

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
 Data File : VN051883.D
 Acq On : 16 Oct 2018 9:57
 Operator : MD\SY
 Sample : VN1016WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

Quant Time: Oct 17 02:22:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	882045	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1301156	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1142194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	496168	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	396743	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	
35) Dibromofluoromethane	7.59	113	395860	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	10.09	98	1432331	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	12.40	95	463571	44.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.08%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.85	85	101909	20.813 ug/l	99
3) Chloromethane	2.06	50	104767	17.665 ug/l	98
4) Vinyl Chloride	2.18	62	153610	17.270 ug/l	100
5) Bromomethane	2.57	94	124283	15.487 ug/l	100
6) Chloroethane	2.70	64	114076	17.467 ug/l	93
7) Trichlorofluoromethane	3.02	101	249168	18.864 ug/l	99
8) Diethyl Ether	3.41	74	70254	19.286 ug/l	80
9) 1,1,2-Trichlorotrifluoroet	3.76	101	145864	20.710 ug/l	99
10) Methyl Iodide	3.95	142	137488	14.814 ug/l	97
11) Tert butyl alcohol	4.79	59	39819	64.222 ug/l #	72
12) 1,1-Dichloroethene	3.74	96	127844	20.194 ug/l	92
13) Acrolein	3.61	56	33988	66.003 ug/l	99
14) Allyl chloride	4.33	41	145329	18.284 ug/l #	77
15) Acrylonitrile	5.00	53	171674	85.061 ug/l	98
16) Acetone	3.82	43	129951	71.473 ug/l	94
17) Carbon Disulfide	4.05	76	306195	17.866 ug/l	99
18) Methyl Acetate	4.33	43	83058	16.684 ug/l #	90
19) Methyl tert-butyl Ether	5.05	73	361145	18.120 ug/l	94
20) Methylene Chloride	4.55	84	143998	19.137 ug/l	88
21) trans-1,2-Dichloroethene	5.05	96	144288	19.410 ug/l	86
22) Diisopropyl ether	5.96	45	332346	18.920 ug/l #	88
23) Vinyl Acetate	5.90	43	1106540	86.108 ug/l #	92
24) 1,1-Dichloroethane	5.85	63	241495	20.012 ug/l	97
25) 2-Butanone	6.84	43	187008	72.785 ug/l	91
26) 2,2-Dichloropropane	6.83	77	225367	18.445 ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	170501	19.897 ug/l	88
28) Bromochloromethane	7.20	49	101761	20.098 ug/l #	64
29) Tetrahydrofuran	7.21	42	115774	75.614 ug/l #	78
30) Chloroform	7.37	83	281650	19.520 ug/l	98
31) Cyclohexane	7.65	56	207229	19.074 ug/l #	78
32) 1,1,1-Trichloroethane	7.57	97	261454	19.301 ug/l	97
36) 1,1-Dichloropropene	7.79	75	197684	18.767 ug/l	96
37) Ethyl Acetate	6.94	43	89291	16.510 ug/l	98
38) Carbon Tetrachloride	7.78	117	231117	18.928 ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
 Data File : VN051883.D
 Acq On : 16 Oct 2018 9:57
 Operator : MD\SY
 Sample : VN1016WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

Quant Time: Oct 17 02:22:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	246627	19.059	ug/l	89
40) Benzene	8.04	78	597532	19.664	ug/l	99
41) Methacrylonitrile	7.17	41	41869	16.058	ug/l #	82
42) 1,2-Dichloroethane	8.13	62	190247	19.098	ug/l	100
43) Isopropyl Acetate	8.17	43	171286	15.480	ug/l #	95
44) Trichloroethene	8.84	130	186208	20.128	ug/l	95
45) 1,2-Dichloropropane	9.12	63	137596	19.258	ug/l	98
46) Dibromomethane	9.21	93	102536	18.701	ug/l	99
47) Bromodichloromethane	9.40	83	207716	18.961	ug/l	99
48) Methyl methacrylate	9.20	41	79465	16.494	ug/l #	78
49) 1,4-Dioxane	9.20	88	25850	308.772	ug/l	91
51) 4-Methyl-2-Pentanone	9.99	43	442246	78.774	ug/l	97
52) Toluene	10.16	92	392634	19.243	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	184964	16.852	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	219172	18.189	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	141039	18.375	ug/l	97
56) Ethyl methacrylate	10.43	69	151744	16.787	ug/l #	89
57) 1,3-Dichloropropane	10.71	76	218838	18.352	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	320641	81.463	ug/l #	88
59) 2-Hexanone	10.75	43	278454	70.618	ug/l	96
60) Dibromochloromethane	10.90	129	159072	17.457	ug/l	100
61) 1,2-Dibromoethane	11.01	107	144536	18.283	ug/l	99
64) Tetrachloroethene	10.63	164	184108	21.016	ug/l	95
65) Chlorobenzene	11.43	112	447135	19.357	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	170558	19.372	ug/l	98
67) Ethyl Benzene	11.51	91	751663	19.656	ug/l	97
68) m/p-Xylenes	11.62	106	598959	38.776	ug/l	95
69) o-Xylene	11.95	106	292424	19.493	ug/l	97
70) Styrene	11.96	104	442474	19.119	ug/l	100
71) Bromoform	12.13	173	95438	16.358	ug/l #	99
73) Isopropylbenzene	12.25	105	776921	20.321	ug/l	97
74) N-amyl acetate	12.07	43	126624	16.700	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	155469	18.513	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	179242	29.094	ug/l #	100
77) Bromobenzene	12.53	156	191162	20.053	ug/l	87
78) n-propylbenzene	12.59	91	826258	20.637	ug/l	96
79) 2-Chlorotoluene	12.67	91	491406	20.375	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	634619	20.370	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	31442	14.593	ug/l	89
82) 4-Chlorotoluene	12.77	91	477461	20.602	ug/l	97
83) tert-Butylbenzene	12.99	119	588940	20.383	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	639581	20.619	ug/l	99
85) sec-Butylbenzene	13.17	105	766633	20.481	ug/l	98
86) p-Isopropyltoluene	13.29	119	668325	20.302	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	327199	20.069	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	304093	19.243	ug/l	99
89) n-Butylbenzene	13.61	91	484713	19.806	ug/l	98
90) Hexachloroethane	13.88	117	106642	17.849	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	319539	20.283	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	20159	16.306	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
Data File : VN051883.D
Acq On : 16 Oct 2018 9:57
Operator : MD\SY
Sample : VN1016WBS01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

Quant Time: Oct 17 02:22:08 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:51:20 2018
Response via : Initial Calibration

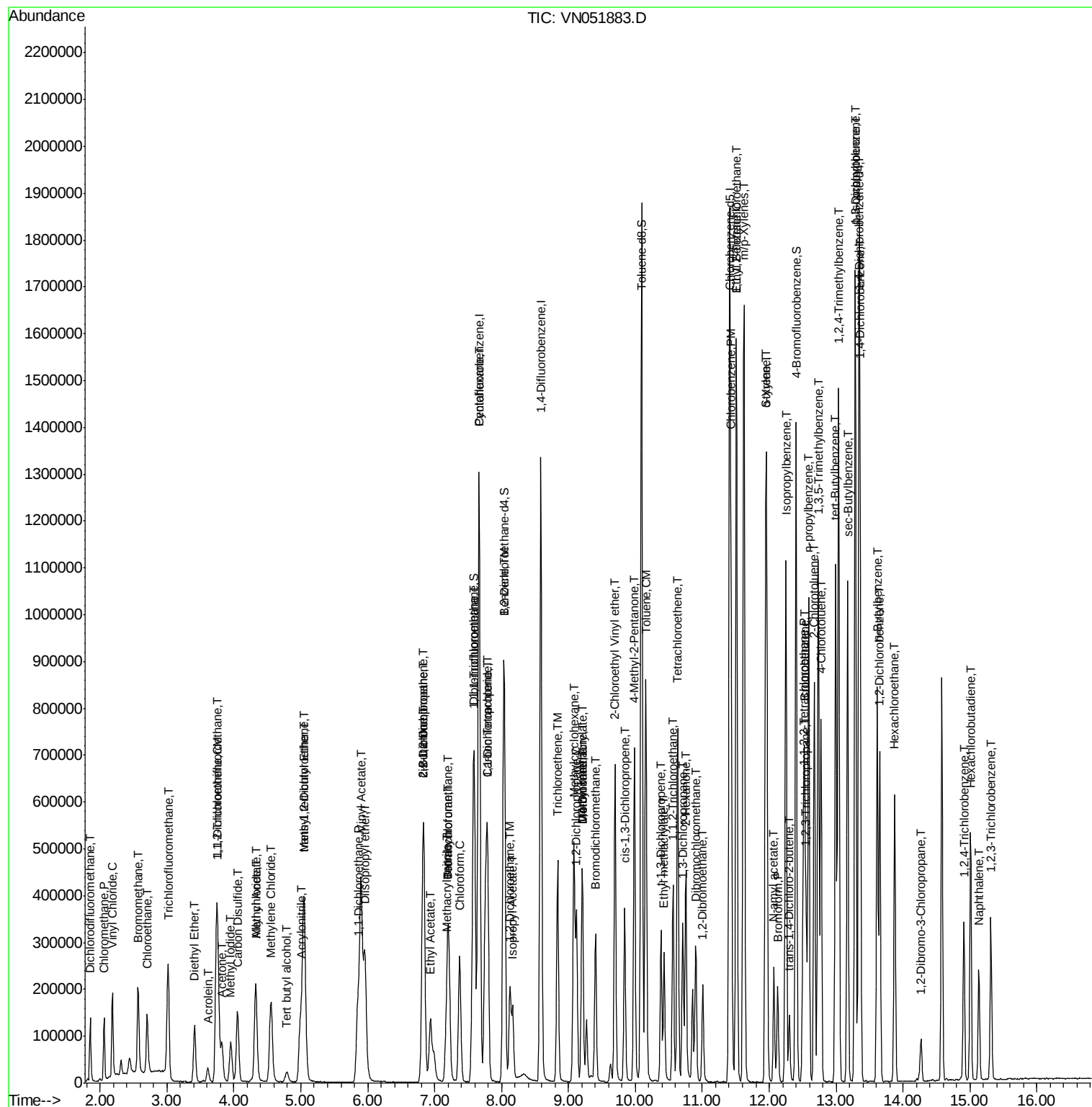
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	113236	16.266	ug/l	99
94) Hexachlorobutadiene	15.01	225	104950	20.608	ug/l	97
95) Naphthalene	15.13	128	210045	14.877	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	121120	16.995	ug/l	99

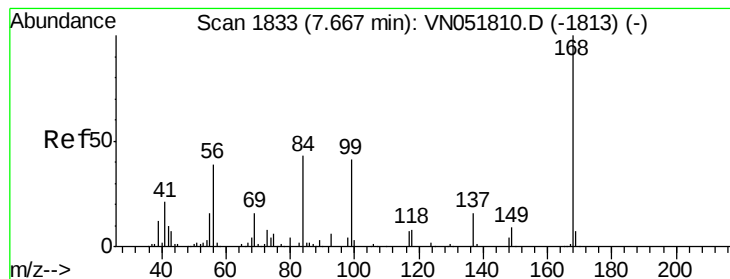
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101618\
 Data File : VN051883.D
 Acq On : 16 Oct 2018 9:57
 Operator : MD\SY
 Sample : VN1016WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 Client Sample Id :
 VN1016WBS01

Quant Time: Oct 17 02:22:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampled :

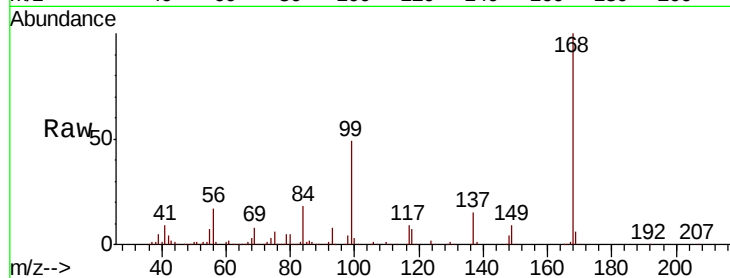
VN1016WBS01

Tgt Ion:168 Resp: 882045

Ion Ratio Lower Upper

168 100

99 48.3 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

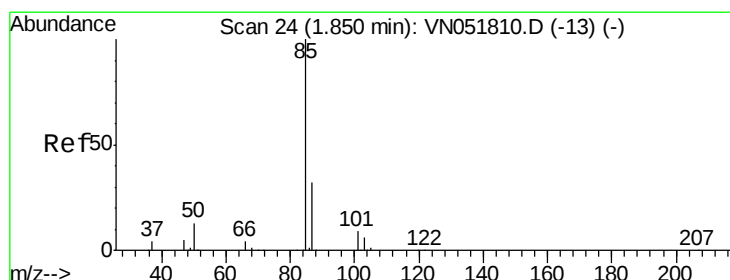
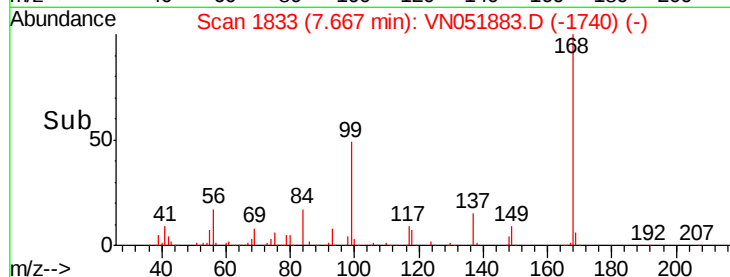
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.813 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051883.D

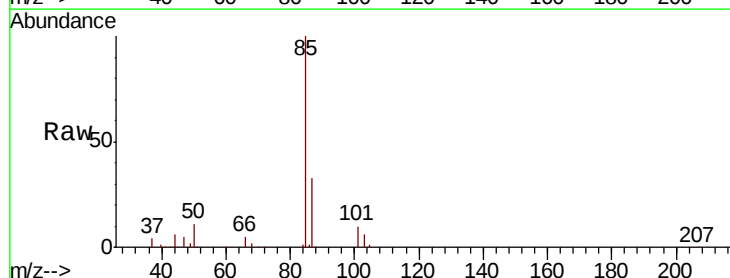
Acq: 16 Oct 2018 9:57

Tgt Ion: 85 Resp: 101909

Ion Ratio Lower Upper

85 100

87 33.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

80000

60000

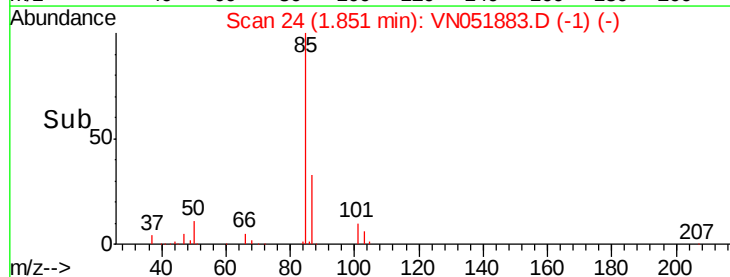
40000

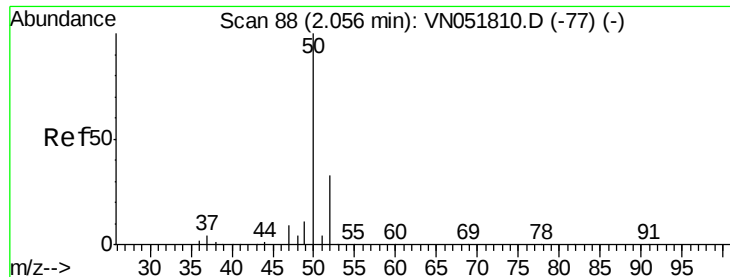
20000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.665 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

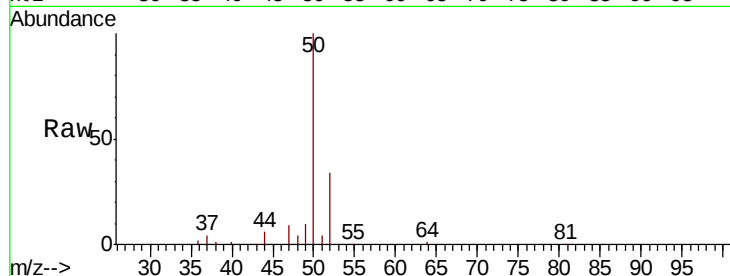
VN1016WBS01

Tgt Ion: 50 Resp: 104767

Ion Ratio Lower Upper

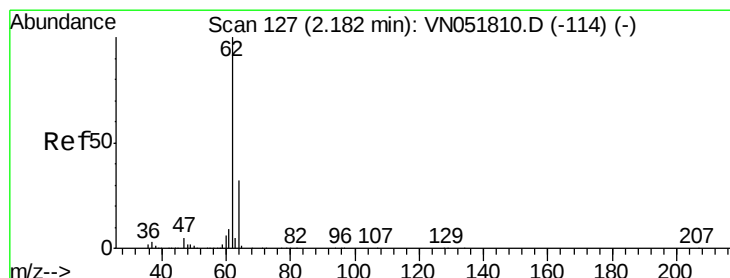
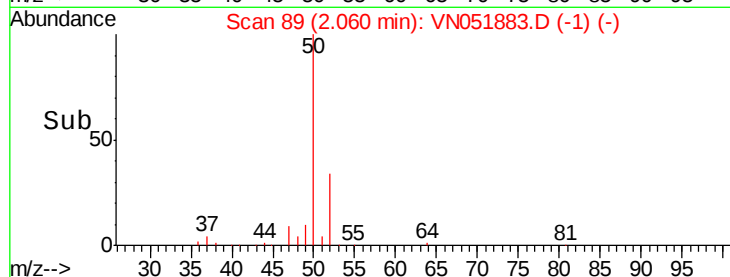
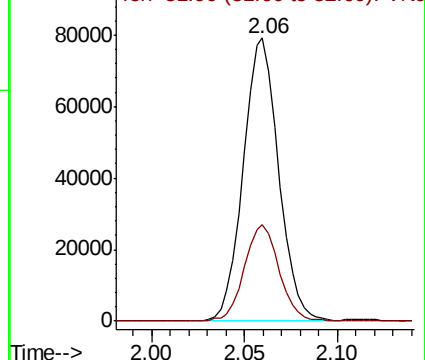
50 100

52 34.0 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VN051810.D (-77) (-)

Ion 51.90 (51.60 to 52.60): VN051883.D (-34) (-)



#4

Vinyl Chloride

Concen: 17.270 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN051883.D

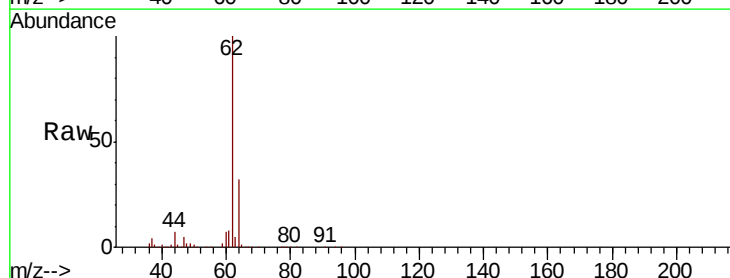
Acq: 16 Oct 2018 9:57

Tgt Ion: 62 Resp: 153610

Ion Ratio Lower Upper

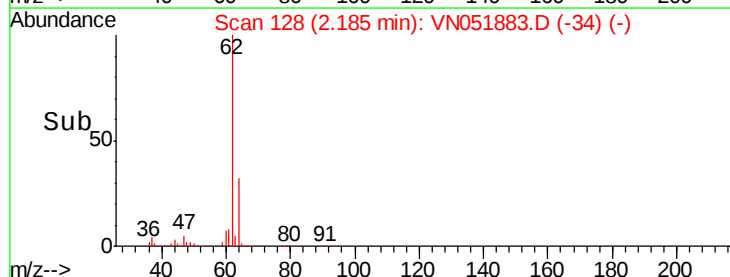
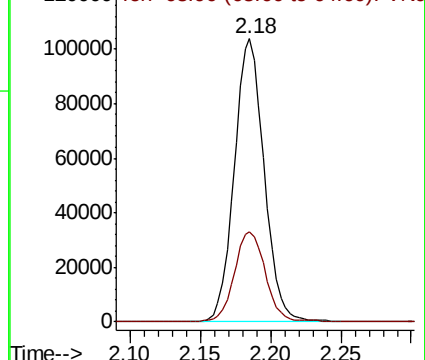
62 100

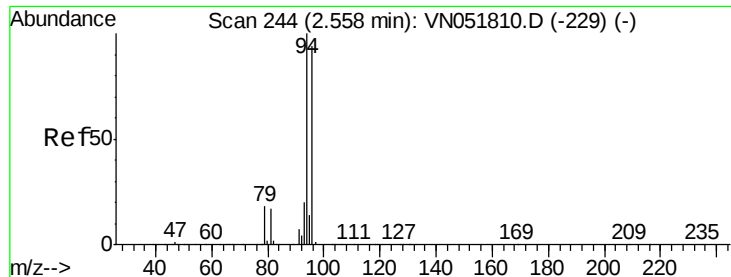
64 31.7 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VN051810.D (-114) (-)

Ion 63.90 (63.60 to 64.60): VN051883.D (-34) (-)





#5

Bromomethane

Concen: 15.487 ug/l

RT: 2.57 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

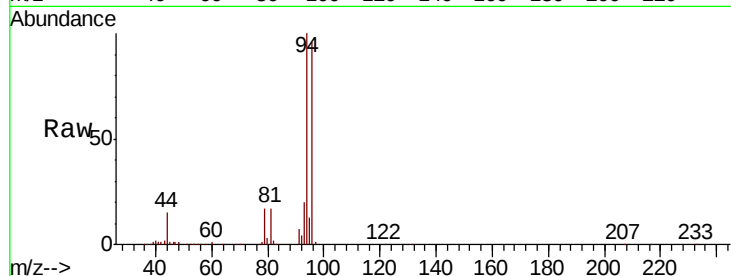
VN1016WBS01

Tgt Ion: 94 Resp: 124283

Ion Ratio Lower Upper

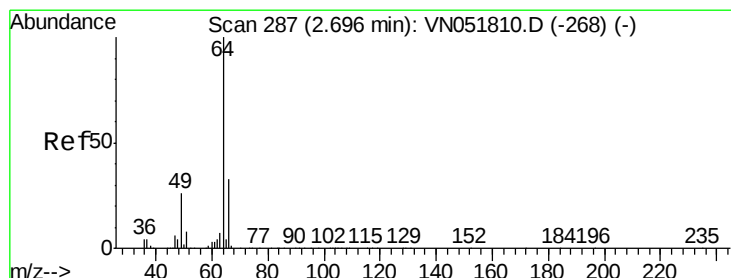
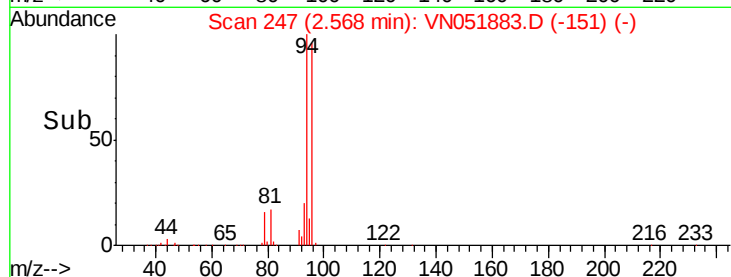
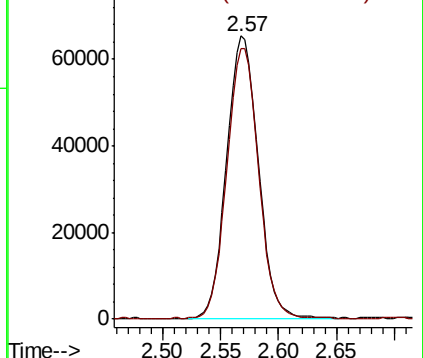
94 100

96 95.2 76.2 114.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.467 ug/l

RT: 2.70 min Scan# 289

Delta R.T. 0.01 min

Lab File: VN051883.D

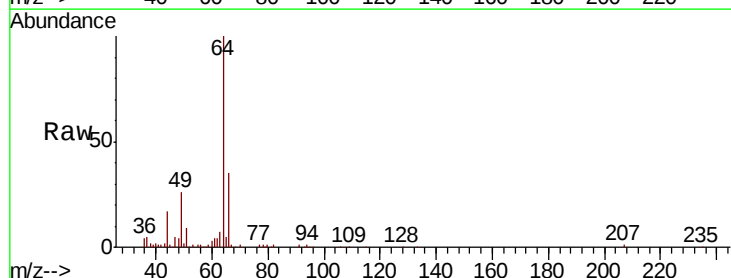
Acq: 16 Oct 2018 9:57

Tgt Ion: 64 Resp: 114076

Ion Ratio Lower Upper

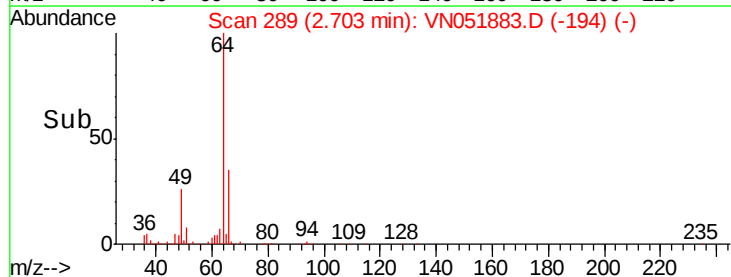
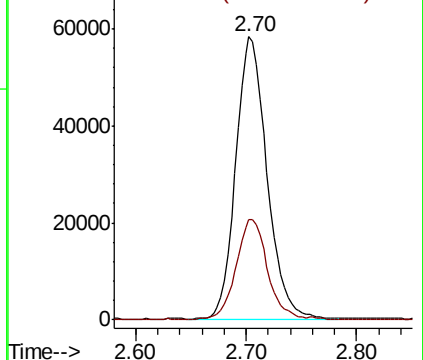
64 100

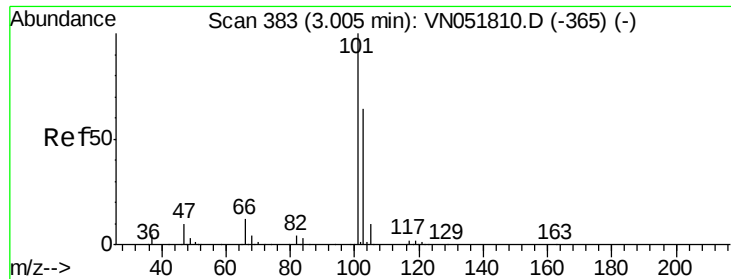
66 35.5 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



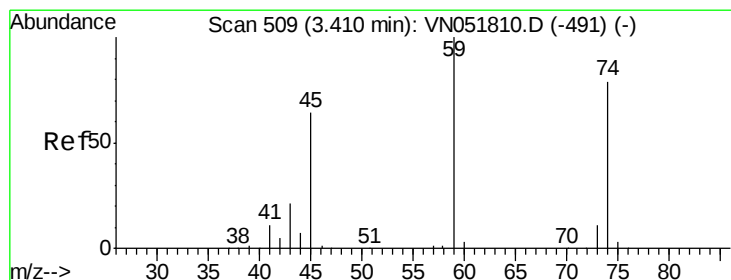
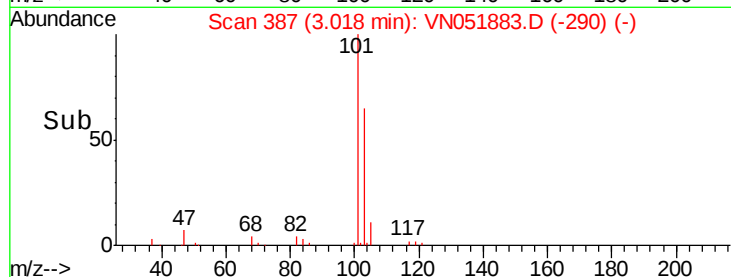
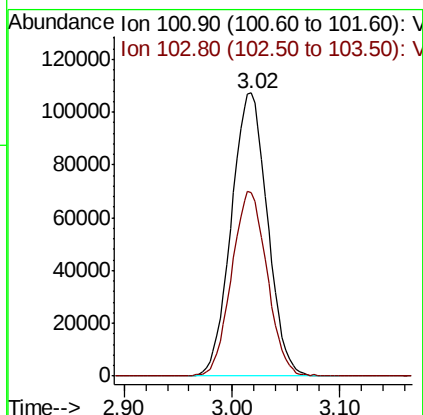
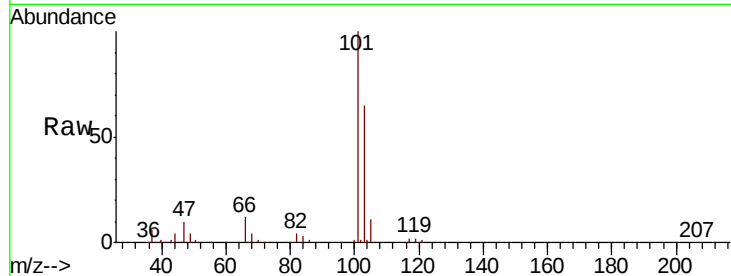


#7

Trichlorofluoromethane
 Concen: 18.864 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.01 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

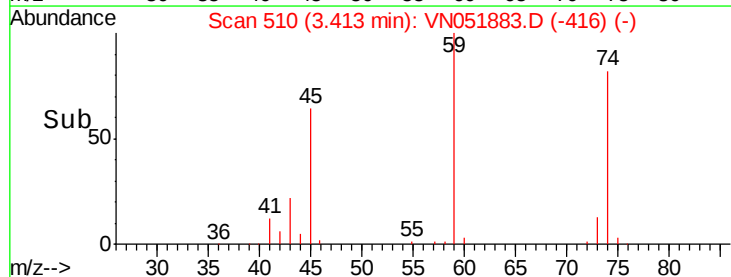
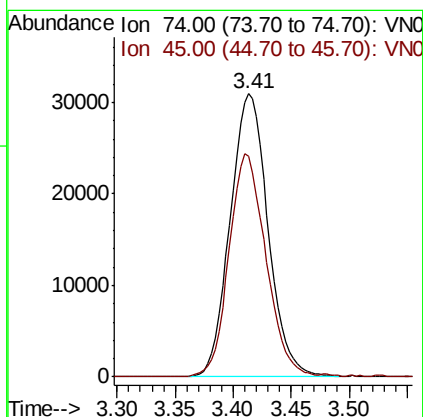
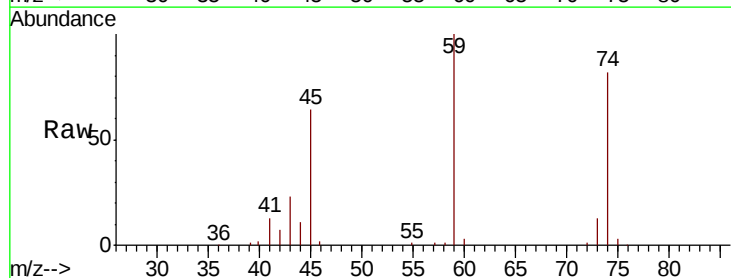
Tgt Ion: 101 Resp: 249168
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.6 77.4

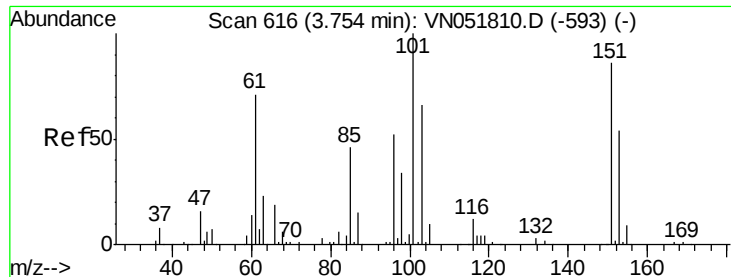


#8

Diethyl Ether
 Concen: 19.286 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

Tgt Ion: 74 Resp: 70254
 Ion Ratio Lower Upper
 74 100
 45 76.7 48.2 144.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.710 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

