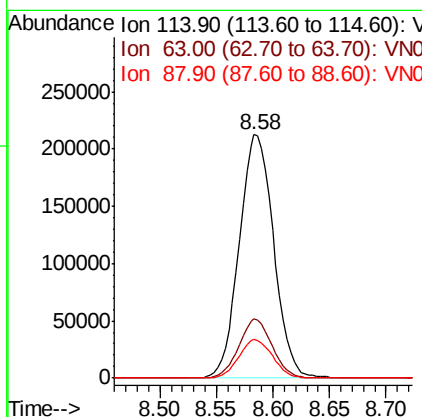
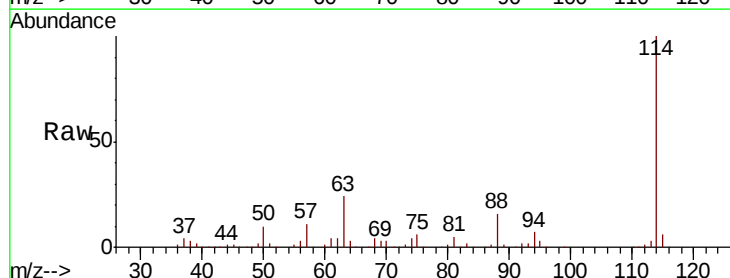
Instrument :
 MSVOA_N
 ClientSampleId :

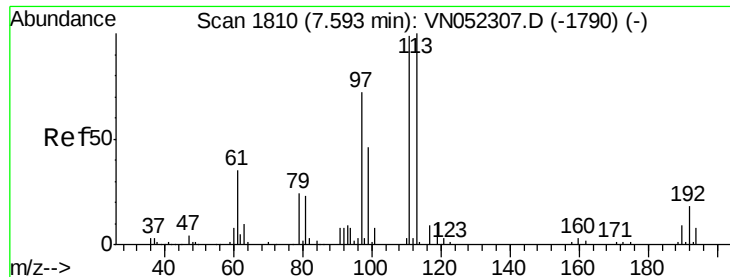
Tot Ion: 65 Resp: 190075
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion: 114 Resp: 450217
 Ion Ratio Lower Upper
 114 100
 63 24.4 0.0 45.4
 88 15.8 0.0 31.2

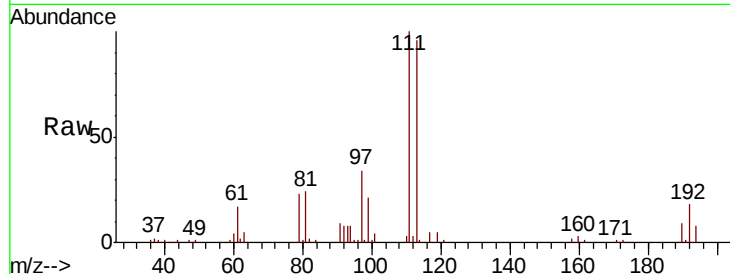




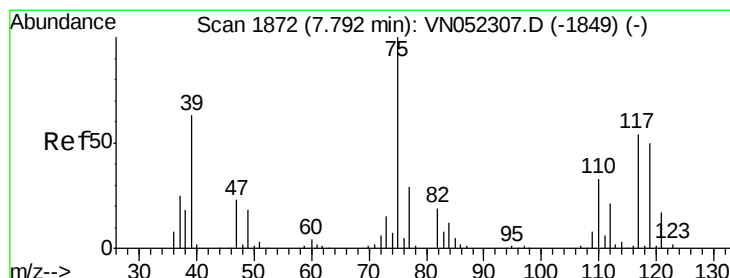
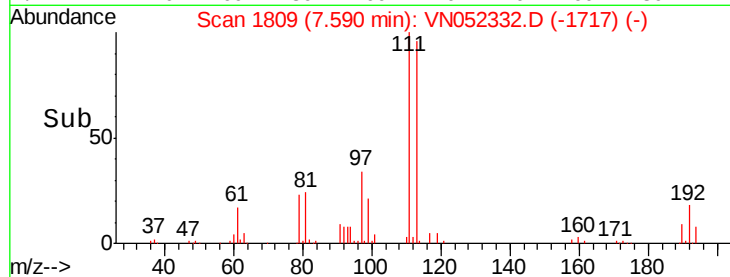
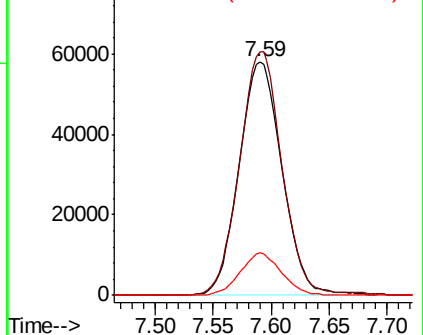
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 149176
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.0 121.6
 192 17.4 13.8 20.6

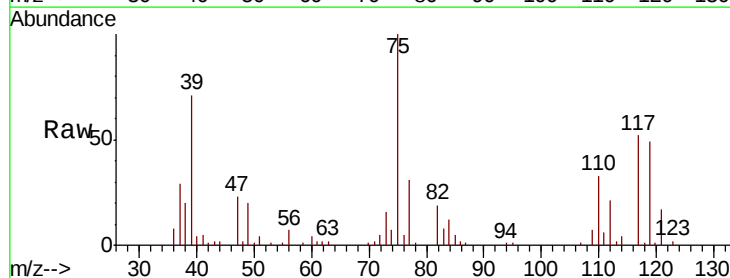


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

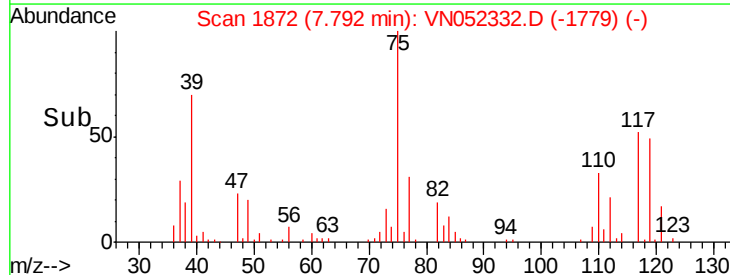
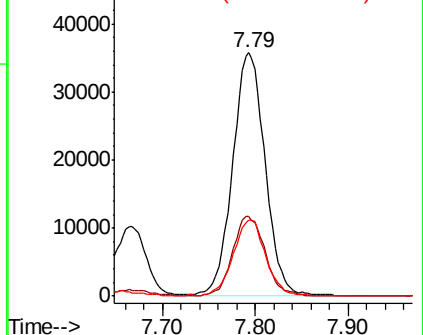


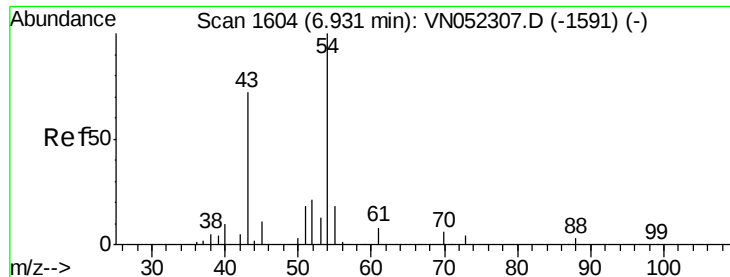
#36
 1,1-Dichloropropene
 Concen: 19.326 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion: 75 Resp: 87210
 Ion Ratio Lower Upper
 75 100
 110 32.5 16.5 49.5
 77 31.1 24.2 36.2



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

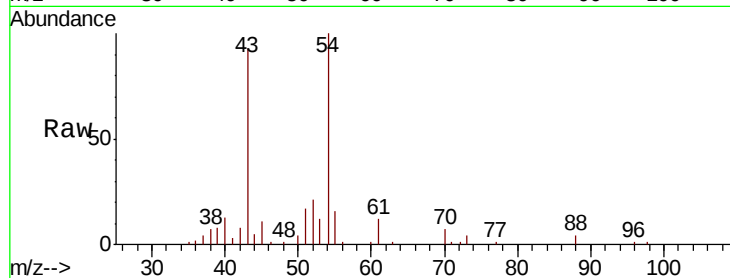




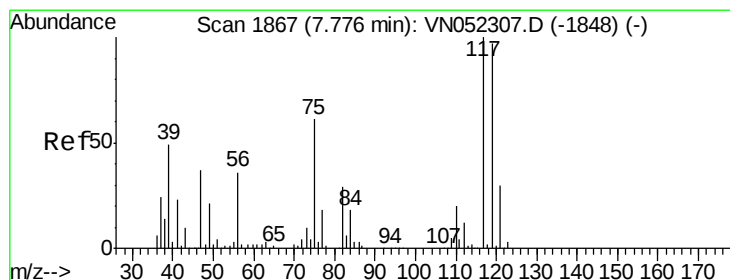
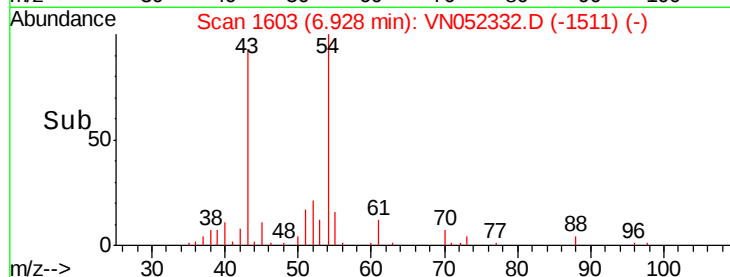
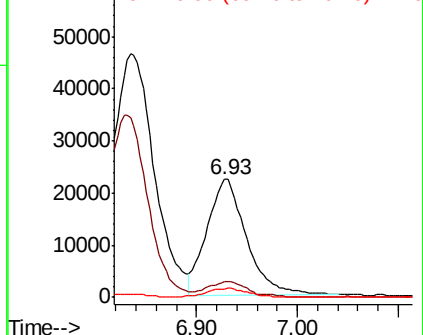
#37
Ethyl Acetate
Concen: 18.746 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 61391
Ion Ratio Lower Upper
43 100
61 13.6 10.3 15.5
70 7.9 5.6 8.4

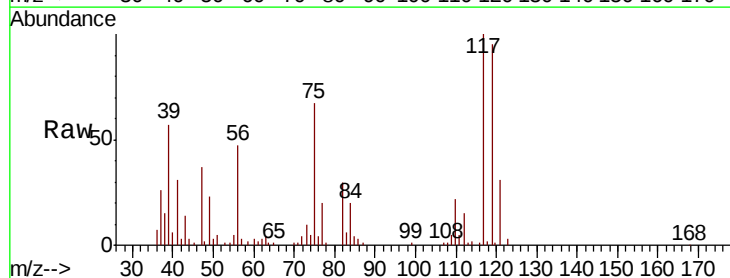


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

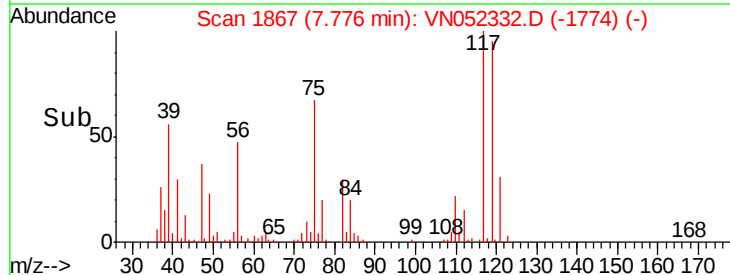
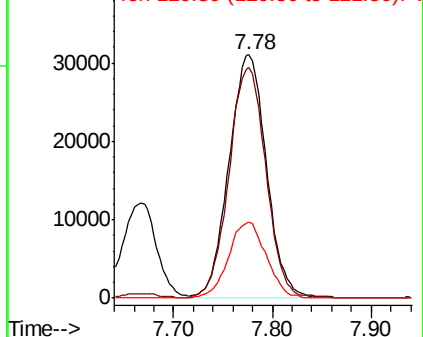


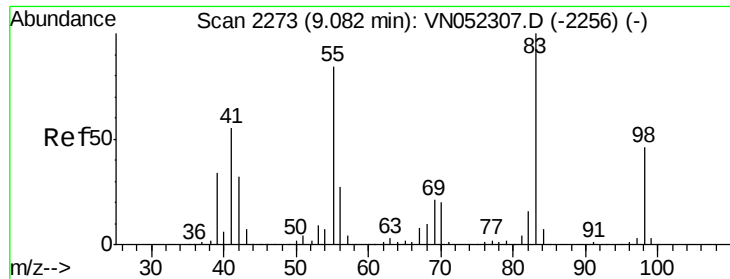
#38
Carbon Tetrachloride
Concen: 19.782 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion: 117 Resp: 82011
Ion Ratio Lower Upper
117 100
119 94.8 77.4 116.0
121 31.3 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

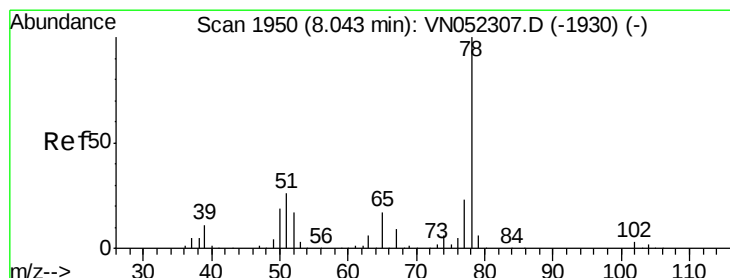
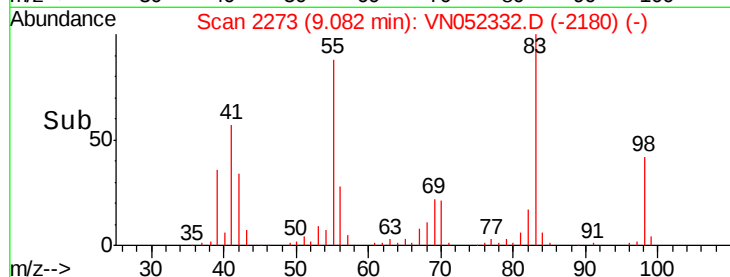
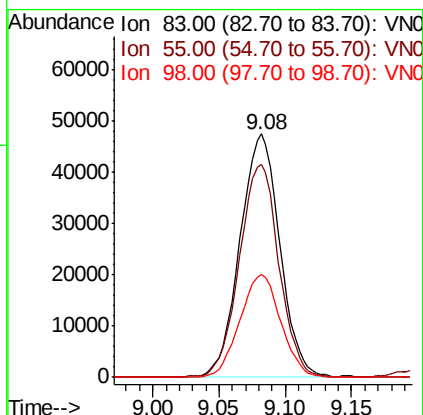
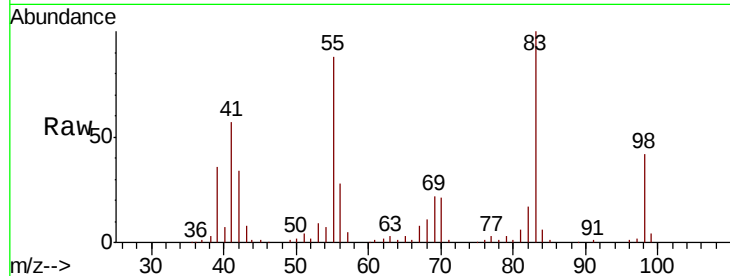




#39
Methvlcvclohexane
Concen: 19.272 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

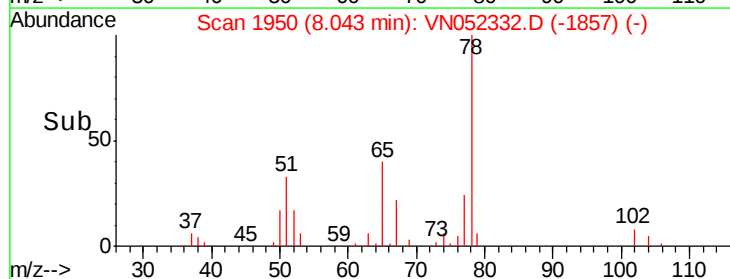
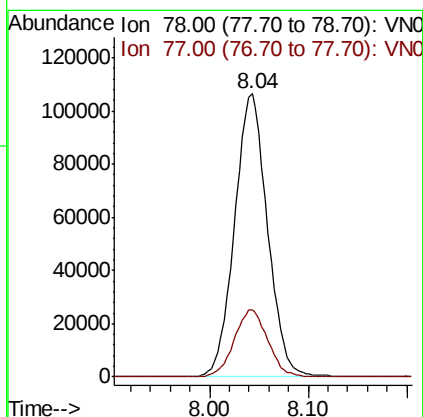
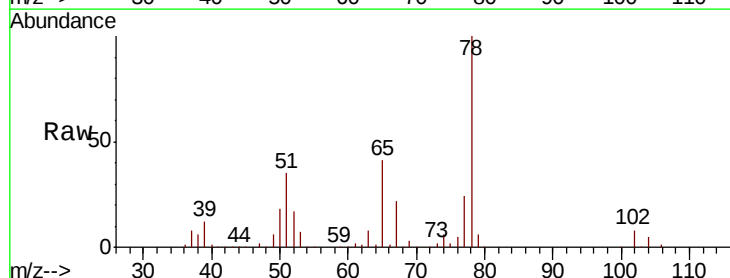
Instrument :
MSVOA_N
ClientSampleId :

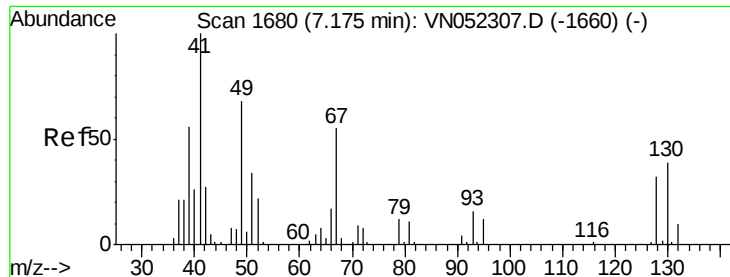
Tot Ion: 83 Resp: 99276
Ion Ratio Lower Upper
83 100
55 87.3 66.8 100.2
98 42.2 36.4 54.6



#40
Benzene
Concen: 19.106 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion: 78 Resp: 246296
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

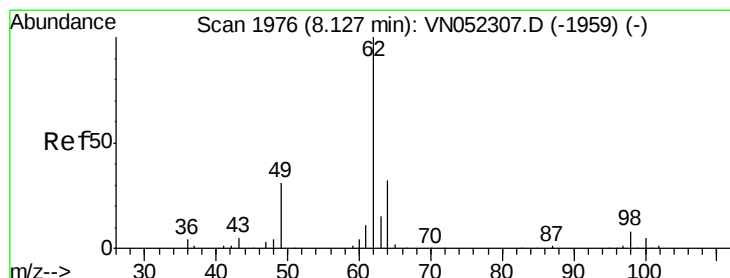
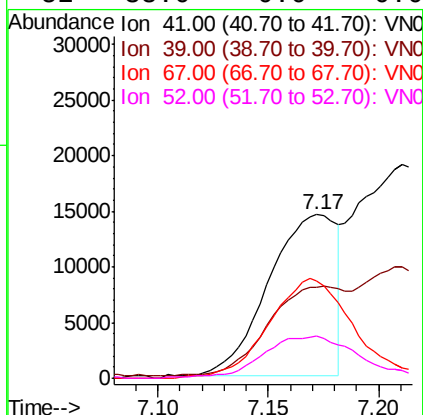
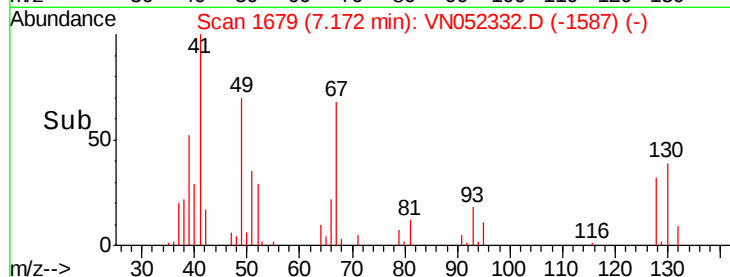
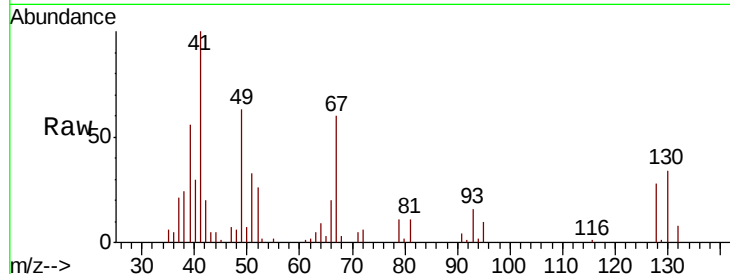




