

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052236.D
 Acq On : 9 Nov 2018 19:22
 Operator : MD\SY
 Sample : VN1109WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

Quant Time: Nov 12 03:24:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	274799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	480709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	420636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	189717	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
35) Dibromofluoromethane	7.59	113	156108	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	10.09	98	597750	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	
62) 4-Bromofluorobenzene	12.40	95	188064	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	59447	19.899	ug/l	98
3) Chloromethane	2.06	50	81979	19.654	ug/l	98
4) Vinyl Chloride	2.19	62	70456	20.274	ug/l	95
5) Bromomethane	2.58	94	40336	18.294	ug/l	98
6) Chloroethane	2.72	64	39359	19.072	ug/l	99
7) Trichlorofluoromethane	3.03	101	93778	19.385	ug/l	98
8) Diethyl Ether	3.41	74	36581	19.222	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	57955	18.673	ug/l	100
10) Methyl Iodide	3.96	142	71642	17.790	ug/l	99
11) Tert butyl alcohol	4.78	59	8590	44.591	ug/l #	71
12) 1,1-Dichloroethene	3.74	96	54556	18.990	ug/l	96
13) Acrolein	3.61	56	31420	124.864	ug/l	94
14) Allyl chloride	4.33	41	102350	17.016	ug/l	91
15) Acrylonitrile	4.99	53	110183	93.060	ug/l	100
16) Acetone	3.82	43	86014	83.328	ug/l	96
17) Carbon Disulfide	4.06	76	158063	18.967	ug/l	98
18) Methyl Acetate	4.33	43	56146	17.879	ug/l	100
19) Methyl tert-butyl Ether	5.06	73	153669	18.722	ug/l	100
20) Methylene Chloride	4.56	84	66258	19.340	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	59326	19.001	ug/l	94
22) Diisopropyl ether	5.95	45	232339	19.269	ug/l	98
23) Vinyl Acetate	5.90	43	783833	94.739	ug/l	99
24) 1,1-Dichloroethane	5.85	63	122582	19.248	ug/l	98
25) 2-Butanone	6.84	43	131118	81.786	ug/l	100
26) 2,2-Dichloropropane	6.83	77	81170	17.450	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	67879	19.422	ug/l	99
28) Bromochloromethane	7.20	49	68210	21.676	ug/l	99
29) Tetrahydrofuran	7.22	42	88803	85.111	ug/l	98
30) Chloroform	7.37	83	115946	19.237	ug/l	98
31) Cyclohexane	7.66	56	118719	19.746	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	96034	19.548	ug/l	98
36) 1,1-Dichloropropene	7.80	75	88498	18.239	ug/l	99
37) Ethyl Acetate	6.93	43	61815	16.939	ug/l	99
38) Carbon Tetrachloride	7.78	117	82586	18.782	ug/l	99

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 Misc : 5.00mL/MSVOA N/WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	102541	18.528	ug/l	98
40) Benzene	8.04	78	264211	19.019	ug/l	99
41) Methacrylonitrile	7.17	41	29954	14.126	ug/l #	88
42) 1,2-Dichloroethane	8.13	62	88276	18.111	ug/l	99
43) Isopropyl Acetate	8.17	43	112393	17.669	ug/l #	87
44) Trichloroethene	8.84	130	63981	18.379	ug/l	99
45) 1,2-Dichloropropane	9.12	63	73209	18.864	ug/l	99
46) Dibromomethane	9.21	93	41123	18.447	ug/l	100
47) Bromodichloromethane	9.40	83	85890	18.596	ug/l	98
48) Methyl methacrylate	9.20	41	57137	17.048	ug/l	98
49) 1,4-Dioxane	9.20	88	8855	328.658	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	305308	86.911	ug/l	100
52) Toluene	10.16	92	158538	18.919	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	81842	17.956	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	97135	18.054	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	55472	18.314	ug/l	98
56) Ethyl methacrylate	10.43	69	73216	17.885	ug/l	99
57) 1,3-Dichloropropane	10.71	76	98588	18.183	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	211008	93.091	ug/l	99
59) 2-Hexanone	10.75	43	197509	80.091	ug/l	100
60) Dibromochloromethane	10.90	129	57264	18.639	ug/l	96
61) 1,2-Dibromoethane	11.01	107	53242	17.886	ug/l	98
64) Tetrachloroethene	10.63	164	55167	18.732	ug/l	96
65) Chlorobenzene	11.43	112	168641	18.921	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.51	131	57897	19.177	ug/l	99
67) Ethyl Benzene	11.51	91	295751	18.865	ug/l	99
68) m/p-Xylenes	11.62	106	218873	37.488	ug/l	99
69) o-Xylene	11.95	106	105302	18.878	ug/l	100
70) Styrene	11.96	104	168282	18.674	ug/l	98
71) Bromoform	12.13	173	31885	17.703	ug/l #	98
73) Isopropylbenzene	12.25	105	280313	19.669	ug/l	99
74) N-amyl acetate	12.07	43	94827	18.328	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	66073	18.911	ug/l	97
76) 1,2,3-Trichloropropane	12.55	75	82502	26.747	ug/l #	100
77) Bromobenzene	12.53	156	63566	19.055	ug/l	97
78) n-propylbenzene	12.59	91	322593	19.327	ug/l	100
79) 2-Chlorotoluene	12.67	91	186927	19.331	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	223394	19.710	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	15481	17.132	ug/l	90
82) 4-Chlorotoluene	12.77	91	187227	19.297	ug/l	100
83) tert-Butylbenzene	12.99	119	192144	19.418	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	220482	19.294	ug/l	100
85) sec-Butylbenzene	13.17	105	266043	19.606	ug/l	99
86) p-Isopropyltoluene	13.29	119	215937	19.022	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	108625	18.705	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	107977	18.572	ug/l	99
89) n-Butylbenzene	13.62	91	184846	18.286	ug/l	100
90) Hexachloroethane	13.87	117	36635	18.386	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	106725	18.831	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	8476	17.064	ug/l	97

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Quant Time: Nov 12 03:24:10 2018
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Quant Title : SW846 8260
QLast Update : Mon Nov 12 00:34:27 2018
Response via : Initial Calibration

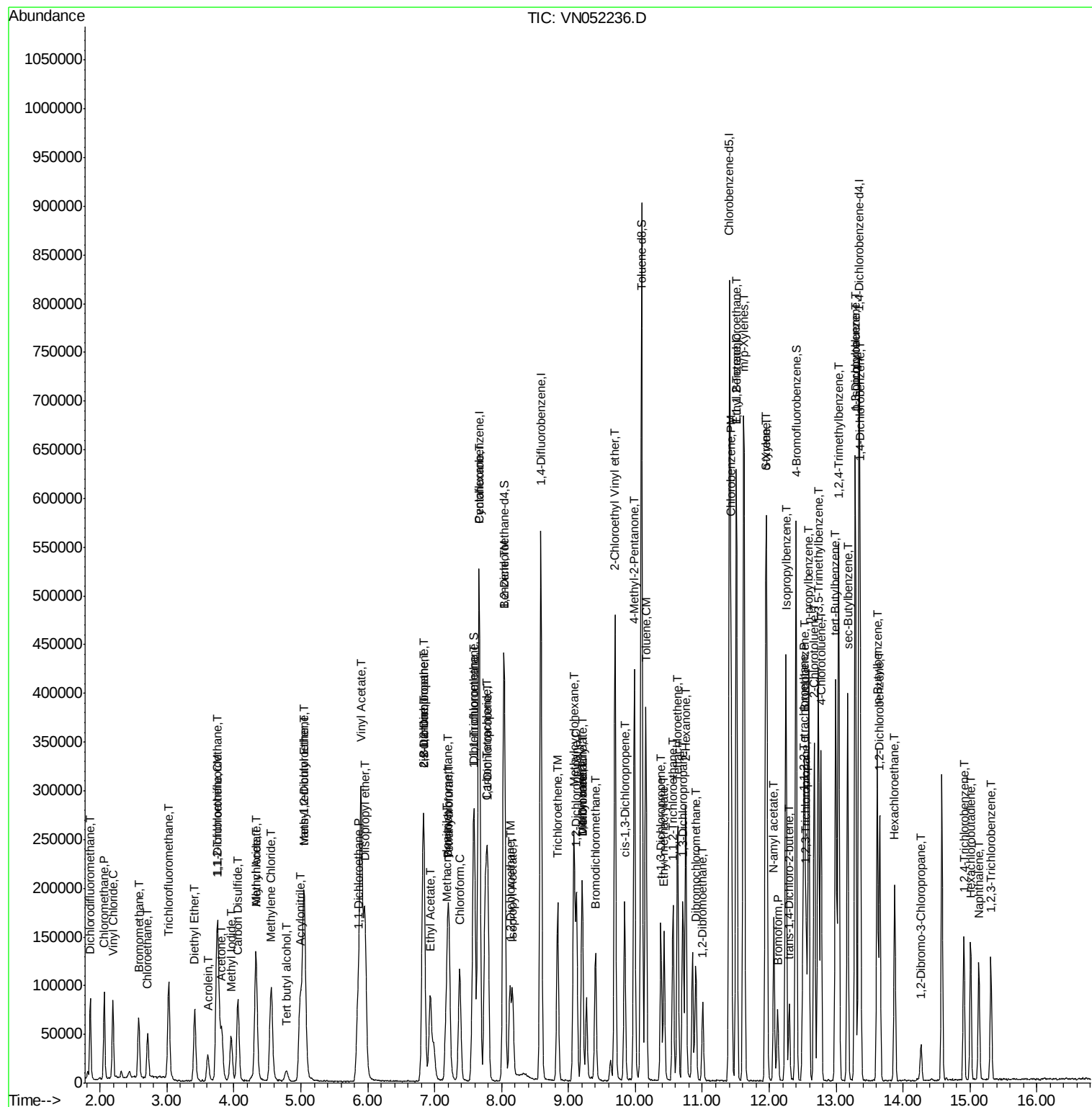
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	42451	18.942	ug/l	97
94) Hexachlorobutadiene	15.01	225	22894	18.799	ug/l	99
95) Naphthalene	15.13	128	96312	17.437	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	38080	17.972	ug/l	98

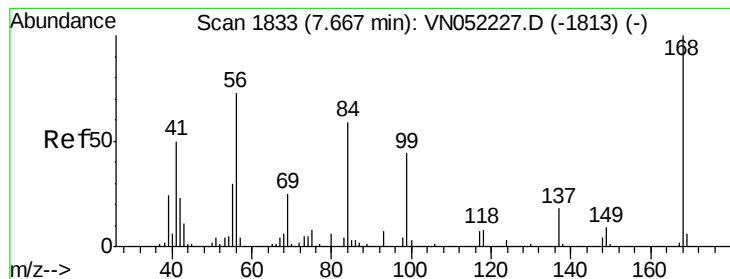
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 Data File : VN052236.D
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 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: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

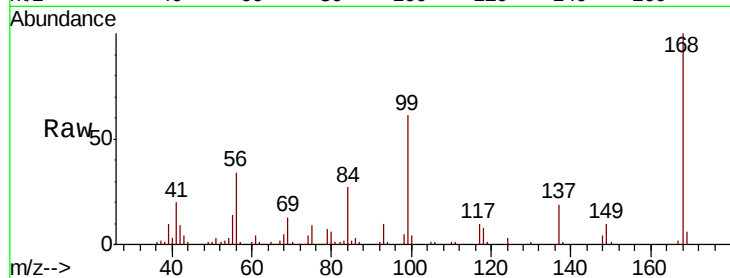
VN1109WBS01

Tot Ion:168 Resp: 274799

Ion Ratio Lower Upper

168 100

99 60.8 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

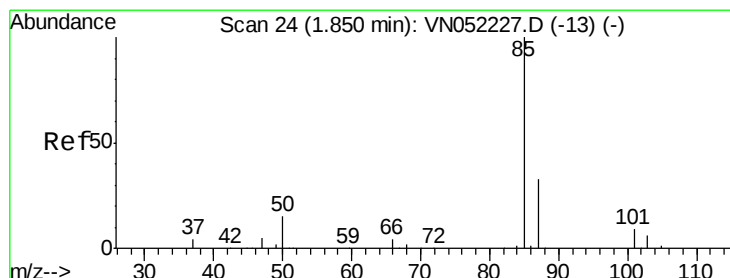
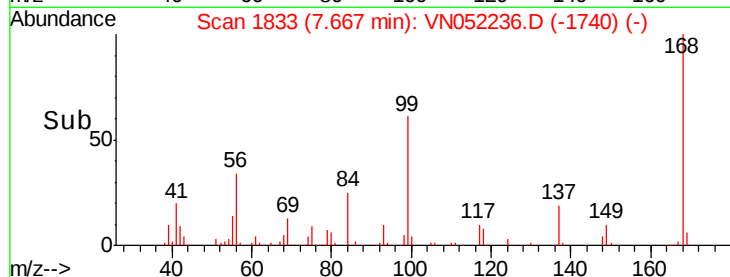
7.67

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.899 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052236.D

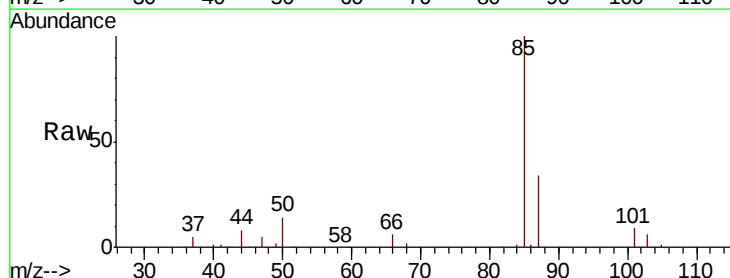
Acq: 9 Nov 2018 19:22

Tgt Ion: 85 Resp: 59447

Ion Ratio Lower Upper

85 100

87 34.4 16.7 50.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

50000

40000

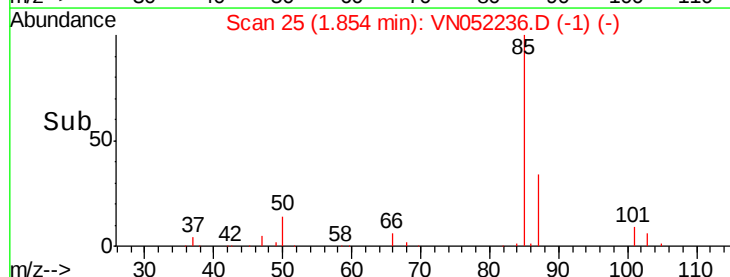
30000

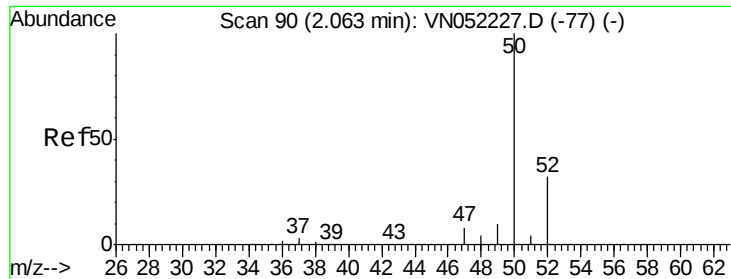
20000

10000

0

Time-->





#3

Chloromethane

Concen: 19.654 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

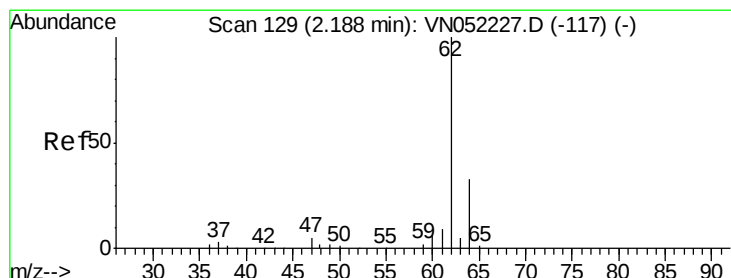
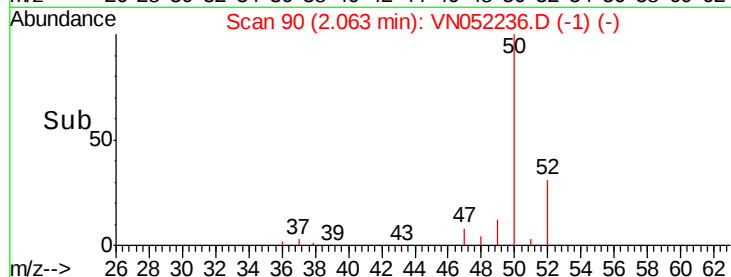
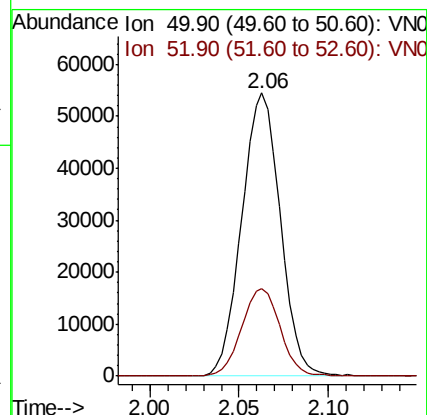
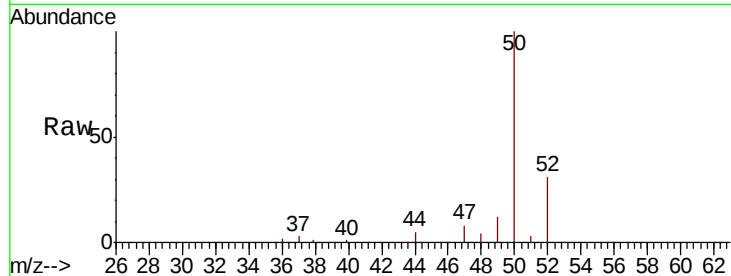
VN1109WBS01

Tot Ion: 50 Resp: 81979

Ion Ratio Lower Upper

50 100

52 31.0 25.7 38.5



#4

Vinyl Chloride

Concen: 20.274 ug/l

RT: 2.19 min Scan# 130

Delta R.T. 0.00 min

Lab File: VN052236.D

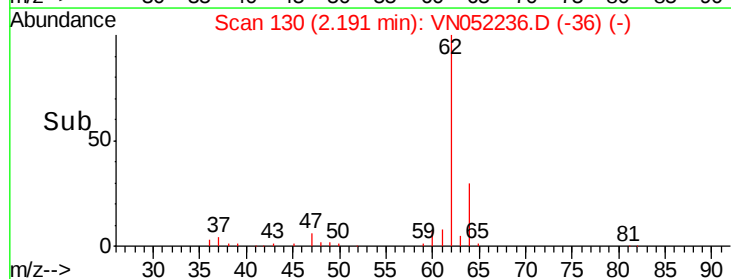
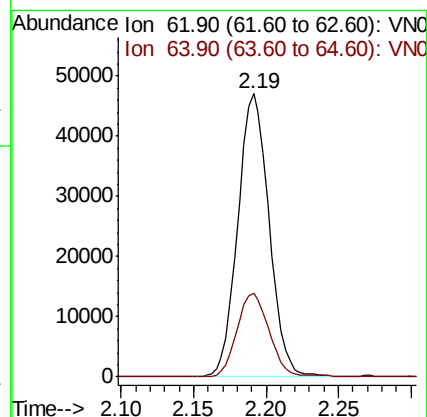
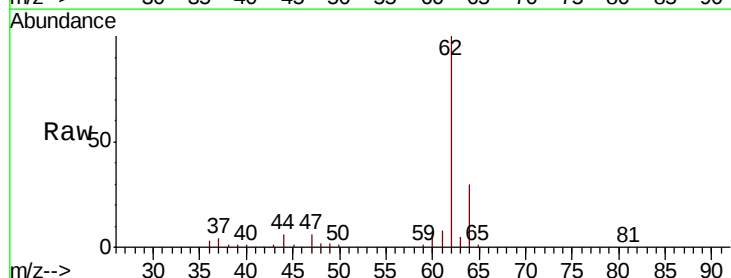
Acq: 9 Nov 2018 19:22

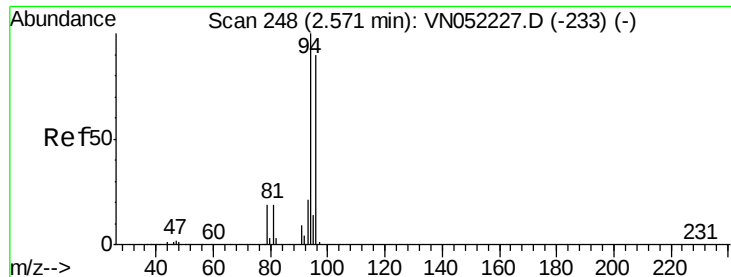
Tgt Ion: 62 Resp: 70456

Ion Ratio Lower Upper

62 100

64 29.6 26.1 39.1





#5

Bromomethane

Concen: 18.294 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.01 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

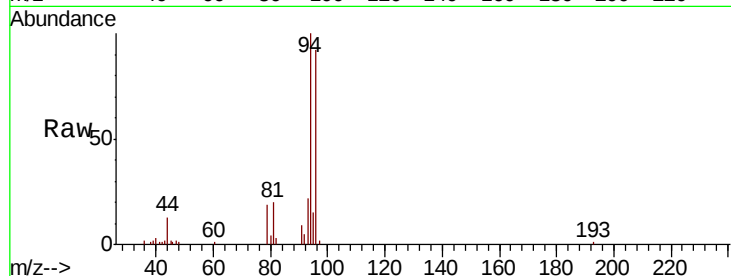
VN1109WBS01

Tot Ion: 94 Resp: 40336

Ion Ratio Lower Upper

94 100

96 91.8 71.8 107.8



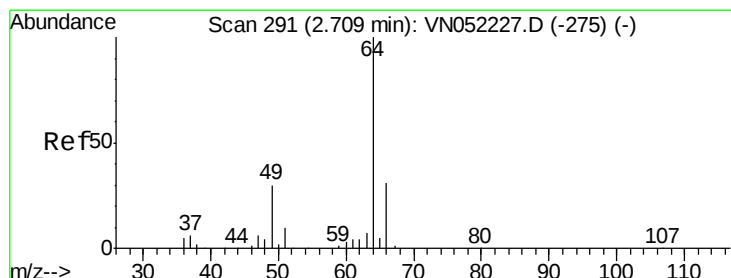
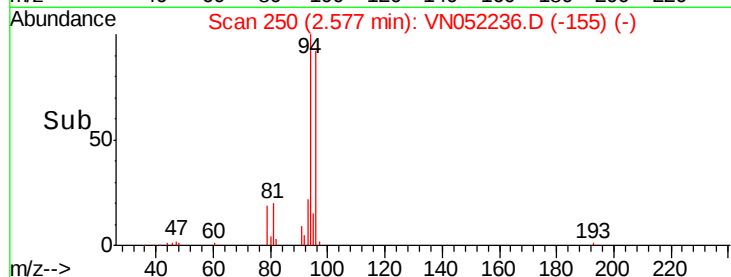
Abundance Ion 93.90 (93.60 to 94.60): VN052227.D (-233) (-)

Ion 95.90 (95.60 to 96.60): VN052227.D (-233) (-)

2.58

2.50 2.55 2.60 2.65

Time-->



#6

Chloroethane

Concen: 19.072 ug/l

RT: 2.72 min Scan# 293

Delta R.T. 0.01 min

Lab File: VN052236.D

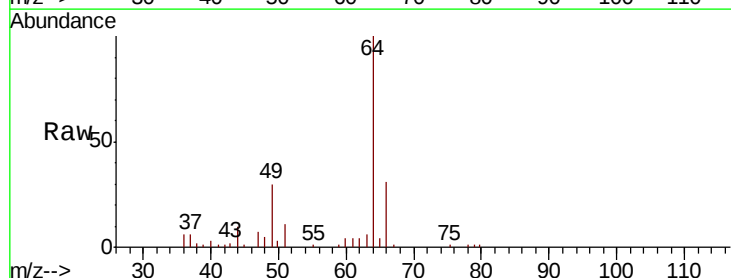
Acq: 9 Nov 2018 19:22

Tgt Ion: 64 Resp: 39359

Ion Ratio Lower Upper

64 100

66 31.5 24.6 36.8



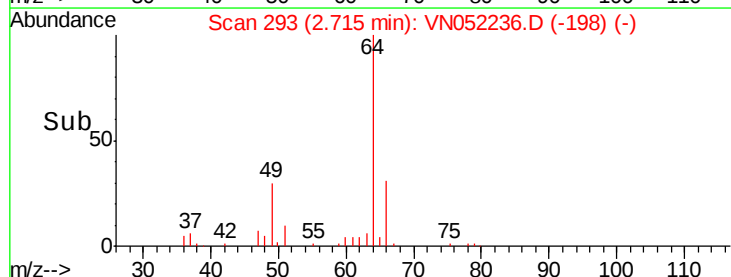
Abundance Ion 63.90 (63.60 to 64.60): VN052227.D (-275) (-)

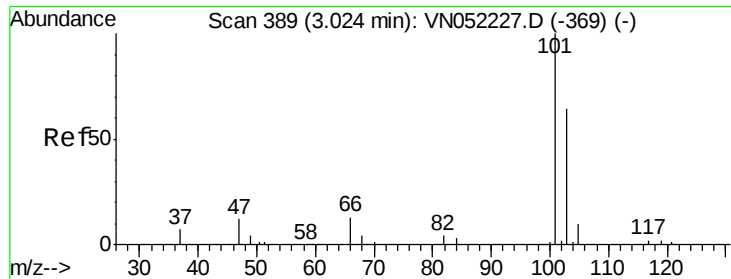
Ion 65.90 (65.60 to 66.60): VN052227.D (-275) (-)

2.72

2.65 2.70 2.75 2.80

Time-->



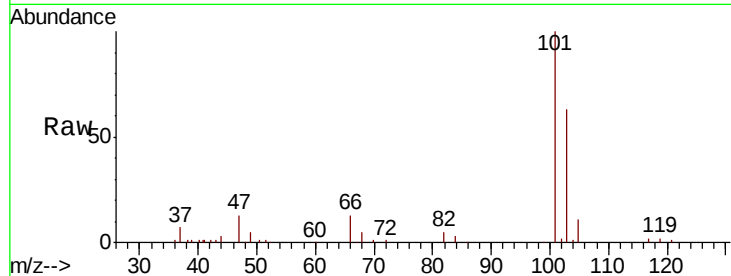


#7

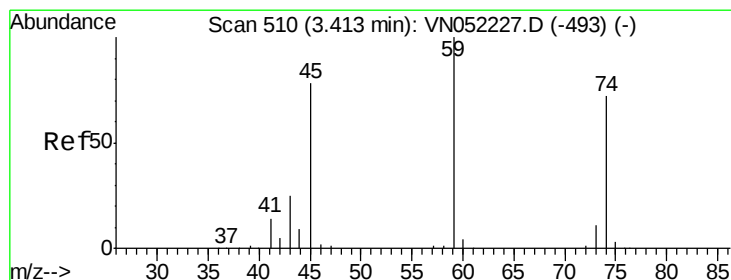
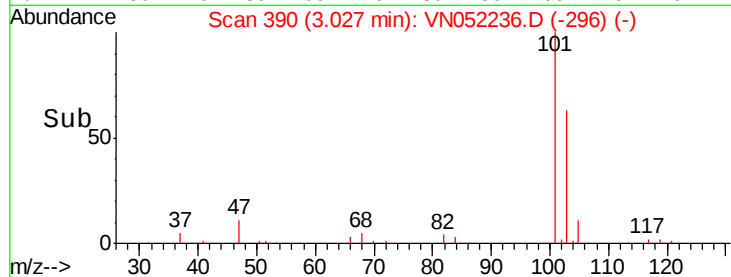
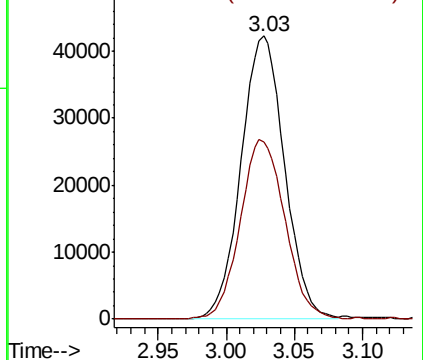
Trichlorofluoromethane
 Concen: 19.385 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

Tot Ion:101 Resp: 93778
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.2 76.8



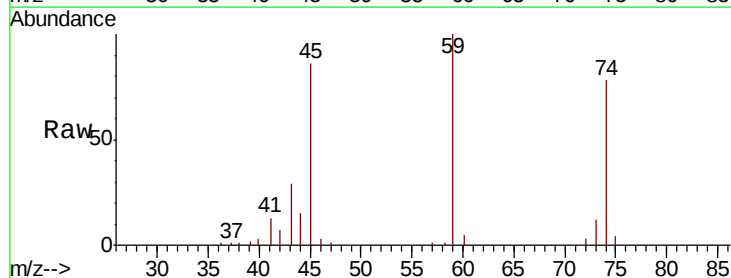
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



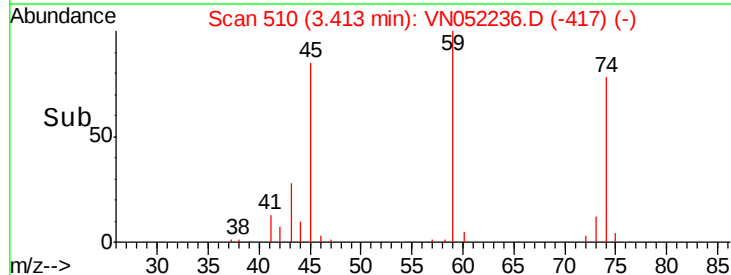
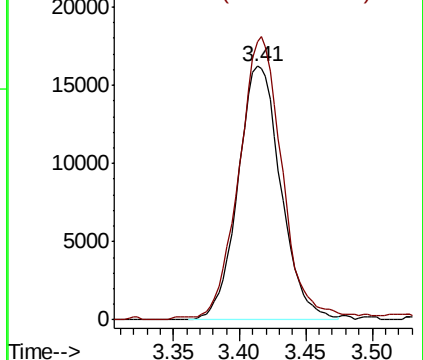
#8

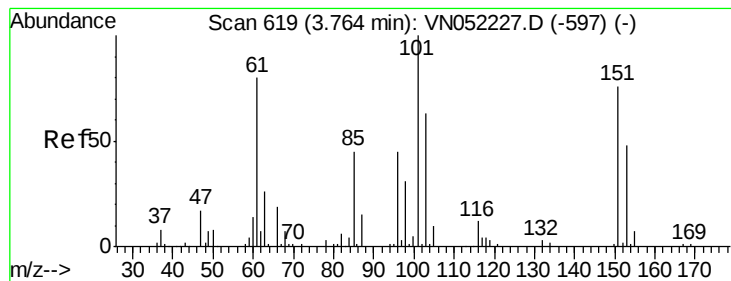
Diethyl Ether
 Concen: 19.222 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion: 74 Resp: 36581
 Ion Ratio Lower Upper
 74 100
 45 113.8 55.5 166.7



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.673 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

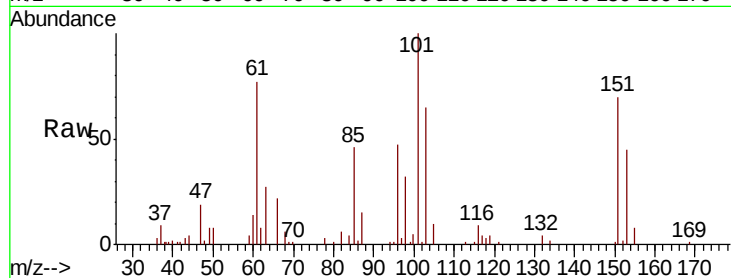
Tot Ion:101 Resp: 57955

Ion Ratio Lower Upper

101 100

85 44.8 36.2 54.4

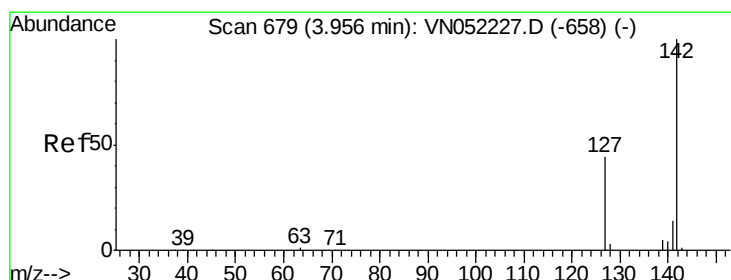
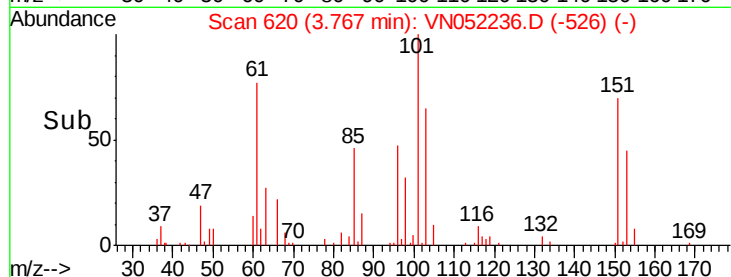
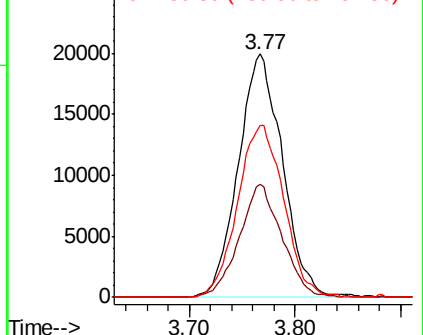
151 73.8 59.2 88.8



