

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111918\
 Data File : VN052378.D
 Acq On : 19 Nov 2018 11:36
 Operator : MD\SY
 Sample : VN1119WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Quant Time: Nov 20 07:09:43 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	7.66	168	310408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	509973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	448341	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	196056	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	229056	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
35) Dibromofluoromethane	7.59	113	174770	53.13	ug/l	0.00
Spiked Amount			Recovery	=	106.26%	
50) Toluene-d8	10.09	98	666340	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	12.40	95	218278	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.86	85	67747	20.596	ug/l	97
3) Chloromethane	2.07	50	87696	19.185	ug/l	100
4) Vinyl Chloride	2.19	62	76406	19.337	ug/l	97
5) Bromomethane	2.58	94	42543	17.271	ug/l	97
6) Chloroethane	2.72	64	45841	20.519	ug/l	93
7) Trichlorofluoromethane	3.03	101	116575	21.321	ug/l	99
8) Diethyl Ether	3.42	74	38457	18.454	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.77	101	68552	19.853	ug/l	97
10) Methyl Iodide	3.96	142	68080	14.684	ug/l	96
11) Tert butyl alcohol	4.78	59	18909	81.670	ug/l	100
12) 1,1-Dichloroethene	3.75	96	59819	18.720	ug/l	97
13) Acrolein	3.62	56	19544	72.862	ug/l	95
14) Allyl chloride	4.33	41	132223	20.152	ug/l	98
15) Acrylonitrile	4.99	53	118490	89.625	ug/l	99
16) Acetone	3.82	43	123914	102.655	ug/l	97
17) Carbon Disulfide	4.06	76	192442	21.003	ug/l	96
18) Methyl Acetate	4.33	43	58249	17.503	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	178053	19.390	ug/l	98
20) Methylene Chloride	4.56	84	70936	18.881	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	64982	18.888	ug/l	98
22) Diisopropyl ether	5.95	45	273408	20.423	ug/l	98
23) Vinyl Acetate	5.90	43	800685	88.168	ug/l	99
24) 1,1-Dichloroethane	5.85	63	139788	19.473	ug/l	99
25) 2-Butanone	6.84	43	162981	95.924	ug/l	97
26) 2,2-Dichloropropane	6.83	77	100547	19.049	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	79364	19.817	ug/l	99
28) Bromochloromethane	7.20	49	76844	20.819	ug/l	99
29) Tetrahydrofuran	7.21	42	103809	93.005	ug/l	99
30) Chloroform	7.37	83	139840	20.441	ug/l	96
31) Cyclohexane	7.66	56	138952	20.217	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	115804	19.871	ug/l	97
36) 1,1-Dichloropropene	7.80	75	105149	20.571	ug/l	99
37) Ethyl Acetate	6.93	43	64018	17.257	ug/l	97
38) Carbon Tetrachloride	7.78	117	101183	21.546	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	119367	20.457	ug/l	96
40) Benzene	8.04	78	294457	20.165	ug/l	96
41) Methacrylonitrile	7.17	41	36306	20.015	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	112869	21.676	ug/l	99
43) Isopropyl Acetate	8.16	43	119640	16.714	ug/l	95
44) Trichloroethene	8.84	130	74419	20.690	ug/l	100
45) 1,2-Dichloropropane	9.12	63	82371	19.877	ug/l	96
46) Dibromomethane	9.21	93	47709	19.887	ug/l	98
47) Bromodichloromethane	9.40	83	107569	21.850	ug/l	99
48) Methyl methacrylate	9.20	41	59750	16.450	ug/l	99
49) 1,4-Dioxane	9.20	88	11338	406.628	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	344664	95.653	ug/l	100
52) Toluene	10.15	92	181183	20.741	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	99510	20.042	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	117749	20.804	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	63364	20.010	ug/l	98
56) Ethyl methacrylate	10.43	69	72069	17.305	ug/l	98
57) 1,3-Dichloropropane	10.71	76	113219	20.185	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	233670	98.553	ug/l	99
59) 2-Hexanone	10.75	43	233912	94.379	ug/l	98
60) Dibromochloromethane	10.90	129	73544	21.465	ug/l	100
61) 1,2-Dibromoethane	11.00	107	59286	18.795	ug/l	97
64) Tetrachloroethene	10.63	164	66030	20.716	ug/l	98
65) Chlorobenzene	11.43	112	194531	20.527	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	68363	21.154	ug/l	99
67) Ethyl Benzene	11.51	91	350951	21.337	ug/l	99
68) m/p-Xylenes	11.62	106	255713	42.550	ug/l	98
69) o-Xylene	11.95	106	124278	21.573	ug/l	99
70) Styrene	11.96	104	194015	21.033	ug/l	98
71) Bromoform	12.13	173	42640	22.347	ug/l #	96
73) Isopropylbenzene	12.25	105	339889	21.563	ug/l	98
74) N-amyl acetate	12.07	43	92521	16.479	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	73986	19.417	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	95422	28.684	ug/l #	100
77) Bromobenzene	12.53	156	75072	20.469	ug/l	100
78) n-propylbenzene	12.59	91	400313	21.715	ug/l	100
79) 2-Chlorotoluene	12.67	91	229777	21.336	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	274036	21.861	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	18776	18.306	ug/l	94
82) 4-Chlorotoluene	12.77	91	230319	20.874	ug/l	99
83) tert-Butylbenzene	12.99	119	238178	21.522	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	279074	22.177	ug/l	98
85) sec-Butylbenzene	13.17	105	330632	21.932	ug/l	100
86) p-Isopropyltoluene	13.29	119	278053	21.774	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	135975	20.875	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	133705	20.647	ug/l	99
89) n-Butylbenzene	13.61	91	242111	22.075	ug/l	100
90) Hexachloroethane	13.87	117	51162	22.620	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	126346	20.021	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10858	19.324	ug/l	95

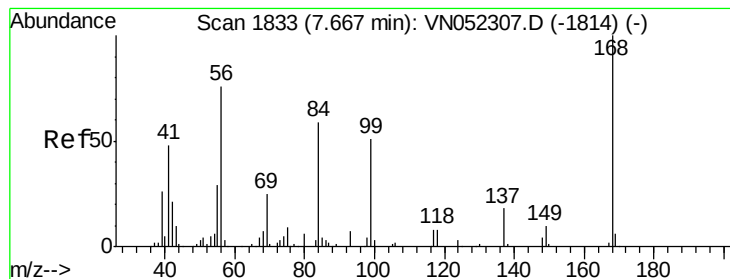
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	55793	20.400	ug/l	99
94) Hexachlorobutadiene	15.01	225	34580	23.940	ug/l	97
95) Naphthalene	15.13	128	117352	18.633	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	49418	20.608	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampled :

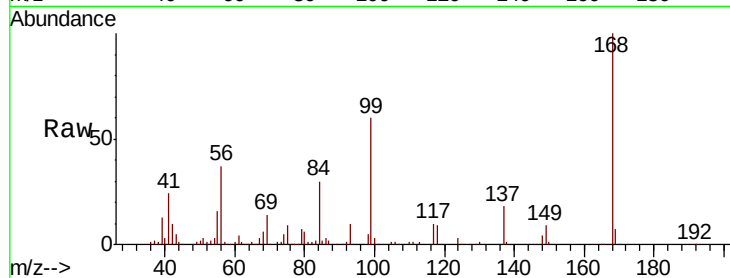
VN1119WBS01

Tot Ion:168 Resp: 310408

Ion Ratio Lower Upper

168 100

99 60.1 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

150000

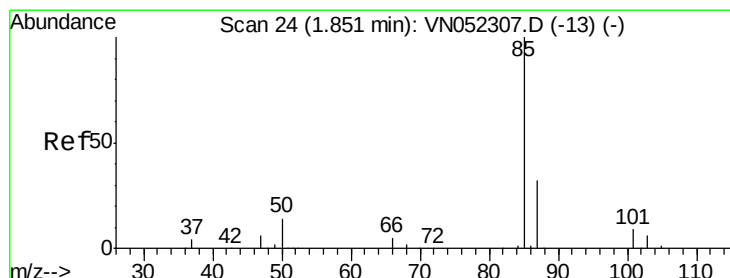
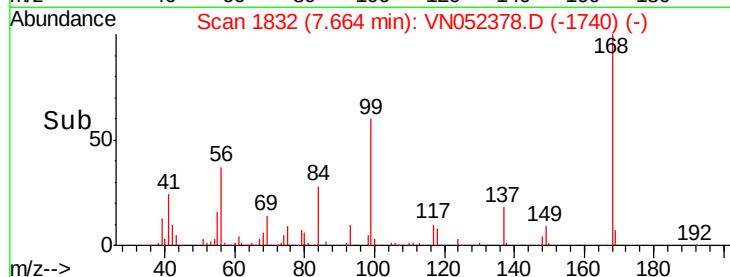
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.596 ug/l

RT: 1.86 min Scan# 26

Delta R.T. 0.01 min

Lab File: VN052378.D

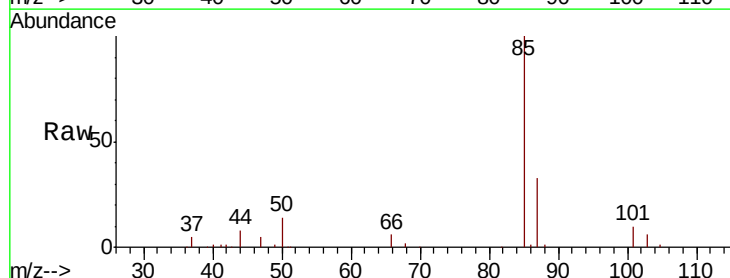
Acq: 19 Nov 2018 11:36

Tgt Ion: 85 Resp: 67747

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.86

60000

50000

40000

30000

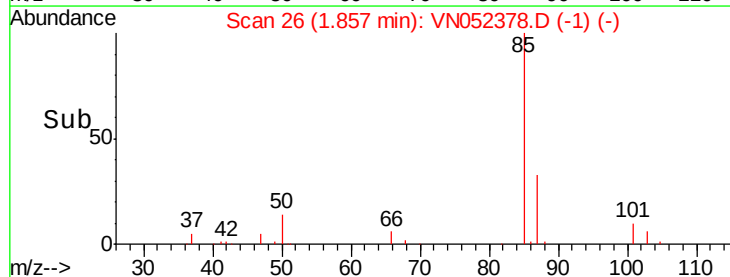
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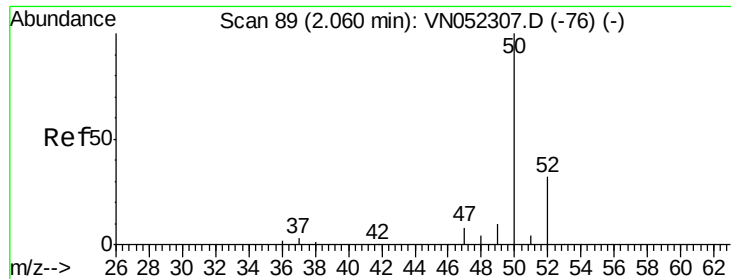
10000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 19.185 ug/l

RT: 2.07 min Scan# 91

Delta R.T. 0.01 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

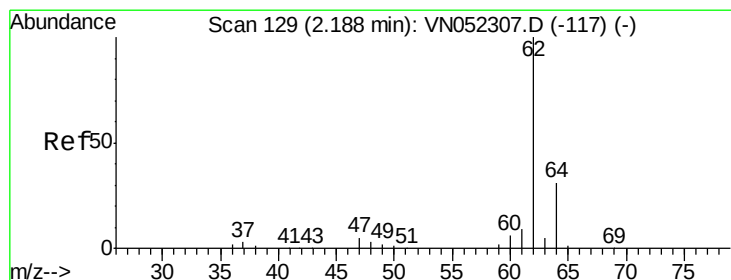
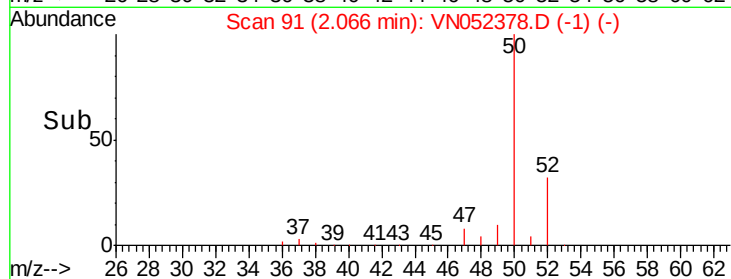
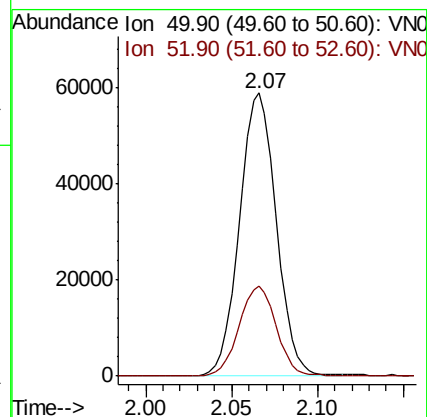
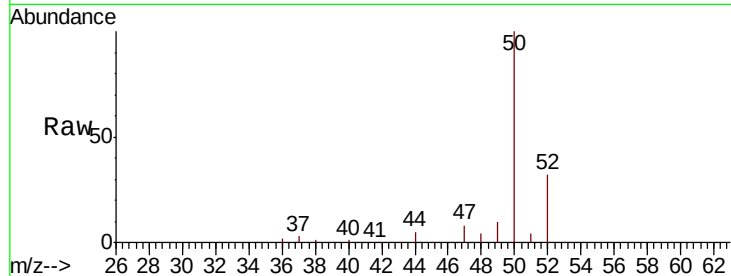
VN1119WBS01

Tot Ion: 50 Resp: 87696

Ion Ratio Lower Upper

50 100

52 31.8 25.5 38.3



#4

Vinyl Chloride

Concen: 19.337 ug/l

RT: 2.19 min Scan# 131

Delta R.T. 0.01 min

Lab File: VN052378.D

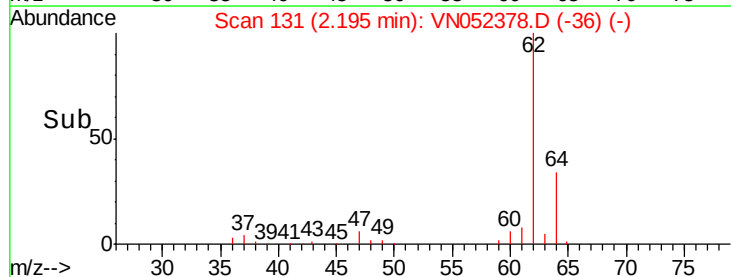
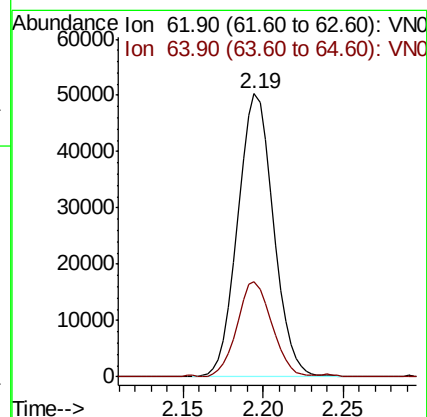
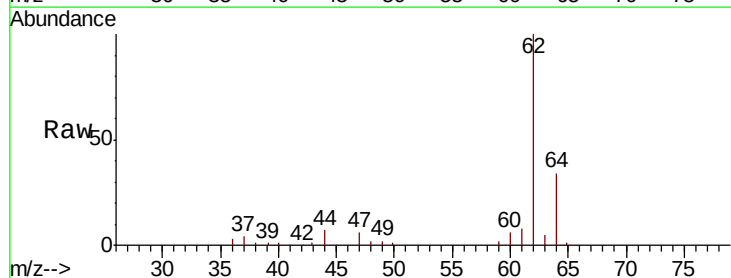
Acq: 19 Nov 2018 11:36

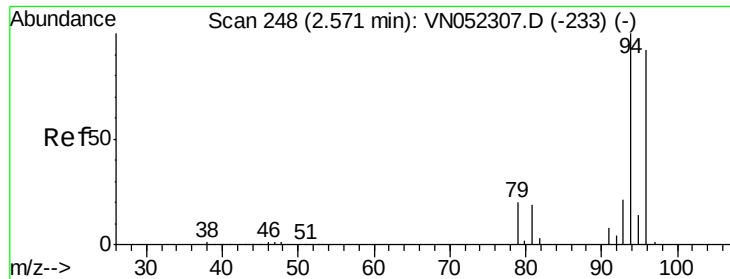
Tgt Ion: 62 Resp: 76406

Ion Ratio Lower Upper

62 100

64 33.4 25.2 37.8





#5

Bromomethane

Concen: 17.271 ug/l

RT: 2.58 min Scan# 251

Delta R.T. 0.01 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

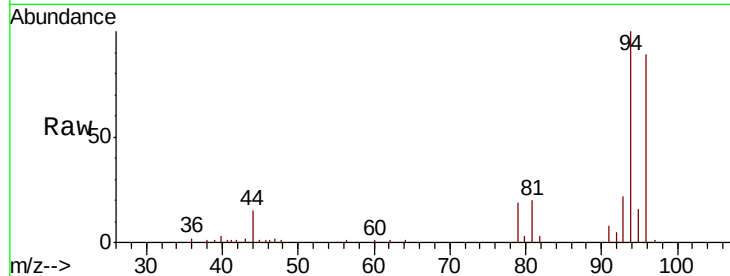
VN1119WBS01

Tot Ion: 94 Resp: 42543

Ion Ratio Lower Upper

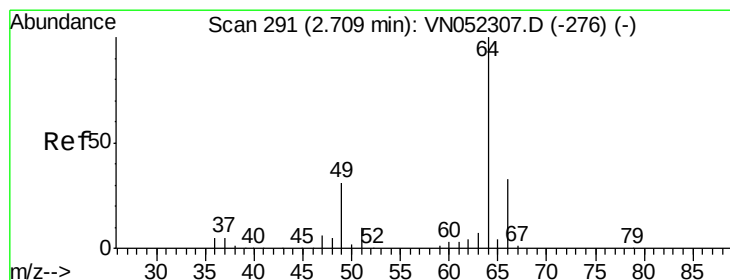
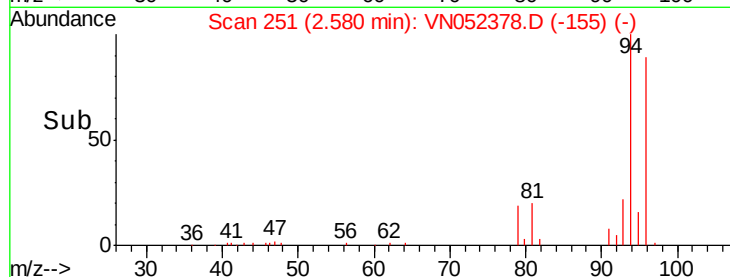
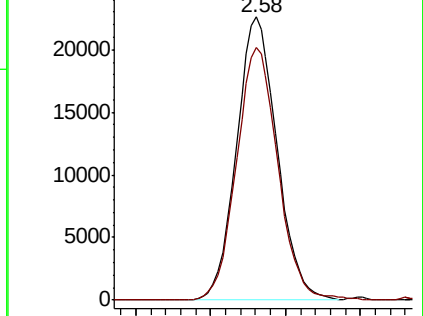
94 100

96 89.4 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: 20.519 ug/l

RT: 2.72 min Scan# 293

Delta R.T. 0.01 min

Lab File: VN052378.D

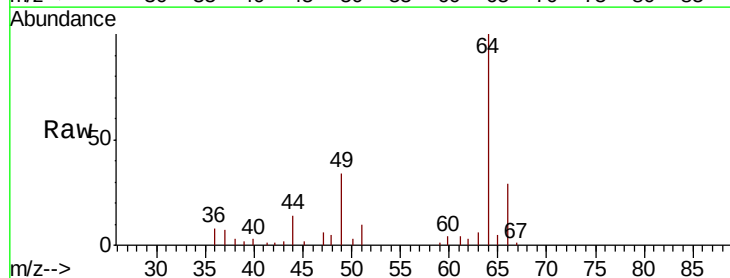
Acq: 19 Nov 2018 11:36

Tgt Ion: 64 Resp: 45841

Ion Ratio Lower Upper

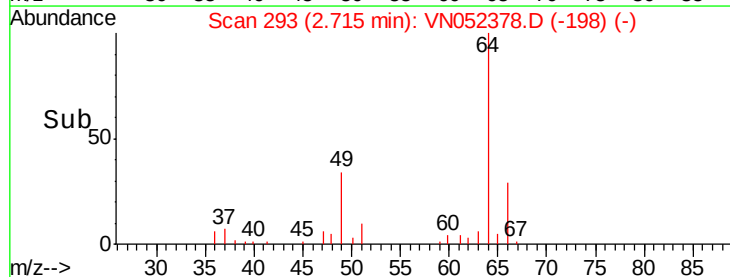
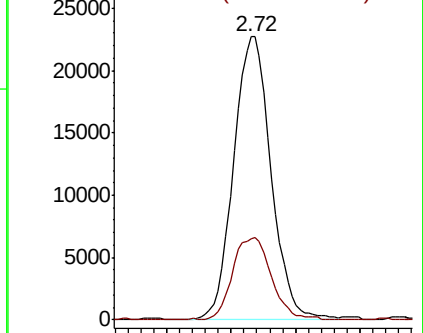
64 100

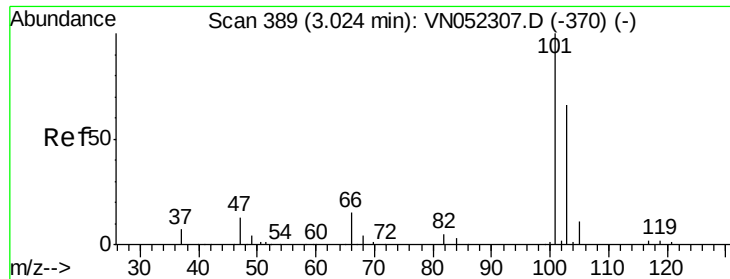
66 28.5 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



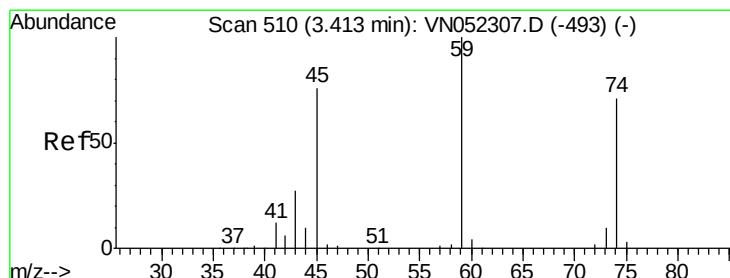
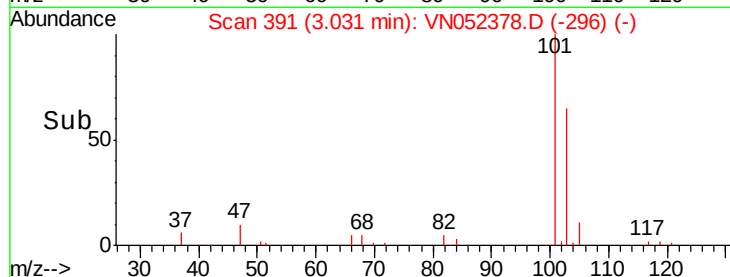
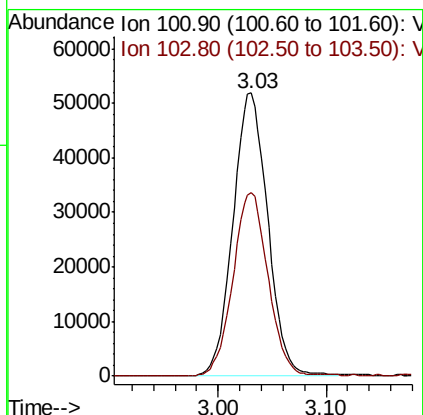
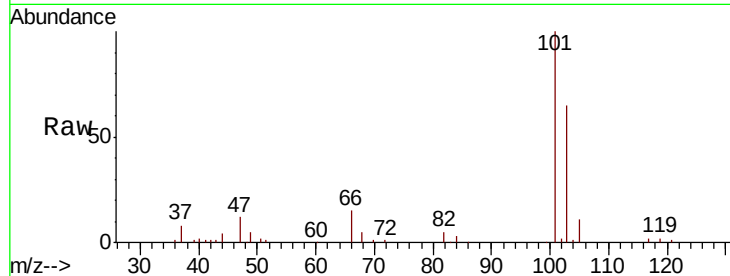


#7

Trichlorofluoromethane
Concen: 21.321 ug/l
RT: 3.03 min Scan# 391
Delta R.T. 0.01 min
Lab File: VN052378.D
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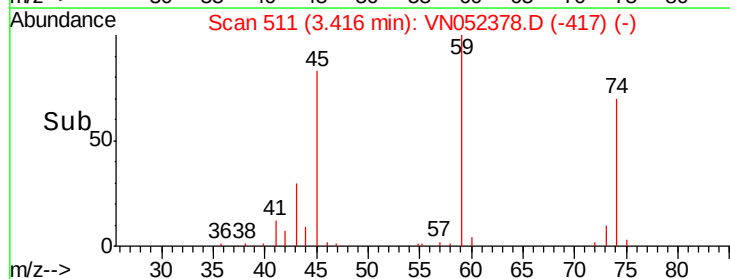
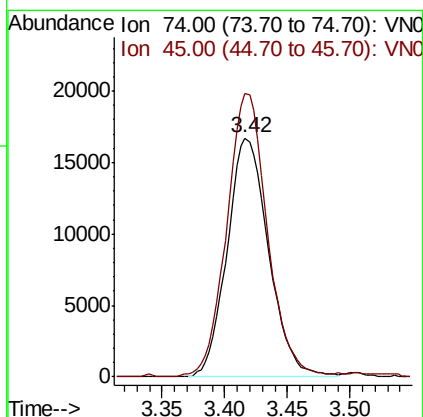
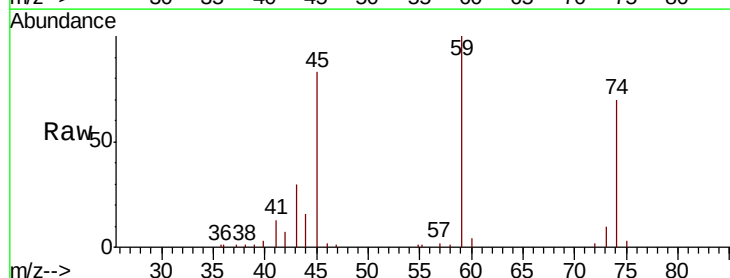
Tot Ion:101 Resp: 116575
Ion Ratio Lower Upper
101 100
103 64.8 52.8 79.2

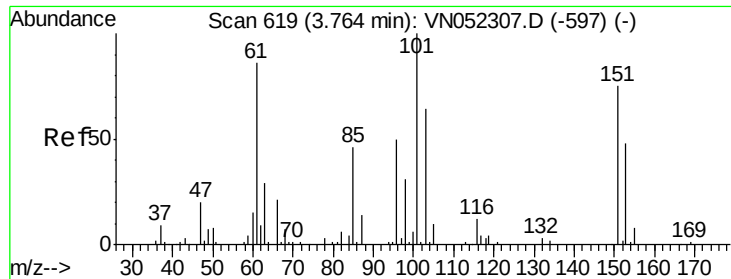


#8

Diethyl Ether
Concen: 18.454 ug/l
RT: 3.42 min Scan# 511
Delta R.T. 0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion: 74 Resp: 38457
Ion Ratio Lower Upper
74 100
45 116.4 54.3 162.9

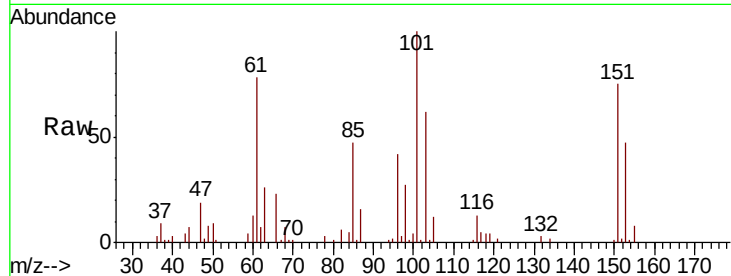




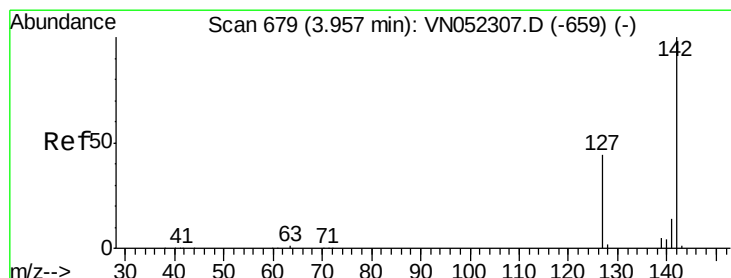
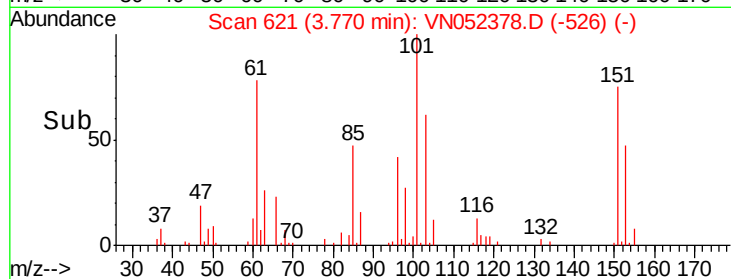
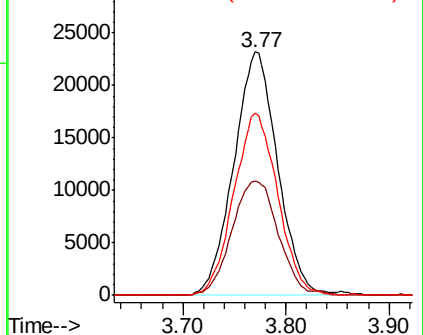
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.853 ug/l
 RT: 3.77 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion:101 Resp: 68552
 Ion Ratio Lower Upper
 101 100
 85 49.7 37.4 56.0
 151 74.9 58.6 88.0

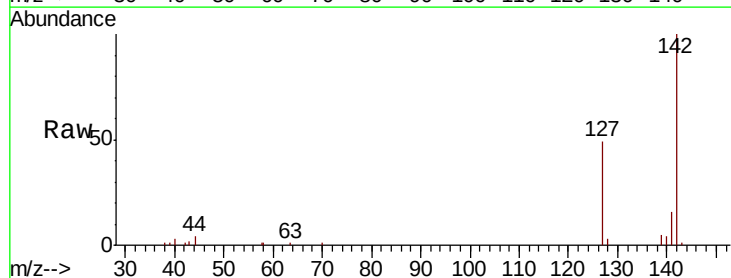


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

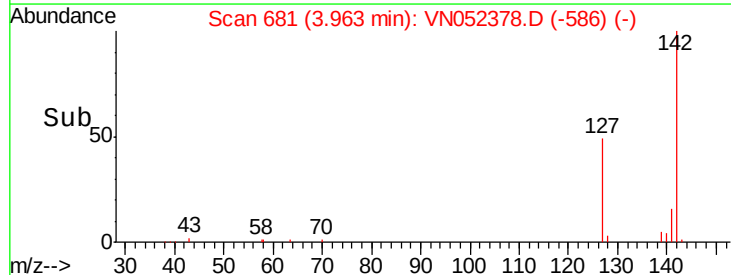
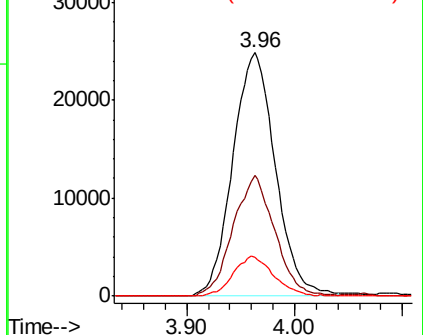


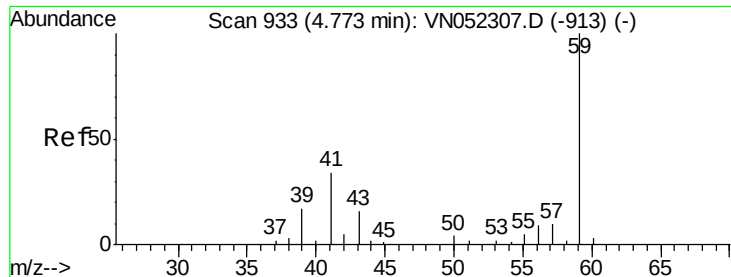
#10
 Methyl Iodide
 Concen: 14.684 ug/l
 RT: 3.96 min Scan# 681
 Delta R.T. 0.01 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion:142 Resp: 68080
 Ion Ratio Lower Upper
 142 100
 127 48.2 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

