

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050381.D
 Acq On : 6 Aug 2018 14:04
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN080618

Quant Time: Aug 07 05:45:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	723962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1048873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	975470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	544604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	443117	45.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.62%	
35) Dibromofluoromethane	7.59	113	397641	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
50) Toluene-d8	10.09	98	1537226	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
62) 4-Bromofluorobenzene	12.40	95	539376	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	392981	48.90	ug/l	99
3) Chloromethane	2.06	50	495352	52.23	ug/l	100
4) Vinyl Chloride	2.18	62	501448	48.21	ug/l	98
5) Bromomethane	2.53	94	212240	42.11	ug/l	99
6) Chloroethane	2.68	64	300630	46.90	ug/l	97
7) Trichlorofluoromethane	3.00	101	635898	47.33	ug/l	99
8) Diethyl Ether	3.41	74	237497	48.21	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.75	101	395017	47.58	ug/l	99
10) Methyl Iodide	3.94	142	224757	61.44	ug/l	98
11) Tert butyl alcohol	4.80	59	165979	213.60	ug/l	99
12) 1,1-Dichloroethene	3.73	96	371839	47.51	ug/l	98
13) Acrolein	3.60	56	241328	239.38	ug/l	97
14) Allyl chloride	4.32	41	607621	48.34	ug/l	98
15) Acrylonitrile	4.99	53	752237	231.11	ug/l	99
16) Acetone	3.82	43	628399	217.80	ug/l	100
17) Carbon Disulfide	4.05	76	1151120	45.23	ug/l	100
18) Methyl Acetate	4.33	43	347252	46.31	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1081629	48.69	ug/l	99
20) Methylene Chloride	4.55	84	433193	49.08	ug/l	96
21) trans-1,2-Dichloroethene	5.04	96	397868	46.98	ug/l	100
22) Diisopropyl ether	5.95	45	1271860	49.53	ug/l	100
23) Vinyl Acetate	5.90	43	4473093	244.17	ug/l	100
24) 1,1-Dichloroethane	5.84	63	735166	46.66	ug/l	100
25) 2-Butanone	6.84	43	1076536	224.60	ug/l	98
26) 2,2-Dichloropropane	6.82	77	607411	46.77	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	450785	48.02	ug/l	100
28) Bromochloromethane	7.19	49	358332	49.41	ug/l	100
29) Tetrahydrofuran	7.21	42	574198	223.81	ug/l	99
30) Chloroform	7.37	83	740421	47.01	ug/l	100
31) Cyclohexane	7.65	56	682021	49.17	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	644186	47.62	ug/l	99
36) 1,1-Dichloropropene	7.79	75	579685	50.30	ug/l	99
37) Ethyl Acetate	6.93	43	395310	47.63	ug/l	100
38) Carbon Tetrachloride	7.77	117	568663	47.30	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050381.D
 Acq On : 6 Aug 2018 14:04
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080618

