

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052750.D
 Acq On : 10 Dec 2018 13:50
 Operator : MD\SY
 Sample : VN1210WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

Quant Time: Dec 11 01:21:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	963496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1501598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	616777	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	542538	51.72	ug/l	0.00
Spiked Amount						
			Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	411480	44.45	ug/l	0.00
Spiked Amount						
			Recovery	=	88.90%	
50) Toluene-d8	10.09	98	1858313	51.57	ug/l	0.00
Spiked Amount						
			Recovery	=	103.14%	
62) 4-Bromofluorobenzene	12.40	95	642133	53.03	ug/l	0.00
Spiked Amount						
			Recovery	=	106.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	150214	16.651	ug/l	98
3) Chloromethane	2.06	50	195573	16.423	ug/l	100
4) Vinyl Chloride	2.19	62	206676	16.895	ug/l	98
5) Bromomethane	2.58	94	116638	15.281	ug/l	99
6) Chloroethane	2.71	64	128122	17.291	ug/l	98
7) Trichlorofluoromethane	3.03	101	279374	18.592	ug/l	97
8) Diethyl Ether	3.41	74	110308	19.879	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.77	101	175368	18.703	ug/l	97
10) Methyl Iodide	3.96	142	192655	15.427	ug/l	99
11) Tert butyl alcohol	4.78	59	57297	109.097	ug/l #	93
12) 1,1-Dichloroethene	3.74	96	166100	18.404	ug/l	98
13) Acrolein	3.61	56	16868	18.480	ug/l	96
14) Allyl chloride	4.33	41	288447	18.543	ug/l	97
15) Acrylonitrile	4.99	53	334465	100.605	ug/l	100
16) Acetone	3.82	43	241519	87.285	ug/l	98
17) Carbon Disulfide	4.06	76	430361	15.152	ug/l	99
18) Methyl Acetate	4.33	43	169386	21.341	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	497178	20.704	ug/l	98
20) Methylene Chloride	4.55	84	200740	18.539	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	178314	18.499	ug/l	94
22) Diisopropyl ether	5.95	45	633654	19.393	ug/l	98
23) Vinyl Acetate	5.90	43	1856874	91.240	ug/l	99
24) 1,1-Dichloroethane	5.85	63	356463	19.107	ug/l	99
25) 2-Butanone	6.83	43	378887	96.606	ug/l	99
26) 2,2-Dichloropropane	6.83	77	257573	19.947	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	215585	19.200	ug/l	99
28) Bromochloromethane	7.19	49	160386	18.822	ug/l	95
29) Tetrahydrofuran	7.21	42	249782	98.741	ug/l	98
30) Chloroform	7.37	83	353171	18.974	ug/l	99
31) Cyclohexane	7.66	56	317404	17.339	ug/l	93
32) 1,1,1-Trichloroethane	7.57	97	288717	19.578	ug/l	99
36) 1,1-Dichloropropene	7.79	75	261793	18.462	ug/l	98
37) Ethyl Acetate	6.93	43	166278	19.214	ug/l	99
38) Carbon Tetrachloride	7.78	117	247142	19.253	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	304163	17.648	ug/l	98
40) Benzene	8.04	78	806068	19.074	ug/l	98
41) Methacrylonitrile	7.17	41	89800	18.980	ug/l	93
42) 1,2-Dichloroethane	8.13	62	249513	19.500	ug/l	99
43) Isopropyl Acetate	8.16	43	319678	21.828	ug/l	97
44) Trichloroethene	8.84	130	217813	20.122	ug/l	98
45) 1,2-Dichloropropane	9.12	63	221825	19.744	ug/l	99
46) Dibromomethane	9.21	93	126234	20.296	ug/l	97
47) Bromodichloromethane	9.40	83	270565	20.009	ug/l	99
48) Methyl methacrylate	9.20	41	152046	19.911	ug/l	97
49) 1,4-Dioxane	9.20	88	33959	428.491	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	866389	105.439	ug/l	99
52) Toluene	10.16	92	494493	19.695	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	258079	19.839	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	307151	19.702	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	184342	20.873	ug/l	99
56) Ethyl methacrylate	10.43	69	238561	21.098	ug/l	97
57) 1,3-Dichloropropane	10.71	76	313760	20.120	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	659685	102.937	ug/l	98
59) 2-Hexanone	10.75	43	578375	104.877	ug/l	99
60) Dibromochloromethane	10.90	129	197721	20.613	ug/l	100
61) 1,2-Dibromoethane	11.01	107	178436	20.342	ug/l	99
64) Tetrachloroethene	10.63	164	230914	22.491	ug/l	97
65) Chlorobenzene	11.43	112	545166	19.965	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	195959	20.640	ug/l	99
67) Ethyl Benzene	11.51	91	937275	19.601	ug/l	100
68) m/p-Xylenes	11.62	106	707722	39.758	ug/l	100
69) o-Xylene	11.95	106	348462	20.158	ug/l	99
70) Styrene	11.96	104	566314	20.569	ug/l	99
71) Bromoform	12.13	173	131204	20.871	ug/l #	100
73) Isopropylbenzene	12.25	105	933379	19.289	ug/l	100
74) N-amyl acetate	12.07	43	260490	21.308	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	210890	19.158	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	270064	28.395	ug/l #	100
77) Bromobenzene	12.53	156	236658	19.786	ug/l	98
78) n-propylbenzene	12.59	91	1060616	19.293	ug/l	99
79) 2-Chlorotoluene	12.68	91	625758	19.115	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	751195	19.465	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	55999	19.662	ug/l	99
82) 4-Chlorotoluene	12.77	91	633765	19.209	ug/l	98
83) tert-Butylbenzene	12.99	119	669511	19.459	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	764940	19.778	ug/l	100
85) sec-Butylbenzene	13.17	105	910119	19.421	ug/l	99
86) p-Isopropyltoluene	13.29	119	780310	19.550	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	415331	19.852	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	409561	19.874	ug/l	99
89) n-Butylbenzene	13.62	91	650190	19.587	ug/l	100
90) Hexachloroethane	13.88	117	127543	18.872	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	402031	20.113	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	33408	21.220	ug/l	97

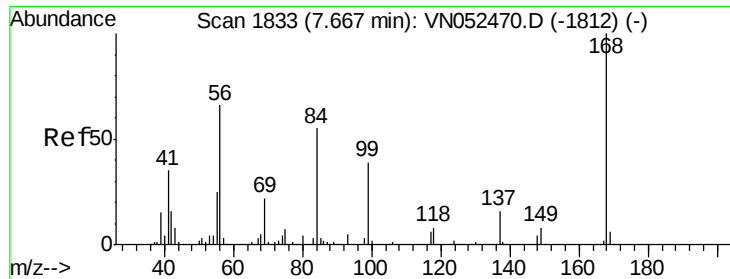
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
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QLast Update : Mon Dec 03 03:24:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	223526	22.088	ug/l	100
94) Hexachlorobutadiene	15.01	225	126001	19.594	ug/l	99
95) Naphthalene	15.13	128	483436	22.820	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	208366	22.295	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

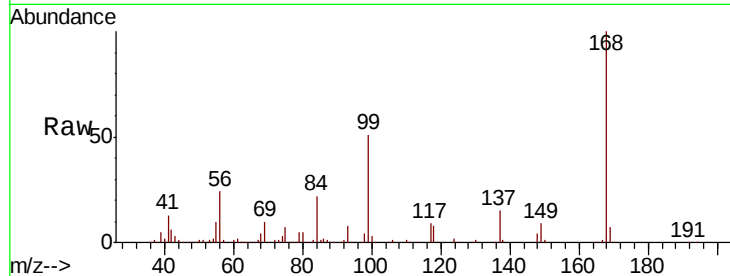
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

Tot Ion:168 Resp: 963496

Ion Ratio Lower Upper

168 100

99 51.0 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

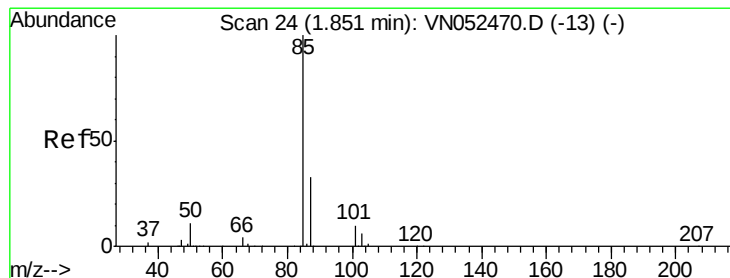
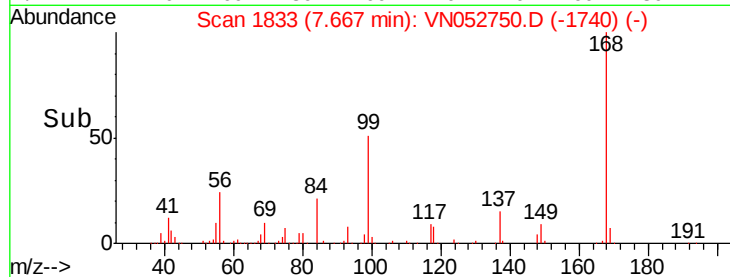
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.651 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052750.D

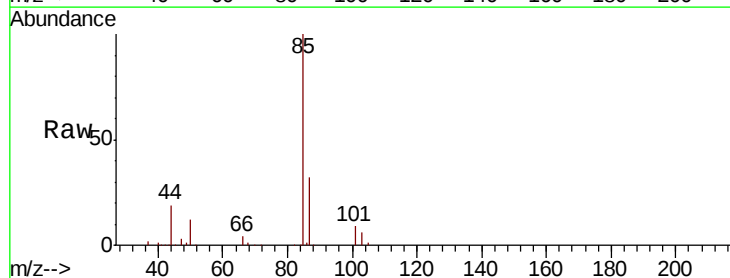
Acq: 10 Dec 2018 13:50

Tgt Ion: 85 Resp: 150214

Ion Ratio Lower Upper

85 100

87 32.1 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

120000

100000

80000

60000

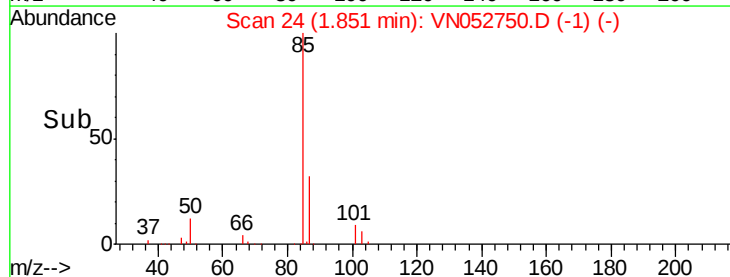
40000

20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 16.423 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

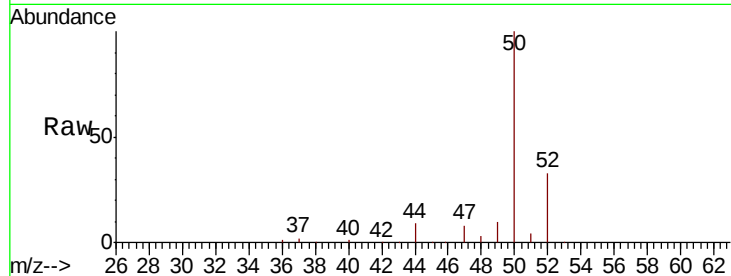
VN1210WBSD02

Tot Ion: 50 Resp: 195573

Ion Ratio Lower Upper

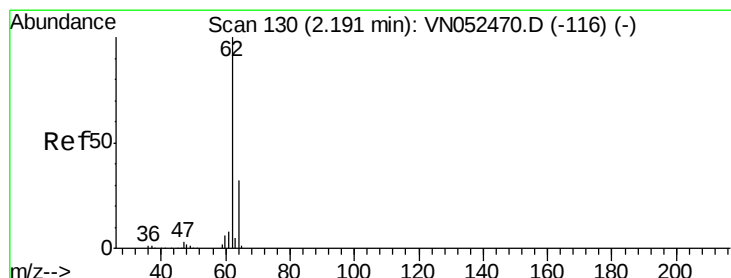
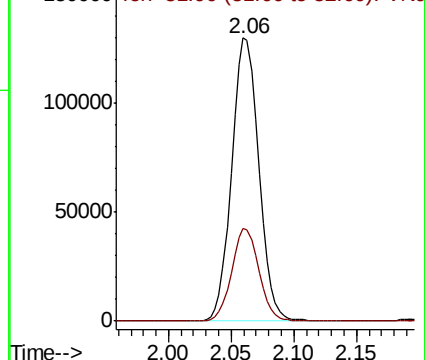
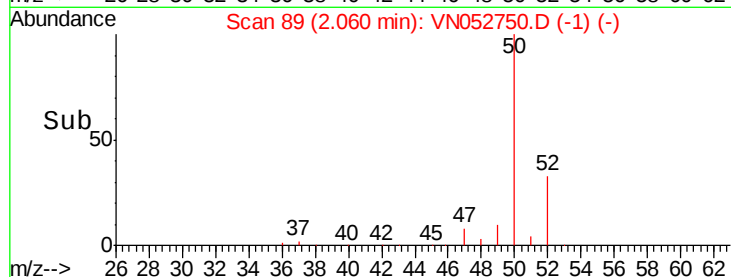
50 100

52 32.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN052750.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN052750.D (-1) (-)



#4

Vinyl Chloride

Concen: 16.895 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052750.D

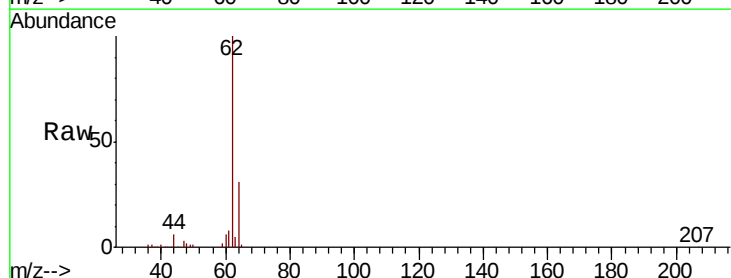
Acq: 10 Dec 2018 13:50

Tgt Ion: 62 Resp: 206676

Ion Ratio Lower Upper

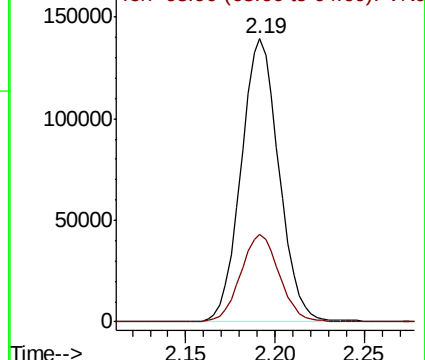
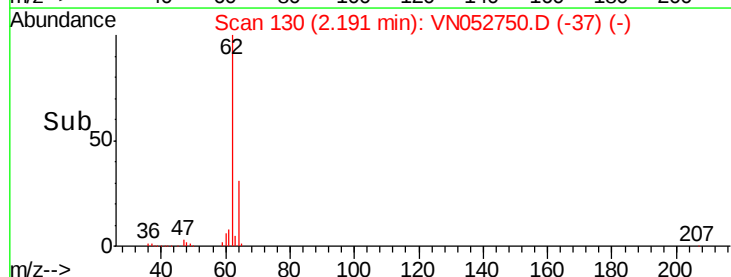
62 100

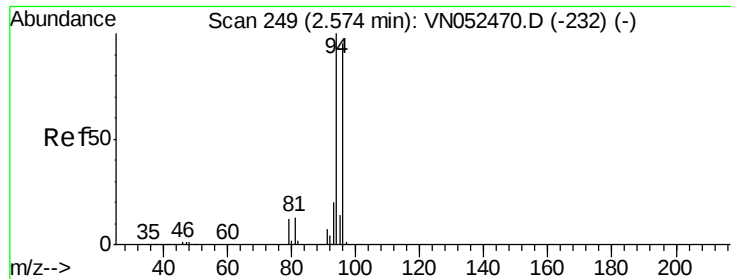
64 30.8 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN052750.D (-37) (-)

Ion 63.90 (63.60 to 64.60): VN052750.D (-37) (-)





#5

Bromomethane

Concen: 15.281 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

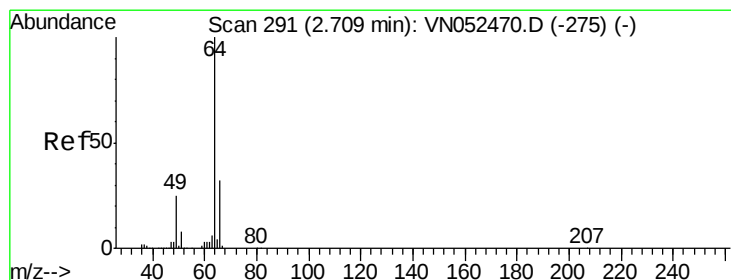
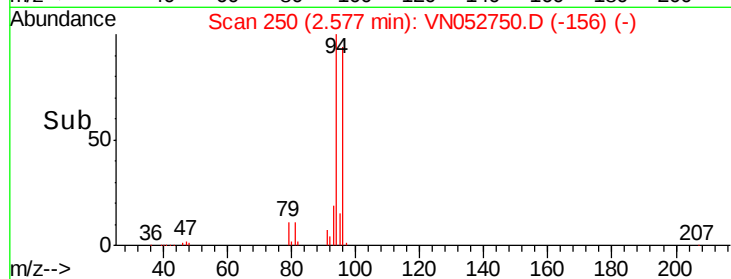
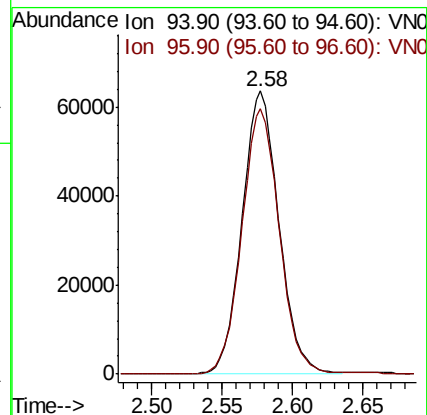
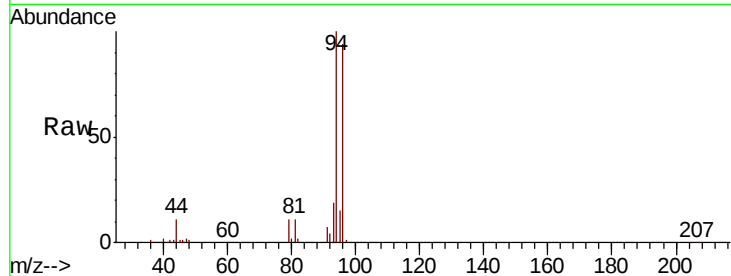
VN1210WBSD02

Tot Ion: 94 Resp: 116638

Ion Ratio Lower Upper

94 100

96 93.6 75.8 113.8



#6

Chloroethane

Concen: 17.291 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052750.D

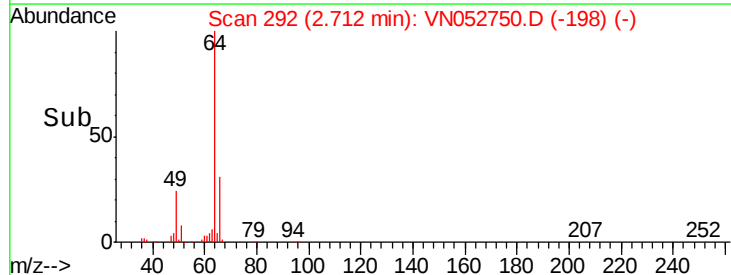
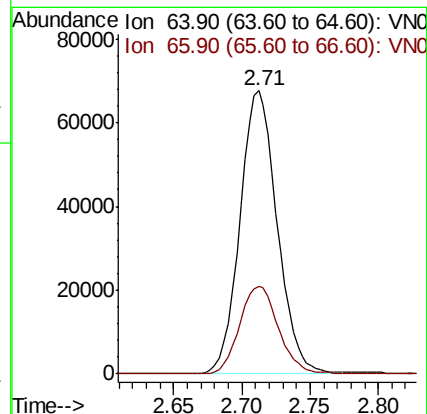
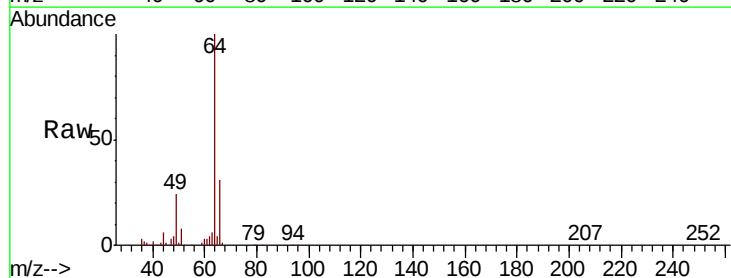
Acq: 10 Dec 2018 13:50

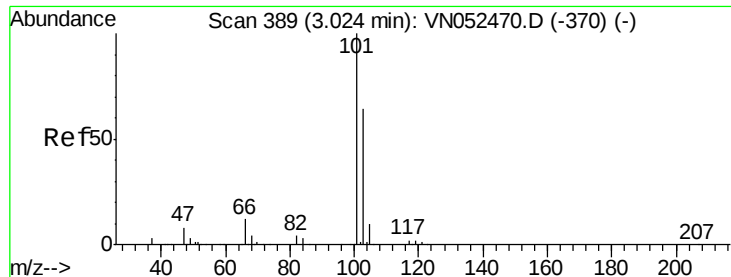
Tgt Ion: 64 Resp: 128122

Ion Ratio Lower Upper

64 100

66 31.0 25.7 38.5



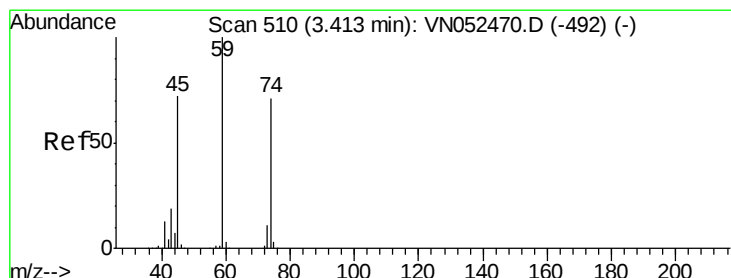
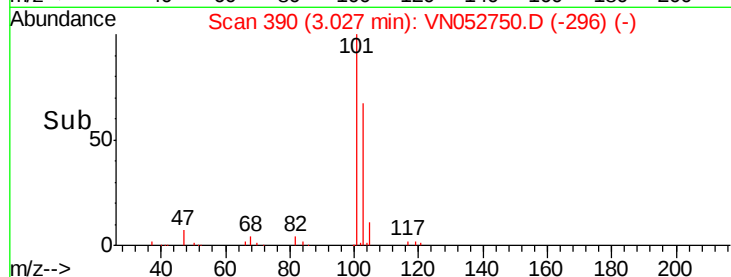
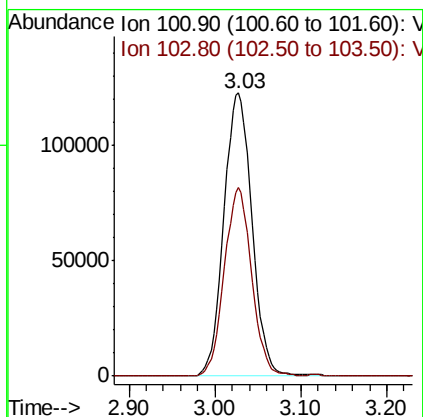
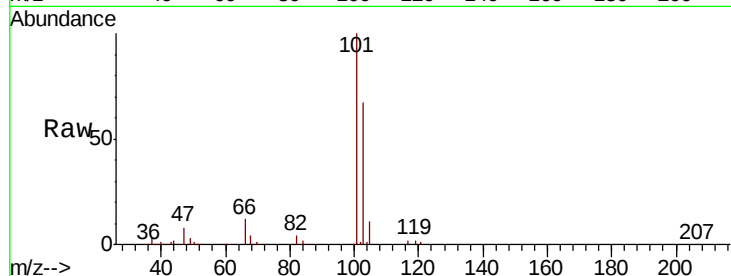


#7

Trichlorofluoromethane
 Concen: 18.592 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Instrument :
 MSVOA_N
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 VN1210WBSD02

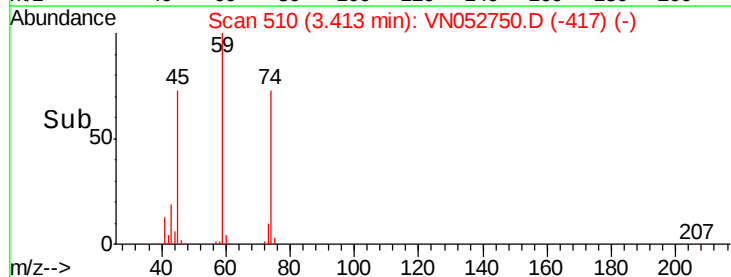
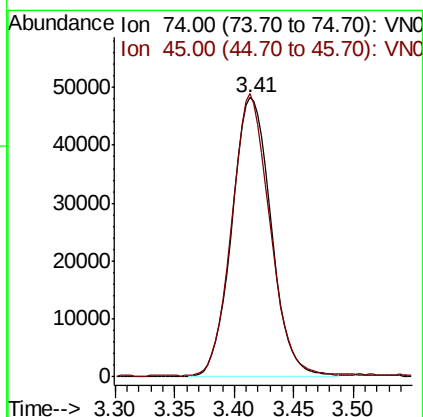
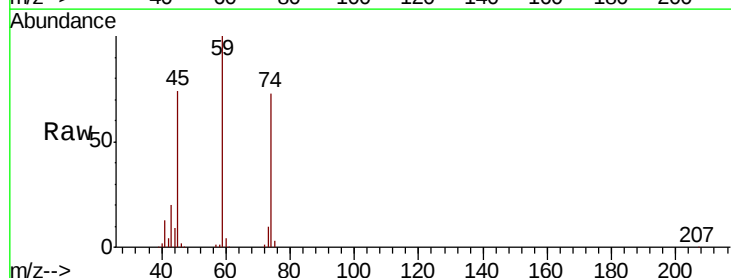
Tot Ion:101 Resp: 279374
 Ion Ratio Lower Upper
 101 100
 103 66.9 51.4 77.2



#8

Diethyl Ether
 Concen: 19.879 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion: 74 Resp: 110308
 Ion Ratio Lower Upper
 74 100
 45 97.9 50.4 151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.703 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

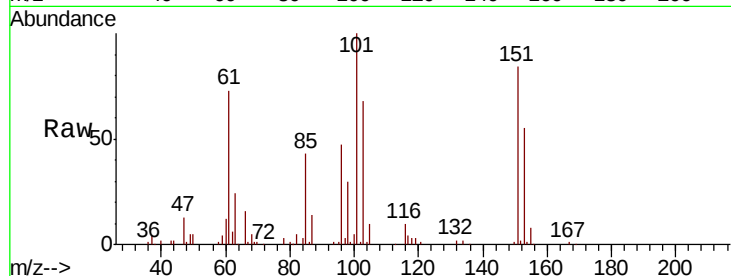
Tot Ion:101 Resp: 175368

Ion Ratio Lower Upper

101 100

85 41.2 34.2 51.4

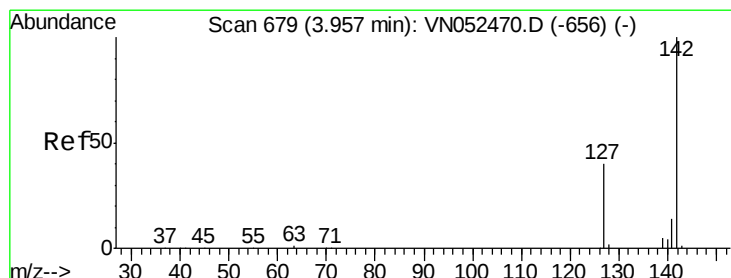
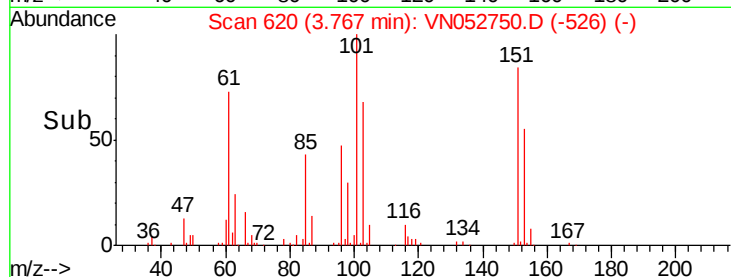
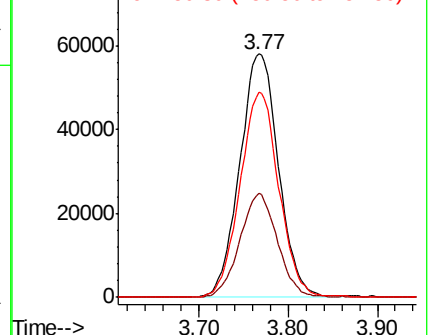
151 84.2 64.6 96.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.427 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

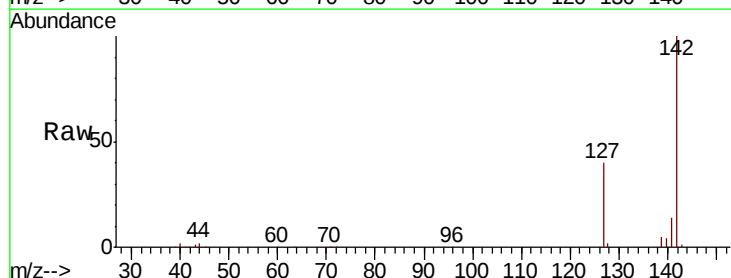
Tgt Ion:142 Resp: 192655

Ion Ratio Lower Upper

142 100

127 38.8 31.8 47.6

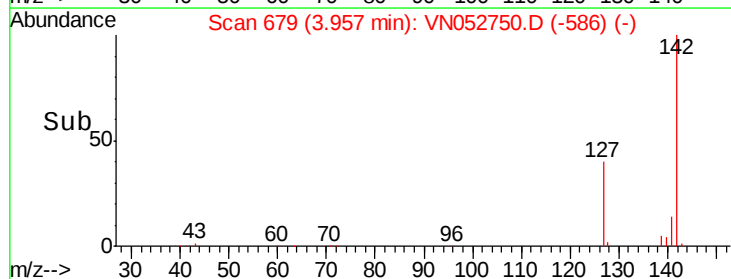
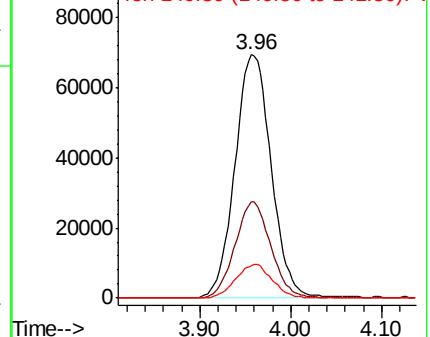
141 13.9 11.4 17.0