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: 17.790 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

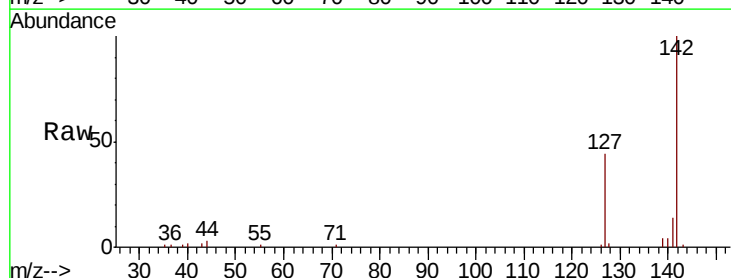
Tgt Ion:142 Resp: 71642

Ion Ratio Lower Upper

142 100

127 44.6 35.3 52.9

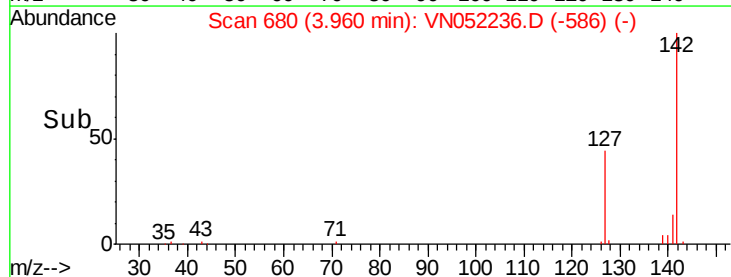
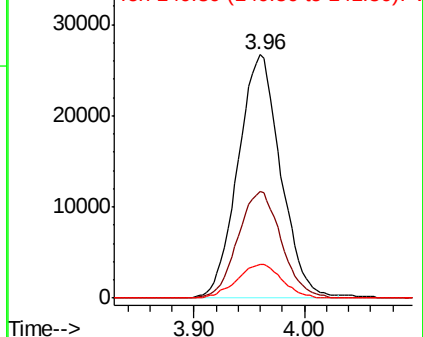
141 14.7 11.8 17.6

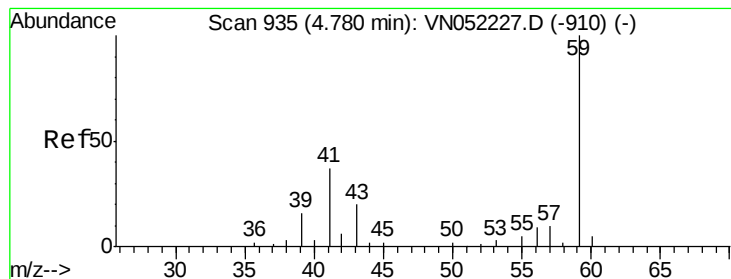


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



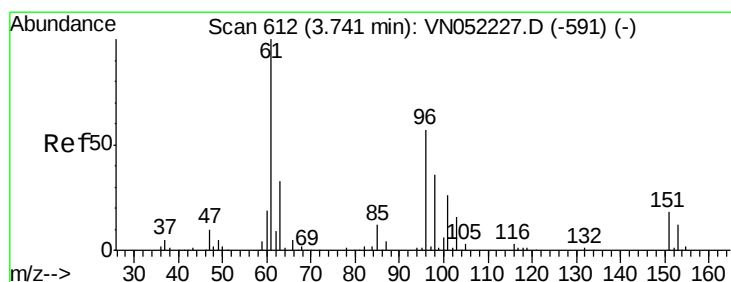
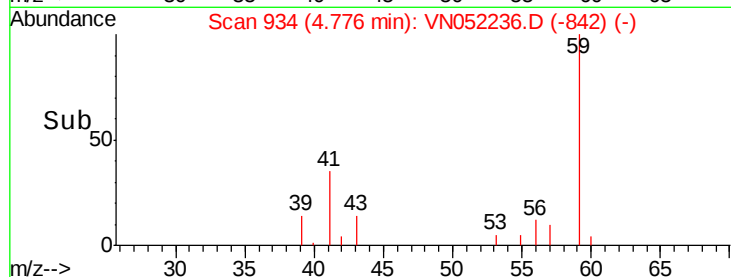
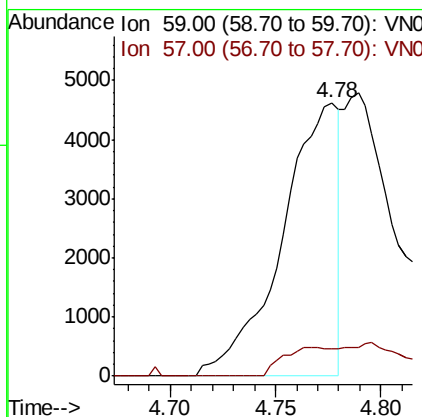
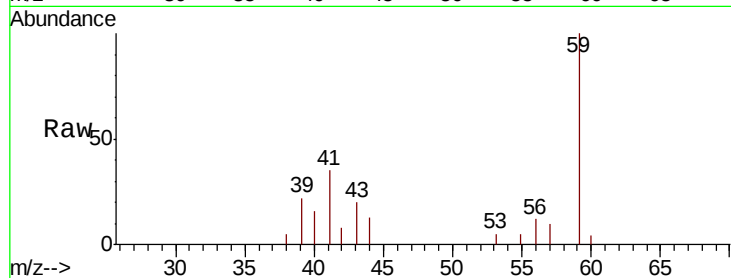


#11

Tert butyl alcohol
 Concen: 44.591 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Instrument :
 MSVOA_N
 ClientSampled :
 VN1109WBS01

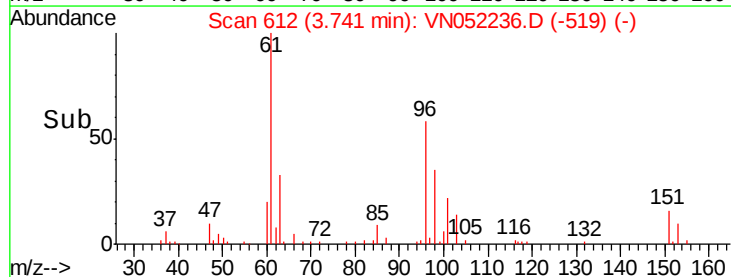
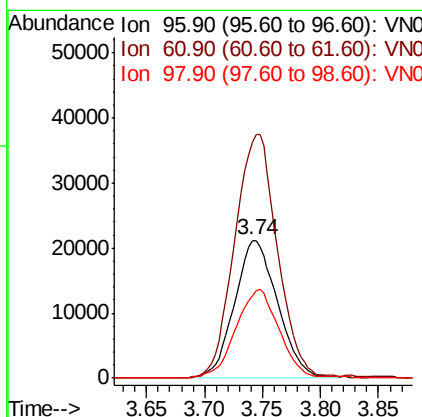
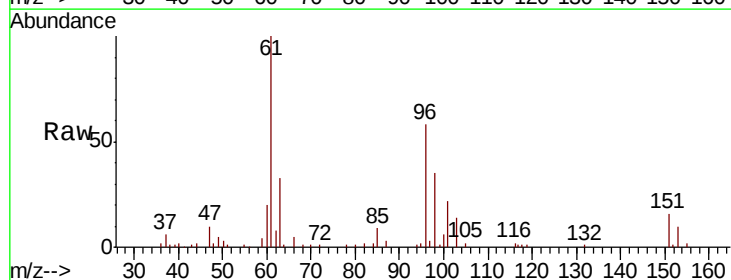
Tot Ion: 59 Resp: 8590
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.8 13.2#

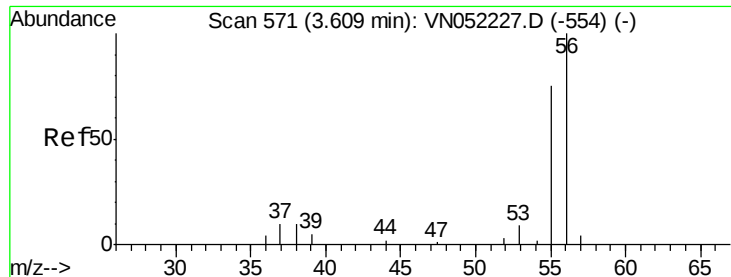


#12

1,1-Dichloroethene
 Concen: 18.990 ug/l
 RT: 3.74 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion: 96 Resp: 54556
 Ion Ratio Lower Upper
 96 100
 61 171.2 141.1 211.7
 98 60.3 50.3 75.5

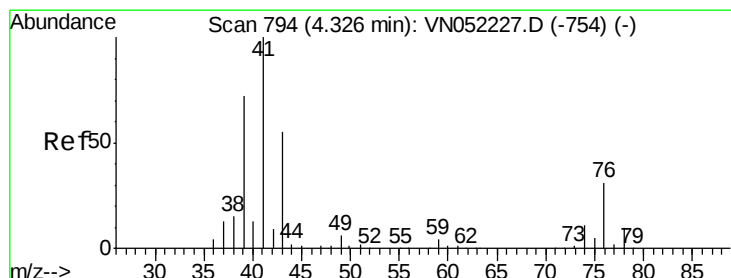
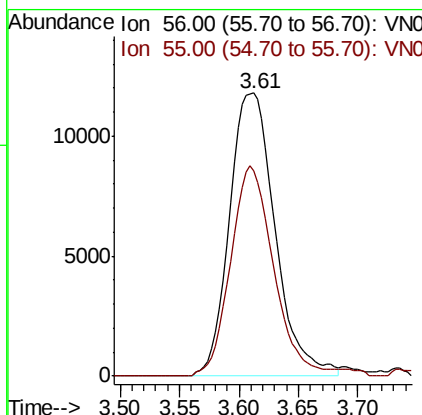
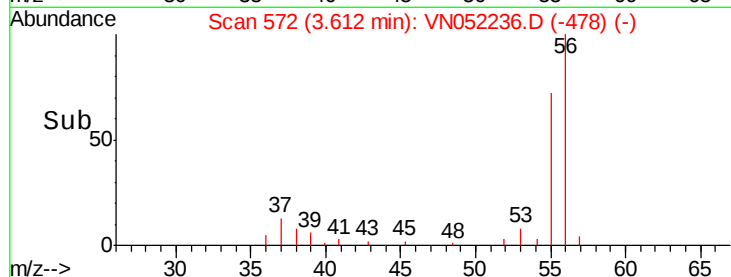
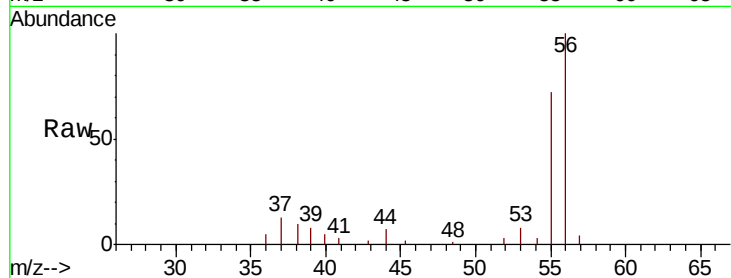




#13
Acrolein
Concen: 124.864 ug/l
RT: 3.61 min Scan# 572
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

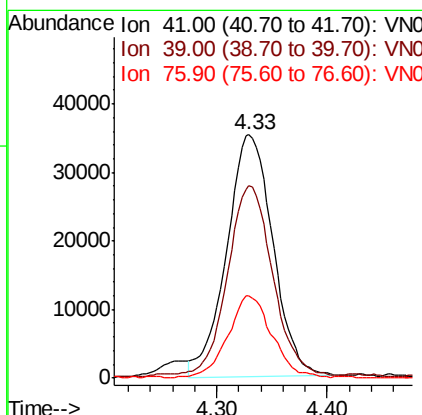
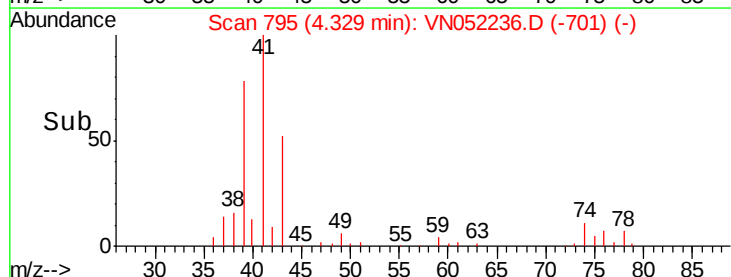
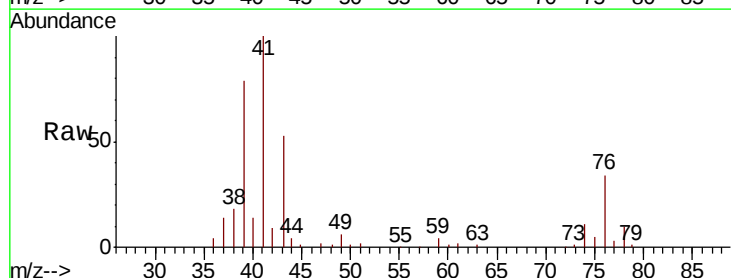
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

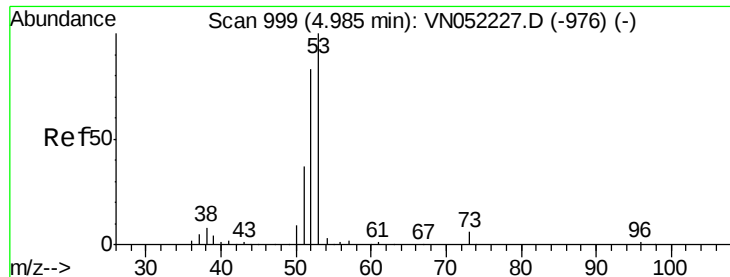
Tot Ion: 56 Resp: 31420
Ion Ratio Lower Upper
56 100
55 69.9 59.9 89.9



#14
Allyl chloride
Concen: 17.016 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 41 Resp: 102350
Ion Ratio Lower Upper
41 100
39 77.8 55.1 82.7
76 32.6 23.6 35.4

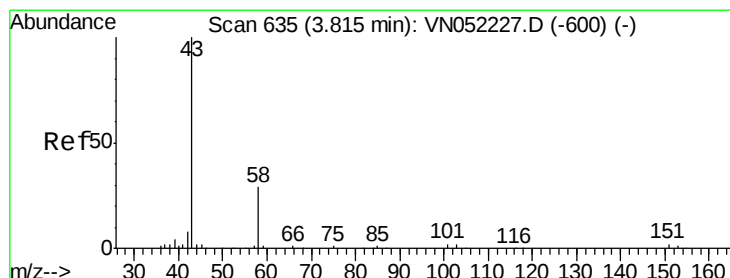
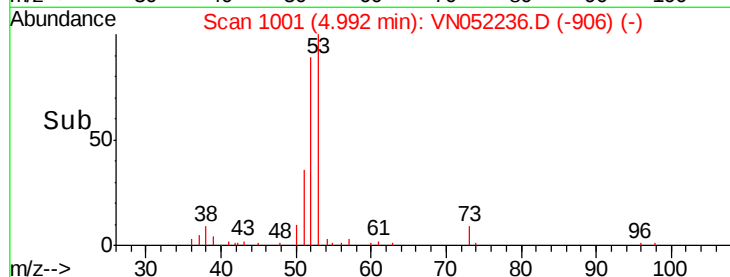
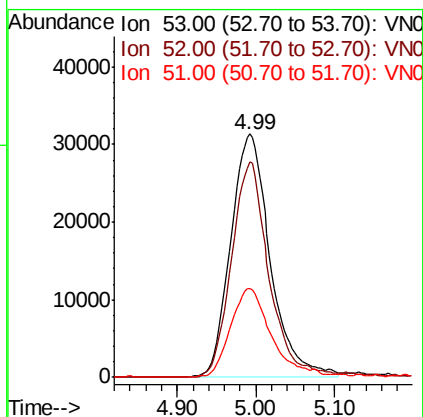
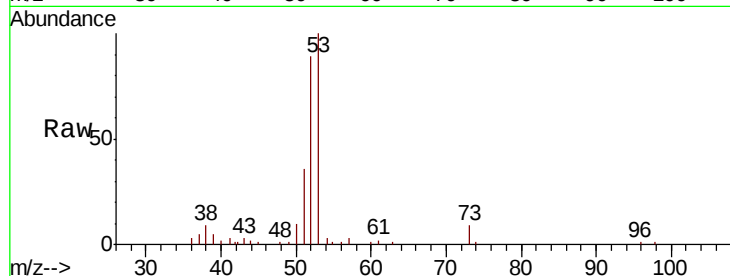




#15
 Acrylonitrile
 Concen: 93.060 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

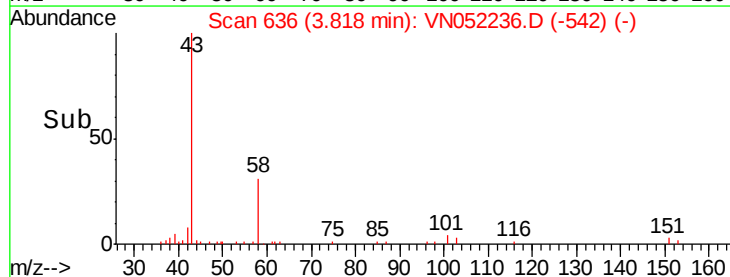
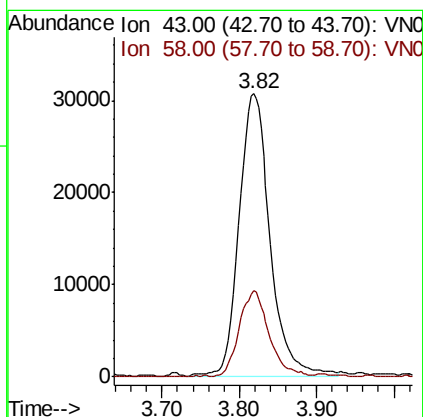
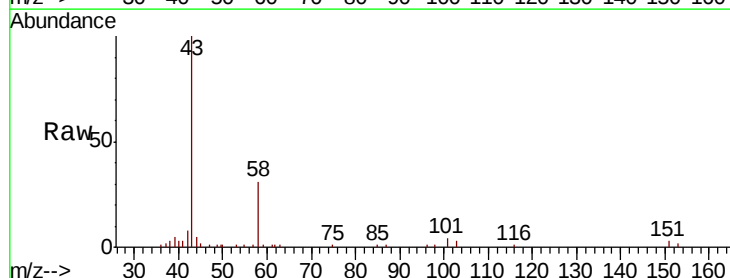
Instrument :
 MSVOA_N
 ClientSampled :
 VN1109WBS01

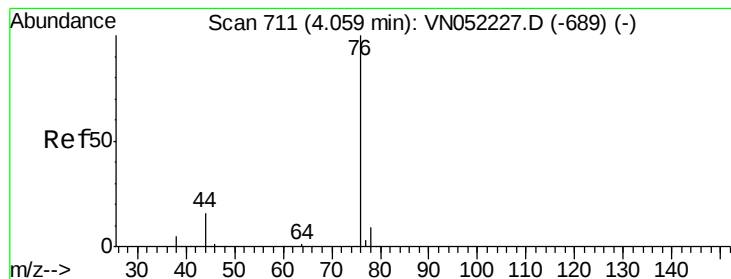
Tot Ion: 53 Resp: 110183
 Ion Ratio Lower Upper
 53 100
 52 83.5 66.7 100.1
 51 36.9 29.4 44.0



#16
 Acetone
 Concen: 83.328 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion: 43 Resp: 86014
 Ion Ratio Lower Upper
 43 100
 58 30.7 23.0 34.6





#17

Carbon Disulfide

Concen: 18.967 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

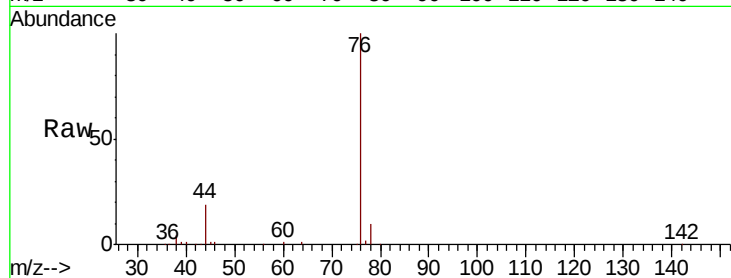
VN1109WBS01

Tot Ion: 76 Resp: 158063

Ion Ratio Lower Upper

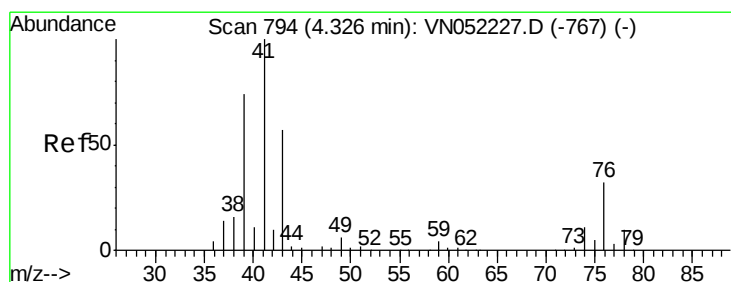
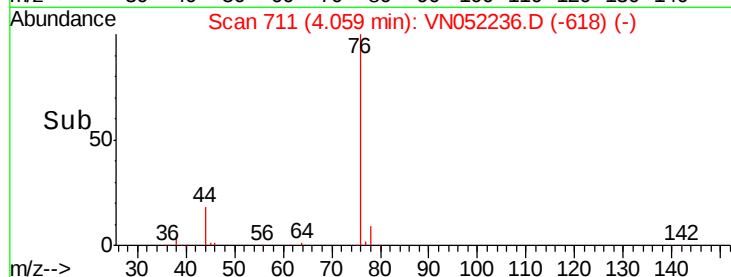
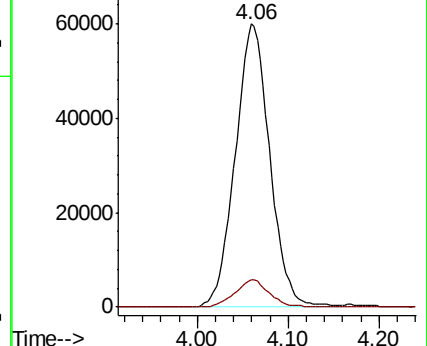
76 100

78 9.8 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 17.879 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052236.D

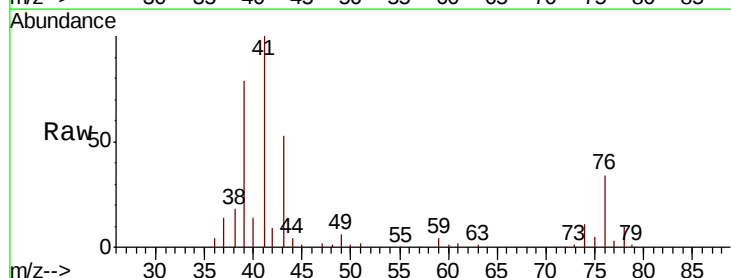
Acq: 9 Nov 2018 19:22

Tgt Ion: 43 Resp: 56146

Ion Ratio Lower Upper

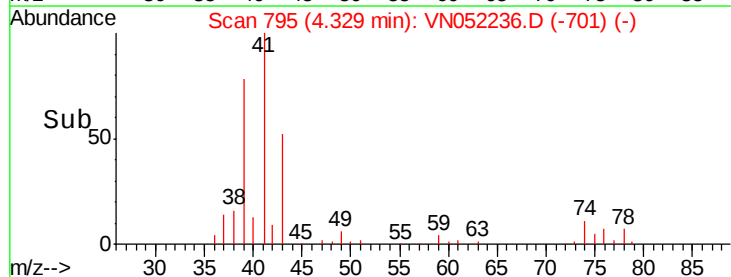
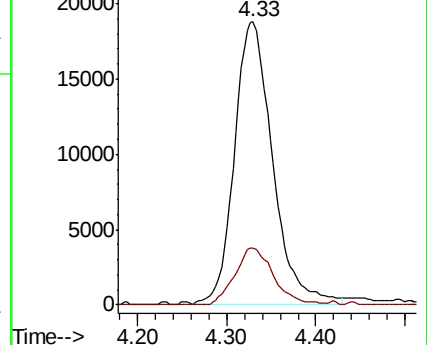
43 100

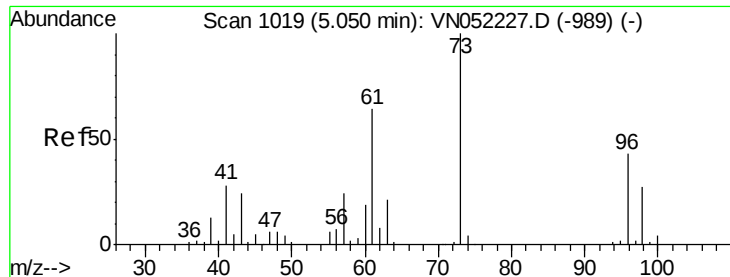
74 20.3 16.2 24.2



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

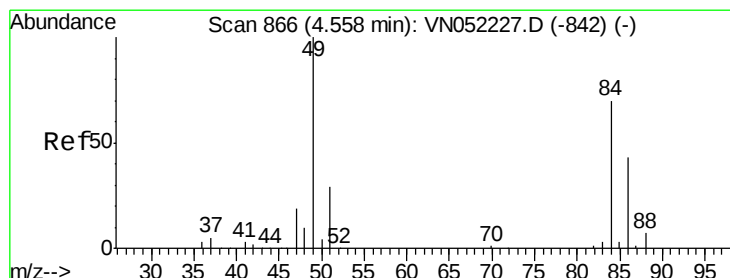
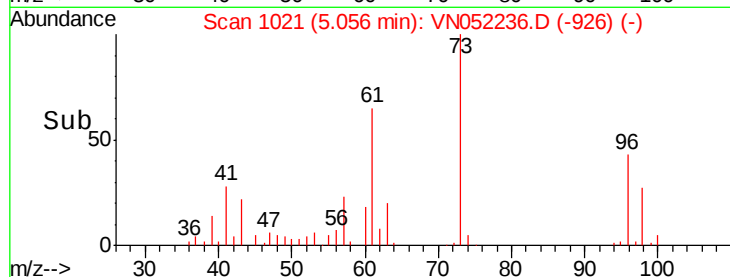
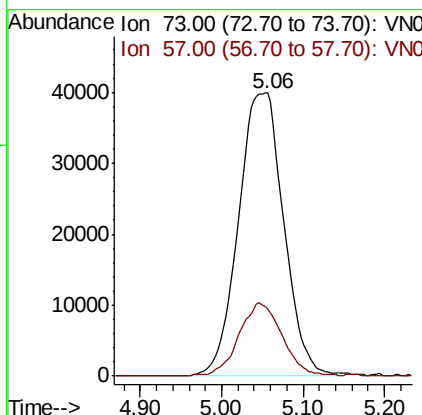
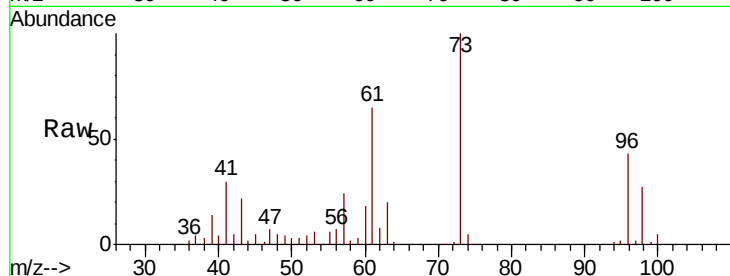




#19
Methvl tert-butvl Ether
Concen: 18.722 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.01 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

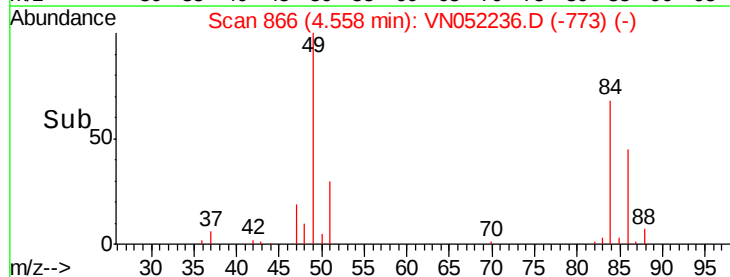
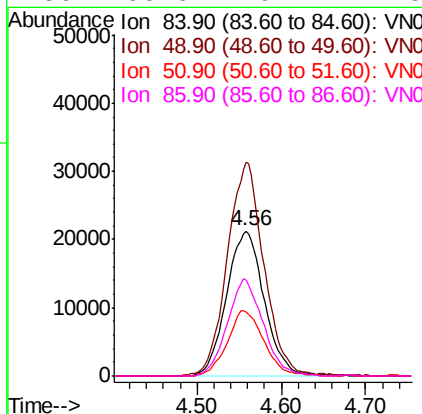
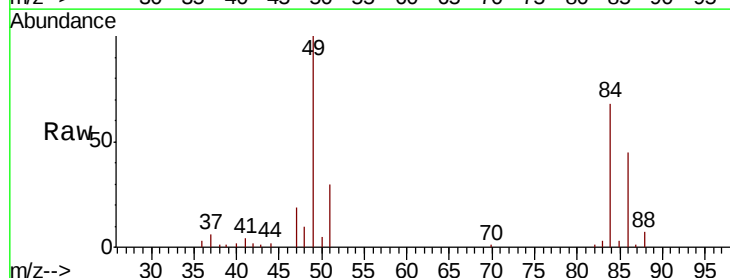
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

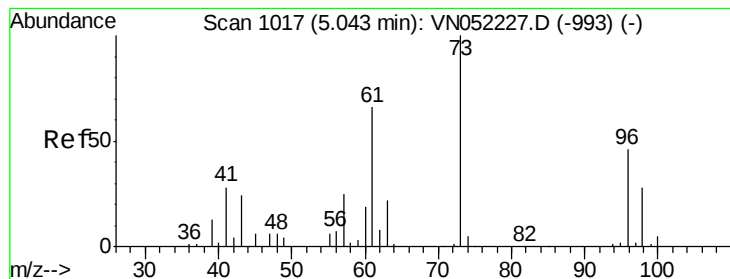
Tot Ion: 73 Resp: 153669
Ion Ratio Lower Upper
73 100
57 23.8 19.1 28.7



#20
Methylene Chloride
Concen: 19.340 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 84 Resp: 66258
Ion Ratio Lower Upper
84 100
49 146.4 114.8 172.2
51 43.9 33.1 49.7
86 66.6 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 19.001 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

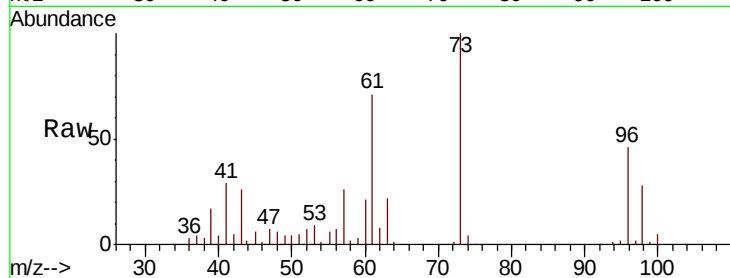
Tot Ion: 96 Resp: 59326

Ion Ratio Lower Upper

96 100

61 154.9 115.3 172.9

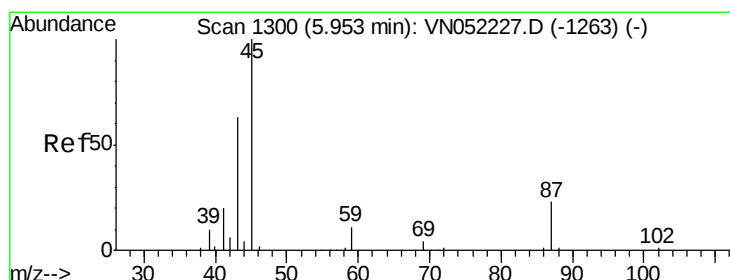
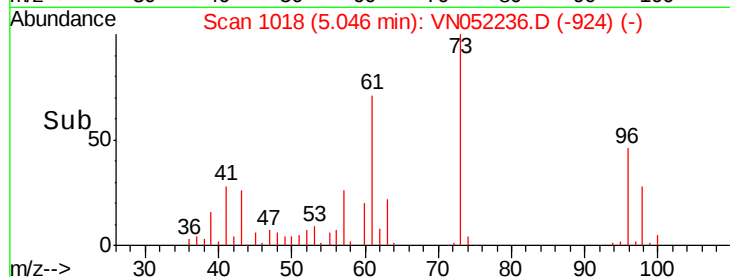
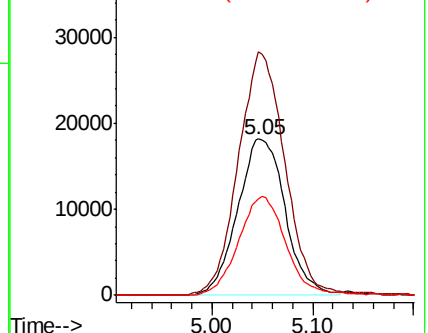
98 61.9 49.5 74.3