Quant Time: Aug 07 05:45:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	667509	53.06	ug/l	97
40) Benzene	8.04	78	1731427	48.87	ug/l	100
41) Methacrylonitrile	7.17	41	209540	47.48	ug/l #	82
42) 1,2-Dichloroethane	8.12	62	540281	48.03	ug/l	99
43) Isopropyl Acetate	8.17	43	671306	46.86	ug/l #	86
44) Trichloroethene	8.83	130	460916	48.41	ug/l	100
45) 1,2-Dichloropropane	9.12	63	446908	47.98	ug/l	98
46) Dibromomethane	9.21	93	274761	47.77	ug/l	99
47) Bromodichloromethane	9.40	83	569757	47.82	ug/l	100
48) Methyl methacrylate	9.20	41	346678	48.28	ug/l	99
49) 1,4-Dioxane	9.20	88	98414	889.14	ug/l	96
51) 4-Methyl-2-Pentanone	9.99	43	2395524	232.17	ug/l	99
52) Toluene	10.16	92	1079051	50.70	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	607060	50.75	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	682210	51.10	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	394928	47.53	ug/l	98
56) Ethyl methacrylate	10.43	69	533919	45.57	ug/l	99
57) 1,3-Dichloropropane	10.71	76	669883	49.12	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	1272880	232.78	ug/l	99
59) 2-Hexanone	10.75	43	1673934	232.47	ug/l	98
60) Dibromochloromethane	10.90	129	442224	48.31	ug/l	98
61) 1,2-Dibromoethane	11.01	107	403294	49.24	ug/l	100
64) Tetrachloroethene	10.63	164	462491	50.74	ug/l	98
65) Chlorobenzene	11.43	112	1193536	48.80	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	431673	48.50	ug/l	99
67) Ethyl Benzene	11.51	91	2073792	52.46	ug/l	99
68) m/p-Xylenes	11.62	106	1617835	107.50	ug/l	99
69) o-Xylene	11.95	106	780497	53.84	ug/l	97
70) Styrene	11.96	104	1275195	54.09	ug/l	100
71) Bromoform	12.13	173	315571	48.51	ug/l #	98
73) Isopropylbenzene	12.25	105	2063854	50.48	ug/l	100