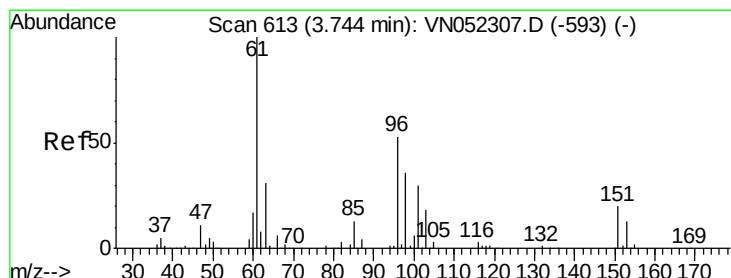
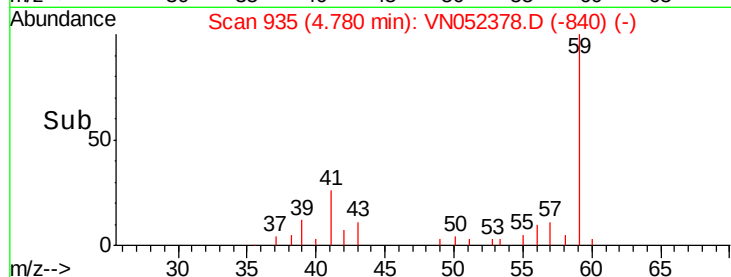
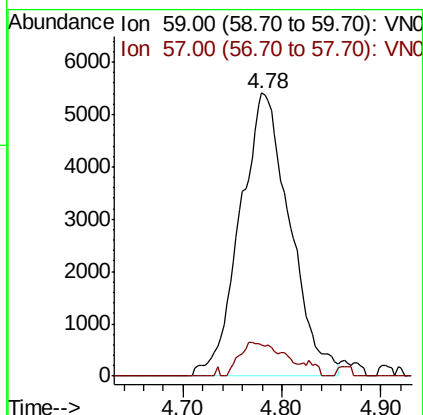
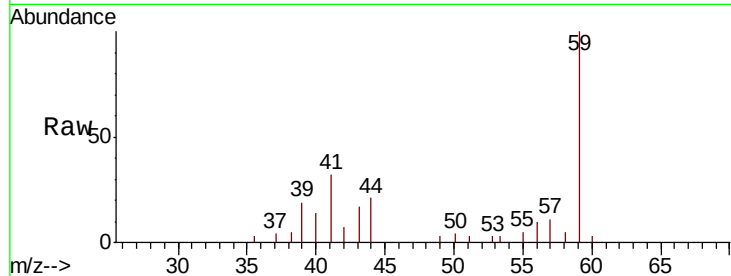




#11
Tert butyl alcohol
Concen: 81.670 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

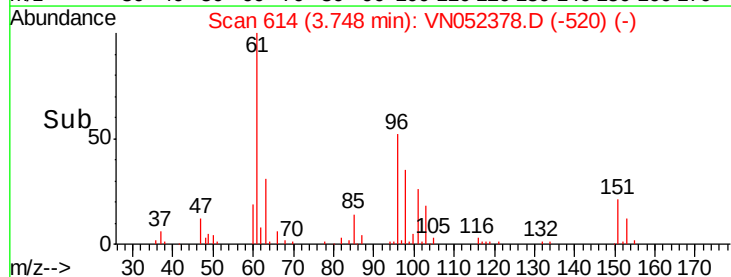
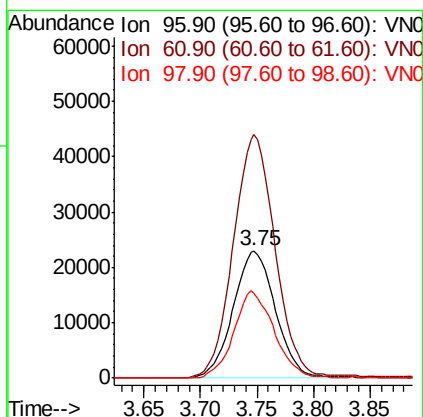
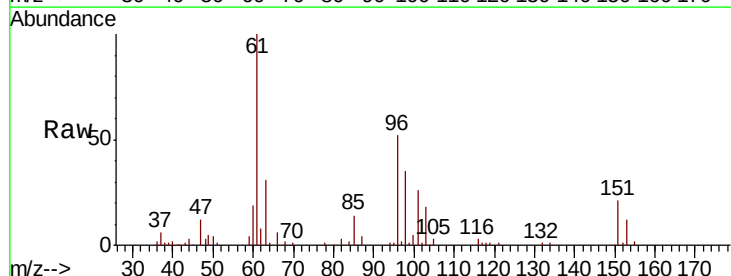
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

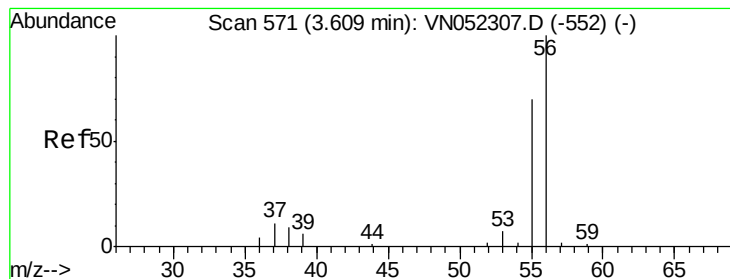
Tot Ion: 59 Resp: 18909
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7



#12
1,1-Dichloroethene
Concen: 18.720 ug/l
RT: 3.75 min Scan# 614
Delta R.T. 0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion: 96 Resp: 59819
Ion Ratio Lower Upper
96 100
61 191.4 149.6 224.4
98 66.5 54.2 81.2





#13

Acrolein

Concen: 72.862 ug/l

RT: 3.62 min Scan# 573

Delta R.T. 0.01 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

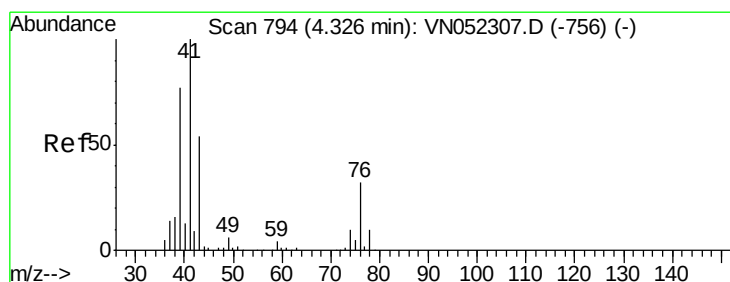
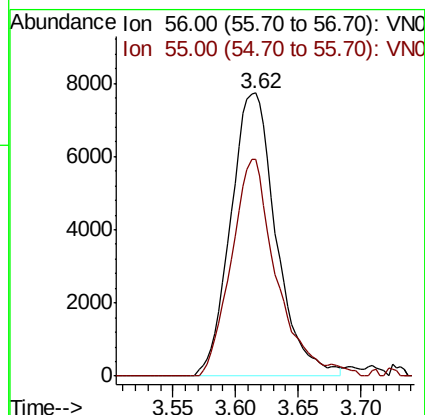
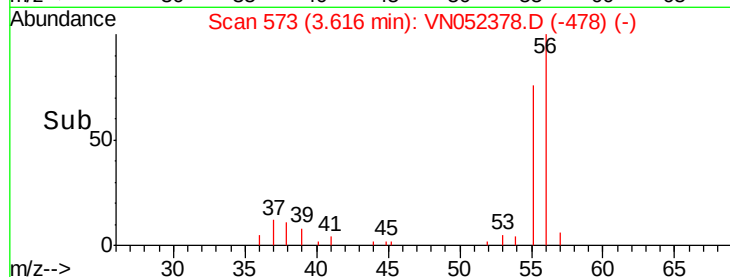
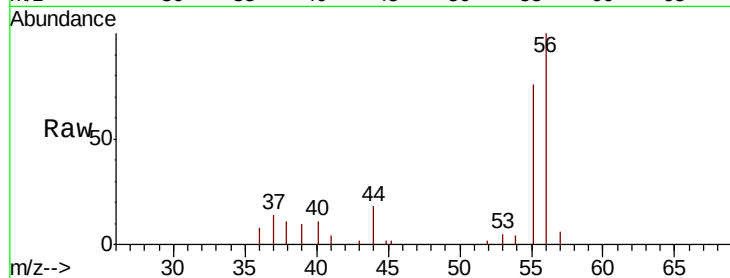
VN1119WBS01

Tot Ion: 56 Resp: 19544

Ion Ratio Lower Upper

56 100

55 75.9 57.6 86.4



#14

Allyl chloride

Concen: 20.152 ug/l

RT: 4.33 min Scan# 796

Delta R.T. 0.01 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

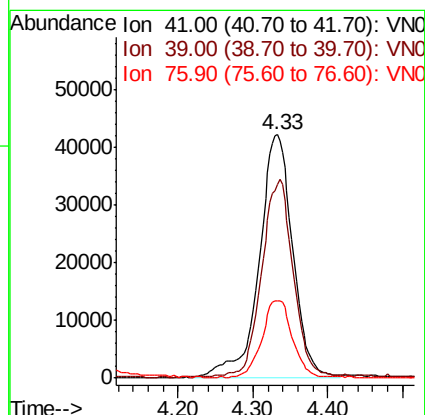
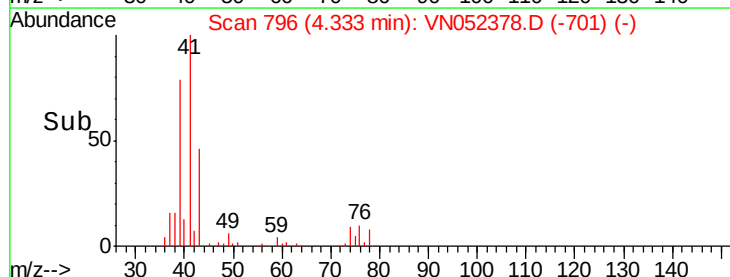
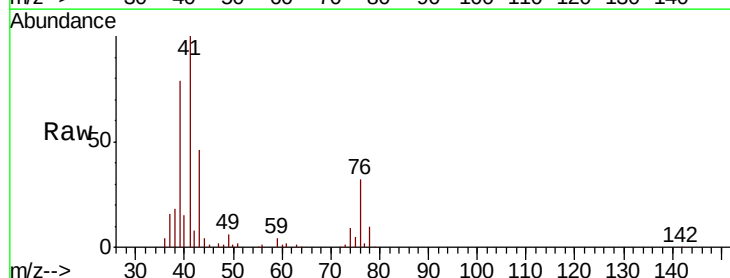
Tgt Ion: 41 Resp: 132223

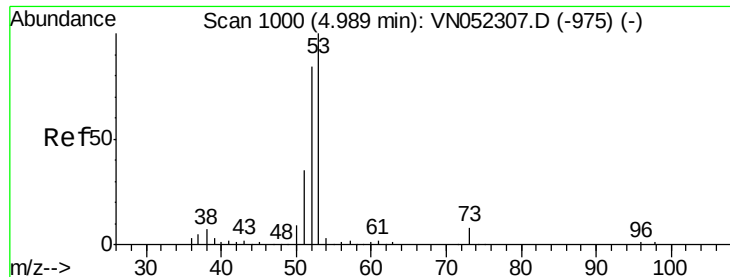
Ion Ratio Lower Upper

41 100

39 75.2 59.1 88.7

76 28.9 24.1 36.1





#15

Acrylonitrile

Concen: 89.625 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

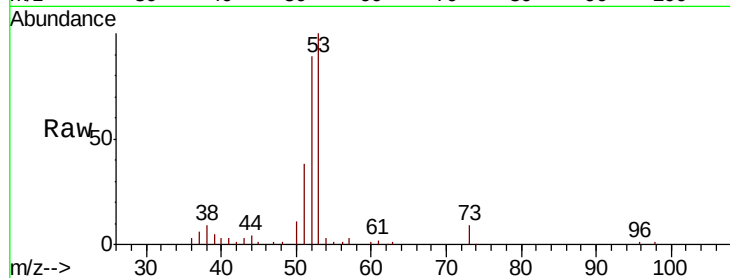
MSVOA_N

ClientSampleId :

VN1119WBS01

Tot Ion: 53 Resp: 118490

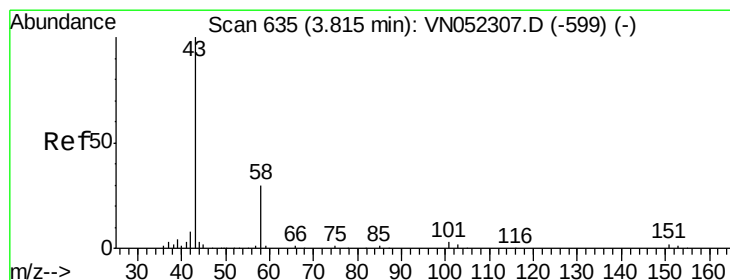
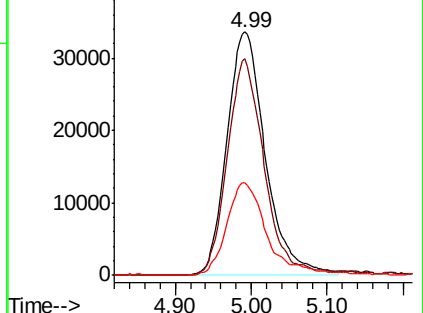
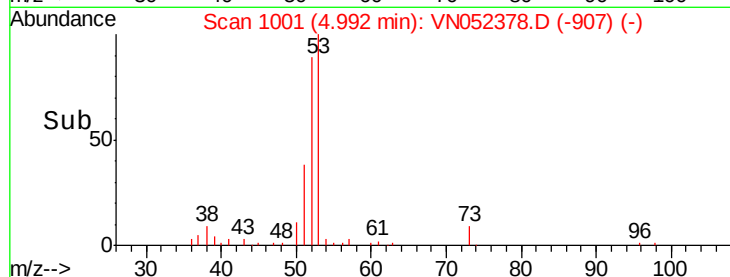
Ion	Ratio	Lower	Upper
53	100		
52	84.1	67.5	101.3
51	36.8	29.9	44.9



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 102.655 ug/l

RT: 3.82 min Scan# 636

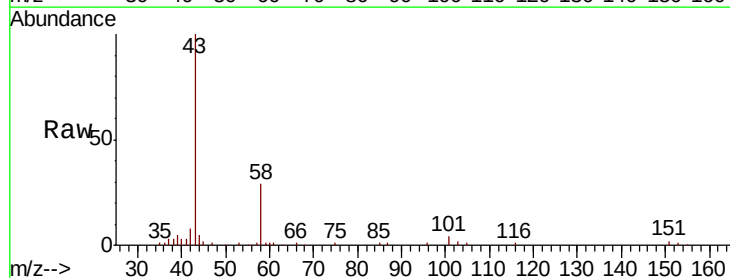
Delta R.T. 0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

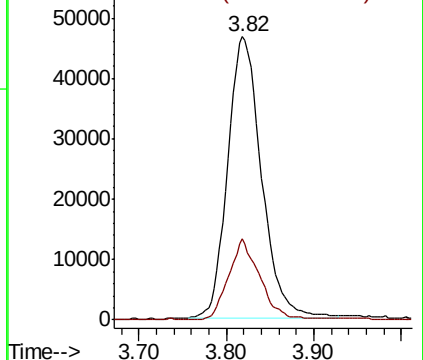
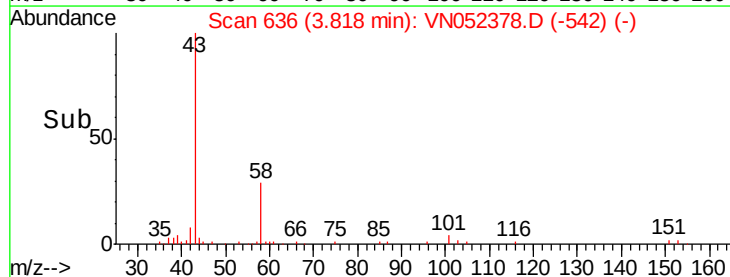
Tgt Ion: 43 Resp: 123914

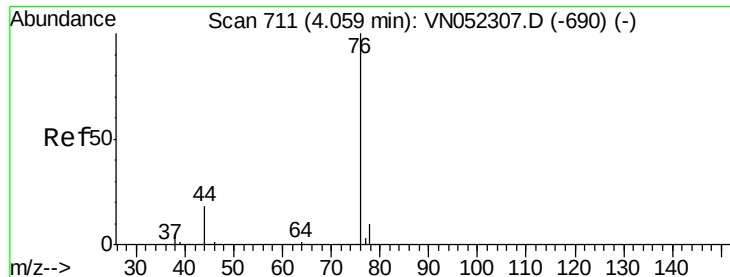
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.2	36.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

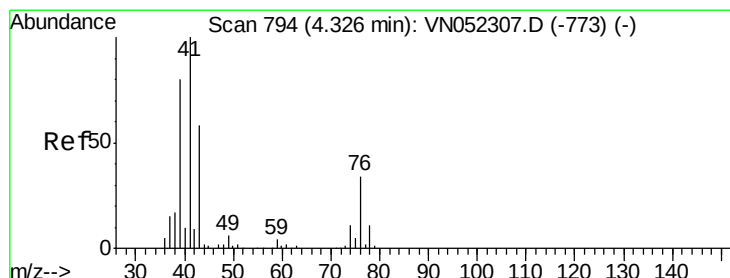
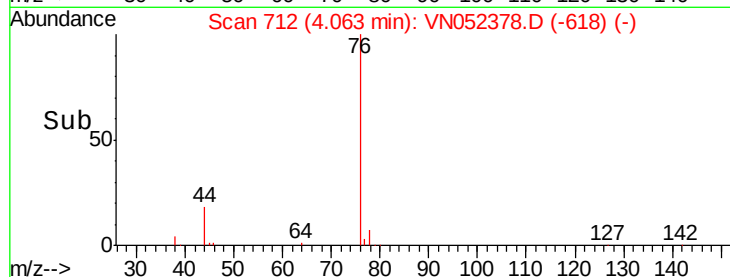
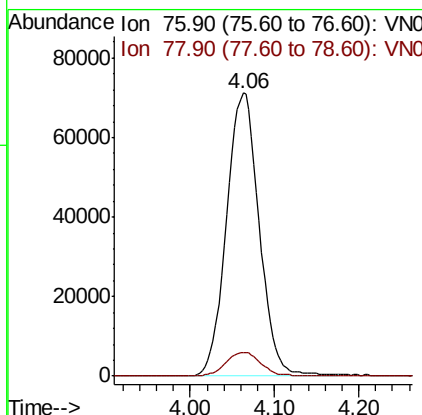
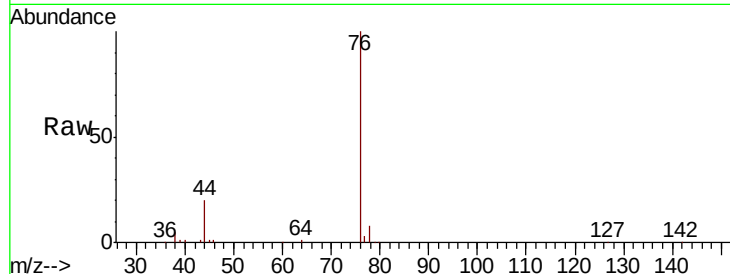




#17
Carbon Disulfide
Concen: 21.003 ug/l
RT: 4.06 min Scan# 712
Delta R.T. 0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

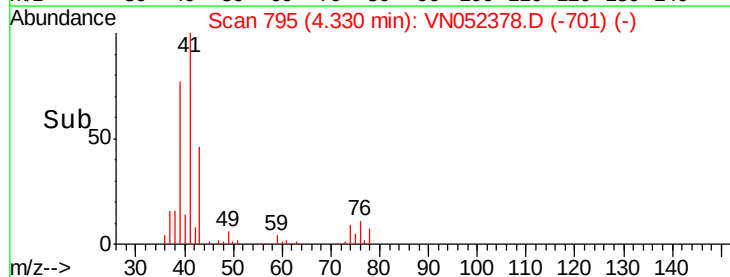
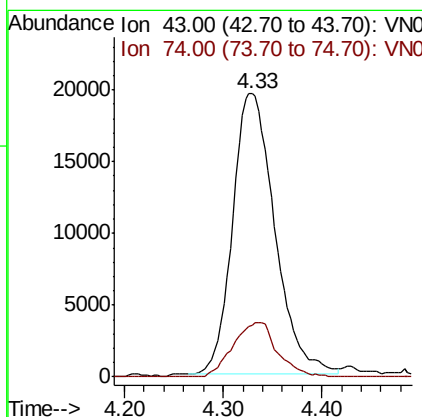
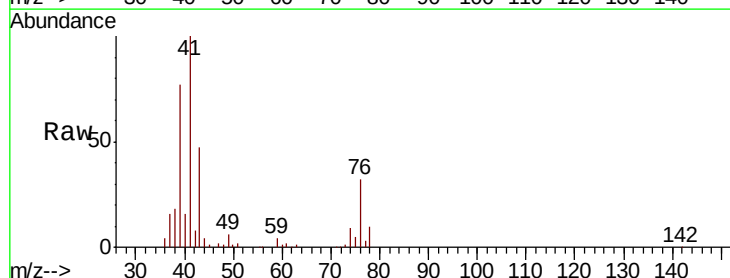
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

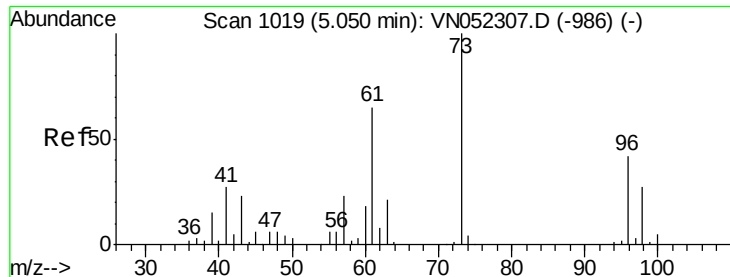
Tot Ion: 76 Resp: 192442
Ion Ratio Lower Upper
76 100
78 8.2 7.7 11.5



#18
Methyl Acetate
Concen: 17.503 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion: 43 Resp: 58249
Ion Ratio Lower Upper
43 100
74 20.3 15.9 23.9

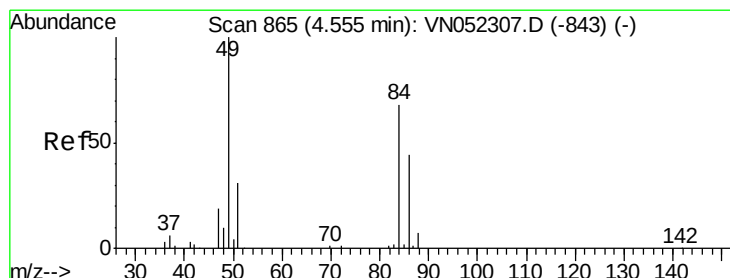
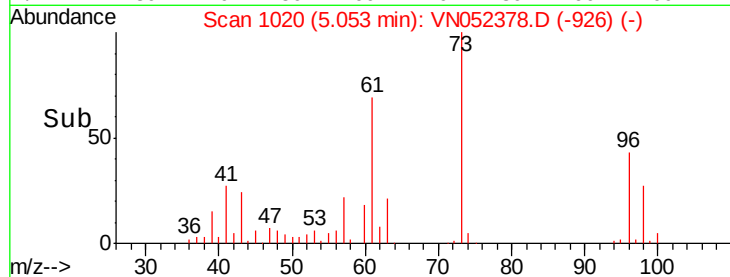
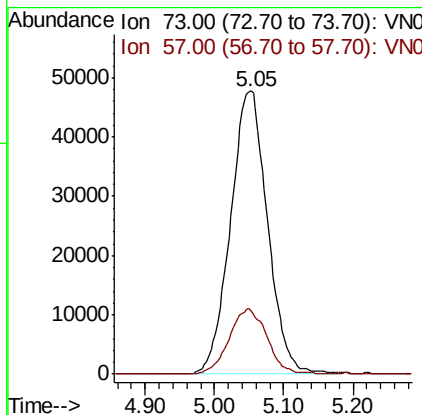
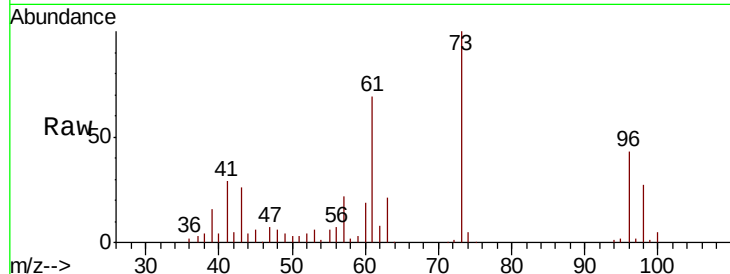




#19
Methyl tert-butyl Ether
Concen: 19.390 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. 0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

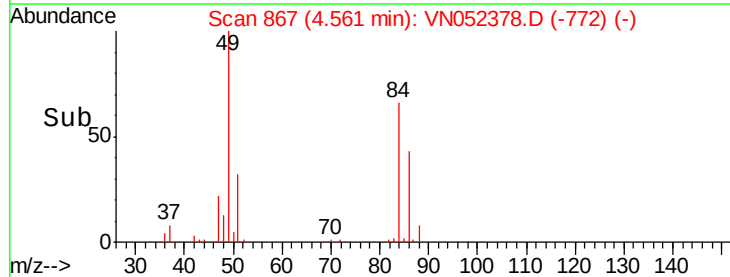
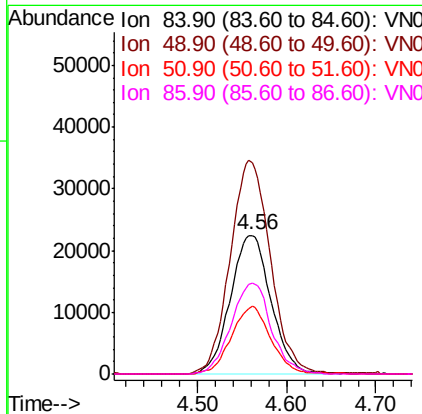
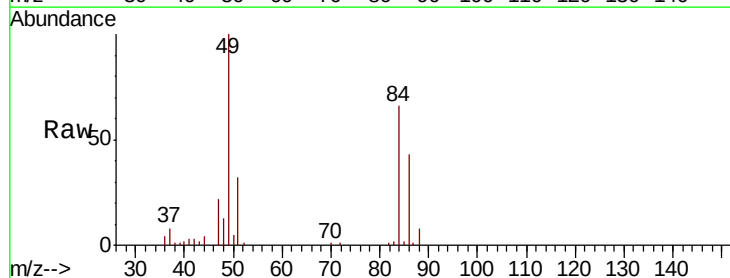
Instrument :
MSVOA_N
ClientSampled :
VN1119WBS01

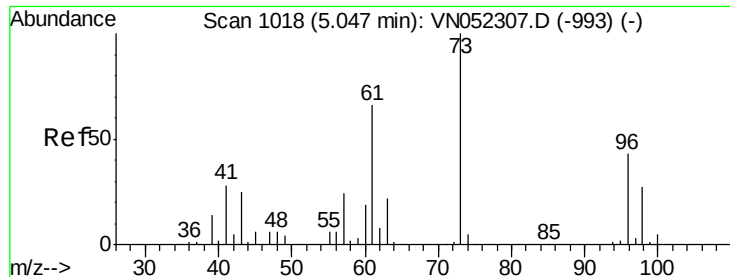
Tot Ion: 73 Resp: 178053
Ion Ratio Lower Upper
73 100
57 22.3 18.7 28.1



#20
Methylene Chloride
Concen: 18.881 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion: 84 Resp: 70936
Ion Ratio Lower Upper
84 100
49 152.2 118.2 177.2
51 48.4 36.1 54.1
86 65.3 51.6 77.4

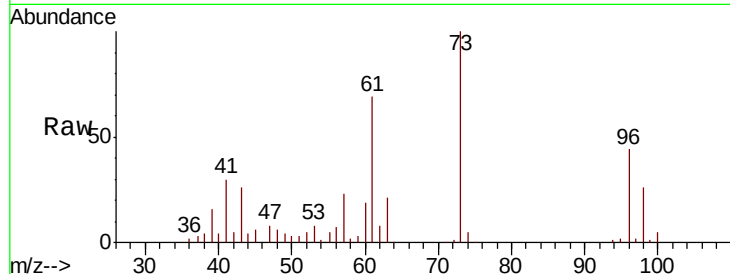




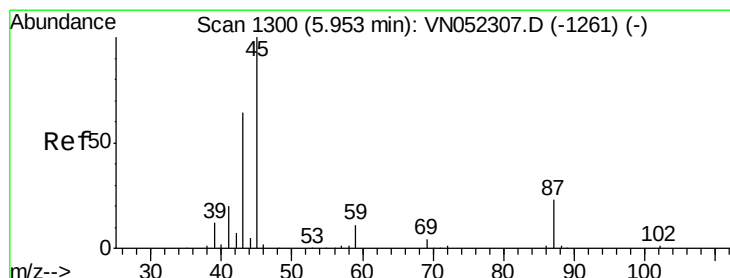
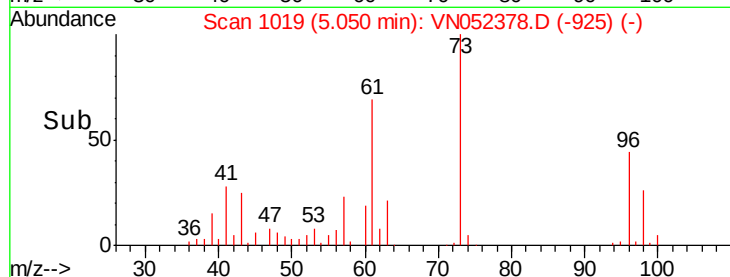
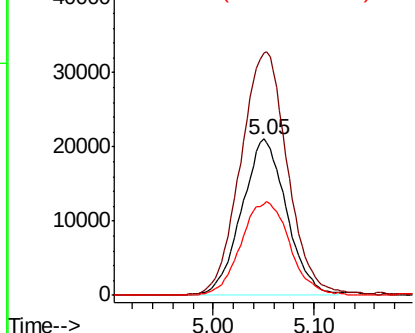
#21
trans-1,2-Dichloroethene
Concen: 18.888 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion: 96 Resp: 64982
Ion Ratio Lower Upper
96 100
61 154.4 123.6 185.4
98 58.6 50.7 76.1

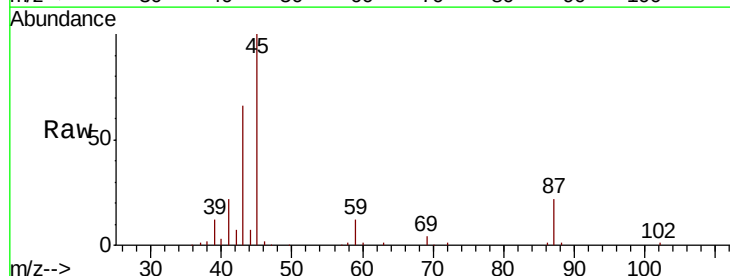


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

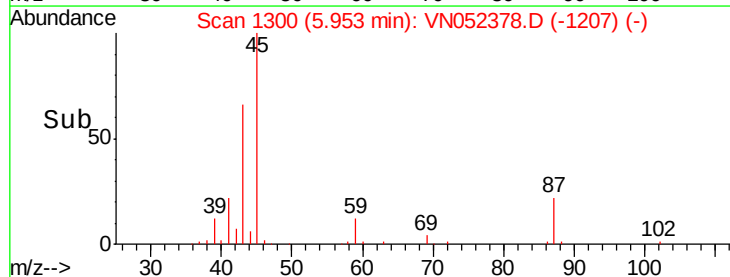
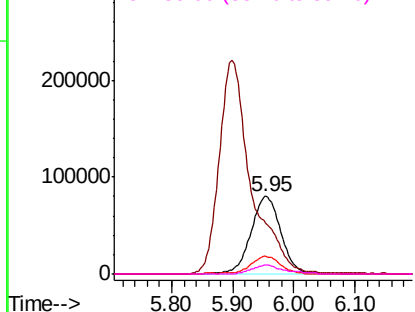


