

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112118\
 Data File : VN052453.D
 Acq On : 21 Nov 2018 21:50
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 22 00:02:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	263167	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	446901	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	400069	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	184127	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	207206	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	
35) Dibromofluoromethane	7.59	113	149363	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
50) Toluene-d8	10.09	98	556599	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.40	95	196631	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	135456	48.574	ug/l	99
3) Chloromethane	2.06	50	181904	46.938	ug/l	98
4) Vinyl Chloride	2.19	62	158186	47.220	ug/l	98
5) Bromomethane	2.57	94	92818	44.444	ug/l	97
6) Chloroethane	2.71	64	91896	48.517	ug/l	97
7) Trichlorofluoromethane	3.02	101	239632	51.694	ug/l	98
8) Diethyl Ether	3.41	74	83439	47.227	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.77	101	140650	48.045	ug/l	97
10) Methyl Iodide	3.96	142	170779	43.448	ug/l	96
11) Tert butyl alcohol	4.78	59	45400	231.287	ug/l #	86
12) 1,1-Dichloroethene	3.74	96	126070	46.536	ug/l	97
13) Acrolein	3.61	56	74837	252.527	ug/l	100
14) Allyl chloride	4.33	41	284470	51.140	ug/l	99
15) Acrylonitrile	4.99	53	274347	244.765	ug/l	97
16) Acetone	3.82	43	229438	224.195	ug/l	92
17) Carbon Disulfide	4.06	76	361897	46.587	ug/l	100
18) Methyl Acetate	4.33	43	150997	52.630	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	403865	51.876	ug/l	99
20) Methylene Chloride	4.55	84	159427	51.223	ug/l	97
21) trans-1,2-Dichloroethene	5.04	96	137141	47.019	ug/l	94
22) Diisopropyl ether	5.95	45	604624	53.272	ug/l	100
23) Vinyl Acetate	5.90	43	2016189	261.868	ug/l	99
24) 1,1-Dichloroethane	5.85	63	309110	50.791	ug/l	99
25) 2-Butanone	6.84	43	353735	245.566	ug/l	97
26) 2,2-Dichloropropane	6.82	77	202559	45.263	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	163880	48.265	ug/l	95
28) Bromochloromethane	7.20	49	160513	51.294	ug/l	97
29) Tetrahydrofuran	7.21	42	231210	244.331	ug/l	100
30) Chloroform	7.37	83	306743	52.887	ug/l	97
31) Cyclohexane	7.65	56	275877	48.798	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	256352	51.885	ug/l	97
36) 1,1-Dichloropropene	7.79	75	227520	50.794	ug/l	98
37) Ethyl Acetate	6.93	43	160423	49.348	ug/l	97
38) Carbon Tetrachloride	7.78	117	222119	53.975	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	247734	48.448	ug/l	97
40) Benzene	8.04	78	636695	49.756	ug/l	98
41) Methacrylonitrile	7.17	41	89219	49.459	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	254246	55.718	ug/l	98
43) Isopropyl Acetate	8.17	43	304820	48.593	ug/l	99
44) Trichloroethene	8.84	130	159213	50.511	ug/l	100
45) 1,2-Dichloropropane	9.12	63	182561	50.271	ug/l	100
46) Dibromomethane	9.21	93	109546	52.108	ug/l	95
47) Bromodichloromethane	9.40	83	235010	54.475	ug/l	98
48) Methyl methacrylate	9.20	41	158081	49.664	ug/l	96
49) 1,4-Dioxane	9.20	88	24085	985.697	ug/l #	91
51) 4-Methyl-2-Pentanone	9.98	43	839591	265.893	ug/l	98
52) Toluene	10.16	92	391274	51.114	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	225956	51.932	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	258065	52.029	ug/l	94
55) 1,1,2-Trichloroethane	10.56	97	139020	50.097	ug/l	99
56) Ethyl methacrylate	10.43	69	186384	51.071	ug/l	95
57) 1,3-Dichloropropane	10.71	76	255751	52.031	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.69	63	549601	264.516	ug/l	99
59) 2-Hexanone	10.75	43	549584	253.041	ug/l	98
60) Dibromochloromethane	10.90	129	160306	53.392	ug/l	99
61) 1,2-Dibromoethane	11.00	107	138277	50.024	ug/l	99
64) Tetrachloroethene	10.63	164	141134	49.621	ug/l	97
65) Chlorobenzene	11.43	112	422063	49.910	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	153374	53.187	ug/l	98
67) Ethyl Benzene	11.51	91	769644	52.438	ug/l	98
68) m/p-Xylenes	11.62	106	562064	104.810	ug/l	97
69) o-Xylene	11.95	106	272140	52.940	ug/l	97
70) Styrene	11.96	104	442683	53.782	ug/l	98
71) Bromoform	12.12	173	96290	56.554	ug/l #	98
73) Isopropylbenzene	12.25	105	749264	50.613	ug/l	99
74) N-amyl acetate	12.07	43	260169	49.342	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	171576	47.945	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	228362	73.093	ug/l #	100
77) Bromobenzene	12.53	156	169262	49.140	ug/l	98
78) n-propylbenzene	12.59	91	884857	51.109	ug/l	99
79) 2-Chlorotoluene	12.67	91	517155	51.132	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	615809	52.309	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	45491	47.225	ug/l	91
82) 4-Chlorotoluene	12.77	91	526030	50.764	ug/l	96
83) tert-Butylbenzene	12.99	119	531627	51.151	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	627934	53.133	ug/l	97
85) sec-Butylbenzene	13.17	105	740256	52.286	ug/l	100
86) p-Isopropyltoluene	13.29	119	623799	52.014	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	306655	50.128	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	305458	50.224	ug/l	98
89) n-Butylbenzene	13.61	91	563847	54.740	ug/l	99
90) Hexachloroethane	13.87	117	106913	50.331	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	296609	50.046	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28683	54.355	ug/l	91

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Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration

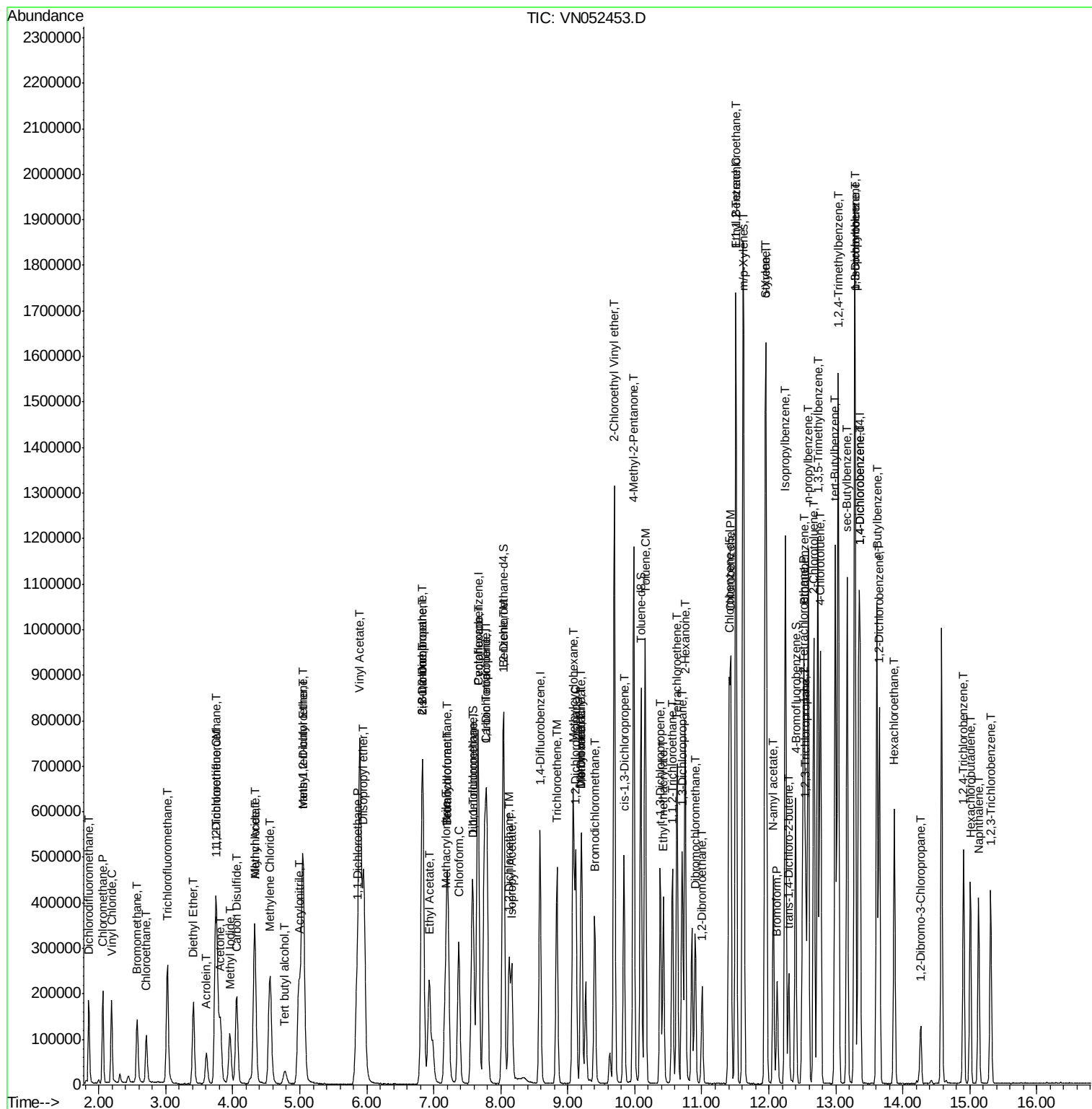
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	139847	50.680	ug/l	99
94) Hexachlorobutadiene	15.01	225	71066	52.388	ug/l	99
95) Naphthalene	15.13	128	318527	48.928	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	128471	57.046	ug/l	98

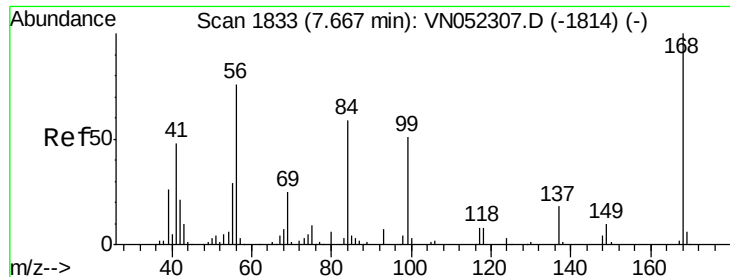
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN112118\
Data File : VN052453.D
Acq On : 21 Nov 2018 21:50
Operator : MD\SY
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Nov 21 22:45:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
Quant Title : SW846 8260
QLast Update : Thu Nov 15 03:02:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

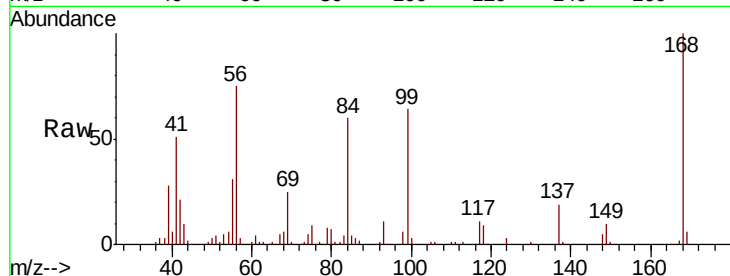
ClientSampled :

Tot Ion:168 Resp: 263167

Ion Ratio Lower Upper

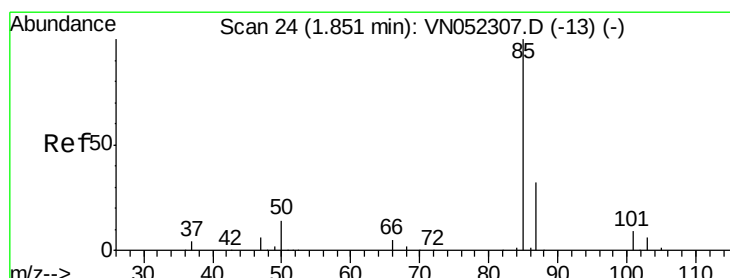
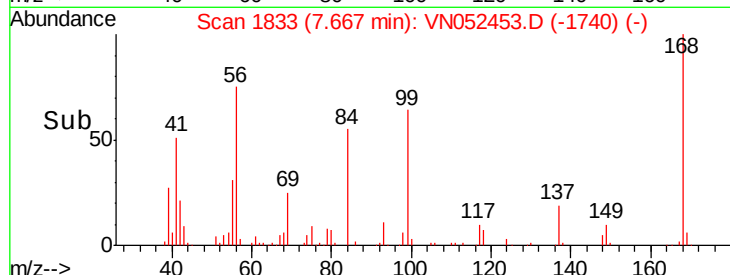
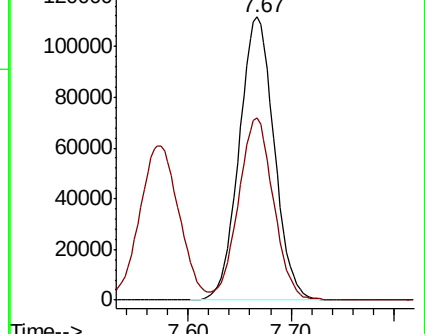
168 100

99 64.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.574 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052453.D

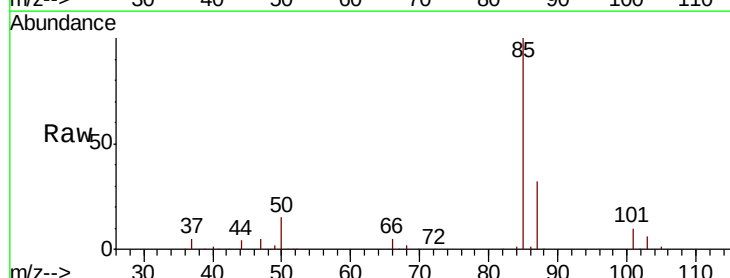
Acq: 21 Nov 2018 21:50

Tgt Ion: 85 Resp: 135456

Ion Ratio Lower Upper

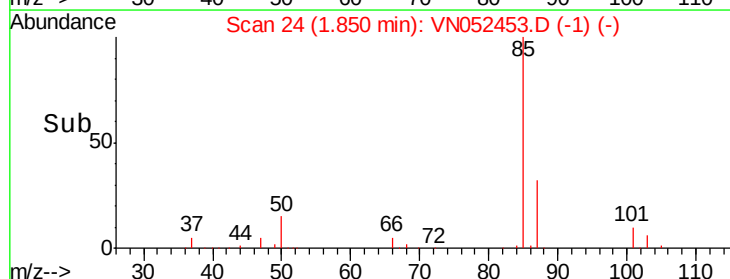
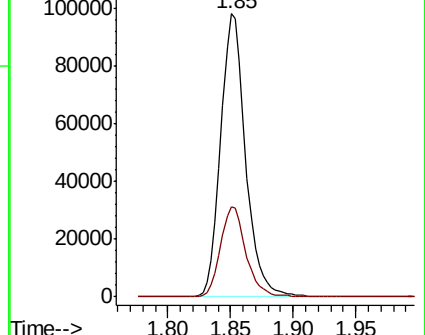
85 100

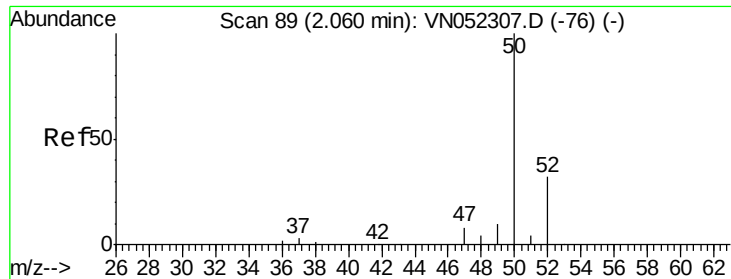
87 32.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.938 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

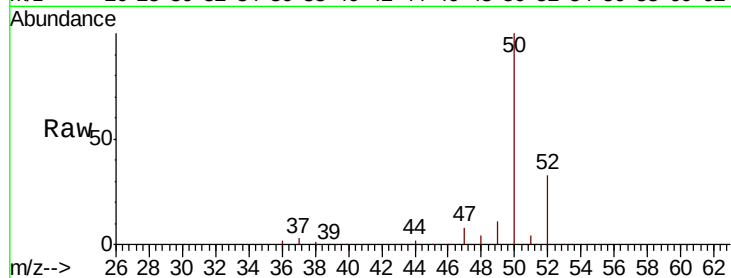
ClientSampled :

Tot Ion: 50 Resp: 181904

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

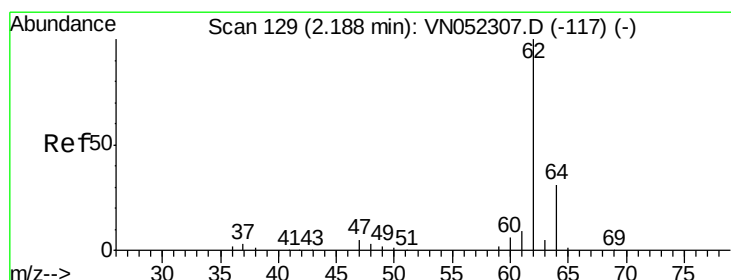
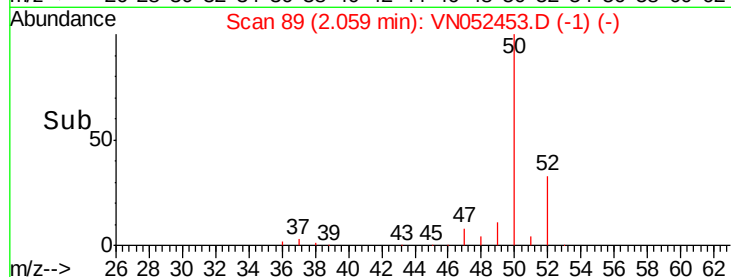
2.06

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 47.220 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052453.D

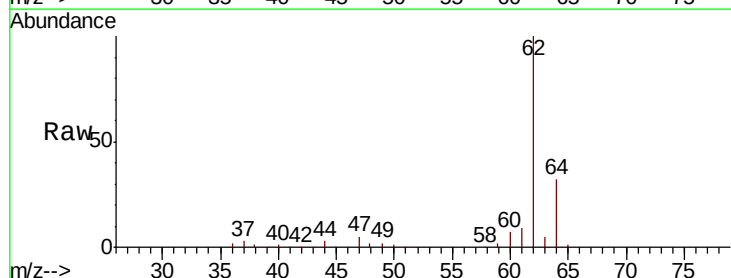
Acq: 21 Nov 2018 21:50

Tgt Ion: 62 Resp: 158186

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.19

120000

100000

80000

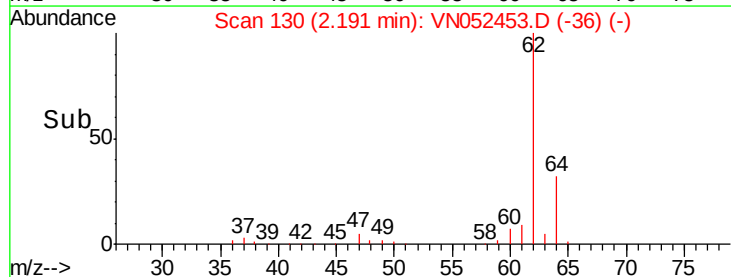
60000

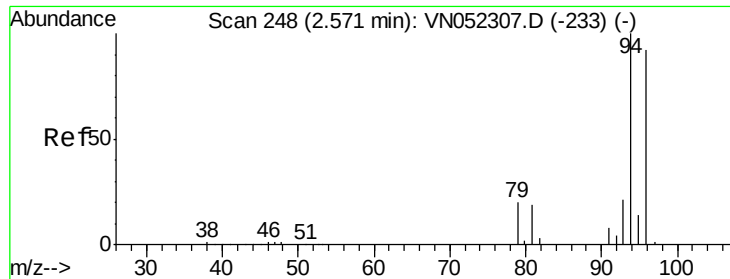
40000

20000

0

Time-->





#5

Bromomethane

Concen: 44.444 ug/l

RT: 2.57 min Scan# 249

Delta R.T. 0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

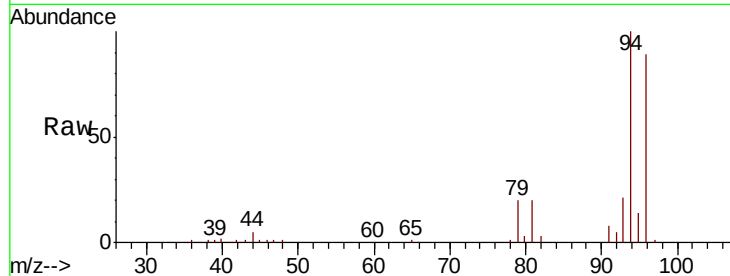
ClientSampled :

Tot Ion: 94 Resp: 92818

Ion Ratio Lower Upper

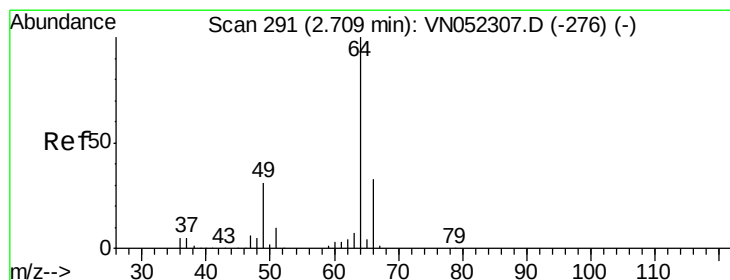
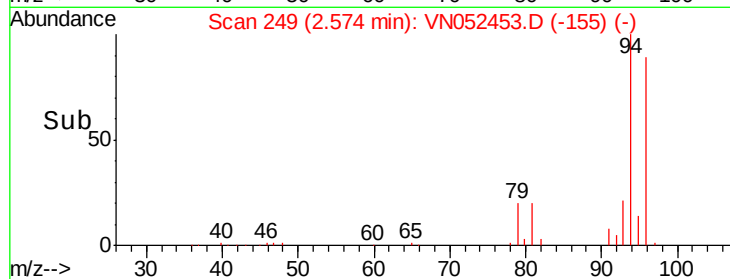
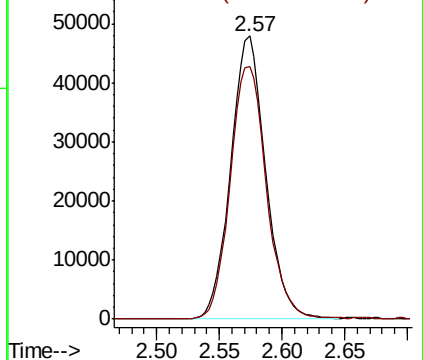
94 100

96 89.3 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 48.517 ug/l

RT: 2.71 min Scan# 291

Delta R.T. -0.00 min

Lab File: VN052453.D

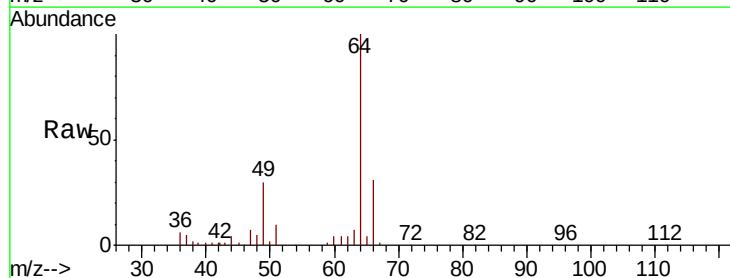
Acq: 21 Nov 2018 21:50

Tgt Ion: 64 Resp: 91896

Ion Ratio Lower Upper

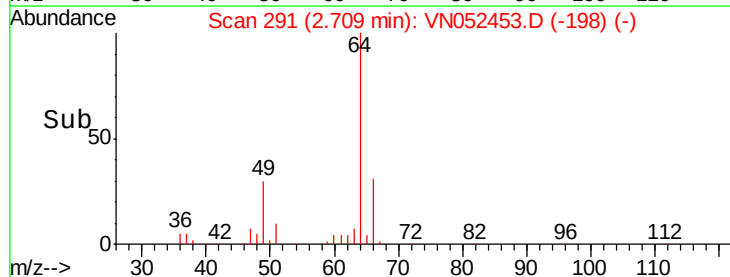
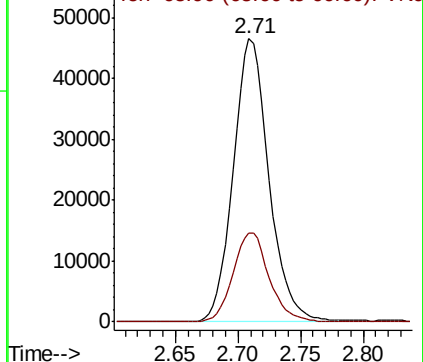
64 100

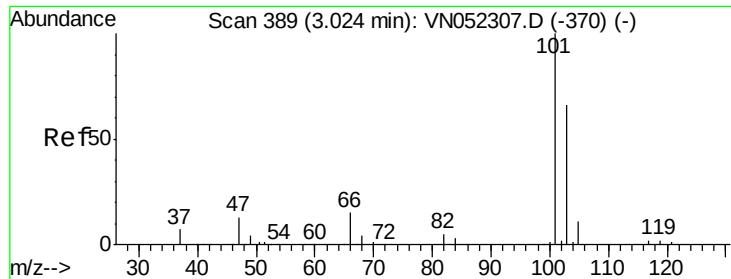
66 31.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO



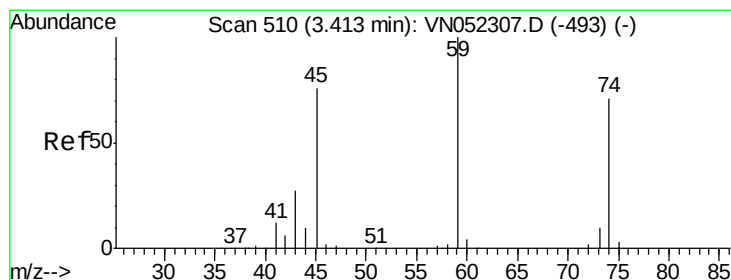
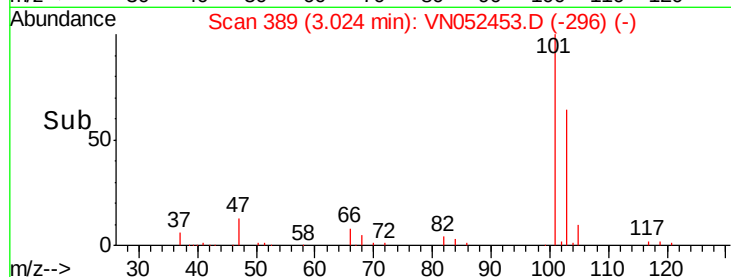
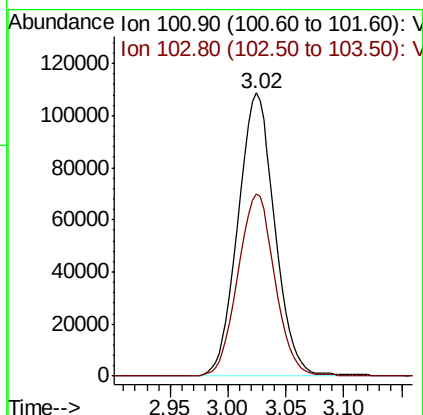
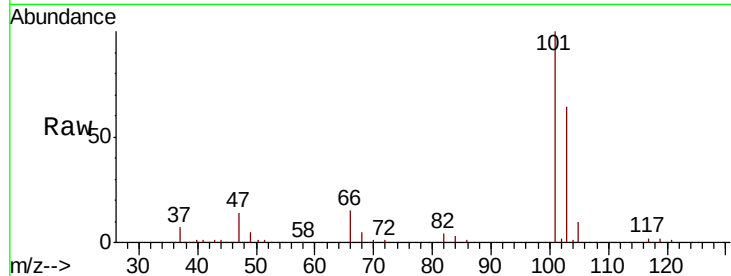


#7

Trichlorofluoromethane
 Concen: 51.694 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Instrument :
 MSVOA_N
 ClientSampleId :

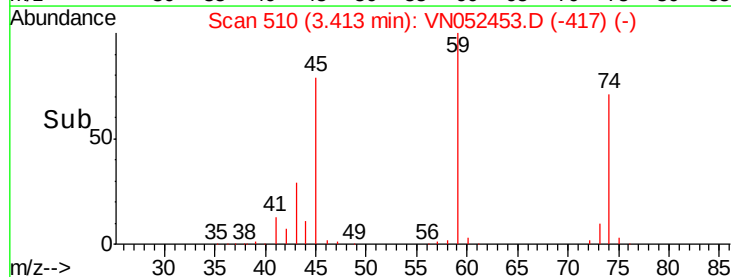
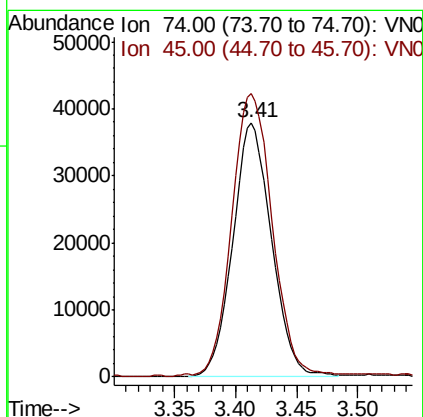
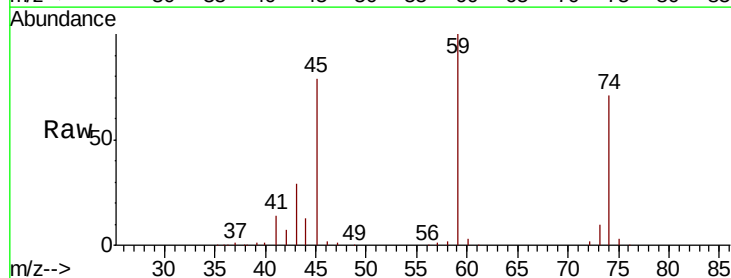
Tot Ion:101 Resp: 239632
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.8 79.2

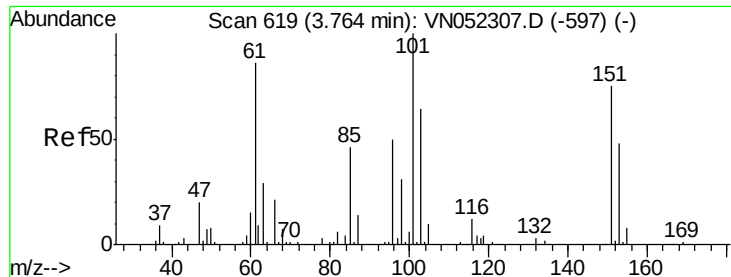


#8

Diethyl Ether
 Concen: 47.227 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Tgt Ion: 74 Resp: 83439
 Ion Ratio Lower Upper
 74 100
 45 117.6 54.3 162.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.045 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

ClientSampled :

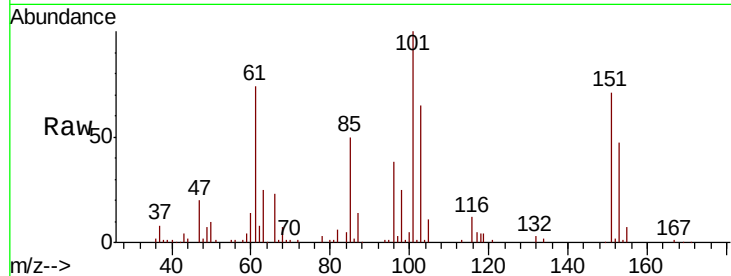
Tot Ion:101 Resp: 140650

Ion Ratio Lower Upper

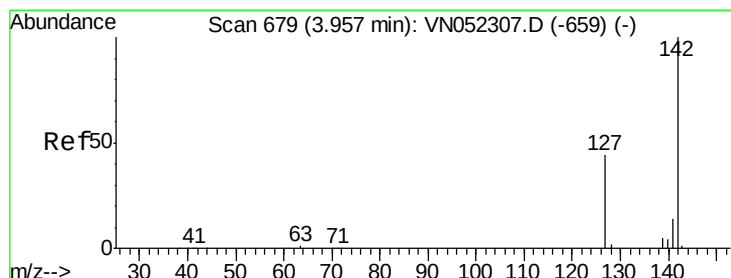
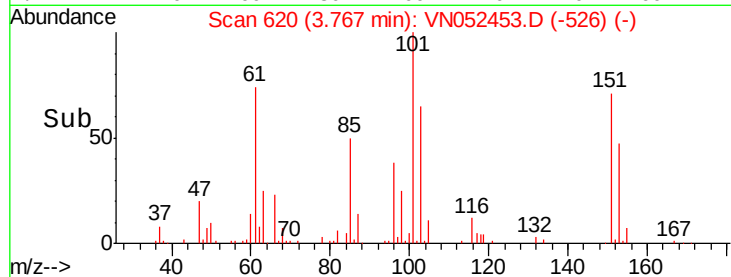
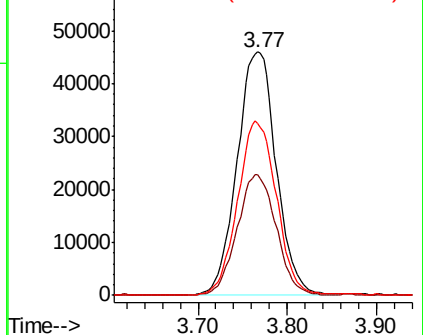
101 100