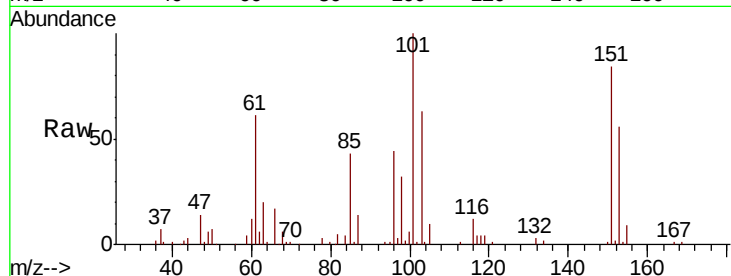
Tgt Ion:101 Resp: 145864

Ion Ratio Lower Upper

101 100

85 44.3 33.7 50.5

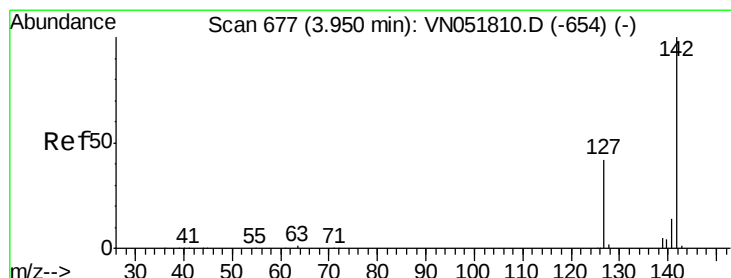
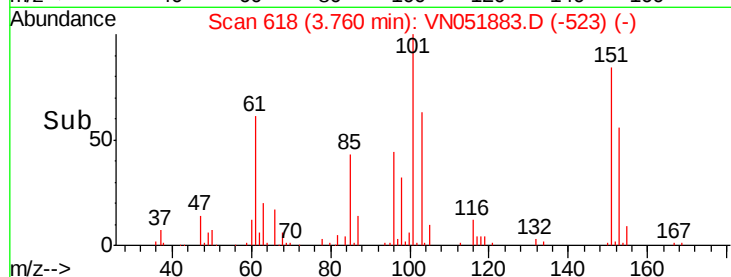
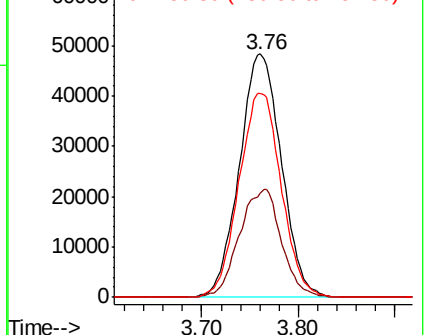
151 84.4 67.4 101.2



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: 14.814 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

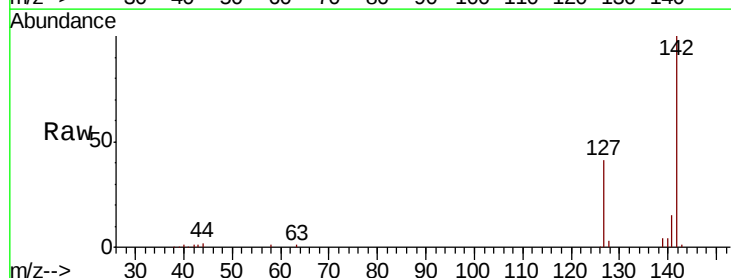
Tgt Ion:142 Resp: 137488

Ion Ratio Lower Upper

142 100

127 41.7 31.7 47.5

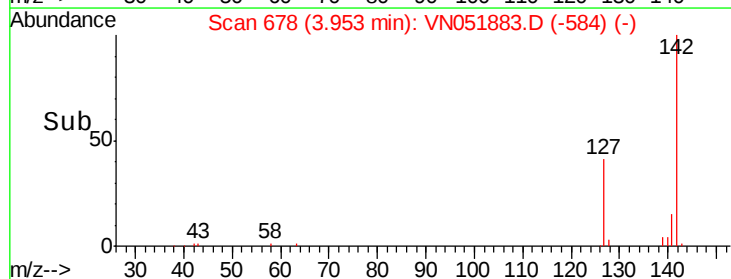
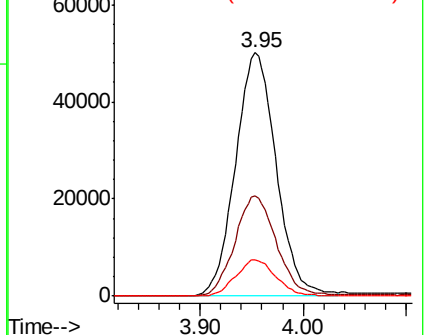
141 14.6 11.4 17.0

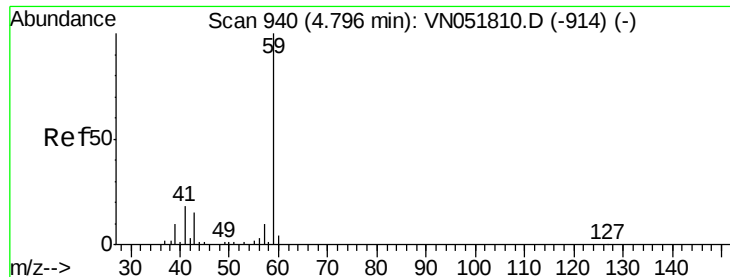


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

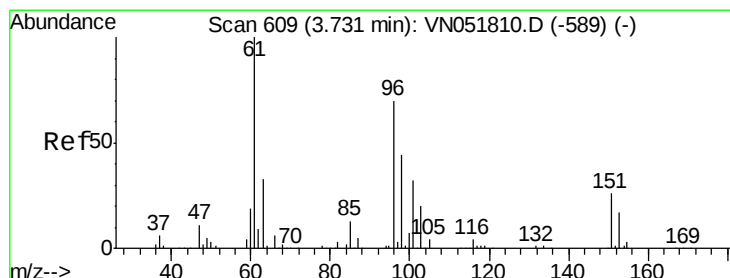
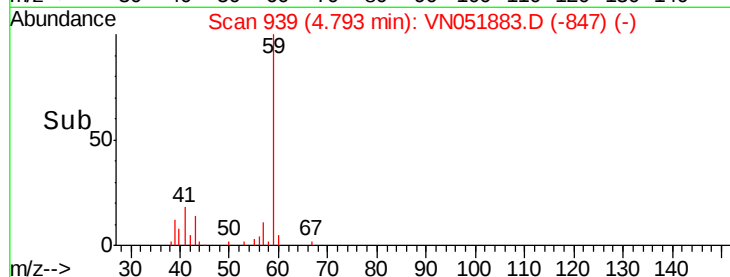
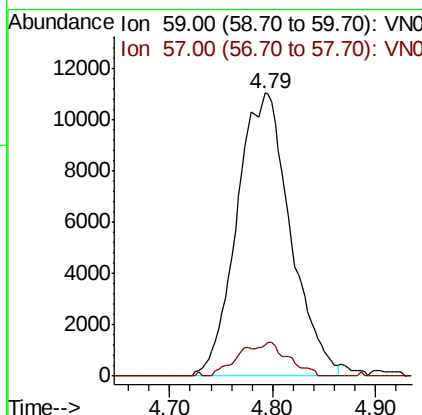
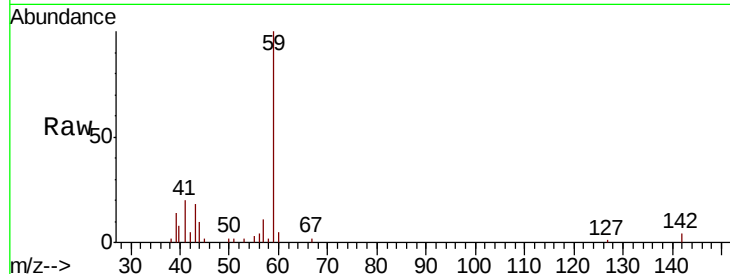




#11
Tert butyl alcohol
Concen: 64.222 ug/l
RT: 4.79 min Scan# 939
Delta R.T. -0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

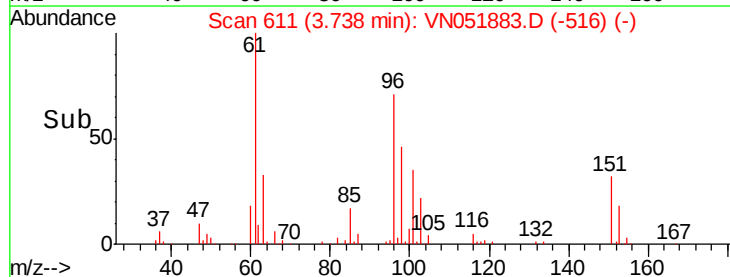
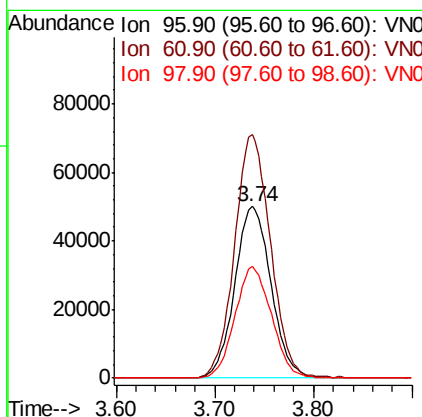
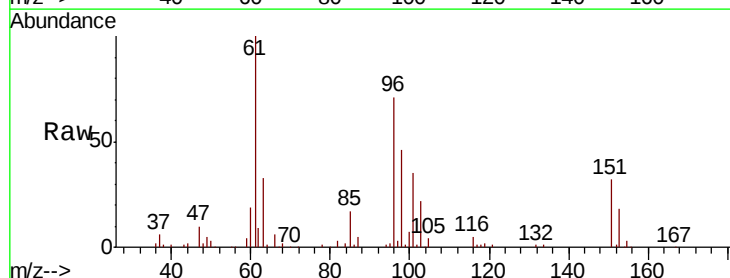
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

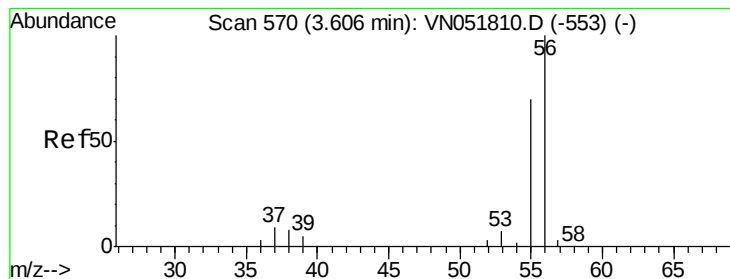
Tgt Ion: 59 Resp: 39819
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 20.194 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.01 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion: 96 Resp: 127844
Ion Ratio Lower Upper
96 100
61 141.8 124.9 187.3
98 64.8 51.1 76.7





#13

Acrolein

Concen: 66.003 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

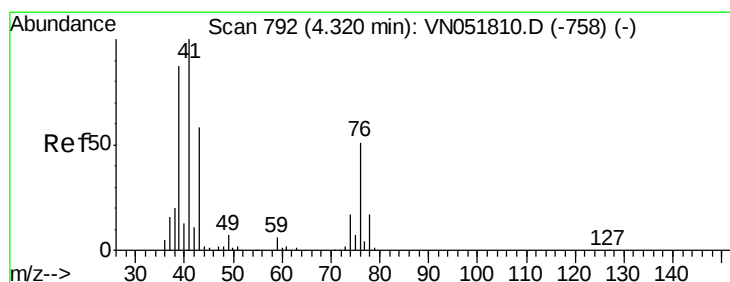
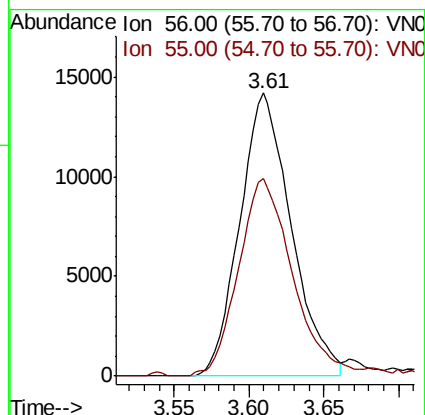
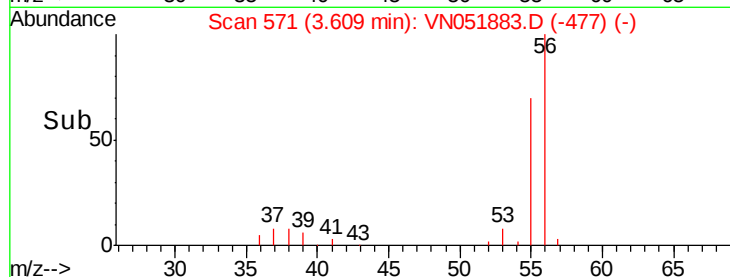
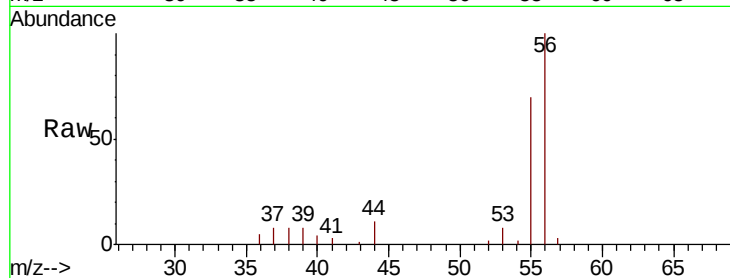
VN1016WBS01

Tgt Ion: 56 Resp: 33988

Ion Ratio Lower Upper

56 100

55 73.1 57.7 86.5



#14

Allyl chloride

Concen: 18.284 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.01 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

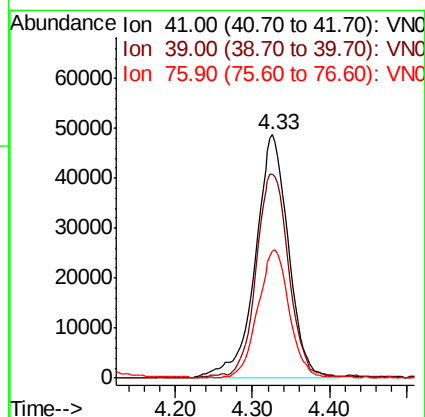
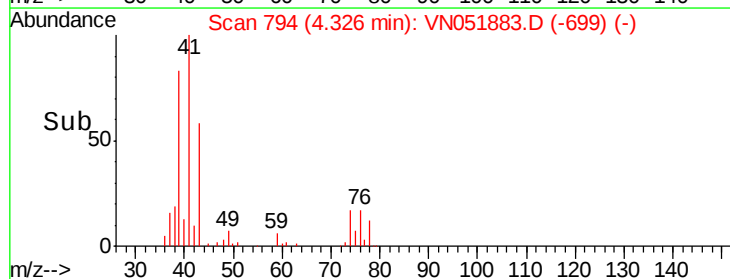
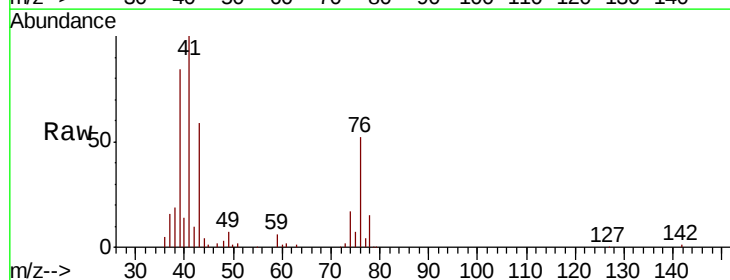
Tgt Ion: 41 Resp: 145329

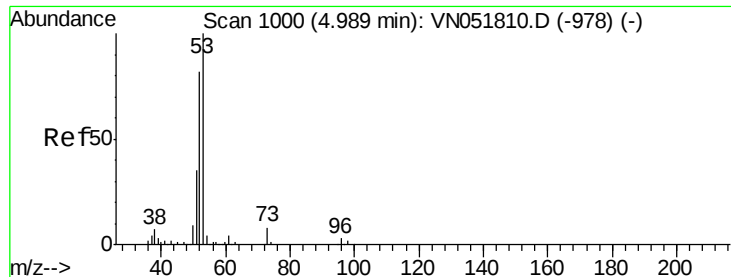
Ion Ratio Lower Upper

41 100

39 81.4 50.2 75.2#

76 50.0 29.8 44.8#





#15

Acrylonitrile

Concen: 85.061 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

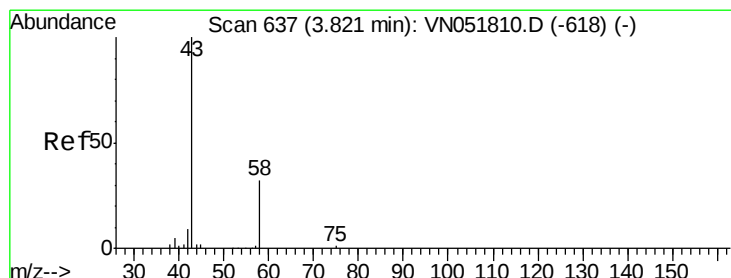
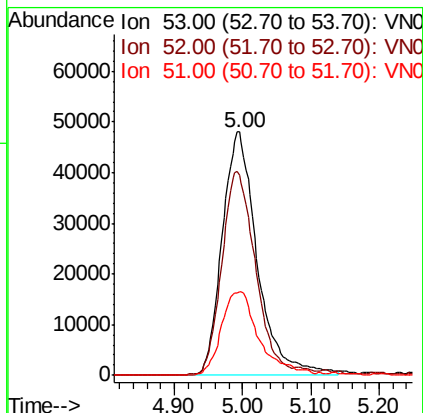
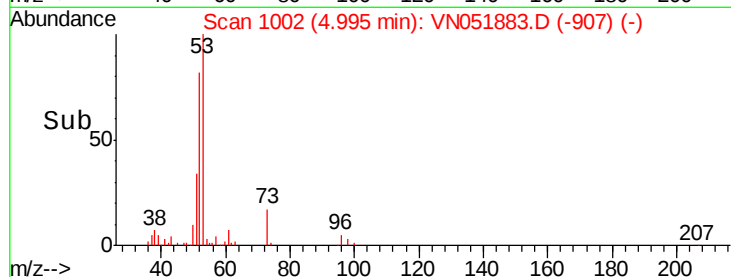
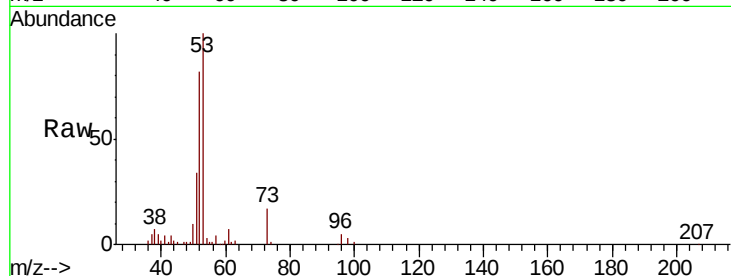
Tgt Ion: 53 Resp: 171674

Ion Ratio Lower Upper

53 100

52 80.2 65.9 98.9

51 36.2 28.6 43.0



#16

Acetone

Concen: 71.473 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051883.D

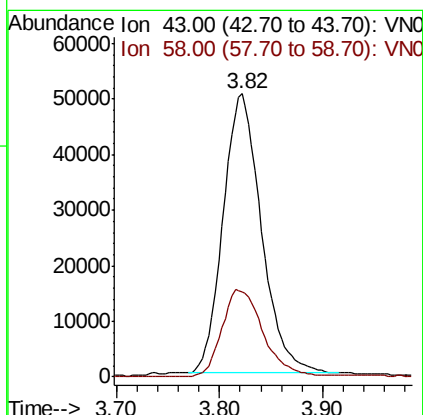
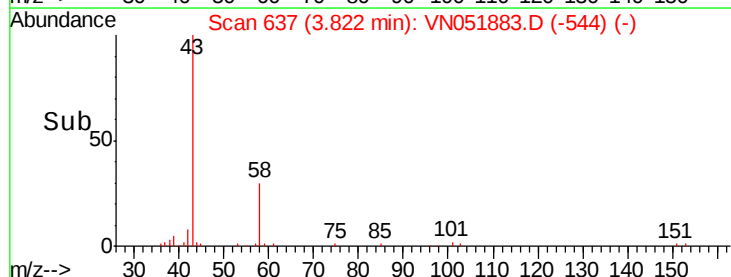
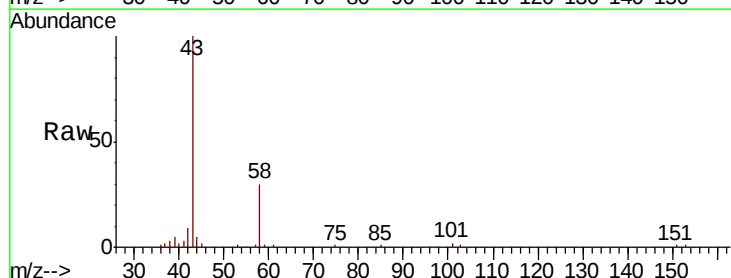
Acq: 16 Oct 2018 9:57

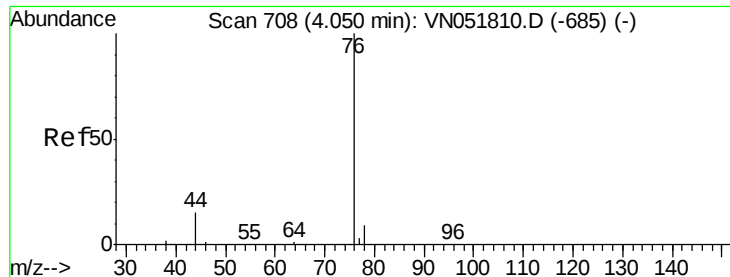
Tgt Ion: 43 Resp: 129951

Ion Ratio Lower Upper

43 100

58 30.3 27.2 40.8

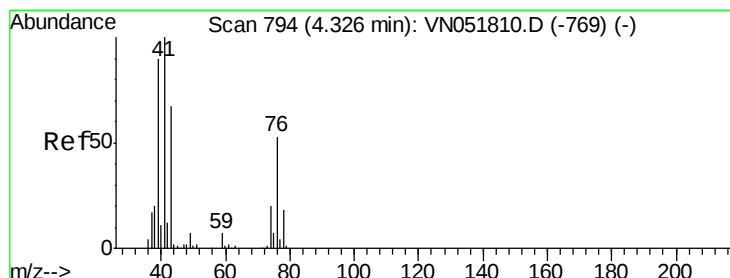
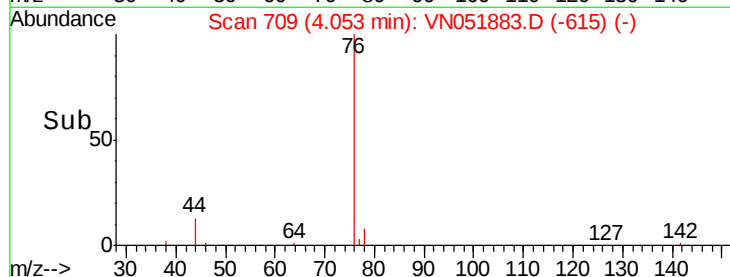
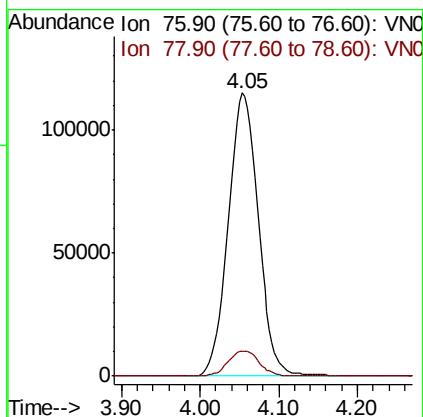
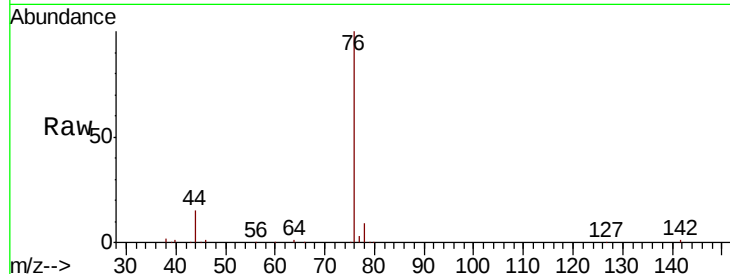




#17
Carbon Disulfide
Concen: 17.866 ug/l
RT: 4.05 min Scan# 709
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

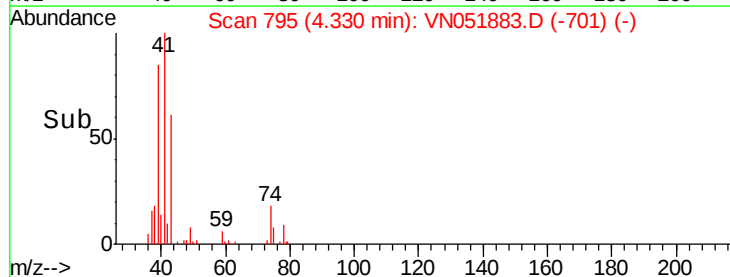
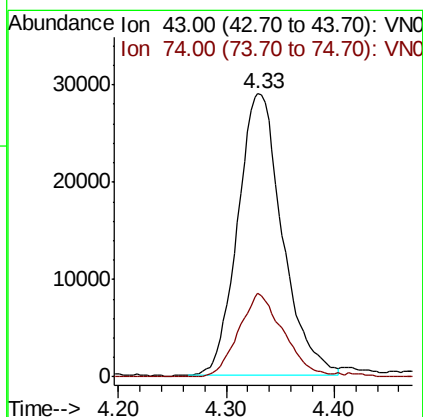
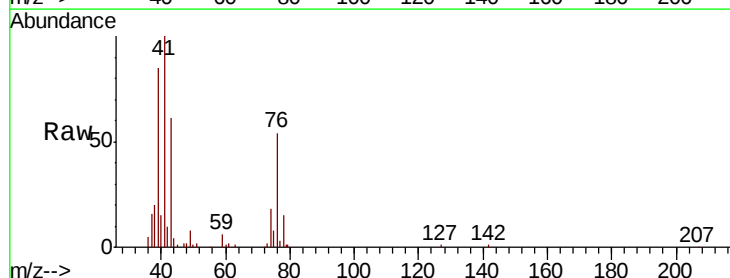
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

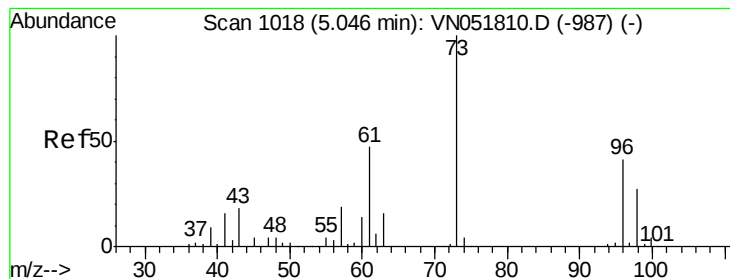
Tgt Ion: 76 Resp: 306195
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 16.684 ug/l
RT: 4.33 min Scan# 795
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion: 43 Resp: 83058
Ion Ratio Lower Upper
43 100
74 29.9 19.8 29.8#





#19

Methyl tert-butyl Ether

Concen: 18.120 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

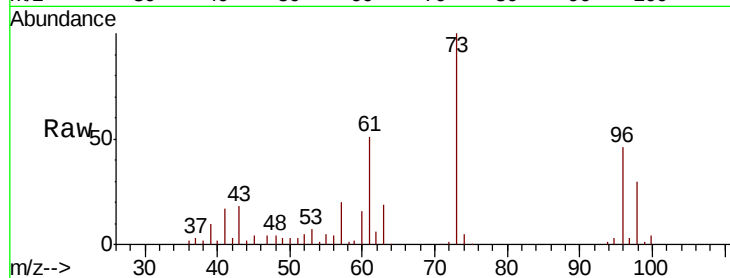
VN1016WBS01

Tgt Ion: 73 Resp: 361145

Ion Ratio Lower Upper

73 100

57 19.6 17.8 26.8



Abundance Ion 73.00 (72.70 to 73.70): VN051810.D (-987) (-)

Ion 57.00 (56.70 to 57.70): VN051810.D (-987) (-)

5.05

100000

80000

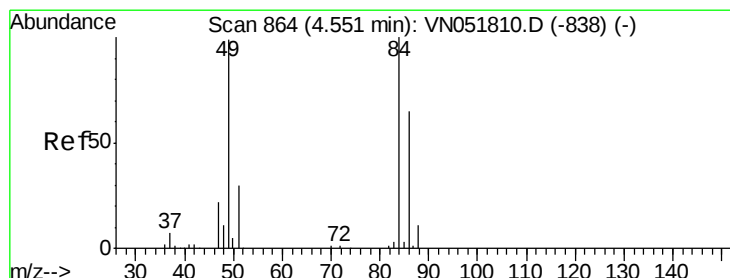
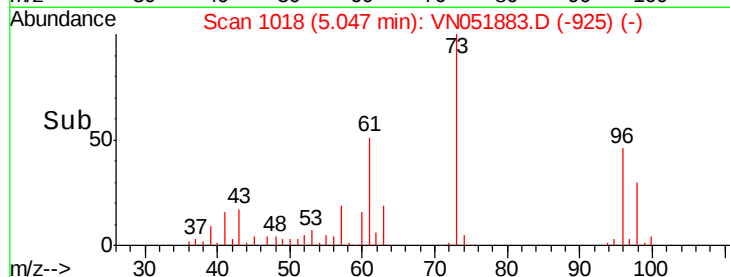
60000

40000

20000

0

Time-->



#20

Methylene Chloride

Concen: 19.137 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Tgt Ion: 84 Resp: 143998

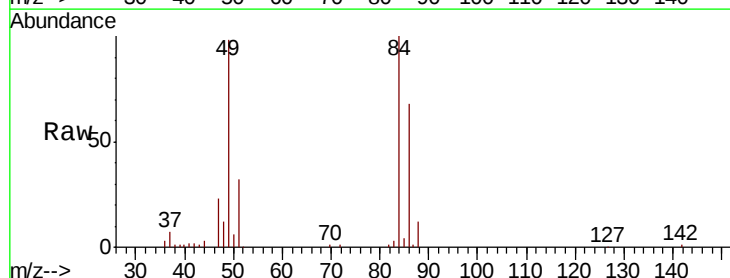
Ion Ratio Lower Upper

84 100

49 98.2 93.2 139.8

51 32.0 29.0 43.6

86 68.0 49.8 74.8



Abundance Ion 83.90 (83.60 to 84.60): VN051810.D (-838) (-)

Ion 48.90 (48.60 to 49.60): VN051810.D (-838) (-)

Ion 50.90 (50.60 to 51.60): VN051810.D (-838) (-)

Ion 85.90 (85.60 to 86.60): VN051810.D (-838) (-)

4.55

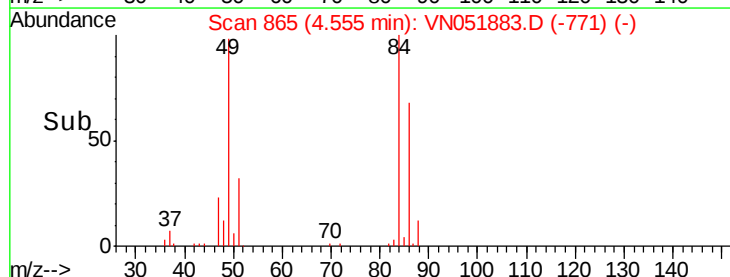
60000

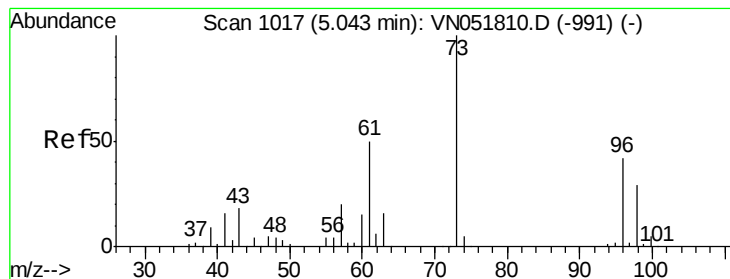
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 19.410 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

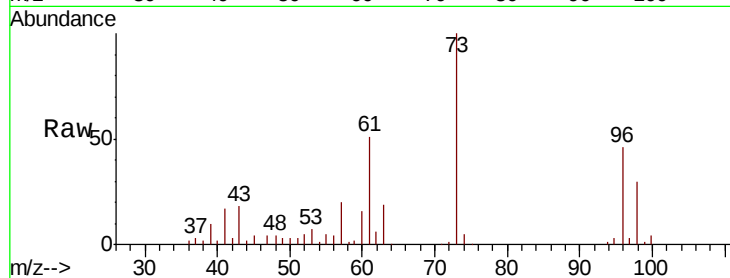
Tgt Ion: 96 Resp: 144288

Ion Ratio Lower Upper

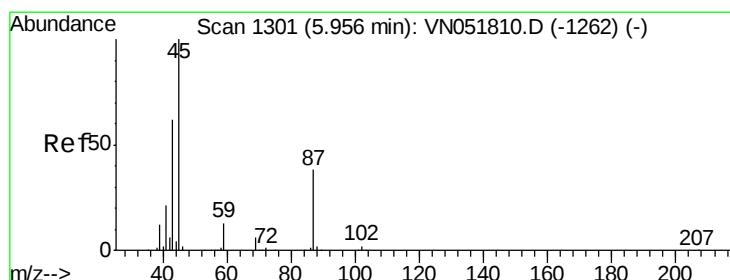
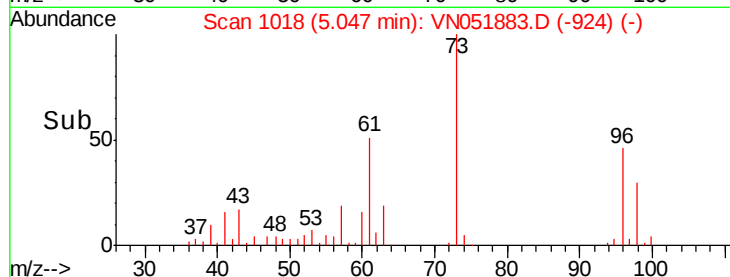
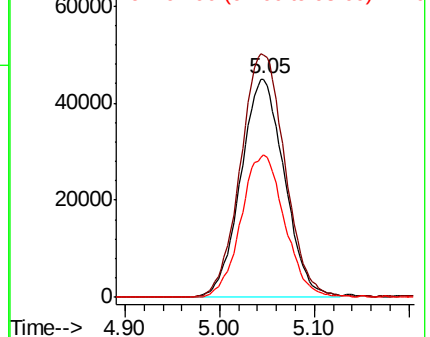
96 100