Abundance Ion 95.90 (95.60 to 96.60): VN052227.D (-993) (-)

Ion 60.90 (60.60 to 61.60): VN052227.D (-993) (-)

Ion 97.90 (97.60 to 98.60): VN052227.D (-993) (-)



#22

Diisopropyl ether

Concen: 19.269 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Tgt Ion: 45 Resp: 232339

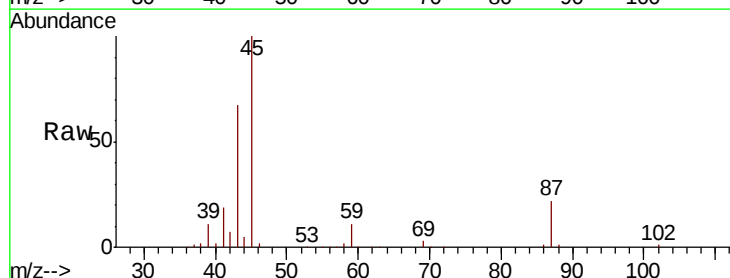
Ion Ratio Lower Upper

45 100

43 64.4 50.6 76.0

87 22.0 19.0 28.4

59 10.1 8.6 13.0

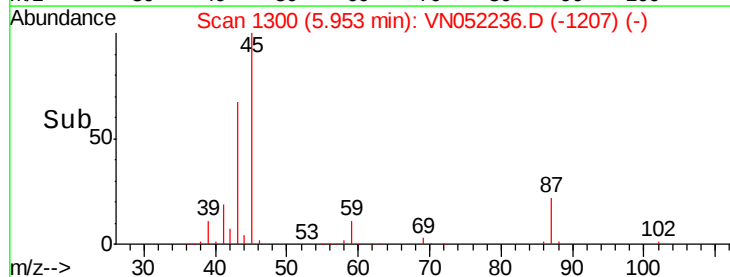
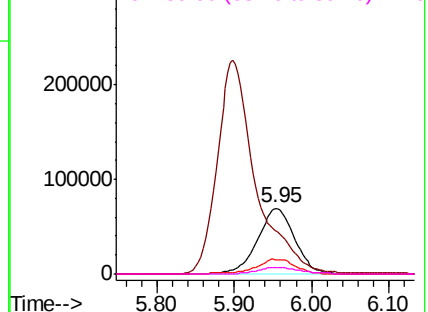


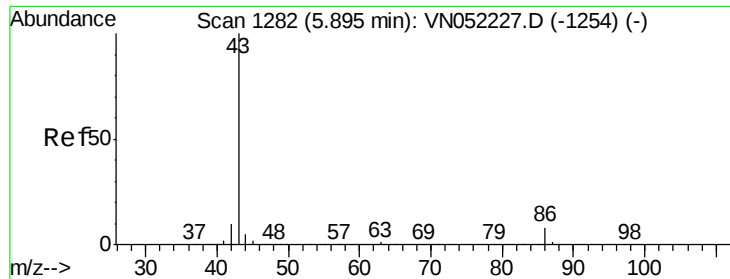
Abundance Ion 45.00 (44.70 to 45.70): VN052227.D (-1263) (-)

Ion 43.00 (42.70 to 43.70): VN052227.D (-1263) (-)

Ion 87.00 (86.70 to 87.70): VN052227.D (-1263) (-)

Ion 59.00 (58.70 to 59.70): VN052227.D (-1263) (-)

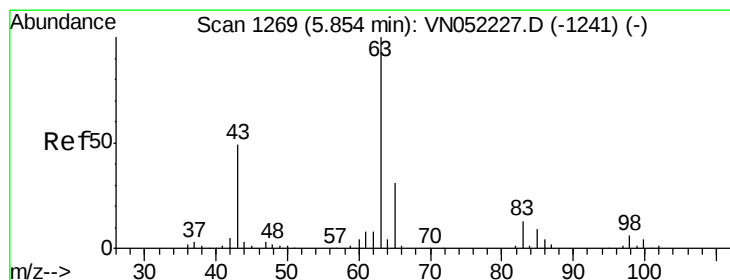
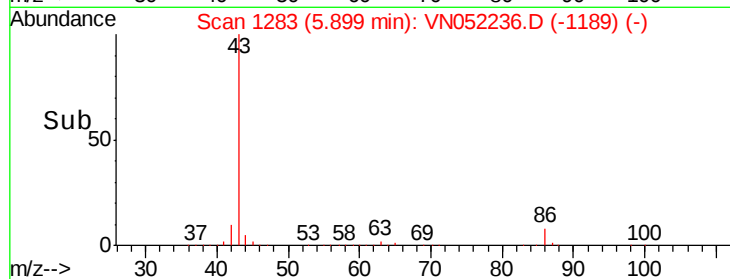
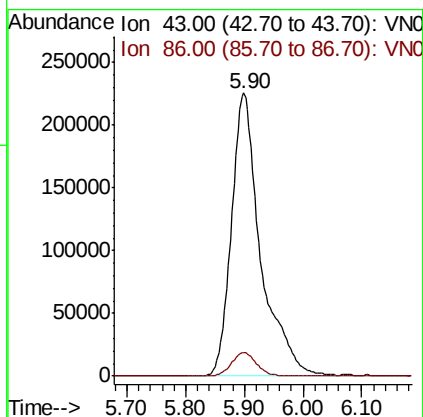
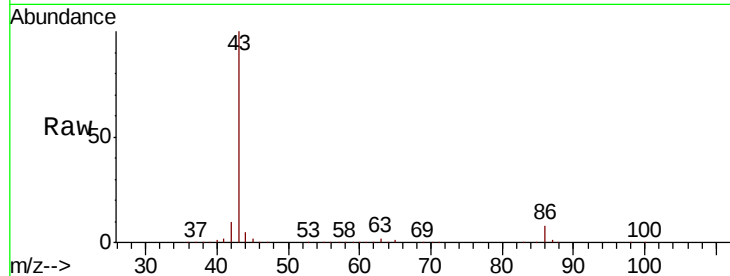




#23
 Vinyl Acetate
 Concen: 94.739 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

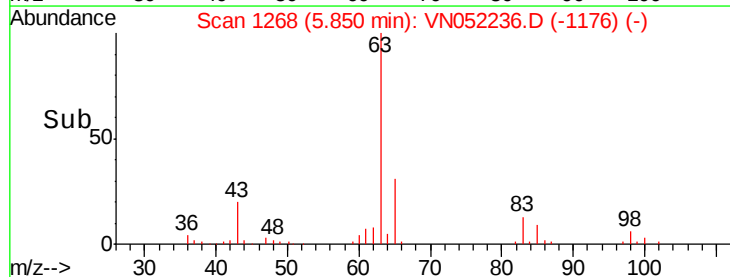
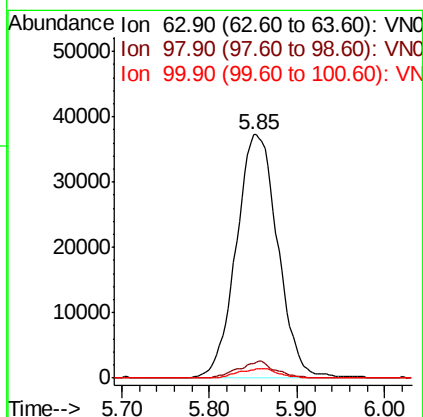
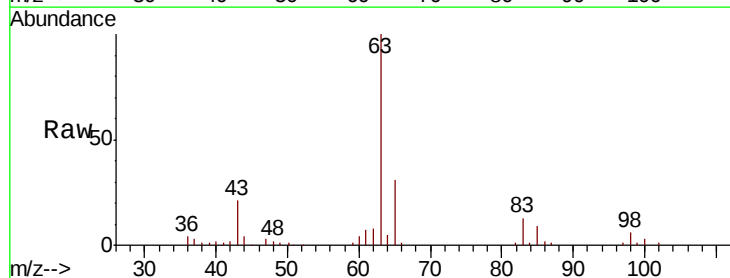
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

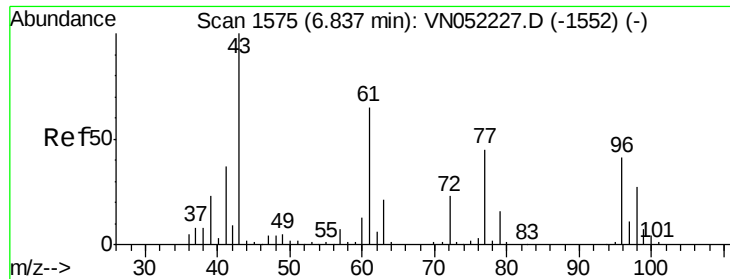
Tot Ion: 43 Resp: 783833
 Ion Ratio Lower Upper
 43 100
 86 8.1 6.7 10.1



#24
 1,1-Dichloroethane
 Concen: 19.248 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion: 63 Resp: 122582
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.6
 100 3.4 2.1 6.2

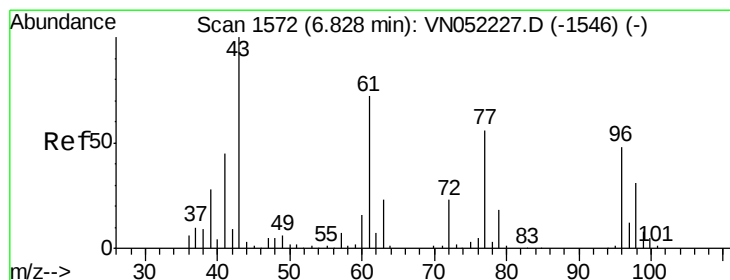
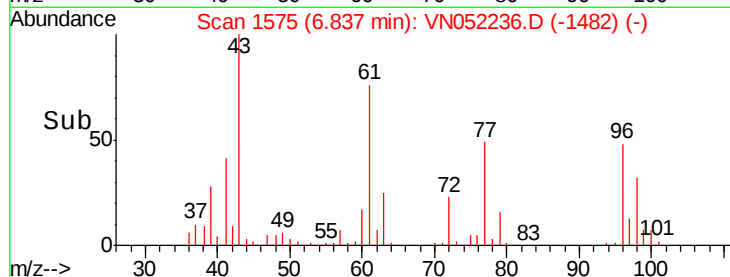
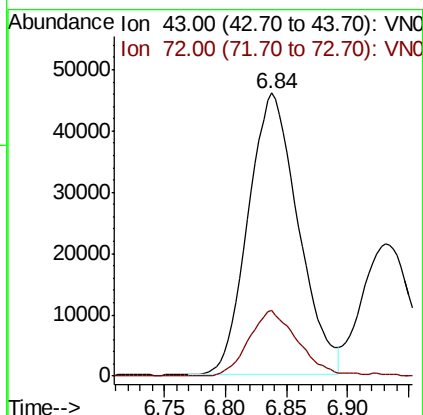
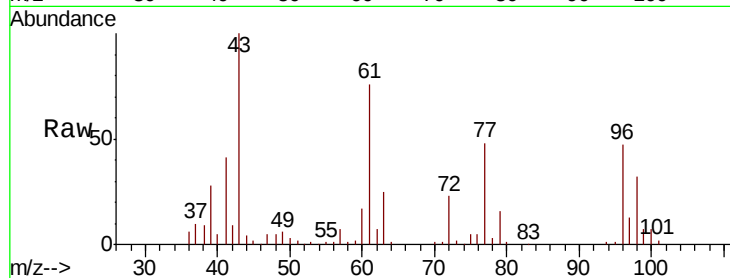




#25
2-Butanone
Concen: 81.786 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

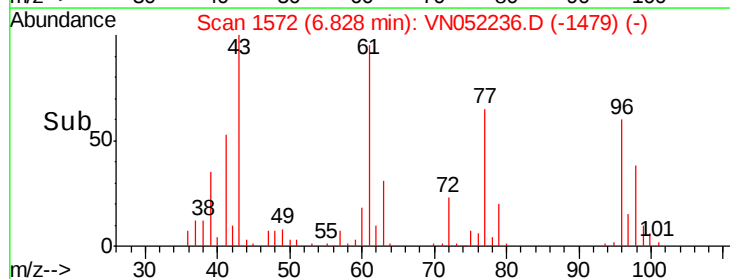
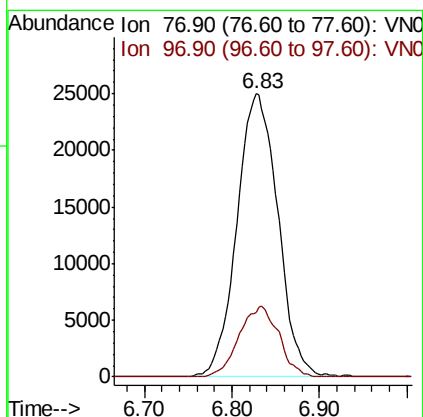
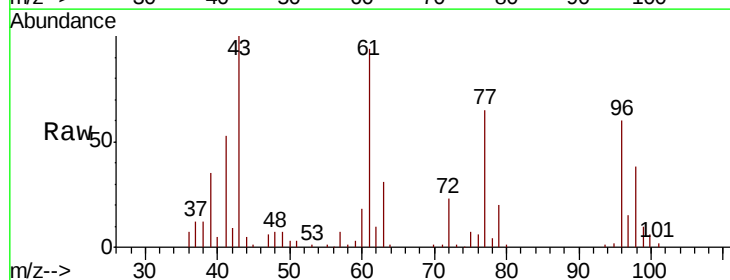
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

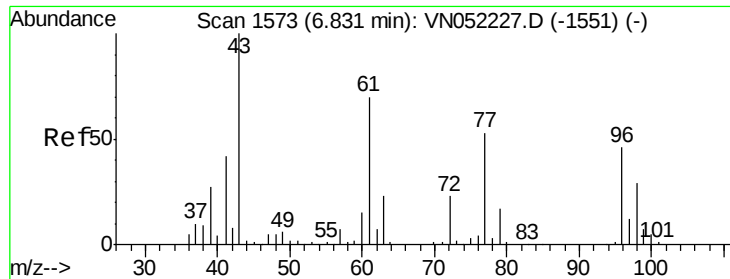
Tot Ion: 43 Resp: 131118
Ion Ratio Lower Upper
43 100
72 23.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 17.450 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 77 Resp: 81170
Ion Ratio Lower Upper
77 100
97 24.3 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.422 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

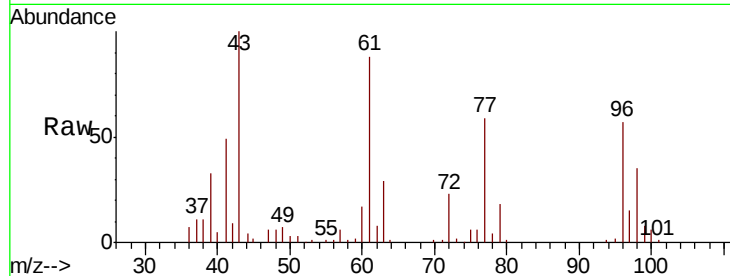
Tot Ion: 96 Resp: 67879

Ion Ratio Lower Upper

96 100

61 157.8 0.0 313.4

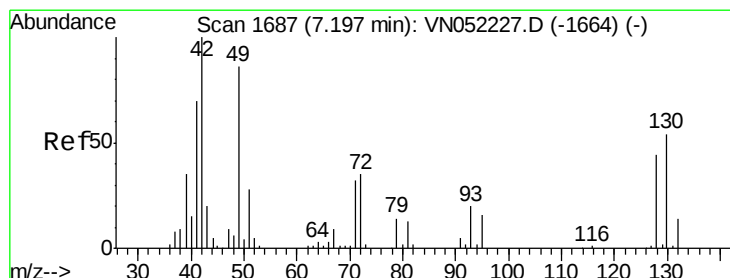
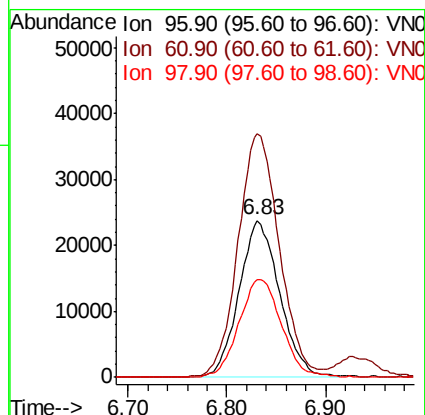
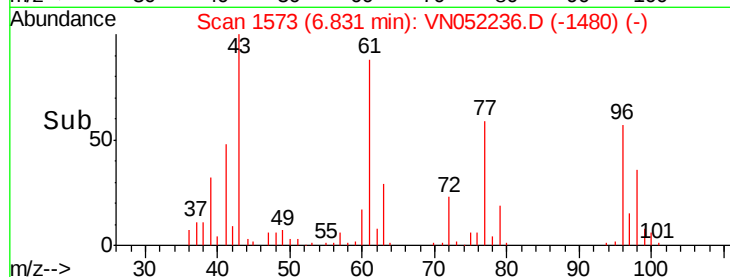
98 65.1 0.0 129.8



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.676 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

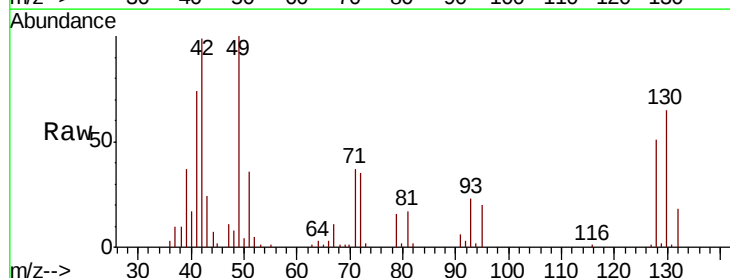
Tgt Ion: 49 Resp: 68210

Ion Ratio Lower Upper

49 100

129 1.1 0.0 3.8

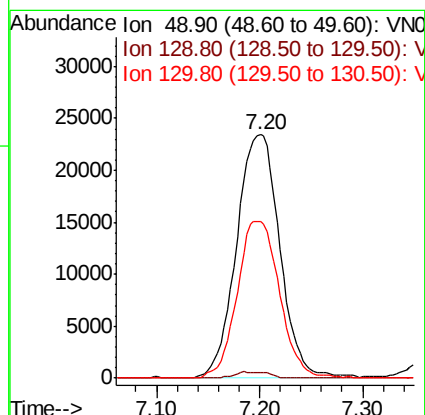
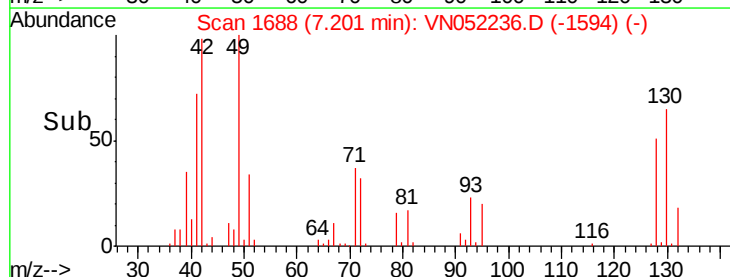
130 63.2 51.4 77.2

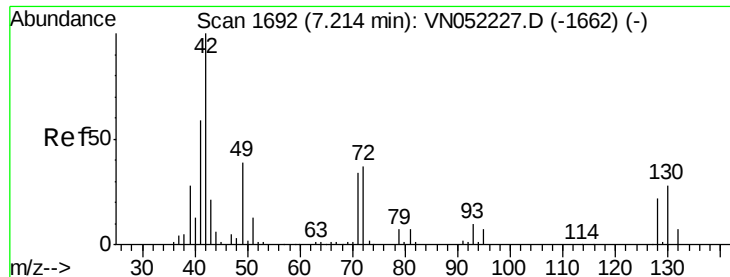


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

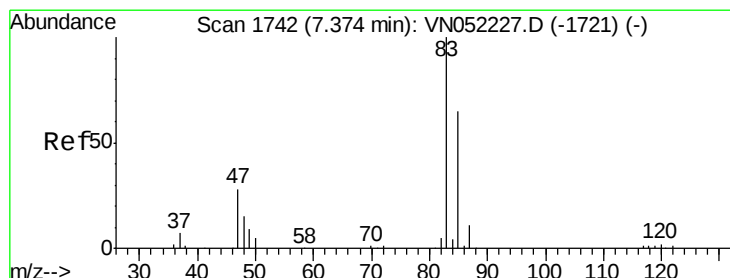
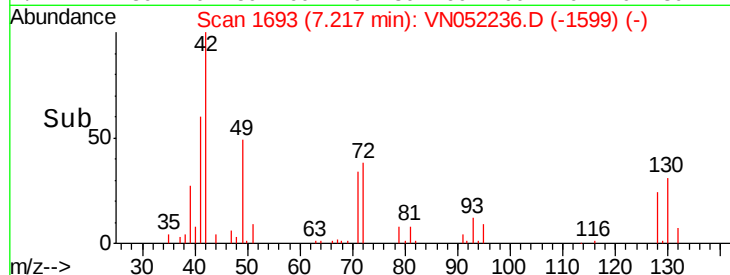
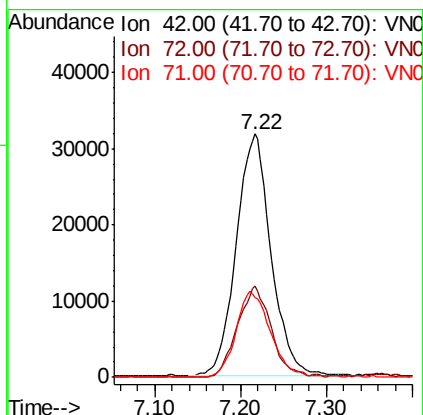
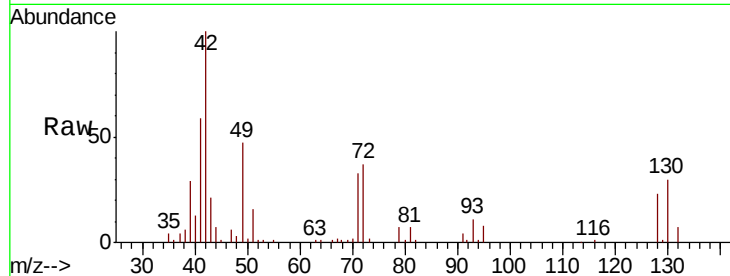




#29
Tetrahydrofuran
Concen: 85.111 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

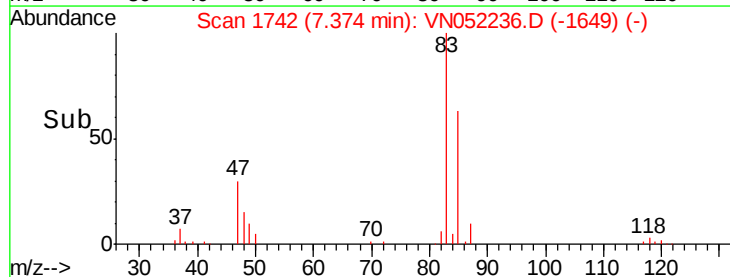
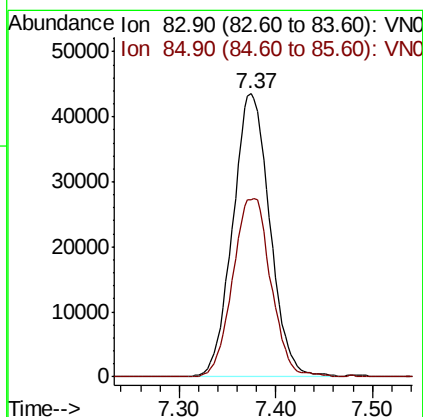
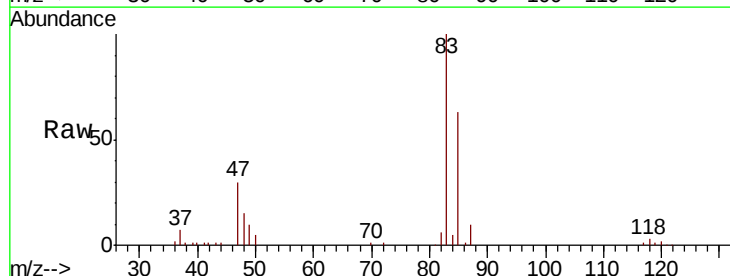
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

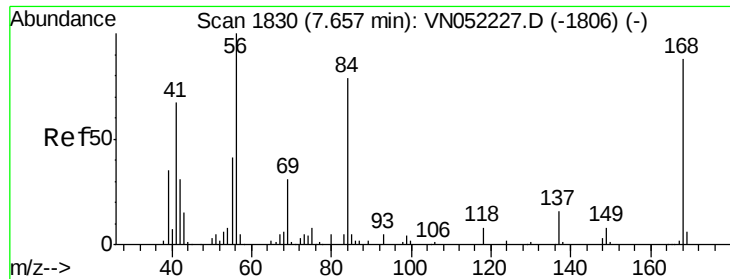
Tot Ion: 42 Resp: 88803
Ion Ratio Lower Upper
42 100
72 36.3 28.6 43.0
71 35.5 27.1 40.7



#30
Chloroform
Concen: 19.237 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 83 Resp: 115946
Ion Ratio Lower Upper
83 100
85 62.8 51.8 77.6

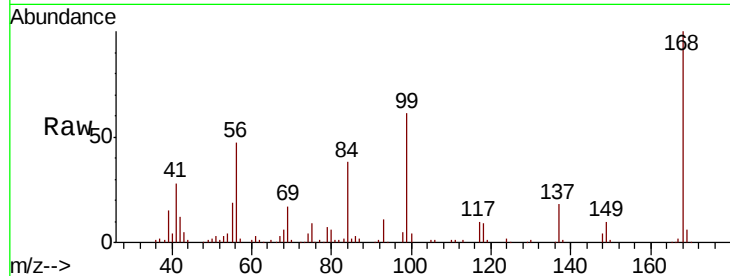




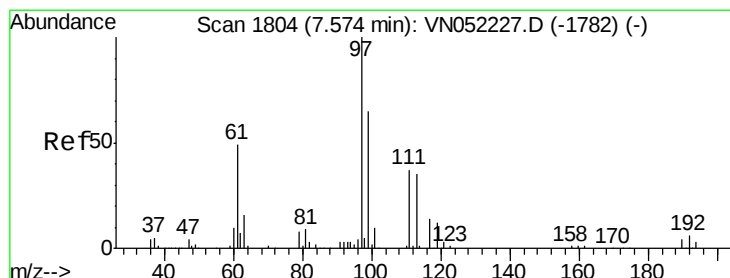
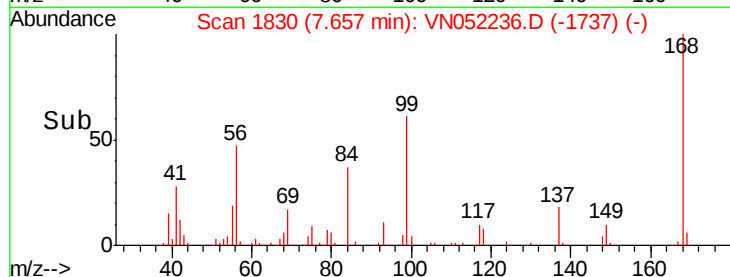
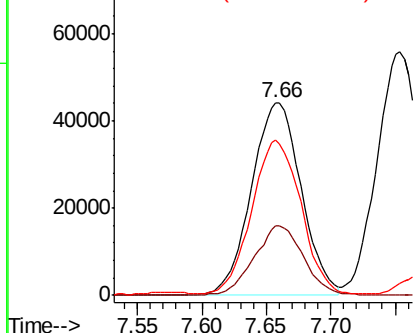
#31
Cyclohexane
Concen: 19.746 ug/l
RT: 7.66 min Scan# 1830
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tot Ion: 56 Resp: 118719
Ion Ratio Lower Upper
56 100
69 36.1 24.8 37.2
84 79.8 63.1 94.7

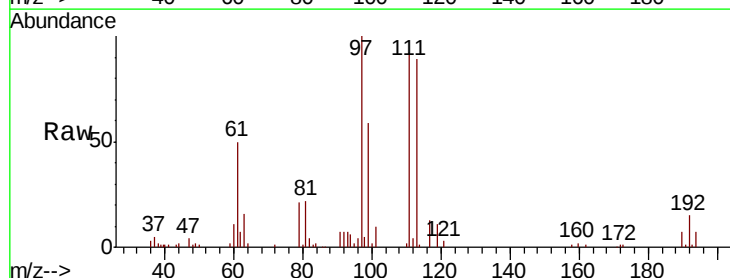


Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC

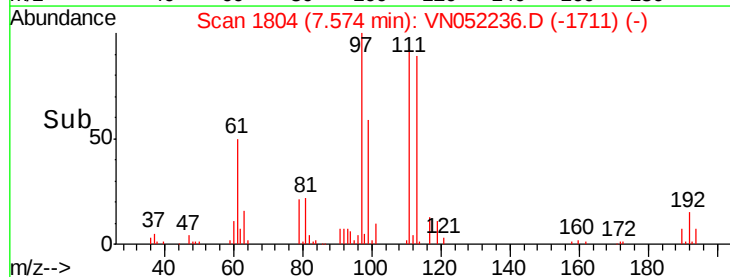
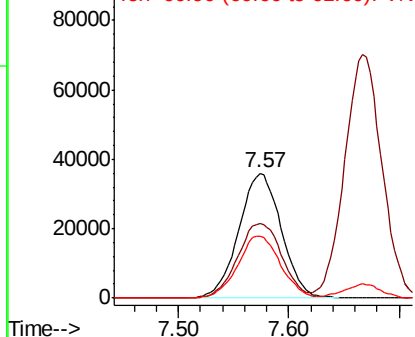


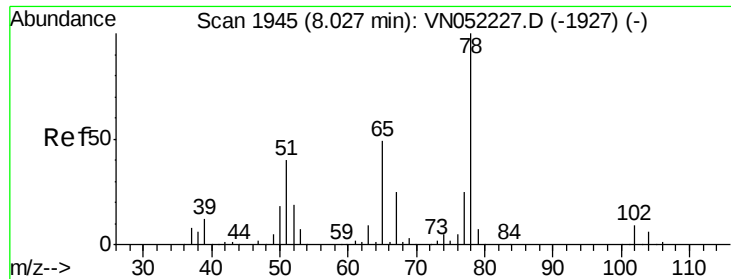
#32
1,1,1-Trichloroethane
Concen: 19.548 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 97 Resp: 96034
Ion Ratio Lower Upper
97 100
99 62.1 51.9 77.9
61 50.2 40.2 60.4



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

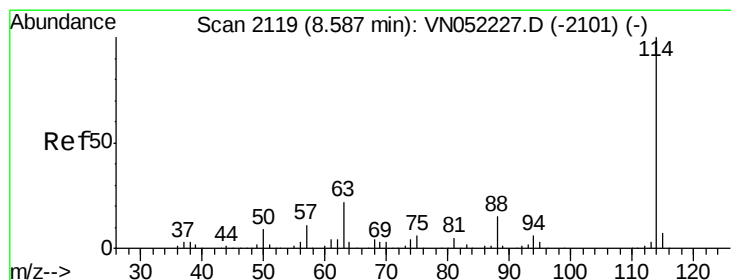
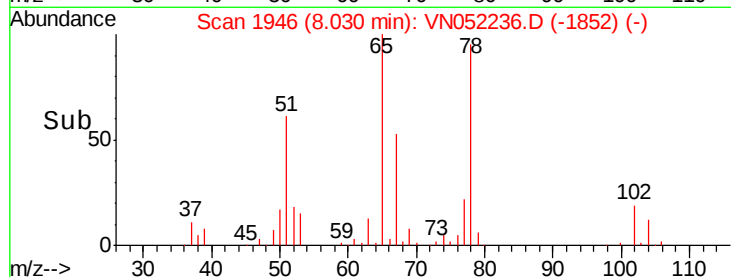
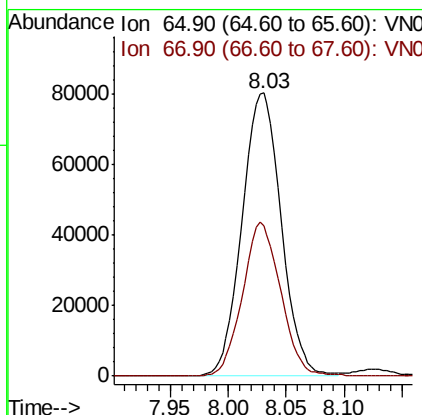
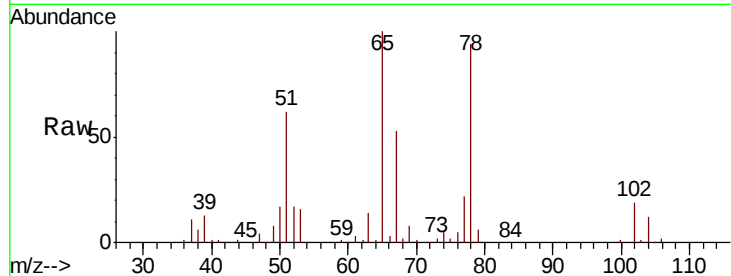




#33
 1,2-Dichloroethane-d4
 Concen: 19.548 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