#41
Methacrylonitrile
Concen: 19.540 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

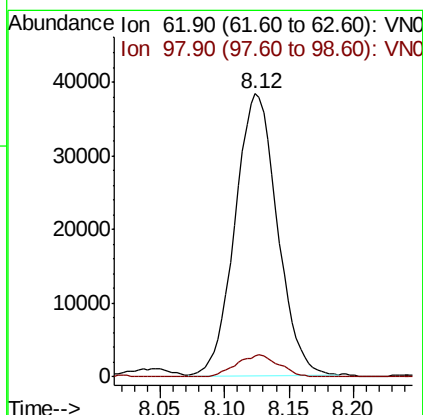
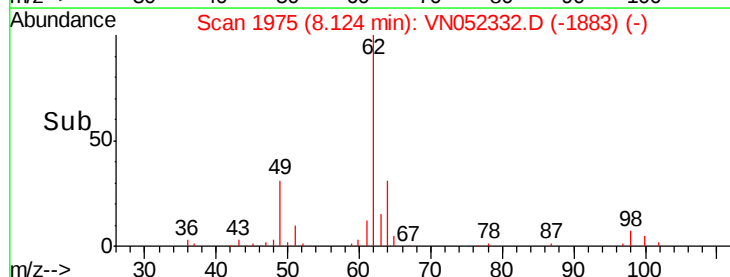
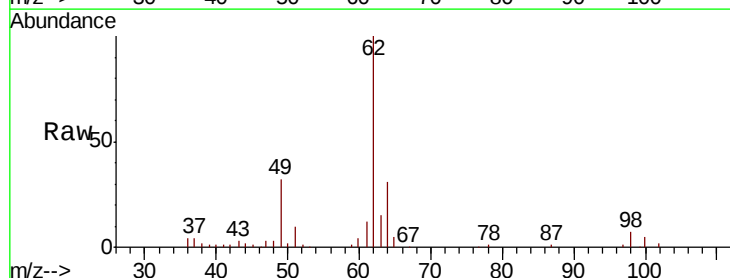
Instrument :
MSVOA_N
ClientSampled :

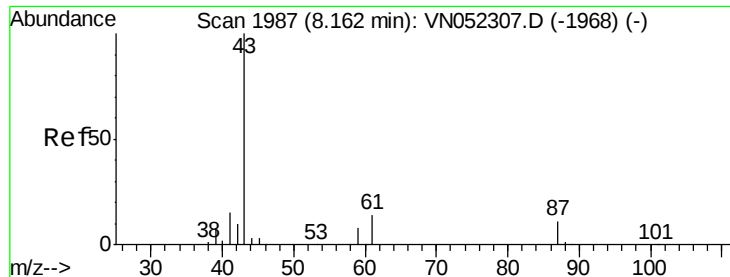
Tot Ion: 41 Resp: 31120
Ion Ratio Lower Upper
41 100
39 61.2 0.0 0.0#
67 76.9 0.0 0.0#
52 38.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.020 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion: 62 Resp: 87436
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.6



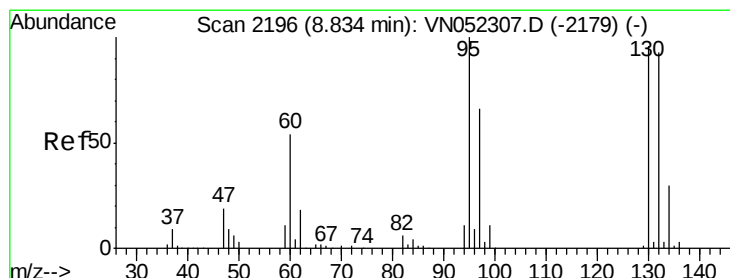
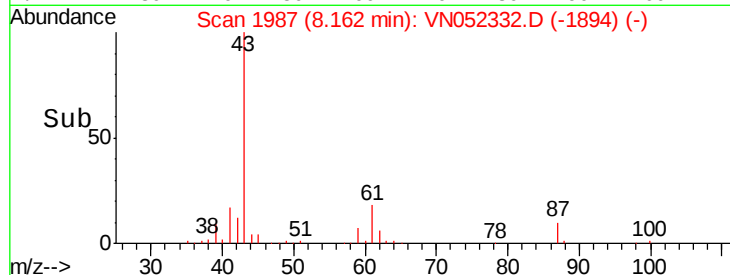
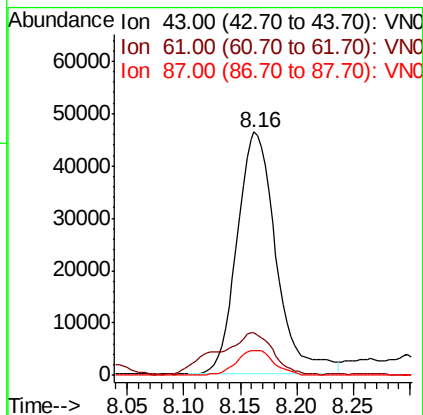
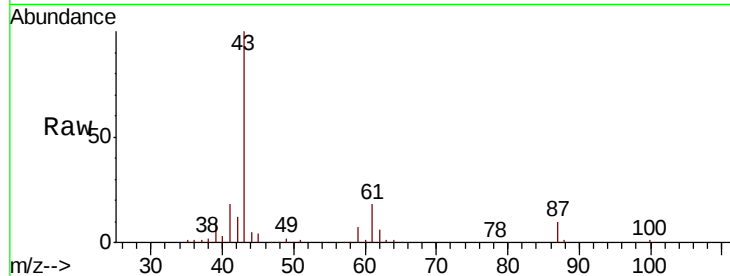


#43

Isopropyl Acetate
 Concen: 17.654 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Instrument :
 MSVOA_N
 ClientSampled :

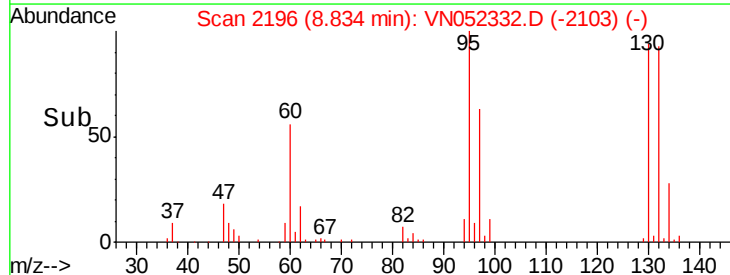
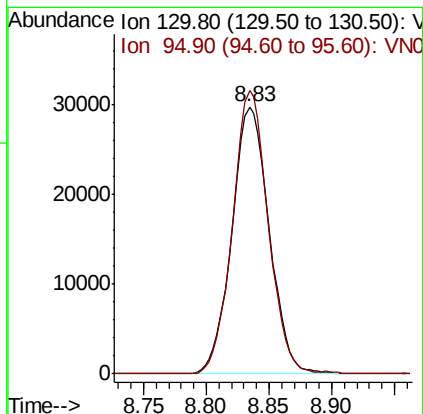
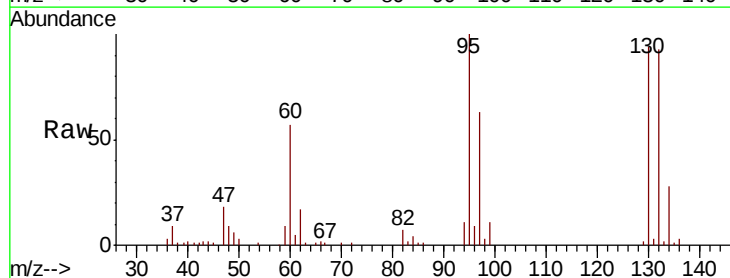
Tot Ion: 43 Resp: 111564
 Ion Ratio Lower Upper
 43 100
 61 24.6 12.0 18.0#
 87 9.8 8.3 12.5

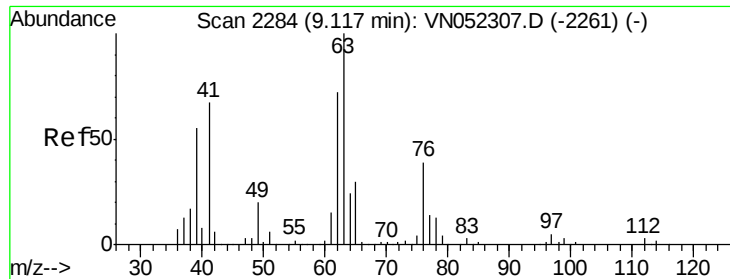


#44

Trichloroethene
 Concen: 19.345 ug/l
 RT: 8.83 min Scan# 2196
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion:130 Resp: 61428
 Ion Ratio Lower Upper
 130 100
 95 106.1 0.0 208.4

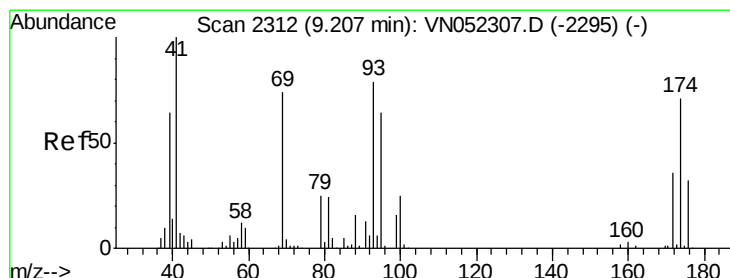
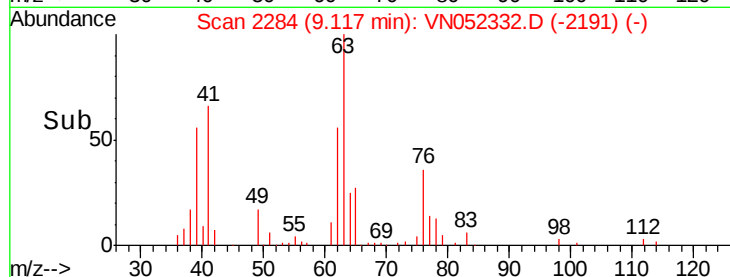
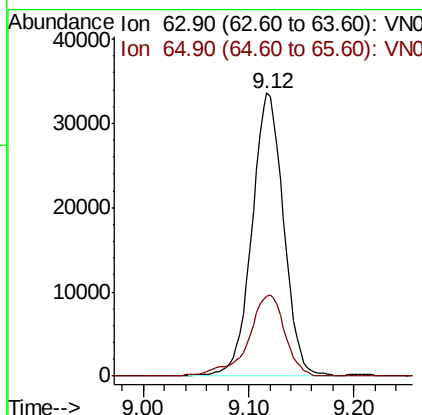
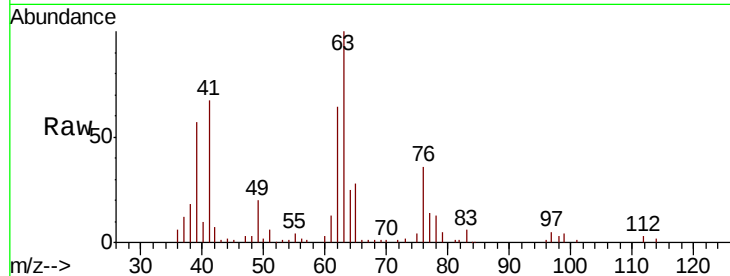




#45
 1,2-Dichloropropane
 Concen: 19.188 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

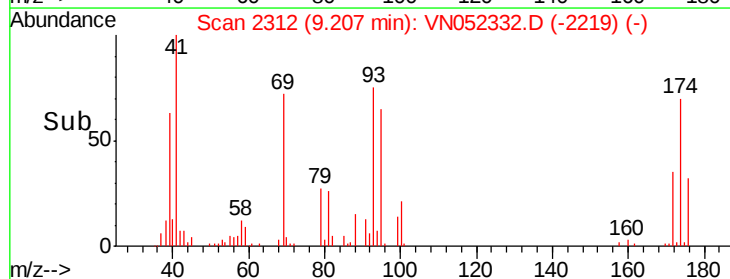
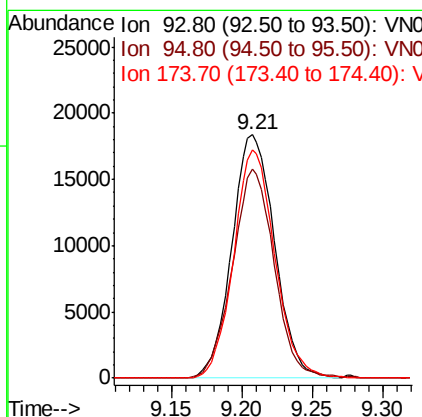
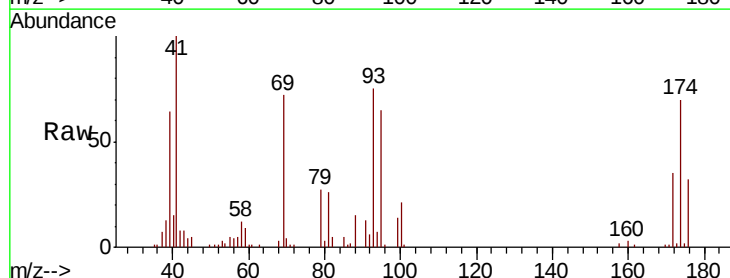
Instrument :
 MSVOA_N
 ClientSampleId :

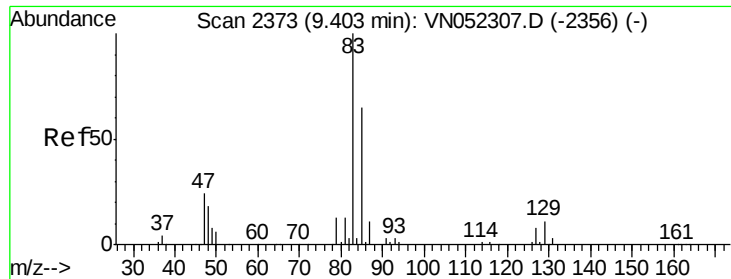
Tot Ion: 63 Resp: 70200
 Ion Ratio Lower Upper
 63 100
 65 28.1 24.2 36.4



#46
 Dibromomethane
 Concen: 18.389 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion: 93 Resp: 38947
 Ion Ratio Lower Upper
 93 100
 95 83.9 64.2 96.2
 174 90.8 70.9 106.3





#47

Bromodichloromethane

Concen: 19.455 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :
MSVOA_N
ClientSampled :

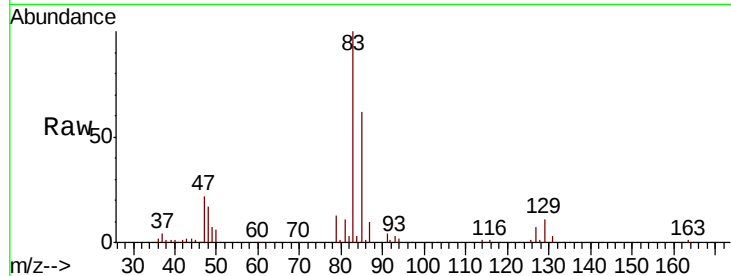
Tot Ion: 83 Resp: 84553

Ion Ratio Lower Upper

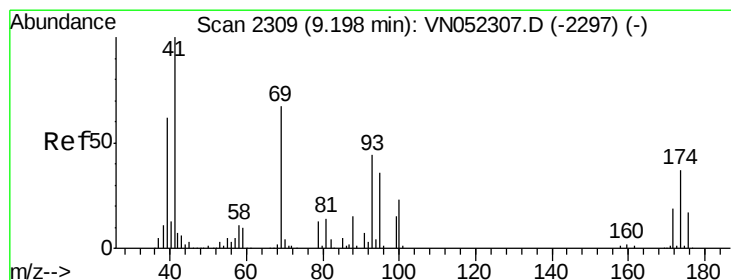
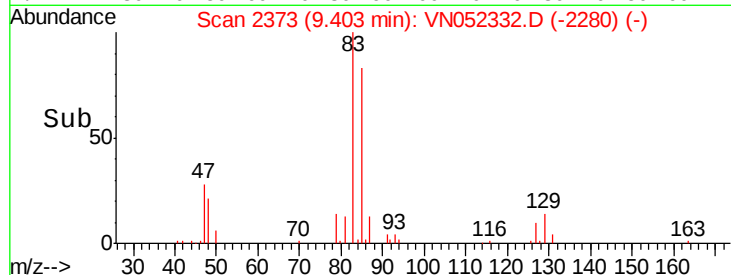
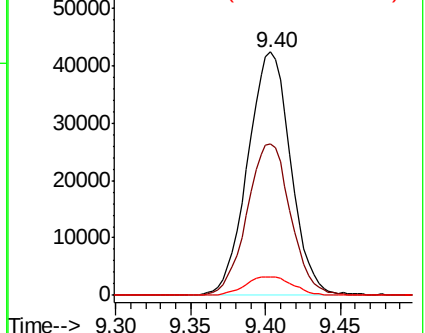
83 100

85 62.3 52.2 78.4

127 7.4 6.7 10.1



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



#48

Methyl methacrylate

Concen: 17.725 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

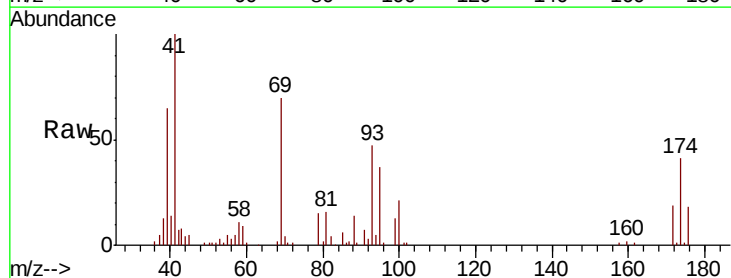
Tgt Ion: 41 Resp: 56839

Ion Ratio Lower Upper

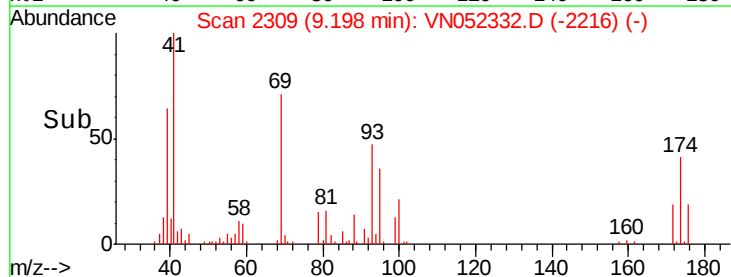
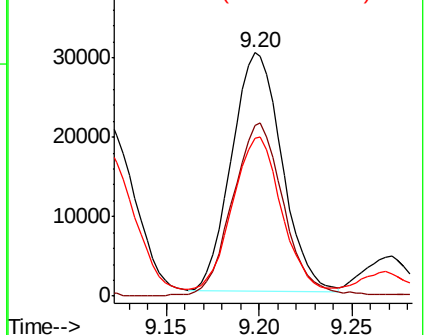
41 100