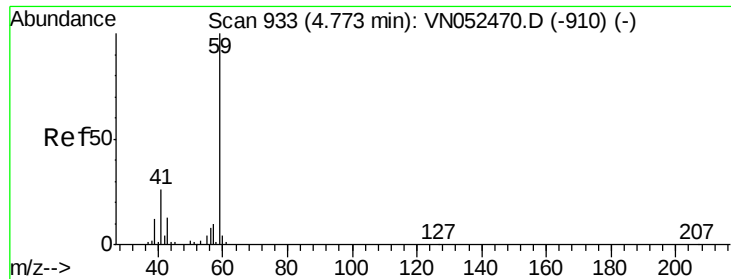


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



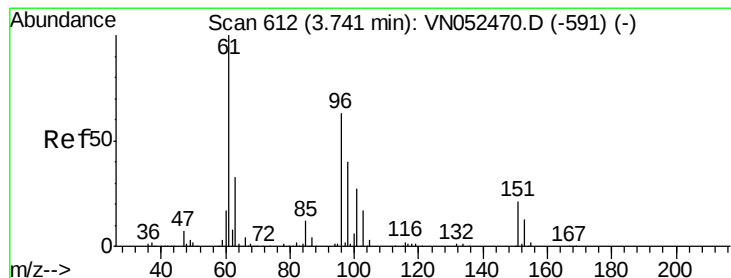
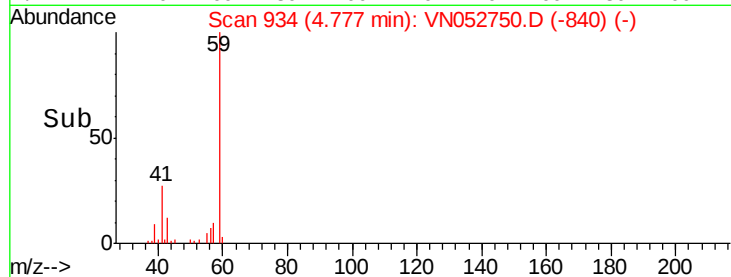
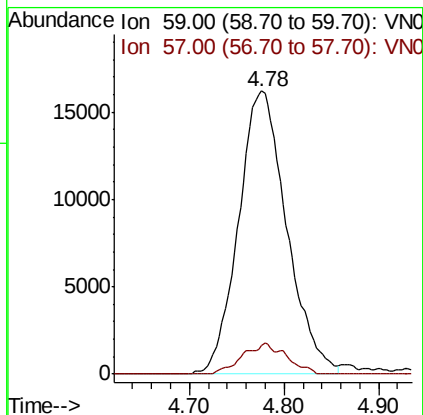
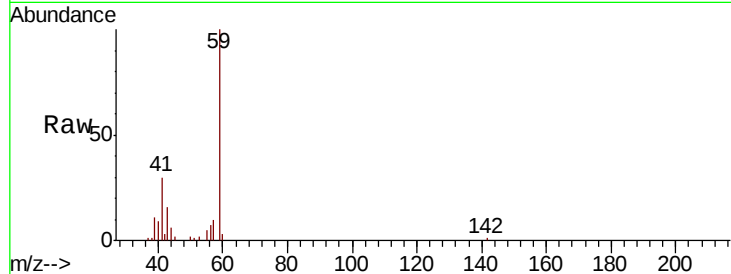


#11

Tert butyl alcohol
 Concen: 109.097 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

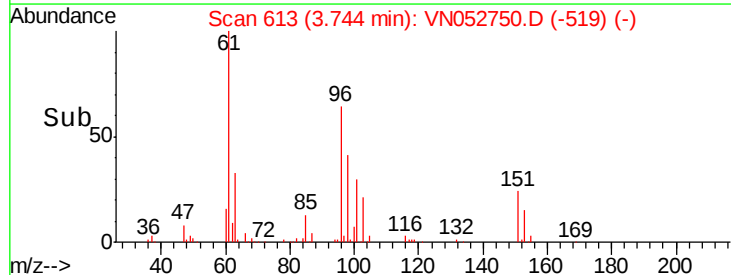
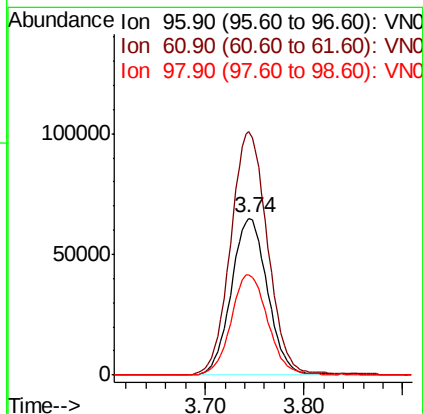
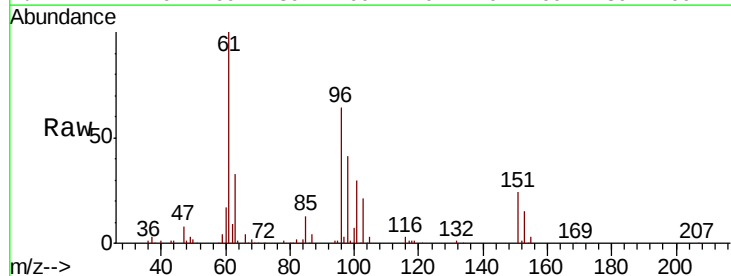
Tot Ion: 59 Resp: 57297
 Ion Ratio Lower Upper
 59 100
 57 7.3 7.9 11.9#

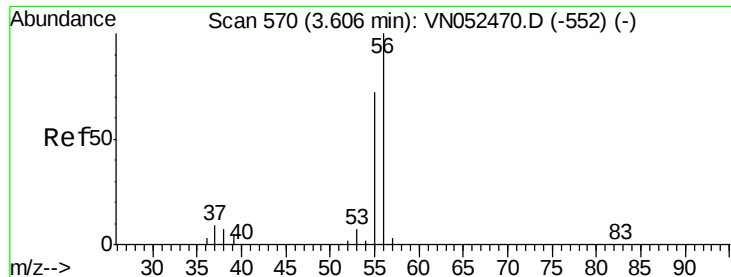


#12

1,1-Dichloroethene
 Concen: 18.404 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion: 96 Resp: 166100
 Ion Ratio Lower Upper
 96 100
 61 155.2 127.0 190.6
 98 63.8 50.3 75.5





#13

Acrolein

Concen: 18.480 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

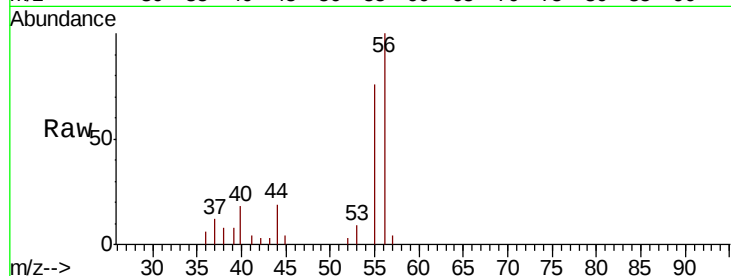
VN1210WBSD02

Tot Ion: 56 Resp: 16868

Ion Ratio Lower Upper

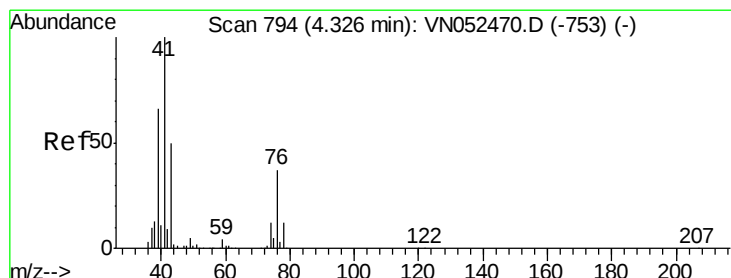
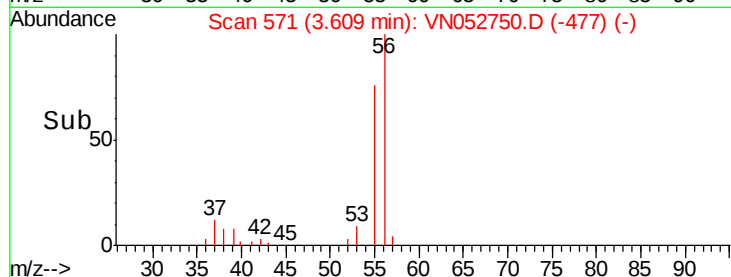
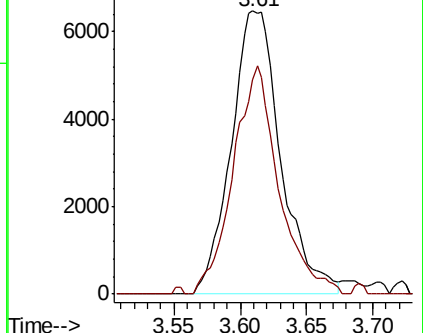
56 100

55 74.1 56.8 85.2



Abundance Ion 56.00 (55.70 to 56.70): VN052750.D (-477) (-)

Ion 55.00 (54.70 to 55.70): VN052750.D (-477) (-)



#14

Allyl chloride

Concen: 18.543 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

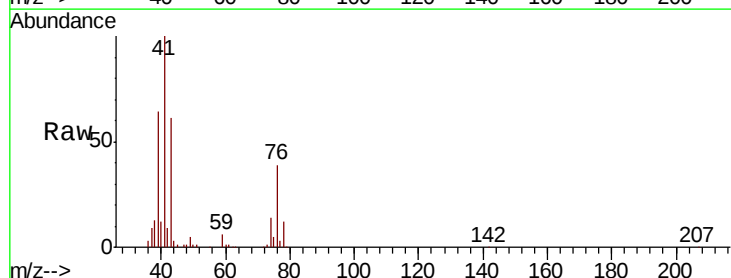
Tgt Ion: 41 Resp: 288447

Ion Ratio Lower Upper

41 100

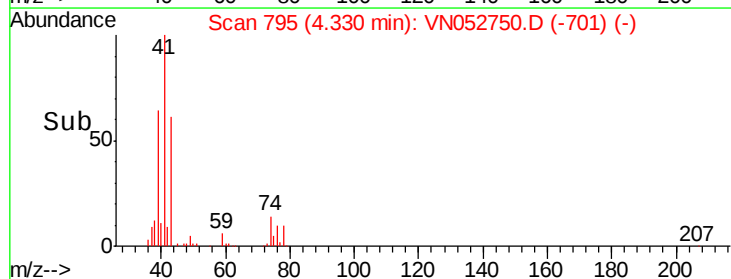
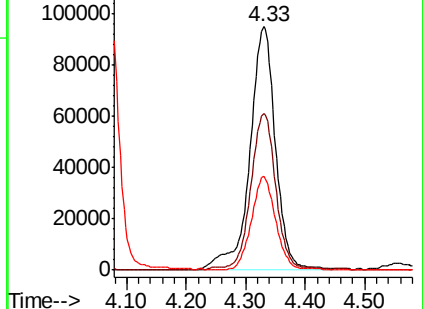
39 61.1 50.6 76.0

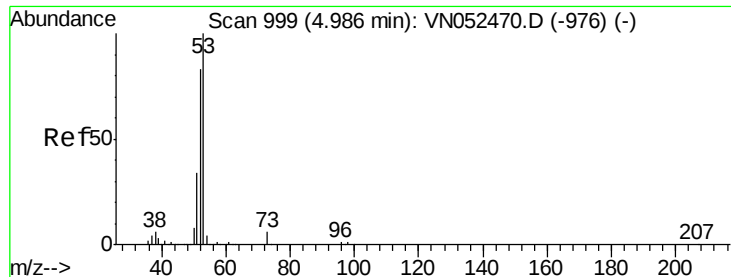
76 35.6 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VN052750.D (-701) (-)

Ion 39.00 (38.70 to 39.70): VN052750.D (-701) (-)





#15

Acrylonitrile

Concen: 100.605 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

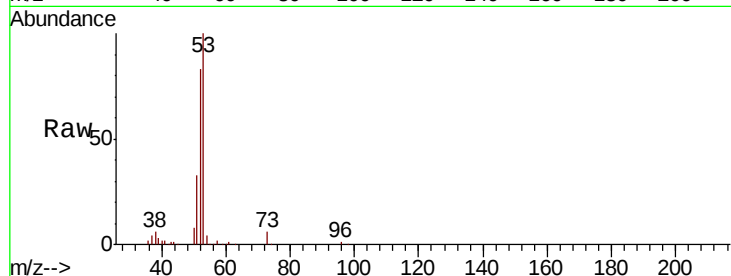
Tot Ion: 53 Resp: 334465

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.2

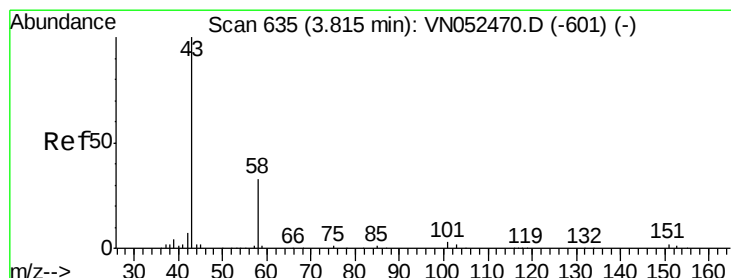
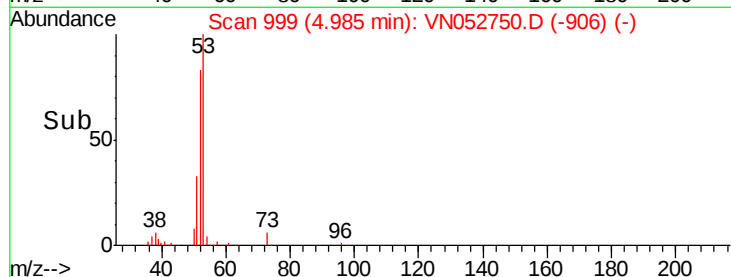
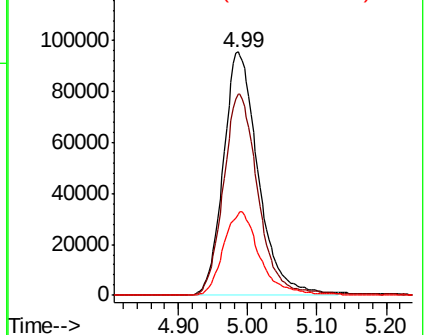
51 35.7 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN052750.D (-542) (-)

Ion 52.00 (51.70 to 52.70): VN052750.D (-542) (-)

Ion 51.00 (50.70 to 51.70): VN052750.D (-542) (-)



#16

Acetone

Concen: 87.285 ug/l

RT: 3.82 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052750.D

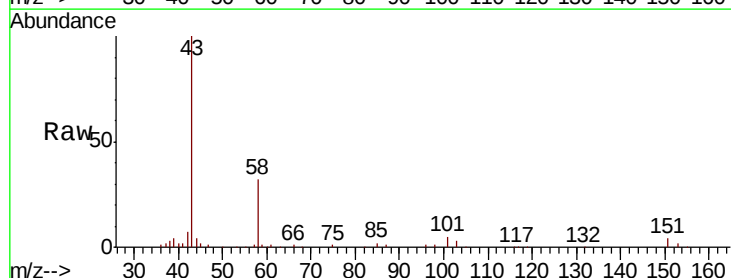
Acq: 10 Dec 2018 13:50

Tgt Ion: 43 Resp: 241519

Ion Ratio Lower Upper

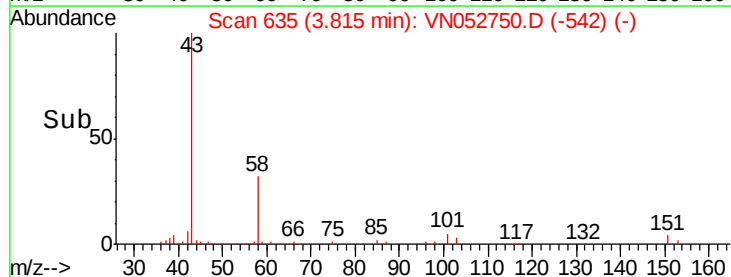
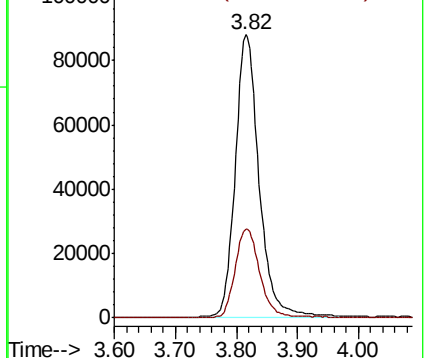
43 100

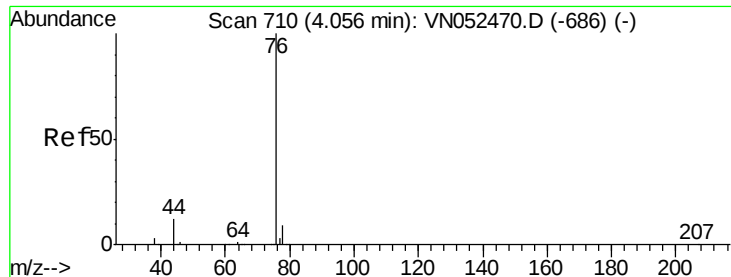
58 31.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052750.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052750.D (-542) (-)

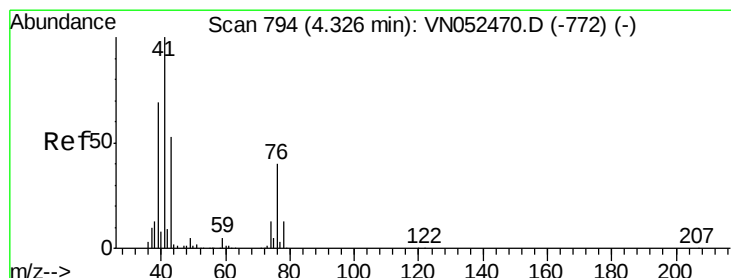
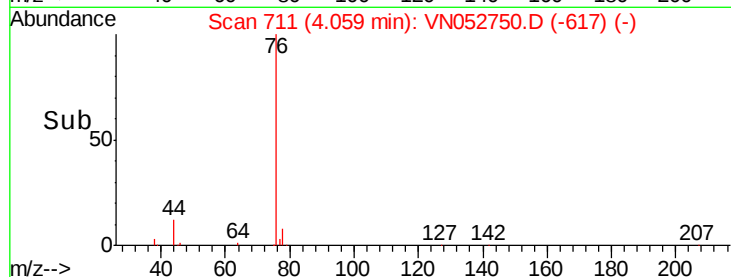
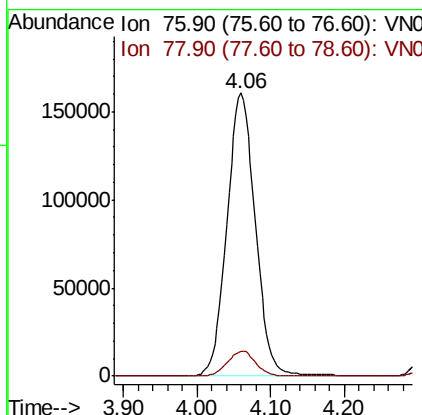
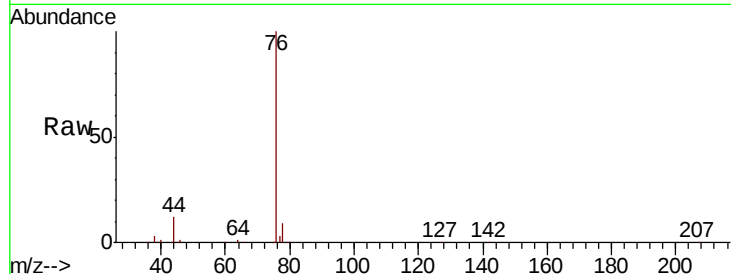




#17
Carbon Disulfide
Concen: 15.152 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

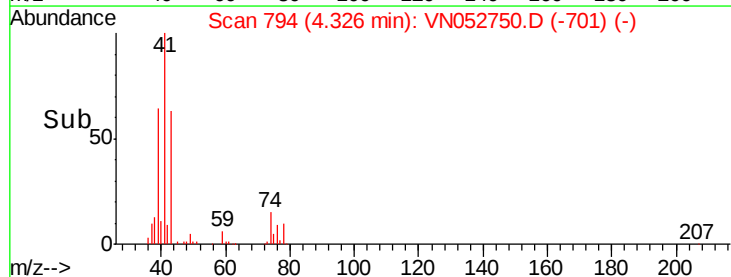
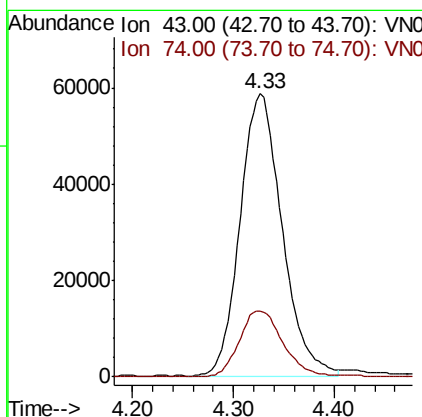
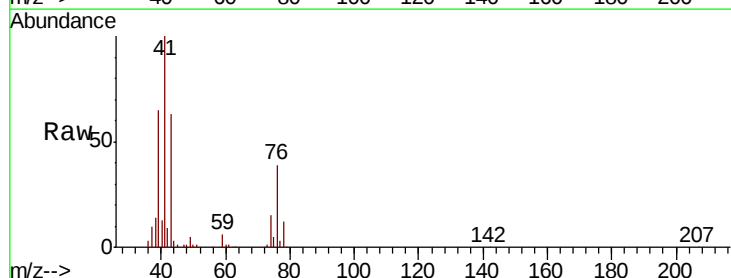
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

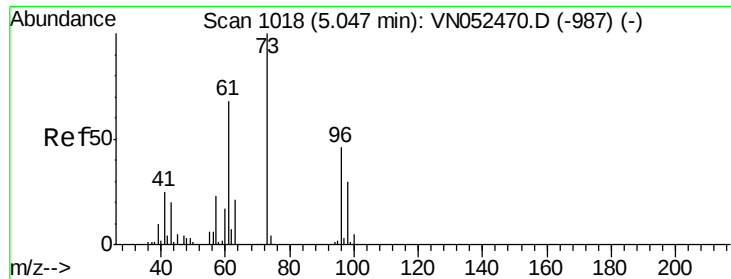
Tot Ion: 76 Resp: 430361
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 21.341 ug/l
RT: 4.33 min Scan# 794
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Tgt Ion: 43 Resp: 169386
Ion Ratio Lower Upper
43 100
74 24.4 18.6 27.8

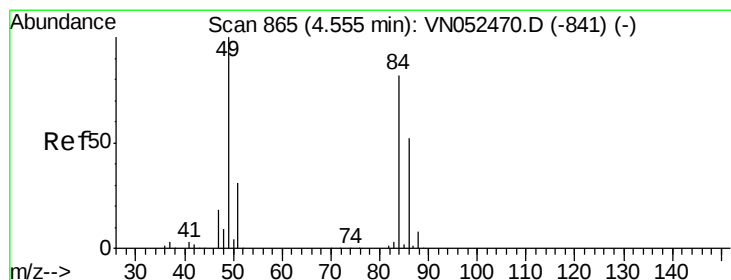
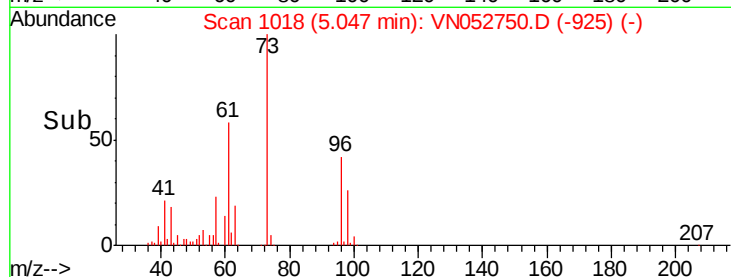
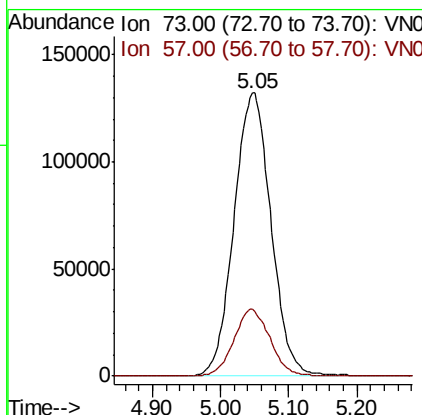
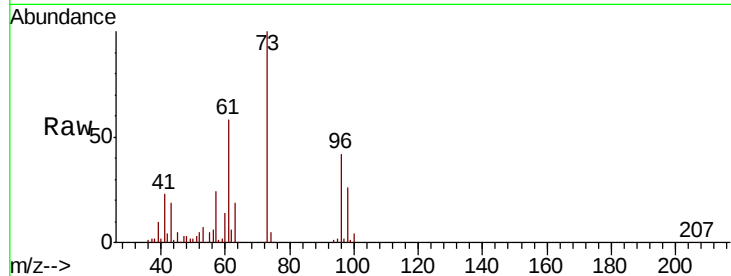




#19
Methvl tert-butvl Ether
Concen: 20.704 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

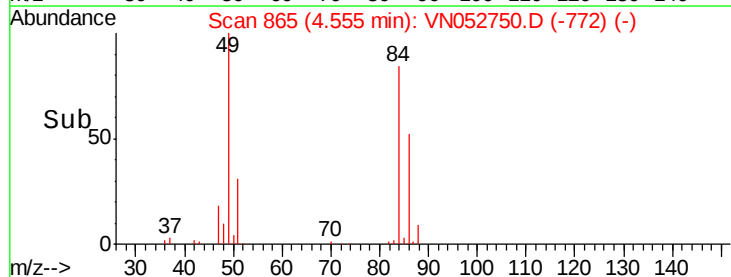
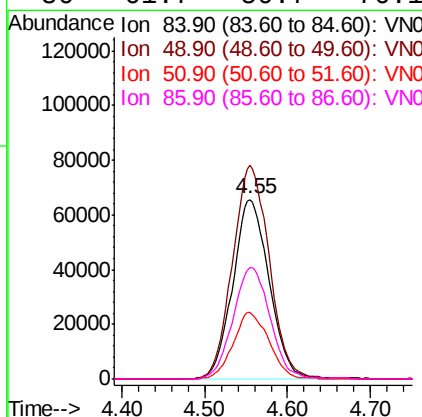
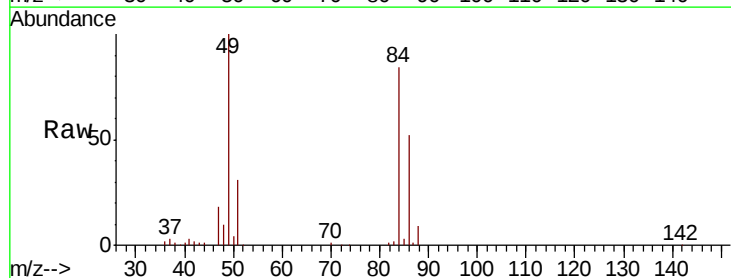
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

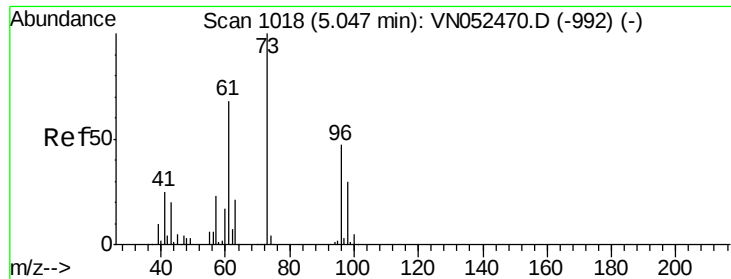
Tot Ion: 73 Resp: 497178
Ion Ratio Lower Upper
73 100
57 23.6 18.2 27.2



#20
Methylene Chloride
Concen: 18.539 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Tgt Ion: 84 Resp: 200740
Ion Ratio Lower Upper
84 100
49 118.9 98.0 147.0
51 36.7 30.1 45.1
86 61.7 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 18.499 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

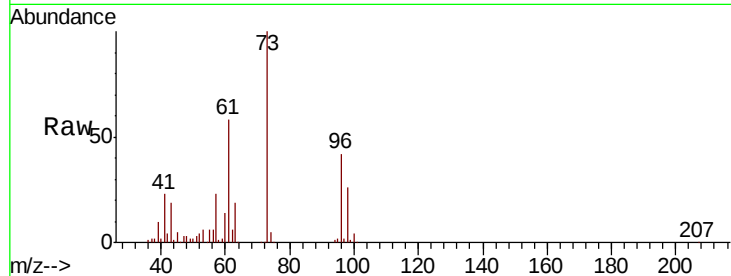
Tot Ion: 96 Resp: 178314

Ion Ratio Lower Upper

96 100

61 138.1 117.0 175.4

98 61.3 51.8 77.6

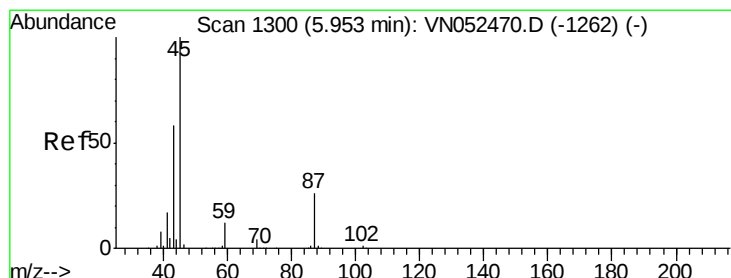
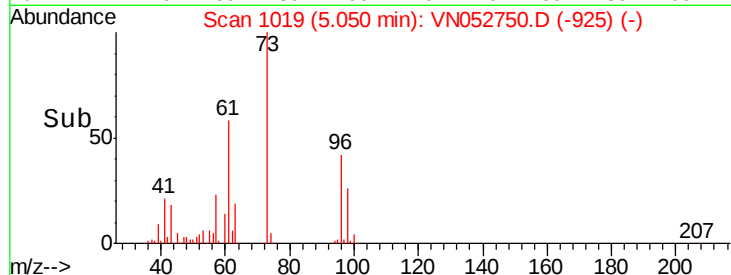
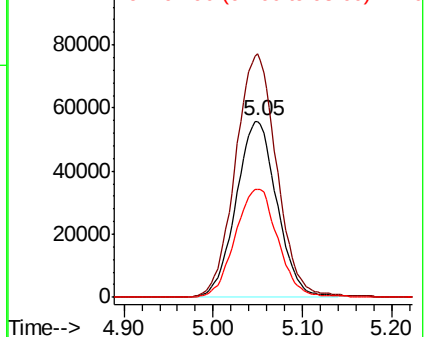


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 19.393 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Tgt Ion: 45 Resp: 633654

