

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052794.D
 Acq On : 11 Dec 2018 11:17
 Operator : MD\SY
 Sample : VN1211WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Quant Time: Dec 12 00:26:07 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	925869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1423003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1260544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	595351	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	524190	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
35) Dibromofluoromethane	7.59	113	427125	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
50) Toluene-d8	10.09	98	1812919	53.09	ug/l	0.00
Spiked Amount			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.40	95	628046	54.73	ug/l	0.00
Spiked Amount			Recovery	=	109.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	139332	16.072	ug/l	99
3) Chloromethane	2.06	50	185581	16.217	ug/l	99
4) Vinyl Chloride	2.19	62	197654	16.814	ug/l	100
5) Bromomethane	2.58	94	120082	16.372	ug/l	98
6) Chloroethane	2.71	64	125633	17.644	ug/l	100
7) Trichlorofluoromethane	3.03	101	266172	18.433	ug/l	100
8) Diethyl Ether	3.41	74	107294	20.121	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.77	101	171226	19.004	ug/l	99
10) Methyl Iodide	3.96	142	207281	17.273	ug/l	99
11) Tert butyl alcohol	4.78	59	54651	108.288	ug/l #	87
12) 1,1-Dichloroethene	3.74	96	159437	18.383	ug/l	98
13) Acrolein	3.61	56	43157	49.202	ug/l	96
14) Allyl chloride	4.33	41	260592	17.433	ug/l	97
15) Acrylonitrile	4.99	53	325308	101.827	ug/l	99
16) Acetone	3.81	43	238396	89.657	ug/l	99
17) Carbon Disulfide	4.06	76	400827	14.686	ug/l	99
18) Methyl Acetate	4.33	43	161536	21.179	ug/l	96
19) Methyl tert-butyl Ether	5.05	73	479886	20.796	ug/l	99
20) Methylene Chloride	4.55	84	193462	18.593	ug/l	99
21) trans-1,2-Dichloroethene	5.05	96	171234	18.486	ug/l	94
22) Diisopropyl ether	5.95	45	608737	19.387	ug/l	99
23) Vinyl Acetate	5.90	43	1823120	93.223	ug/l	99
24) 1,1-Dichloroethane	5.85	63	347000	19.356	ug/l	99
25) 2-Butanone	6.83	43	374136	99.272	ug/l	96
26) 2,2-Dichloropropane	6.82	77	256497	20.671	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	208201	19.296	ug/l	99
28) Bromochloromethane	7.20	49	155518	18.993	ug/l	96
29) Tetrahydrofuran	7.21	42	238848	98.256	ug/l	97
30) Chloroform	7.37	83	346115	19.351	ug/l	98
31) Cyclohexane	7.65	56	300872	17.099	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	282302	19.921	ug/l	99
36) 1,1-Dichloropropene	7.79	75	254141	18.912	ug/l	100
37) Ethyl Acetate	6.93	43	162289	19.789	ug/l	99
38) Carbon Tetrachloride	7.78	117	239886	19.720	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
 Data File : VN052794.D
 Acq On : 11 Dec 2018 11:17
 Operator : MD\SY
 Sample : VN1211WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Quant Time: Dec 12 00:26:07 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)
39) Methylcyclohexane	9.08	83	289545	17.727	ug/l	98
40) Benzene	8.04	78	778580	19.442	ug/l	100
41) Methacrylonitrile	7.17	41	92678	20.671	ug/l	94
42) 1,2-Dichloroethane	8.13	62	243730	20.100	ug/l	99
43) Isopropyl Acetate	8.17	43	313988	22.624	ug/l	96
44) Trichloroethene	8.84	130	209768	20.449	ug/l	98
45) 1,2-Dichloropropane	9.12	63	212157	19.926	ug/l	98
46) Dibromomethane	9.21	93	122252	20.742	ug/l	97
47) Bromodichloromethane	9.40	83	258167	20.146	ug/l	98
48) Methyl methacrylate	9.20	41	148638	20.540	ug/l	99
49) 1,4-Dioxane	9.20	88	32067	426.966	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	827060	106.212	ug/l	98
52) Toluene	10.16	92	476581	20.030	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	258301	20.952	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	303356	20.534	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	178845	21.369	ug/l	98
56) Ethyl methacrylate	10.43	69	230871	21.488	ug/l	98
57) 1,3-Dichloropropane	10.71	76	307179	20.786	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	639044	105.224	ug/l	98
59) 2-Hexanone	10.75	43	574187	109.868	ug/l	99
60) Dibromochloromethane	10.90	129	194998	21.451	ug/l	97
61) 1,2-Dibromoethane	11.01	107	174264	20.963	ug/l	99
64) Tetrachloroethene	10.63	164	223055	22.823	ug/l	98
65) Chlorobenzene	11.43	112	531378	20.444	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	190019	21.025	ug/l	99
67) Ethyl Benzene	11.51	91	913867	20.077	ug/l	99
68) m/p-Xylenes	11.62	106	690121	40.727	ug/l	99
69) o-Xylene	11.95	106	341971	20.782	ug/l	98
70) Styrene	11.96	104	555556	21.197	ug/l	99
71) Bromoform	12.13	173	129403	21.625	ug/l #	100
73) Isopropylbenzene	12.25	105	904241	19.359	ug/l	99
74) N-amyl acetate	12.07	43	254638	21.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	205680	19.358	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	262534	28.596	ug/l #	100
77) Bromobenzene	12.53	156	233670	20.240	ug/l	96
78) n-propylbenzene	12.59	91	1026928	19.353	ug/l	99
79) 2-Chlorotoluene	12.68	91	617118	19.529	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	731068	19.625	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	54385	19.783	ug/l	99
82) 4-Chlorotoluene	12.77	91	627450	19.702	ug/l	100
83) tert-Butylbenzene	12.99	119	652464	19.646	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	743366	19.912	ug/l	100
85) sec-Butylbenzene	13.17	105	881520	19.488	ug/l	100
86) p-Isopropyltoluene	13.29	119	755565	19.611	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	404950	20.052	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	398736	20.045	ug/l	98
89) n-Butylbenzene	13.62	91	626399	19.550	ug/l	99
90) Hexachloroethane	13.88	117	123862	18.987	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	393740	20.407	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32610	21.459	ug/l	99

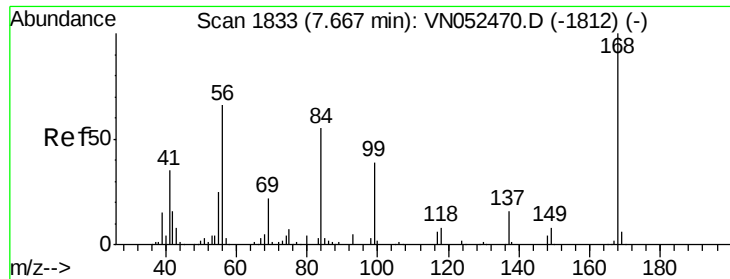
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121118\
Data File : VN052794.D
Acq On : 11 Dec 2018 11:17
Operator : MD\SY
Sample : VN1211WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Quant Time: Dec 12 00:26:07 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)
93) 1,2,4-Trichlorobenzene	14.91	180	213808	21.914	ug/l	99
94) Hexachlorobutadiene	15.01	225	127683	20.571	ug/l	97
95) Naphthalene	15.14	128	452489	22.231	ug/l	99
96) 1,2,3-Trichlorobenzene	15.32	180	199571	22.143	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: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

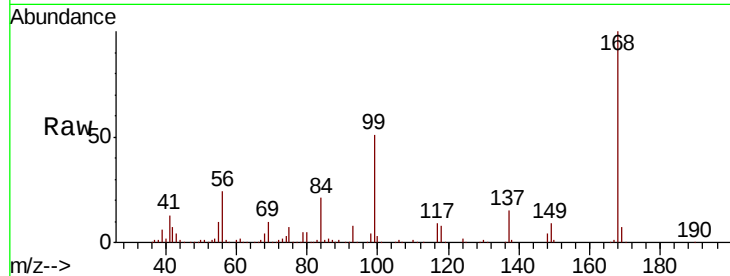
VN1211WBSD01

Tot Ion:168 Resp: 925869

Ion Ratio Lower Upper

168 100

99 50.5 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

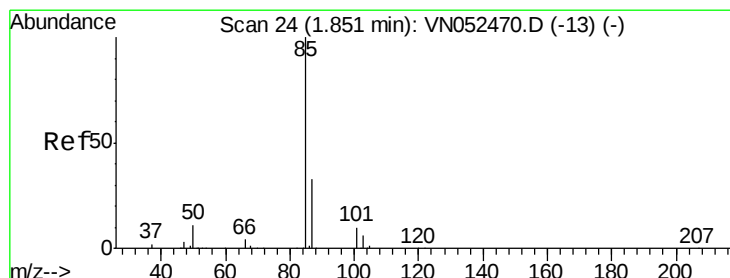
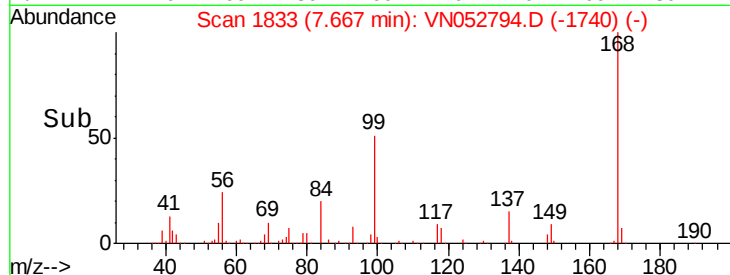
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.072 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN052794.D

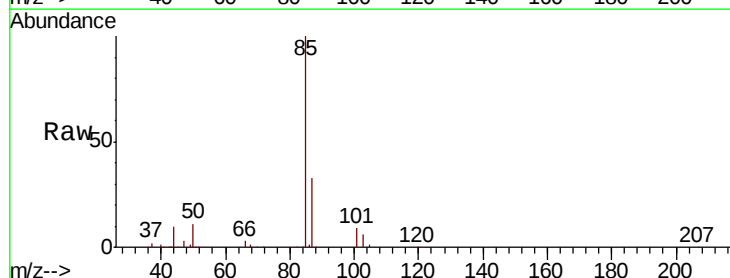
Acq: 11 Dec 2018 11:17

Tgt Ion: 85 Resp: 139332

Ion Ratio Lower Upper

85 100

87 32.7 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

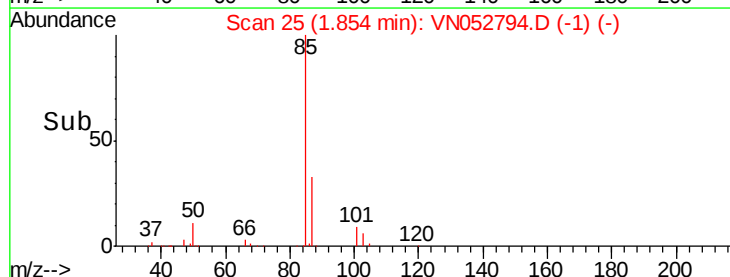
40000

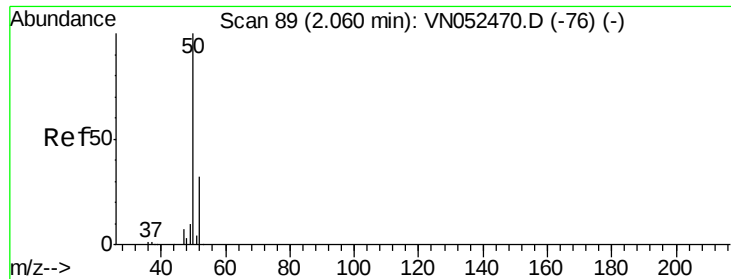
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 16.217 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

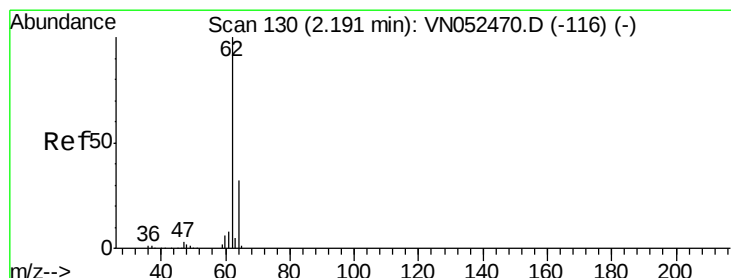
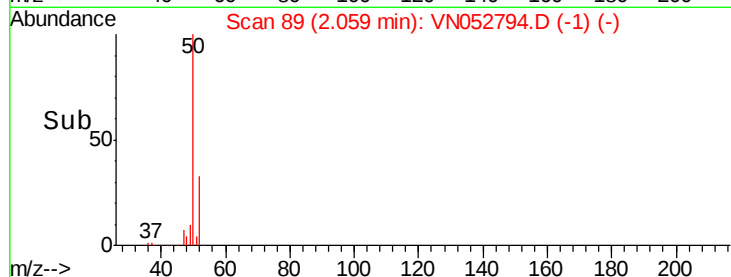
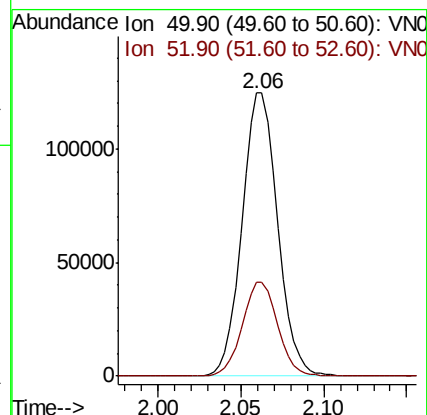
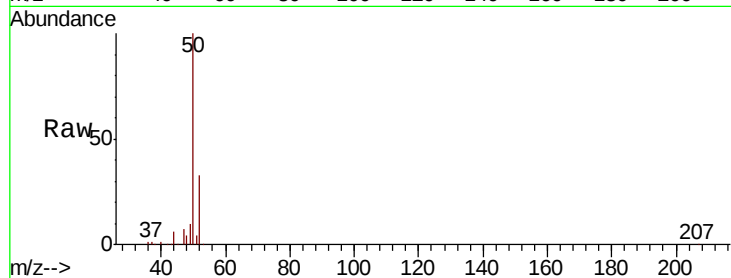
VN1211WBSD01

Tot Ion: 50 Resp: 185581

Ion Ratio Lower Upper

50 100

52 33.0 25.9 38.9



#4

Vinyl Chloride

Concen: 16.814 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN052794.D

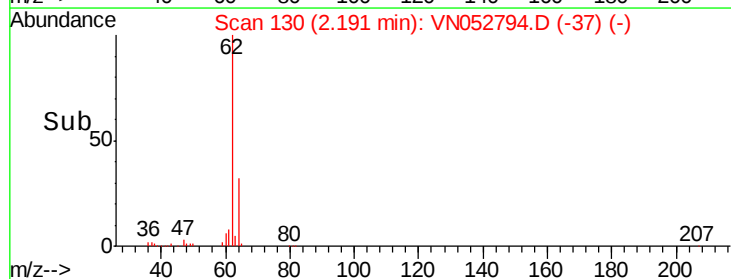
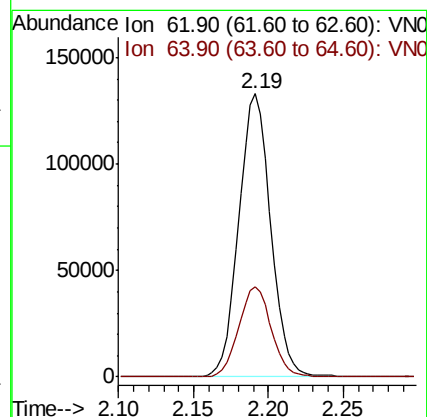
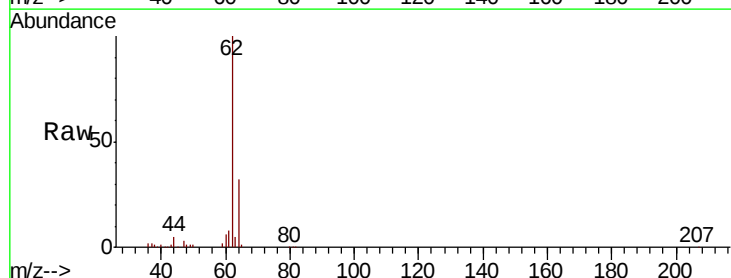
Acq: 11 Dec 2018 11:17

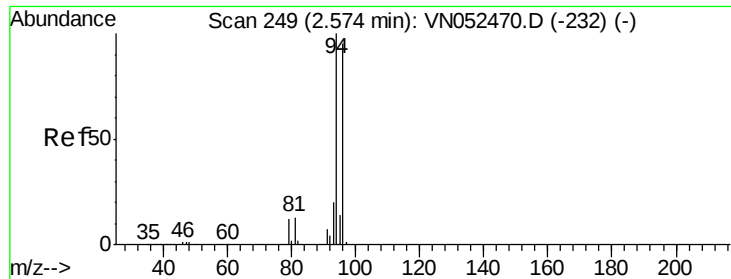
Tgt Ion: 62 Resp: 197654

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.2





#5

Bromomethane

Concen: 16.372 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

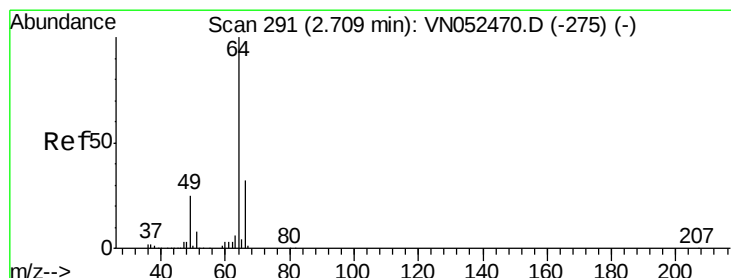
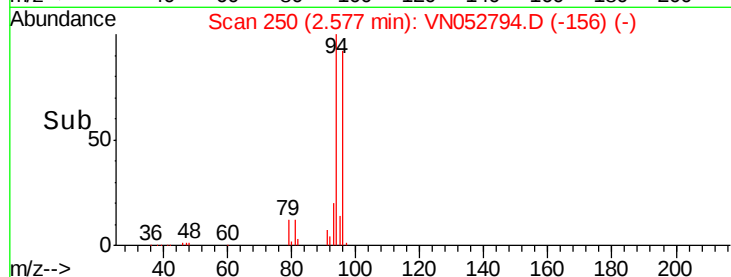
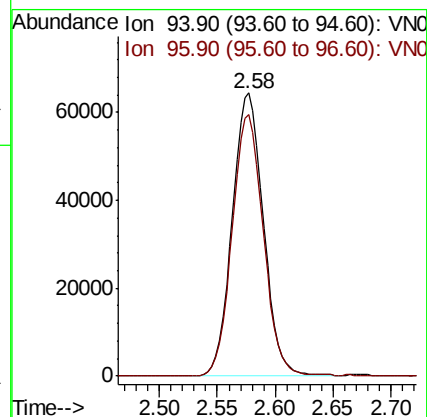
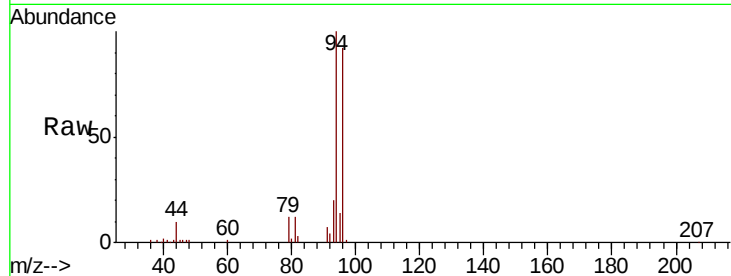
VN1211WBSD01

Tot Ion: 94 Resp: 120082

Ion Ratio Lower Upper

94 100

96 92.4 75.8 113.8



#6

Chloroethane

Concen: 17.644 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN052794.D

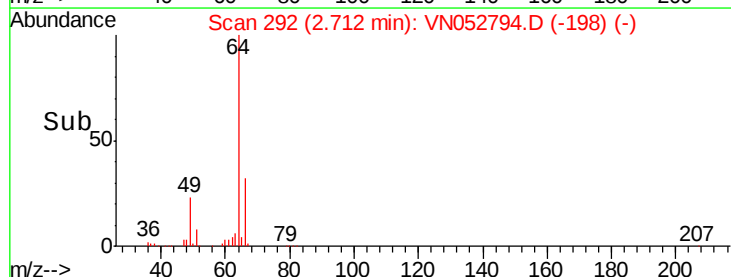
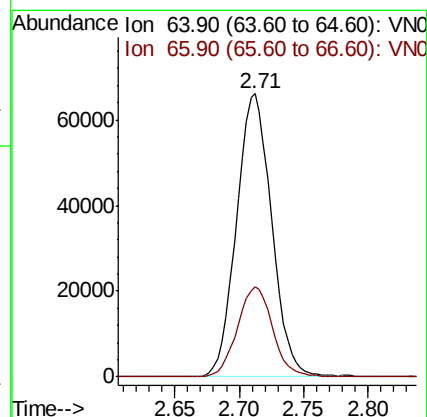
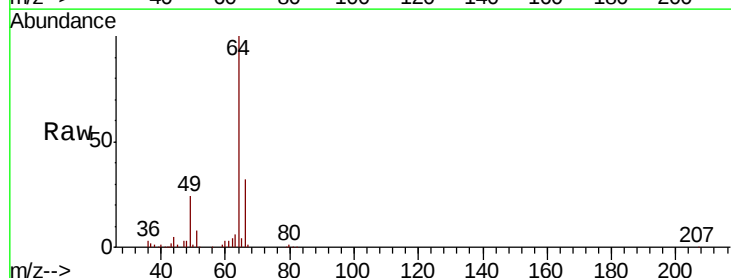
Acq: 11 Dec 2018 11:17

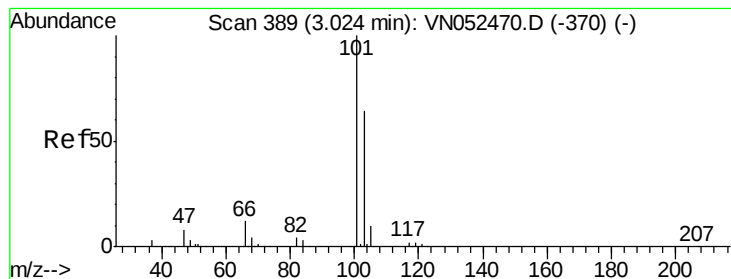
Tgt Ion: 64 Resp: 125633

Ion Ratio Lower Upper

64 100

66 31.9 25.7 38.5



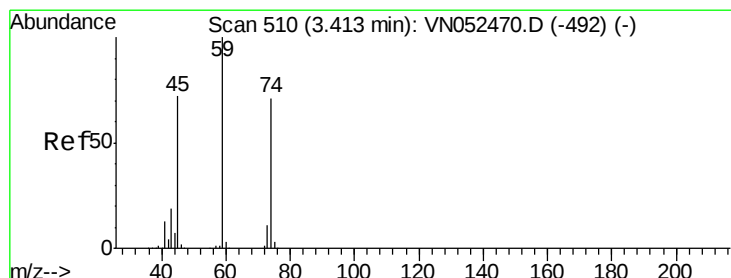
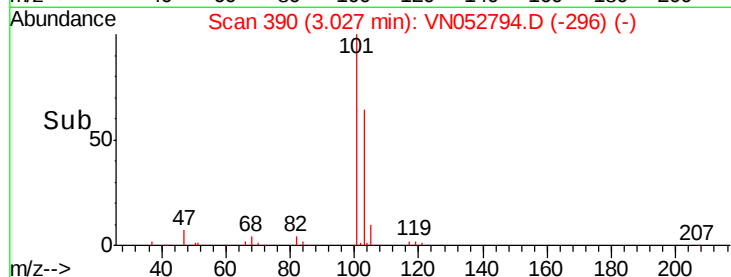
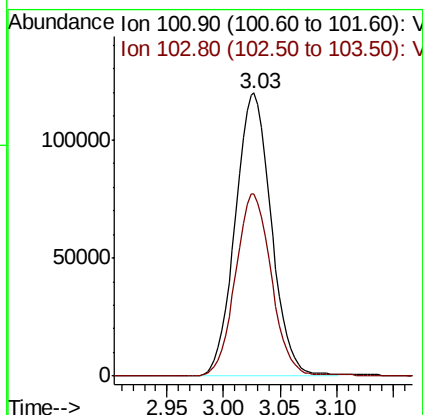
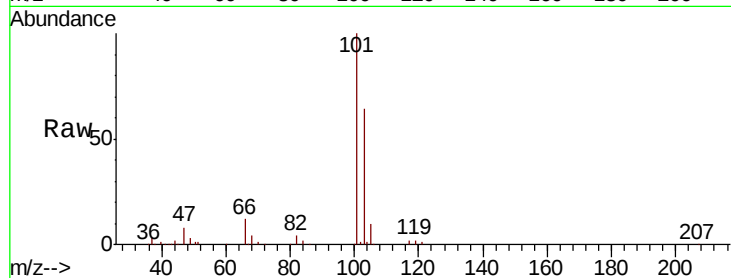


#7

Trichlorofluoromethane
Concen: 18.433 ug/l
RT: 3.03 min Scan# 390
Delta R.T. 0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

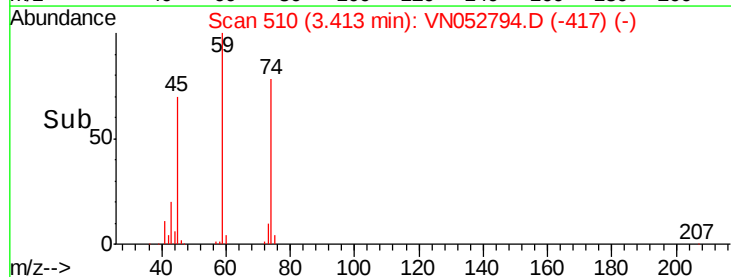
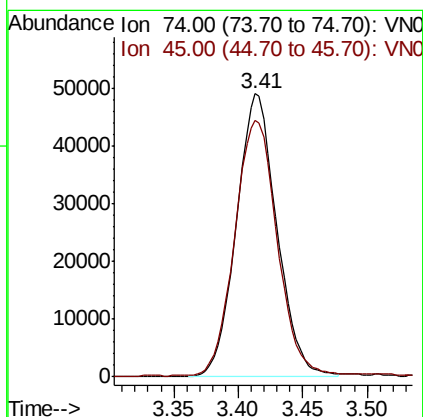
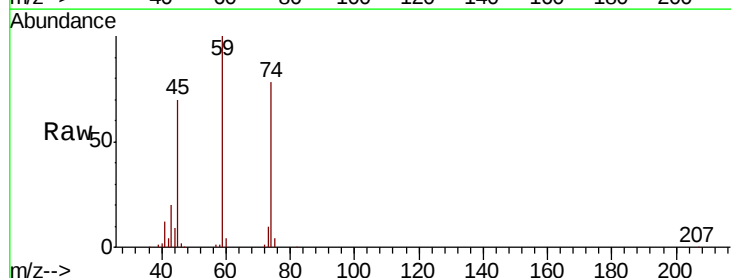
Tot Ion:101 Resp: 266172
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.2

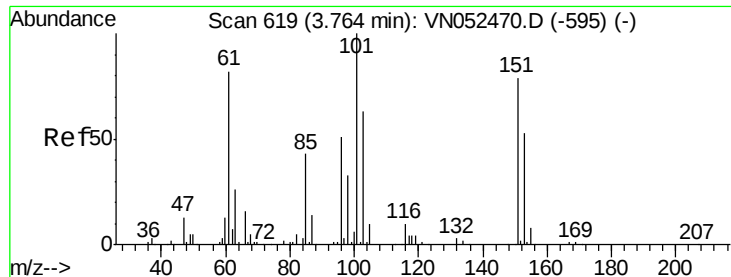


#8

Diethyl Ether
Concen: 20.121 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion: 74 Resp: 107294
Ion Ratio Lower Upper
74 100
45 94.4 50.4 151.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.004 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

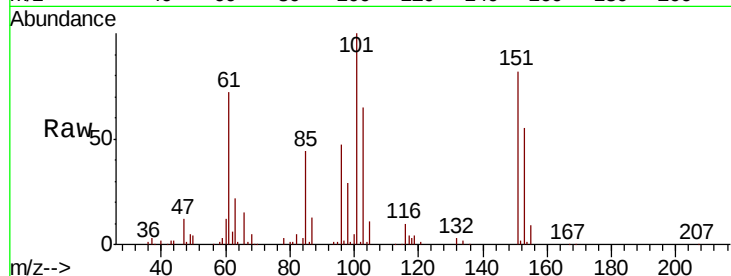
Tot Ion:101 Resp: 171226

Ion Ratio Lower Upper

101 100

85 42.2 34.2 51.4

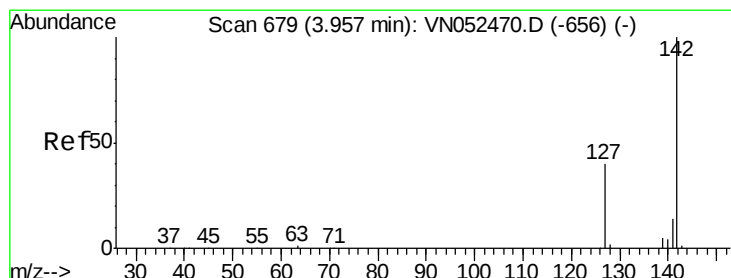
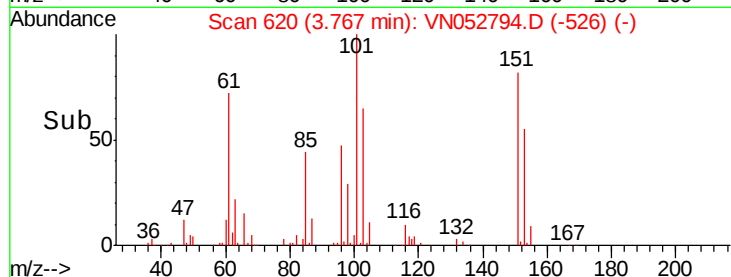
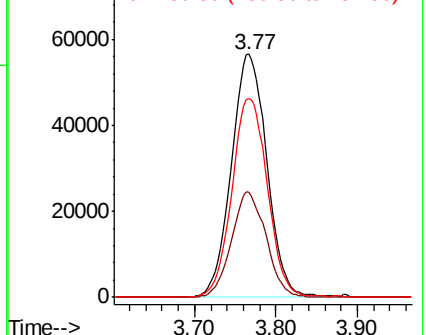
151 81.8 64.6 96.8



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: 17.273 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

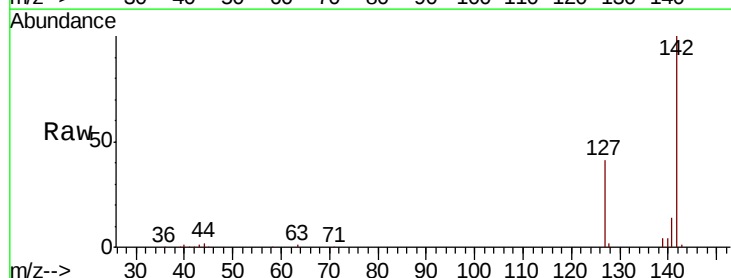
Tgt Ion:142 Resp: 207281

Ion Ratio Lower Upper

142 100

127 39.1 31.8 47.6

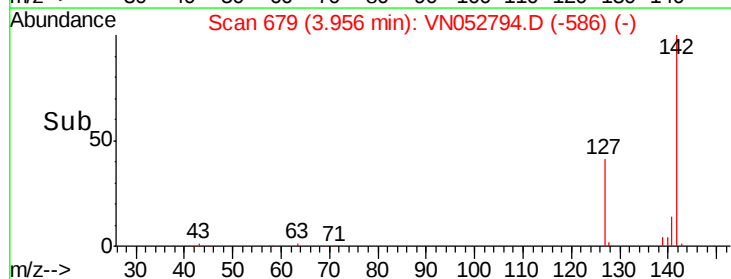
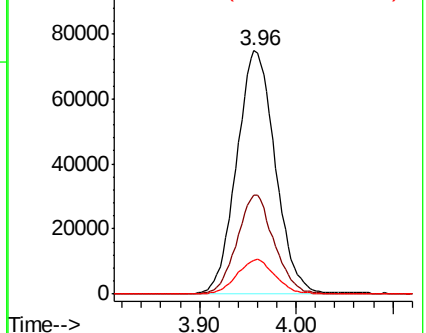
141 14.0 11.4 17.0