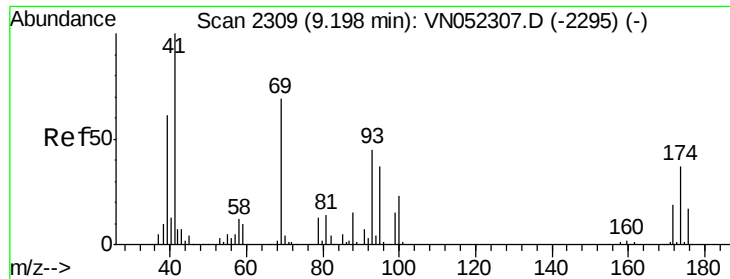
69 73.8 57.1 85.7

39 65.4 52.5 78.7



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

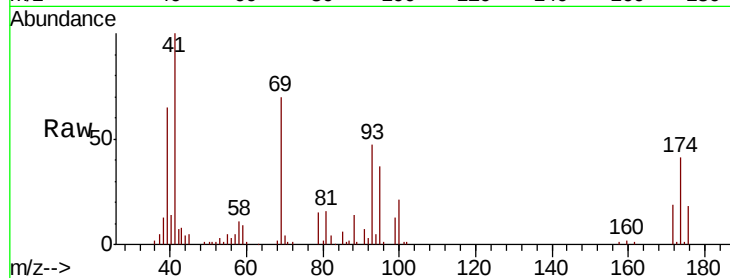




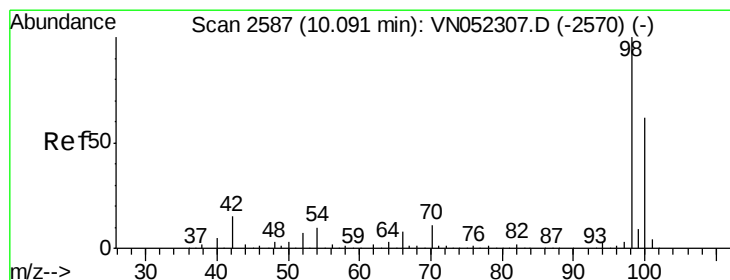
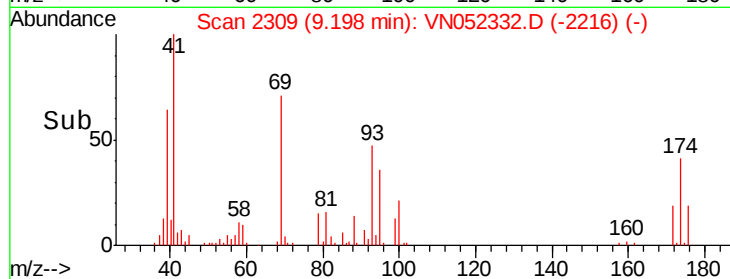
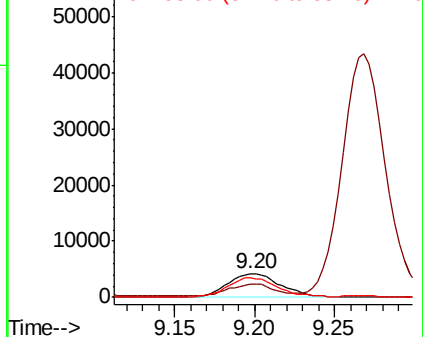
#49
 1,4-Dioxane
 Concen: 384.387 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 88 Resp: 9462
 Ion Ratio Lower Upper
 88 100
 43 44.3 33.3 49.9
 58 78.5 59.2 88.8

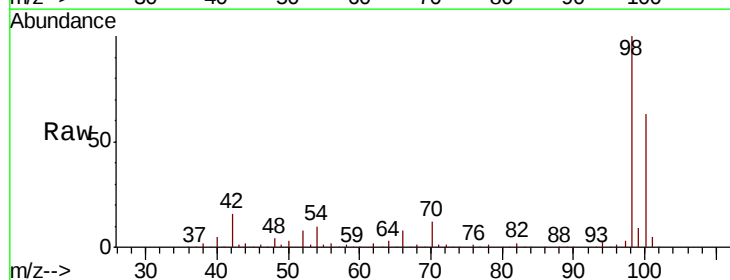


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

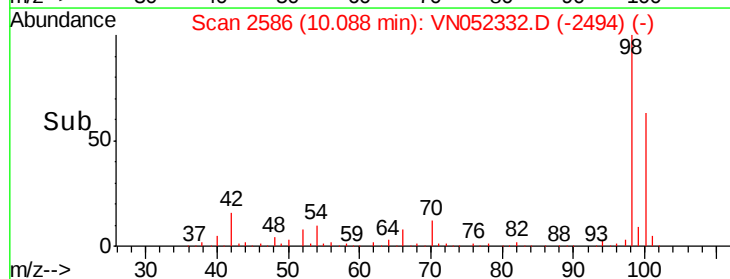
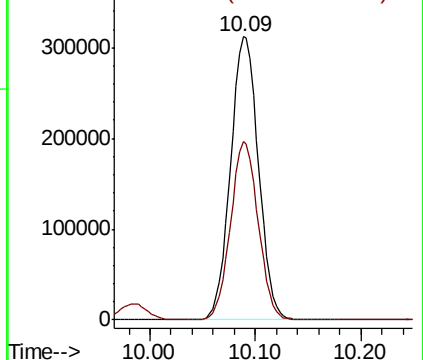


#50
 Toluene-d8
 Concen: 384.387 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion: 98 Resp: 571563
 Ion Ratio Lower Upper
 98 100
 100 62.3 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: 95.061 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

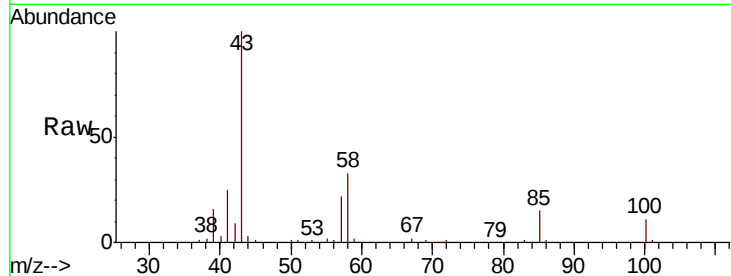
ClientSampleId :

Tot Ion: 43 Resp: 302394

Ion Ratio Lower Upper

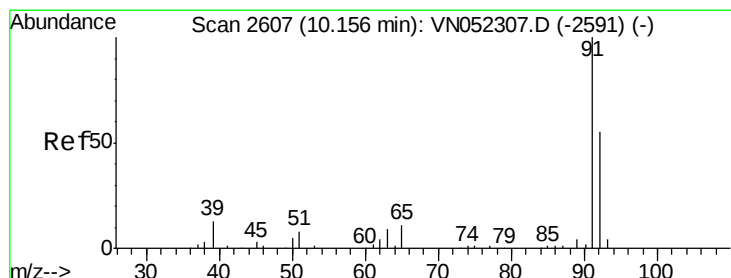
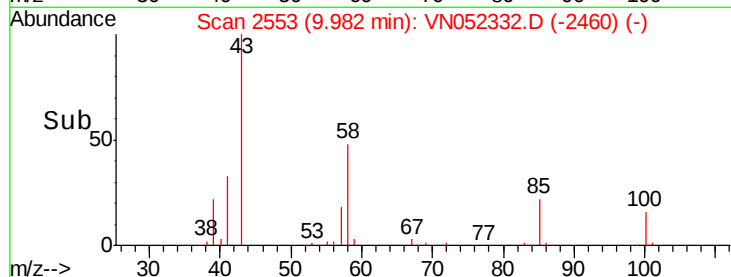
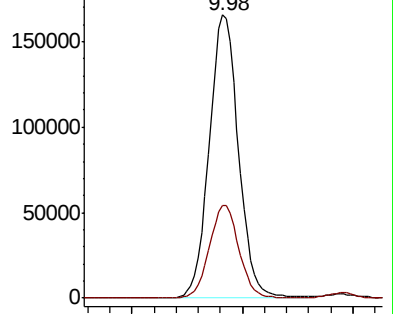
43 100

58 33.2 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.222 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052332.D

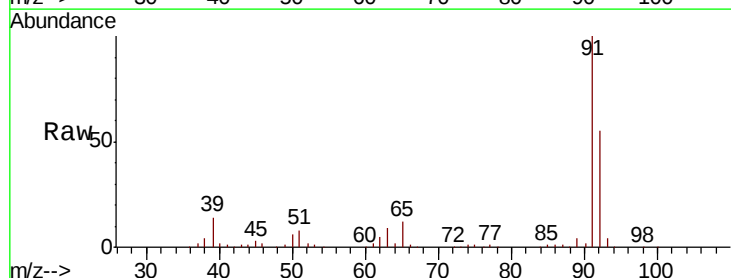
Acq: 15 Nov 2018 10:23

Tgt Ion: 92 Resp: 148236

Ion Ratio Lower Upper

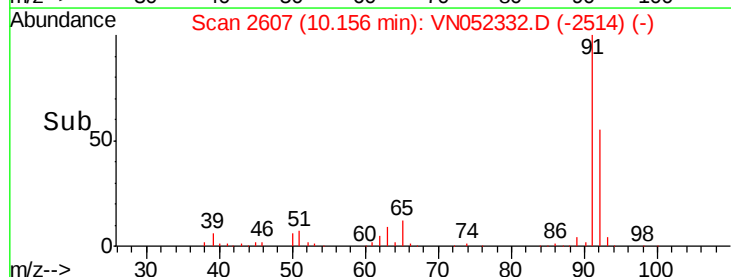
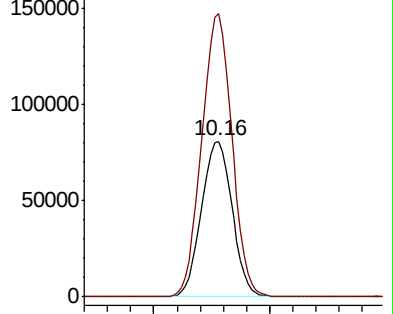
92 100

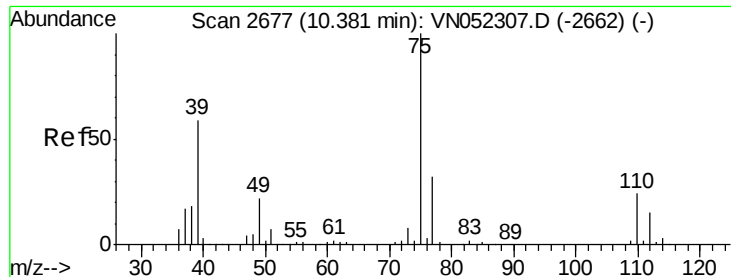
91 179.2 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 18.421 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

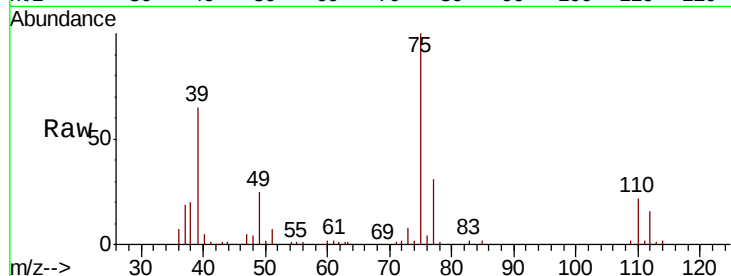
ClientSampleId :

Tot Ion: 75 Resp: 80744

Ion Ratio Lower Upper

75 100

77 31.0 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

50000

40000

30000

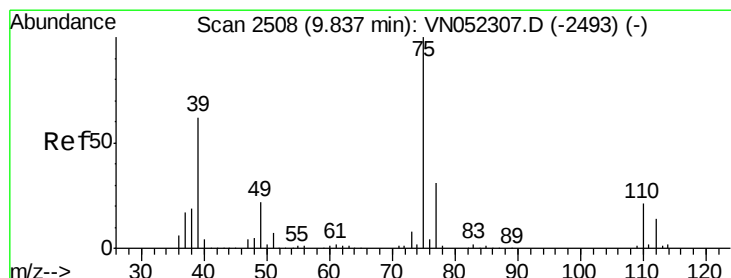
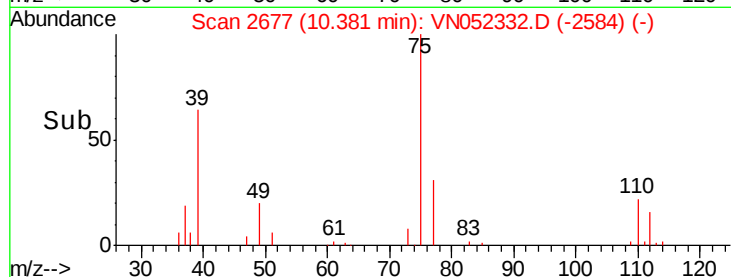
20000

10000

0

Time-->

10.30 10.40



#54

cis-1,3-Dichloropropene

Concen: 18.810 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

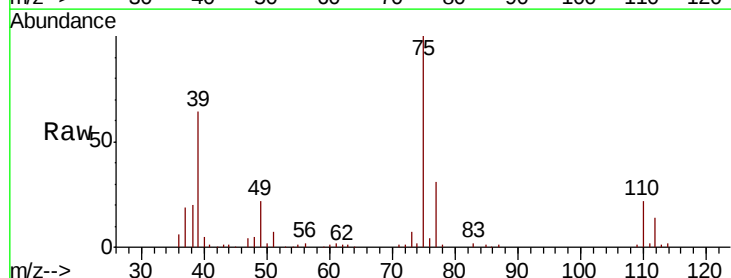
Tgt Ion: 75 Resp: 93991

Ion Ratio Lower Upper

75 100

77 31.4 24.6 36.8

39 63.7 49.9 74.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

60000

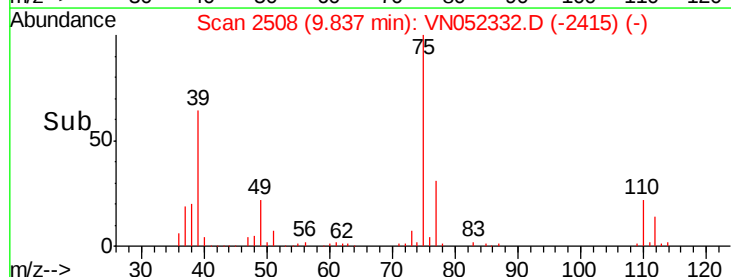
40000

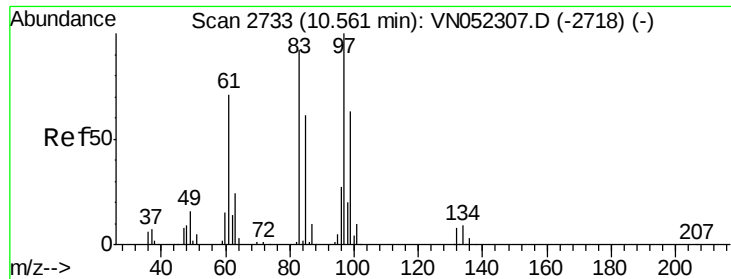
20000

0

Time-->

9.75 9.80 9.85 9.90

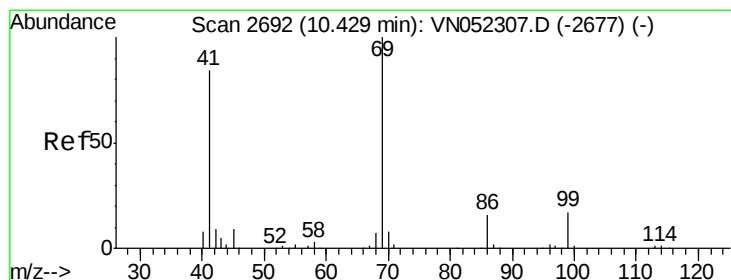
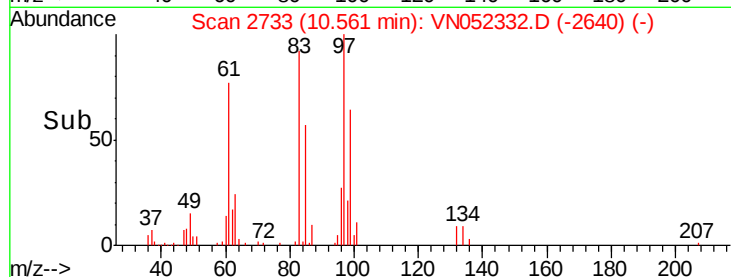
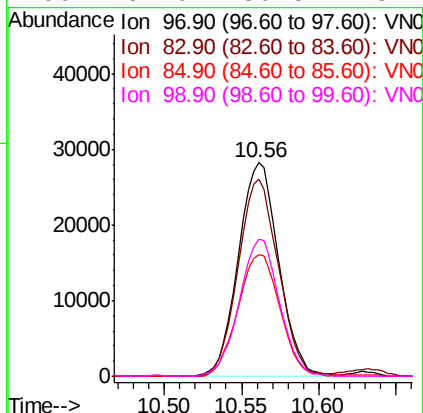
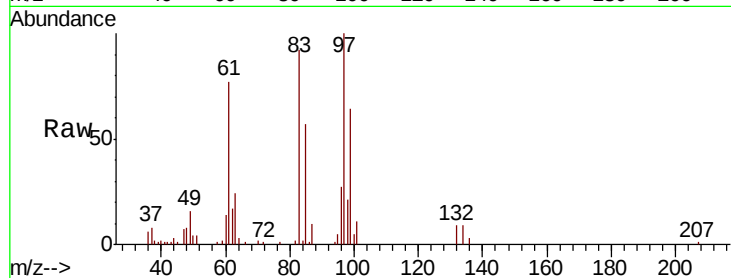




#55
 1,1,2-Trichloroethane
 Concen: 18.343 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

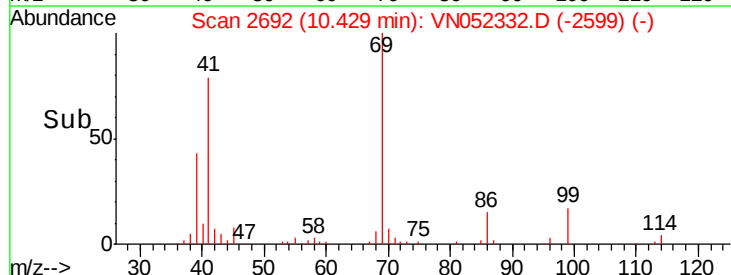
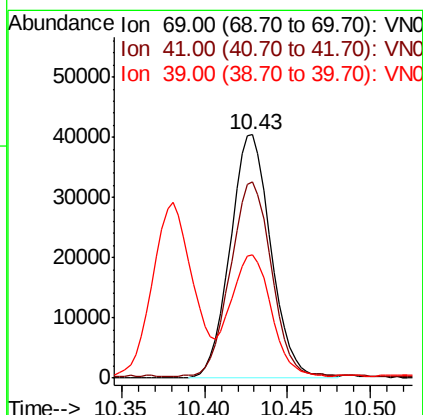
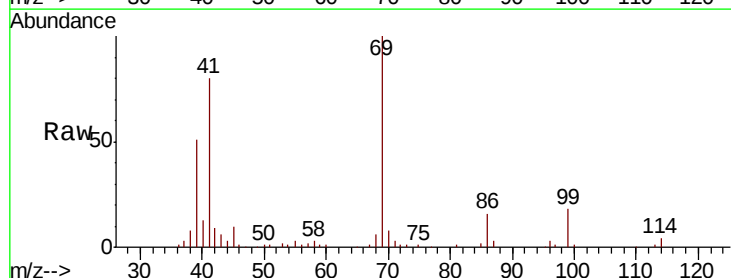
Instrument :
 MSVOA_N
 ClientSampleId :

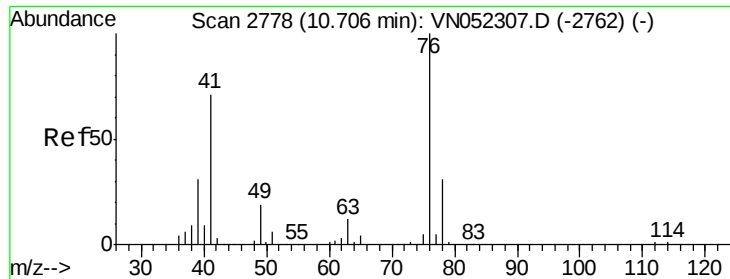
Tot Ion: 97 Resp: 51280
 Ion Ratio Lower Upper
 97 100
 83 92.2 73.8 110.6
 85 57.1 49.0 73.4
 99 64.0 50.5 75.7



#56
 Ethyl methacrylate
 Concen: 18.797 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion: 69 Resp: 69108
 Ion Ratio Lower Upper
 69 100
 41 80.5 64.8 97.2
 39 49.5 41.0 61.6

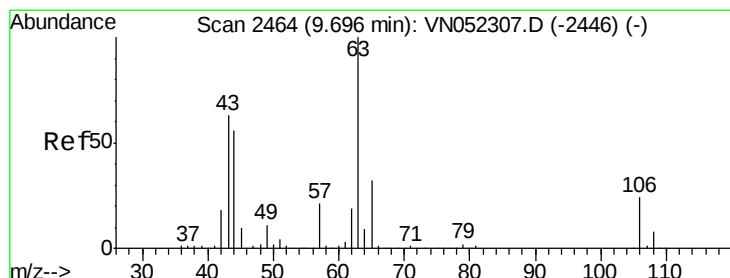
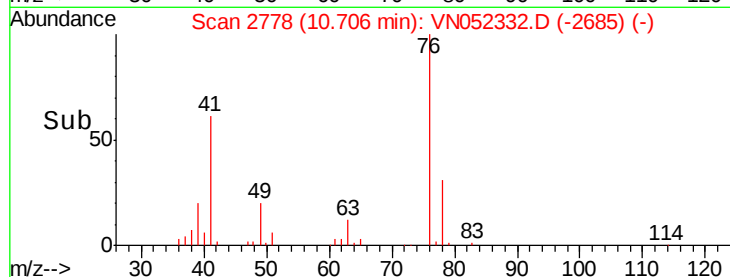
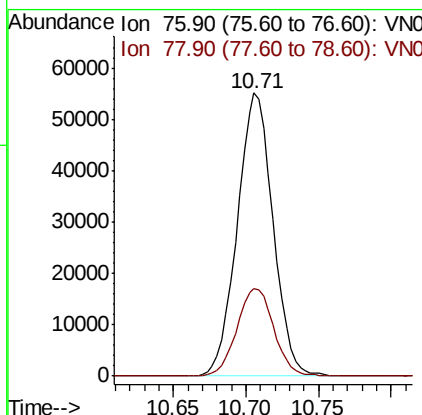
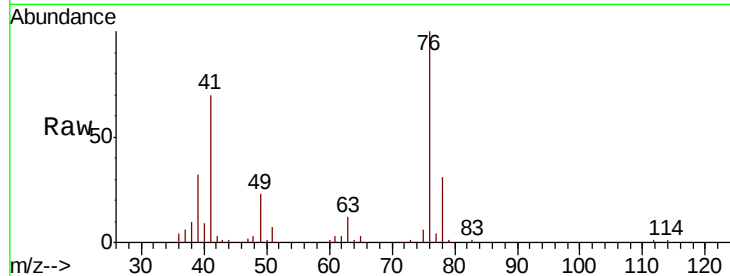