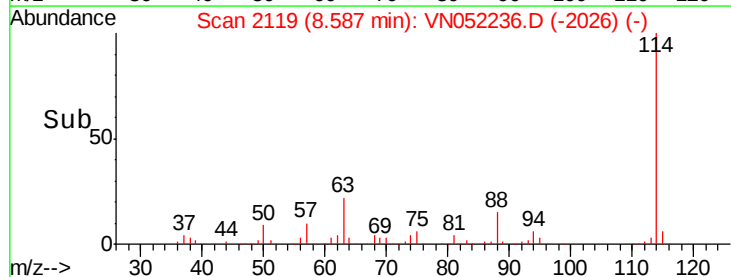
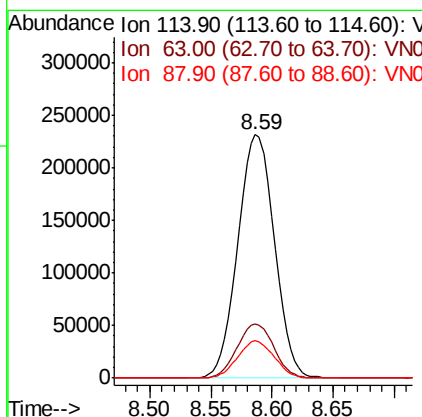
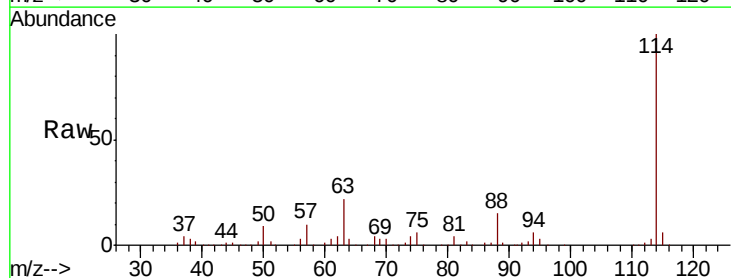
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

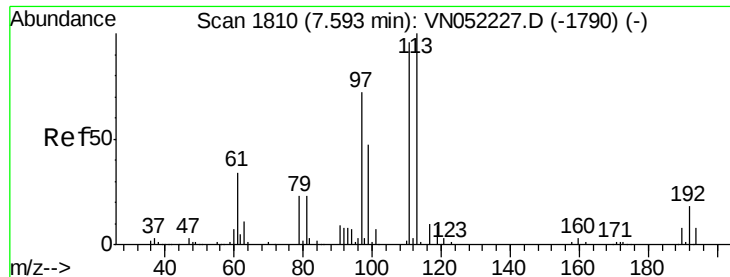
Tot Ion: 65 Resp: 189717
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion: 114 Resp: 480709
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.4
 88 15.3 0.0 30.2

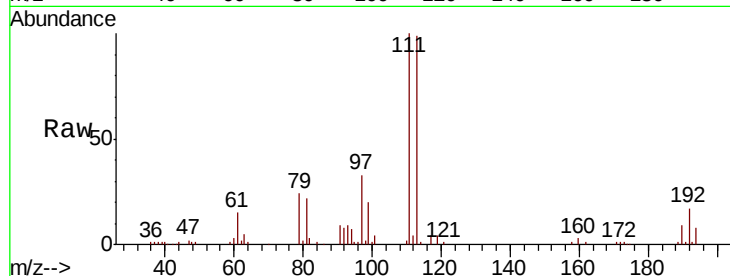




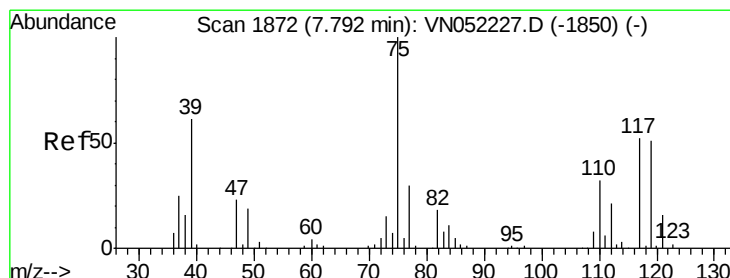
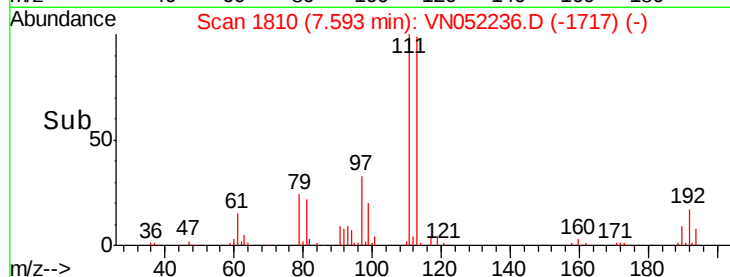
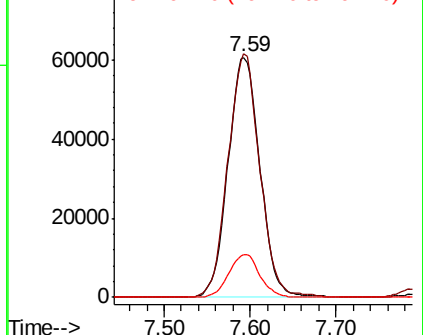
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tot Ion:113 Resp: 156108
Ion Ratio Lower Upper
113 100
111 101.3 80.2 120.4
192 17.3 14.1 21.1

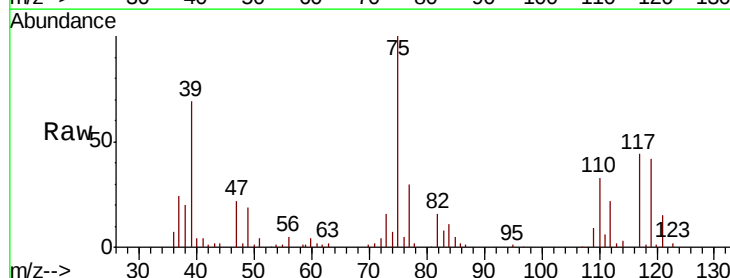


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

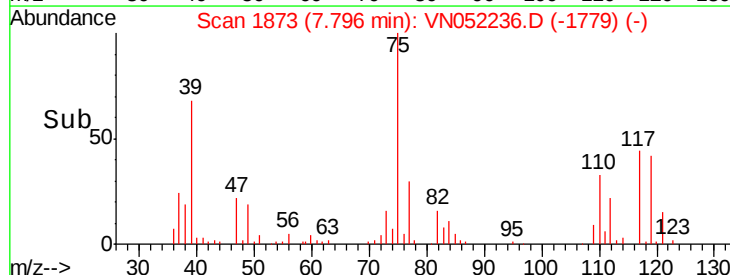
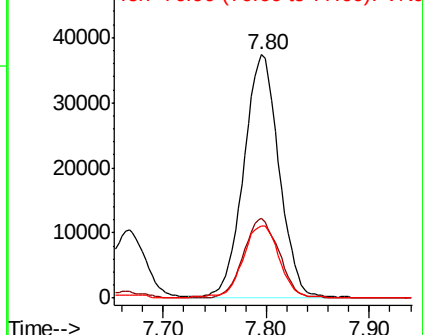


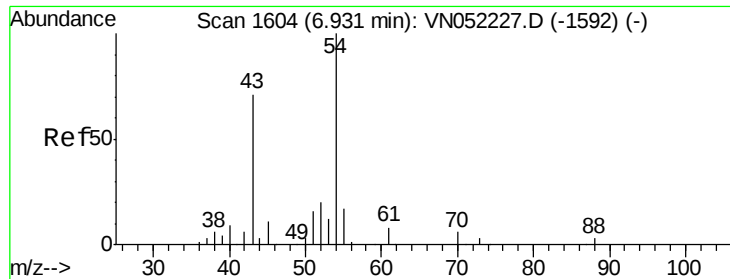
#36
1,1-Dichloropropene
Concen: 18.239 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 75 Resp: 88498
Ion Ratio Lower Upper
75 100
110 33.0 16.4 49.4
77 30.8 23.9 35.9



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

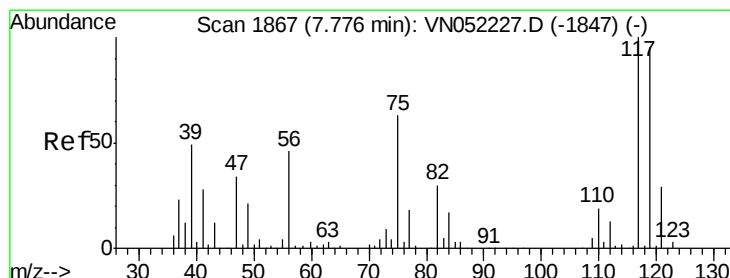
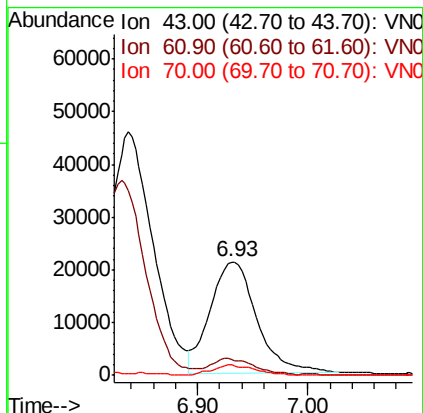
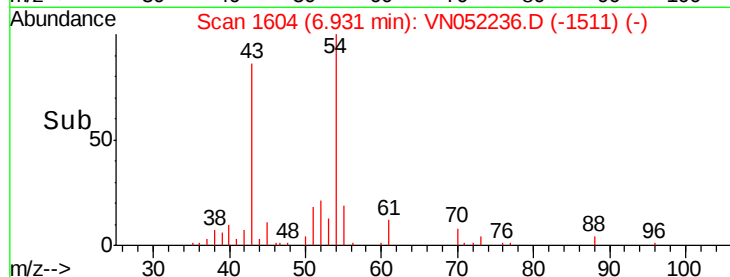
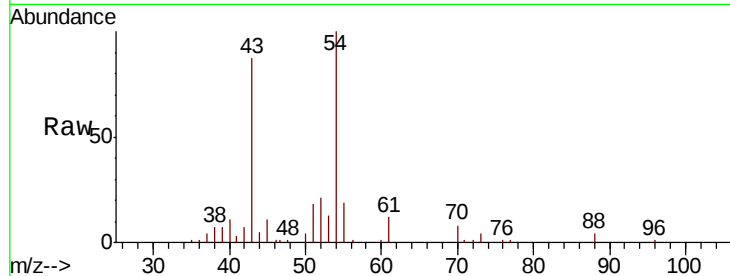




#37
Ethyl Acetate
Concen: 16.939 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

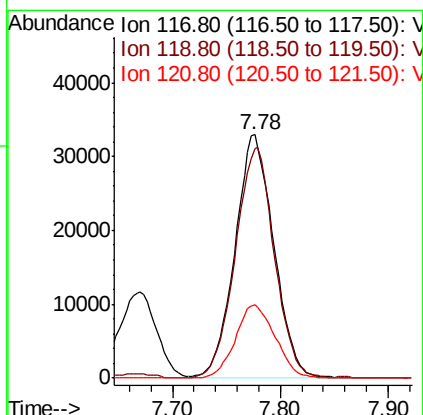
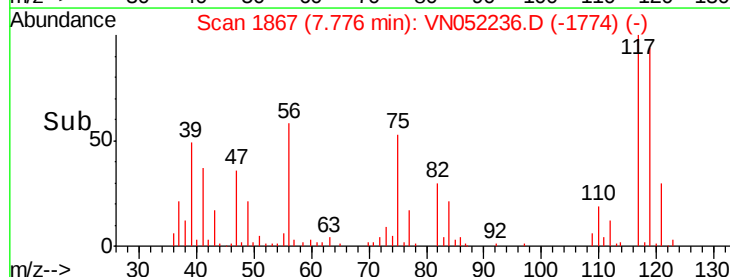
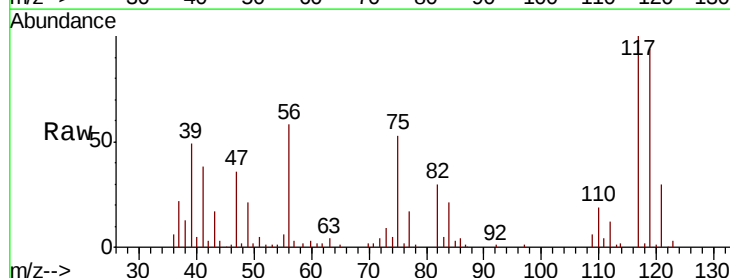
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

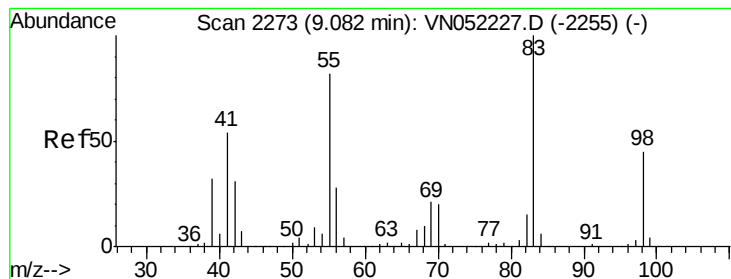
Tot Ion: 43 Resp: 61815
Ion Ratio Lower Upper
43 100
61 13.1 10.0 15.0
70 8.6 6.9 10.3



#38
Carbon Tetrachloride
Concen: 18.782 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 117 Resp: 82586
Ion Ratio Lower Upper
117 100
119 94.3 75.8 113.8
121 30.0 23.4 35.2

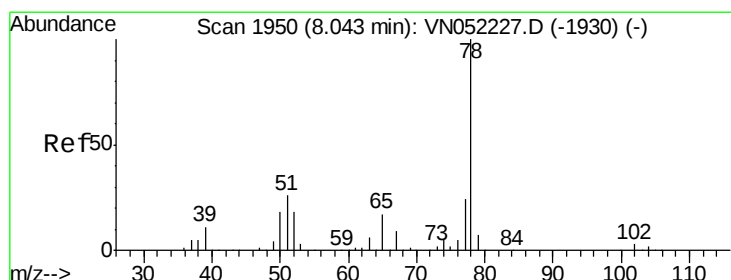
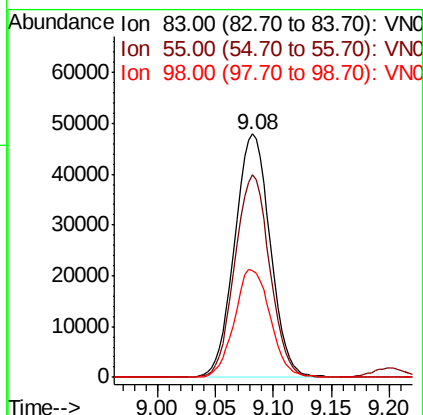
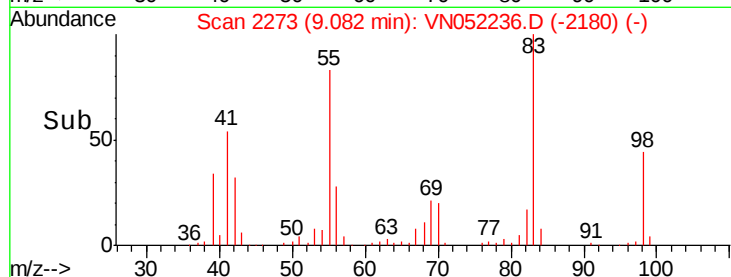
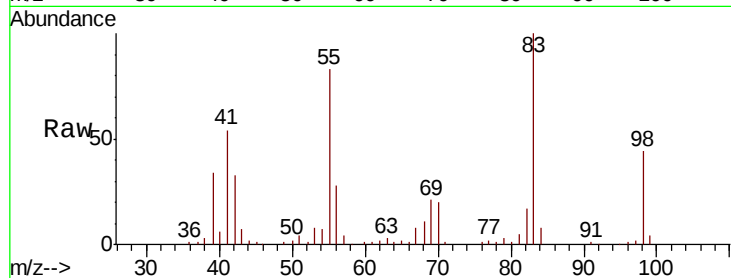




#39
Methvlcvclohexane
Concen: 18.528 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

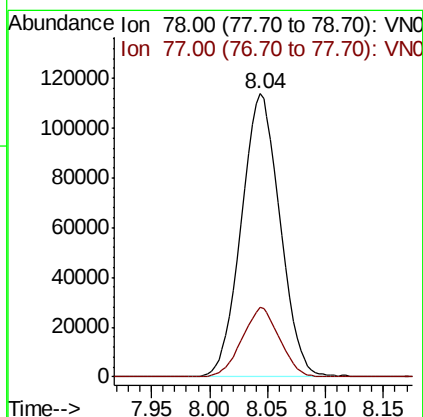
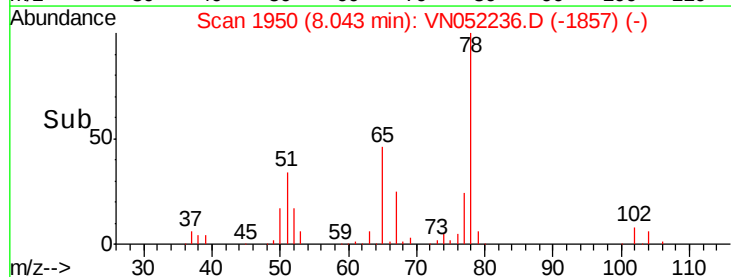
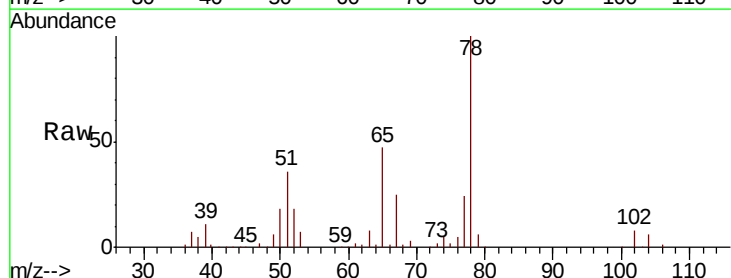
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

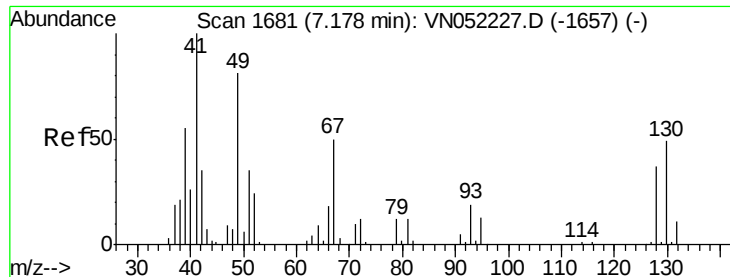
Tot Ion: 83 Resp: 102541
Ion Ratio Lower Upper
83 100
55 83.0 65.2 97.8
98 43.9 36.3 54.5



#40
Benzene
Concen: 19.019 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 78 Resp: 264211
Ion Ratio Lower Upper
78 100
77 24.5 19.2 28.8

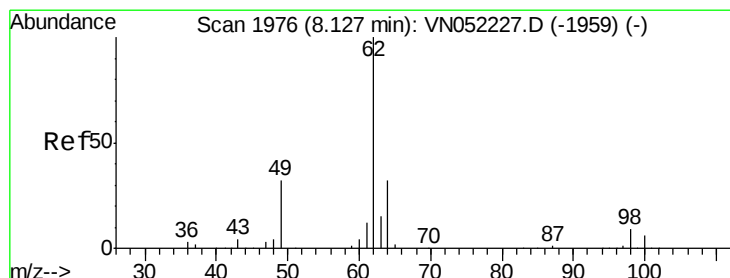
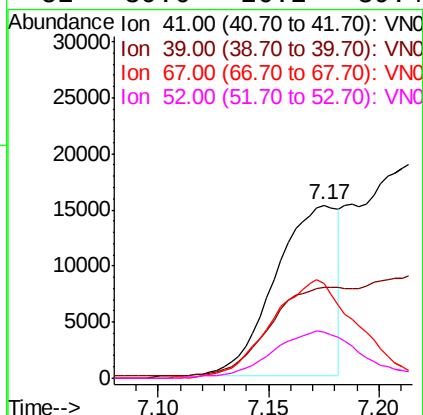
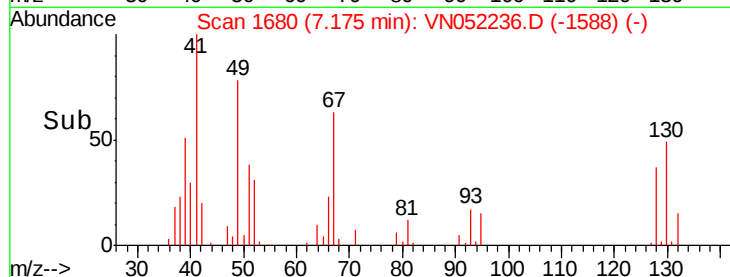
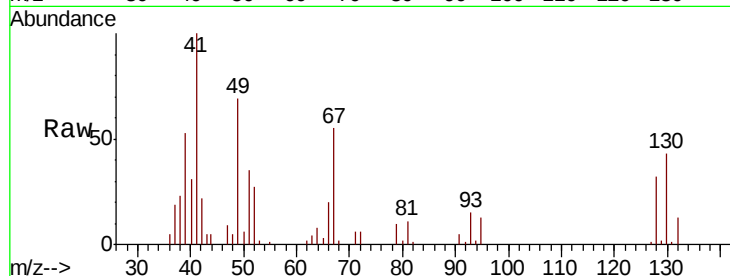




#41
Methacrylonitrile
Concen: 14.126 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

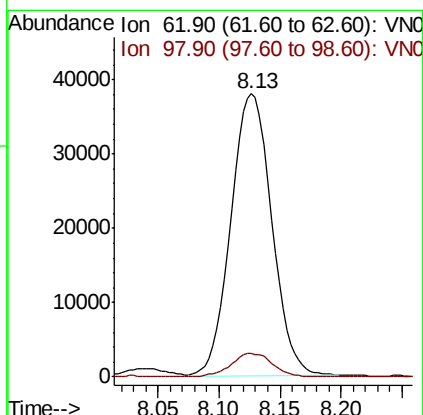
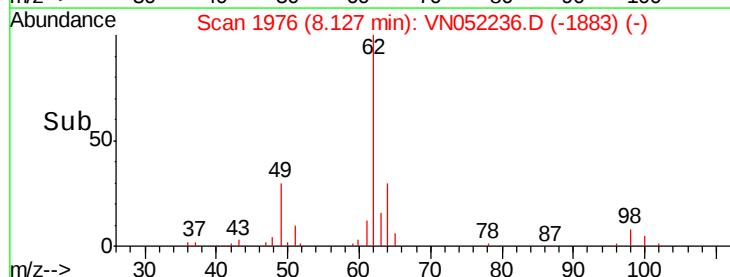
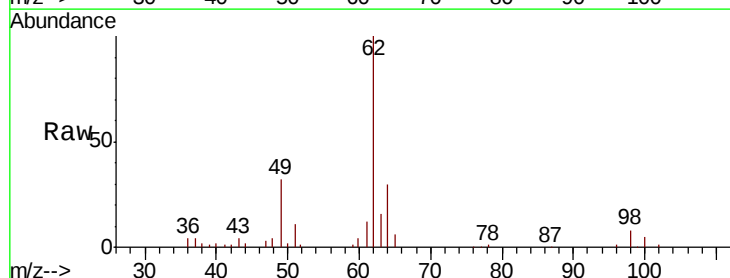
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

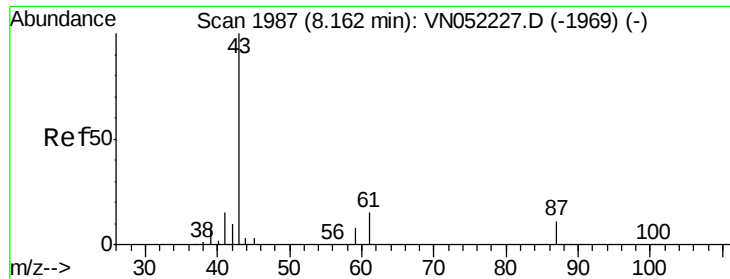
Tot Ion: 41 Resp: 29954
Ion Ratio Lower Upper
41 100
39 66.1 47.8 71.6
67 80.6 54.3 81.5
52 39.6 26.2 39.4#



#42
1,2-Dichloroethane
Concen: 18.111 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 62 Resp: 88276
Ion Ratio Lower Upper
62 100
98 8.4 0.0 16.4





#43

Isopropyl Acetate

Concen: 17.669 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

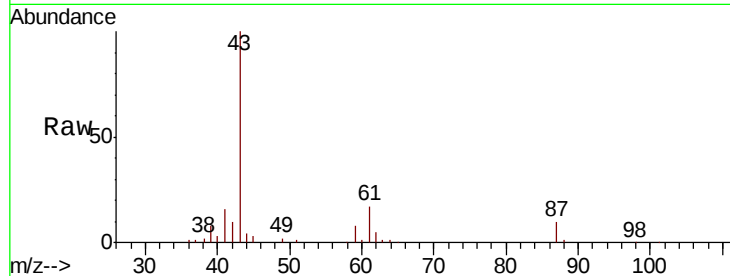
Tot Ion: 43 Resp: 112393

Ion Ratio Lower Upper

43 100

61 26.5 14.2 21.4#

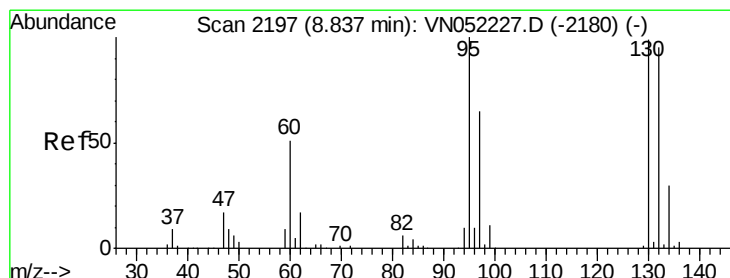
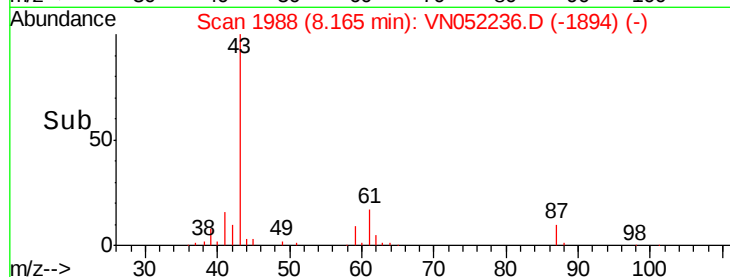
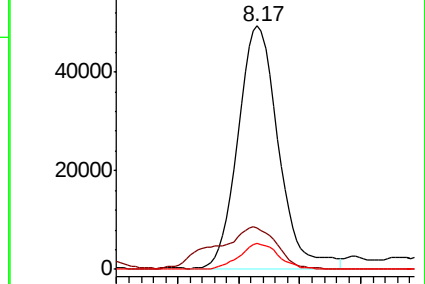
87 10.4 8.4 12.6



Abundance Ion 43.00 (42.70 to 43.70): VN052227.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN052227.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN052227.D (-1969) (-)



#44

Trichloroethene

Concen: 18.379 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN052236.D

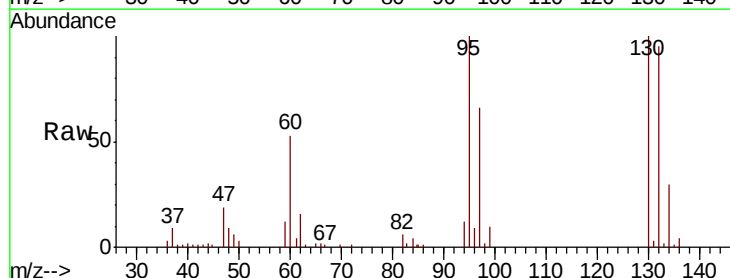
Acq: 9 Nov 2018 19:22

Tgt Ion: 130 Resp: 63981

Ion Ratio Lower Upper

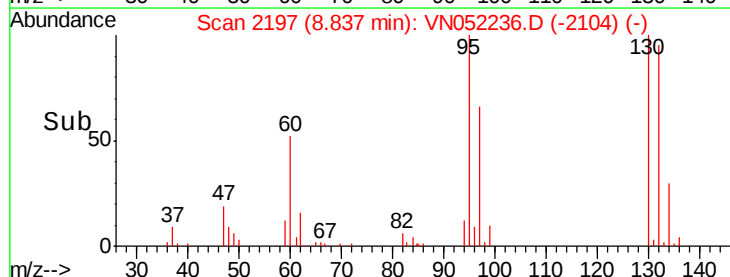
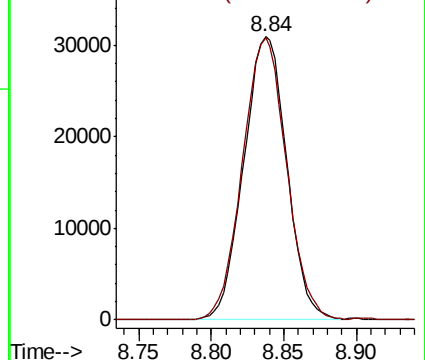
130 100

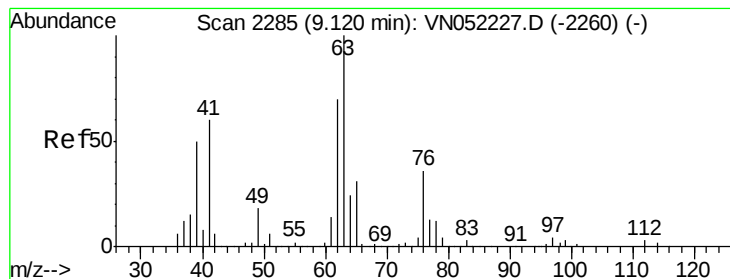
95 99.6 0.0 201.6



Abundance Ion 129.80 (129.50 to 130.50): VN052227.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN052227.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 18.864 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

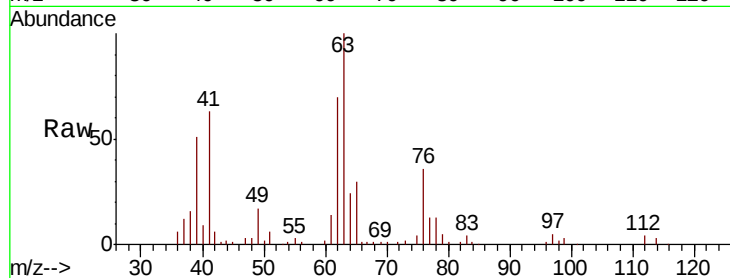
VN1109WBS01

Tot Ion: 63 Resp: 73209

Ion Ratio Lower Upper

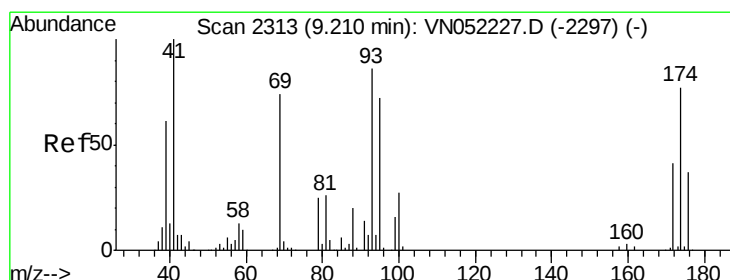
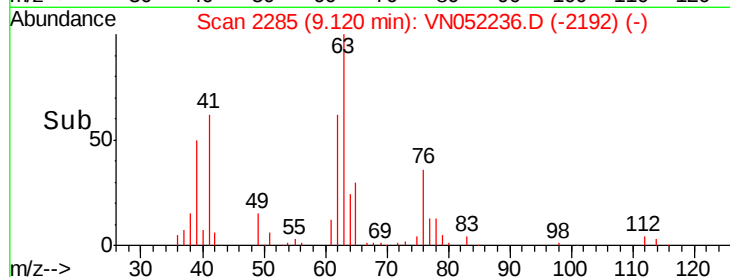
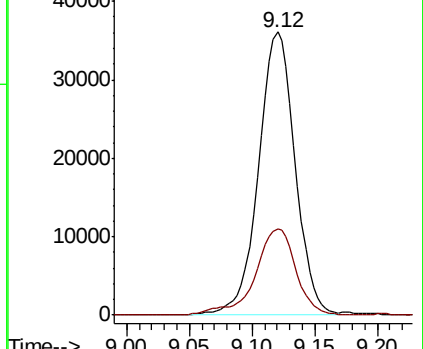
63 100

65 30.4 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.447 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