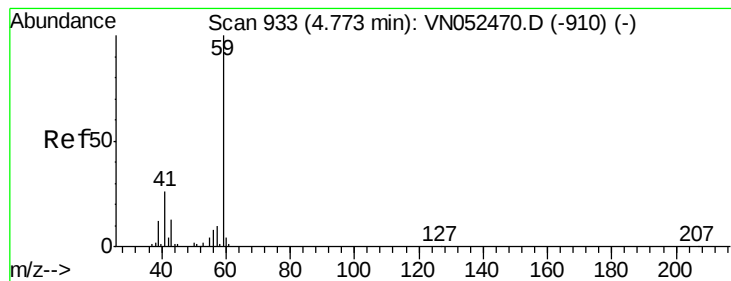


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



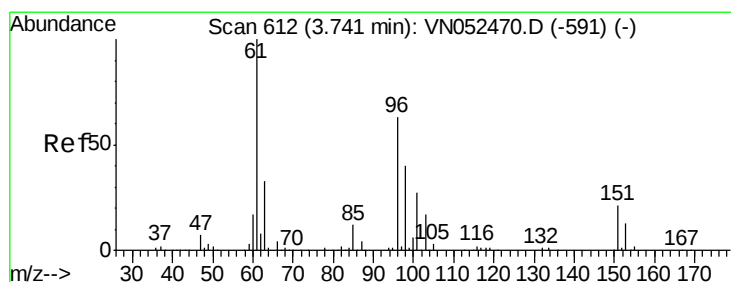
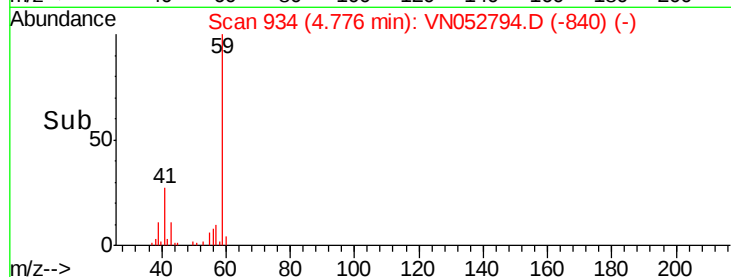
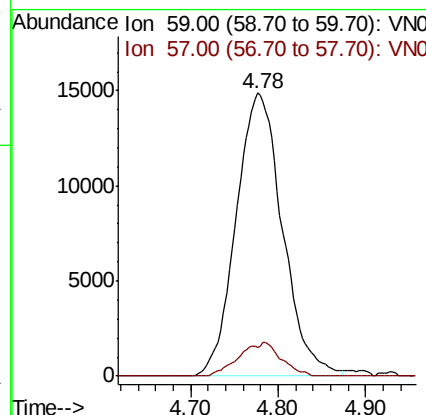
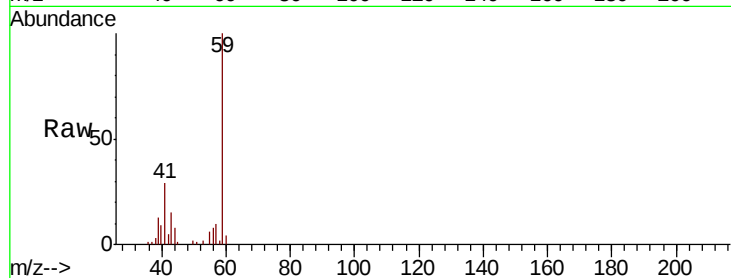


#11

Tert butyl alcohol
 Concen: 108.288 ug/l
 RT: 4.78 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

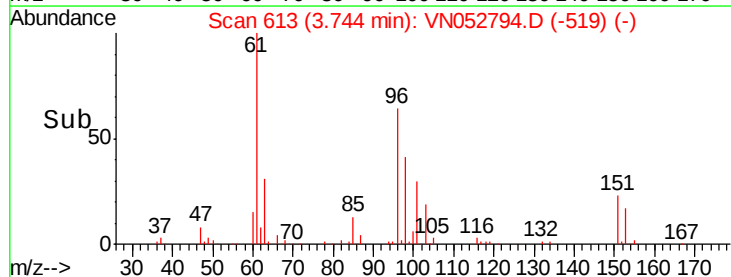
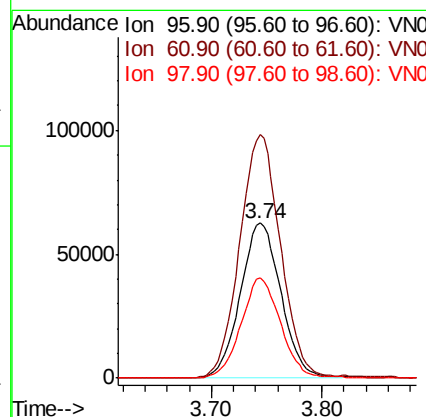
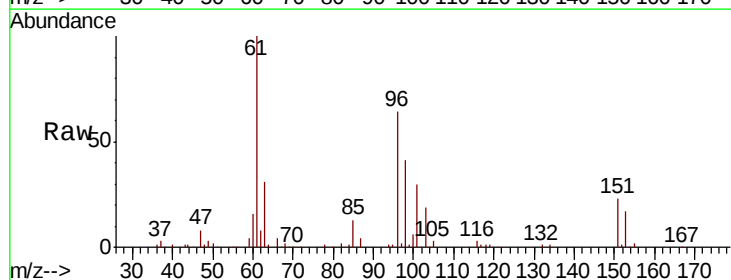
Tot Ion: 59 Resp: 54651
 Ion Ratio Lower Upper
 59 100
 57 5.2 7.9 11.9#

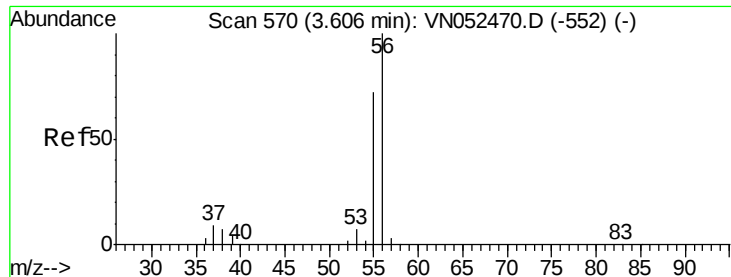


#12

1,1-Dichloroethene
 Concen: 18.383 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Tgt Ion: 96 Resp: 159437
 Ion Ratio Lower Upper
 96 100
 61 156.8 127.0 190.6
 98 64.8 50.3 75.5





#13

Acrolein

Concen: 49.202 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

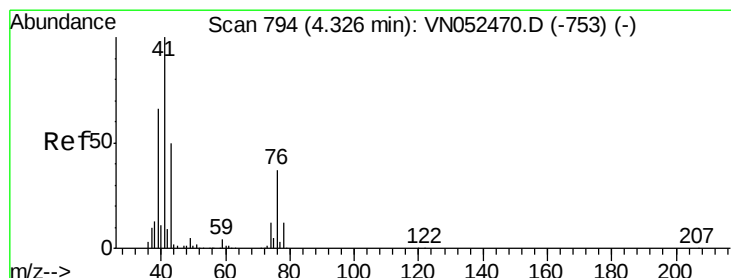
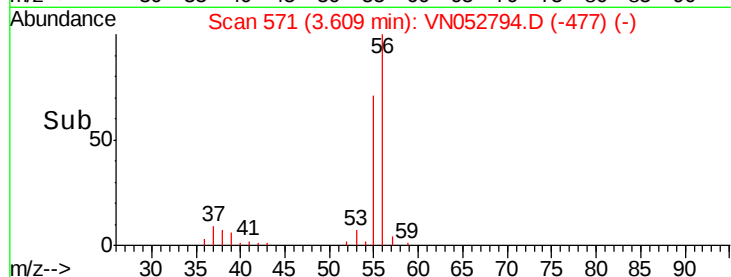
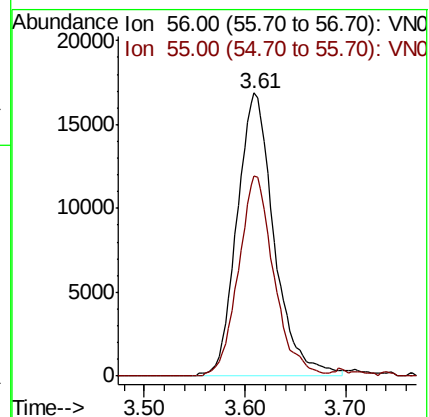
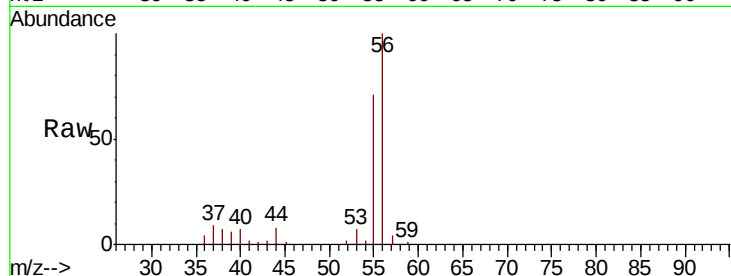
VN1211WBSD01

Tot Ion: 56 Resp: 43157

Ion Ratio Lower Upper

56 100

55 67.4 56.8 85.2



#14

Allyl chloride

Concen: 17.433 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

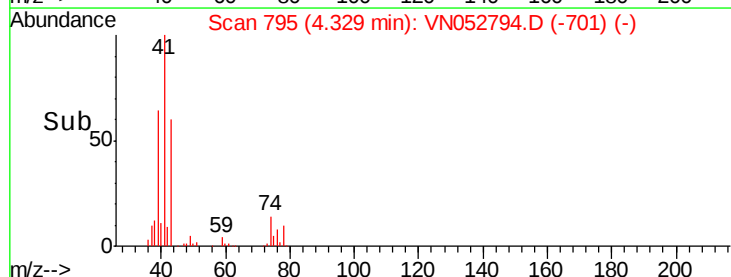
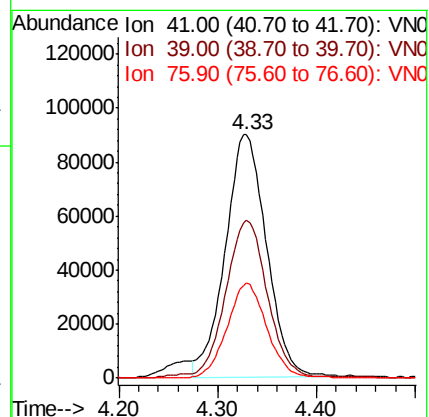
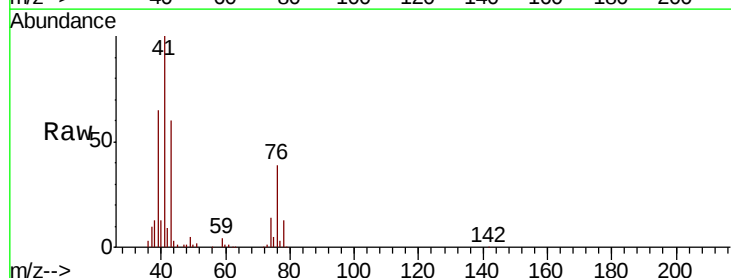
Tgt Ion: 41 Resp: 260592

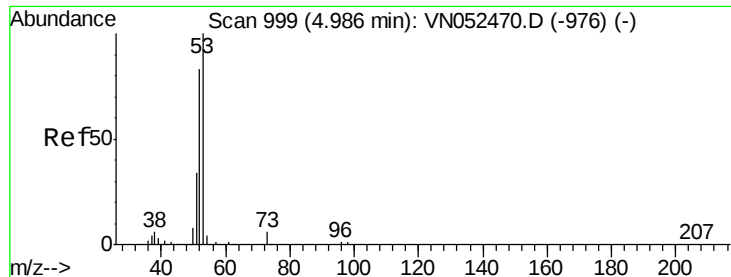
Ion Ratio Lower Upper

41 100

39 64.9 50.6 76.0

76 37.3 27.4 41.2





#15

Acrylonitrile

Concen: 101.827 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

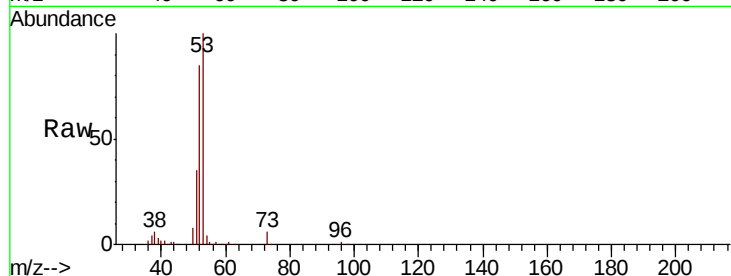
Tot Ion: 53 Resp: 325308

Ion Ratio Lower Upper

53 100

52 83.2 66.2 99.2

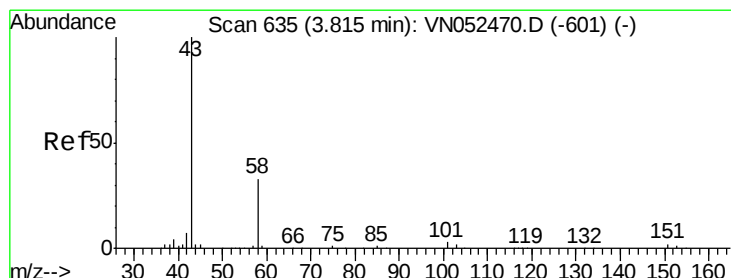
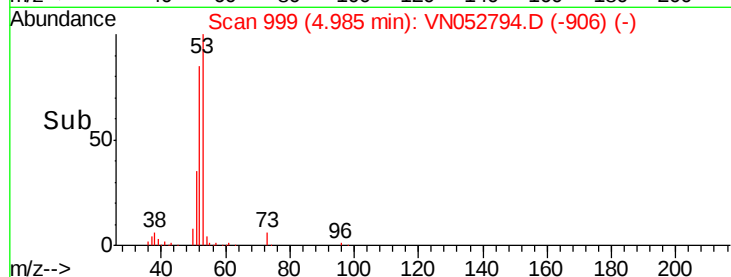
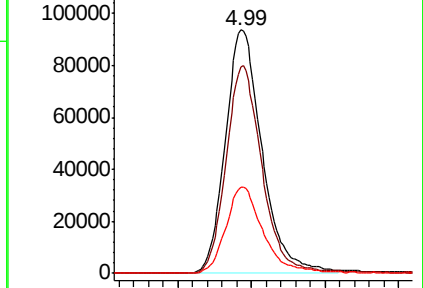
51 36.0 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN052794.D (-906) (-)

Ion 52.00 (51.70 to 52.70): VN052794.D (-906) (-)

Ion 51.00 (50.70 to 51.70): VN052794.D (-906) (-)



#16

Acetone

Concen: 89.657 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052794.D

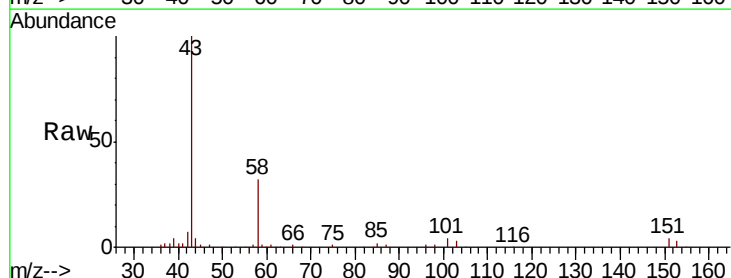
Acq: 11 Dec 2018 11:17

Tgt Ion: 43 Resp: 238396

Ion Ratio Lower Upper

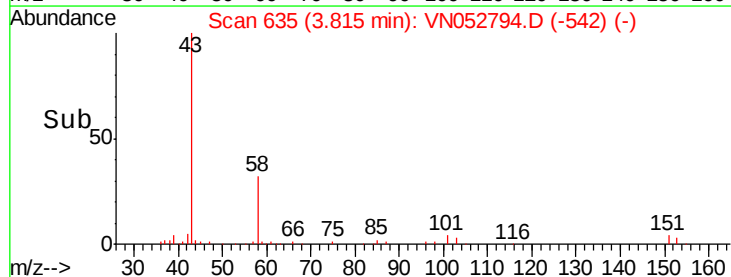
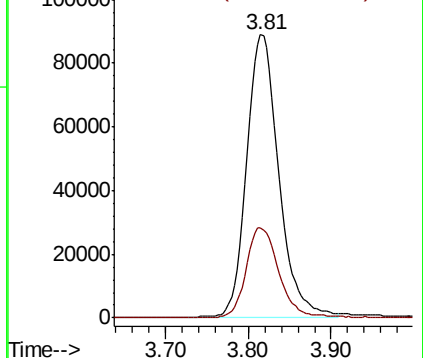
43 100

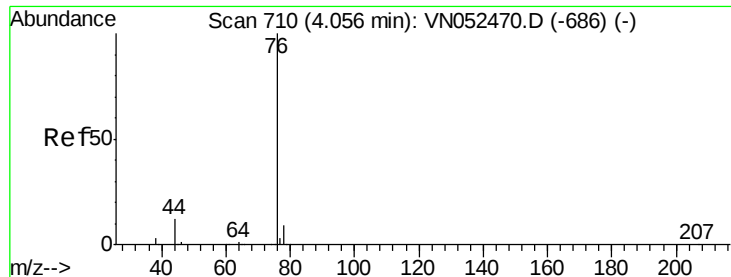
58 32.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052794.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052794.D (-542) (-)





#17

Carbon Disulfide

Concen: 14.686 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

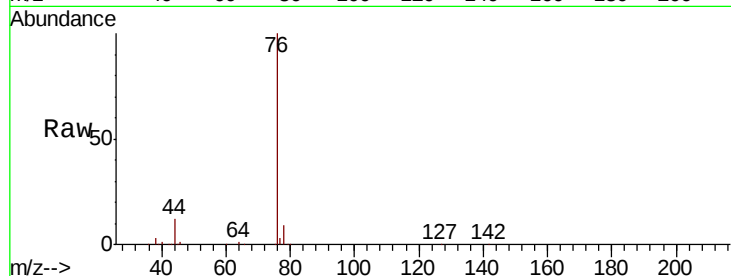
VN1211WBSD01

Tot Ion: 76 Resp: 400827

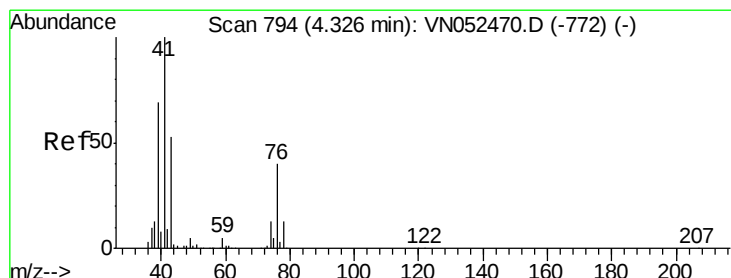
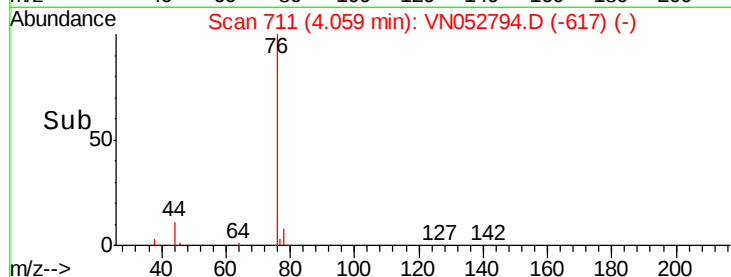
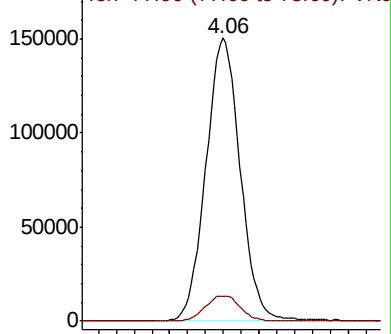
Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 21.179 ug/l

RT: 4.33 min Scan# 794

Delta R.T. -0.00 min

Lab File: VN052794.D

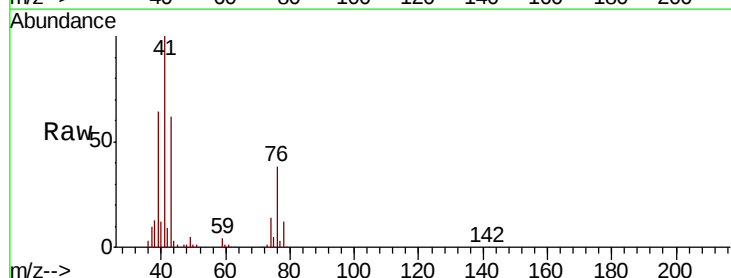
Acq: 11 Dec 2018 11:17

Tgt Ion: 43 Resp: 161536

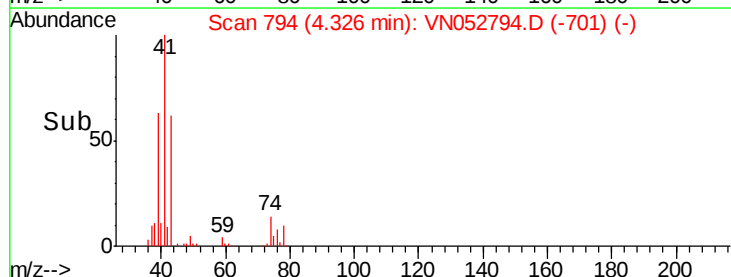
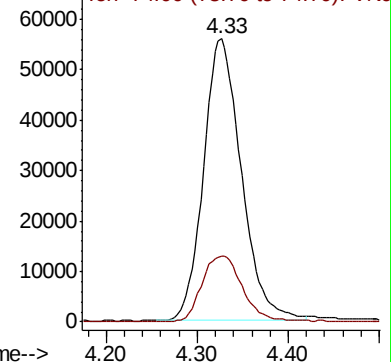
Ion Ratio Lower Upper

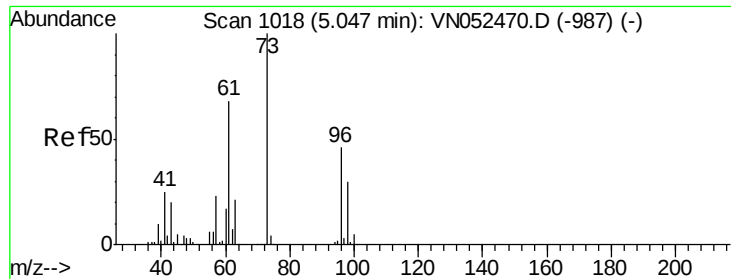
43 100

74 25.1 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

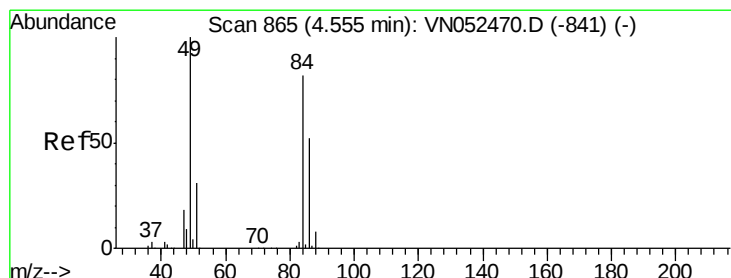
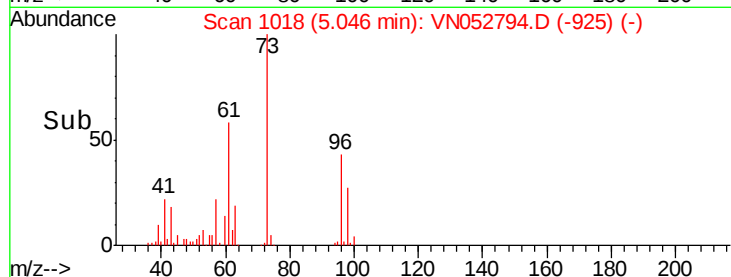
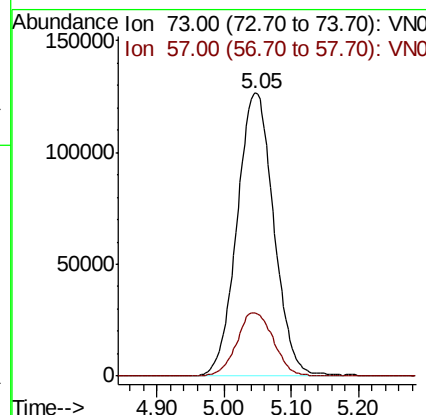
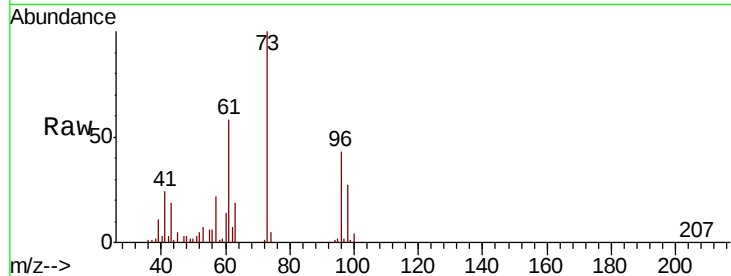




#19
Methvl tert-butvl Ether
Concen: 20.796 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

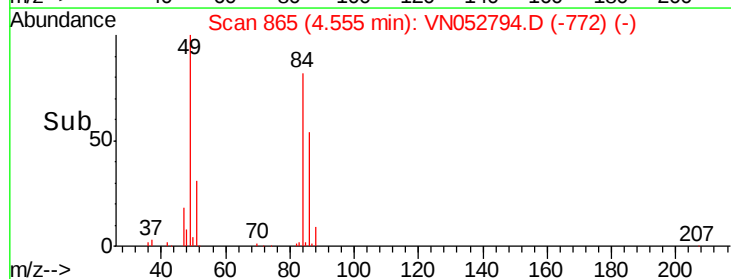
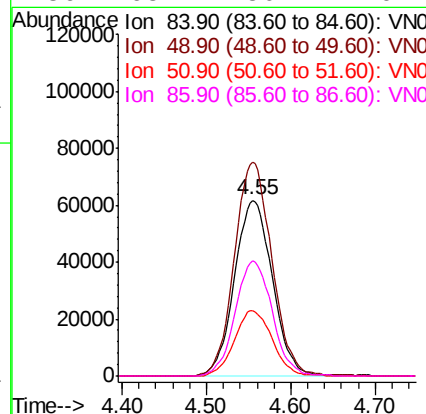
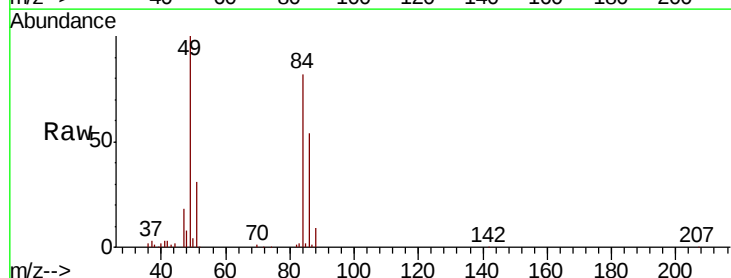
Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

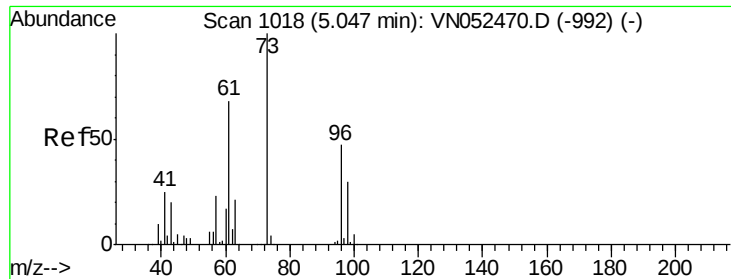
Tot Ion: 73 Resp: 479886
Ion Ratio Lower Upper
73 100
57 22.2 18.2 27.2



#20
Methylene Chloride
Concen: 18.593 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion: 84 Resp: 193462
Ion Ratio Lower Upper
84 100
49 121.5 98.0 147.0
51 37.3 30.1 45.1
86 65.4 50.7 76.1

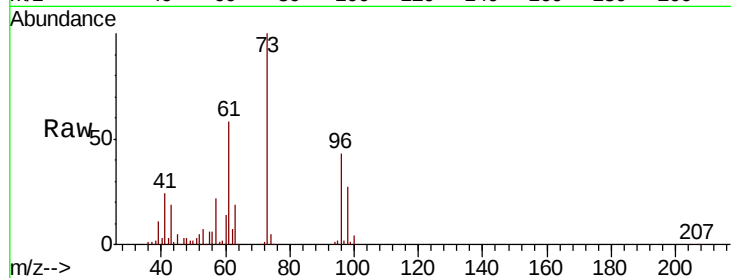




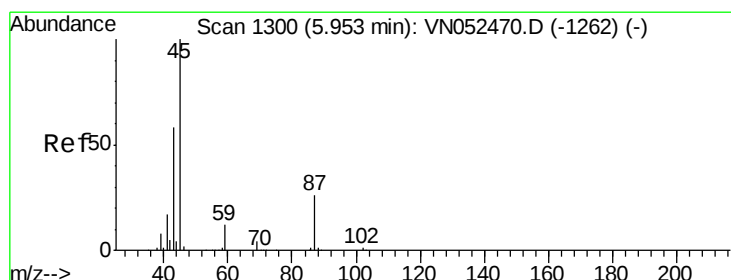
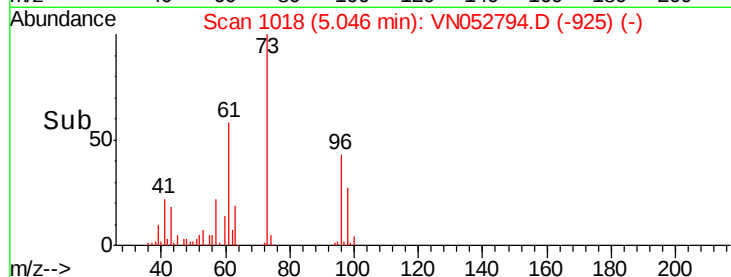
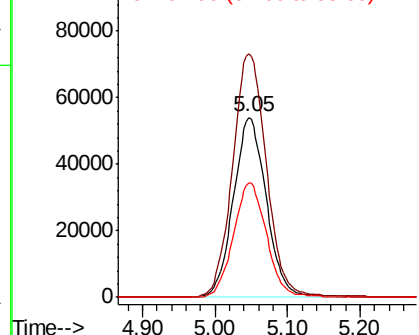
#21
trans-1,2-Dichloroethene
Concen: 18.486 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion: 96 Resp: 171234
Ion Ratio Lower Upper
96 100
61 135.5 117.0 175.4
98 63.9 51.8 77.6

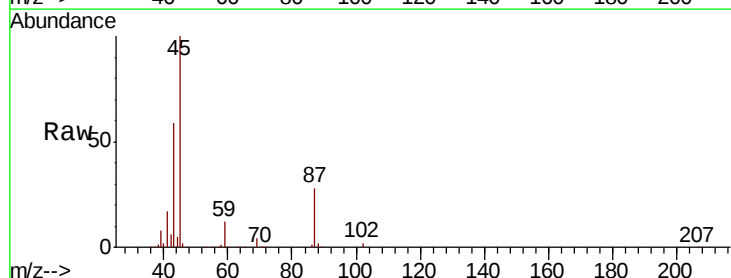


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

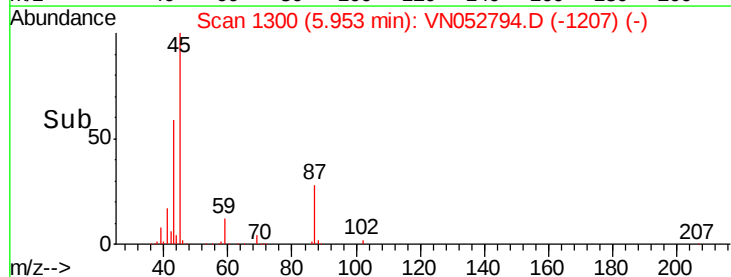
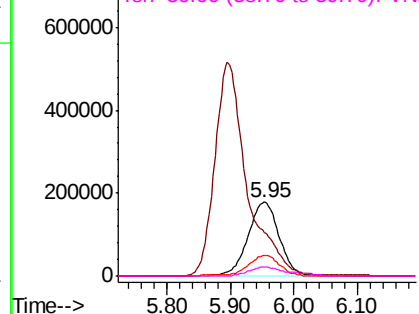