#57
 1,3-Dichloropropane
 Concen: 19.061 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

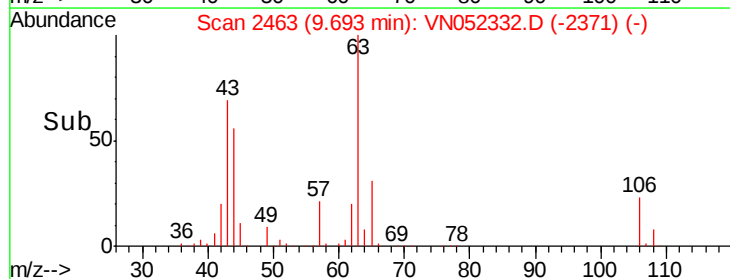
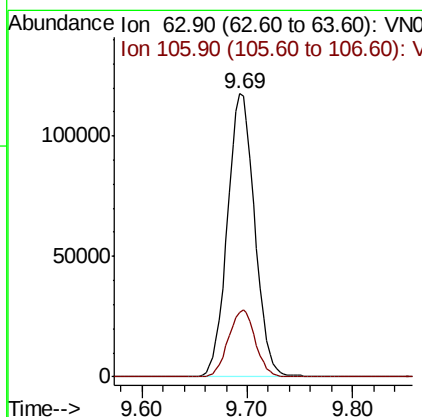
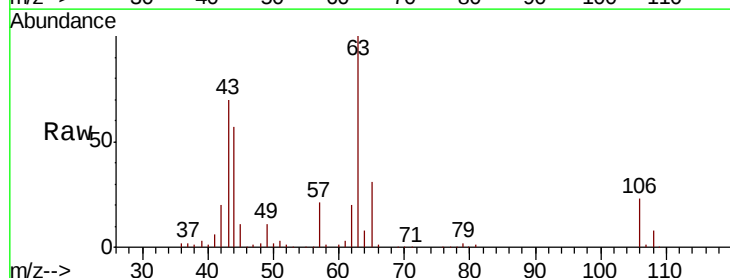
Instrument :
 MSVOA_N
 ClientSampled :

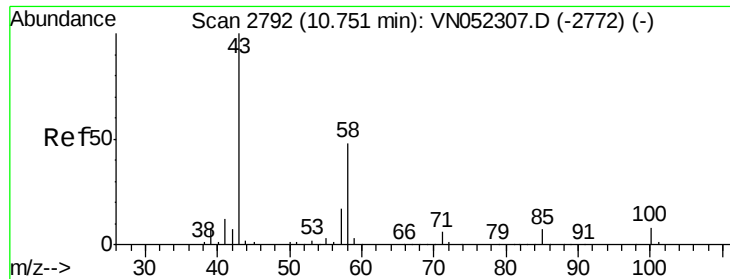
Tot Ion: 76 Resp: 94386
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.535 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion: 63 Resp: 210437
 Ion Ratio Lower Upper
 63 100
 106 23.3 19.3 28.9

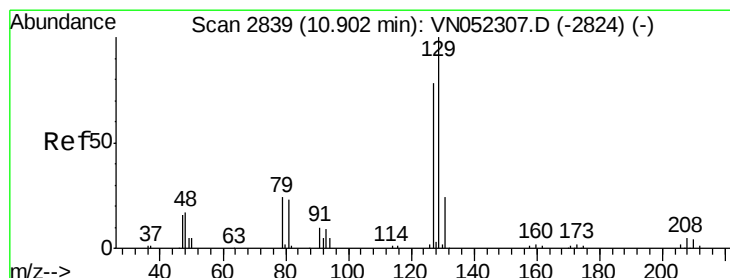
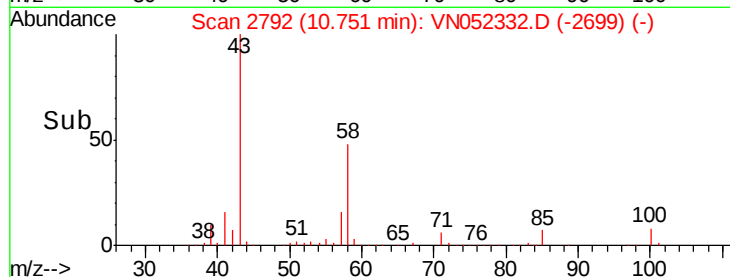
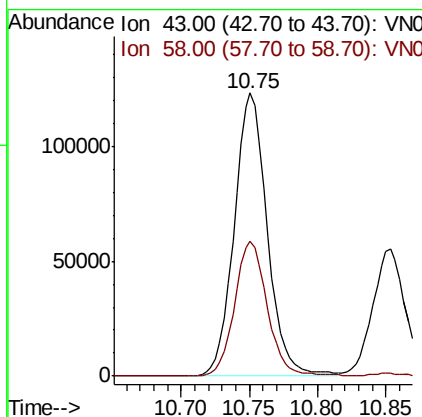
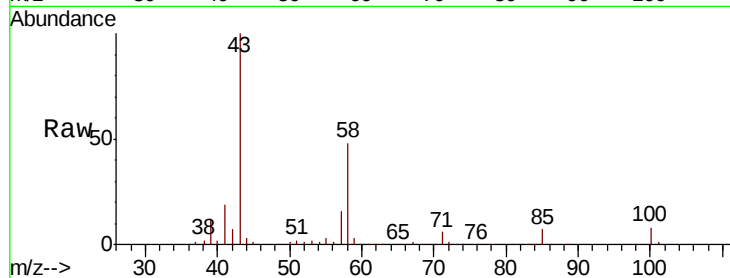




#59
2-Hexanone
Concen: 93.698 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

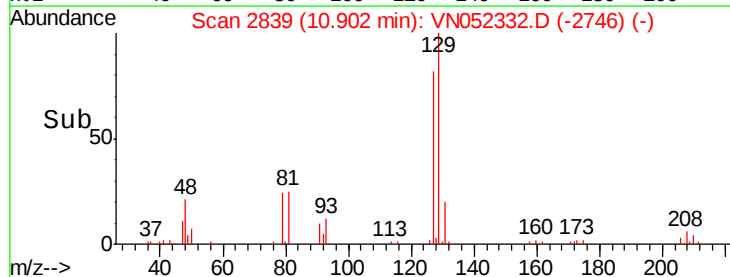
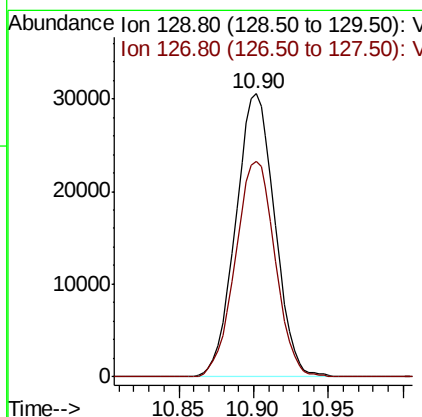
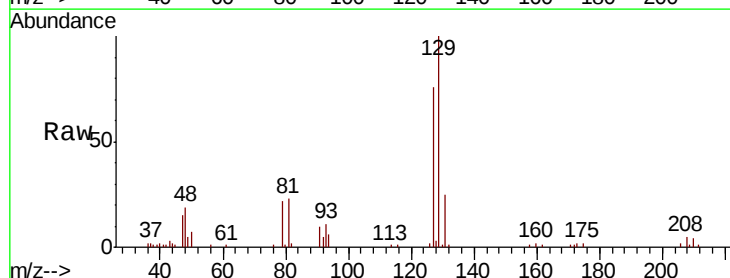
Instrument :
MSVOA_N
ClientSampled :

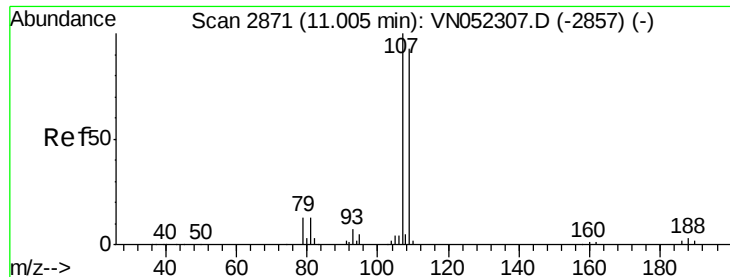
Tot Ion: 43 Resp: 205015
Ion Ratio Lower Upper
43 100
58 47.5 23.5 70.6



#60
Dibromochloromethane
Concen: 18.393 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion:129 Resp: 55633
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 18.430 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

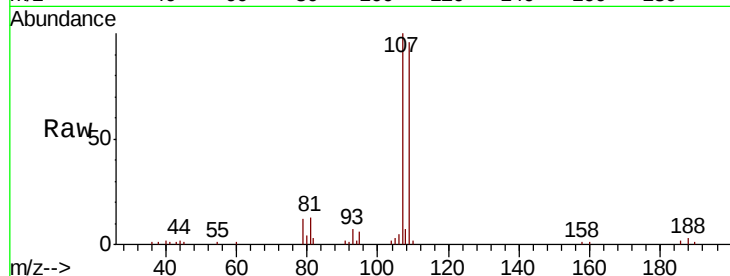
ClientSampleId :

Tot Ion:107 Resp: 51322

Ion Ratio Lower Upper

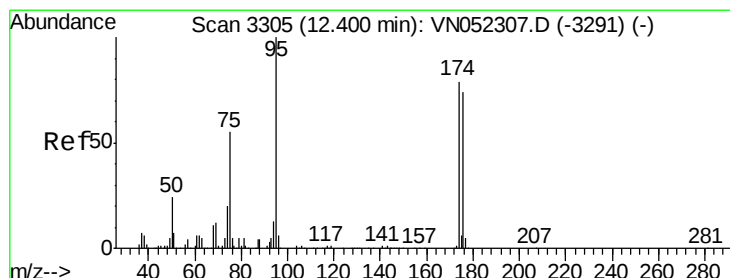
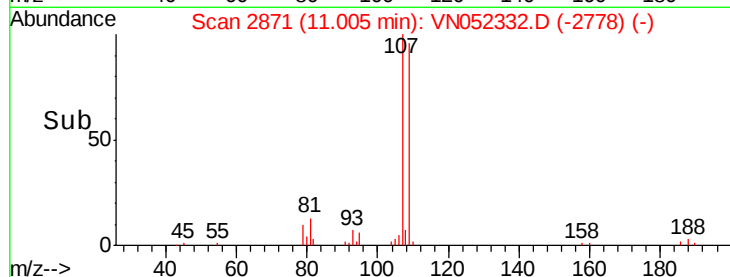
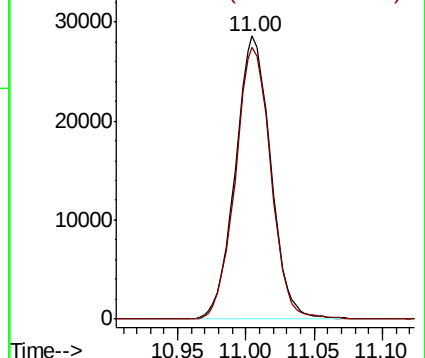
107 100

109 96.4 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 18.430 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

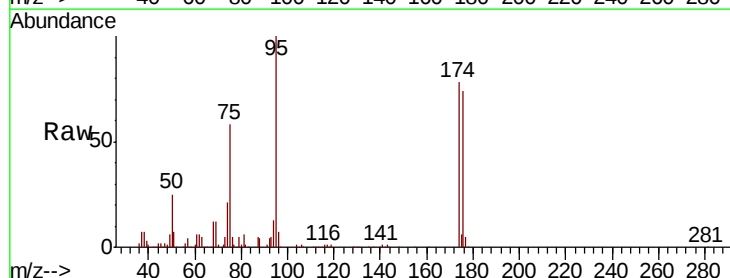
Tgt Ion: 95 Resp: 188706

Ion Ratio Lower Upper

95 100

174 77.7 0.0 156.0

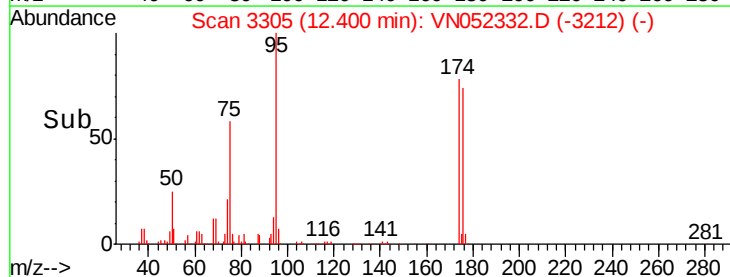
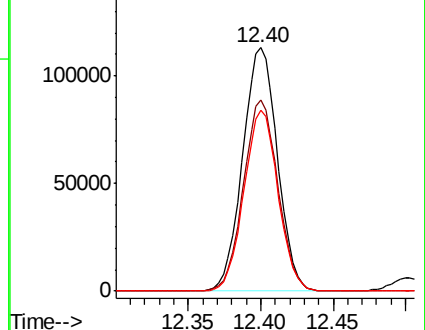
176 73.0 0.0 148.4

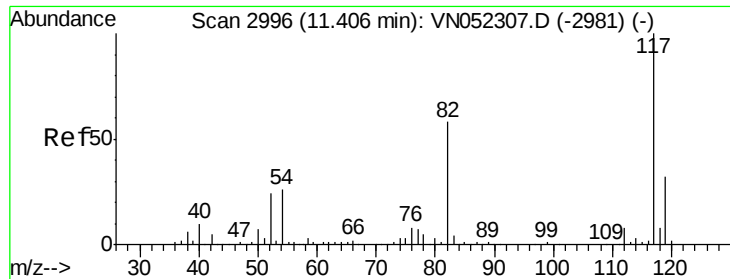


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

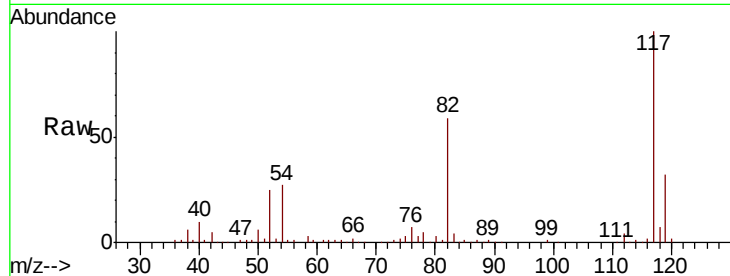




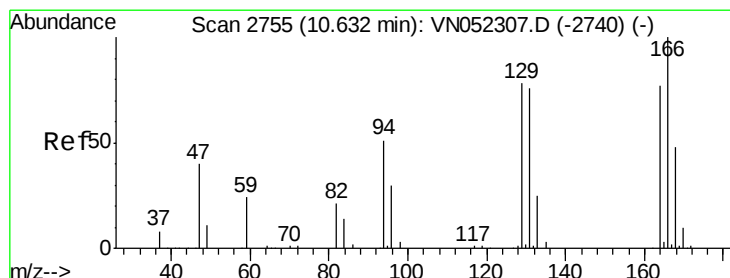
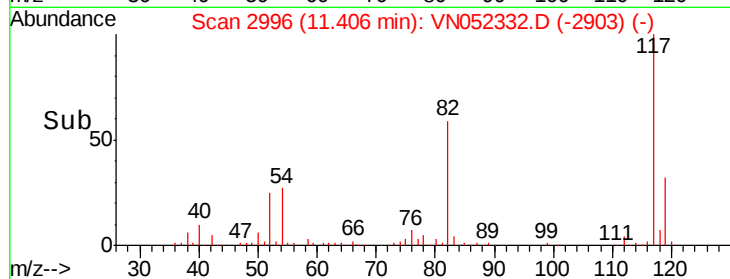
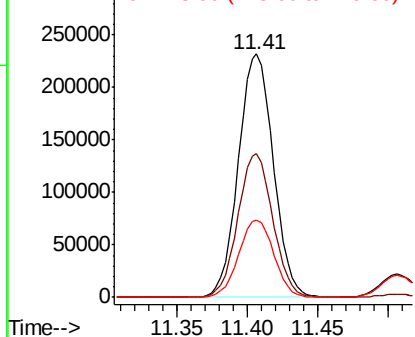
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 403612
Ion Ratio Lower Upper
117 100
82 58.9 46.5 69.7
119 31.7 25.7 38.5



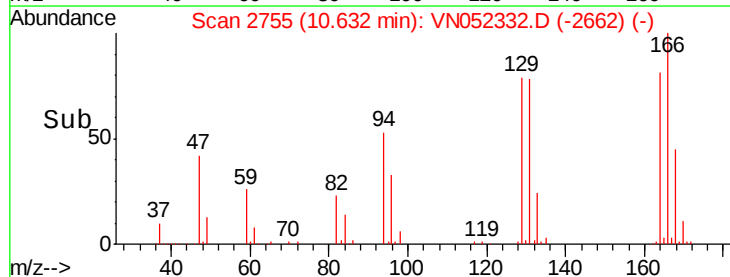
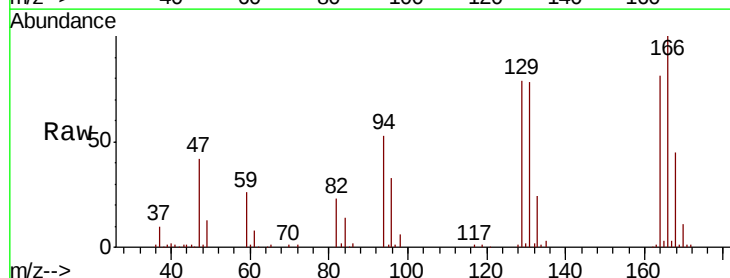
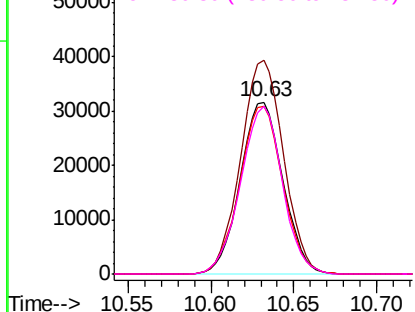
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

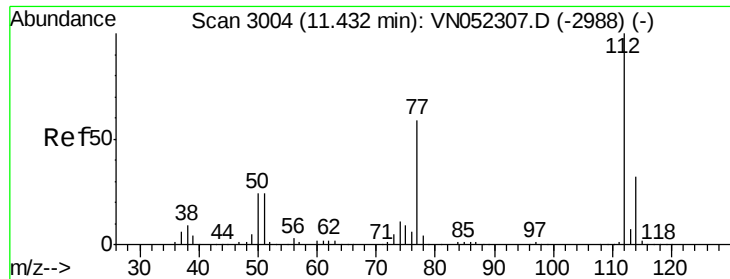


#64
Tetrachloroethene
Concen: 19.636 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion:164 Resp: 56344
Ion Ratio Lower Upper
164 100
166 124.2 103.8 155.6
129 97.8 80.7 121.1
131 97.3 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