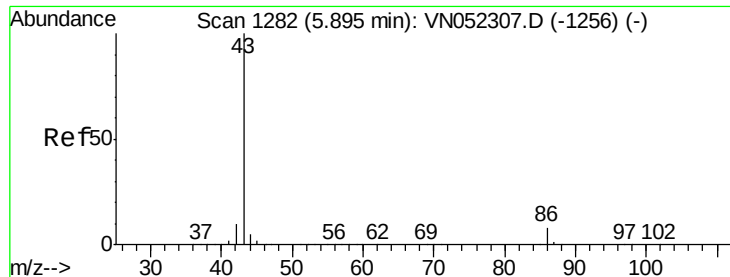
#22
Diisopropyl ether
Concen: 20.423 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion: 45 Resp: 273408
Ion Ratio Lower Upper
45 100
43 65.6 51.4 77.2
87 22.5 18.8 28.2
59 11.7 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: 88.168 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

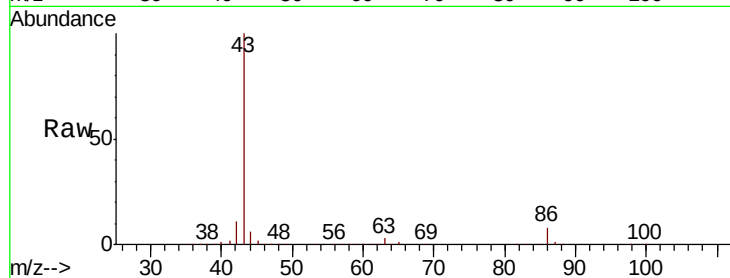
VN1119WBS01

Tot Ion: 43 Resp: 800685

Ion Ratio Lower Upper

43 100

86 7.6 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1256) (-)

Ion 86.00 (85.70 to 86.70): VN052307.D (-1256) (-)

5.90

250000

200000

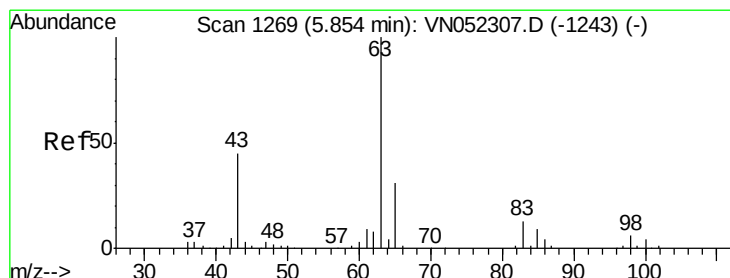
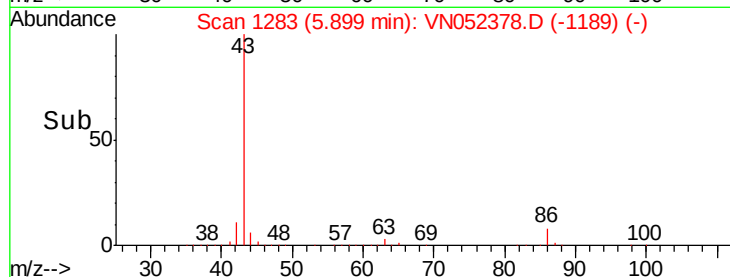
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.473 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

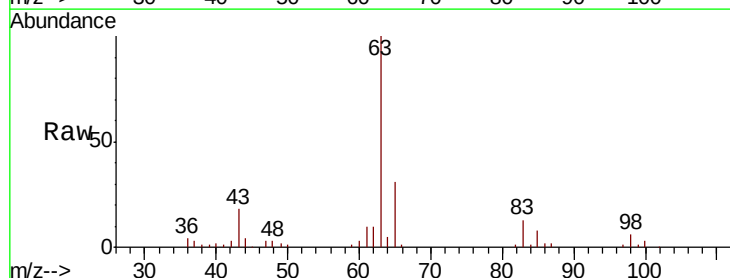
Tgt Ion: 63 Resp: 139788

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.6

100 2.9 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN052307.D (-1243) (-)

Ion 97.90 (97.60 to 98.60): VN052307.D (-1243) (-)

Ion 99.90 (99.60 to 100.60): VN052307.D (-1243) (-)

5.85

60000

50000

40000

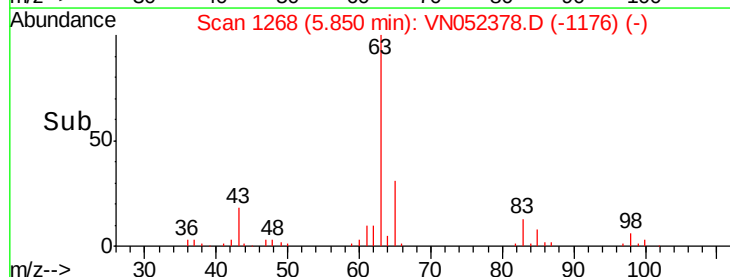
30000

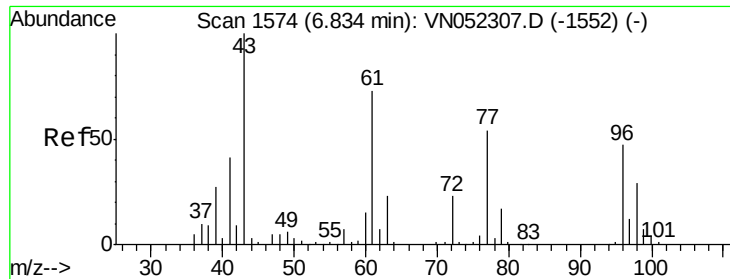
20000

10000

0

Time-->





#25

2-Butanone

Concen: 95.924 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

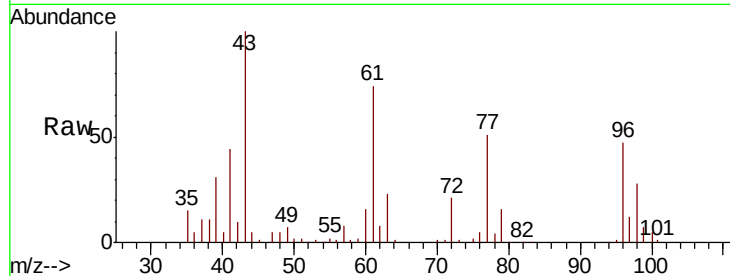
VN1119WBS01

Tot Ion: 43 Resp: 162981

Ion Ratio Lower Upper

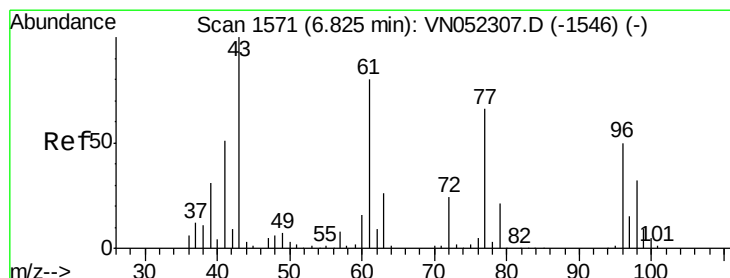
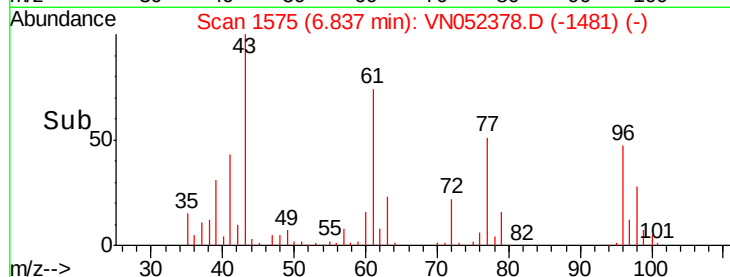
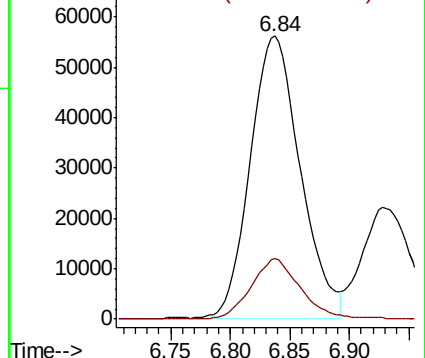
43 100

72 21.6 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 19.049 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052378.D

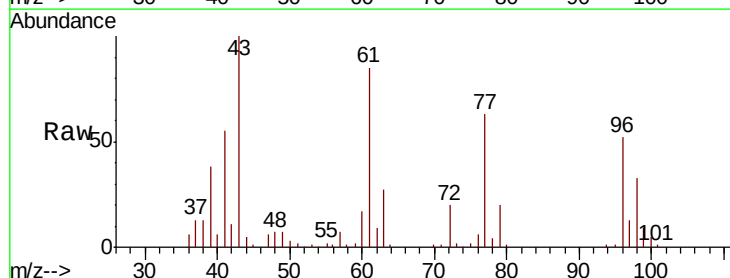
Acq: 19 Nov 2018 11:36

Tgt Ion: 77 Resp: 100547

Ion Ratio Lower Upper

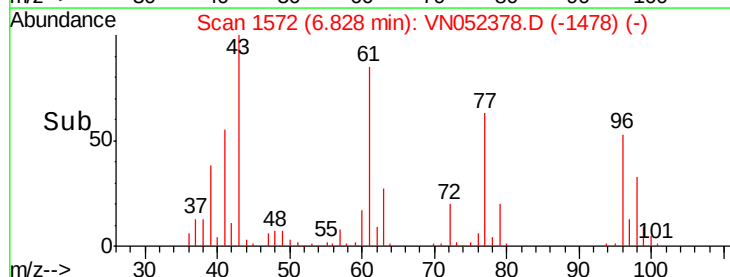
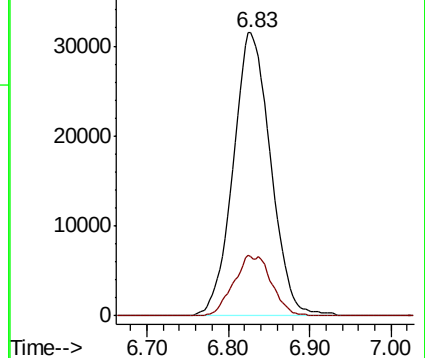
77 100

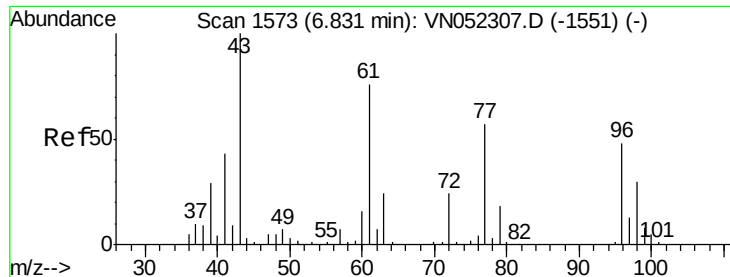
97 21.5 11.1 33.1



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: 19.817 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

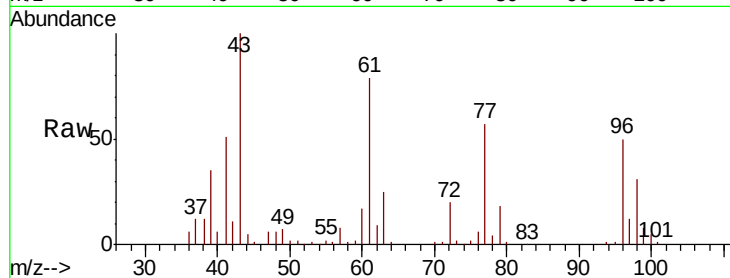
Tot Ion: 96 Resp: 79364

Ion Ratio Lower Upper

96 100

61 160.7 0.0 316.8

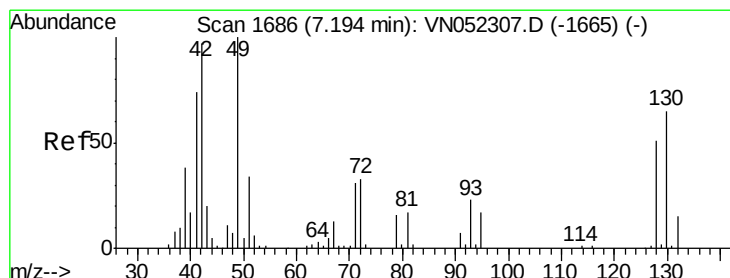
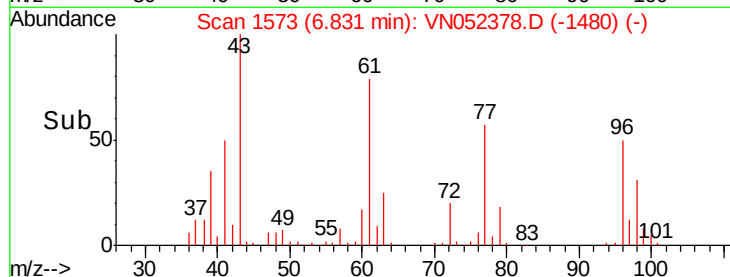
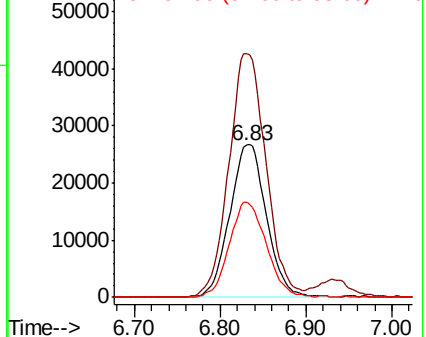
98 62.8 0.0 126.6



Abundance Ion 95.90 (95.60 to 96.60): VN052378.D (-1480) (-)

Ion 60.90 (60.60 to 61.60): VN052378.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN052378.D (-1480) (-)



#28

Bromochloromethane

Concen: 20.819 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

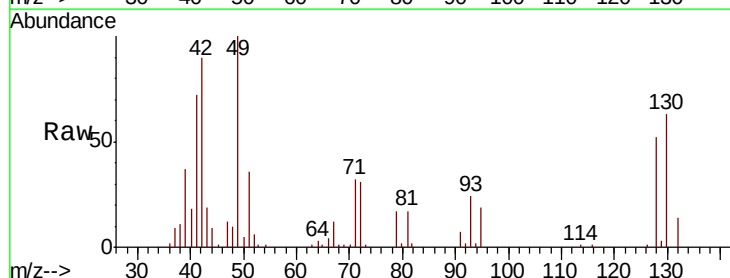
Tgt Ion: 49 Resp: 76844

Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.0

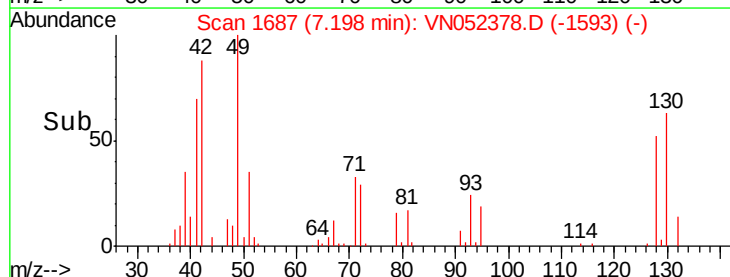
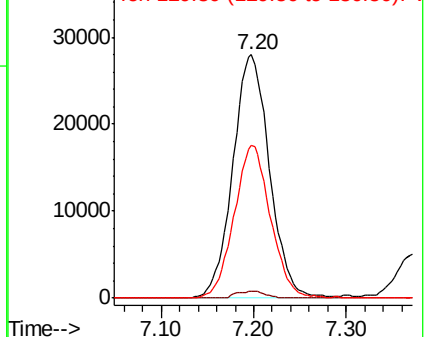
130 62.0 50.4 75.6

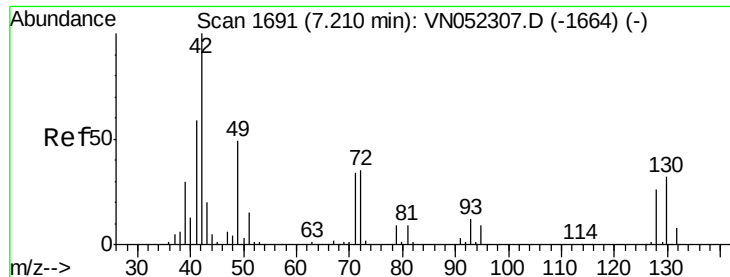


Abundance Ion 48.90 (48.60 to 49.60): VN052378.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN052378.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN052378.D (-1593) (-)

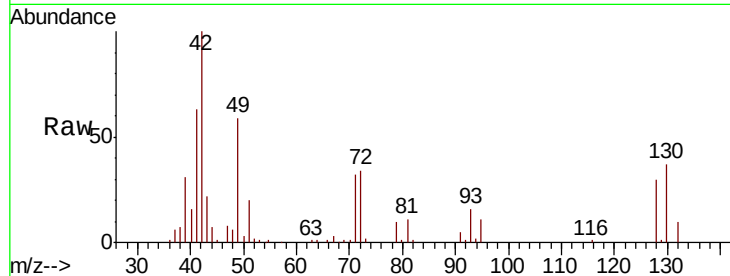




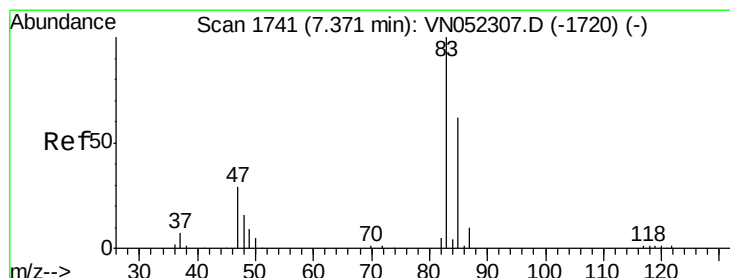
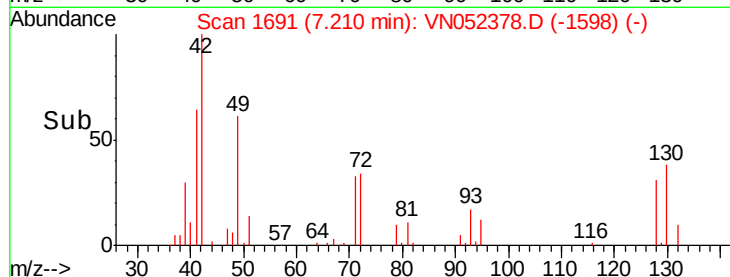
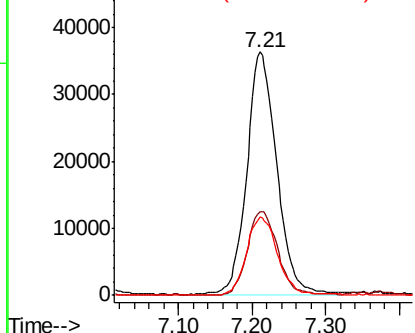
#29
Tetrahydrofuran
Concen: 93.005 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion: 42 Resp: 103809
Ion Ratio Lower Upper
42 100
72 34.8 28.6 42.8
71 33.2 26.7 40.1

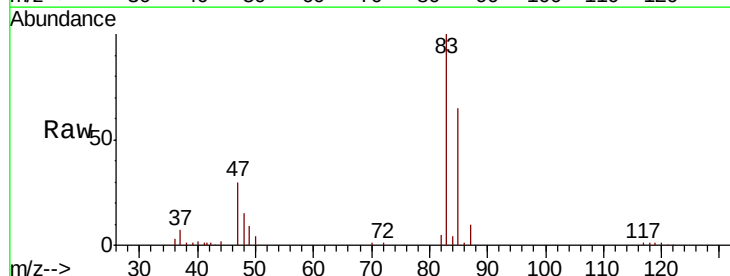


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

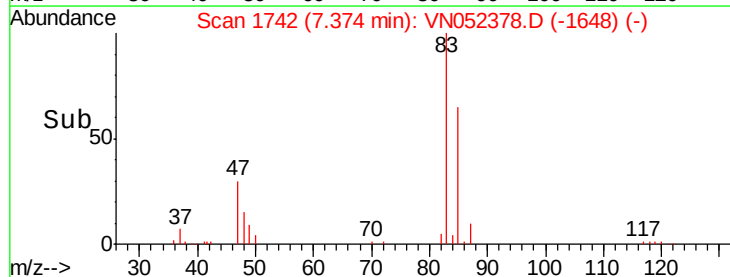
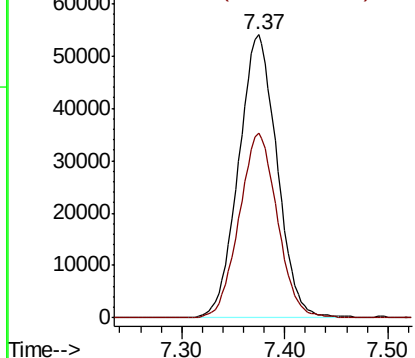


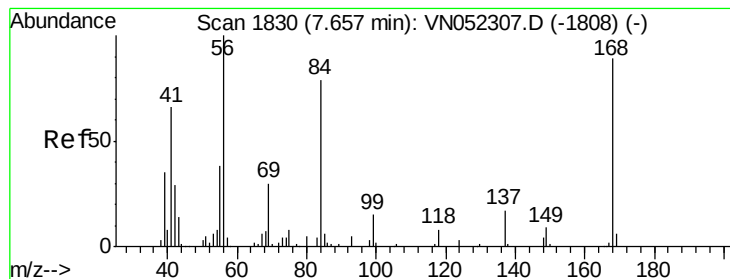
#30
Chloroform
Concen: 20.441 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion: 83 Resp: 139840
Ion Ratio Lower Upper
83 100
85 65.2 49.4 74.2



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





#31

Cyclohexane

Concen: 20.217 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

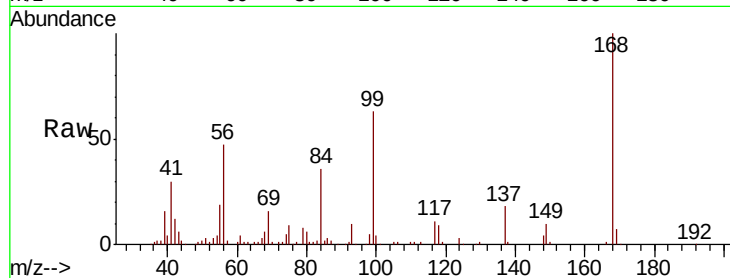
Tot Ion: 56 Resp: 138952

Ion Ratio Lower Upper

56 100

69 33.4 23.8 35.8

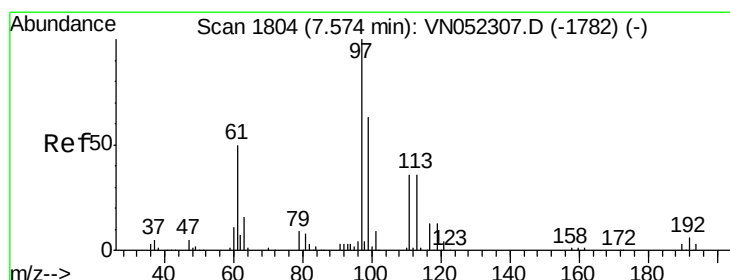
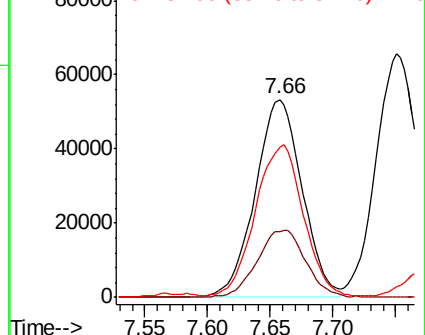
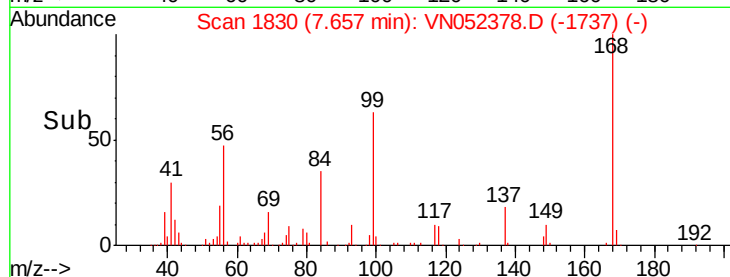
84 74.5 63.0 94.6



Abundance Ion 56.00 (55.70 to 56.70): VN052378.D (-1737) (-)

Ion 69.00 (68.70 to 69.70): VN052378.D (-1737) (-)

Ion 84.00 (83.70 to 84.70): VN052378.D (-1737) (-)



#32

1,1,1-Trichloroethane

Concen: 19.871 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

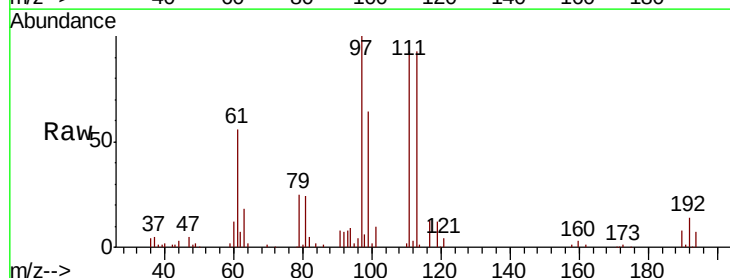
Tgt Ion: 97 Resp: 115804

Ion Ratio Lower Upper

97 100

99 62.7 50.2 75.2

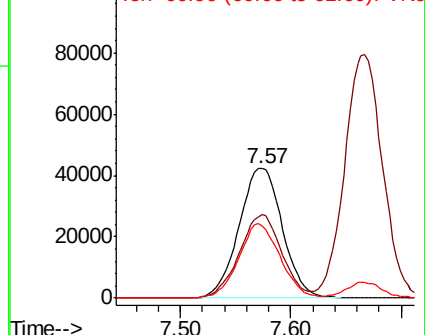
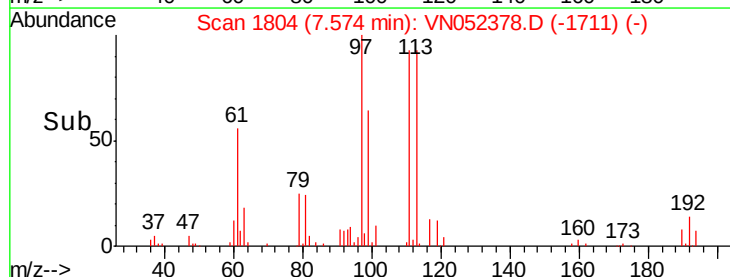
61 54.5 40.2 60.4

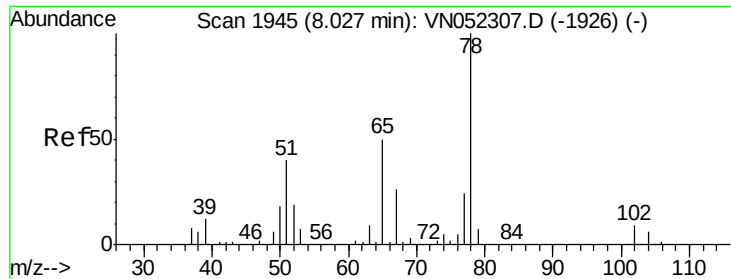


Abundance Ion 96.90 (96.60 to 97.60): VN052378.D (-1711) (-)

Ion 98.90 (98.60 to 99.60): VN052378.D (-1711) (-)

Ion 60.90 (60.60 to 61.60): VN052378.D (-1711) (-)

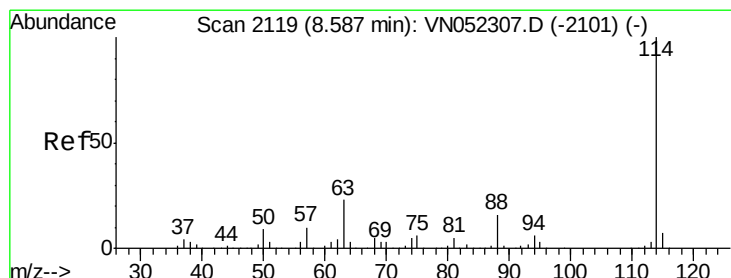
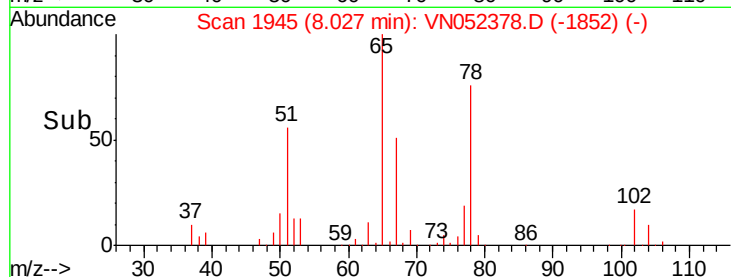
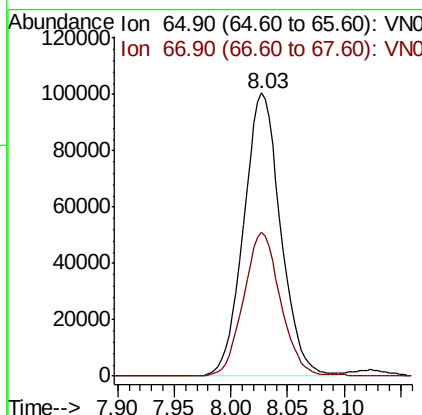
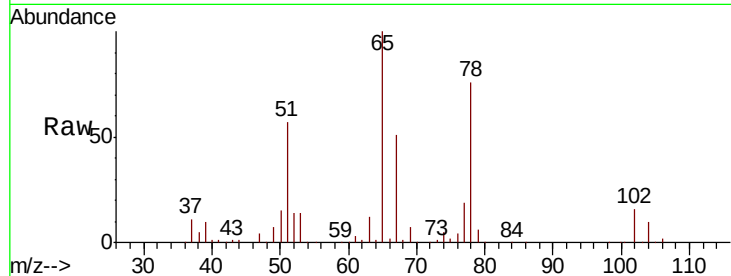




#33
 1,2-Dichloroethane-d4
 Concen: 19.871 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

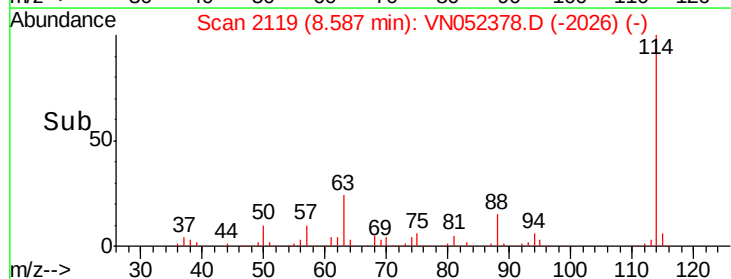
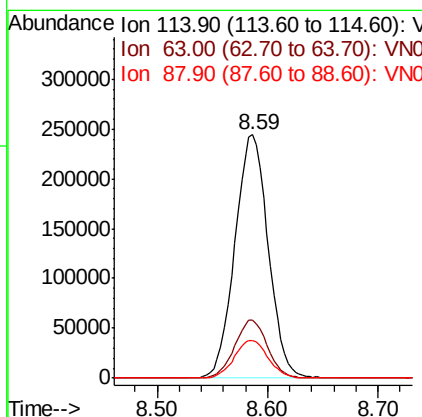
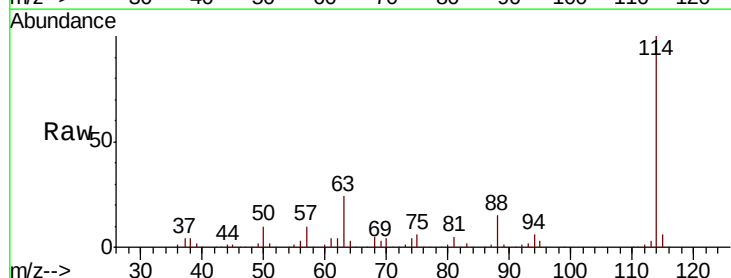
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

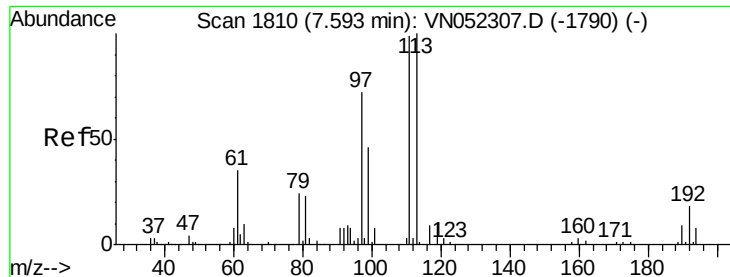
Tot Ion: 65 Resp: 229056
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion: 114 Resp: 509973
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 45.4
 88 15.4 0.0 31.2