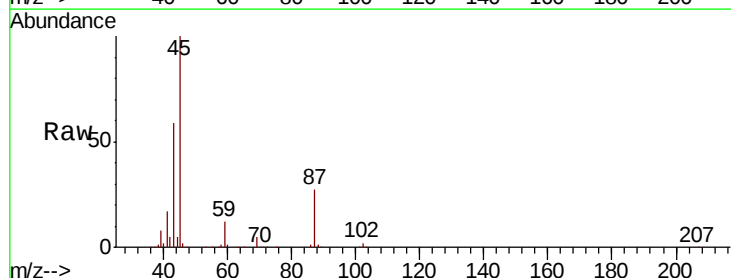
Ion Ratio Lower Upper

45 100

43 59.1 46.1 69.1

87 27.4 21.3 31.9

59 11.7 9.5 14.3



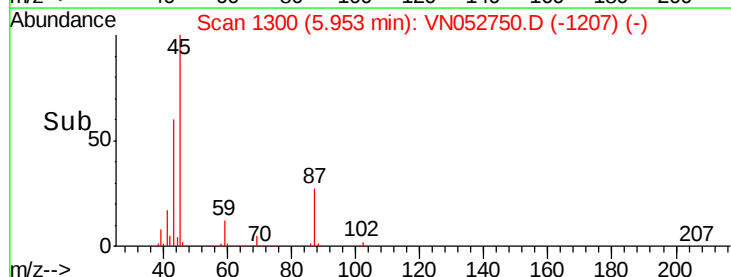
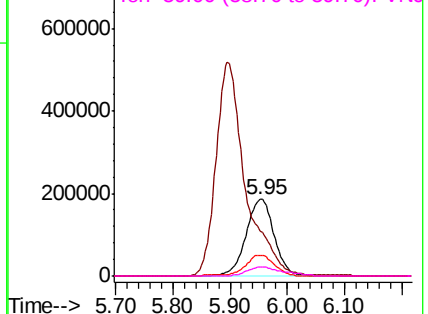
Abundance

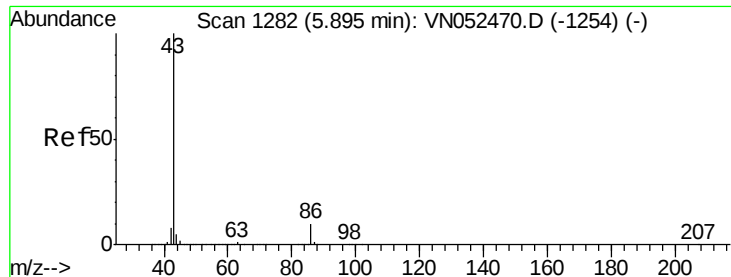
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 91.240 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

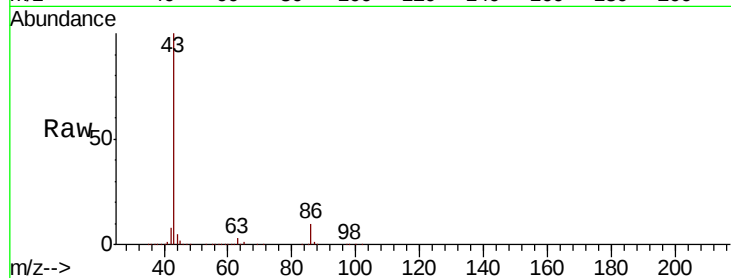
VN1210WBSD02

Tot Ion: 43 Resp: 1856874

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN052750.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN052750.D (-1189) (-)

5.90

600000

500000

400000

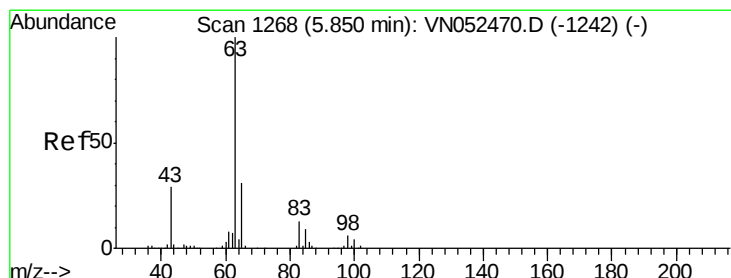
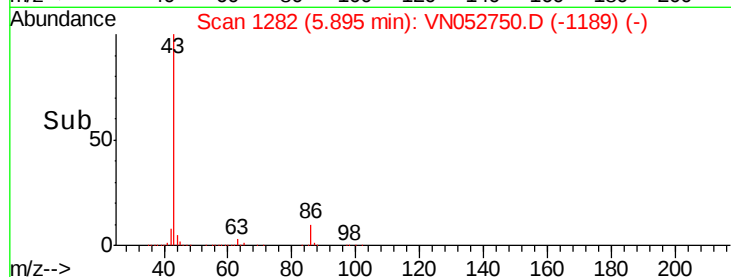
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.107 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

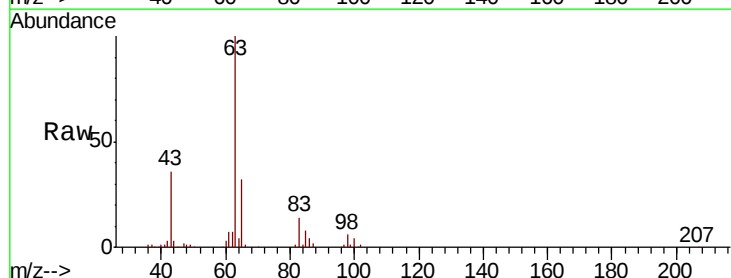
Tgt Ion: 63 Resp: 356463

Ion Ratio Lower Upper

63 100

98 6.1 3.0 9.2

100 4.4 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN052750.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN052750.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN052750.D (-1175) (-)

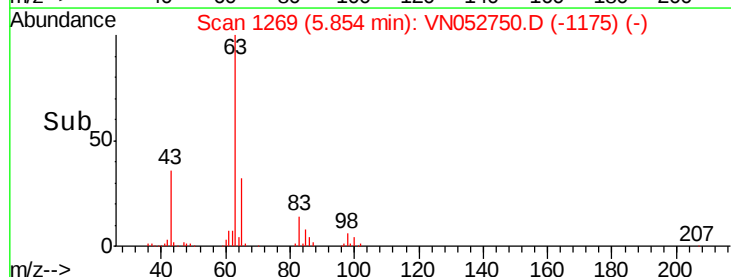
150000

100000

50000

0

Time-->





#25

2-Butanone

Concen: 96.606 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

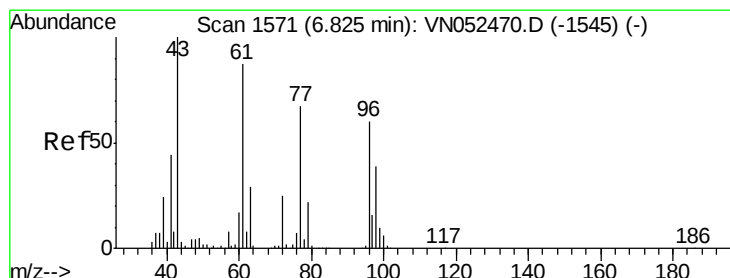
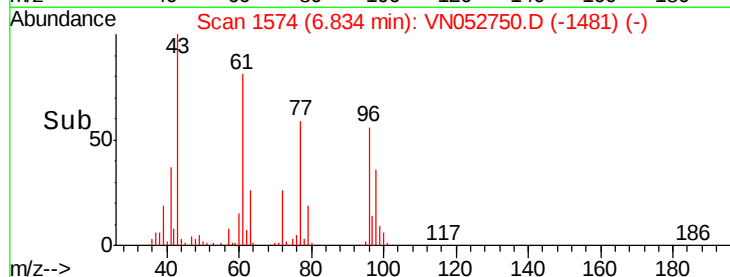
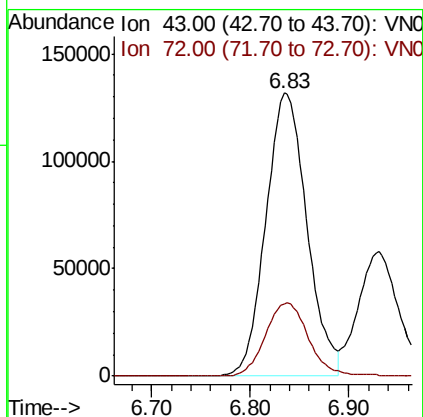
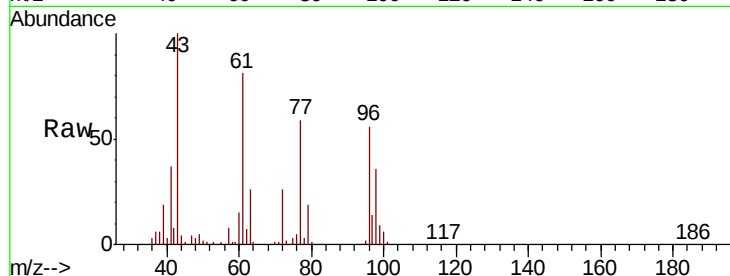
VN1210WBSD02

Tot Ion: 43 Resp: 378887

Ion Ratio Lower Upper

43 100

72 25.6 20.1 30.1



#26

2,2-Dichloropropane

Concen: 19.947 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN052750.D

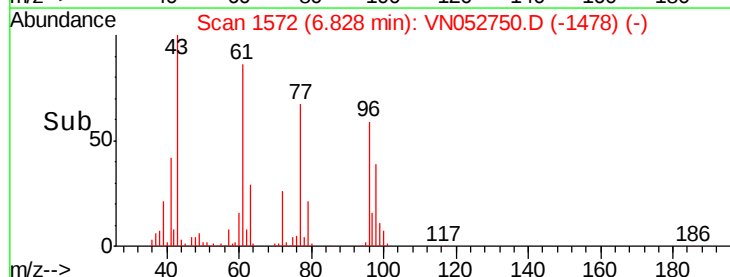
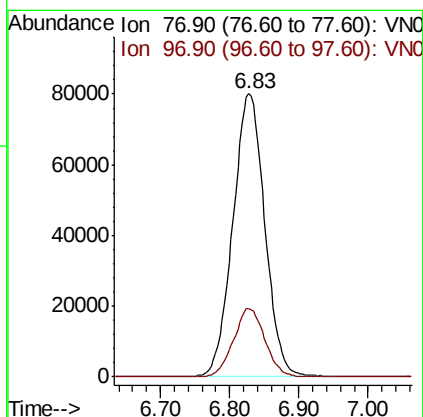
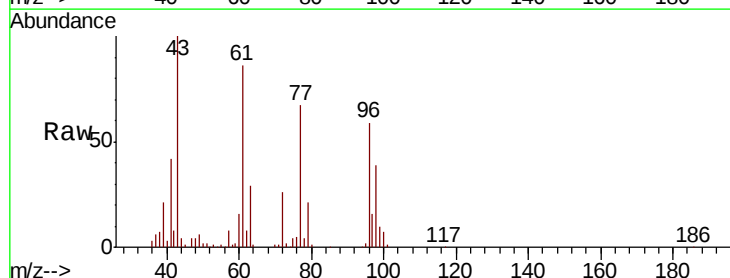
Acq: 10 Dec 2018 13:50

Tgt Ion: 77 Resp: 257573

Ion Ratio Lower Upper

77 100

97 23.7 11.8 35.3

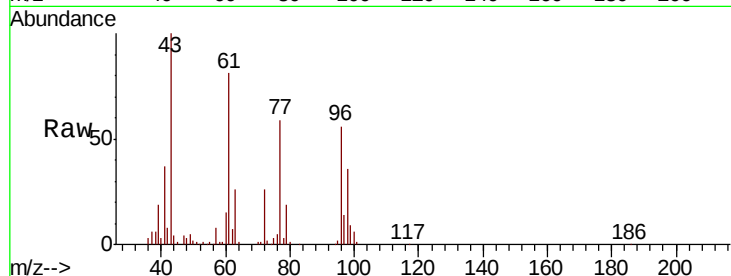




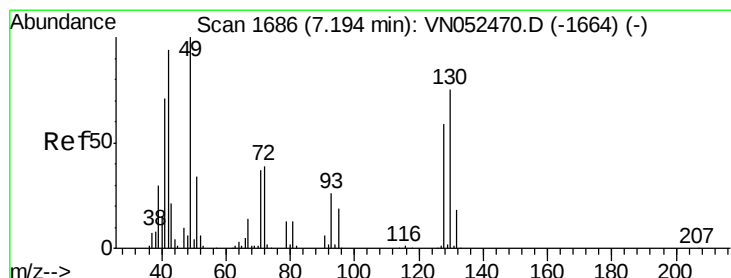
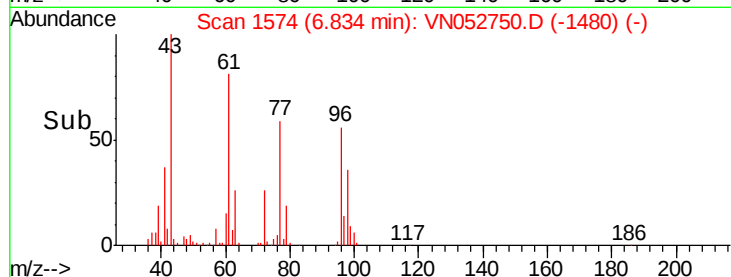
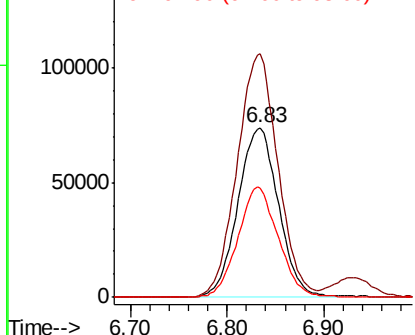
#27
 cis-1,2-Dichloroethene
 Concen: 19.200 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1210WBSD02

Tot Ion: 96 Resp: 215585
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 291.0
 98 64.8 0.0 130.0

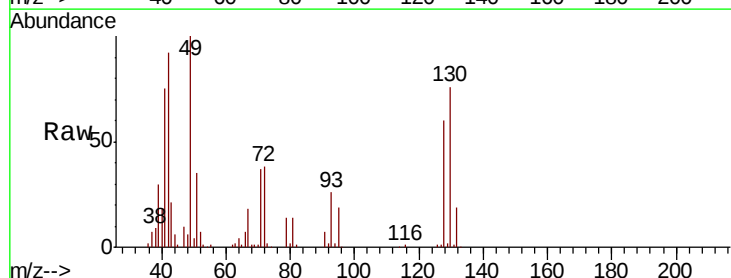


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

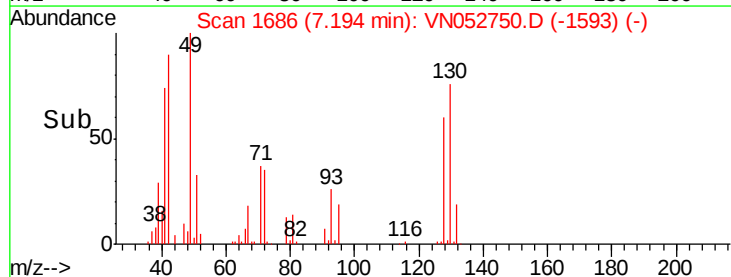
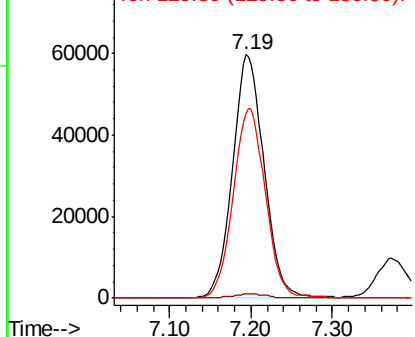


#28
 Bromochloromethane
 Concen: 18.822 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion: 49 Resp: 160386
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 79.4 60.2 90.2



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

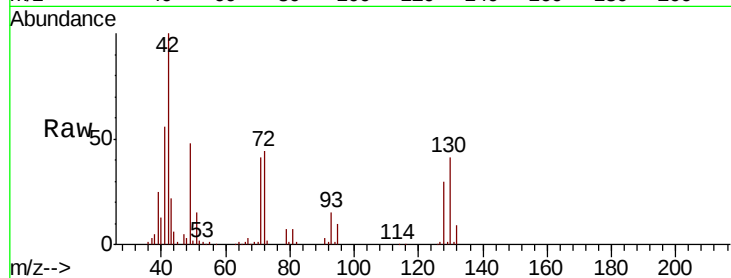




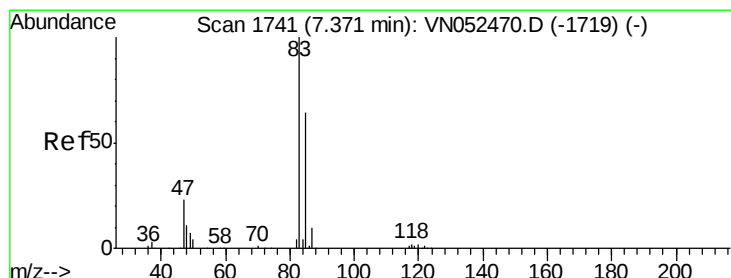
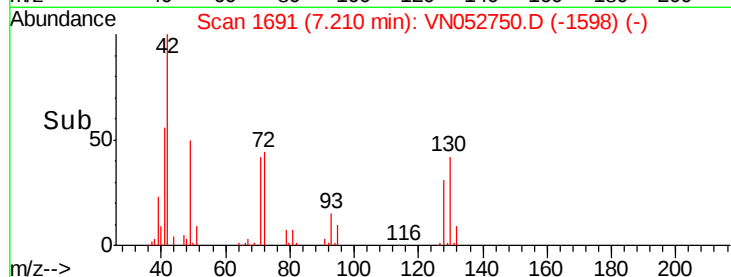
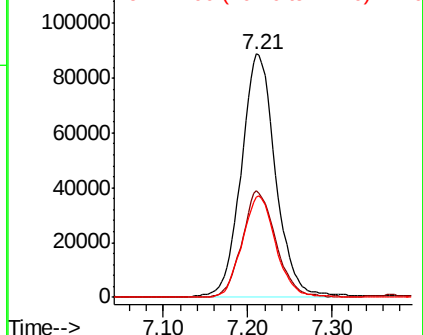
#29
Tetrahydrofuran
Concen: 98.741 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

Tot Ion: 42 Resp: 249782
Ion Ratio Lower Upper
42 100
72 43.4 33.3 49.9
71 41.3 32.0 48.0

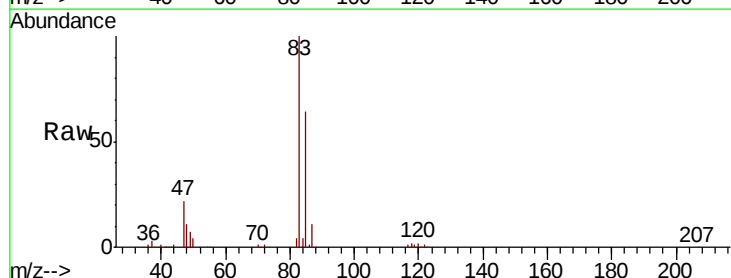


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

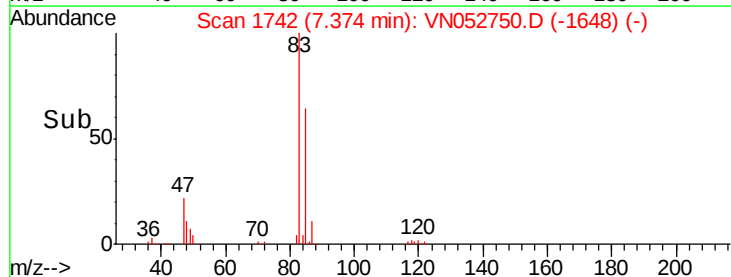
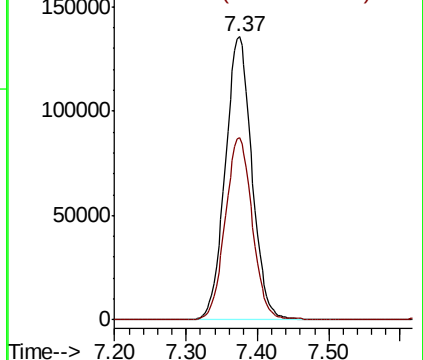


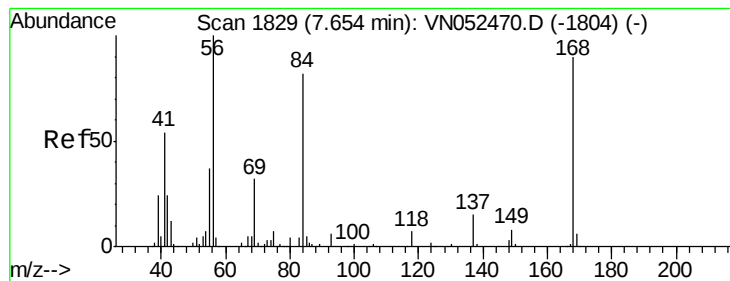
#30
Chloroform
Concen: 18.974 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Tgt Ion: 83 Resp: 353171
Ion Ratio Lower Upper
83 100
85 64.2 51.0 76.4



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





#31

Cyclohexane

Concen: 17.339 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

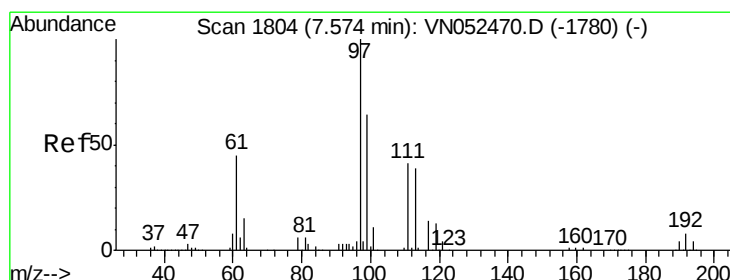
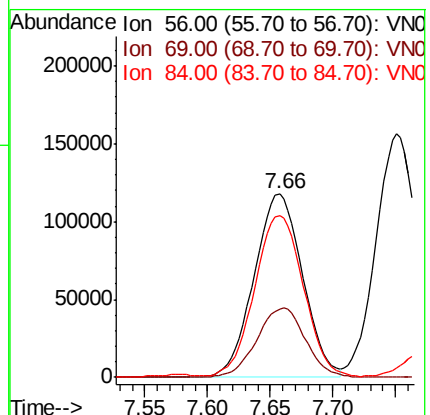
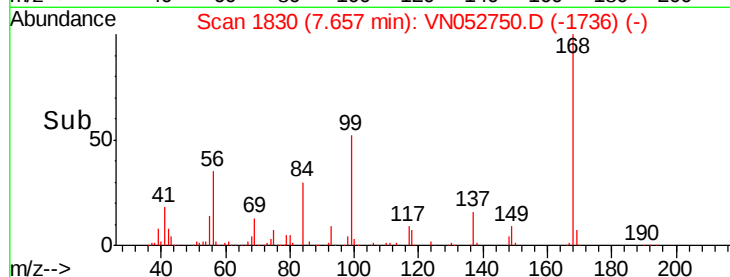
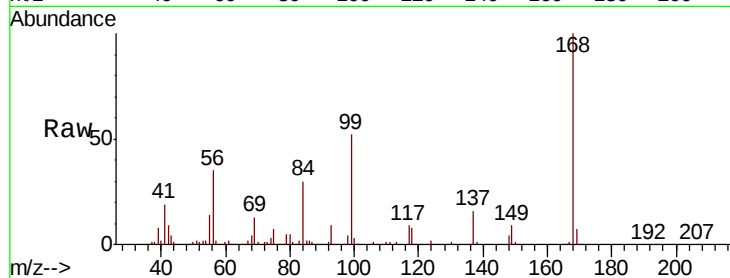
Tot Ion: 56 Resp: 317404

Ion Ratio Lower Upper

56 100

69 37.5 25.8 38.6

84 86.8 65.3 97.9



#32

1,1,1-Trichloroethane

Concen: 19.578 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

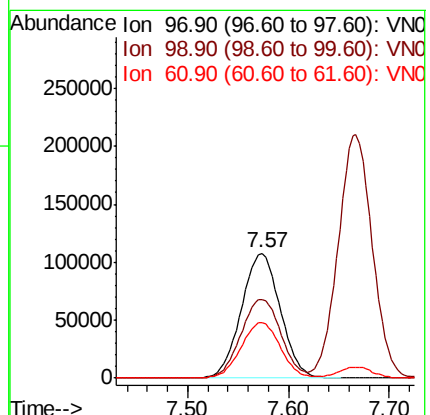
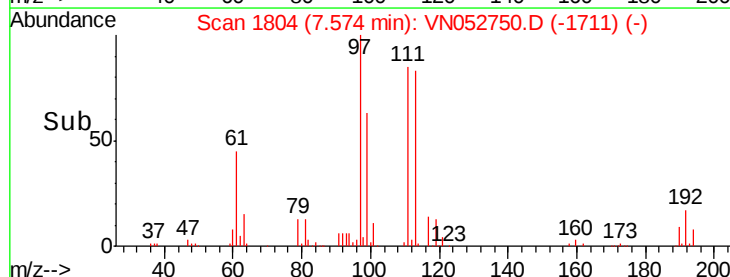
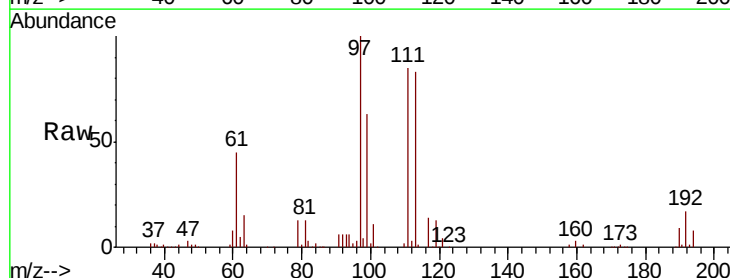
Tgt Ion: 97 Resp: 288717

Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 44.8 36.8 55.2

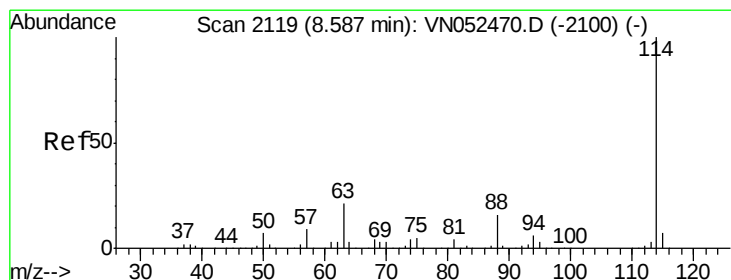
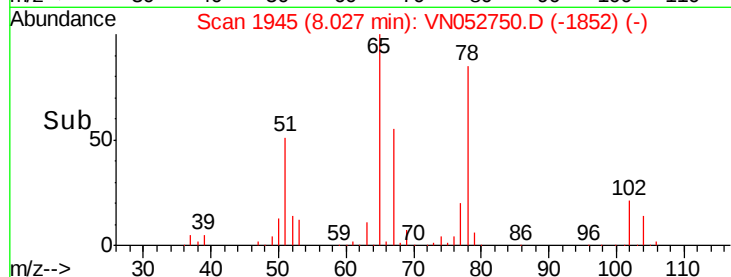
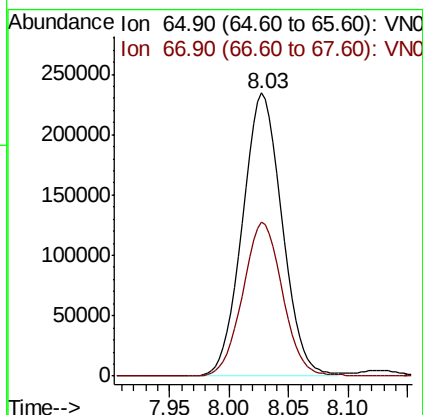
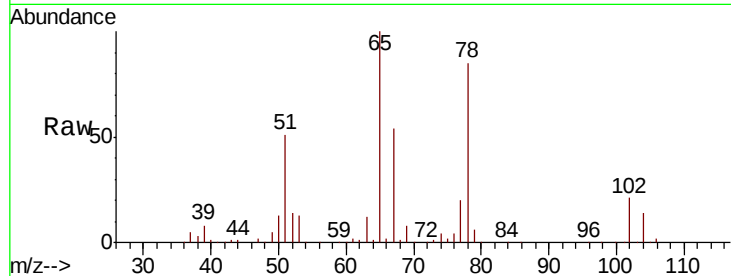




#33
 1,2-Dichloroethane-d4
 Concen: 19.578 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

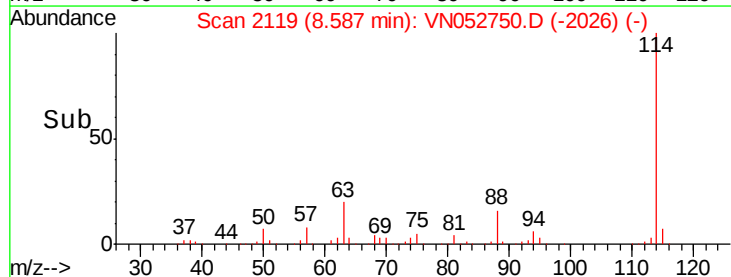
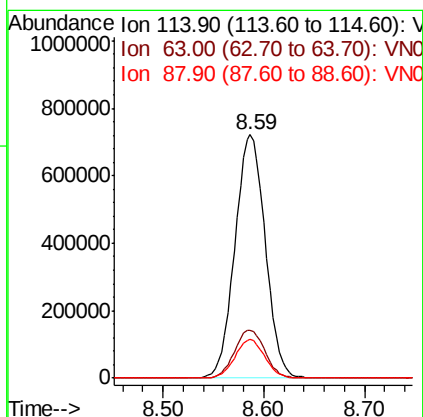
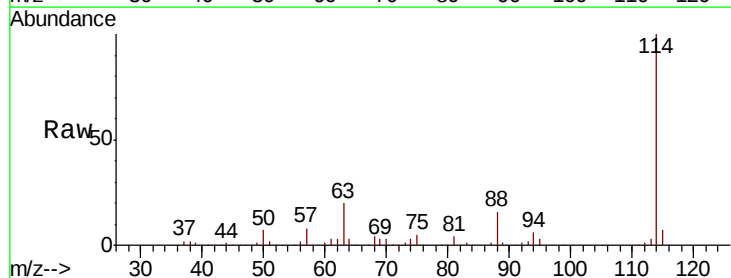
Instrument :
 MSVOA_N
 ClientSampleID :
 VN1210WBSD02

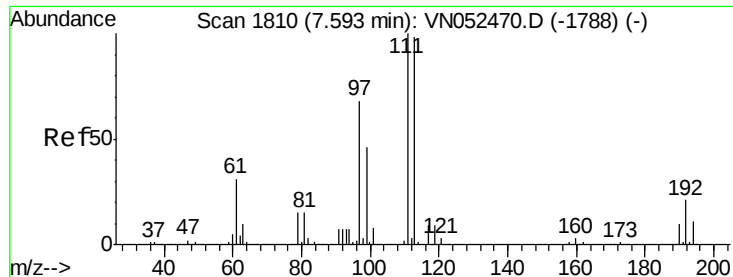
Tot Ion: 65 Resp: 542538
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion: 114 Resp: 1501598
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.8
 88 15.8 0.0 31.6