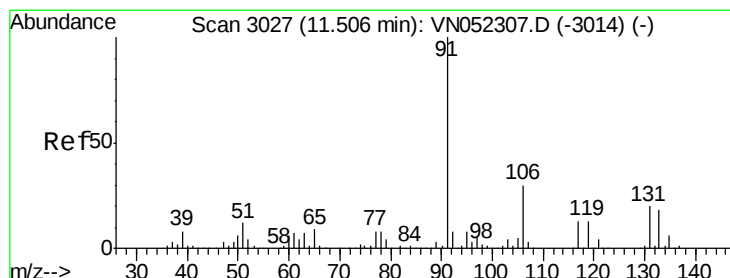
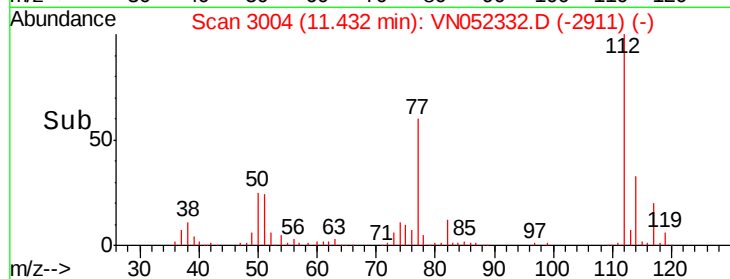
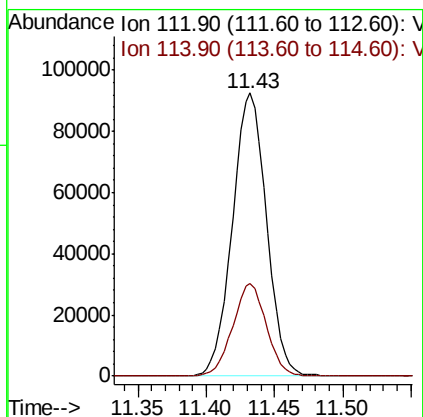
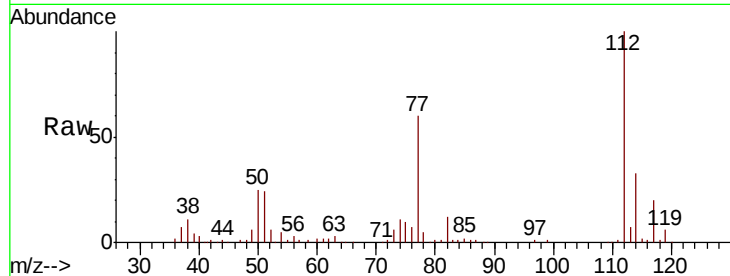




#65
Chlorobenzene
Concen: 18.813 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

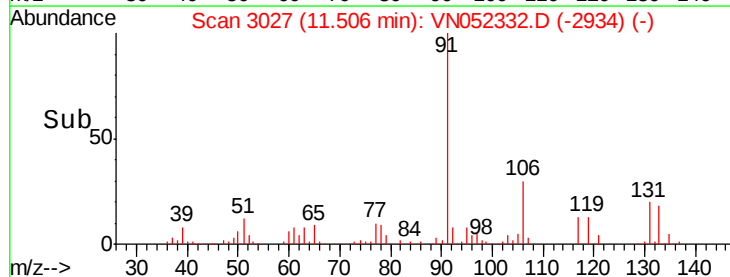
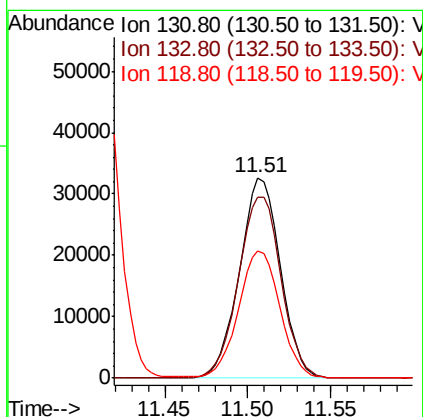
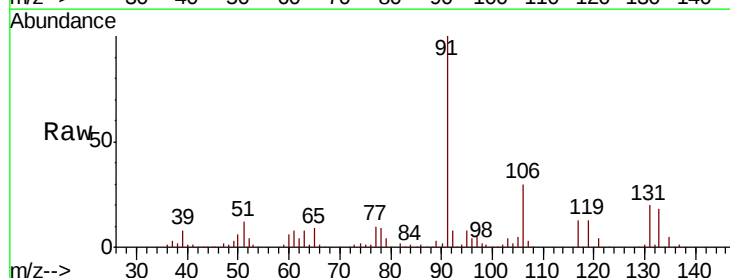
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 160504
Ion Ratio Lower Upper
112 100
114 32.8 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.198 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion:131 Resp: 55851
Ion Ratio Lower Upper
131 100
133 94.6 47.4 142.3
119 64.7 33.3 99.9

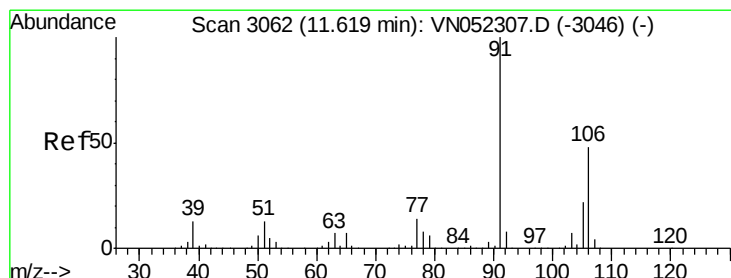
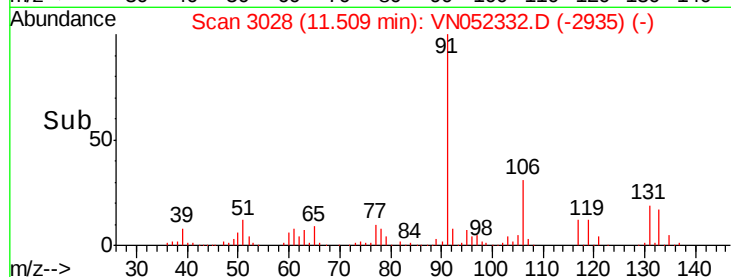
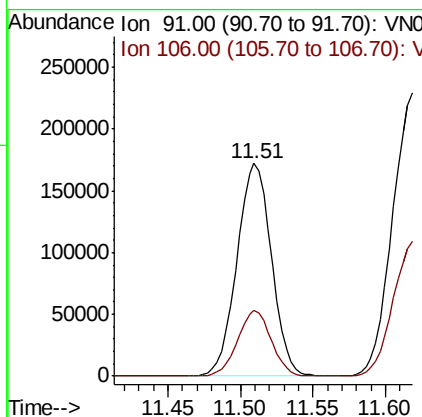
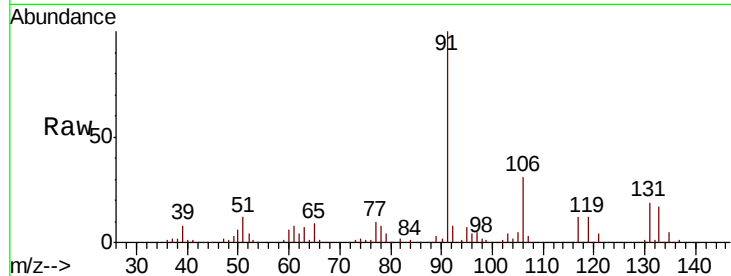




#67
Ethyl Benzene
Concen: 19.261 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

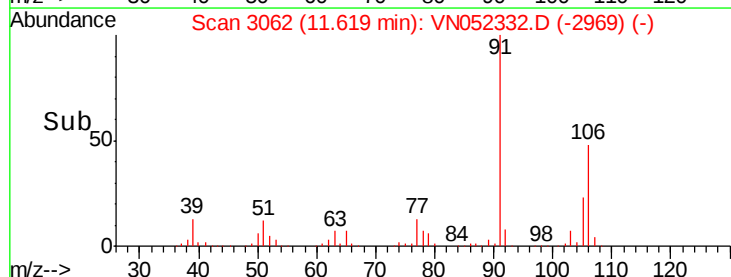
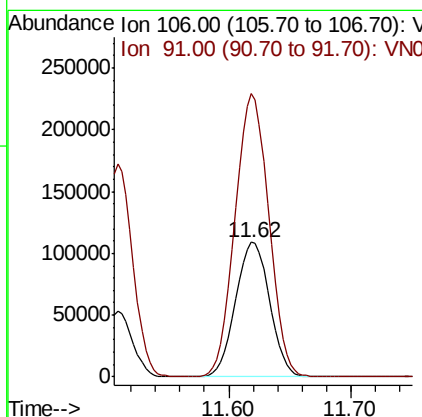
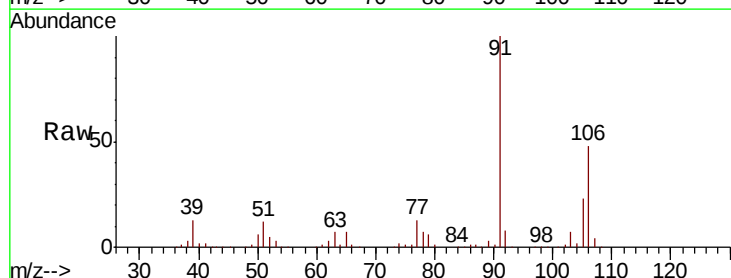
Instrument :
MSVOA_N
ClientSampled :

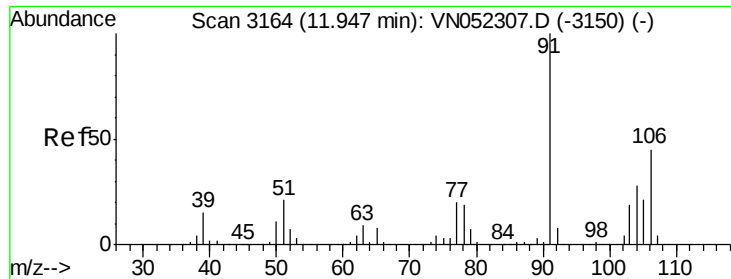
Tot Ion: 91 Resp: 285197
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.2



#68
m/p-Xylenes
Concen: 38.926 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion: 106 Resp: 210598
Ion Ratio Lower Upper
106 100
91 208.0 165.5 248.3

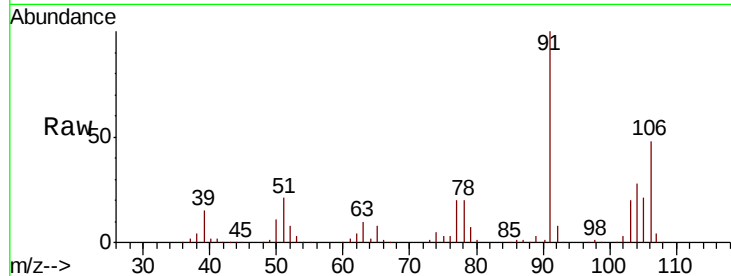




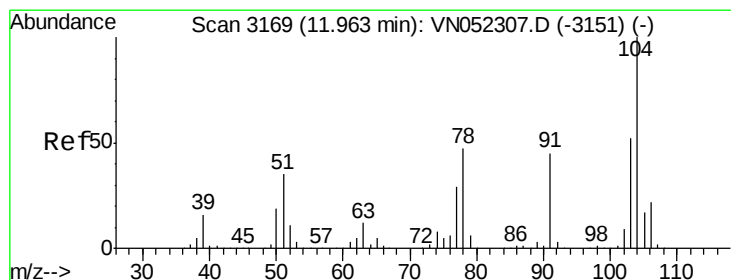
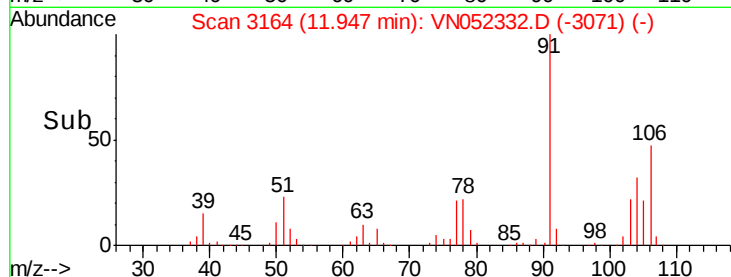
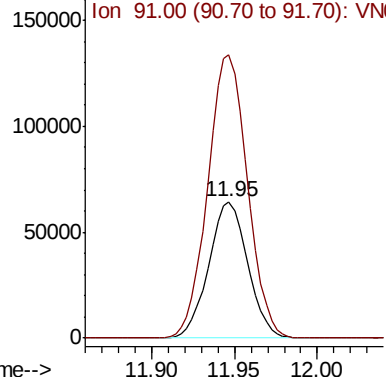
#69
o-Xylene
Concen: 20.246 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 104999
Ion Ratio Lower Upper
106 100
91 211.5 110.0 330.0

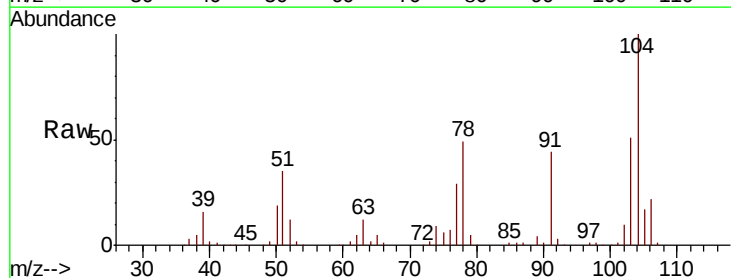


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

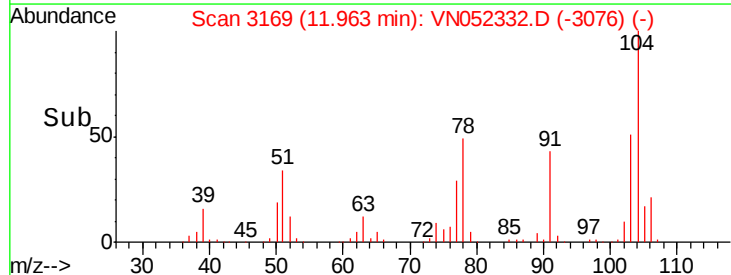
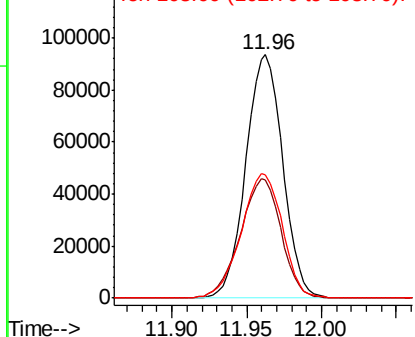


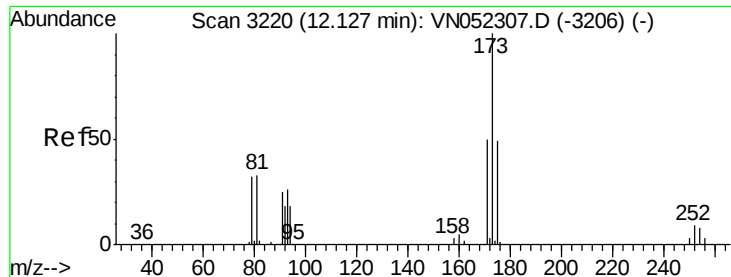
#70
Styrene
Concen: 19.384 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion:104 Resp: 160961
Ion Ratio Lower Upper
104 100
78 54.2 42.7 64.1
103 56.9 45.4 68.0



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





#71

Bromoform

Concen: 17.835 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

ClientSampled :

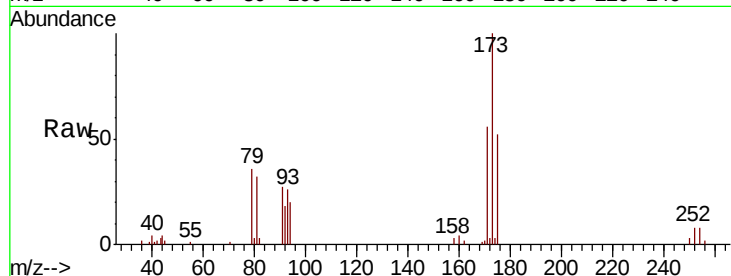
Tot Ion:173 Resp: 30635

Ion Ratio Lower Upper

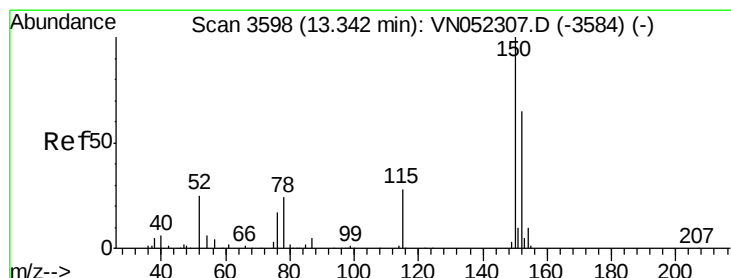
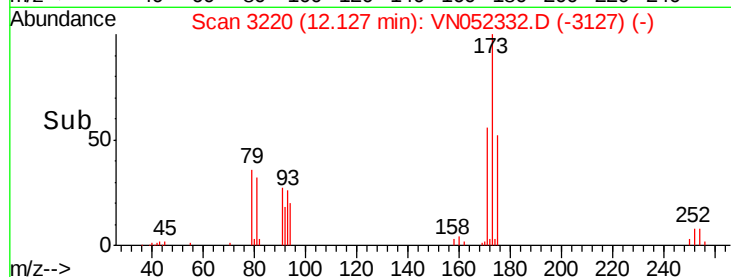
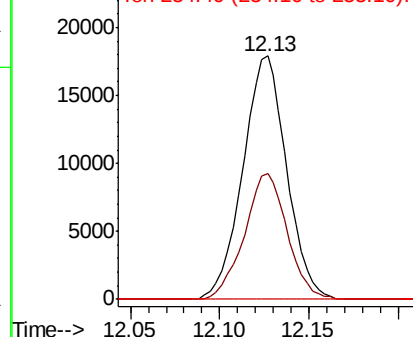
173 100

175 50.7 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: VN052332.D

Acq: 15 Nov 2018 10:23

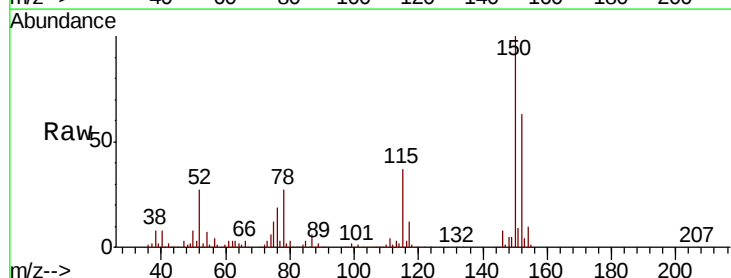
Tgt Ion:152 Resp: 176555

Ion Ratio Lower Upper

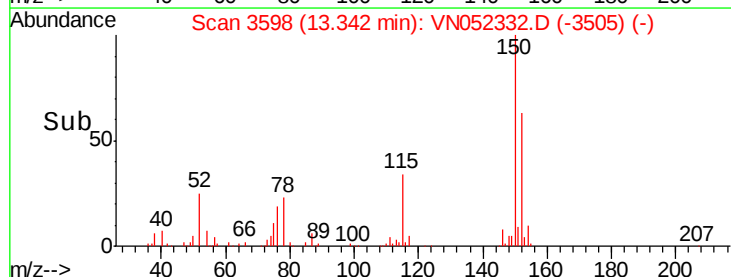
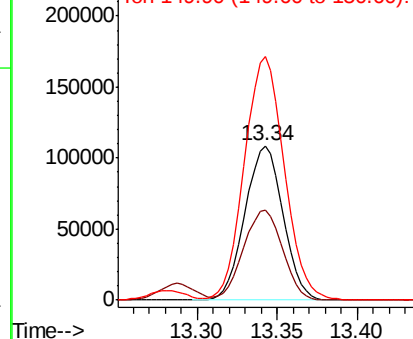
152 100

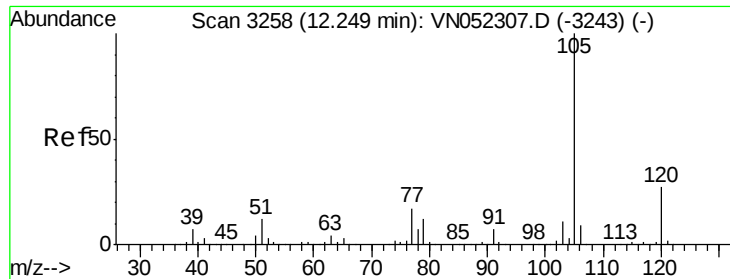
115 60.0 30.3 91.0

150 165.4 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: 19.550 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