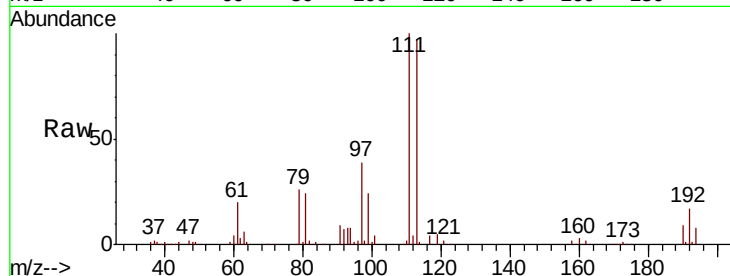




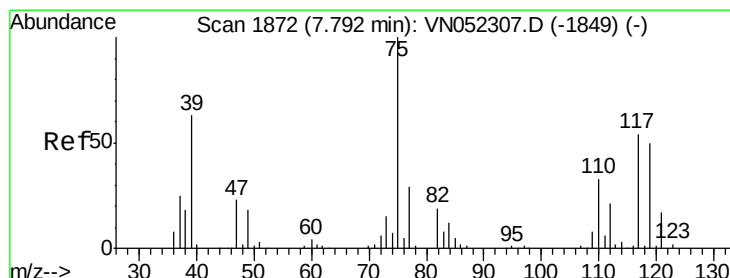
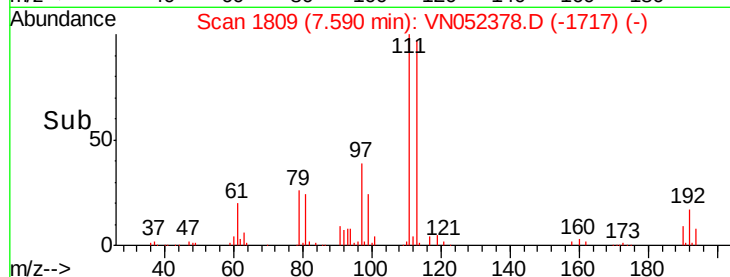
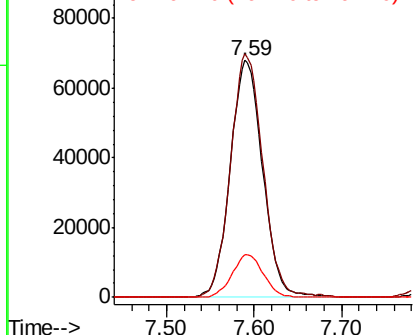
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion:113 Resp: 174770
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.6
 192 17.3 13.8 20.6

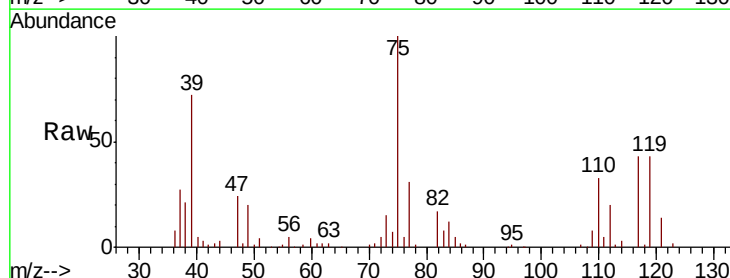


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

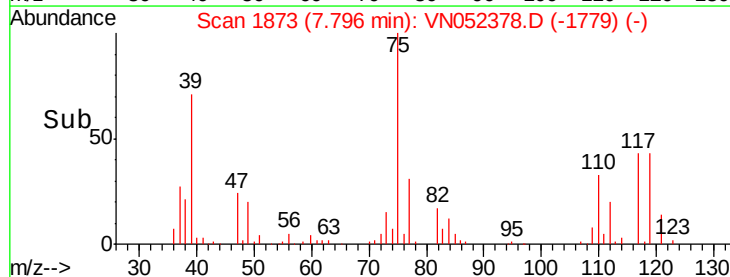
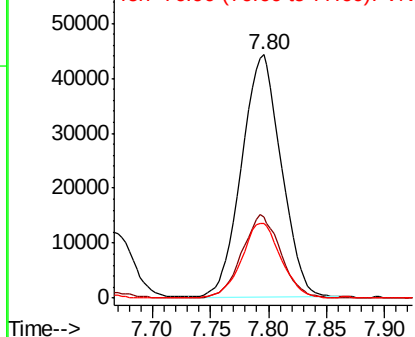


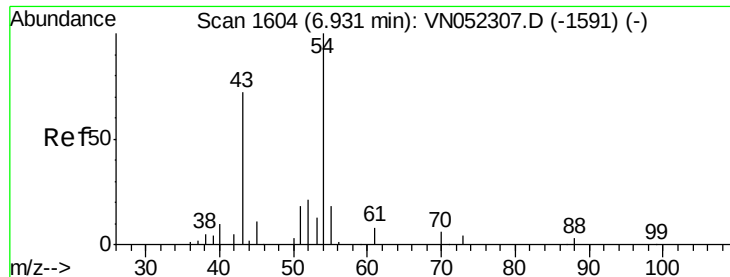
#36
 1,1-Dichloropropene
 Concen: 20.571 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion: 75 Resp: 105149
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.5 49.5
 77 30.9 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

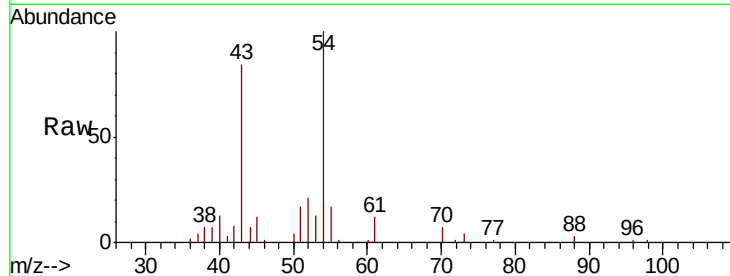




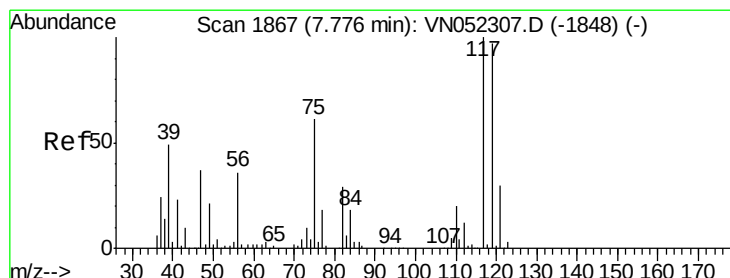
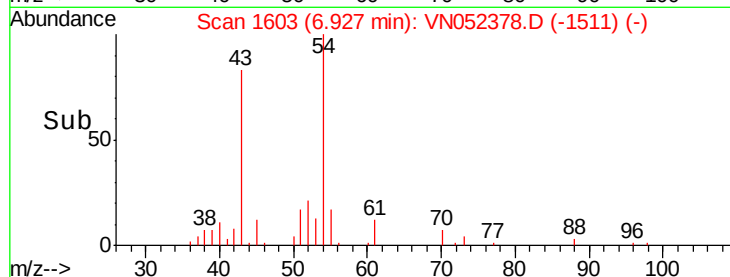
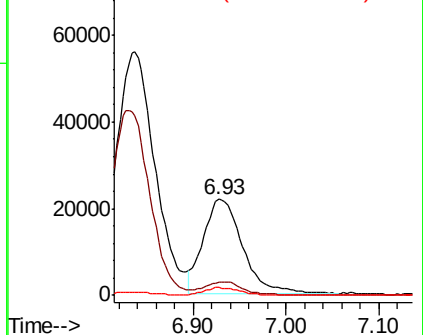
#37
Ethyl Acetate
Concen: 17.257 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion: 43 Resp: 64018
Ion Ratio Lower Upper
43 100
61 14.1 10.3 15.5
70 7.6 5.6 8.4

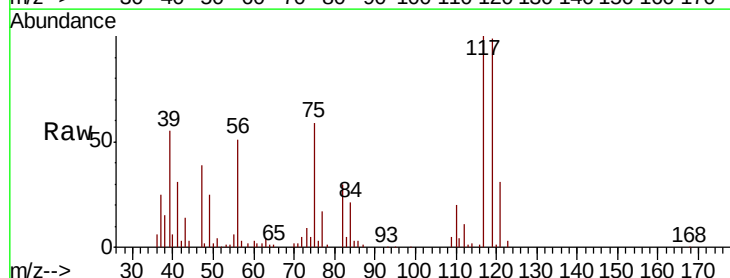


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

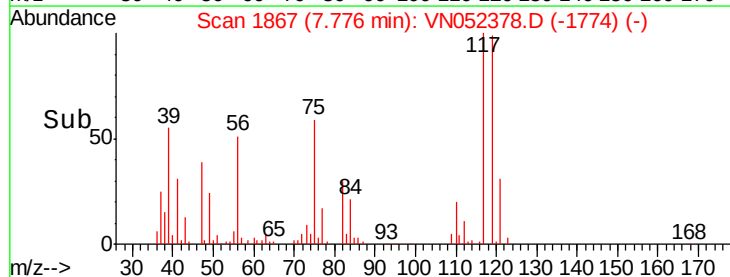
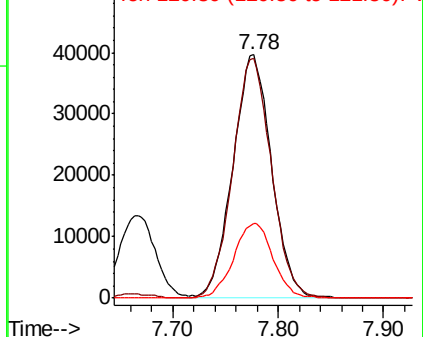


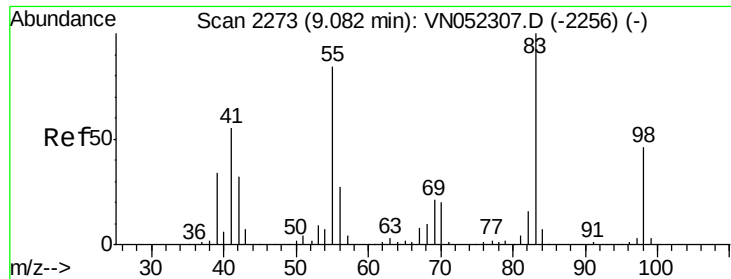
#38
Carbon Tetrachloride
Concen: 21.546 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion: 117 Resp: 101183
Ion Ratio Lower Upper
117 100
119 98.7 77.4 116.0
121 30.7 24.0 36.0



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

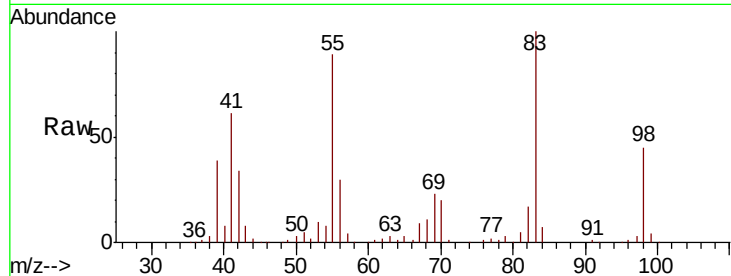




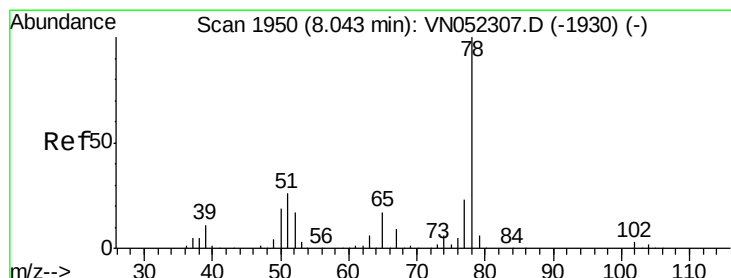
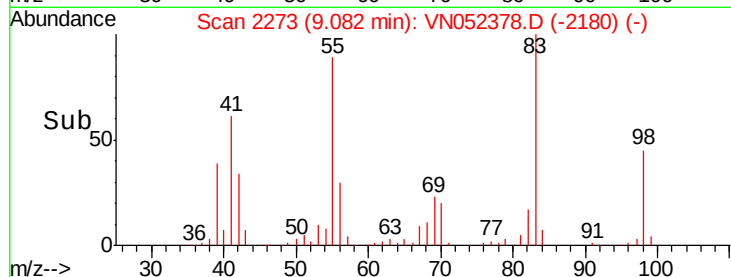
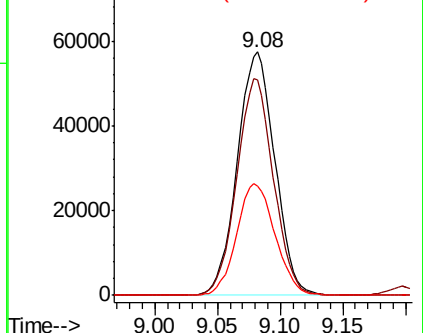
#39
Methylvlcyclohexane
Concen: 20.457 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion: 83 Resp: 119367
Ion Ratio Lower Upper
83 100
55 88.7 66.8 100.2
98 44.9 36.4 54.6

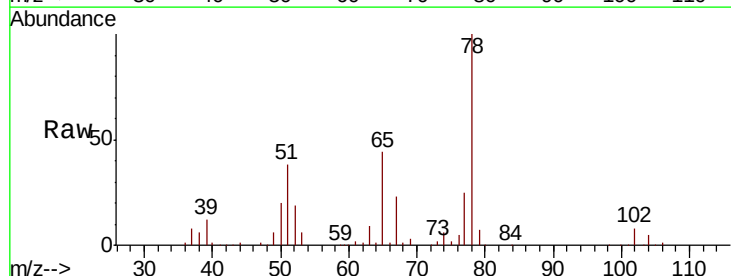


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

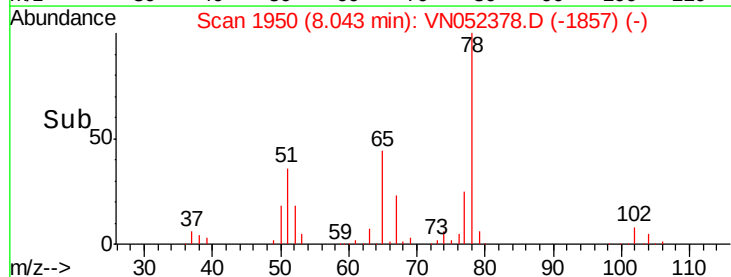
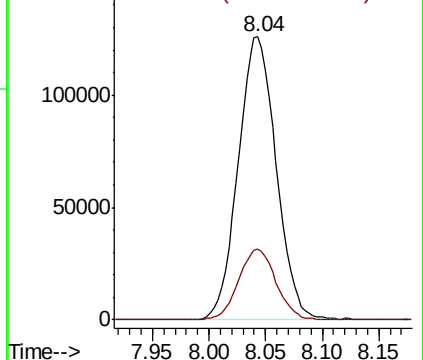


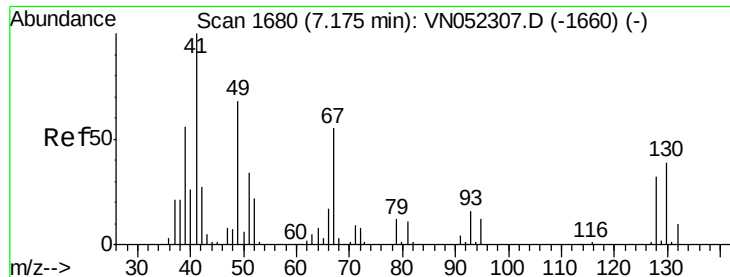
#40
Benzene
Concen: 20.165 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion: 78 Resp: 294457
Ion Ratio Lower Upper
78 100
77 25.2 18.7 28.1



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





#41

Methacrylonitrile

Concen: 20.015 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampled :

VN1119WBS01

Tot Ion: 41 Resp: 36306

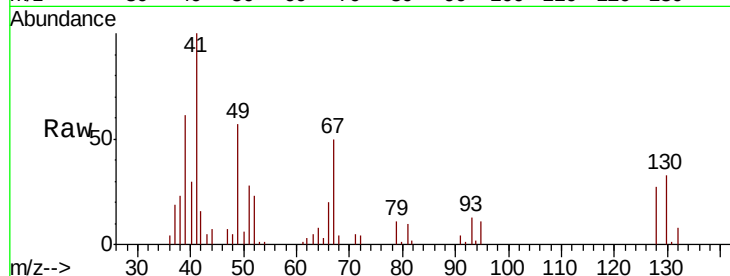
Ion Ratio Lower Upper

41 100

39 63.6 0.0 0.0#

67 71.8 0.0 0.0#

52 36.6 0.0 0.0#

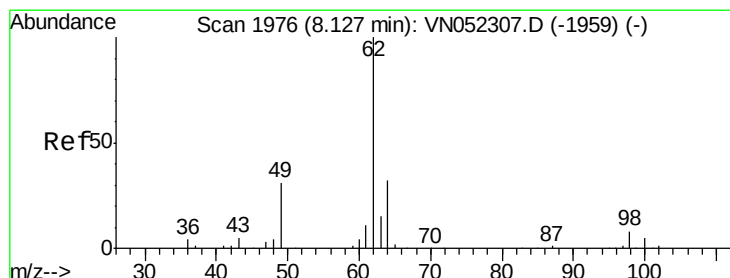
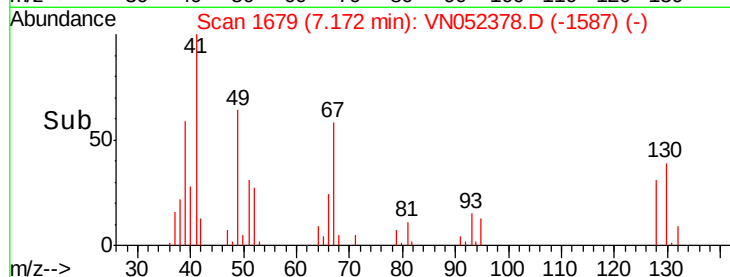
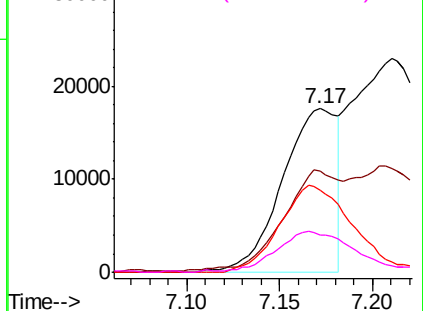


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 21.676 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN052378.D

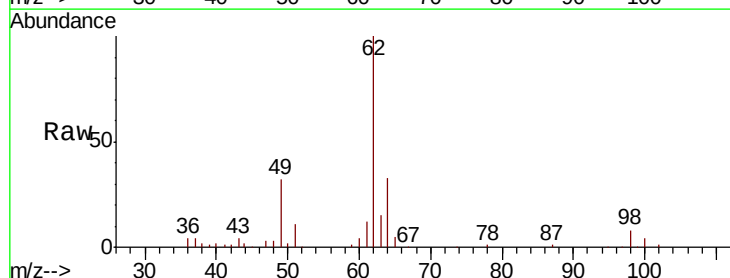
Acq: 19 Nov 2018 11:36

Tgt Ion: 62 Resp: 112869

Ion Ratio Lower Upper

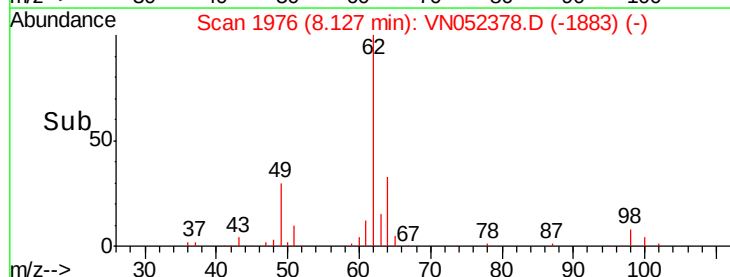
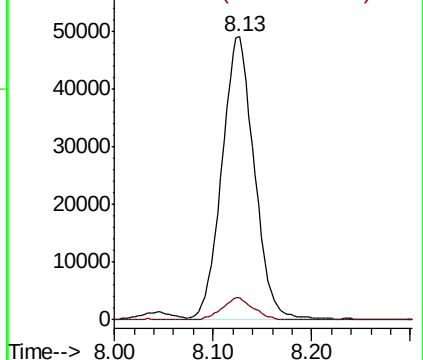
62 100

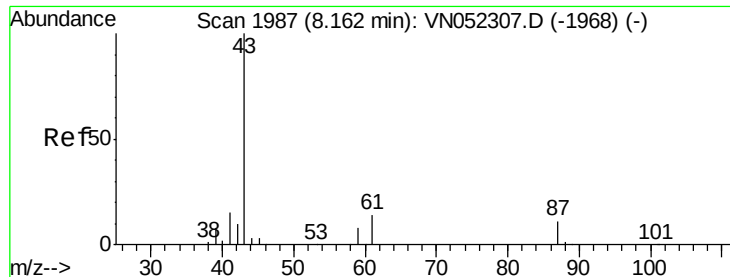
98 7.4 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 16.714 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

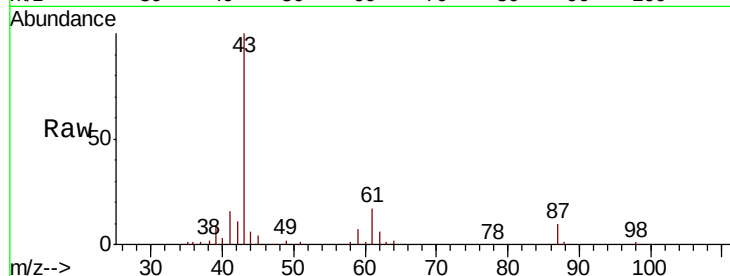
Tot Ion: 43 Resp: 119640

Ion Ratio Lower Upper

43 100

61 12.2 12.0 18.0

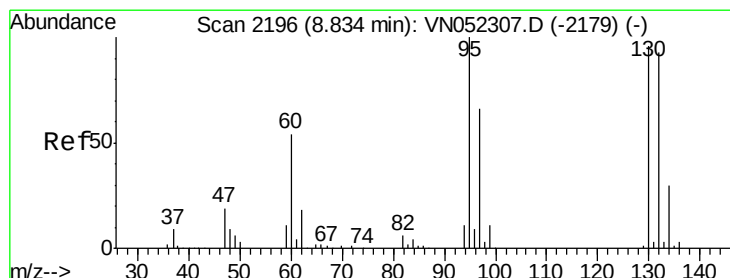
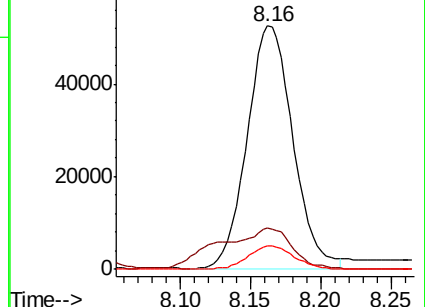
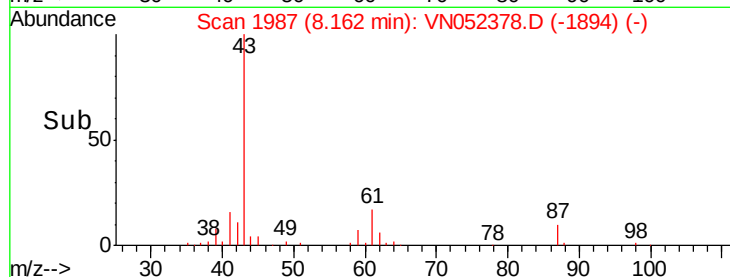
87 9.7 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052378.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN052378.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN052378.D (-2103) (-)



#44

Trichloroethene

Concen: 20.690 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052378.D

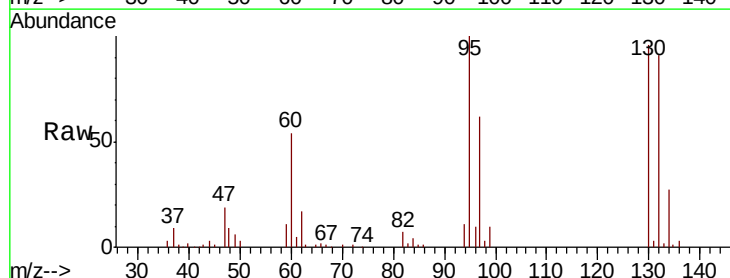
Acq: 19 Nov 2018 11:36

Tgt Ion:130 Resp: 74419

Ion Ratio Lower Upper

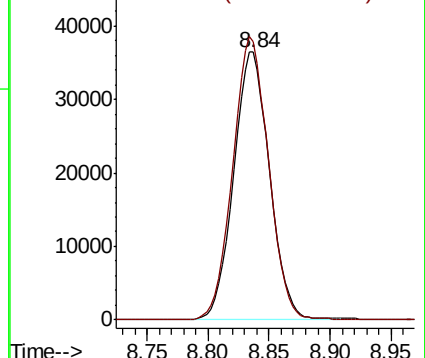
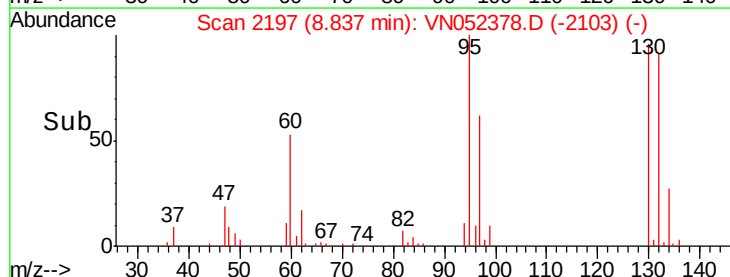
130 100

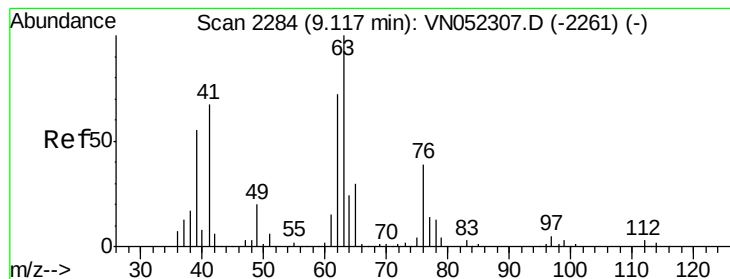
95 104.0 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052378.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN052378.D (-2103) (-)





#45

1,2-Dichloropropane

Concen: 19.877 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

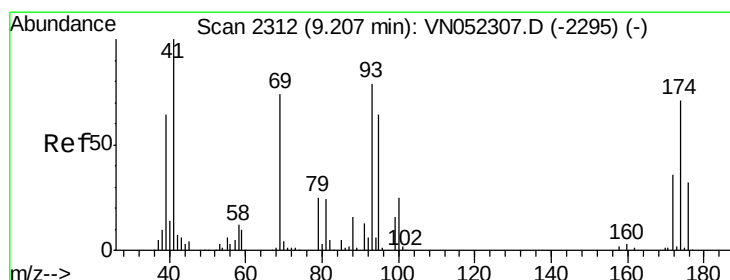
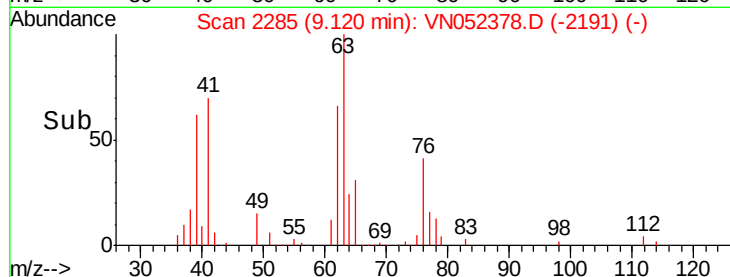
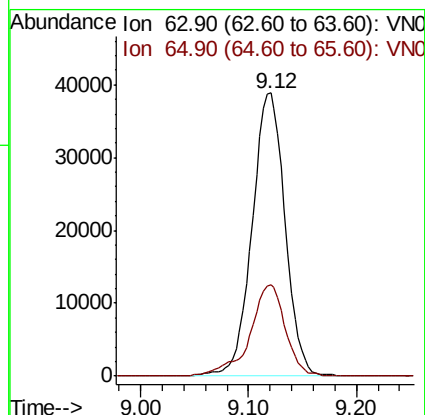
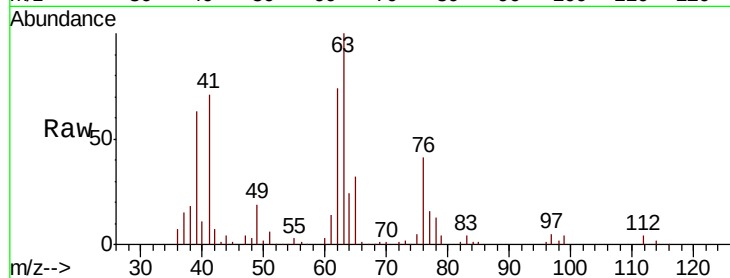
VN1119WBS01

Tot Ion: 63 Resp: 82371

Ion Ratio Lower Upper

63 100

65 32.5 24.2 36.4



#46

Dibromomethane

Concen: 19.887 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

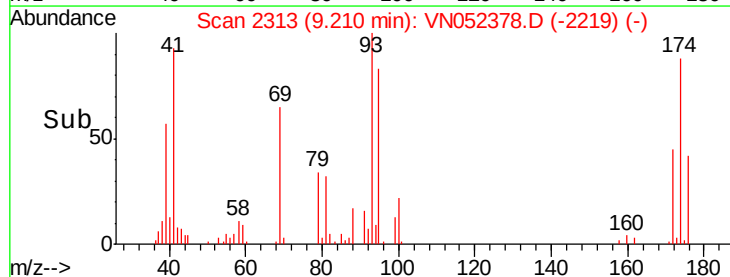
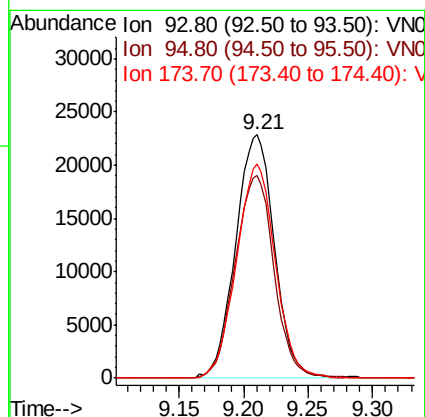
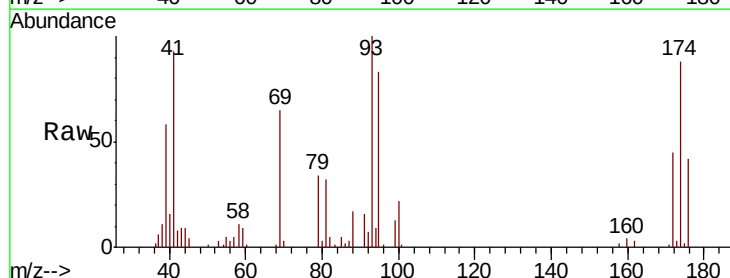
Tgt Ion: 93 Resp: 47709