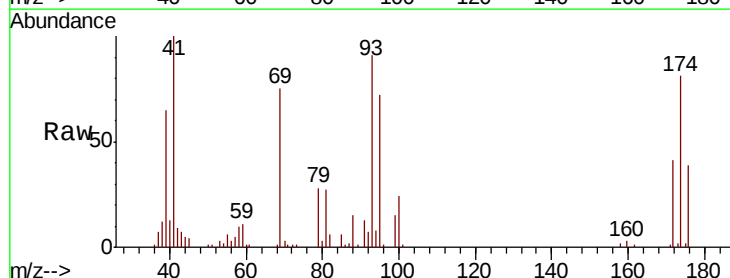
Tgt Ion: 93 Resp: 41123

Ion Ratio Lower Upper

93 100

95 83.4 67.0 100.4

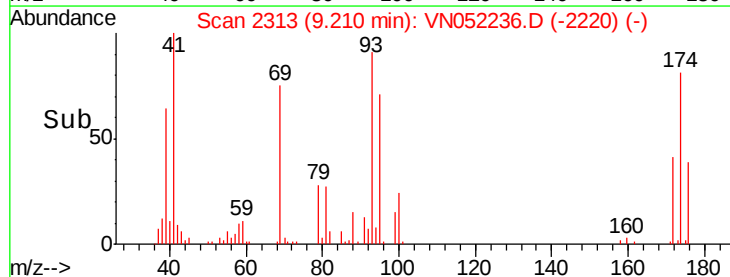
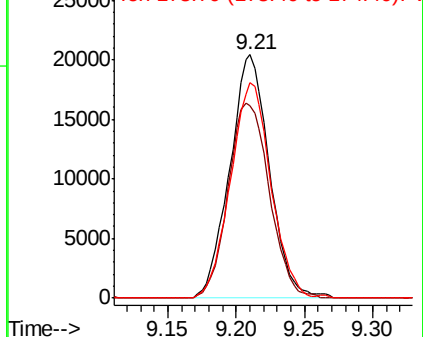
174 90.0 72.1 108.1

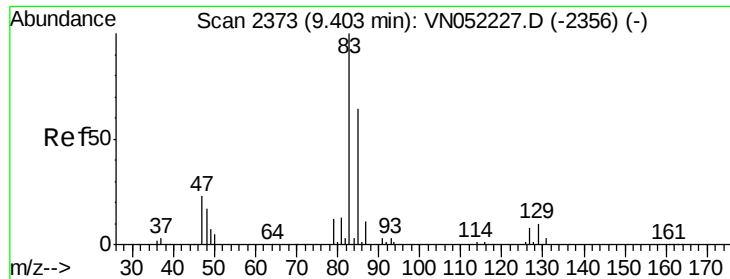


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.596 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

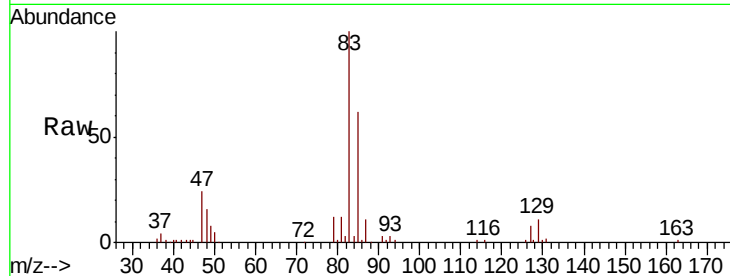
Tot Ion: 83 Resp: 85890

Ion Ratio Lower Upper

83 100

85 62.1 51.2 76.8

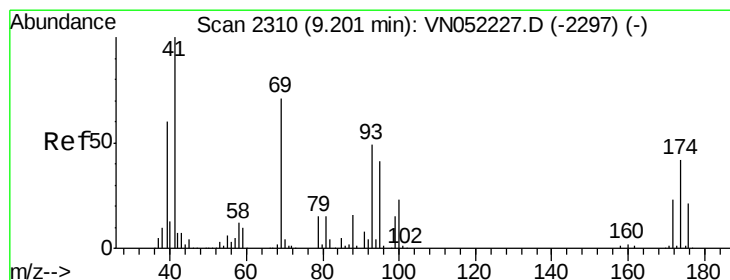
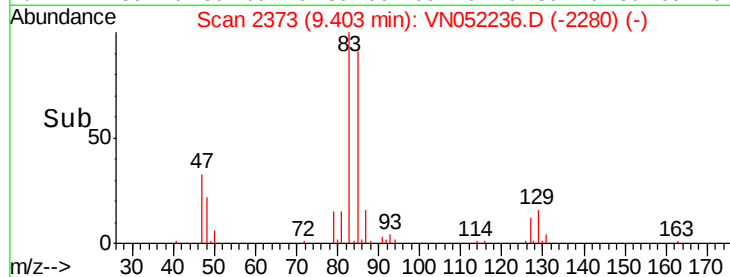
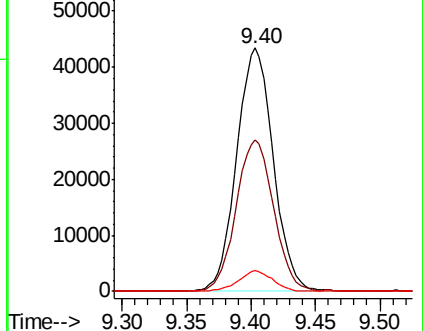
127 8.3 6.2 9.4



Abundance Ion 82.90 (82.60 to 83.60): VN052227.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN052227.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN052227.D (-2356) (-)



#48

Methyl methacrylate

Concen: 17.048 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

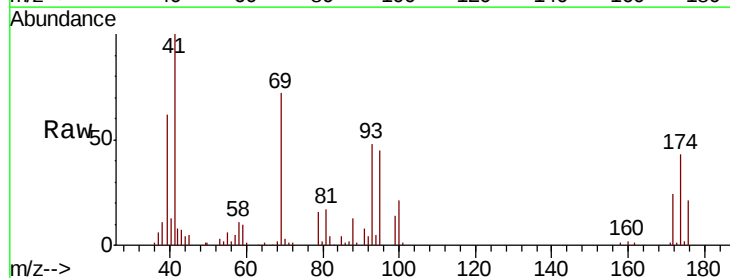
Tgt Ion: 41 Resp: 57137

Ion Ratio Lower Upper

41 100

69 75.9 58.8 88.2

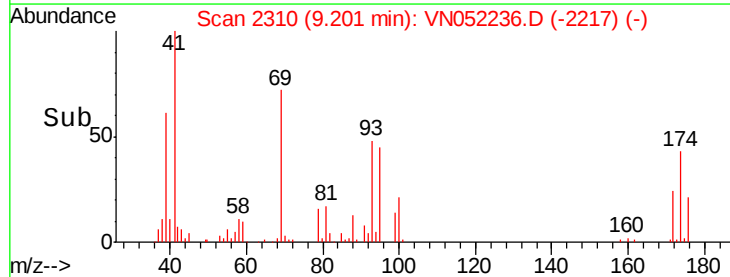
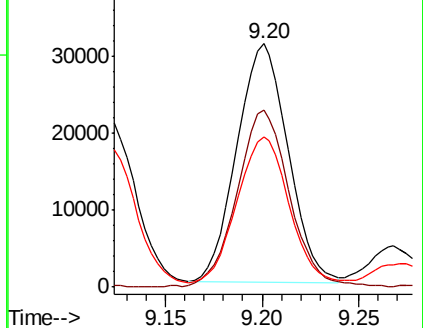
39 63.8 50.7 76.1

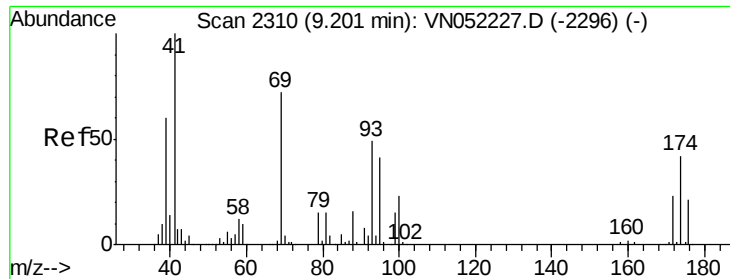


Abundance Ion 41.00 (40.70 to 41.70): VN052227.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN052227.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN052227.D (-2297) (-)

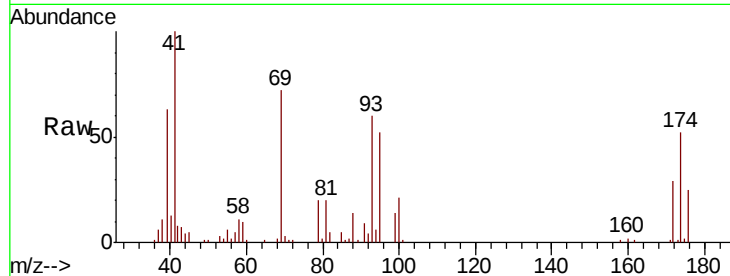




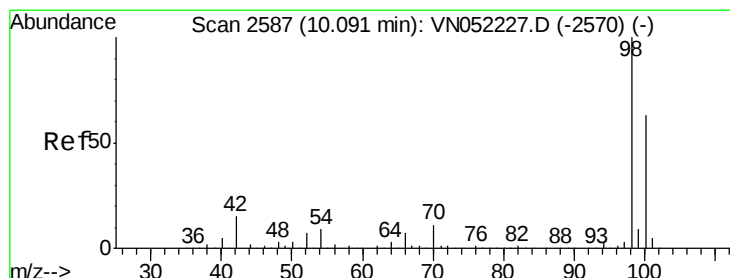
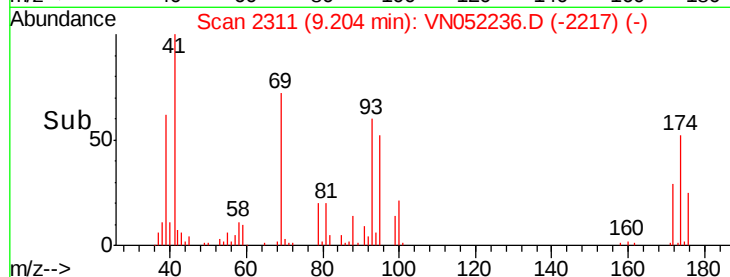
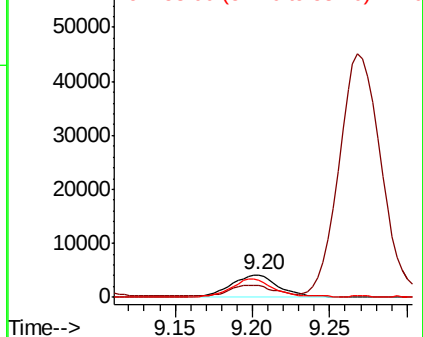
#49
1,4-Dioxane
Concen: 328.658 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

Tot Ion: 88 Resp: 8855
Ion Ratio Lower Upper
88 100
43 42.2 32.5 48.7
58 74.6 58.2 87.4

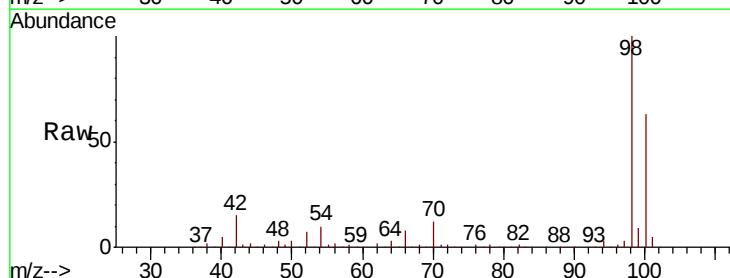


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

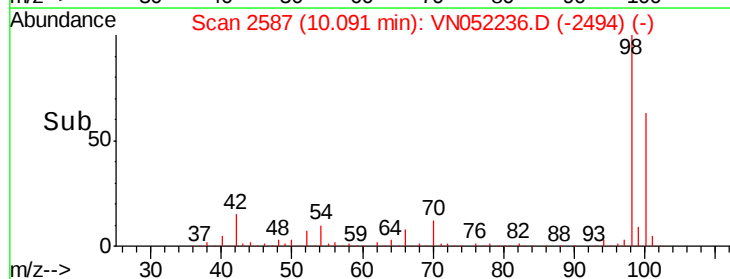
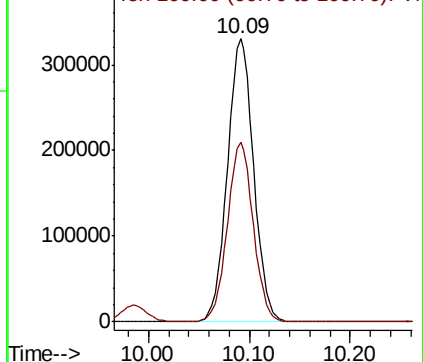


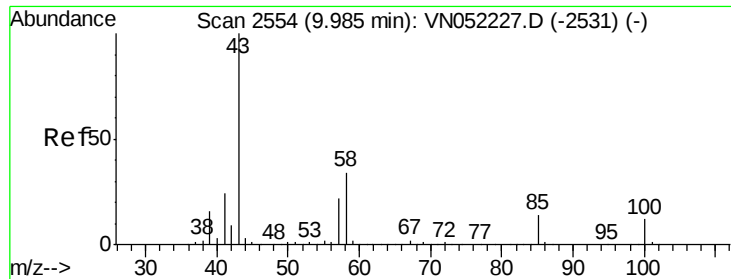
#50
Toluene-d8
Concen: 328.658 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 98 Resp: 597750
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 86.911 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

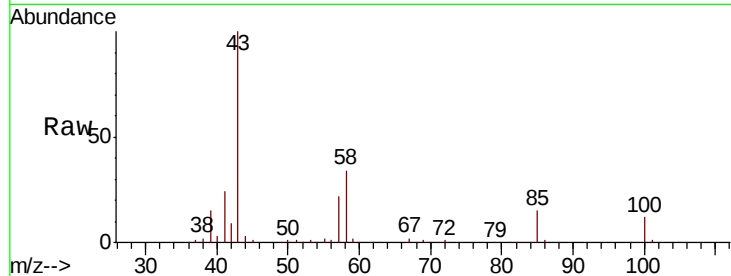
VN1109WBS01

Tot Ion: 43 Resp: 305308

Ion Ratio Lower Upper

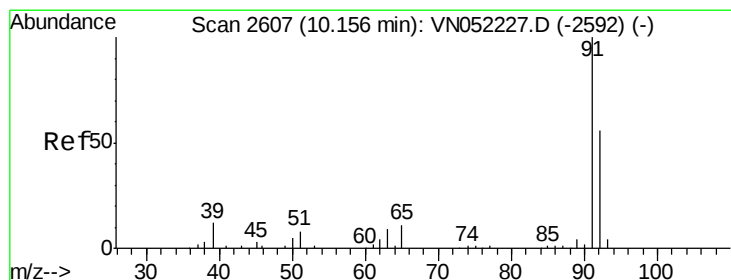
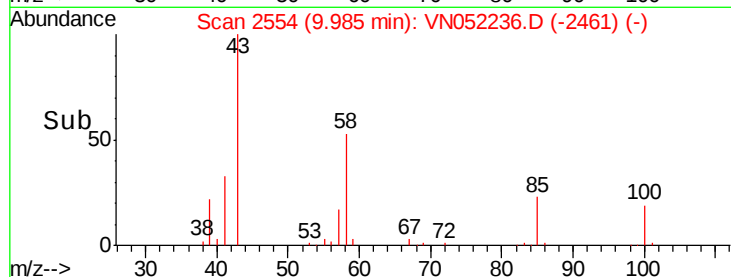
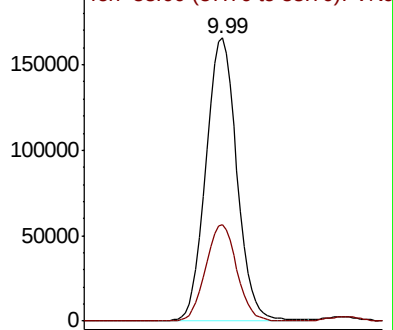
43 100

58 34.2 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.919 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN052236.D

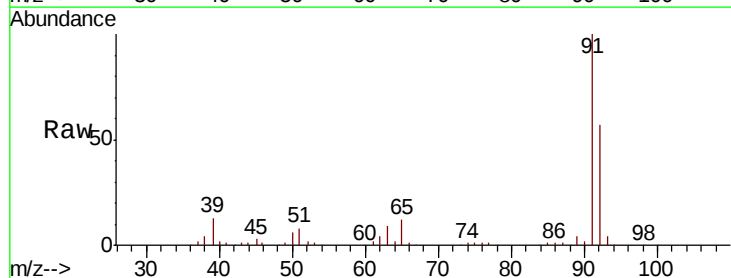
Acq: 9 Nov 2018 19:22

Tgt Ion: 92 Resp: 158538

Ion Ratio Lower Upper

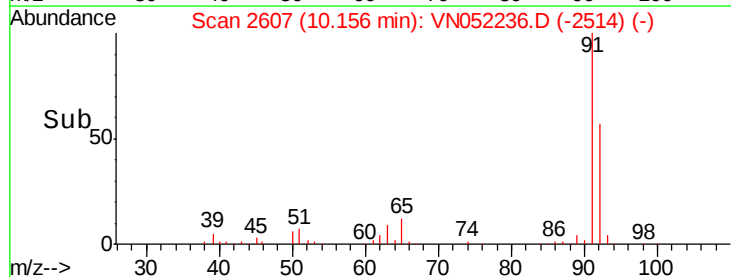
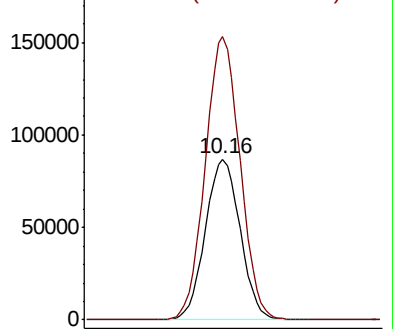
92 100

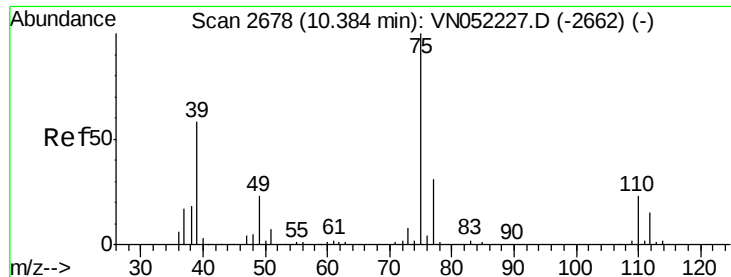
91 176.2 142.5 213.7



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: 17.956 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

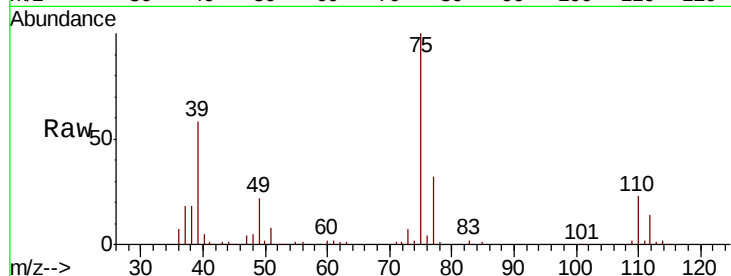
VN1109WBS01

Tot Ion: 75 Resp: 81842

Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 76.90 (76.60 to 77.60): VNC

10.38

50000

40000

30000

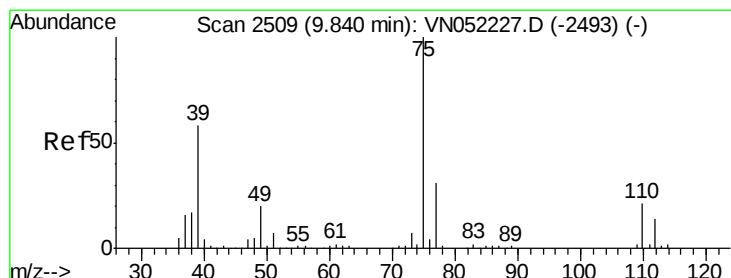
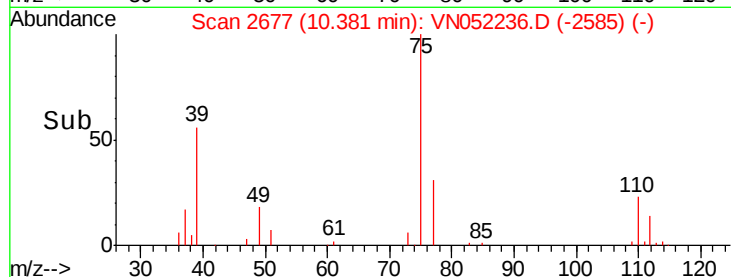
20000

10000

0

Time-->

10.30 10.35 10.40 10.45



#54

cis-1,3-Dichloropropene

Concen: 18.054 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

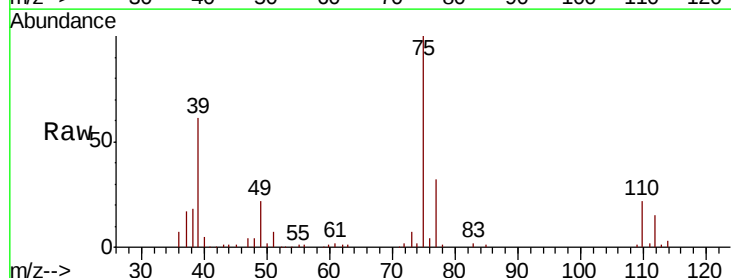
Tgt Ion: 75 Resp: 97135

Ion Ratio Lower Upper

75 100

77 32.3 25.2 37.8

39 61.0 46.6 70.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 76.90 (76.60 to 77.60): VNC

Ion 39.00 (38.70 to 39.70): VNC

9.84

60000

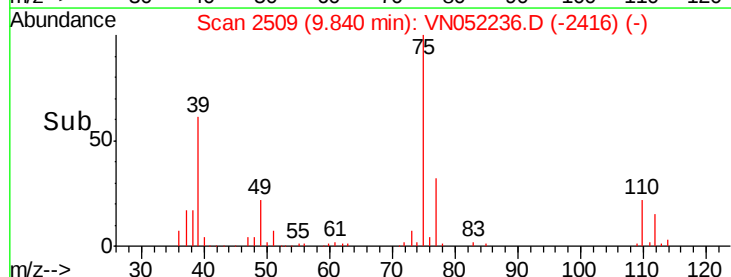
40000

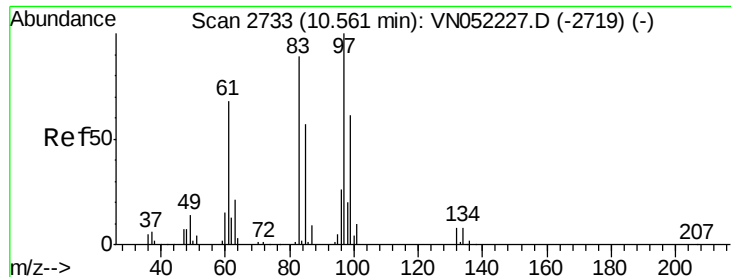
20000

0

Time-->

9.75 9.80 9.85 9.90

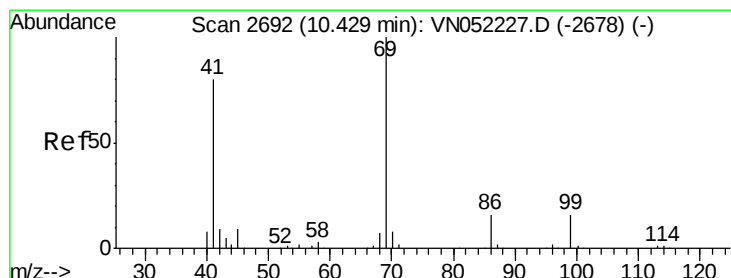
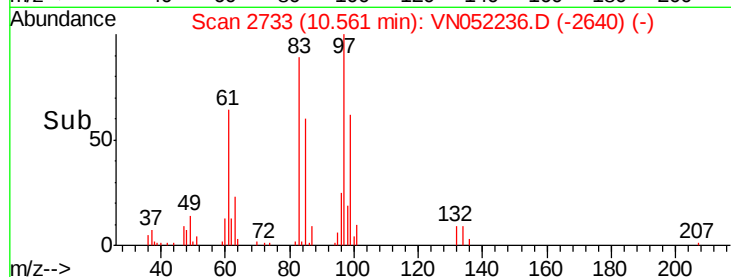
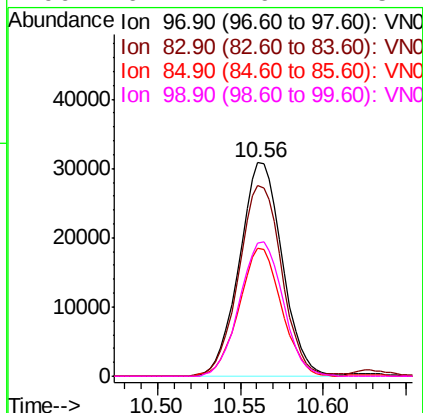
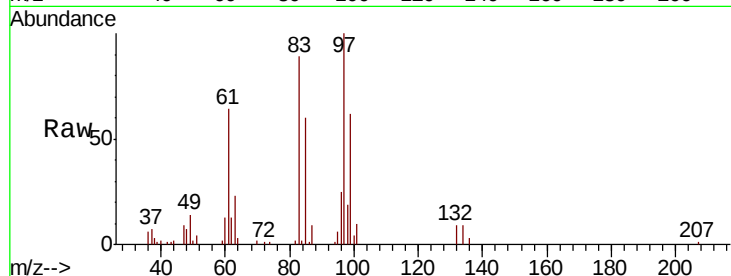




#55
 1,1,2-Trichloroethane
 Concen: 18.314 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

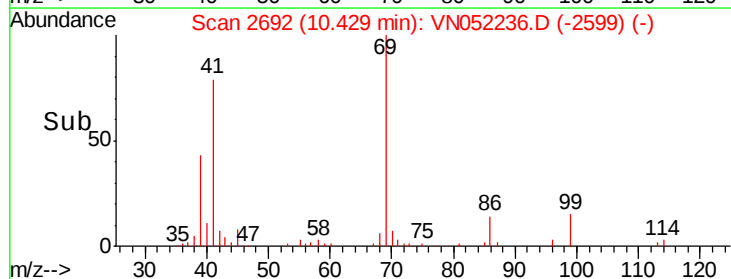
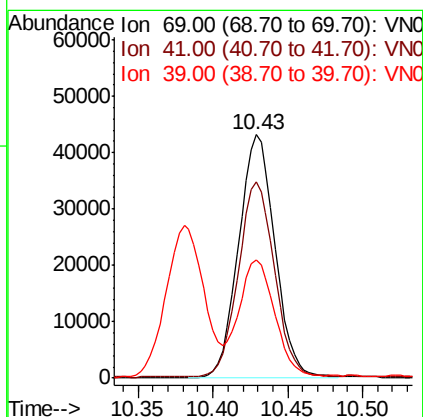
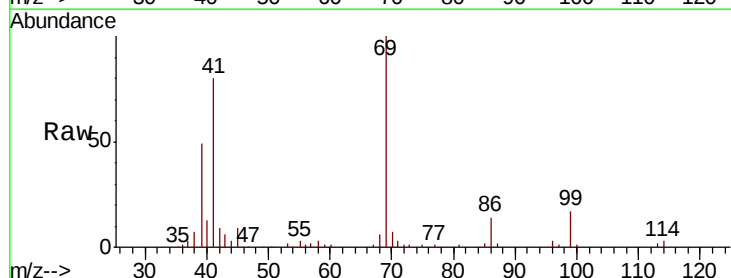
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

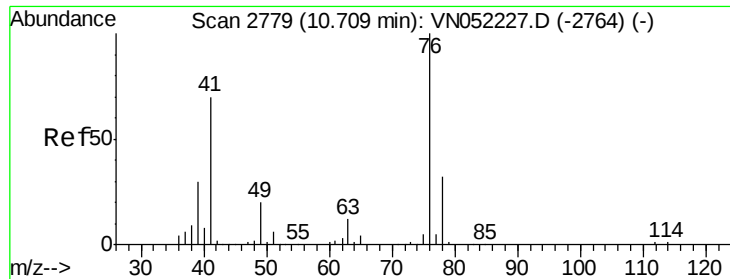
Tot Ion: 97 Resp: 55472
 Ion Ratio Lower Upper
 97 100
 83 89.4 71.2 106.8
 85 60.2 45.6 68.4
 99 62.1 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 17.885 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion: 69 Resp: 73216
 Ion Ratio Lower Upper
 69 100
 41 79.2 64.0 96.0
 39 47.1 37.8 56.8

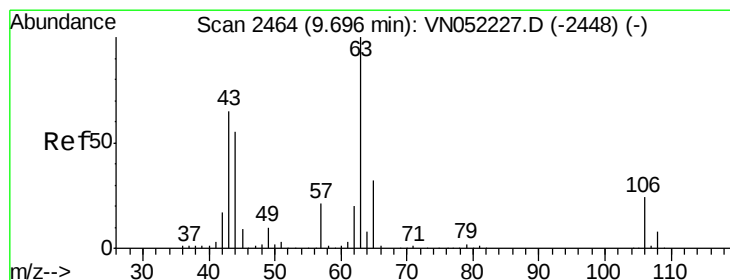
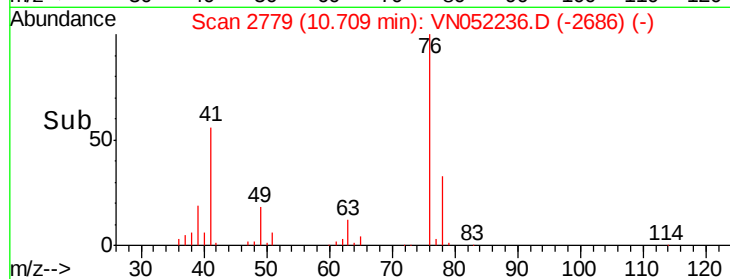
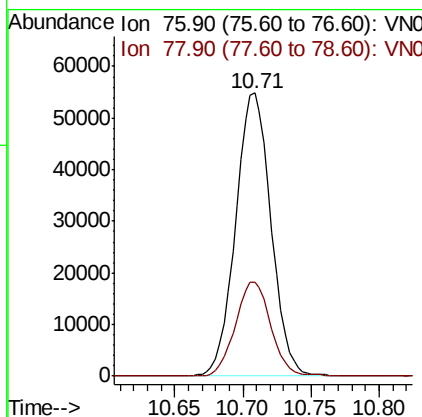
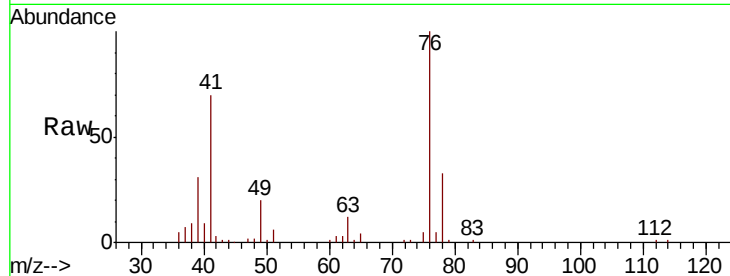




#57
 1,3-Dichloropropane
 Concen: 18.183 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

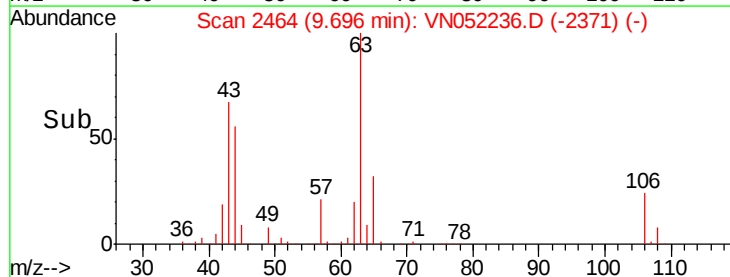
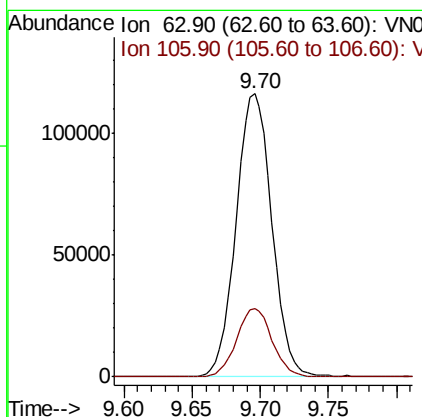
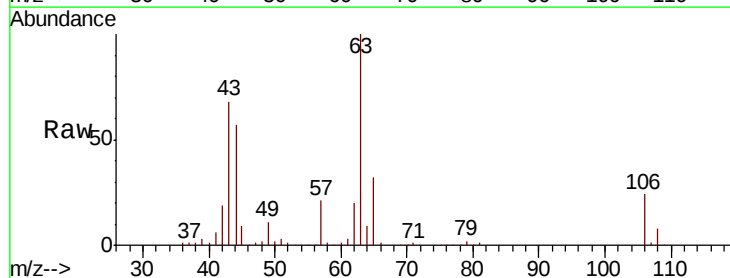
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

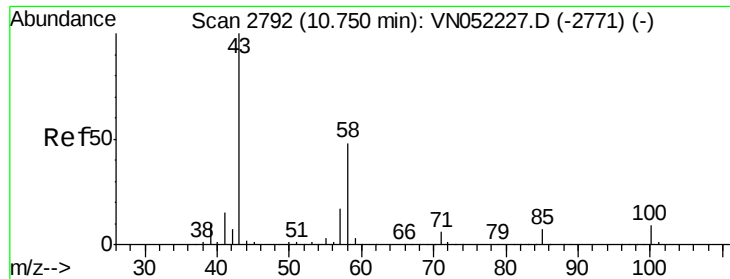
Tot Ion: 76 Resp: 98588
 Ion Ratio Lower Upper
 76 100
 78 33.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.091 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion: 63 Resp: 211008
 Ion Ratio Lower Upper
 63 100
 106 24.0 19.5 29.3