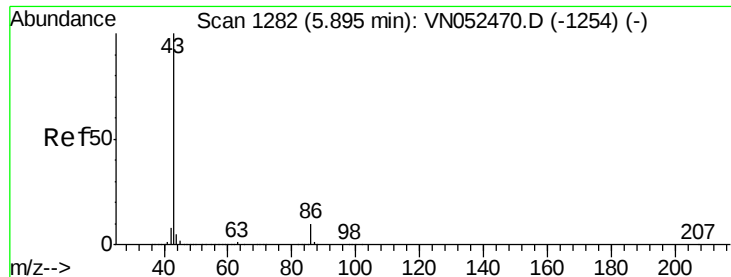
#22
Diisopropyl ether
Concen: 19.387 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion: 45 Resp: 608737
Ion Ratio Lower Upper
45 100
43 58.0 46.1 69.1
87 27.7 21.3 31.9
59 12.1 9.5 14.3



Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 93.223 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

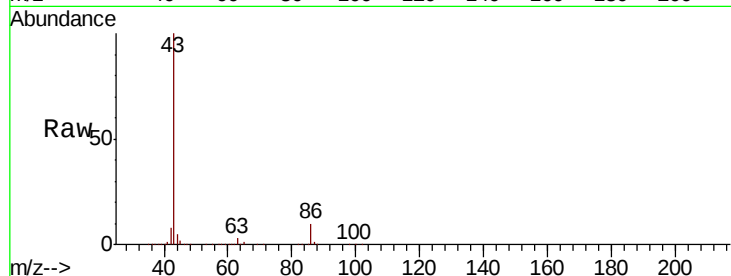
VN1211WBSD01

Tot Ion: 43 Resp: 1823120

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN052470.D (-1254) (-)

5.90

600000

500000

400000

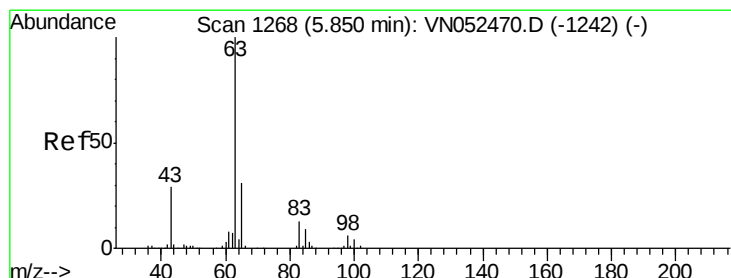
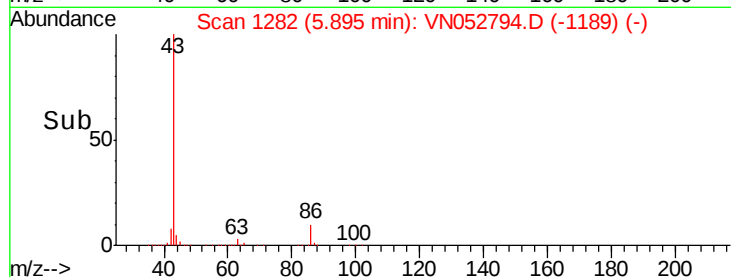
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.356 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

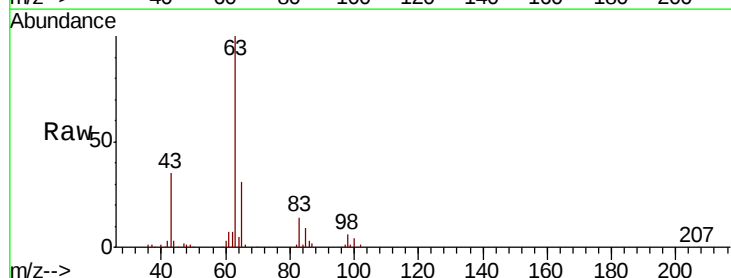
Tgt Ion: 63 Resp: 347000

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

100 3.8 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN052470.D (-1242) (-)

Ion 97.90 (97.60 to 98.60): VN052470.D (-1242) (-)

Ion 99.90 (99.60 to 100.60): VN052470.D (-1242) (-)

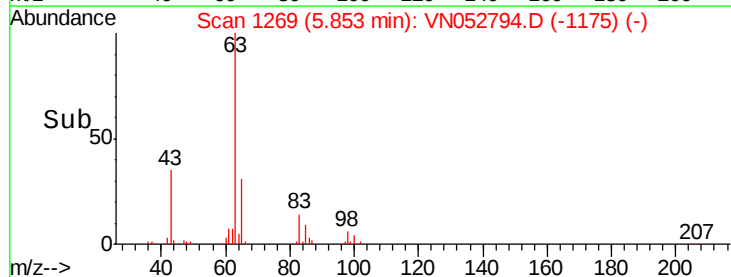
150000

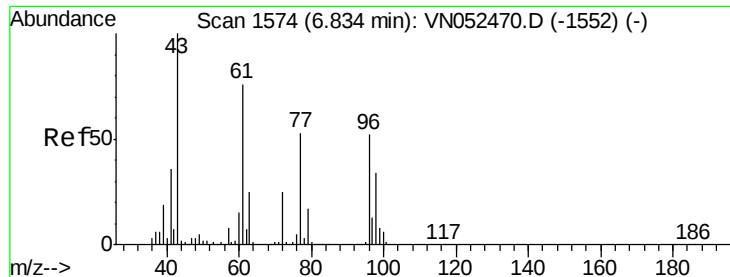
100000

50000

0

Time-->





#25

2-Butanone

Concen: 99.272 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampled :

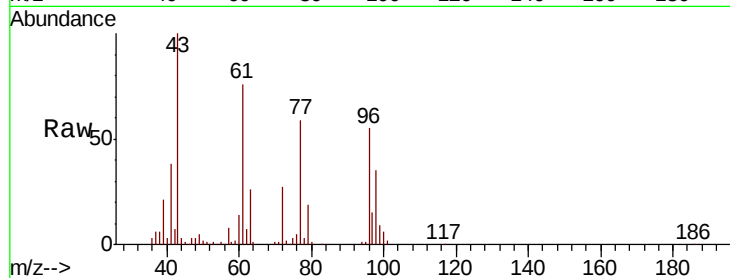
VN1211WBSD01

Tot Ion: 43 Resp: 374136

Ion Ratio Lower Upper

43 100

72 26.9 20.1 30.1



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1552) (-)

Ion 72.00 (71.70 to 72.70): VN052470.D (-1552) (-)

150000

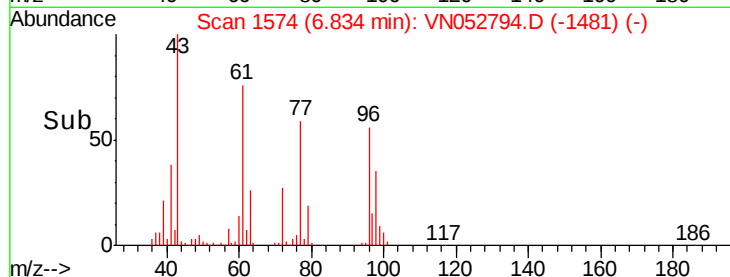
100000

50000

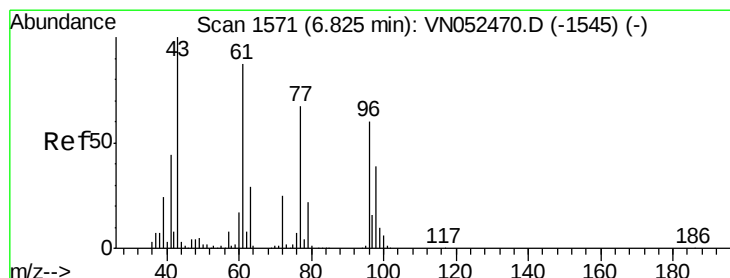
0

6.70 6.80 6.90

6.83



Time-->



#26

2,2-Dichloropropane

Concen: 20.671 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN052794.D

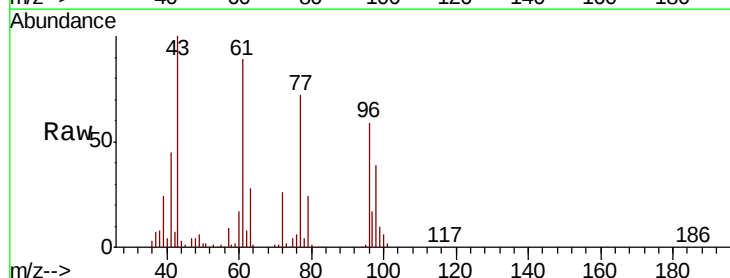
Acq: 11 Dec 2018 11:17

Tgt Ion: 77 Resp: 256497

Ion Ratio Lower Upper

77 100

97 24.6 11.8 35.3



Abundance Ion 76.90 (76.60 to 77.60): VN052470.D (-1545) (-)

Ion 96.90 (96.60 to 97.60): VN052470.D (-1545) (-)

80000

60000

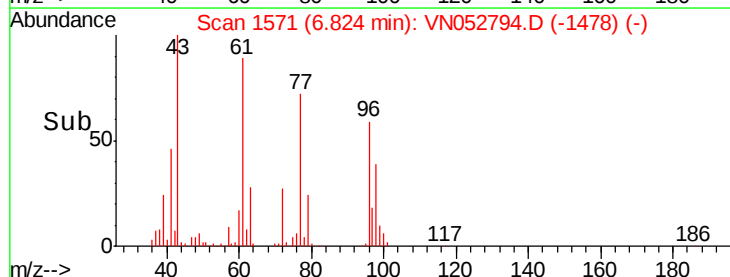
40000

20000

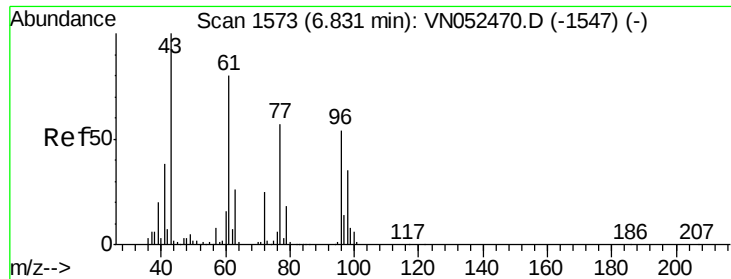
0

6.70 6.80 6.90 7.00

6.82



Time-->



#27

cis-1,2-Dichloroethene

Concen: 19.296 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampled :

VN1211WBSD01

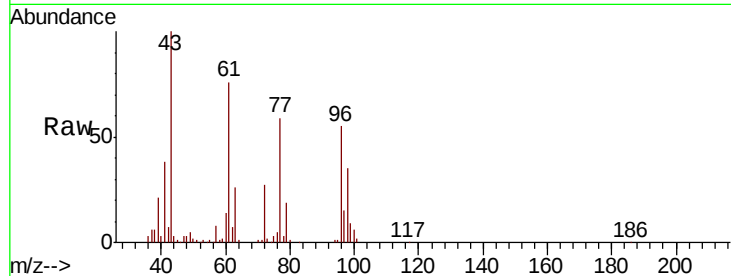
Tot Ion: 96 Resp: 208201

Ion Ratio Lower Upper

96 100

61 143.8 0.0 291.0

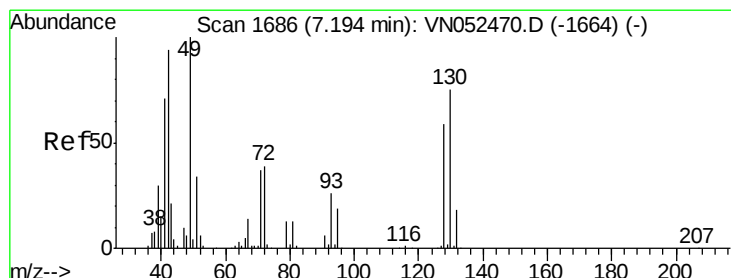
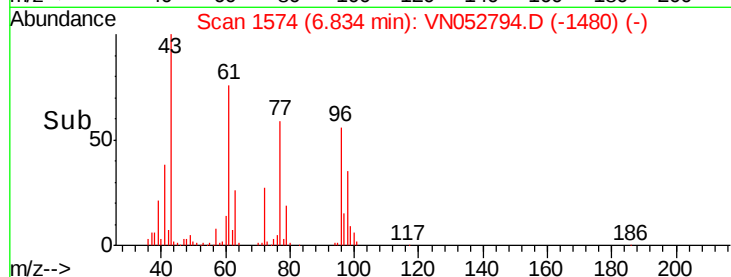
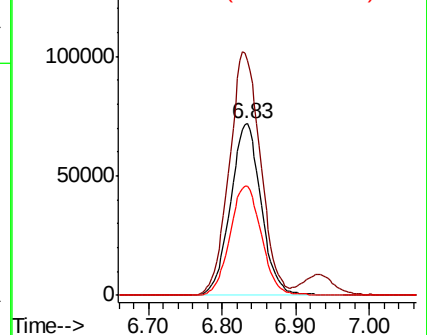
98 65.3 0.0 130.0



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: 18.993 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

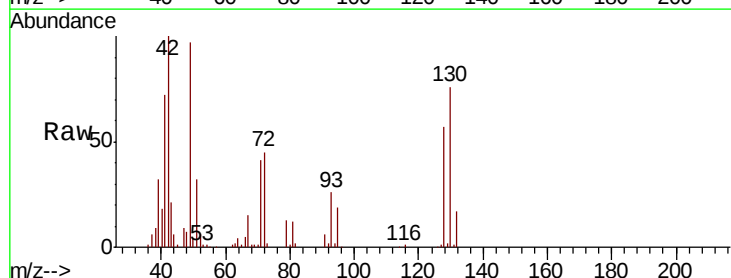
Tgt Ion: 49 Resp: 155518

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

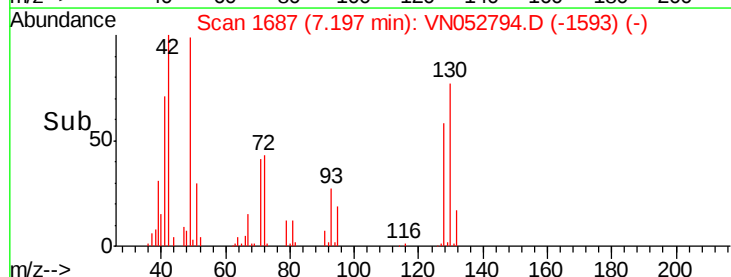
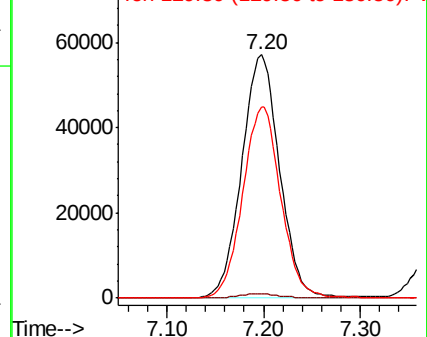
130 78.8 60.2 90.2

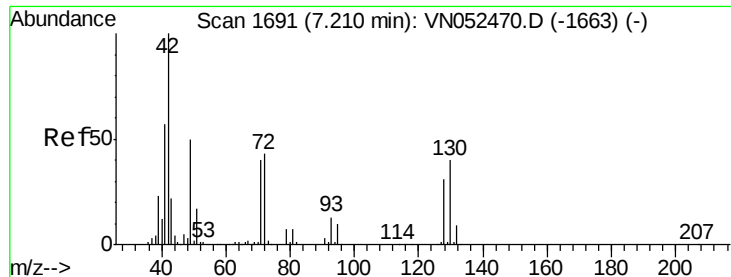


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

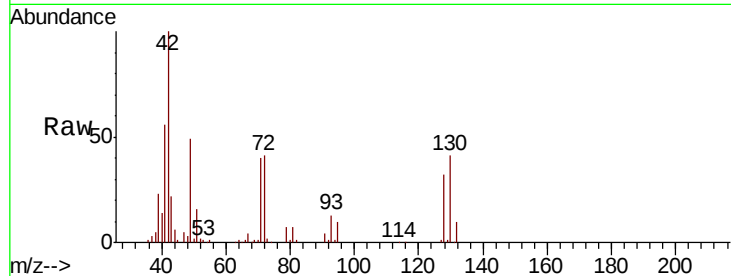




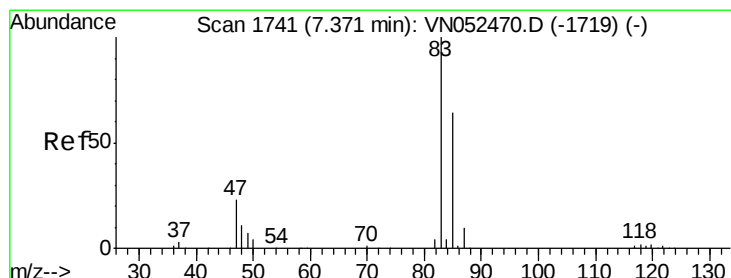
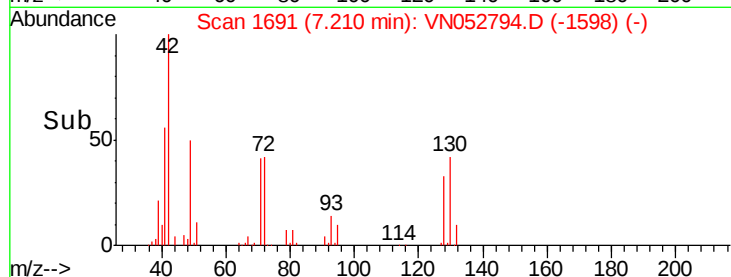
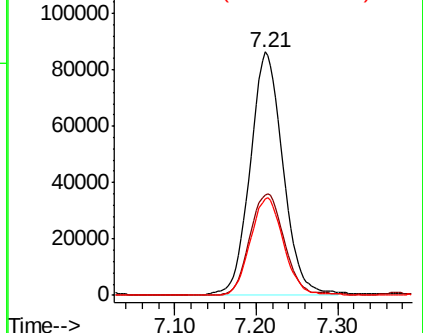
#29
Tetrahydrofuran
Concen: 98.256 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion: 42 Resp: 238848
Ion Ratio Lower Upper
42 100
72 44.4 33.3 49.9
71 40.7 32.0 48.0

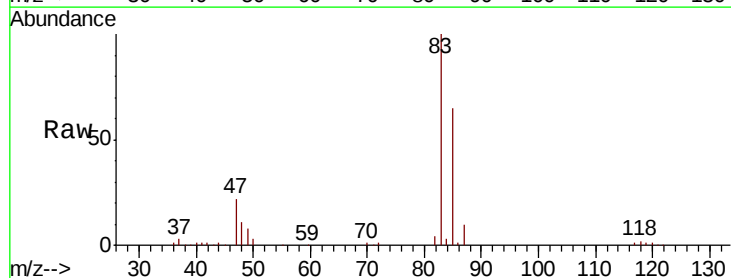


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

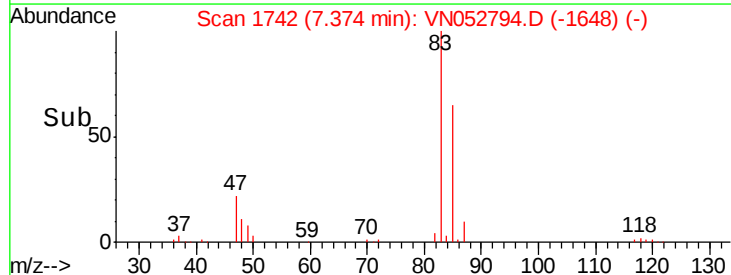
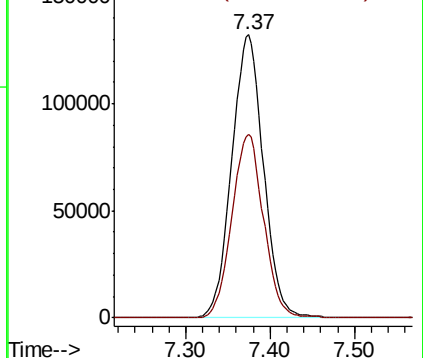


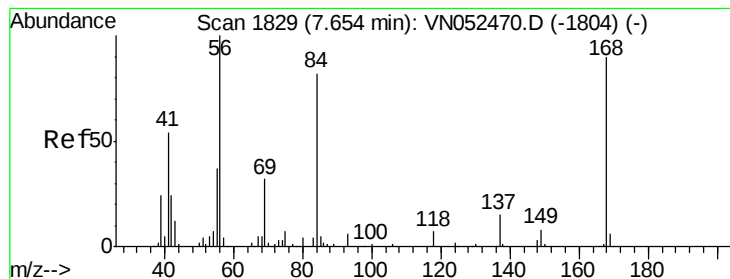
#30
Chloroform
Concen: 19.351 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion: 83 Resp: 346115
Ion Ratio Lower Upper
83 100
85 64.9 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: 17.099 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

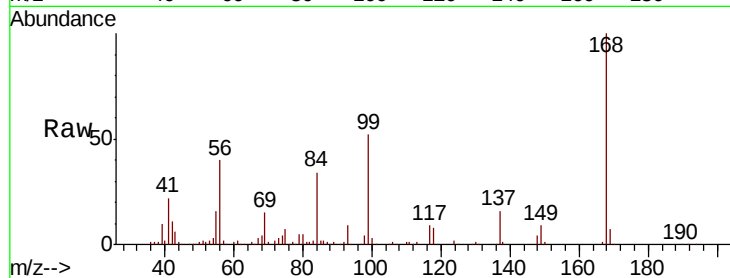
Tot Ion: 56 Resp: 300872

Ion Ratio Lower Upper

56 100

69 37.0 25.8 38.6

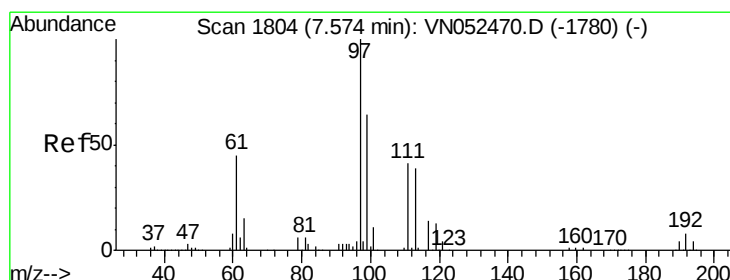
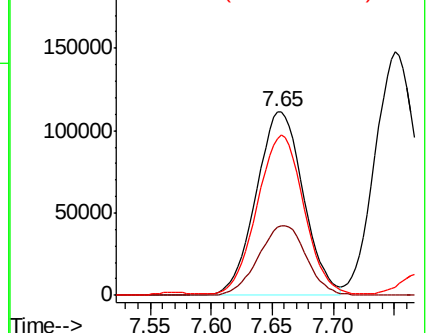
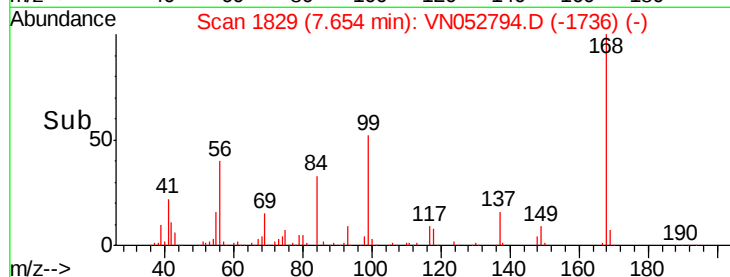
84 84.3 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 19.921 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

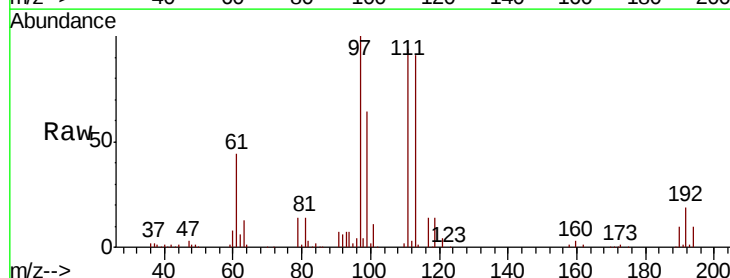
Tgt Ion: 97 Resp: 282302

Ion Ratio Lower Upper

97 100

99 65.0 51.7 77.5

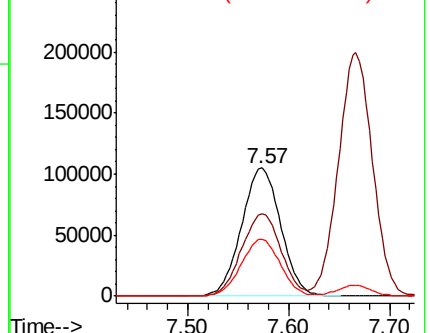
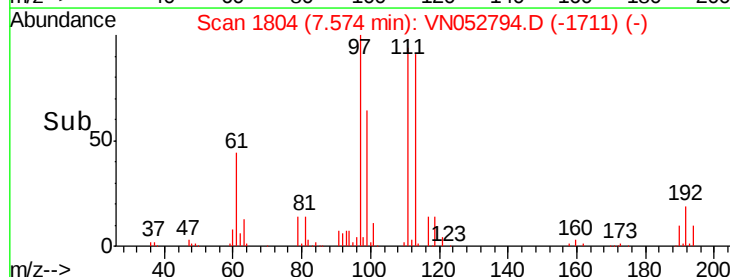
61 44.3 36.8 55.2

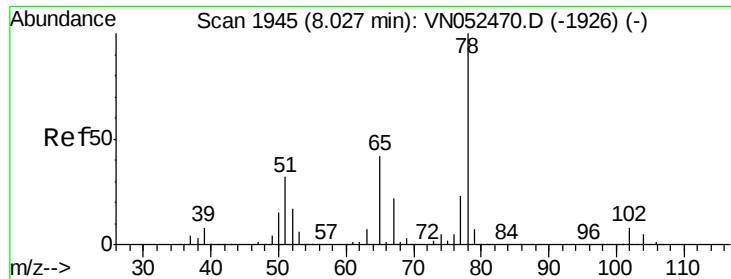


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 19.921 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

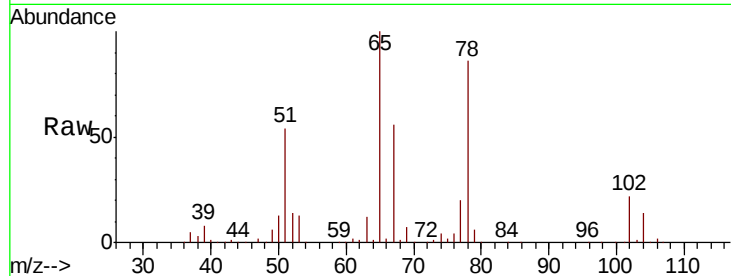
VN1211WBSD01

Tot Ion: 65 Resp: 524190

Ion Ratio Lower Upper

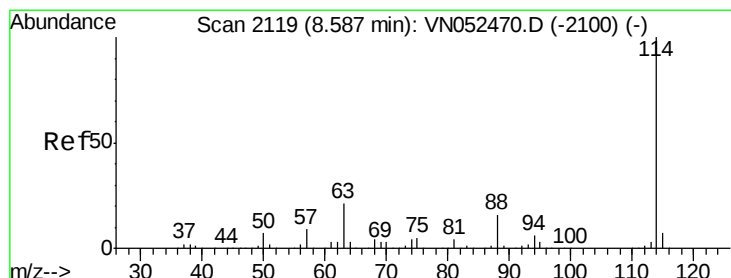
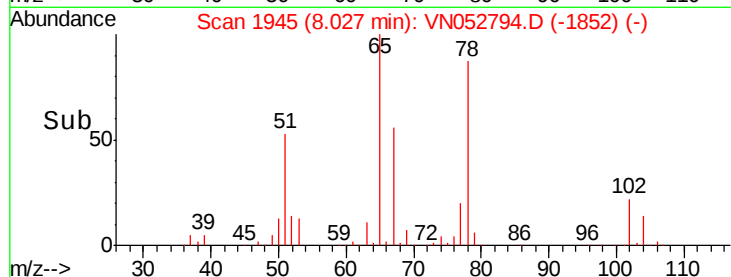
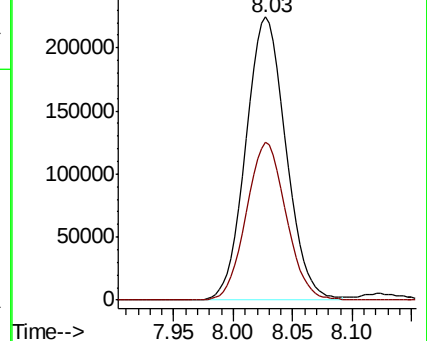
65 100

67 55.5 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN052794.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN052794.D (-1852) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

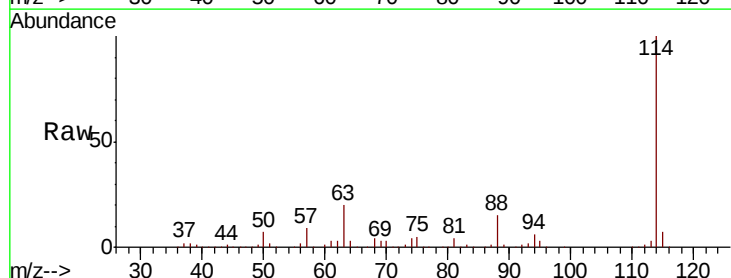
Tgt Ion: 114 Resp: 1423003

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.8

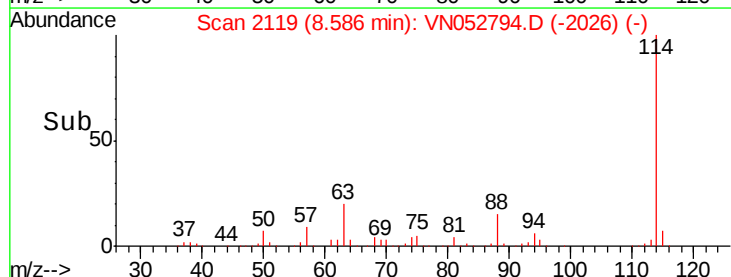
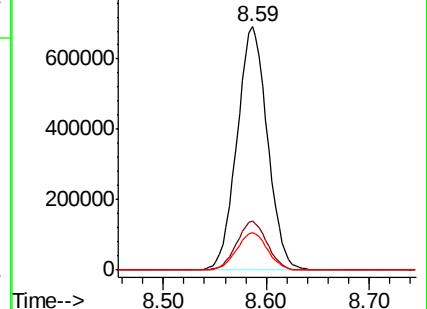
88 15.4 0.0 31.6

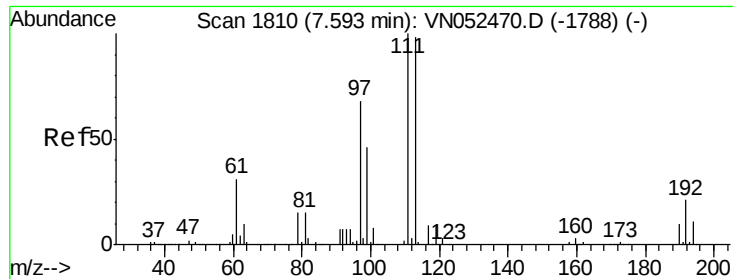


Abundance Ion 113.90 (113.60 to 114.60): VN052794.D (-2026) (-)

Ion 63.00 (62.70 to 63.70): VN052794.D (-2026) (-)

Ion 87.90 (87.60 to 88.60): VN052794.D (-2026) (-)