85 49.4 37.4 56.0

151 70.8 58.6 88.0



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



#10

Methyl Iodide

Concen: 43.448 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

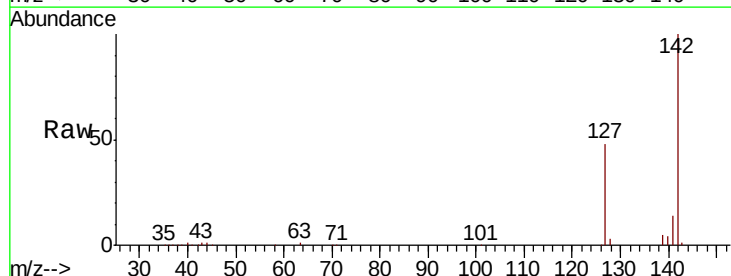
Tgt Ion:142 Resp: 170779

Ion Ratio Lower Upper

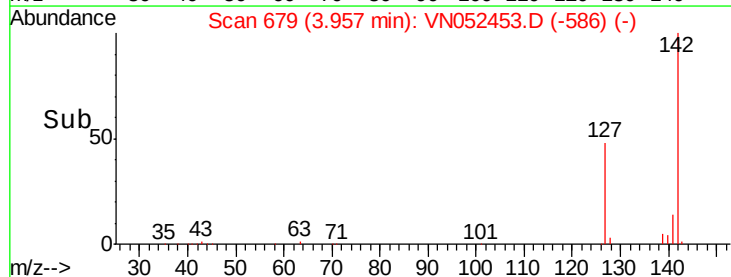
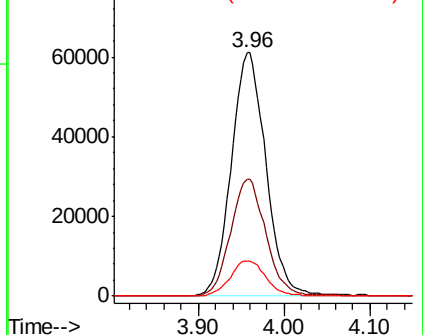
142 100

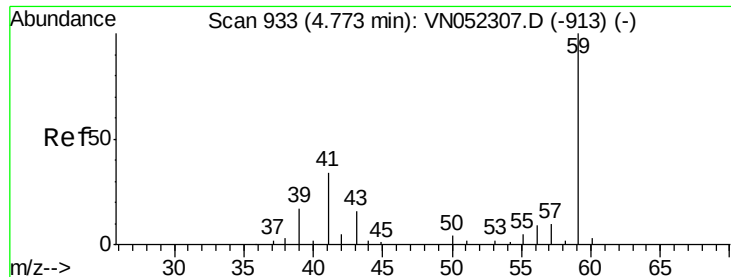
127 48.6 36.3 54.5

141 14.9 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

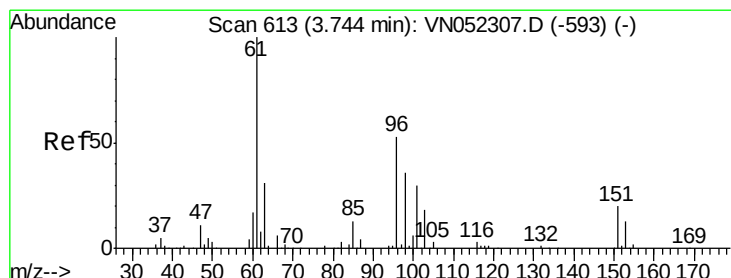
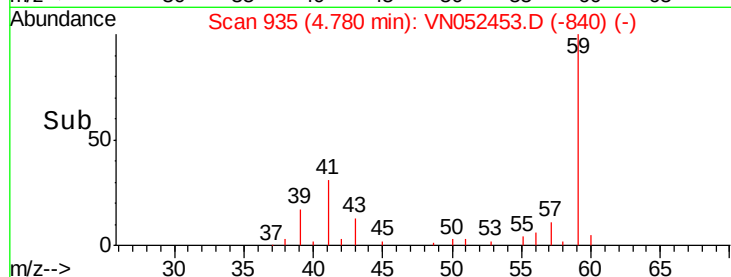
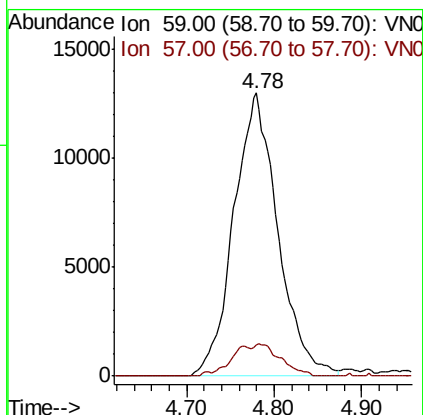
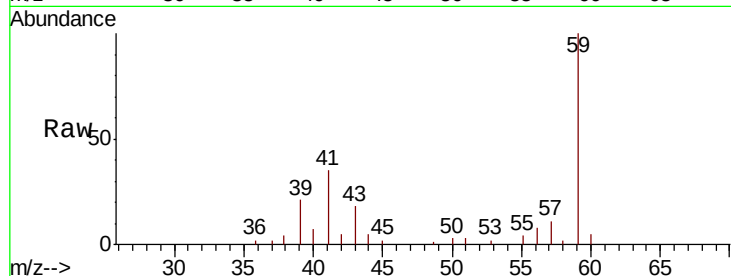




#11
Tert butyl alcohol
Concen: 231.287 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.01 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

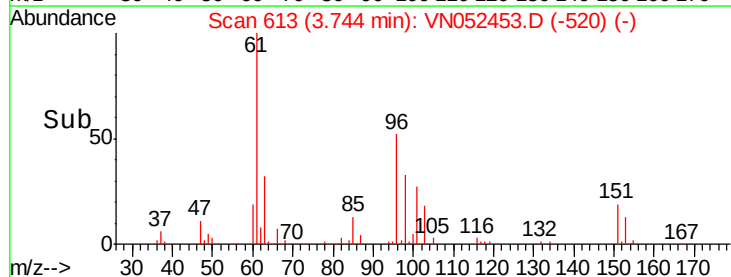
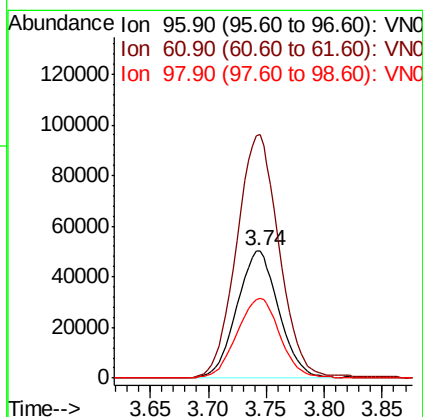
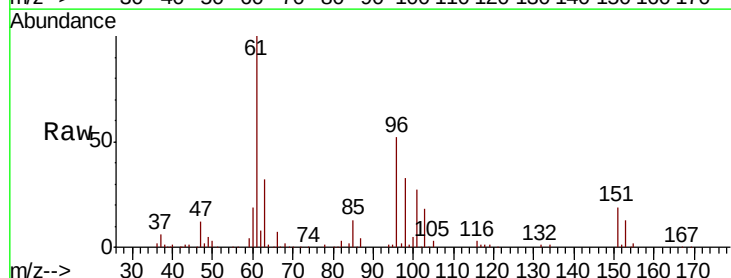
Instrument :
MSVOA_N
ClientSampled :

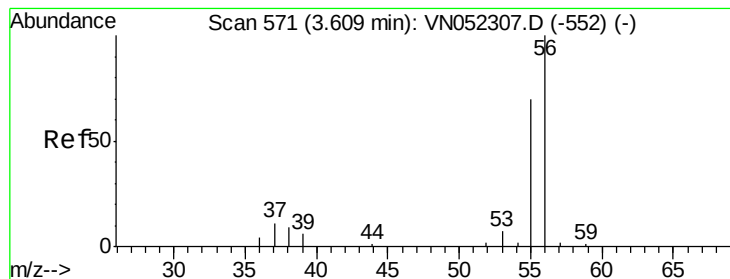
Tot Ion: 59 Resp: 45400
Ion Ratio Lower Upper
59 100
57 5.3 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 46.536 ug/l
RT: 3.74 min Scan# 613
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion: 96 Resp: 126070
Ion Ratio Lower Upper
96 100
61 190.2 149.6 224.4
98 62.3 54.2 81.2





#13

Acrolein

Concen: 252.527 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

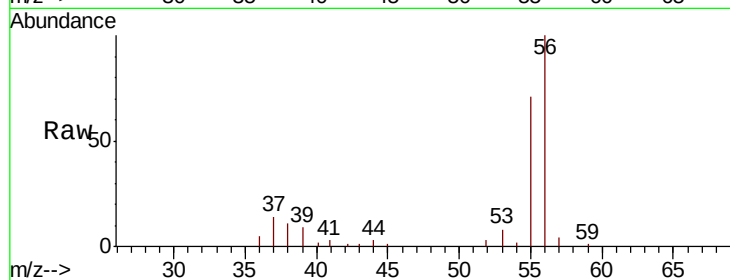
ClientSampleId :

Tot Ion: 56 Resp: 74837

Ion Ratio Lower Upper

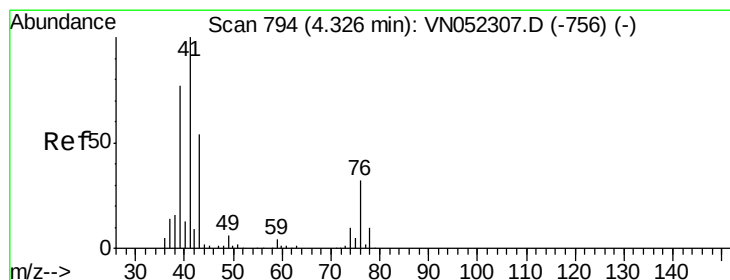
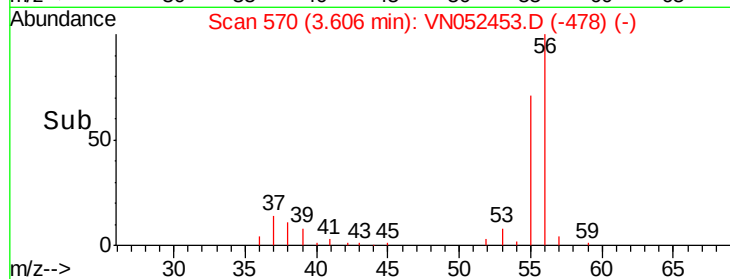
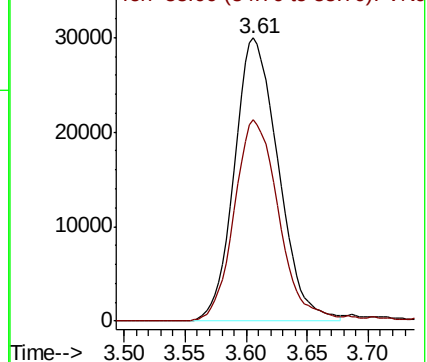
56 100

55 71.8 57.6 86.4



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 51.140 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

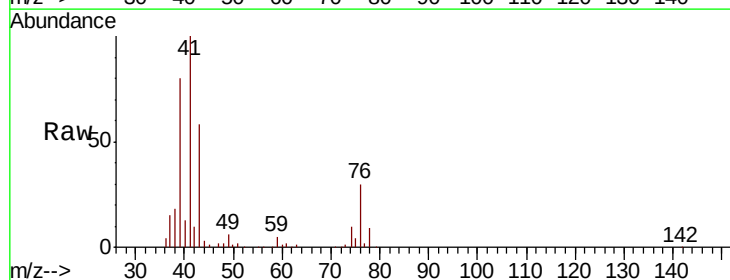
Tgt Ion: 41 Resp: 284470

Ion Ratio Lower Upper

41 100

39 73.9 59.1 88.7

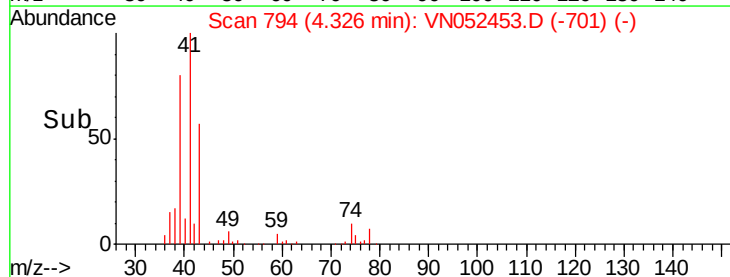
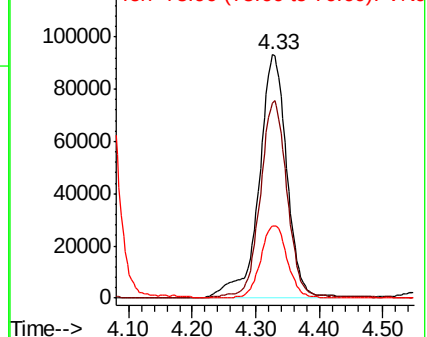
76 27.9 24.1 36.1

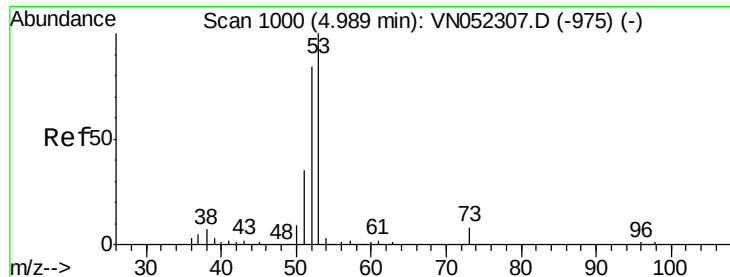


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 244.765 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

ClientSampled :

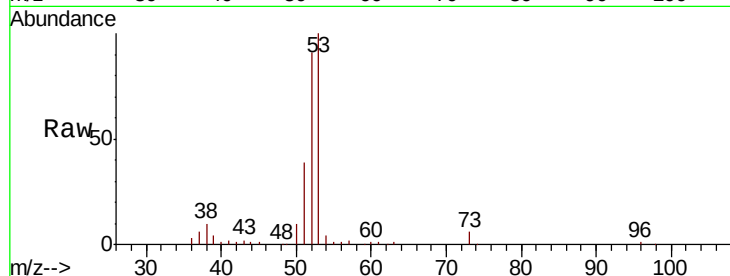
Tot Ion: 53 Resp: 274347

Ion Ratio Lower Upper

53 100

52 87.0 67.5 101.3

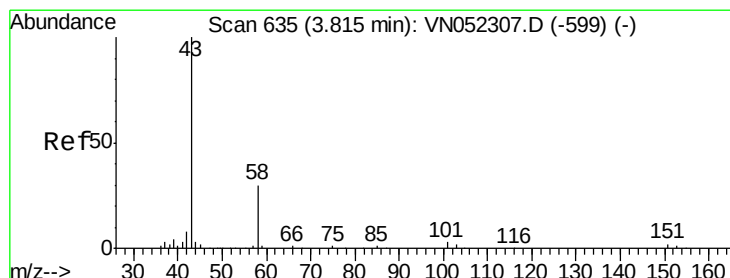
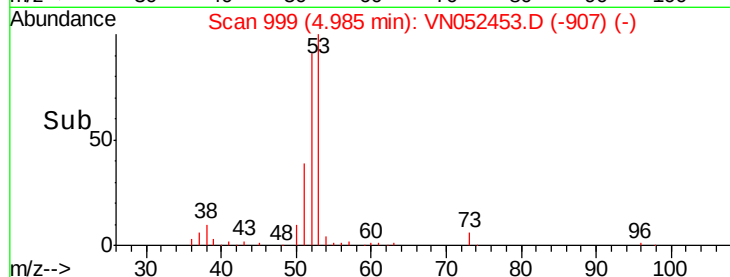
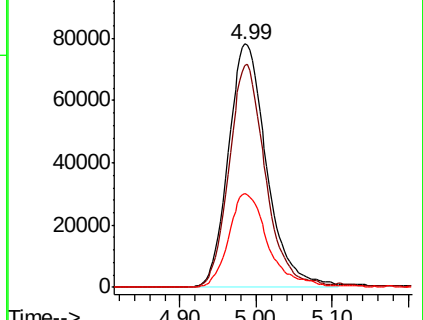
51 39.5 29.9 44.9



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: 224.195 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052453.D

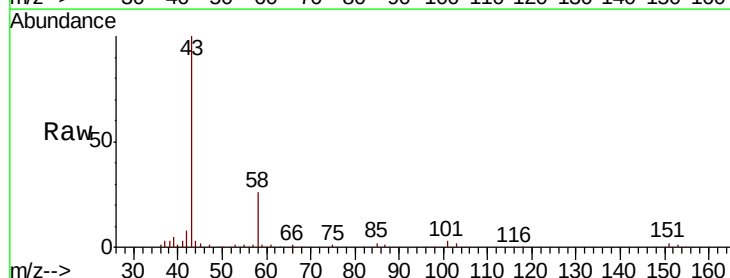
Acq: 21 Nov 2018 21:50

Tgt Ion: 43 Resp: 229438

Ion Ratio Lower Upper

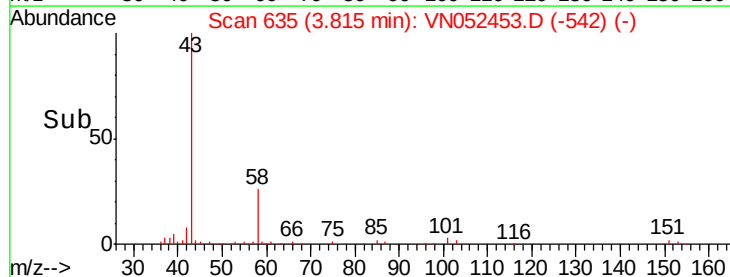
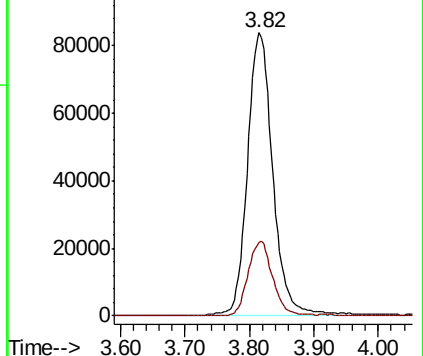
43 100

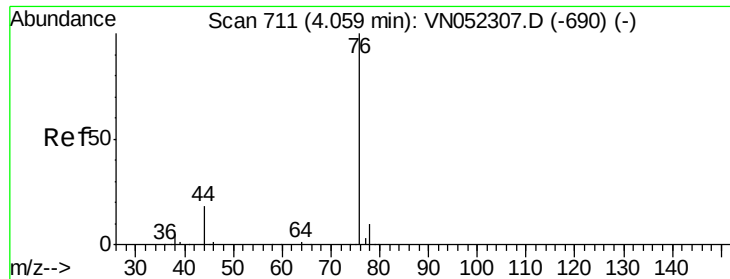
58 25.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

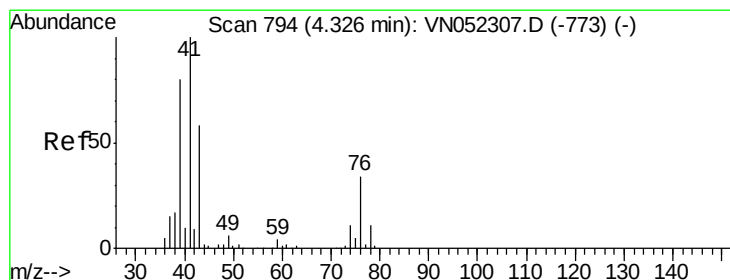
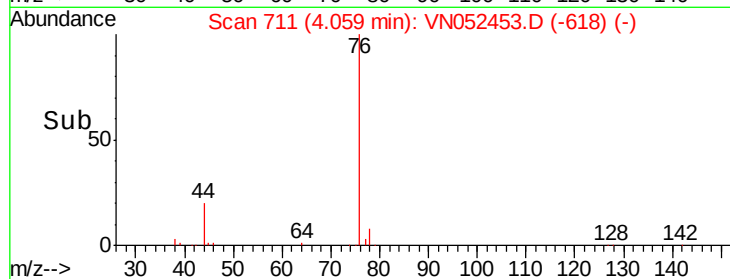
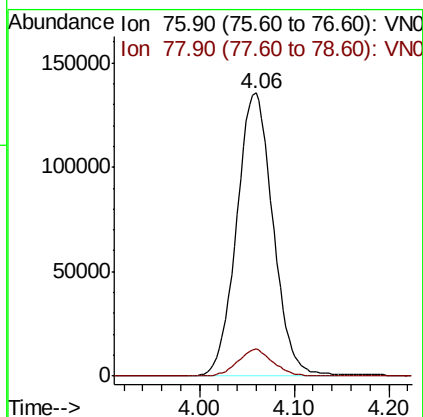
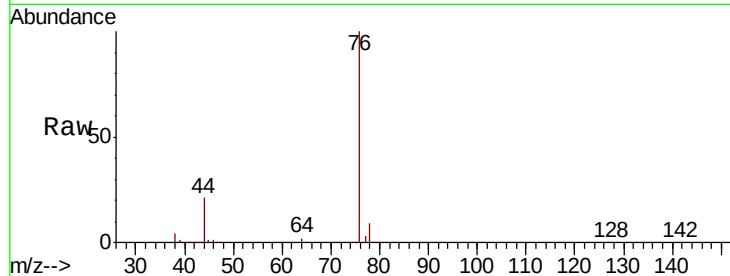




#17
Carbon Disulfide
Concen: 46.587 ug/l
RT: 4.06 min Scan# 711
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

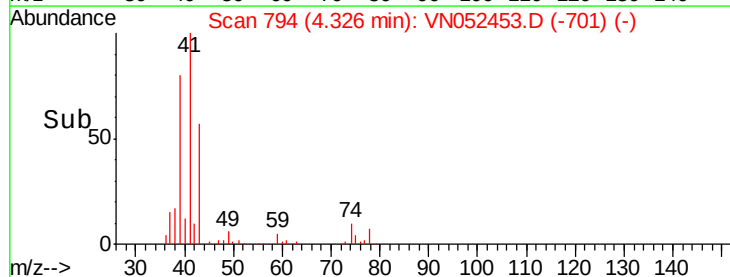
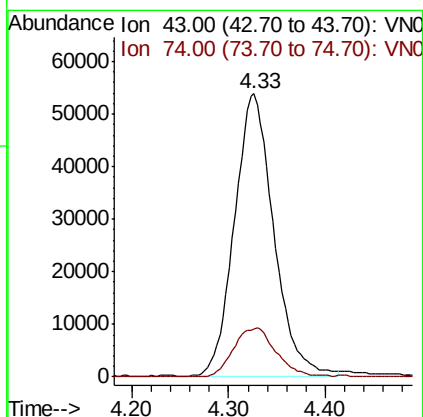
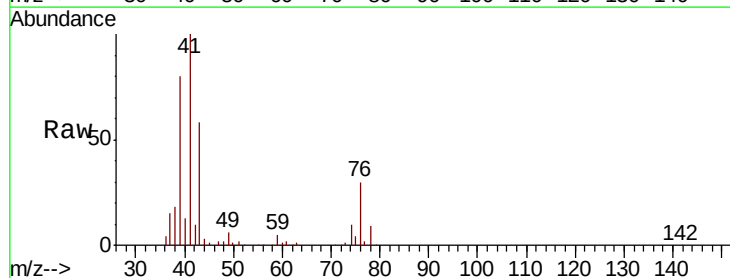
Instrument :
MSVOA_N
ClientSampled :

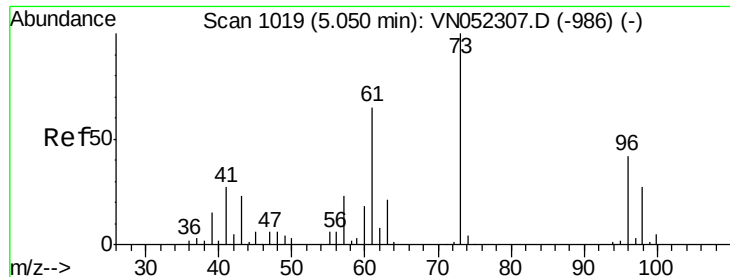
Tot Ion: 76 Resp: 361897
Ion Ratio Lower Upper
76 100
78 9.5 7.7 11.5



#18
Methyl Acetate
Concen: 52.630 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion: 43 Resp: 150997
Ion Ratio Lower Upper
43 100
74 19.0 15.9 23.9

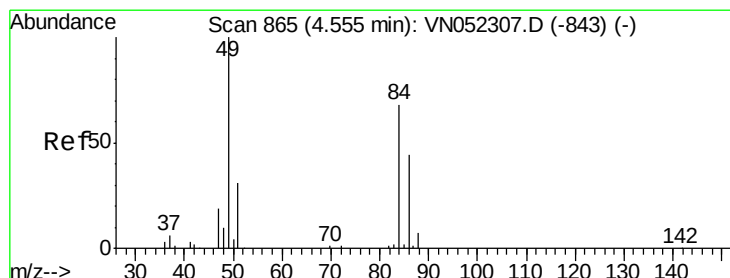
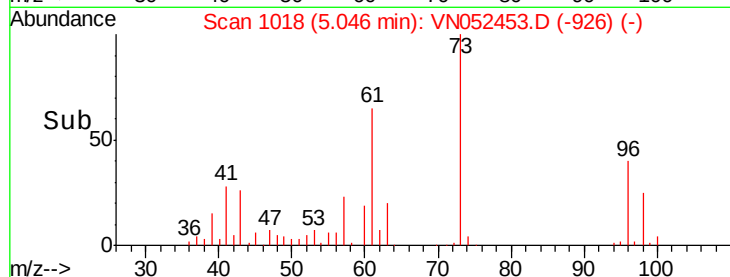
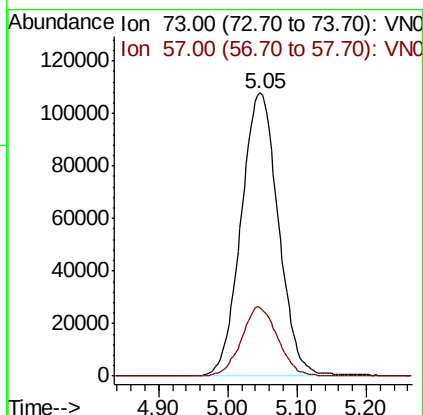
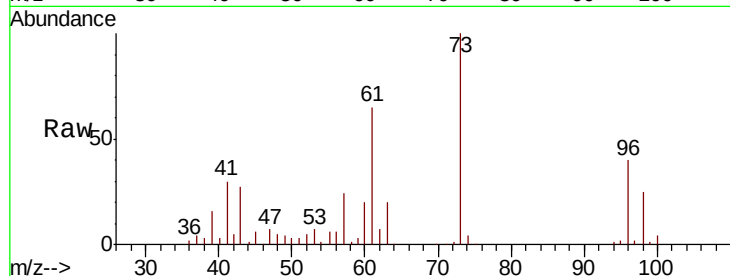




#19
Methyl tert-butyl Ether
Concen: 51.876 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

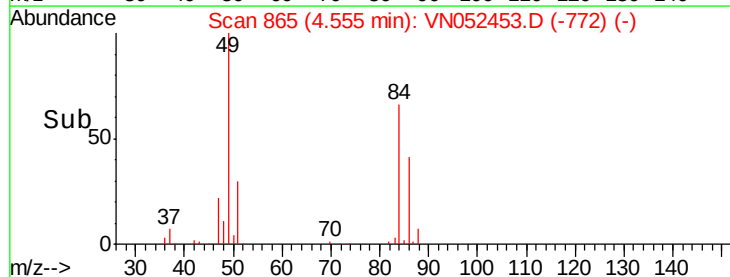
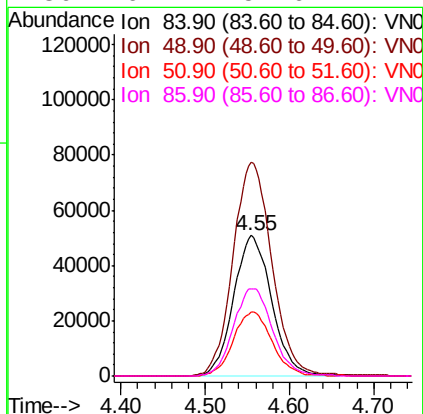
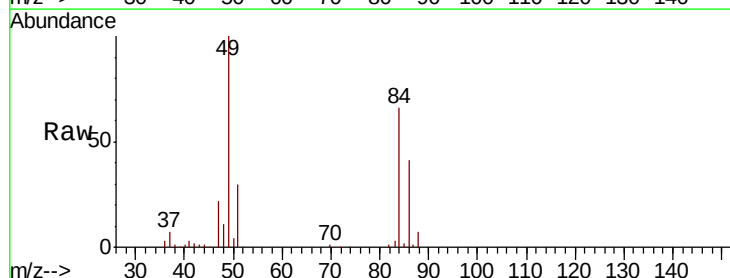
Instrument :
MSVOA_N
ClientSampled :

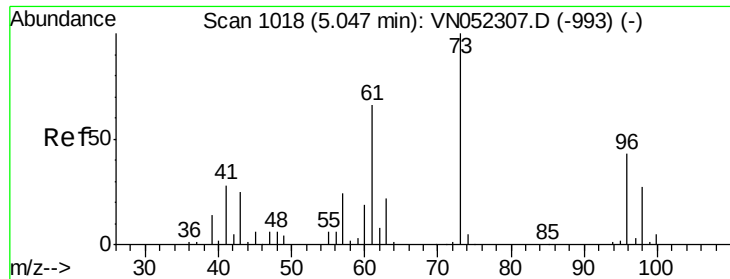
Tot Ion: 73 Resp: 403865
Ion Ratio Lower Upper
73 100
57 23.9 18.7 28.1



#20
Methylene Chloride
Concen: 51.223 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion: 84 Resp: 159427
Ion Ratio Lower Upper
84 100
49 152.3 118.2 177.2
51 45.2 36.1 54.1
86 62.1 51.6 77.4

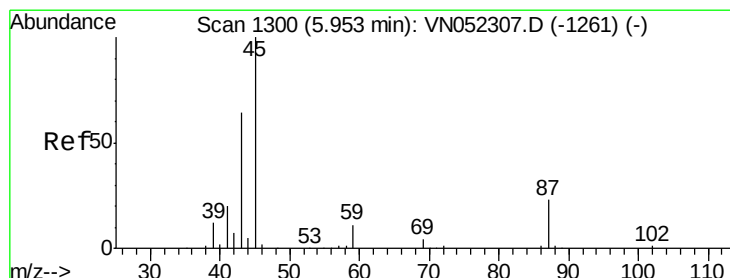
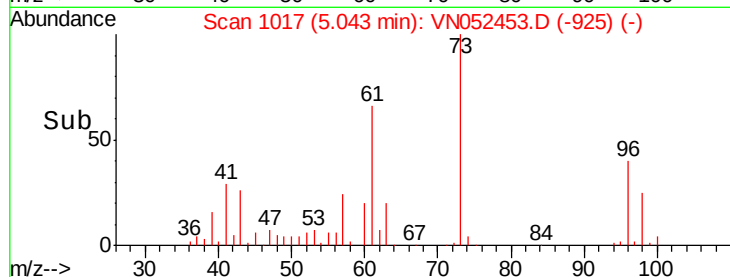
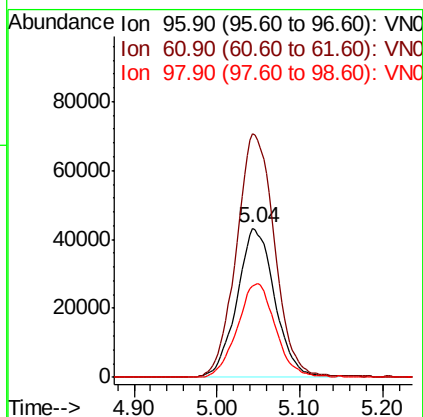
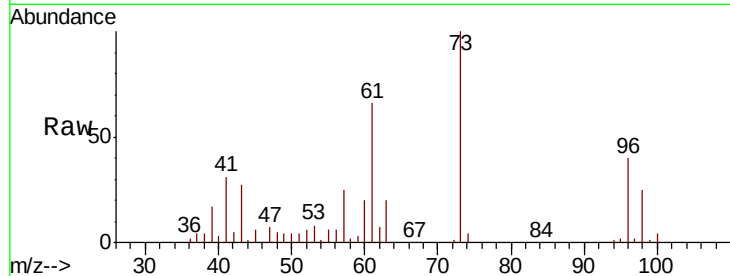




#21
trans-1,2-Dichloroethene
Concen: 47.019 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