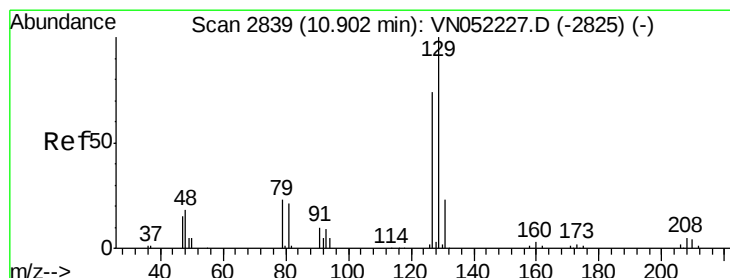
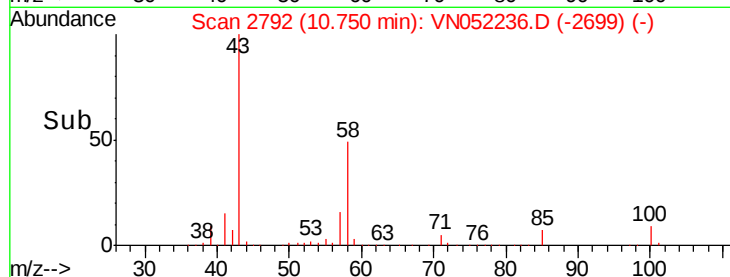
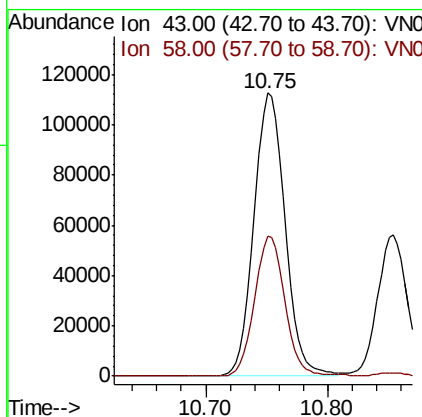
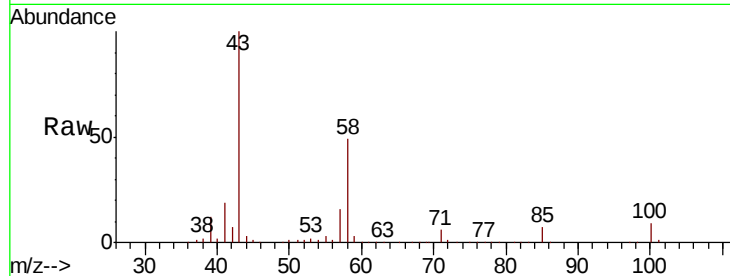




#59
2-Hexanone
Concen: 80.091 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

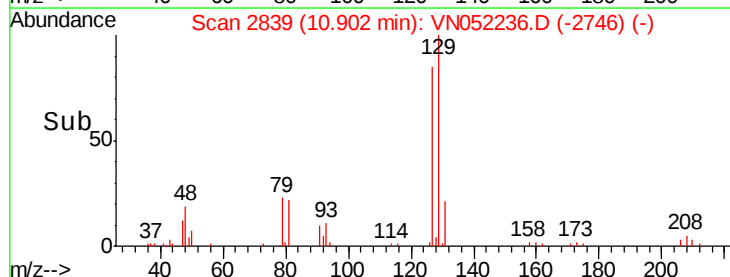
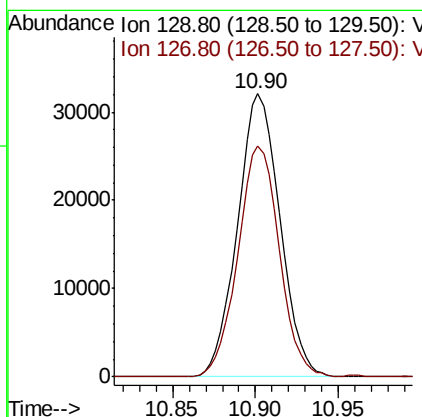
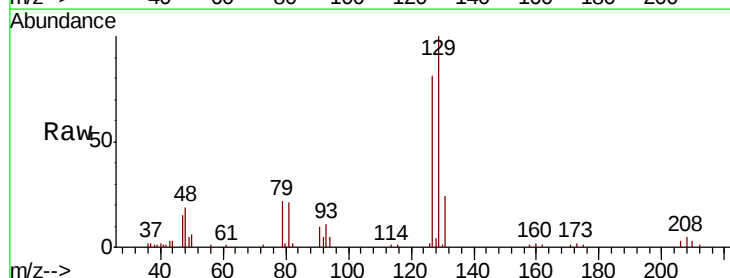
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

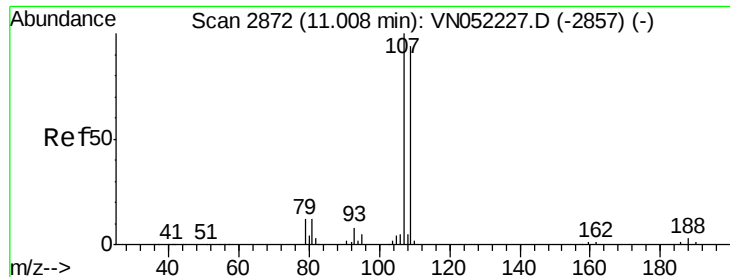
Tot Ion: 43 Resp: 197509
Ion Ratio Lower Upper
43 100
58 48.4 24.1 72.3



#60
Dibromochloromethane
Concen: 18.639 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 129 Resp: 57264
Ion Ratio Lower Upper
129 100
127 79.8 38.0 114.1

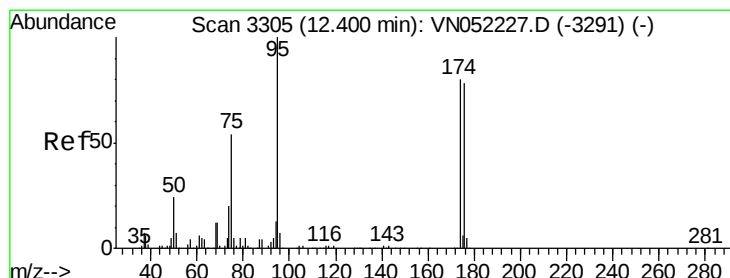
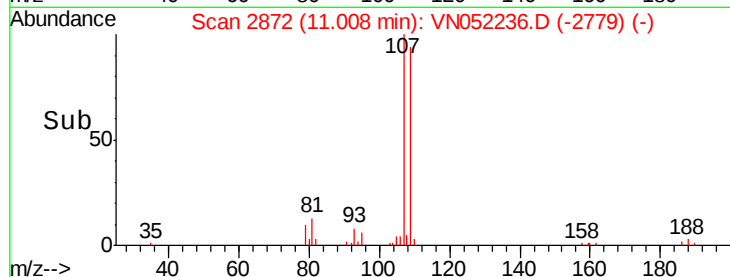
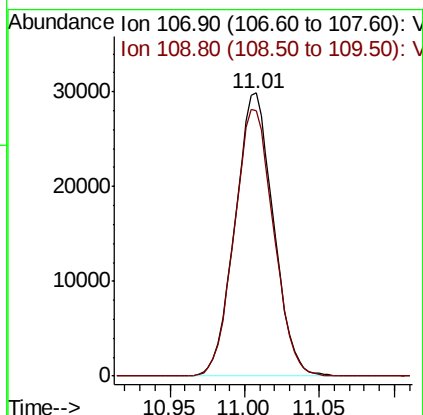
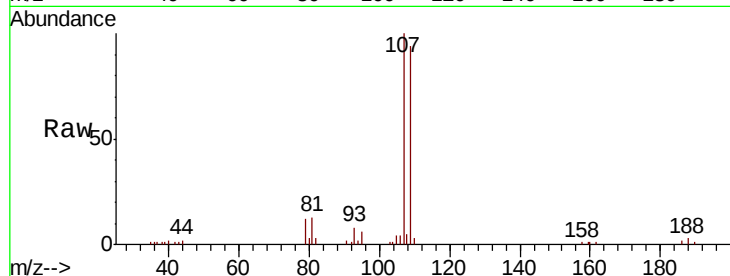




#61
 1,2-Dibromoethane
 Concen: 17.886 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

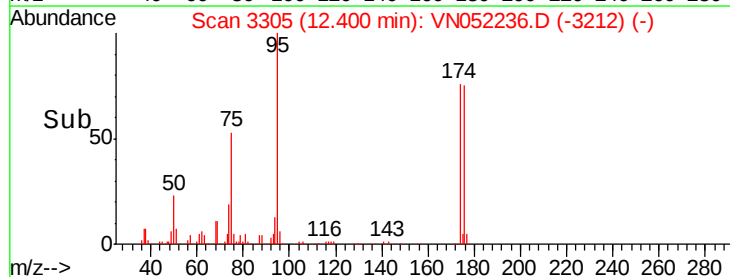
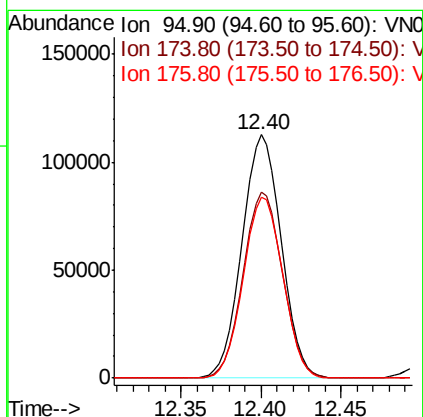
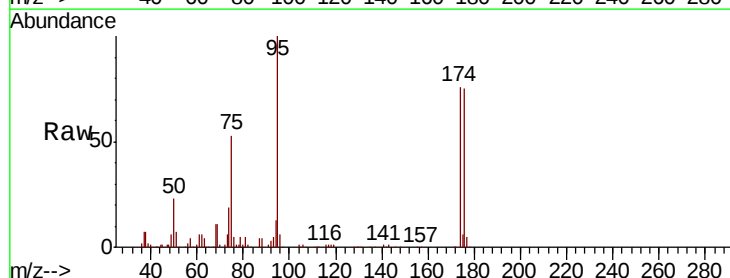
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

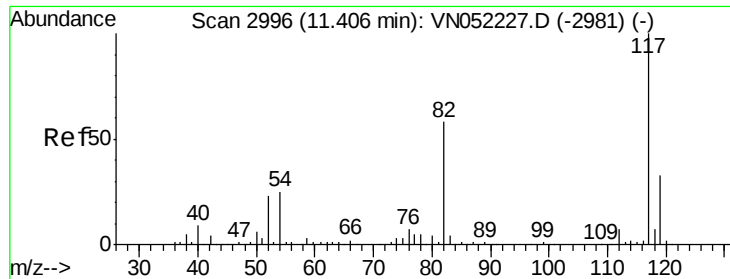
Tot Ion:107 Resp: 53242
 Ion Ratio Lower Upper
 107 100
 109 96.3 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 17.886 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion: 95 Resp: 188064
 Ion Ratio Lower Upper
 95 100
 174 77.1 0.0 159.4
 176 75.1 0.0 157.8

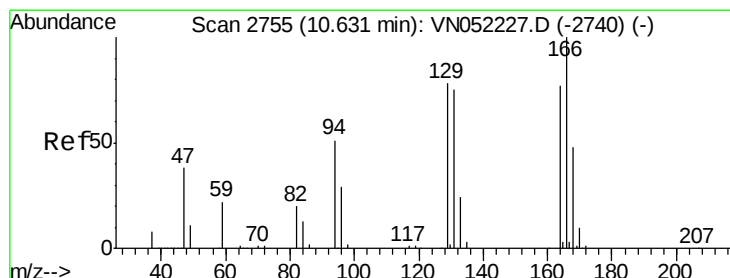
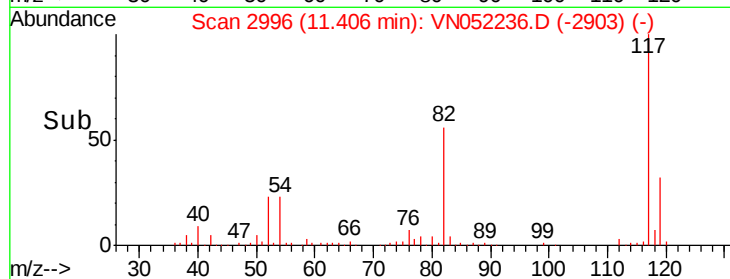
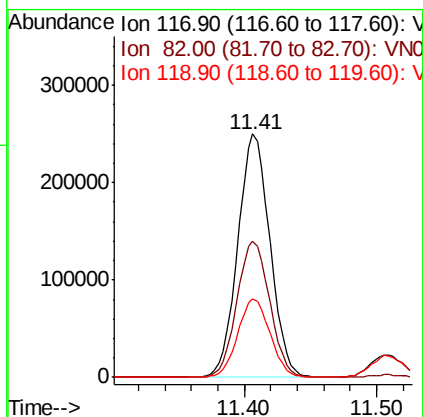
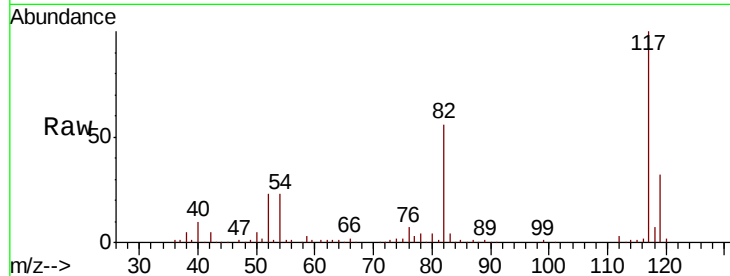




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

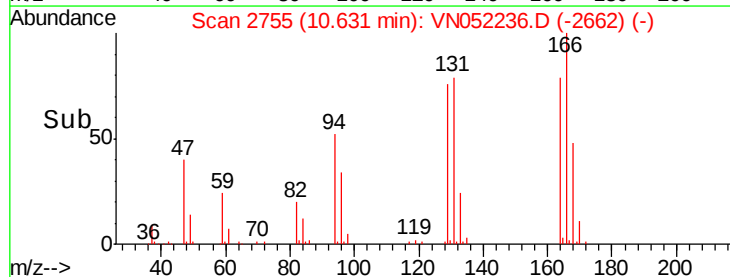
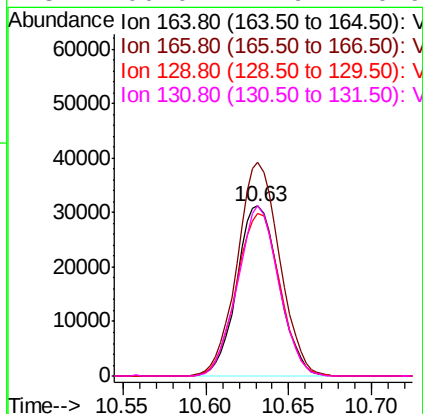
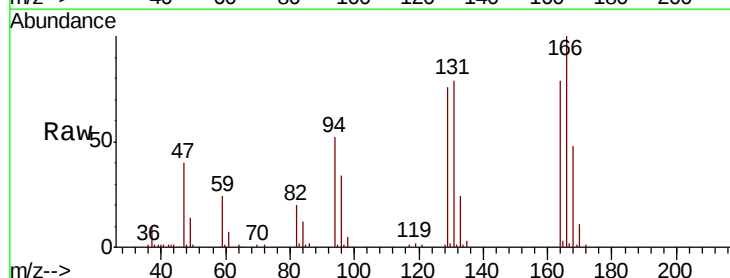
Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

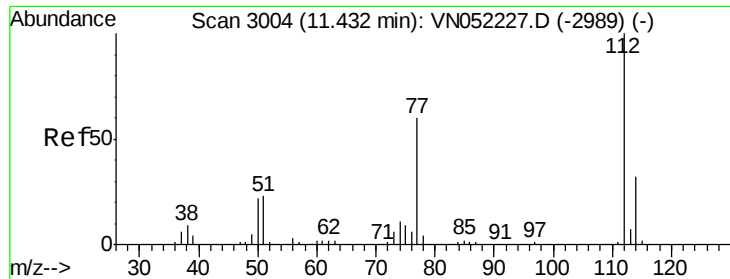
Tot Ion:117 Resp: 420636
Ion Ratio Lower Upper
117 100
82 56.1 46.2 69.2
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 18.732 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion:164 Resp: 55167
Ion Ratio Lower Upper
164 100
166 125.8 103.6 155.4
129 96.1 81.0 121.6
131 100.0 77.9 116.9

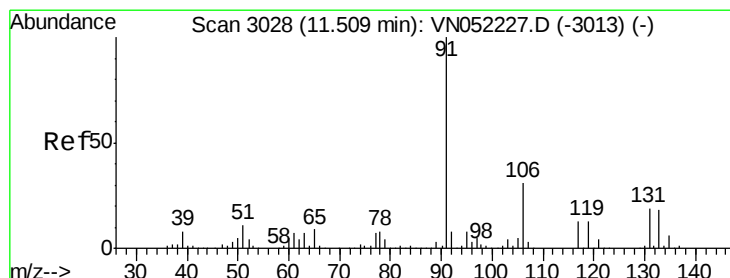
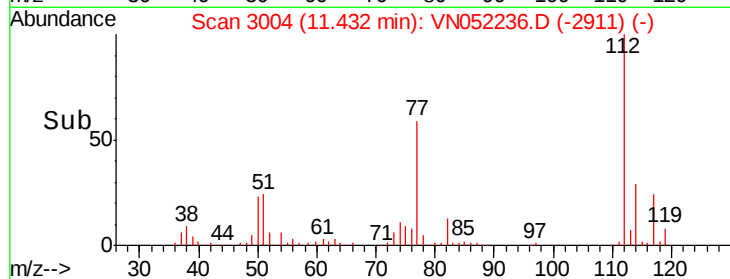
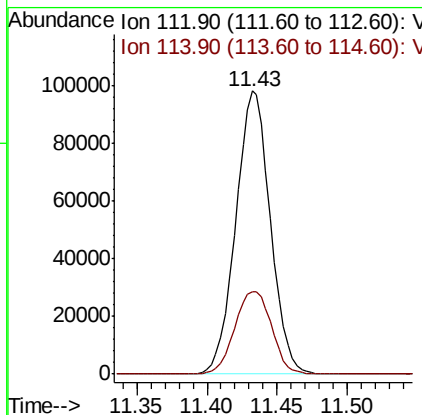
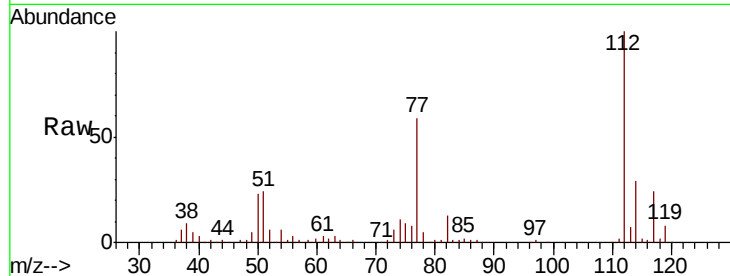




#65
Chlorobenzene
Concen: 18.921 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

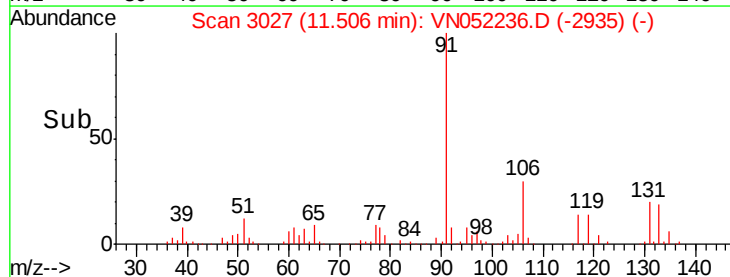
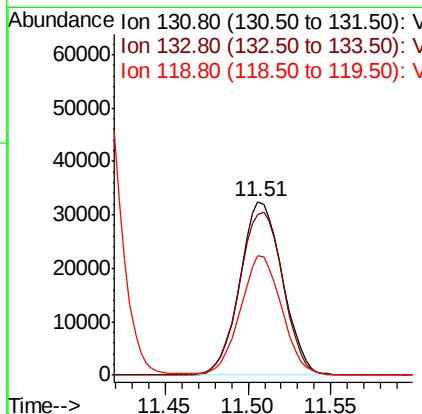
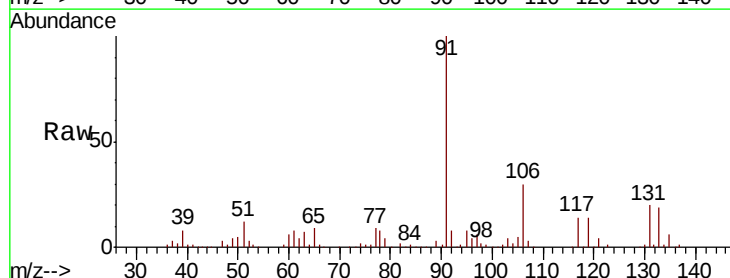
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

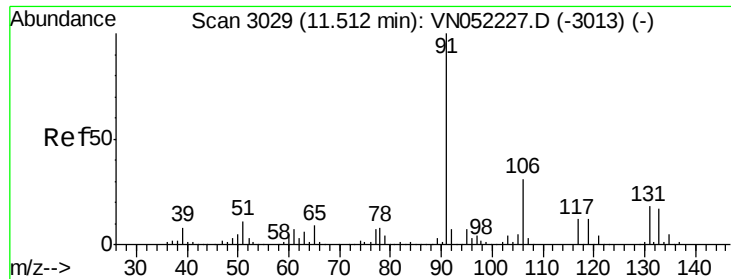
Tot Ion:112 Resp: 168641
Ion Ratio Lower Upper
112 100
114 29.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 19.177 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion:131 Resp: 57897
Ion Ratio Lower Upper
131 100
133 96.3 48.3 144.9
119 67.2 34.6 103.9

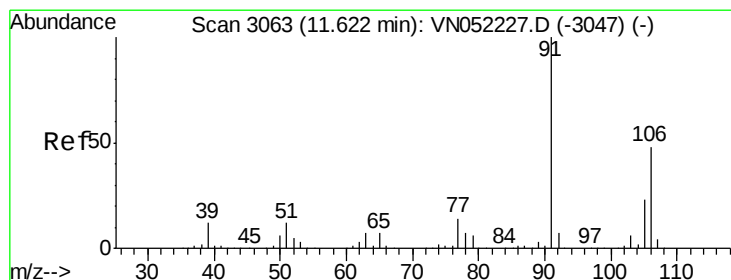
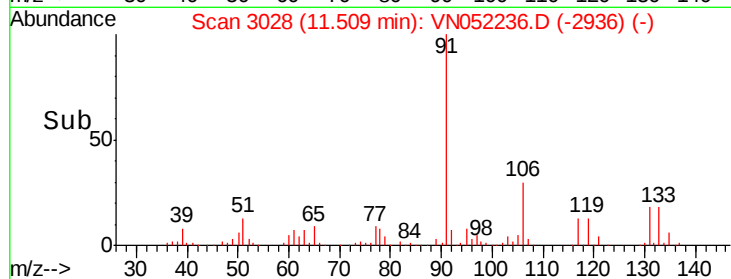
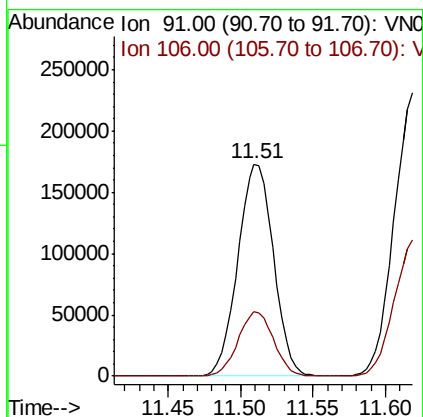
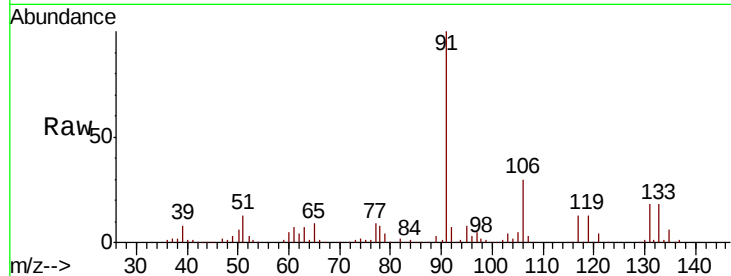




#67
Ethyl Benzene
Concen: 18.865 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

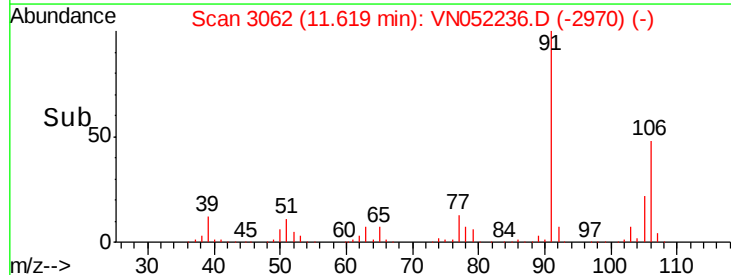
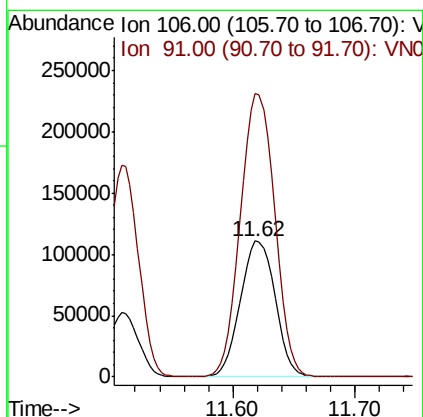
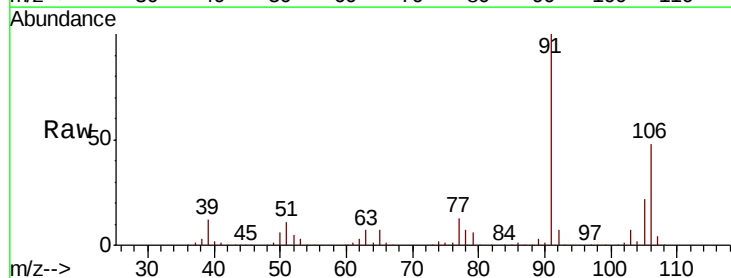
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

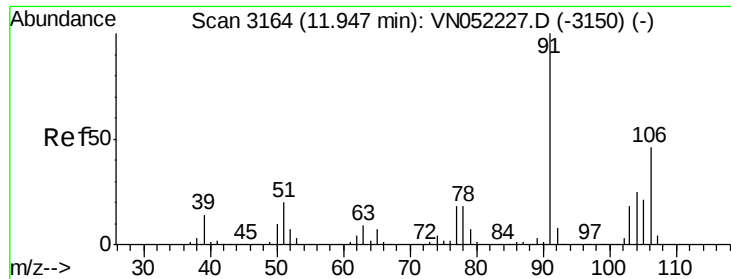
Tot Ion: 91 Resp: 295751
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 37.488 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion: 106 Resp: 218873
Ion Ratio Lower Upper
106 100
91 206.0 165.7 248.5

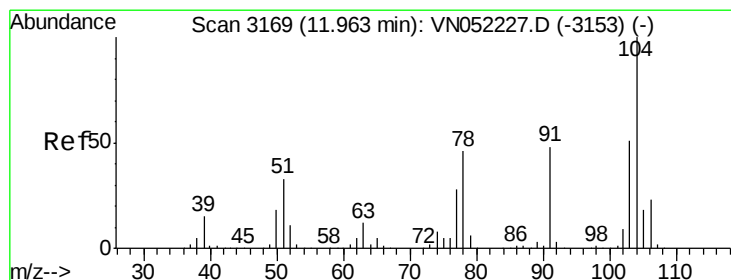
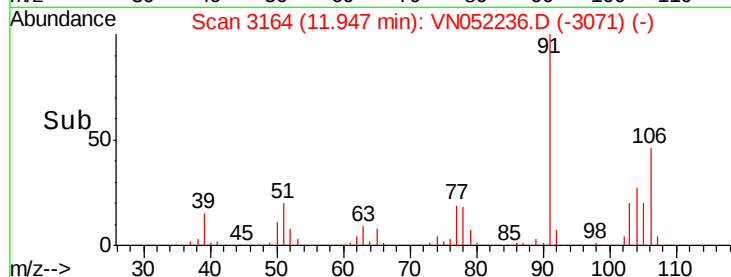
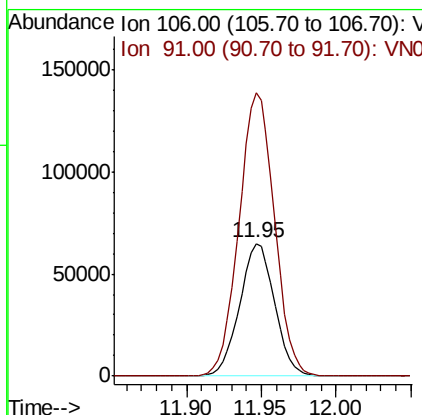
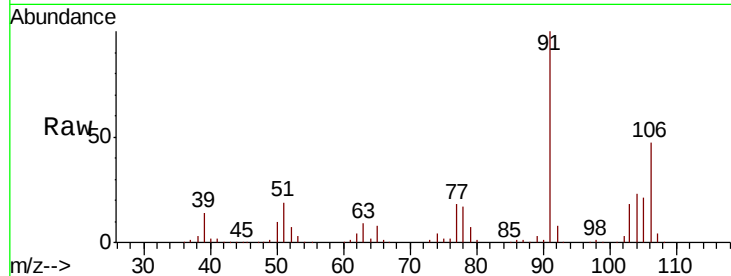




#69
o-Xylene
Concen: 18.878 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

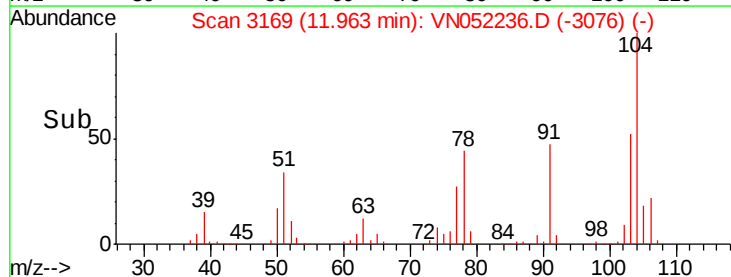
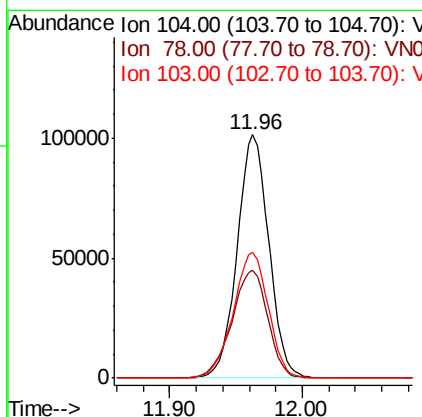
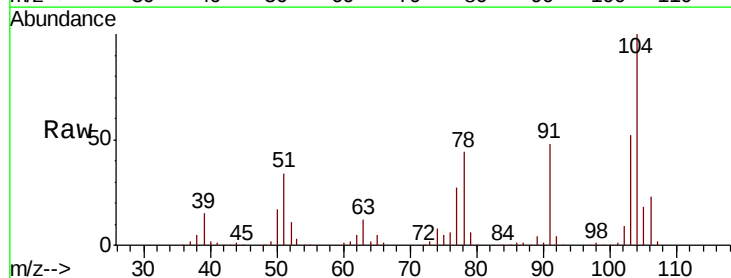
Instrument :
MSVOA_N
ClientSampled :
VN1109WBS01

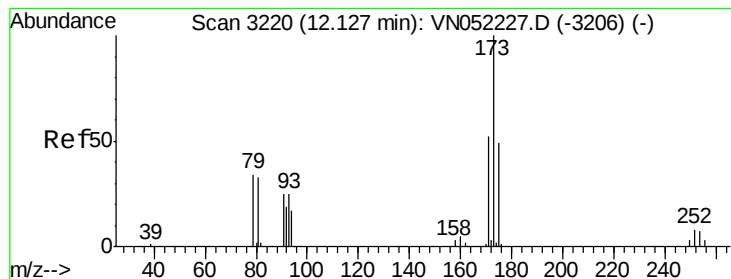
Tot Ion:106 Resp: 105302
Ion Ratio Lower Upper
106 100
91 217.3 108.5 325.5



#70
Styrene
Concen: 18.674 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion:104 Resp: 168282
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.6
103 57.1 44.9 67.3