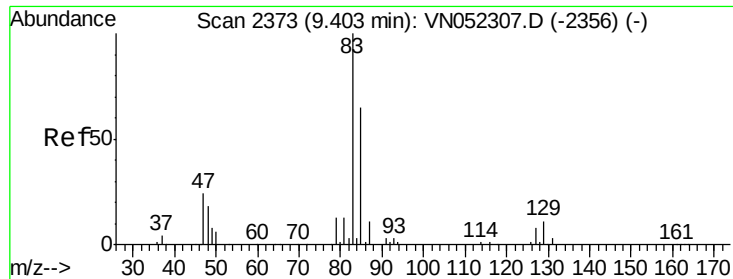
Ion Ratio Lower Upper

93 100

95 83.7 64.2 96.2

174 88.4 70.9 106.3





#47

Bromodichloromethane

Concen: 21.850 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

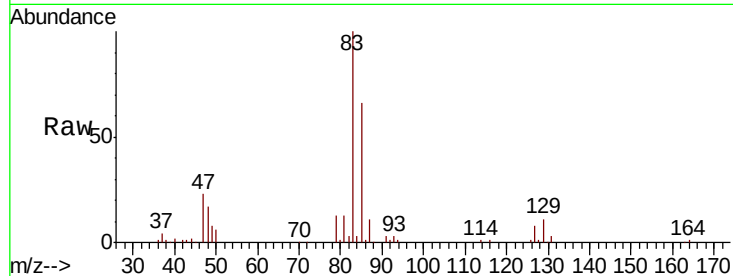
Tot Ion: 83 Resp: 107569

Ion Ratio Lower Upper

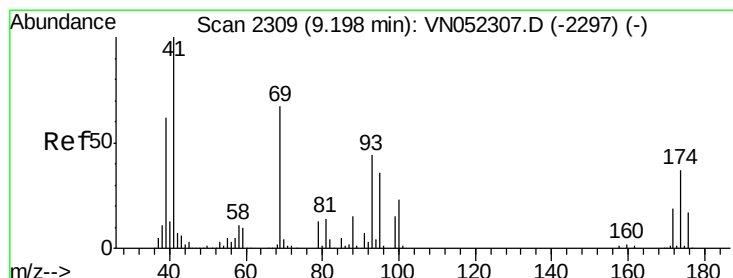
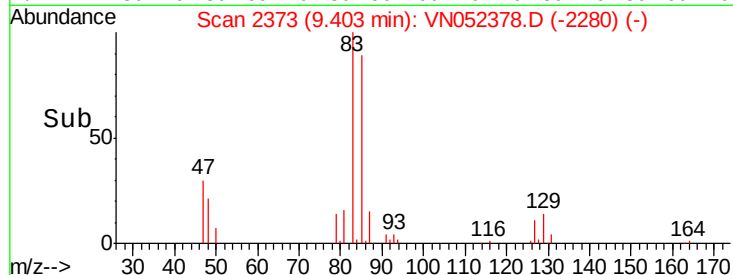
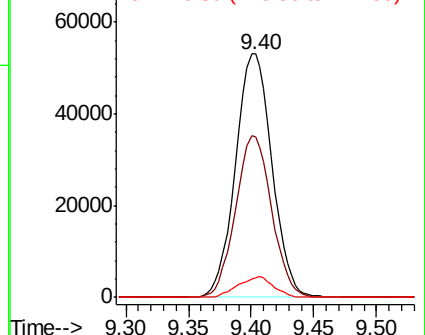
83 100

85 65.8 52.2 78.4

127 8.1 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: 16.450 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

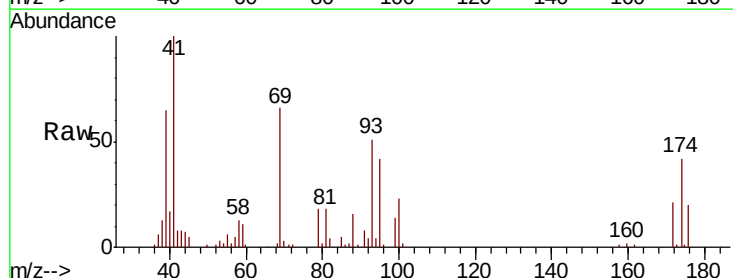
Tgt Ion: 41 Resp: 59750

Ion Ratio Lower Upper

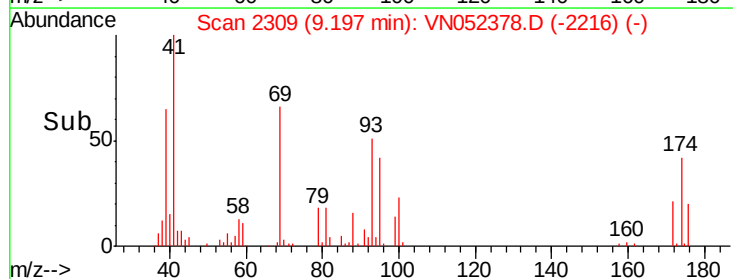
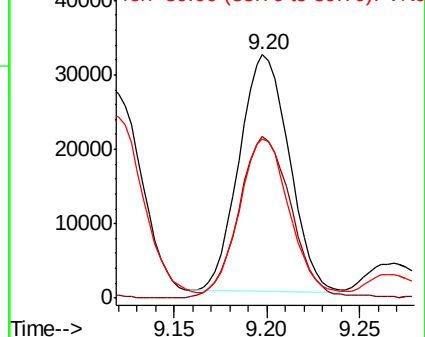
41 100

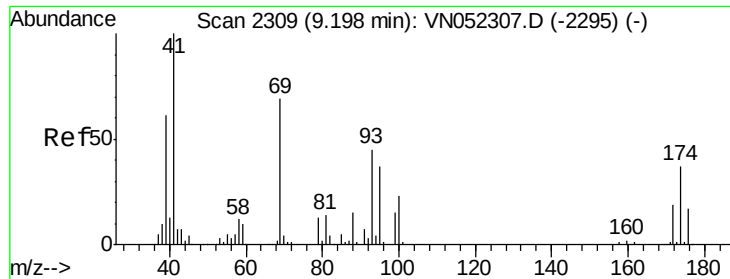
69 71.7 57.1 85.7

39 67.2 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

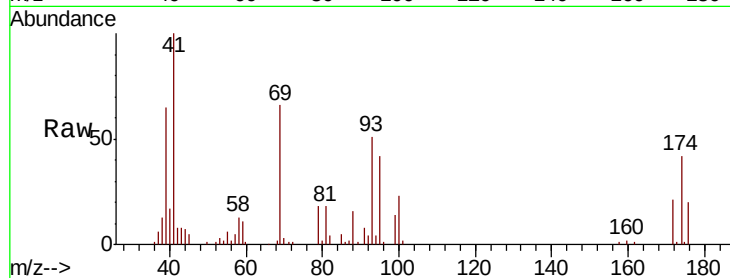




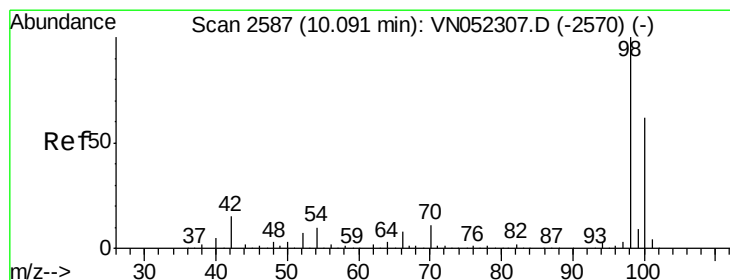
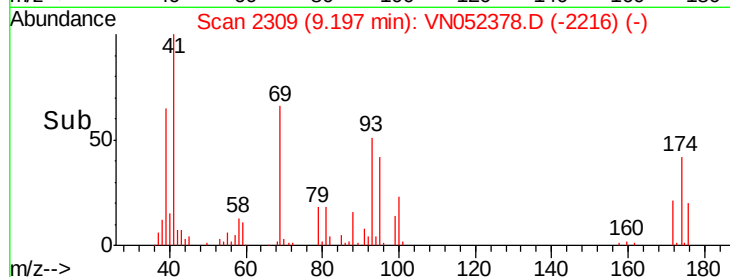
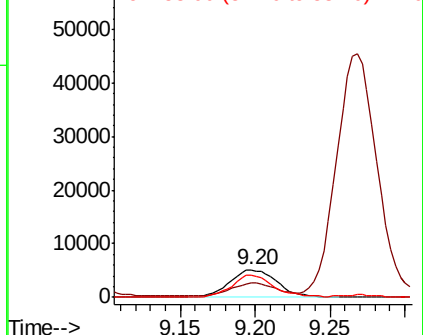
#49
1,4-Dioxane
Concen: 406.628 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion: 88 Resp: 11338
Ion Ratio Lower Upper
88 100
43 46.0 33.3 49.9
58 72.8 59.2 88.8

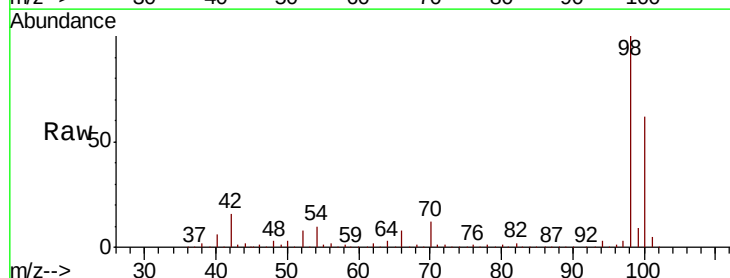


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

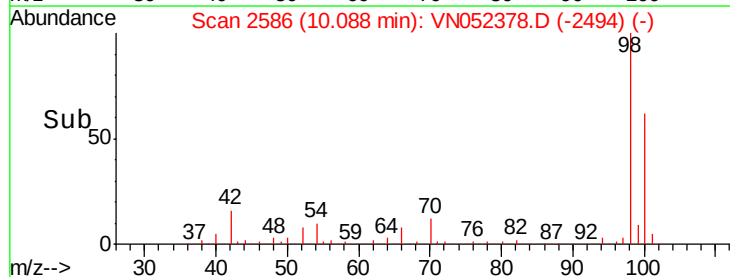
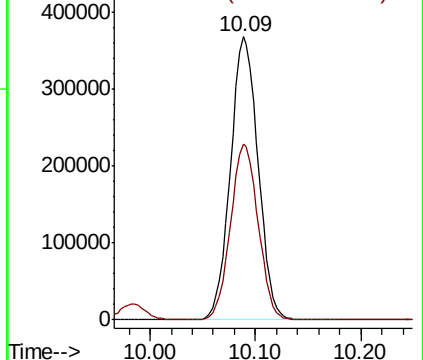


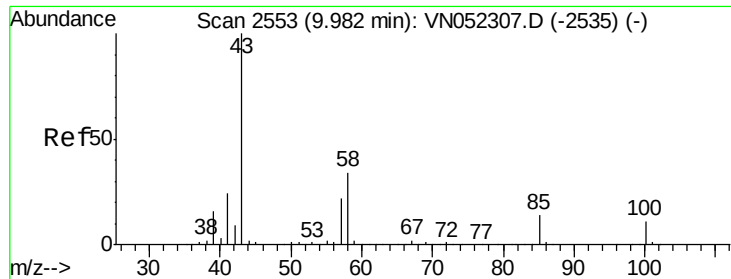
#50
Toluene-d8
Concen: 406.628 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion: 98 Resp: 666340
Ion Ratio Lower Upper
98 100
100 61.9 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: 95.653 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

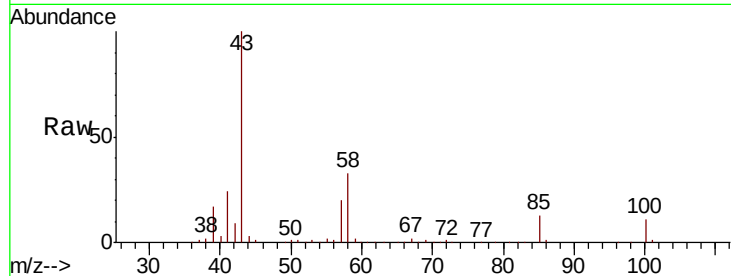
VN1119WBS01

Tot Ion: 43 Resp: 344664

Ion Ratio Lower Upper

43 100

58 33.5 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

200000

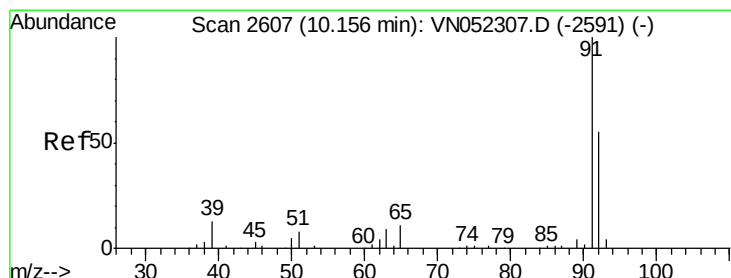
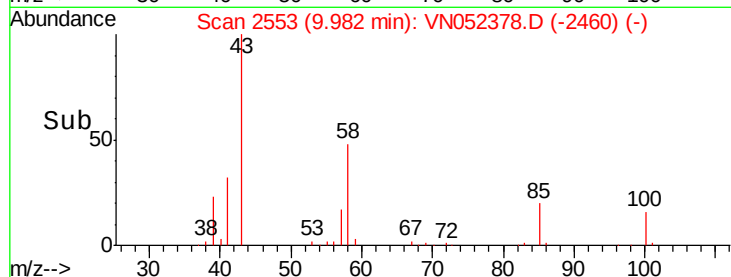
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.741 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN052378.D

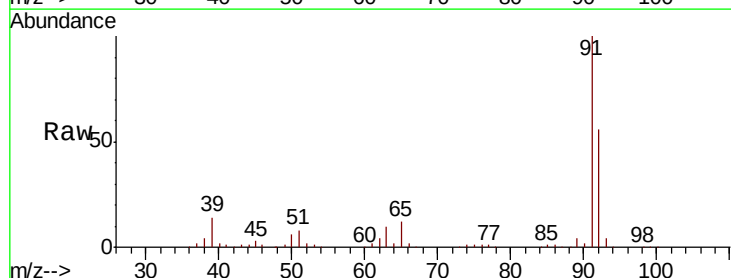
Acq: 19 Nov 2018 11:36

Tgt Ion: 92 Resp: 181183

Ion Ratio Lower Upper

92 100

91 178.0 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

200000

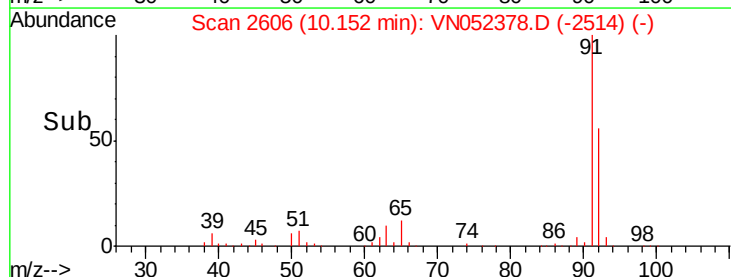
150000

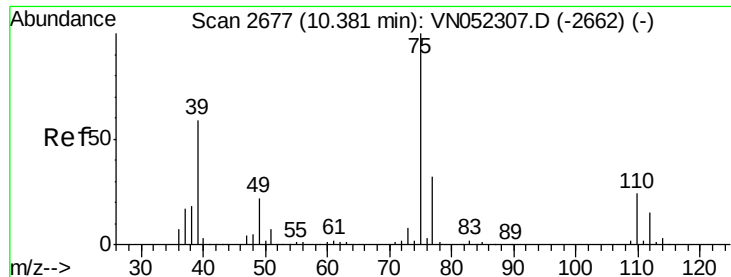
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 20.042 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

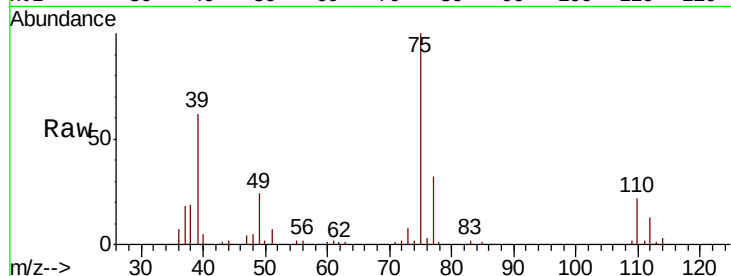
VN1119WBS01

Tot Ion: 75 Resp: 99510

Ion Ratio Lower Upper

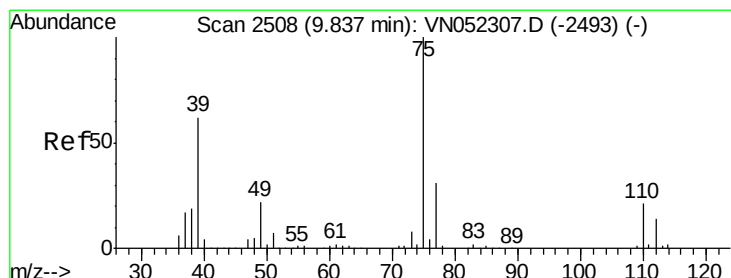
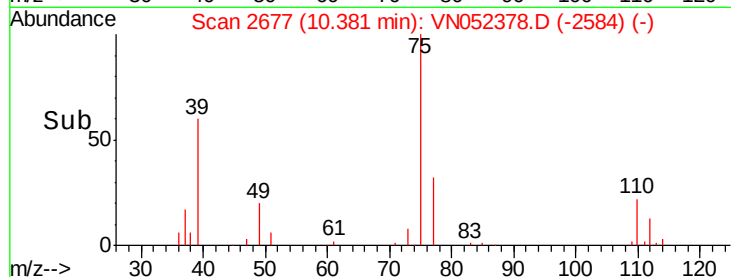
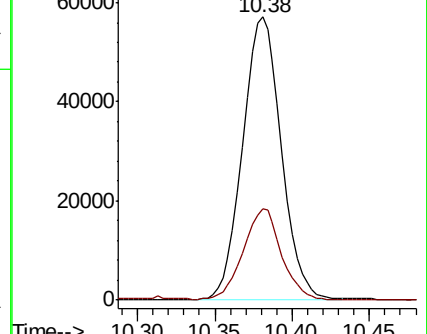
75 100

77 31.8 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.804 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

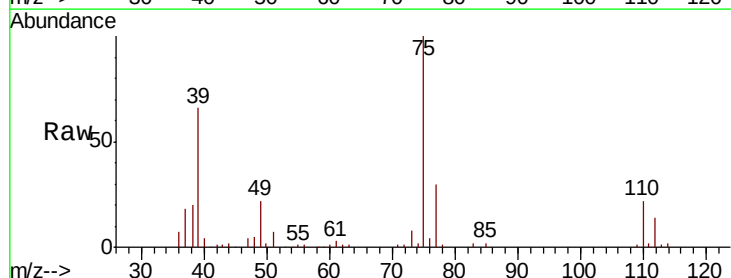
Tgt Ion: 75 Resp: 117749

Ion Ratio Lower Upper

75 100

77 30.3 24.6 36.8

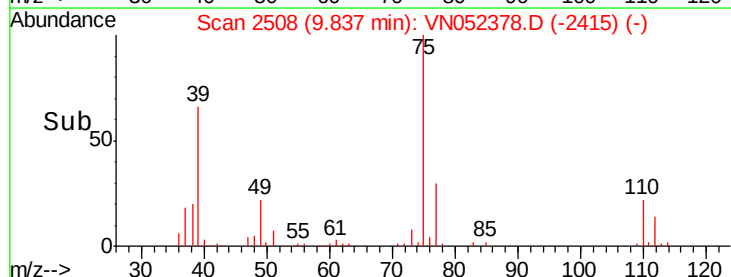
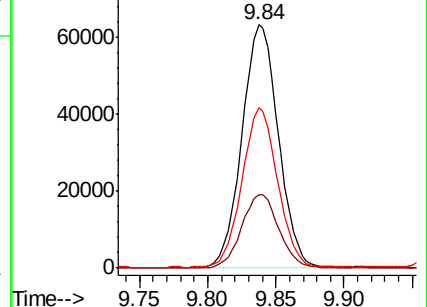
39 65.5 49.9 74.9

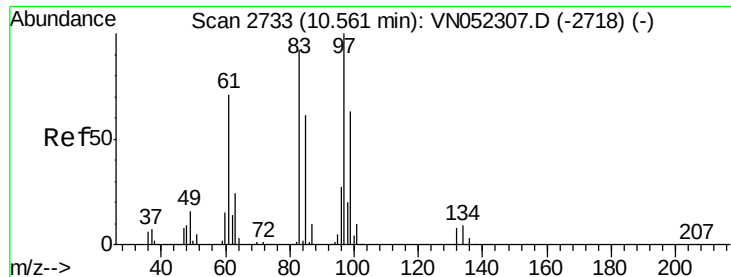


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

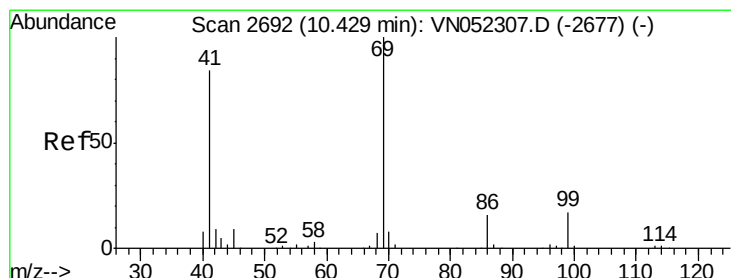
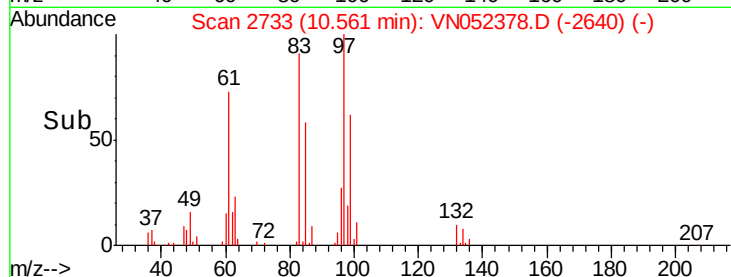
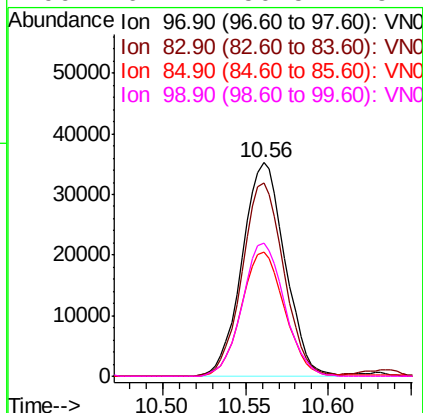
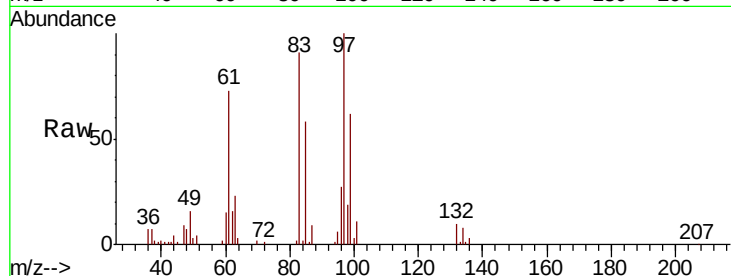




#55
 1,1,2-Trichloroethane
 Concen: 20.010 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

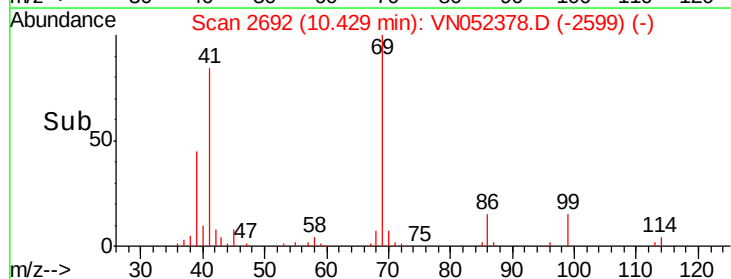
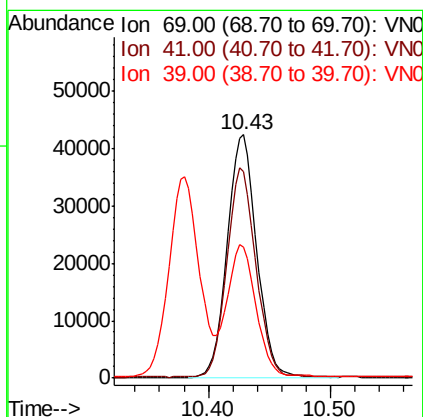
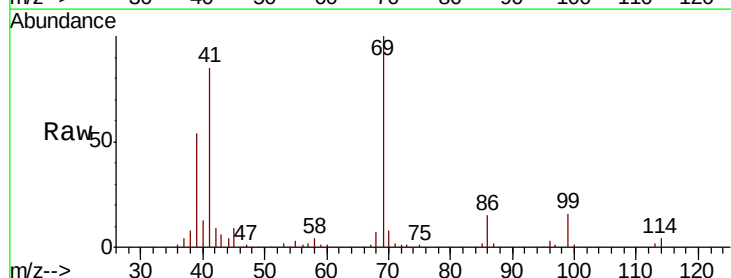
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

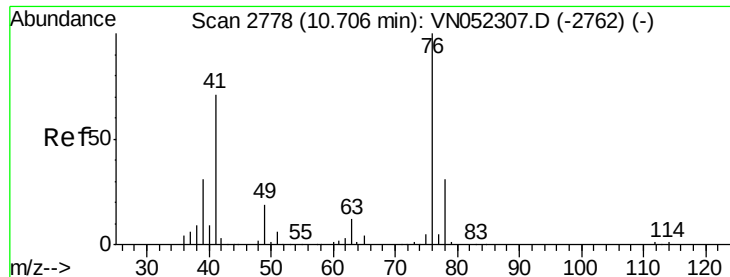
Tot Ion: 97 Resp: 63364
 Ion Ratio Lower Upper
 97 100
 83 90.5 73.8 110.6
 85 58.0 49.0 73.4
 99 62.1 50.5 75.7



#56
 Ethyl methacrylate
 Concen: 17.305 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion: 69 Resp: 72069
 Ion Ratio Lower Upper
 69 100
 41 84.0 64.8 97.2
 39 51.0 41.0 61.6

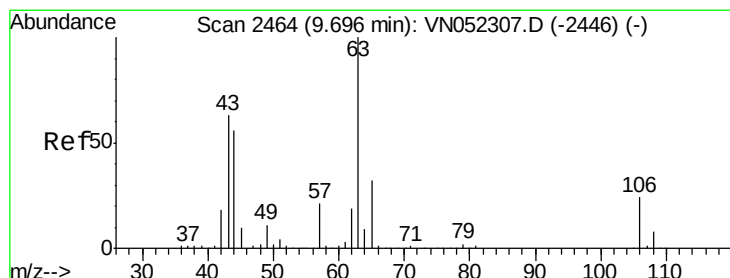
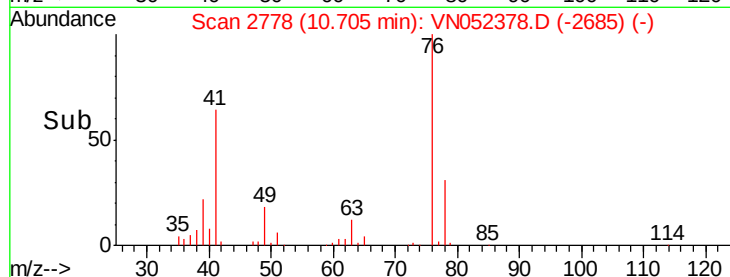
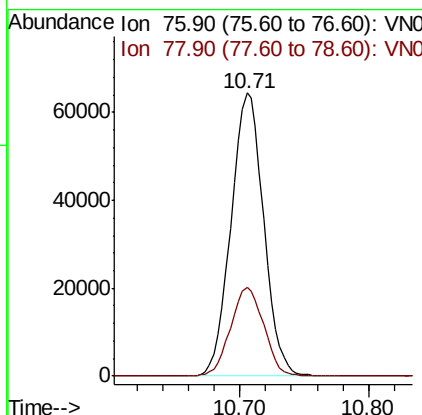
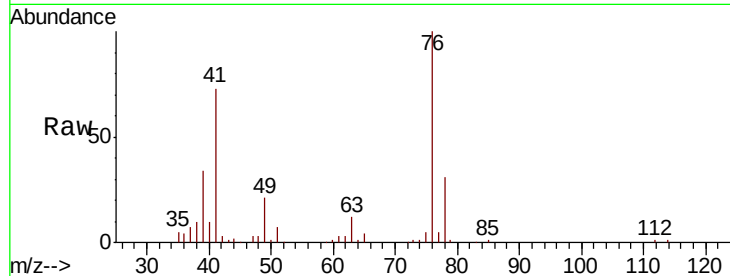




#57
 1,3-Dichloropropane
 Concen: 20.185 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

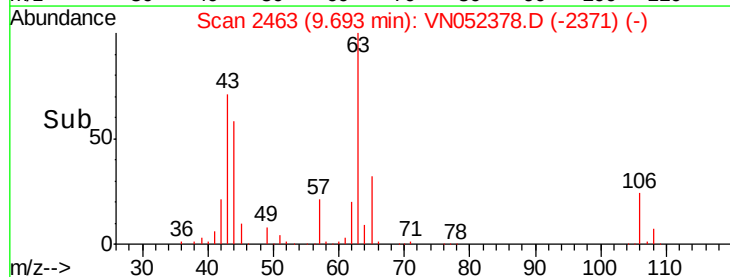
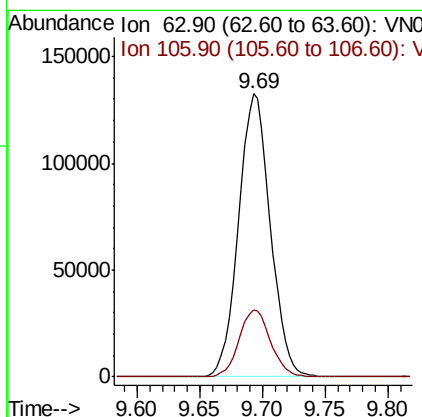
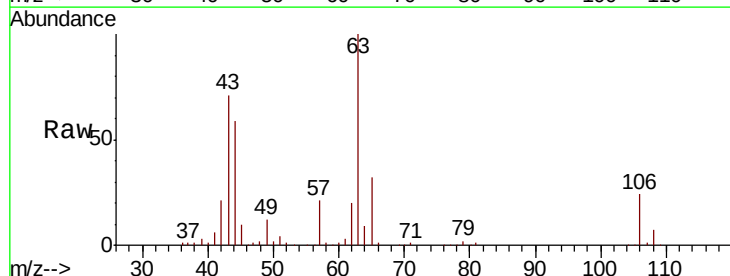
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

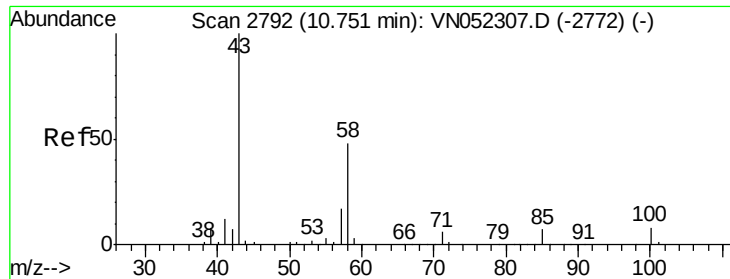
Tot Ion: 76 Resp: 113219
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 98.553 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion: 63 Resp: 233670
 Ion Ratio Lower Upper
 63 100
 106 23.5 19.3 28.9

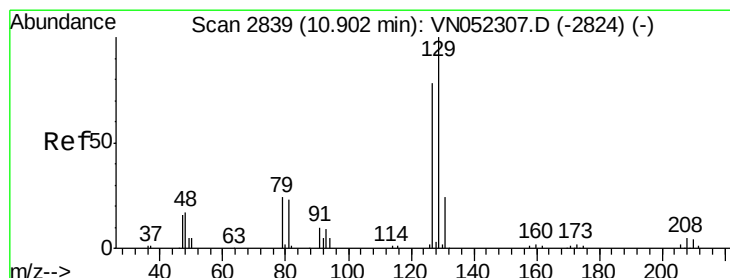
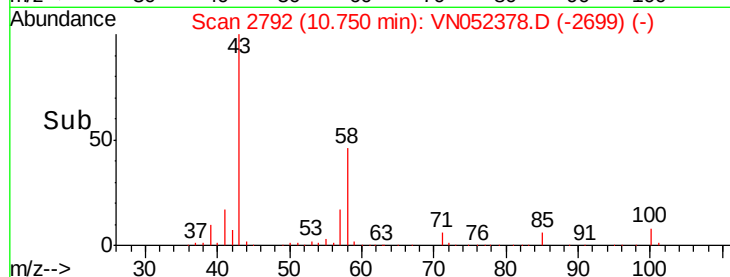
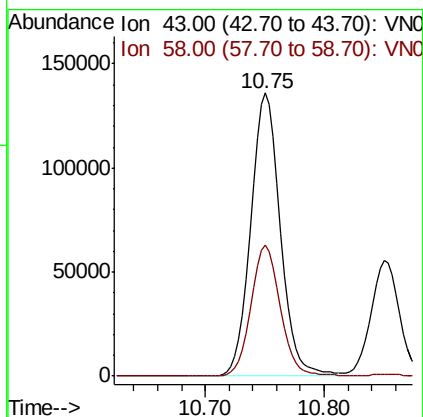
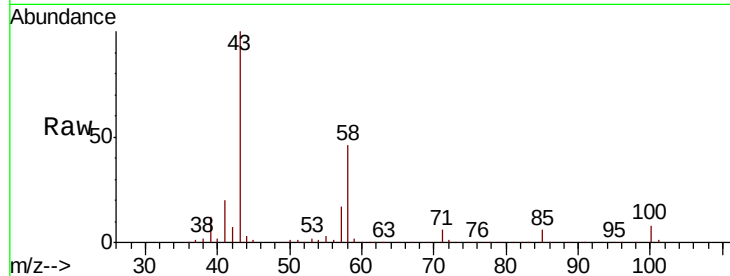