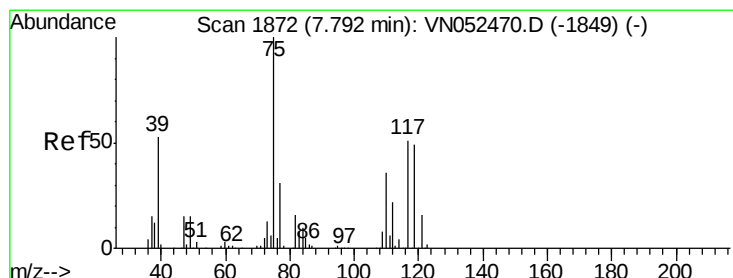
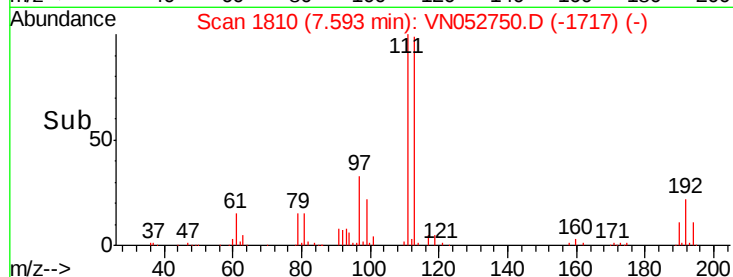
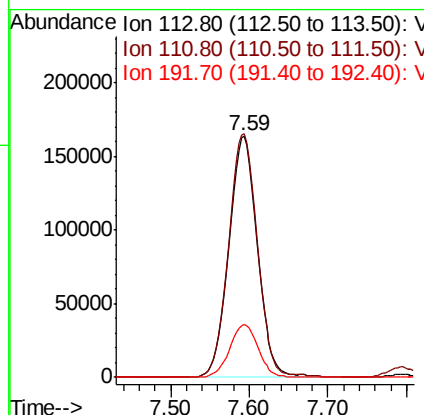
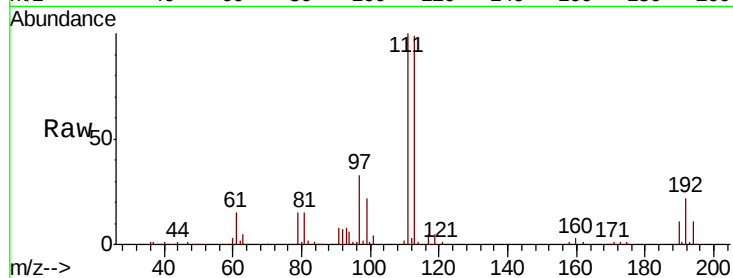




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

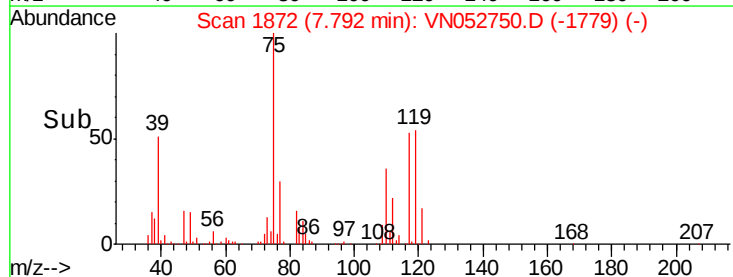
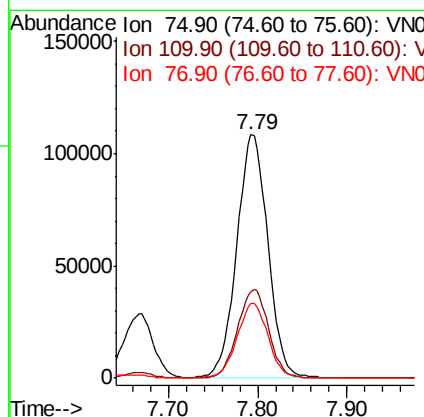
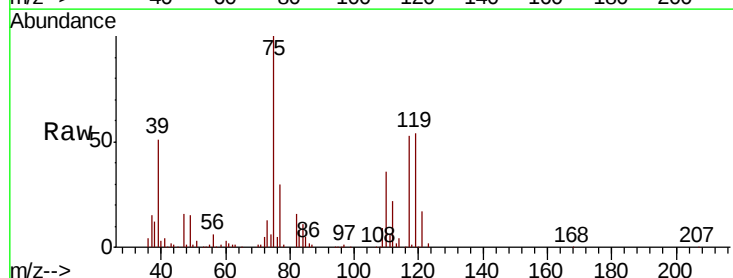
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

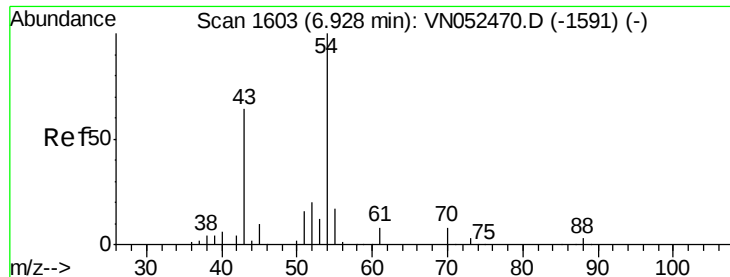
Tot Ion:113 Resp: 411480
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.0 123.0
 192 22.0 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 18.462 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion: 75 Resp: 261793
 Ion Ratio Lower Upper
 75 100
 110 36.6 17.5 52.6
 77 30.9 24.5 36.7

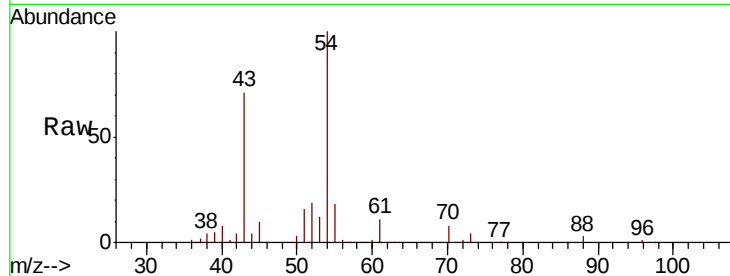




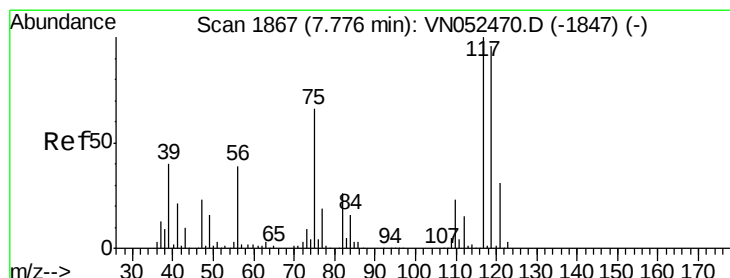
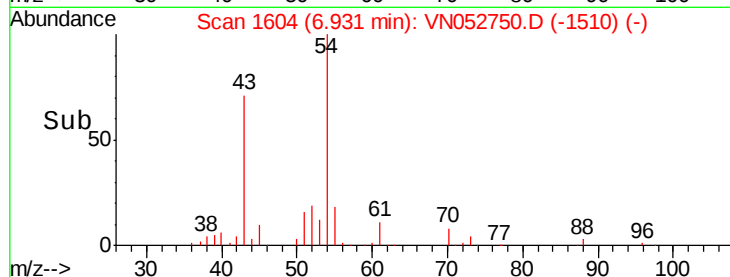
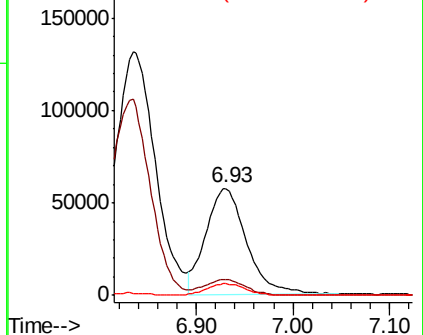
#37
Ethyl Acetate
Concen: 19.214 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

Tot Ion: 43 Resp: 166278
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.8
70 9.9 7.8 11.8

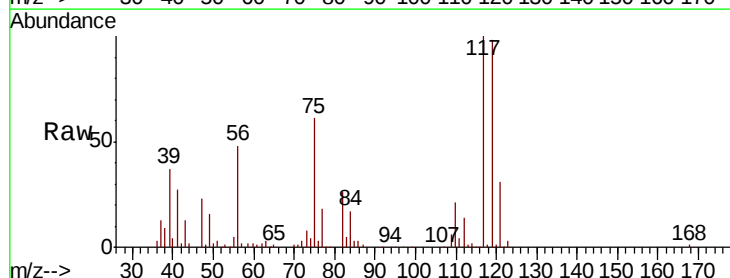


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

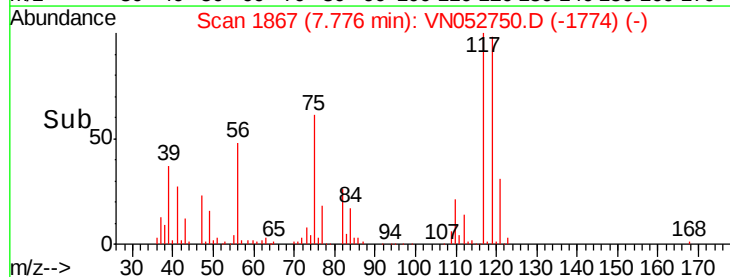
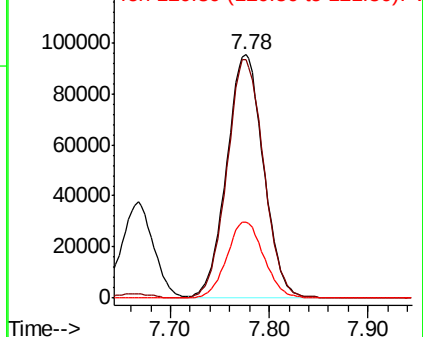


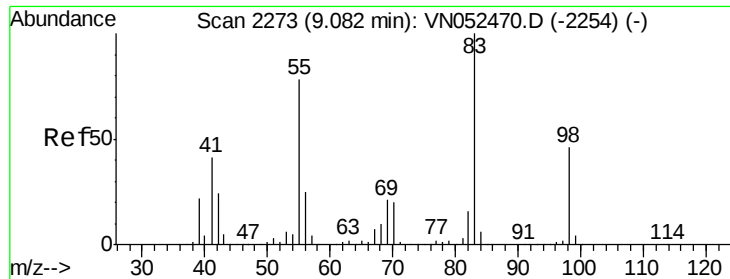
#38
Carbon Tetrachloride
Concen: 19.253 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Tgt Ion: 117 Resp: 247142
Ion Ratio Lower Upper
117 100
119 97.9 76.8 115.2
121 31.4 24.9 37.3



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

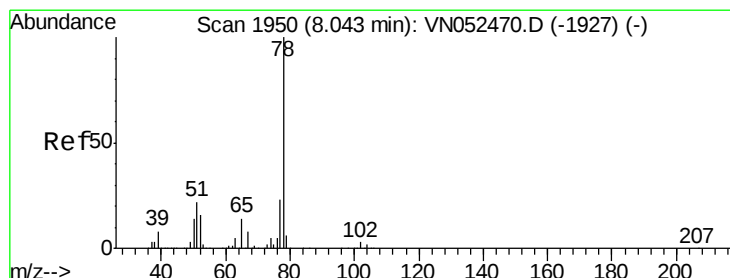
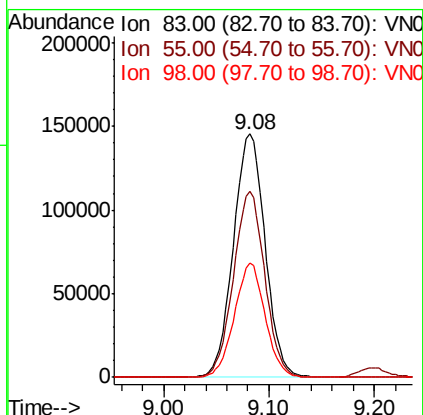
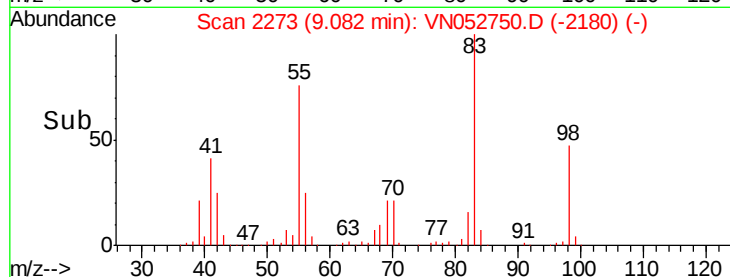
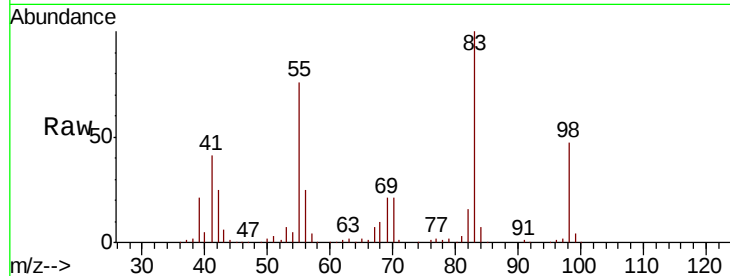




#39
Methvlcvclohexane
Concen: 17.648 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

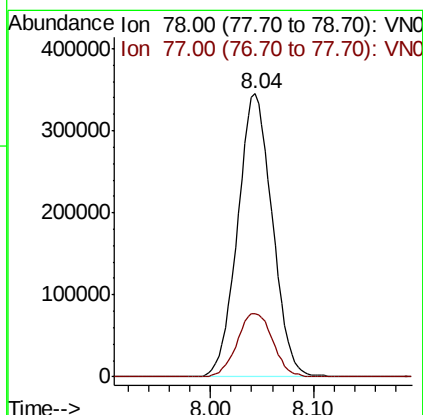
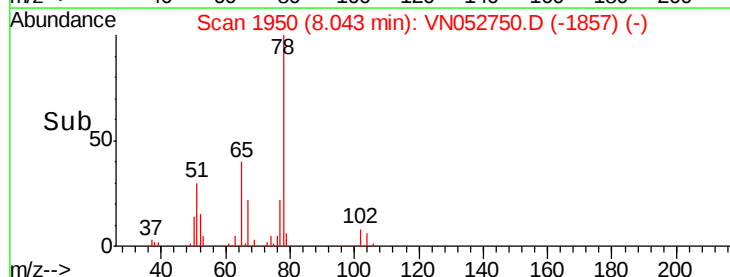
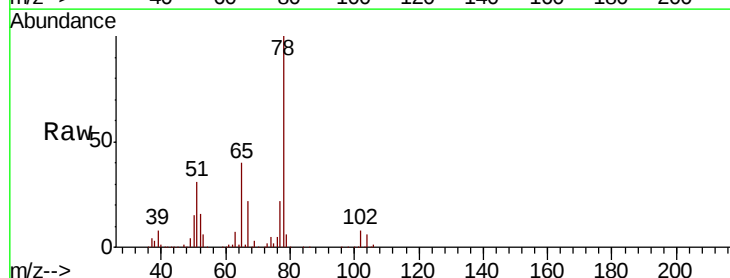
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

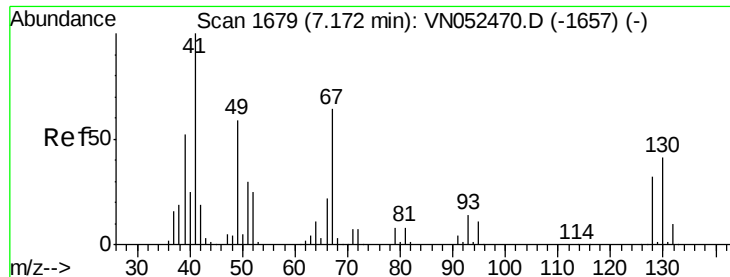
Tot Ion: 83 Resp: 304163
Ion Ratio Lower Upper
83 100
55 76.3 62.2 93.2
98 46.8 36.4 54.6



#40
Benzene
Concen: 19.074 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Tgt Ion: 78 Resp: 806068
Ion Ratio Lower Upper
78 100
77 22.4 18.8 28.2

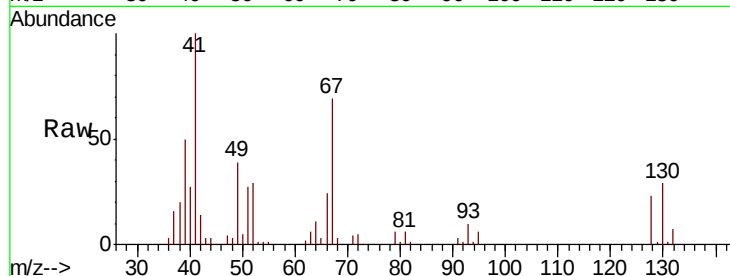




#41
Methacrylonitrile
Concen: 18.980 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

Tot Ion:	41	Resp:	89800
Ion	Ratio	Lower	Upper
41	100		
39	62.2	50.9	76.3
67	87.3	63.6	95.4
52	36.1	24.4	36.6



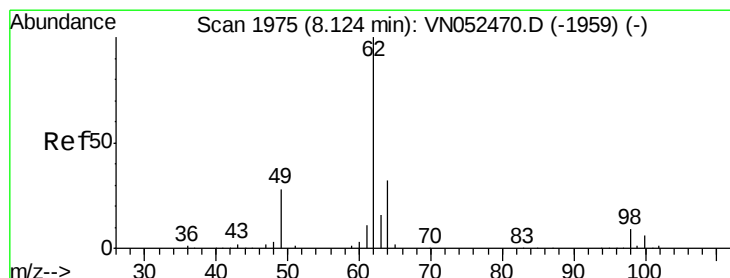
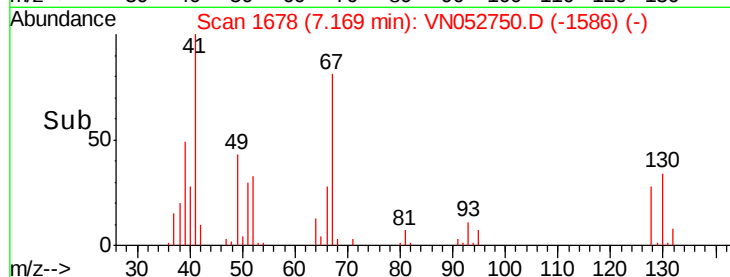
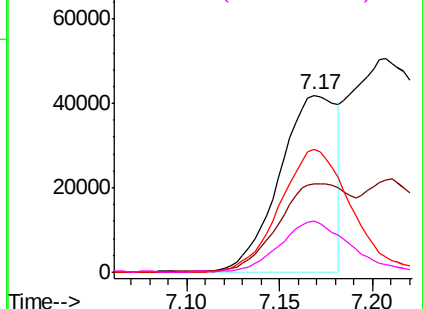
Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

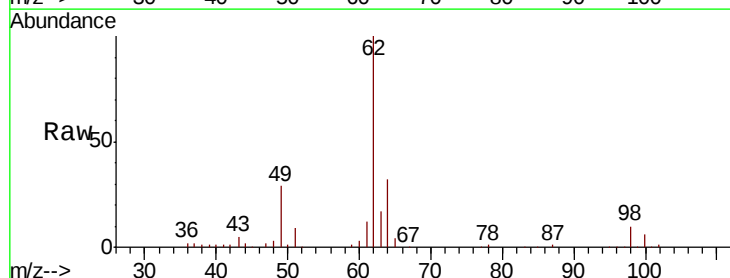
Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42
1,2-Dichloroethane
Concen: 19.500 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

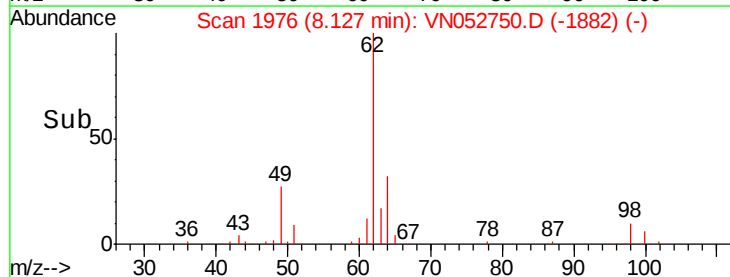
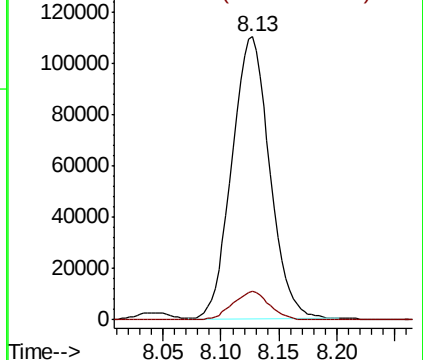
Tgt Ion:	62	Resp:	249513
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.6

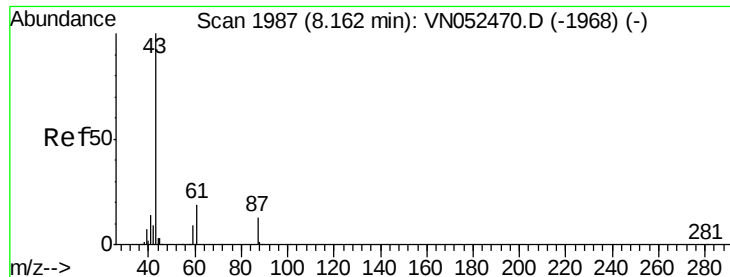


Abundance

Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



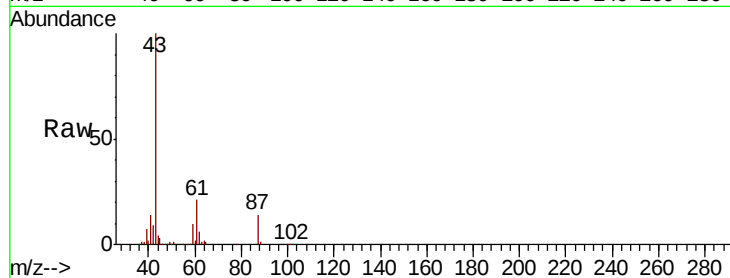


#43

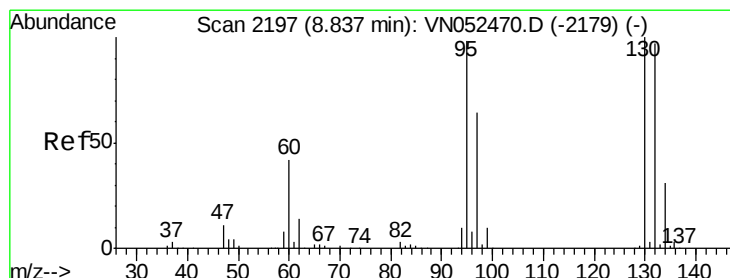
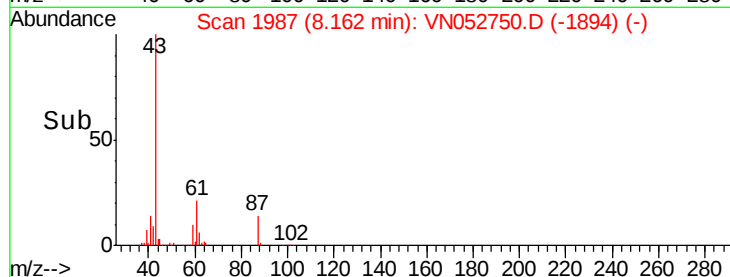
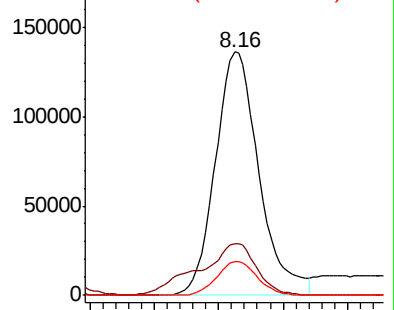
Isopropyl Acetate
 Concen: 21.828 ug/l
 RT: 8.16 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

Tot Ion	43	Resp	319678
Ion Ratio	Lower	Upper	
43	100		
61	27.9	24.1	36.1
87	12.9	10.6	15.8



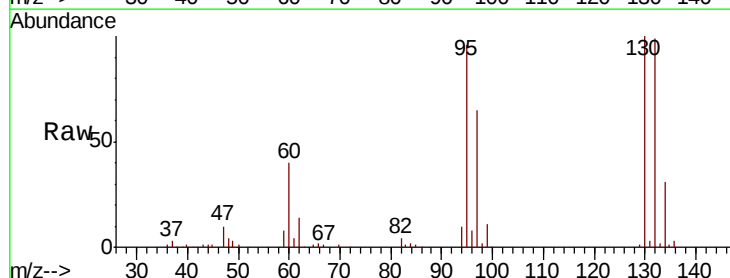
Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)



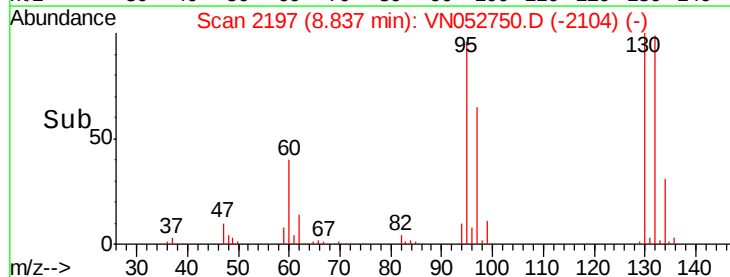
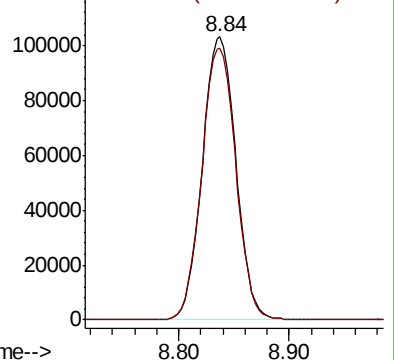
#44

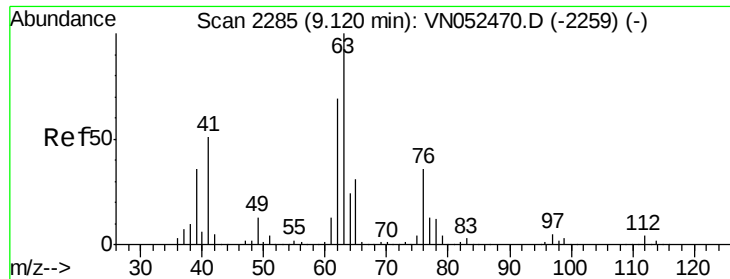
Trichloroethene
 Concen: 20.122 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion	130	Resp	217813
Ion Ratio	Lower	Upper	
130	100		
95	95.9	0.0	195.6



Abundance Ion 129.80 (129.50 to 130.50): VN052470.D (-2179) (-)





#45

1,2-Dichloropropane

Concen: 19.744 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

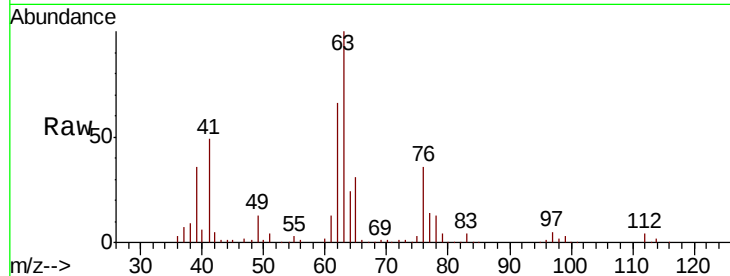
VN1210WBSD02

Tot Ion: 63 Resp: 221825

Ion Ratio Lower Upper

63 100

65 30.8 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.12

120000

100000

80000

60000

40000

20000

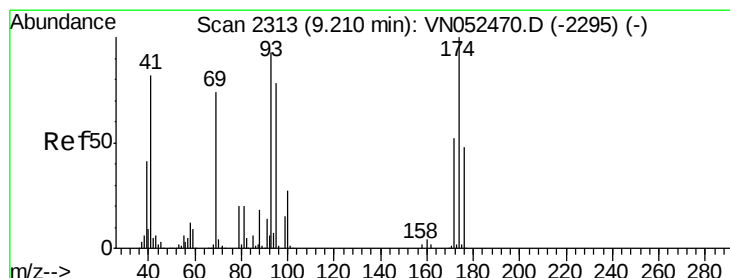
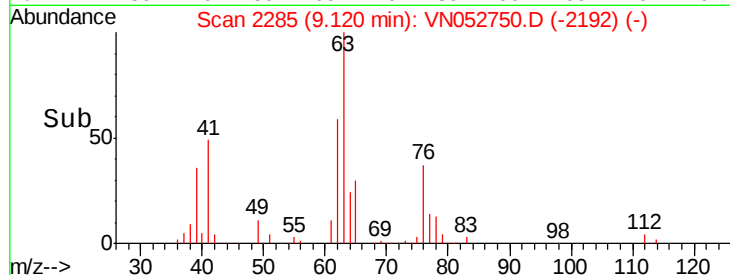
0