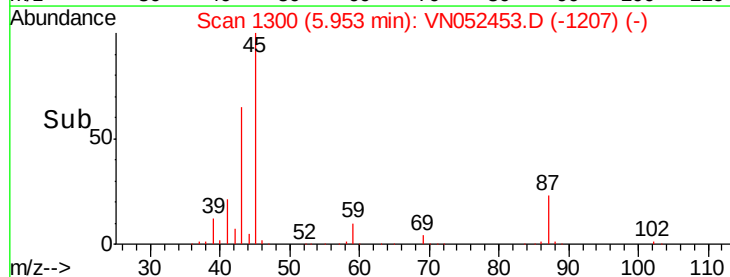
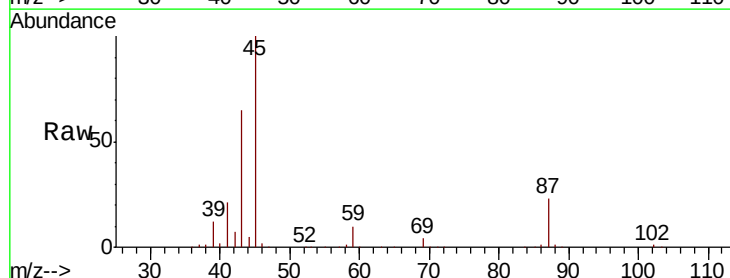
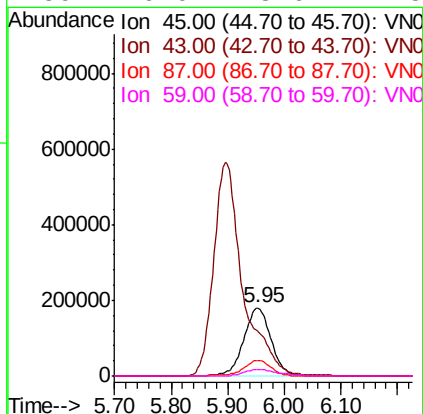
Instrument :
MSVOA_N
ClientSampled :

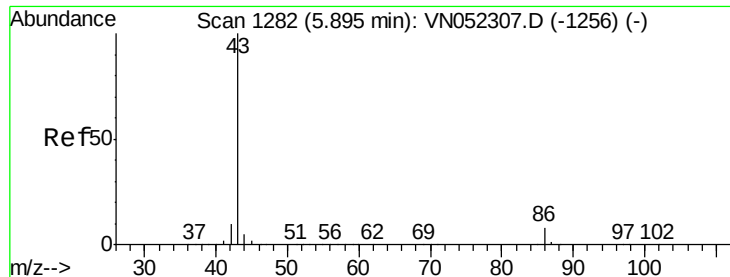
Tot Ion: 96 Resp: 137141
Ion Ratio Lower Upper
96 100
61 163.5 123.6 185.4
98 61.7 50.7 76.1



#22
Diisopropyl ether
Concen: 53.272 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion: 45 Resp: 604624
Ion Ratio Lower Upper
45 100
43 64.4 51.4 77.2
87 23.2 18.8 28.2
59 10.0 8.6 12.8





#23

Vinyl Acetate

Concen: 261.868 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

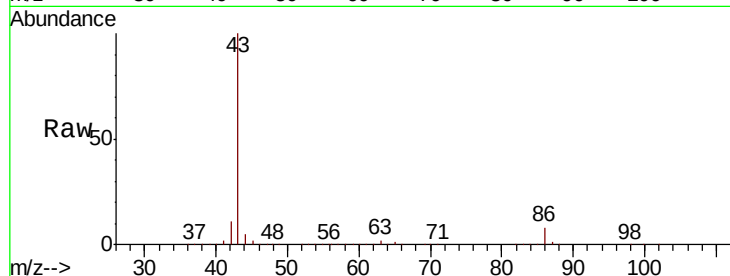
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 2016189

Ion Ratio Lower Upper

43 100

86 7.6 6.5 9.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.90

600000

500000

400000

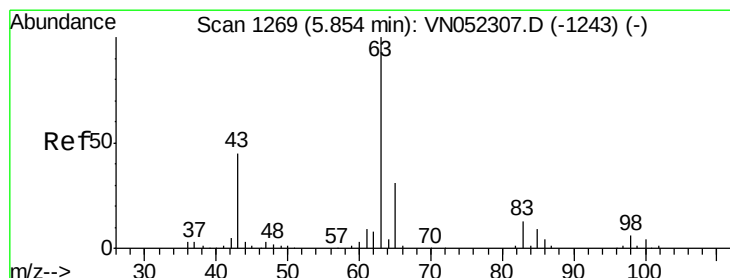
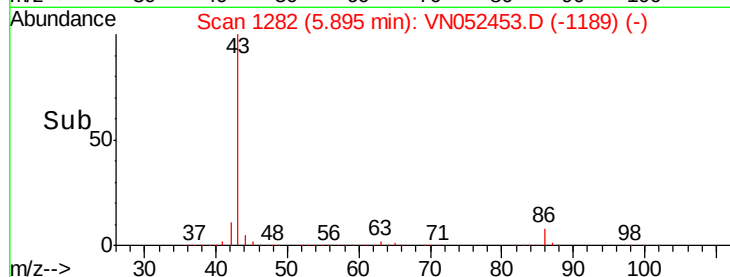
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.791 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

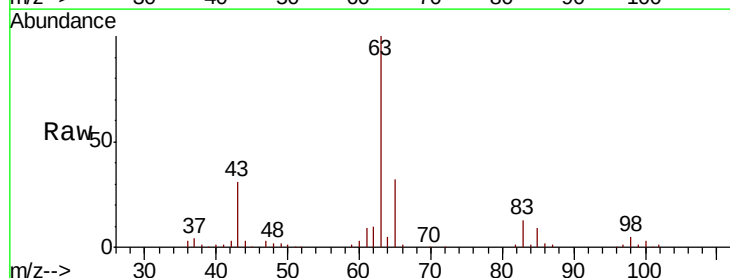
Tgt Ion: 63 Resp: 309110

Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.6

100 3.3 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

120000

100000

80000

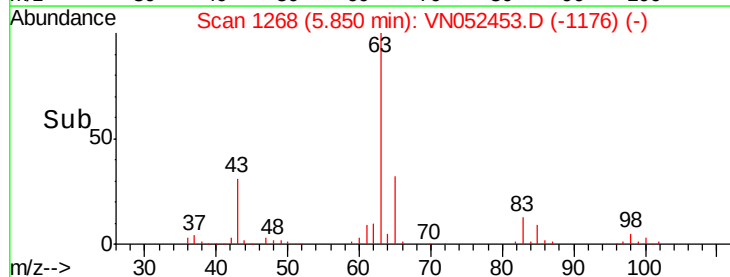
60000

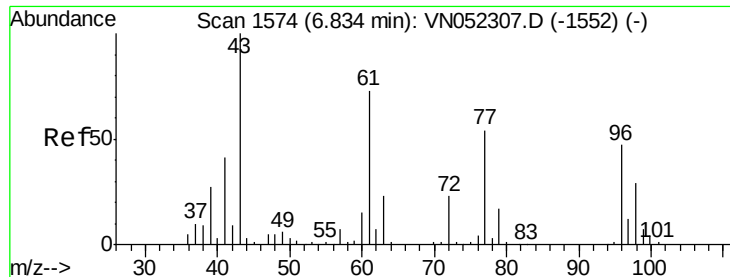
40000

20000

0

Time-->





#25

2-Butanone

Concen: 245.566 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

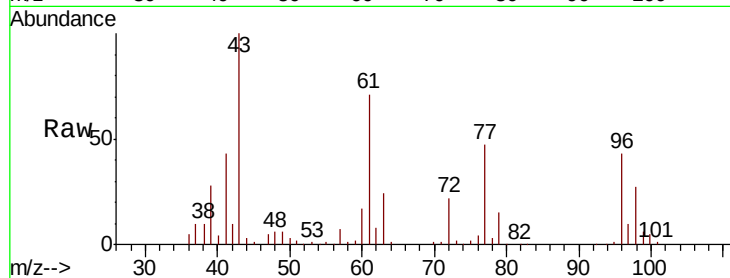
ClientSampled :

Tot Ion: 43 Resp: 353735

Ion Ratio Lower Upper

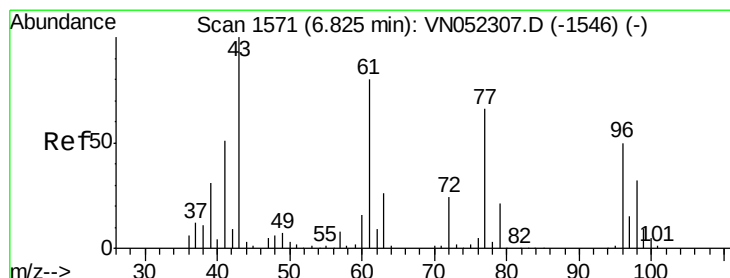
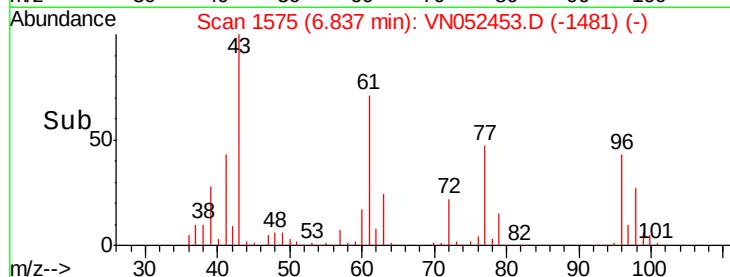
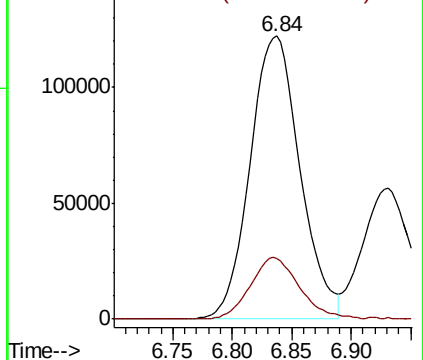
43 100

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: 45.263 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN052453.D

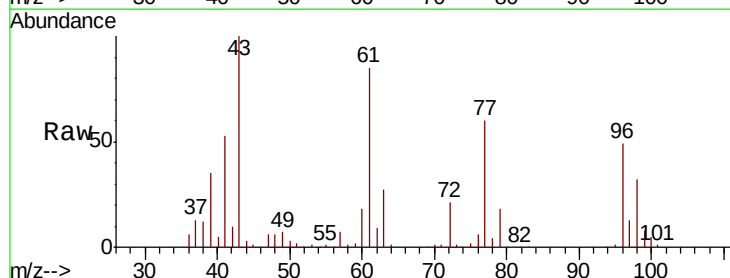
Acq: 21 Nov 2018 21:50

Tgt Ion: 77 Resp: 202559

Ion Ratio Lower Upper

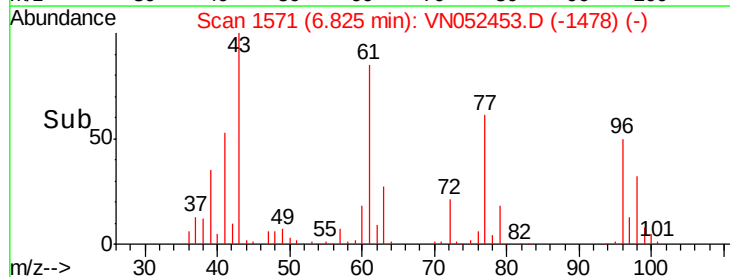
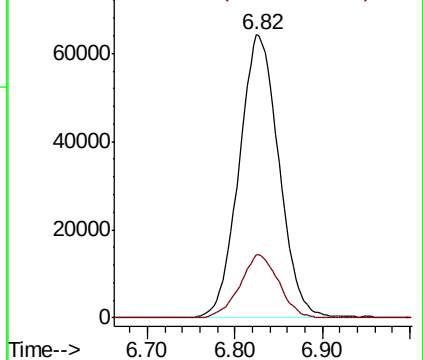
77 100

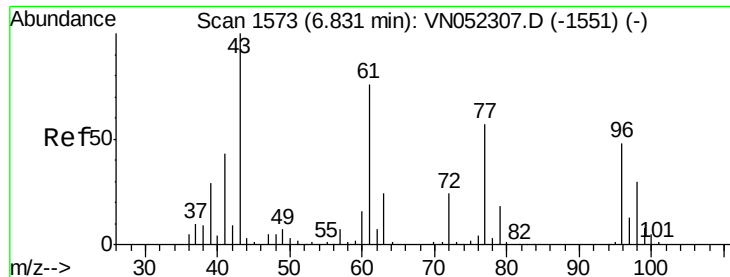
97 21.6 11.1 33.1



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



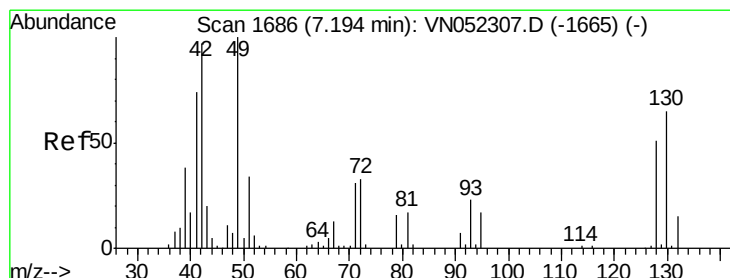
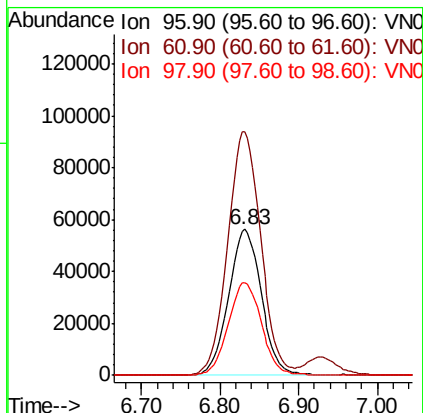
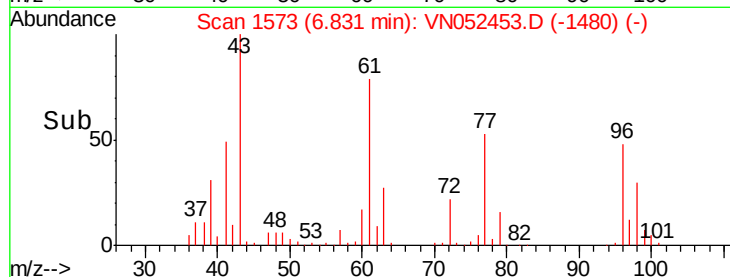
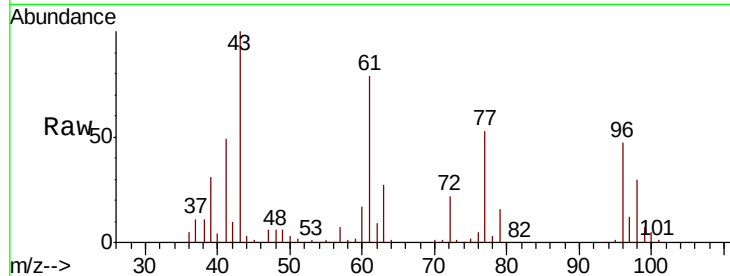


#27

cis-1,2-Dichloroethene
Concen: 48.265 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Instrument :
MSVOA_N
ClientSampled :

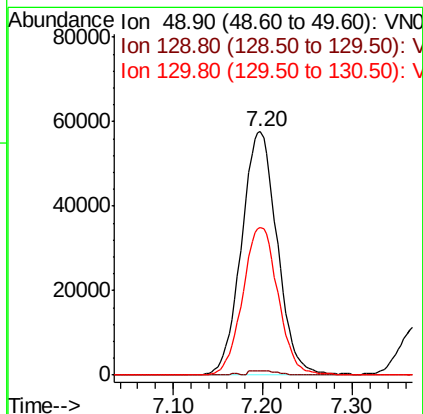
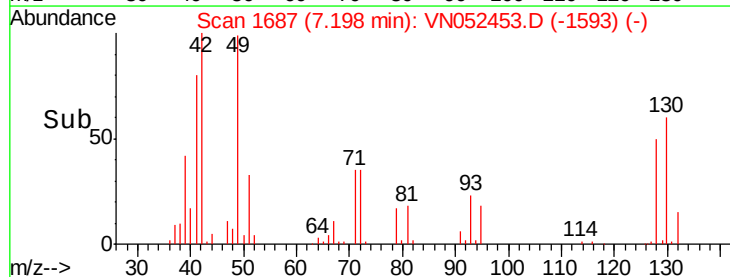
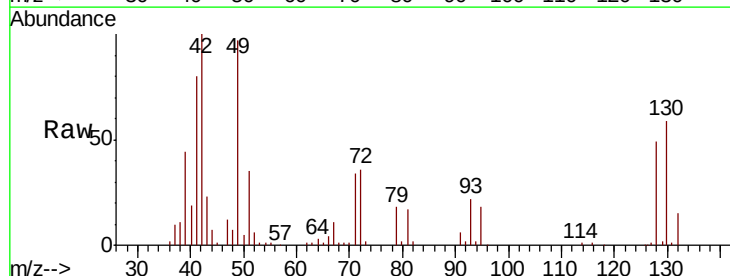
Tot Ion: 96 Resp: 163880
Ion Ratio Lower Upper
96 100
61 167.7 0.0 316.8
98 64.4 0.0 126.6

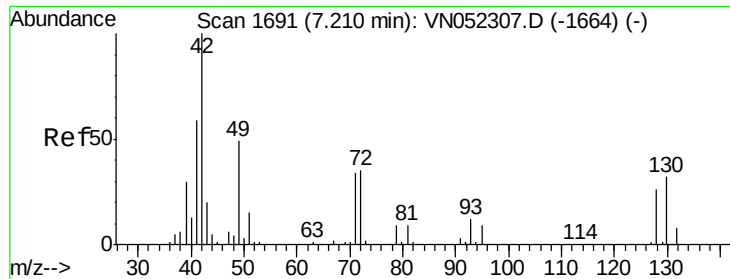


#28

Bromochloromethane
Concen: 51.294 ug/l
RT: 7.20 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion: 49 Resp: 160513
Ion Ratio Lower Upper
49 100
129 1.4 0.0 3.0
130 60.3 50.4 75.6

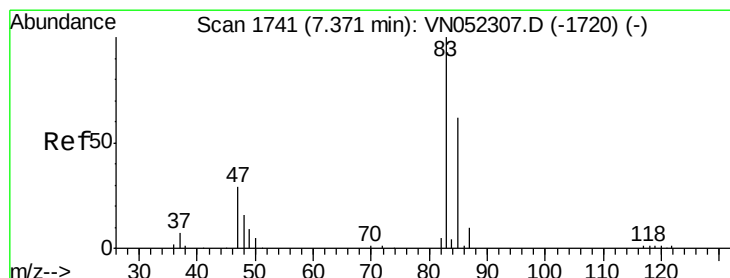
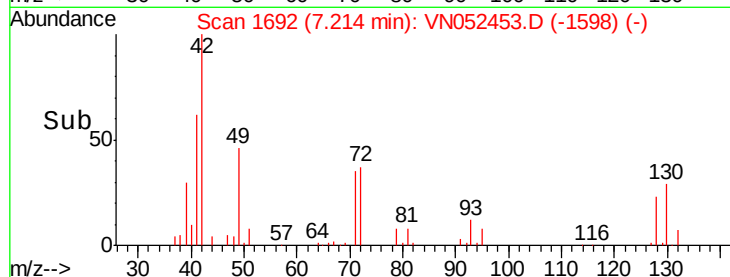
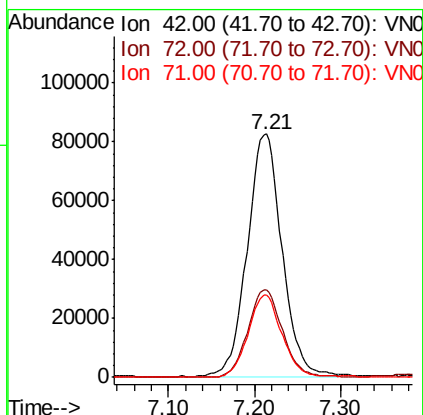
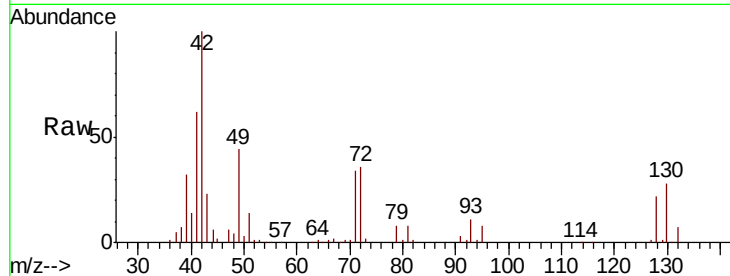




#29
Tetrahydrofuran
Concen: 244.331 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

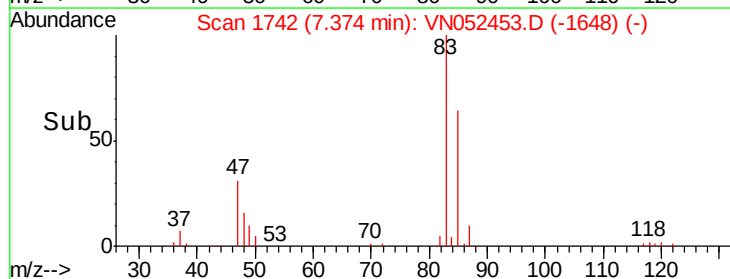
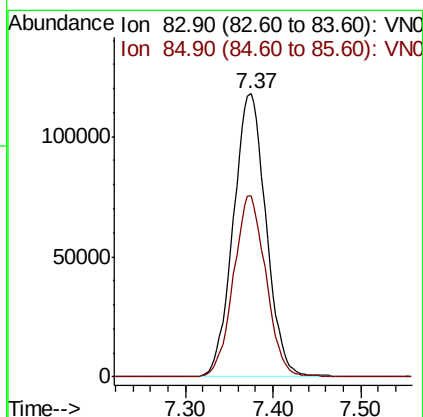
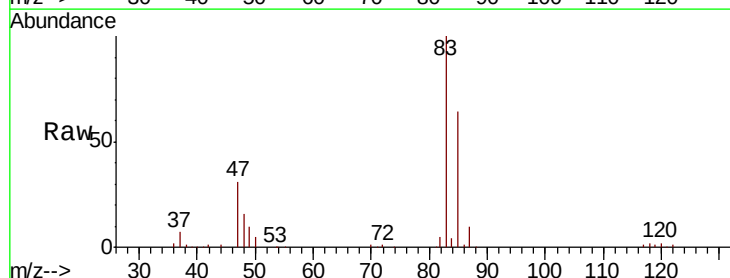
Instrument :
MSVOA_N
ClientSampleId :

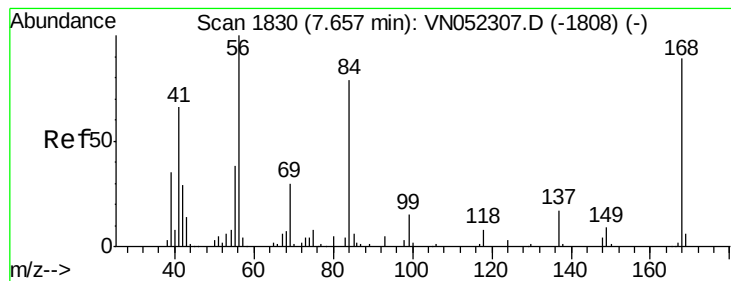
Tot Ion: 42 Resp: 231210
Ion Ratio Lower Upper
42 100
72 36.1 28.6 42.8
71 33.4 26.7 40.1



#30
Chloroform
Concen: 52.887 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion: 83 Resp: 306743
Ion Ratio Lower Upper
83 100
85 63.8 49.4 74.2





#31

Cyclohexane

Concen: 48.798 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

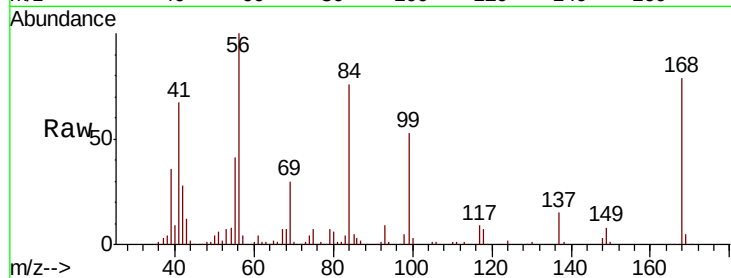
Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 275877

Ion	Ratio	Lower	Upper
56	100		
69	30.1	23.8	35.8
84	73.7	63.0	94.6

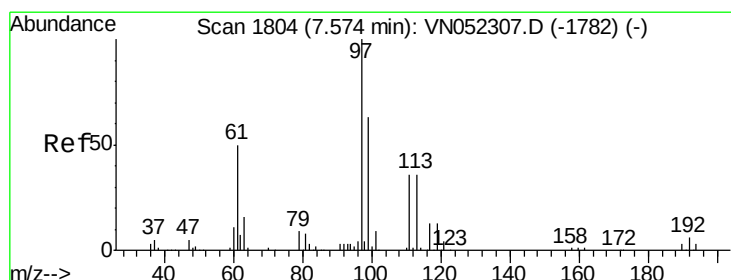
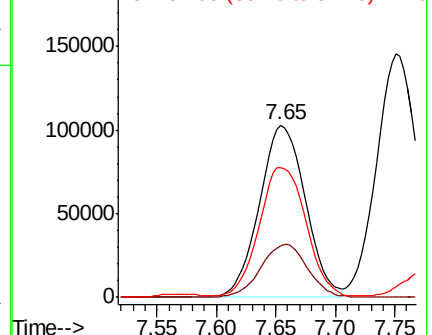
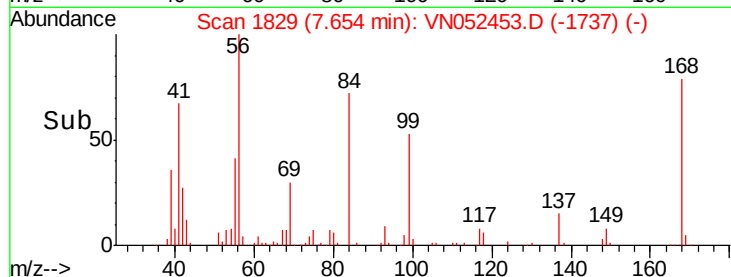


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 51.885 ug/l

RT: 7.57 min Scan# 1804

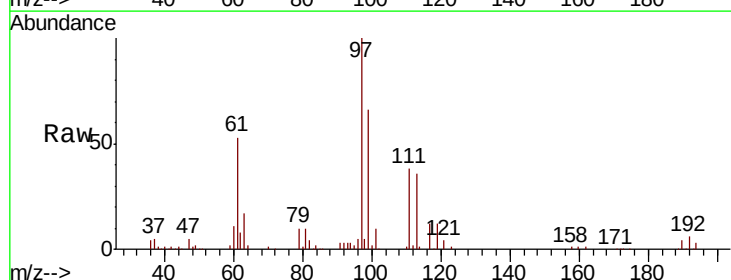
Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Tgt Ion: 97 Resp: 256352

Ion	Ratio	Lower	Upper
97	100		
99	63.6	50.2	75.2
61	53.7	40.2	60.4

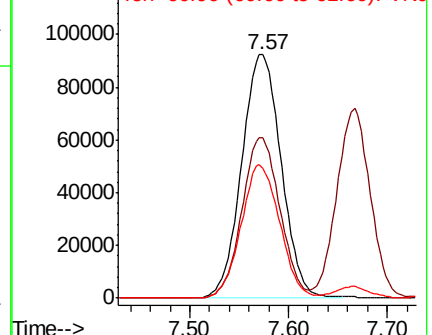
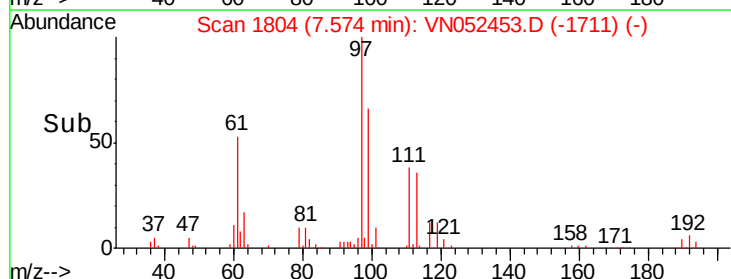


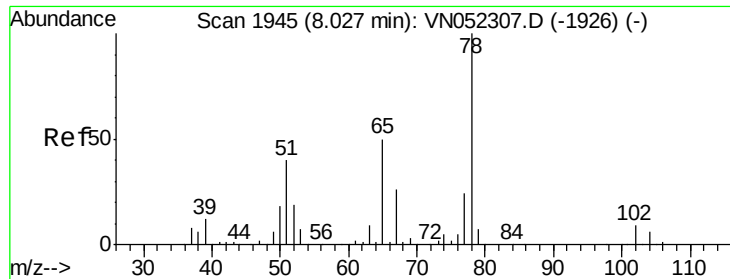
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

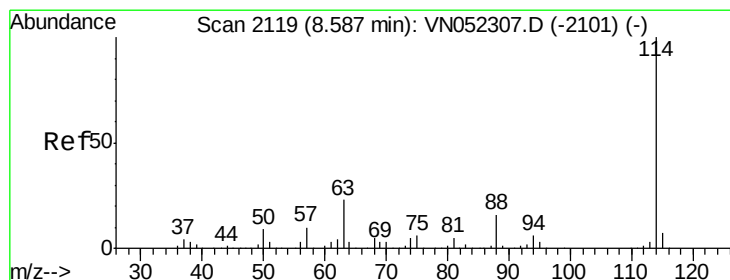
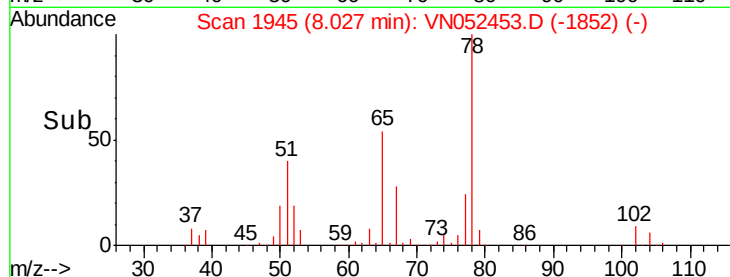
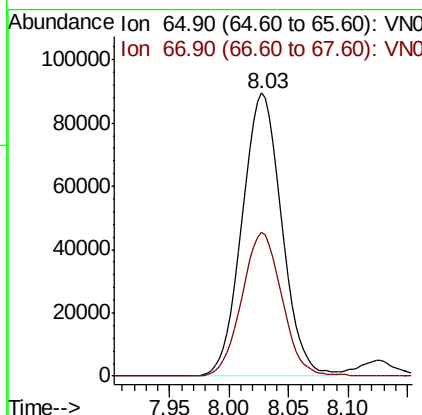
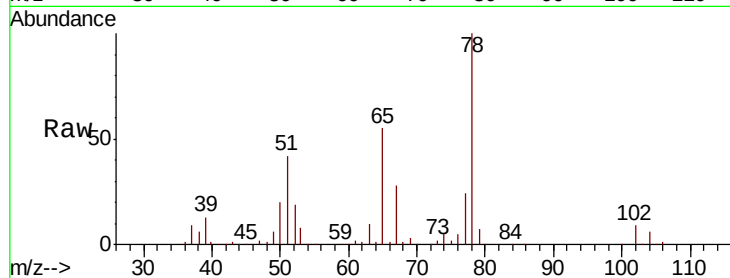




#33
 1,2-Dichloroethane-d4
 Concen: 51.885 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

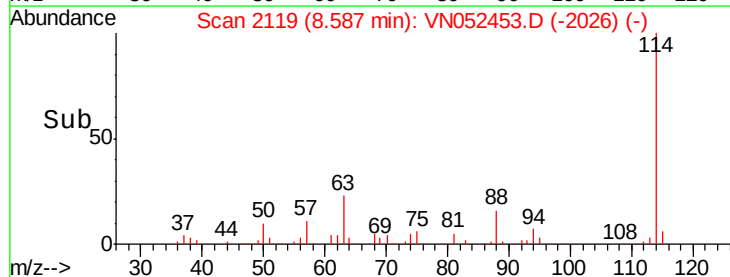
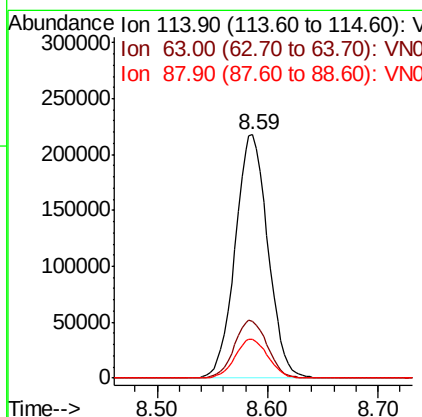
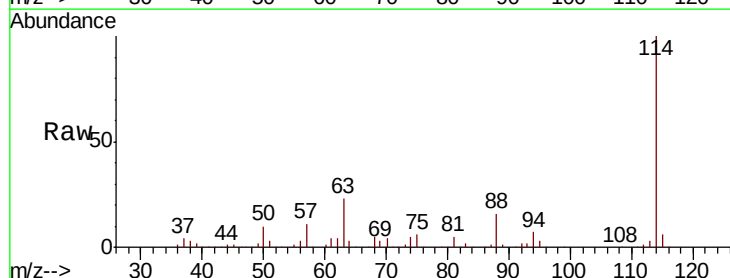
Instrument :
 MSVOA_N
 ClientSampleId :