#59
2-Hexanone
Concen: 94.379 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

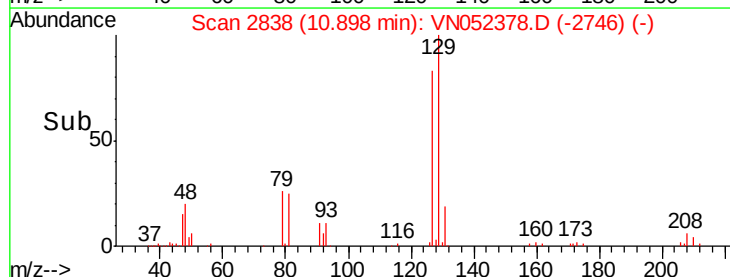
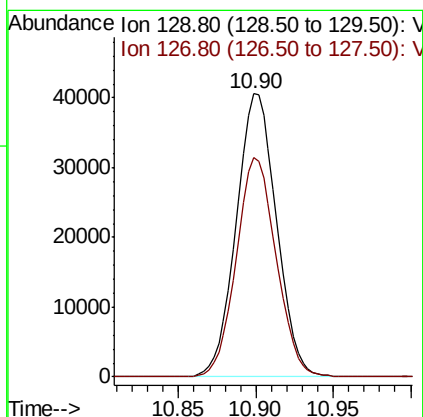
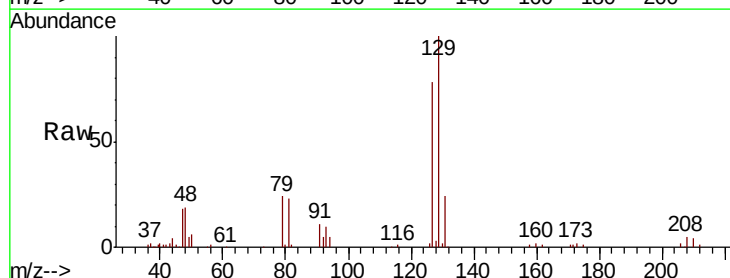
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

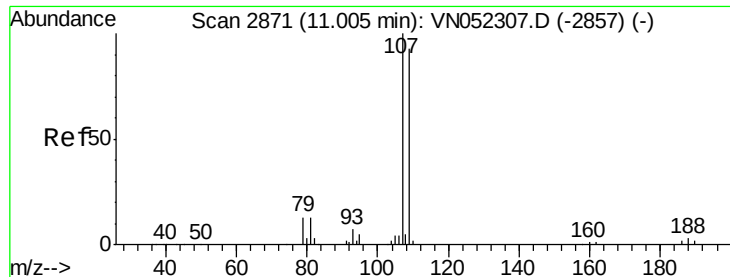
Tot Ion: 43 Resp: 233912
Ion Ratio Lower Upper
43 100
58 45.8 23.5 70.6



#60
Dibromochloromethane
Concen: 21.465 ug/l
RT: 10.90 min Scan# 2838
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion: 129 Resp: 73544
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

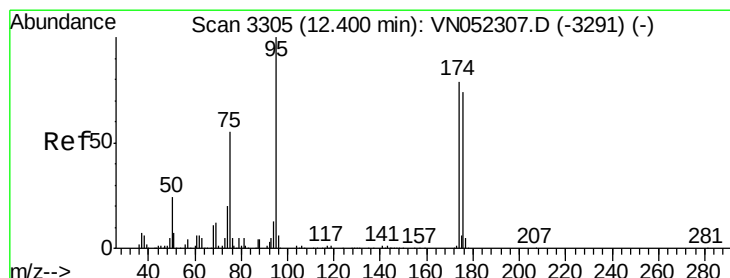
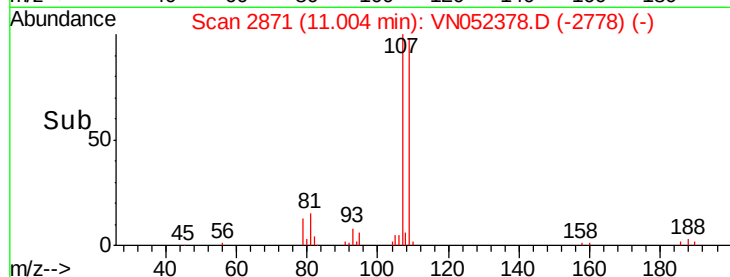
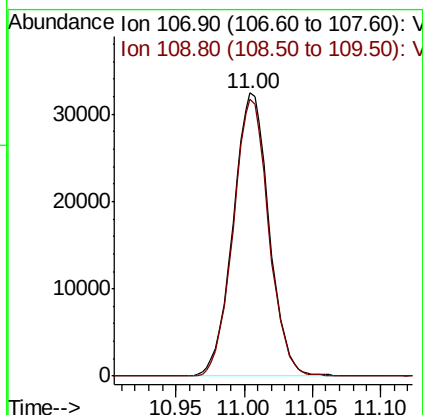
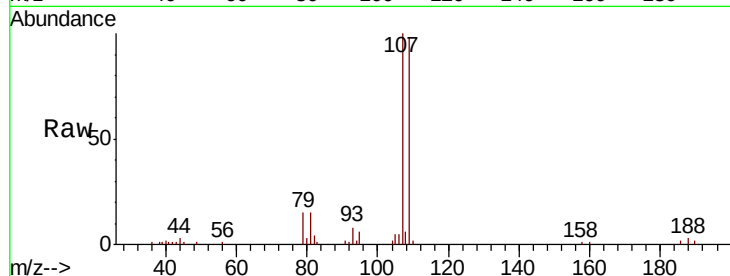




#61
 1,2-Dibromoethane
 Concen: 18.795 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

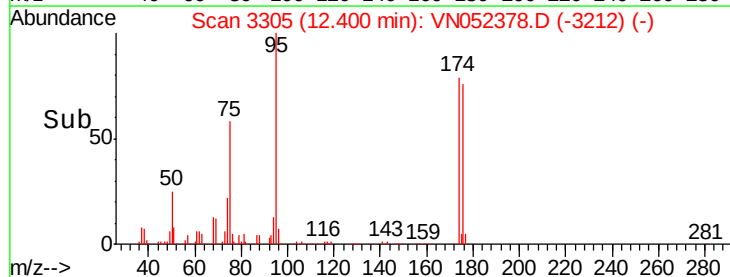
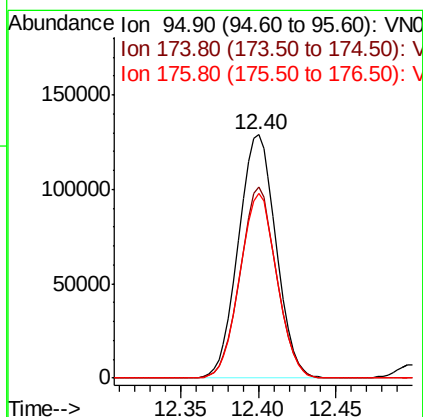
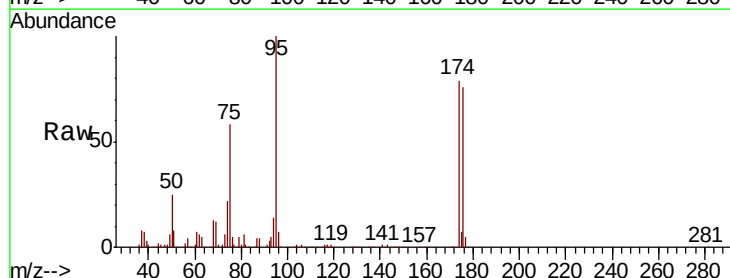
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

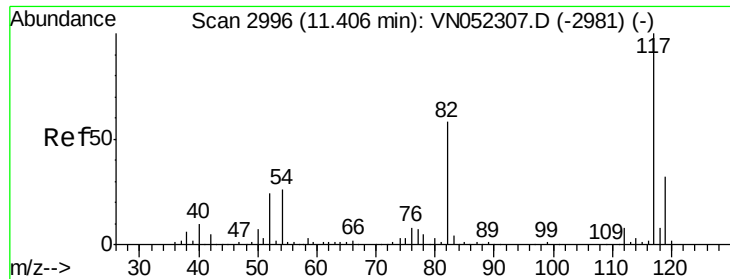
Tot Ion: 107 Resp: 59286
 Ion Ratio Lower Upper
 107 100
 109 96.4 74.9 112.3



#62
 4-Bromofluorobenzene
 Concen: 18.795 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion: 95 Resp: 218278
 Ion Ratio Lower Upper
 95 100
 174 75.8 0.0 156.0
 176 74.7 0.0 148.4

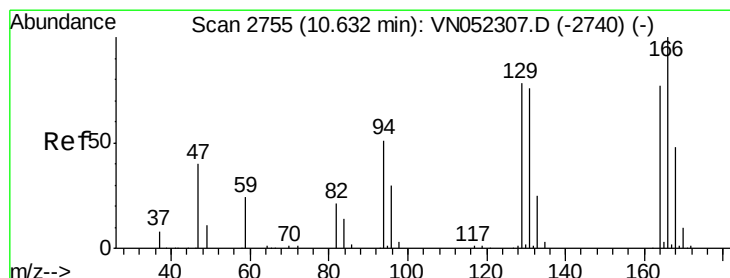
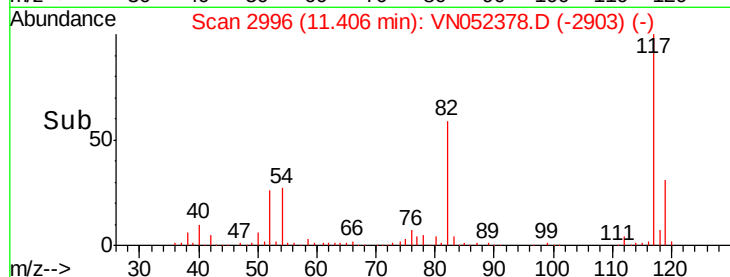
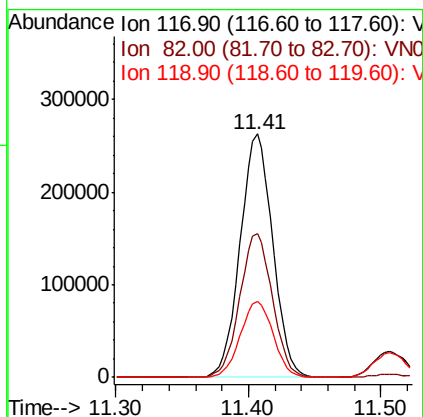
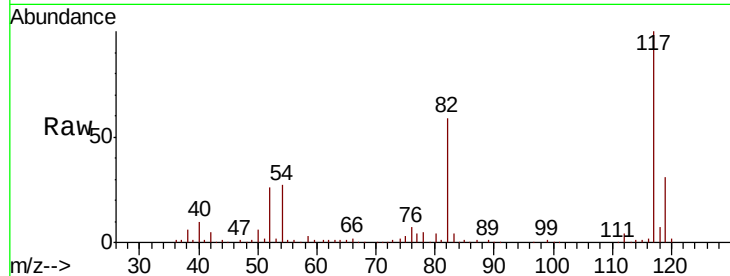




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

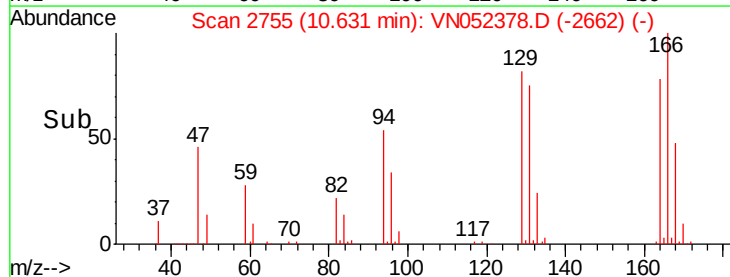
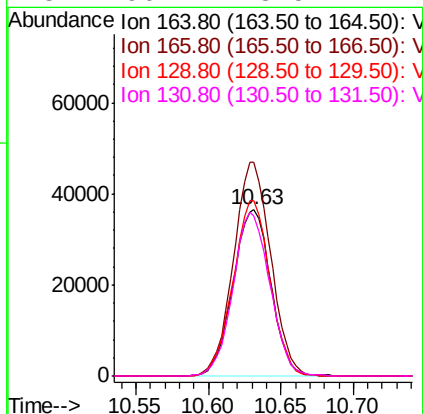
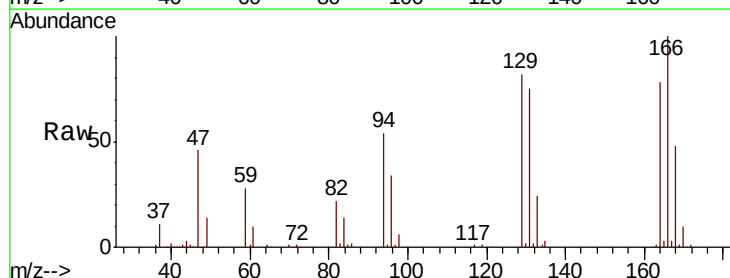
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

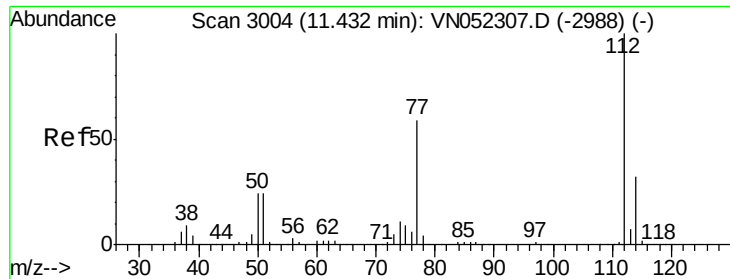
Tot Ion:117 Resp: 448341
Ion Ratio Lower Upper
117 100
82 59.3 46.5 69.7
119 31.0 25.7 38.5



#64
Tetrachloroethene
Concen: 20.716 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion:164 Resp: 66030
Ion Ratio Lower Upper
164 100
166 128.6 103.8 155.6
129 105.8 80.7 121.1
131 96.2 78.5 117.7

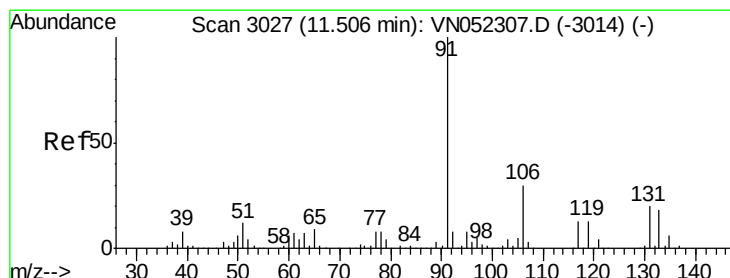
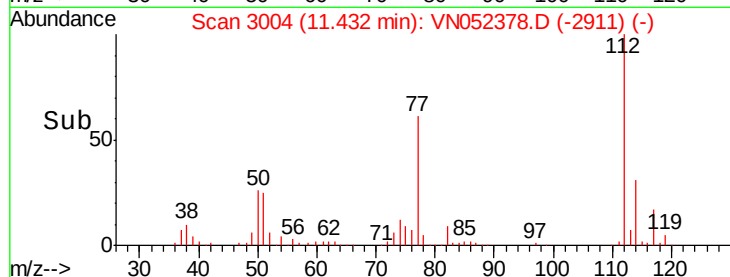
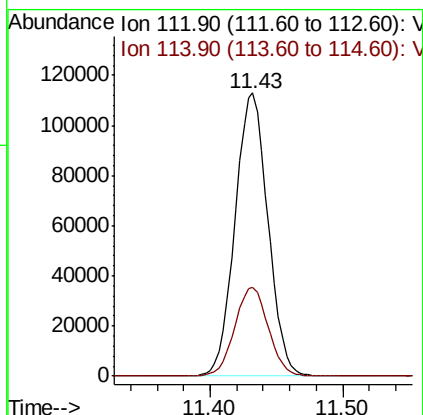
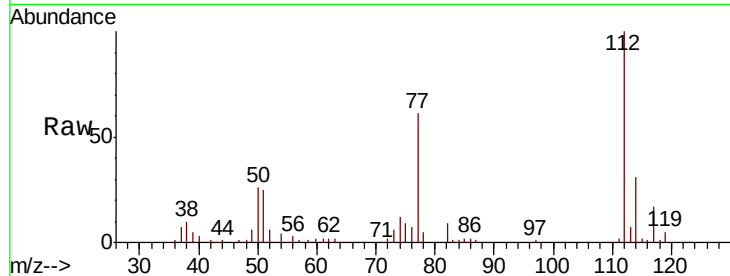




#65
Chlorobenzene
Concen: 20.527 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

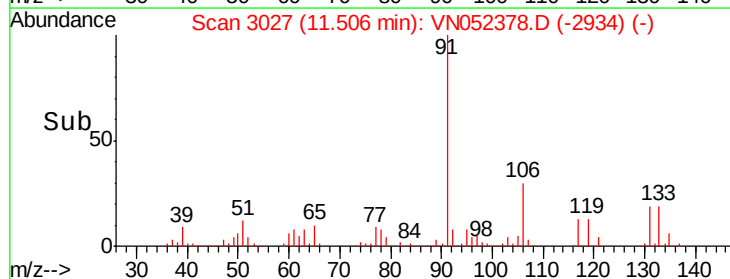
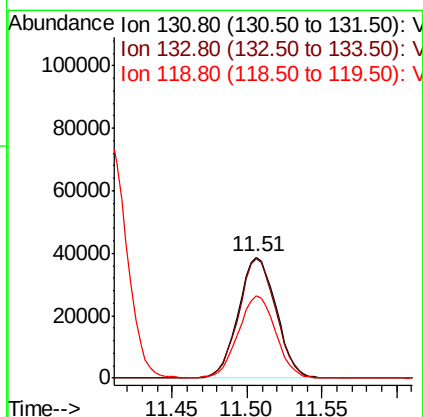
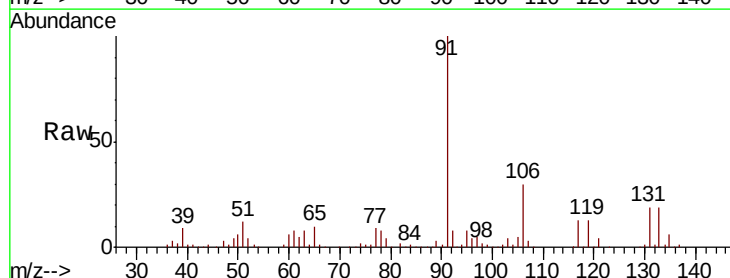
Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

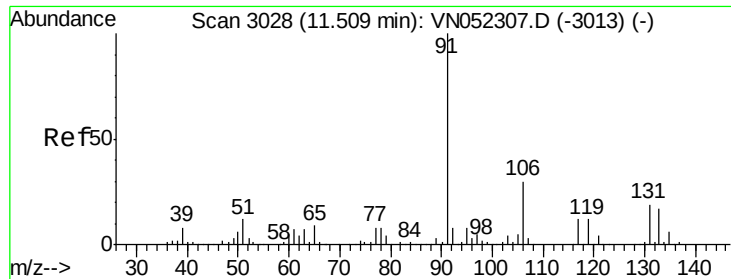
Tot Ion:112 Resp: 194531
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.154 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion:131 Resp: 68363
Ion Ratio Lower Upper
131 100
133 97.0 47.4 142.3
119 66.9 33.3 99.9

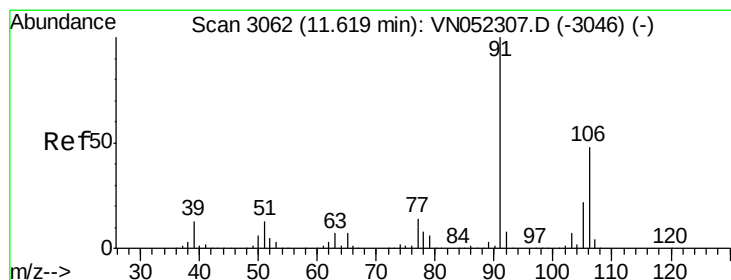
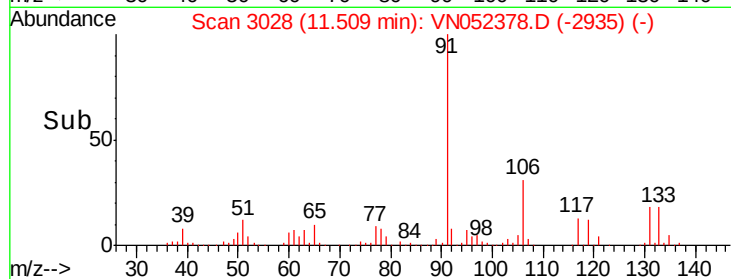
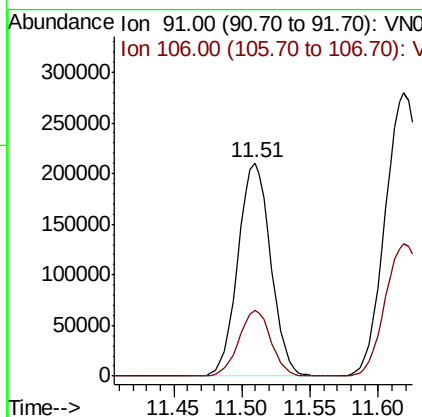
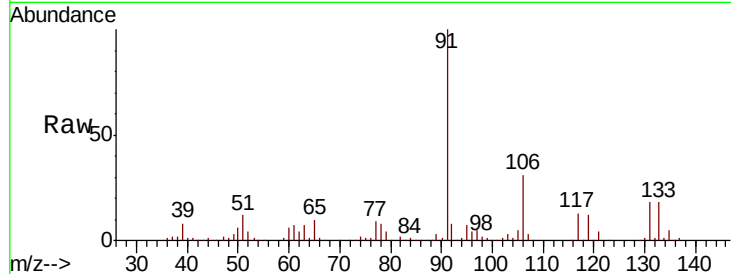




#67
Ethyl Benzene
Concen: 21.337 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

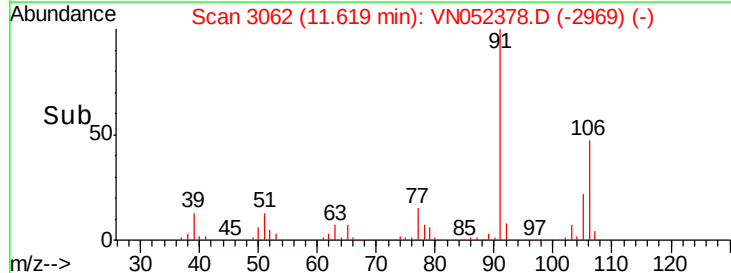
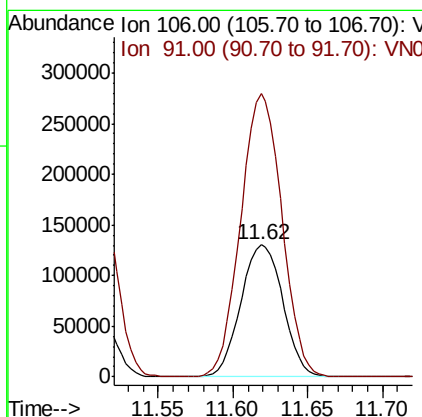
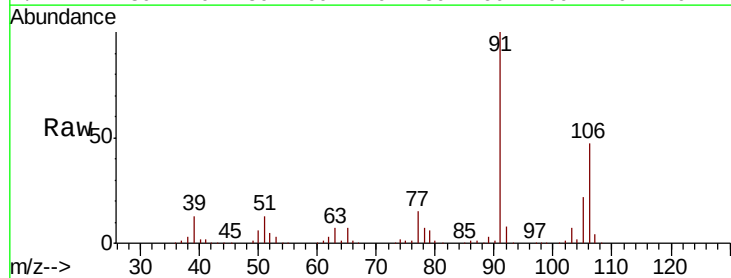
Instrument :
MSVOA_N
ClientSampled :
VN1119WBS01

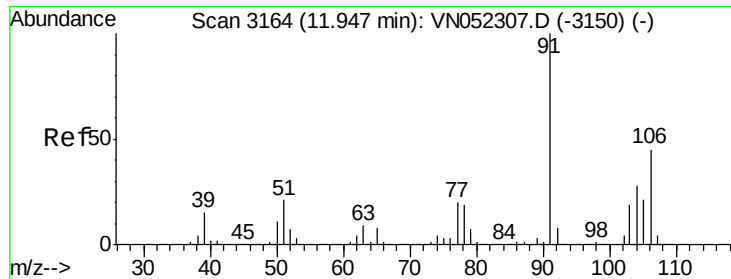
Tot Ion: 91 Resp: 350951
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.2



#68
m/p-Xylenes
Concen: 42.550 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion: 106 Resp: 255713
Ion Ratio Lower Upper
106 100
91 210.0 165.5 248.3

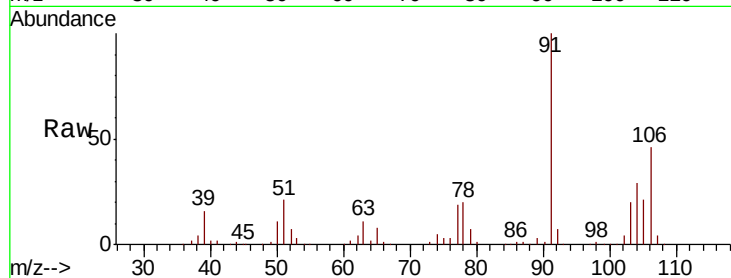




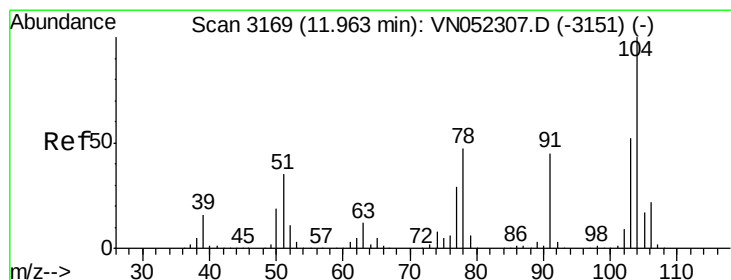
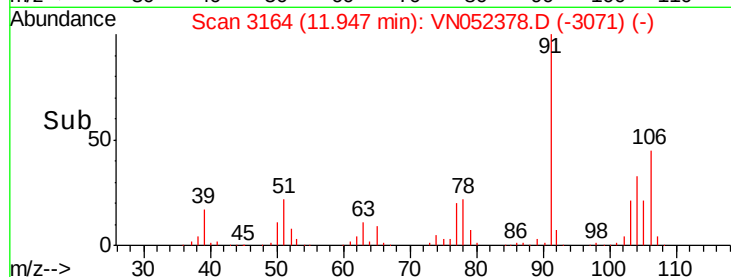
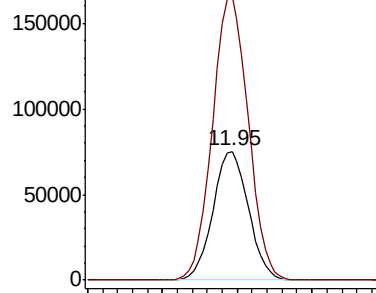
#69
o-Xylene
Concen: 21.573 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion:106 Resp: 124278
Ion Ratio Lower Upper
106 100
91 222.3 110.0 330.0

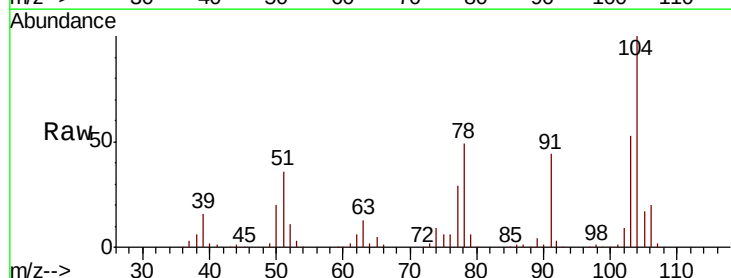


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

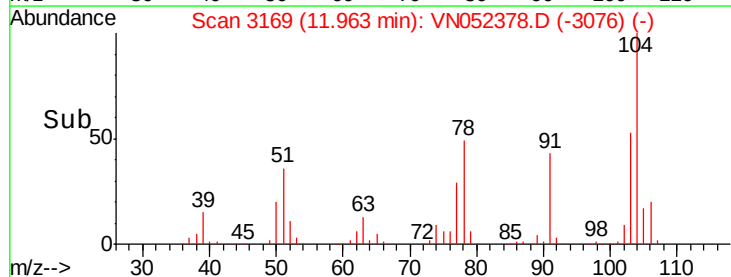
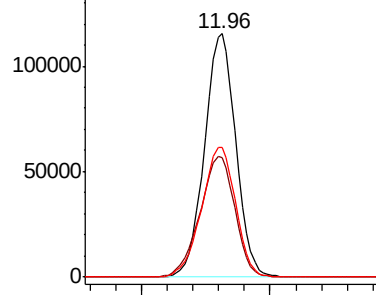


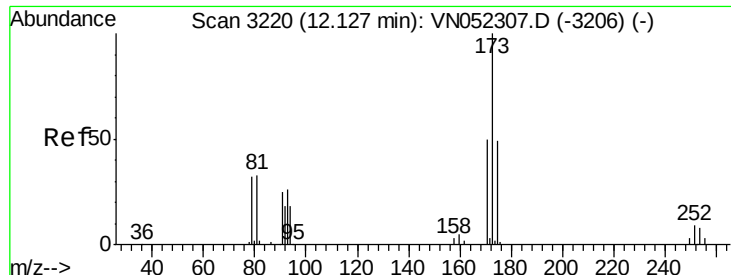
#70
Styrene
Concen: 21.033 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion:104 Resp: 194015
Ion Ratio Lower Upper
104 100
78 55.5 42.7 64.1
103 58.0 45.4 68.0



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

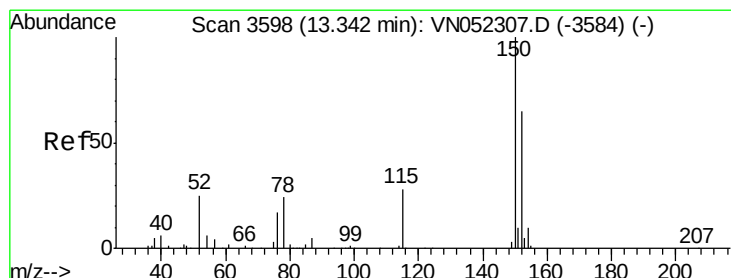
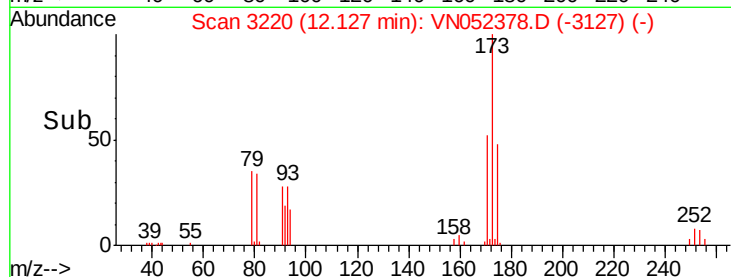
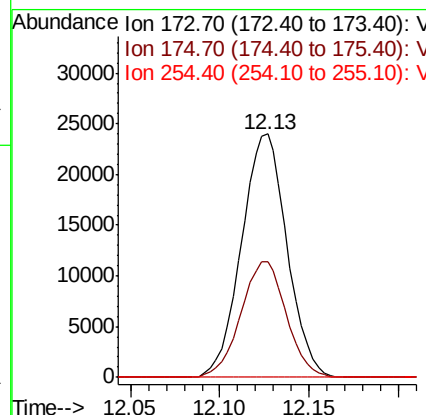
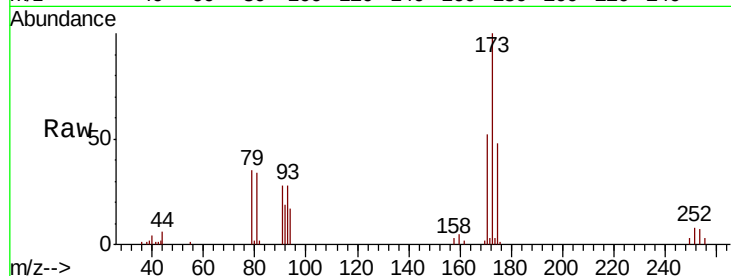