Time-->

9.00

9.10

9.20



#46

Dibromomethane

Concen: 20.296 ug/l

RT: 9.21 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

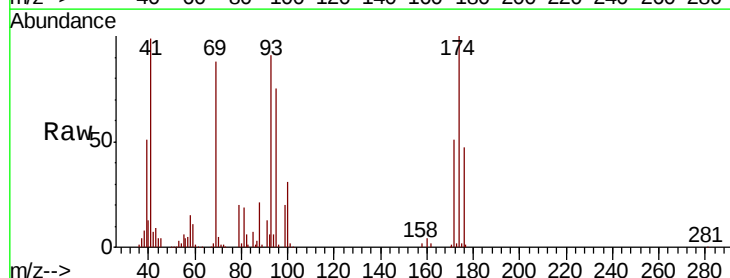
Tgt Ion: 93 Resp: 126234

Ion Ratio Lower Upper

93 100

95 83.1 67.1 100.7

174 111.6 85.8 128.8



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

80000

60000

40000

20000

0

Time-->

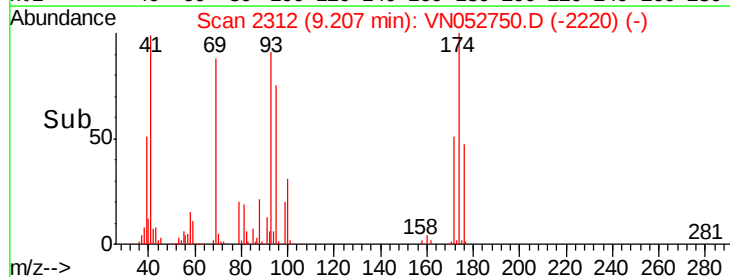
9.10

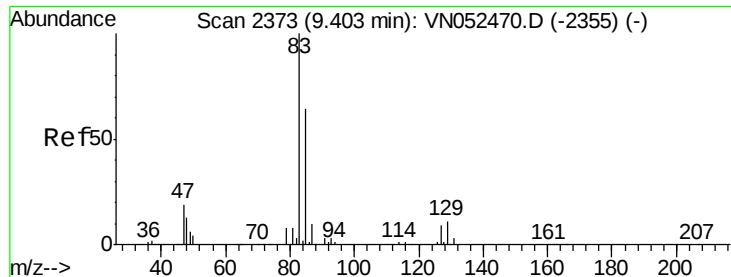
9.15

9.20

9.25

9.30





#47

Bromodichloromethane

Concen: 20.009 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

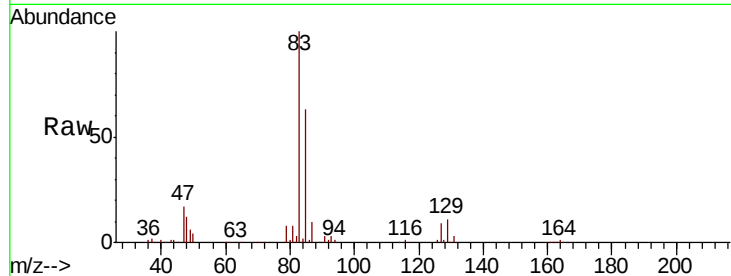
Tot Ion: 83 Resp: 270565

Ion Ratio Lower Upper

83 100

85 63.3 51.3 76.9

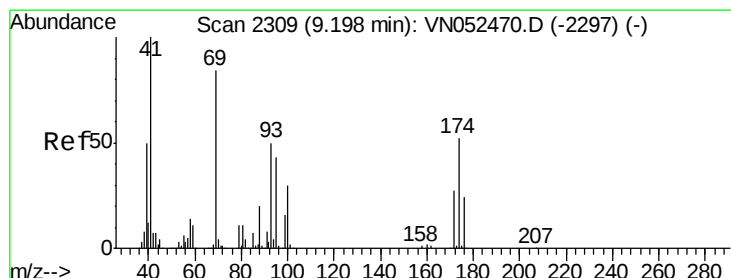
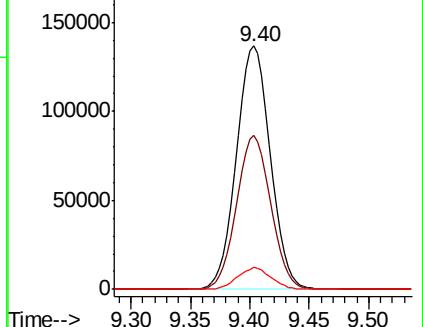
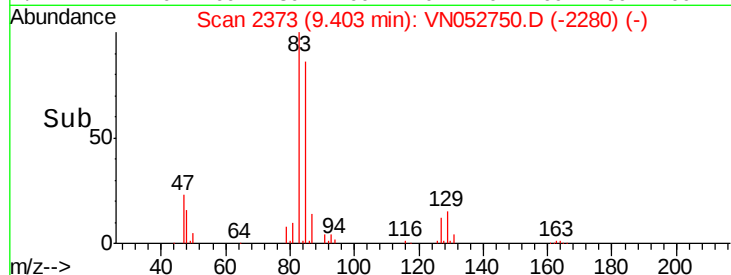
127 8.9 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN052750.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN052750.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN052750.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.911 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

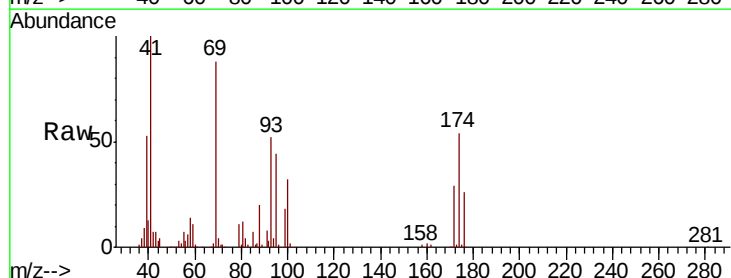
Tgt Ion: 41 Resp: 152046

Ion Ratio Lower Upper

41 100

69 91.2 70.0 105.0

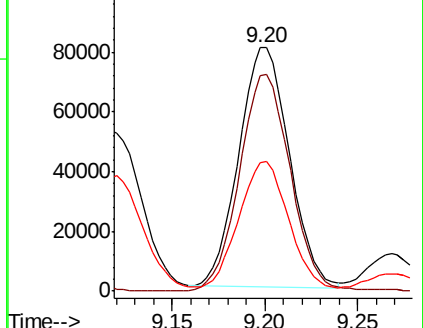
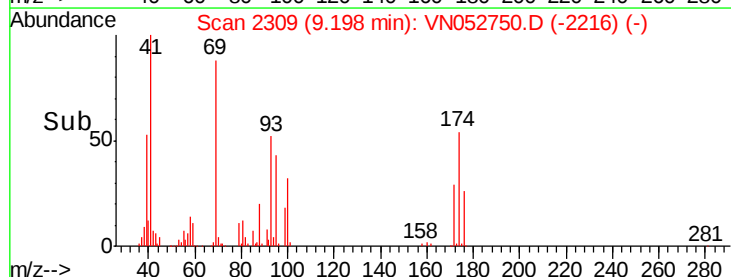
39 53.9 42.6 64.0

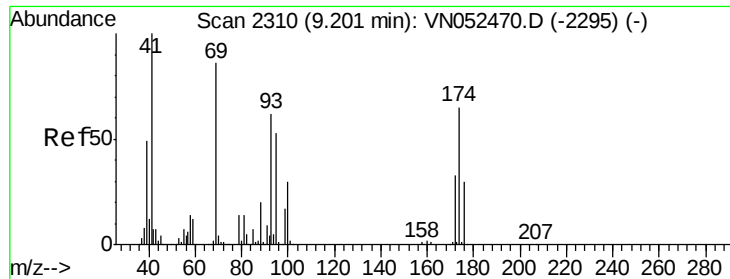


Abundance Ion 41.00 (40.70 to 41.70): VN052750.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN052750.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN052750.D (-2216) (-)

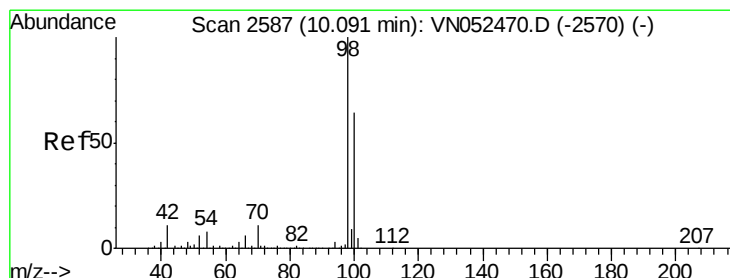
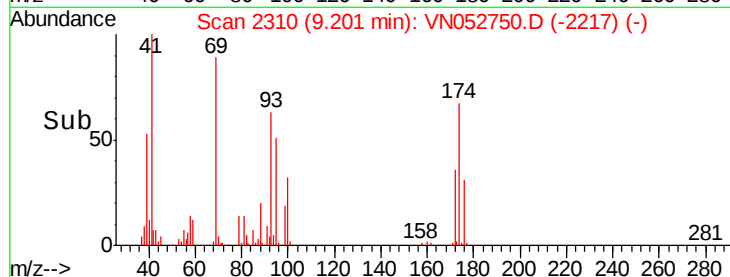
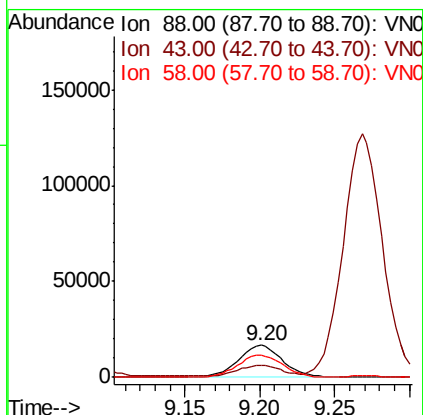
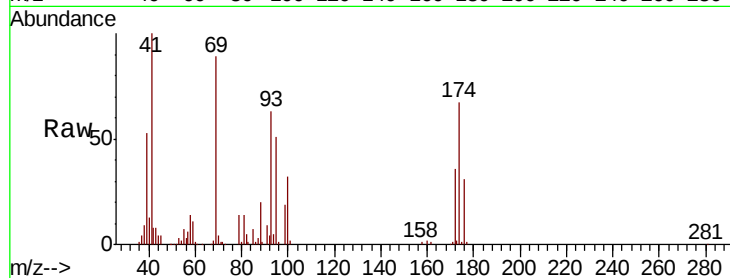




#49
1,4-Dioxane
Concen: 428.491 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

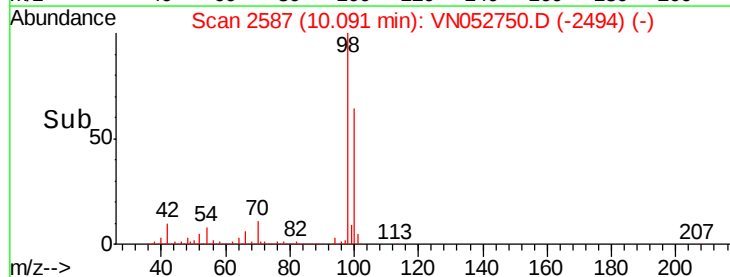
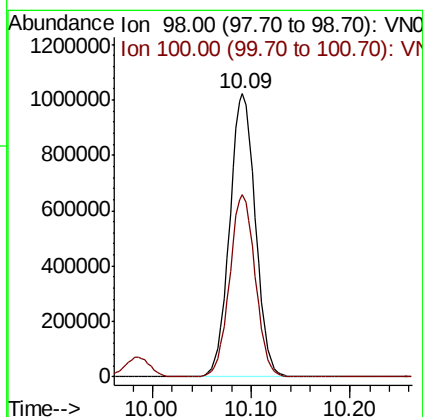
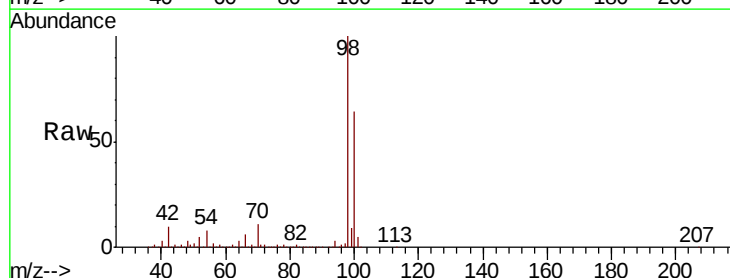
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

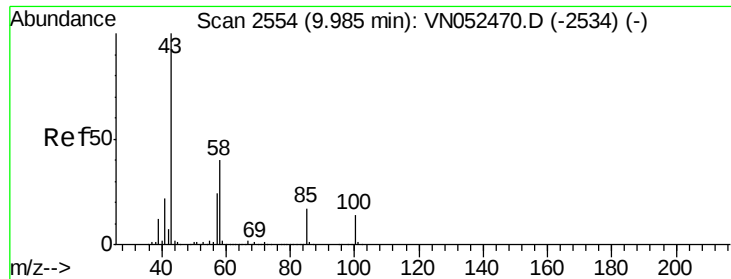
Tot Ion: 88 Resp: 33959
Ion Ratio Lower Upper
88 100
43 34.5 26.4 39.6
58 71.7 55.4 83.0



#50
Toluene-d8
Concen: 428.491 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Tgt Ion: 98 Resp: 1858313
Ion Ratio Lower Upper
98 100
100 64.1 51.3 76.9





#51

4-Methyl-2-Pentanone

Concen: 105.439 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

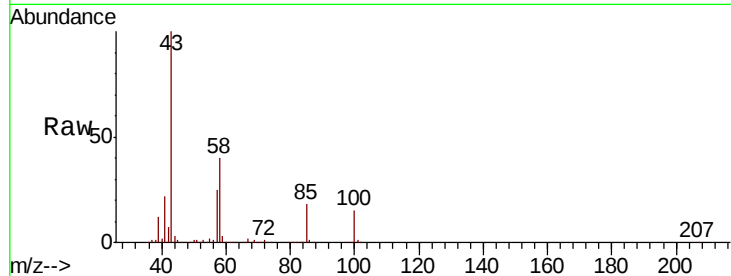
VN1210WBSD02

Tot Ion: 43 Resp: 866389

Ion Ratio Lower Upper

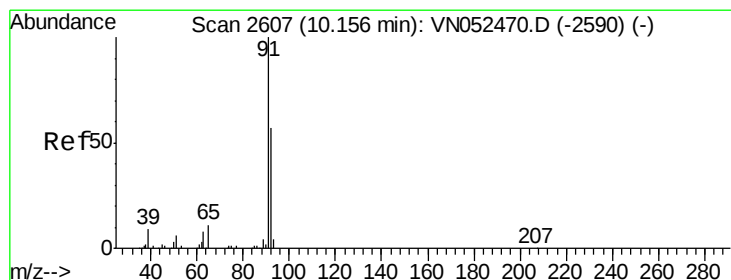
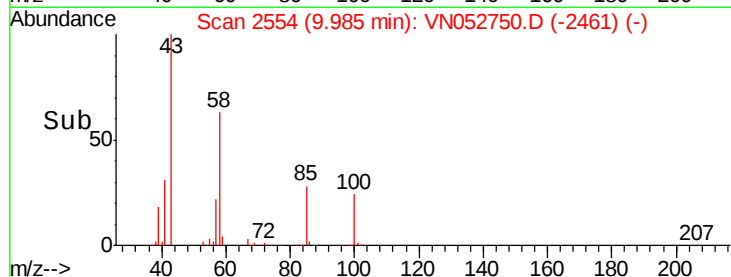
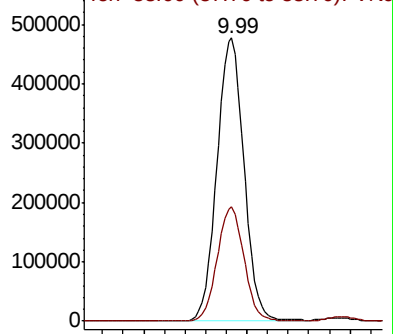
43 100

58 40.0 31.5 47.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.695 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN052750.D

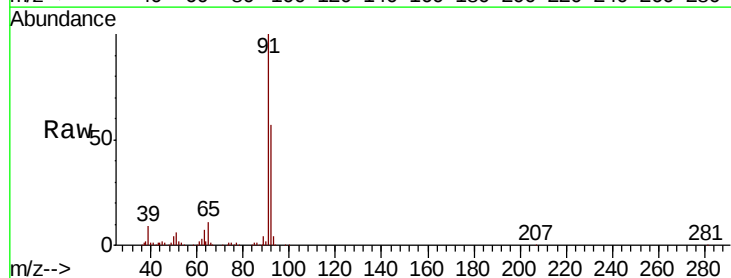
Acq: 10 Dec 2018 13:50

Tgt Ion: 92 Resp: 494493

Ion Ratio Lower Upper

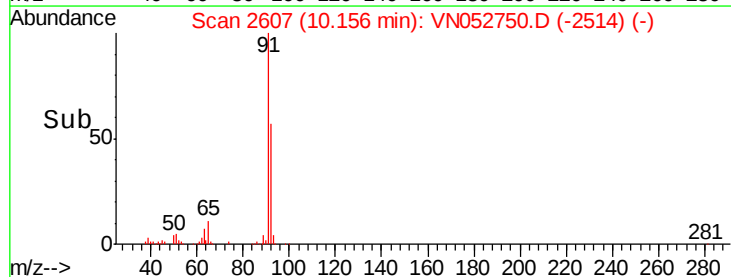
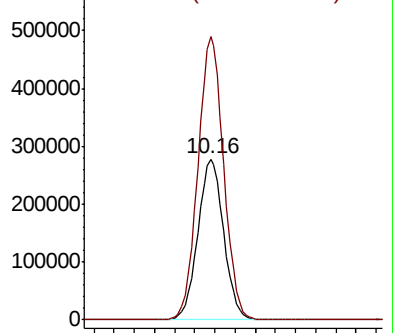
92 100

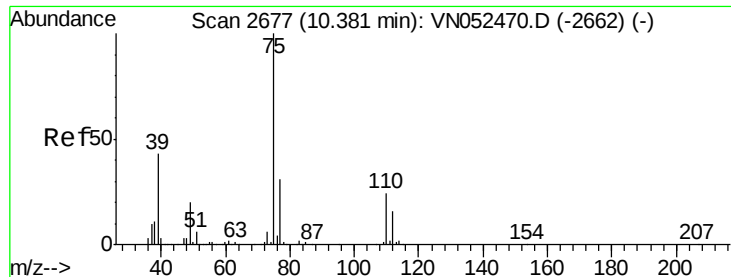
91 175.5 141.0 211.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 19.839 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

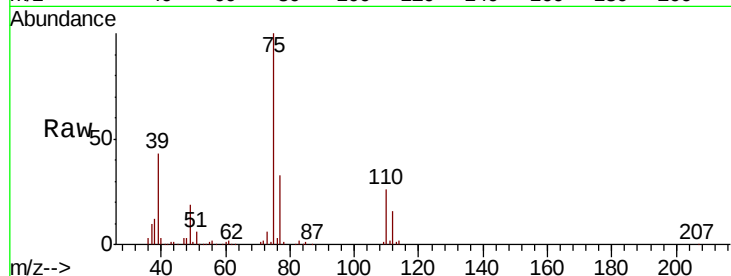
VN1210WBSD02

Tot Ion: 75 Resp: 258079

Ion Ratio Lower Upper

75 100

77 33.3 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

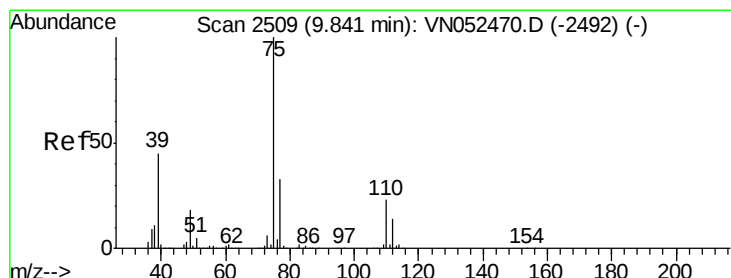
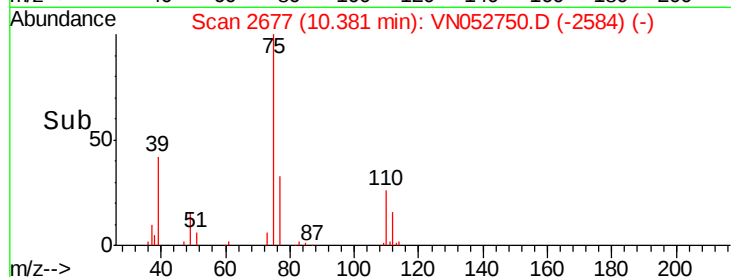
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.702 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

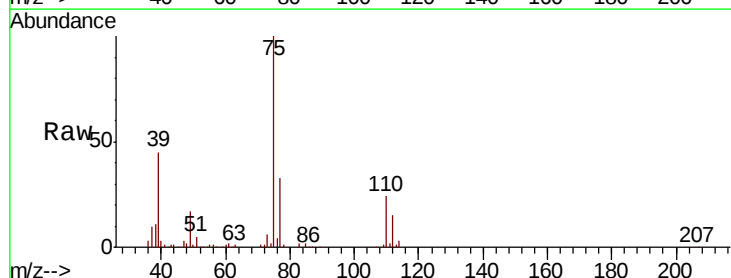
Tgt Ion: 75 Resp: 307151

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.2

39 44.4 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

200000

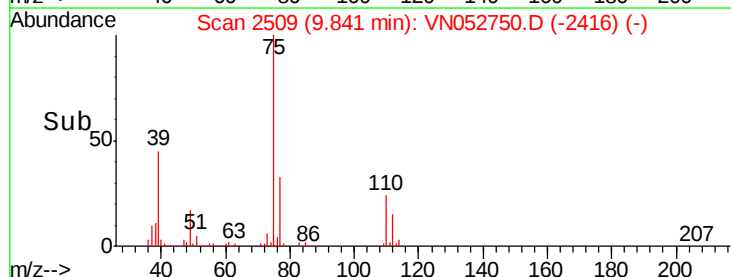
150000

100000

50000

0

Time-->

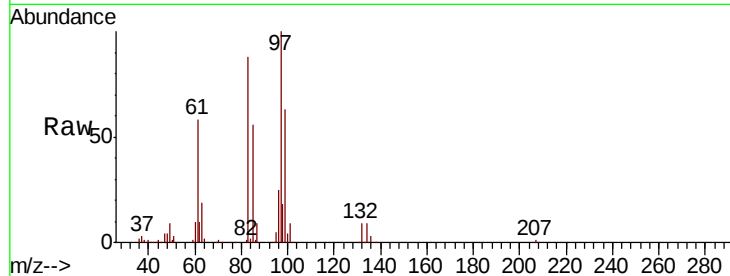




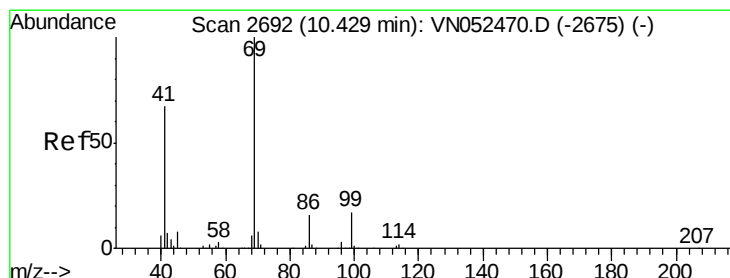
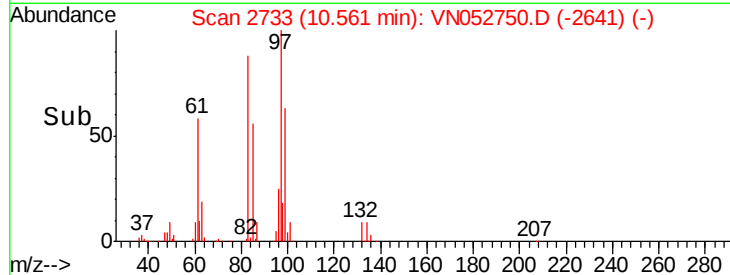
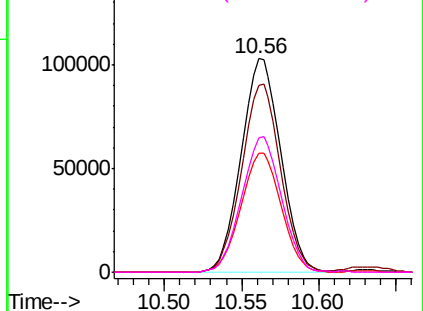
#55
 1,1,2-Trichloroethane
 Concen: 20.873 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

Tot Ion: 97 Resp: 184342
 Ion Ratio Lower Upper
 97 100
 83 87.7 70.7 106.1
 85 55.7 46.1 69.1
 99 62.6 50.8 76.2

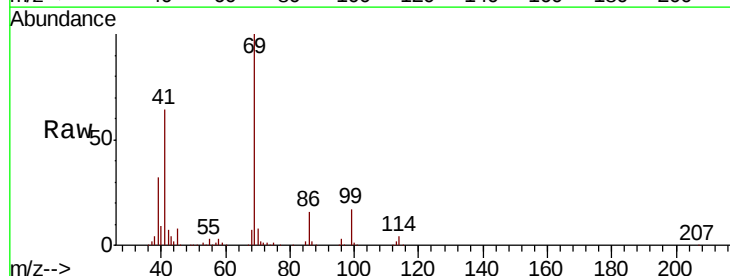


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

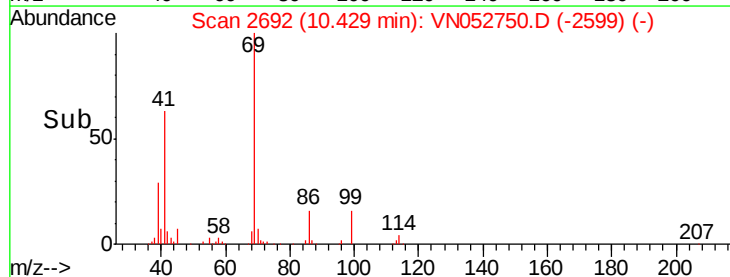
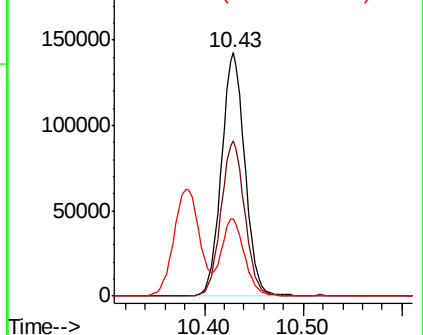


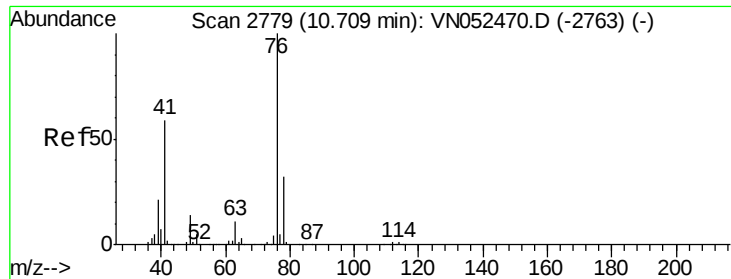
#56
 Ethyl methacrylate
 Concen: 21.098 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion: 69 Resp: 238561
 Ion Ratio Lower Upper
 69 100
 41 63.6 52.6 79.0
 39 31.2 25.9 38.9



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.120 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

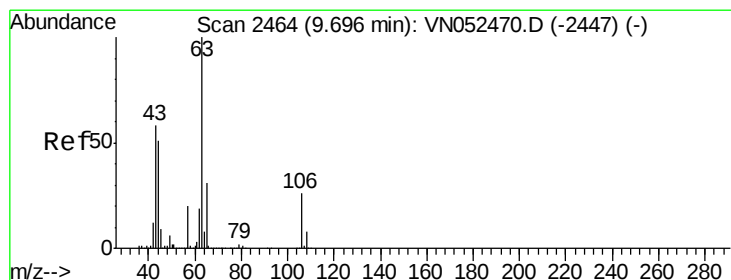
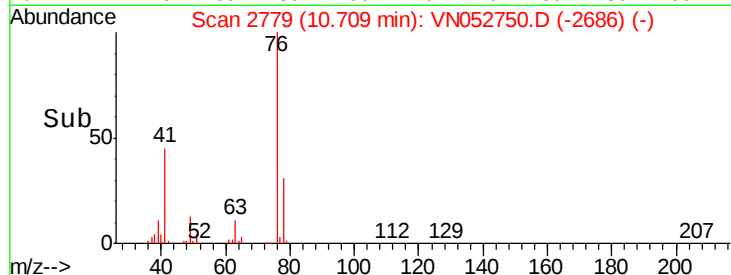
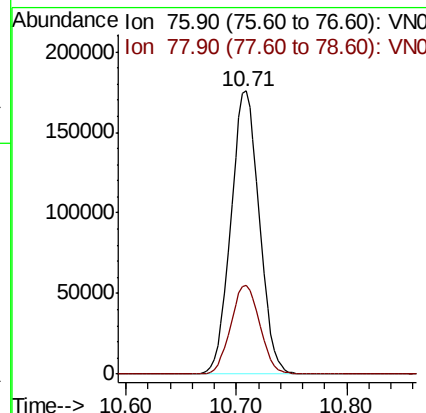
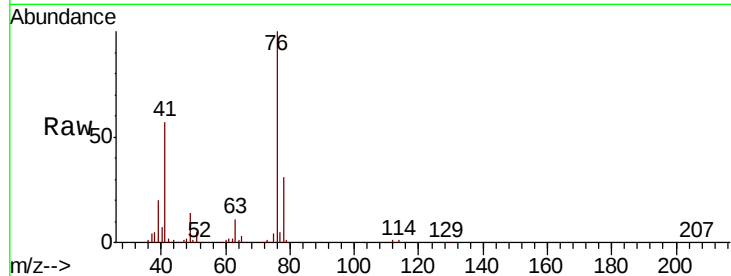
VN1210WBSD02

Tot Ion: 76 Resp: 313760

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 102.937 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN052750.D

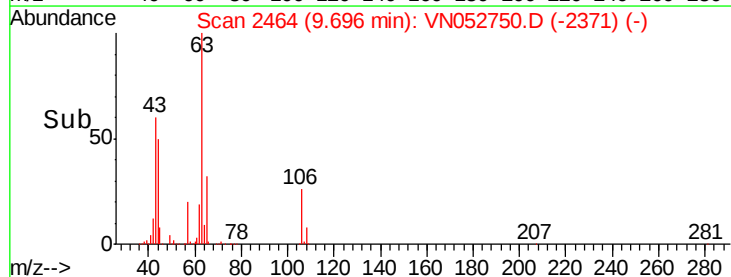
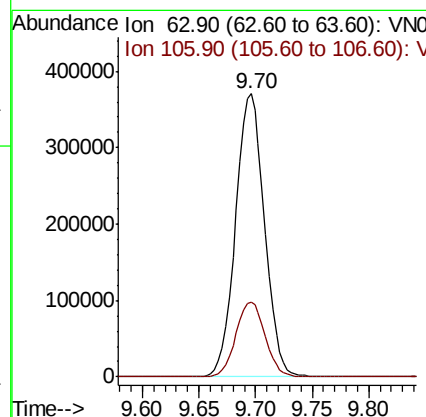
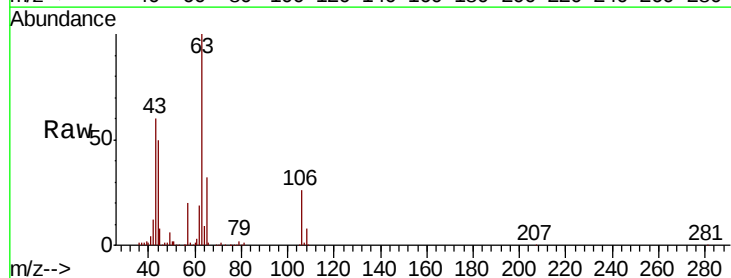
Acq: 10 Dec 2018 13:50