61 110.8 107.4 161.0

98 65.0 50.7 76.1



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



#22

Diisopropyl ether

Concen: 18.920 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Tgt Ion: 45 Resp: 332346

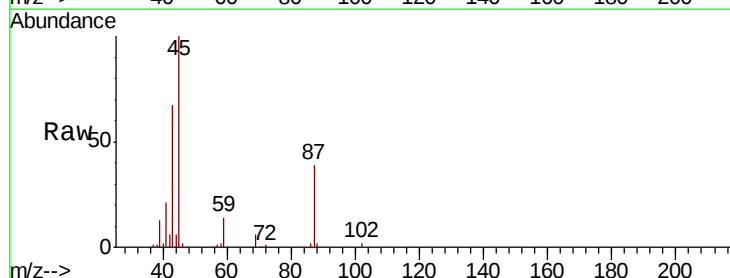
Ion Ratio Lower Upper

45 100

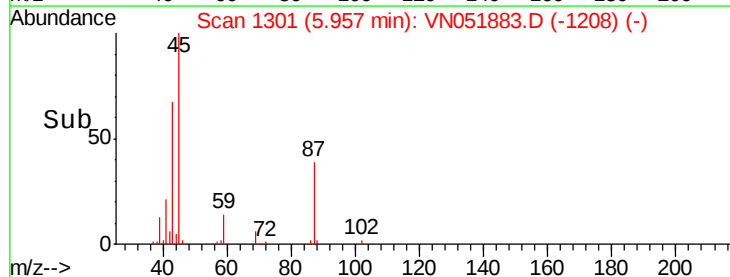
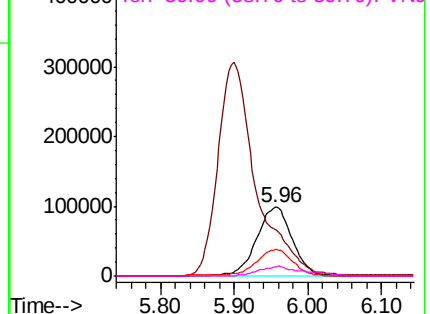
43 64.6 45.9 68.9

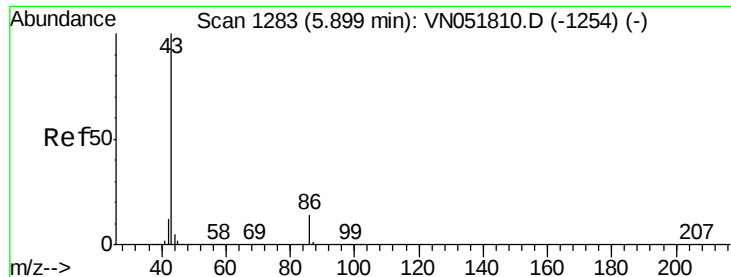
87 38.6 22.7 34.1#

59 13.5 9.3 13.9



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





#23

Vinyl Acetate

Concen: 86.108 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

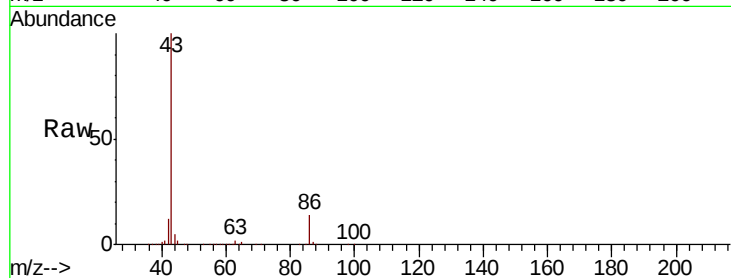
VN1016WBS01

Tgt Ion: 43 Resp: 1106540

Ion Ratio Lower Upper

43 100

86 14.1 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VN051810.D (-1254) (-)

Ion 86.00 (85.70 to 86.70): VN051810.D (-1254) (-)

5.90

300000

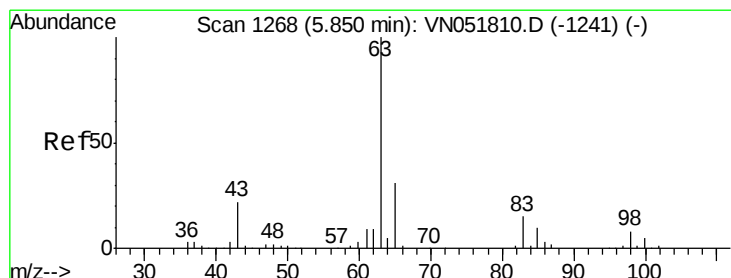
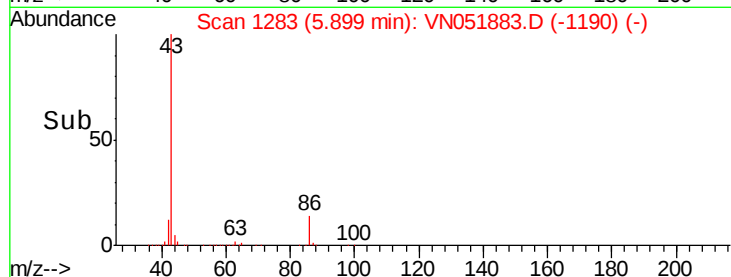
200000

100000

0

Time-->

5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.012 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

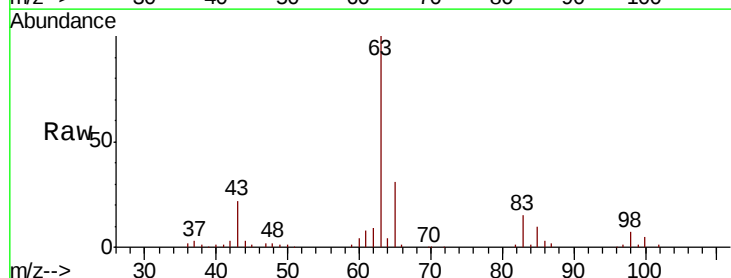
Tgt Ion: 63 Resp: 241495

Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.8

100 5.1 2.1 6.5



Abundance Ion 62.90 (62.60 to 63.60): VN051810.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN051810.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN051810.D (-1241) (-)

5.85

100000

80000

60000

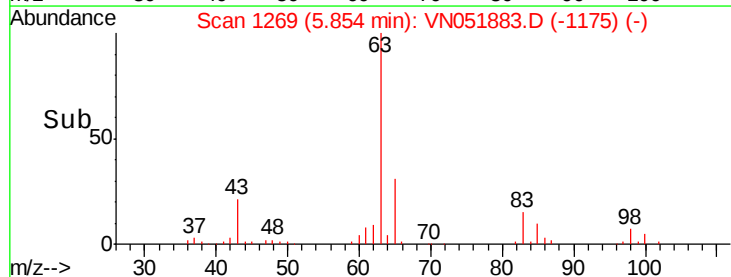
40000

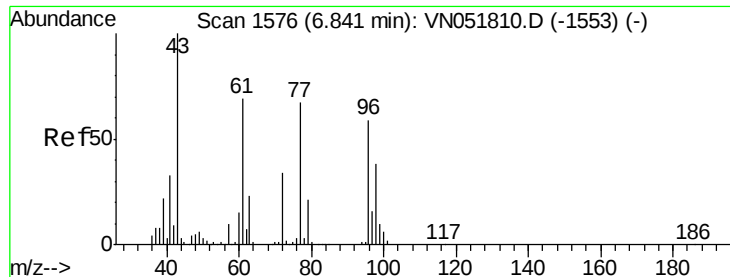
20000

0

Time-->

5.70 5.80 5.90 6.00

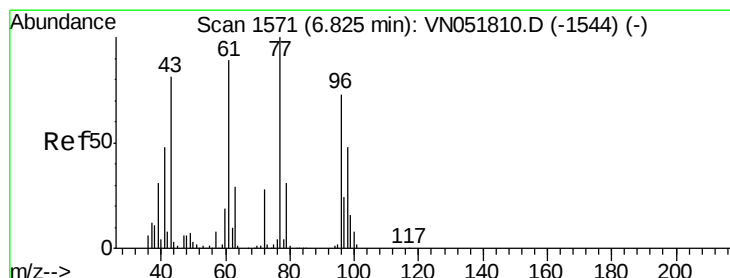
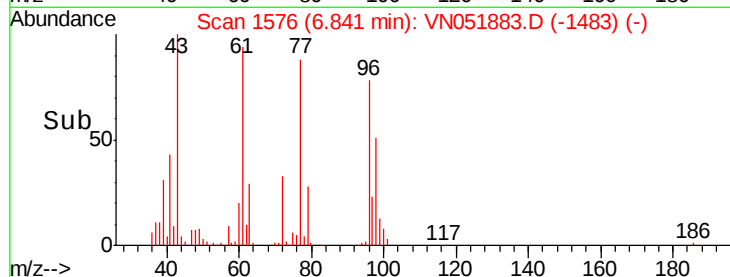
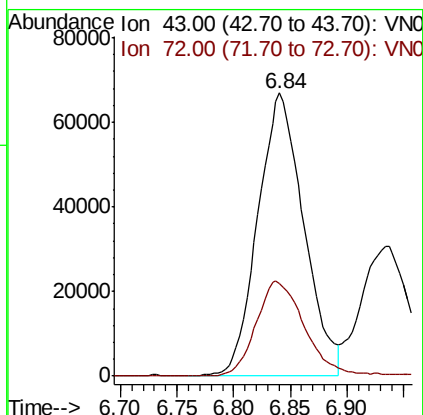
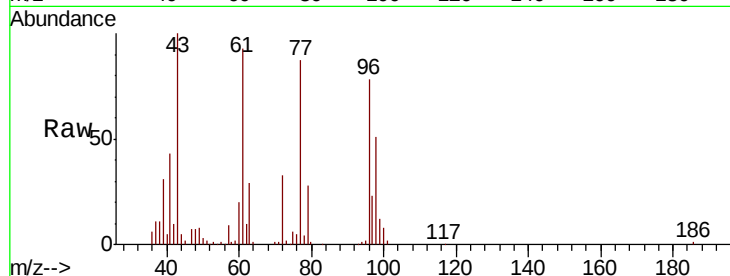




#25
2-Butanone
Concen: 72.785 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

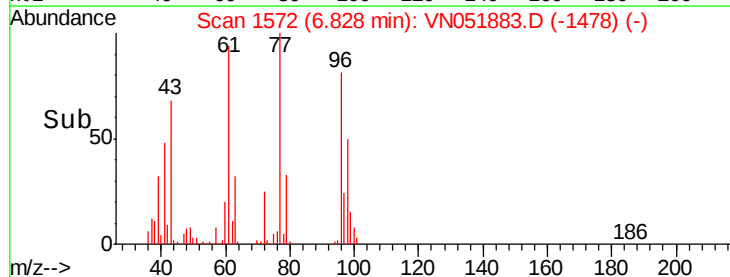
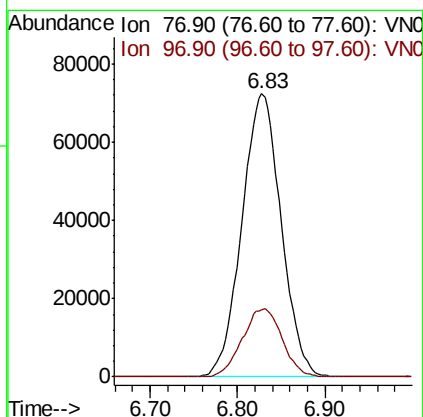
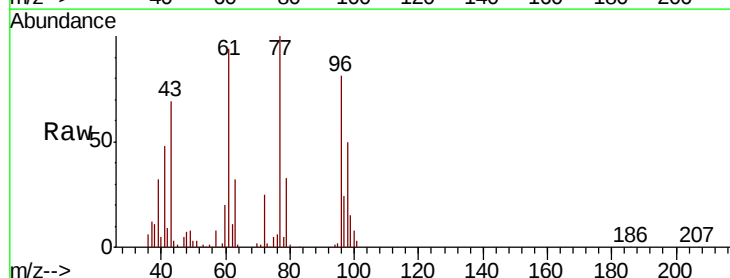
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

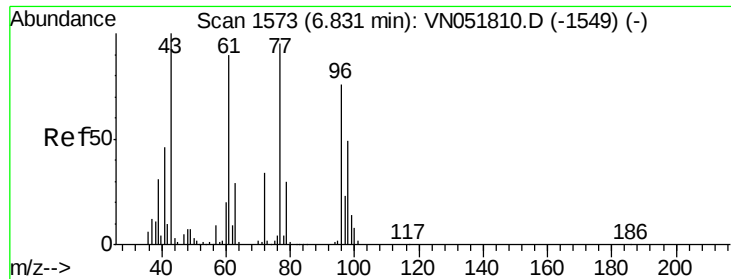
Tgt Ion: 43 Resp: 187008
Ion Ratio Lower Upper
43 100
72 32.7 22.3 33.5



#26
2,2-Dichloropropane
Concen: 18.445 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion: 77 Resp: 225367
Ion Ratio Lower Upper
77 100
97 24.5 12.0 36.0

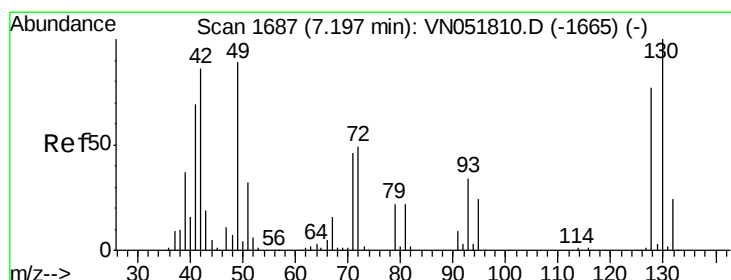
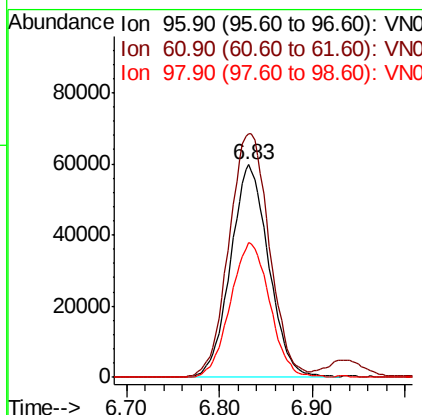
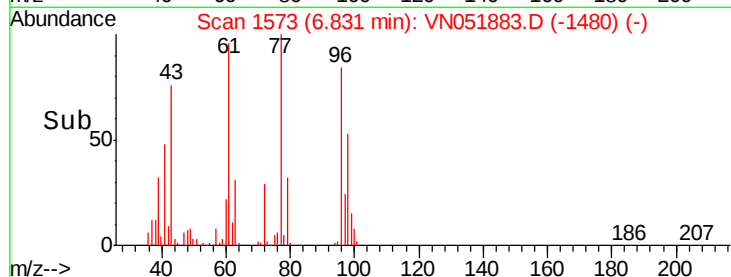
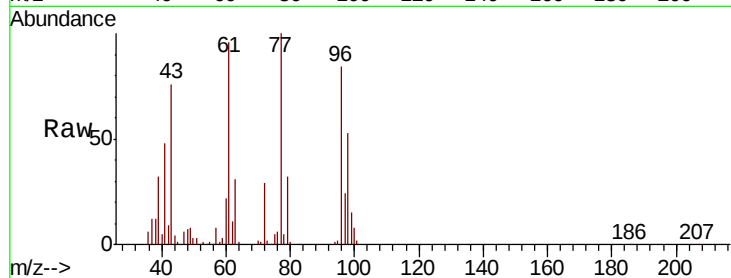




#27
 cis-1,2-Dichloroethene
 Concen: 19.897 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

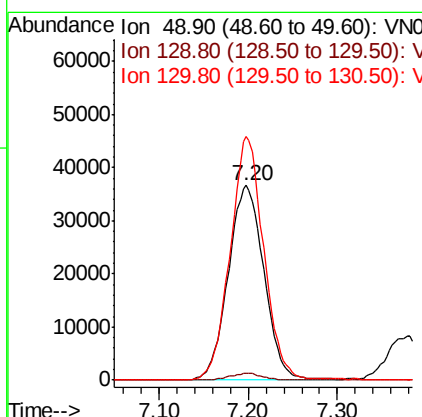
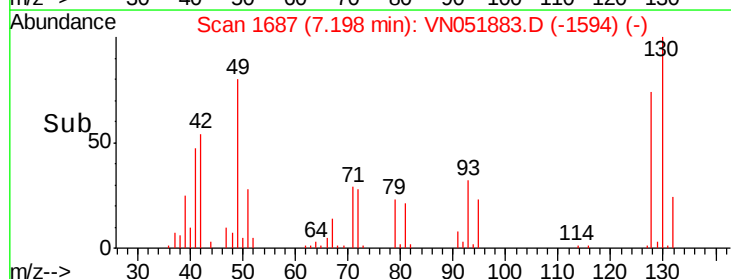
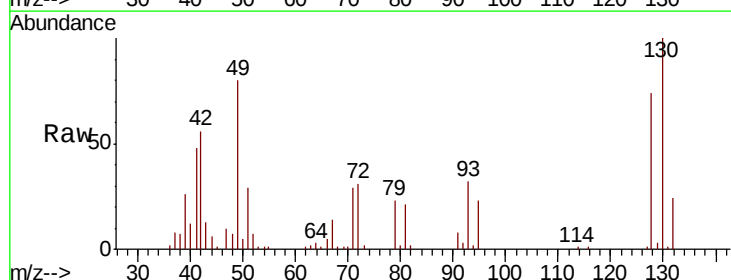
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

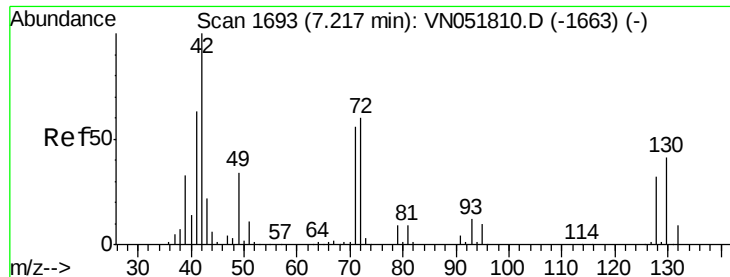
Tgt Ion: 96 Resp: 170501
 Ion Ratio Lower Upper
 96 100
 61 121.4 0.0 283.4
 98 65.4 0.0 129.8



#28
 Bromochloromethane
 Concen: 20.098 ug/l
 RT: 7.20 min Scan# 1687
 Delta R.T. 0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

Tgt Ion: 49 Resp: 101761
 Ion Ratio Lower Upper
 49 100
 129 3.1 0.0 4.2
 130 117.3 67.1 100.7#





#29

Tetrahydrofuran

Concen: 75.614 ug/l

RT: 7.21 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

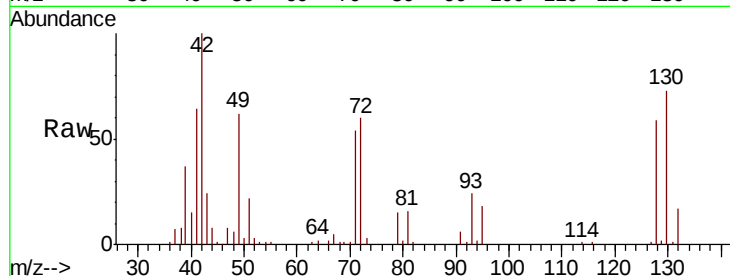
Tgt Ion: 42 Resp: 115774

Ion Ratio Lower Upper

42 100

72 59.1 35.5 53.3#

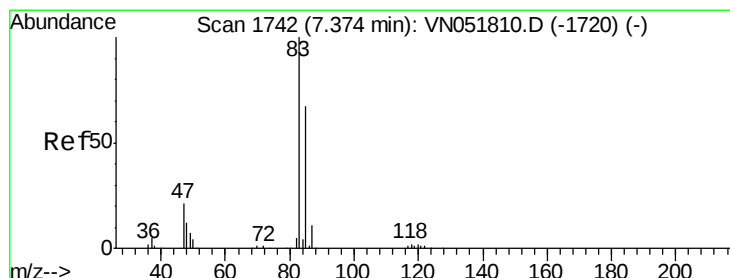
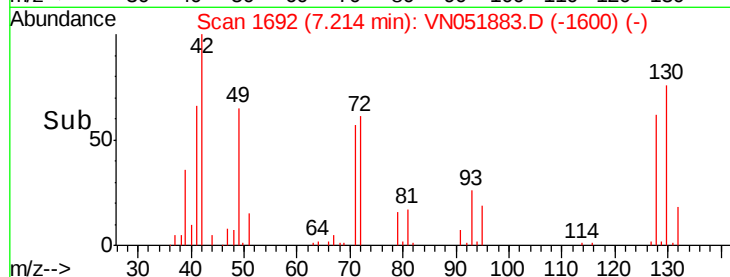
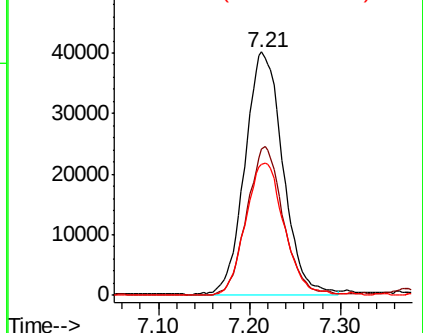
71 55.5 33.7 50.5#



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: 19.520 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN051883.D

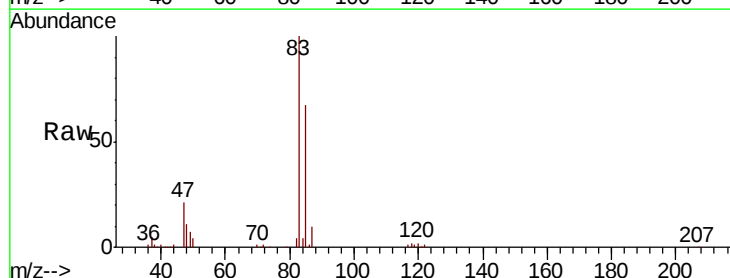
Acq: 16 Oct 2018 9:57

Tgt Ion: 83 Resp: 281650

Ion Ratio Lower Upper

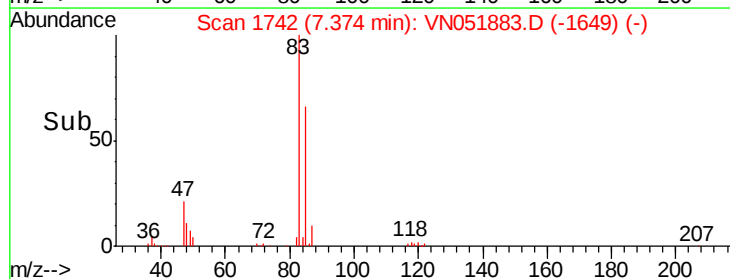
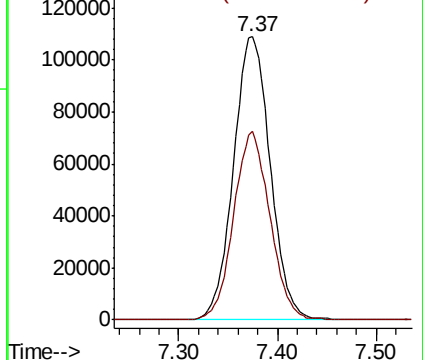
83 100

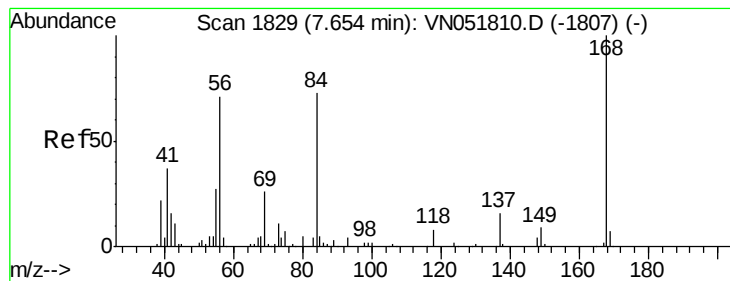
85 66.7 52.2 78.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 19.074 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampled :

VN1016WBS01

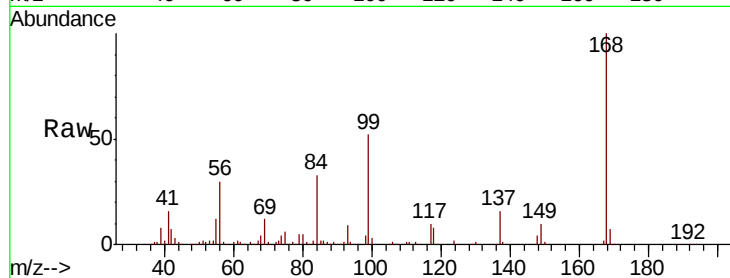
Tgt Ion: 56 Resp: 207229

Ion Ratio Lower Upper

56 100

69 41.5 26.2 39.4#

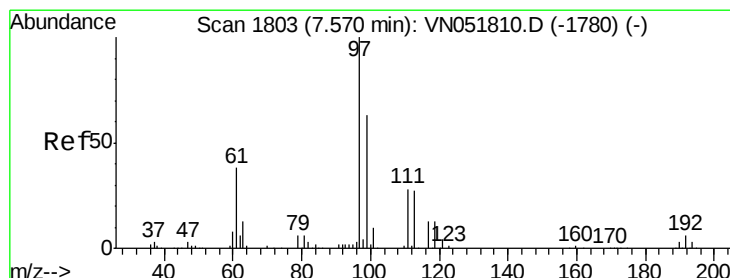
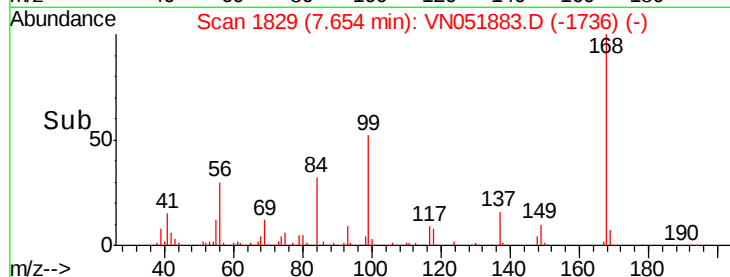
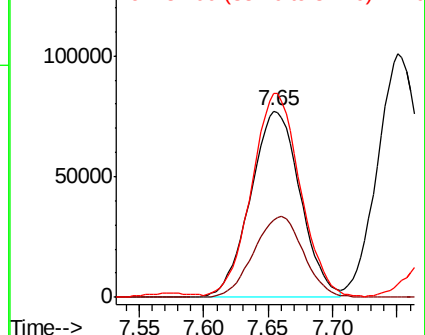
84 108.0 68.3 102.5#



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: 19.301 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

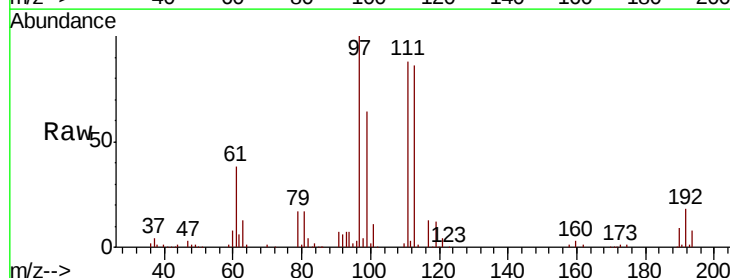
Tgt Ion: 97 Resp: 261454

Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.6

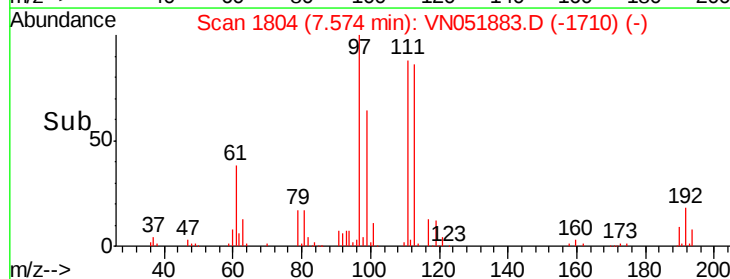
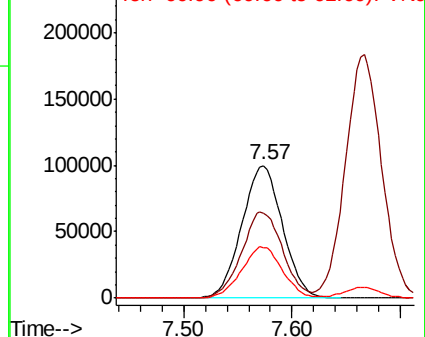
61 39.0 34.9 52.3

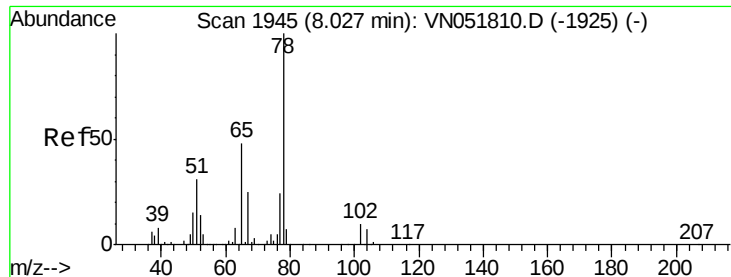


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

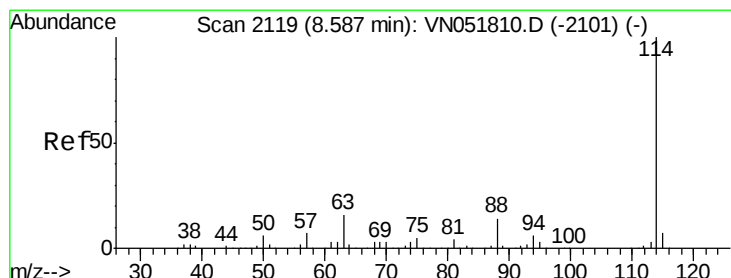
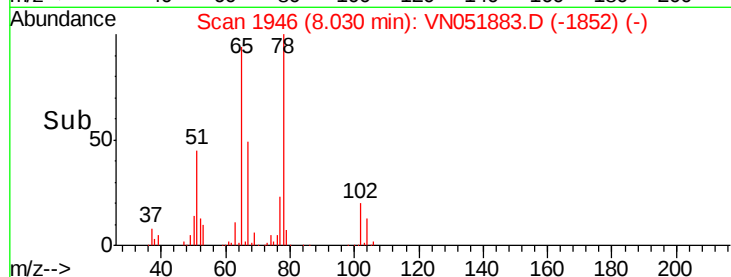
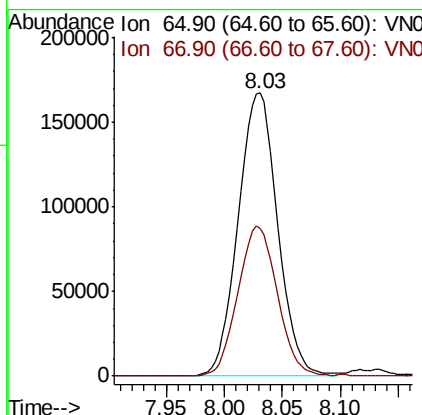
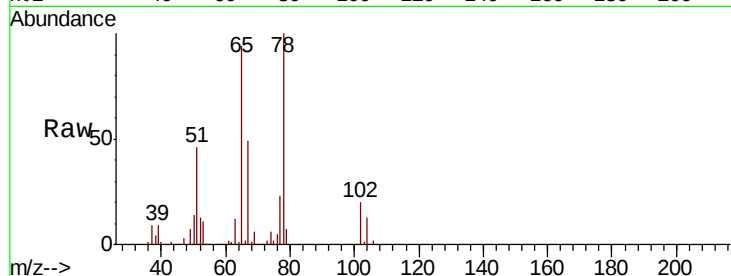




#33
 1,2-Dichloroethane-d4
 Concen: 19.301 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

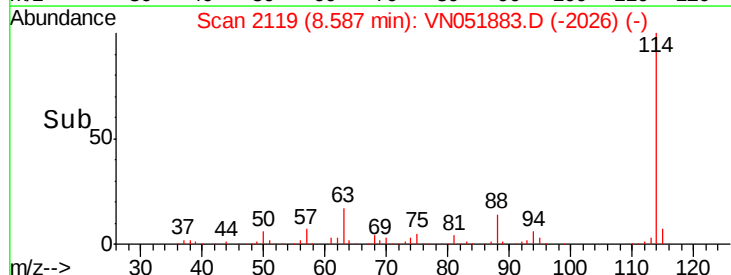
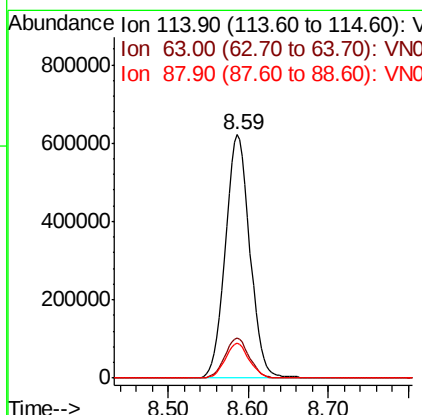
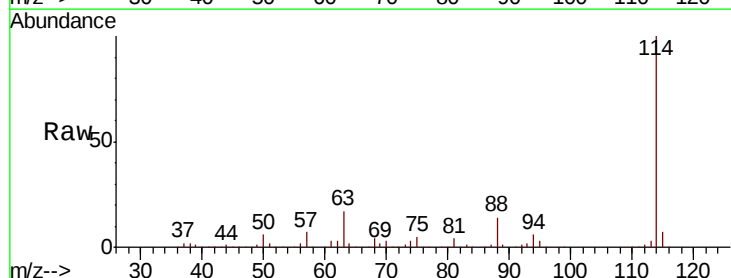
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