74) N-amyl acetate	12.07	43	610494	46.07	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	520448	44.13	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	635227	64.44	ug/l #	100
77) Bromobenzene	12.53	156	534163	48.77	ug/l	99
78) n-propylbenzene	12.59	91	2405042	51.97	ug/l	100
79) 2-Chlorotoluene	12.68	91	1422526	49.77	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1747544	52.66	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	137361	48.96	ug/l	98
82) 4-Chlorotoluene	12.77	91	1475747	51.78	ug/l	100
83) tert-Butylbenzene	12.99	119	1497354	51.72	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1794444	53.38	ug/l	99
85) sec-Butylbenzene	13.17	105	2003366	51.92	ug/l	100
86) p-Isopropyltoluene	13.29	119	1779449	53.81	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	975380	50.00	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	962716	49.42	ug/l	100
89) n-Butylbenzene	13.62	91	1505294	53.47	ug/l	99
90) Hexachloroethane	13.88	117	270974	46.08	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	952010	48.69	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	82747	41.32	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
Data File : VN050381.D
Acq On : 6 Aug 2018 14:04
Operator : MD\SY
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080618

Quant Time: Aug 07 05:45:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
Response via : Initial Calibration

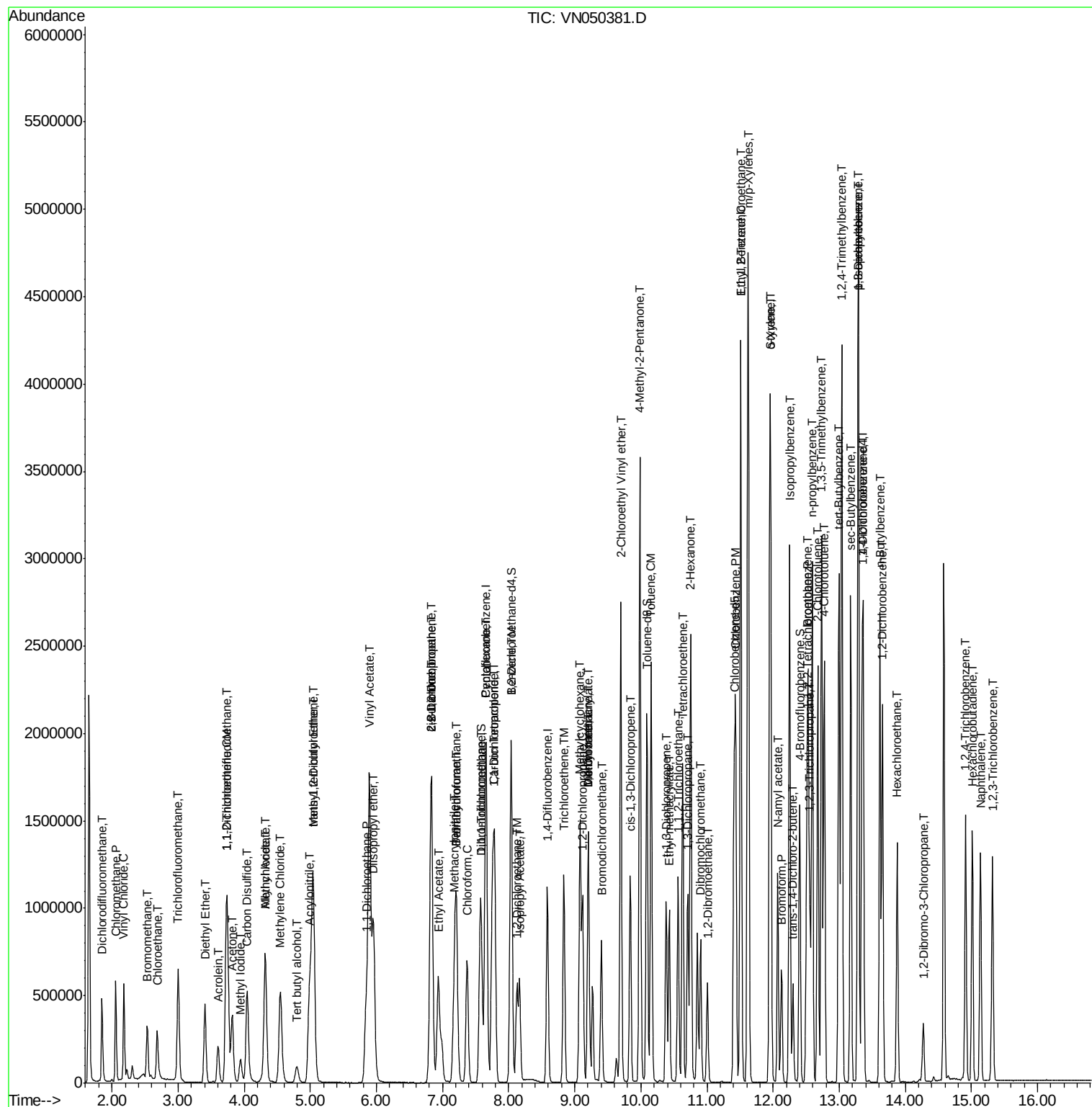
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	526480	52.86	ug/l	99
94) Hexachlorobutadiene	15.01	225	303724	56.03	ug/l	99
95) Naphthalene	15.14	128	1145261	43.91	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	483121	47.98	ug/l	99