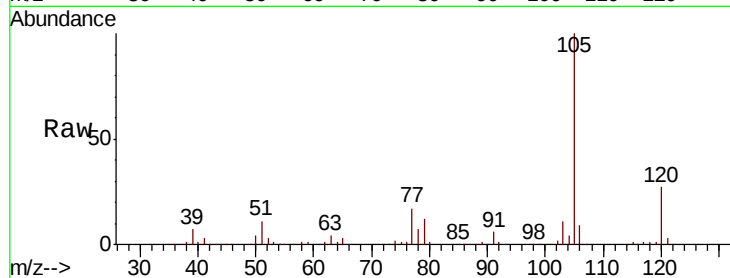
ClientSampleId :

Tot Ion:105 Resp: 277517

Ion Ratio Lower Upper

105 100

120 25.9 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

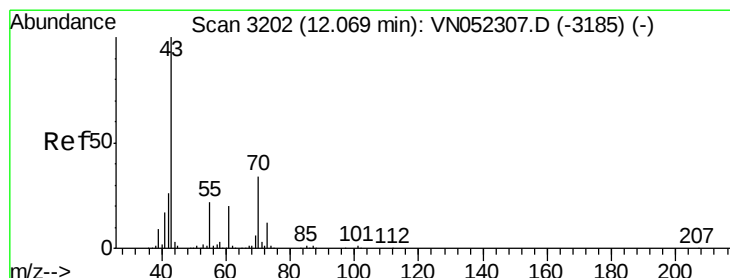
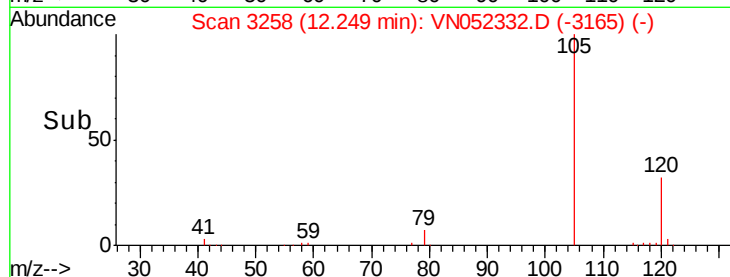
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 18.501 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Tgt Ion: 43 Resp: 93540

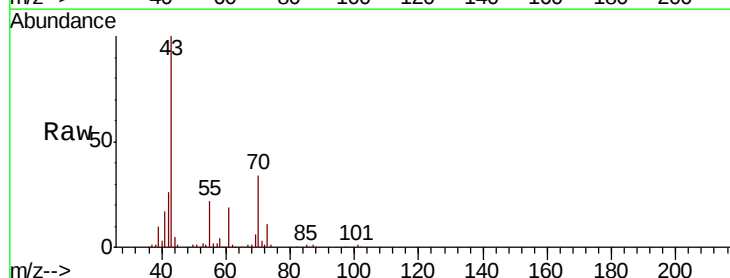
Ion Ratio Lower Upper

43 100

70 34.2 27.1 40.7

55 23.1 17.4 26.0

61 19.4 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

80000

60000

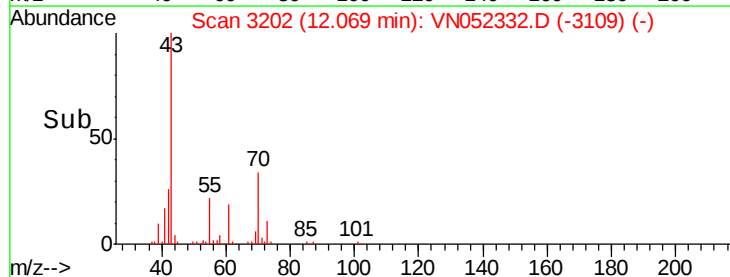
40000

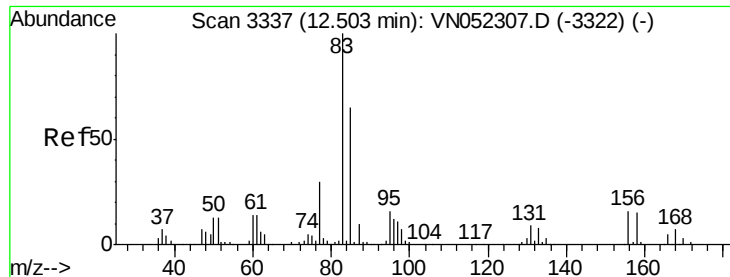
20000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.572 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

ClientSampleId :

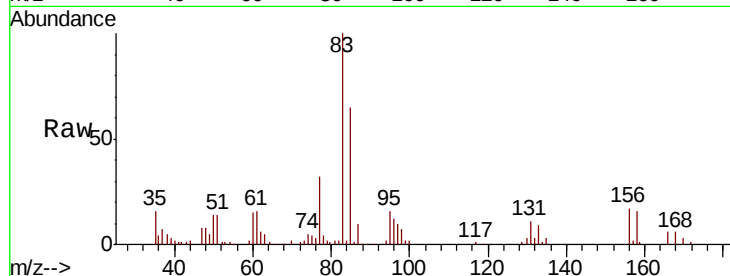
Tot Ion: 83 Resp: 63730

Ion Ratio Lower Upper

83 100

131 10.2 4.7 14.1

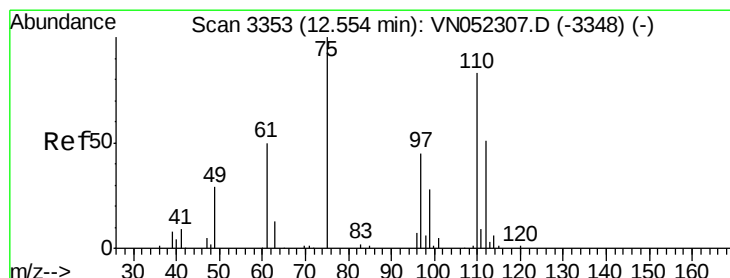
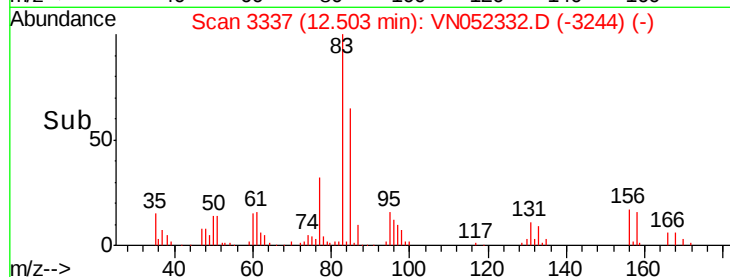
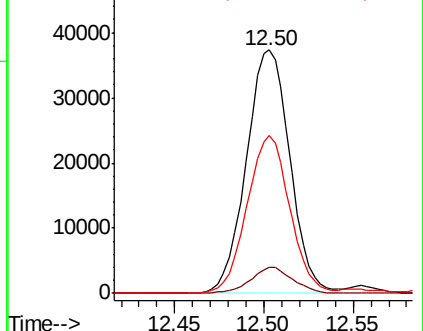
85 63.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN052332.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN052332.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN052332.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 27.305 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN052332.D

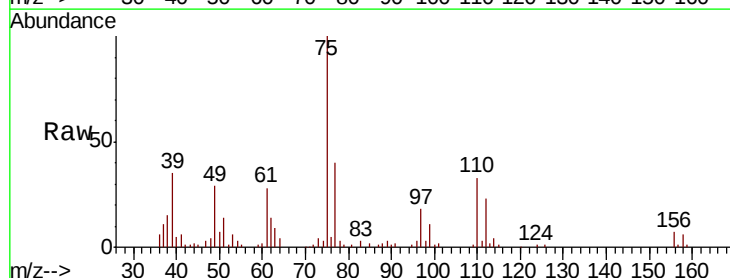
Acq: 15 Nov 2018 10:23

Tgt Ion: 75 Resp: 81800

Ion Ratio Lower Upper

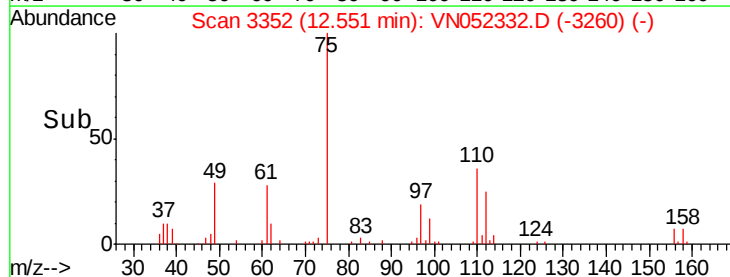
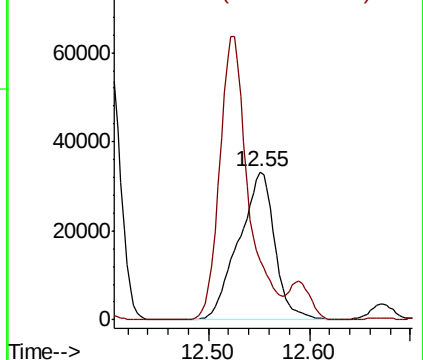
75 100

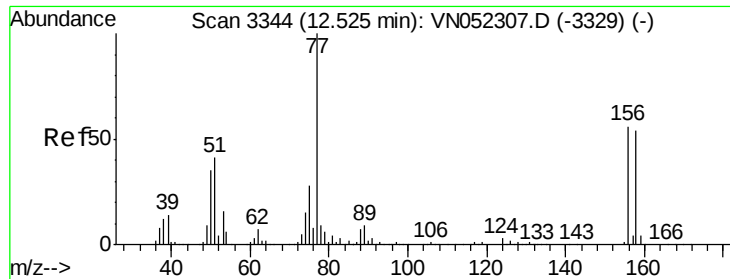
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052332.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN052332.D (-3260) (-)

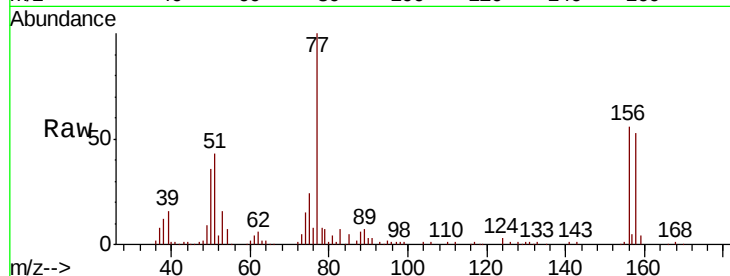




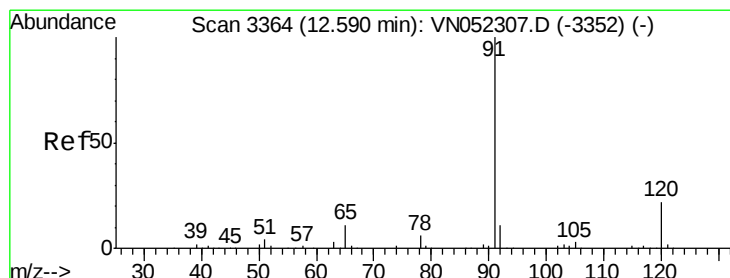
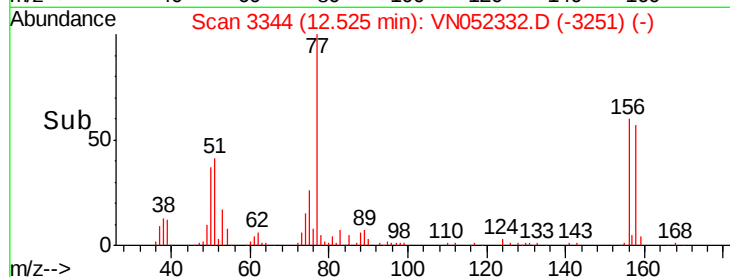
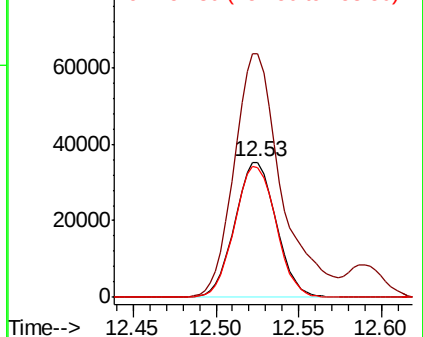
#77
Bromobenzene
Concen: 18.519 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:156 Resp: 61165
Ion Ratio Lower Upper
156 100
77 206.9 103.6 310.9
158 97.1 48.1 144.4

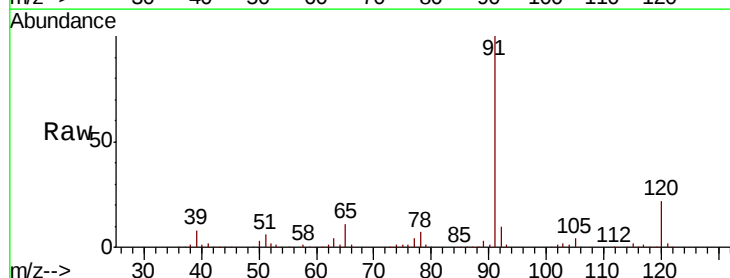


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

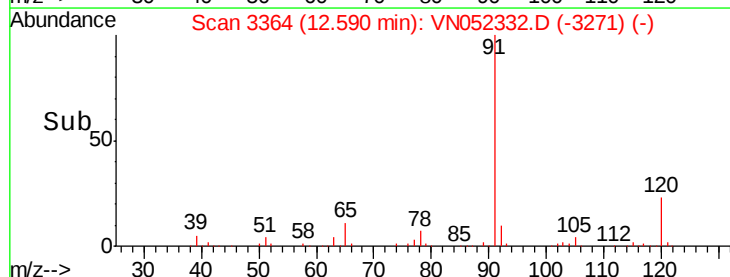
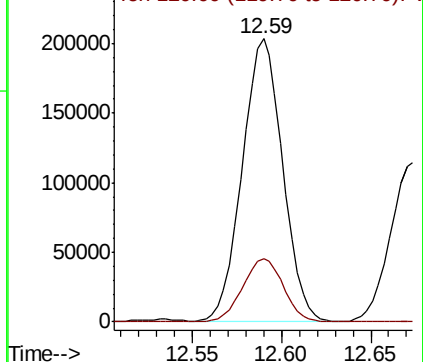


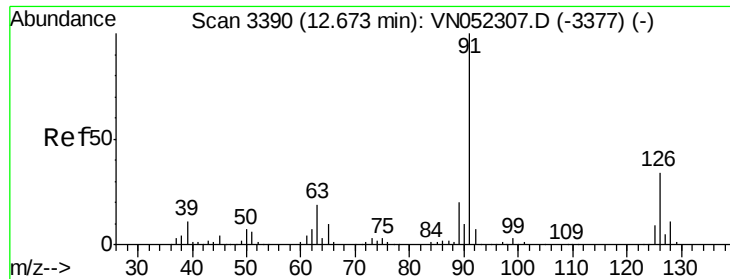
#78
n-propylbenzene
Concen: 19.322 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion: 91 Resp: 320761
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V

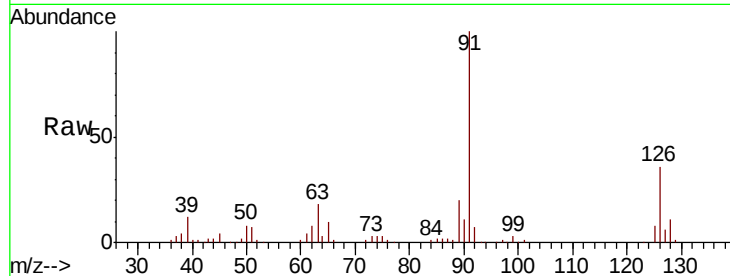




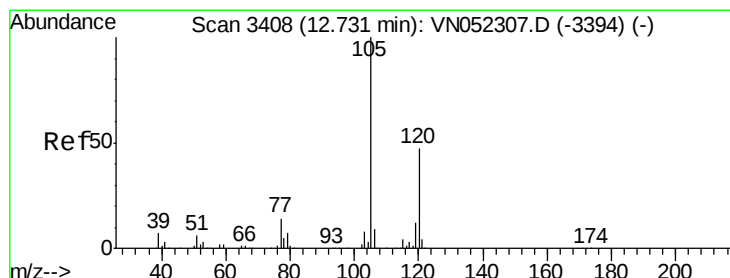
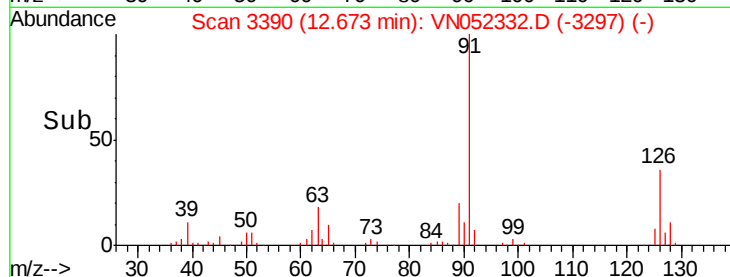
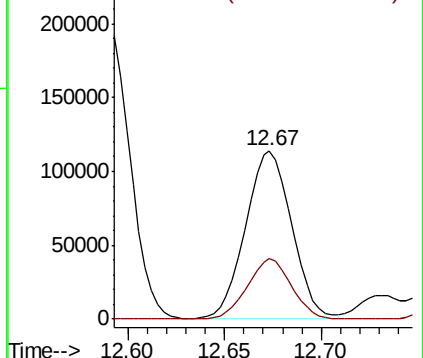
#79
 2-Chlorotoluene
 Concen: 19.446 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 188588
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.0 51.0

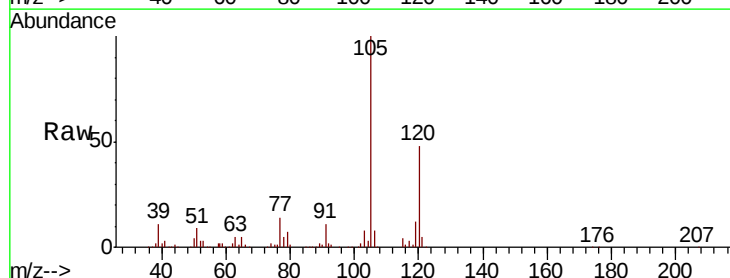


Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3377) (-)
 Ion 125.90 (125.60 to 126.60): VN052307.D (-3377) (-)

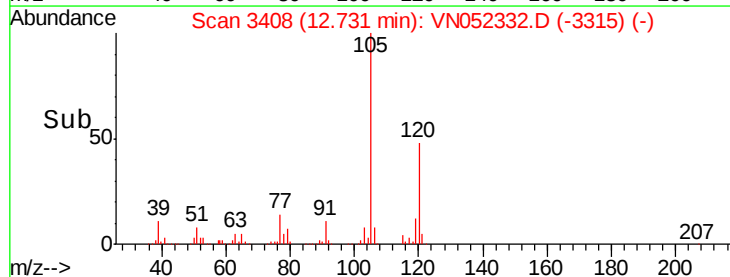
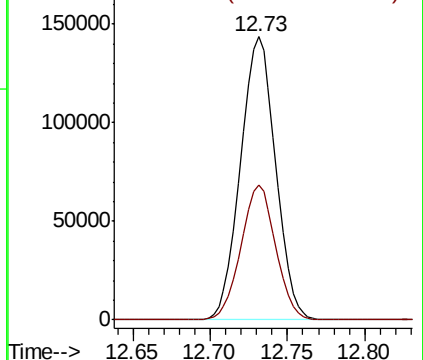


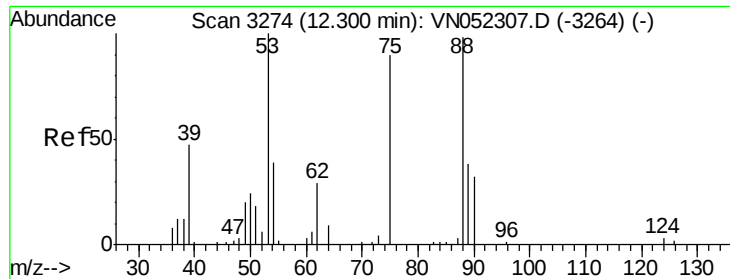
#80
 1,3,5-Trimethylbenzene
 Concen: 20.062 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion: 105 Resp: 226464
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN052307.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN052307.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.757 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

ClientSampled :