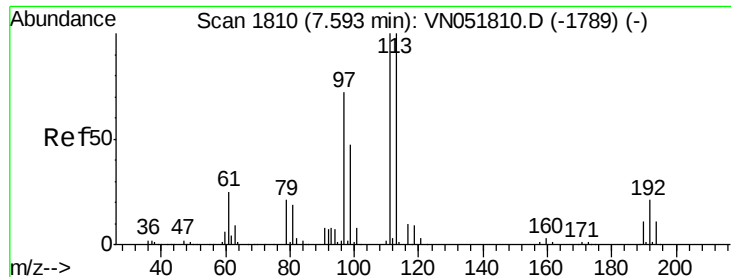
Tgt Ion: 65 Resp: 396743
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

Tgt Ion: 114 Resp: 1301156
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 38.6
 88 14.3 0.0 30.6

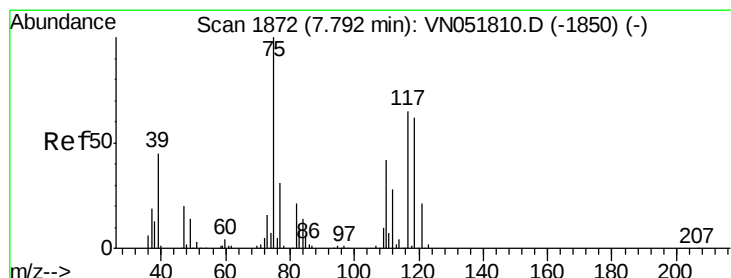
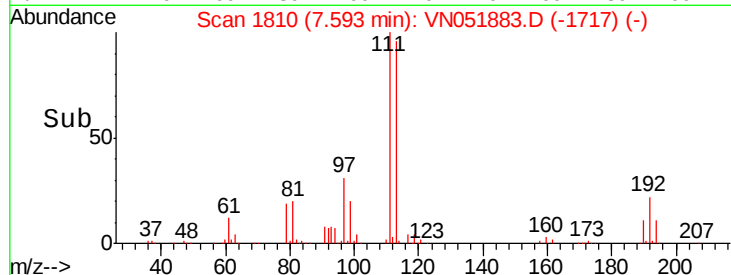
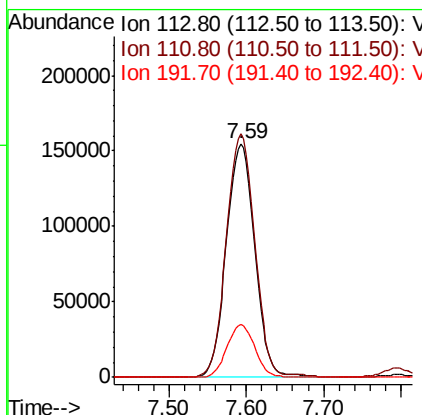
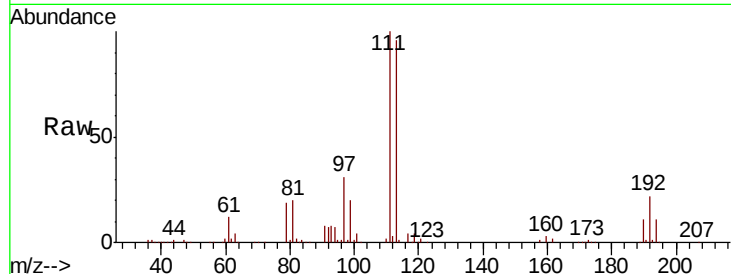




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

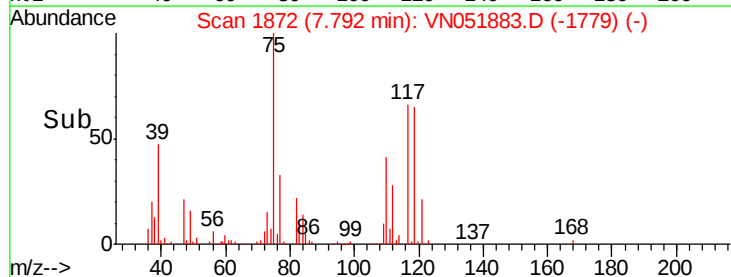
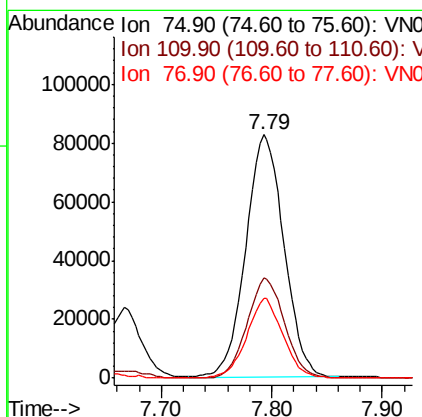
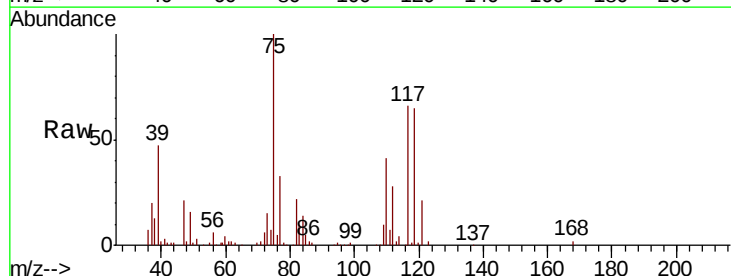
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

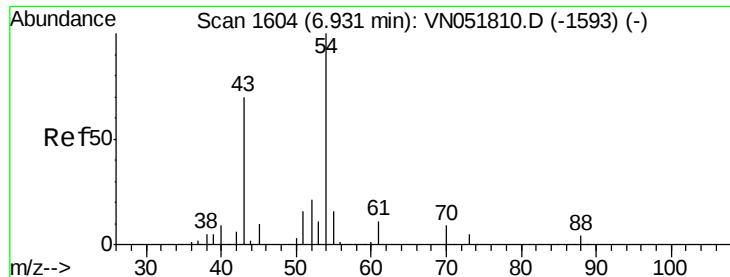
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	22.0	18.0	27.0



#36
1,1-Dichloropropene
Concen: 18.767 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.8	18.1	54.4
77	31.4	24.8	37.2

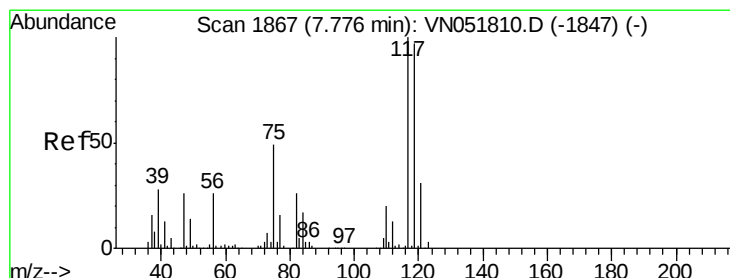
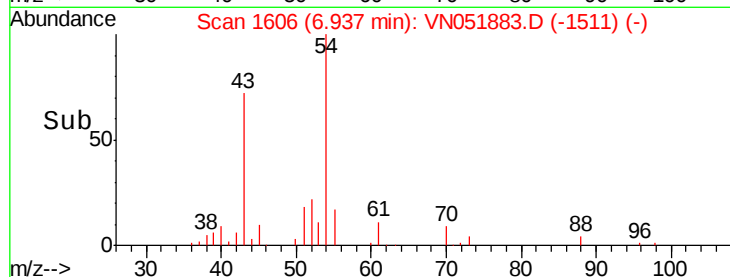
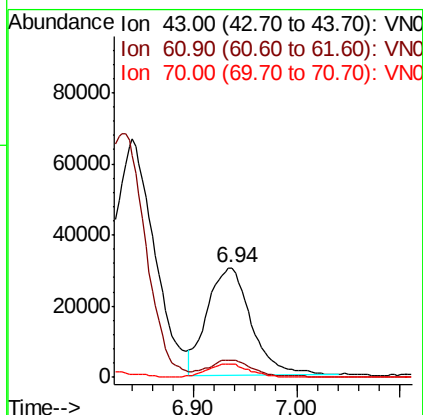
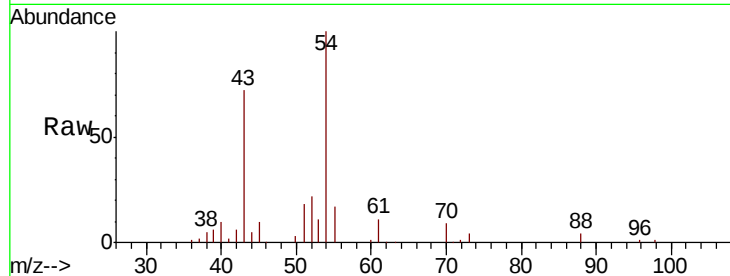




#37
 Ethyl Acetate
 Concen: 16.510 ug/l
 RT: 6.94 min Scan# 1606
 Delta R.T. 0.01 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

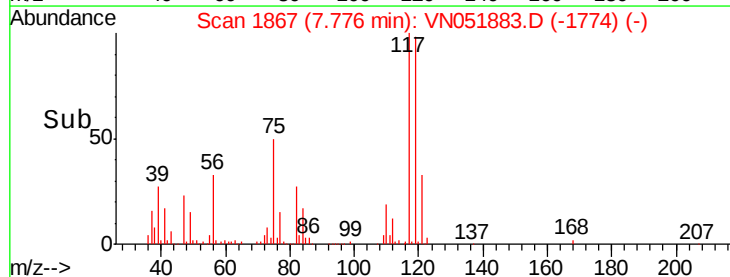
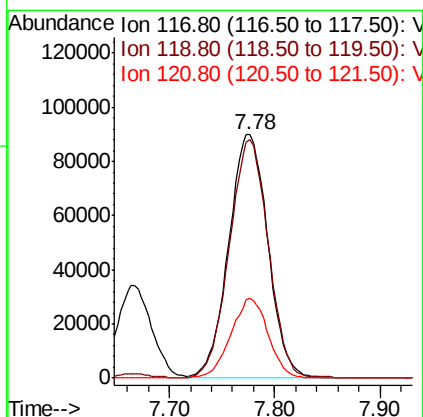
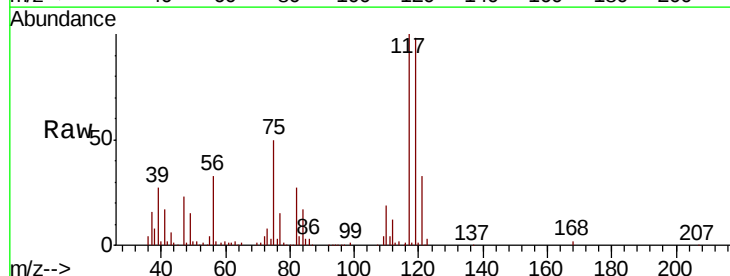
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

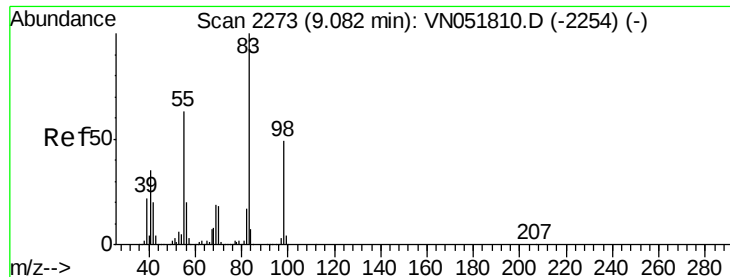
Tgt Ion: 43 Resp: 89291
 Ion Ratio Lower Upper
 43 100
 61 15.6 12.0 18.0
 70 11.8 8.6 13.0



#38
 Carbon Tetrachloride
 Concen: 18.928 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

Tgt Ion: 117 Resp: 231117
 Ion Ratio Lower Upper
 117 100
 119 98.0 76.3 114.5
 121 33.0 24.6 36.8

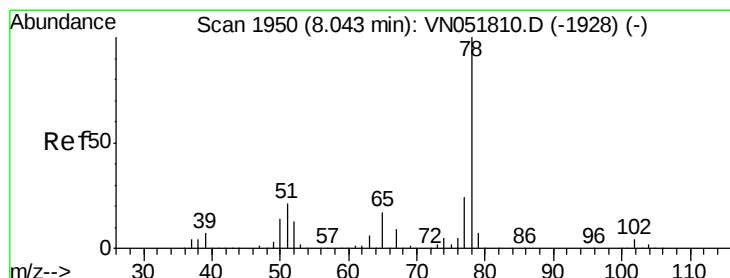
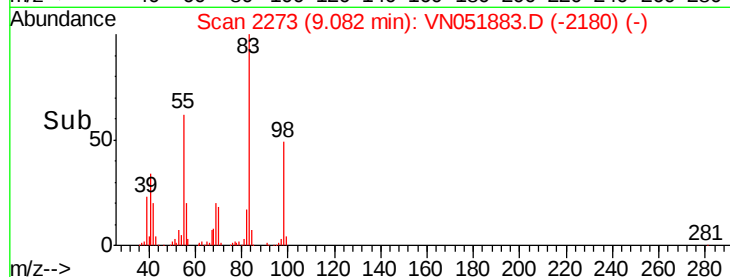
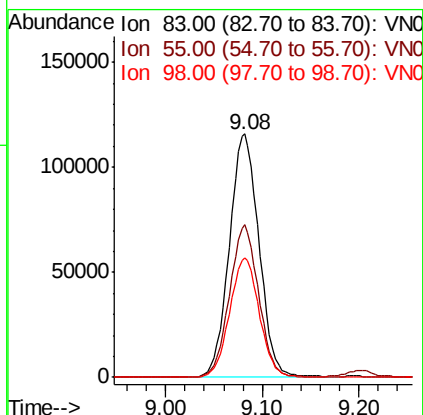
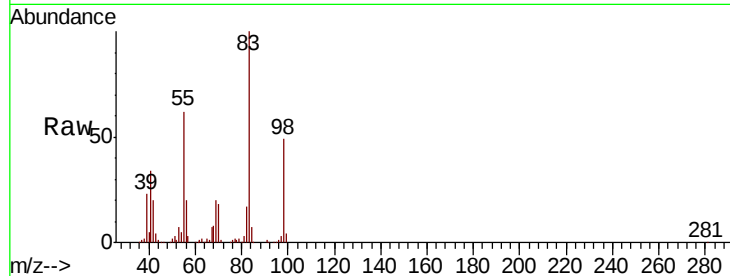




#39
Methylcyclohexane
Concen: 19.059 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

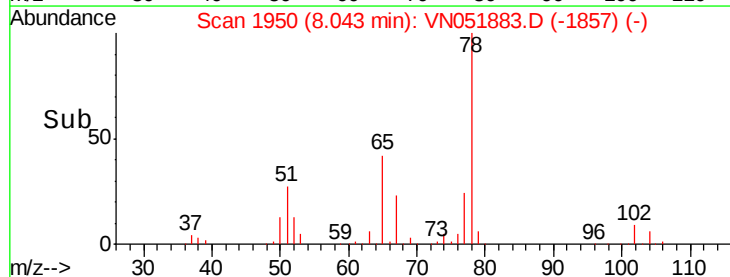
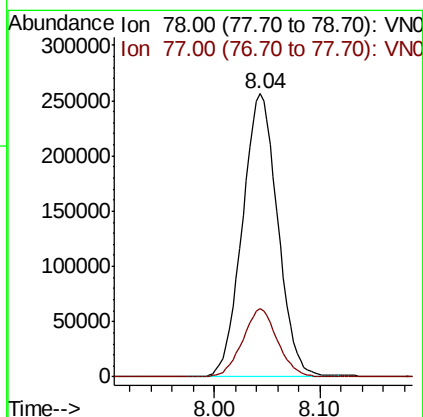
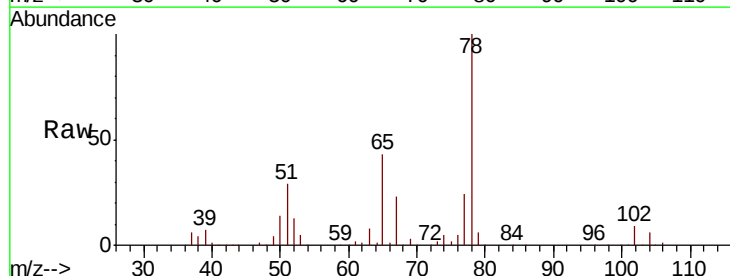
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

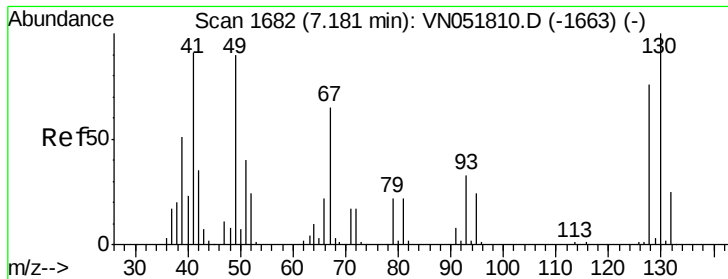
Tgt Ion: 83 Resp: 246627
Ion Ratio Lower Upper
83 100
55 62.5 61.0 91.4
98 49.3 37.5 56.3



#40
Benzene
Concen: 19.664 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion: 78 Resp: 597532
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.4





#41

Methacrylonitrile

Concen: 16.058 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.01 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

Tgt Ion: 41 Resp: 41869

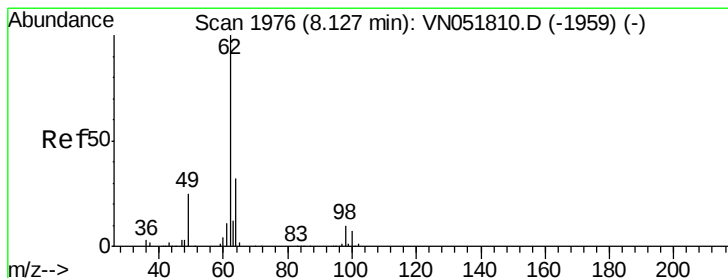
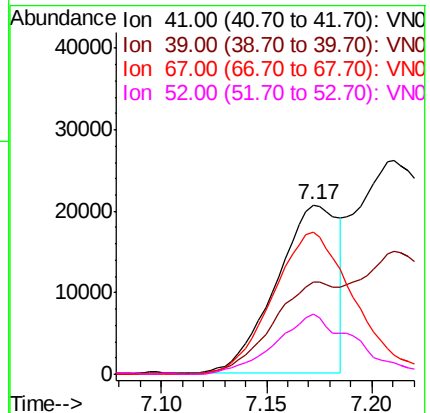
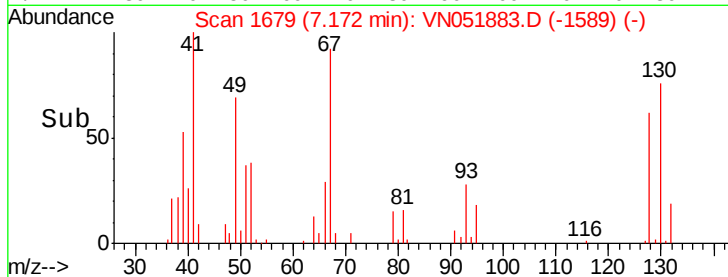
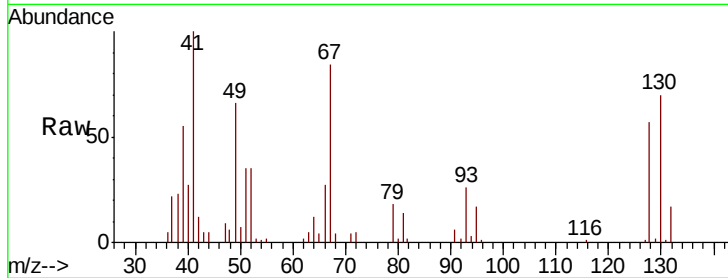
Ion Ratio Lower Upper

41 100

39 58.1 45.4 68.0

67 113.0 70.6 106.0#

52 47.1 27.1 40.7#



#42

1,2-Dichloroethane

Concen: 19.098 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN051883.D

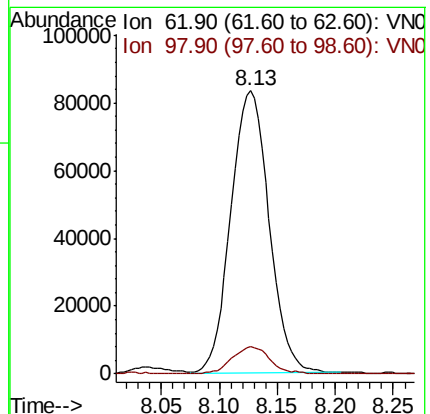
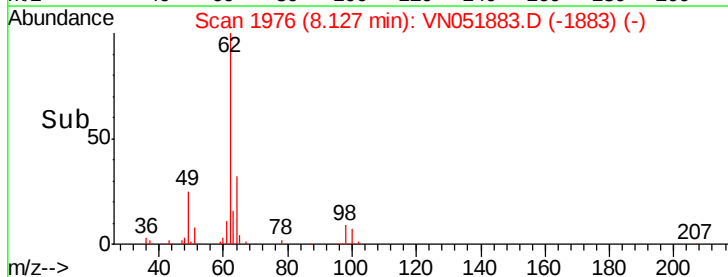
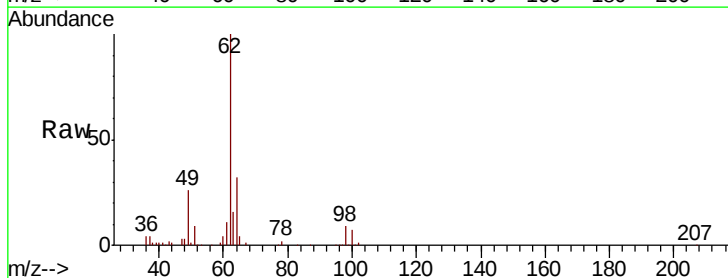
Acq: 16 Oct 2018 9:57

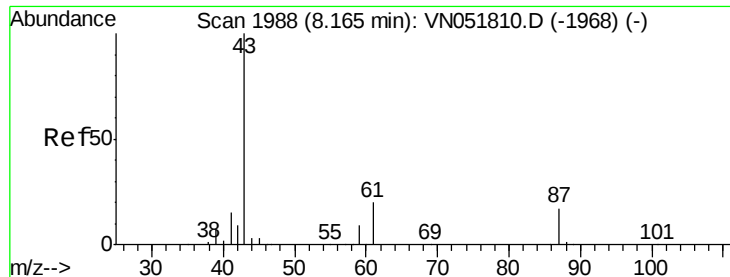
Tgt Ion: 62 Resp: 190247

Ion Ratio Lower Upper

62 100

98 9.6 0.0 19.6





#43

Isopropyl Acetate

Concen: 15.480 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

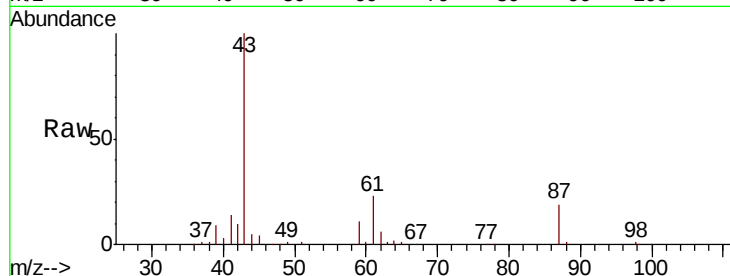
Tgt Ion: 43 Resp: 171286

Ion Ratio Lower Upper

43 100

61 21.1 17.5 26.3

87 18.4 11.3 16.9#

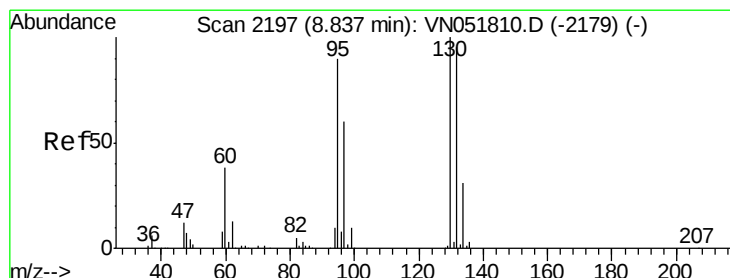
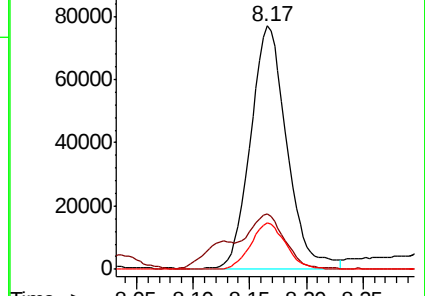
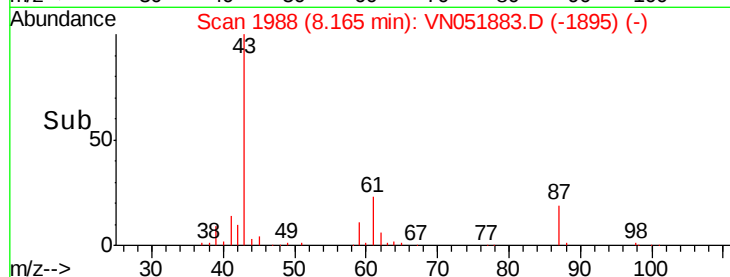


Abundance Ion 43.00 (42.70 to 43.70): VN051810.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN051810.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN051810.D (-1968) (-)

8.17



#44

Trichloroethene

Concen: 20.128 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN051883.D

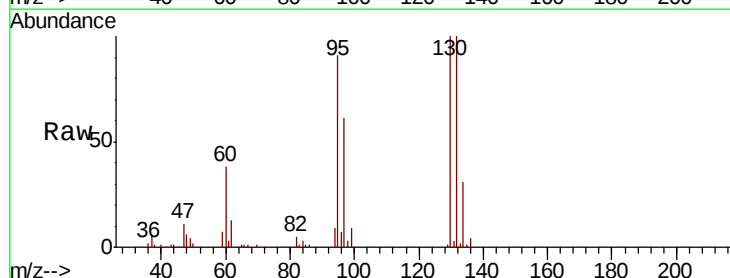
Acq: 16 Oct 2018 9:57

Tgt Ion: 130 Resp: 186208

Ion Ratio Lower Upper

130 100

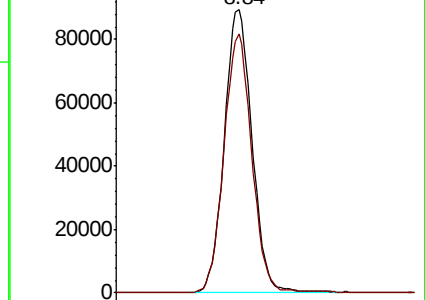
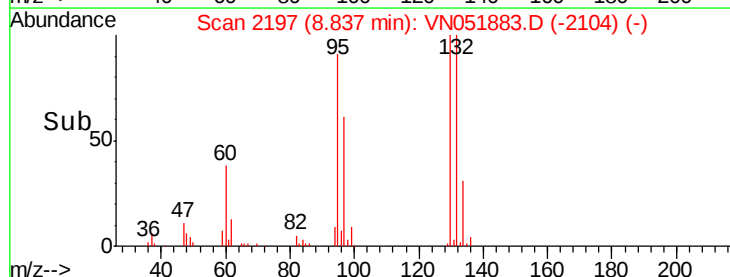
95 91.5 0.0 193.0

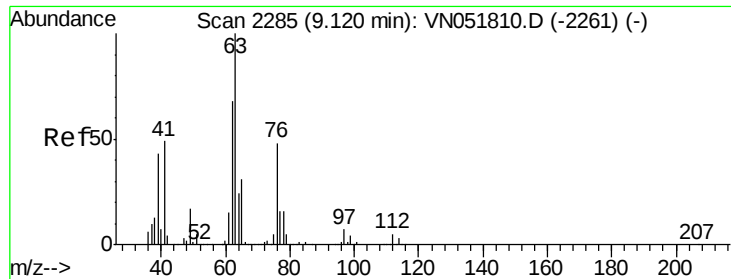


Abundance Ion 129.80 (129.50 to 130.50): VN051810.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN051810.D (-2179) (-)

8.84





#45

1,2-Dichloropropane

Concen: 19.258 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

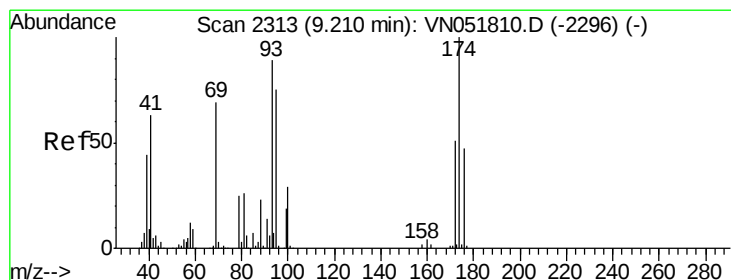
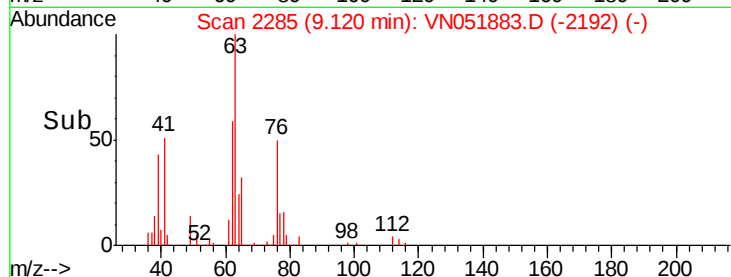
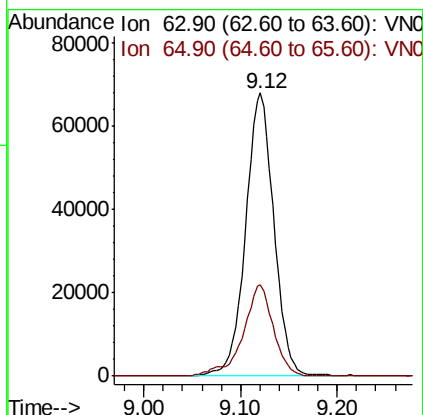
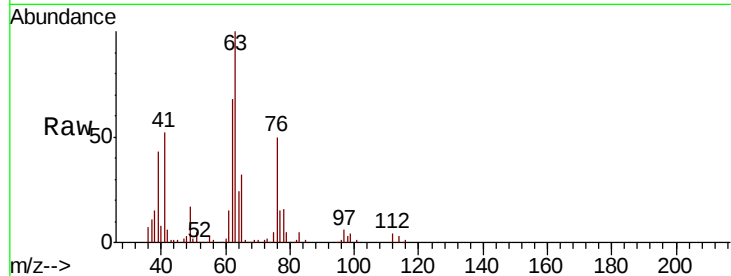
VN1016WBS01

Tgt Ion: 63 Resp: 137596

Ion Ratio Lower Upper

63 100

65 32.3 25.0 37.6



#46

Dibromomethane

Concen: 18.701 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

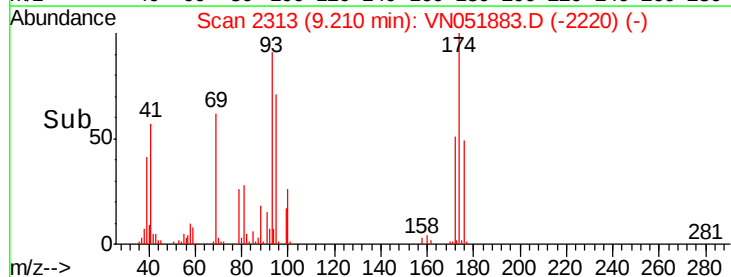
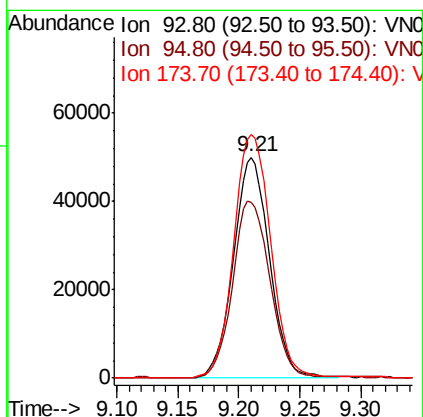
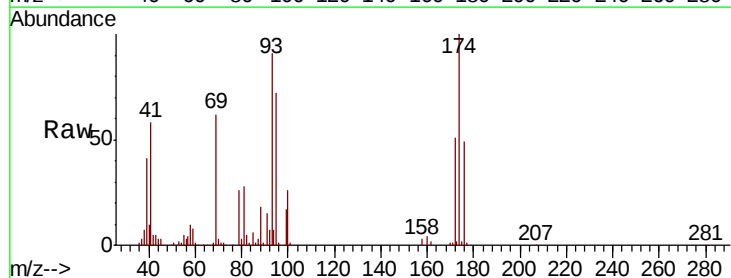
Tgt Ion: 93 Resp: 102536