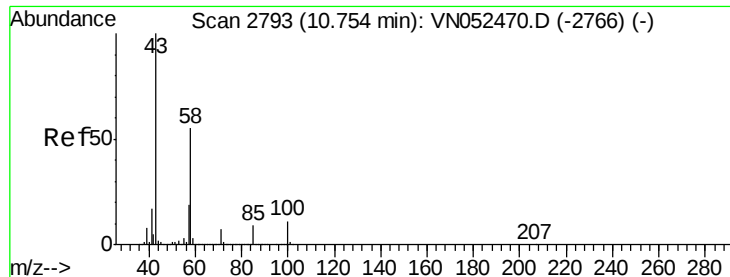
Tgt Ion: 63 Resp: 659685

Ion Ratio Lower Upper

63 100

106 26.7 20.6 30.8

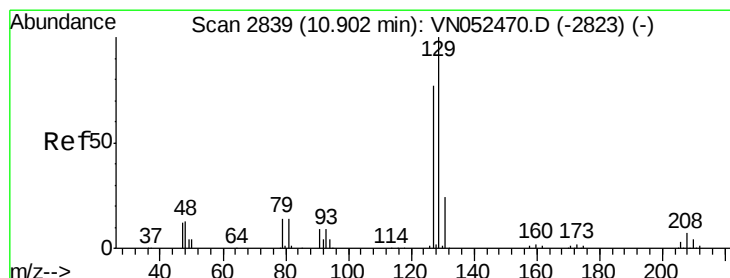
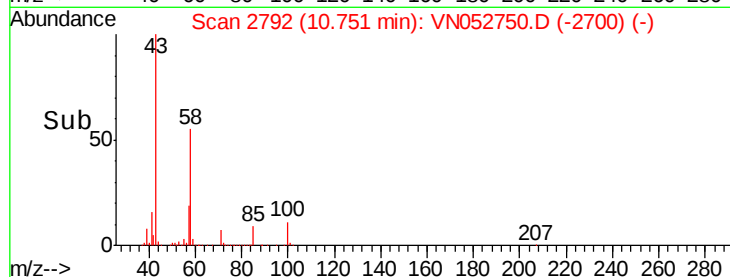
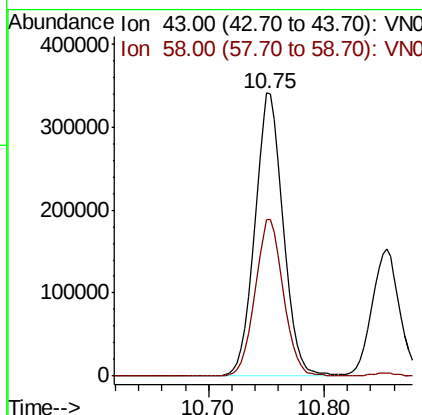
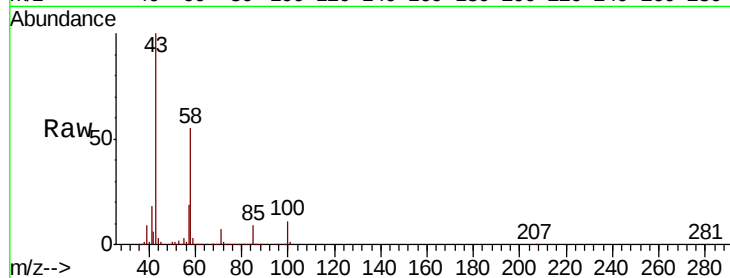




#59
2-Hexanone
Concen: 104.877 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

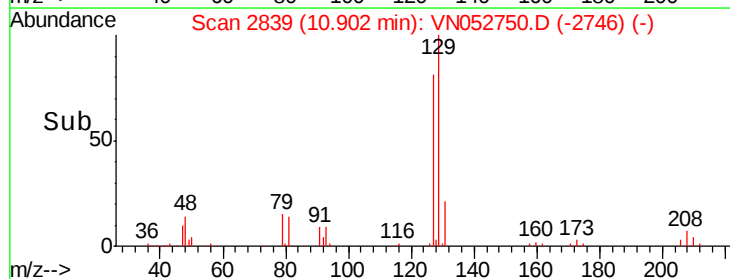
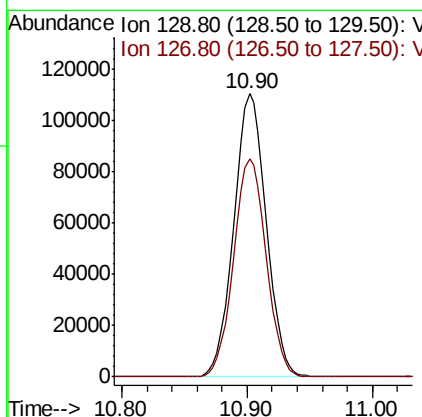
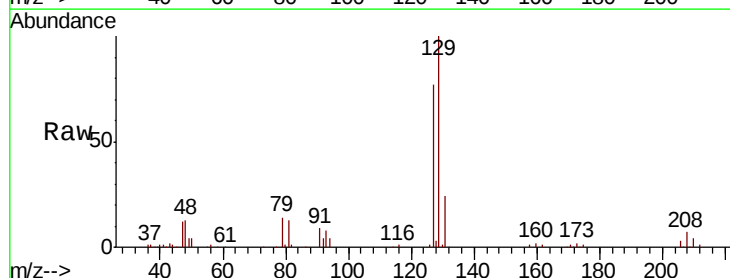
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

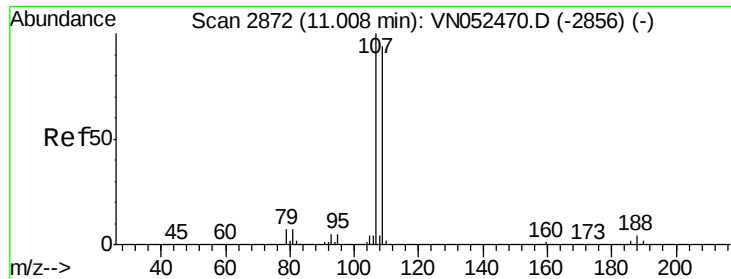
Tot Ion: 43 Resp: 578375
Ion Ratio Lower Upper
43 100
58 55.6 27.4 82.0



#60
Dibromochloromethane
Concen: 20.613 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Tgt Ion: 129 Resp: 197721
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.6

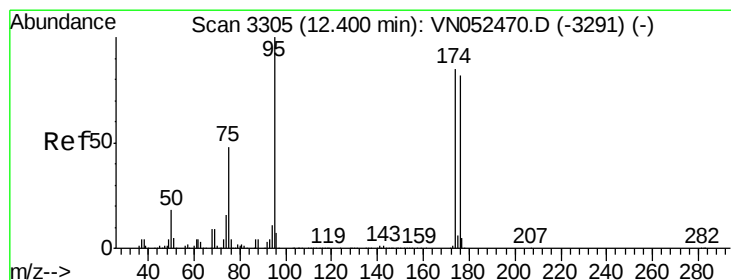
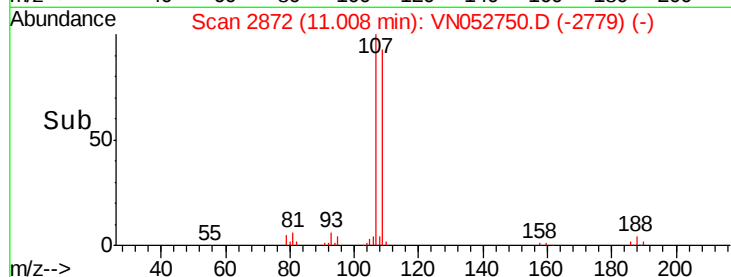
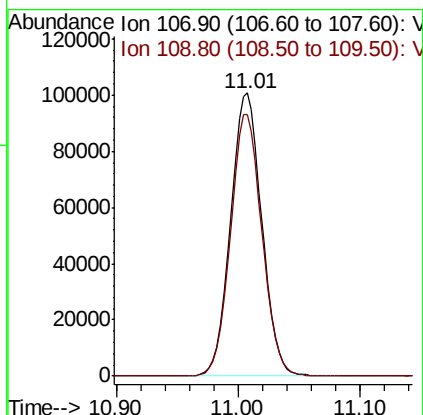
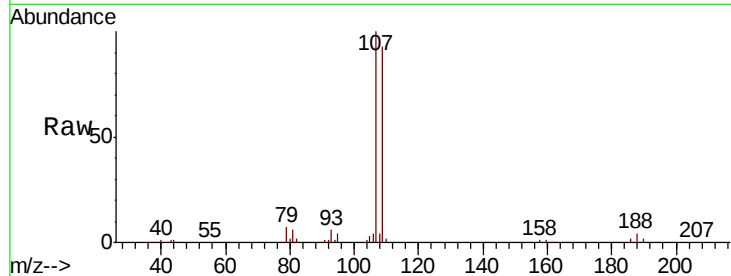




#61
 1,2-Dibromoethane
 Concen: 20.342 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

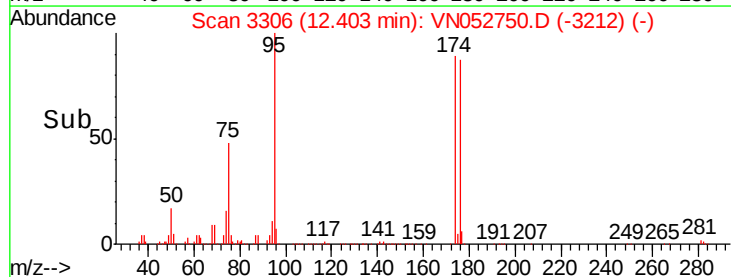
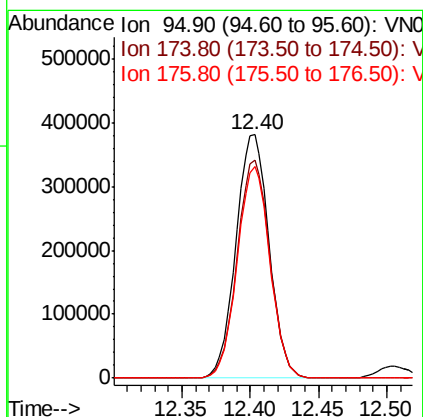
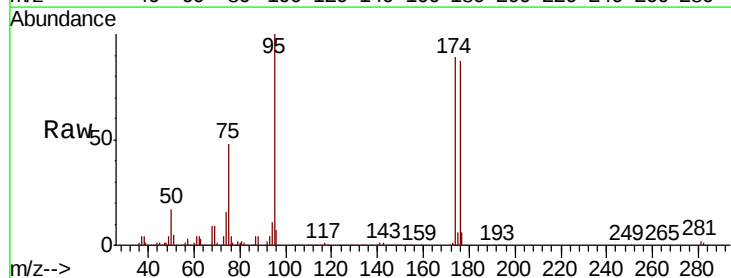
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

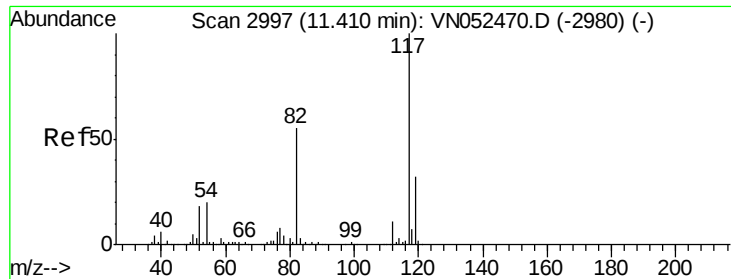
Tot Ion:107 Resp: 178436
 Ion Ratio Lower Upper
 107 100
 109 93.5 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 20.342 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion: 95 Resp: 642133
 Ion Ratio Lower Upper
 95 100
 174 88.8 0.0 173.0
 176 85.9 0.0 166.2

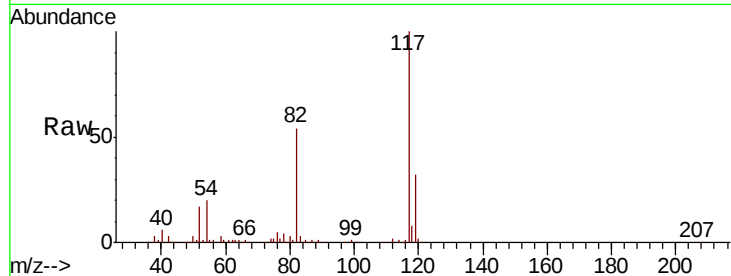




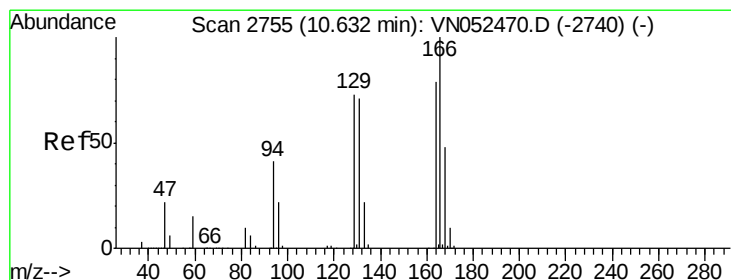
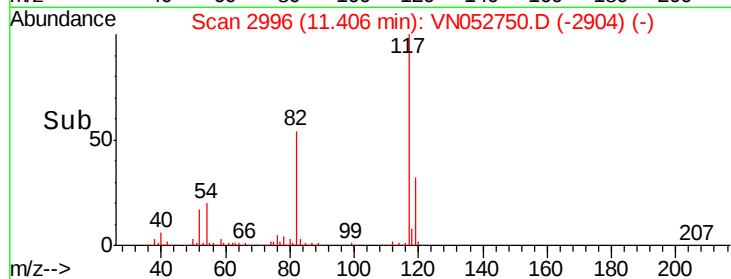
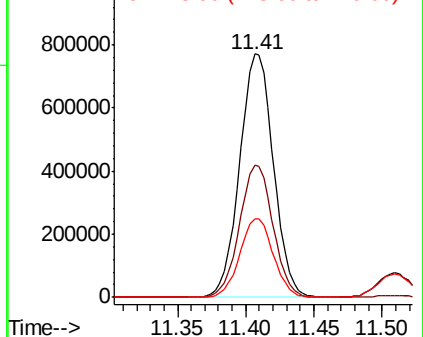
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

Tot Ion:117 Resp: 1324227
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 32.5 25.4 38.2

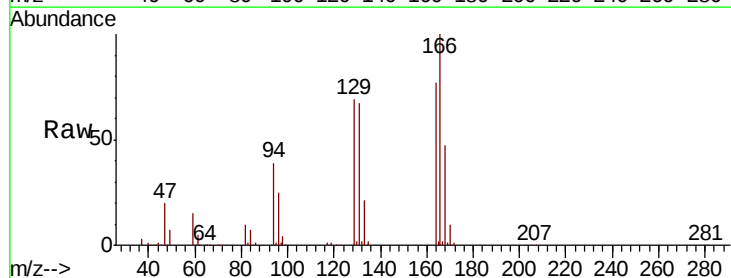


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

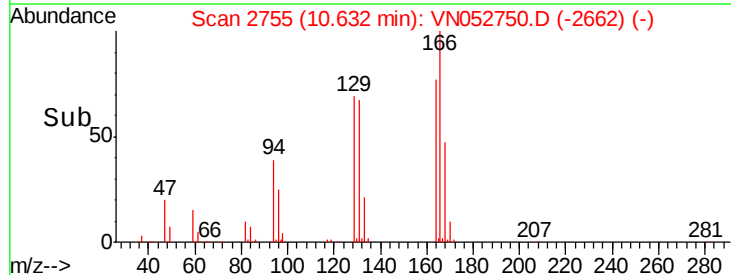
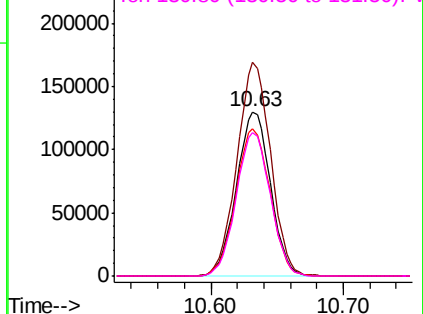


#64
Tetrachloroethene
Concen: 22.491 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Tgt Ion:164 Resp: 230914
Ion Ratio Lower Upper
164 100
166 129.9 101.0 151.4
129 89.8 73.8 110.6
131 87.3 71.2 106.8



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

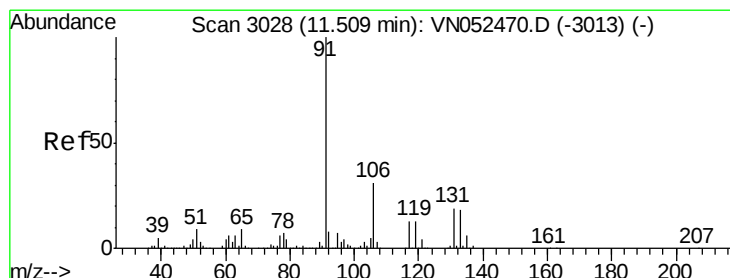
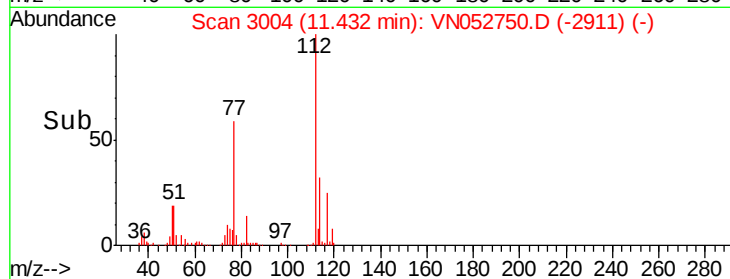
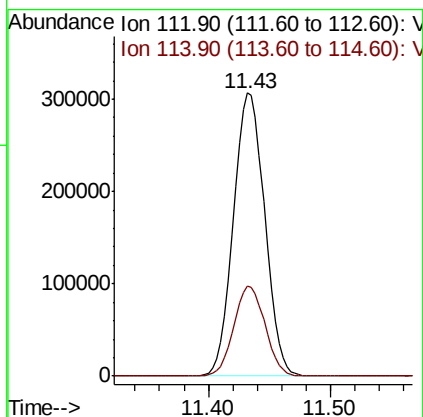
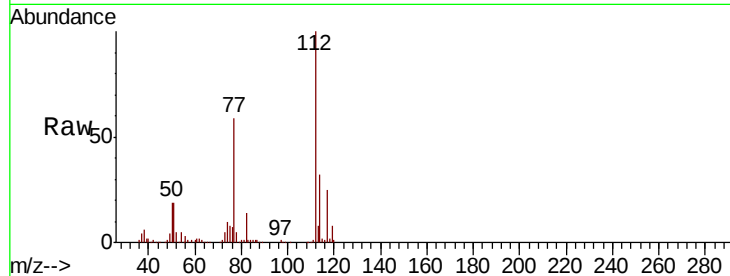




#65
Chlorobenzene
Concen: 19.965 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

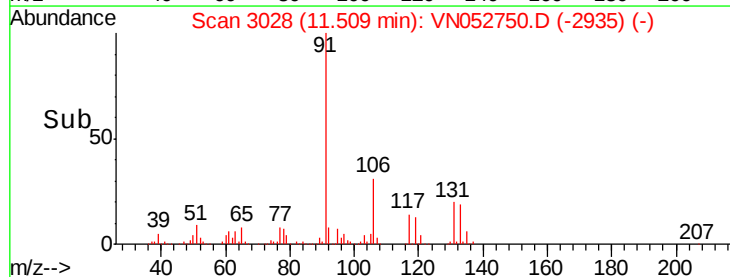
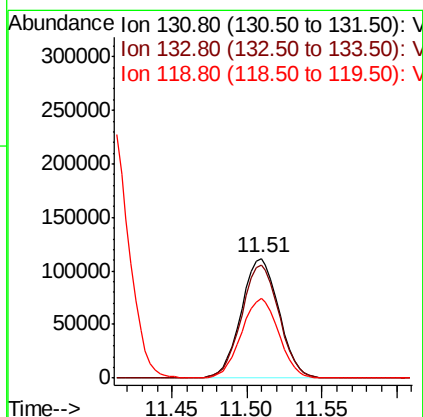
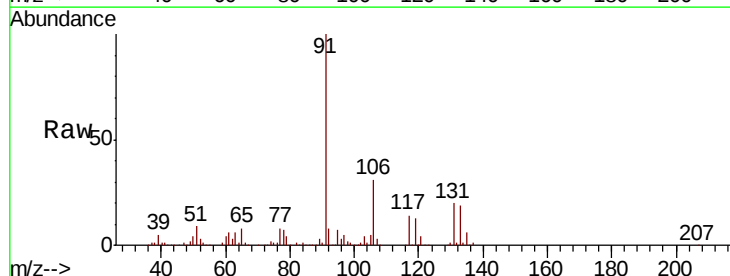
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

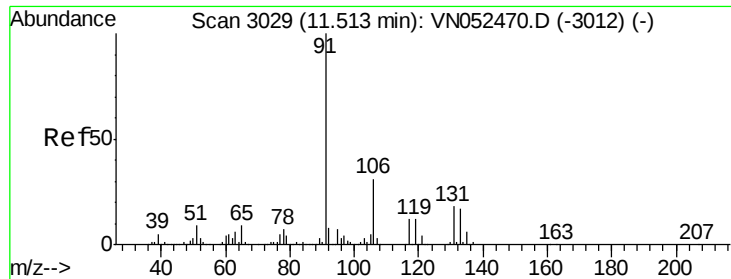
Tot Ion:112 Resp: 545166
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.640 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Tgt Ion:131 Resp: 195959
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.8
119 66.2 33.2 99.6





#67

Ethyl Benzene

Concen: 19.601 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

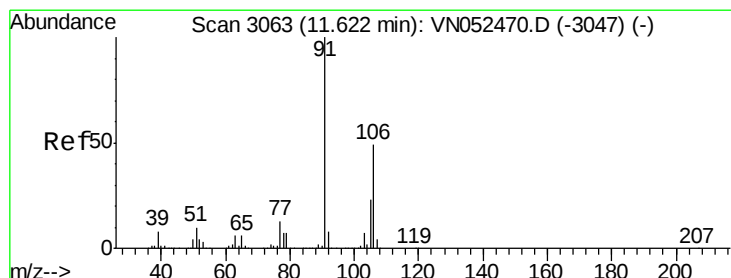
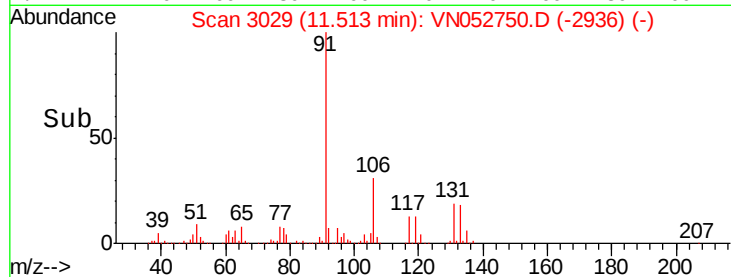
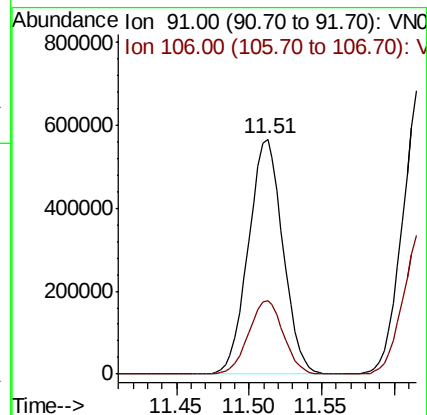
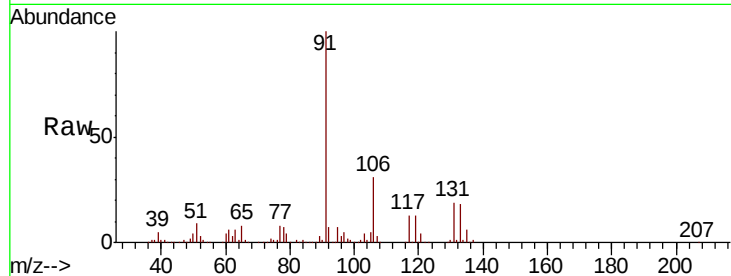
VN1210WBSD02

Tot Ion: 91 Resp: 937275

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 39.758 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. -0.00 min

Lab File: VN052750.D

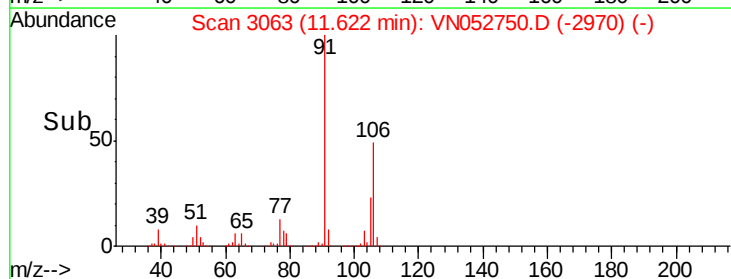
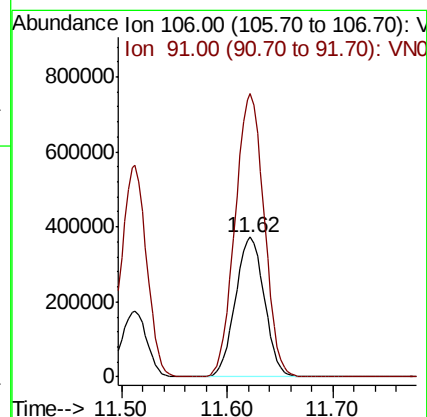
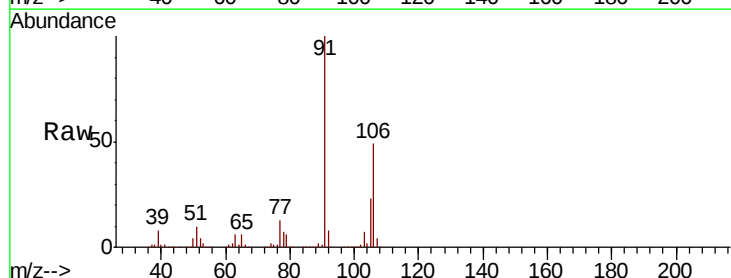
Acq: 10 Dec 2018 13:50

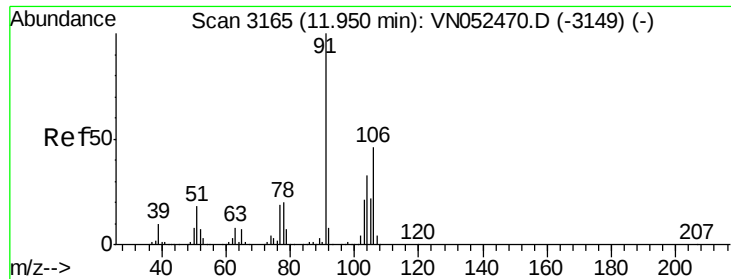
Tgt Ion: 106 Resp: 707722

Ion Ratio Lower Upper

106 100

91 203.2 163.2 244.8

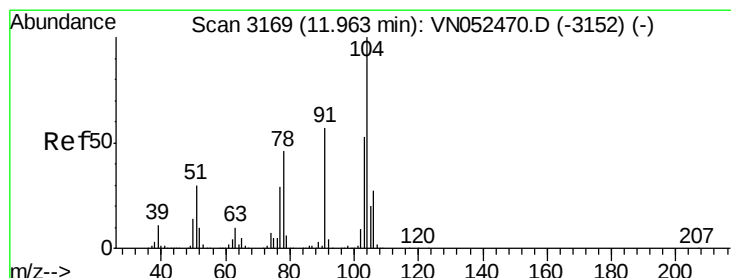
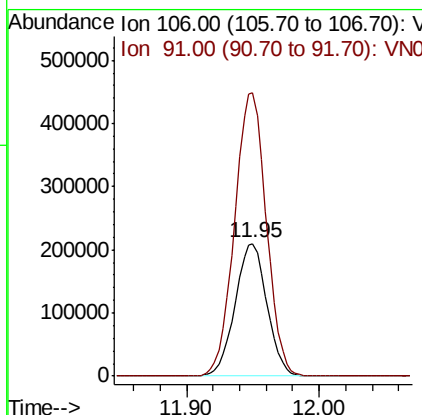
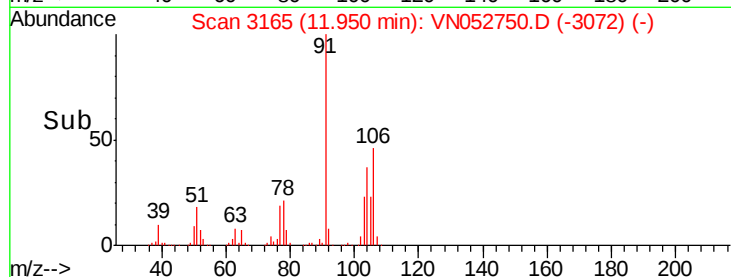
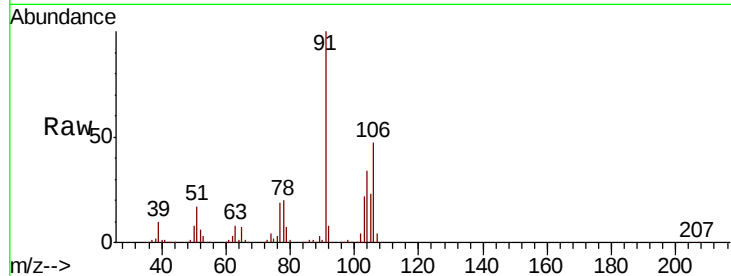




#69
o-Xylene
Concen: 20.158 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

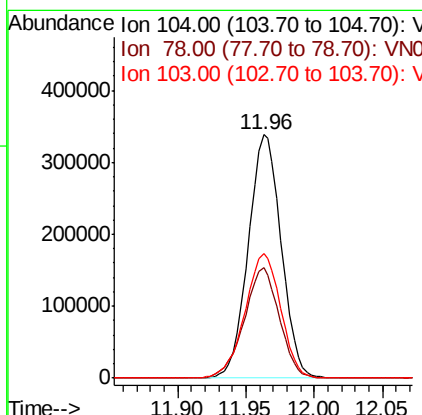
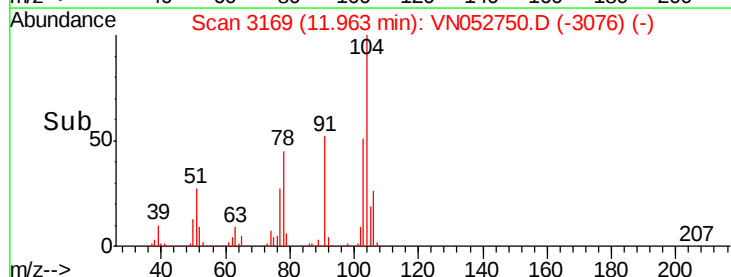
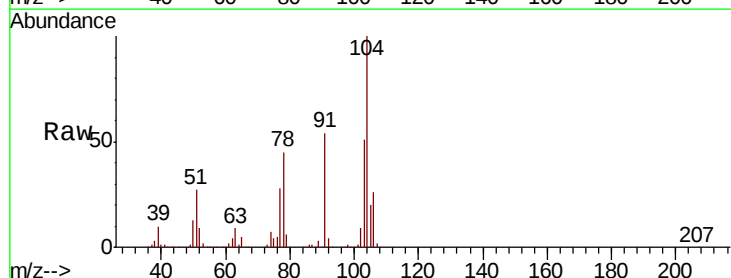
Instrument :
MSVOA_N
ClientSampled :
VN1210WBSD02

Tot Ion:106 Resp: 348462
Ion Ratio Lower Upper
106 100
91 213.5 107.7 323.1



#70
Styrene
Concen: 20.569 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Tgt Ion:104 Resp: 566314
Ion Ratio Lower Upper
104 100
78 48.5 39.4 59.2
103 55.7 44.9 67.3