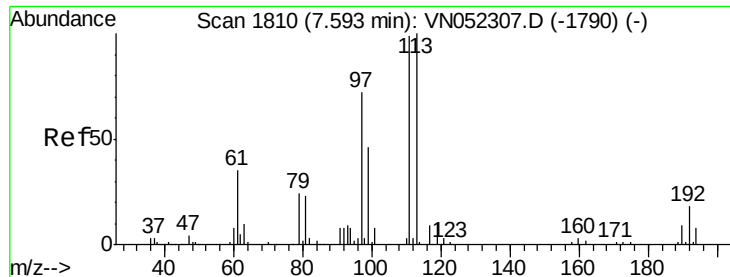
Tot Ion: 65 Resp: 207206
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Tgt Ion: 114 Resp: 446901
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.4
 88 15.9 0.0 31.2

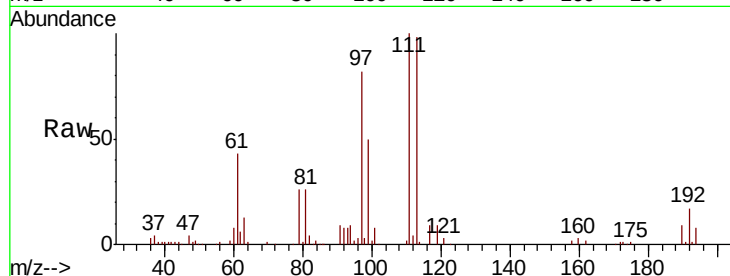




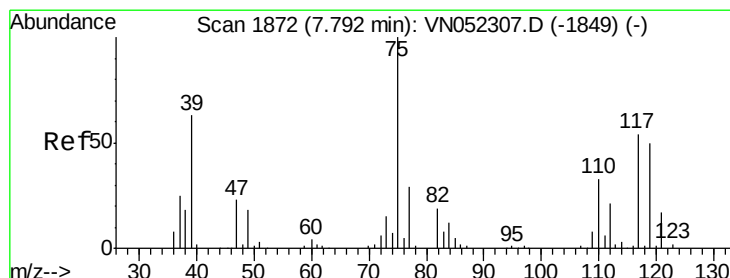
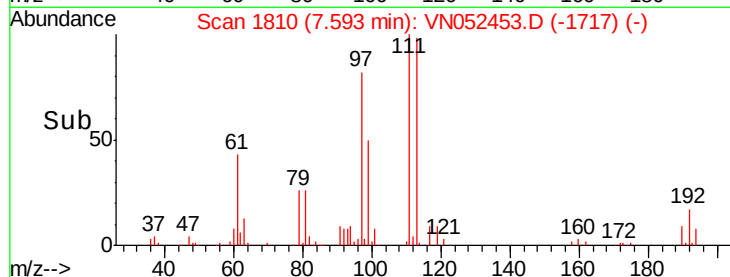
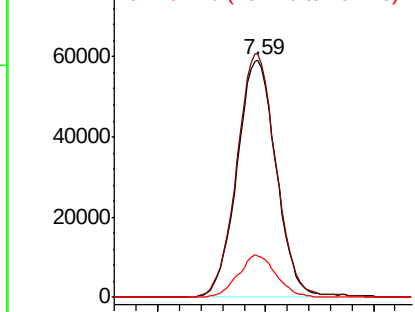
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 149363
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.0 121.6
 192 17.3 13.8 20.6

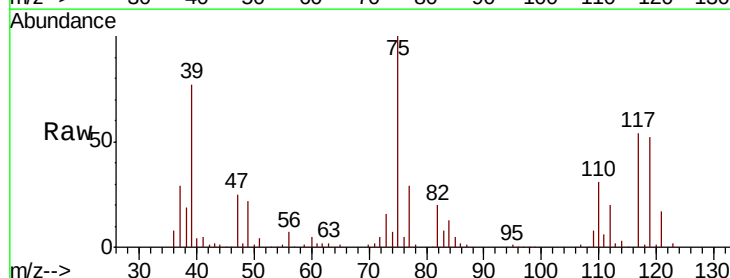


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

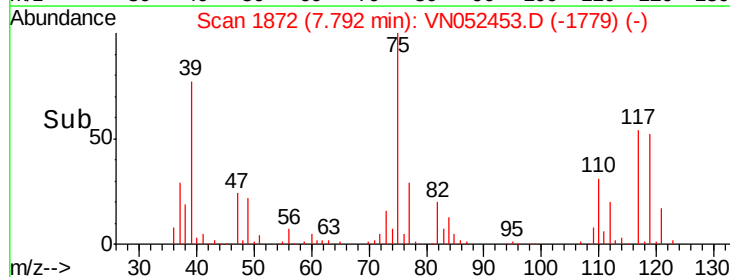
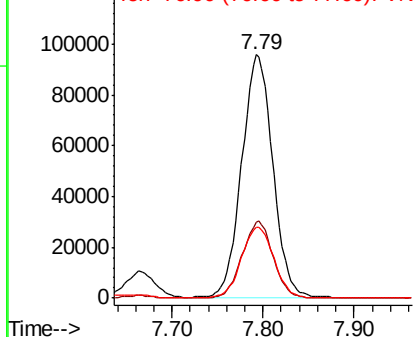


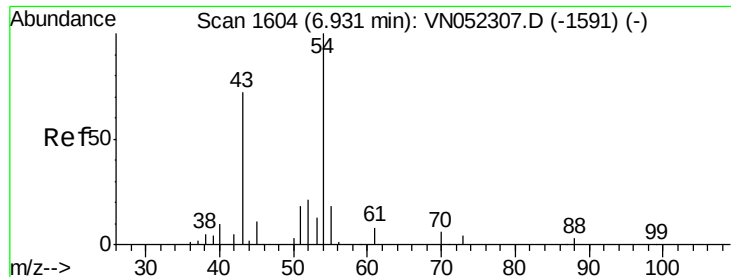
#36
 1,1-Dichloropropene
 Concen: 50.794 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Tgt Ion: 75 Resp: 227520
 Ion Ratio Lower Upper
 75 100
 110 31.2 16.5 49.5
 77 30.8 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

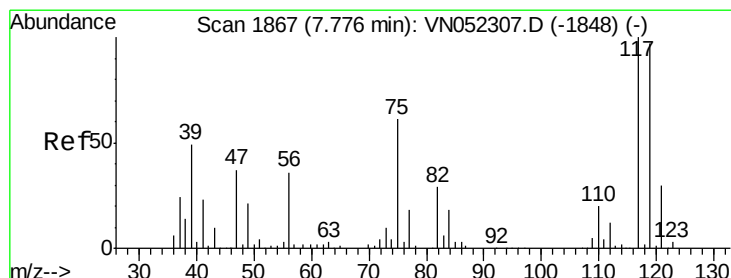
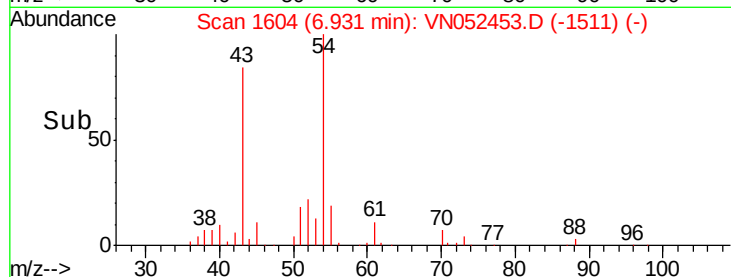
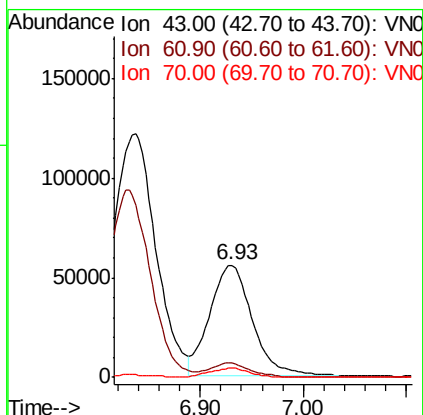
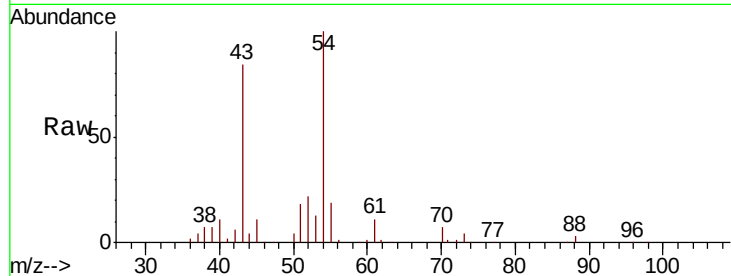




#37
Ethyl Acetate
Concen: 49.348 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

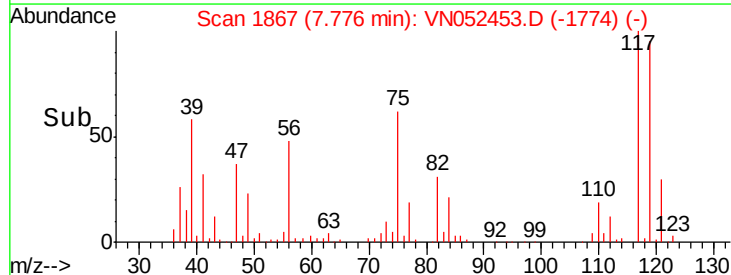
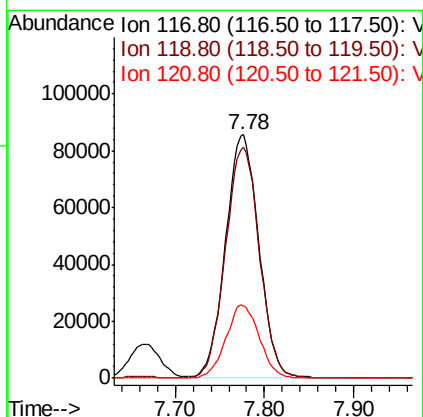
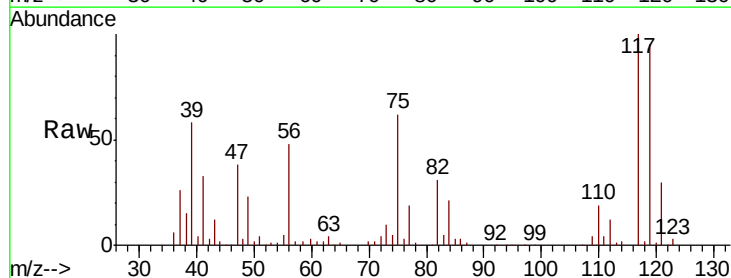
Instrument :
MSVOA_N
ClientSampled :

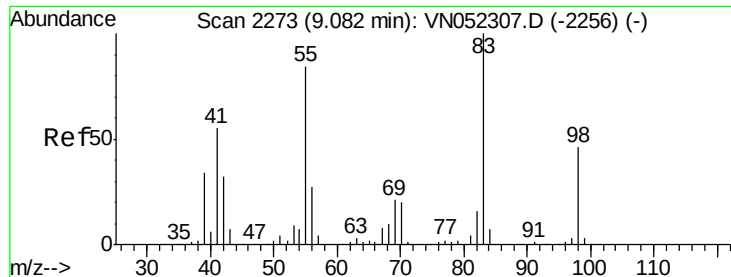
Tot Ion: 43 Resp: 160423
Ion Ratio Lower Upper
43 100
61 11.2 10.3 15.5
70 7.7 5.6 8.4



#38
Carbon Tetrachloride
Concen: 53.975 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion: 117 Resp: 222119
Ion Ratio Lower Upper
117 100
119 95.0 77.4 116.0
121 29.7 24.0 36.0

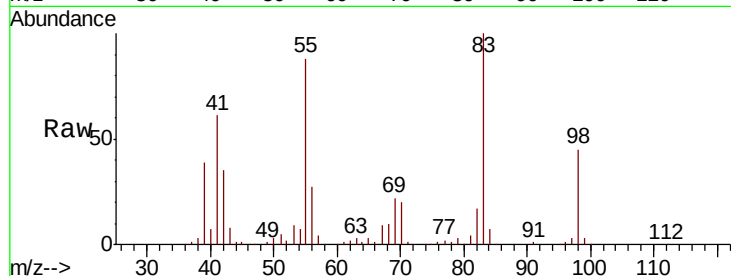




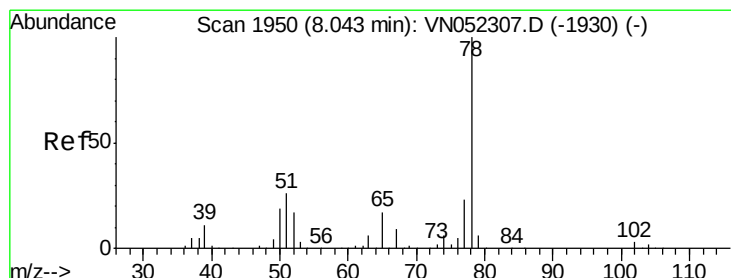
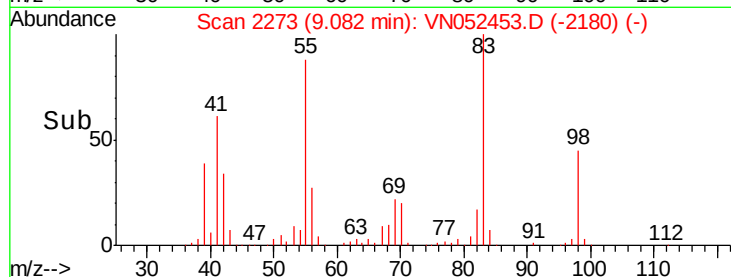
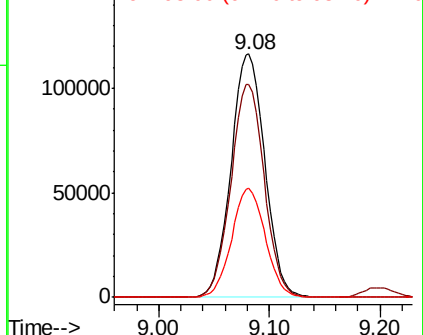
#39
Methylvlcyclohexane
Concen: 48.448 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 247734
Ion Ratio Lower Upper
83 100
55 87.7 66.8 100.2
98 44.6 36.4 54.6

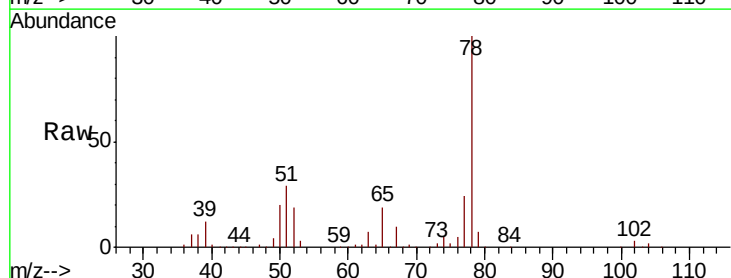


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

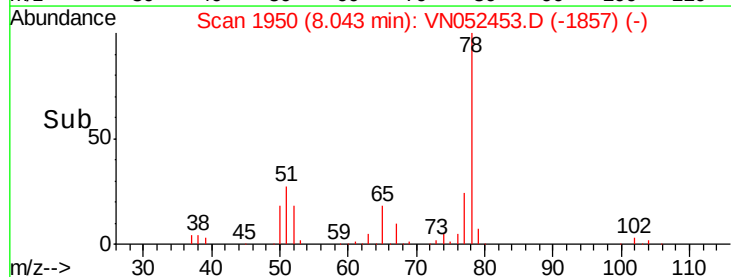
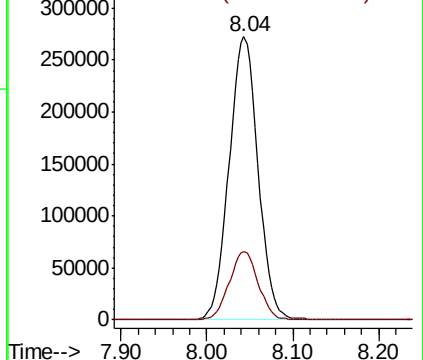


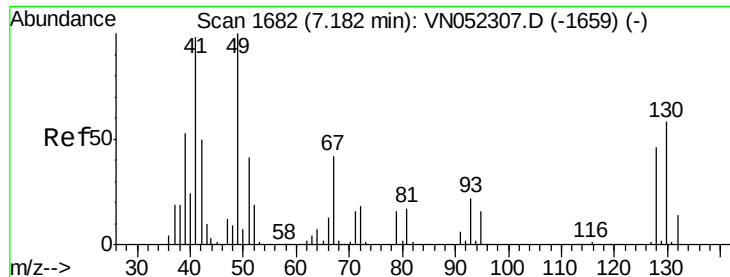
#40
Benzene
Concen: 49.756 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion: 78 Resp: 636695
Ion Ratio Lower Upper
78 100
77 24.3 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: 49.459 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 89219

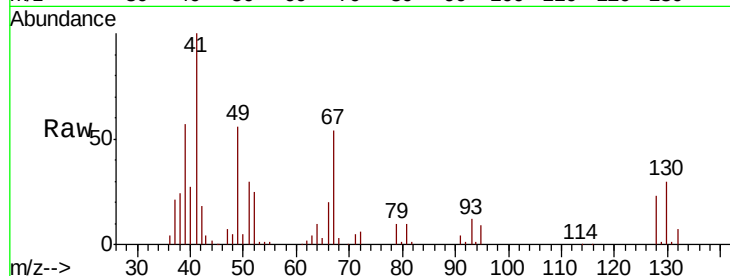
Ion Ratio Lower Upper

41 100

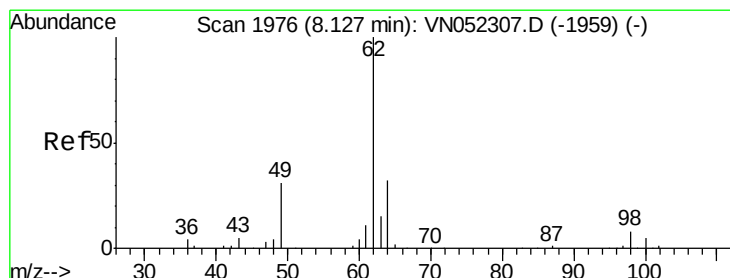
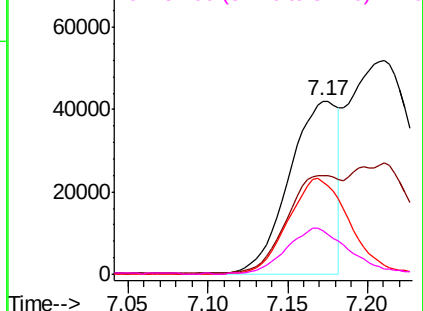
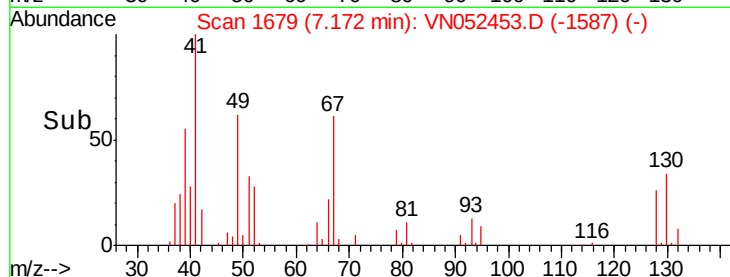
39 62.9 0.0 0.0#

67 71.4 0.0 0.0#

52 34.6 0.0 0.0#



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 55.718 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN052453.D

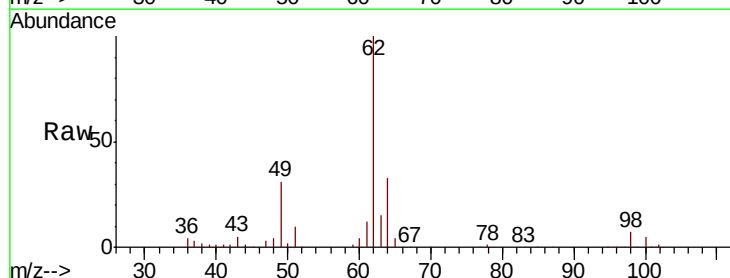
Acq: 21 Nov 2018 21:50

Tgt Ion: 62 Resp: 254246

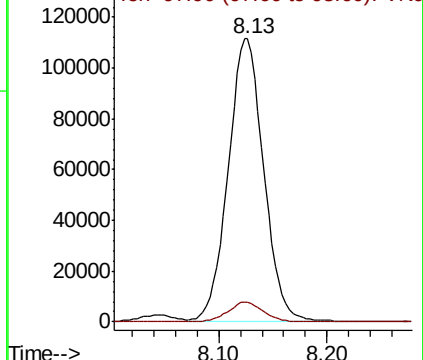
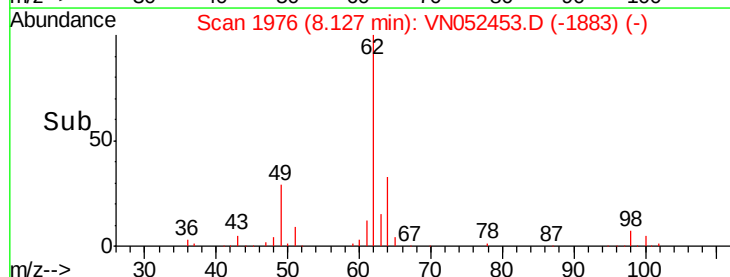
Ion Ratio Lower Upper

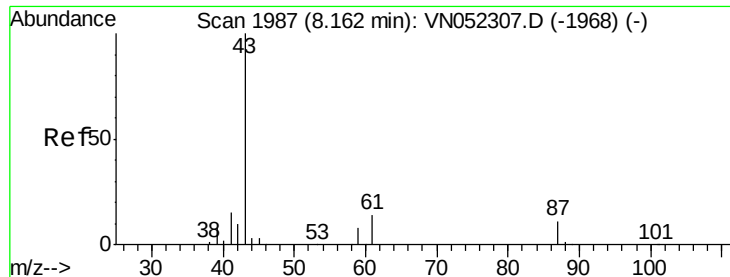
62 100

98 7.0 0.0 15.6



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 48.593 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

ClientSampleId :

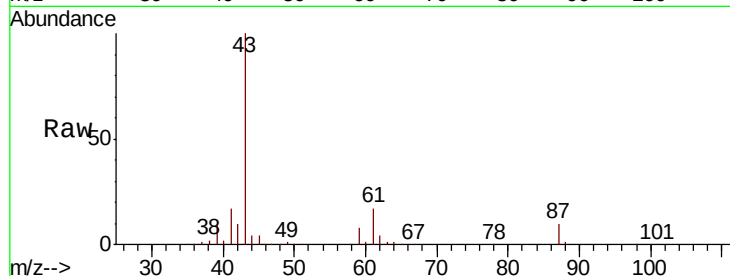
Tot Ion: 43 Resp: 304820

Ion Ratio Lower Upper

43 100

61 14.9 12.0 18.0

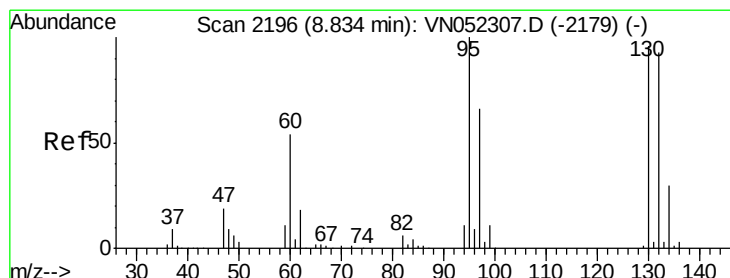
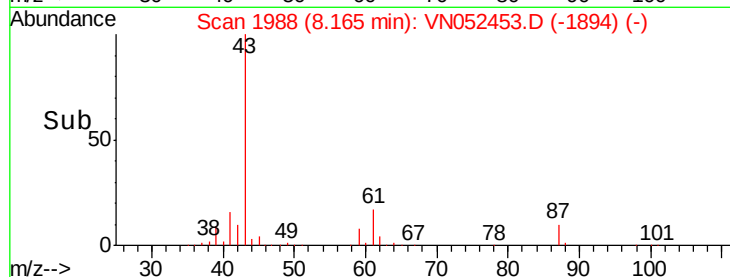
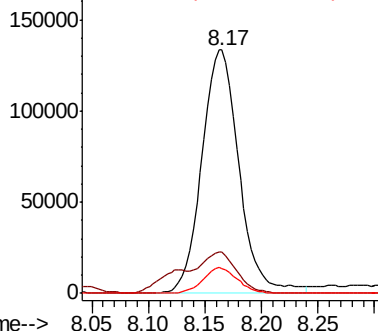
87 9.8 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VN052307.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052307.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052307.D (-1968) (-)



#44

Trichloroethene

Concen: 50.511 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052453.D

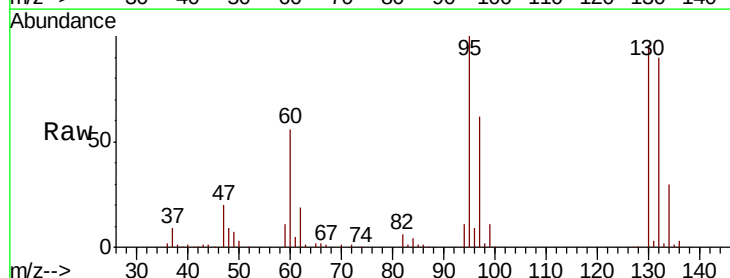
Acq: 21 Nov 2018 21:50

Tgt Ion:130 Resp: 159213

Ion Ratio Lower Upper

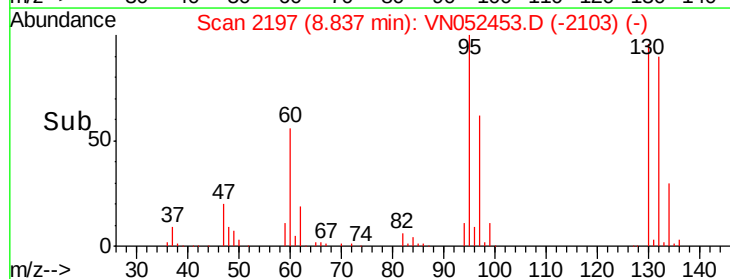
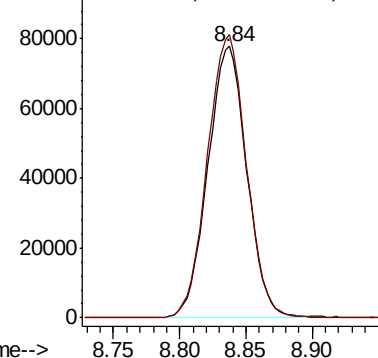
130 100

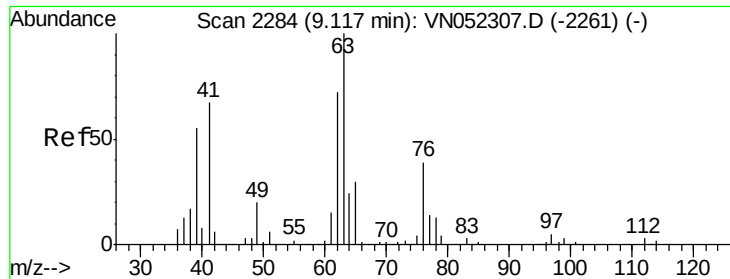
95 104.2 0.0 208.4



Abundance Ion 129.80 (129.50 to 130.50): VN052307.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN052307.D (-2179) (-)

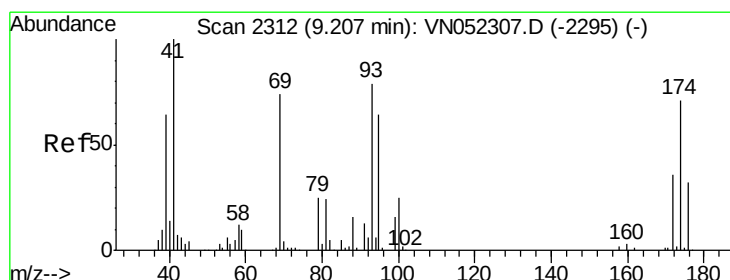
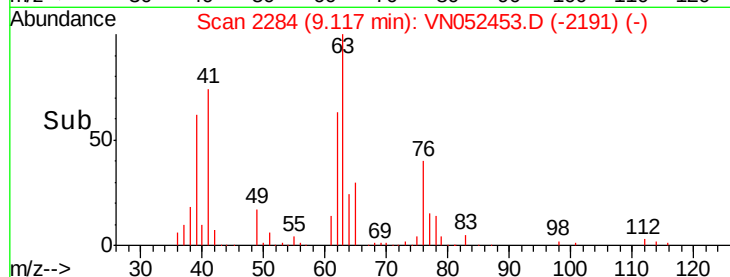
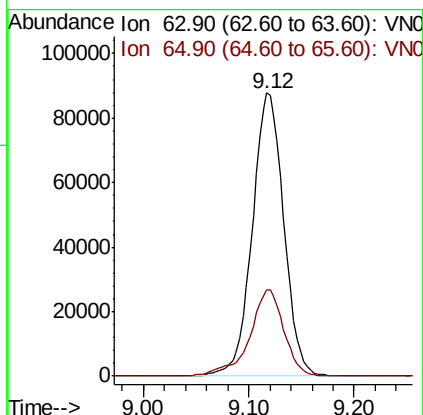
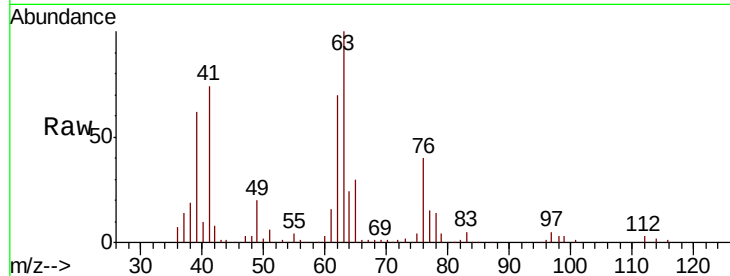




#45
 1,2-Dichloropropane
 Concen: 50.271 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

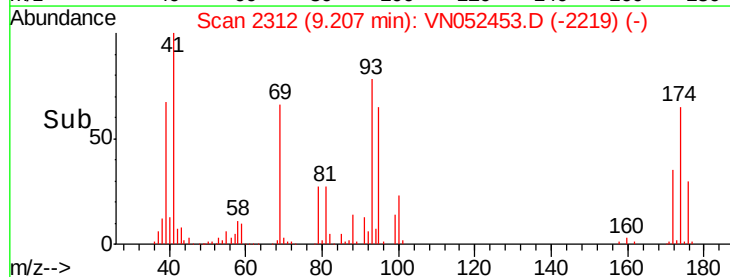
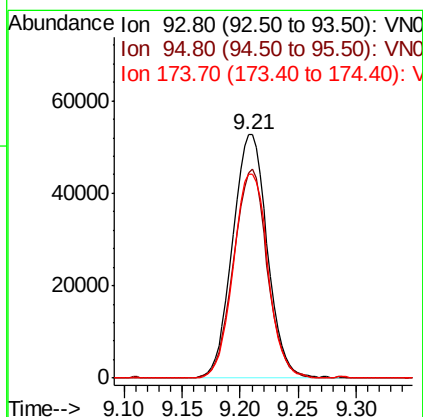
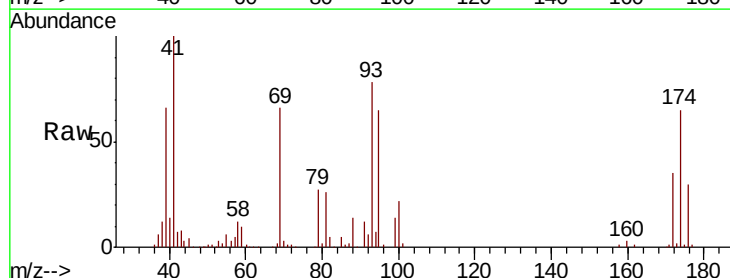
Instrument :
 MSVOA_N
 ClientSampleId :

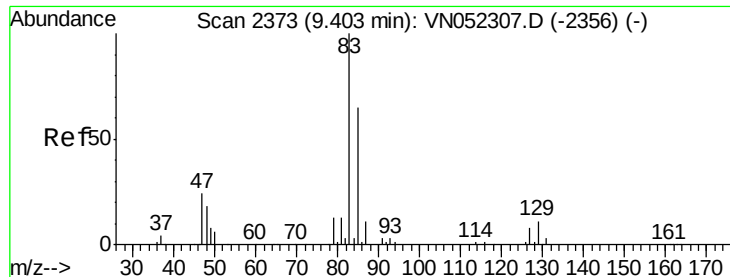
Tot Ion: 63 Resp: 182561
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.2 36.4