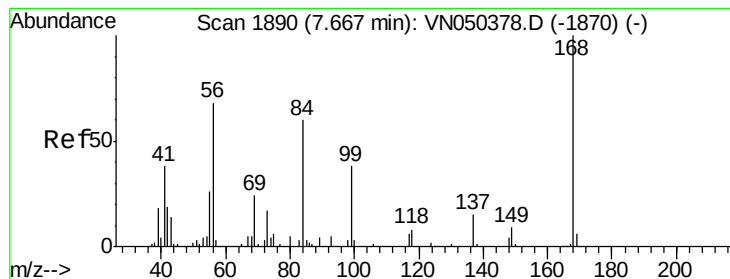
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050381.D
 Acq On : 6 Aug 2018 14:04
 Operator : MD\SY
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080618

Quant Time: Aug 07 05:45:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.66 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

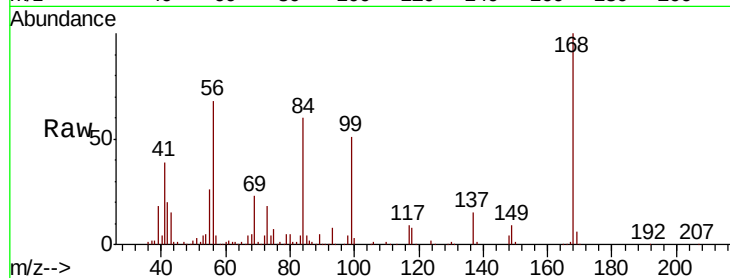
ICVFN080618

Tot Ion:168 Resp: 723962

Ion Ratio Lower Upper

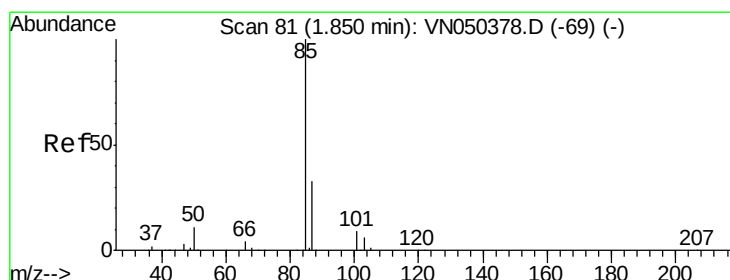
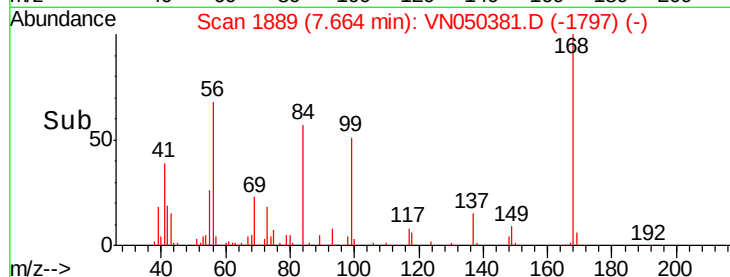
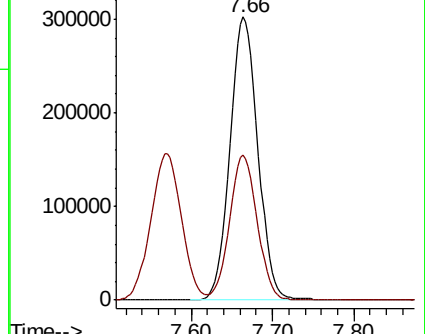
168 100

99 51.1 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.90 ug/l

RT: 1.85 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN050381.D

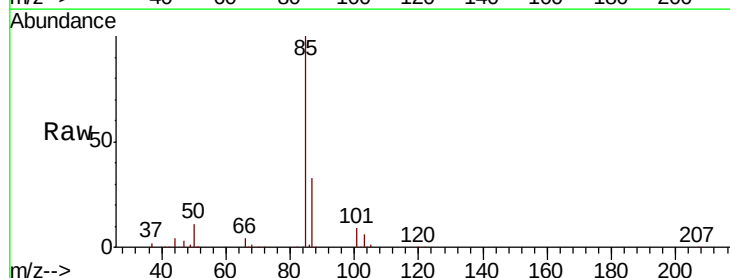
Acq: 6 Aug 2018 14:04

Tgt Ion: 85 Resp: 392981

Ion Ratio Lower Upper

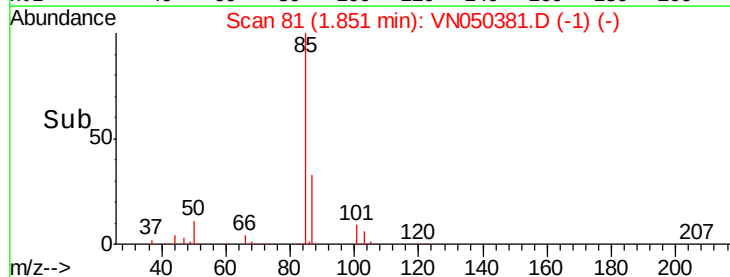
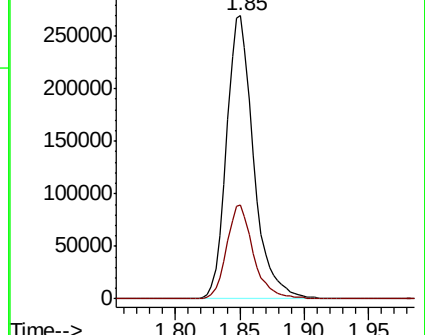
85 100

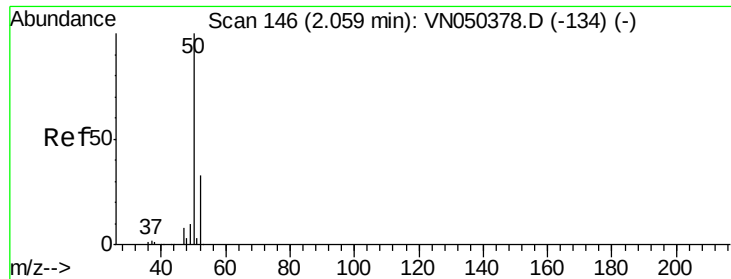
87 33.0 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 52.23 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