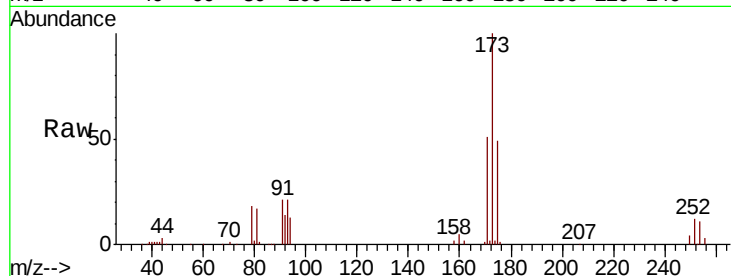




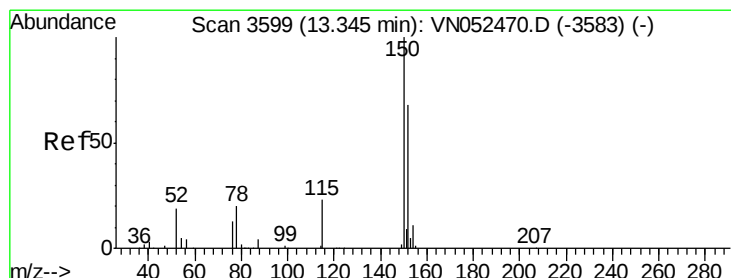
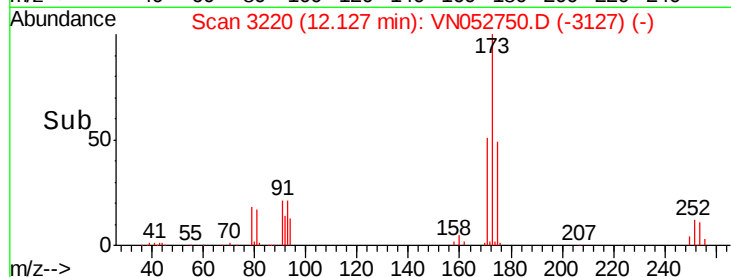
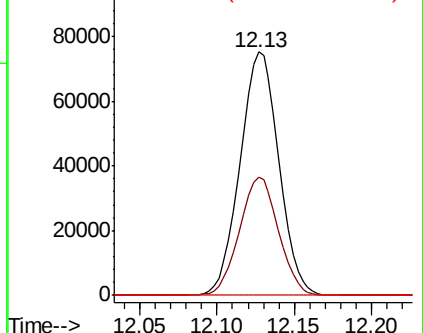
#71
Bromoform
Concen: 20.871 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

Tot Ion:173 Resp: 131204
Ion Ratio Lower Upper
173 100
175 49.0 24.4 73.2
254 0.0 0.1 0.1#

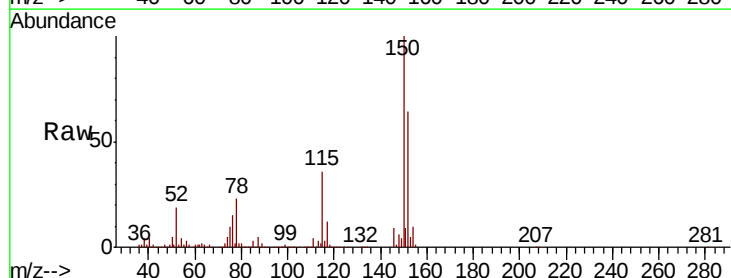


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

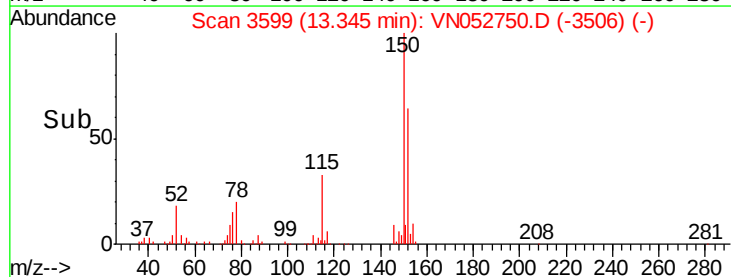
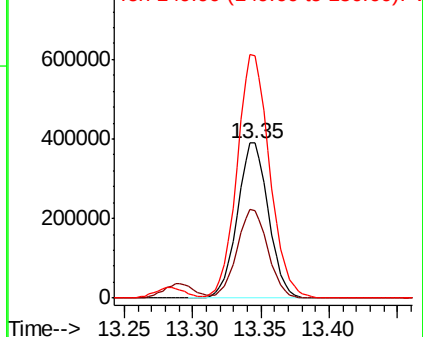


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN052750.D
Acq: 10 Dec 2018 13:50

Tgt Ion:152 Resp: 616777
Ion Ratio Lower Upper
152 100
115 56.9 28.4 85.2
150 164.5 0.0 346.0



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: 19.289 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

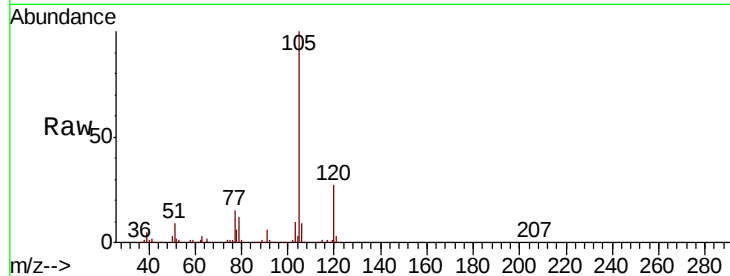
VN1210WBSD02

Tot Ion:105 Resp: 933379

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

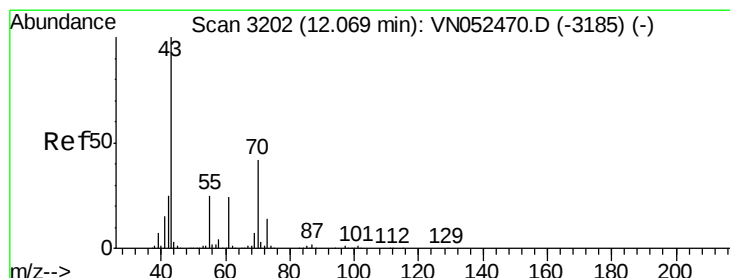
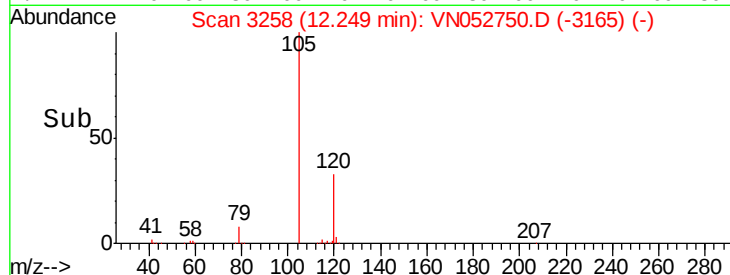
600000

400000

200000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 21.308 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Tgt Ion: 43 Resp: 260490

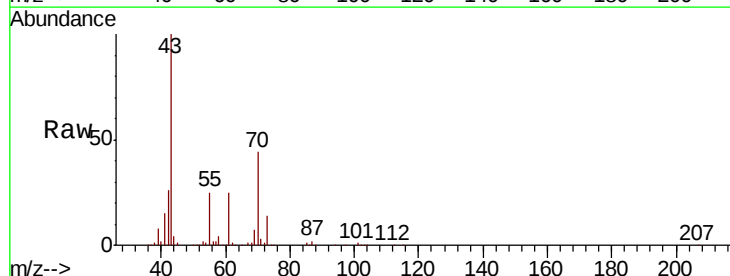
Ion Ratio Lower Upper

43 100

70 43.6 33.8 50.8

55 25.2 20.0 30.0

61 24.6 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

250000

200000

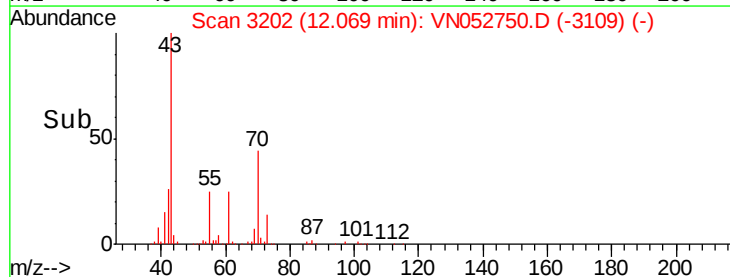
150000

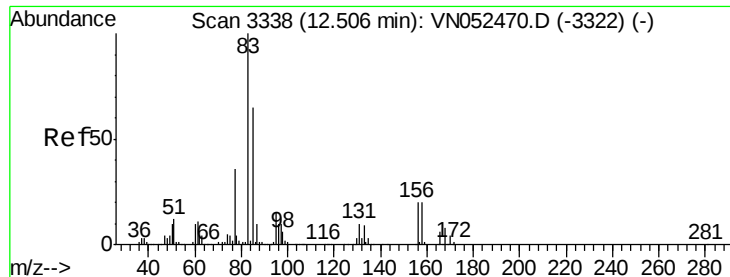
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.158 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

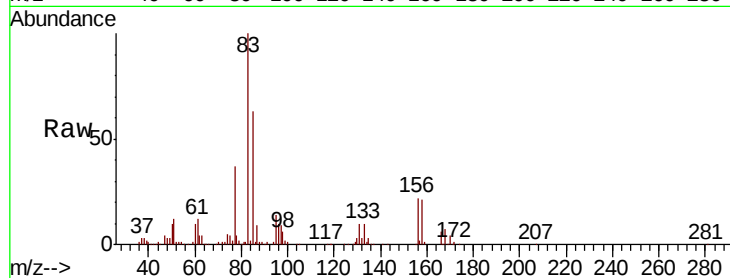
Tot Ion: 83 Resp: 210890

Ion Ratio Lower Upper

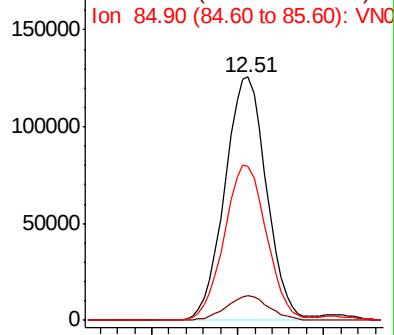
83 100

131 10.4 5.0 15.0

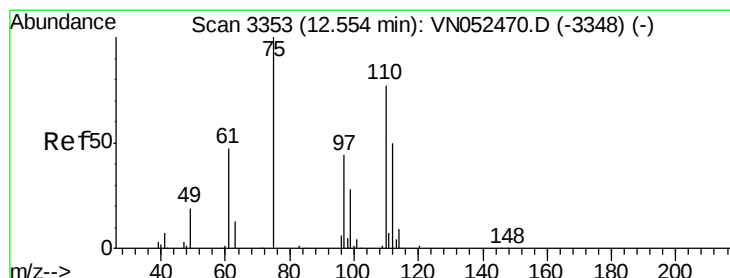
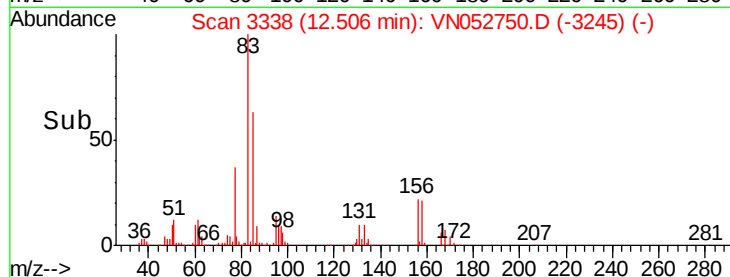
85 64.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN052750.D (-3245) (-)



Time-->



#76

1,2,3-Trichloropropane

Concen: 28.395 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052750.D

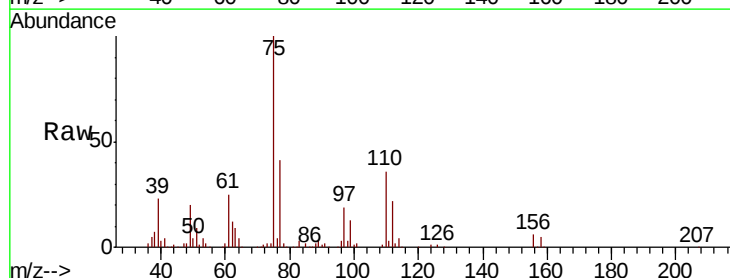
Acq: 10 Dec 2018 13:50

Tgt Ion: 75 Resp: 270064

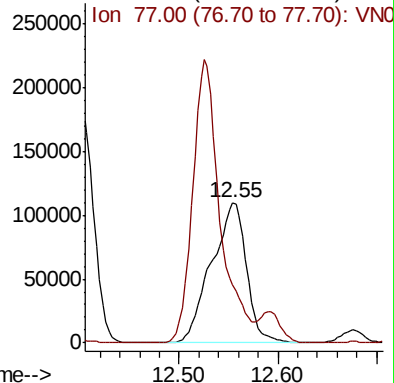
Ion Ratio Lower Upper

75 100

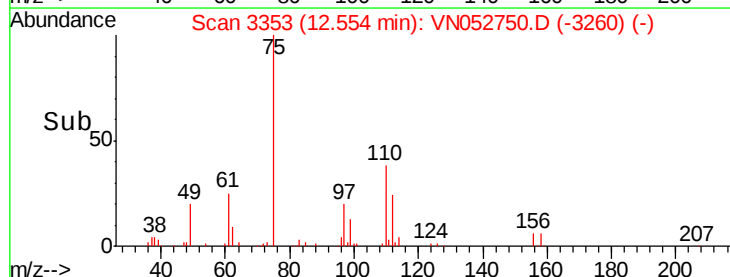
77 0.0 0.0 0.0

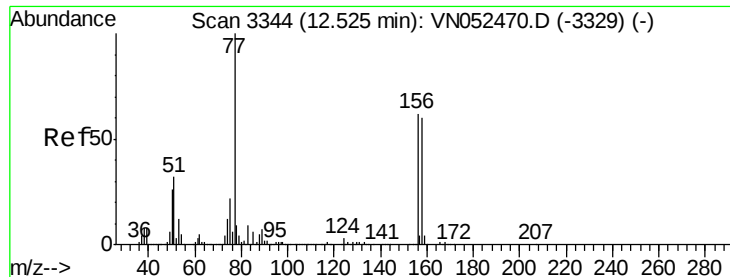


Abundance Ion 74.90 (74.60 to 75.60): VN052750.D (-3260) (-)



Time-->





#77

Bromobenzene

Concen: 19.786 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

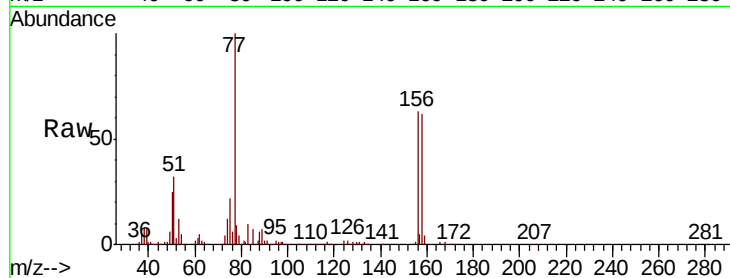
Tot Ion:156 Resp: 236658

Ion Ratio Lower Upper

156 100

77 183.0 93.5 280.4

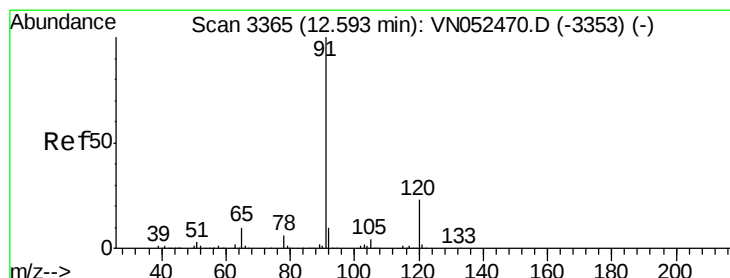
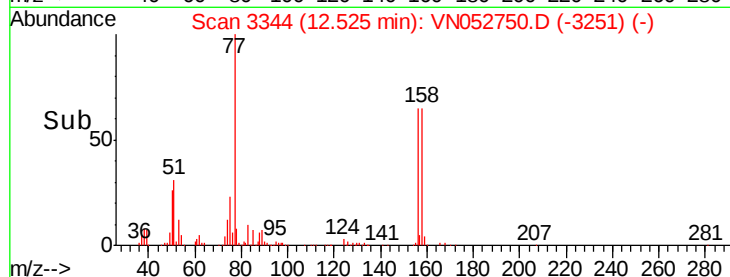
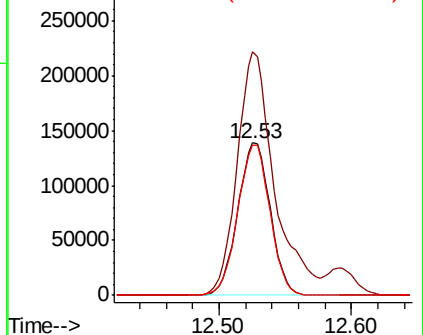
158 97.9 48.3 144.9



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: 19.293 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052750.D

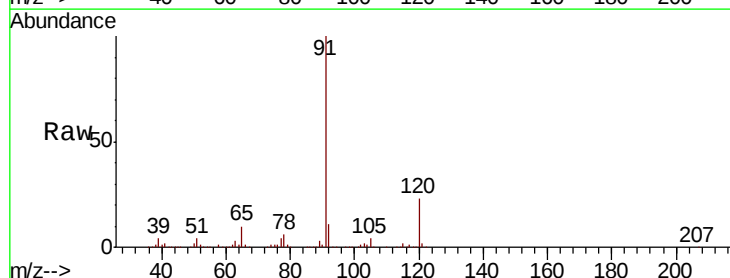
Acq: 10 Dec 2018 13:50

Tgt Ion: 91 Resp: 1060616

Ion Ratio Lower Upper

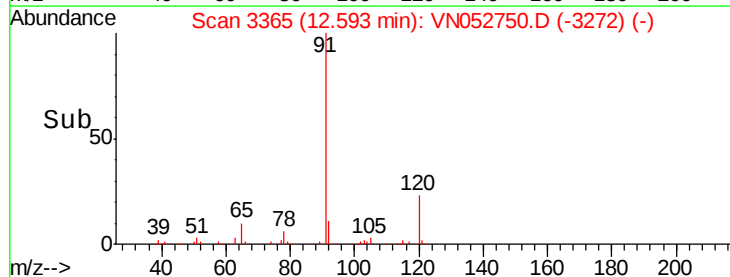
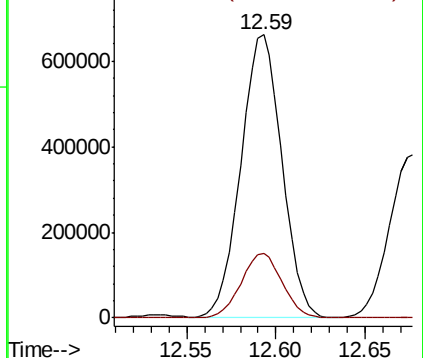
91 100

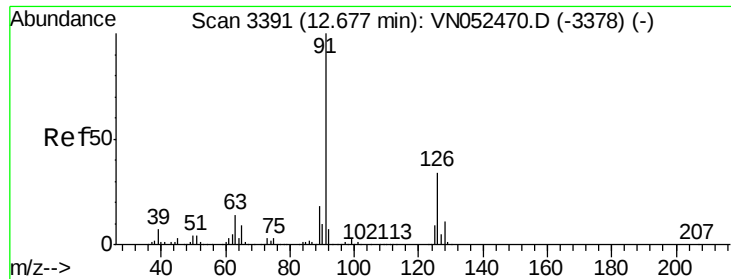
120 22.9 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

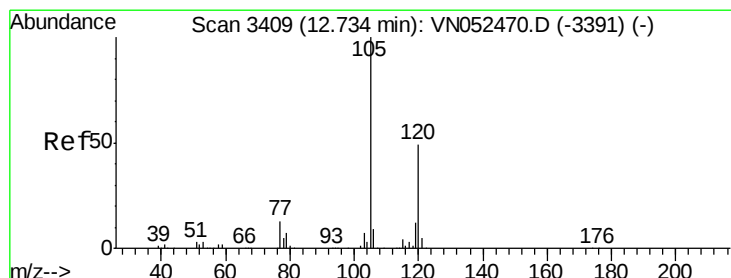
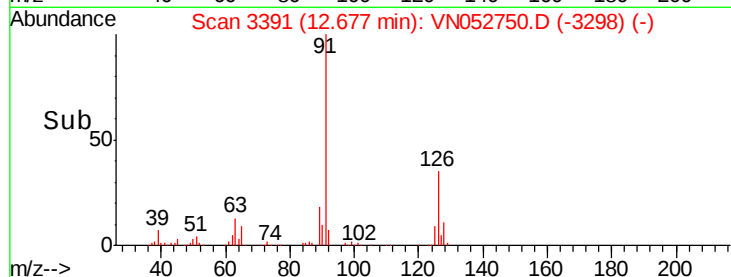
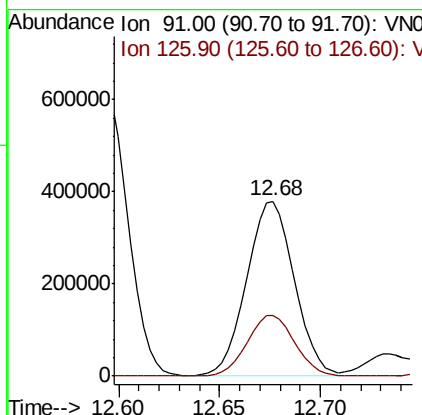
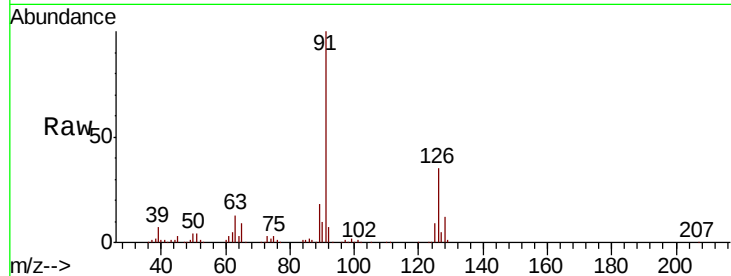




#79
 2-Chlorotoluene
 Concen: 19.115 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

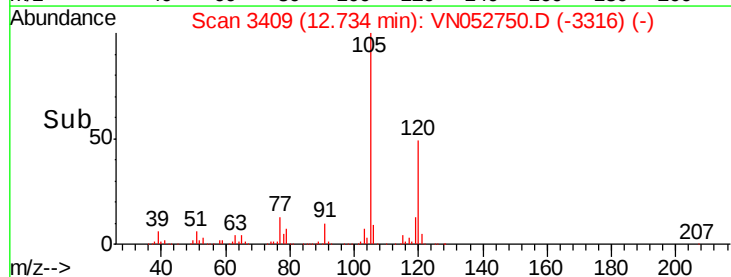
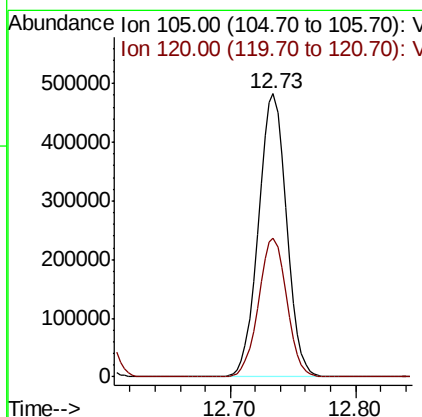
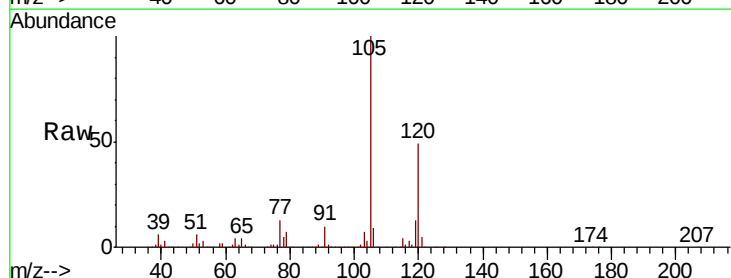
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

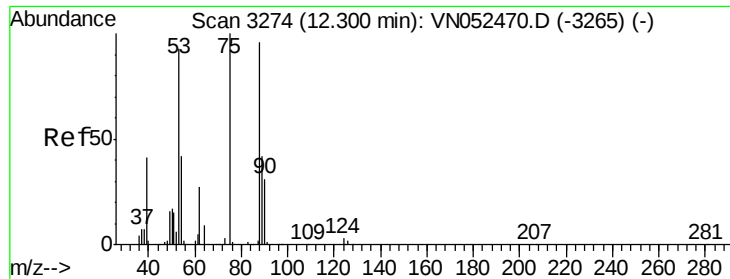
Tot Ion: 91 Resp: 625758
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.2 51.6



#80
 1,3,5-Trimethylbenzene
 Concen: 19.465 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion: 105 Resp: 751195
 Ion Ratio Lower Upper
 105 100
 120 49.4 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.662 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

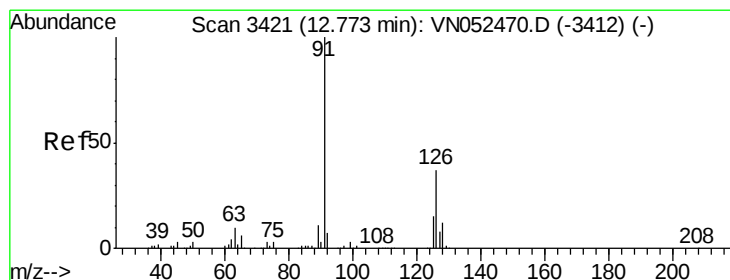
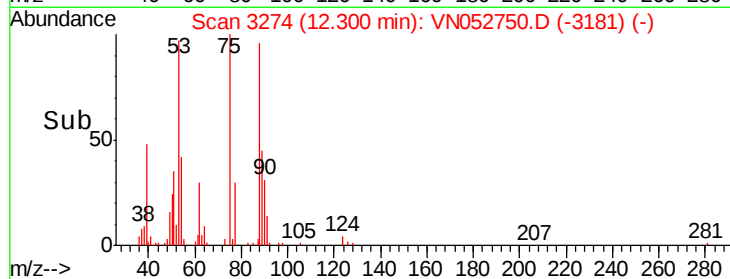
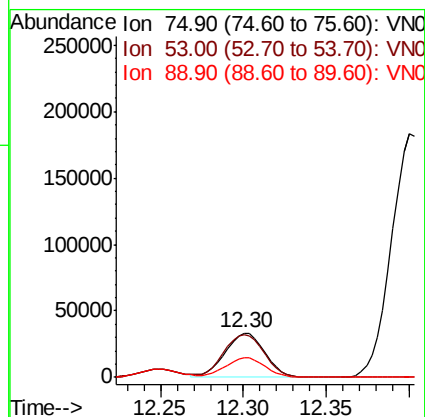
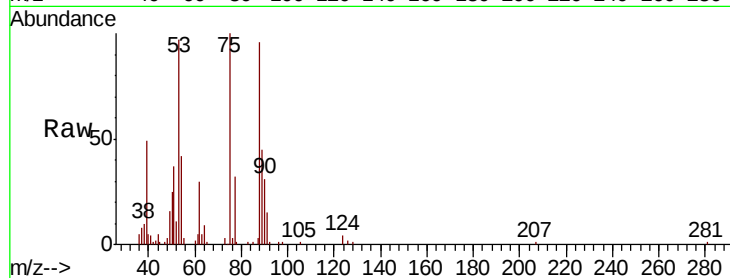
Tot Ion: 75 Resp: 55999

Ion Ratio Lower Upper

75 100

53 98.5 77.4 116.0

89 44.0 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.209 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052750.D

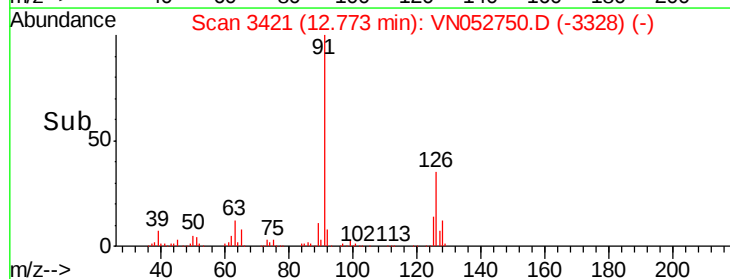
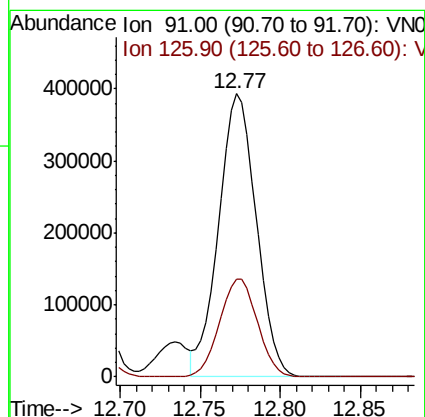
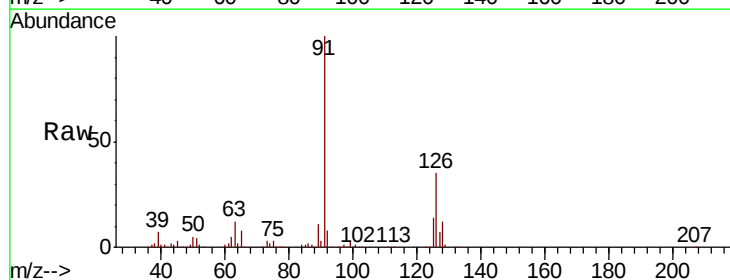
Acq: 10 Dec 2018 13:50

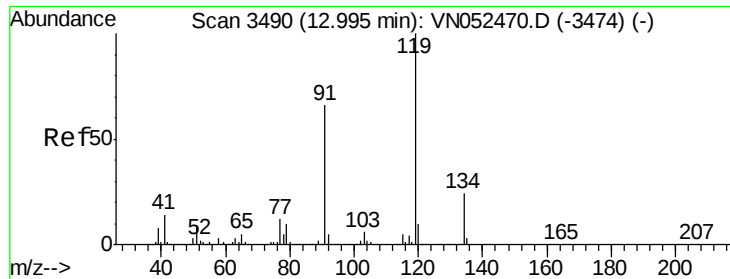
Tgt Ion: 91 Resp: 633765

Ion Ratio Lower Upper

91 100

126 34.9 16.9 50.6

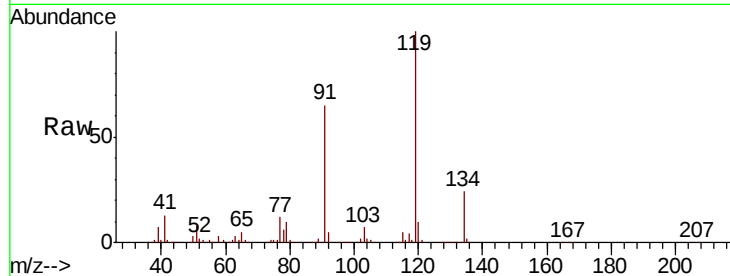




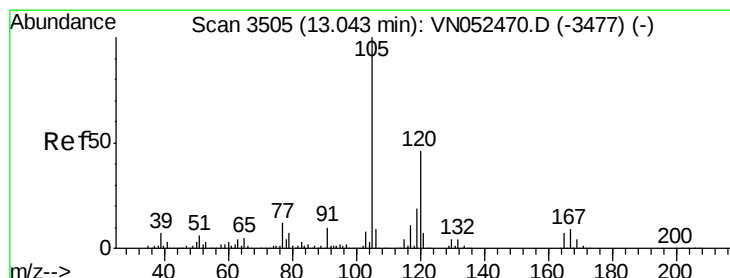
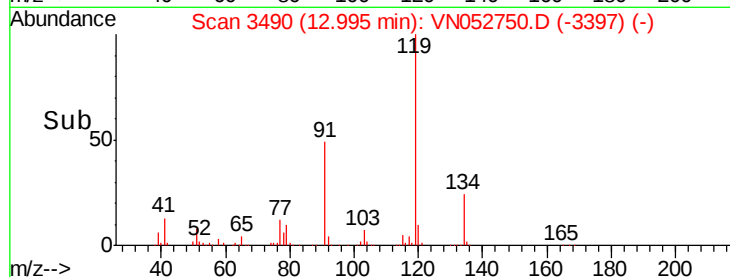
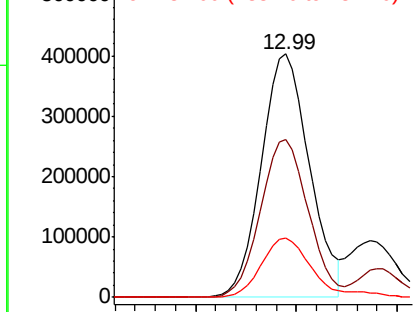
#83
 tert-Butylbenzene
 Concen: 19.459 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1210WBSD02