#46
 Dibromomethane
 Concen: 52.108 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Tgt Ion: 93 Resp: 109546
 Ion Ratio Lower Upper
 93 100
 95 83.2 64.2 96.2
 174 83.3 70.9 106.3





#47

Bromodichloromethane

Concen: 54.475 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

ClientSampleId :

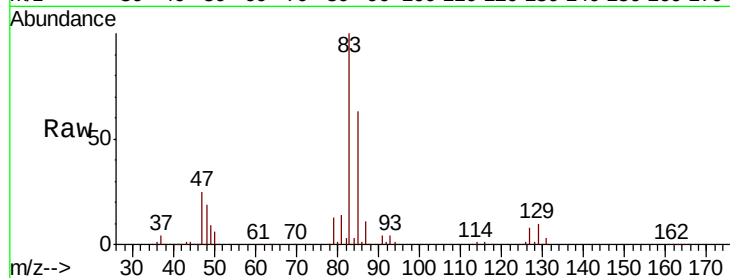
Tot Ion: 83 Resp: 235010

Ion Ratio Lower Upper

83 100

85 63.4 52.2 78.4

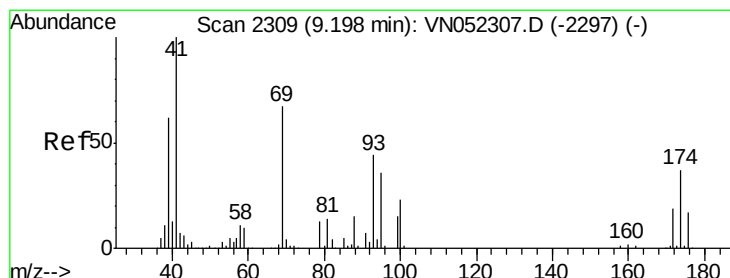
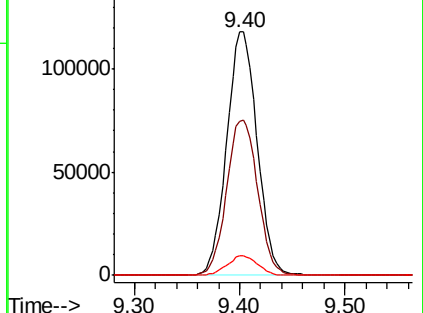
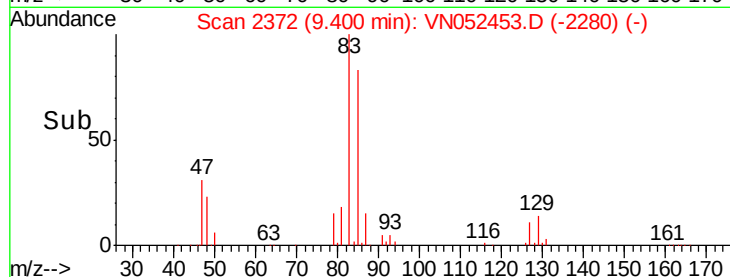
127 8.1 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN052307.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN052307.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN052307.D (-2356) (-)



#48

Methyl methacrylate

Concen: 49.664 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

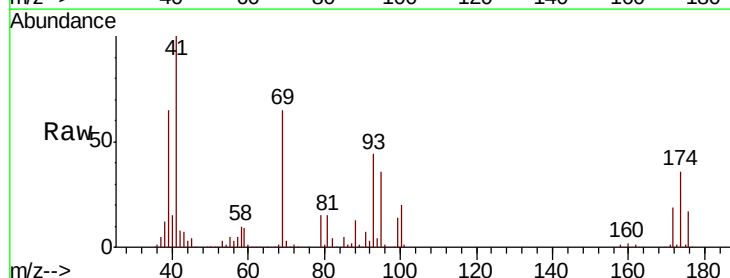
Tgt Ion: 41 Resp: 158081

Ion Ratio Lower Upper

41 100

69 68.1 57.1 85.7

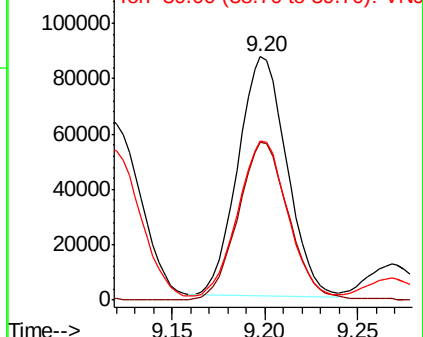
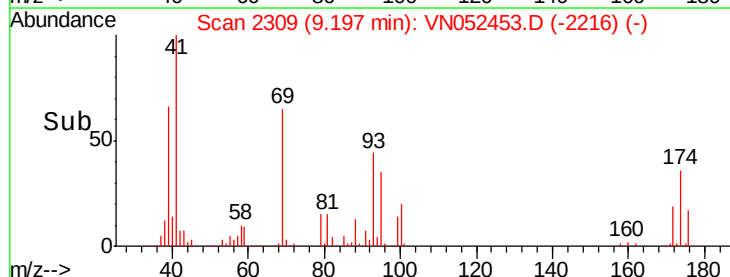
39 68.6 52.5 78.7

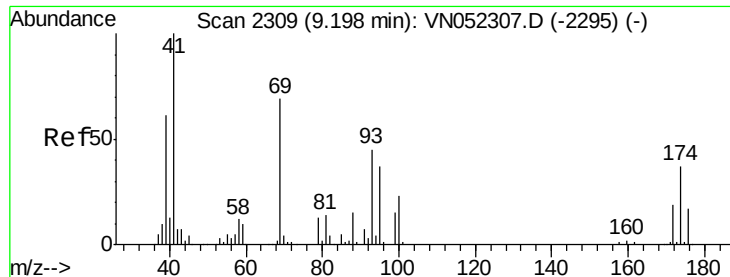


Abundance Ion 41.00 (40.70 to 41.70): VN052307.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN052307.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN052307.D (-2297) (-)





#49

1,4-Dioxane

Concen: 985.697 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

ClientSampleId :

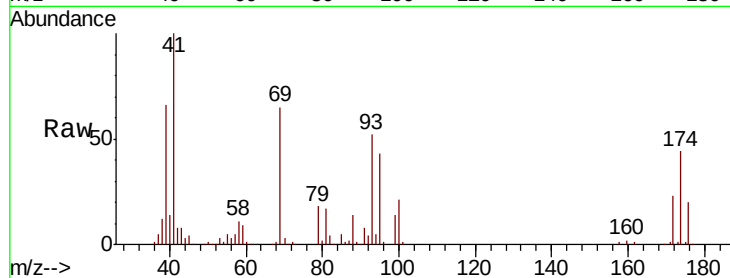
Tot Ion: 88 Resp: 24085

Ion Ratio Lower Upper

88 100

43 50.2 33.3 49.9#

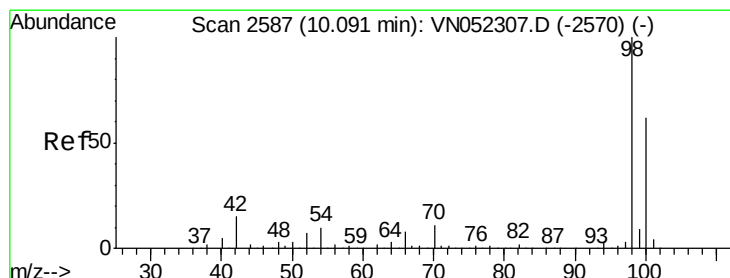
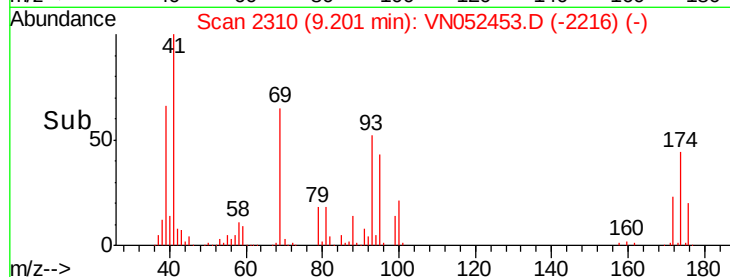
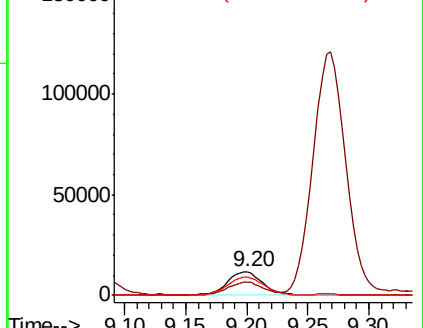
58 79.8 59.2 88.8



Abundance Ion 88.00 (87.70 to 88.70): VN052307.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN052307.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN052307.D (-2295) (-)



#50

Toluene-d8

Concen: 985.697 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052453.D

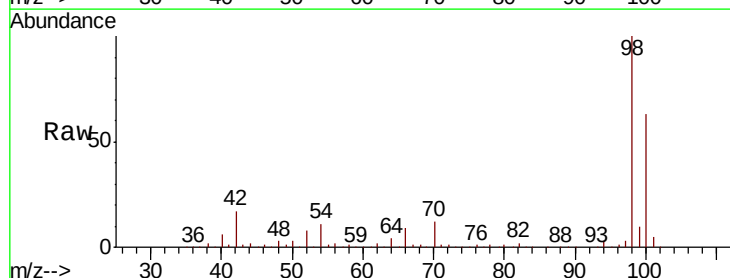
Acq: 21 Nov 2018 21:50

Tgt Ion: 98 Resp: 556599

Ion Ratio Lower Upper

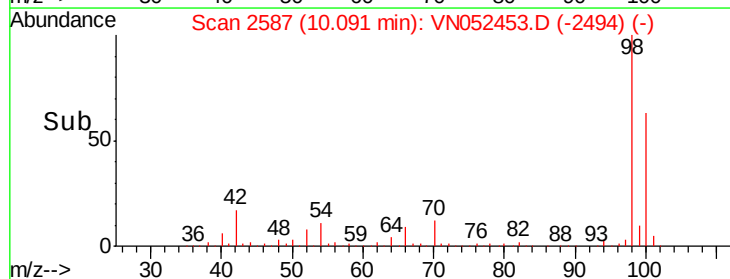
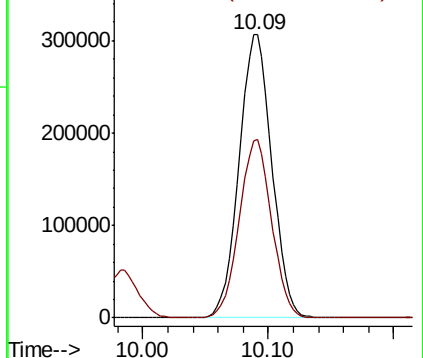
98 100

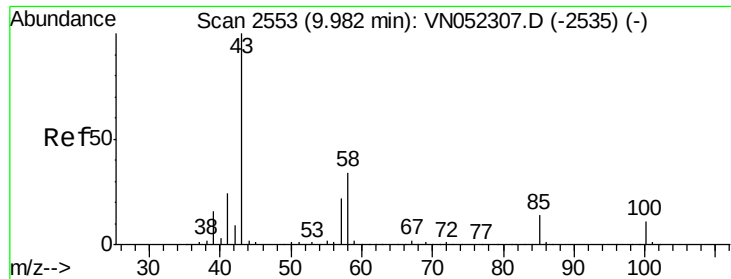
100 62.0 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052307.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052307.D (-2570) (-)





#51

4-Methyl-2-Pentanone

Concen: 265.893 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

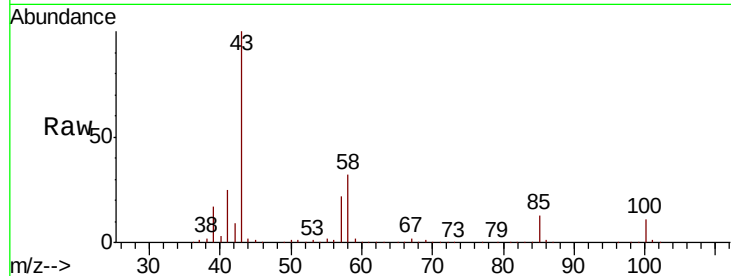
ClientSampleId :

Tot Ion: 43 Resp: 839591

Ion Ratio Lower Upper

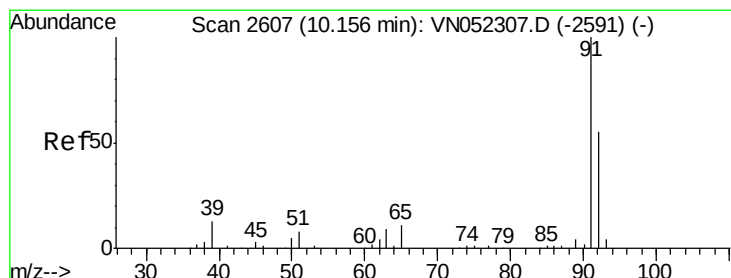
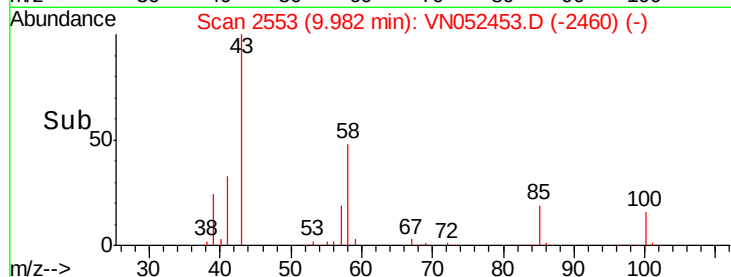
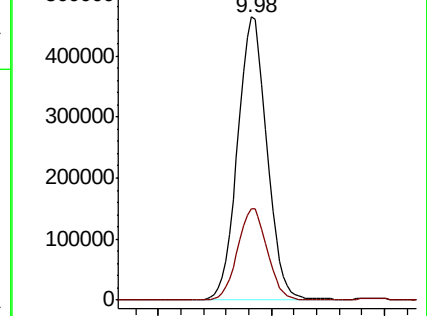
43 100

58 32.7 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.114 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052453.D

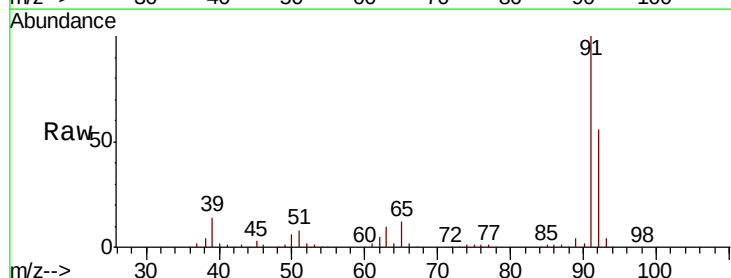
Acq: 21 Nov 2018 21:50

Tgt Ion: 92 Resp: 391274

Ion Ratio Lower Upper

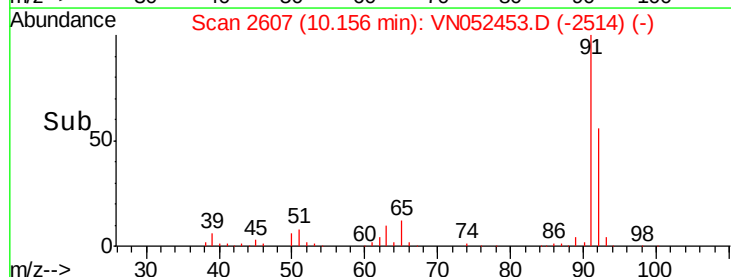
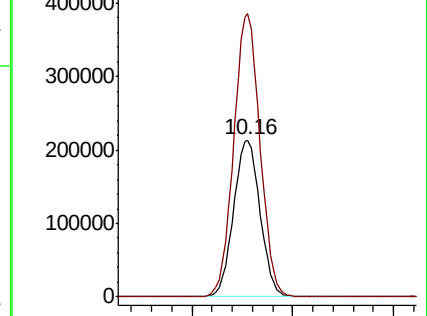
92 100

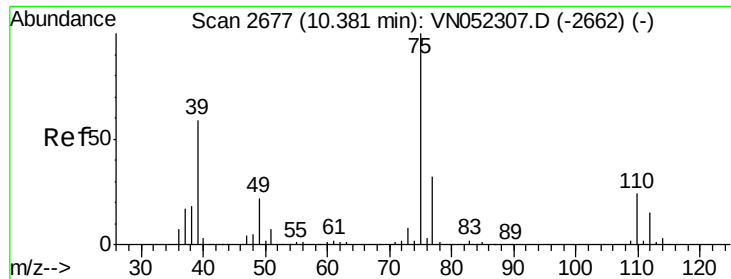
91 178.5 143.6 215.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 51.932 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

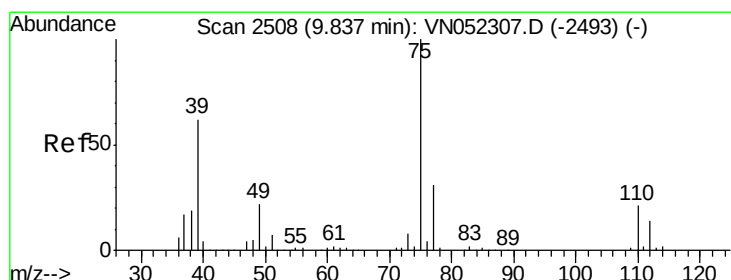
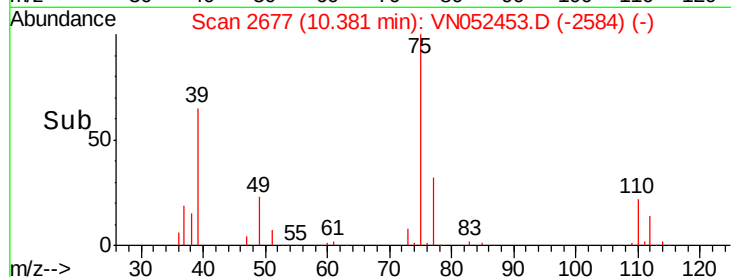
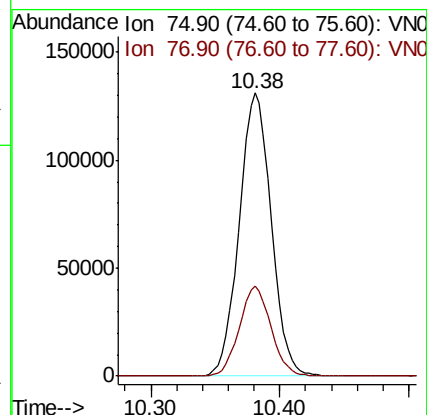
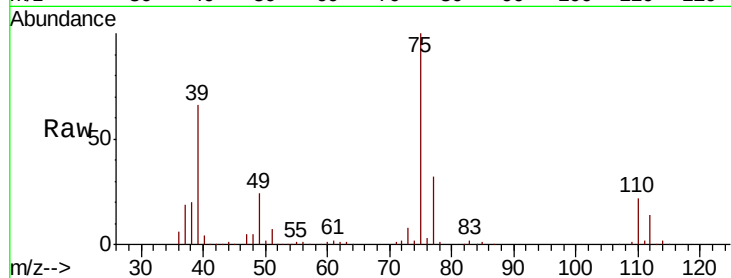
ClientSampled :

Tot Ion: 75 Resp: 225956

Ion Ratio Lower Upper

75 100

77 31.7 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 52.029 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

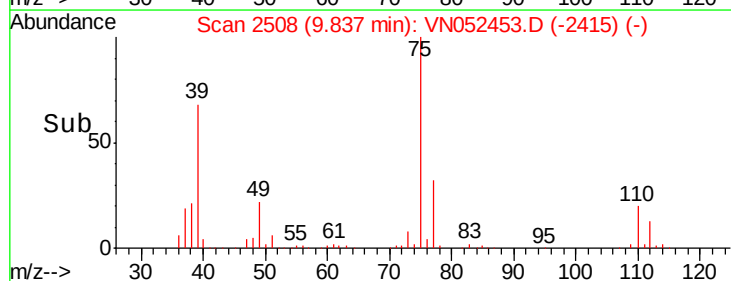
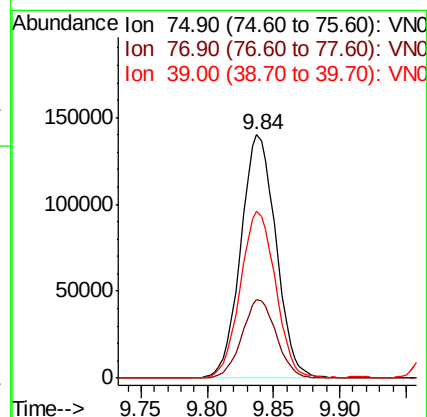
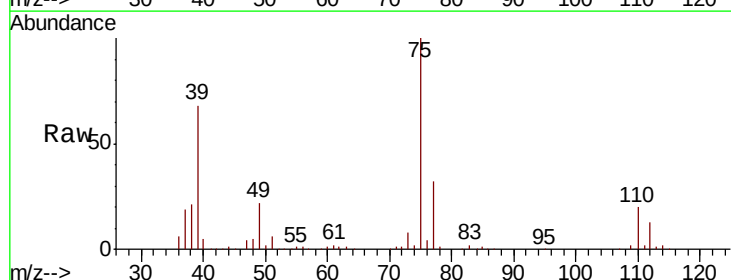
Tgt Ion: 75 Resp: 258065

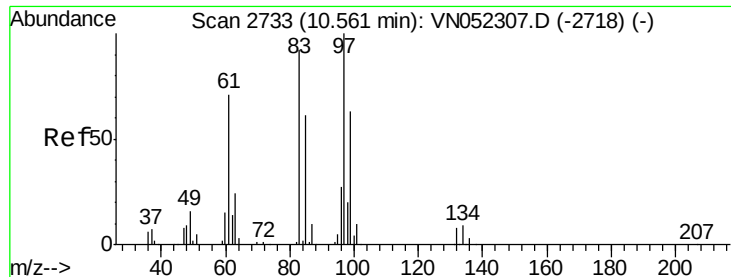
Ion Ratio Lower Upper

75 100

77 32.2 24.6 36.8

39 68.2 49.9 74.9



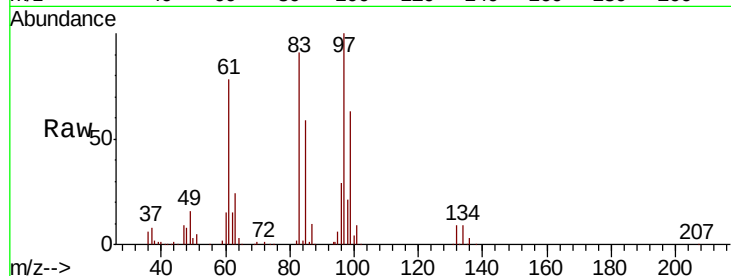


#55
 1,1,2-Trichloroethane
 Concen: 50.097 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Instrument :
 MSVOA_N
 ClientSampled :

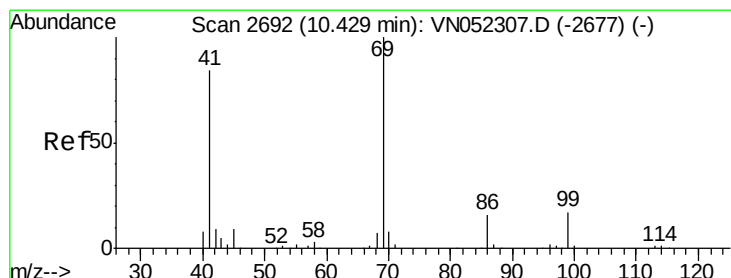
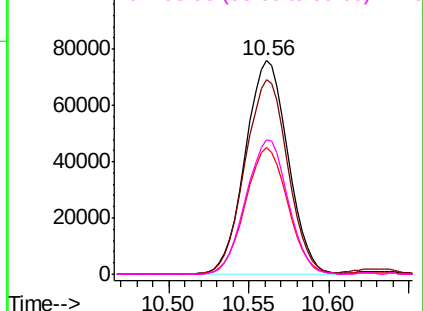
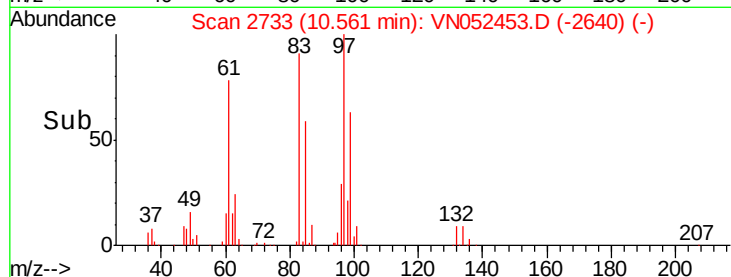
Tot Ion: 97 Resp: 139020

Ion	Ratio	Lower	Upper
97	100		
83	91.2	73.8	110.6
85	59.4	49.0	73.4
99	63.0	50.5	75.7



Abundance

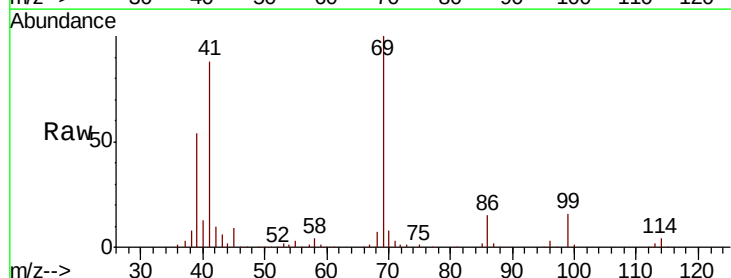
Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 51.071 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

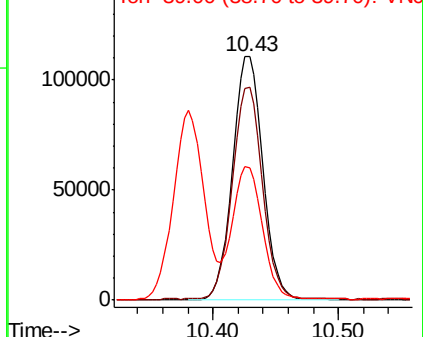
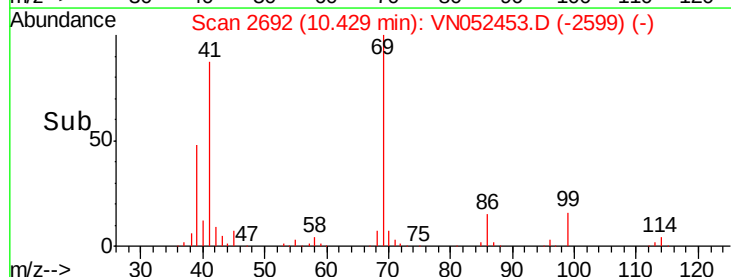
Tgt Ion: 69 Resp: 186384

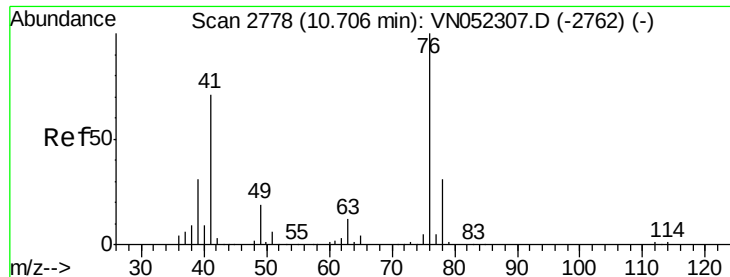
Ion	Ratio	Lower	Upper
69	100		
41	86.2	64.8	97.2
39	53.5	41.0	61.6



Abundance

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

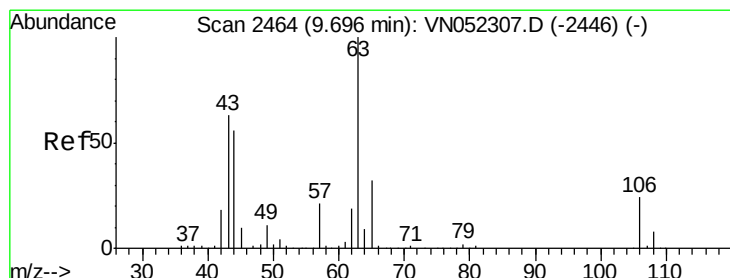
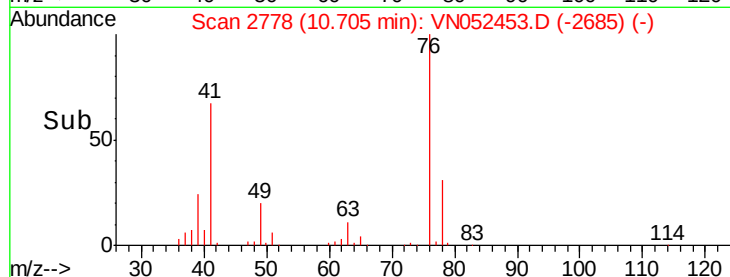
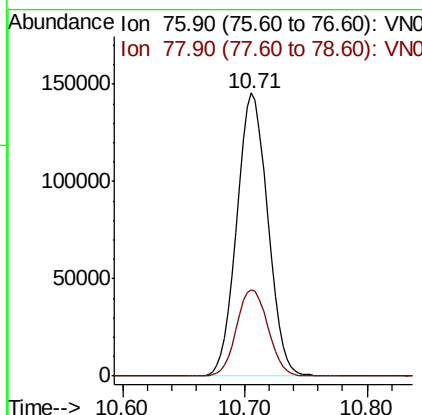
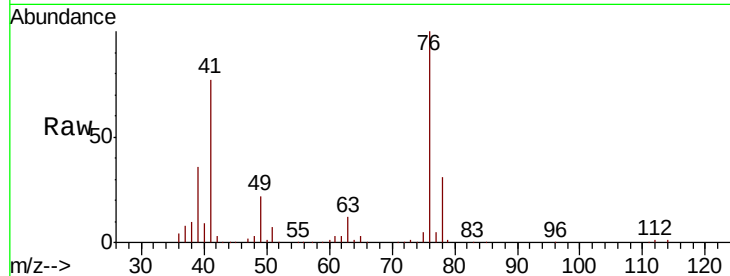




#57
 1,3-Dichloropropane
 Concen: 52.031 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

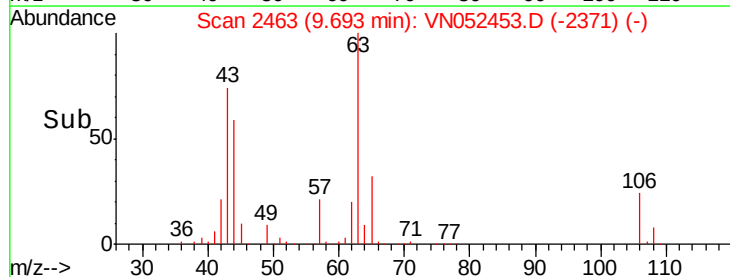
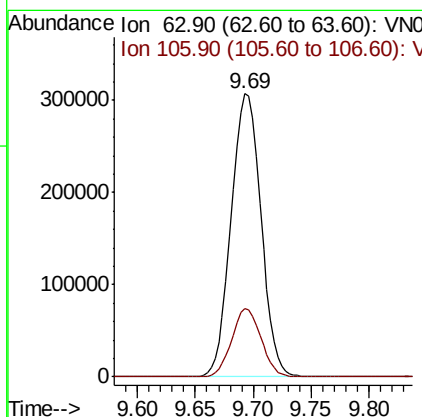
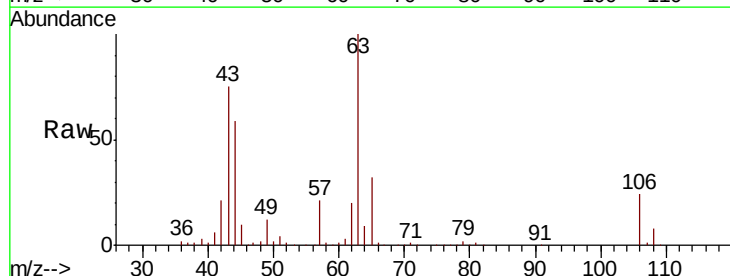
Instrument :
 MSVOA_N
 ClientSampled :

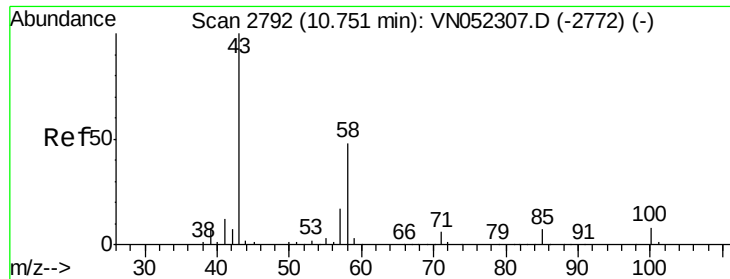
Tot Ion: 76 Resp: 255751
 Ion Ratio Lower Upper
 76 100
 78 31.2 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.516 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Tgt Ion: 63 Resp: 549601
 Ion Ratio Lower Upper
 63 100
 106 23.6 19.3 28.9