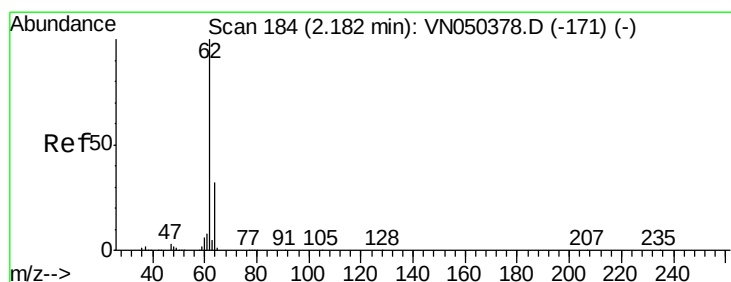
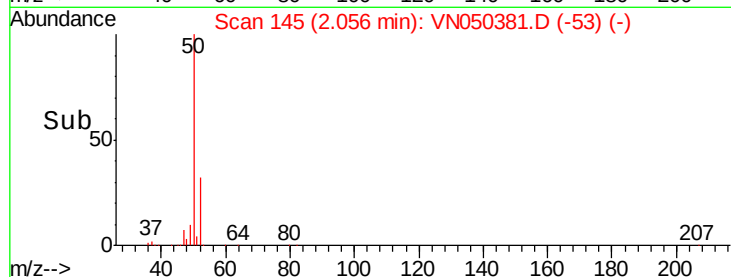
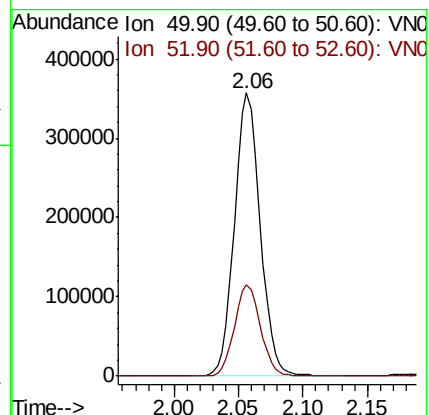
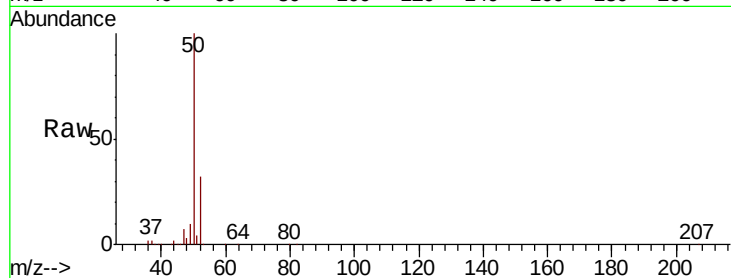
ICVFN080618

Tot Ion: 50 Resp: 495352

Ion Ratio Lower Upper

50 100

52 32.3 25.9 38.9



#4

Vinyl Chloride

Concen: 48.21 ug/l

RT: 2.18 min Scan# 183

Delta R.T. -0.00 min

Lab File: VN050381.D

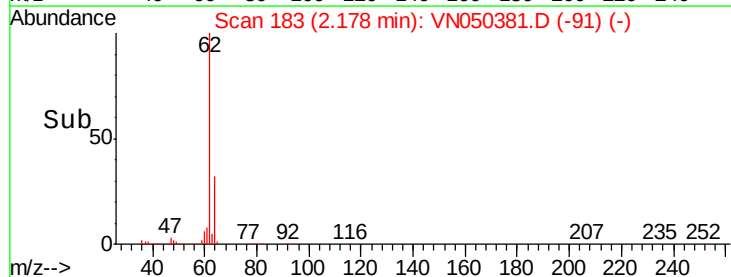
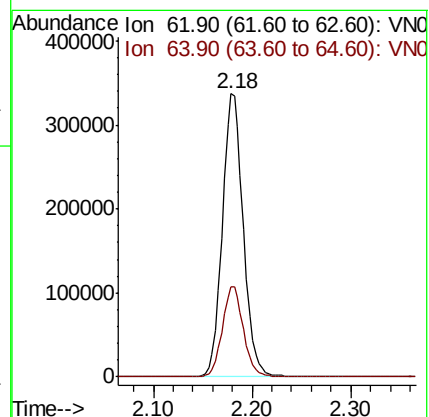
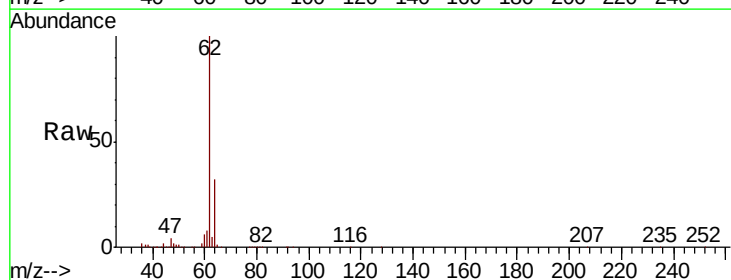
Acq: 6 Aug 2018 14:04