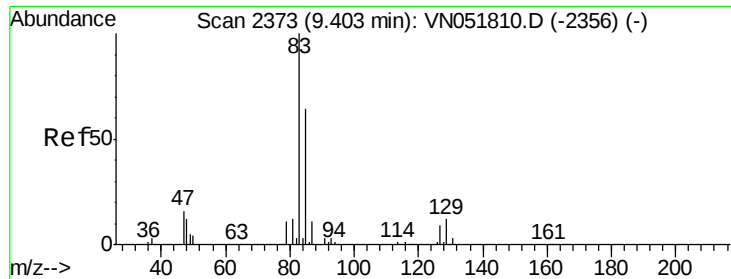
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 113.0 89.8 134.6





#47

Bromodichloromethane

Concen: 18.961 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

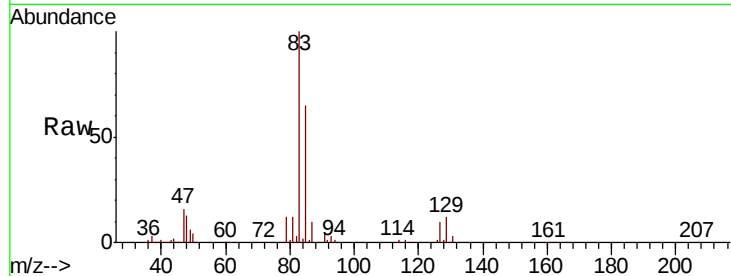
Tgt Ion: 83 Resp: 207716

Ion Ratio Lower Upper

83 100

85 65.4 52.6 78.8

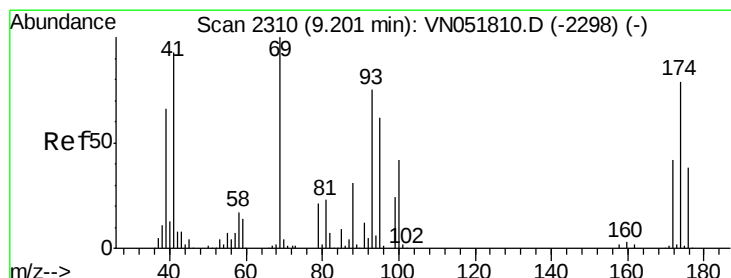
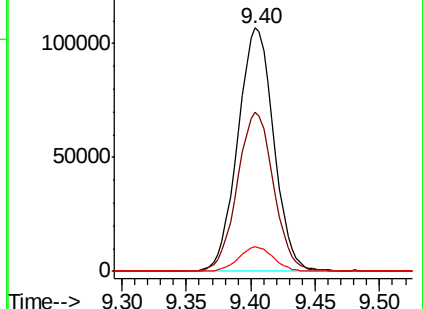
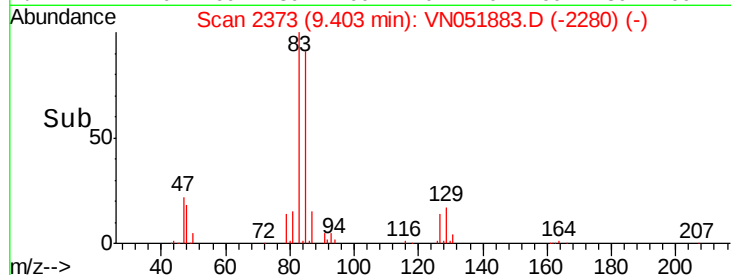
127 10.0 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN051883.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN051883.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN051883.D (-2280) (-)



#48

Methyl methacrylate

Concen: 16.494 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

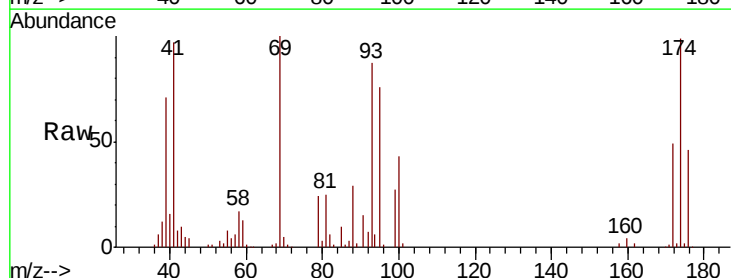
Tgt Ion: 41 Resp: 79465

Ion Ratio Lower Upper

41 100

69 109.0 74.7 112.1

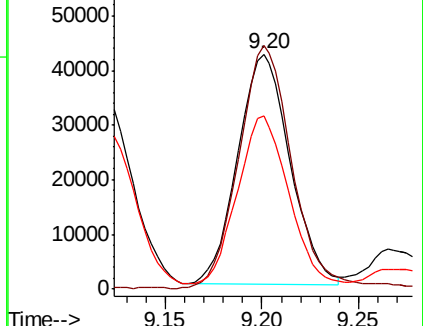
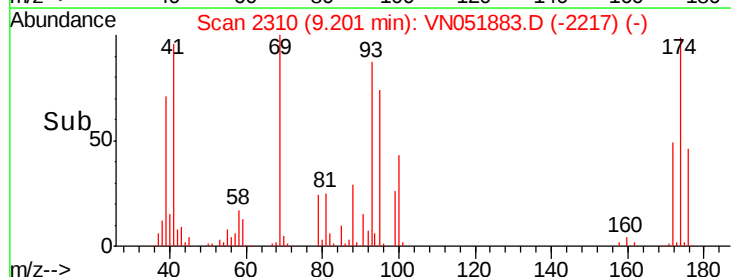
39 74.9 42.2 63.2#

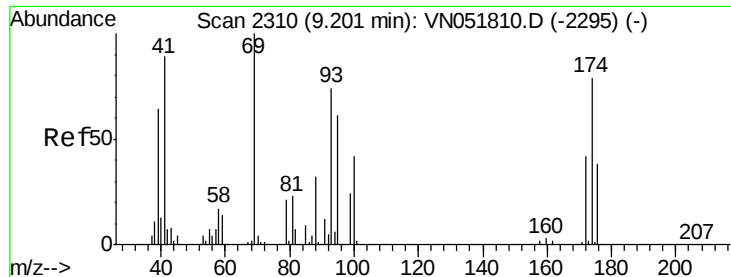


Abundance Ion 41.00 (40.70 to 41.70): VN051883.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN051883.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN051883.D (-2217) (-)

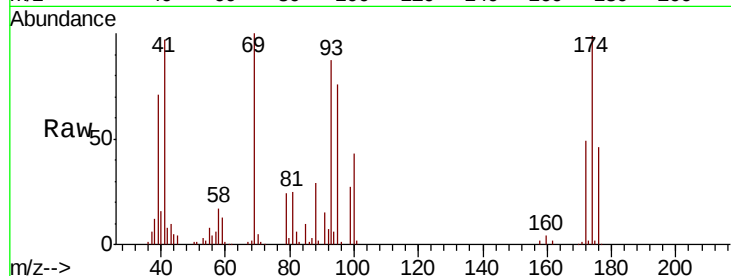




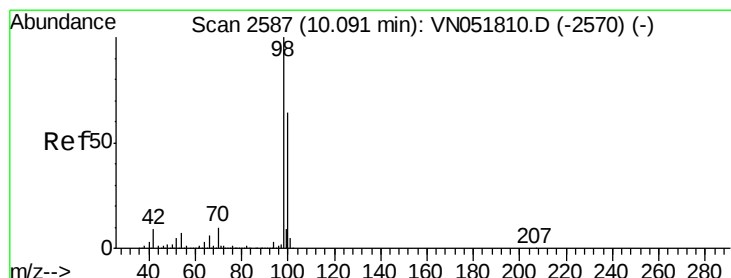
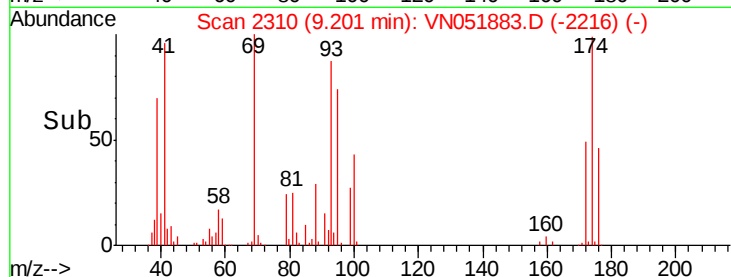
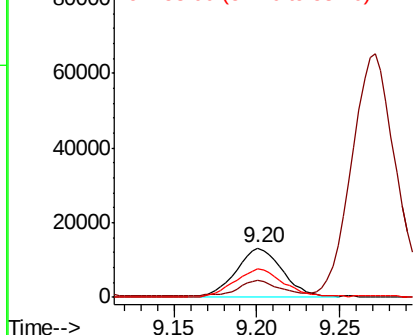
#49
1,4-Dioxane
Concen: 308.772 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

Tgt Ion: 88 Resp: 25850
Ion Ratio Lower Upper
88 100
43 29.4 25.9 38.9
58 60.6 55.0 82.4

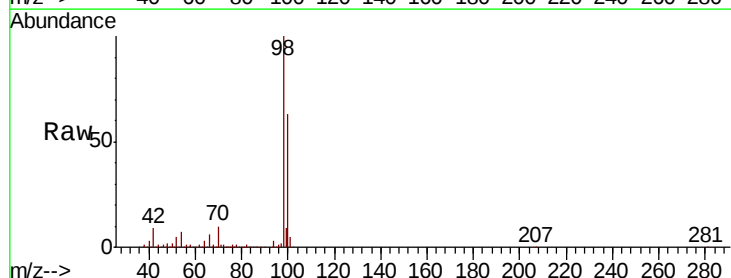


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

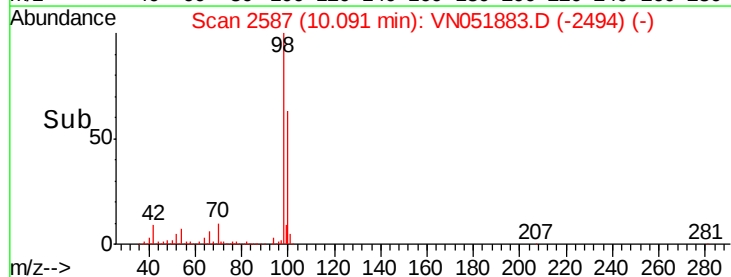
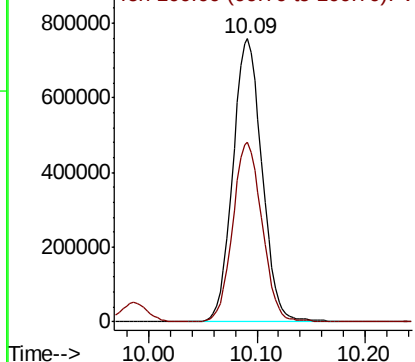


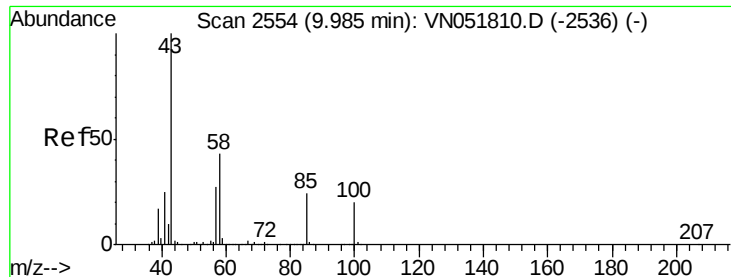
#50
Toluene-d8
Concen: 308.772 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion: 98 Resp: 1432331
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3



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

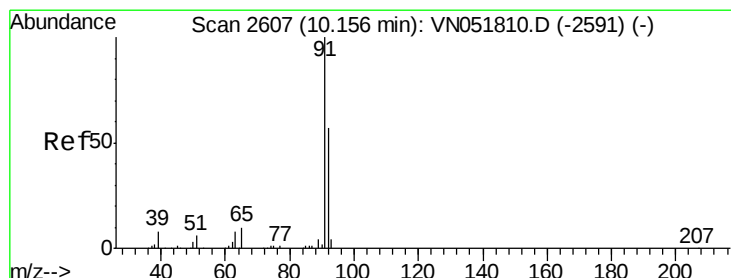
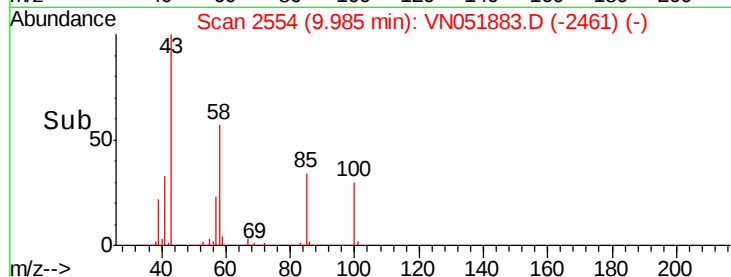
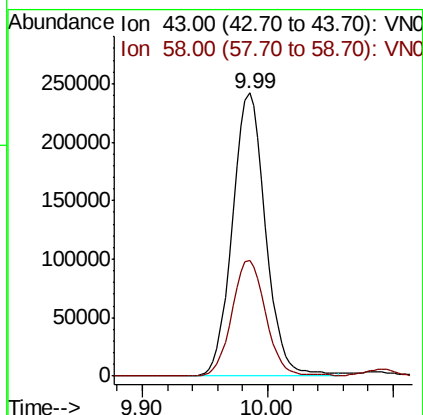
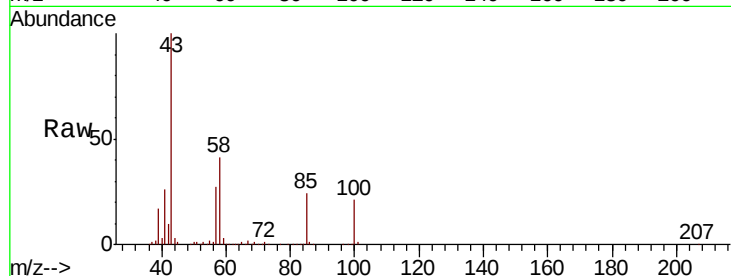




#51
 4-Methyl-2-Pentanone
 Concen: 78.774 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

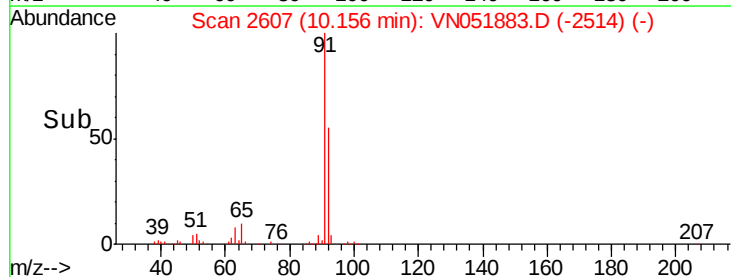
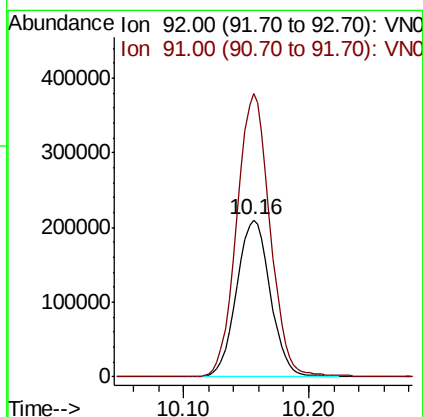
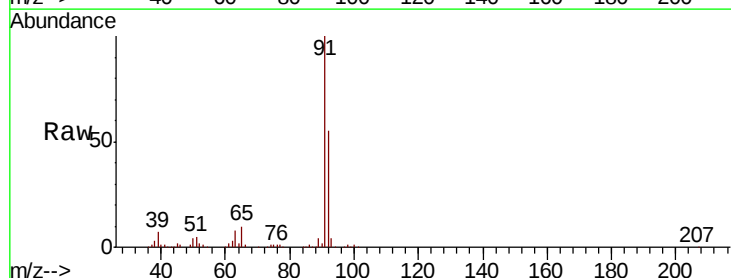
Instrument :
 MSVOA_N
 ClientSampled :
 VN1016WBS01

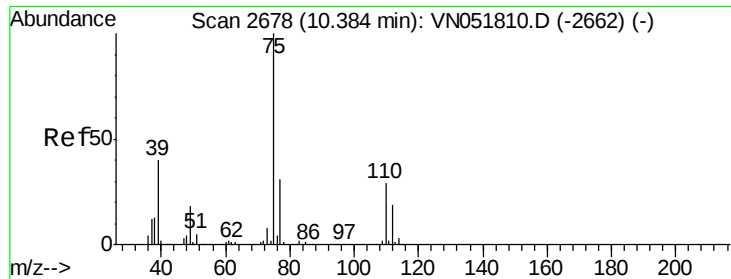
Tgt Ion: 43 Resp: 442246
 Ion Ratio Lower Upper
 43 100
 58 42.1 32.4 48.6



#52
 Toluene
 Concen: 19.243 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

Tgt Ion: 92 Resp: 392634
 Ion Ratio Lower Upper
 92 100
 91 178.6 140.6 211.0





#53

t-1,3-Dichloropropene

Concen: 16.852 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampled :

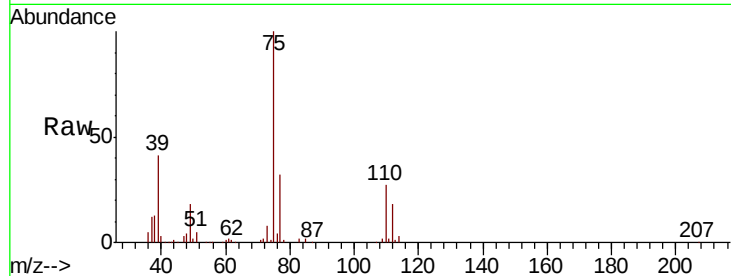
VN1016WBS01

Tgt Ion: 75 Resp: 184964

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

120000

100000

80000

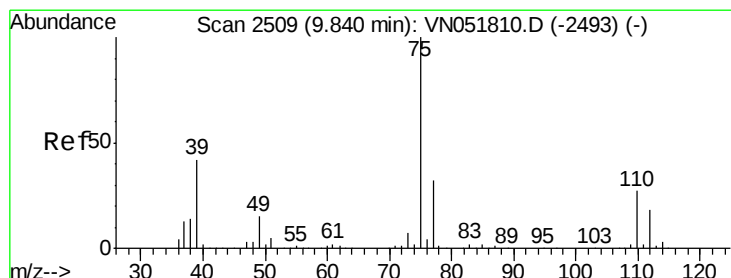
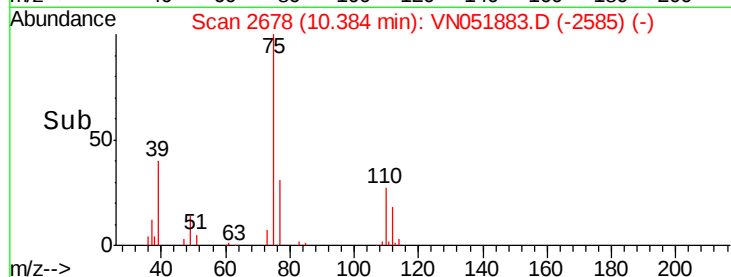
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.189 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

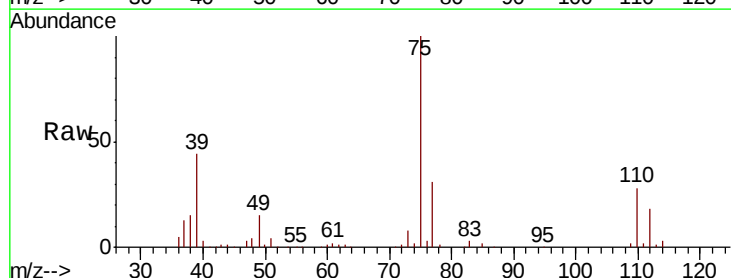
Tgt Ion: 75 Resp: 219172

Ion Ratio Lower Upper

75 100

77 31.3 25.4 38.2

39 44.3 33.0 49.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

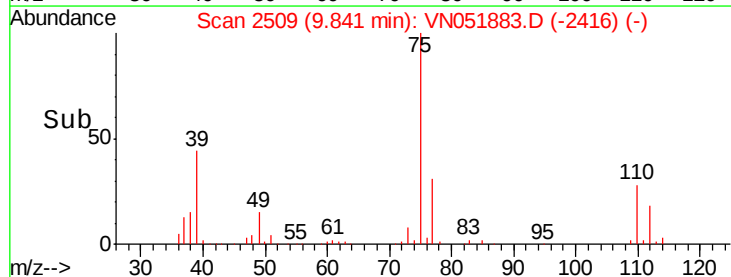
150000

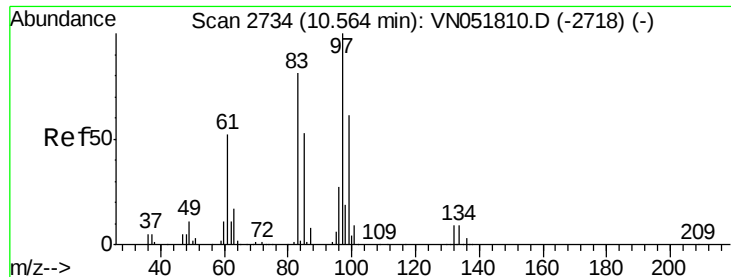
100000

50000

0

Time-->

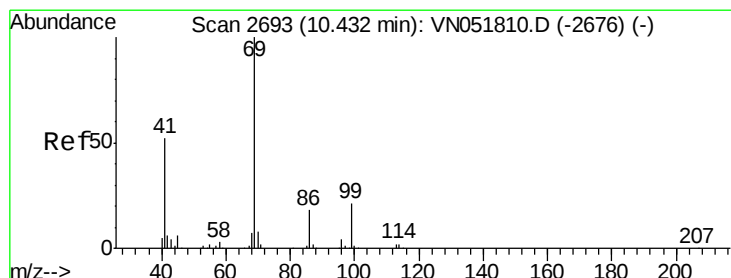
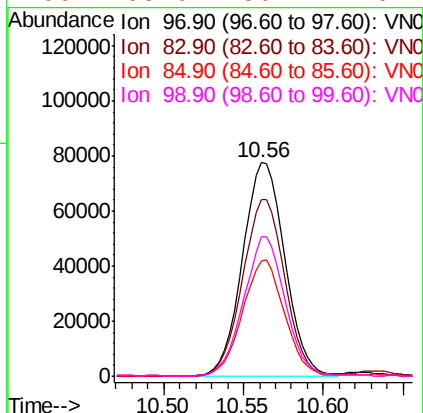
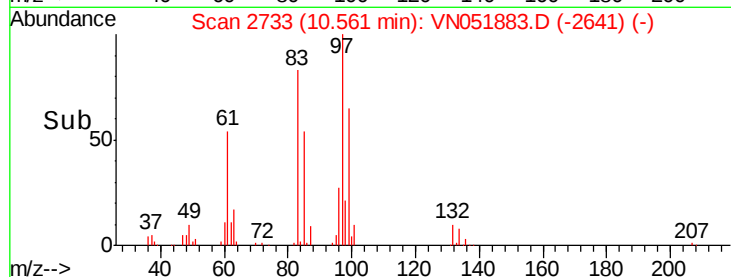
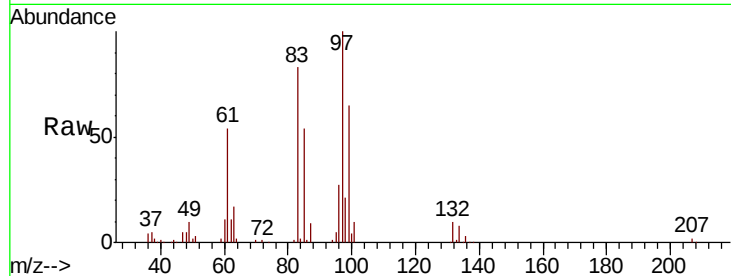




#55
 1,1,2-Trichloroethane
 Concen: 18.375 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

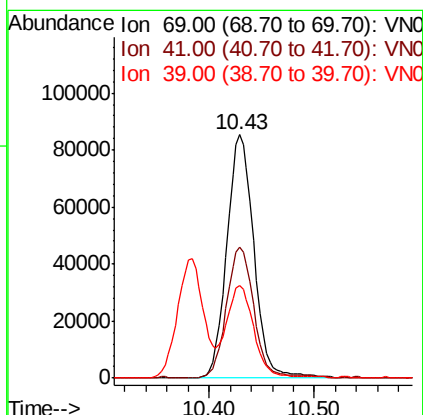
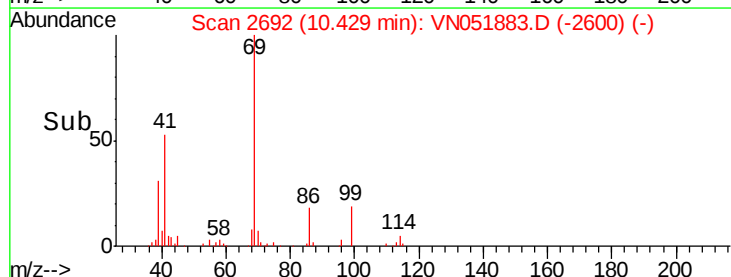
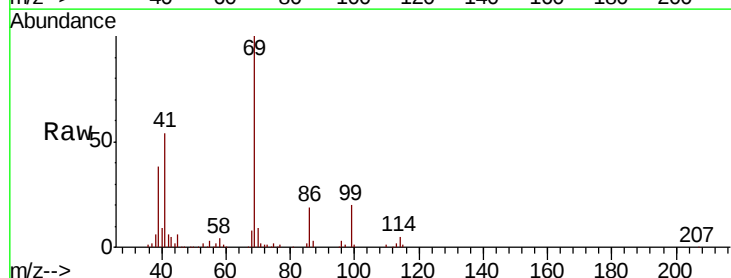
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

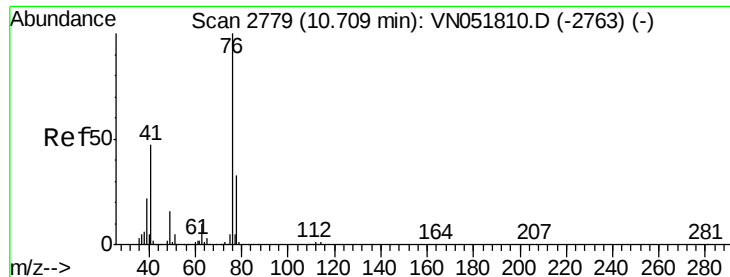
Tgt Ion:	97	Resp:	141039
Ion	Ratio	Lower	Upper
97	100		
83	82.4	69.7	104.5
85	54.2	44.5	66.7
99	65.0	50.7	76.1



#56
 Ethyl methacrylate
 Concen: 16.787 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

Tgt Ion:	69	Resp:	151744
Ion	Ratio	Lower	Upper
69	100		
41	53.5	48.3	72.5
39	38.4	24.0	36.0#





#57

1,3-Dichloropropane

Concen: 18.352 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampled :

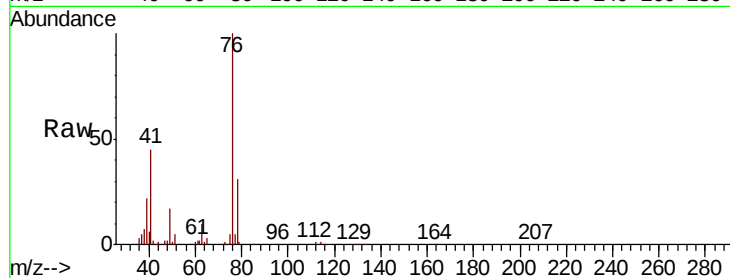
VN1016WBS01

Tgt Ion: 76 Resp: 218838

Ion Ratio Lower Upper

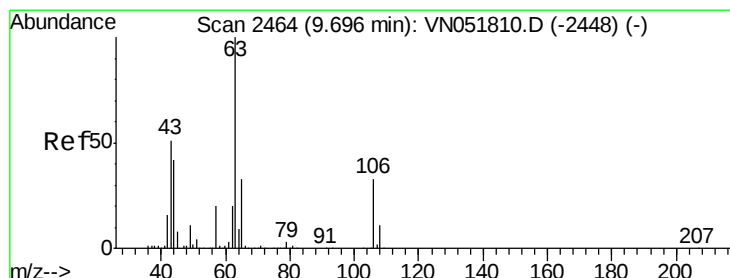
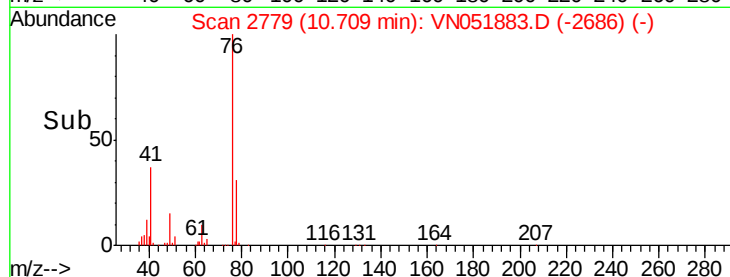
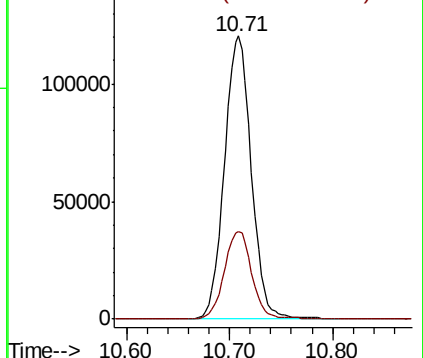
76 100

78 31.7 25.5 38.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 81.463 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN051883.D

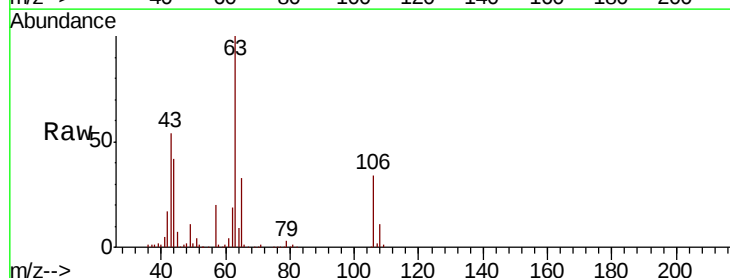
Acq: 16 Oct 2018 9:57

Tgt Ion: 63 Resp: 320641

Ion Ratio Lower Upper

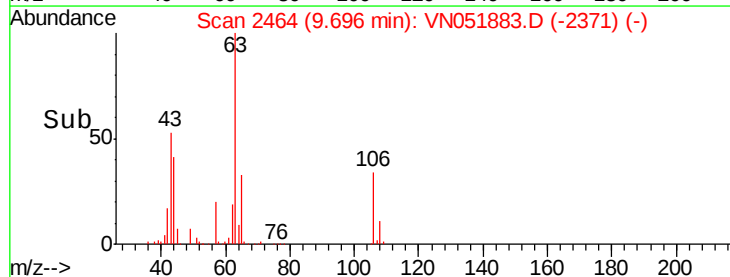
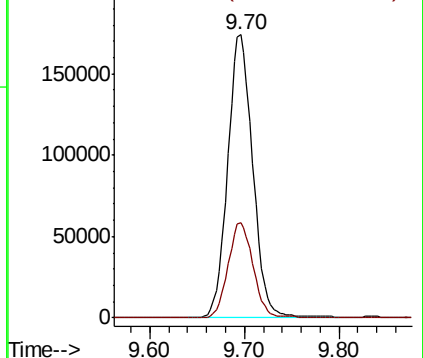
63 100

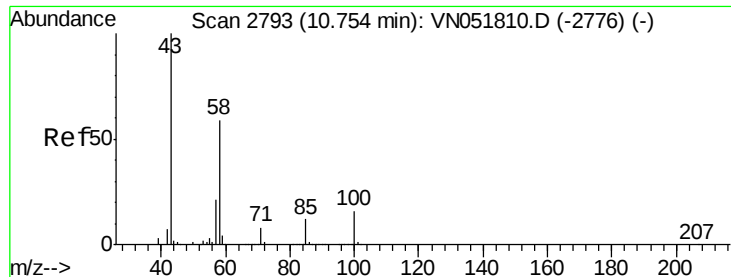
106 33.7 21.9 32.9#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