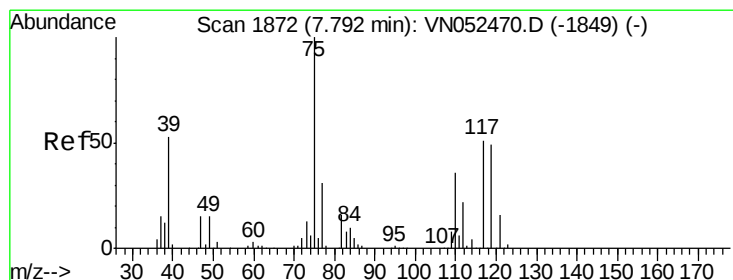
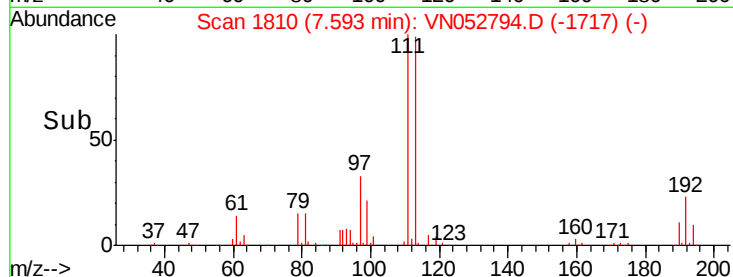
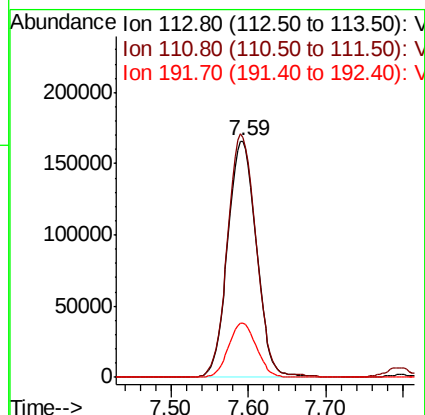
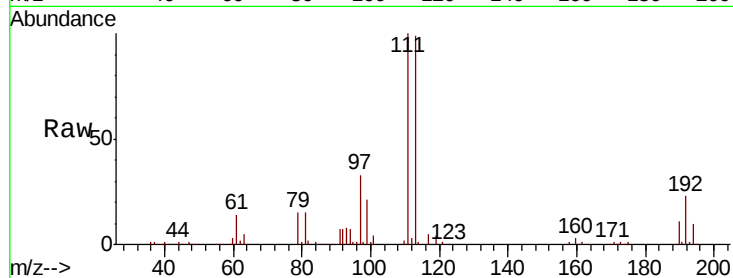




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

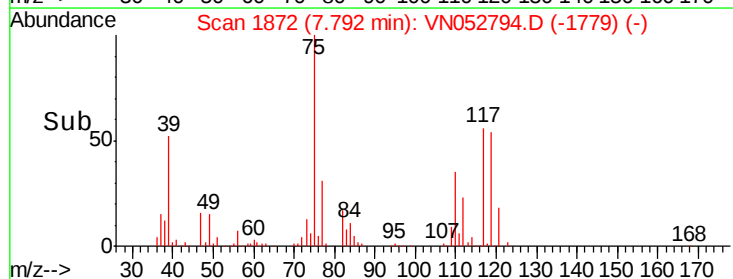
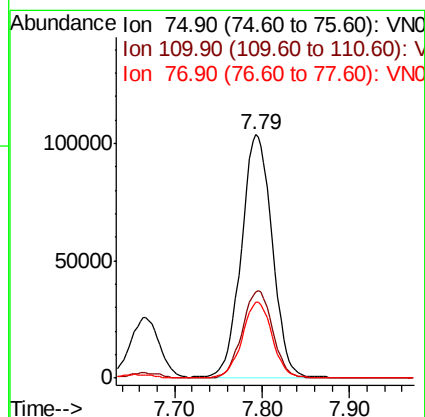
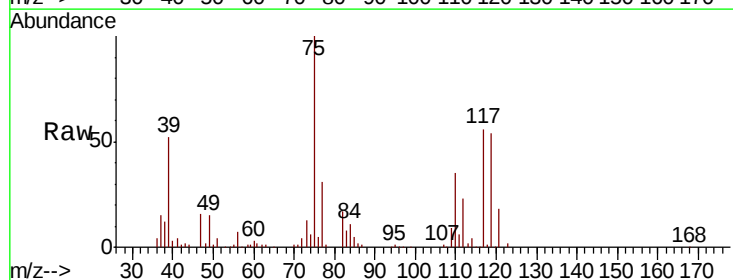
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

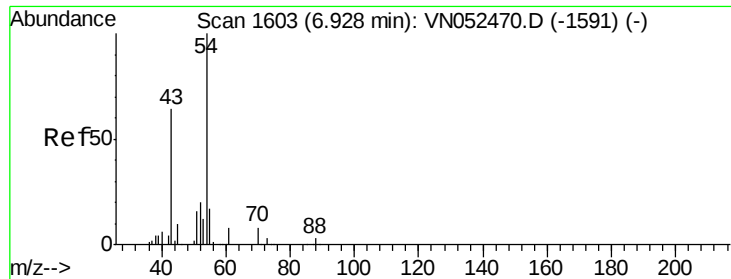
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.0	123.0
192	22.3	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 18.912 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.5	52.6
77	30.7	24.5	36.7

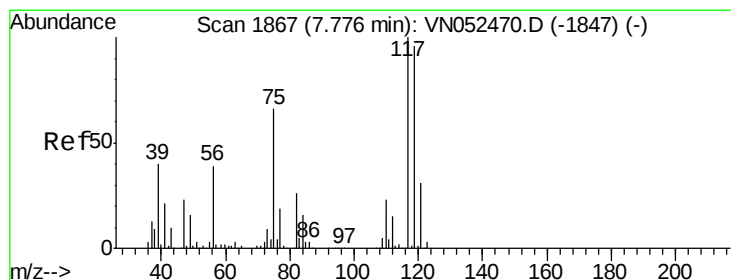
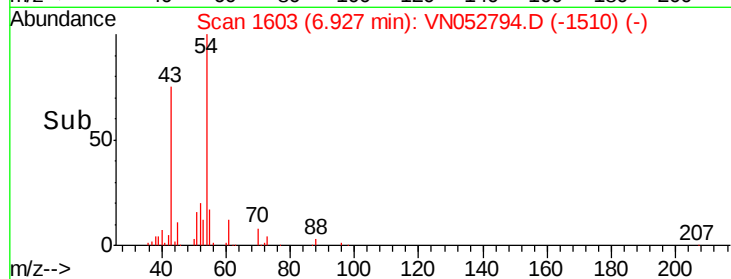
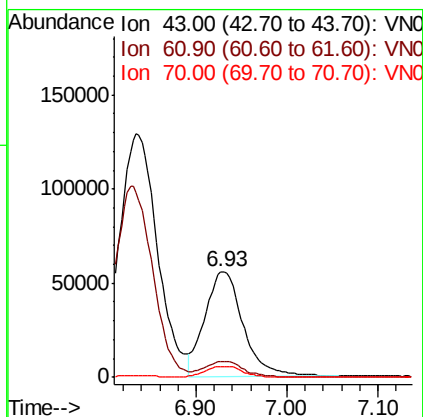
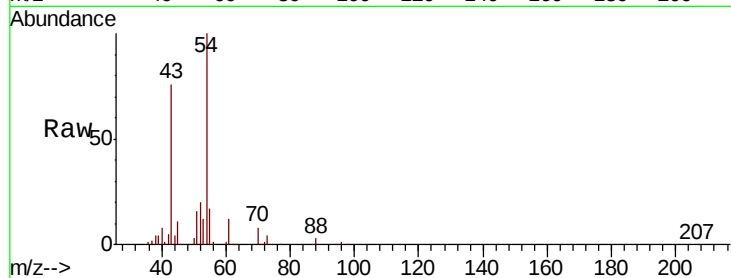




#37
Ethyl Acetate
Concen: 19.789 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

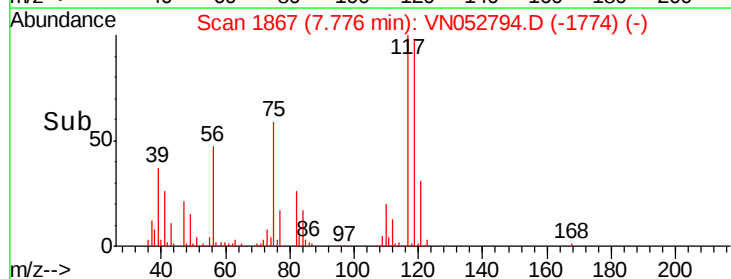
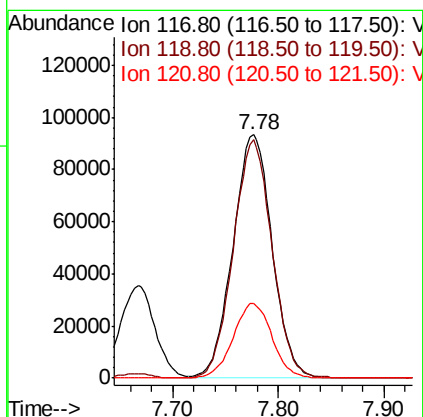
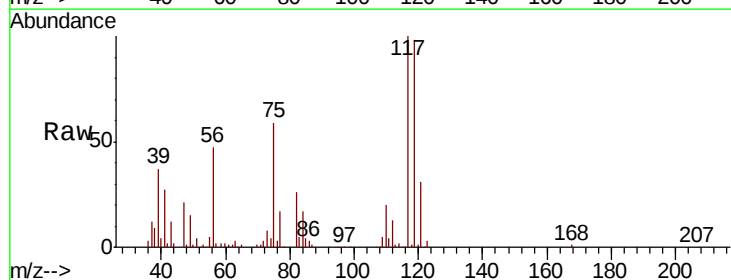
Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

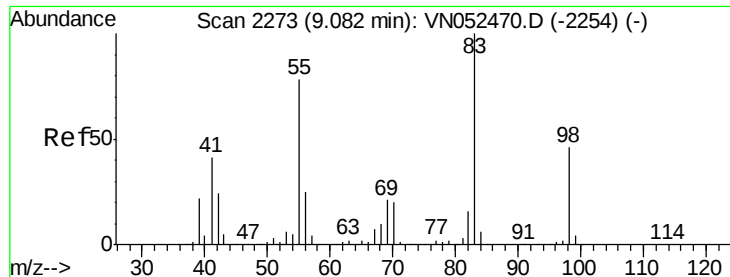
Tot Ion: 43 Resp: 162289
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 10.3 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.720 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion: 117 Resp: 239886
Ion Ratio Lower Upper
117 100
119 97.8 76.8 115.2
121 30.7 24.9 37.3

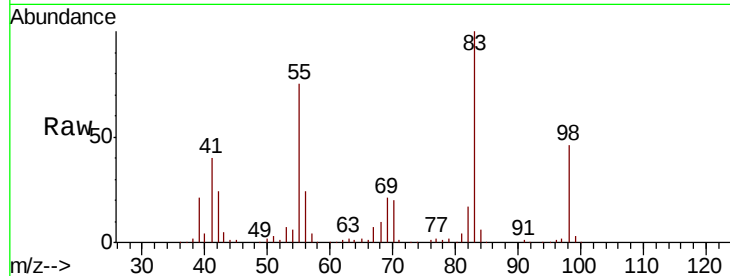




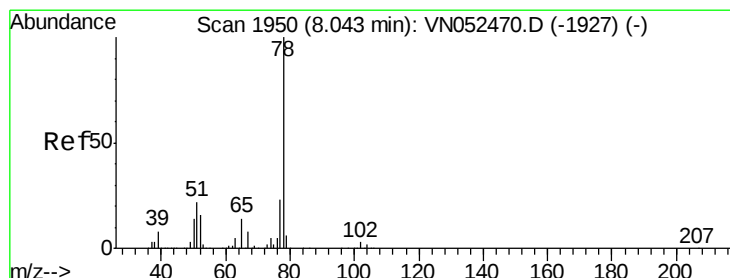
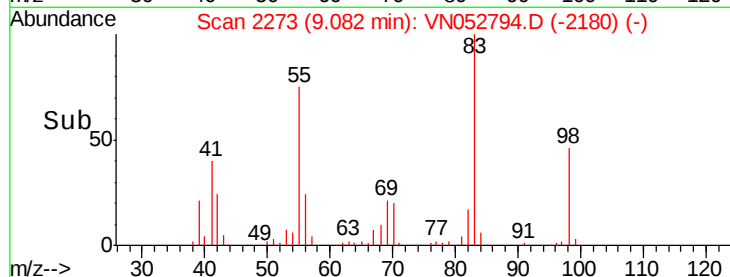
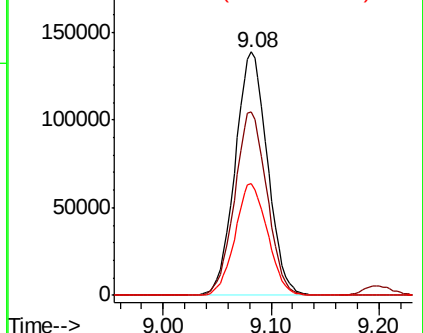
#39
Methvlcvclohexane
Concen: 17.727 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Instrument :
MSVOA_N
ClientSampled :
VN1211WBSD01

Tot Ion	83.00	Resp	289545
Ion Ratio	Lower	Upper	
83	100		
55	75.4	62.2	93.2
98	45.7	36.4	54.6

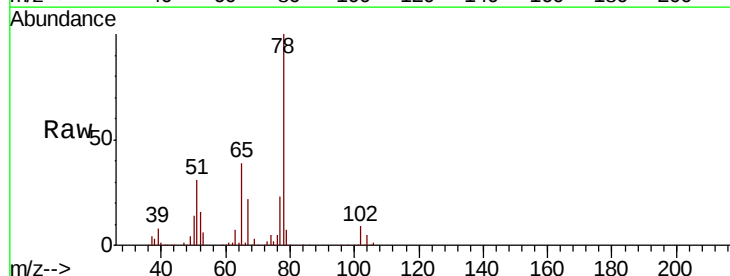


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

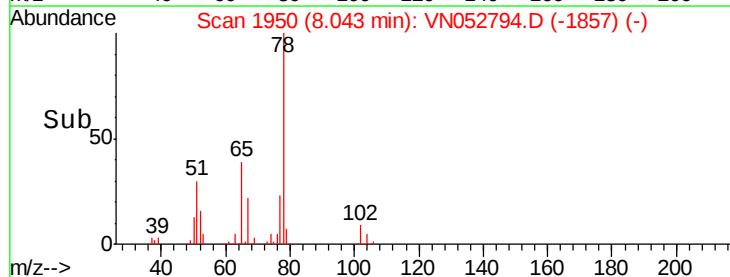
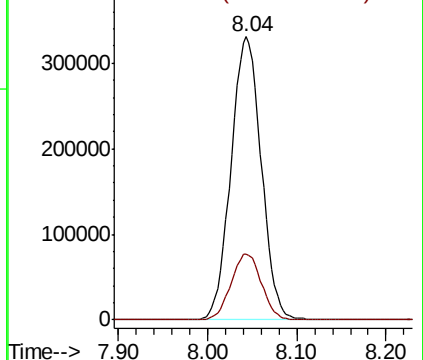


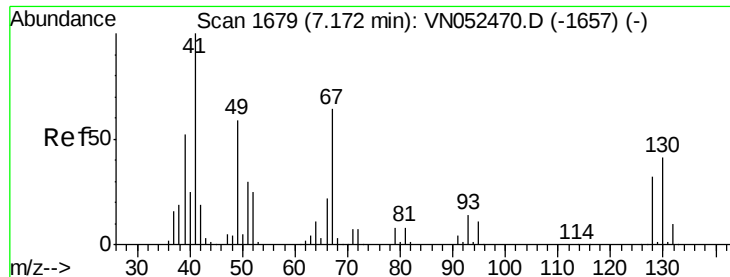
#40
Benzene
Concen: 19.442 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion	78.00	Resp	778580
Ion Ratio	Lower	Upper	
78	100		
77	23.4	18.8	28.2



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

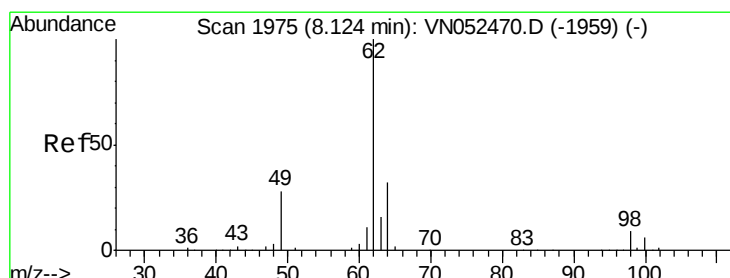
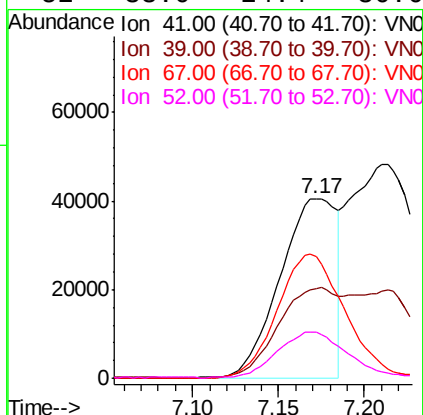
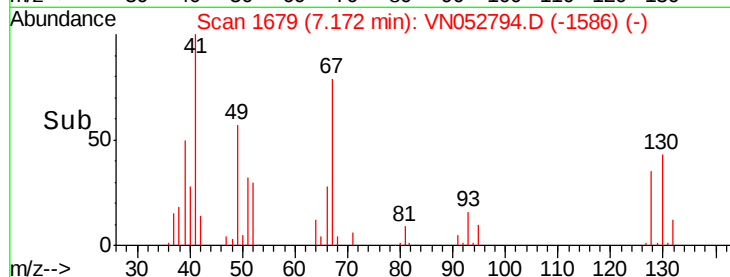
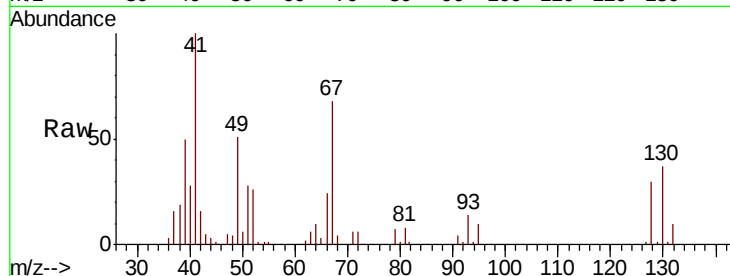




#41
Methacrylonitrile
Concen: 20.671 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

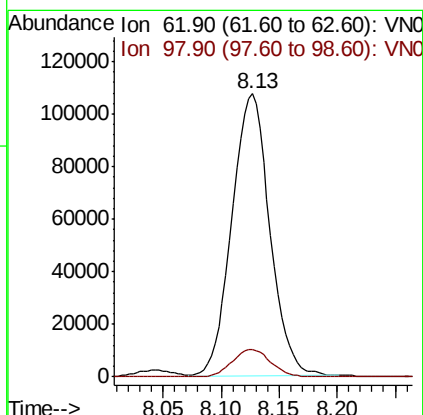
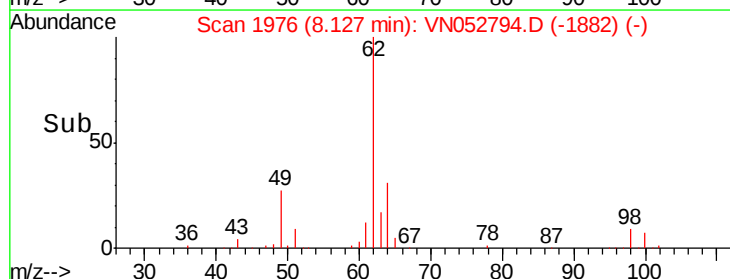
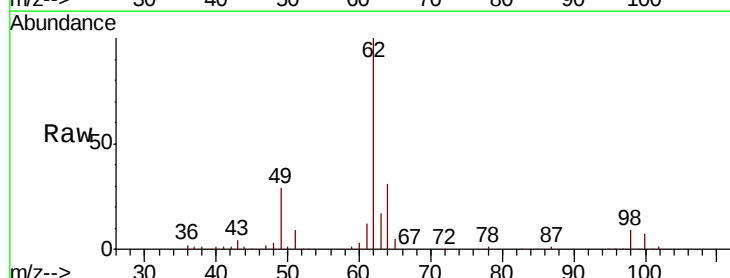
Instrument :
MSVOA_N
ClientSampled :
VN1211WBSD01

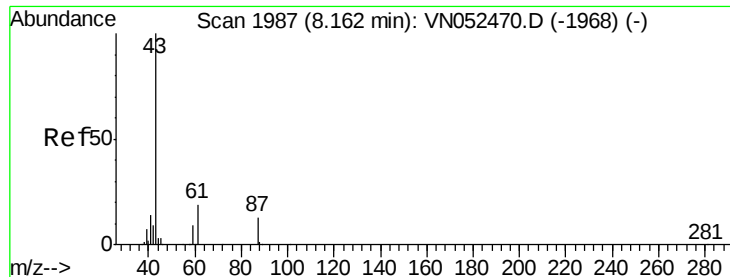
Tot Ion:	41	Resp:	92678
Ion	Ratio	Lower	Upper
41	100		
39	55.7	50.9	76.3
67	83.2	63.6	95.4
52	33.0	24.4	36.6



#42
1,2-Dichloroethane
Concen: 20.100 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion:	62	Resp:	243730
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.6



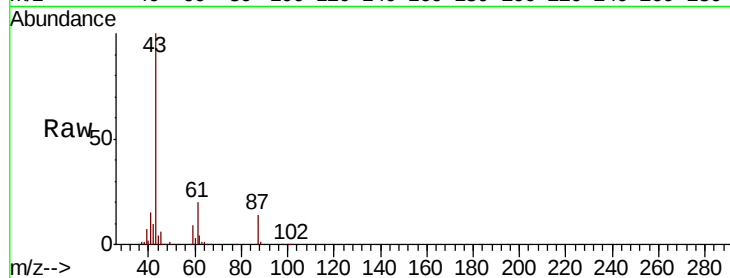


#43

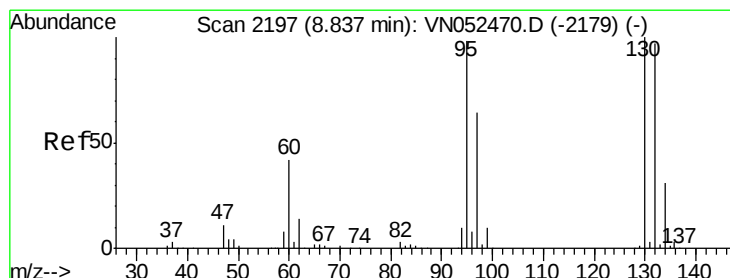
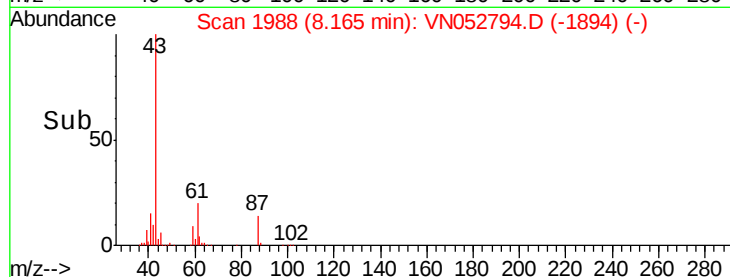
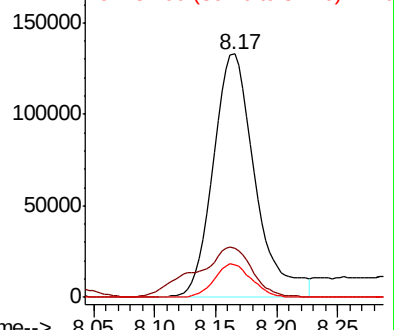
Isopropyl Acetate
 Concen: 22.624 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Tot Ion	43	Resp	313988
Ion Ratio	100		
Lower	24.1		
Upper	36.1		
61	27.4		
87	12.3		
	10.6		
	15.8		



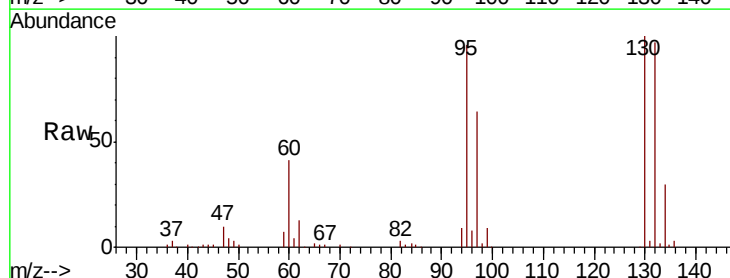
Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)



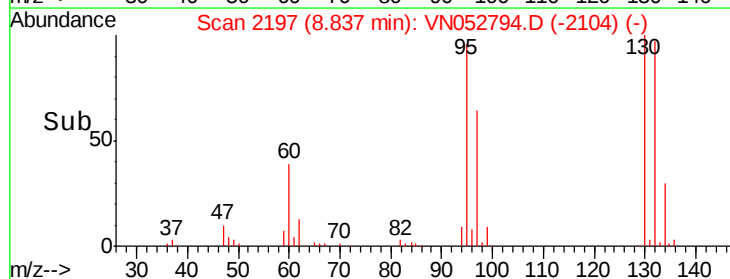
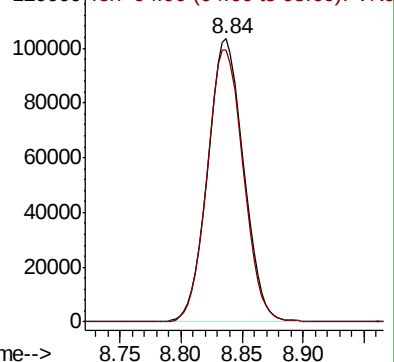
#44

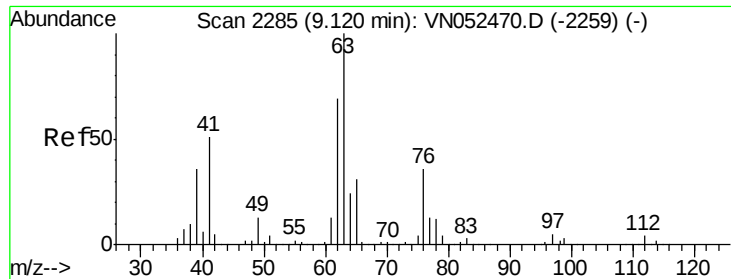
Trichloroethene
 Concen: 20.449 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Tgt Ion	130	Resp	209768
Ion Ratio	100		
Lower	0.0		
Upper	195.6		
95	96.1		



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

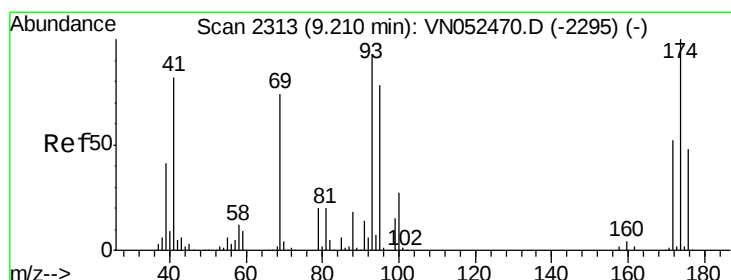
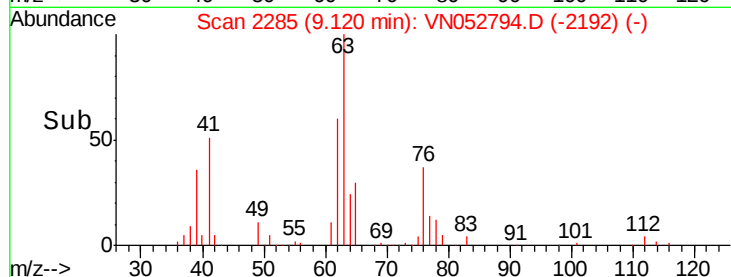
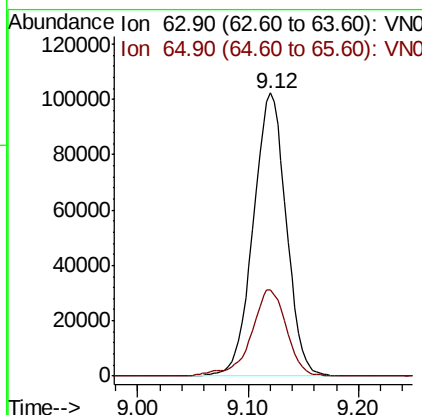
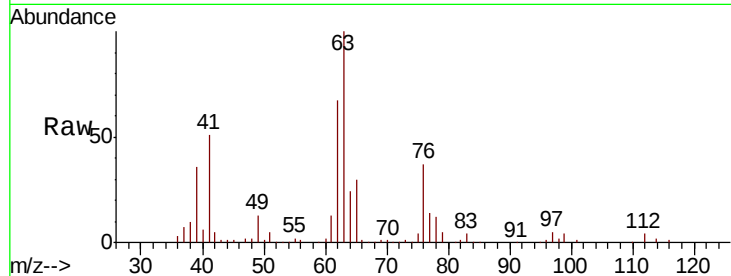




#45
 1,2-Dichloropropane
 Concen: 19.926 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

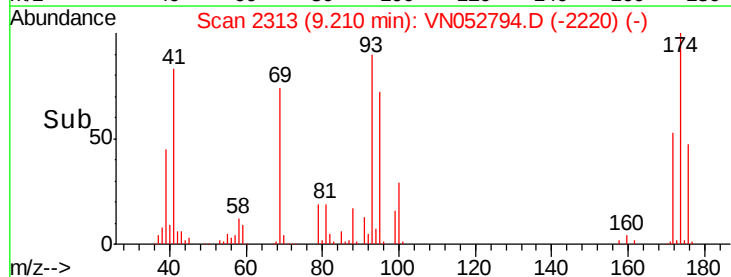
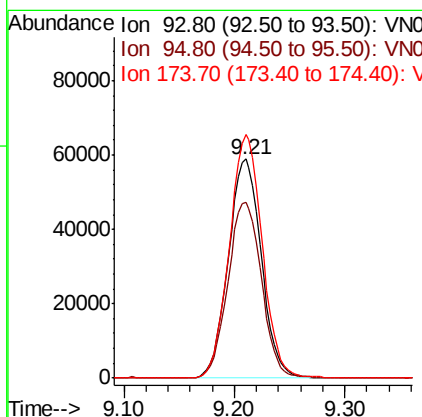
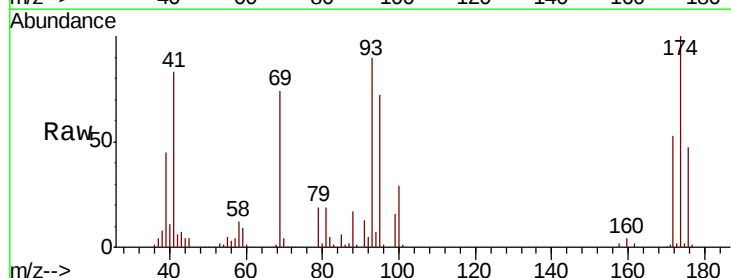
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

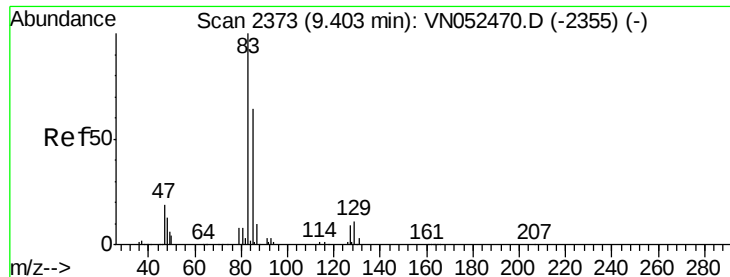
Tot Ion: 63 Resp: 212157
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.0 37.6



#46
 Dibromomethane
 Concen: 20.742 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Tgt Ion: 93 Resp: 122252
 Ion Ratio Lower Upper
 93 100
 95 81.7 67.1 100.7
 174 110.8 85.8 128.8





#47

Bromodichloromethane

Concen: 20.146 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampled :

VN1211WBSD01

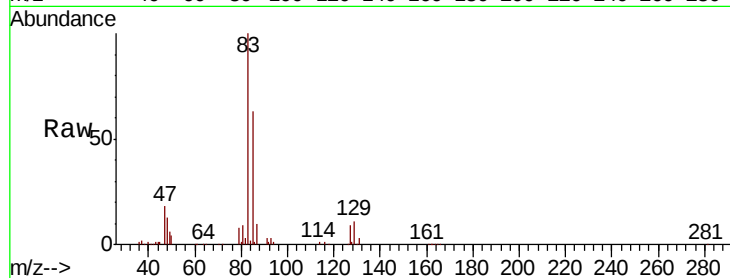
Tot Ion: 83 Resp: 258167

Ion Ratio Lower Upper

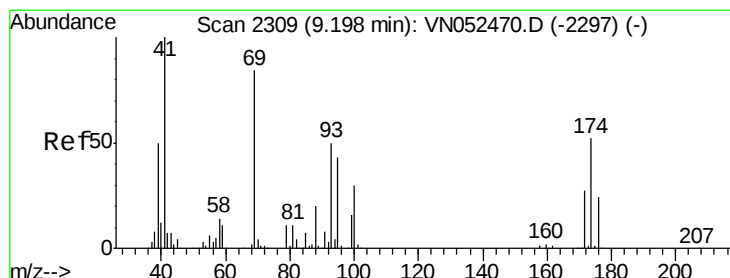
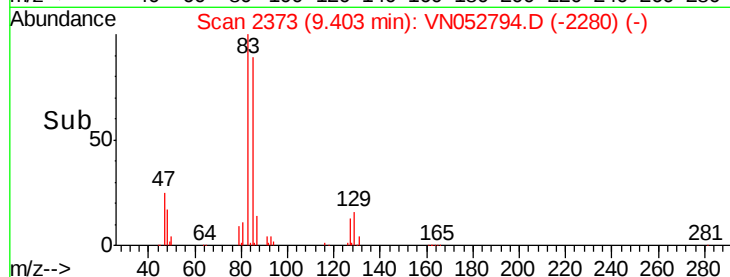
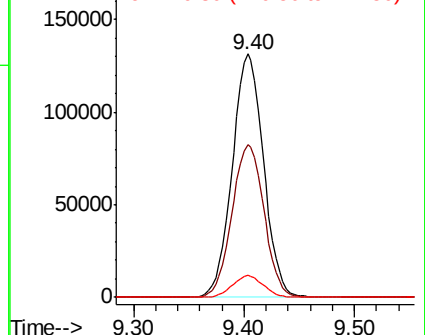
83 100

85 62.7 51.3 76.9

127 9.2 6.9 10.3



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



#48

Methyl methacrylate

Concen: 20.540 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

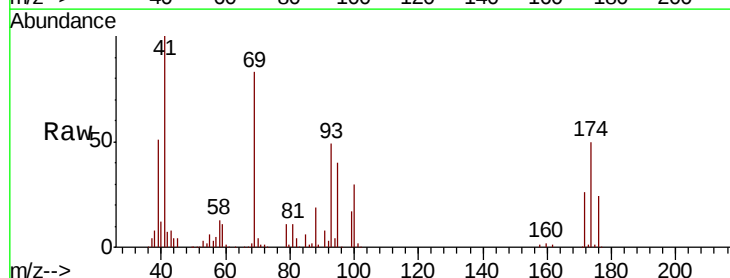
Tgt Ion: 41 Resp: 148638

Ion Ratio Lower Upper

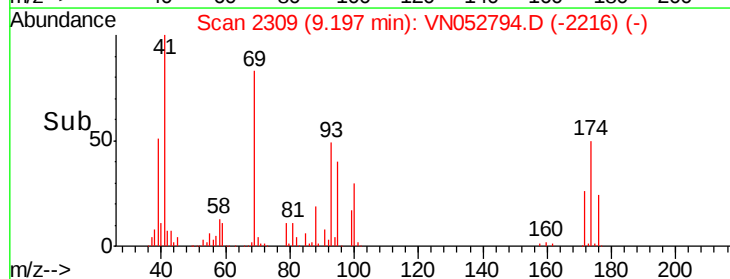
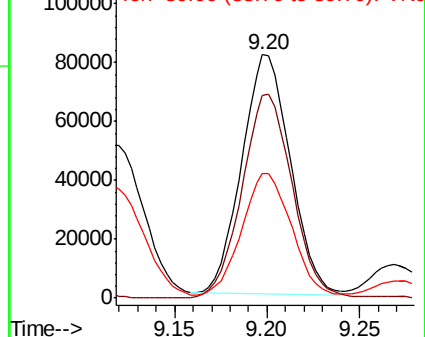
41 100

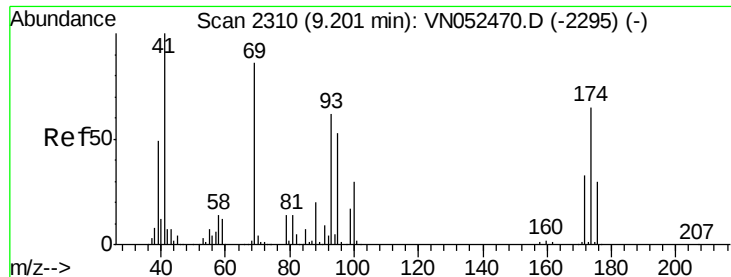
69 88.1 70.0 105.0

39 53.9 42.6 64.0



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

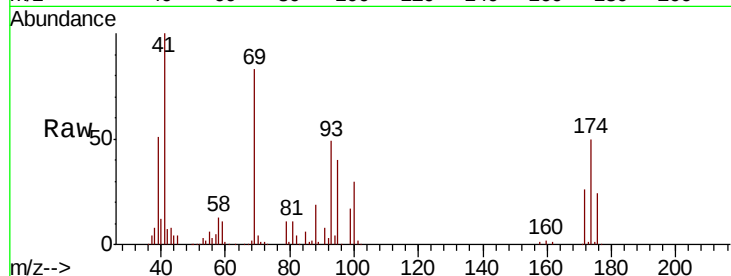




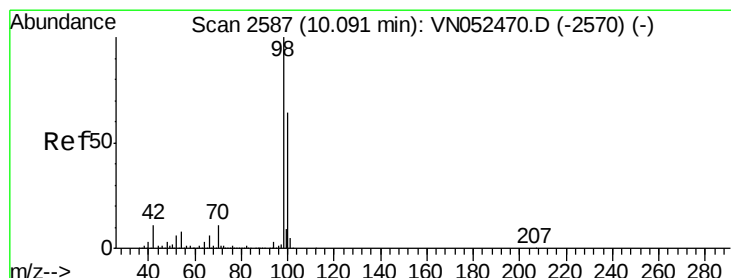
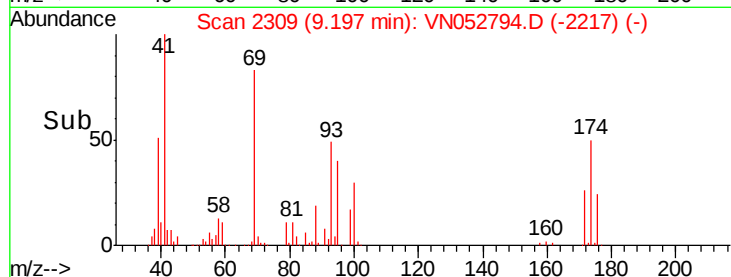
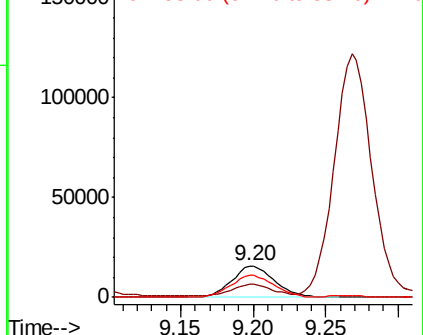
#49
1,4-Dioxane
Concen: 426.966 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion: 88 Resp: 32067
Ion Ratio Lower Upper
88 100
43 36.8 26.4 39.6
58 72.0 55.4 83.0

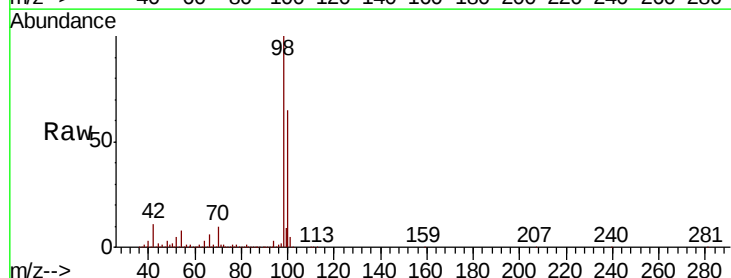


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

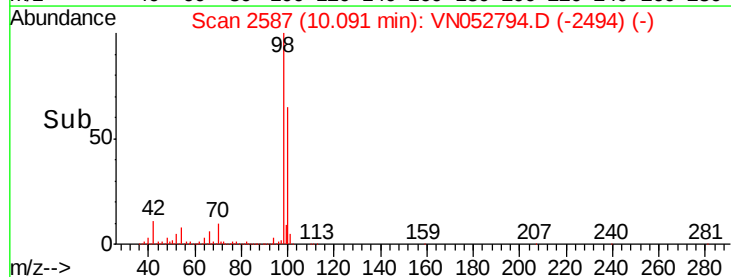
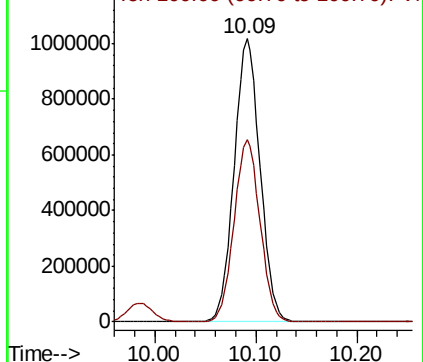


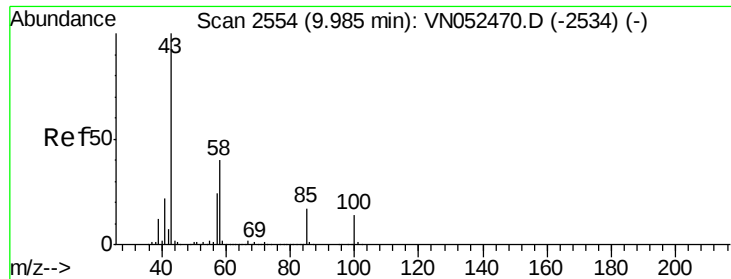
#50
Toluene-d8
Concen: 426.966 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion: 98 Resp: 1812919
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



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

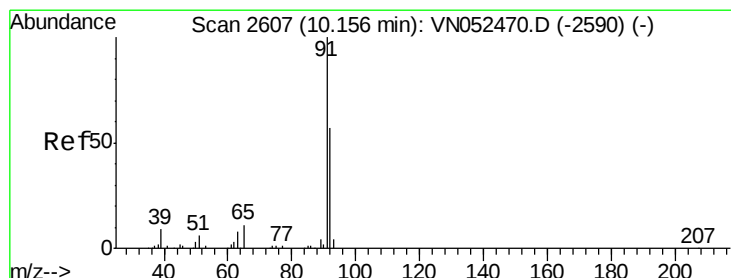
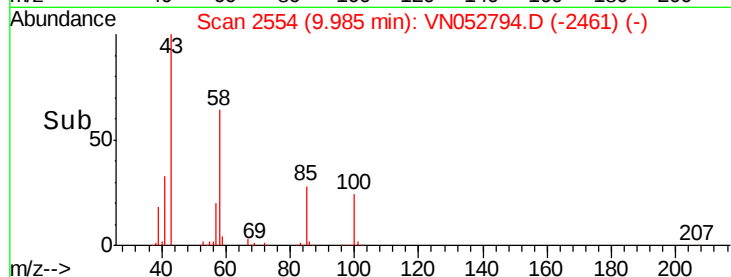
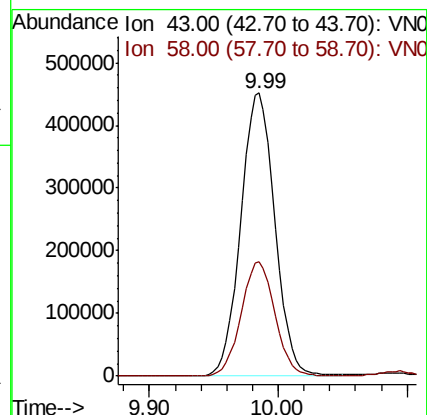
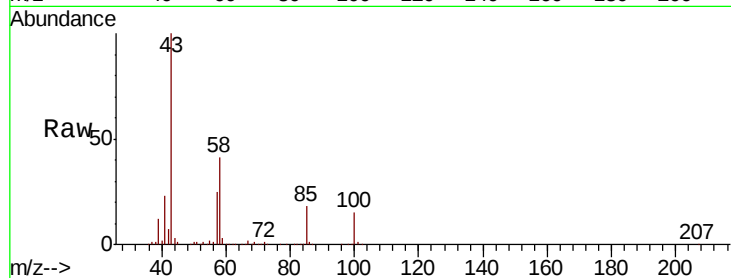




#51
 4-Methyl-2-Pentanone
 Concen: 106.212 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

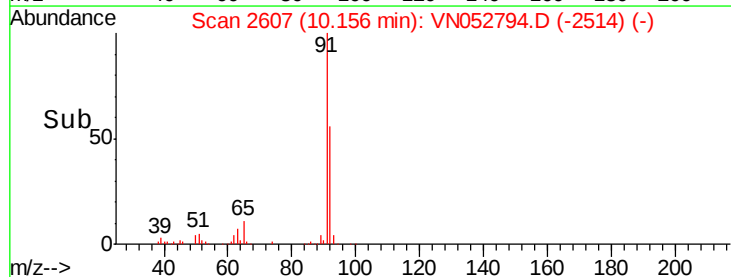
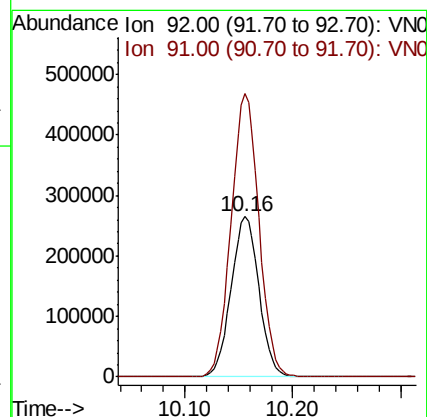
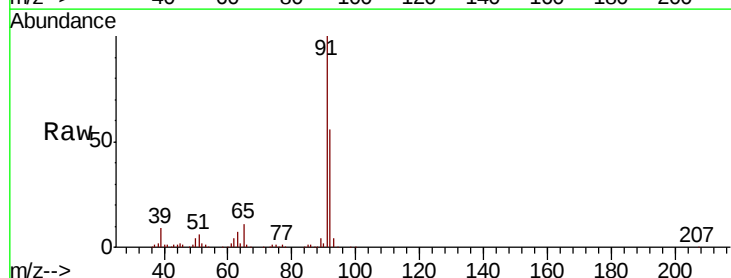
Instrument :
 MSVOA_N
 ClientSampleID :
 VN1211WBSD01

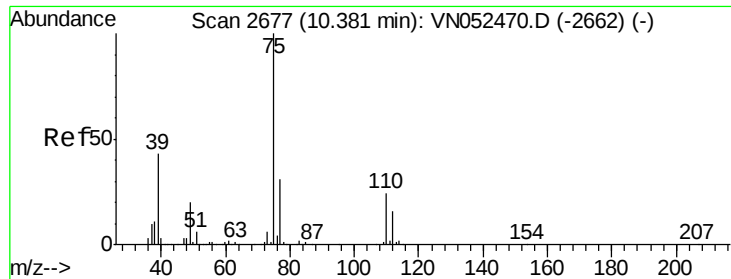
Tot Ion: 43 Resp: 827060
 Ion Ratio Lower Upper
 43 100
 58 40.3 31.5 47.3



#52
 Toluene
 Concen: 20.030 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Tgt Ion: 92 Resp: 476581
 Ion Ratio Lower Upper
 92 100
 91 176.1 141.0 211.4





#53

t-1,3-Dichloropropene

Concen: 20.952 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

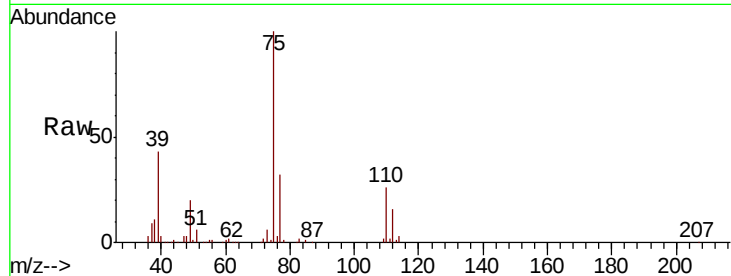
VN1211WBSD01

Tot Ion: 75 Resp: 258301

Ion Ratio Lower Upper

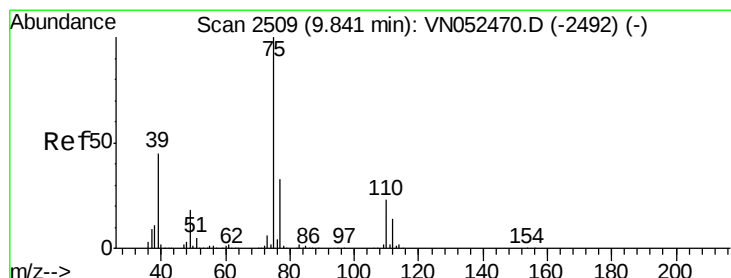
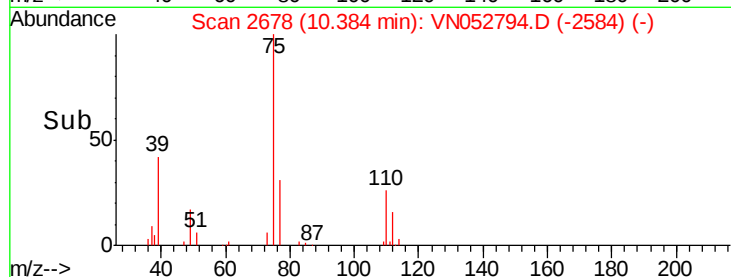
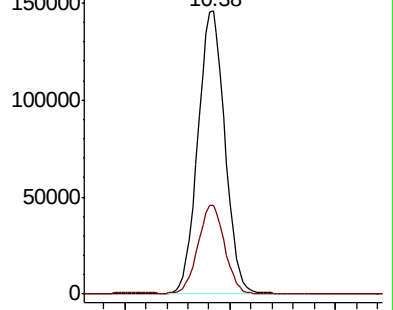
75 100

77 31.4 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 20.534 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

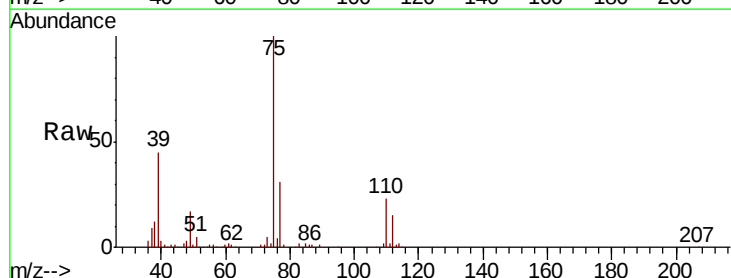
Tgt Ion: 75 Resp: 303356

Ion Ratio Lower Upper

75 100

77 30.8 26.2 39.2

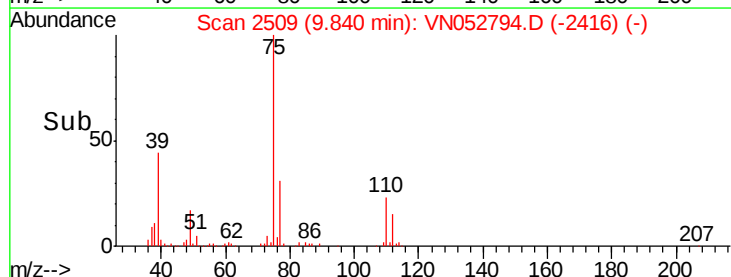
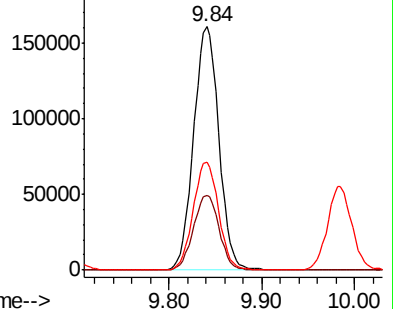
39 44.6 36.0 54.0

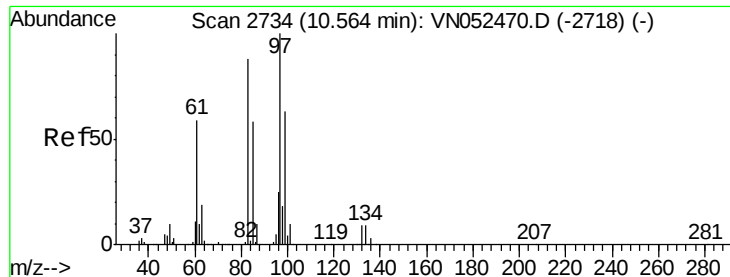


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



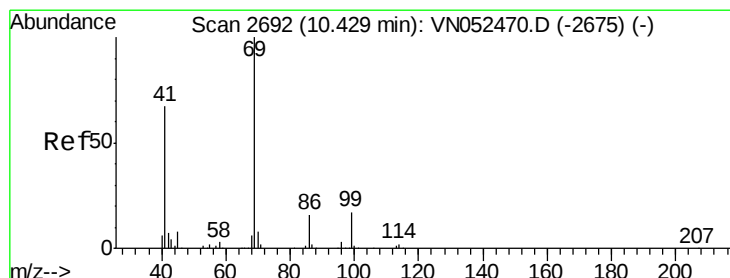
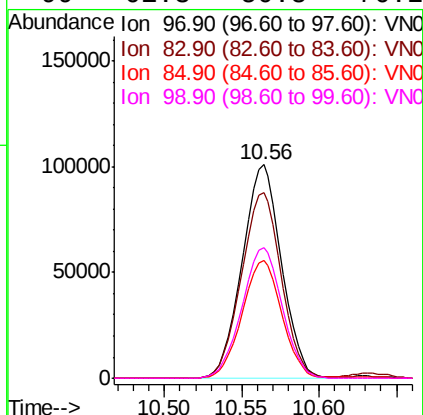
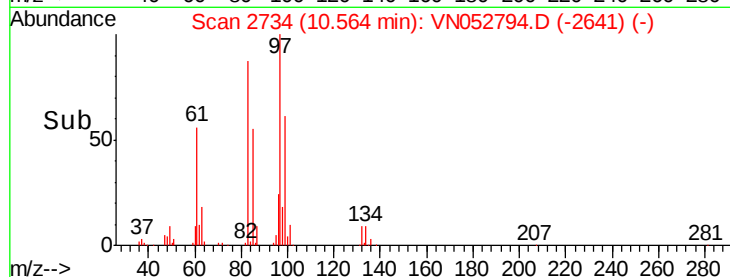
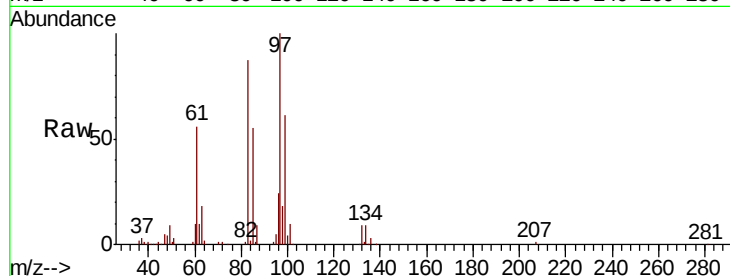


#55
 1,1,2-Trichloroethane
 Concen: 21.369 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Tot Ion: 97 Resp: 178845

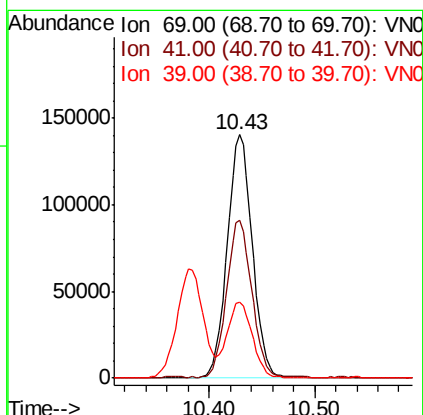
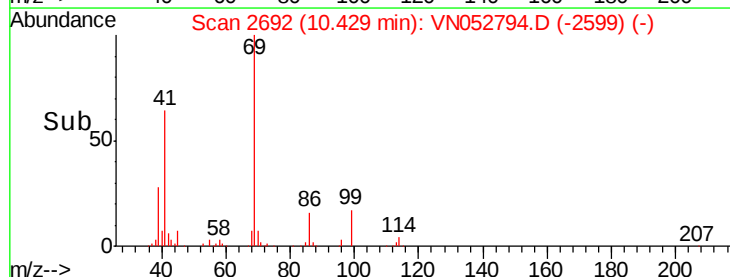
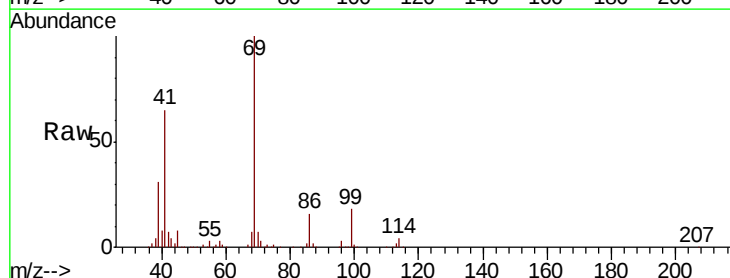
Ion	Ratio	Lower	Upper
97	100		
83	86.9	70.7	106.1
85	55.2	46.1	69.1
99	61.3	50.8	76.2

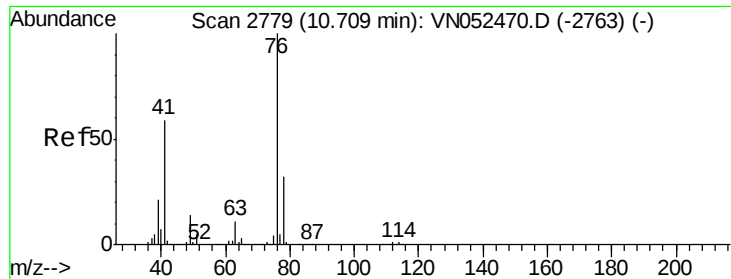


#56
 Ethyl methacrylate
 Concen: 21.488 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Tgt Ion: 69 Resp: 230871

Ion	Ratio	Lower	Upper
69	100		
41	64.1	52.6	79.0
39	31.1	25.9	38.9

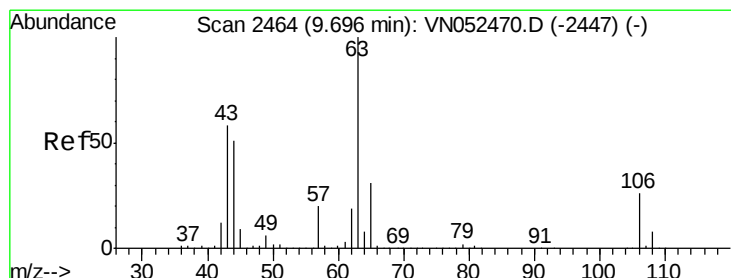
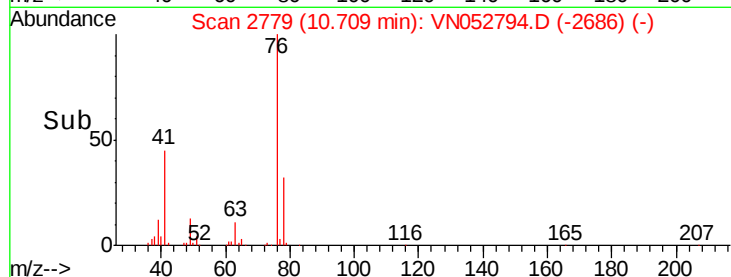
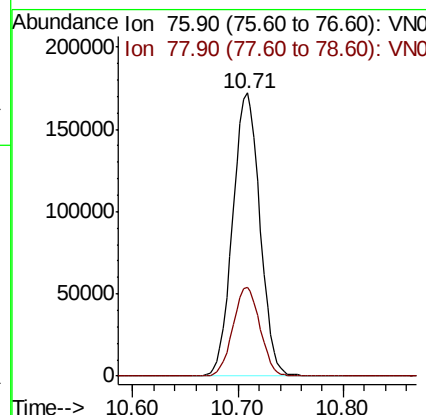
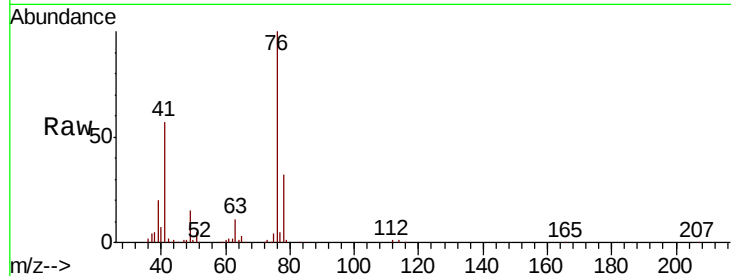




#57
 1,3-Dichloropropane
 Concen: 20.786 ug/l
 RT: 10.71 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

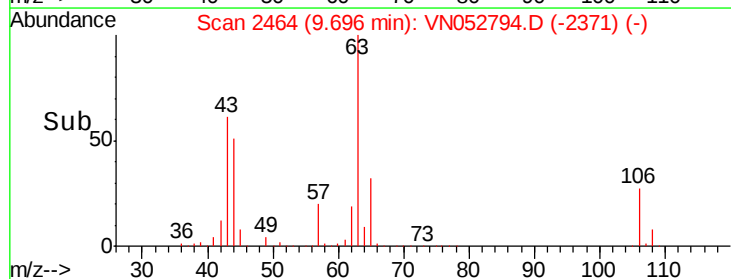
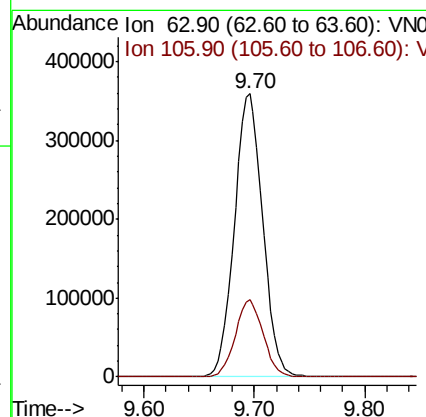
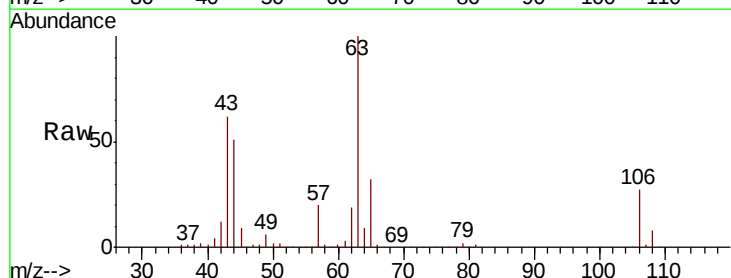
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

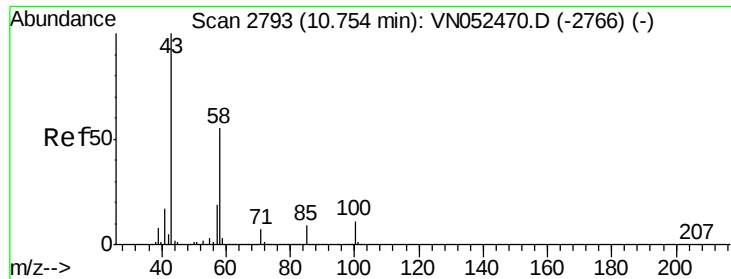
Tot Ion: 76 Resp: 307179
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.224 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Tgt Ion: 63 Resp: 639044
 Ion Ratio Lower Upper
 63 100
 106 26.8 20.6 30.8