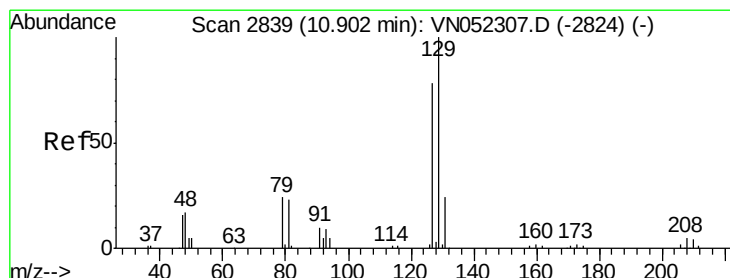
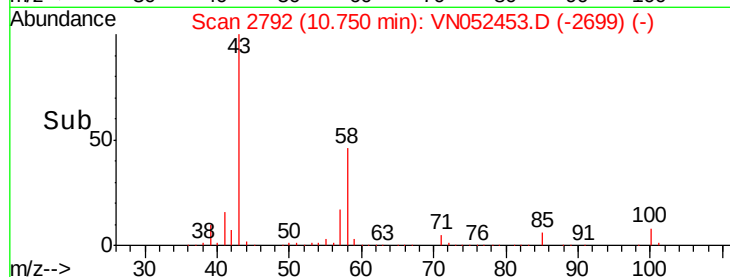
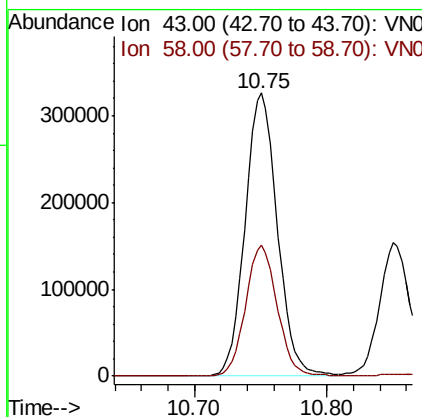
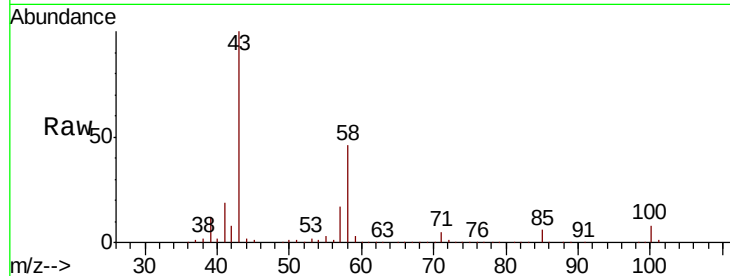




#59
2-Hexanone
Concen: 253.041 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

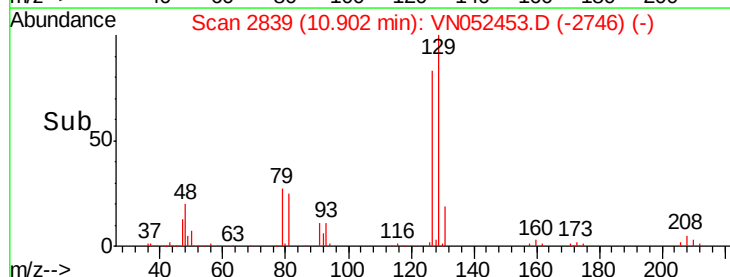
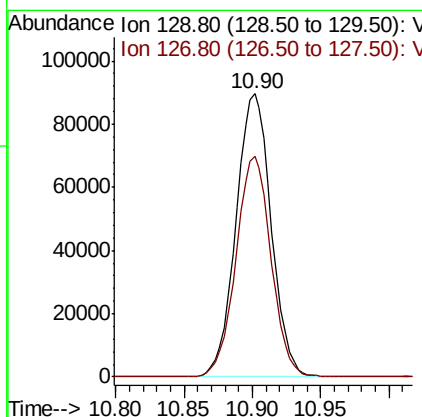
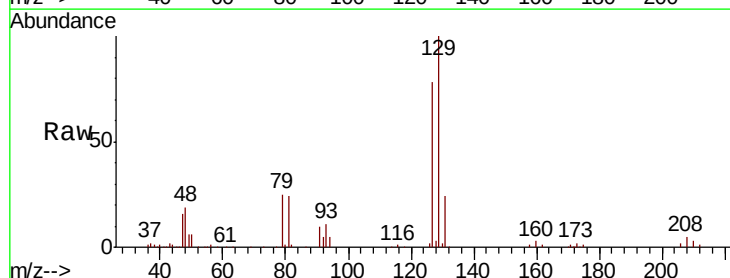
Instrument :
MSVOA_N
ClientSampleId :

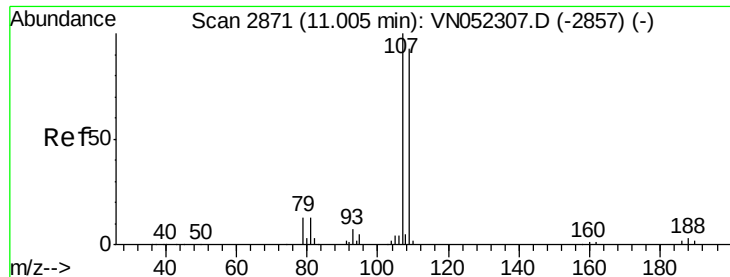
Tot Ion: 43 Resp: 549584
Ion Ratio Lower Upper
43 100
58 45.7 23.5 70.6



#60
Dibromochloromethane
Concen: 53.392 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion: 129 Resp: 160306
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 50.024 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

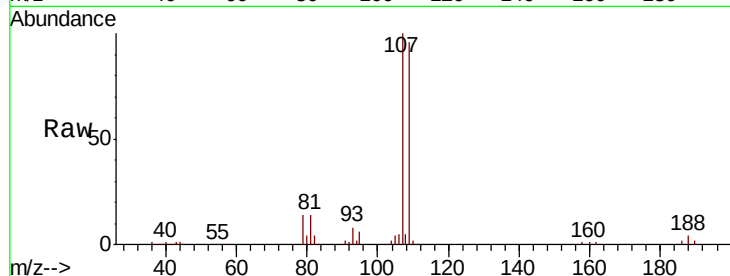
ClientSampleId :

Tot Ion: 107 Resp: 138277

Ion Ratio Lower Upper

107 100

109 94.5 74.9 112.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

80000

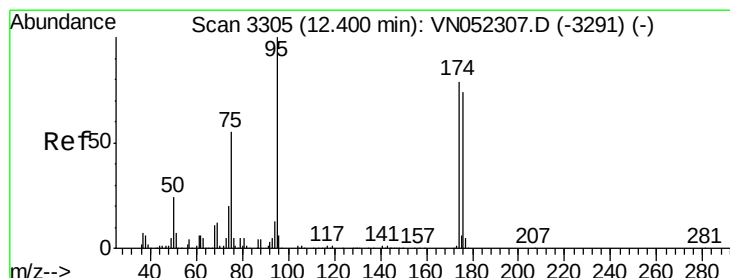
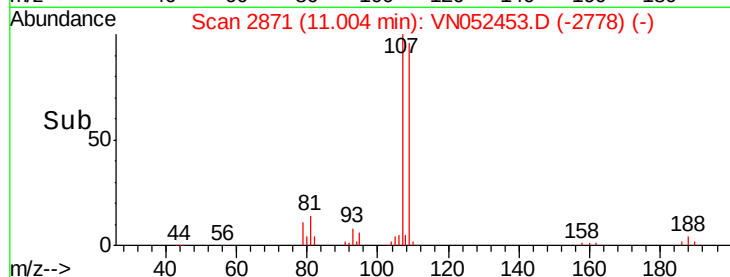
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 50.024 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

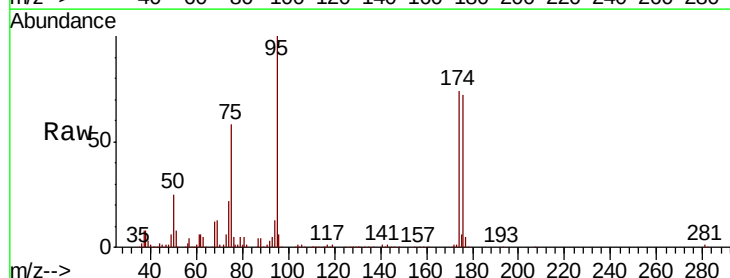
Tgt Ion: 95 Resp: 196631

Ion Ratio Lower Upper

95 100

174 74.6 0.0 156.0

176 72.3 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

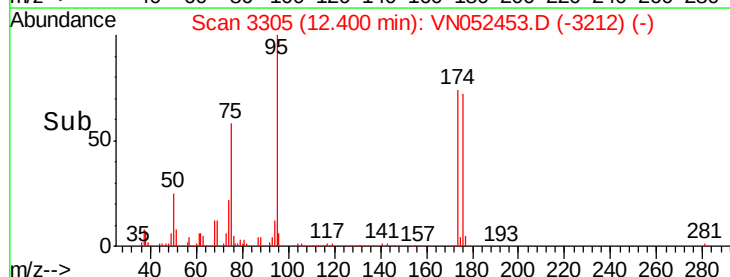
150000

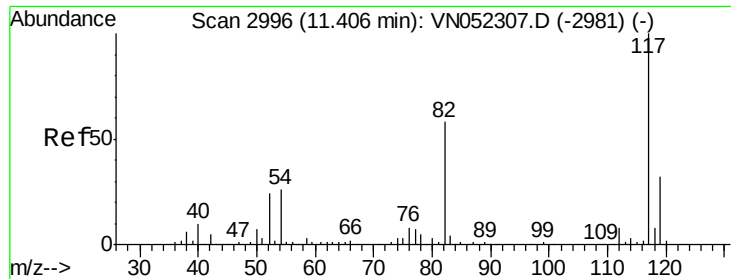
100000

50000

0

Time--> 12.35 12.40 12.45

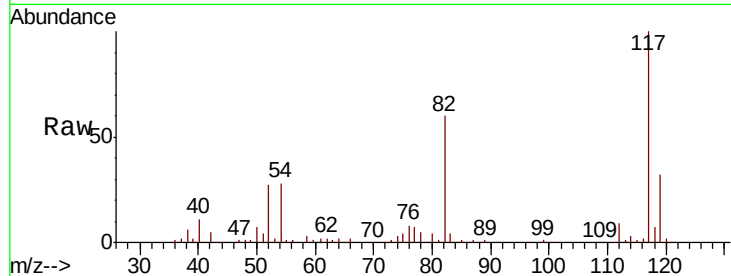




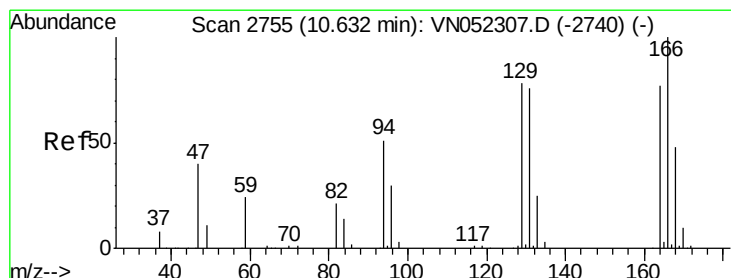
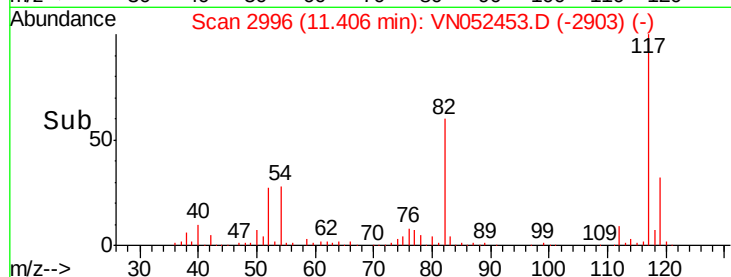
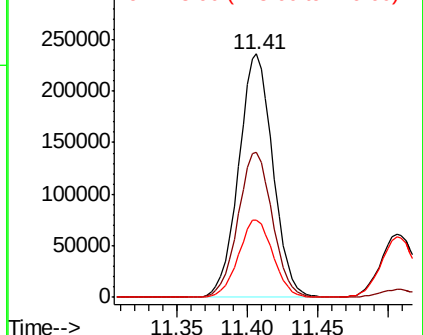
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 400069
Ion Ratio Lower Upper
117 100
82 59.8 46.5 69.7
119 31.9 25.7 38.5

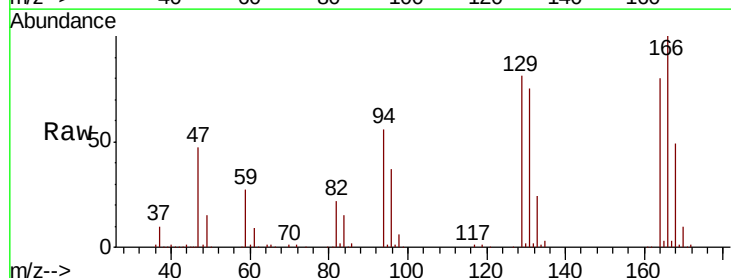


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

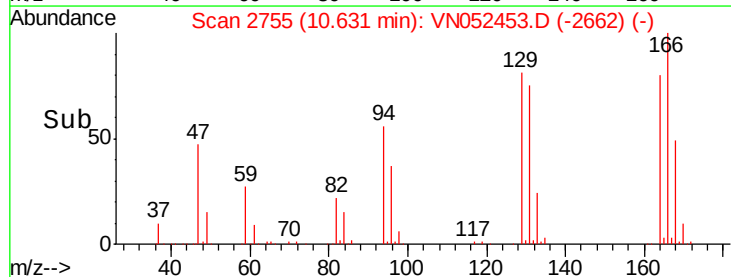
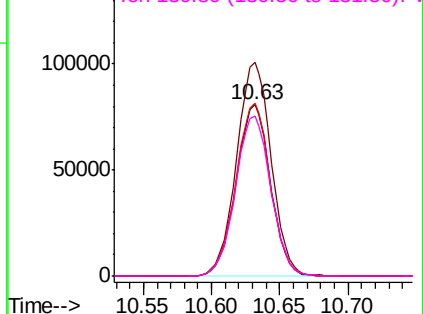


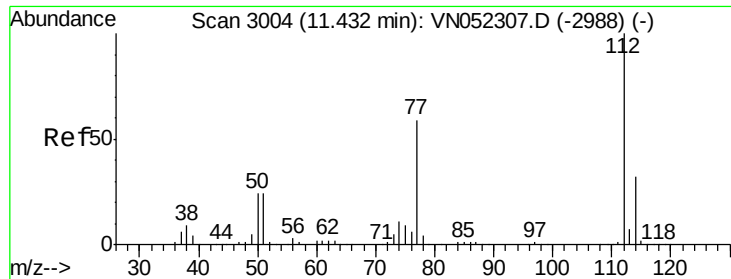
#64
Tetrachloroethene
Concen: 49.621 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion:164 Resp: 141134
Ion Ratio Lower Upper
164 100
166 125.0 103.8 155.6
129 100.9 80.7 121.1
131 93.7 78.5 117.7



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

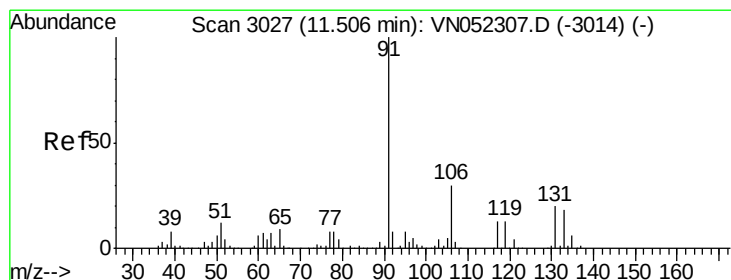
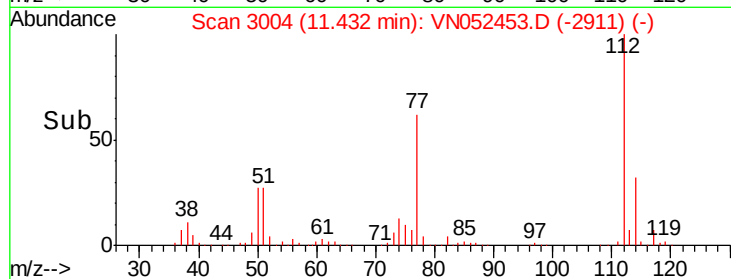
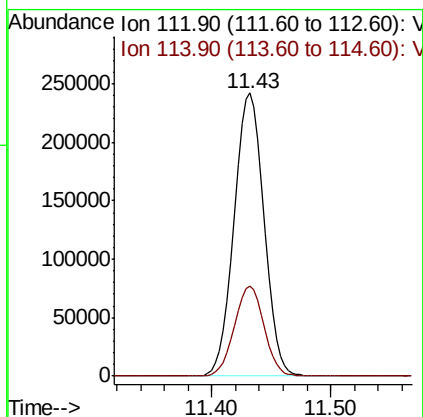
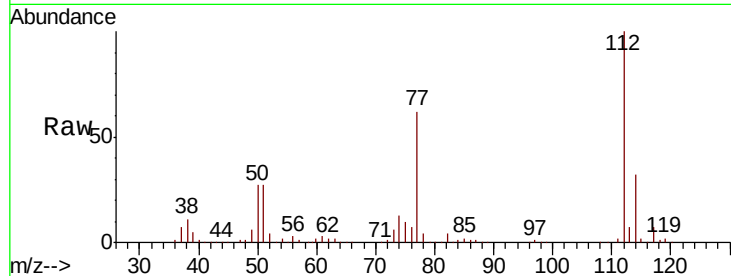




#65
Chlorobenzene
Concen: 49.910 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

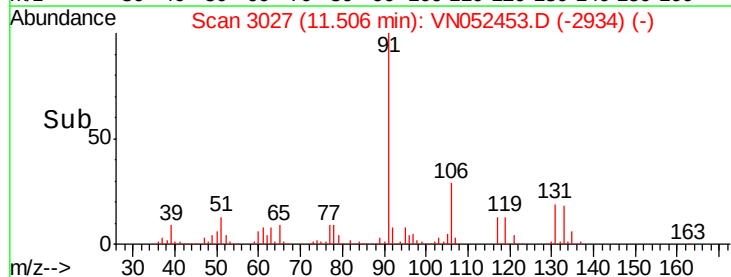
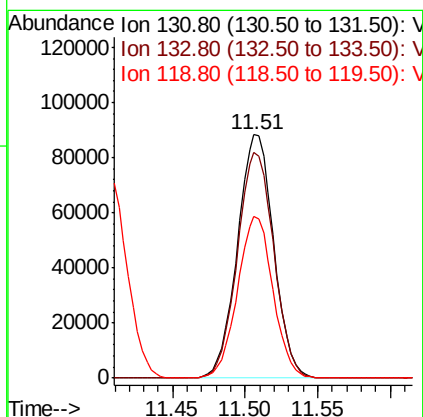
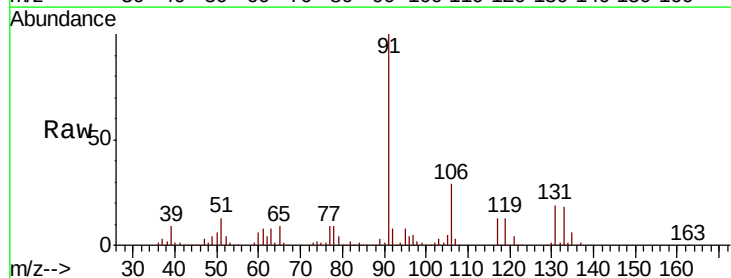
Instrument :
MSVOA_N
ClientSampleId :

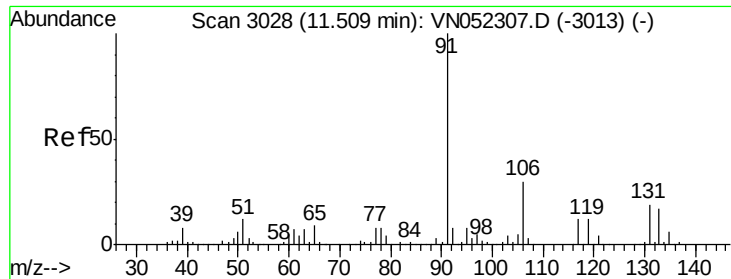
Tot Ion:112 Resp: 422063
Ion Ratio Lower Upper
112 100
114 31.9 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 53.187 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion:131 Resp: 153374
Ion Ratio Lower Upper
131 100
133 93.4 47.4 142.3
119 64.9 33.3 99.9

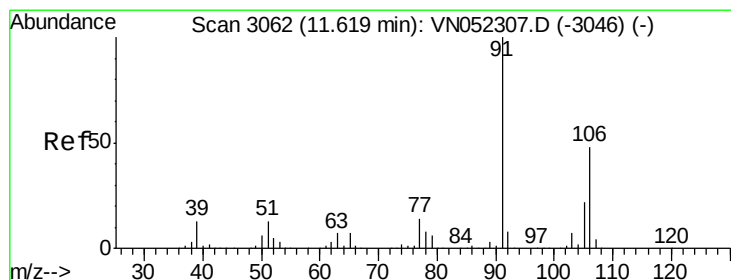
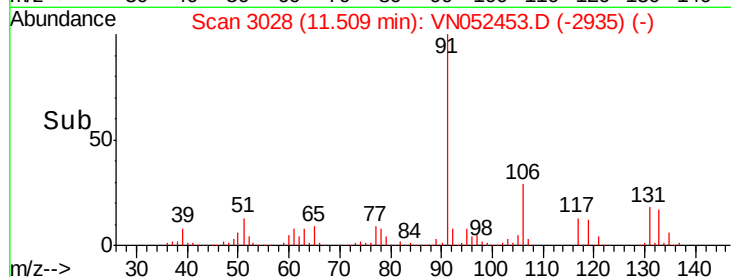
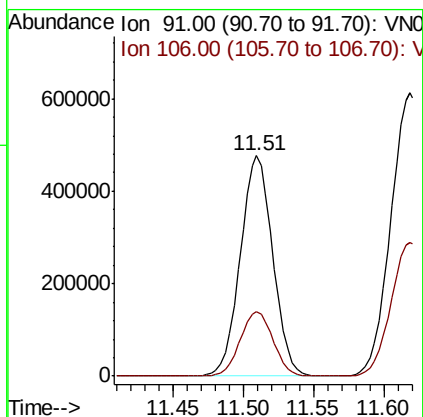
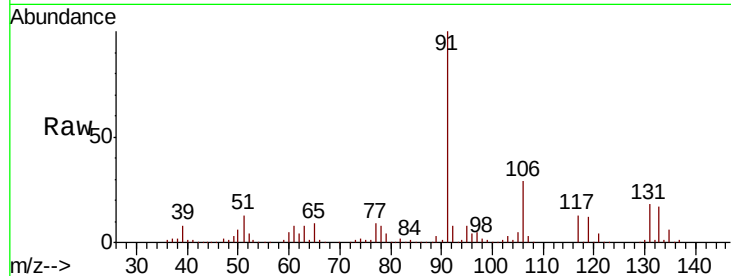




#67
Ethyl Benzene
Concen: 52.438 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

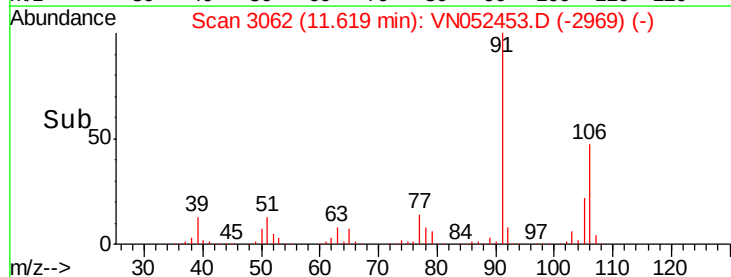
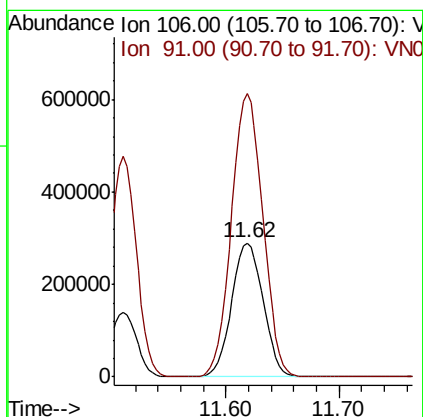
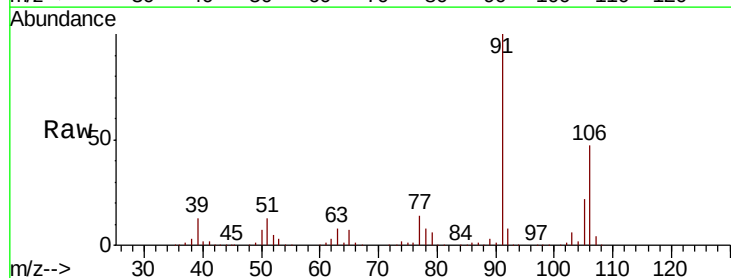
Instrument :
MSVOA_N
ClientSampled :

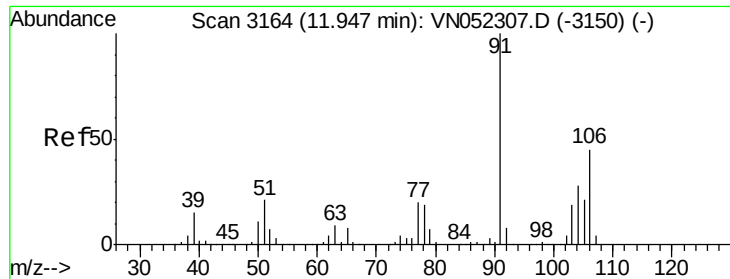
Tot Ion: 91 Resp: 769644
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.2



#68
m/p-Xylenes
Concen: 104.810 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion: 106 Resp: 562064
Ion Ratio Lower Upper
106 100
91 210.8 165.5 248.3

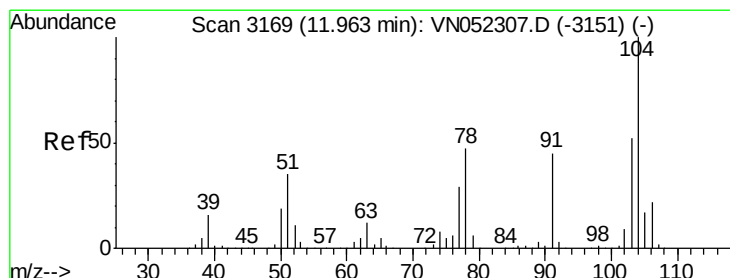
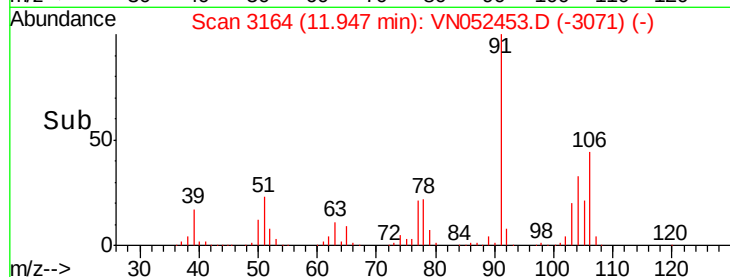
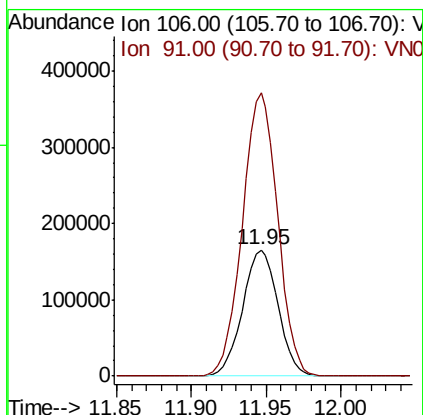
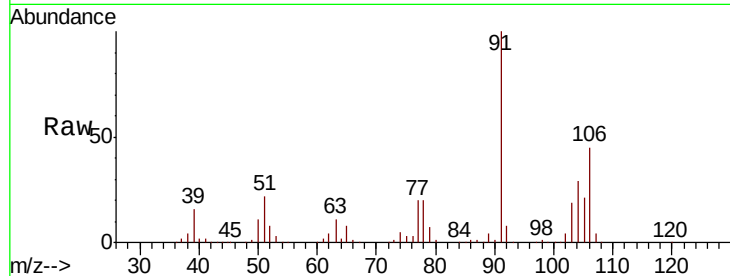




#69
o-Xylene
Concen: 52.940 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

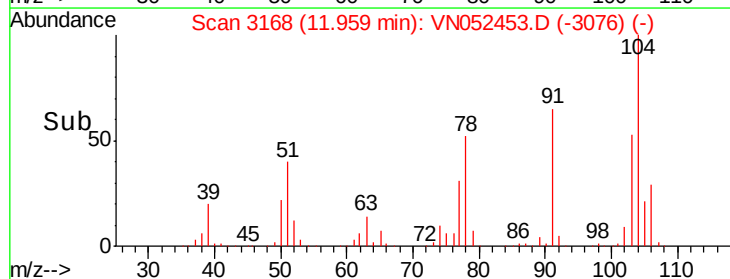
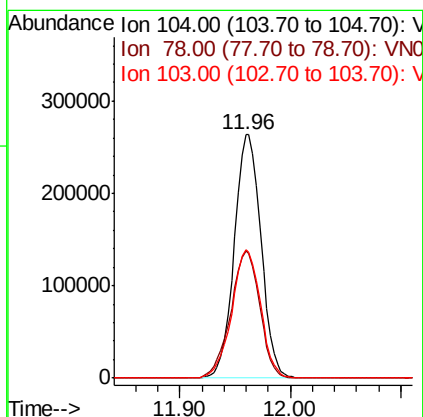
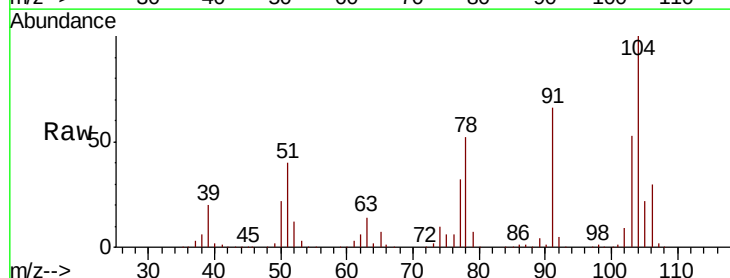
Instrument :
MSVOA_N
ClientSampled :

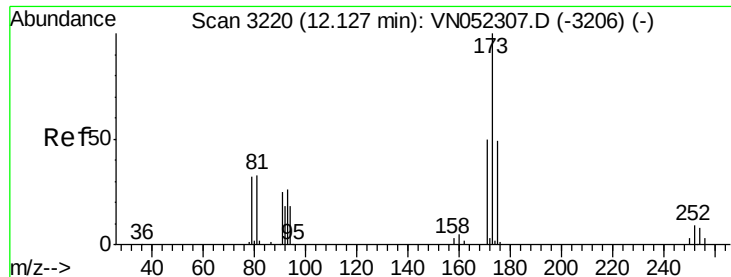
Tot Ion:106 Resp: 272140
Ion Ratio Lower Upper
106 100
91 224.1 110.0 330.0



#70
Styrene
Concen: 53.782 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion:104 Resp: 442683
Ion Ratio Lower Upper
104 100
78 56.8 42.7 64.1
103 56.6 45.4 68.0





#71

Bromoform

Concen: 56.554 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

ClientSampled :

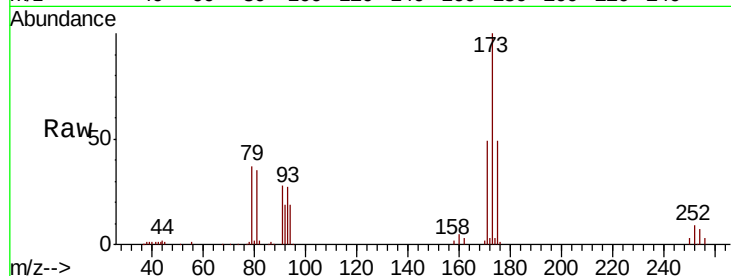
Tot Ion:173 Resp: 96290

Ion	Ratio	Lower	Upper
173	100		
175	48.4	25.0	75.0
254	0.0	0.0	0.0

173 100

175 48.4 25.0 75.0

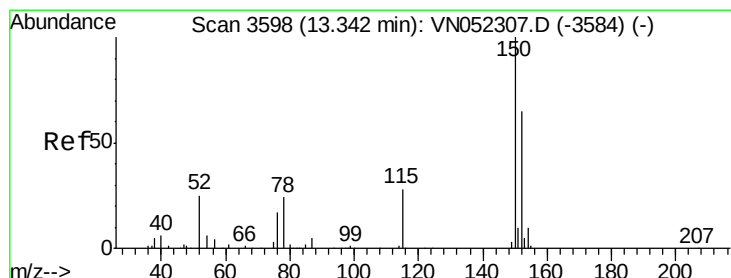
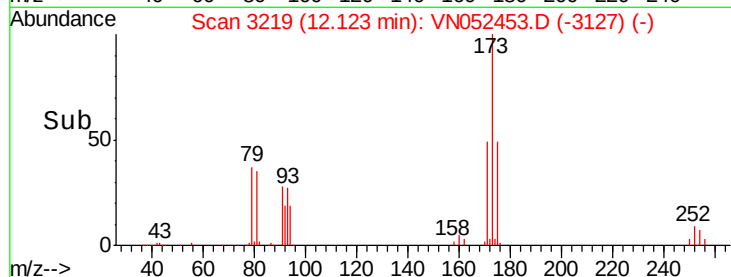
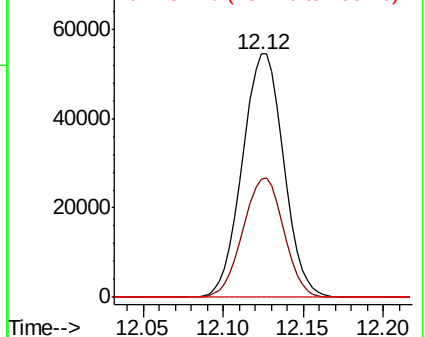
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