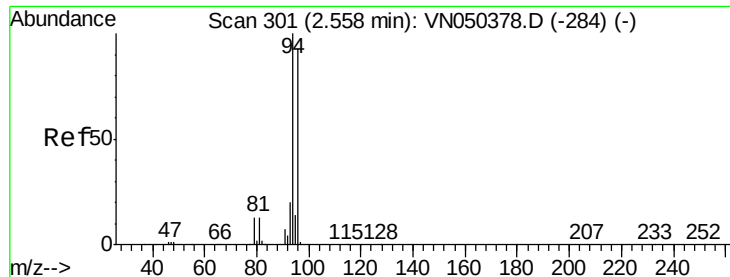
Tgt Ion: 62 Resp: 501448

Ion Ratio Lower Upper

62 100

64 31.7 24.7 37.1





#5

Bromomethane

Concen: 42.11 ug/l

RT: 2.53 min Scan# 293

Delta R.T. -0.02 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

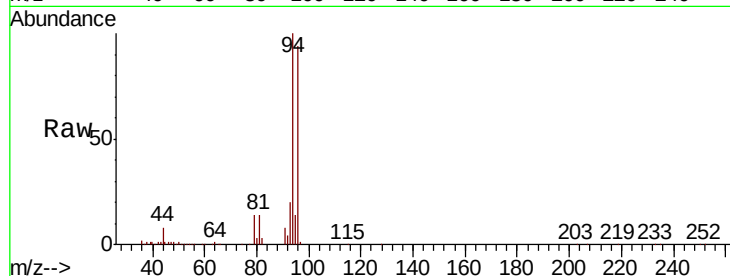
ICVVN080618

Tot Ion: 94 Resp: 212240

Ion Ratio Lower Upper

94 100

96 94.1 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

120000

100000

80000

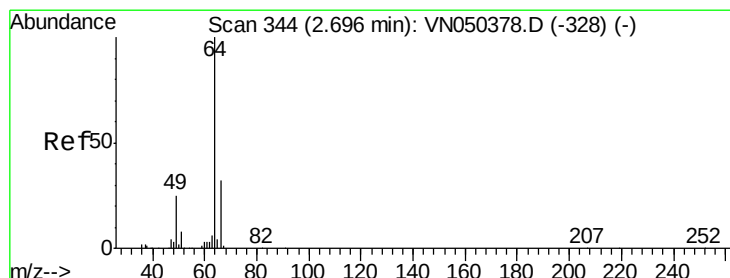
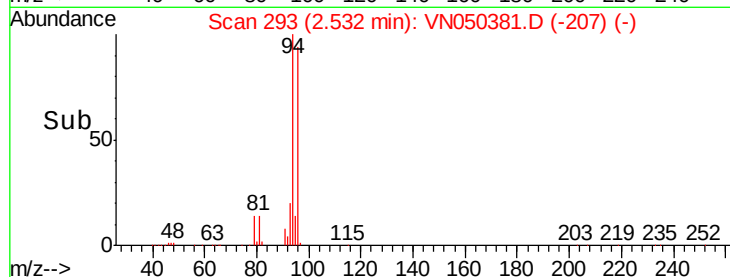
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 46.90 ug/l