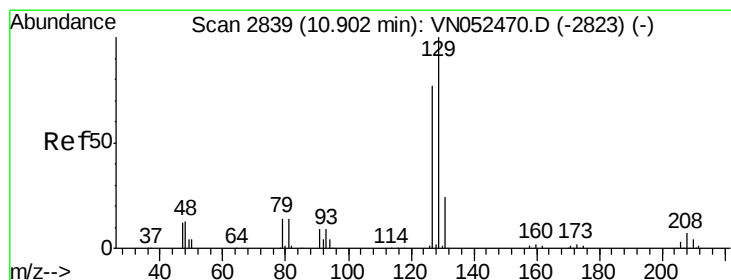
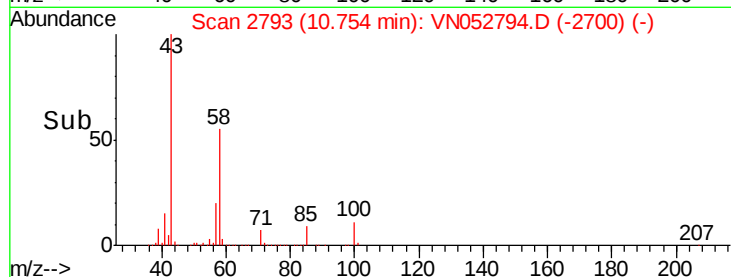
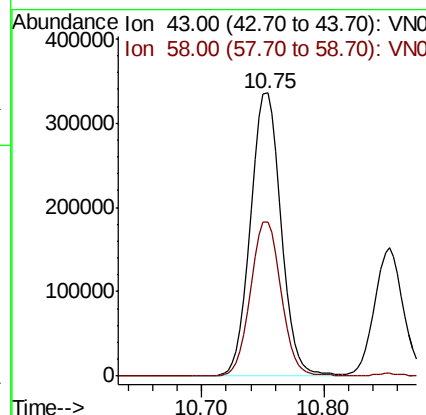
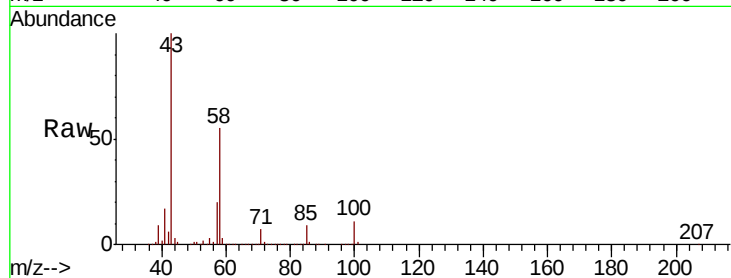




#59
2-Hexanone
Concen: 109.868 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

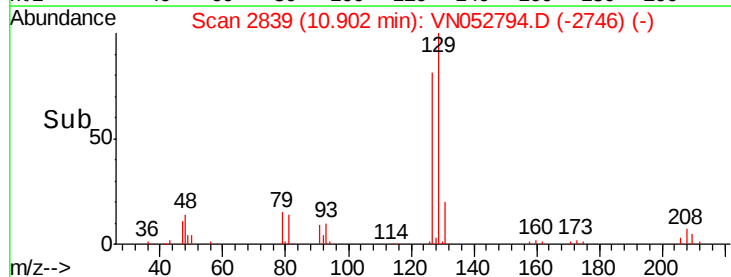
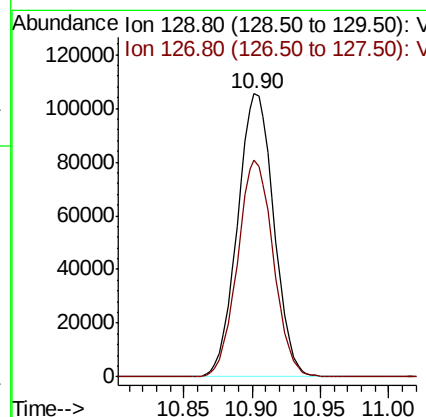
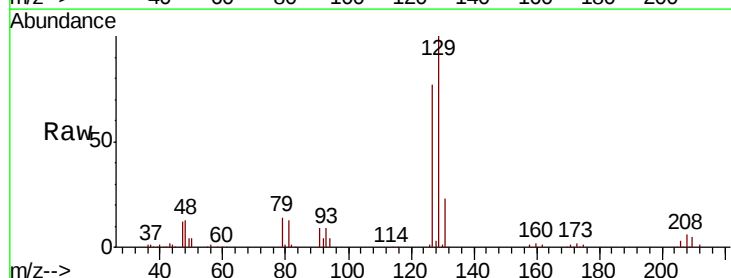
Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

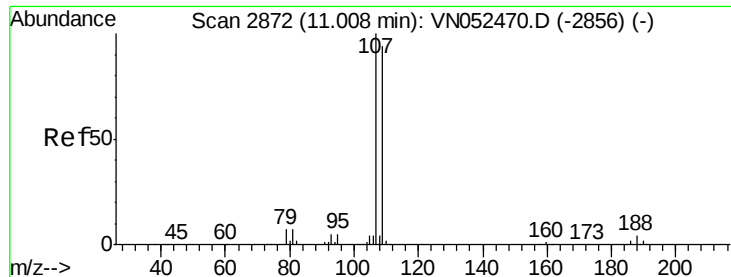
Tot Ion: 43 Resp: 574187
Ion Ratio Lower Upper
43 100
58 55.1 27.4 82.0



#60
Dibromochloromethane
Concen: 21.451 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion: 129 Resp: 194998
Ion Ratio Lower Upper
129 100
127 75.4 38.9 116.6





#61

1,2-Dibromoethane

Concen: 20.963 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

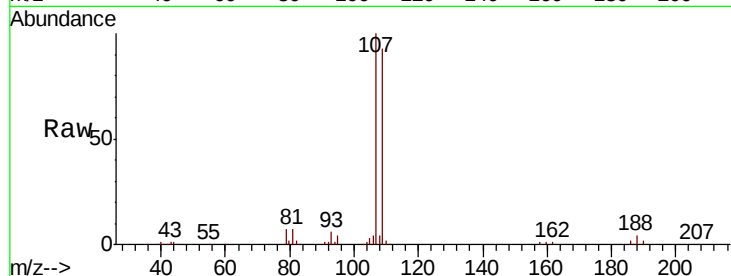
VN1211WBSD01

Tot Ion: 107 Resp: 174264

Ion Ratio Lower Upper

107 100

109 93.4 75.6 113.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.01

100000

80000

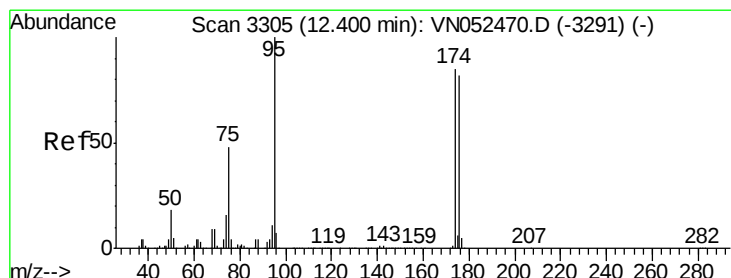
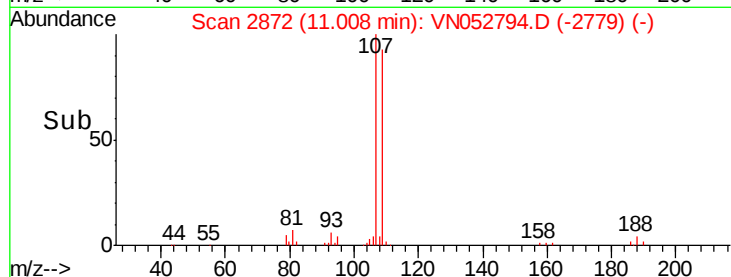
60000

40000

20000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 20.963 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

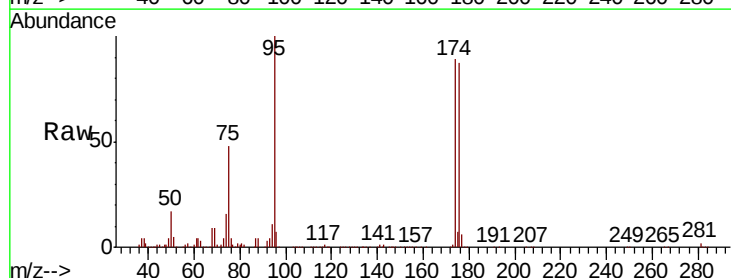
Tgt Ion: 95 Resp: 628046

Ion Ratio Lower Upper

95 100

174 89.2 0.0 173.0

176 86.4 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

500000

400000

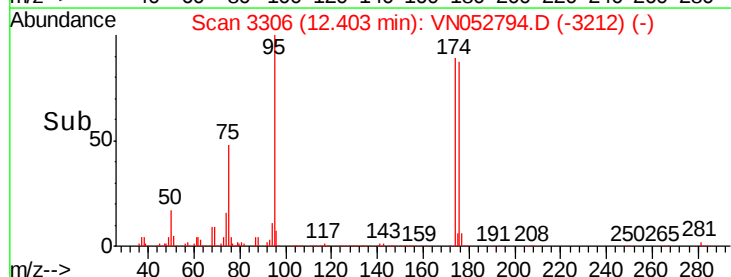
300000

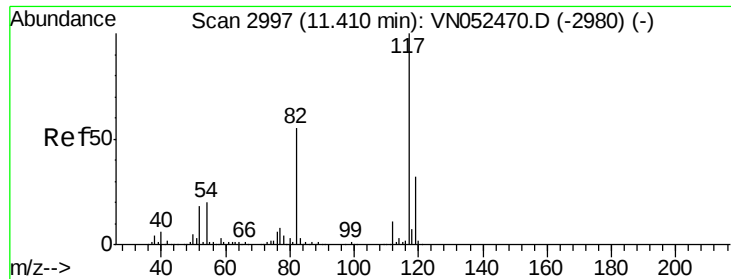
200000

100000

0

Time--> 12.30 12.35 12.40 12.45

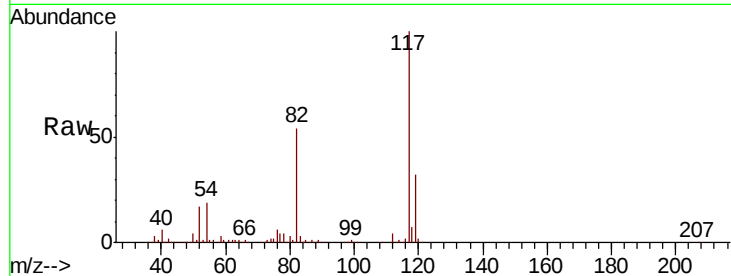




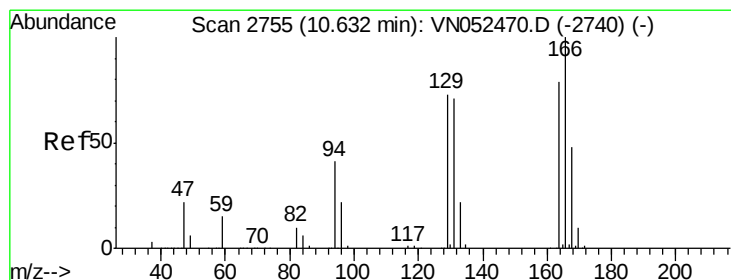
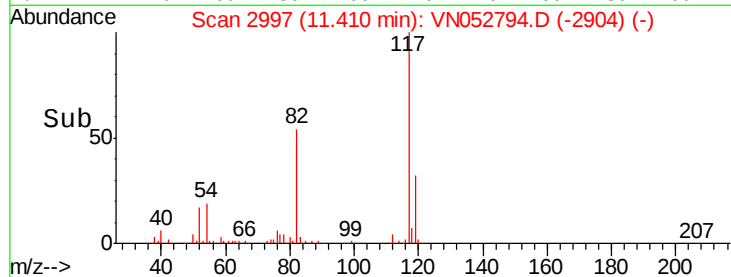
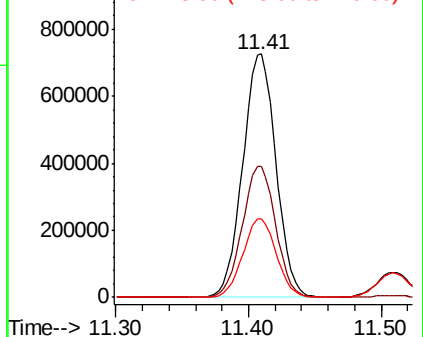
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion:117 Resp: 1260544
Ion Ratio Lower Upper
117 100
82 53.7 43.6 65.4
119 32.4 25.4 38.2

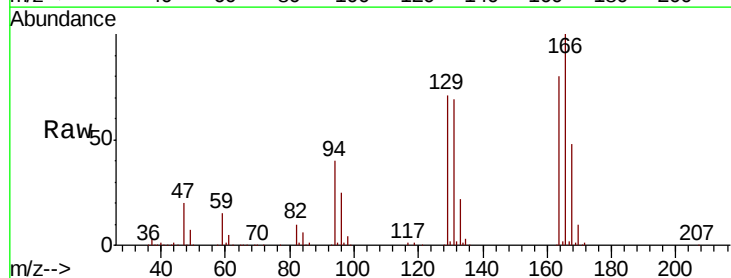


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

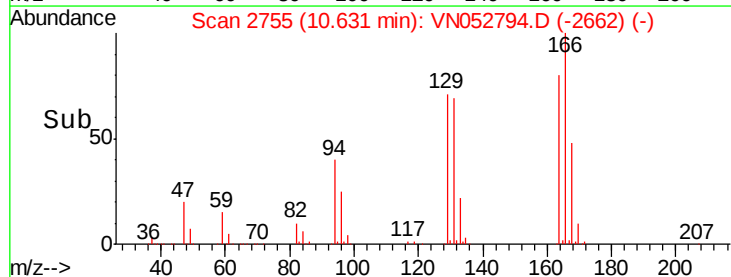
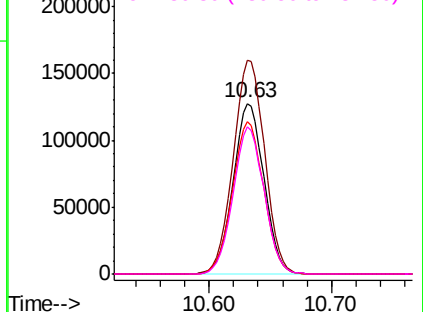


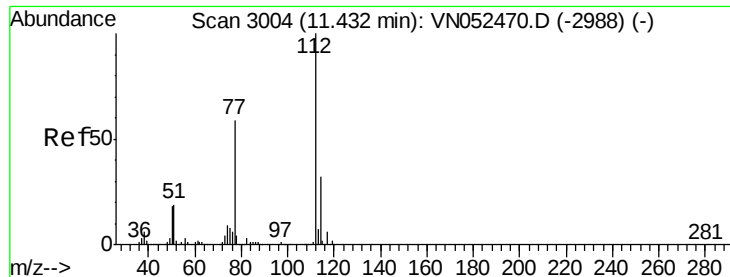
#64
Tetrachloroethene
Concen: 22.823 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion:164 Resp: 223055
Ion Ratio Lower Upper
164 100
166 125.2 101.0 151.4
129 89.5 73.8 110.6
131 86.2 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

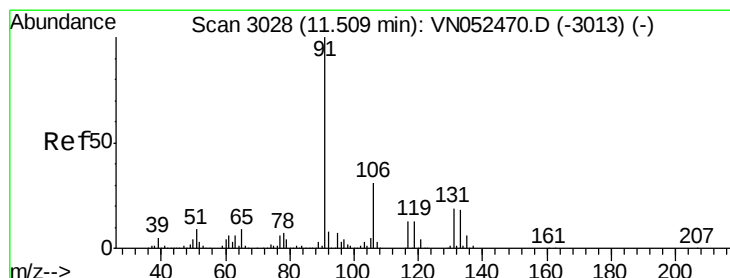
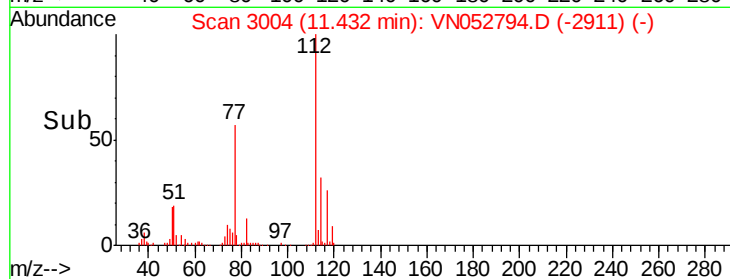
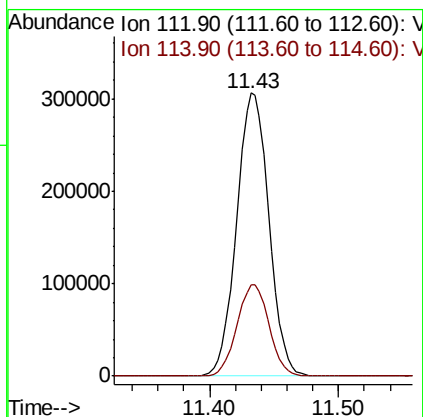
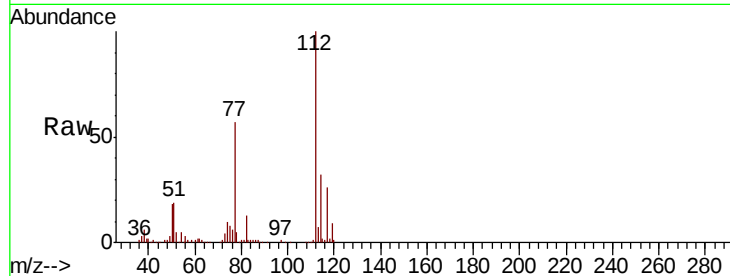




#65
Chlorobenzene
Concen: 20.444 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

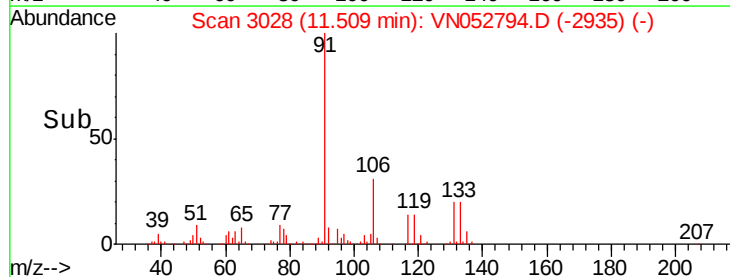
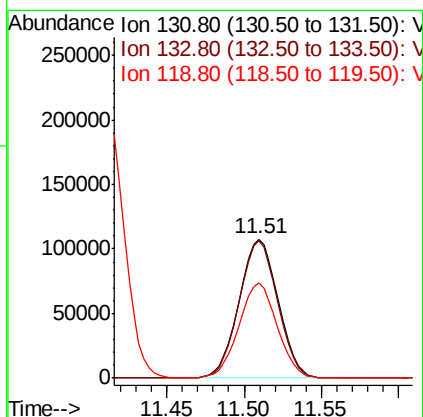
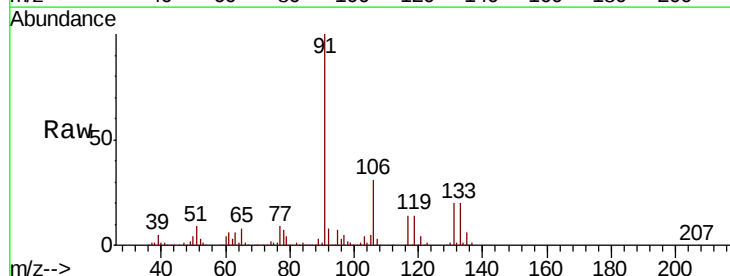
Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

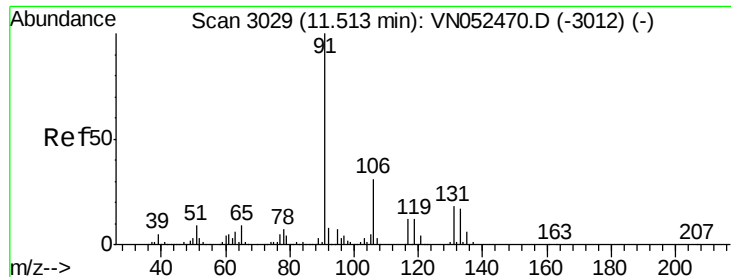
Tot Ion:112 Resp: 531378
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.025 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion:131 Resp: 190019
Ion Ratio Lower Upper
131 100
133 97.0 47.6 142.8
119 66.8 33.2 99.6

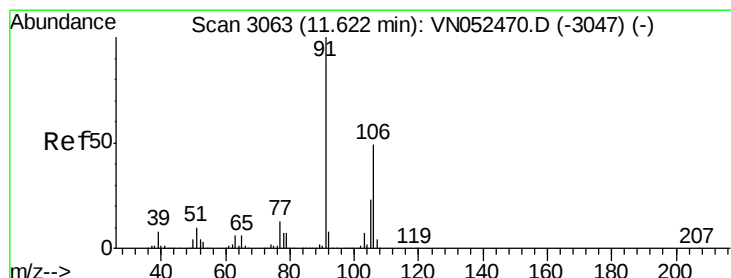
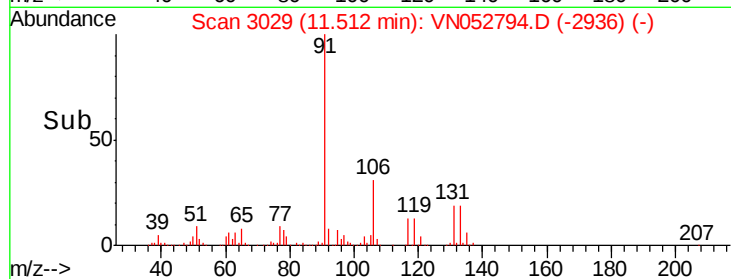
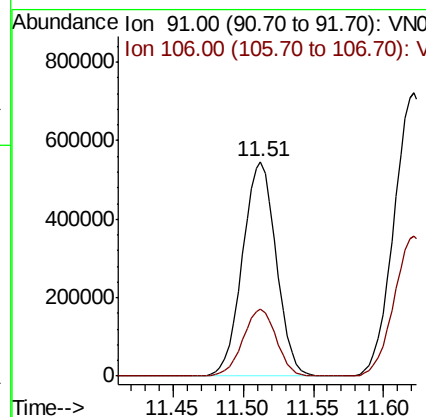
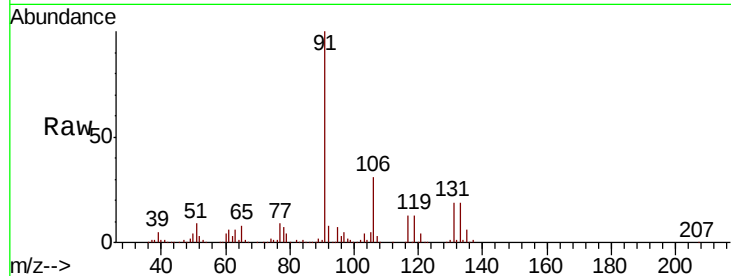




#67
Ethyl Benzene
Concen: 20.077 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

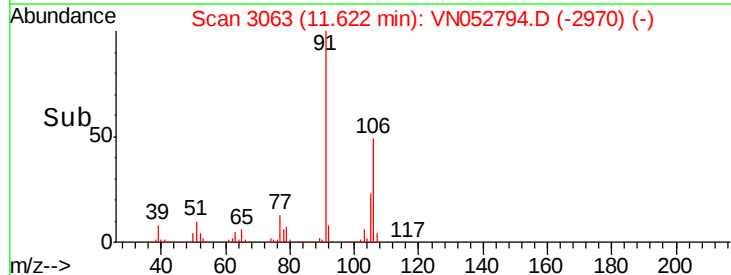
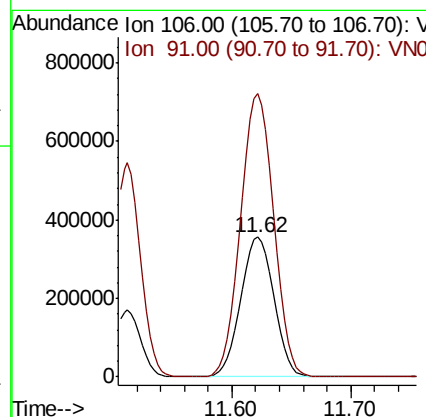
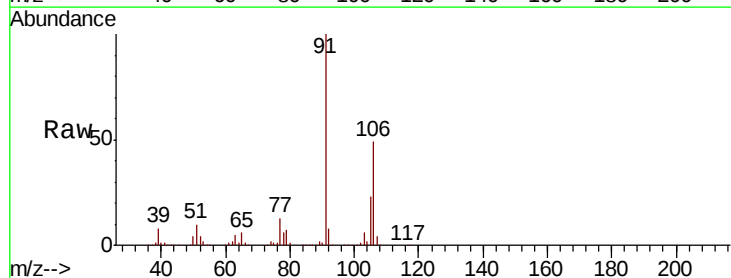
Instrument :
MSVOA_N
ClientSampled :
VN1211WBSD01

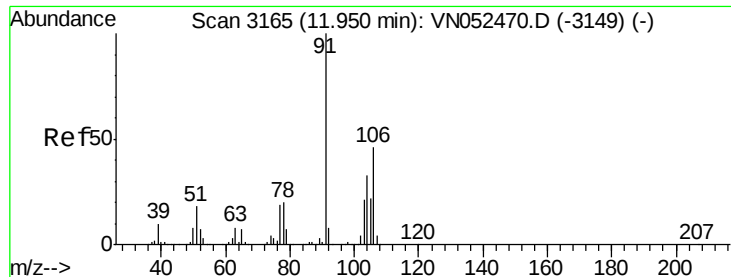
Tot Ion: 91 Resp: 913867
Ion Ratio Lower Upper
91 100
106 31.4 24.9 37.3



#68
m/p-Xylenes
Concen: 40.727 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion: 106 Resp: 690121
Ion Ratio Lower Upper
106 100
91 201.8 163.2 244.8

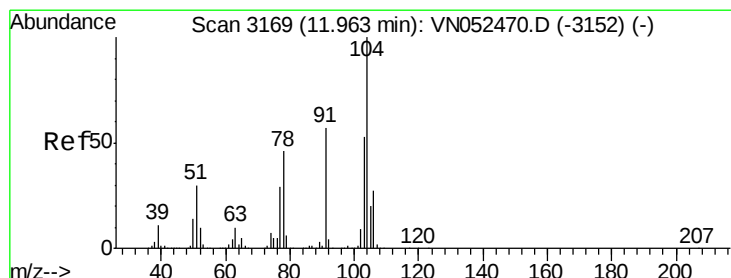
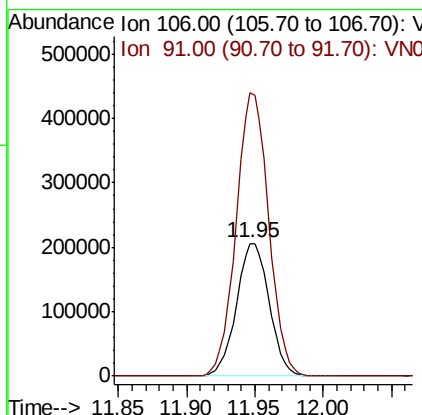
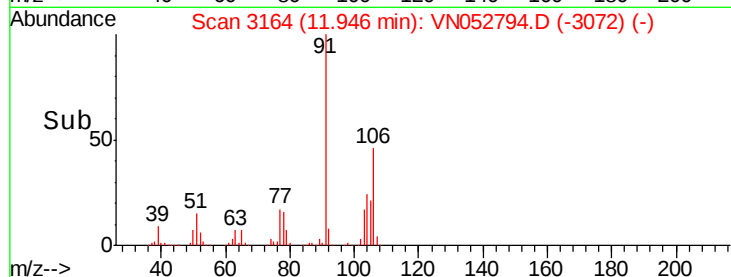
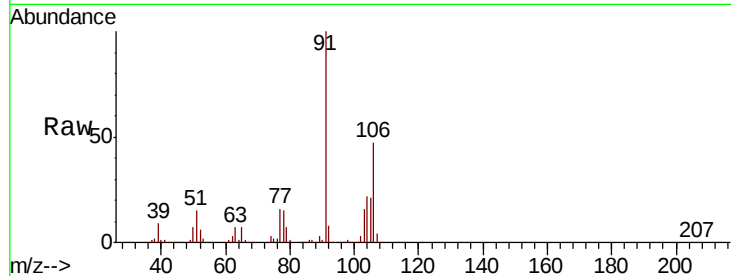




#69
o-Xylene
Concen: 20.782 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

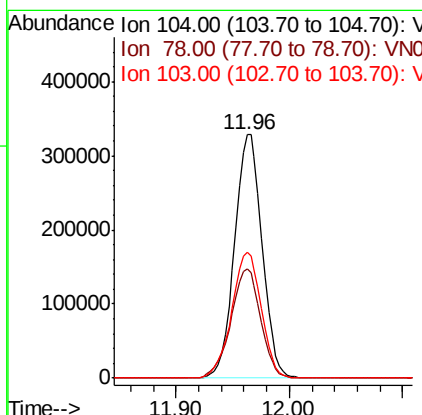
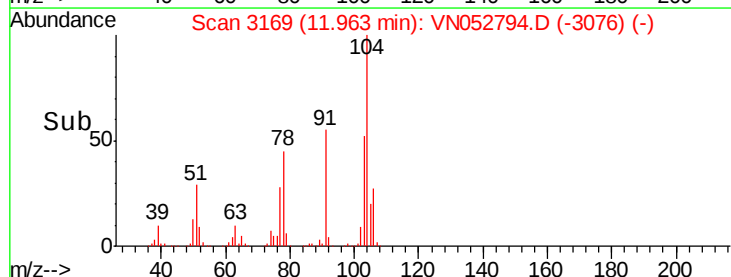
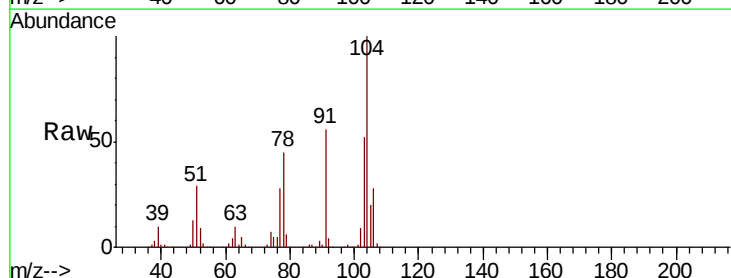
Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

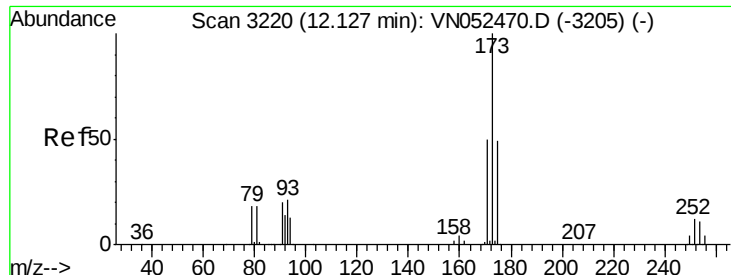
Tot Ion:106 Resp: 341971
Ion Ratio Lower Upper
106 100
91 212.6 107.7 323.1



#70
Styrene
Concen: 21.197 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion:104 Resp: 555556
Ion Ratio Lower Upper
104 100
78 48.5 39.4 59.2
103 55.6 44.9 67.3

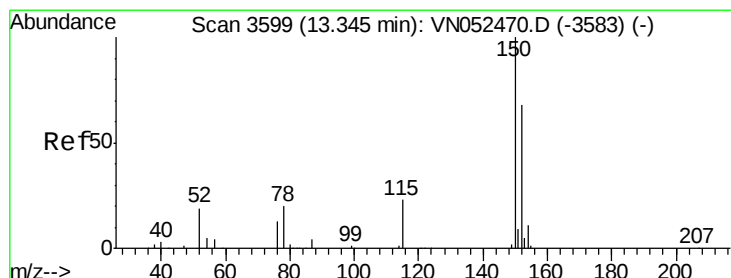
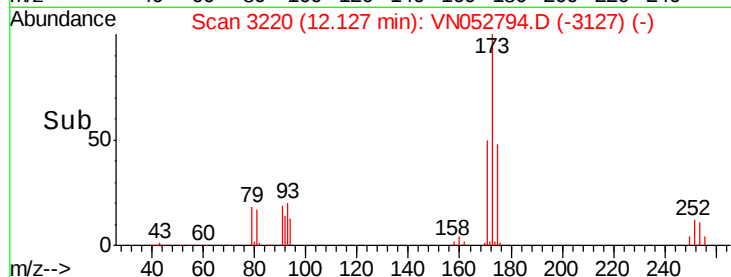
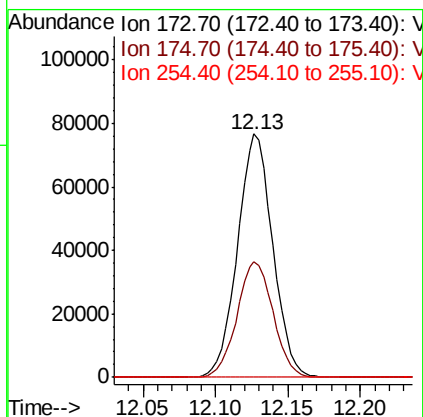
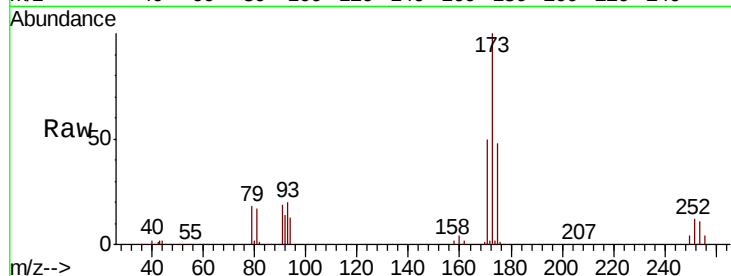