#71

Bromoform

Concen: 17.703 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

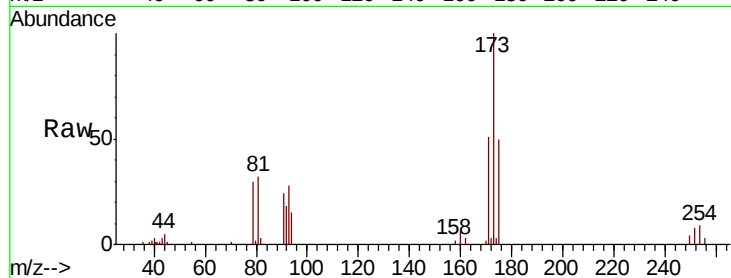
Tot Ion:173 Resp: 31885

Ion Ratio Lower Upper

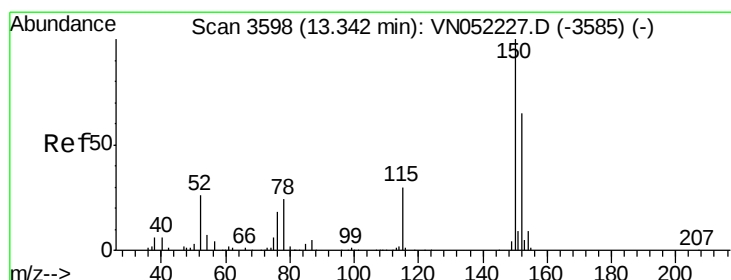
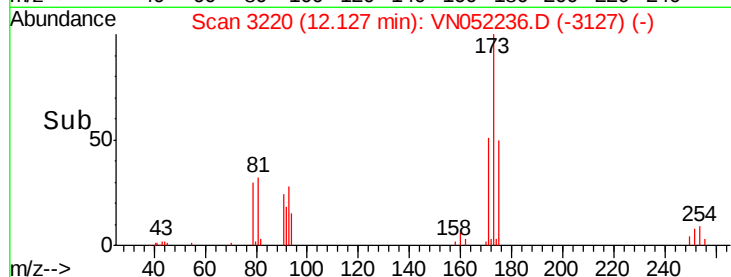
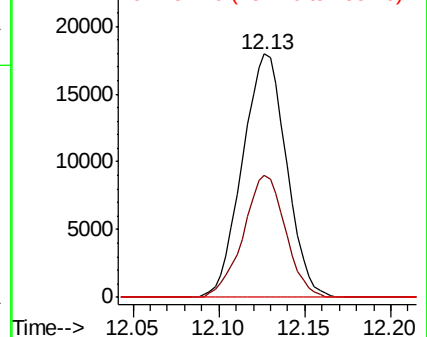
173 100

175 48.0 24.5 73.5

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: VN052236.D

Acq: 9 Nov 2018 19:22

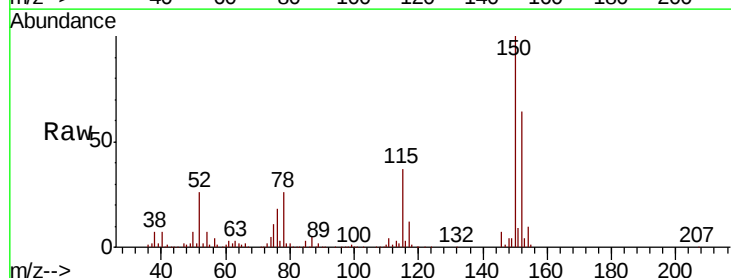
Tgt Ion:152 Resp: 174340

Ion Ratio Lower Upper

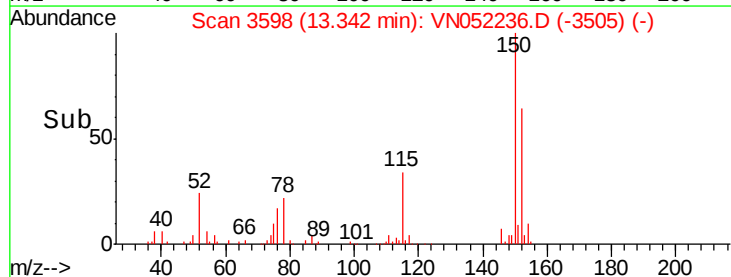
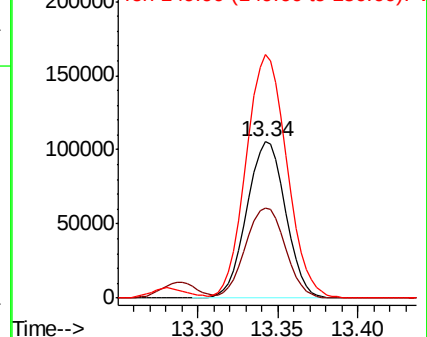
152 100

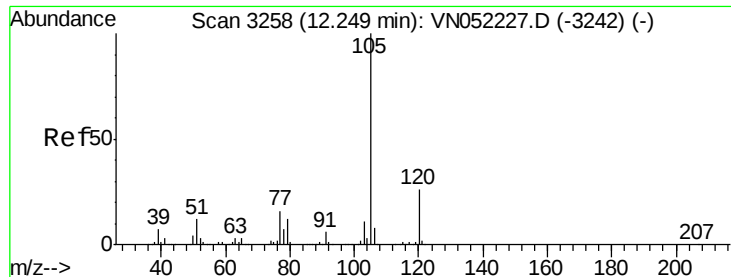
115 59.6 29.8 89.5

150 163.9 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.669 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

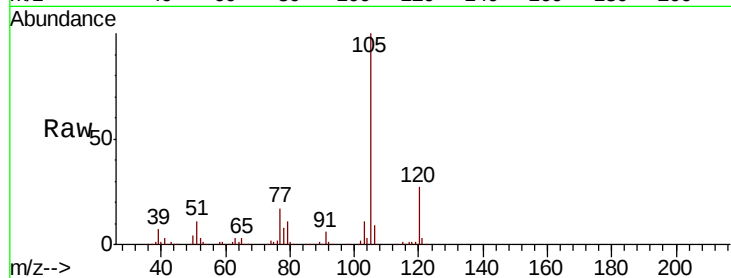
VN1109WBS01

Tot Ion:105 Resp: 280313

Ion Ratio Lower Upper

105 100

120 26.5 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

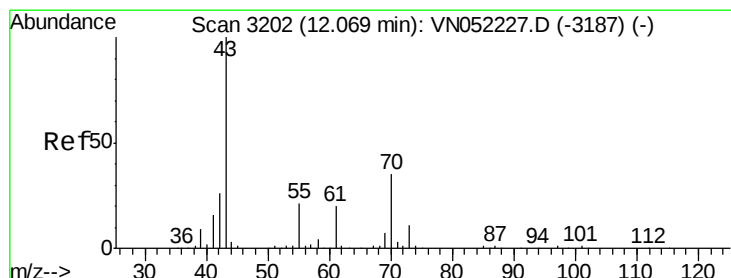
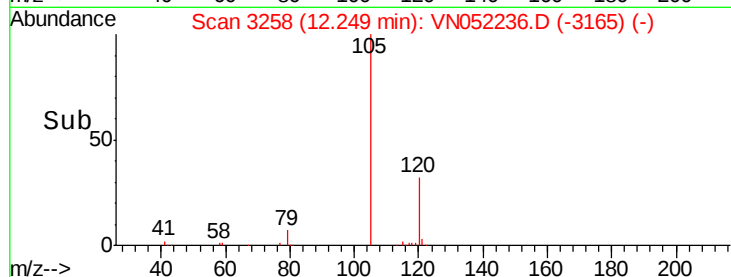
100000

50000

0

12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 18.328 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Tgt Ion: 43 Resp: 94827

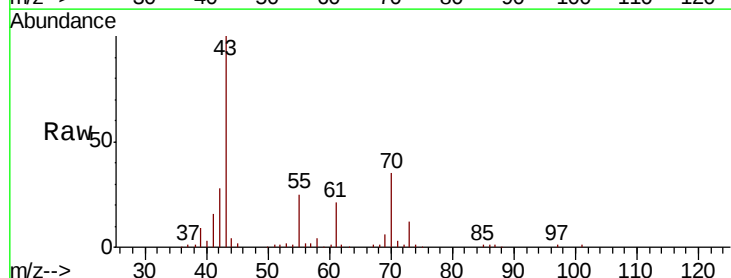
Ion Ratio Lower Upper

43 100

70 35.0 28.2 42.2

55 23.0 17.4 26.2

61 20.2 16.3 24.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

80000

60000

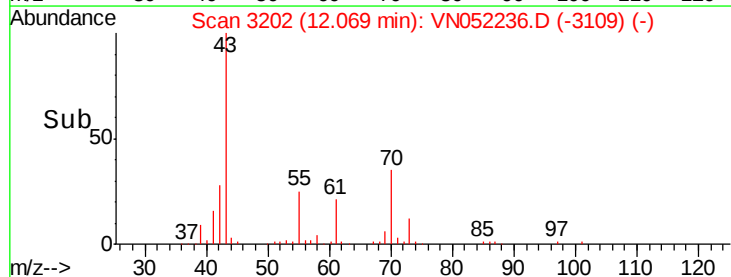
40000

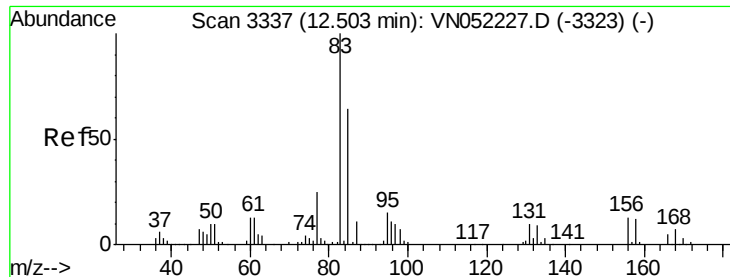
20000

0

12.00 12.05 12.10 12.15

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.911 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampled :

VN1109WBS01

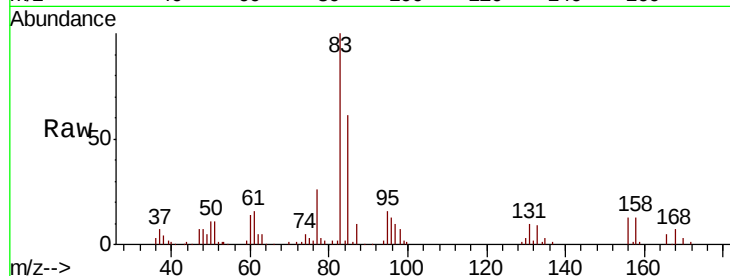
Tot Ion: 83 Resp: 66073

Ion Ratio Lower Upper

83 100

131 9.5 5.1 15.2

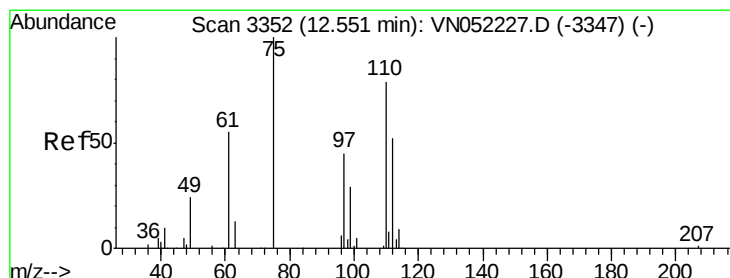
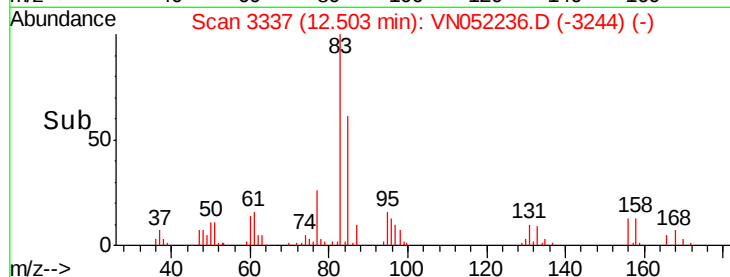
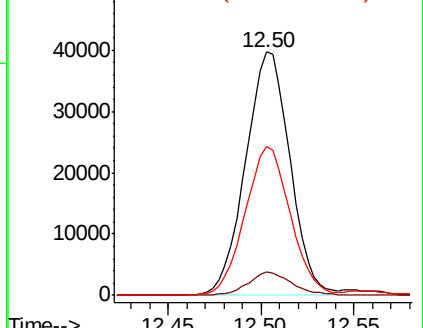
85 62.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VN052227.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN052227.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN052227.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 26.747 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN052236.D

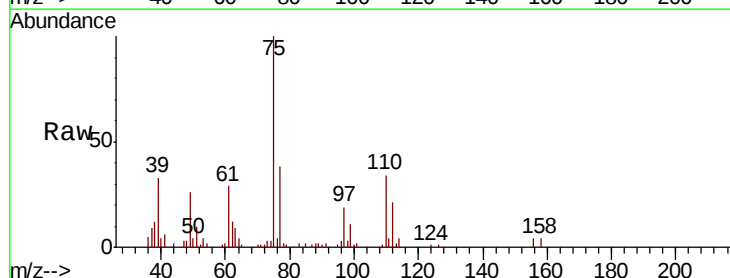
Acq: 9 Nov 2018 19:22

Tgt Ion: 75 Resp: 82502

Ion Ratio Lower Upper

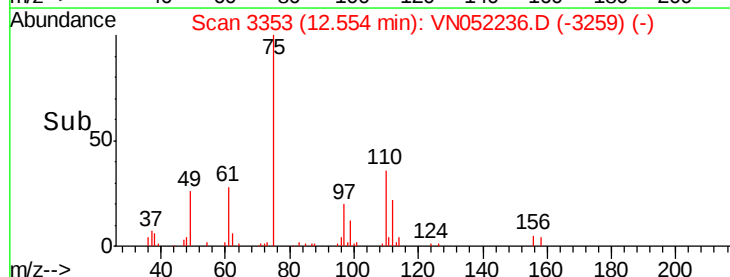
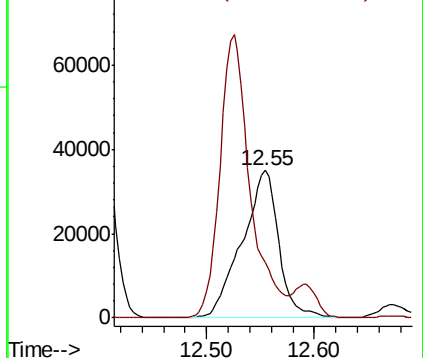
75 100

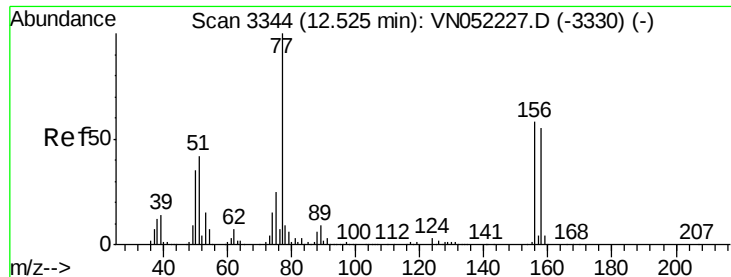
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN052227.D (-3347) (-)





#77

Bromobenzene

Concen: 19.055 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

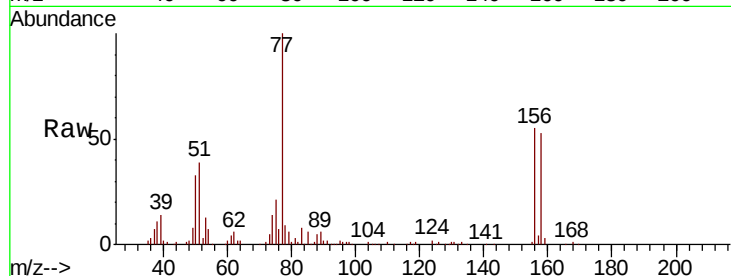
Tot Ion:156 Resp: 63566

Ion Ratio Lower Upper

156 100

77 207.8 101.1 303.3

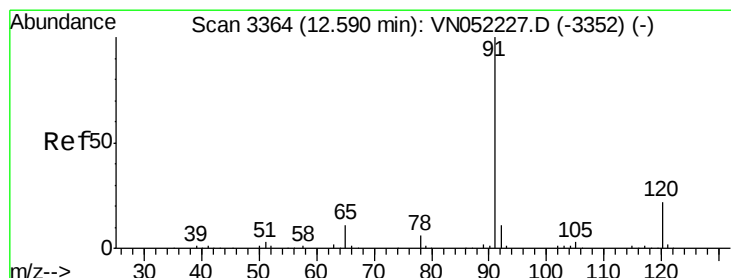
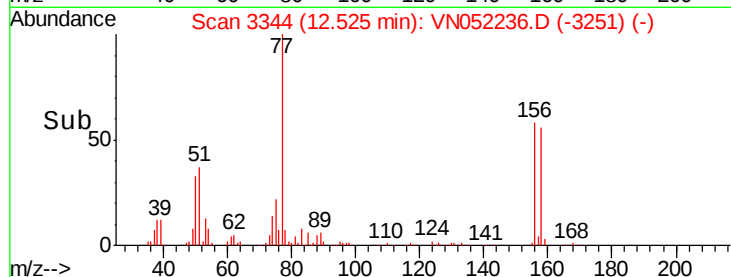
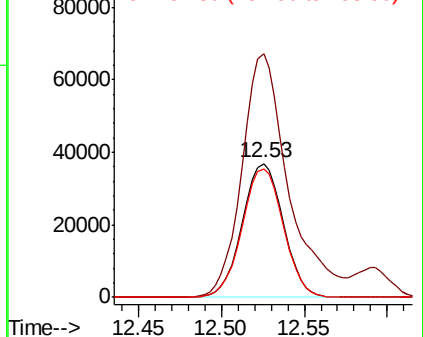
158 96.4 47.8 143.3



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: 19.327 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN052236.D

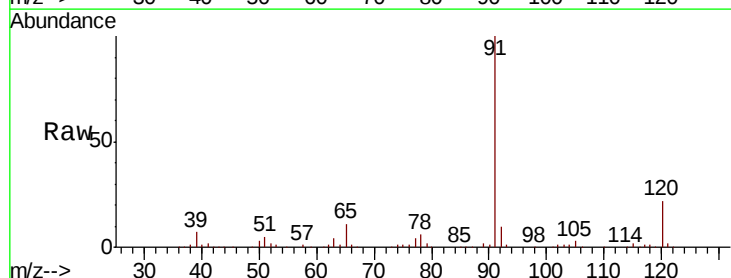
Acq: 9 Nov 2018 19:22

Tgt Ion: 91 Resp: 322593

Ion Ratio Lower Upper

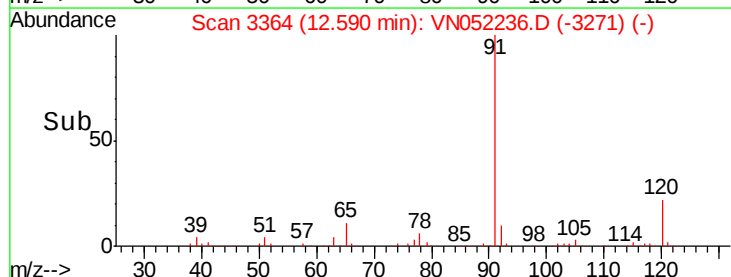
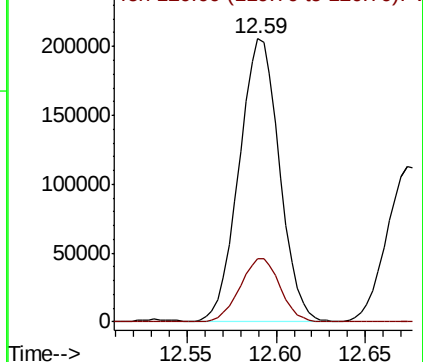
91 100

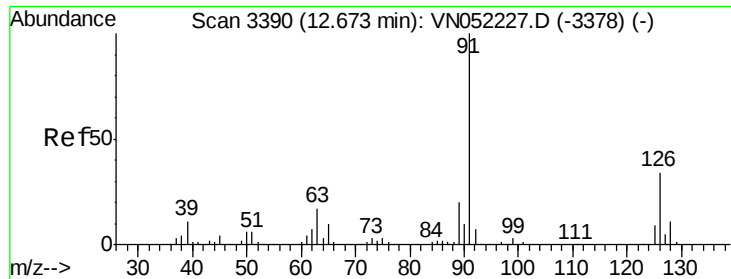
120 22.3 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

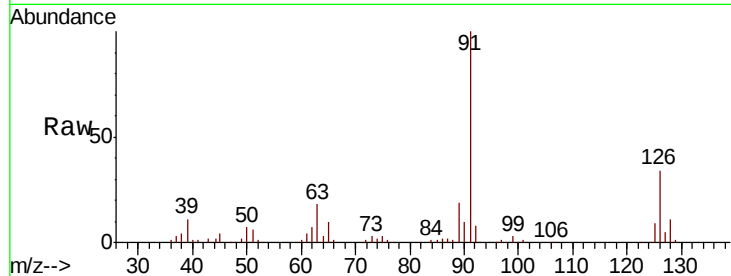




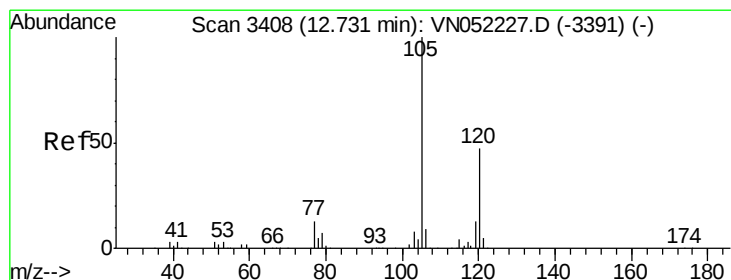
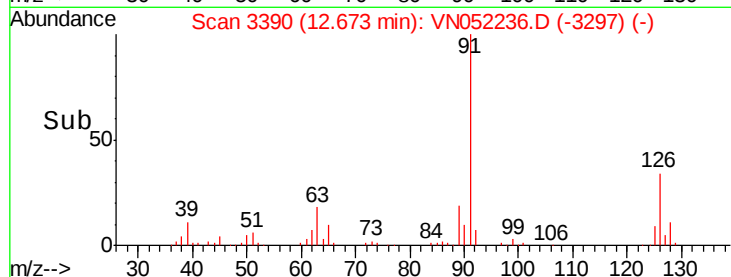
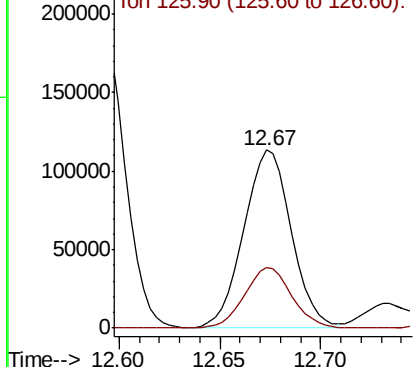
#79
 2-Chlorotoluene
 Concen: 19.331 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

Tot Ion: 91 Resp: 186927
 Ion Ratio Lower Upper
 91 100
 126 33.7 17.0 51.0

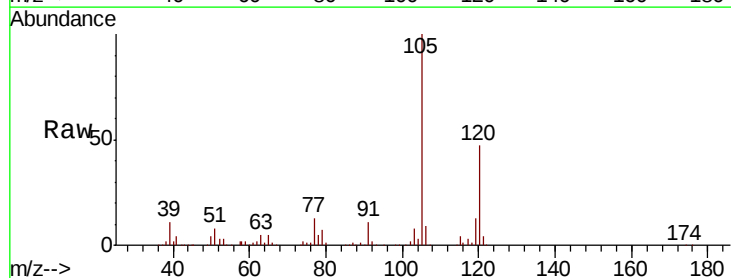


Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN052227.D (-3378) (-)

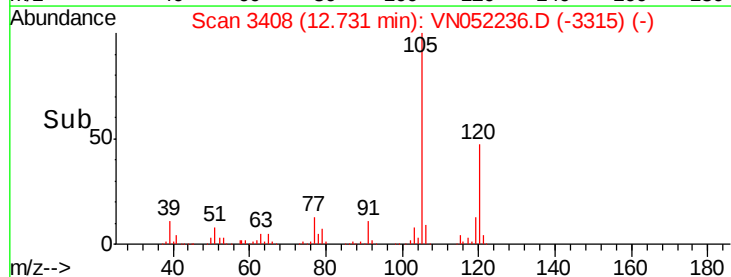
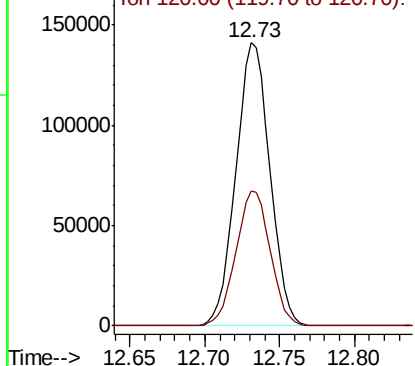


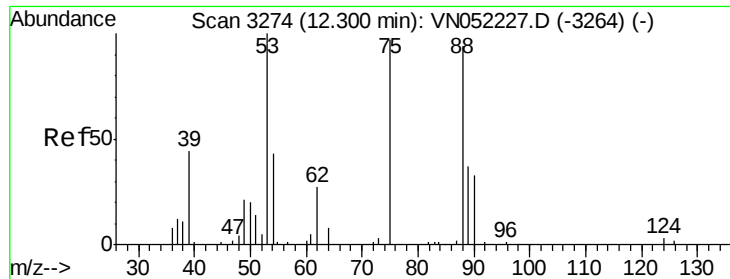
#80
 1,3,5-Trimethylbenzene
 Concen: 19.710 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion: 105 Resp: 223394
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.9 71.8



Abundance Ion 105.00 (104.70 to 105.70): VN052227.D (-3391) (-)
 Ion 120.00 (119.70 to 120.70): VN052227.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.132 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

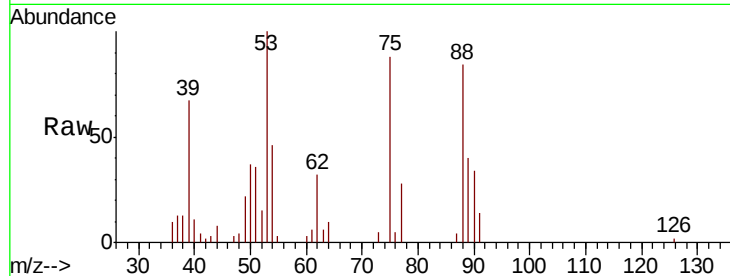
Tot Ion: 75 Resp: 15481

Ion Ratio Lower Upper

75 100

53 117.2 84.0 126.0

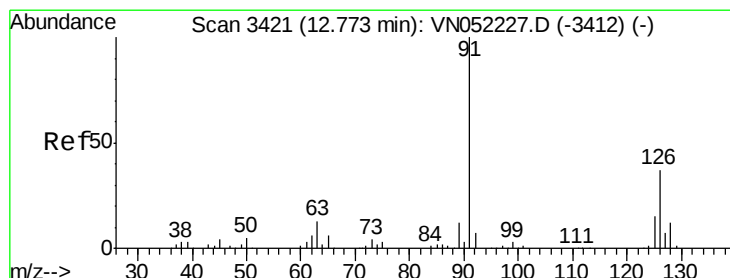
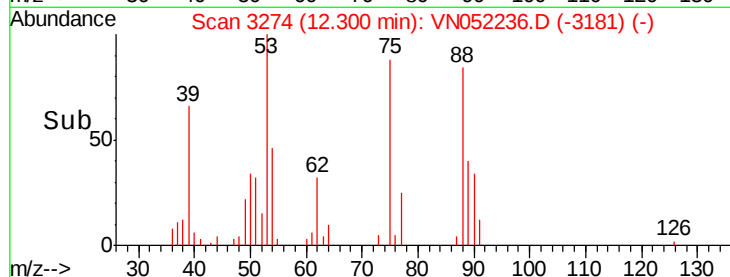
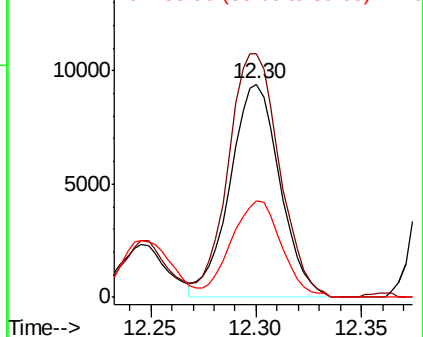
89 46.0 33.7 50.5



Abundance Ion 74.90 (74.60 to 75.60): VN052227.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN052227.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN052227.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 19.297 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN052236.D

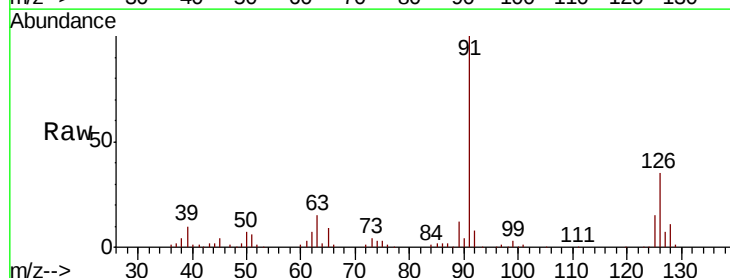
Acq: 9 Nov 2018 19:22

Tgt Ion: 91 Resp: 187227

Ion Ratio Lower Upper

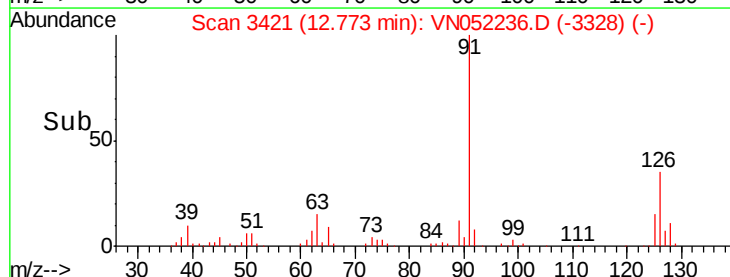
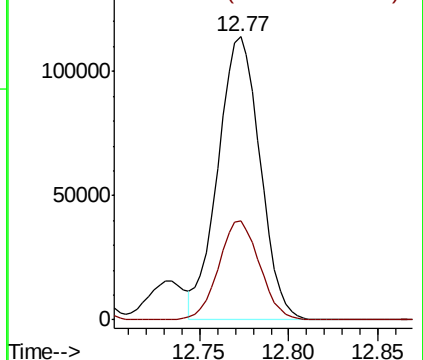
91 100

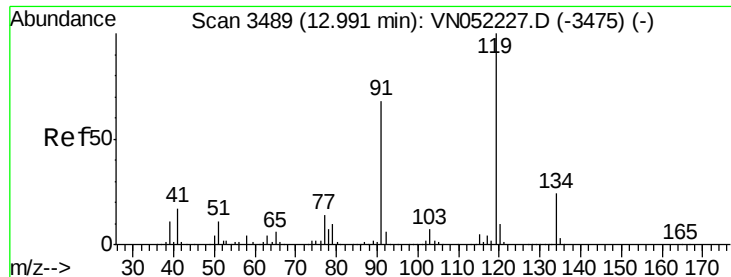
126 33.9 16.9 50.7



Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN052227.D (-3412) (-)





#83

tert-Butylbenzene

Concen: 19.418 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

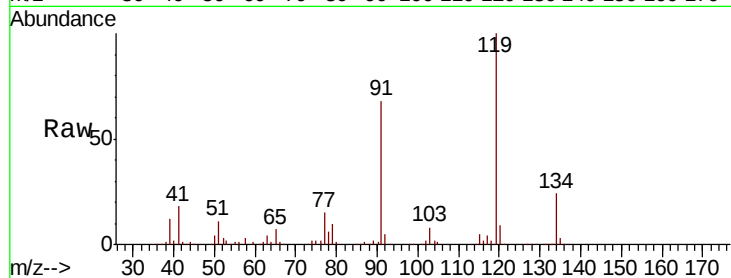
Tot Ion:119 Resp: 192144

Ion Ratio Lower Upper

119 100

91 66.8 33.5 100.4

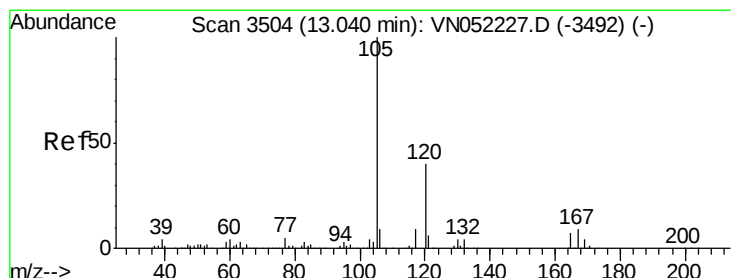
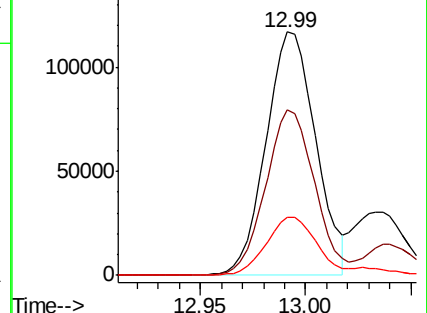
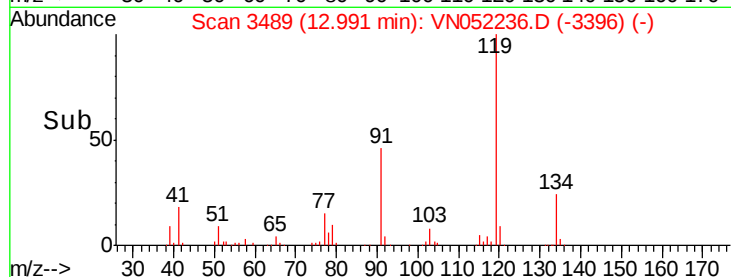
134 24.1 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.294 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN052236.D