RT: 2.68 min Scan# 340

Delta R.T. -0.01 min

Lab File: VN050381.D

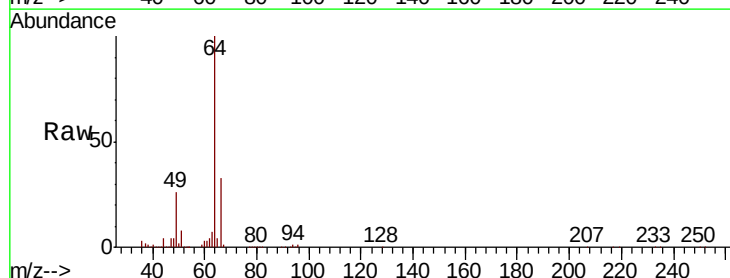
Acq: 6 Aug 2018 14:04

Tgt Ion: 64 Resp: 300630

Ion Ratio Lower Upper

64 100

66 33.1 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

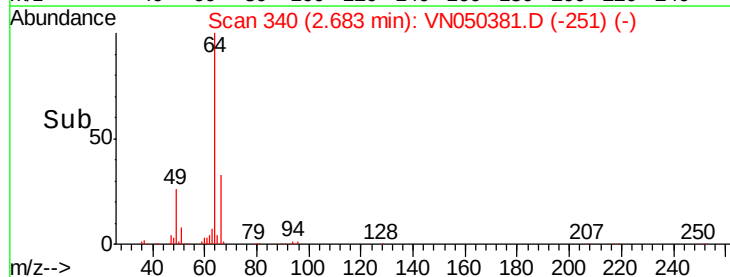
150000

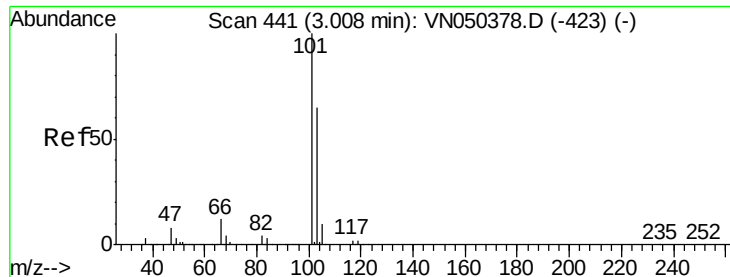
100000

50000

0

Time-->





#7

Trichlorofluoromethane

Concen: 47.33 ug/l

RT: 3.00 min Scan# 439

Delta R.T. -0.01 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

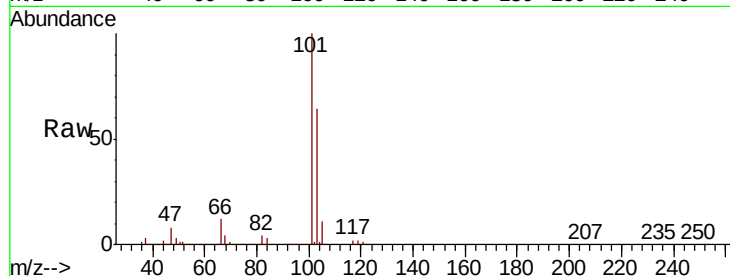
ICVVN080618

Tot Ion:101 Resp: 635898

Ion Ratio Lower Upper

101 100

103 64.1 51.7 77.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.00

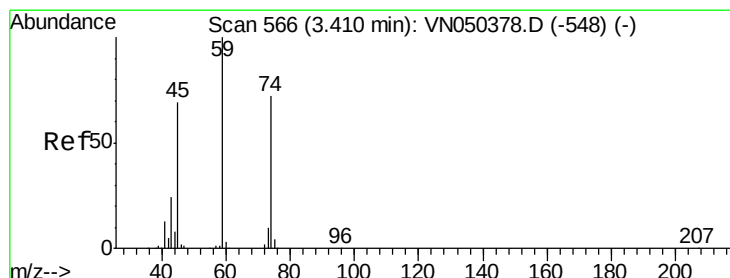
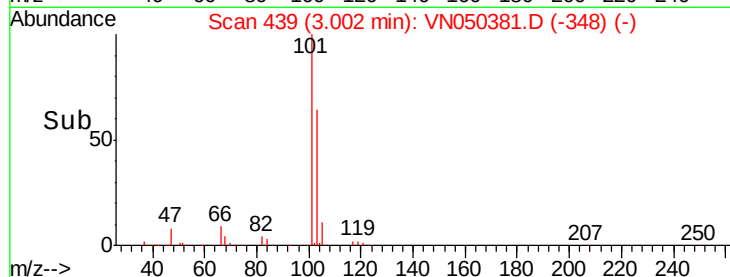
300000