#71
 Bromoform
 Concen: 21.625 ug/l
 RT: 12.13 min Scan# 3220
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

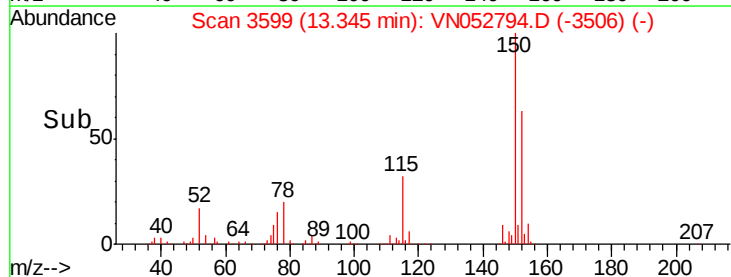
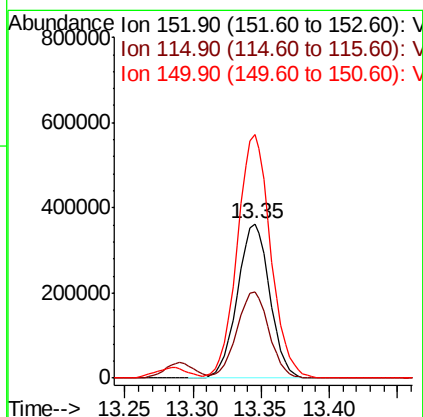
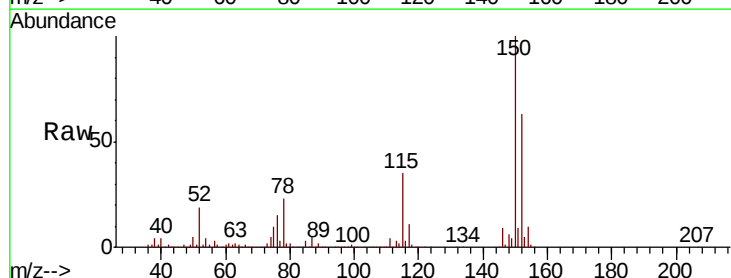
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

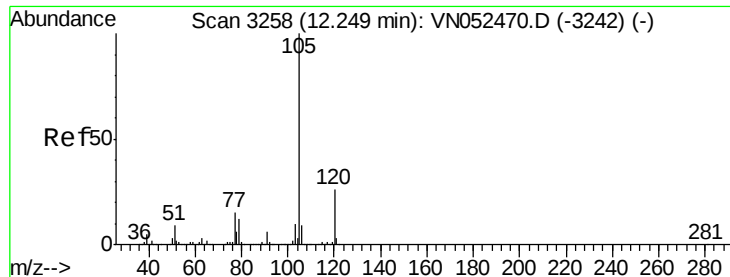
Tot Ion:173 Resp: 129403
 Ion Ratio Lower Upper
 173 100
 175 48.5 24.4 73.2
 254 0.0 0.1 0.1#



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Tgt Ion:152 Resp: 595351
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.4 85.2
 150 163.3 0.0 346.0





#73

Isopropylbenzene

Concen: 19.359 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

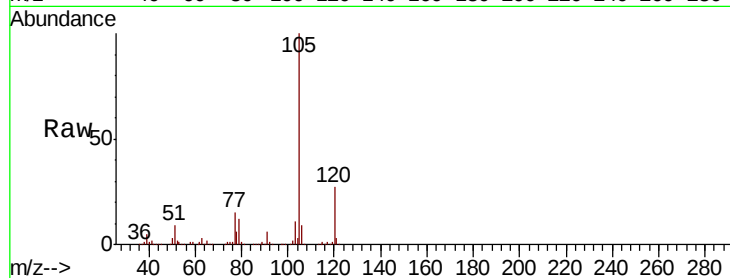
VN1211WBSD01

Tot Ion:105 Resp: 904241

Ion Ratio Lower Upper

105 100

120 26.8 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

500000

400000

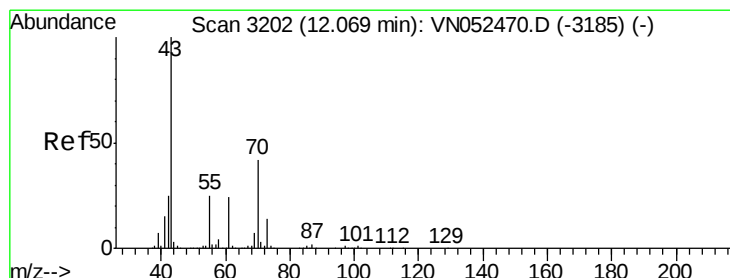
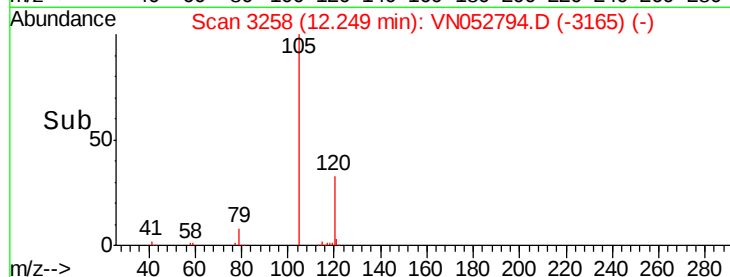
300000

200000

100000

0

Time--> 12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 21.579 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Tgt Ion: 43 Resp: 254638

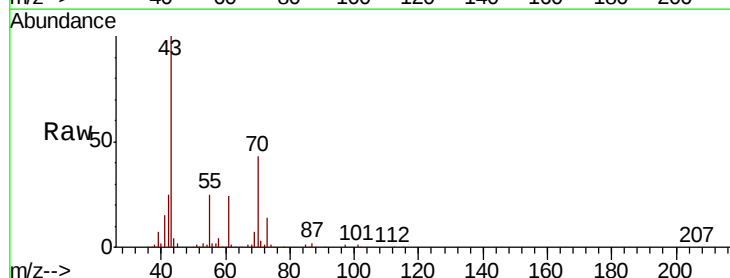
Ion Ratio Lower Upper

43 100

70 43.2 33.8 50.8

55 25.2 20.0 30.0

61 25.0 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

250000

200000

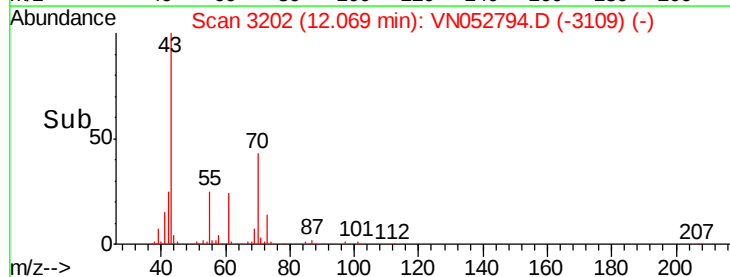
150000

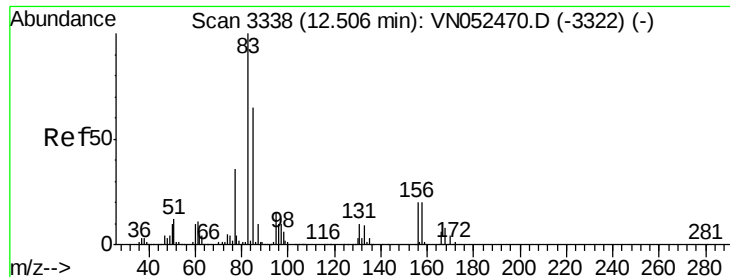
100000

50000

0

Time--> 12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 19.358 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

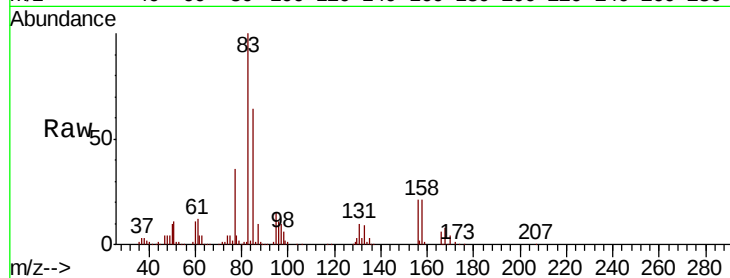
Tot Ion: 83 Resp: 205680

Ion Ratio Lower Upper

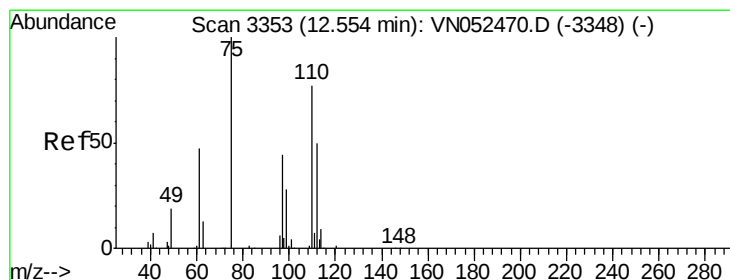
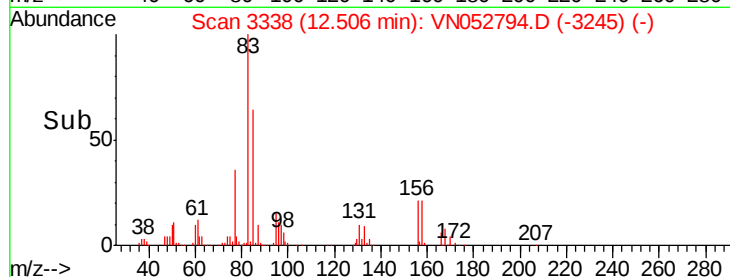
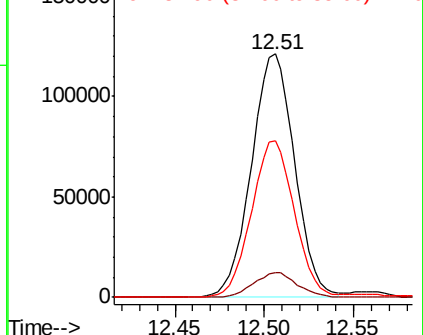
83 100

131 10.3 5.0 15.0

85 63.8 31.9 95.9



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



#76

1,2,3-Trichloropropane

Concen: 28.596 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052794.D

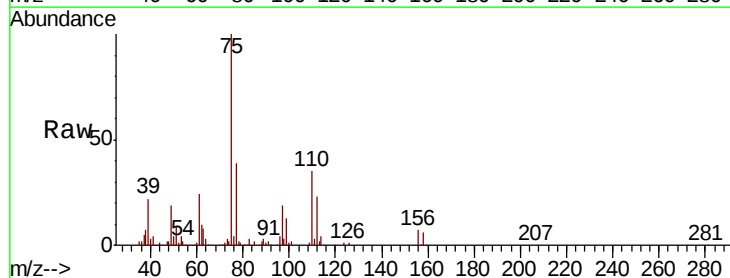
Acq: 11 Dec 2018 11:17

Tgt Ion: 75 Resp: 262534

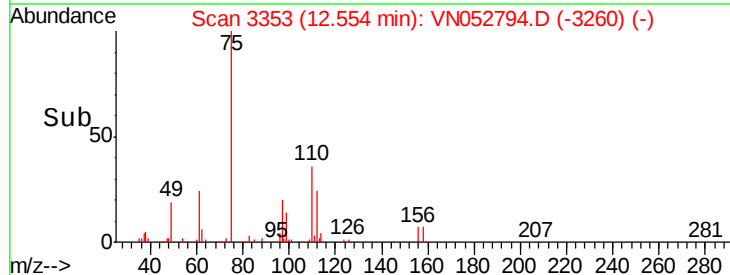
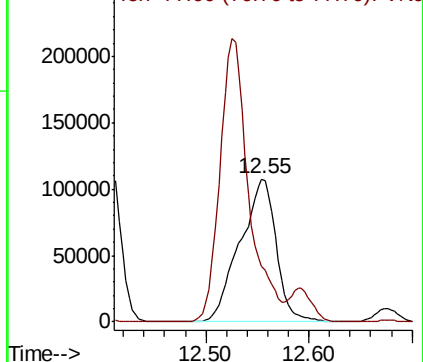
Ion Ratio Lower Upper

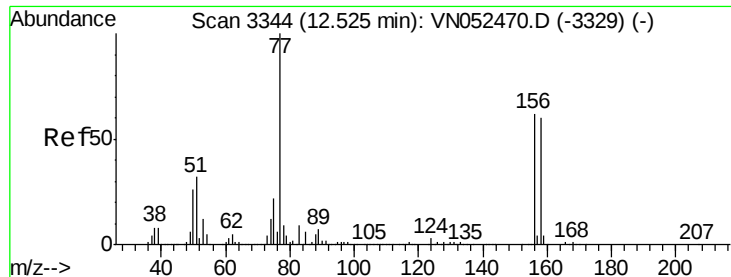
75 100

77 0.0 0.0 0.0



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





#77

Bromobenzene

Concen: 20.240 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

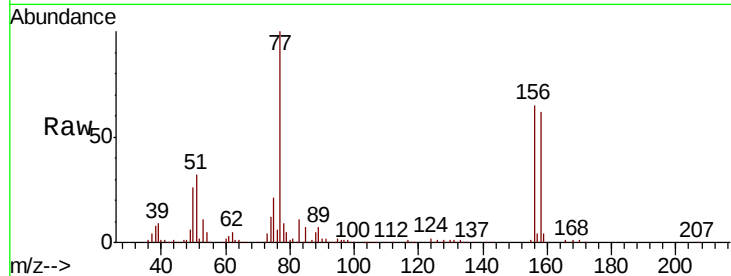
Tot Ion:156 Resp: 233670

Ion Ratio Lower Upper

156 100

77 178.8 93.5 280.4

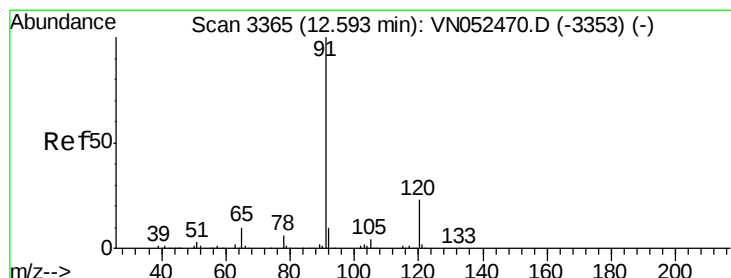
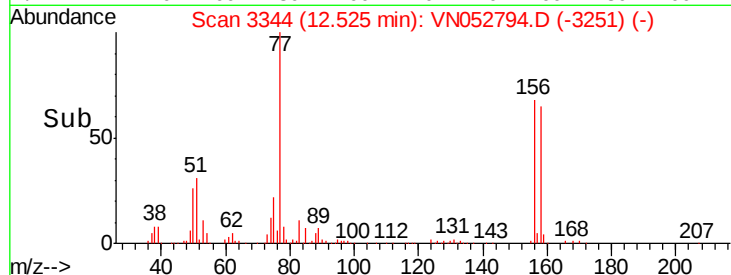
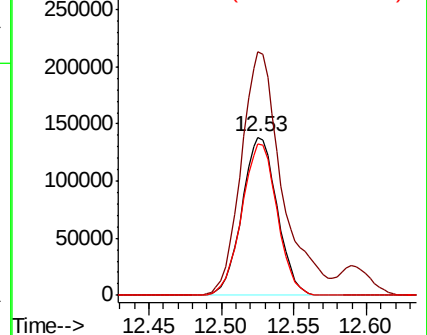
158 96.0 48.3 144.9



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: 19.353 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. -0.00 min

Lab File: VN052794.D

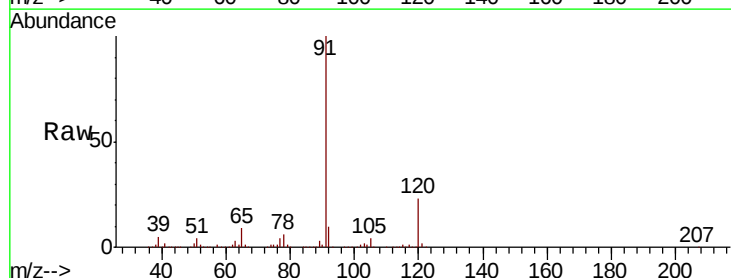
Acq: 11 Dec 2018 11:17

Tgt Ion: 91 Resp: 1026928

Ion Ratio Lower Upper

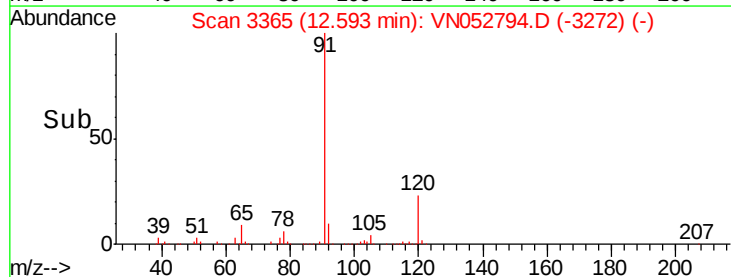
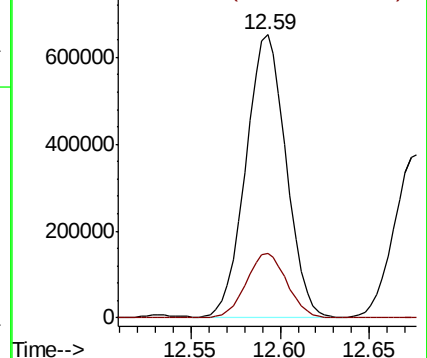
91 100

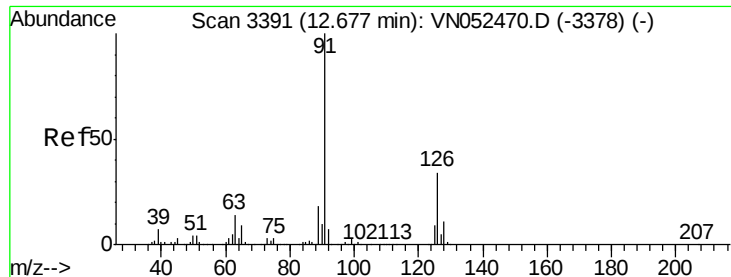
120 23.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.529 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

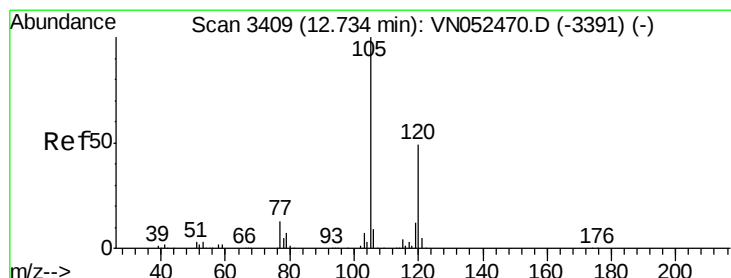
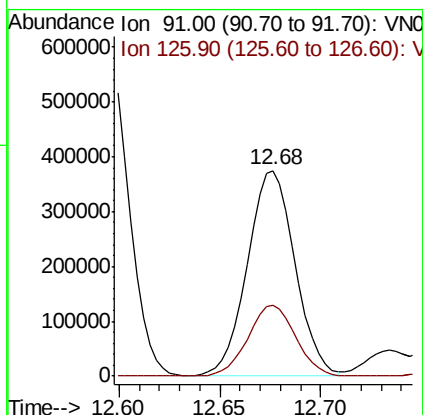
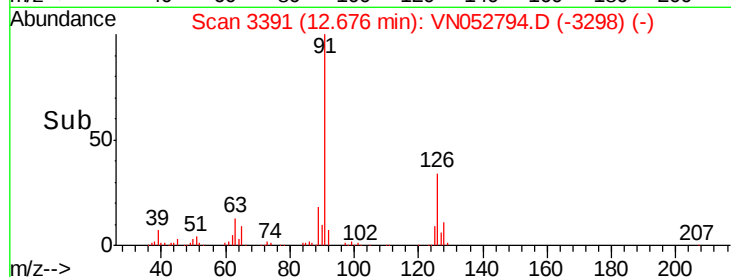
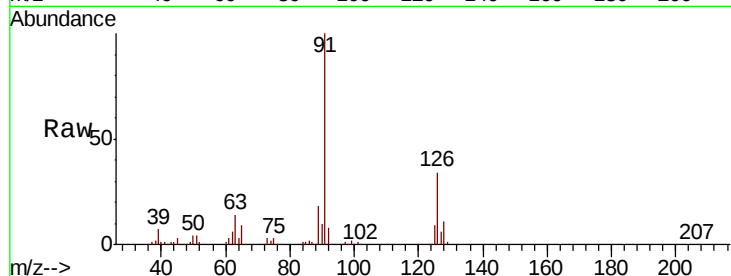
VN1211WBSD01

Tot Ion: 91 Resp: 617118

Ion Ratio Lower Upper

91 100

126 34.6 17.2 51.6



#80

1,3,5-Trimethylbenzene

Concen: 19.625 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. -0.00 min

Lab File: VN052794.D

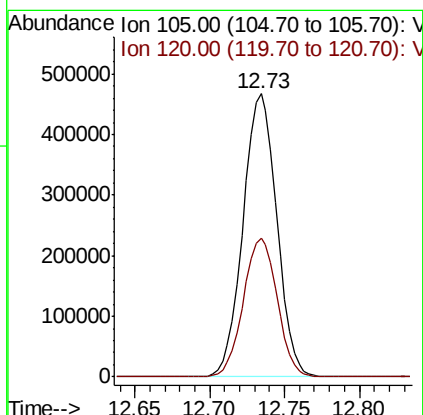
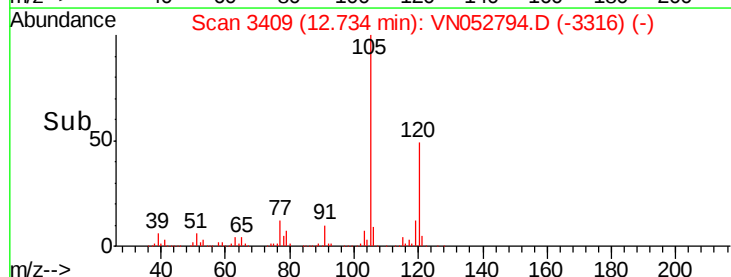
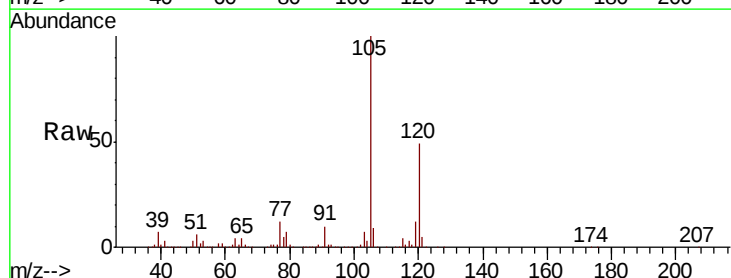
Acq: 11 Dec 2018 11:17

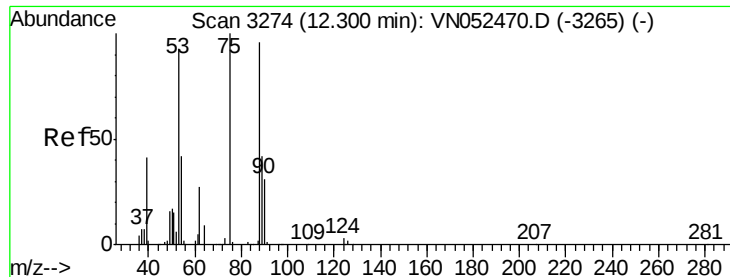
Tgt Ion: 105 Resp: 731068

Ion Ratio Lower Upper

105 100

120 49.5 24.3 73.0





#81

trans-1,4-Dichloro-2-butene

Concen: 19.783 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

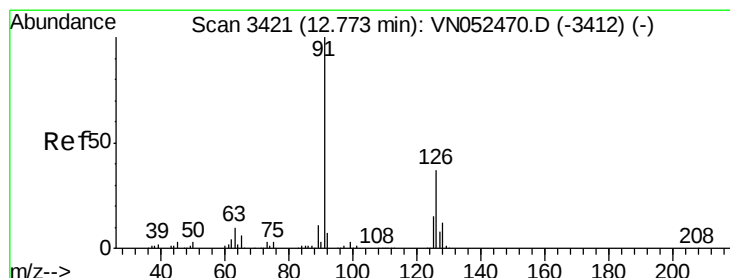
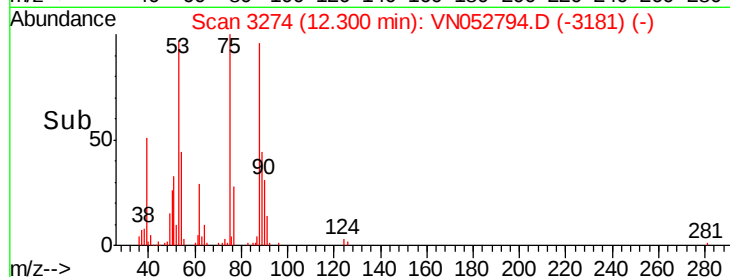
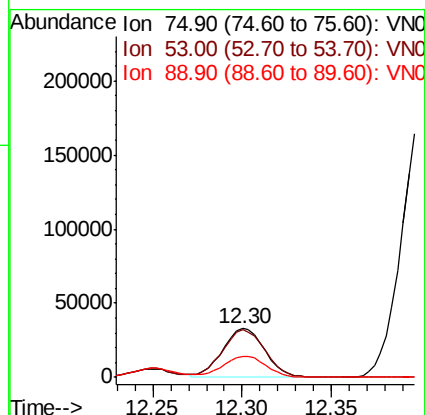
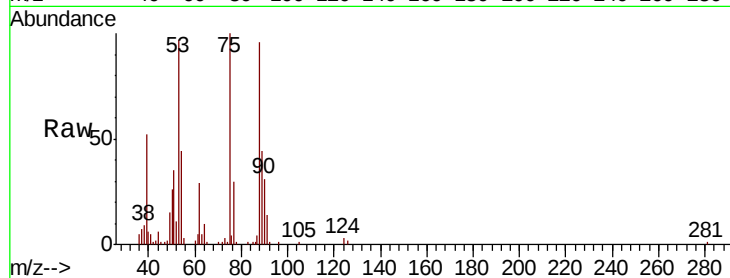
Tot Ion: 75 Resp: 54385

Ion Ratio Lower Upper

75 100

53 98.6 77.4 116.0

89 44.4 35.4 53.2



#82

4-Chlorotoluene

Concen: 19.702 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052794.D

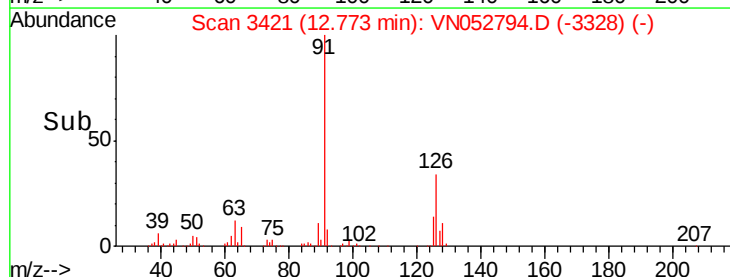
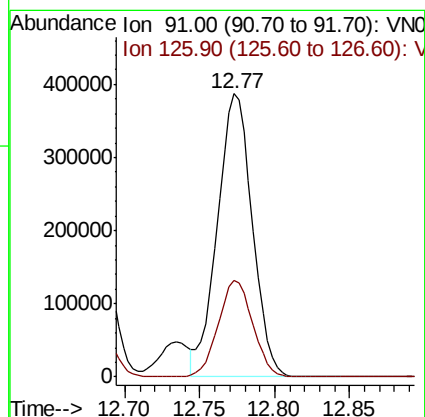
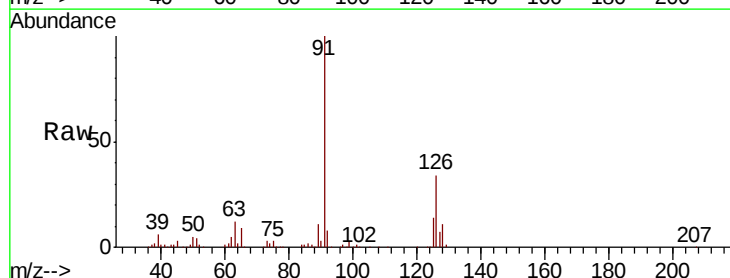
Acq: 11 Dec 2018 11:17

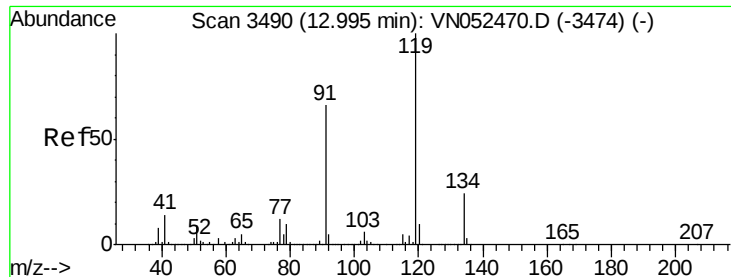
Tgt Ion: 91 Resp: 627450

Ion Ratio Lower Upper

91 100

126 33.7 16.9 50.6

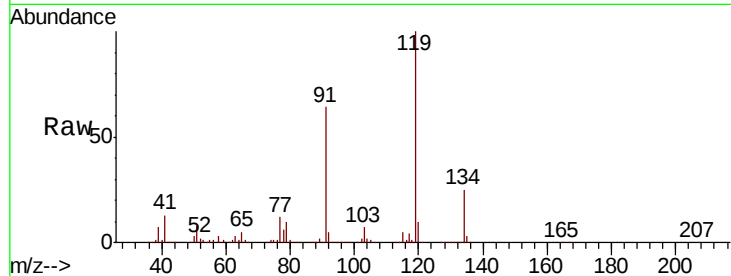




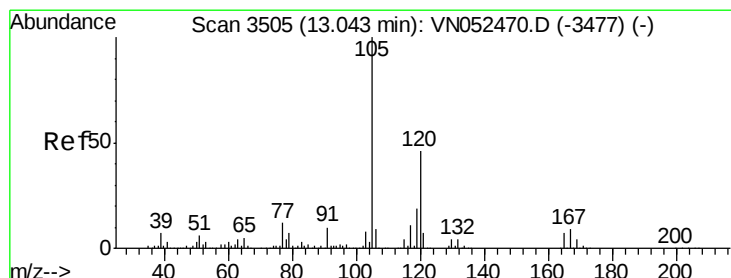
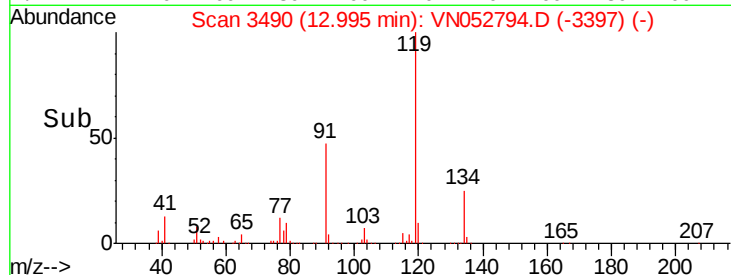
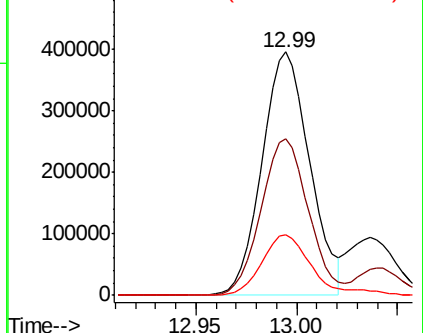
#83
 tert-Butylbenzene
 Concen: 19.646 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Instrument :
 MSVOA_N
 ClientSampled :
 VN1211WBSD01