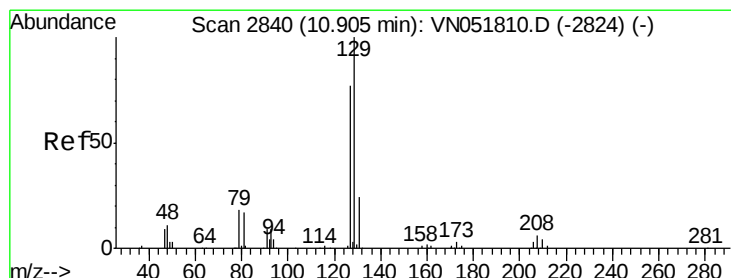
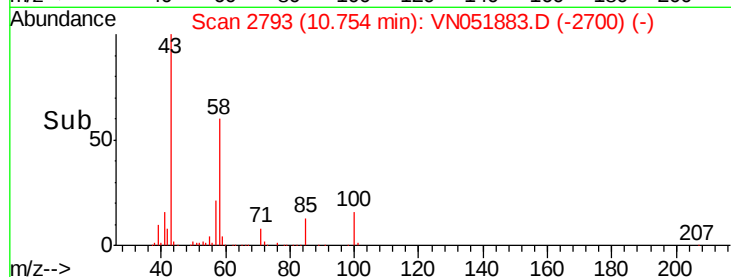
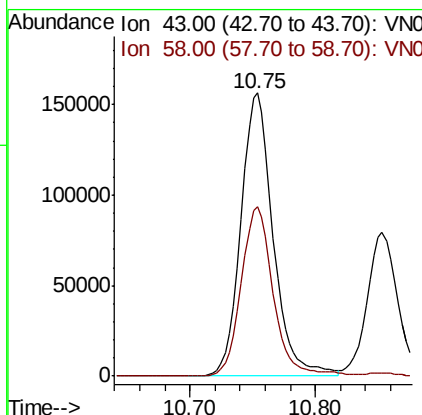
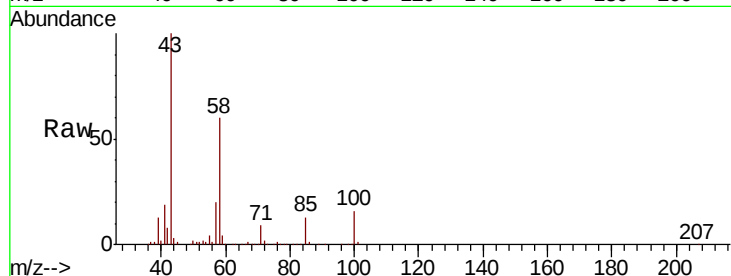




#59
2-Hexanone
Concen: 70.618 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

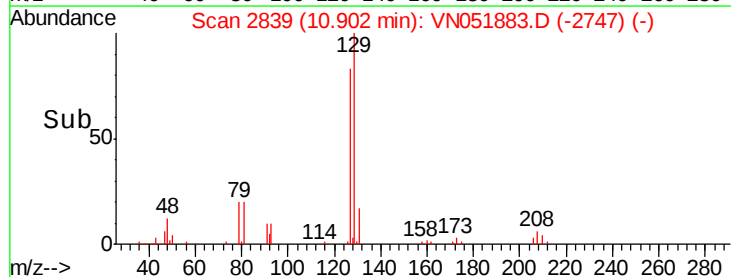
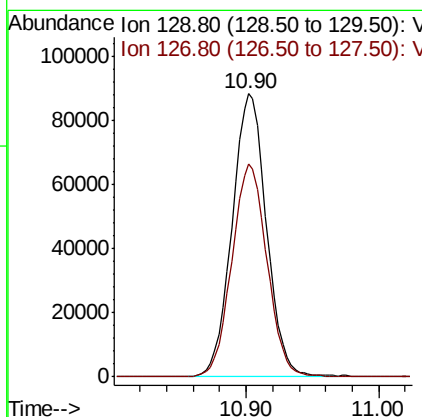
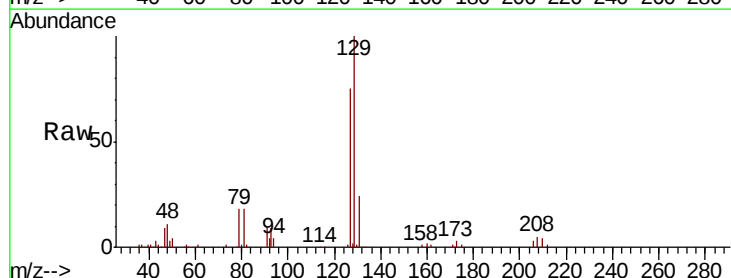
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

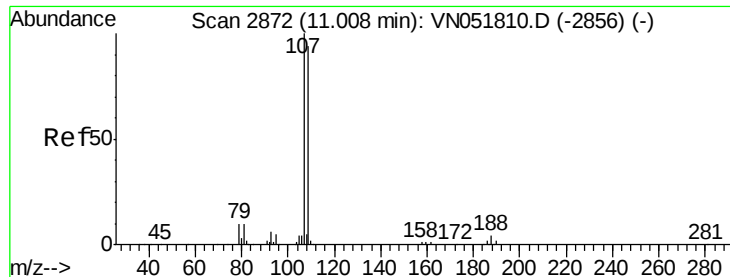
Tgt Ion: 43 Resp: 278454
Ion Ratio Lower Upper
43 100
58 59.8 28.3 85.0



#60
Dibromochloromethane
Concen: 17.457 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion: 129 Resp: 159072
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.9

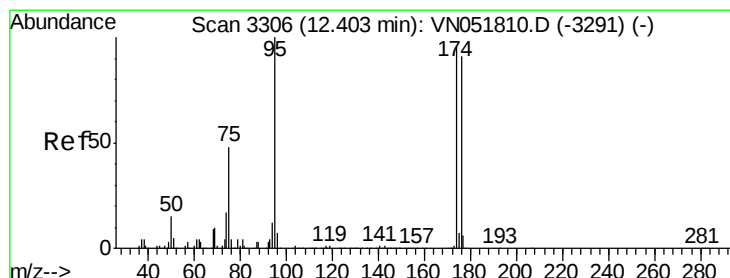
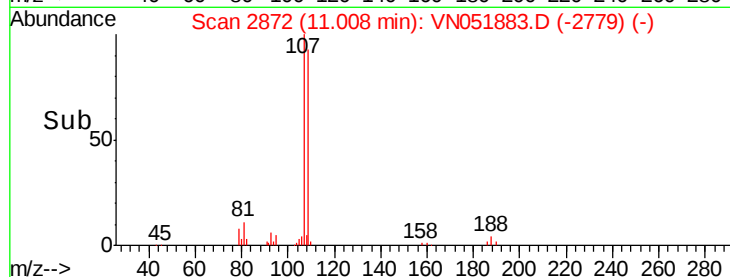
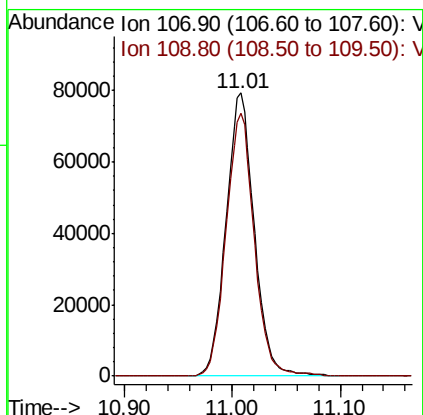
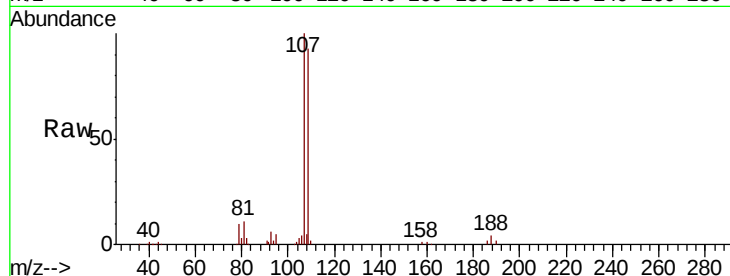




#61
1,2-Dibromoethane
Concen: 18.283 ug/l
RT: 11.01 min Scan# 2872
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

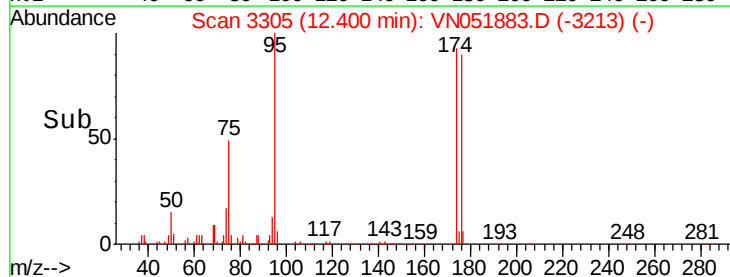
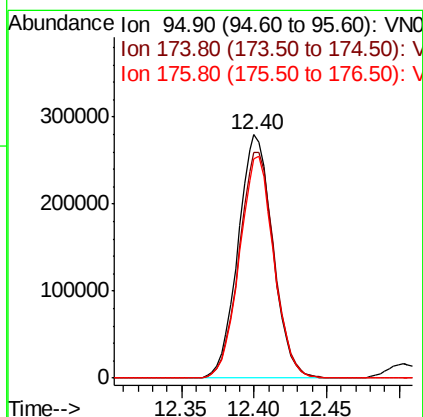
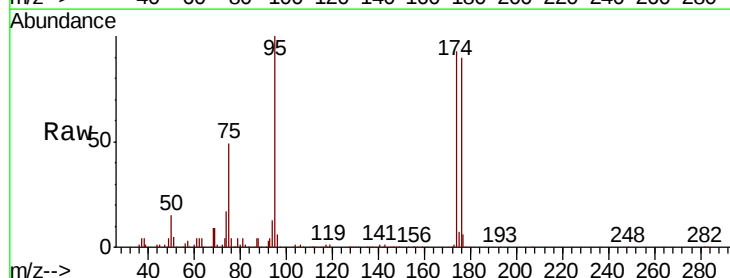
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

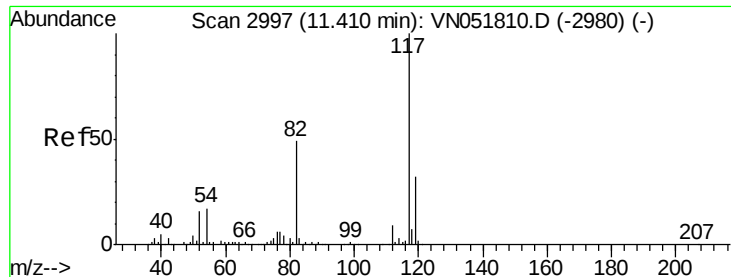
Tgt Ion: 107 Resp: 144536
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 18.283 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion: 95 Resp: 463571
Ion Ratio Lower Upper
95 100
174 94.3 0.0 183.0
176 90.3 0.0 178.8

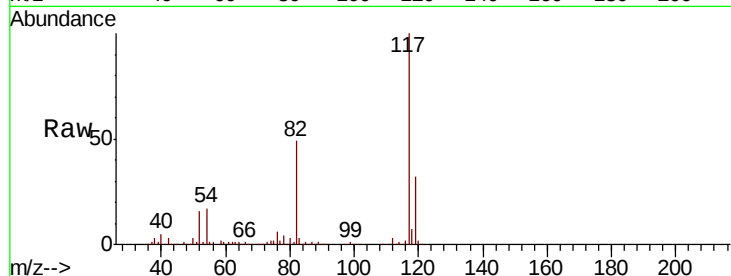




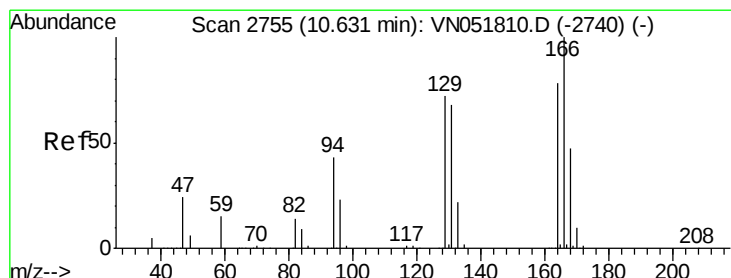
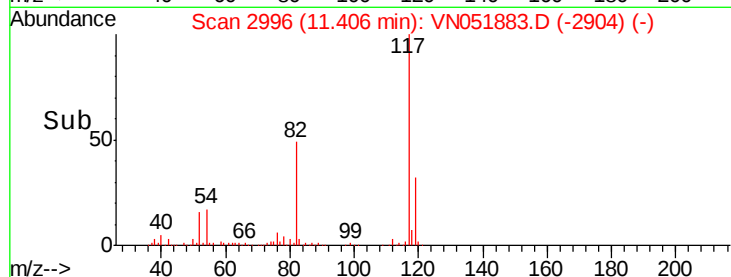
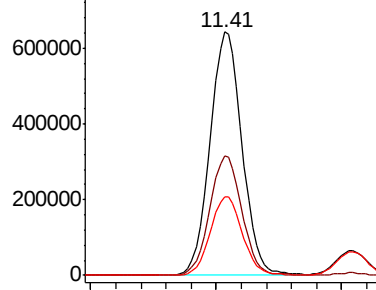
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

Tgt Ion:117 Resp: 1142194
Ion Ratio Lower Upper
117 100
82 49.1 42.6 64.0
119 32.4 25.8 38.6

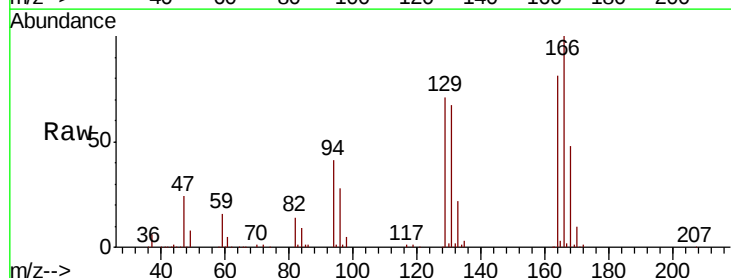


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

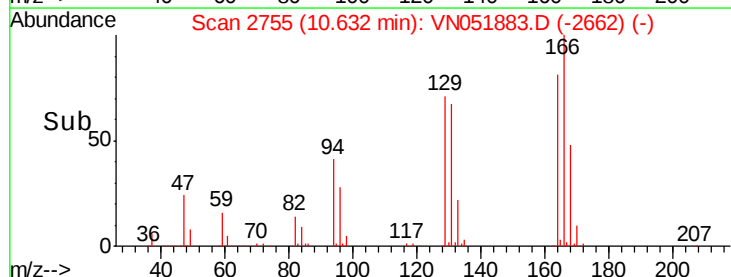
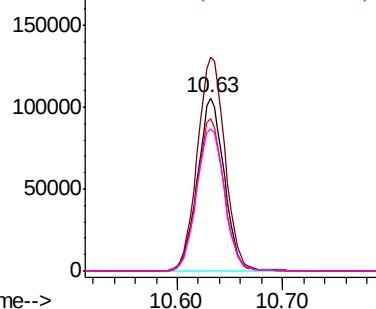


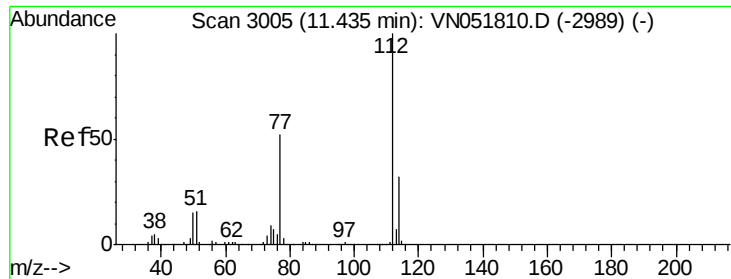
#64
Tetrachloroethene
Concen: 21.016 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion:164 Resp: 184108
Ion Ratio Lower Upper
164 100
166 123.4 103.5 155.3
129 87.7 72.7 109.1
131 82.2 69.5 104.3



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

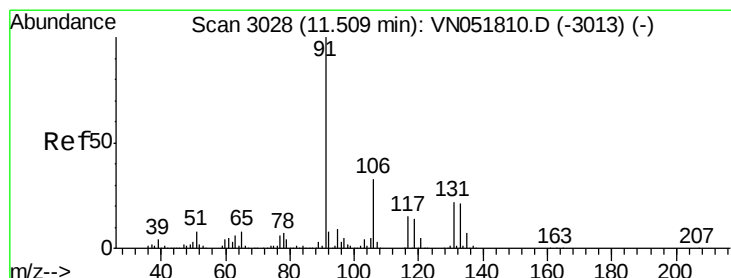
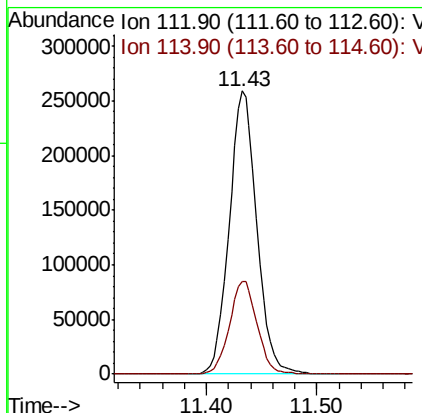
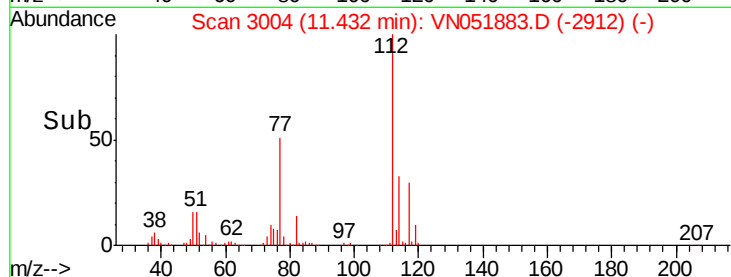
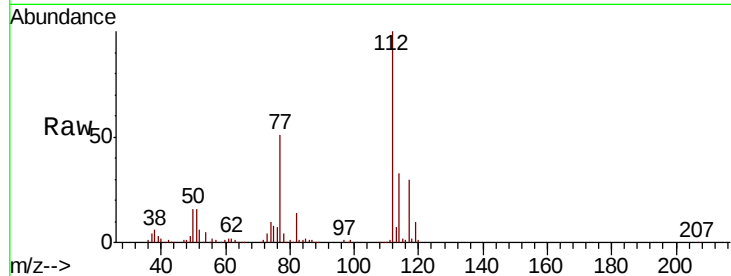




#65
Chlorobenzene
Concen: 19.357 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

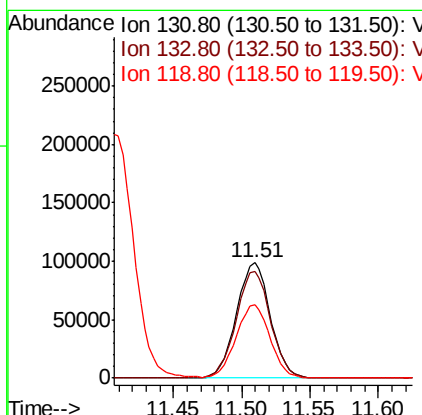
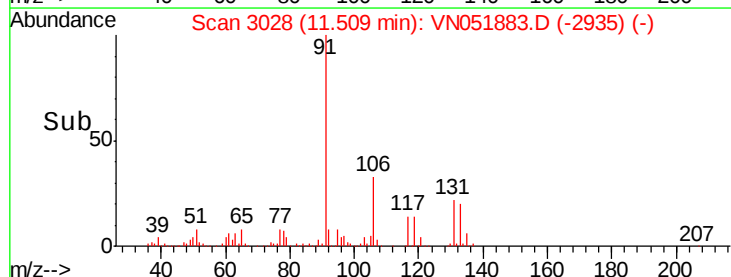
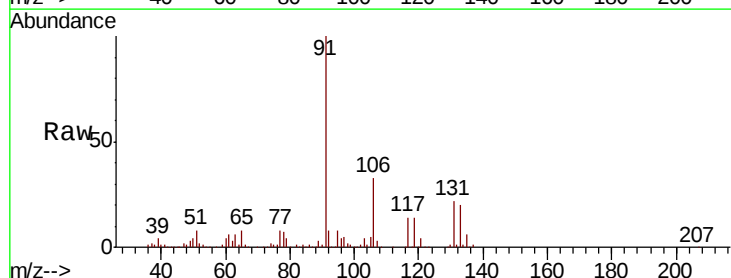
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

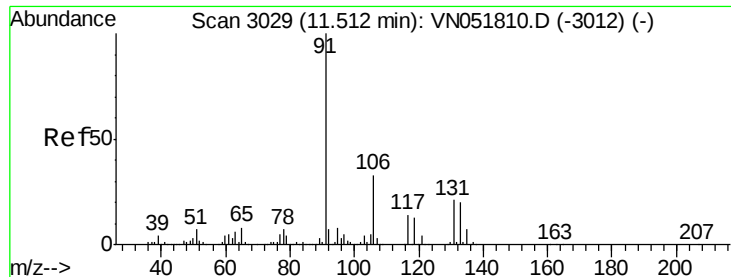
Tgt Ion:112 Resp: 447135
Ion Ratio Lower Upper
112 100
114 32.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.372 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion:131 Resp: 170558
Ion Ratio Lower Upper
131 100
133 93.9 47.4 142.3
119 63.7 32.8 98.4





#67

Ethyl Benzene

Concen: 19.656 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

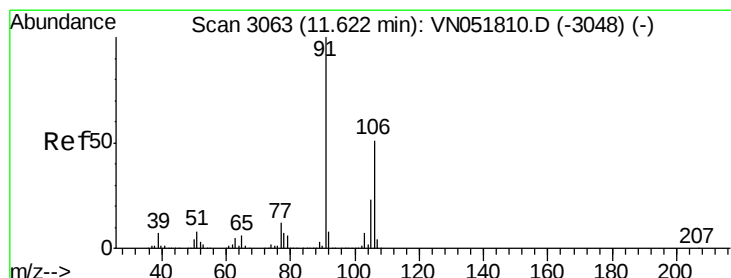
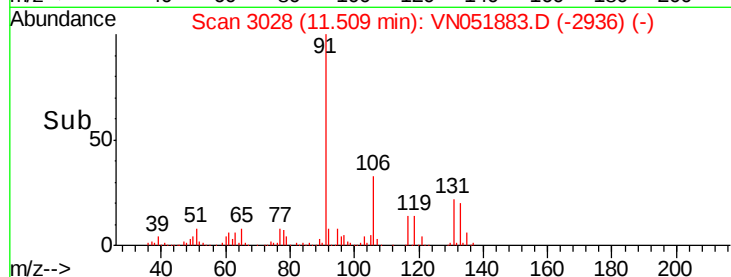
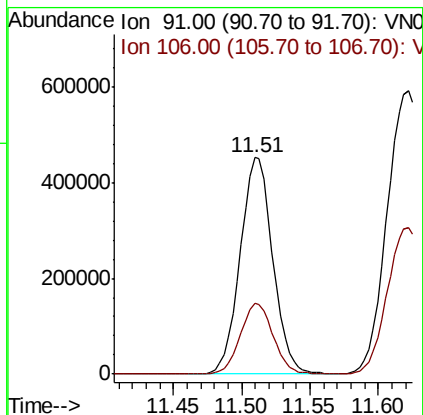
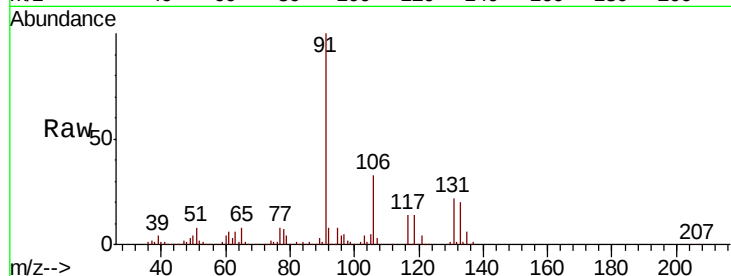
VN1016WBS01

Tgt Ion: 91 Resp: 751663

Ion Ratio Lower Upper

91 100

106 32.6 25.0 37.4



#68

m/p-Xylenes

Concen: 38.776 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN051883.D

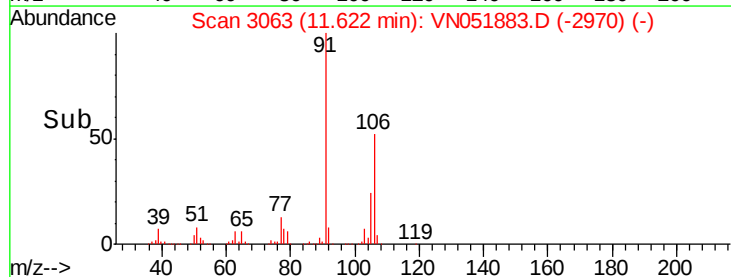
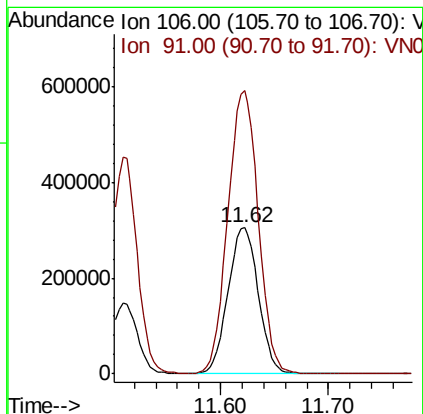
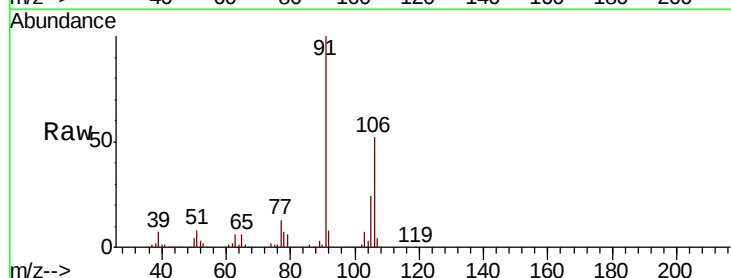
Acq: 16 Oct 2018 9:57

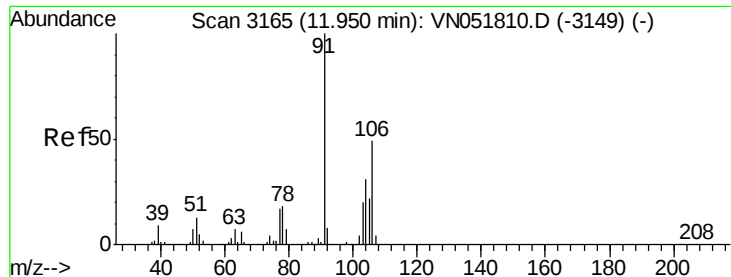
Tgt Ion: 106 Resp: 598959

Ion Ratio Lower Upper

106 100

91 194.0 161.0 241.6

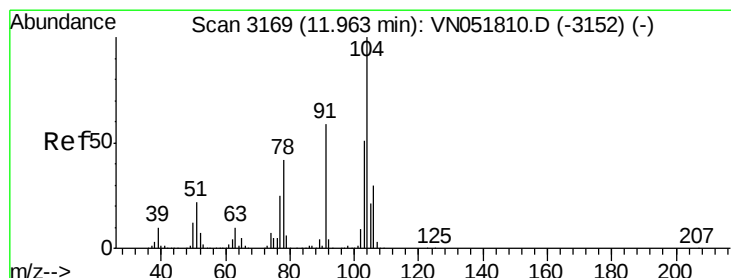
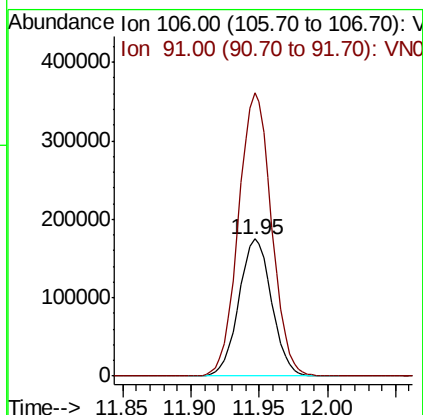
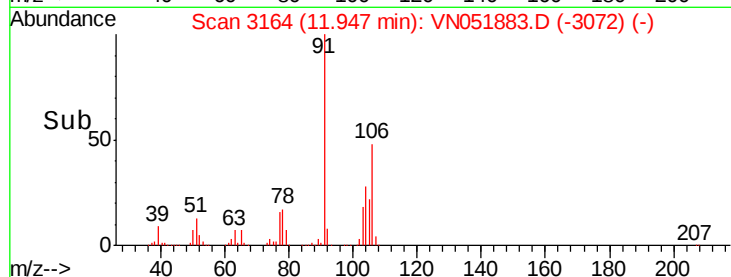
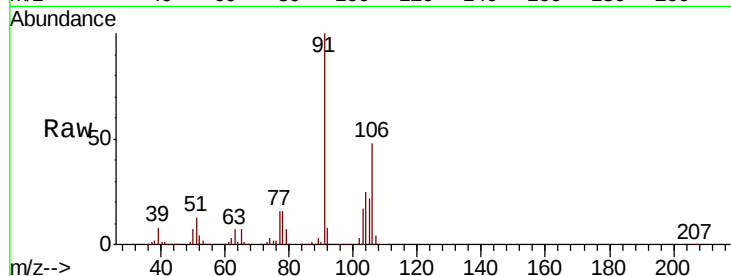




#69
o-Xylene
Concen: 19.493 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

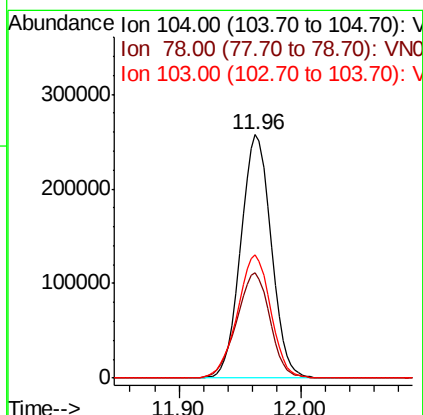
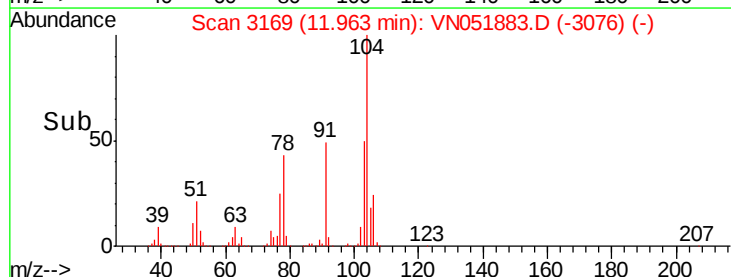
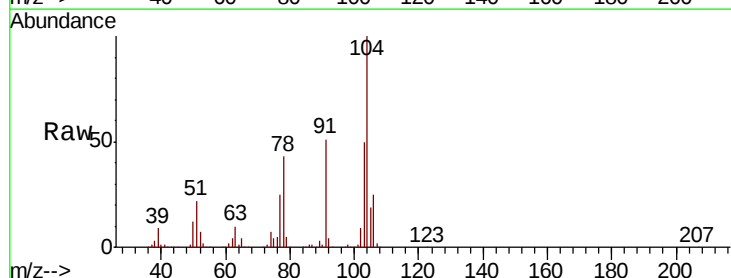
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

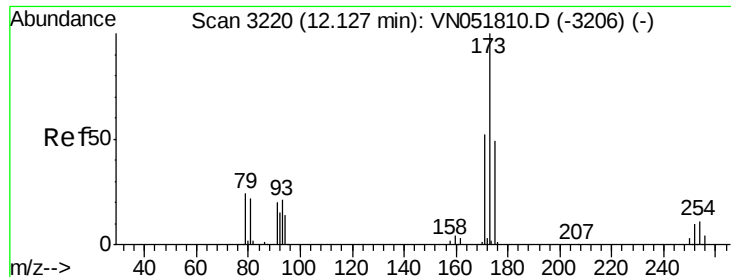
Tgt Ion:106 Resp: 292424
Ion Ratio Lower Upper
106 100
91 207.8 106.5 319.5



#70
Styrene
Concen: 19.119 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion:104 Resp: 442474
Ion Ratio Lower Upper
104 100
78 47.6 38.2 57.4
103 55.3 44.4 66.6

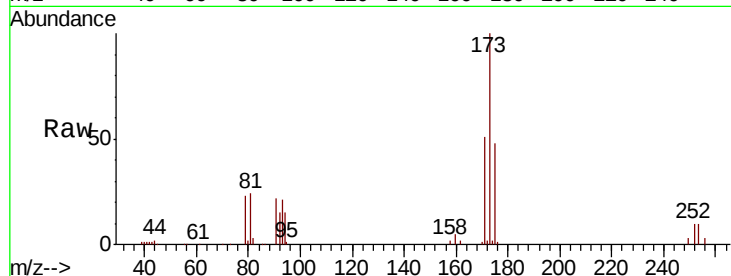




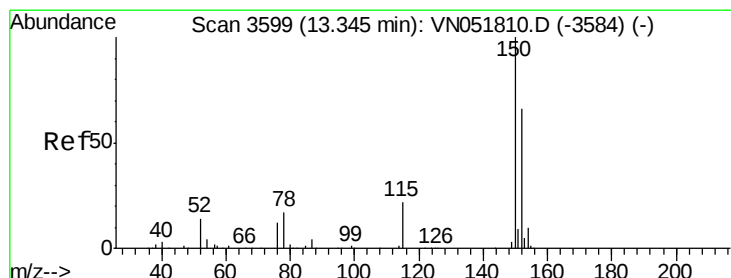
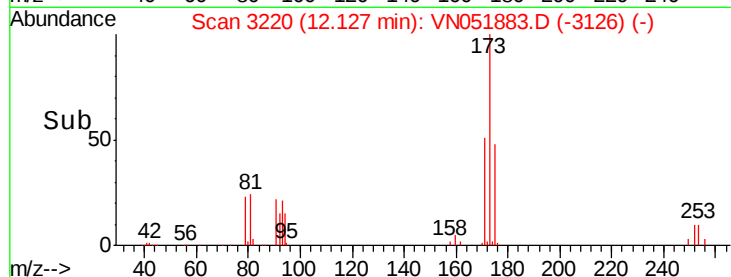
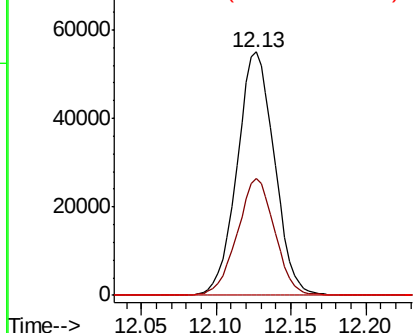
#71
Bromoform
Concen: 16.358 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