#71
 Bromoform
 Concen: 22.347 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

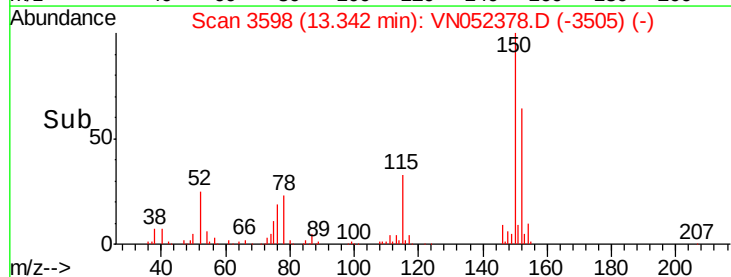
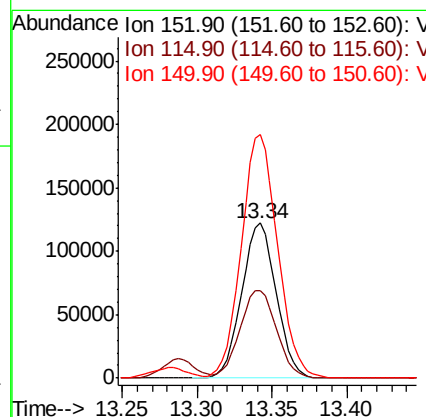
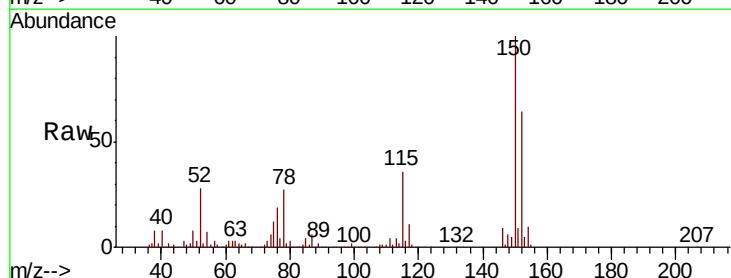
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

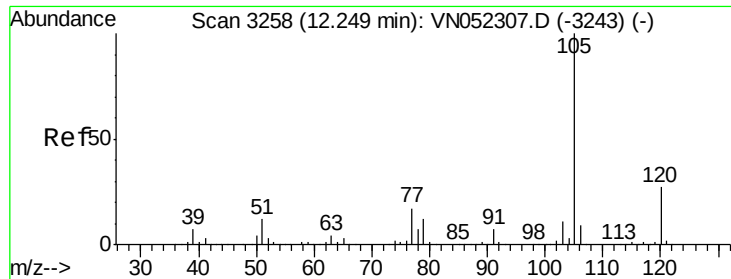
Tot Ion:173 Resp: 42640
 Ion Ratio Lower Upper
 173 100
 175 47.5 25.0 75.0
 254 0.0 0.0 0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion:152 Resp: 196056
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.3 91.0
 150 165.1 0.0 348.2





#73

Isopropylbenzene

Concen: 21.563 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

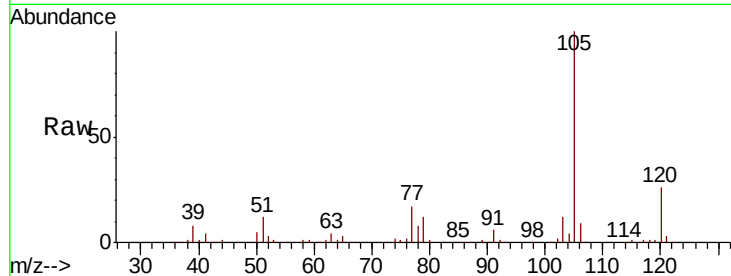
VN1119WBS01

Tot Ion:105 Resp: 339889

Ion Ratio Lower Upper

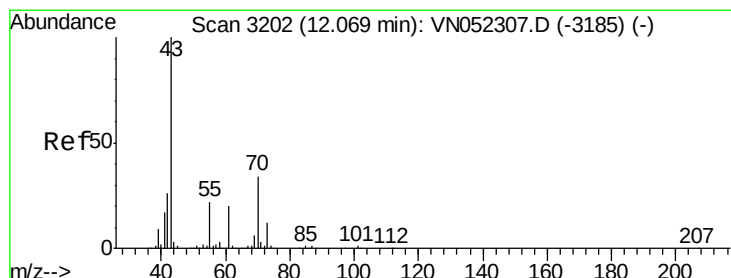
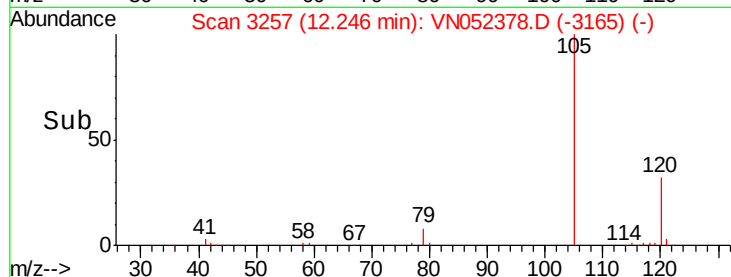
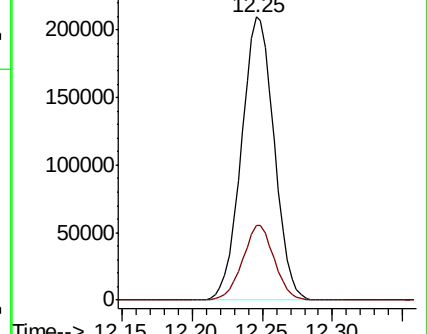
105 100

120 25.6 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.479 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Tgt Ion: 43 Resp: 92521

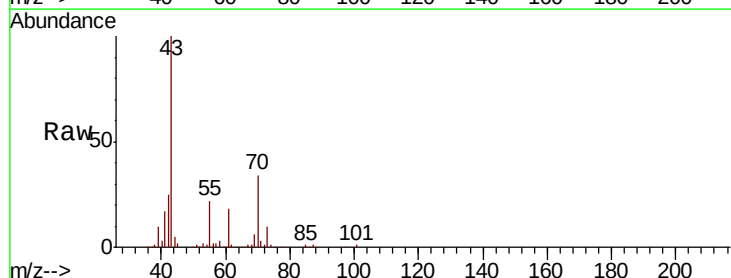
Ion Ratio Lower Upper

43 100

70 34.5 27.1 40.7

55 22.7 17.4 26.0

61 19.2 16.1 24.1

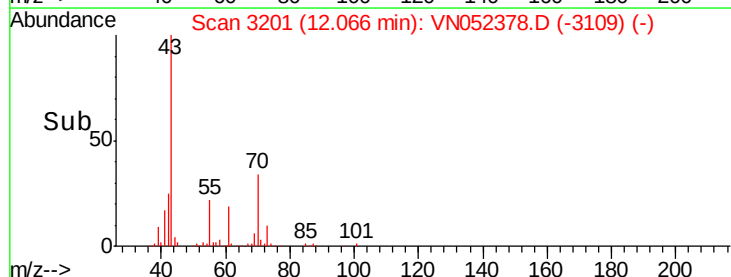
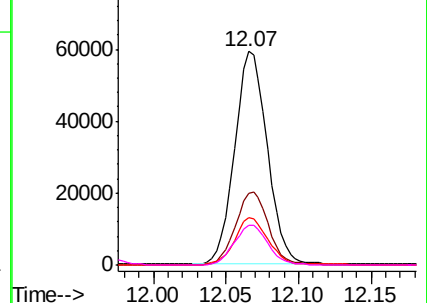


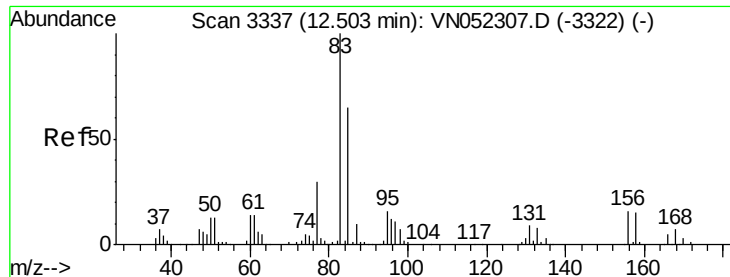
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

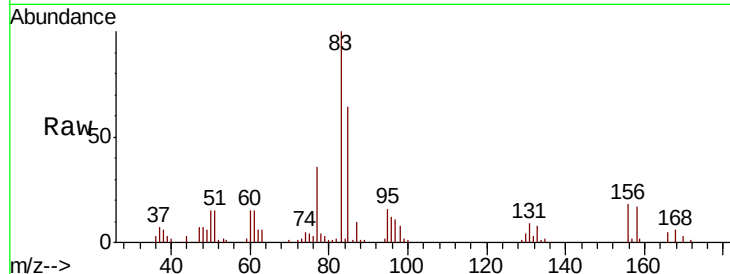




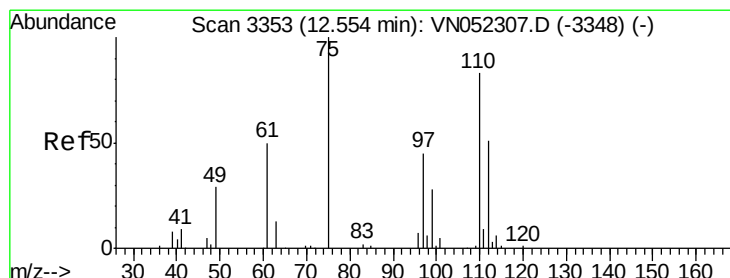
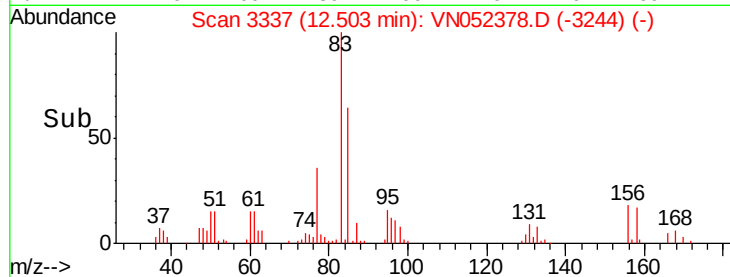
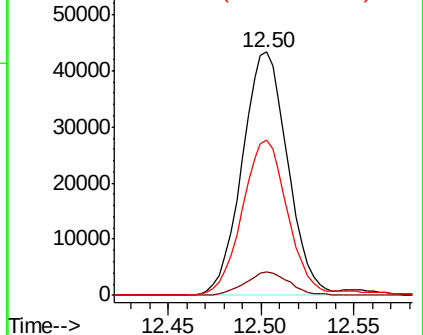
#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.417 ug/l
 RT: 12.50 min Scan# 3337
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

Tot Ion	83	Resp	73986
Ion Ratio	100		
Lower	4.7		
Upper	14.1		
85	64.7		
	32.4		
	97.2		

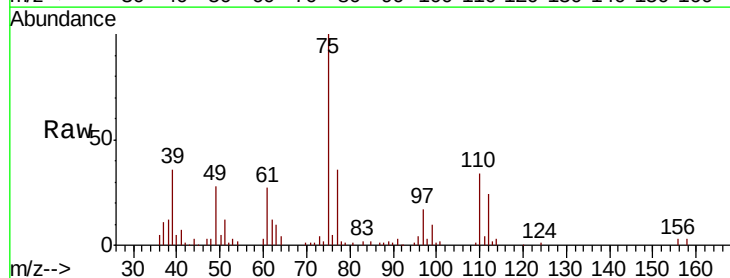


Abundance Ion 82.90 (82.60 to 83.60): VNO
 Ion 130.80 (130.50 to 131.50): VNO
 Ion 84.90 (84.60 to 85.60): VNO

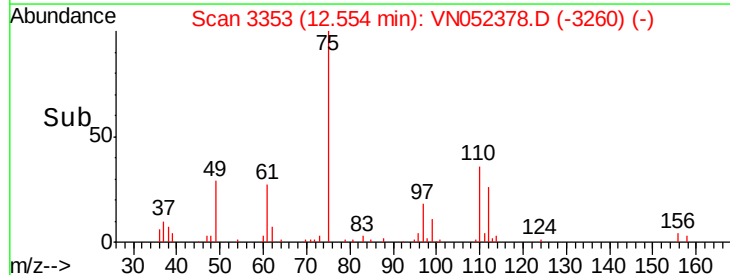
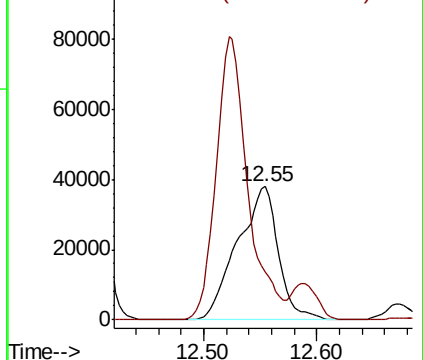


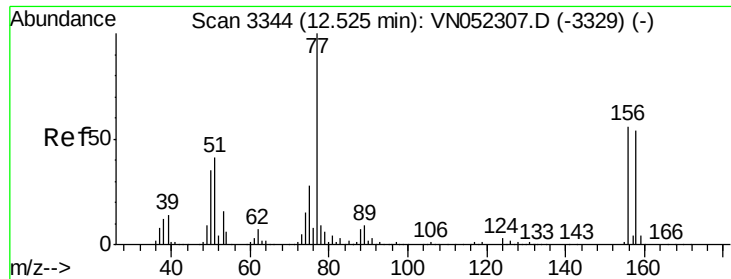
#76
 1,2,3-Trichloropropane
 Concen: 28.684 ug/l
 RT: 12.55 min Scan# 3353
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion	75	Resp	95422
Ion Ratio	100		
Lower	0.0		
Upper	0.0		
77	0.0		



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





#77

Bromobenzene

Concen: 20.469 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampled :

VN1119WBS01

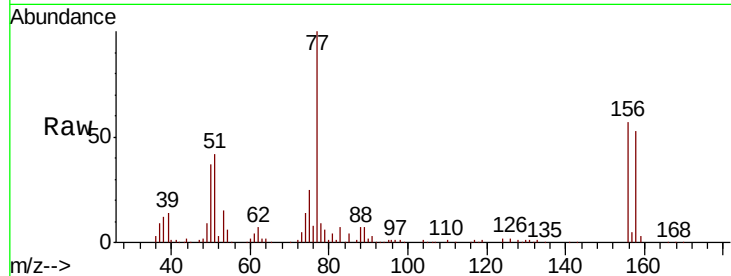
Tot Ion:156 Resp: 75072

Ion Ratio Lower Upper

156 100

77 207.1 103.6 310.9

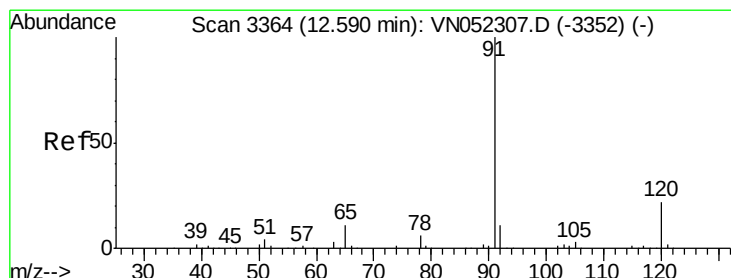
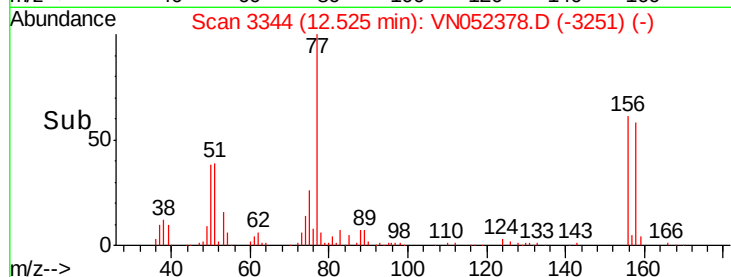
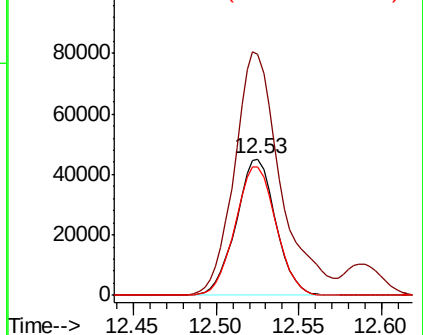
158 97.1 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.715 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052378.D

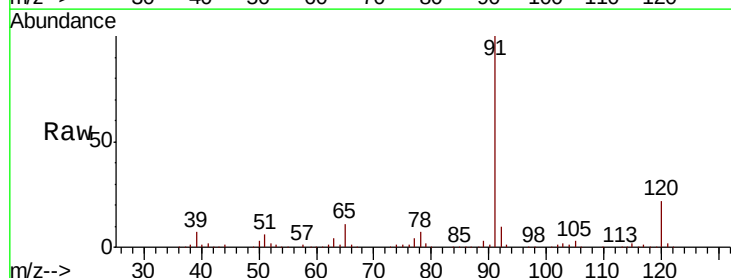
Acq: 19 Nov 2018 11:36

Tgt Ion: 91 Resp: 400313

Ion Ratio Lower Upper

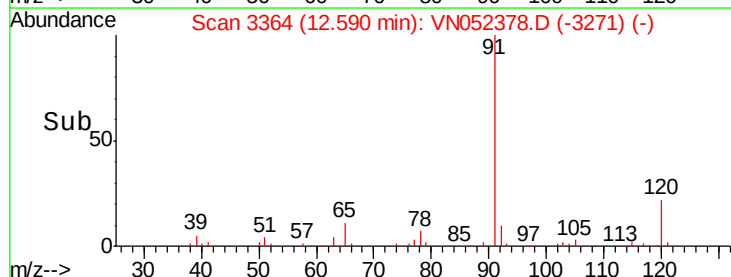
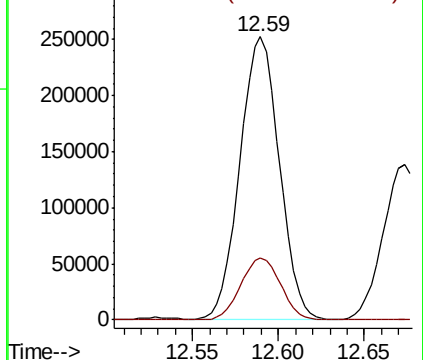
91 100

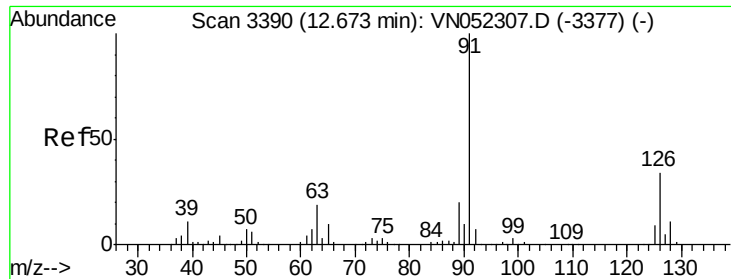
120 22.0 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.336 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

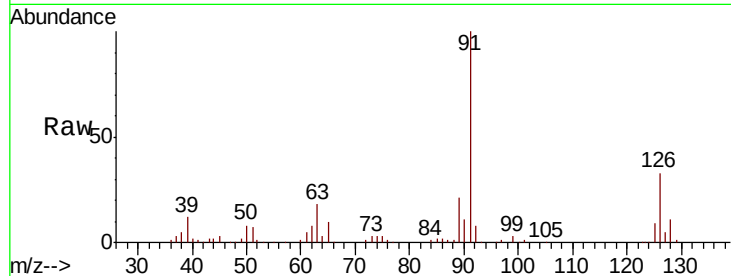
VN1119WBS01

Tot Ion: 91 Resp: 229777

Ion Ratio Lower Upper

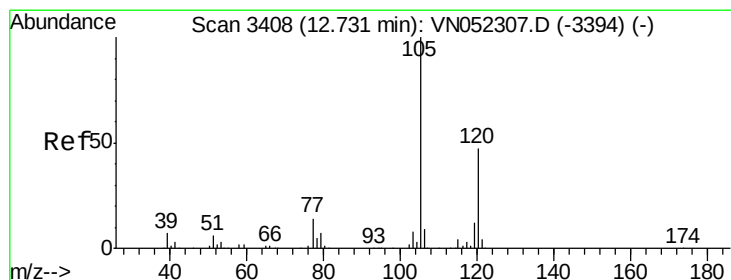
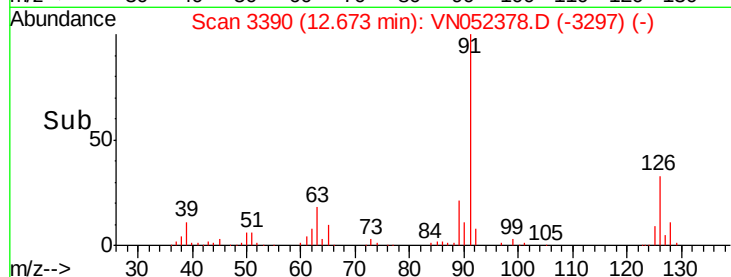
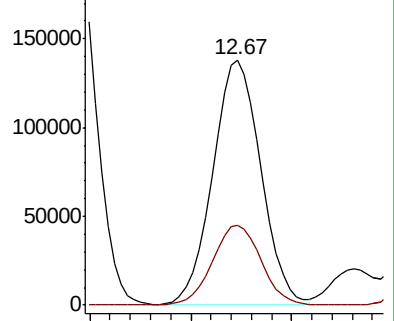
91 100

126 33.1 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: 21.861 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052378.D

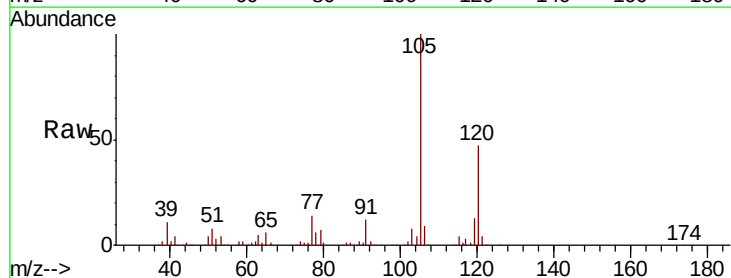
Acq: 19 Nov 2018 11:36

Tgt Ion: 105 Resp: 274036

Ion Ratio Lower Upper

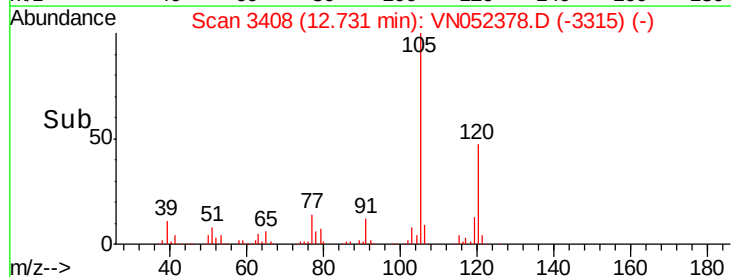
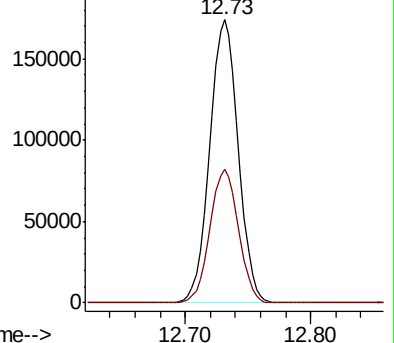
105 100

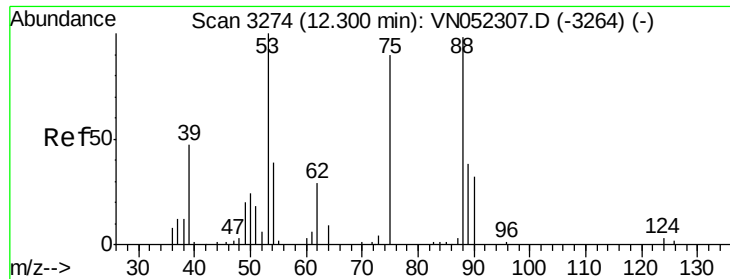
120 47.3 23.7 71.1



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: 18.306 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampled :

VN1119WBS01

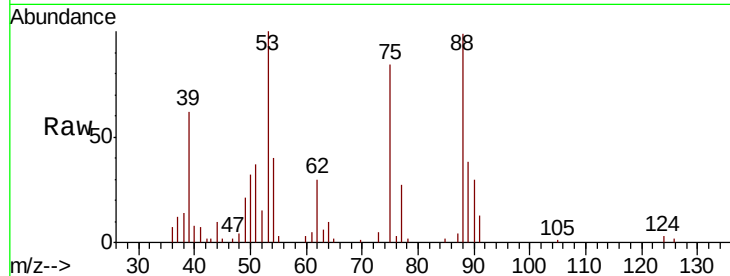
Tot Ion: 75 Resp: 18776

Ion Ratio Lower Upper

75 100

53 120.0 90.2 135.2

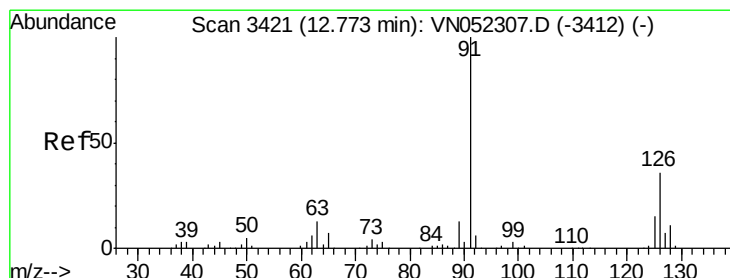
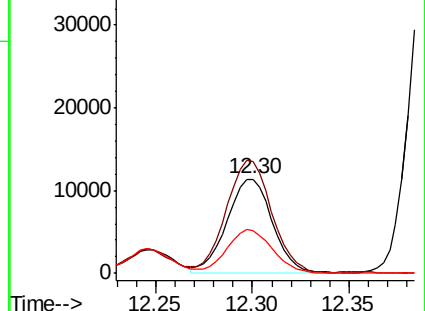
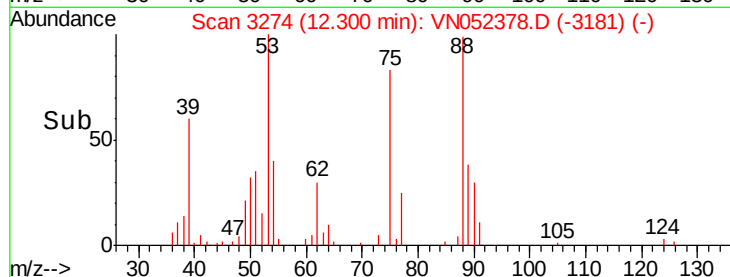
89 45.9 35.4 53.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 20.874 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN052378.D

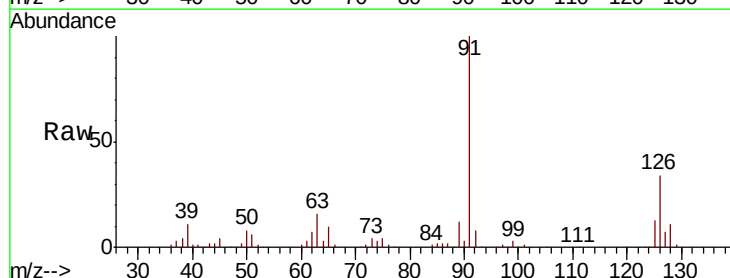
Acq: 19 Nov 2018 11:36

Tgt Ion: 91 Resp: 230319

Ion Ratio Lower Upper

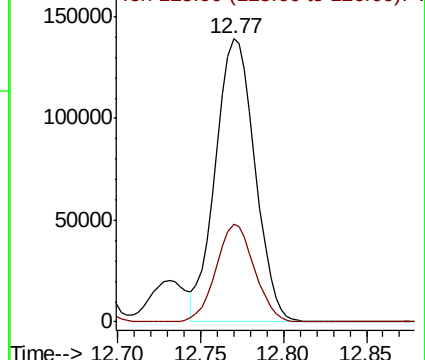
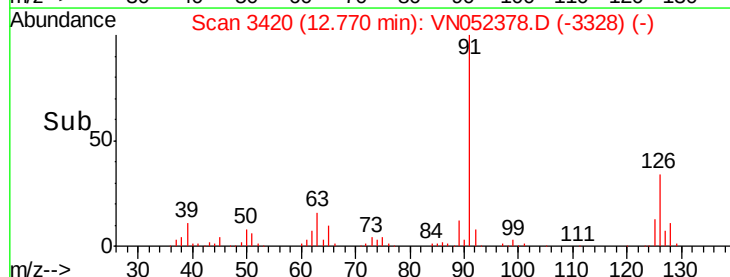
91 100

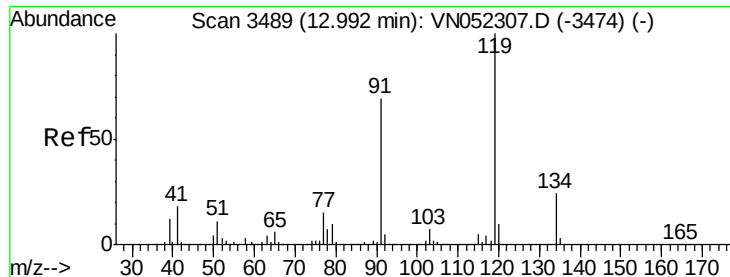
126 33.4 17.0 50.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

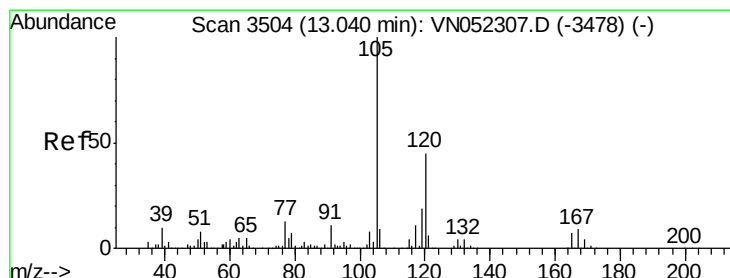
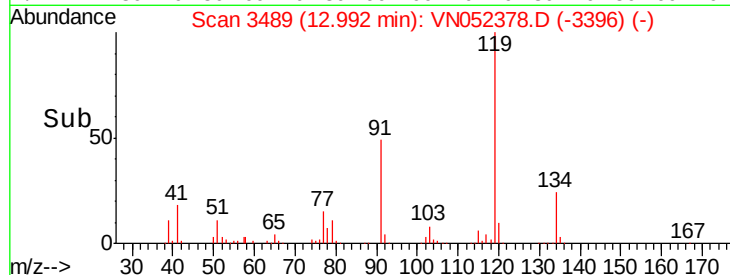
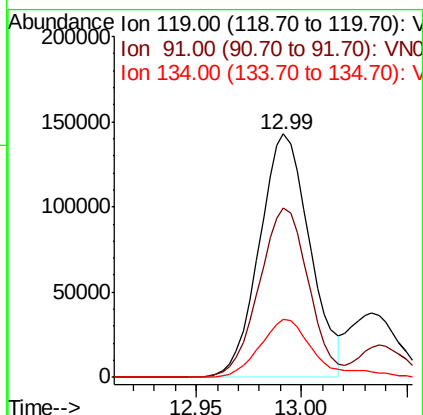
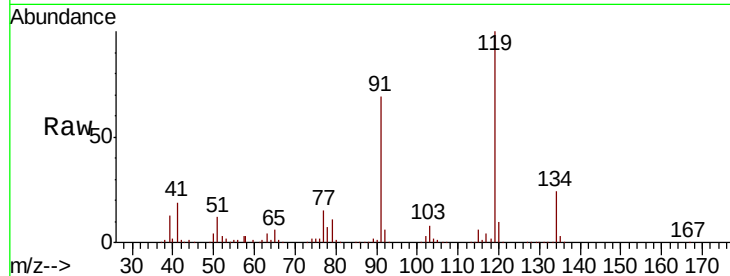




#83
 tert-Butylbenzene
 Concen: 21.522 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