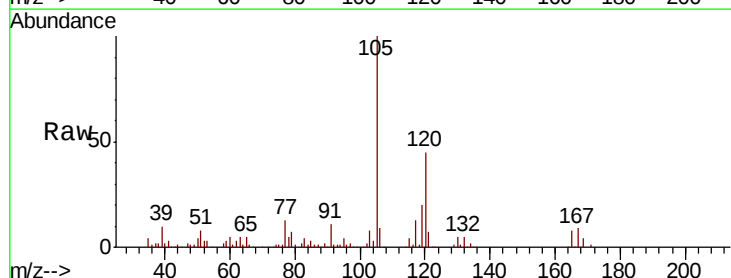
Acq: 9 Nov 2018 19:22

Tgt Ion:105 Resp: 220482

Ion Ratio Lower Upper

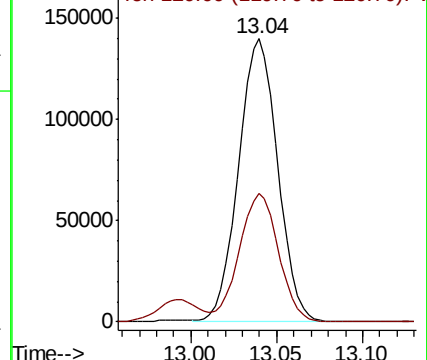
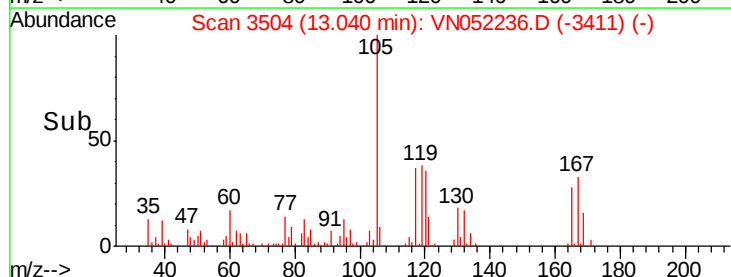
105 100

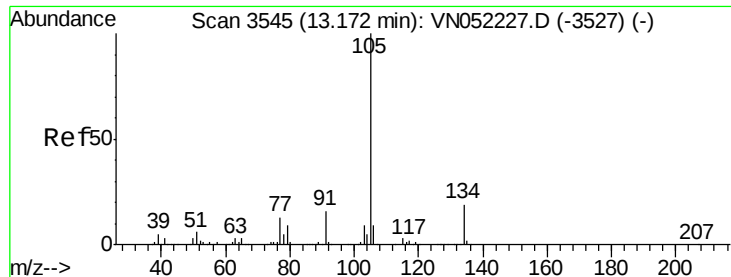
120 45.7 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

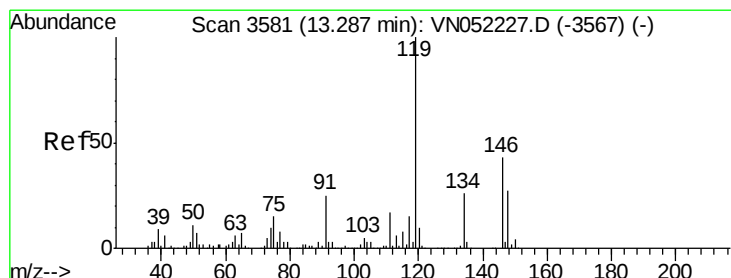
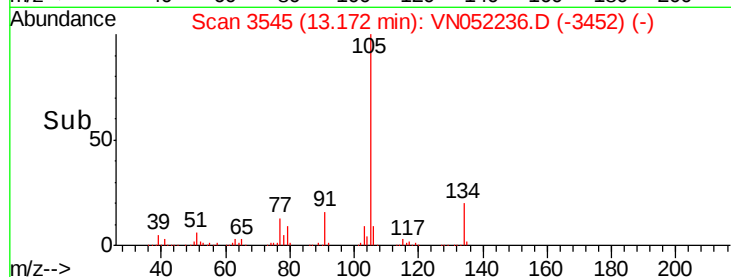
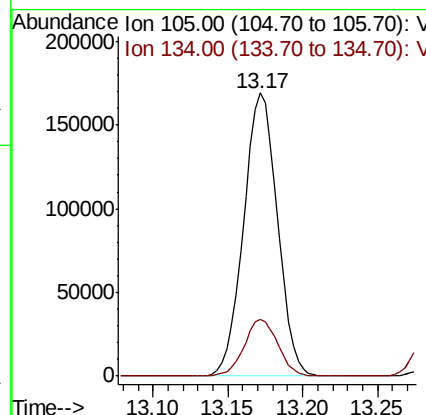
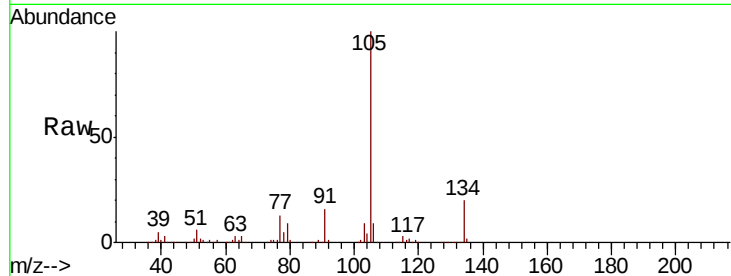




#85
 sec-Butylbenzene
 Concen: 19.606 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

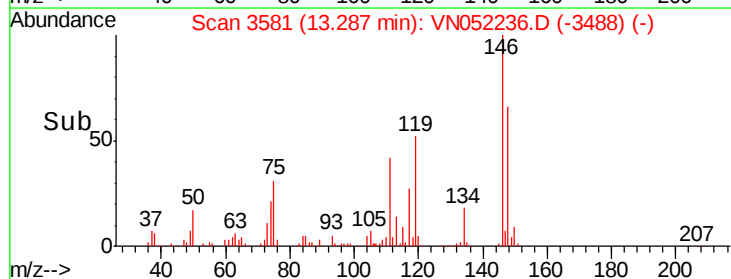
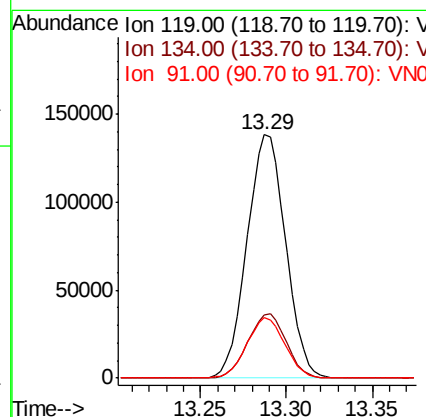
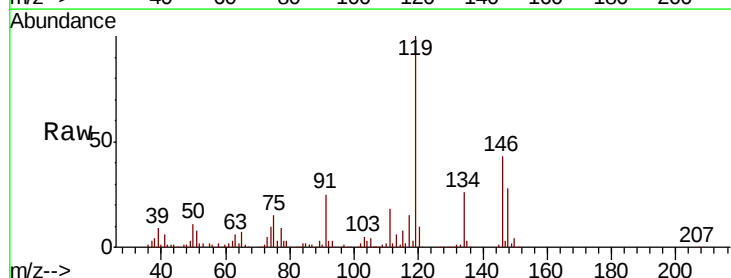
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

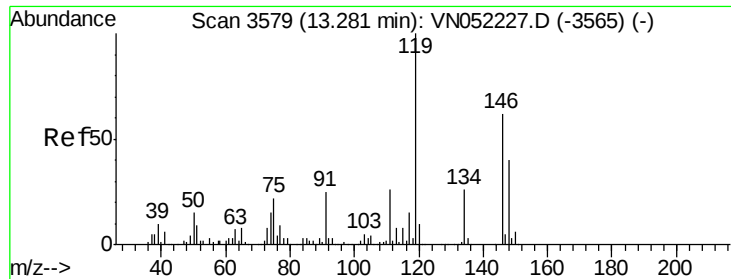
Tot Ion:105 Resp: 266043
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 19.022 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion:119 Resp: 215937
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.2 39.6
 91 24.7 12.4 37.0

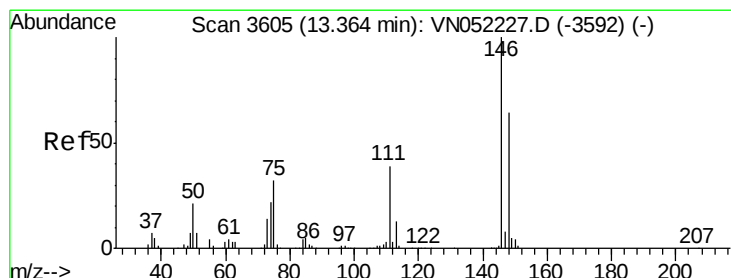
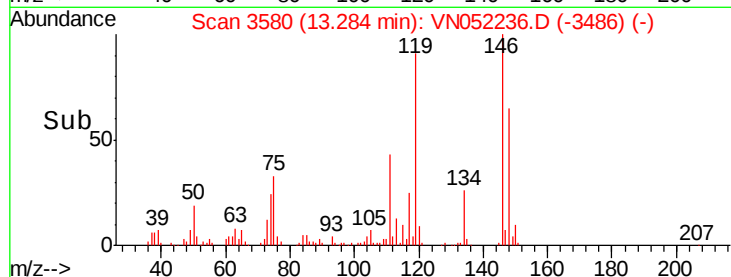
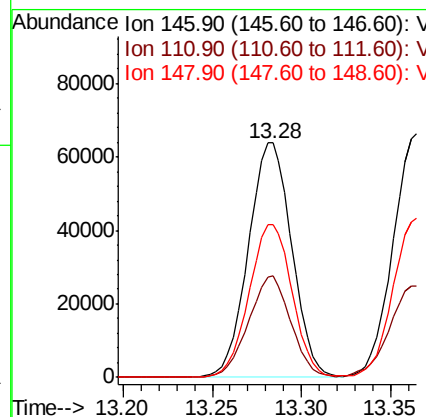
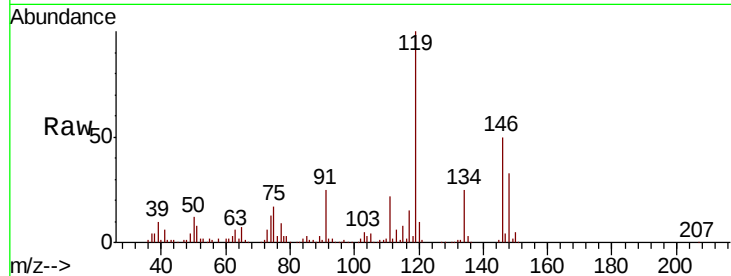




#87
 1,3-Dichlorobenzene
 Concen: 18.705 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

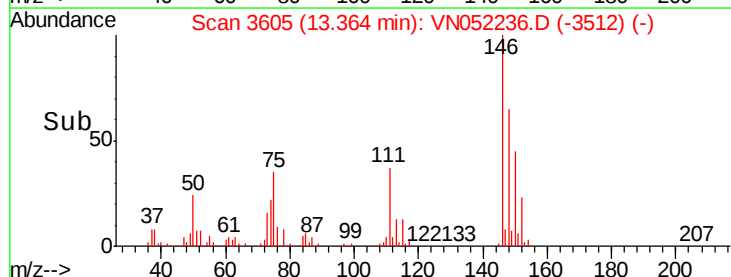
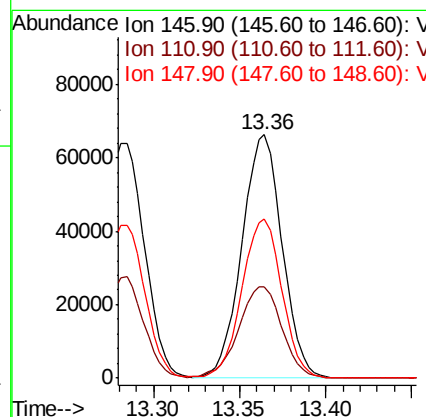
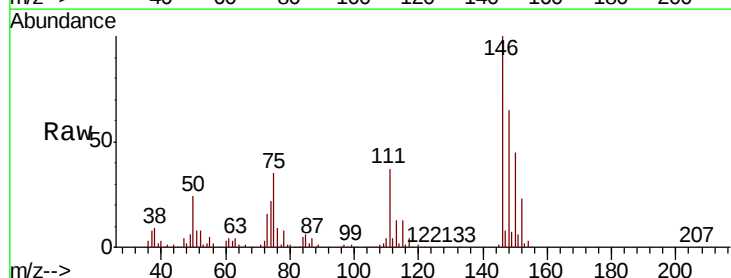
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

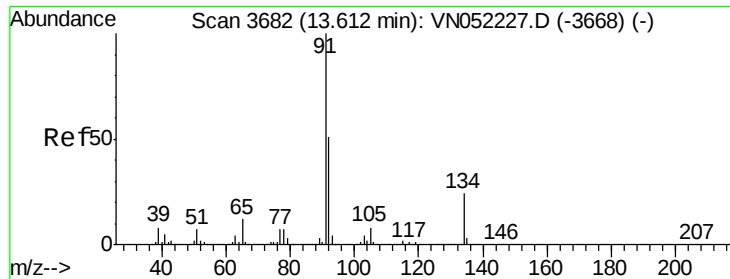
Tot Ion:146 Resp: 108625
 Ion Ratio Lower Upper
 146 100
 111 42.0 20.1 60.3
 148 64.7 31.6 94.7



#88
 1,4-Dichlorobenzene
 Concen: 18.572 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion:146 Resp: 107977
 Ion Ratio Lower Upper
 146 100
 111 40.7 20.2 60.6
 148 65.0 32.1 96.3





#89

n-Butylbenzene

Concen: 18.286 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN052236.D

Acq: 9 Nov 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

VN1109WBS01

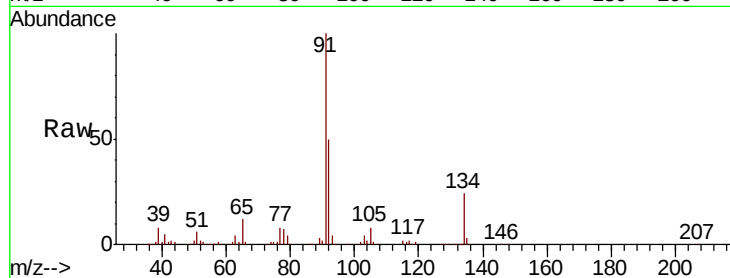
Tot Ion: 91 Resp: 184846

Ion Ratio Lower Upper

91 100

92 50.1 25.1 75.3

134 23.9 12.0 36.1

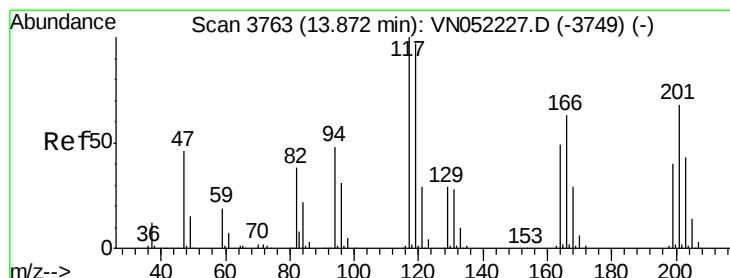
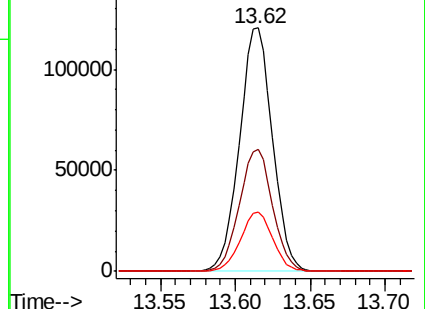
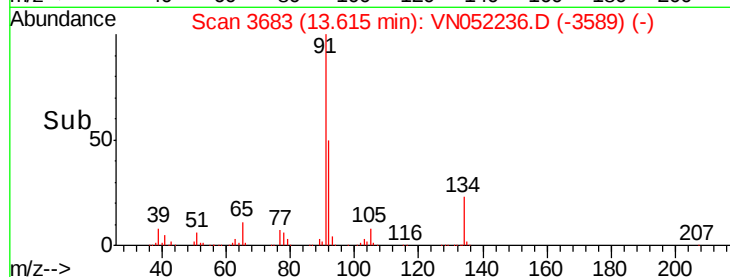


Abundance Ion 91.00 (90.70 to 91.70): VN052227.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN052227.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN052227.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 18.386 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN052236.D

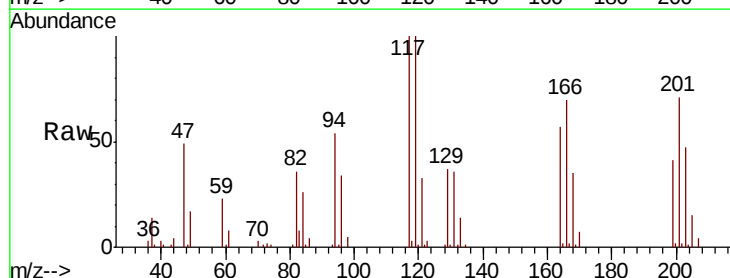
Acq: 9 Nov 2018 19:22

Tgt Ion: 117 Resp: 36635

Ion Ratio Lower Upper

117 100

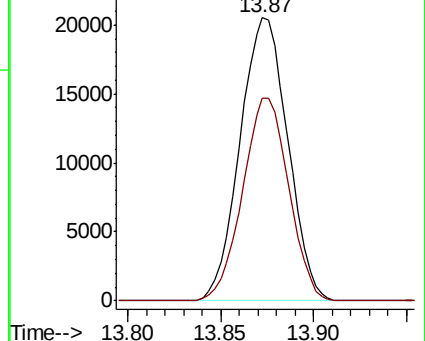
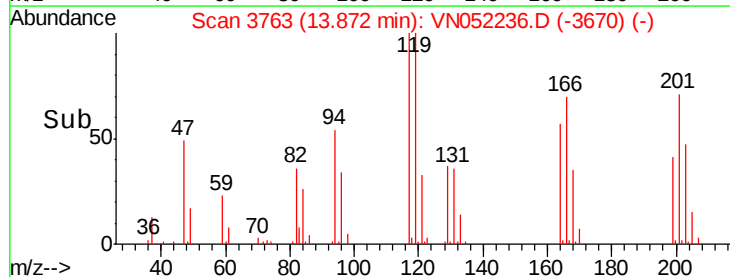
201 69.1 34.6 103.9

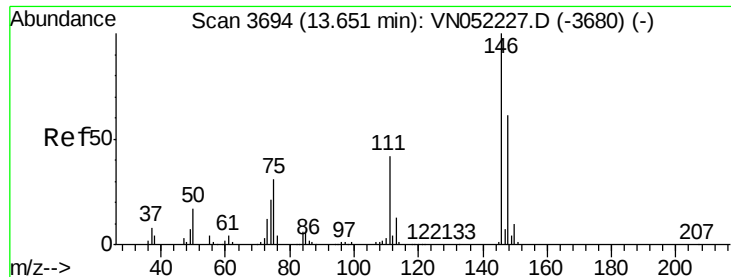


Abundance Ion 116.80 (116.50 to 117.50): VN052227.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052227.D (-3749) (-)

Time-->

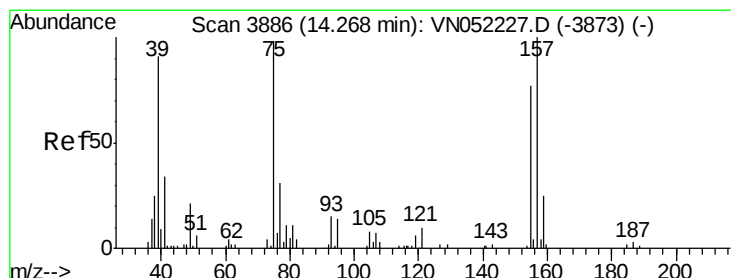
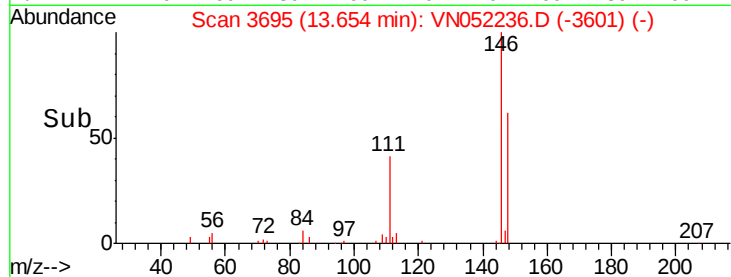
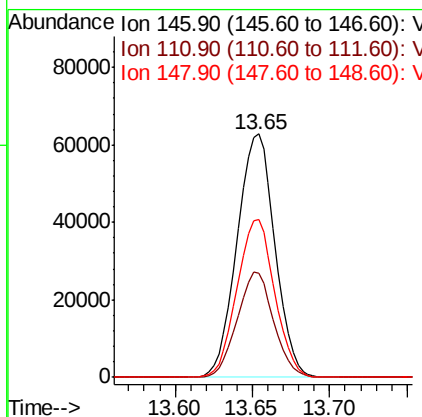
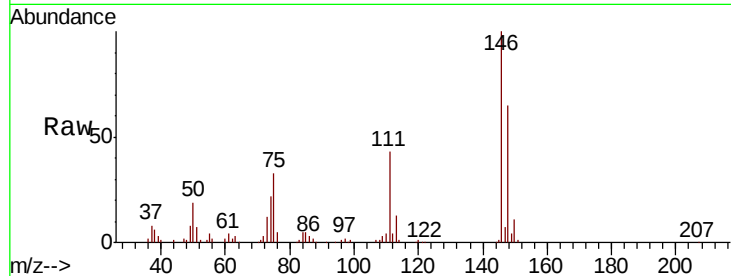




#91
 1,2-Dichlorobenzene
 Concen: 18.831 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

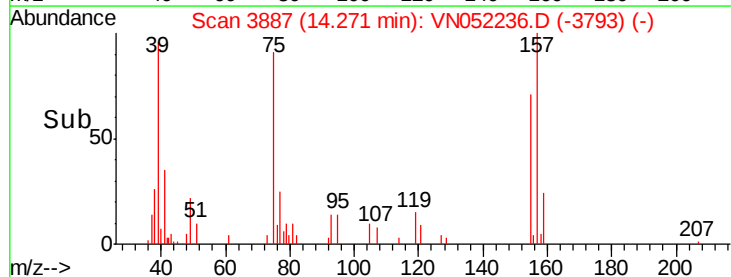
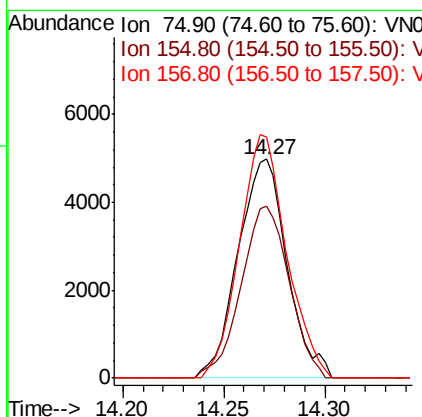
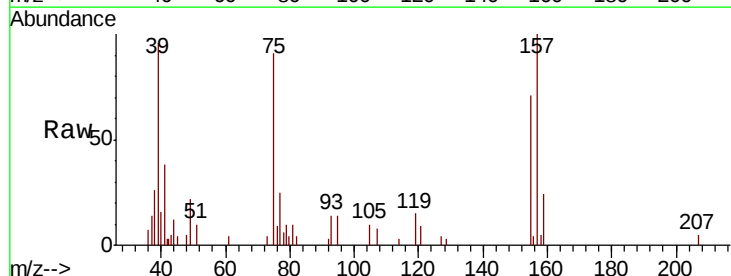
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

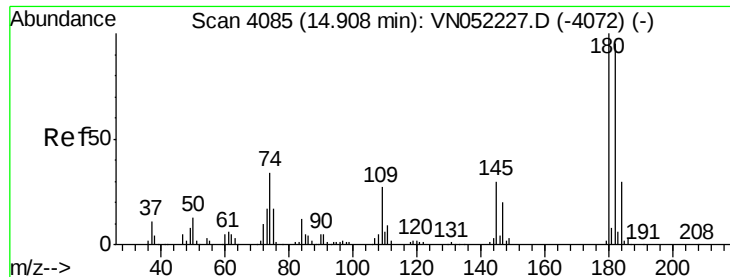
Tot Ion:146 Resp: 106725
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.1 63.3
 148 64.5 31.3 93.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.064 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion: 75 Resp: 8476
 Ion Ratio Lower Upper
 75 100
 155 76.9 40.2 120.5
 157 106.7 51.7 155.2

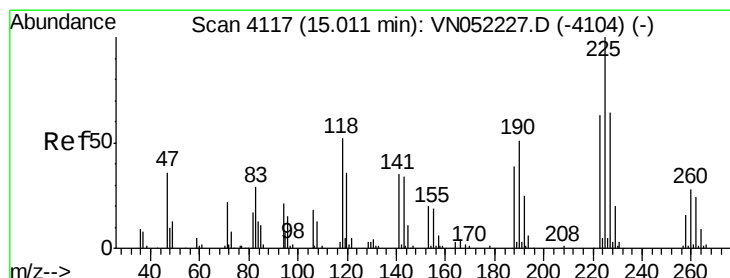
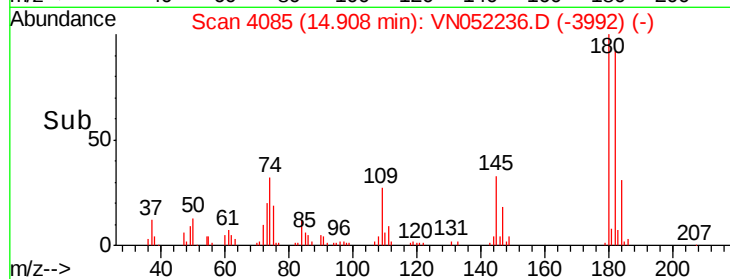
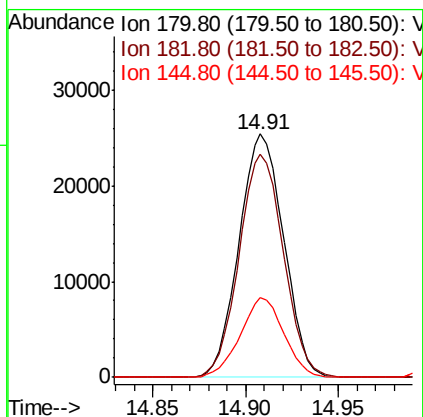
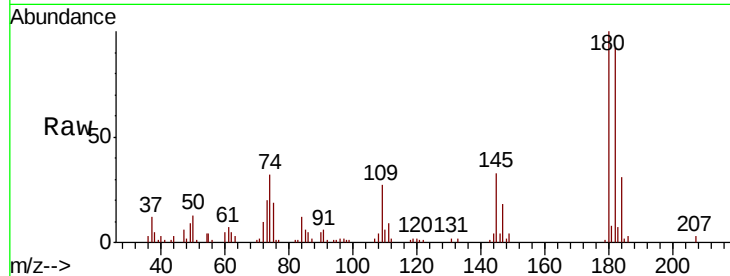




#93
 1,2,4-Trichlorobenzene
 Concen: 18.942 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

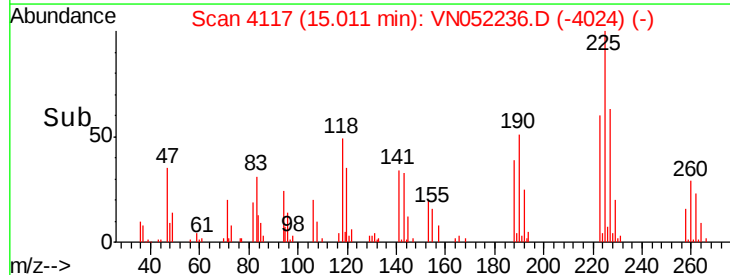
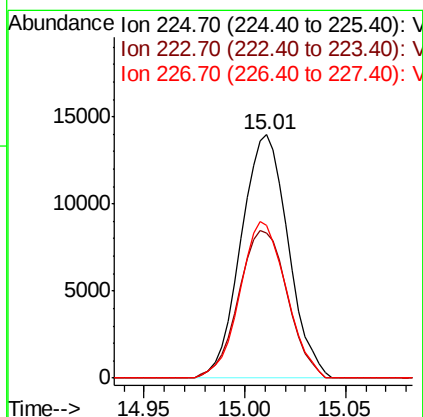
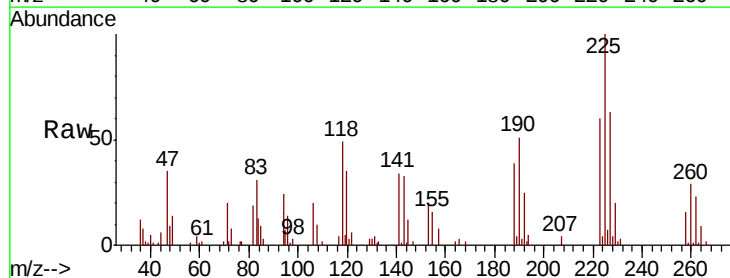
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1109WBS01

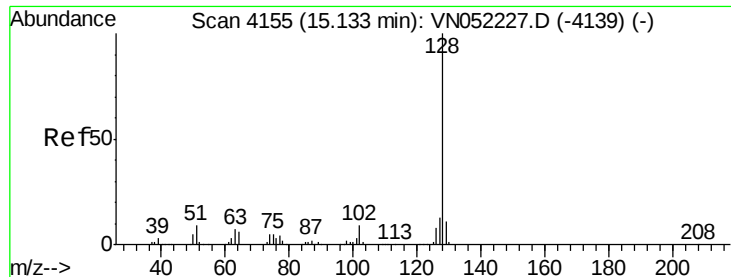
Tot Ion:180 Resp: 42451
 Ion Ratio Lower Upper
 180 100
 182 91.1 47.3 142.0
 145 31.8 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 18.799 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052236.D
 Acq: 9 Nov 2018 19:22

Tgt Ion:225 Resp: 22894
 Ion Ratio Lower Upper
 225 100
 223 62.6 32.1 96.3
 227 63.2 31.8 95.4

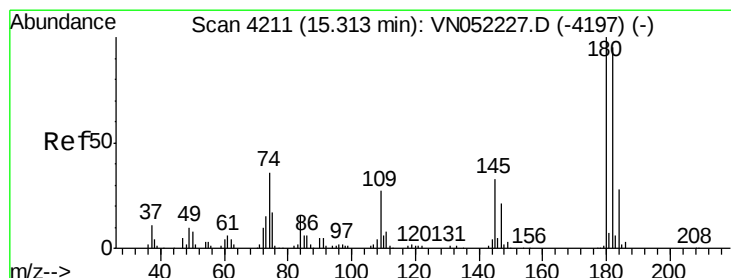
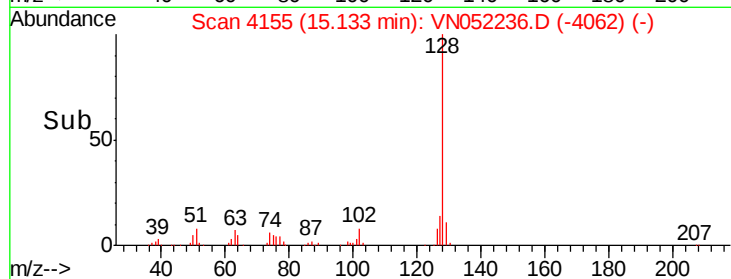
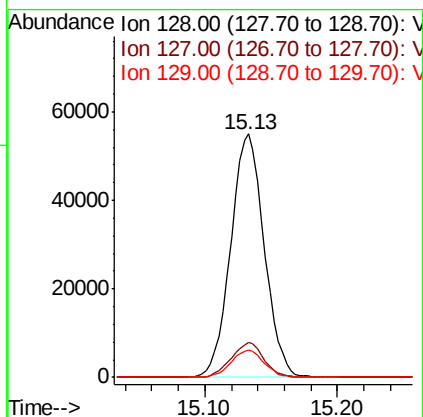
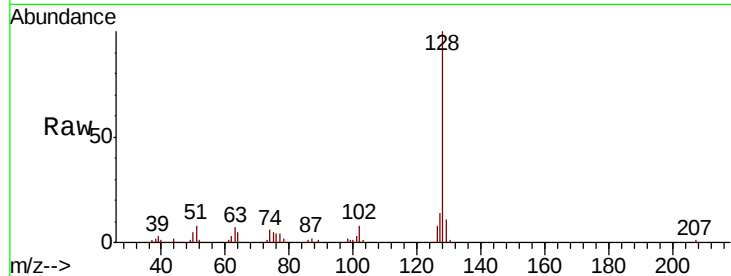




#95
Naphthalene
Concen: 17.437 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
VN1109WBS01

Tot Ion:128 Resp: 96312
Ion Ratio Lower Upper
128 100
127 13.8 10.6 16.0
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.972 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN052236.D
Acq: 9 Nov 2018 19:22

Tgt Ion:180 Resp: 38080
Ion Ratio Lower Upper
180 100
182 93.7 47.7 143.1
145 32.1 16.8 50.3