Tgt Ion:173 Resp: 95438
Ion Ratio Lower Upper
173 100
175 48.2 24.4 73.4
254 0.0 0.1 0.1#

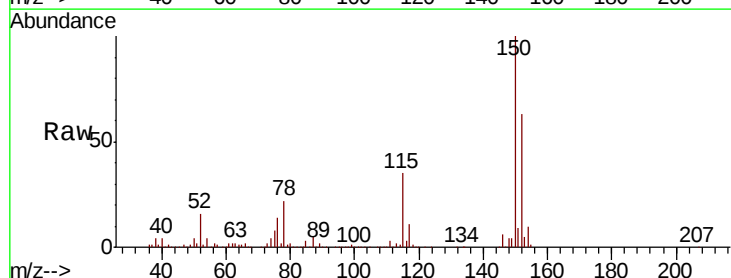


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

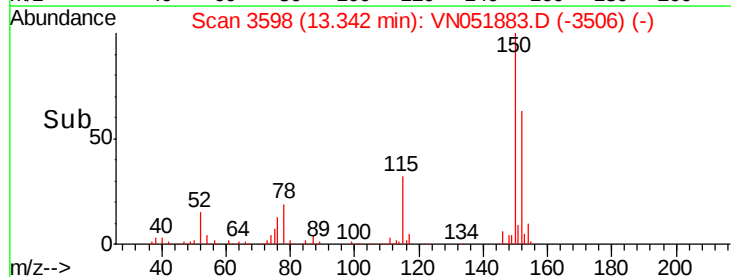
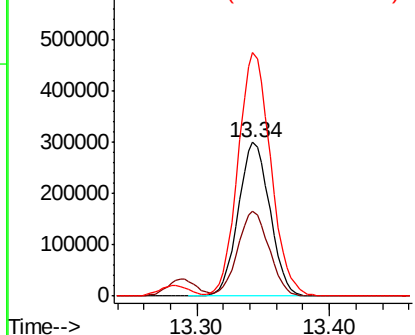


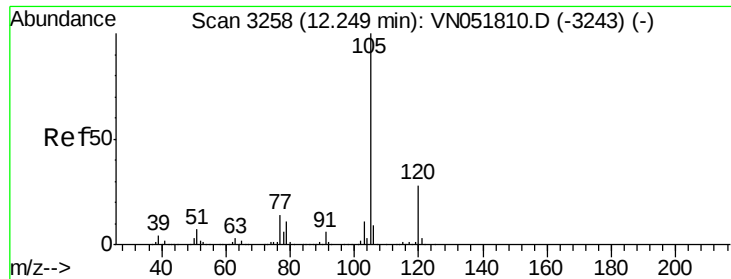
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion:152 Resp: 496168
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 163.4 0.0 351.4



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





#73

Isopropylbenzene

Concen: 20.321 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

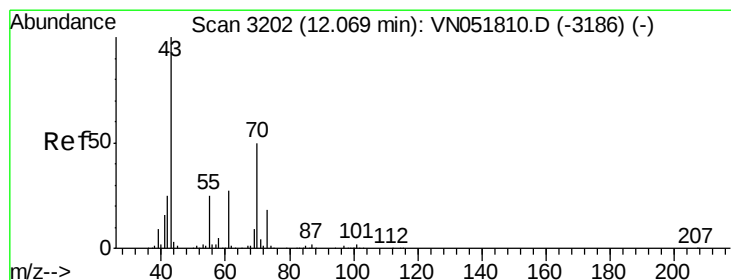
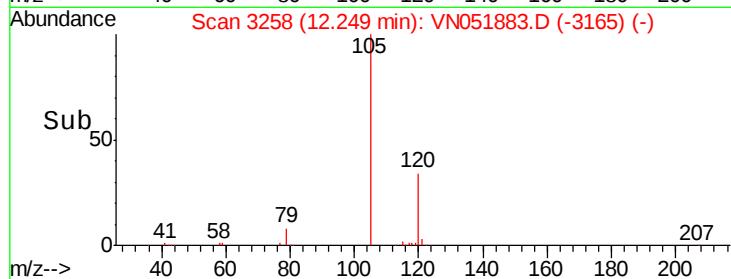
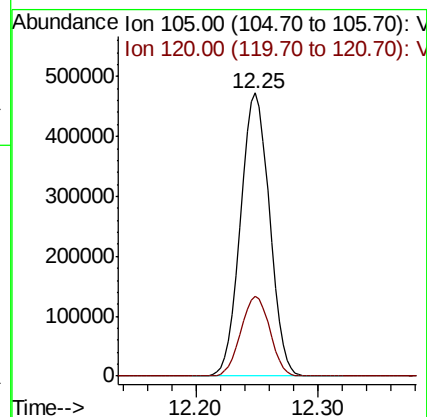
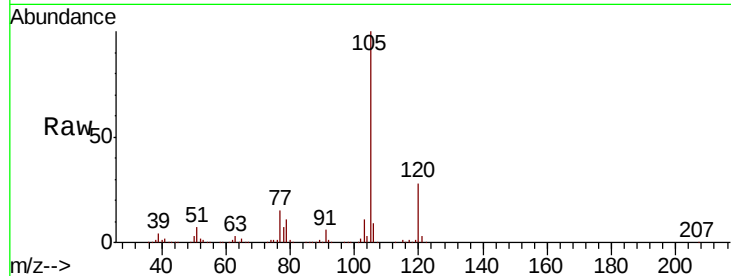
VN1016WBS01

Tgt Ion: 105 Resp: 776921

Ion Ratio Lower Upper

105 100

120 28.2 13.5 40.4



#74

N-ethyl acetate

Concen: 16.700 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Tgt Ion: 43 Resp: 126624

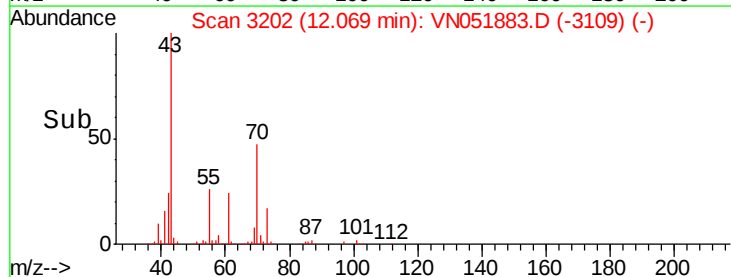
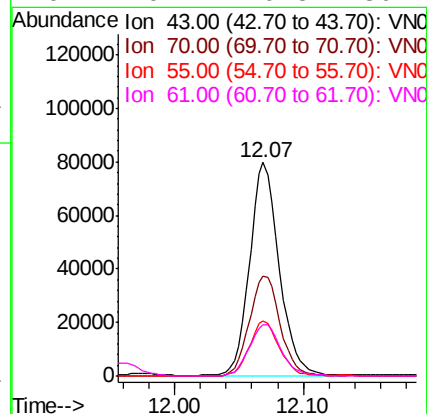
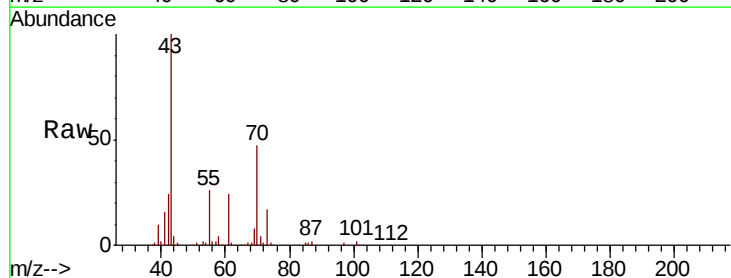
Ion Ratio Lower Upper

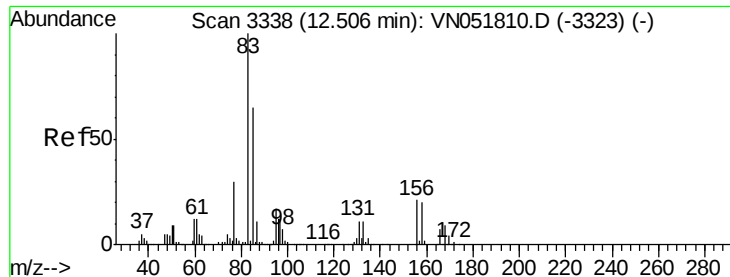
43 100

70 49.1 36.2 54.2

55 26.1 21.8 32.8

61 26.4 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.513 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

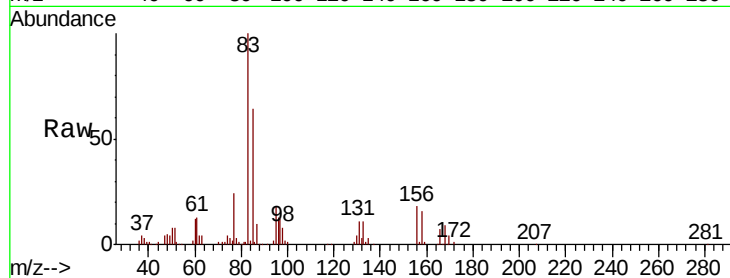
Tgt Ion: 83 Resp: 155469

Ion Ratio Lower Upper

83 100

131 11.7 5.3 15.9

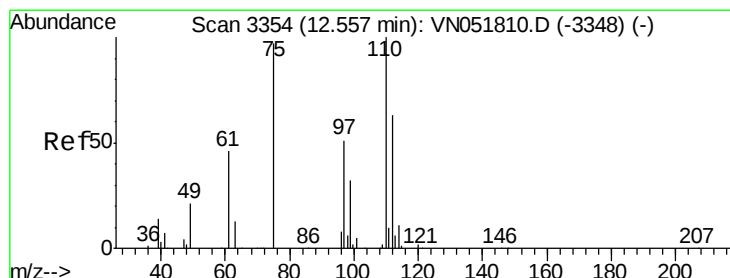
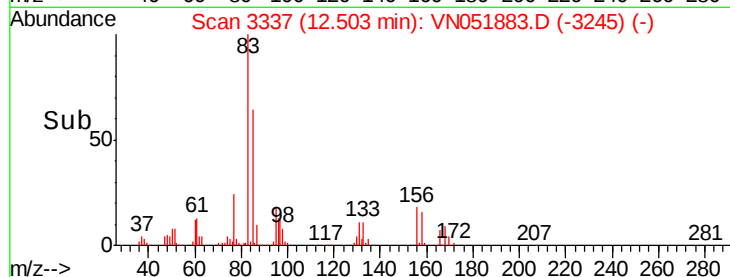
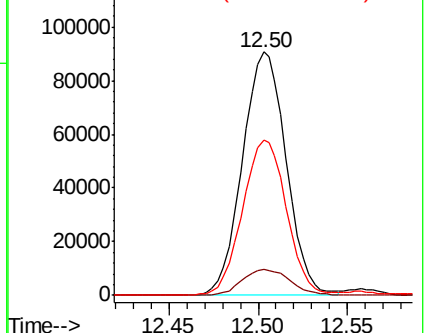
85 64.0 31.9 95.7



Abundance Ion 82.90 (82.60 to 83.60): VN051810.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN051810.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN051810.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 29.094 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN051883.D

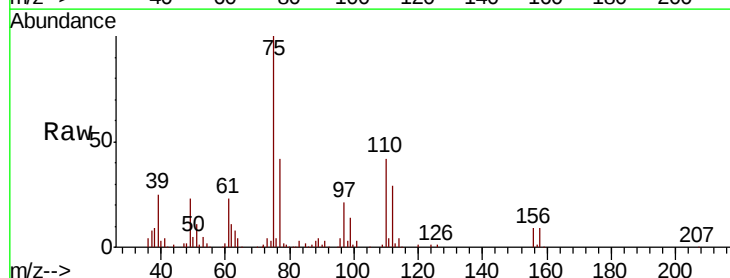
Acq: 16 Oct 2018 9:57

Tgt Ion: 75 Resp: 179242

Ion Ratio Lower Upper

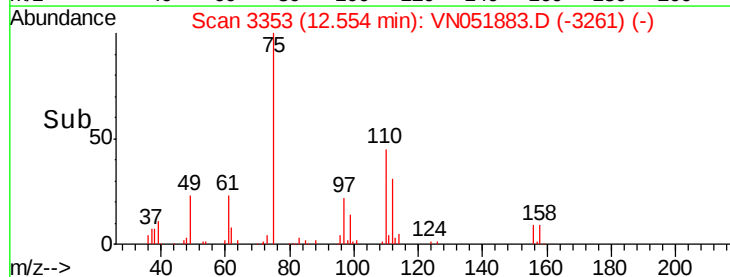
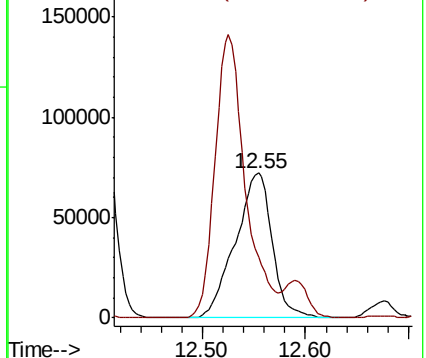
75 100

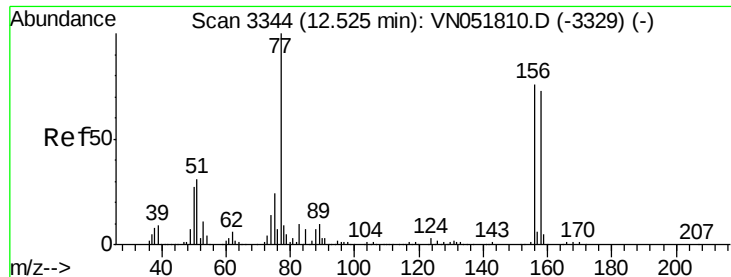
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051810.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN051810.D (-3348) (-)





#77

Bromobenzene

Concen: 20.053 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

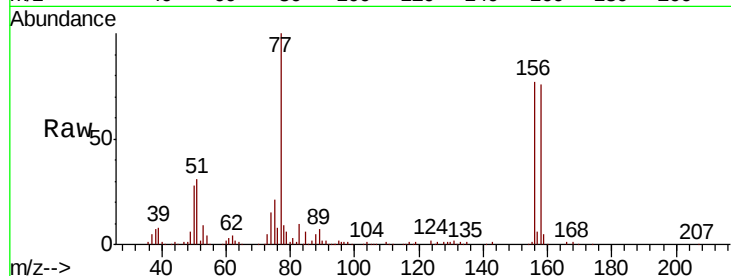
Tgt Ion:156 Resp: 191162

Ion Ratio Lower Upper

156 100

77 151.6 89.9 269.7

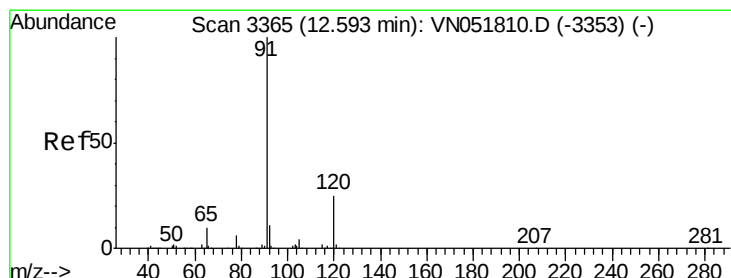
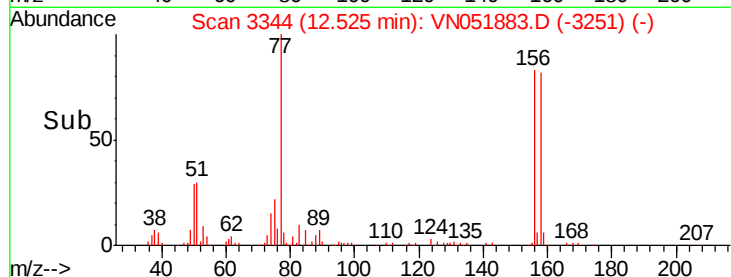
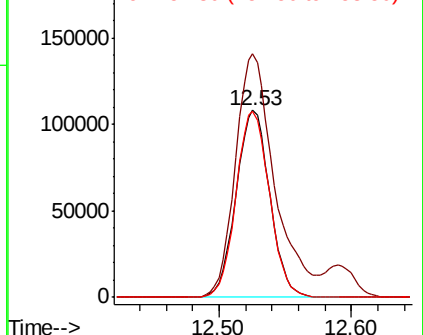
158 98.6 49.3 147.9



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: 20.637 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN051883.D

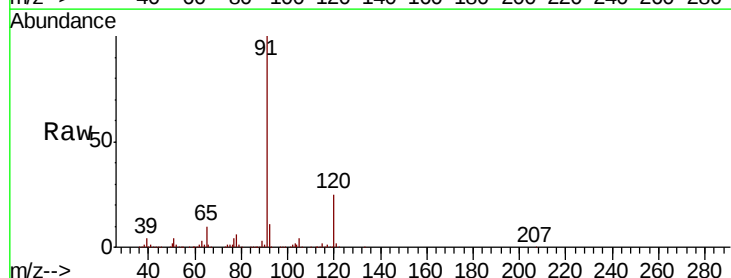
Acq: 16 Oct 2018 9:57

Tgt Ion: 91 Resp: 826258

Ion Ratio Lower Upper

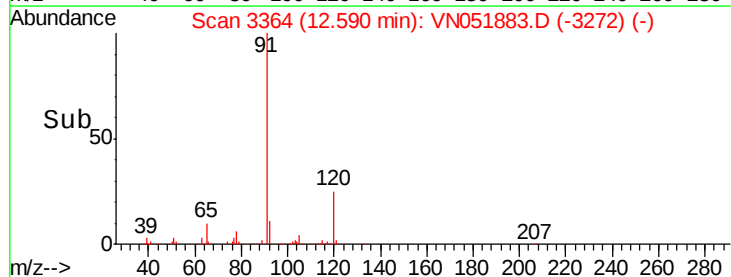
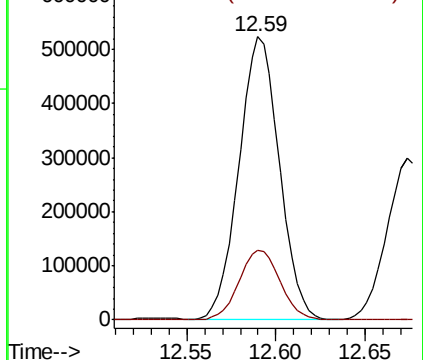
91 100

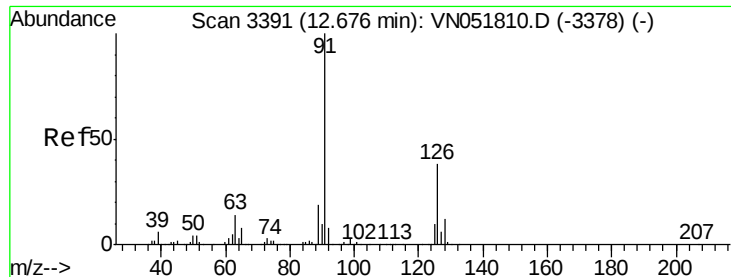
120 25.0 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.375 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

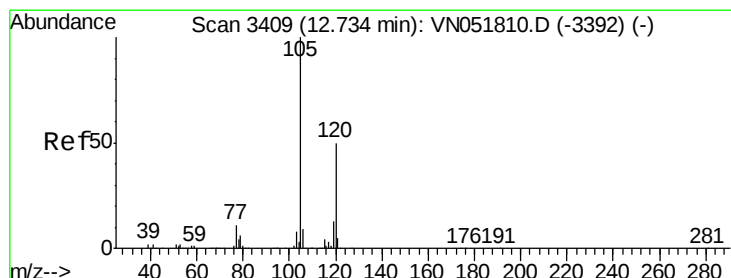
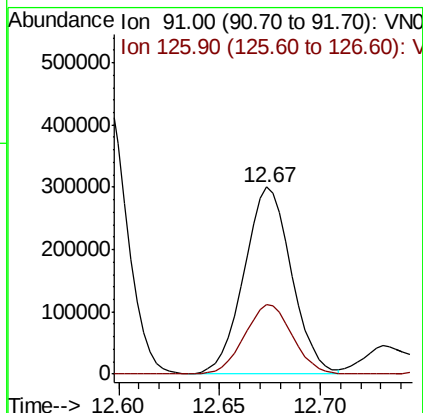
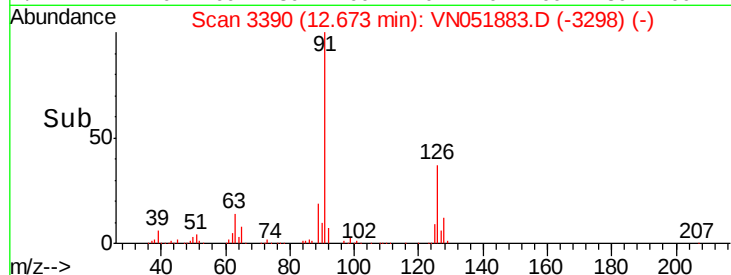
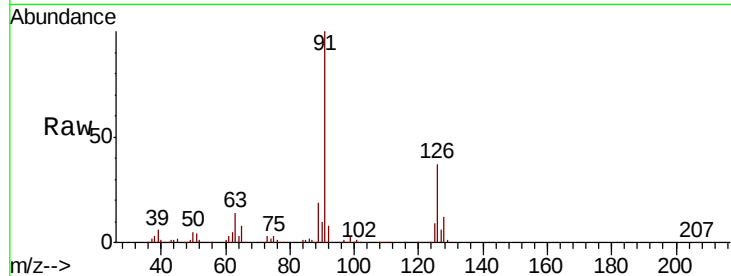
VN1016WBS01

Tgt Ion: 91 Resp: 491406

Ion Ratio Lower Upper

91 100

126 37.8 17.8 53.3



#80

1,3,5-Trimethylbenzene

Concen: 20.370 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN051883.D

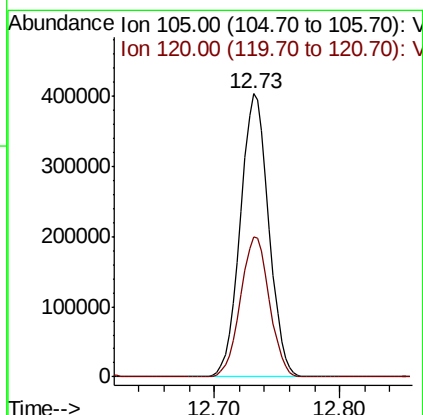
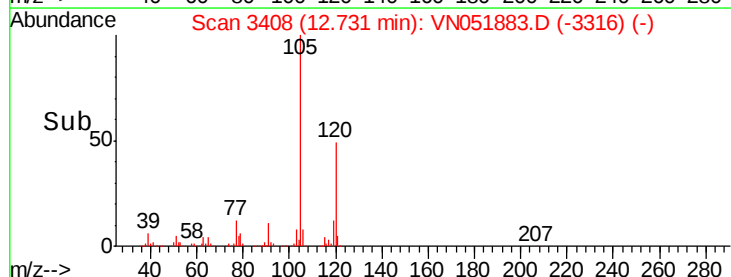
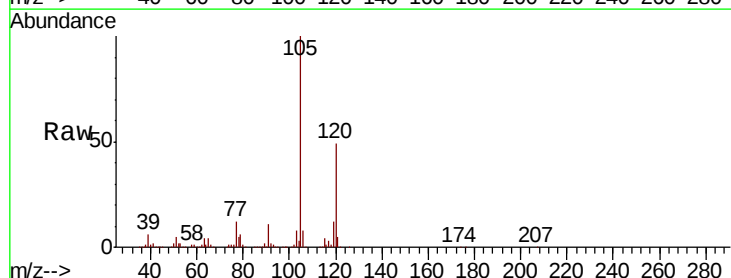
Acq: 16 Oct 2018 9:57

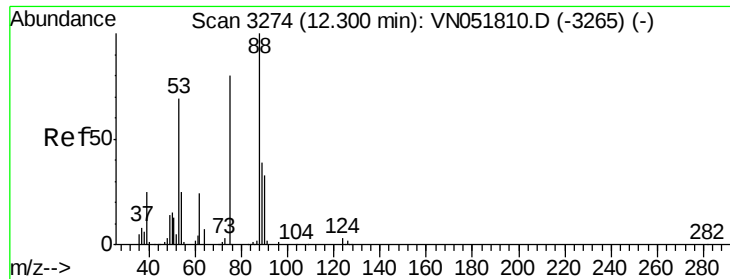
Tgt Ion: 105 Resp: 634619

Ion Ratio Lower Upper

105 100

120 50.4 24.6 74.0

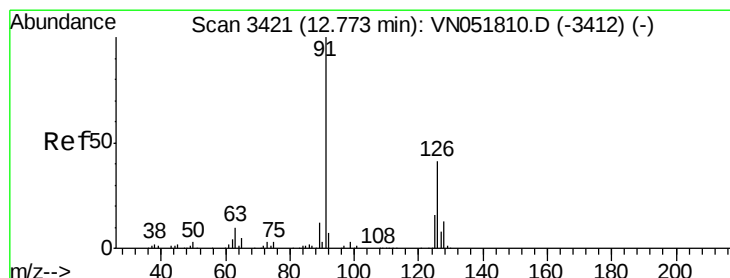
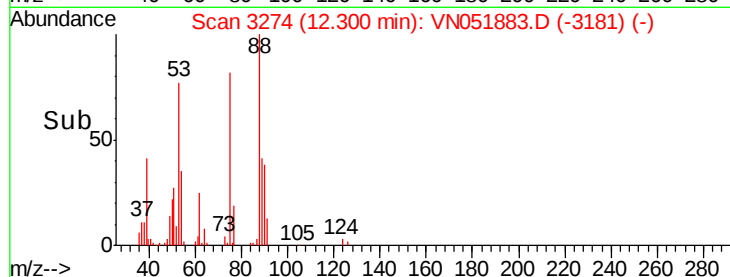
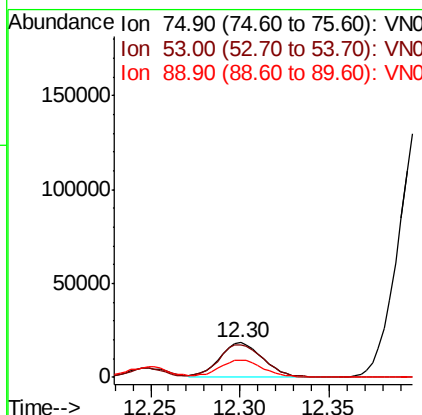
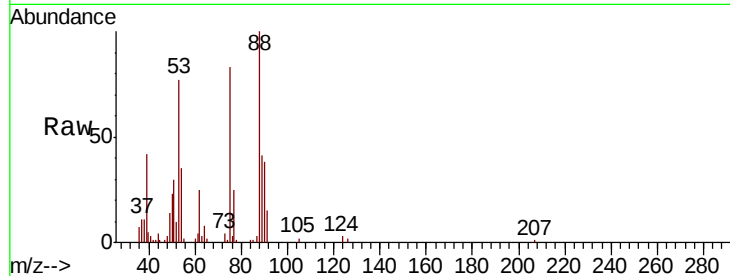




#81
trans-1,4-Dichloro-2-butene
Concen: 14.593 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

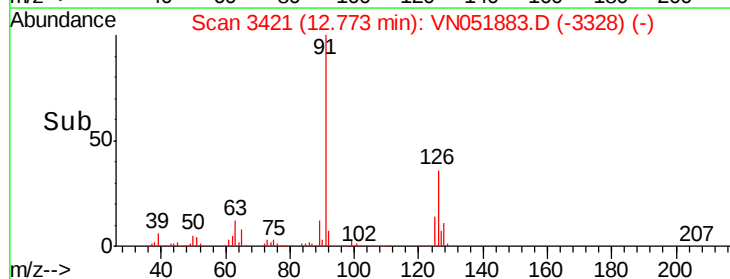
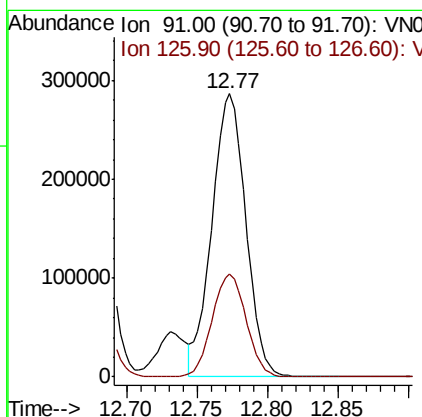
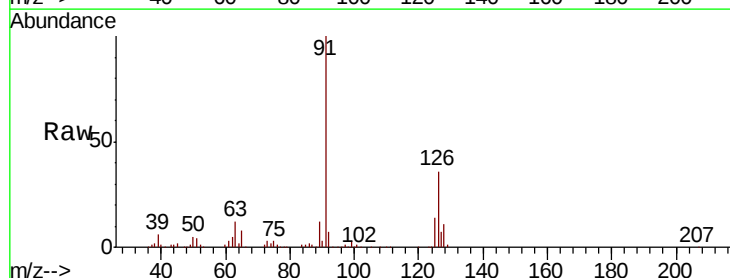
Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

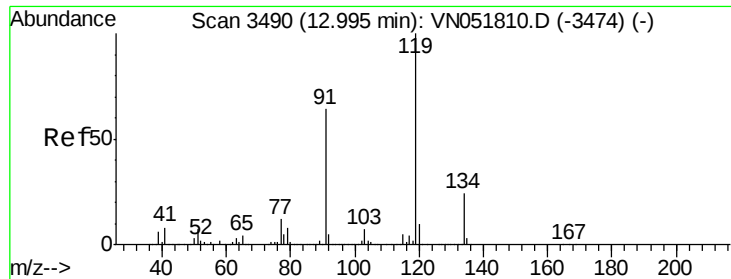
Tgt Ion: 75 Resp: 31442
Ion Ratio Lower Upper
75 100
53 98.6 68.9 103.3
89 49.2 36.1 54.1



#82
4-Chlorotoluene
Concen: 20.602 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. 0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion: 91 Resp: 477461
Ion Ratio Lower Upper
91 100
126 36.6 17.5 52.5

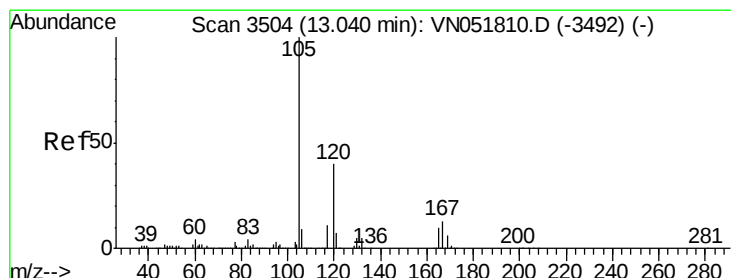
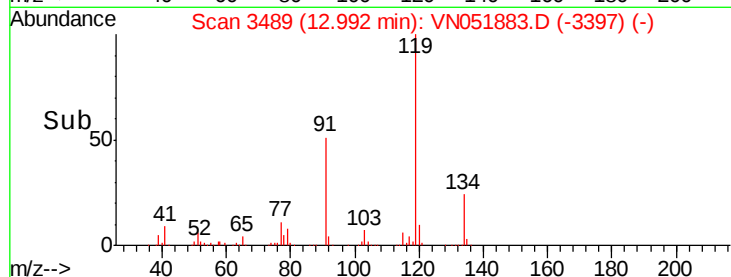
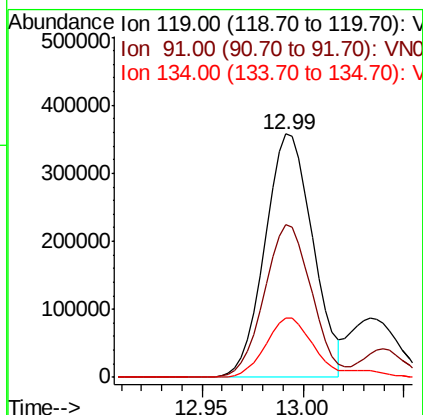
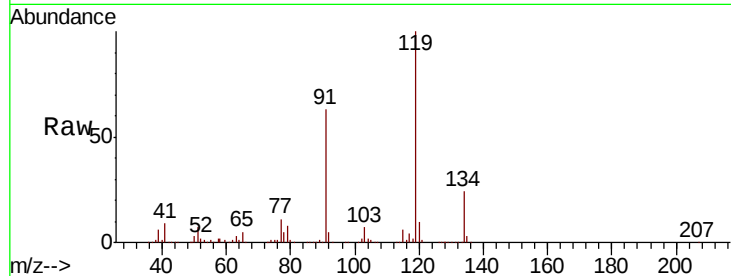