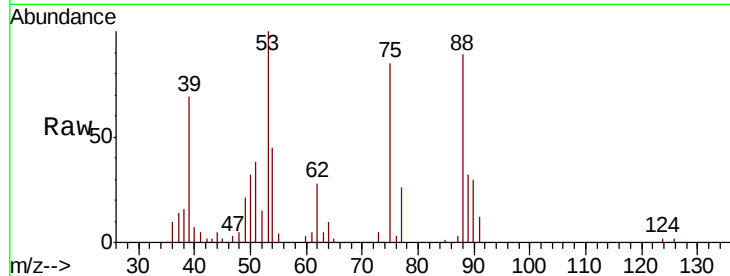
Tot Ion: 75 Resp: 15478

Ion Ratio Lower Upper

75 100

53 122.9 90.2 135.2

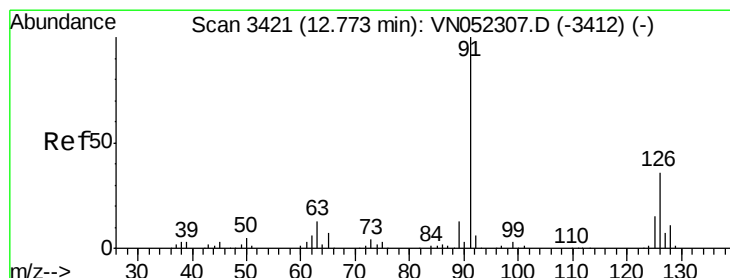
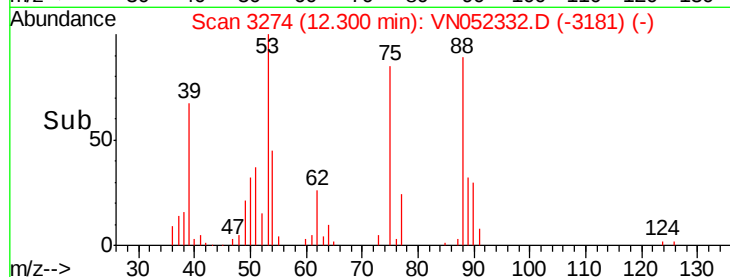
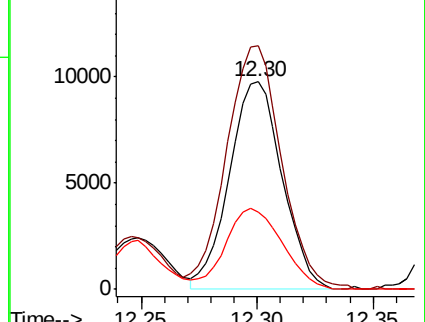
89 42.0 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN052332.D (-3181) (-)

Ion 53.00 (52.70 to 53.70): VN052332.D (-3181) (-)

Ion 88.90 (88.60 to 89.60): VN052332.D (-3181) (-)



#82

4-Chlorotoluene

Concen: 19.072 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN052332.D

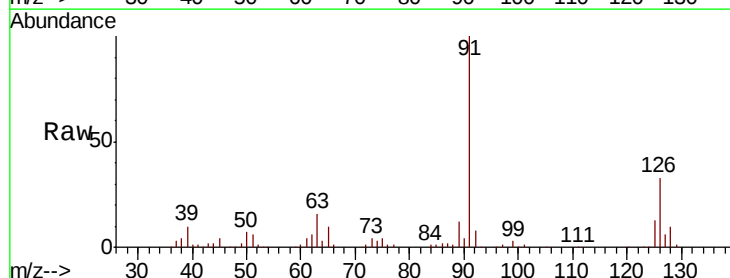
Acq: 15 Nov 2018 10:23

Tgt Ion: 91 Resp: 189499

Ion Ratio Lower Upper

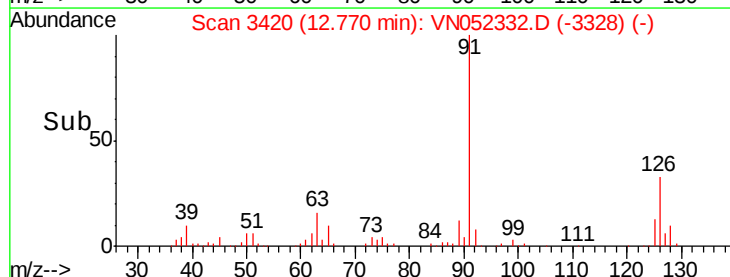
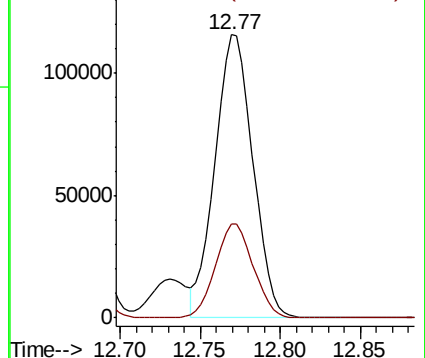
91 100

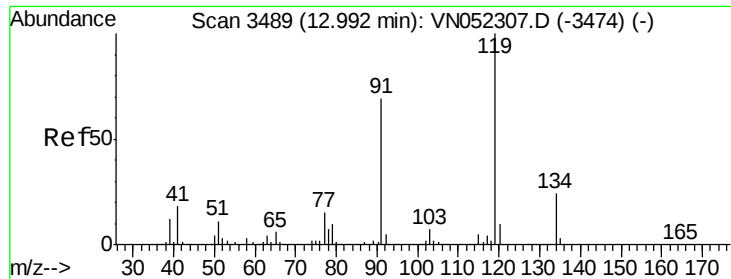
126 32.8 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN052332.D (-3328) (-)

Ion 125.90 (125.60 to 126.60): VN052332.D (-3328) (-)

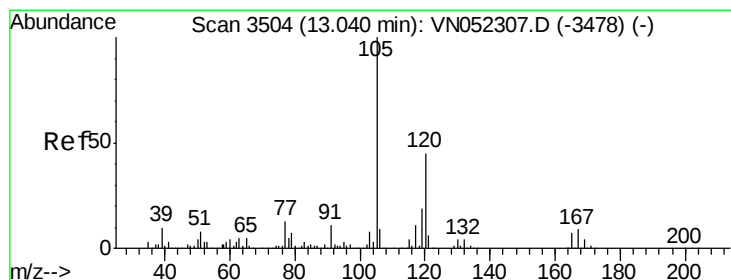
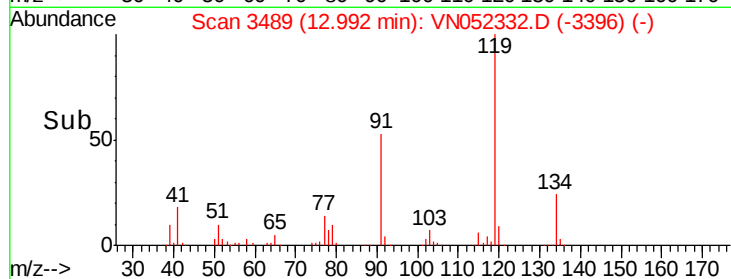
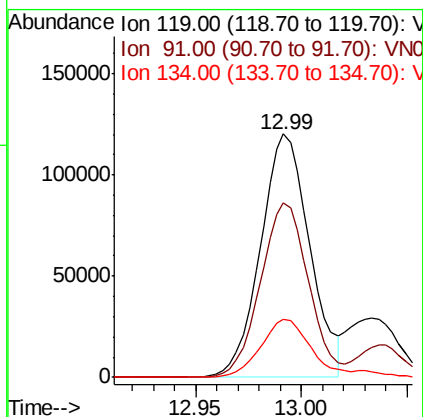
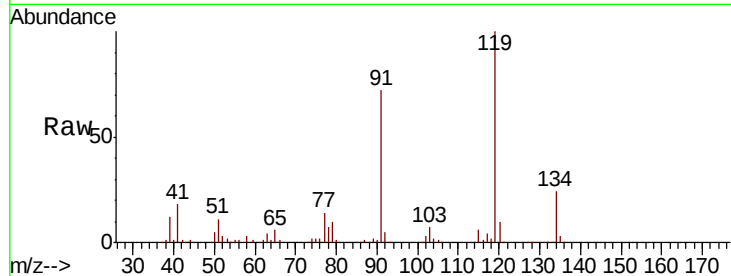




#83
tert-Butylbenzene
Concen: 19.592 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

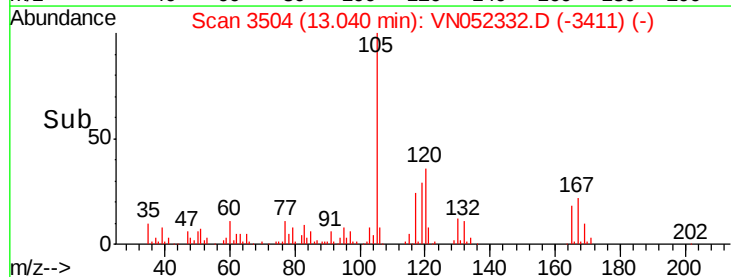
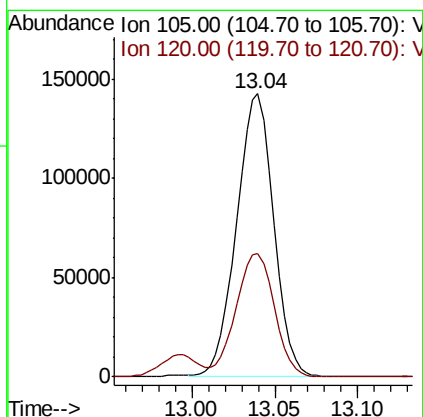
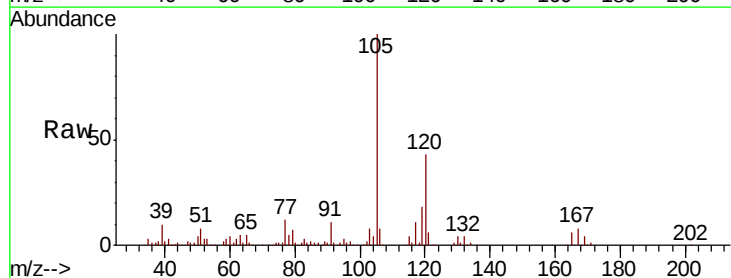
Instrument :
MSVOA_N
ClientSampleId :

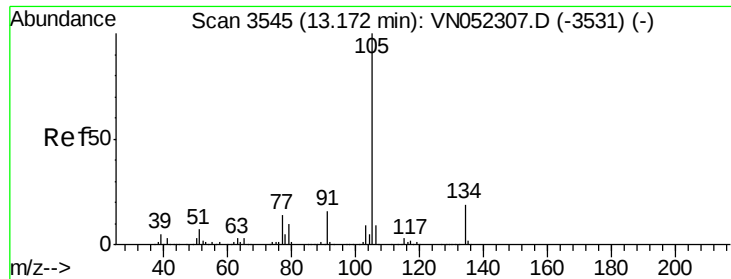
Tot Ion:119 Resp: 195249
Ion Ratio Lower Upper
119 100
91 70.4 33.8 101.3
134 25.7 11.9 35.9



#84
1,2,4-Trimethylbenzene
Concen: 19.552 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion:105 Resp: 221567
Ion Ratio Lower Upper
105 100
120 45.4 22.5 67.5





#85

sec-Butylbenzene

Concen: 19.914 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

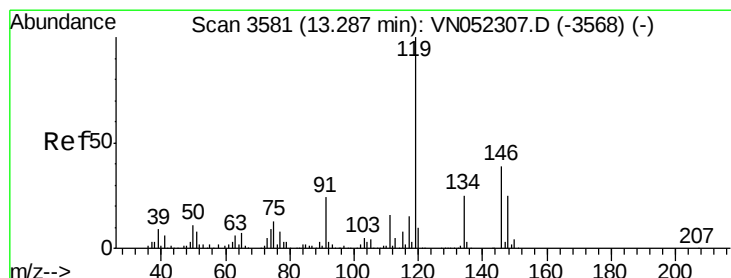
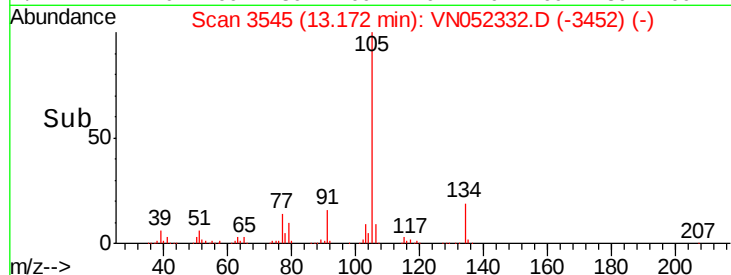
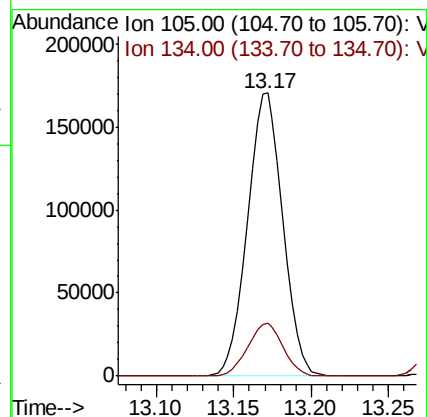
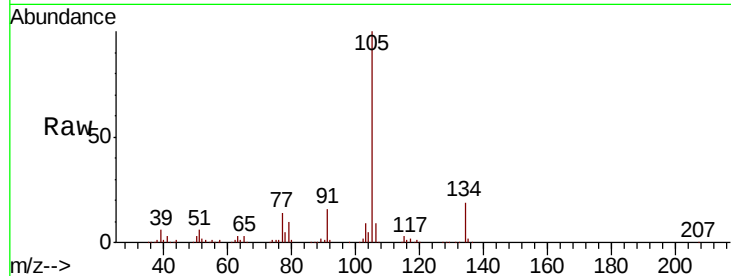
ClientSampleId :

Tot Ion:105 Resp: 270348

Ion Ratio Lower Upper

105 100

134 18.8 9.5 28.5



#86

p-Isopropyltoluene

Concen: 19.602 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

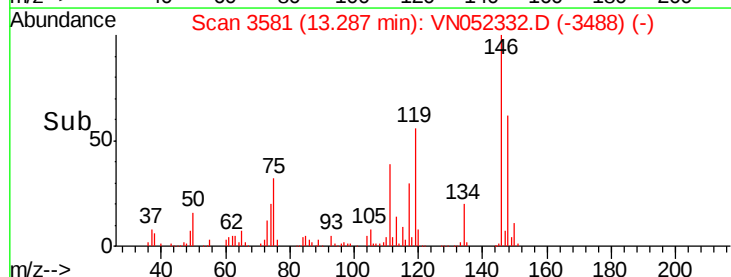
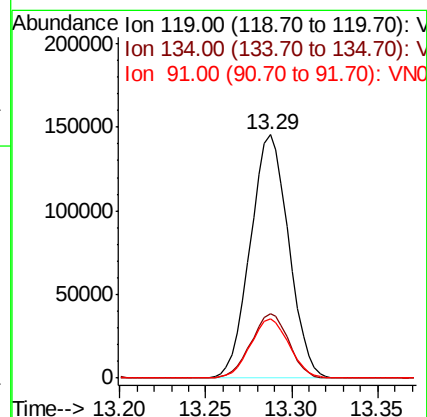
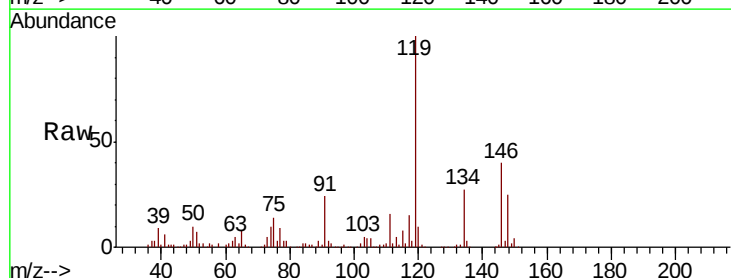
Tgt Ion:119 Resp: 225416

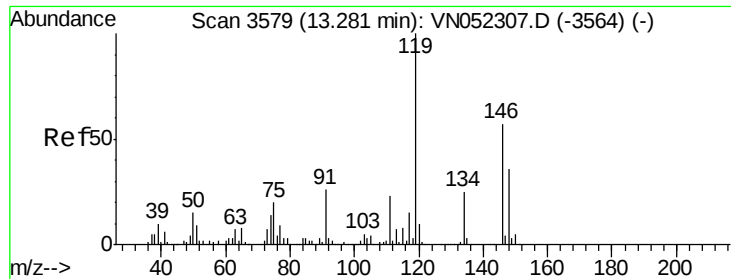
Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 24.6 12.4 37.0

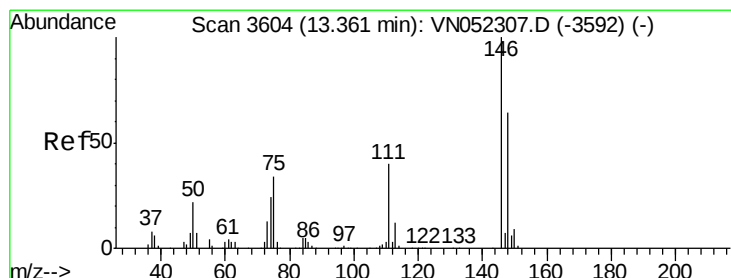
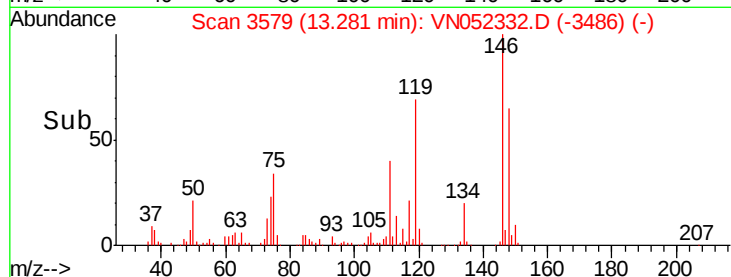
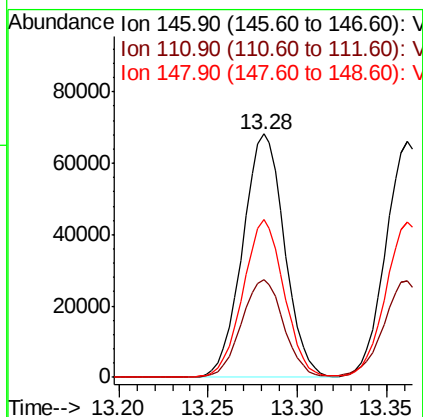
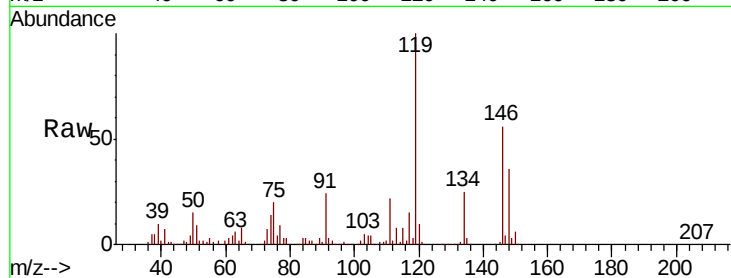




#87
 1,3-Dichlorobenzene
 Concen: 19.019 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

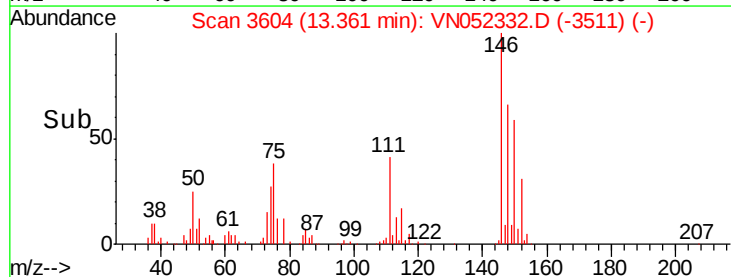
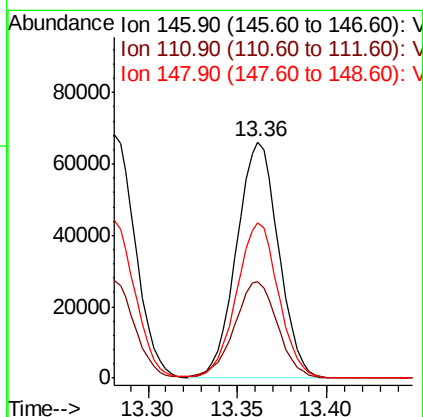
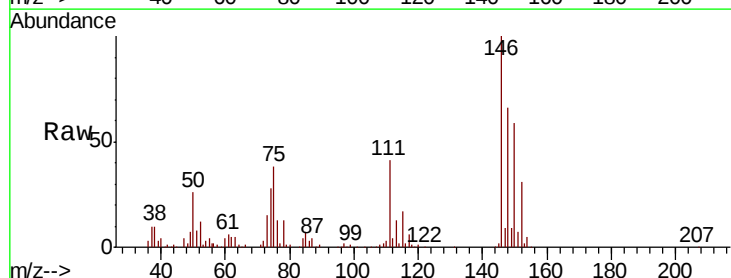
Instrument :
 MSVOA_N
 ClientSampleId :