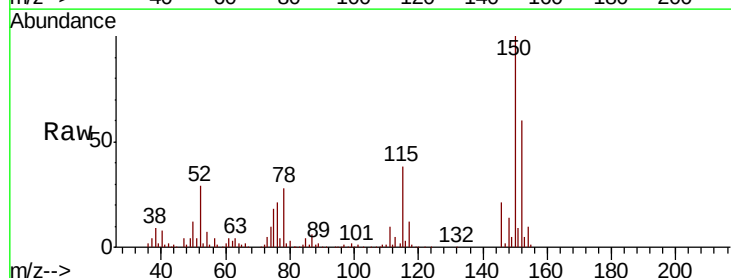
Tgt Ion:152 Resp: 184127

Ion	Ratio	Lower	Upper
152	100		
115	61.9	30.3	91.0
150	177.9	0.0	348.2

152 100

115 61.9 30.3 91.0

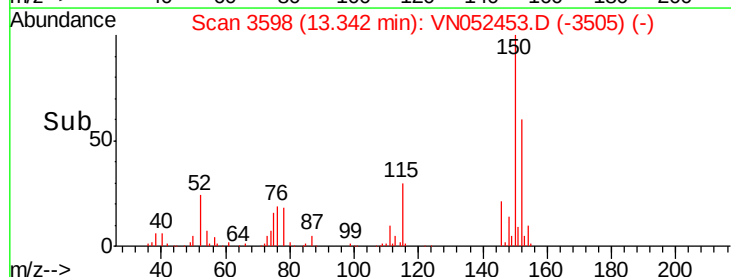
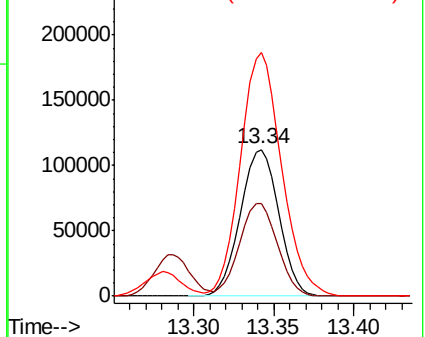
150 177.9 0.0 348.2

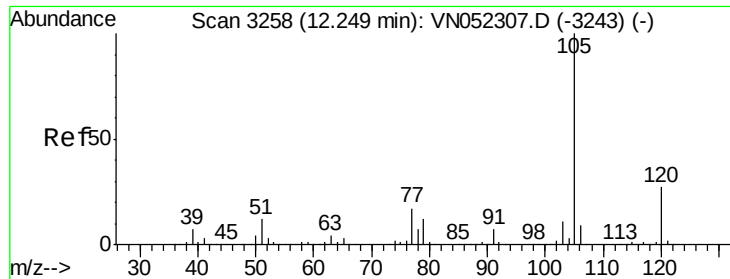


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.613 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

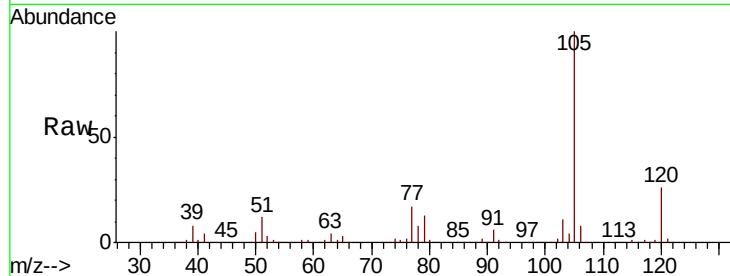
ClientSampled :

Tot Ion:105 Resp: 749264

Ion Ratio Lower Upper

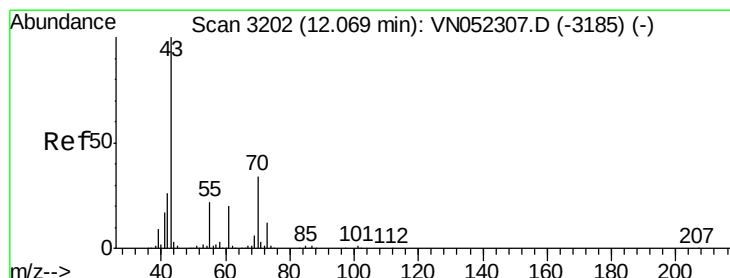
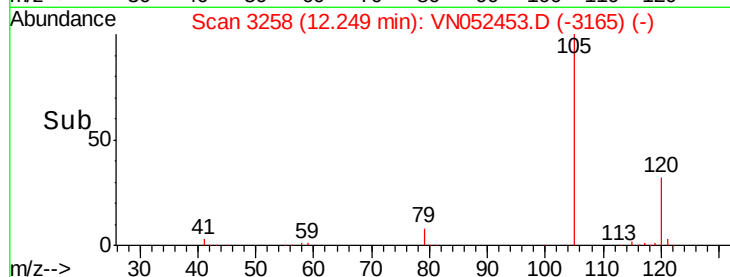
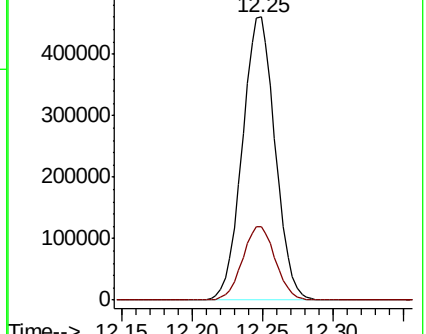
105 100

120 26.1 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: 49.342 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Tgt Ion: 43 Resp: 260169

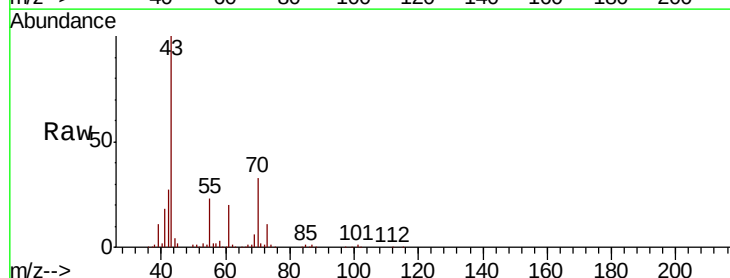
Ion Ratio Lower Upper

43 100

70 33.5 27.1 40.7

55 22.7 17.4 26.0

61 20.1 16.1 24.1

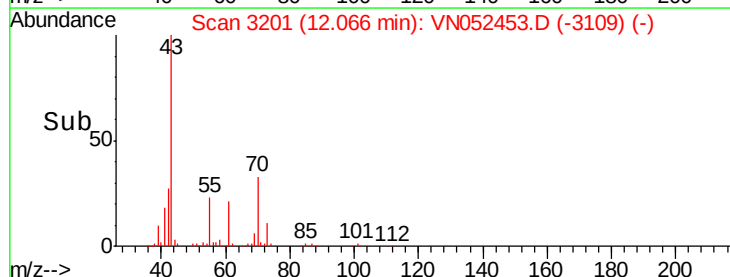
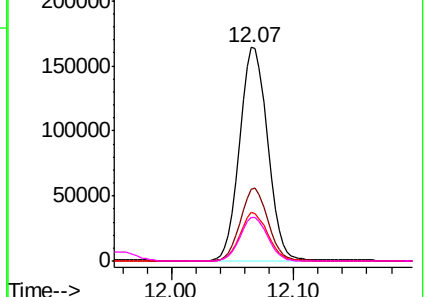


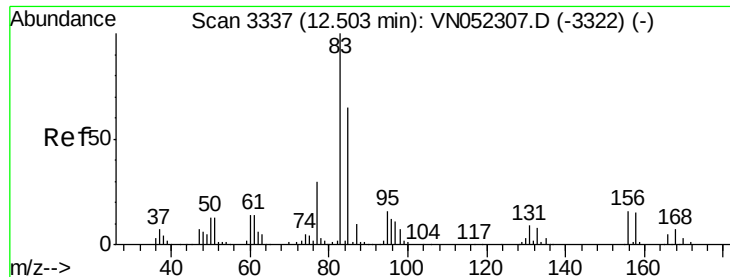
Abundance Ion 43.00 (42.70 to 43.70): V

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: 47.945 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

ClientSampled :

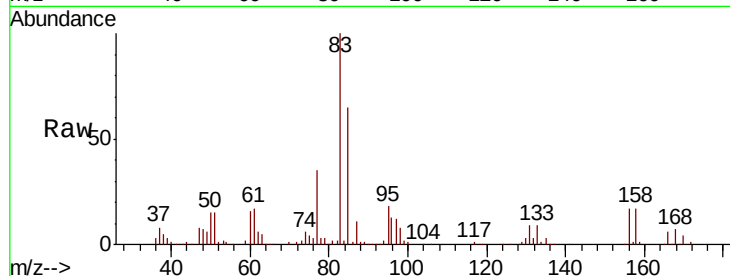
Tot Ion: 83 Resp: 171576

Ion Ratio Lower Upper

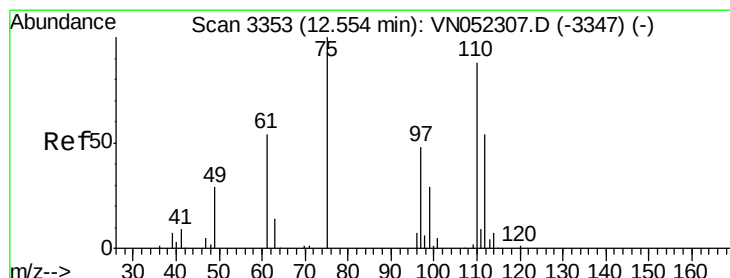
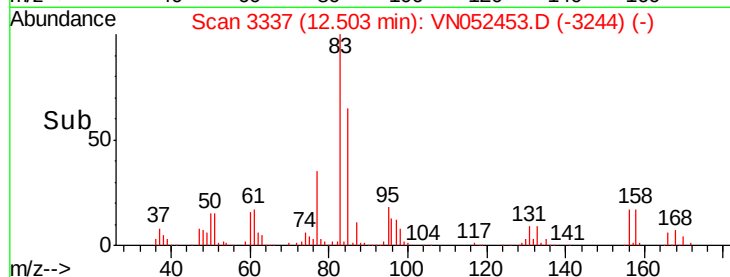
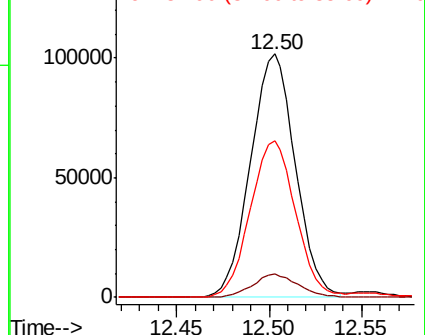
83 100

131 9.7 4.7 14.1

85 65.0 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: 73.093 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN052453.D

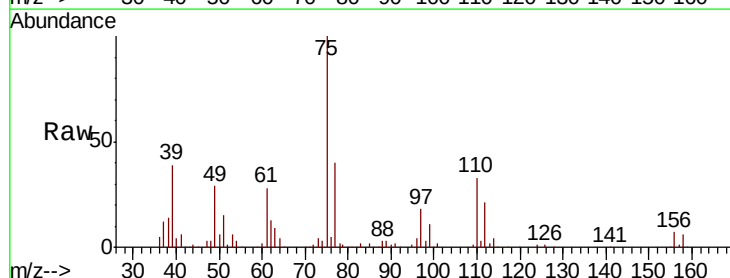
Acq: 21 Nov 2018 21:50

Tgt Ion: 75 Resp: 228362

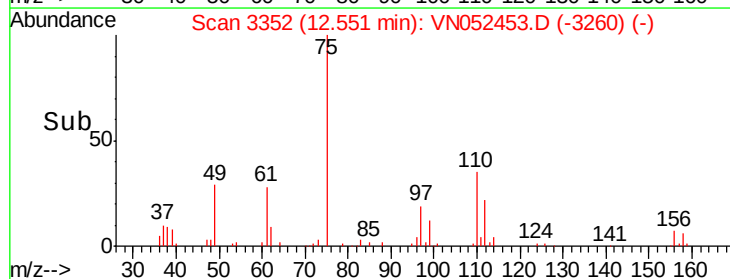
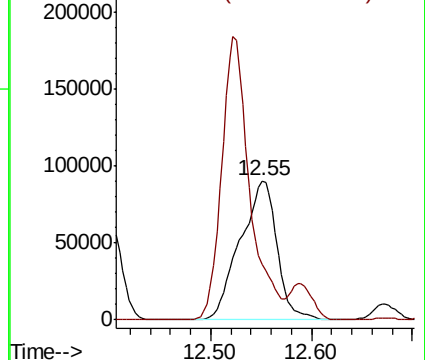
Ion Ratio Lower Upper

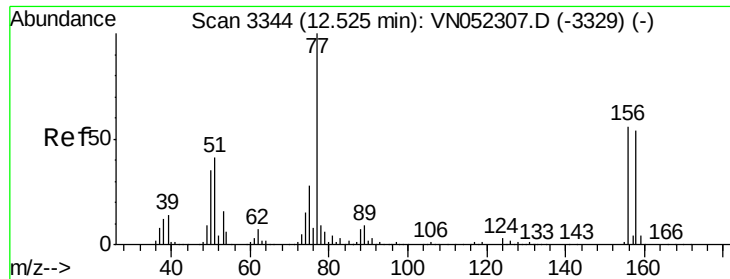
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 49.140 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

ClientSampleId :

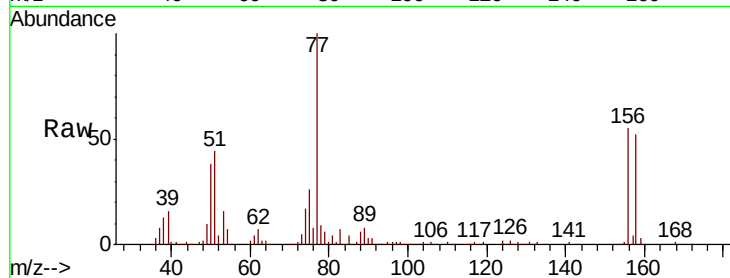
Tot Ion:156 Resp: 169262

Ion Ratio Lower Upper

156 100

77 212.2 103.6 310.9

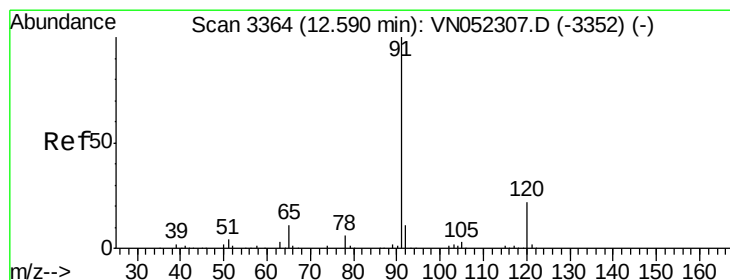
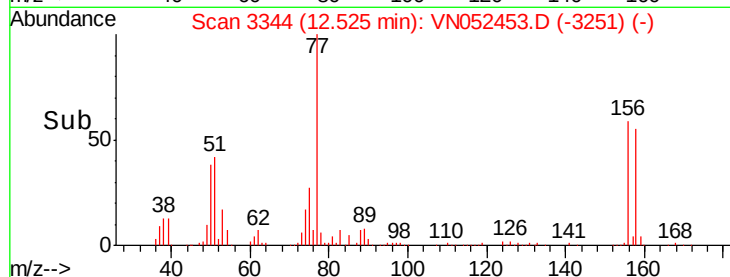
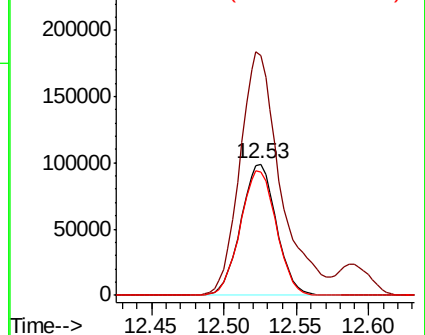
158 95.7 48.1 144.4



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: 51.109 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN052453.D

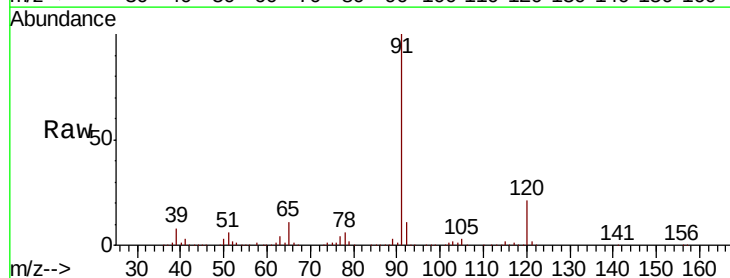
Acq: 21 Nov 2018 21:50

Tgt Ion: 91 Resp: 884857

Ion Ratio Lower Upper

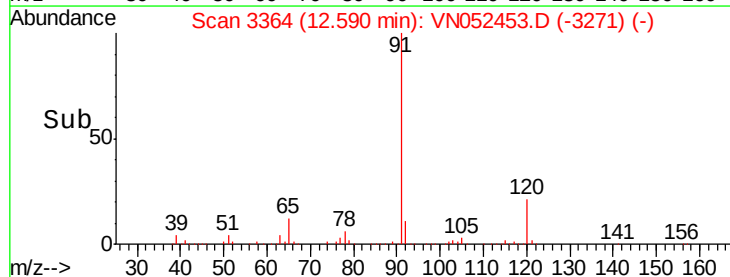
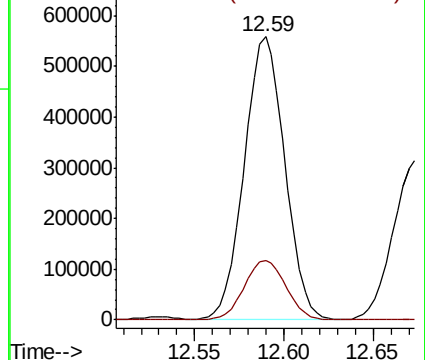
91 100

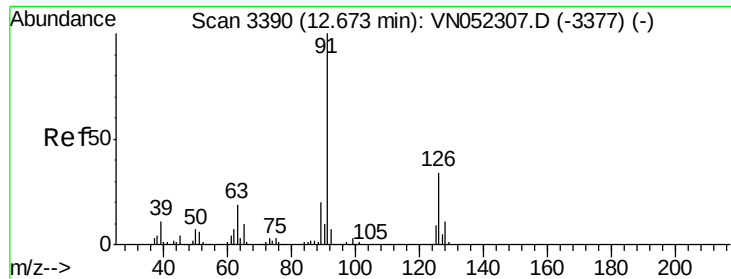
120 21.7 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.132 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

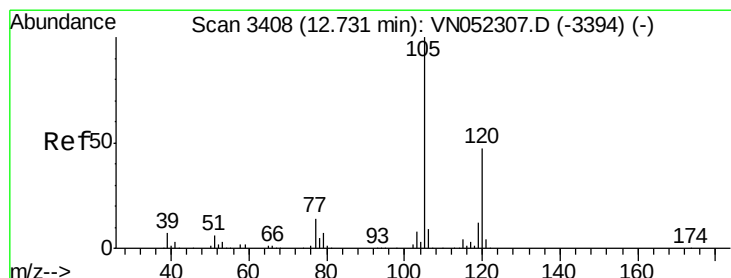
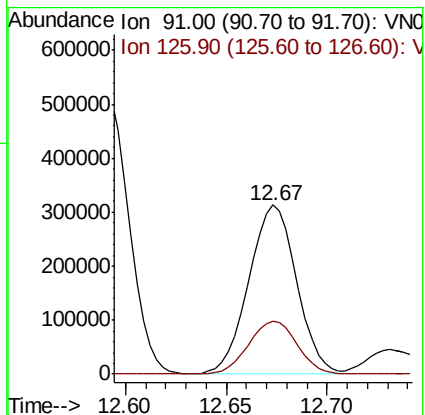
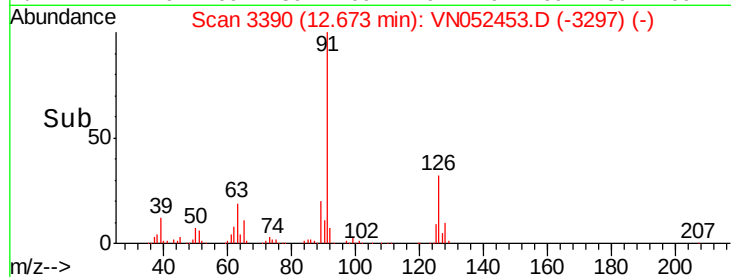
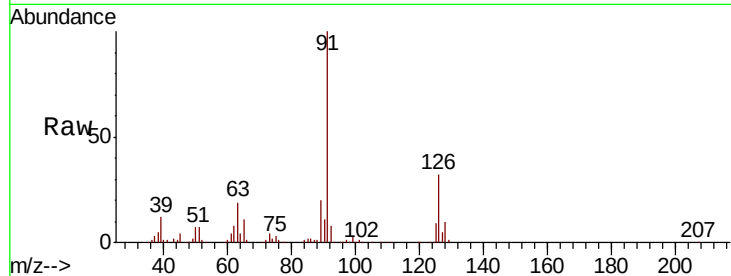
ClientSampleId :

Tot Ion: 91 Resp: 517155

Ion Ratio Lower Upper

91 100

126 32.1 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 52.309 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN052453.D

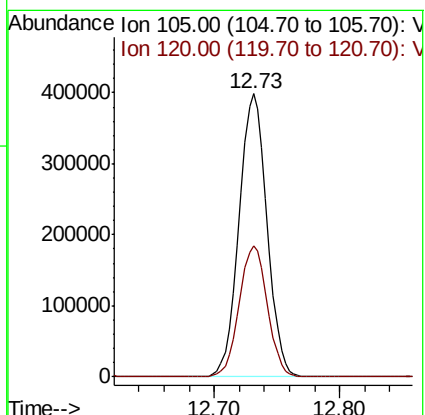
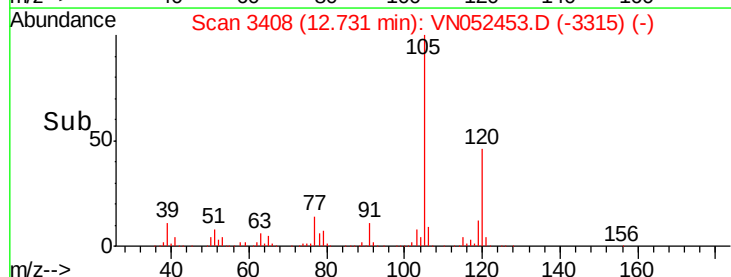
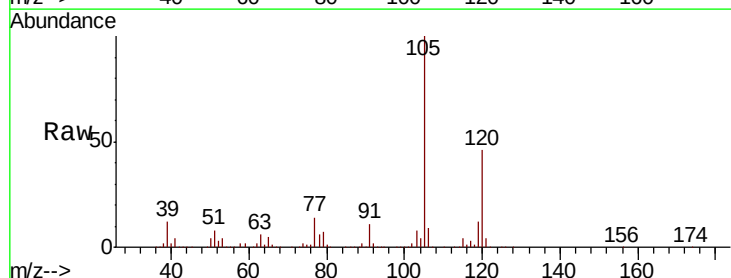
Acq: 21 Nov 2018 21:50

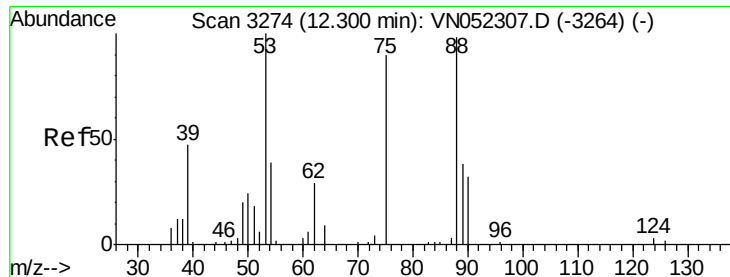
Tgt Ion:105 Resp: 615809

Ion Ratio Lower Upper

105 100

120 46.8 23.7 71.1





#81

trans-1,4-Dichloro-2-butene

Concen: 47.225 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

ClientSampled :

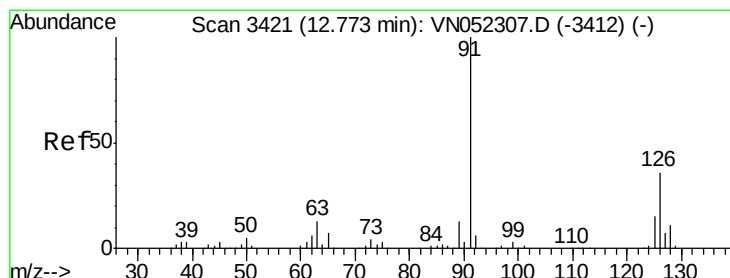
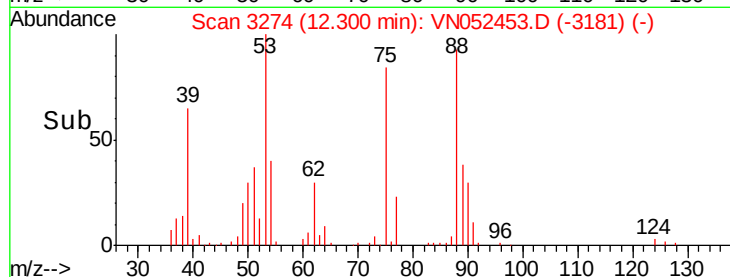
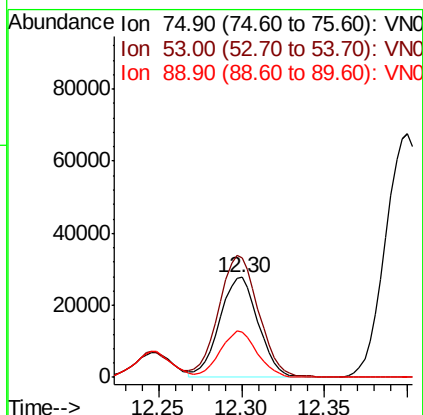
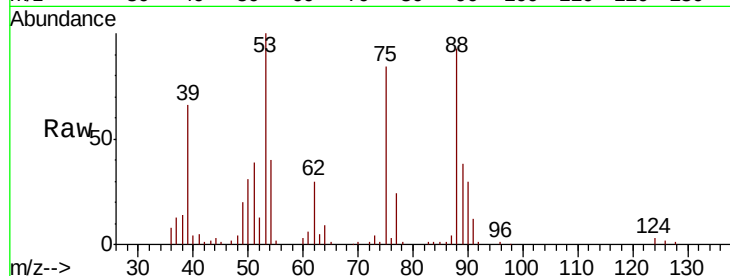
Tot Ion: 75 Resp: 45491

Ion Ratio Lower Upper

75 100

53 125.7 90.2 135.2

89 44.0 35.4 53.0



#82

4-Chlorotoluene

Concen: 50.764 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. -0.00 min

Lab File: VN052453.D

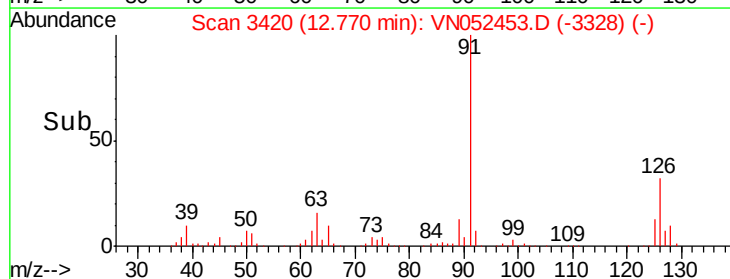
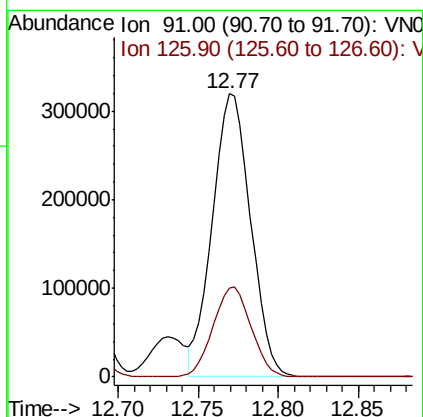
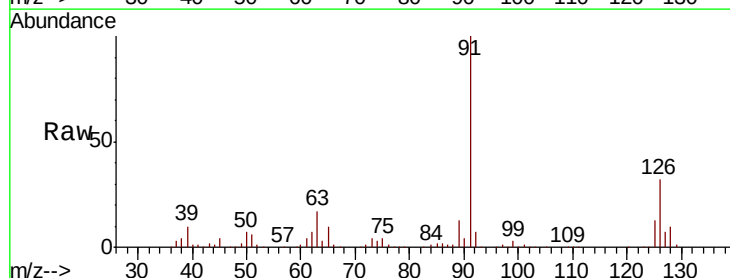
Acq: 21 Nov 2018 21:50

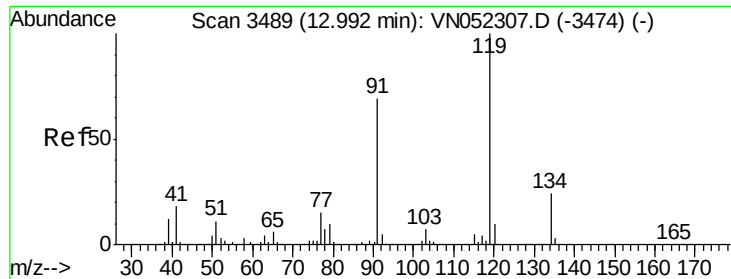
Tgt Ion: 91 Resp: 526030

Ion Ratio Lower Upper

91 100

126 31.7 17.0 50.9

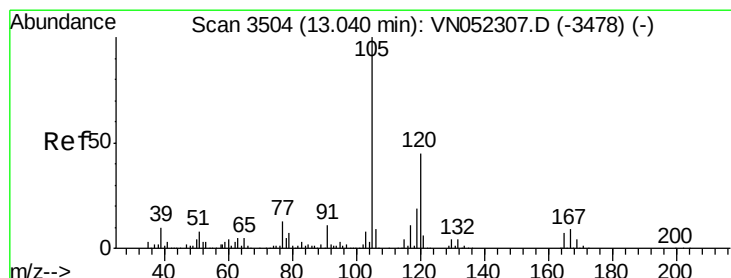
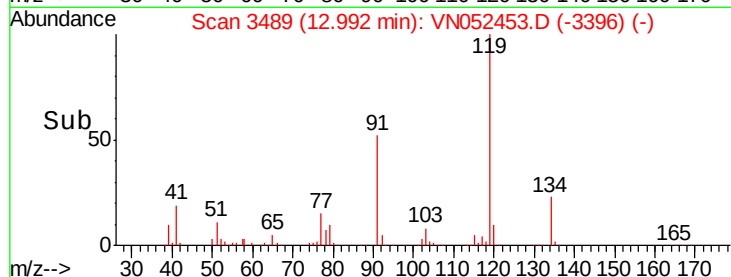
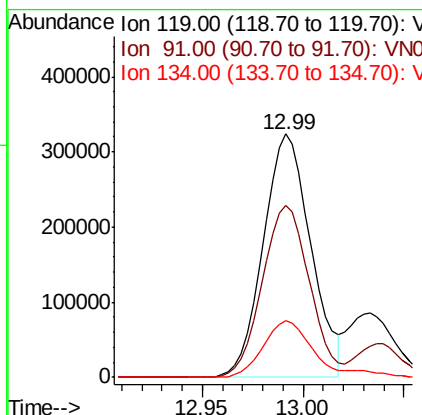
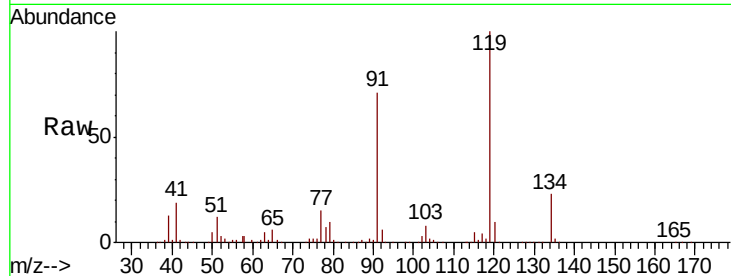