#83
 tert-Butylbenzene
 Concen: 20.383 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. -0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

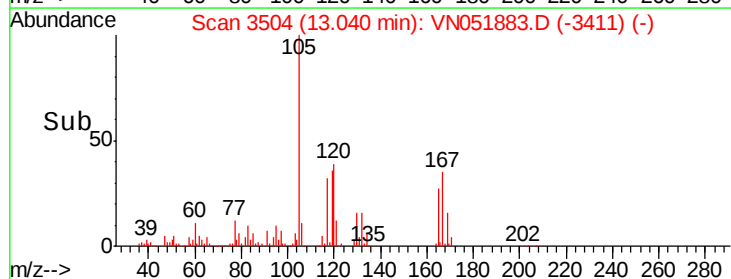
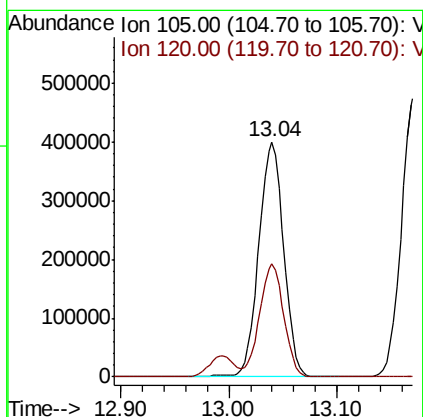
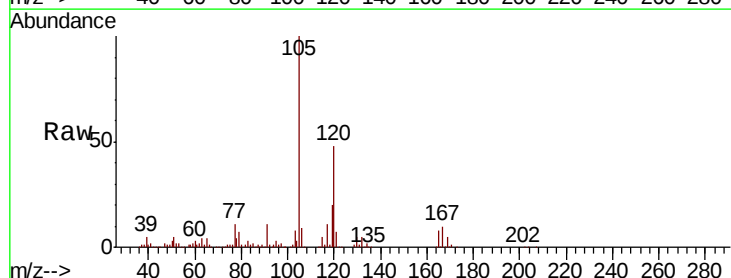
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

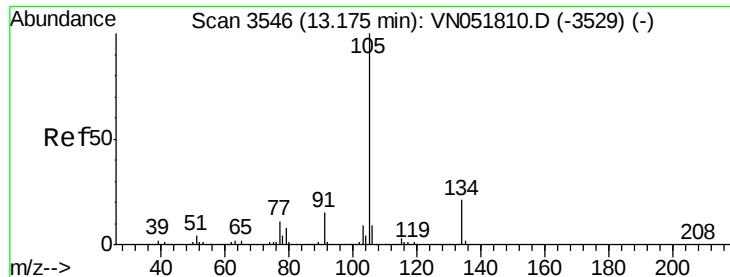
Tgt Ion:119 Resp: 588940
 Ion Ratio Lower Upper
 119 100
 91 62.0 31.6 94.7
 134 26.4 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.619 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

Tgt Ion:105 Resp: 639581
 Ion Ratio Lower Upper
 105 100
 120 46.7 22.9 68.8





#85

sec-Butylbenzene

Concen: 20.481 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

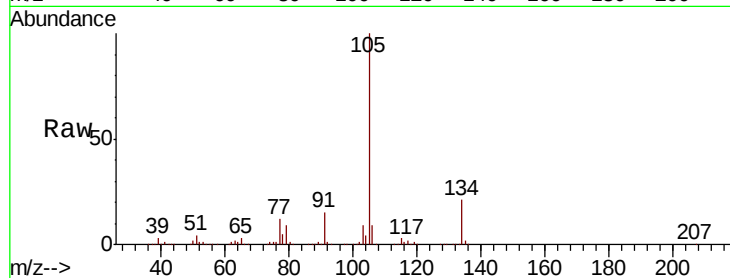
VN1016WBS01

Tgt Ion:105 Resp: 766633

Ion Ratio Lower Upper

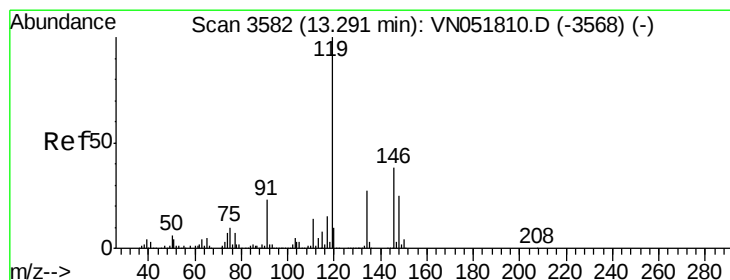
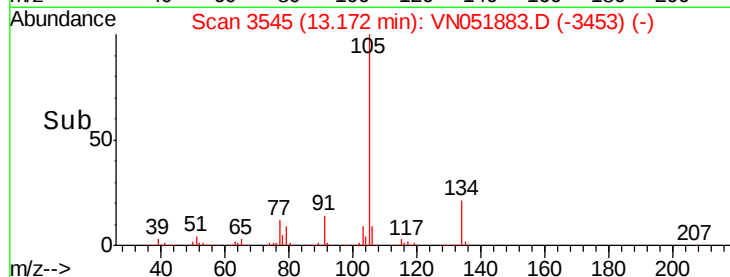
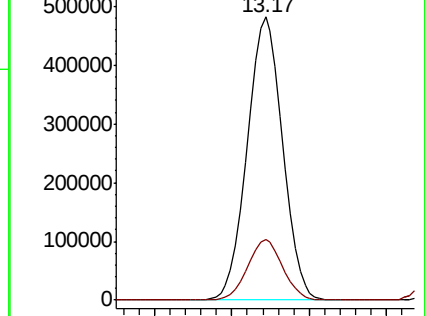
105 100

134 21.3 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.302 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

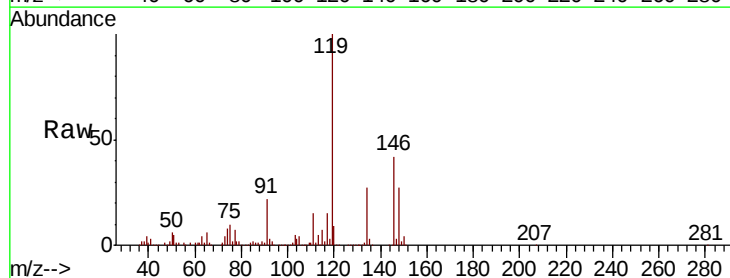
Tgt Ion:119 Resp: 668325

Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

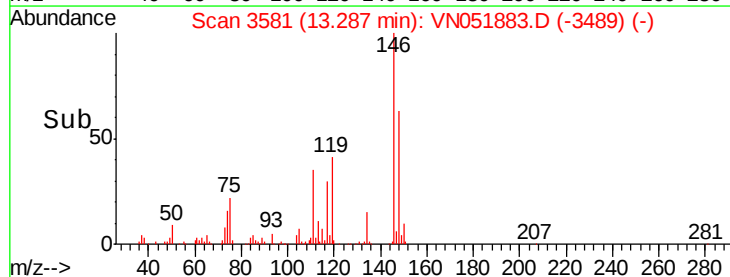
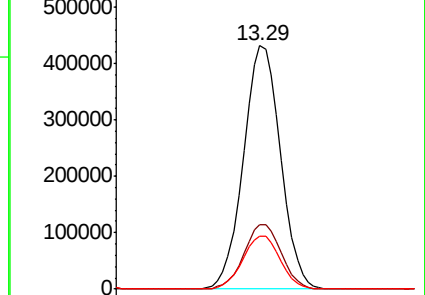
91 22.1 11.2 33.5

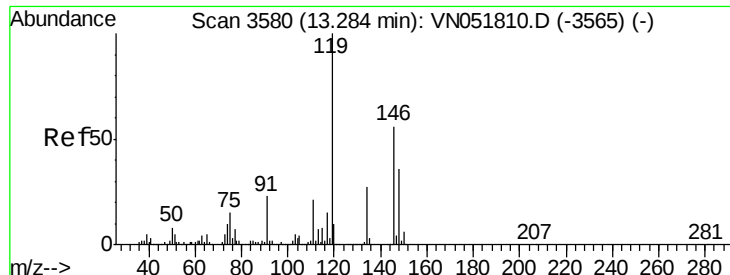


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

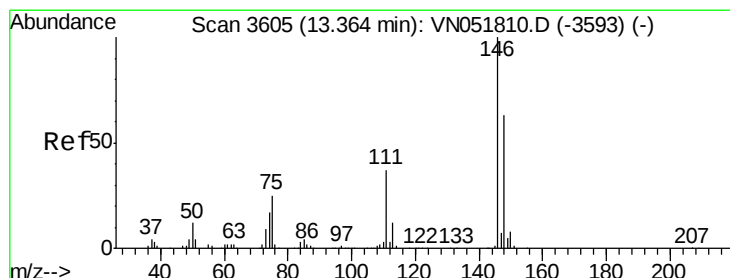
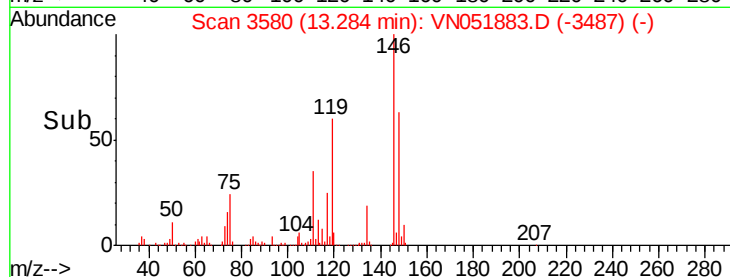
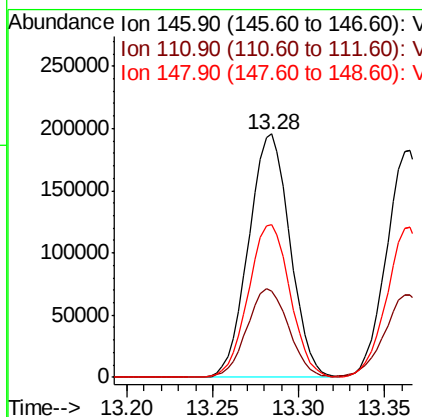
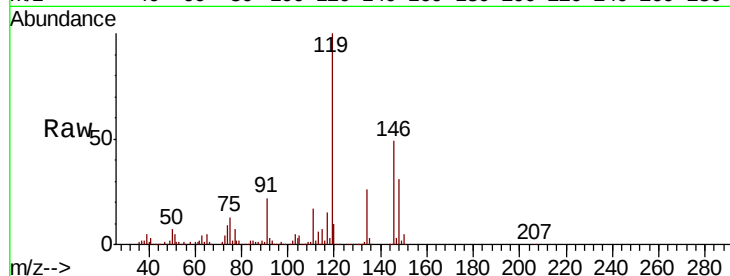




#87
 1,3-Dichlorobenzene
 Concen: 20.069 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

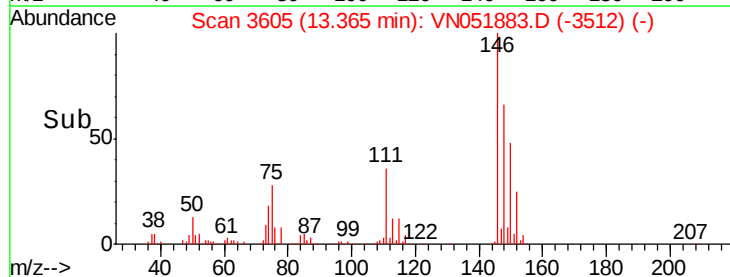
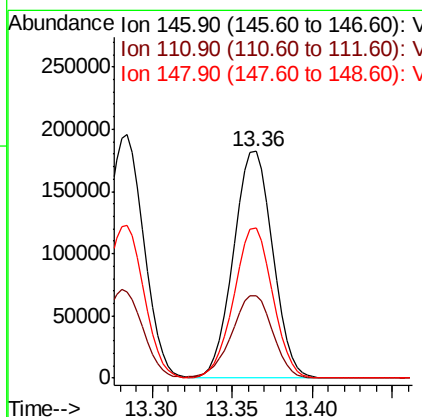
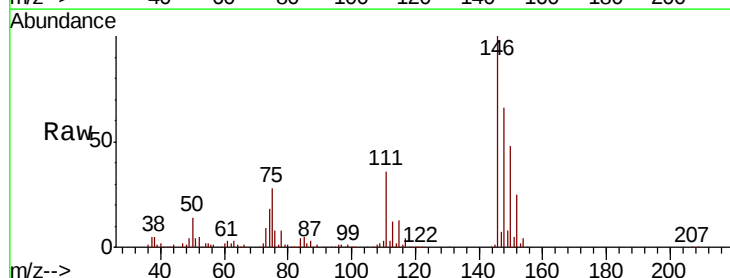
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

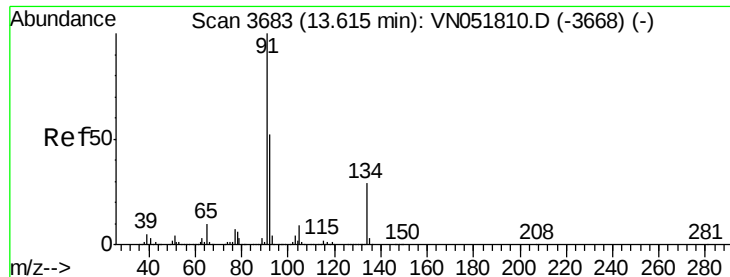
Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.1	57.3
148	63.2	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.243 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.3
148	65.6	32.2	96.6





#89

n-Butylbenzene

Concen: 19.806 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

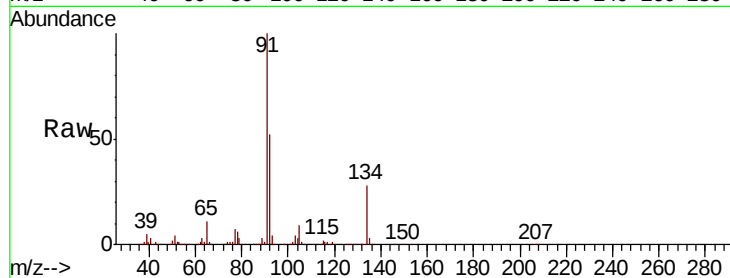
Tgt Ion: 91 Resp: 484713

Ion Ratio Lower Upper

91 100

92 51.5 26.1 78.2

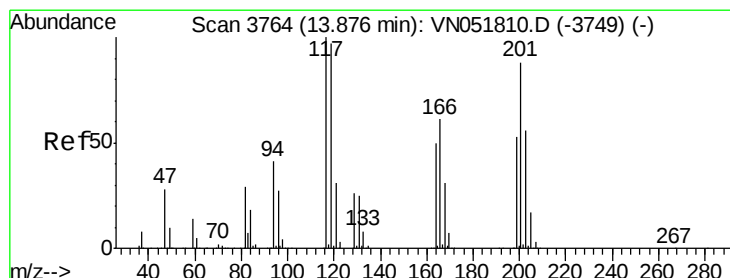
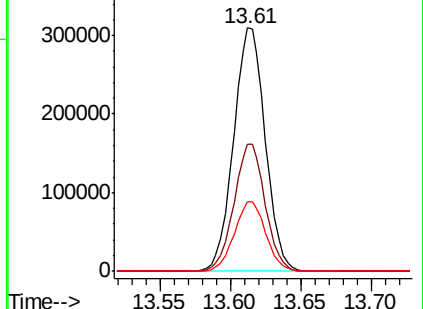
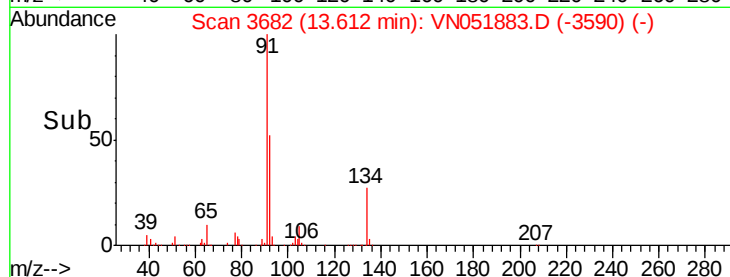
134 28.5 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VN051810.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN051810.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN051810.D (-3668) (-)



#90

Hexachloroethane

Concen: 17.849 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN051883.D

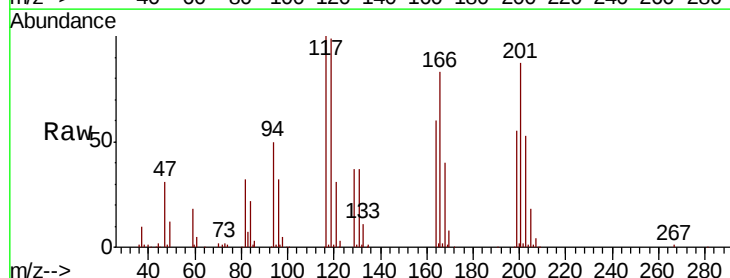
Acq: 16 Oct 2018 9:57

Tgt Ion: 117 Resp: 106642

Ion Ratio Lower Upper

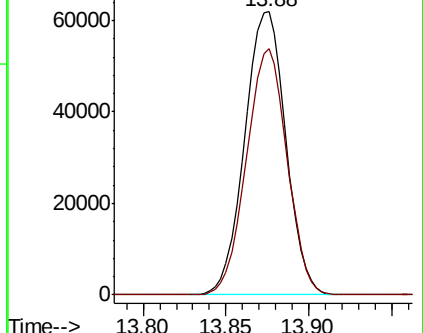
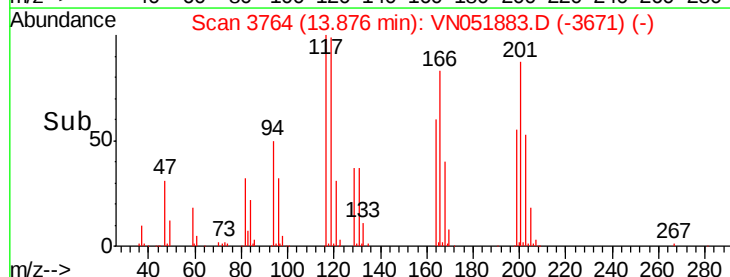
117 100

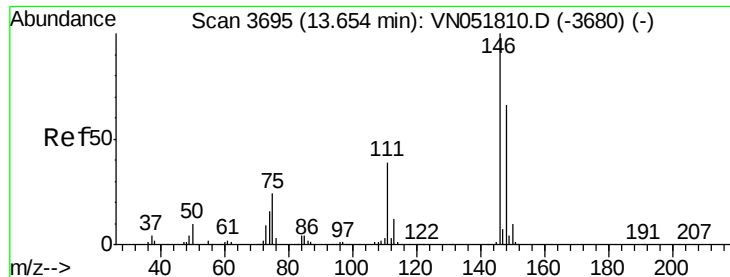
201 85.9 46.0 137.8



Abundance Ion 116.80 (116.50 to 117.50): VN051810.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN051810.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 20.283 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

Instrument :

MSVOA_N

ClientSampleId :

VN1016WBS01

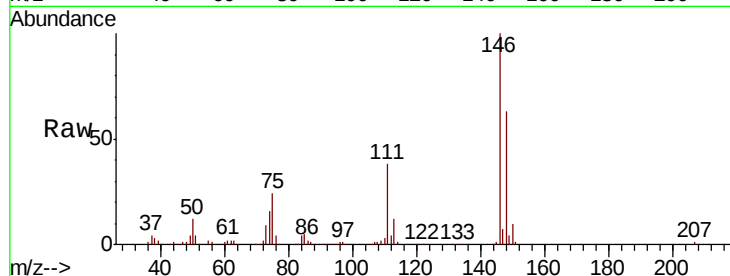
Tgt Ion:146 Resp: 319539

Ion Ratio Lower Upper

146 100

111 38.4 19.8 59.3

148 63.8 32.3 96.8

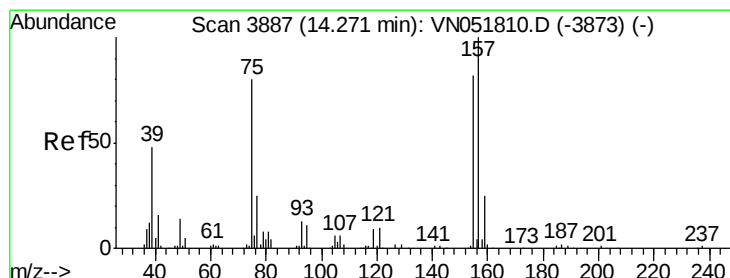
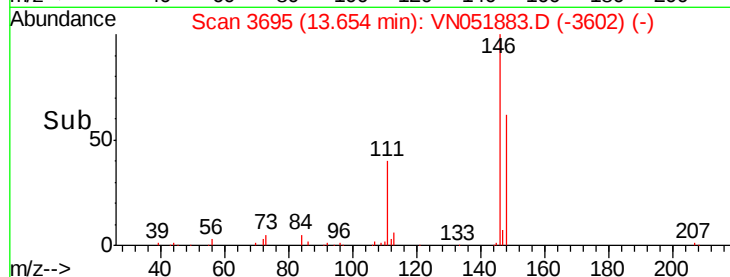
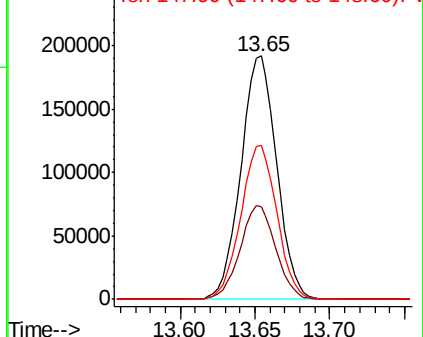


Abundance

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: 16.306 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN051883.D

Acq: 16 Oct 2018 9:57

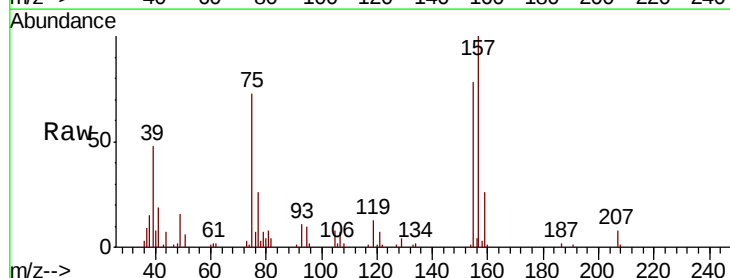
Tgt Ion: 75 Resp: 20159

Ion Ratio Lower Upper

75 100

155 101.8 46.4 139.1

157 131.7 60.7 182.0

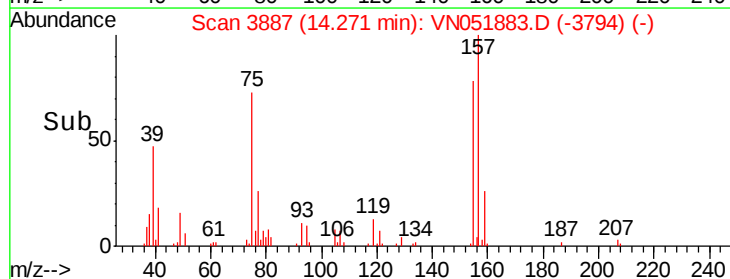
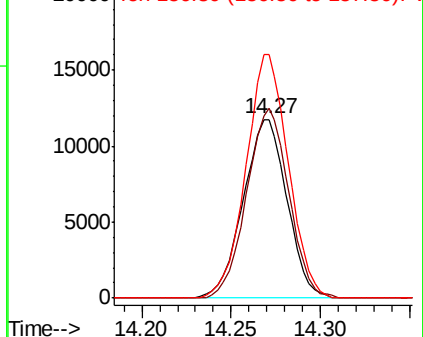


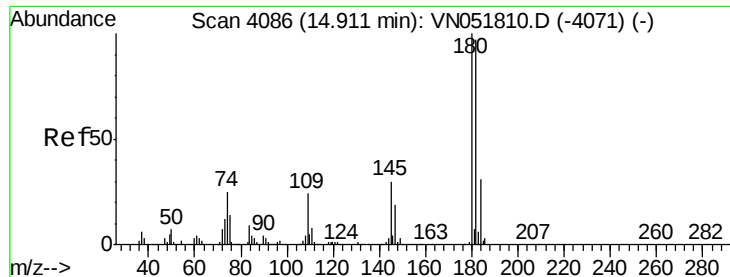
Abundance

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

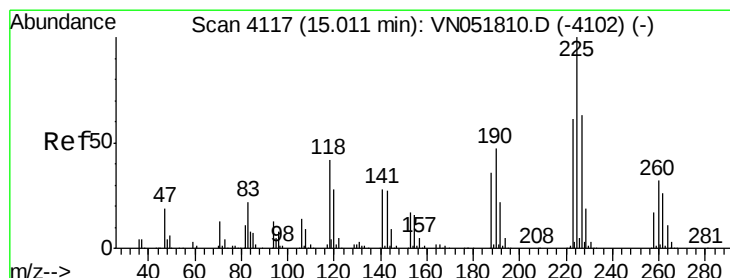
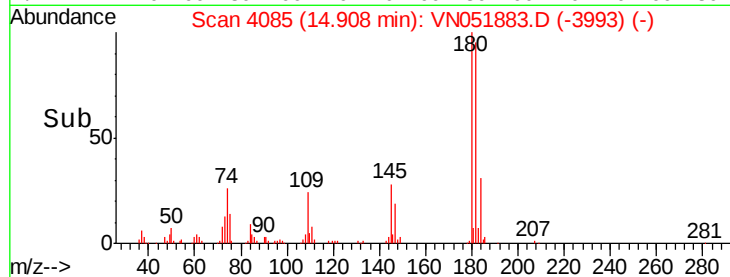
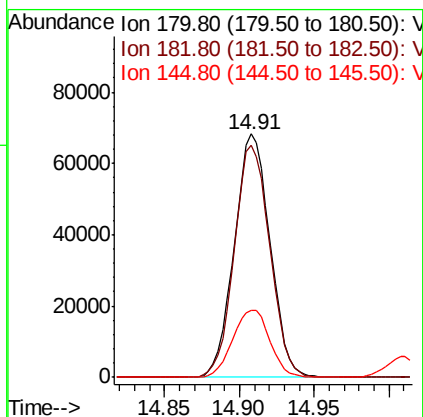
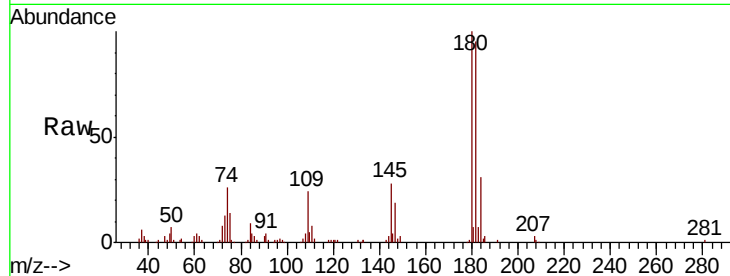




#93
 1,2,4-Trichlorobenzene
 Concen: 16.266 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

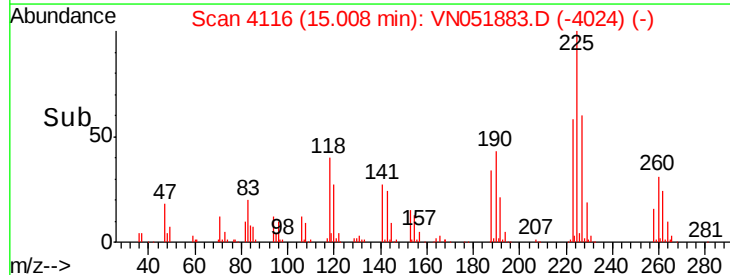
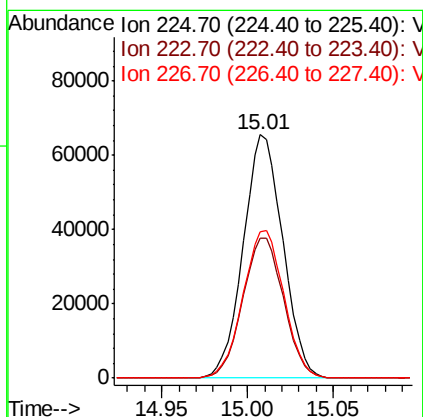
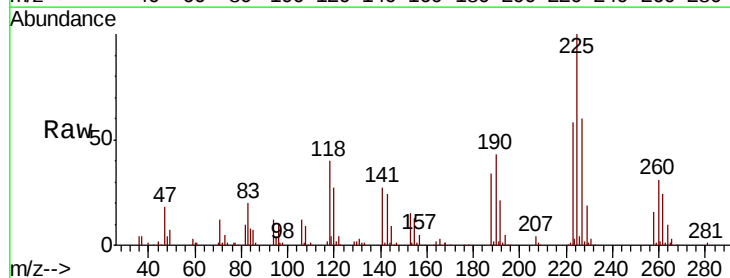
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1016WBS01

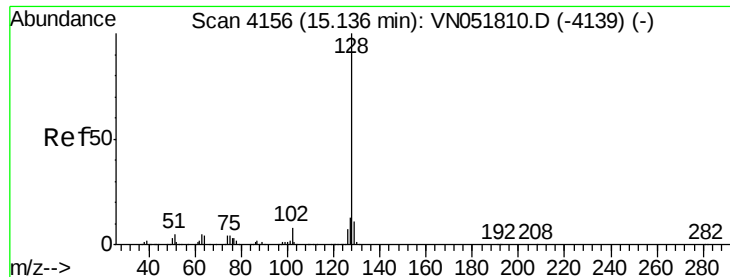
Tgt Ion:180 Resp: 113236
 Ion Ratio Lower Upper
 180 100
 182 95.1 48.2 144.6
 145 28.7 14.1 42.2



#94
 Hexachlorobutadiene
 Concen: 20.608 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN051883.D
 Acq: 16 Oct 2018 9:57

Tgt Ion:225 Resp: 104950
 Ion Ratio Lower Upper
 225 100
 223 59.5 31.3 93.8
 227 62.6 32.0 96.2

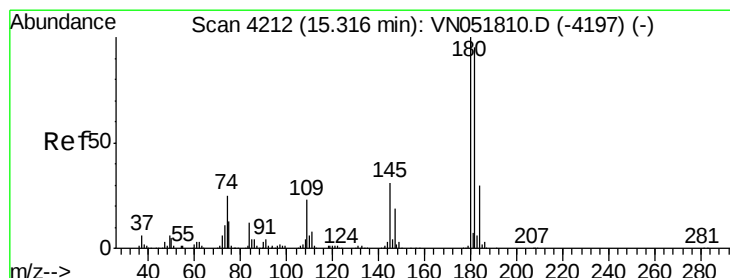
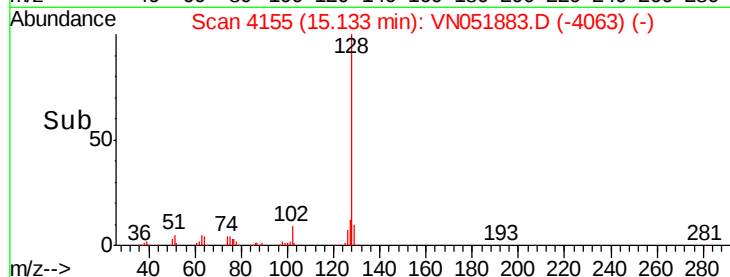
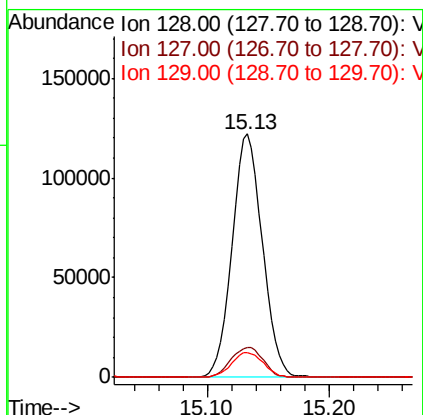
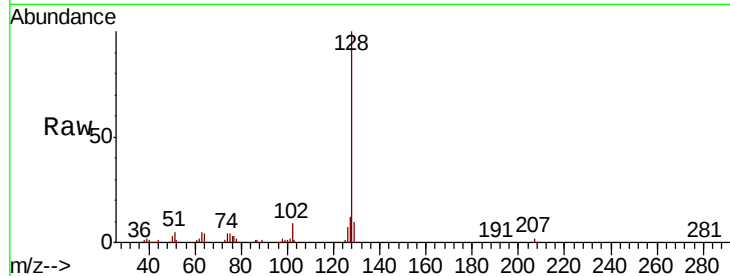




#95
Naphthalene
Concen: 14.877 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Instrument :
MSVOA_N
ClientSampleId :
VN1016WBS01

Tgt Ion:128 Resp: 210045
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.995 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051883.D
Acq: 16 Oct 2018 9:57

Tgt Ion:180 Resp: 121120
Ion Ratio Lower Upper
180 100
182 94.8 48.0 144.2
145 31.4 15.2 45.6