Tot Ion:119 Resp: 652464
 Ion Ratio Lower Upper
 119 100
 91 63.8 32.3 96.9
 134 26.2 13.0 38.9

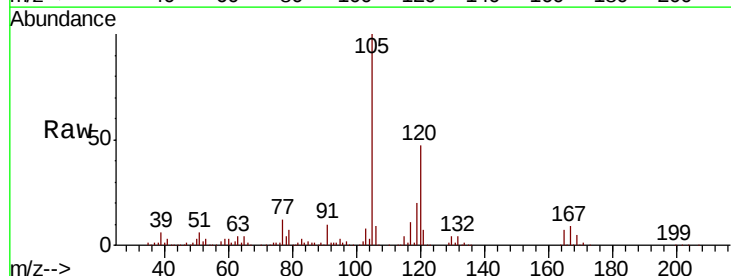


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

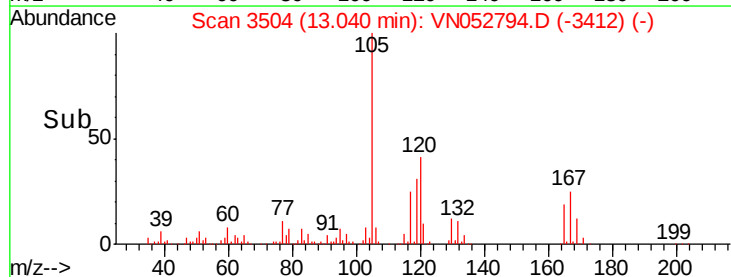
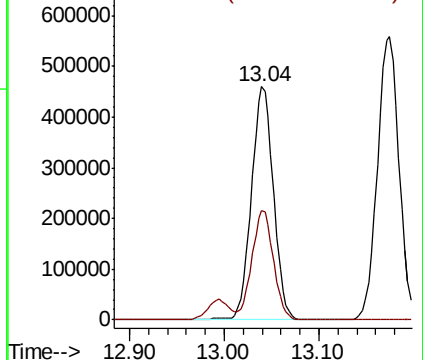


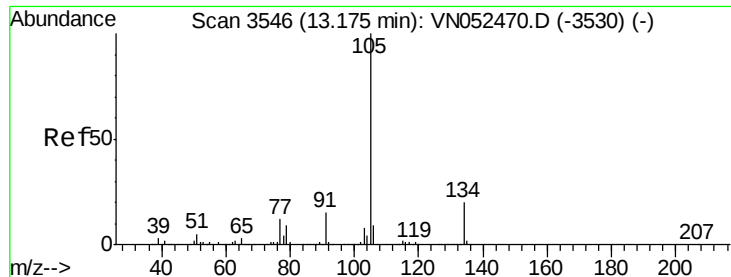
#84
 1,2,4-Trimethylbenzene
 Concen: 19.912 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Tgt Ion:105 Resp: 743366
 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: 19.488 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

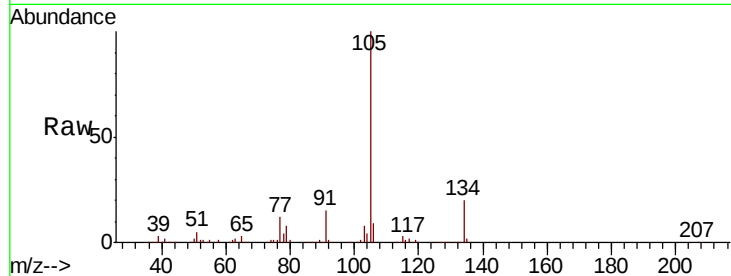
VN1211WBSD01

Tot Ion:105 Resp: 881520

Ion Ratio Lower Upper

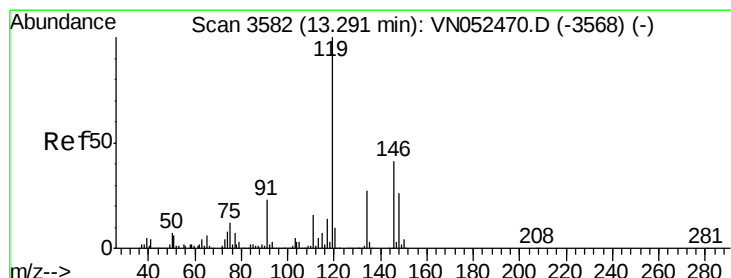
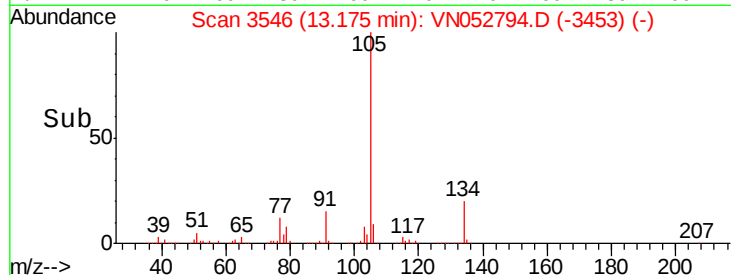
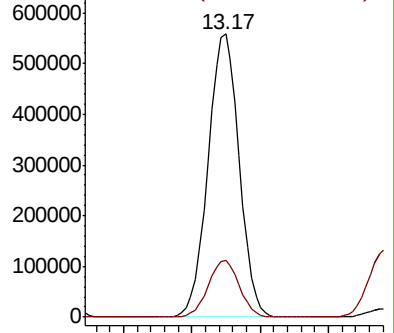
105 100

134 20.0 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.611 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

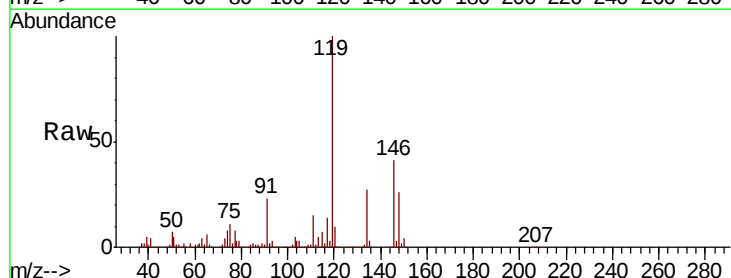
Tgt Ion:119 Resp: 755565

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

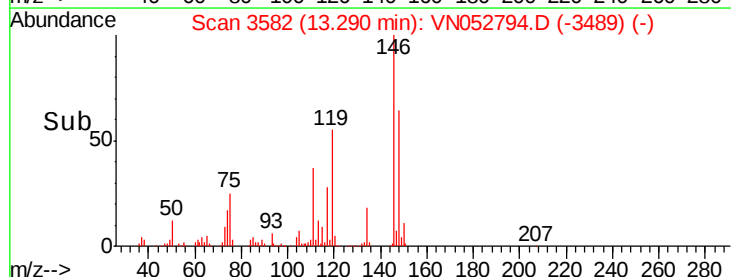
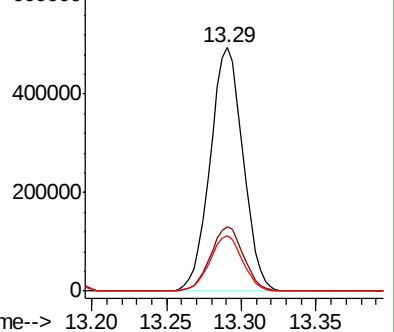
91 22.7 11.4 34.2

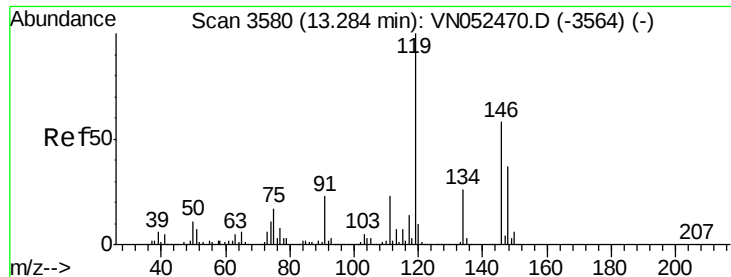


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

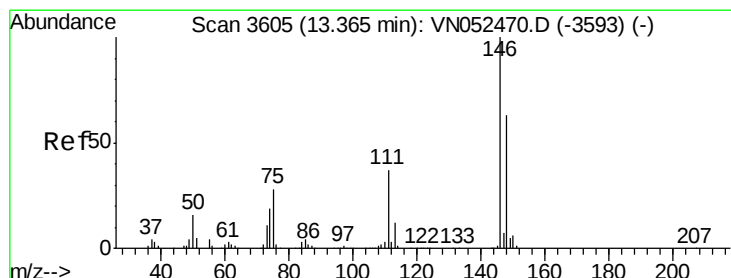
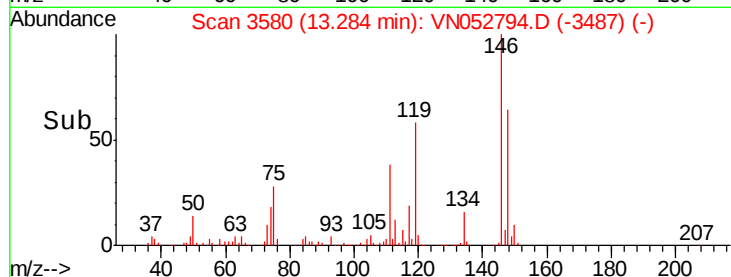
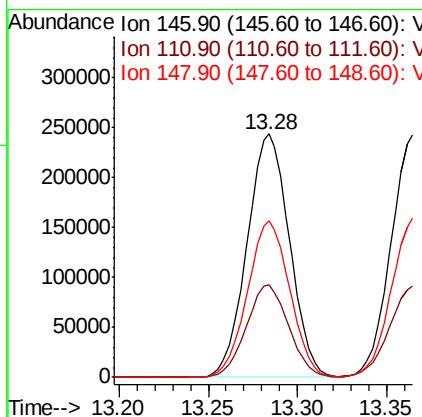
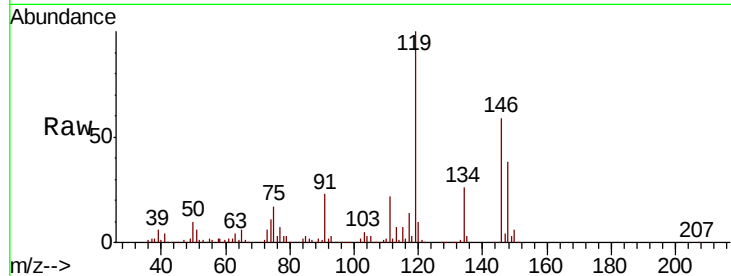




#87
 1,3-Dichlorobenzene
 Concen: 20.052 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

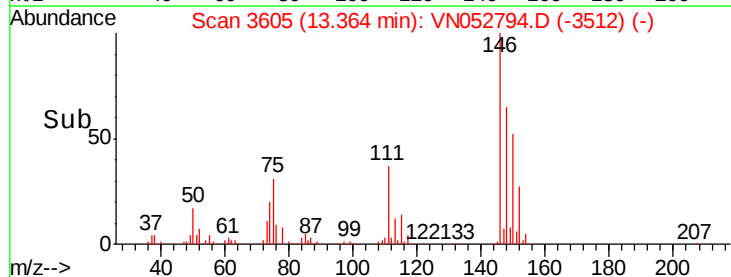
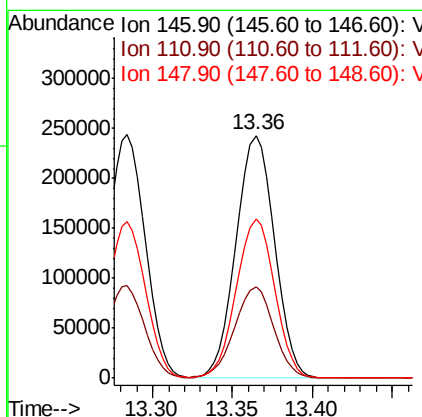
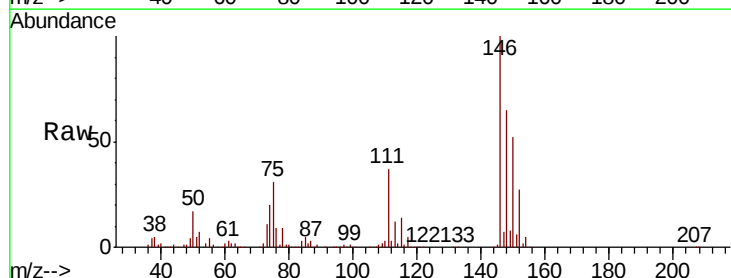
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

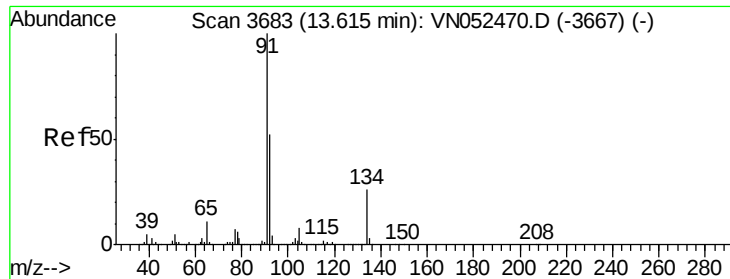
Tot Ion:146 Resp: 404950
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.4
 148 64.2 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 20.045 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Tgt Ion:146 Resp: 398736
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.6 56.0
 148 65.5 31.9 95.9





#89

n-Butylbenzene

Concen: 19.550 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampled :

VN1211WBSD01

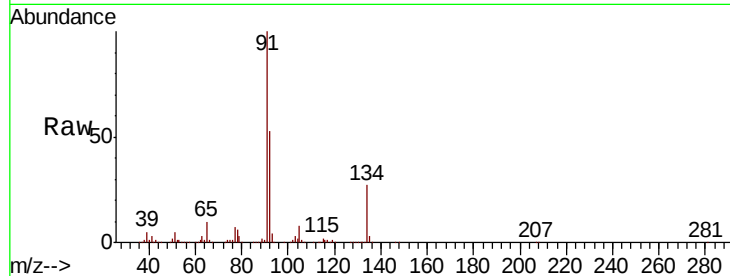
Tot Ion: 91 Resp: 626399

Ion Ratio Lower Upper

91 100

92 52.6 26.1 78.3

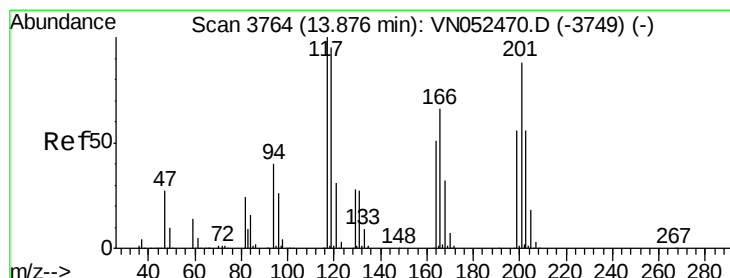
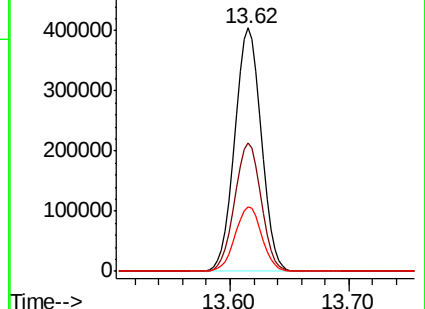
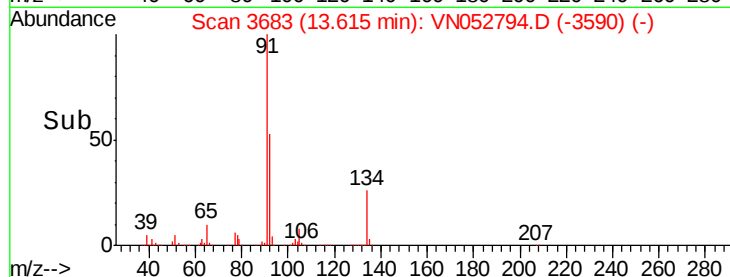
134 26.5 13.0 38.9



Abundance Ion 91.00 (90.70 to 91.70): VN052470.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN052470.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN052470.D (-3667) (-)



#90

Hexachloroethane

Concen: 18.987 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052794.D

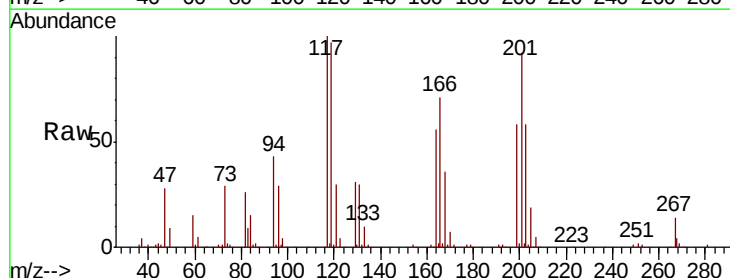
Acq: 11 Dec 2018 11:17

Tgt Ion: 117 Resp: 123862

Ion Ratio Lower Upper

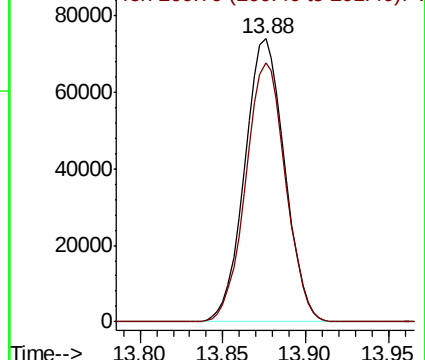
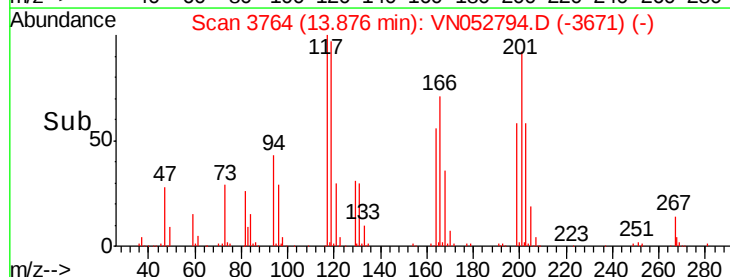
117 100

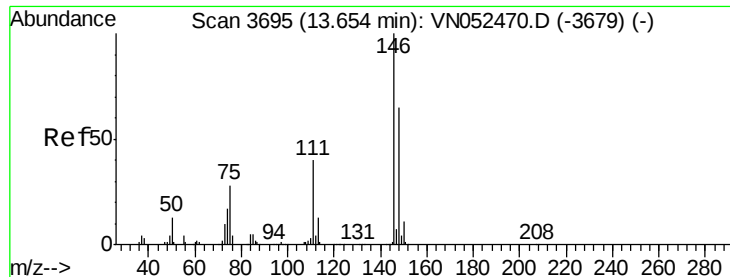
201 91.2 43.6 130.9



Abundance Ion 116.80 (116.50 to 117.50): VN052470.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN052470.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 20.407 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

Instrument :

MSVOA_N

ClientSampleId :

VN1211WBSD01

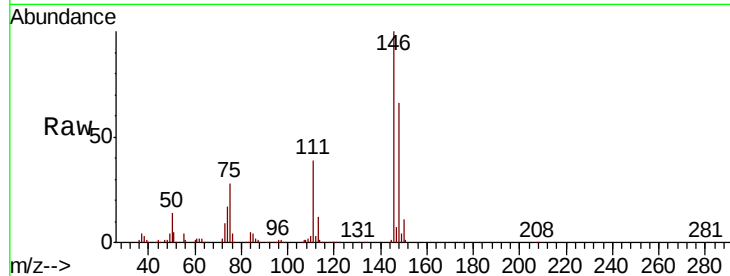
Tot Ion:146 Resp: 393740

Ion Ratio Lower Upper

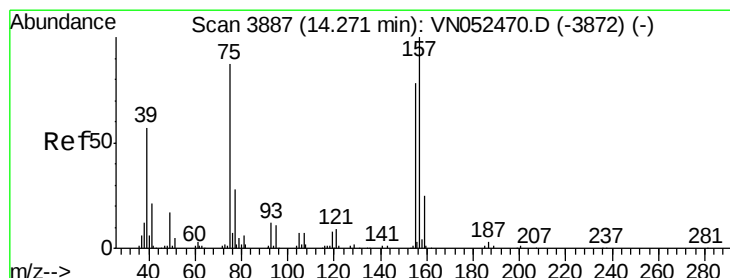
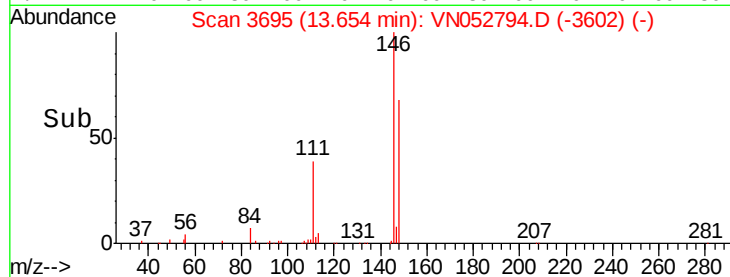
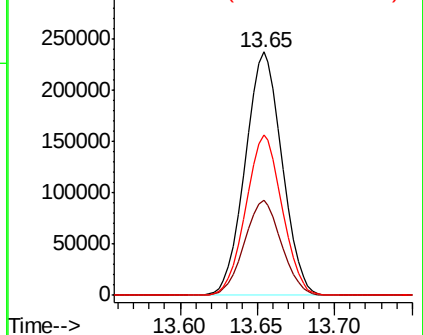
146 100

111 39.2 20.0 60.0

148 65.0 32.0 96.2



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.459 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. -0.00 min

Lab File: VN052794.D

Acq: 11 Dec 2018 11:17

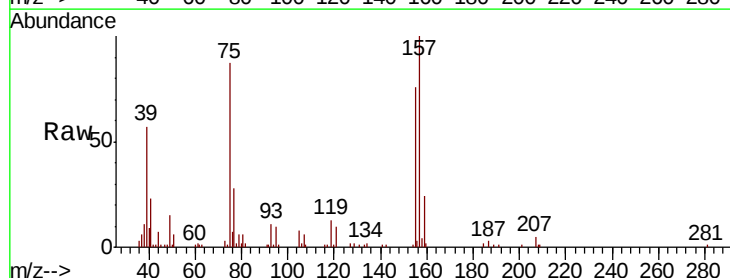
Tgt Ion: 75 Resp: 32610

Ion Ratio Lower Upper

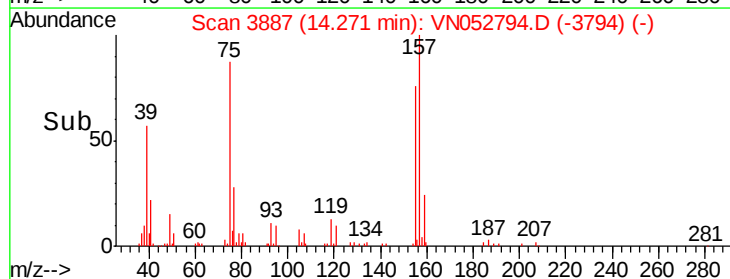
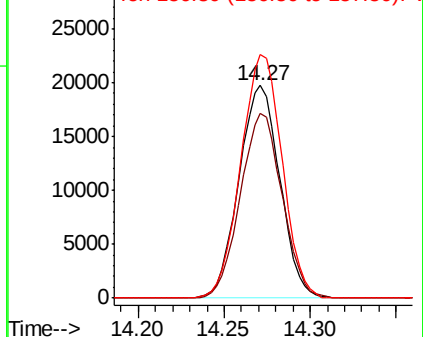
75 100

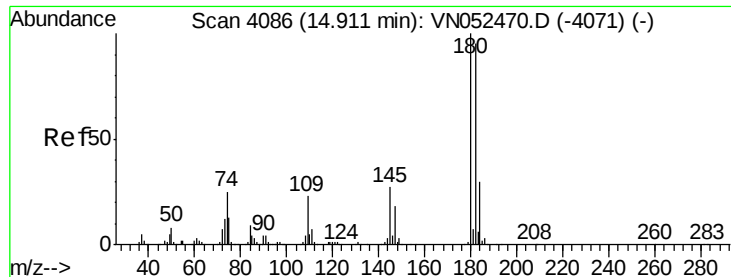
155 88.6 45.3 135.9

157 115.4 58.1 174.2



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V

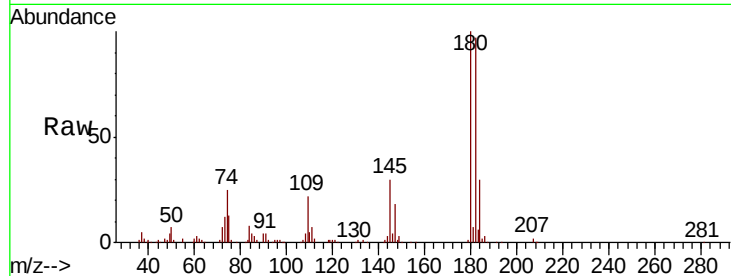




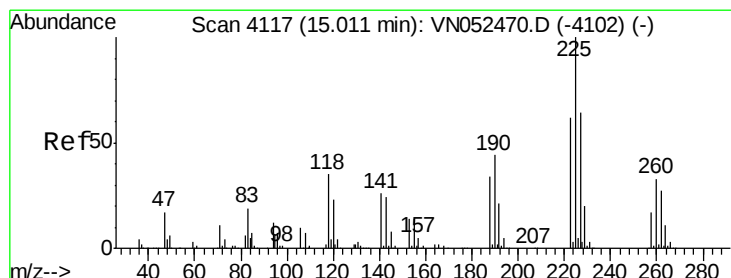
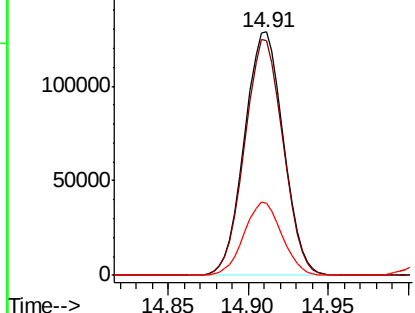
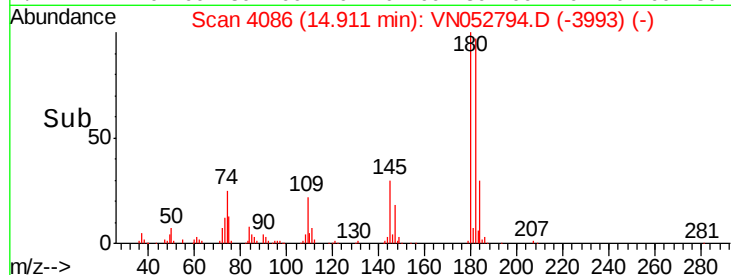
#93
 1,2,4-Trichlorobenzene
 Concen: 21.914 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1211WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	29.3	14.1	42.3

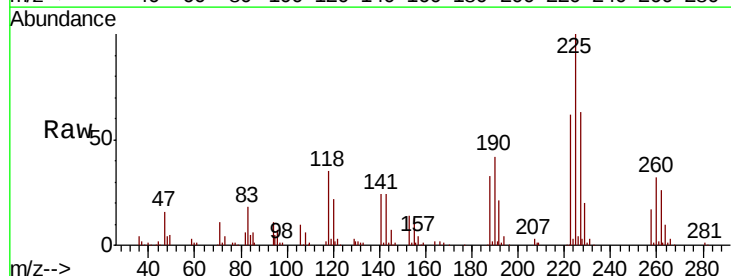


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

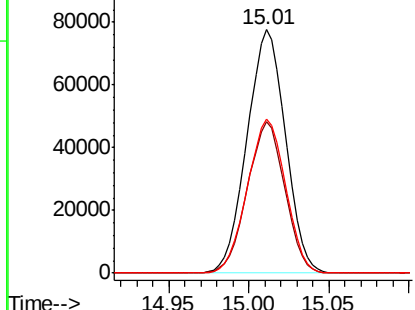
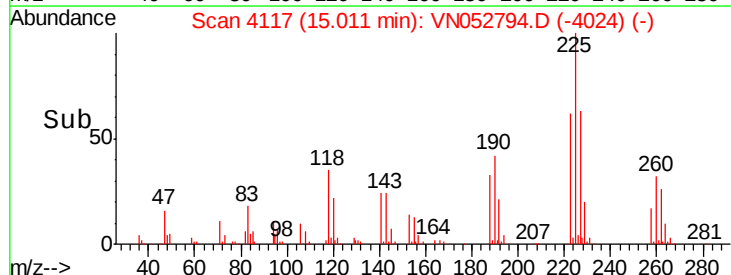


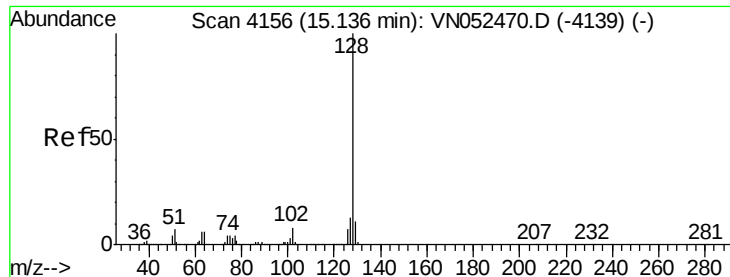
#94
 Hexachlorobutadiene
 Concen: 20.571 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN052794.D
 Acq: 11 Dec 2018 11:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.6	31.4	94.2
227	63.0	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

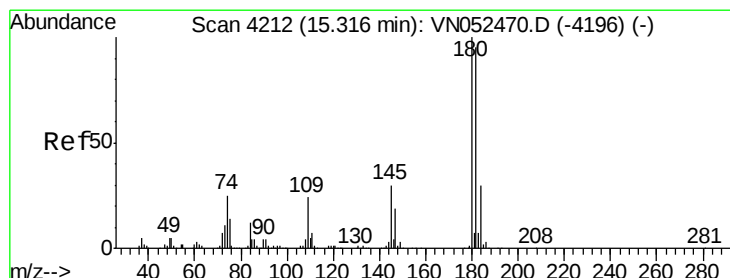
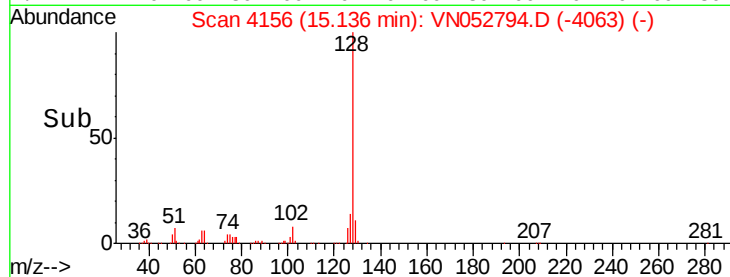
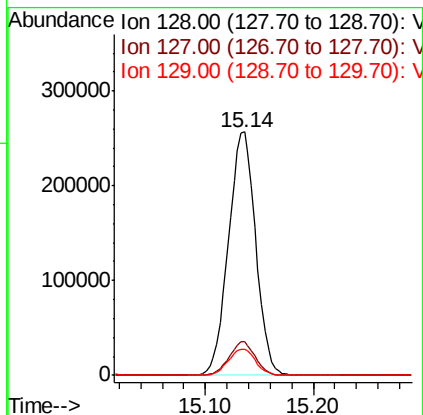
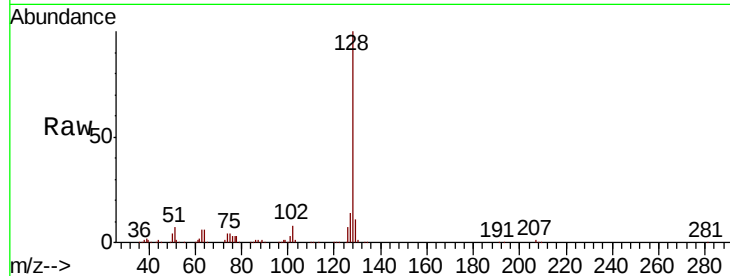




#95
Naphthalene
Concen: 22.231 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Instrument :
MSVOA_N
ClientSampleId :
VN1211WBSD01

Tot Ion:128 Resp: 452489
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 22.143 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN052794.D
Acq: 11 Dec 2018 11:17

Tgt Ion:180 Resp: 199571
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 30.1 15.2 45.5