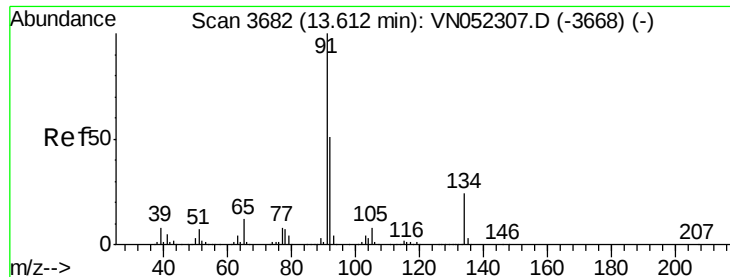
Tot Ion:146 Resp: 111560
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 61.0
 148 63.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 18.671 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion:146 Resp: 108885
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.6 61.8
 148 65.8 32.4 97.2





#89

n-Butylbenzene

Concen: 19.773 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN052332.D

Acq: 15 Nov 2018 10:23

Instrument :

MSVOA_N

ClientSampleId :

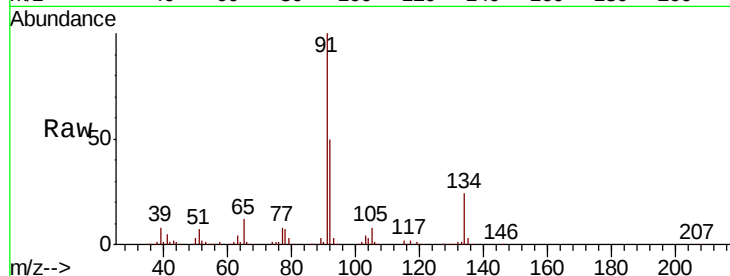
Tot Ion: 91 Resp: 195296

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.2

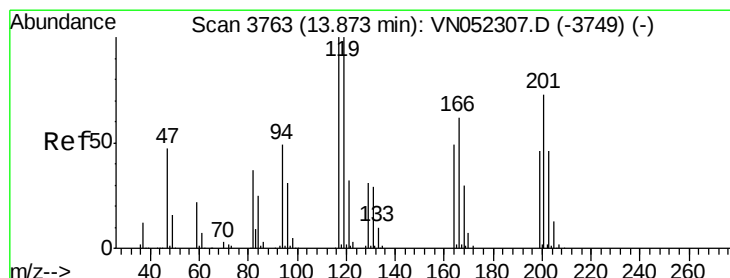
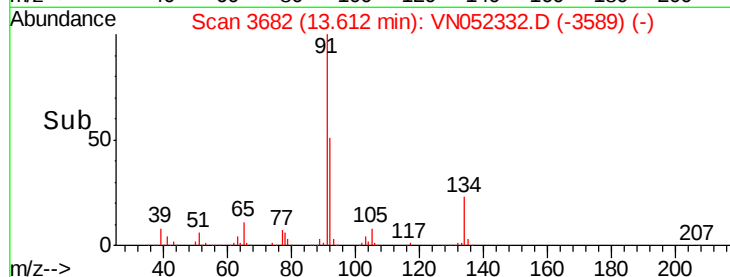
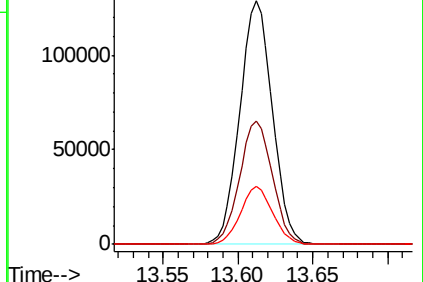
134 23.5 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): VN052332.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052332.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052332.D (-3668) (-)



#90

Hexachloroethane

Concen: 18.875 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN052332.D

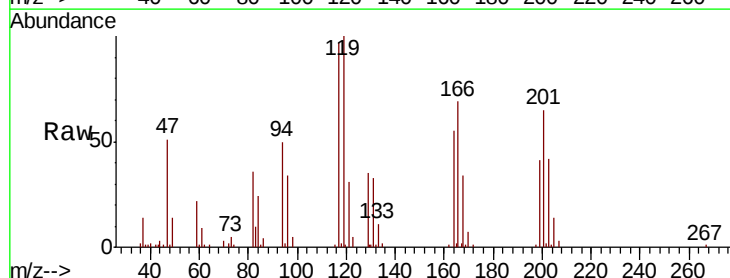
Acq: 15 Nov 2018 10:23

Tgt Ion: 117 Resp: 38445

Ion Ratio Lower Upper

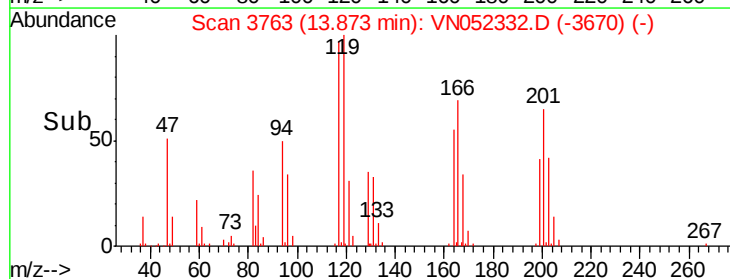
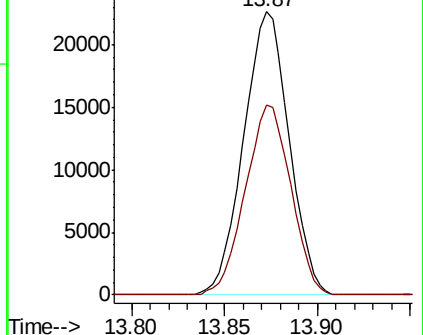
117 100

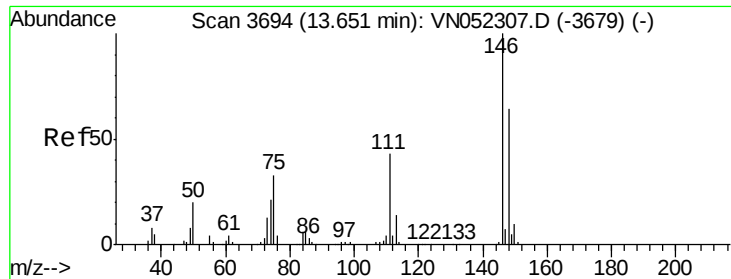
201 66.9 35.3 105.9



Abundance Ion 116.80 (116.50 to 117.50): VN052332.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052332.D (-3749) (-)

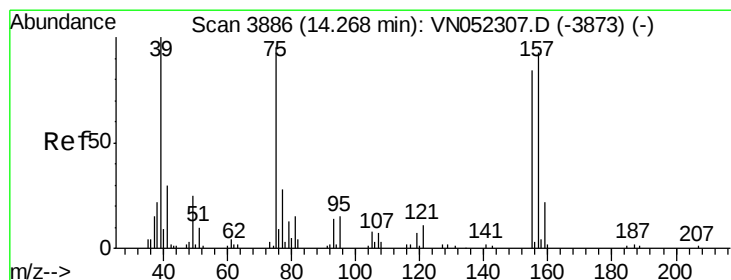
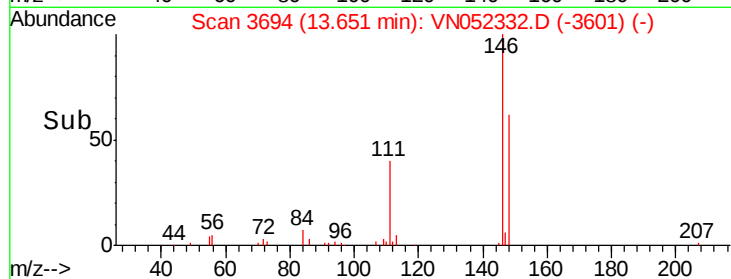
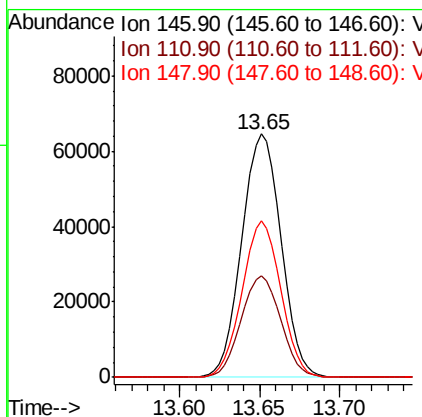
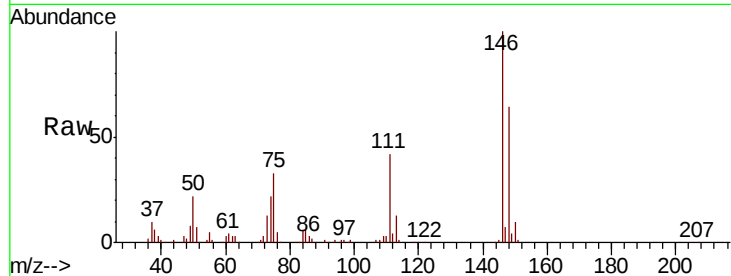




#91
 1,2-Dichlorobenzene
 Concen: 19.081 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

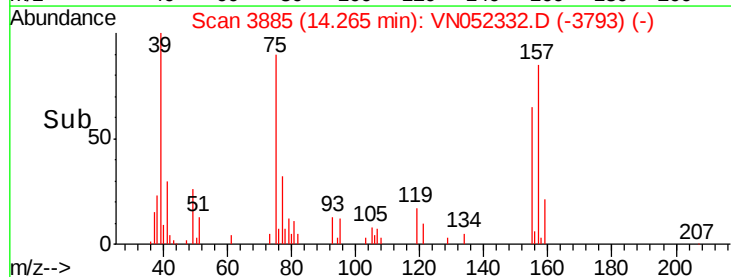
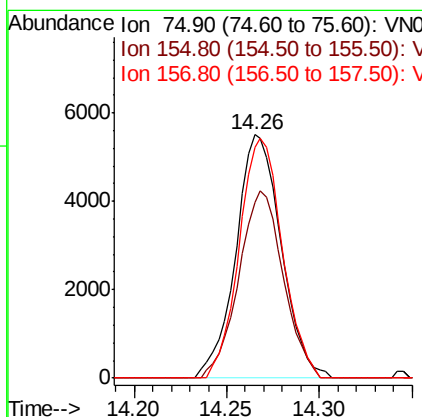
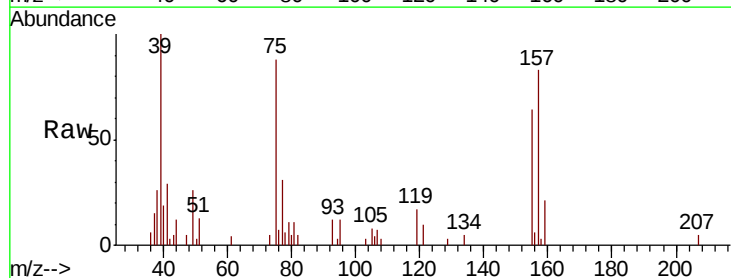
Instrument :
 MSVOA_N
 ClientSampled :

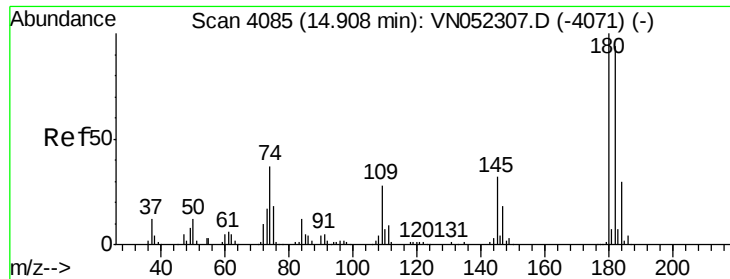
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.3	63.9
148	63.0	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.482 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. -0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.4	42.4	127.3
157	93.6	49.6	149.0

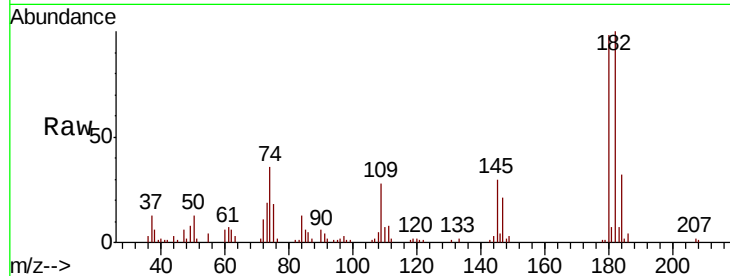




#93
 1,2,4-Trichlorobenzene
 Concen: 17.828 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.6	142.9
145	33.5	15.5	46.5

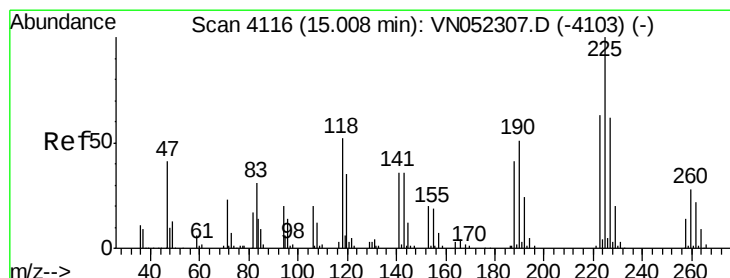
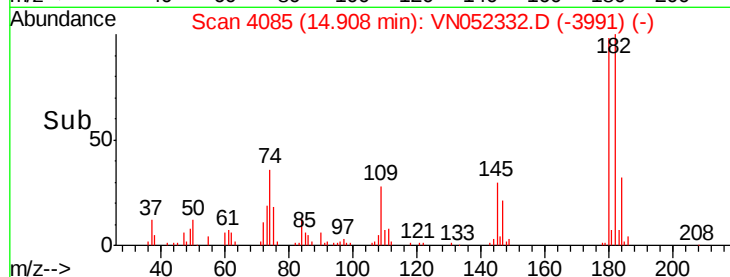
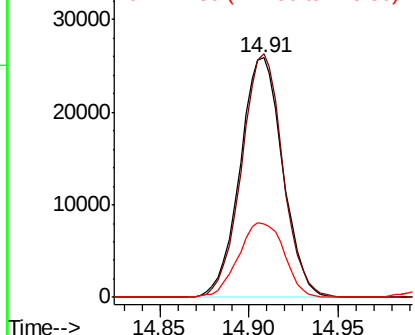


Abundance

Ion 179.80 (179.50 to 180.50): V

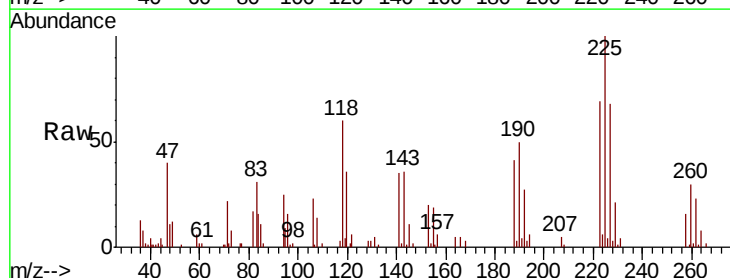
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 19.680 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN052332.D
 Acq: 15 Nov 2018 10:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	31.9	95.5
227	63.7	31.6	95.0

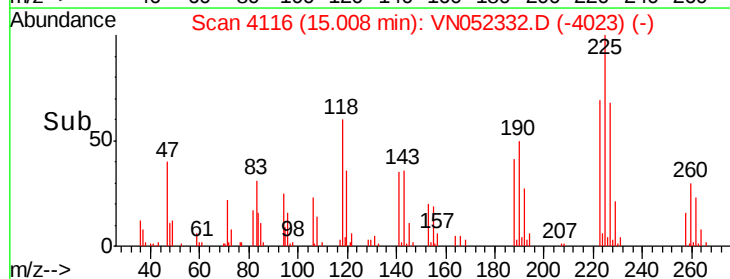
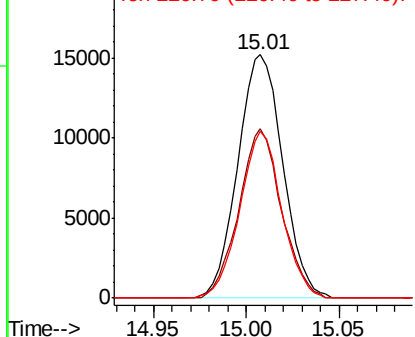


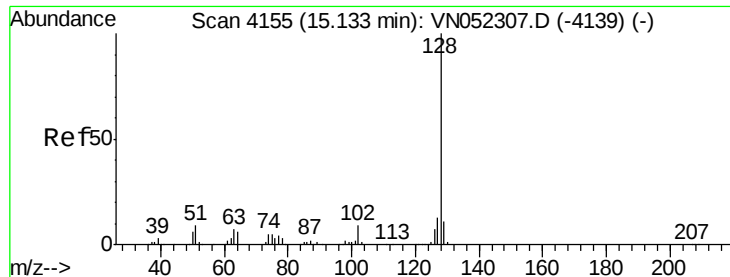
Abundance

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

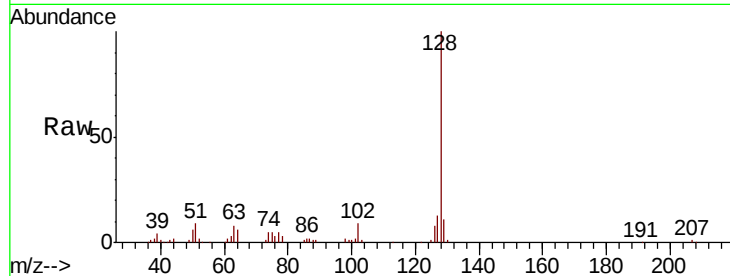




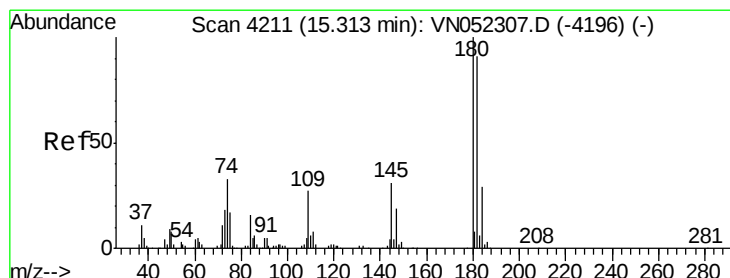
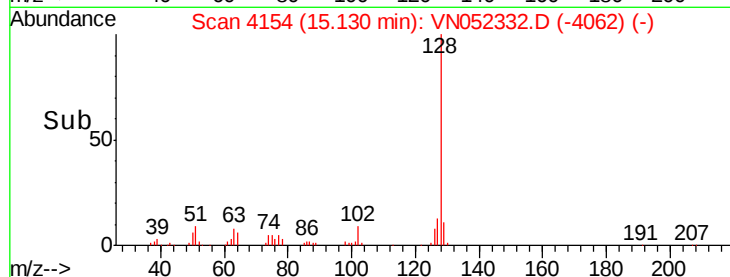
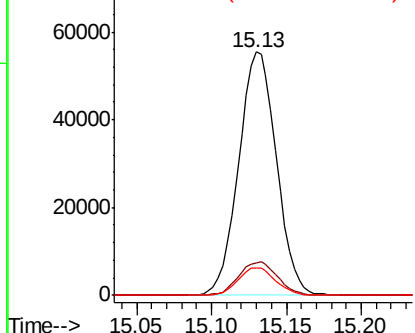
#95
Naphthalene
Concen: 17.361 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.4	15.6
129	11.2	8.6	13.0

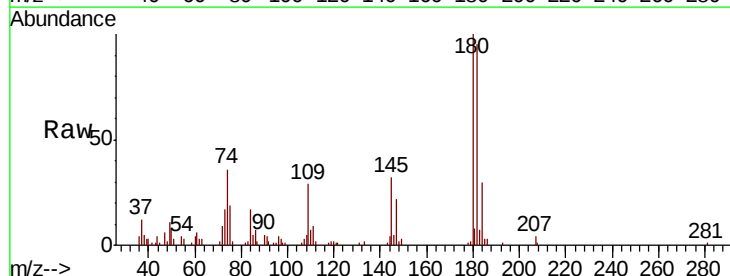


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 19.007 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052332.D
Acq: 15 Nov 2018 10:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.5	139.3
145	31.7	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