#83
 tert-Butylbenzene
 Concen: 51.151 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

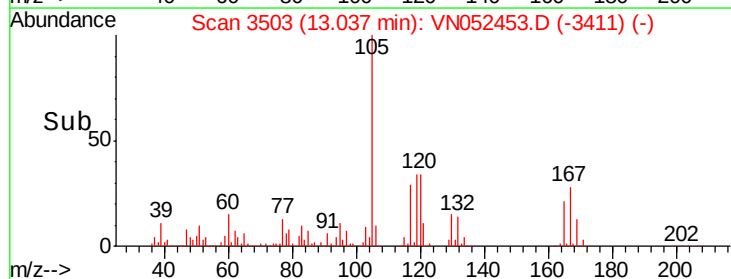
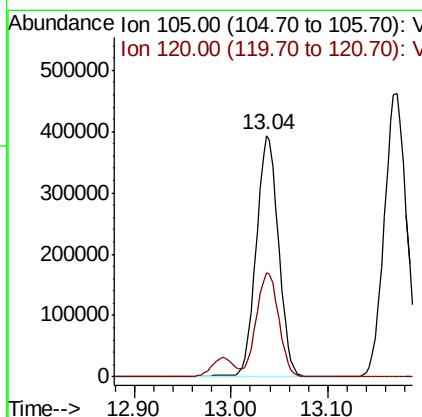
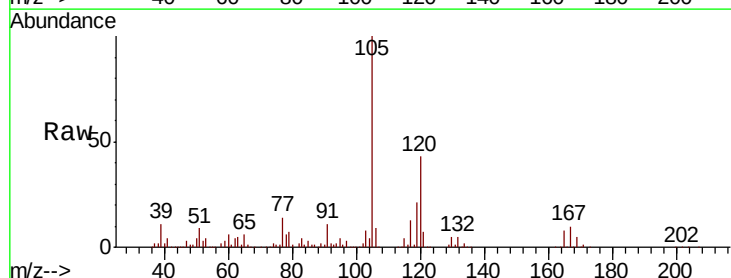
Instrument :
 MSVOA_N
 ClientSampled :

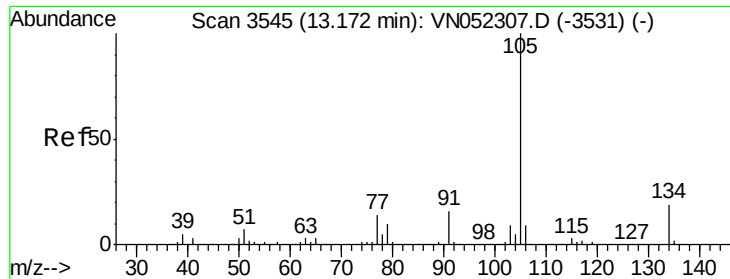
Tot Ion:119 Resp: 531627
 Ion Ratio Lower Upper
 119 100
 91 70.1 33.8 101.3
 134 25.1 11.9 35.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.133 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Tgt Ion:105 Resp: 627934
 Ion Ratio Lower Upper
 105 100
 120 43.3 22.5 67.5





#85

sec-Butylbenzene

Concen: 52.286 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

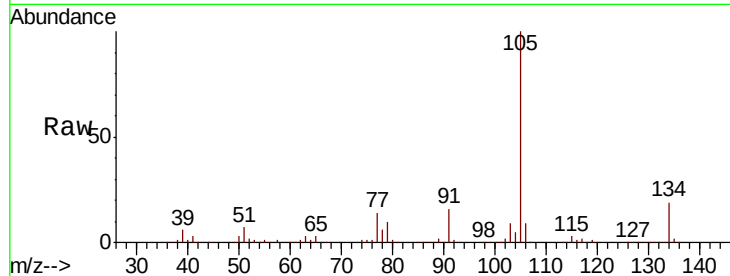
ClientSampled :

Tot Ion:105 Resp: 740256

Ion Ratio Lower Upper

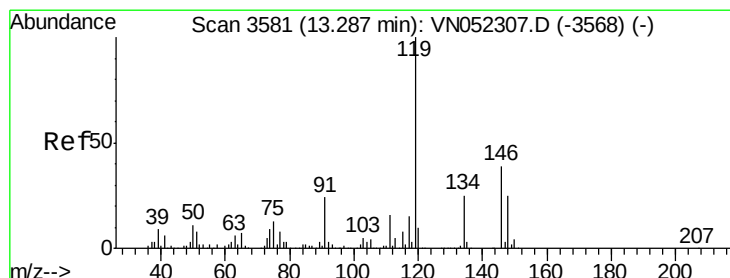
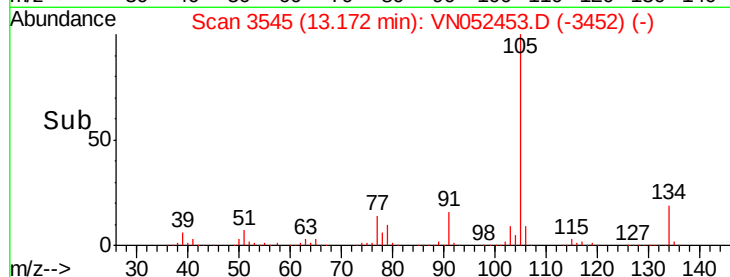
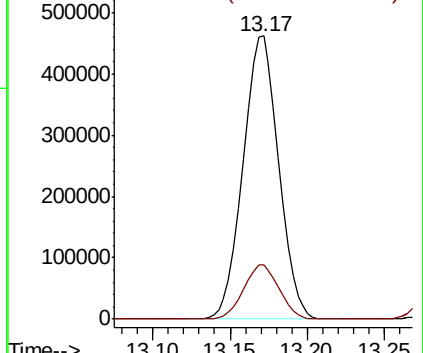
105 100

134 19.1 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.014 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

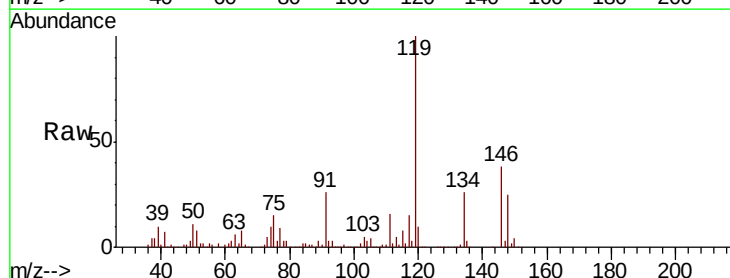
Tgt Ion:119 Resp: 623799

Ion Ratio Lower Upper

119 100

134 25.6 13.0 38.9

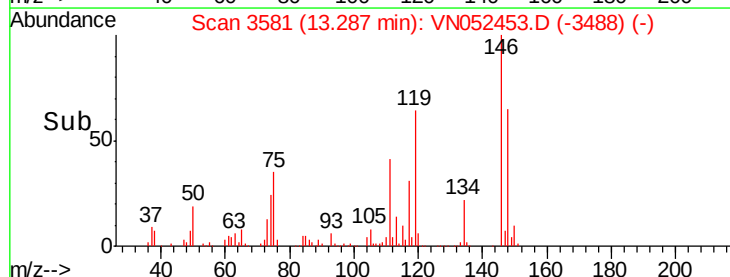
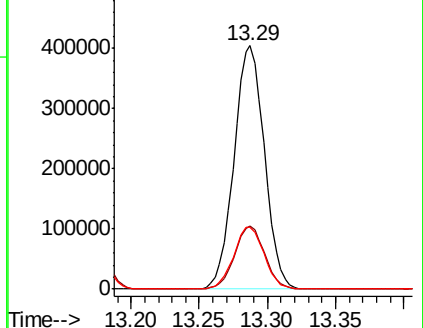
91 25.8 12.4 37.0

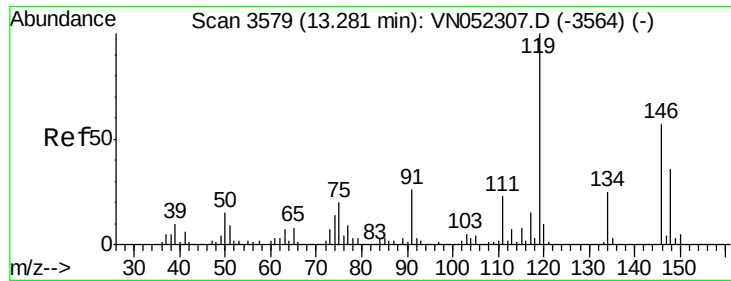


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

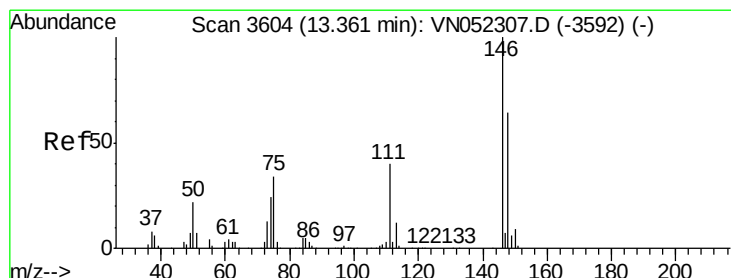
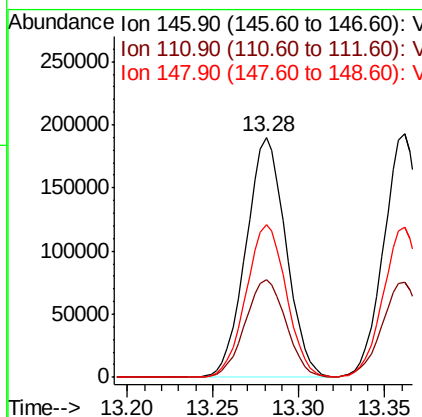
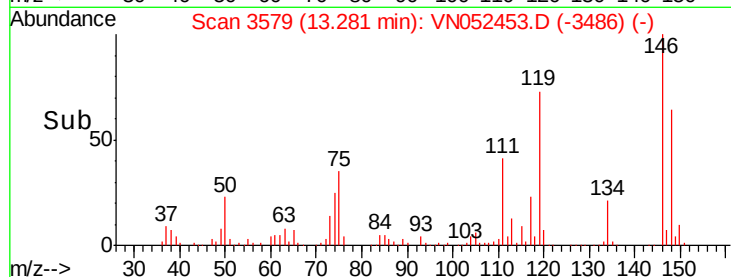
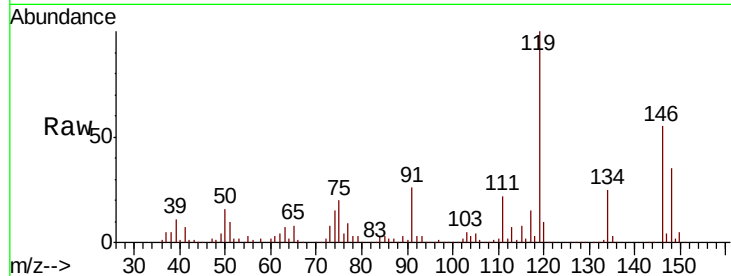




#87
 1,3-Dichlorobenzene
 Concen: 50.128 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

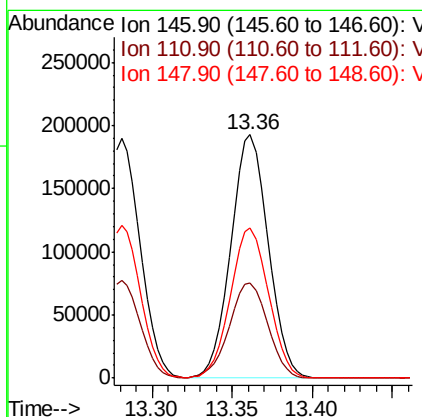
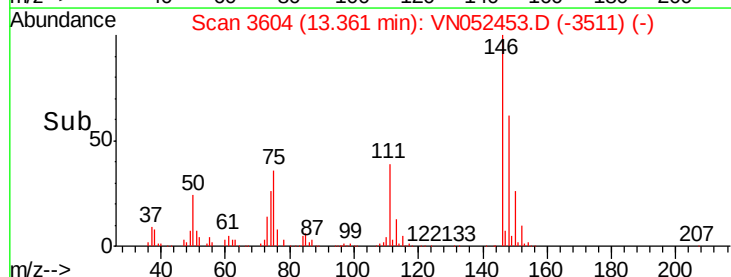
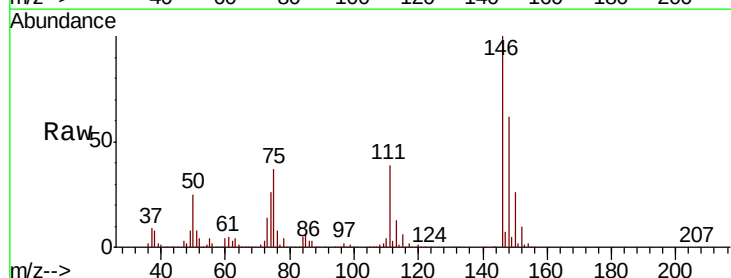
Instrument :
 MSVOA_N
 ClientSampled :

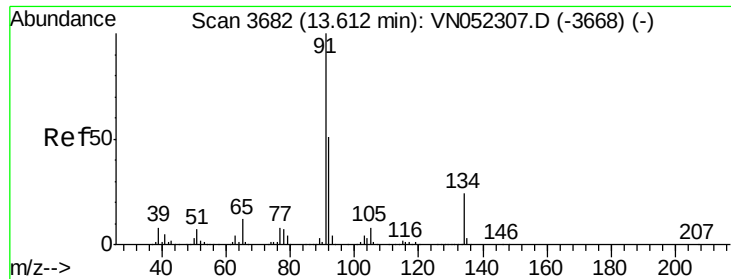
Tot Ion:146 Resp: 306655
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 61.0
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 50.224 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Tgt Ion:146 Resp: 305458
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.6 61.8
 148 63.2 32.4 97.2





#89

n-Butylbenzene

Concen: 54.740 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN052453.D

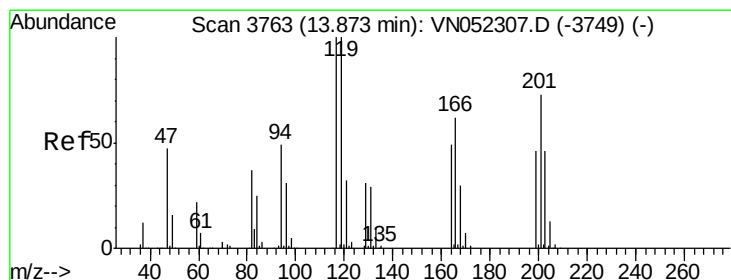
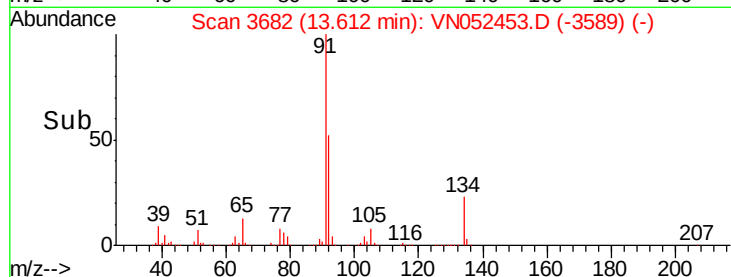
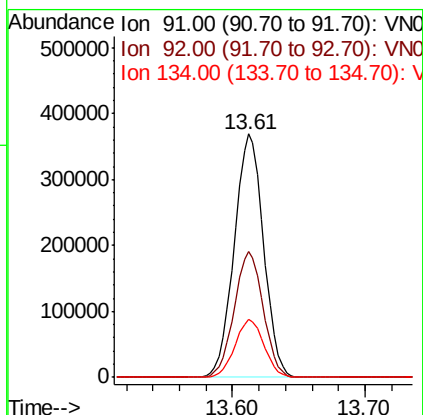
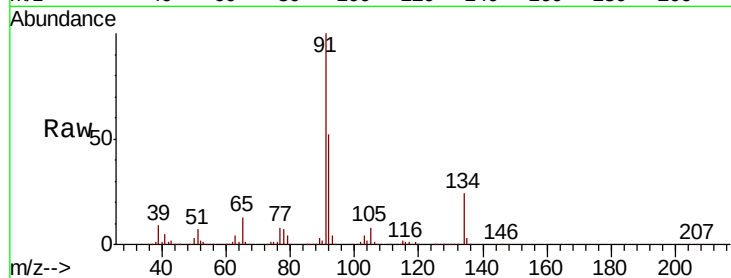
Acq: 21 Nov 2018 21:50

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:	91	Resp:	563847
Ion	Ratio	Lower	Upper
91	100		
92	51.3	25.4	76.2
134	23.7	12.2	36.4



#90

Hexachloroethane

Concen: 50.331 ug/l

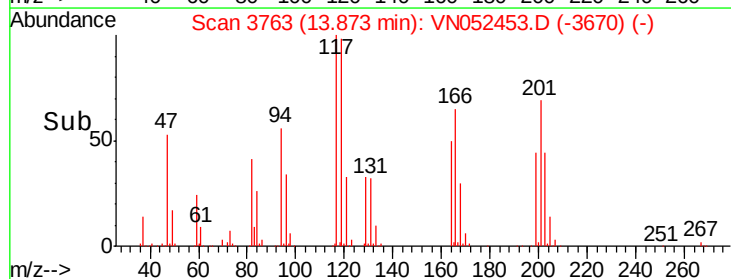
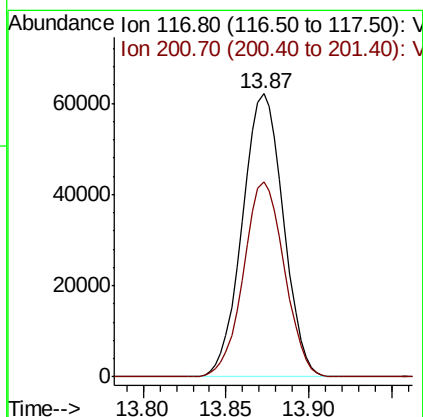
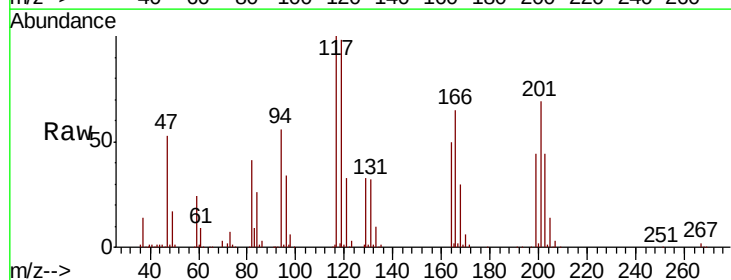
RT: 13.87 min Scan# 3763

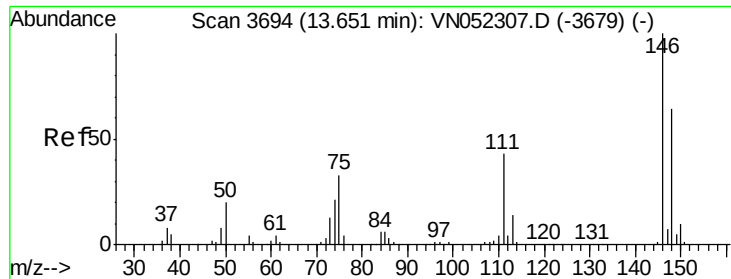
Delta R.T. -0.00 min

Lab File: VN052453.D

Acq: 21 Nov 2018 21:50

Tgt Ion:	117	Resp:	106913
Ion	Ratio	Lower	Upper
117	100		
201	68.6	35.3	105.9

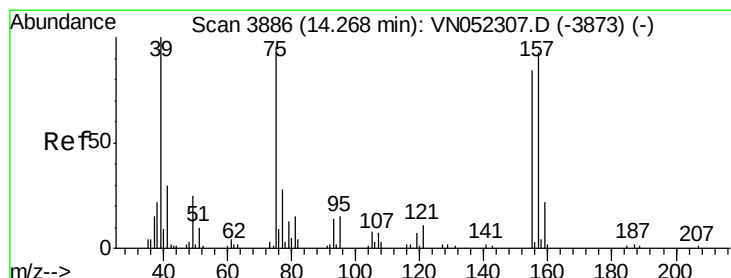
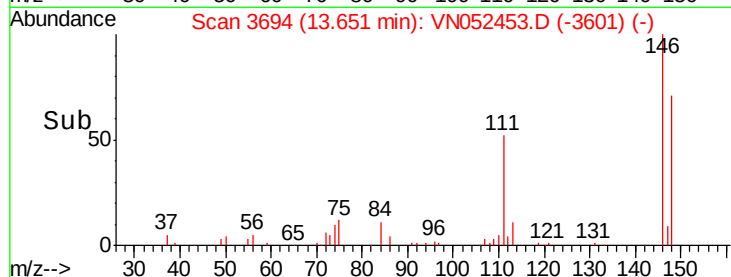
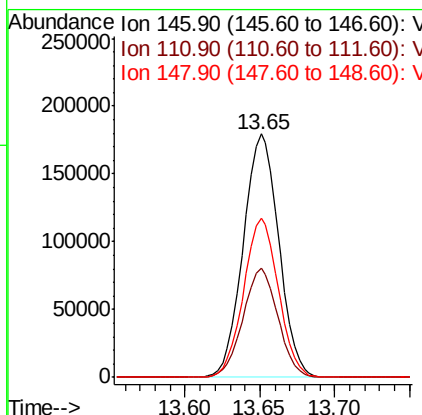
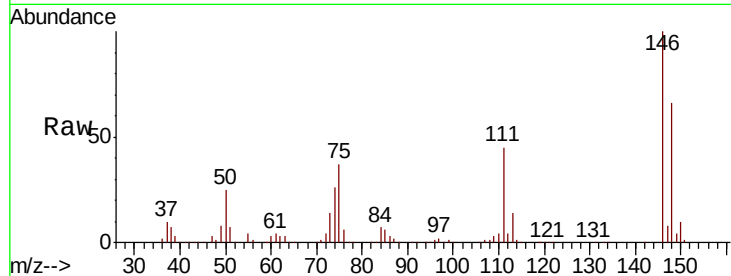




#91
 1,2-Dichlorobenzene
 Concen: 50.046 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

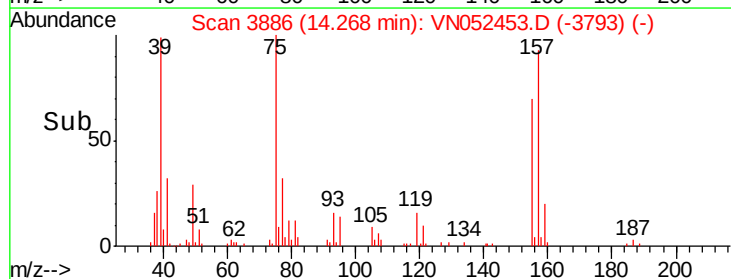
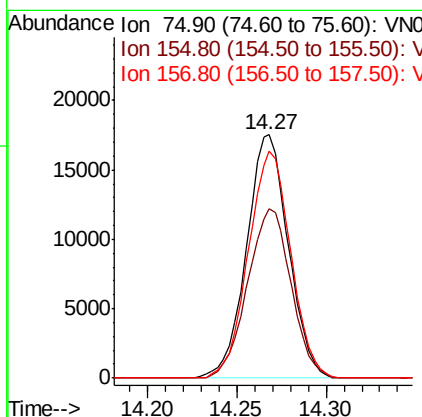
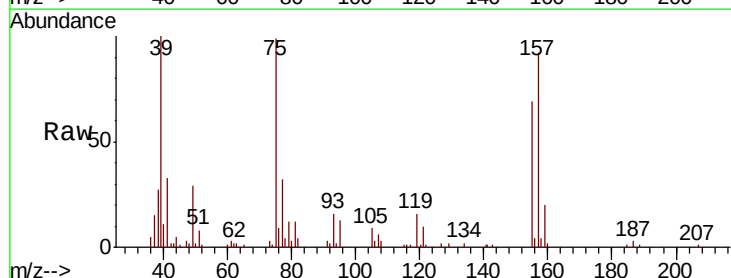
Instrument :
 MSVOA_N
 ClientSampled :

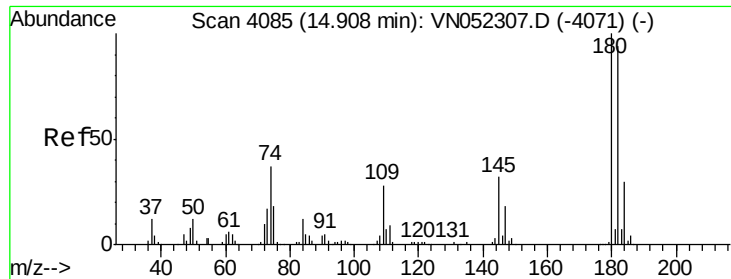
Tot Ion:146 Resp: 296609
 Ion Ratio Lower Upper
 146 100
 111 44.0 21.3 63.9
 148 64.1 31.6 94.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.355 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Tgt Ion: 75 Resp: 28683
 Ion Ratio Lower Upper
 75 100
 155 72.3 42.4 127.3
 157 94.5 49.6 149.0

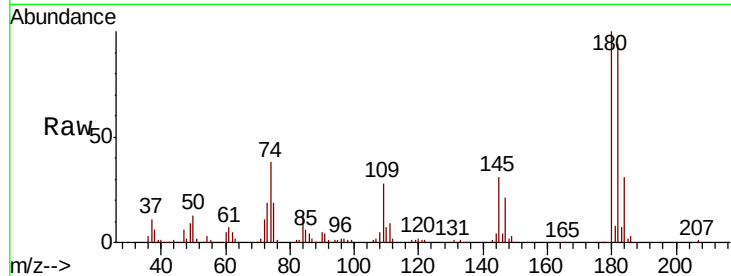




#93
 1,2,4-Trichlorobenzene
 Concen: 50.680 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.6	142.9
145	31.7	15.5	46.5

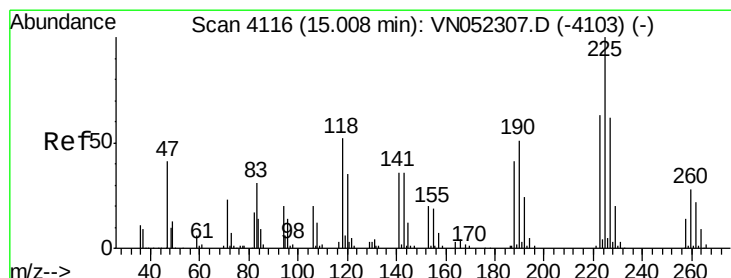
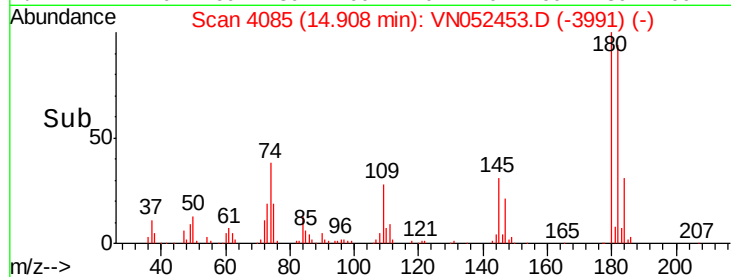
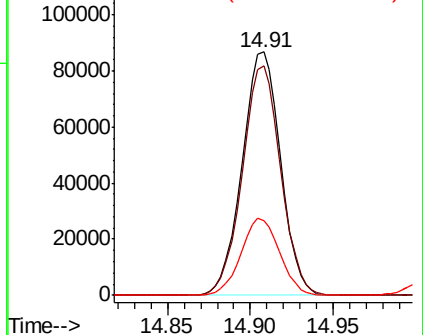


Abundance

Ion 179.80 (179.50 to 180.50): V

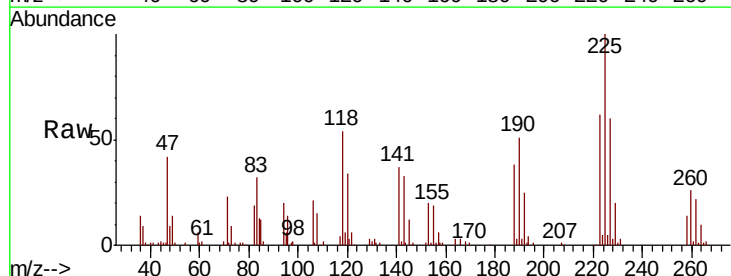
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 52.388 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN052453.D
 Acq: 21 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.9	95.5
227	62.5	31.6	95.0

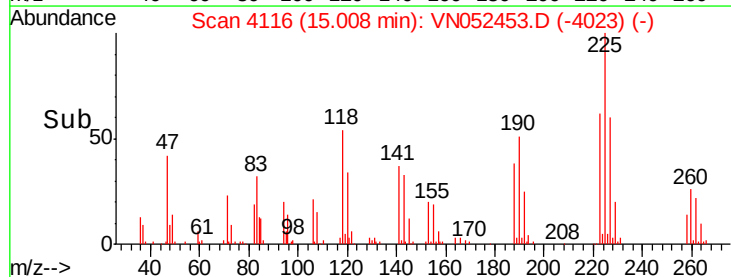
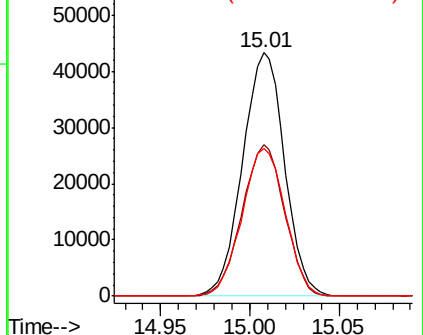


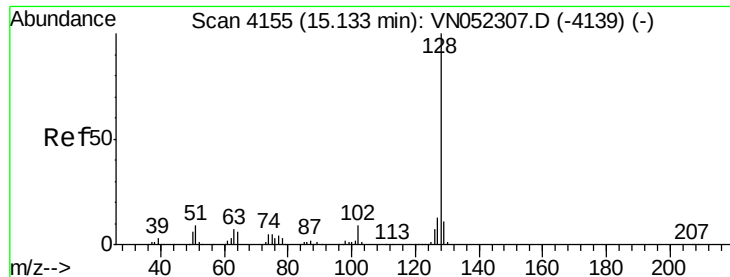
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

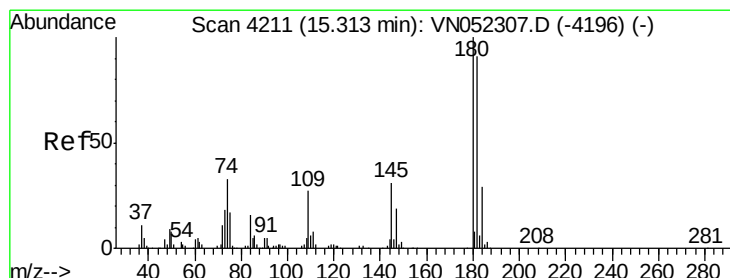
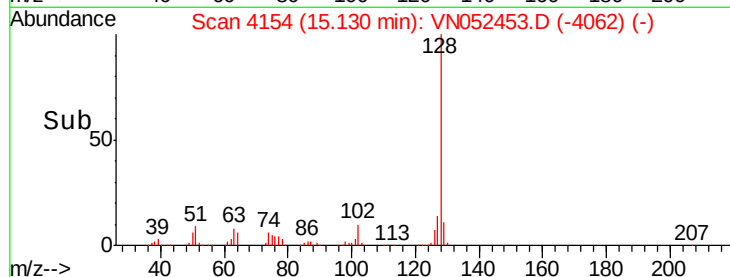
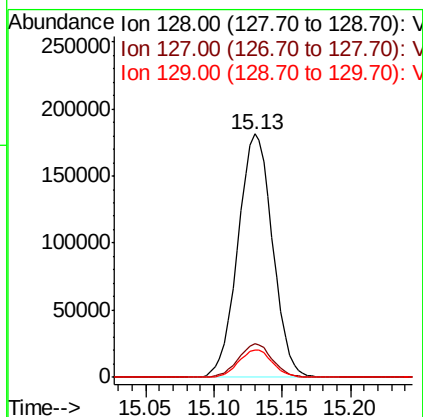
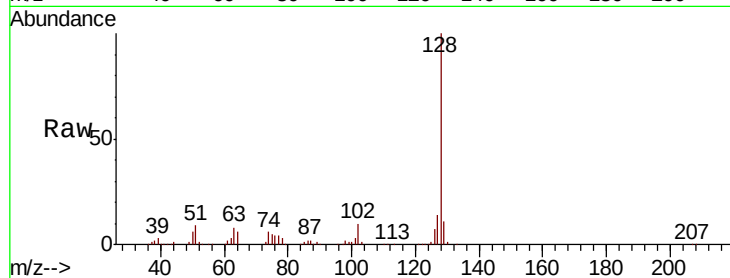




#95
Naphthalene
Concen: 48.928 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	11.1	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 57.046 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN052453.D
Acq: 21 Nov 2018 21:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	46.5	139.3
145	33.2	16.4	49.2