Tot Ion:119 Resp: 669511
 Ion Ratio Lower Upper
 119 100
 91 64.5 32.3 96.9
 134 25.9 13.0 38.9

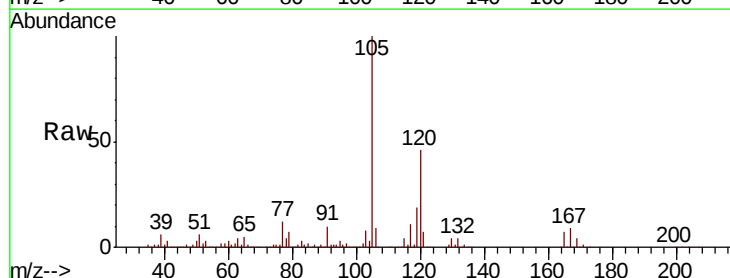


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

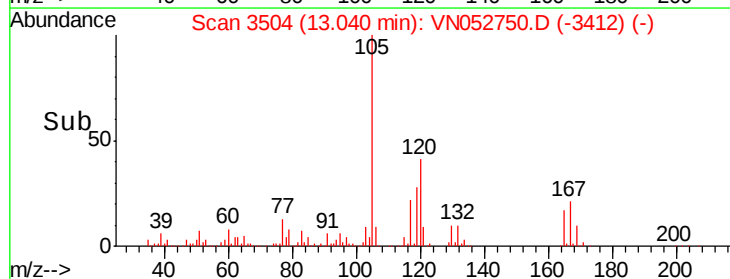
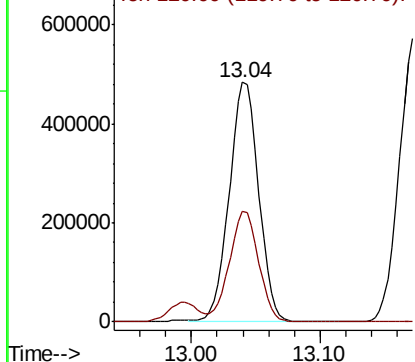


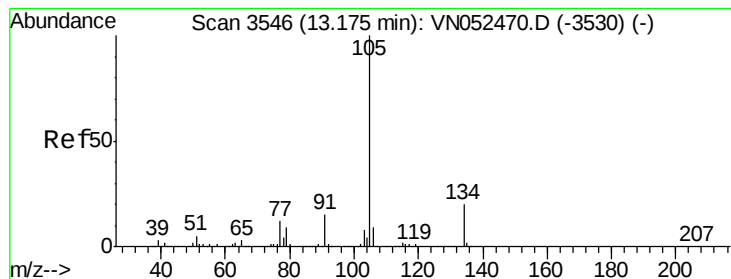
#84
 1,2,4-Trimethylbenzene
 Concen: 19.778 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion:105 Resp: 764940
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.421 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

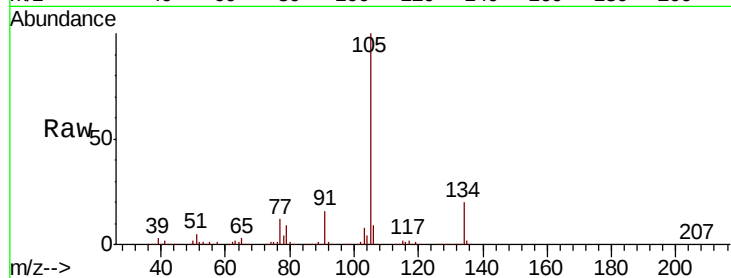
VN1210WBSD02

Tot Ion:105 Resp: 910119

Ion Ratio Lower Upper

105 100

134 20.2 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

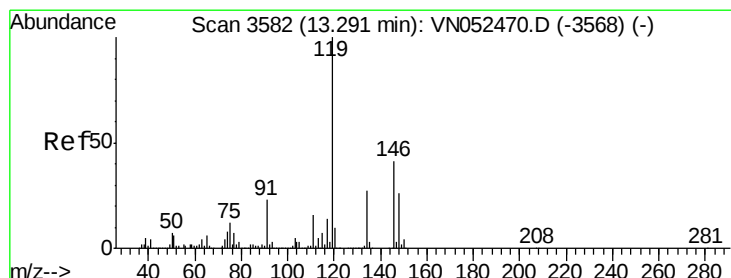
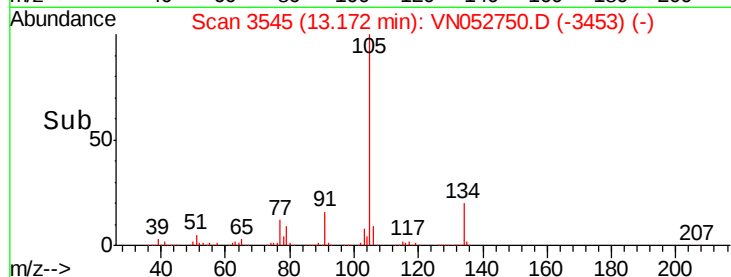
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.550 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

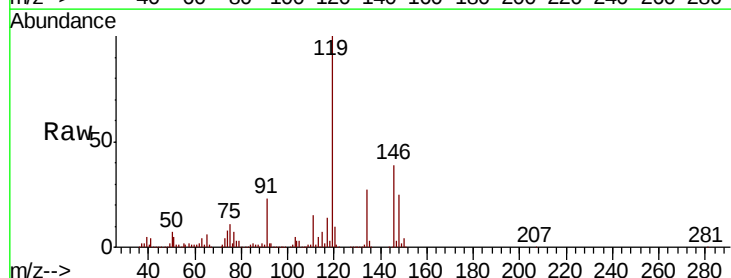
Tgt Ion:119 Resp: 780310

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.2

91 22.4 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.29

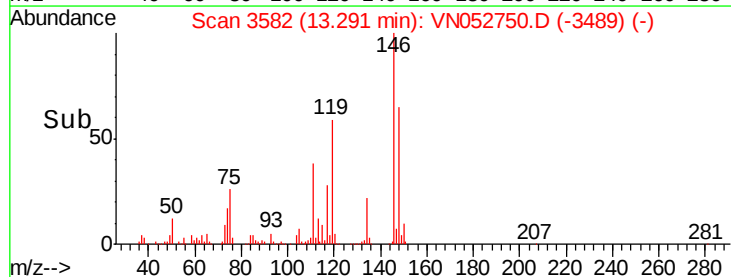
600000

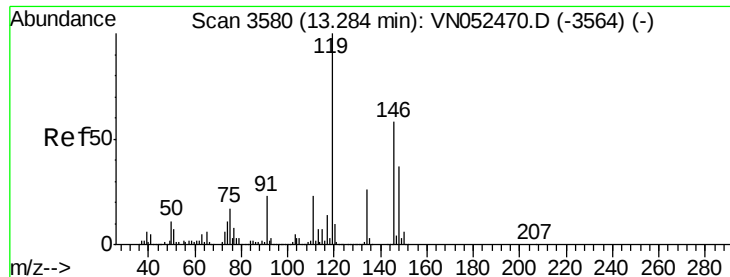
400000

200000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 19.852 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

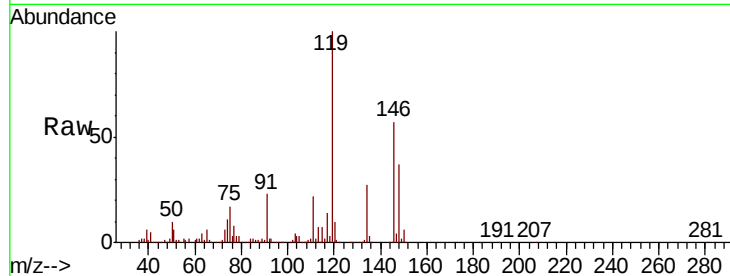
Tot Ion:146 Resp: 415331

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.4

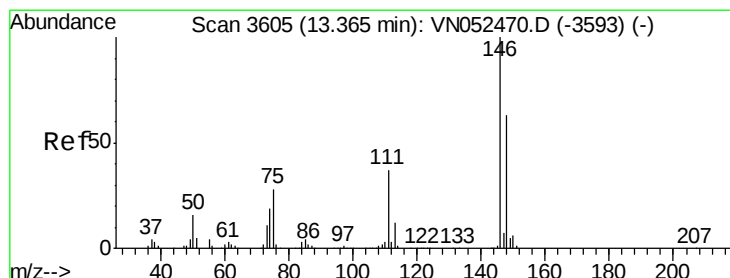
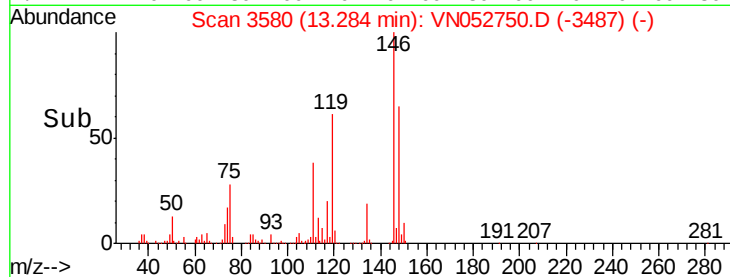
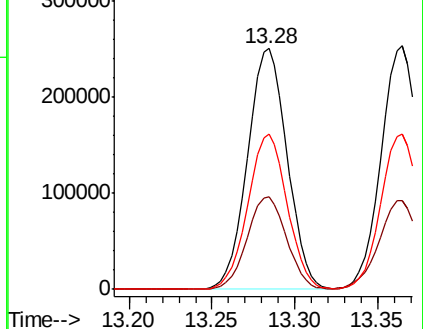
148 64.0 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.874 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

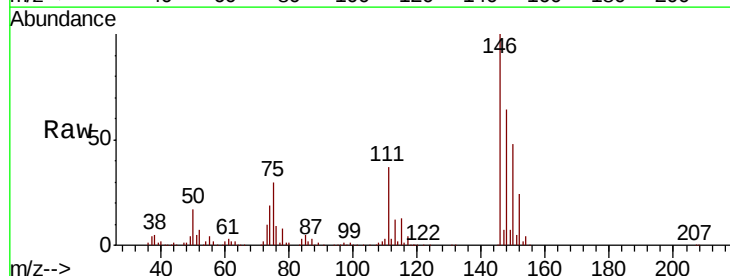
Tgt Ion:146 Resp: 409561

Ion Ratio Lower Upper

146 100

111 38.1 18.6 56.0

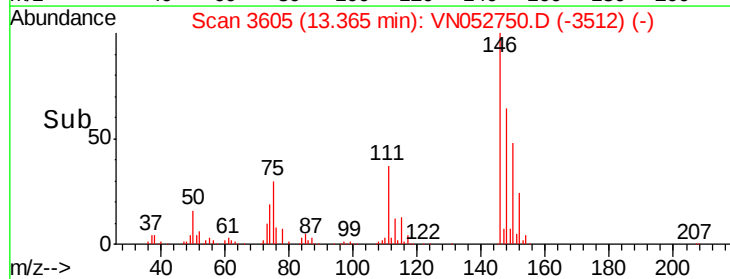
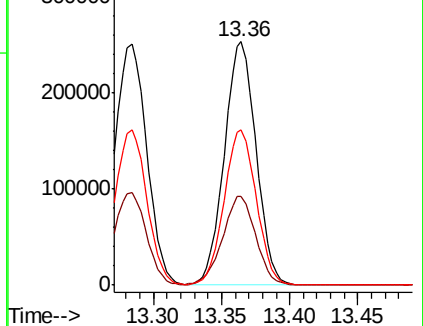
148 64.6 31.9 95.9

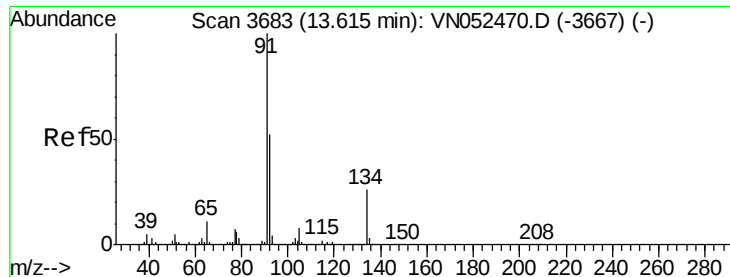


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 19.587 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

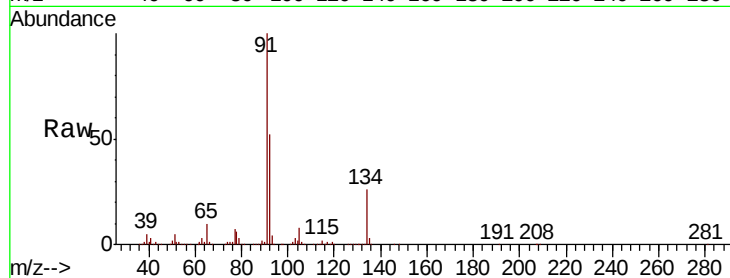
Tot Ion: 91 Resp: 650190

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.3

134 26.0 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN052750.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052750.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052750.D (-3667) (-)

13.62

400000

300000

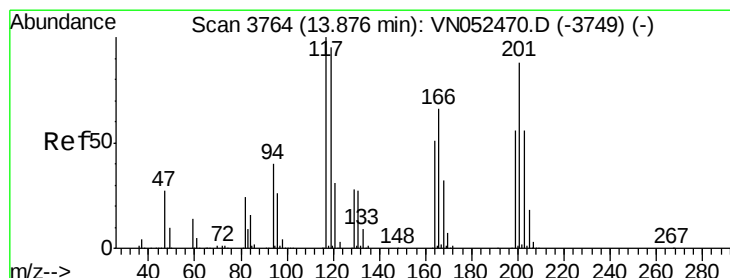
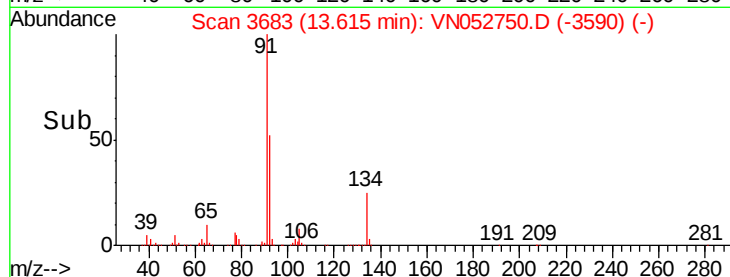
200000

100000

0

13.60 13.70

Time-->



#90

Hexachloroethane

Concen: 18.872 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052750.D

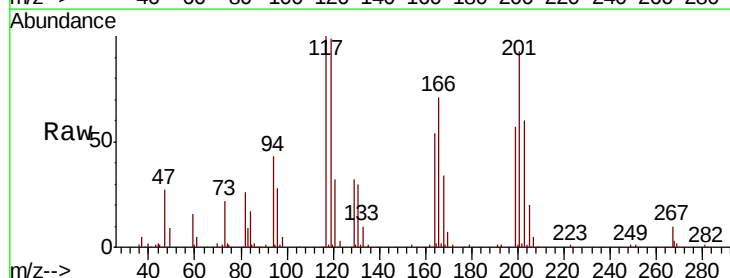
Acq: 10 Dec 2018 13:50

Tgt Ion: 117 Resp: 127543

Ion Ratio Lower Upper

117 100

201 90.4 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VN052750.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052750.D (-3749) (-)

13.88

80000

60000

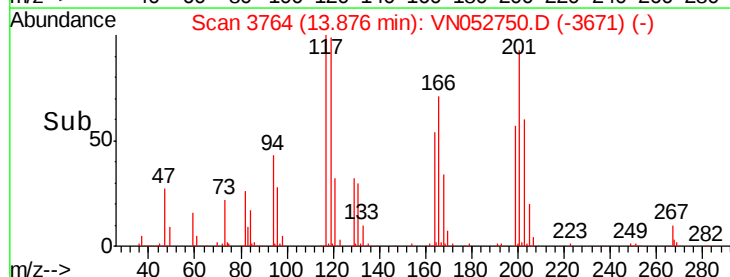
40000

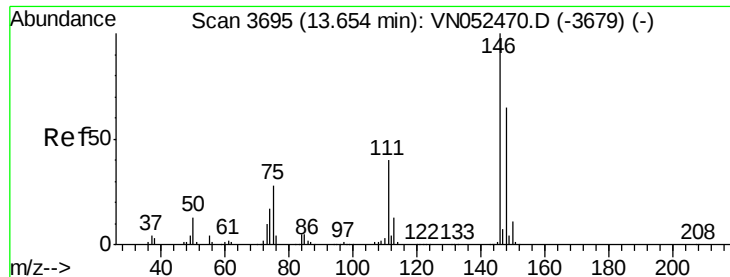
20000

0

13.80 13.85 13.90 13.95

Time-->

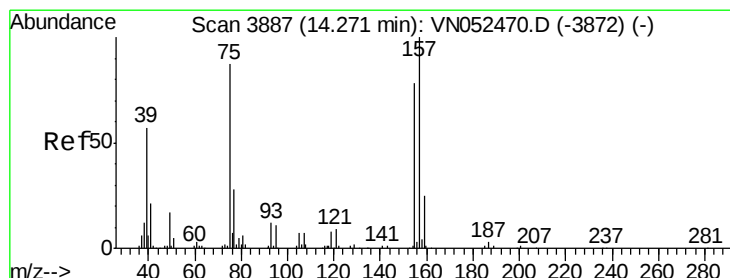
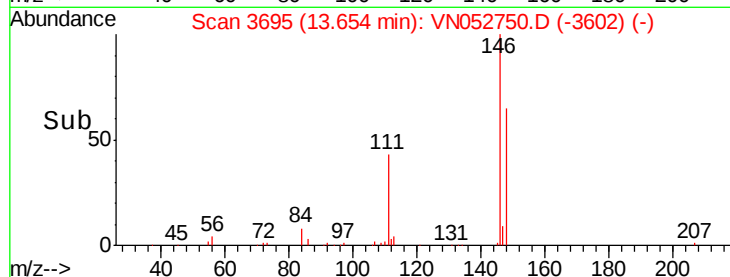
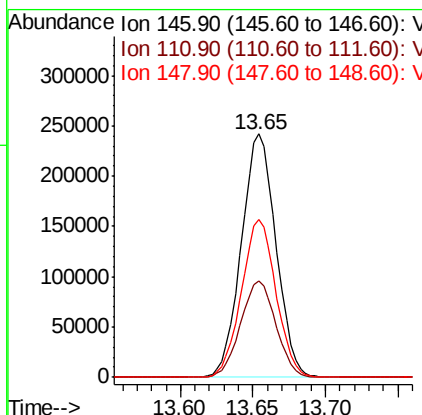
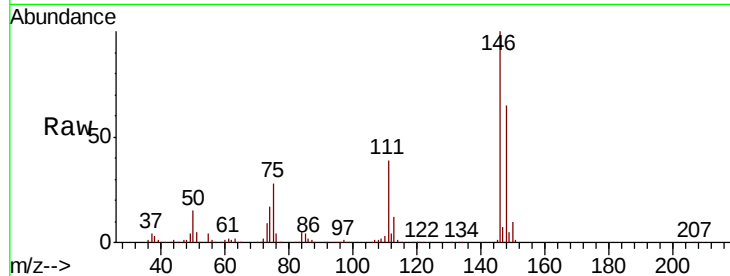




#91
 1,2-Dichlorobenzene
 Concen: 20.113 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

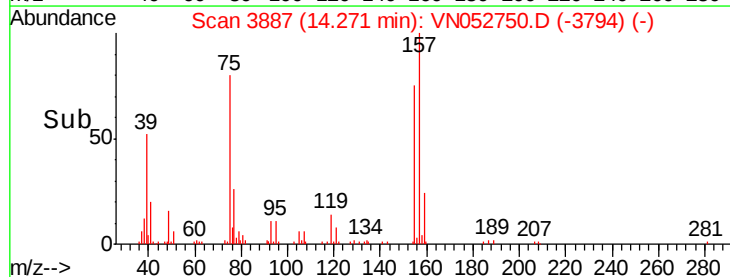
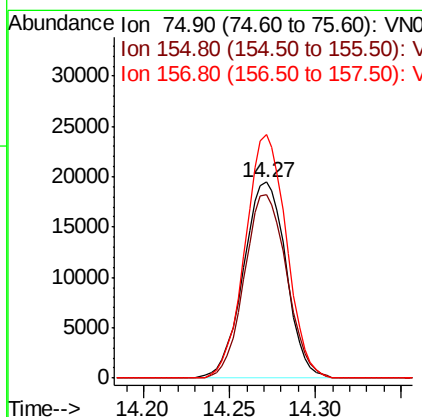
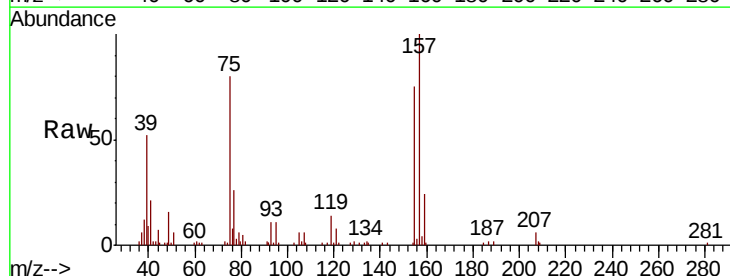
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

Tot Ion:146 Resp: 402031
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.0 60.0
 148 64.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.220 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion: 75 Resp: 33408
 Ion Ratio Lower Upper
 75 100
 155 93.2 45.3 135.9
 157 120.1 58.1 174.2

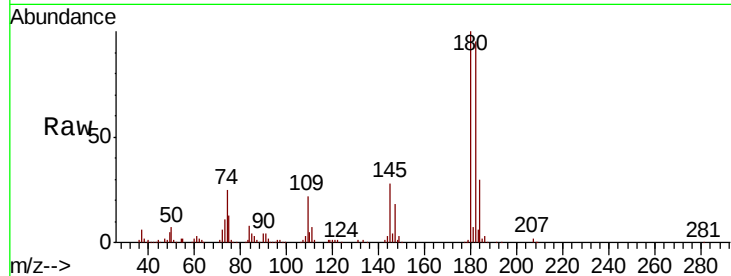




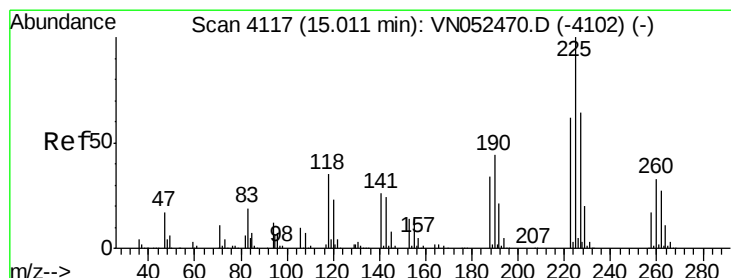
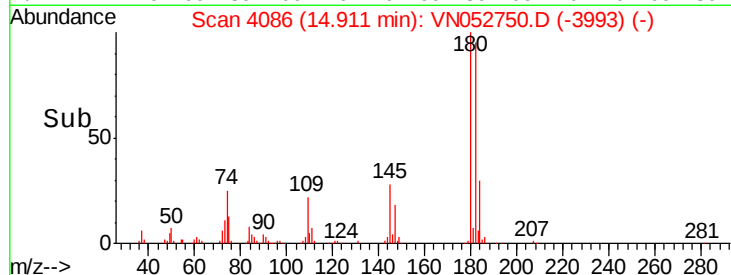
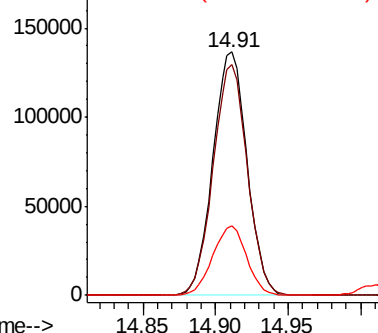
#93
 1,2,4-Trichlorobenzene
 Concen: 22.088 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	28.4	14.1	42.3

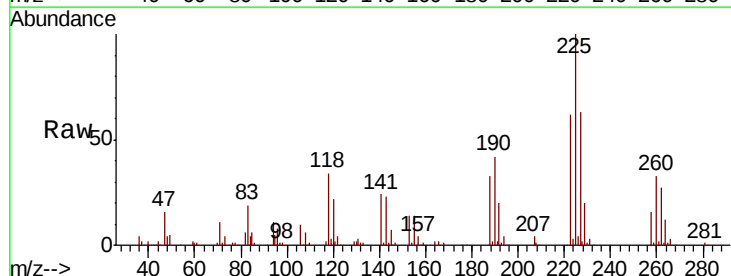


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

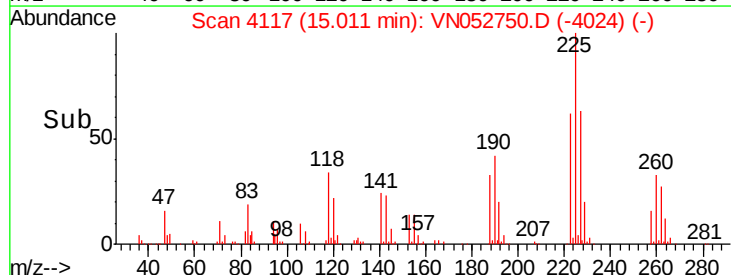
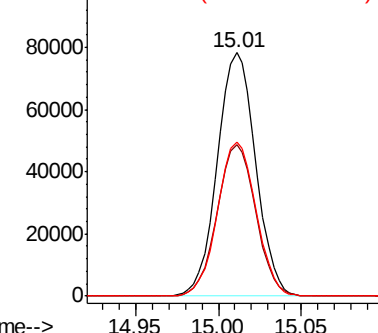


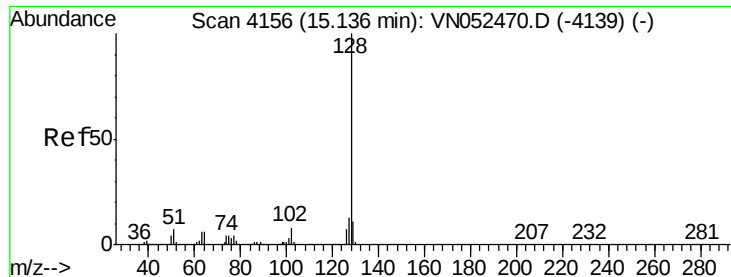
#94
 Hexachlorobutadiene
 Concen: 19.594 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052750.D
 Acq: 10 Dec 2018 13:50

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.2
227	63.5	32.5	97.4



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





#95

Naphthalene

Concen: 22.820 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

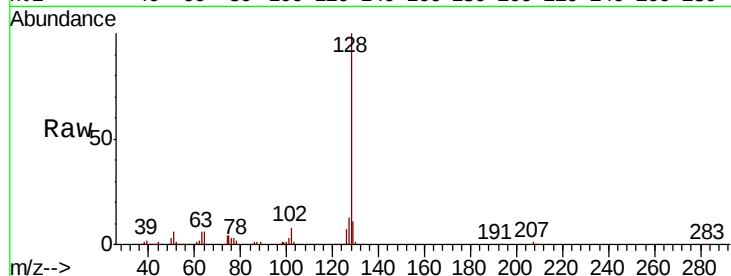
Tot Ion:128 Resp: 483436

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.2

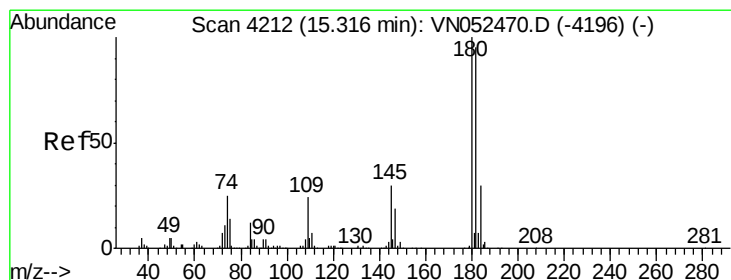
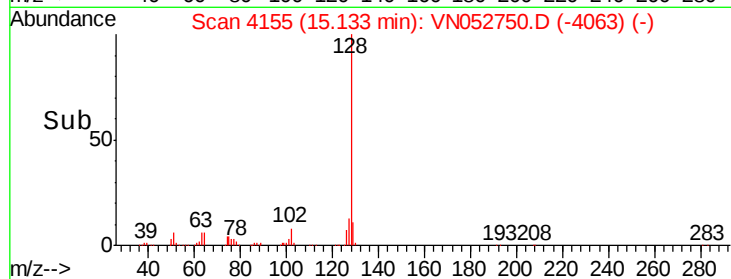
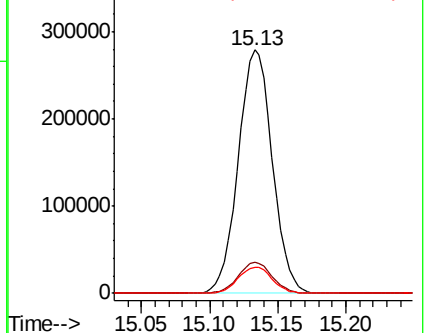
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.295 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052750.D

Acq: 10 Dec 2018 13:50

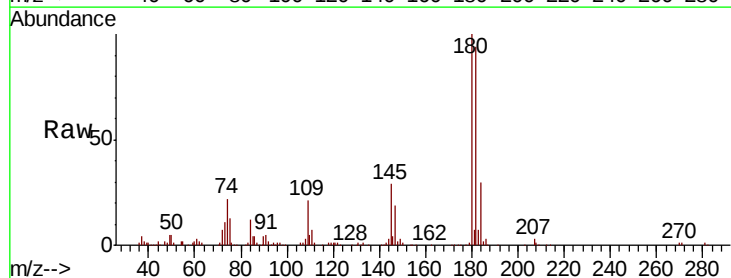
Tgt Ion:180 Resp: 208366

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.3

145 30.2 15.2 45.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