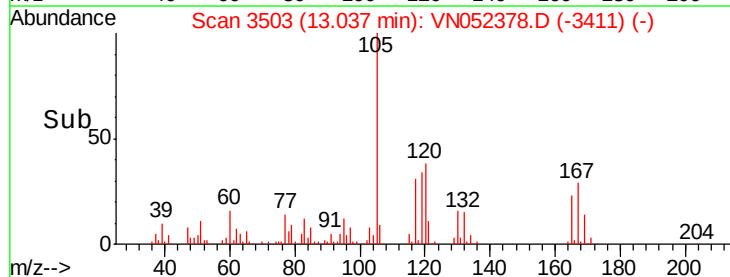
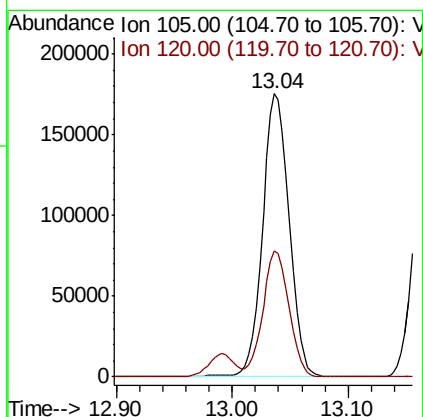
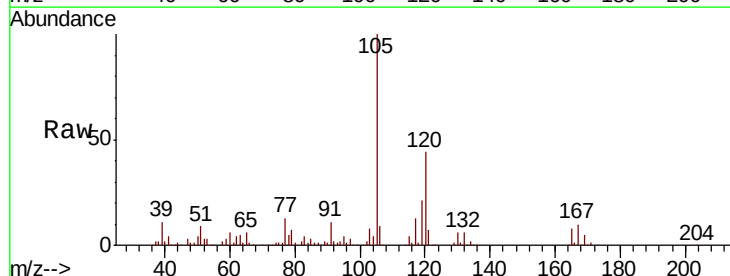
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

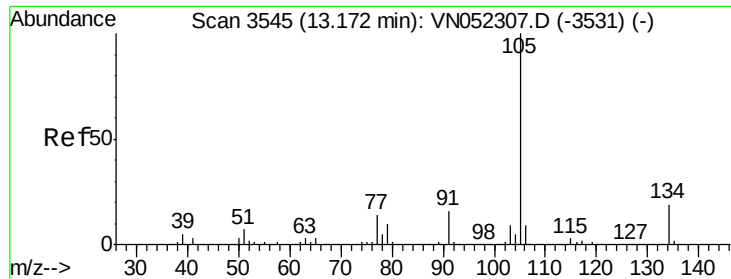
Tot Ion:119 Resp: 238178
 Ion Ratio Lower Upper
 119 100
 91 68.3 33.8 101.3
 134 25.7 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 22.177 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion:105 Resp: 279074
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.5 67.5

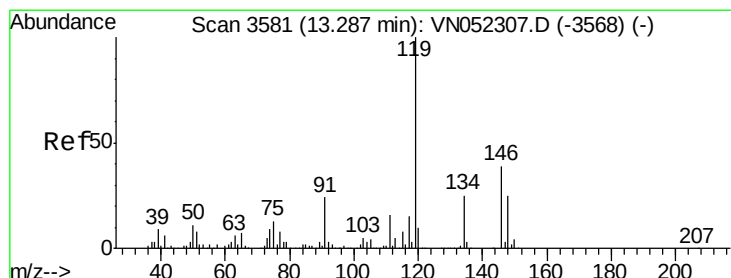
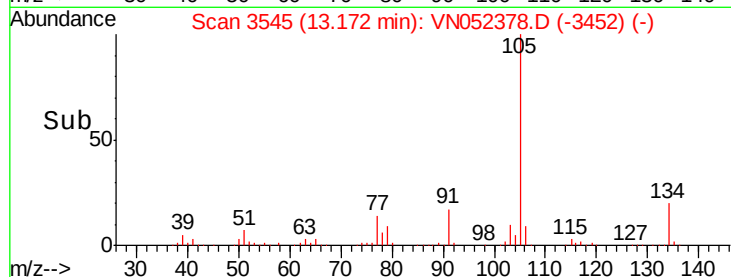
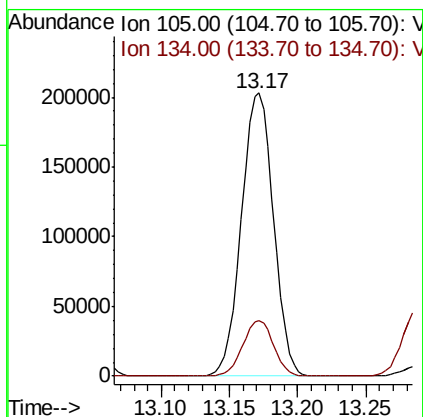
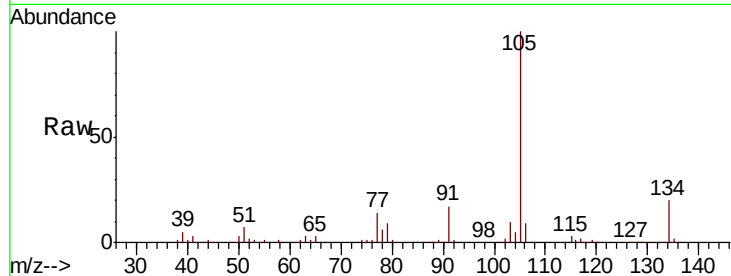




#85
 sec-Butylbenzene
 Concen: 21.932 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

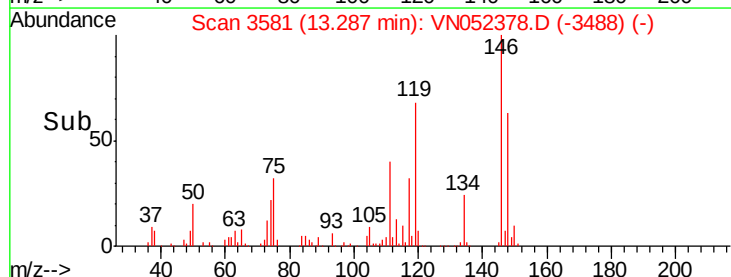
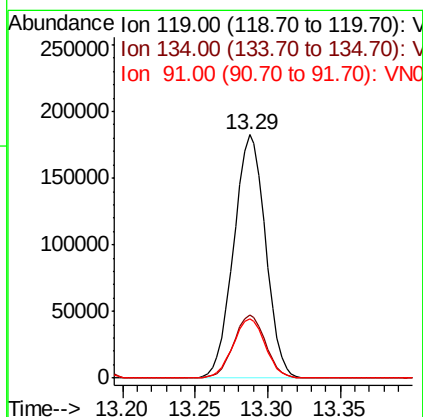
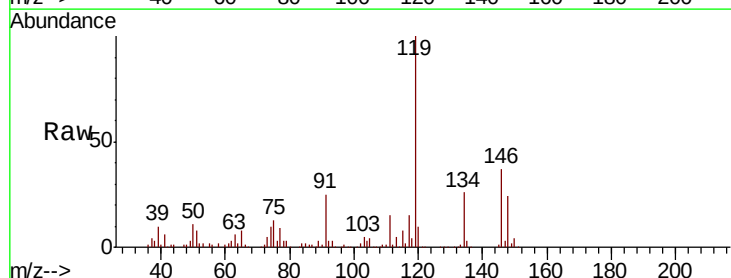
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

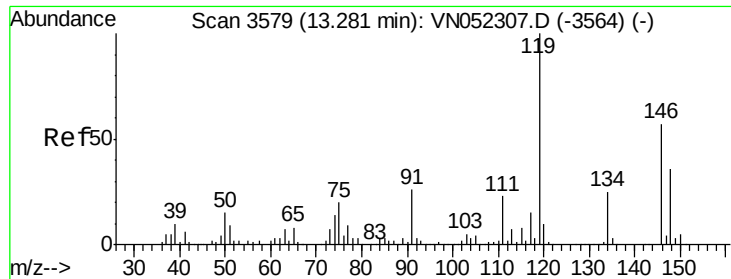
Tot Ion:105 Resp: 330632
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.5 28.5



#86
 p-Isopropyltoluene
 Concen: 21.774 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion:119 Resp: 278053
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 38.9
 91 24.8 12.4 37.0

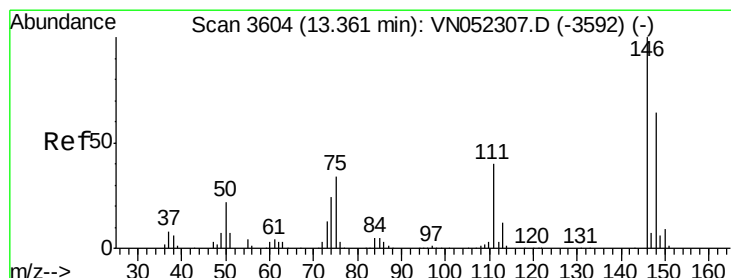
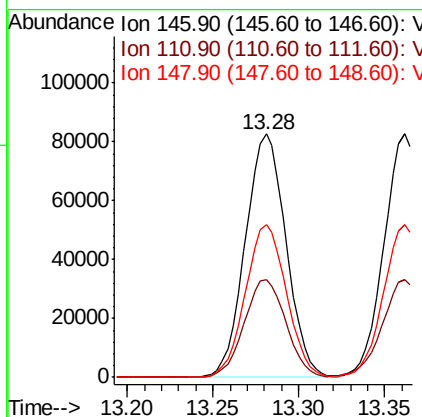
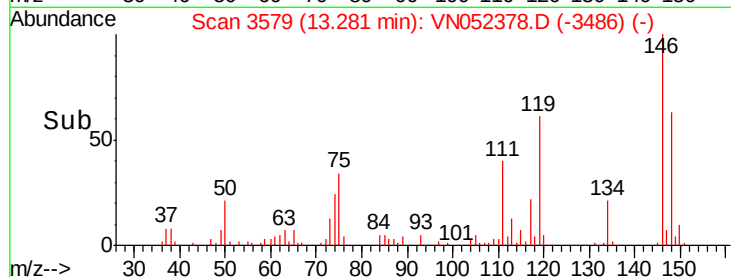
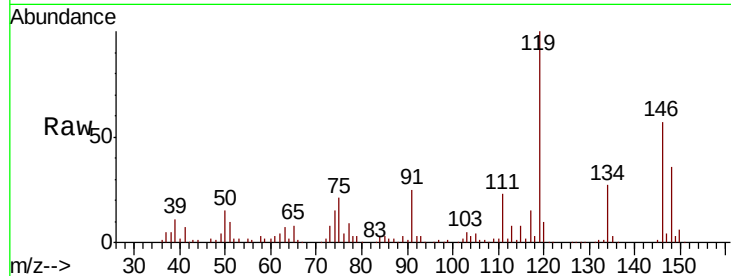




#87
 1,3-Dichlorobenzene
 Concen: 20.875 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

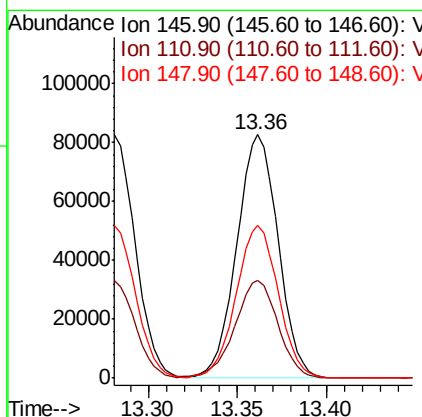
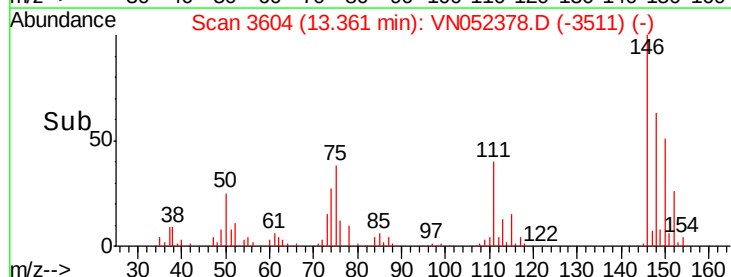
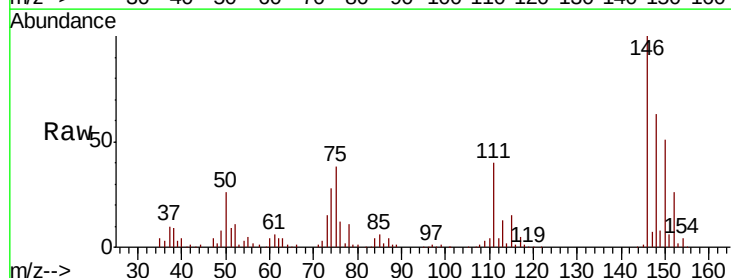
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

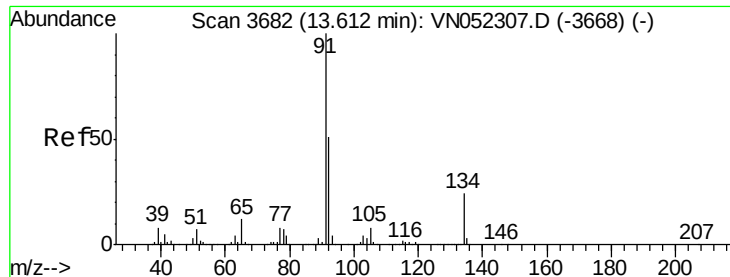
Tot Ion:146 Resp: 135975
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.3 61.0
 148 63.1 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.647 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion:146 Resp: 133705
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.6 61.8
 148 63.9 32.4 97.2





#89

n-Butylbenzene

Concen: 22.075 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052378.D

Acq: 19 Nov 2018 11:36

Instrument :

MSVOA_N

ClientSampleId :

VN1119WBS01

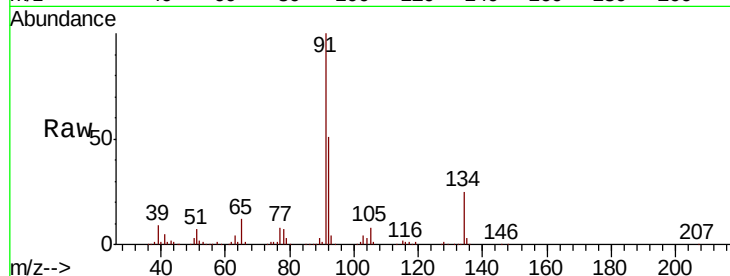
Tot Ion: 91 Resp: 242111

Ion Ratio Lower Upper

91 100

92 51.2 25.4 76.2

134 24.3 12.2 36.4

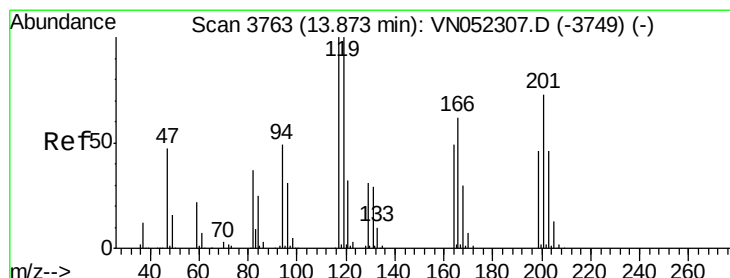
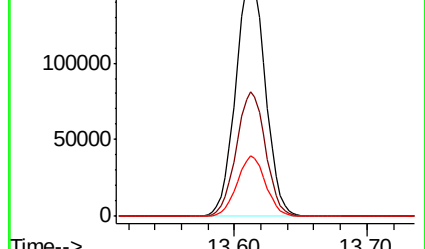
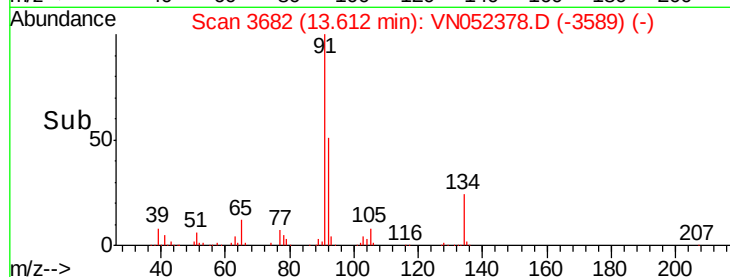


Abundance Ion 91.00 (90.70 to 91.70): VN052307.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052307.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052307.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 22.620 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. -0.00 min

Lab File: VN052378.D

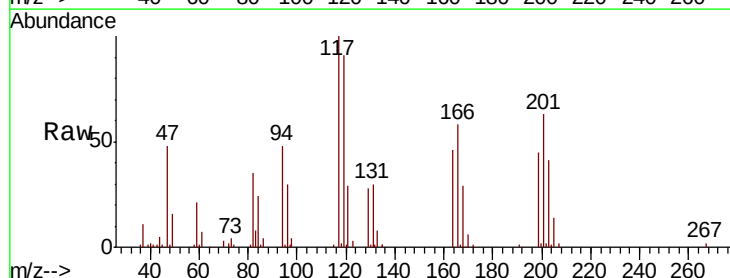
Acq: 19 Nov 2018 11:36

Tgt Ion: 117 Resp: 51162

Ion Ratio Lower Upper

117 100

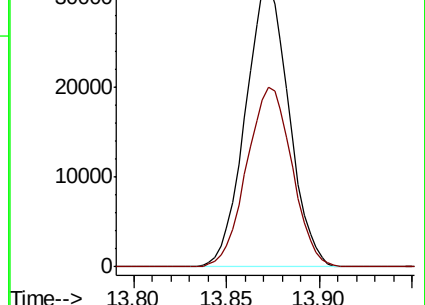
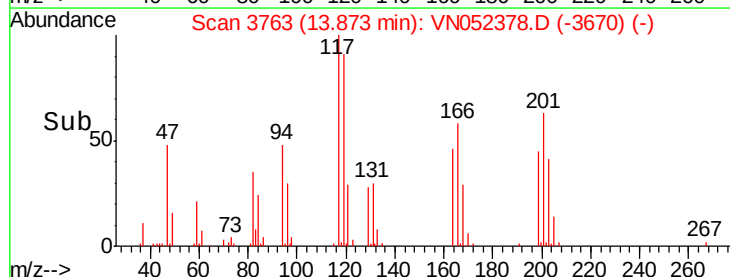
201 66.1 35.3 105.9

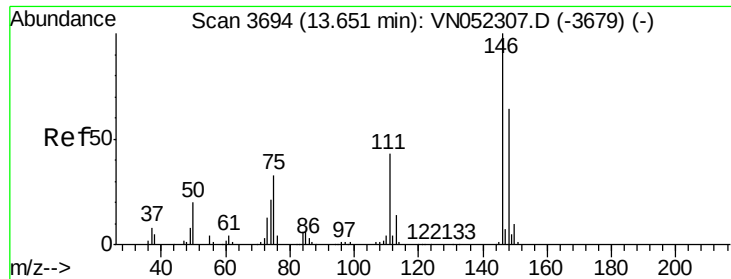


Abundance Ion 116.80 (116.50 to 117.50): VN052307.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052307.D (-3749) (-)

Time-->

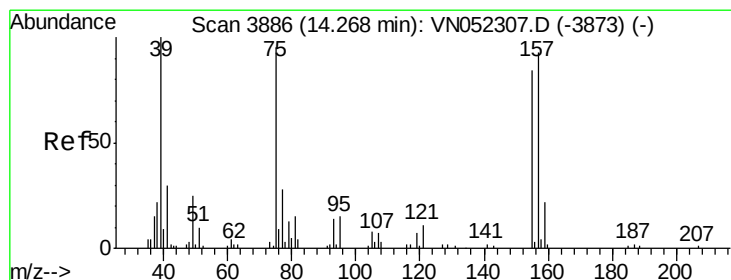
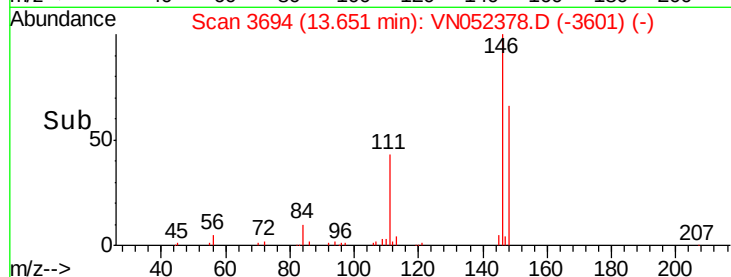
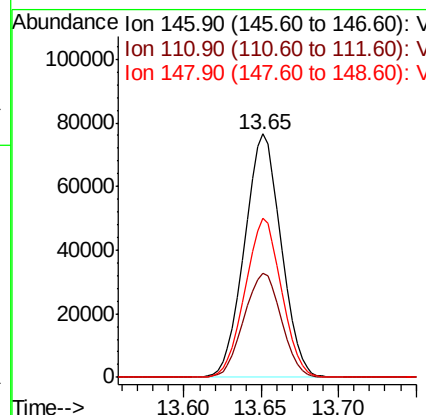
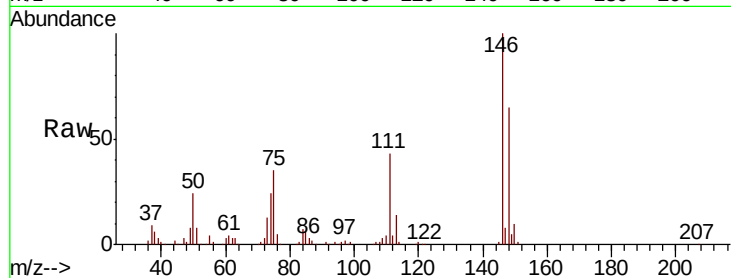




#91
 1,2-Dichlorobenzene
 Concen: 20.021 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

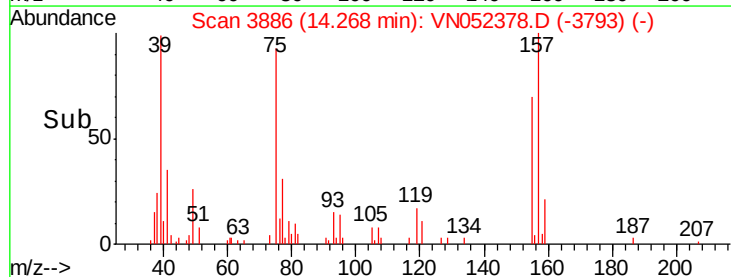
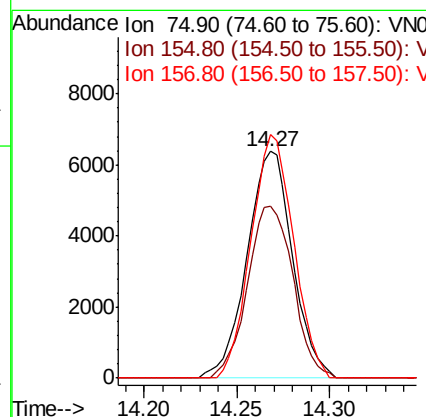
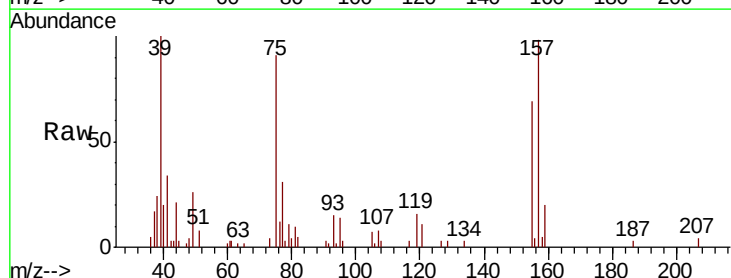
Instrument :
 MSVOA_N
 ClientSampled :
 VN1119WBS01

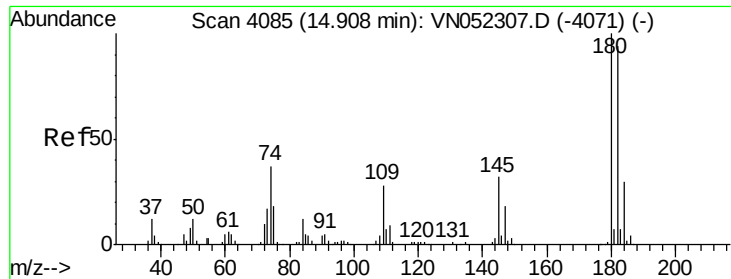
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.3	63.9
148	64.6	31.6	94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.324 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	42.4	127.3
157	100.7	49.6	149.0

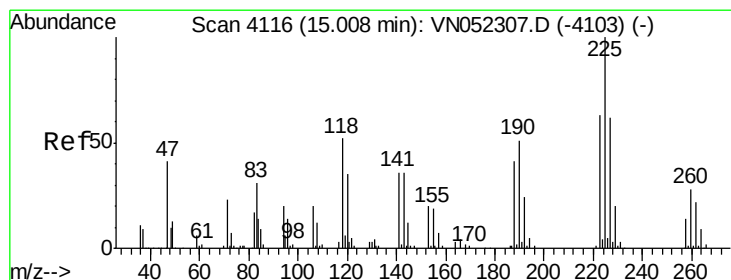
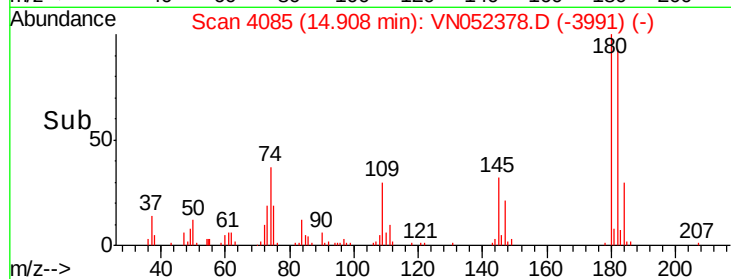
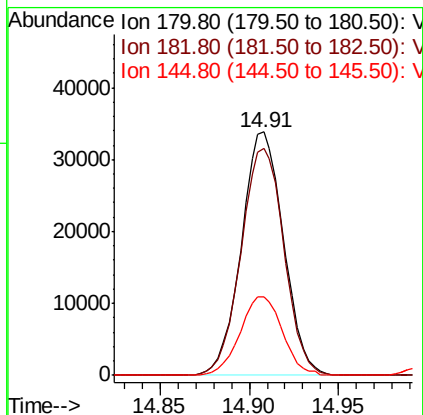
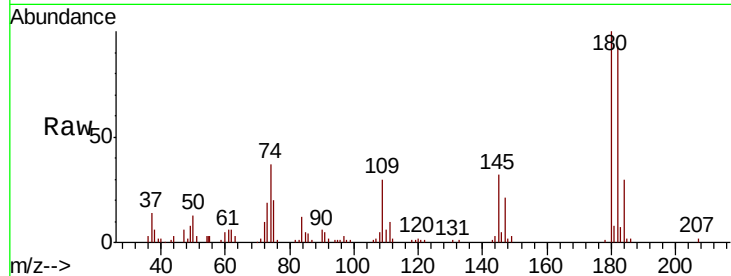




#93
 1,2,4-Trichlorobenzene
 Concen: 20.400 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

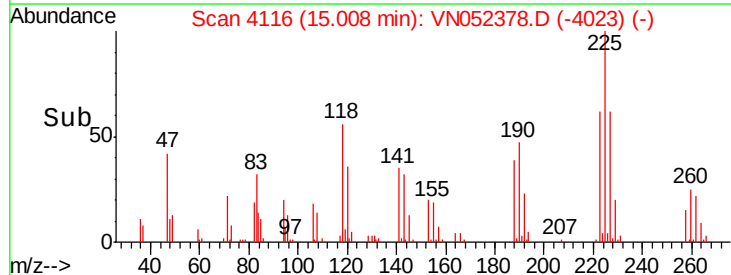
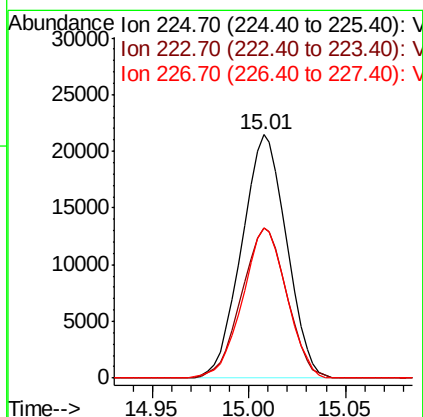
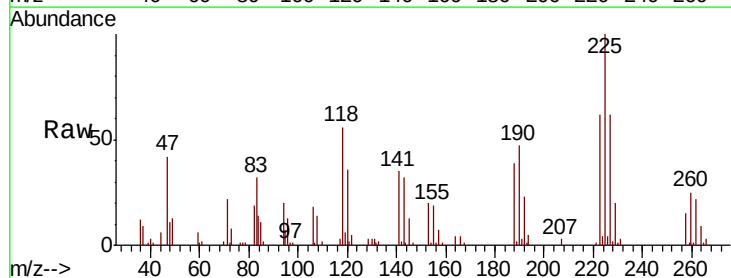
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBS01

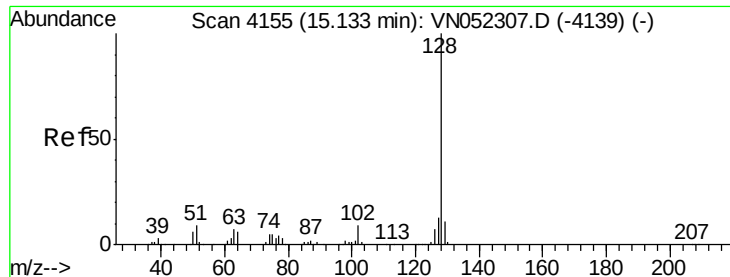
Tot Ion:180 Resp: 55793
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.6 142.9
 145 32.4 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 23.940 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN052378.D
 Acq: 19 Nov 2018 11:36

Tgt Ion:225 Resp: 34580
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.9 95.5
 227 60.4 31.6 95.0

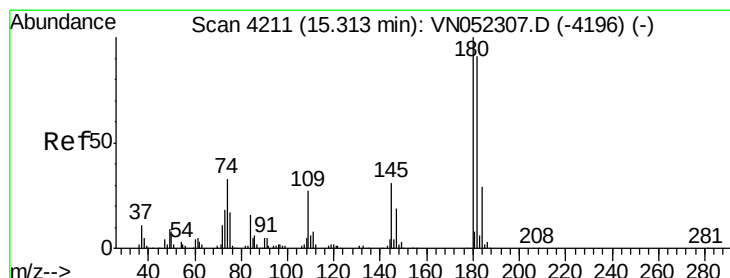
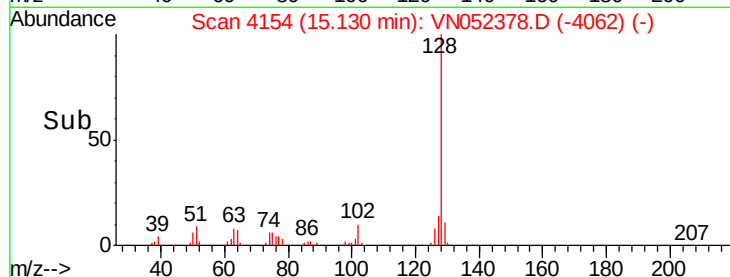
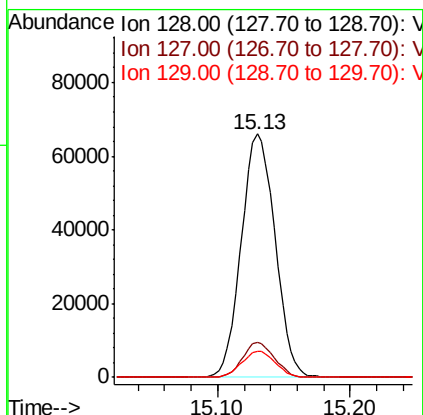
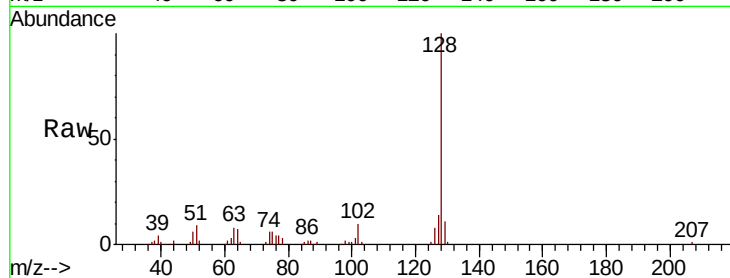




#95
Naphthalene
Concen: 18.633 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.608 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN052378.D
Acq: 19 Nov 2018 11:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.5	139.3
145	35.2	16.4	49.2