200000

100000

0

Time-->



#8

Diethyl Ether

Concen: 48.21 ug/l

RT: 3.41 min Scan# 565

Delta R.T. -0.00 min

Lab File: VN050381.D

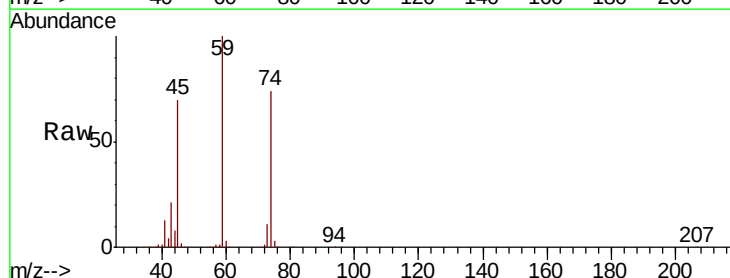
Acq: 6 Aug 2018 14:04

Tgt Ion: 74 Resp: 237497

Ion Ratio Lower Upper

74 100

45 94.9 47.6 142.8



Abundance Ion 74.00 (73.70 to 74.70): VNO

Ion 45.00 (44.70 to 45.70): VNO

3.41

120000

100000

80000

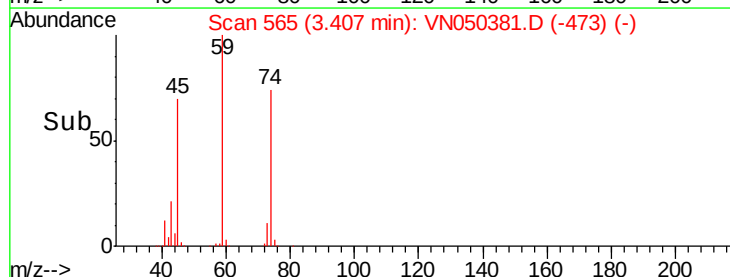
60000

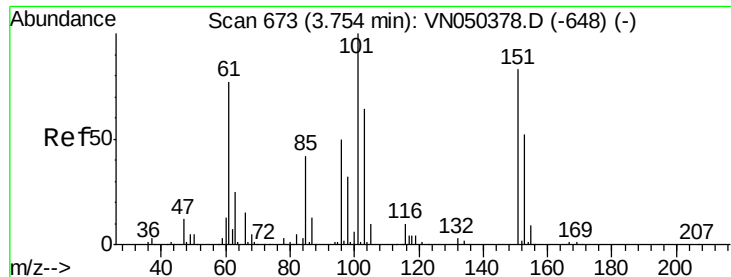
40000

20000

0

Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.58 ug/l

RT: 3.75 min Scan# 671

Delta R.T. -0.01 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICV050381.D

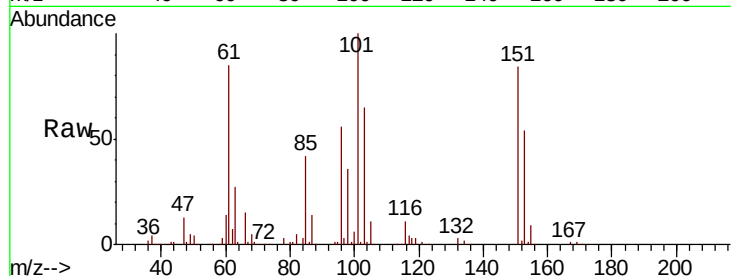
Tot Ion:101 Resp: 395017

Ion Ratio Lower Upper

101 100

85 42.4 34.2 51.2

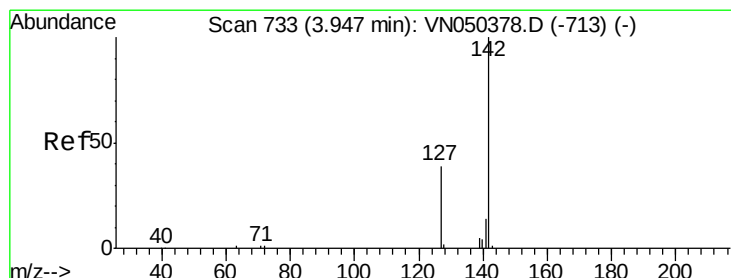
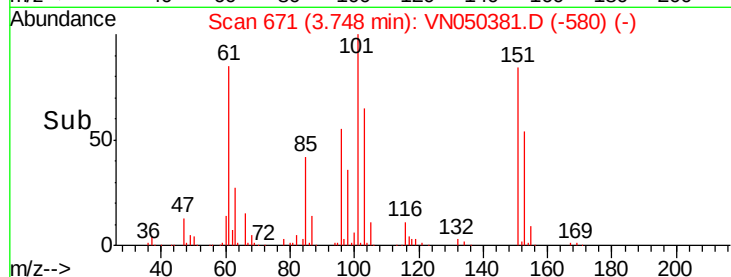
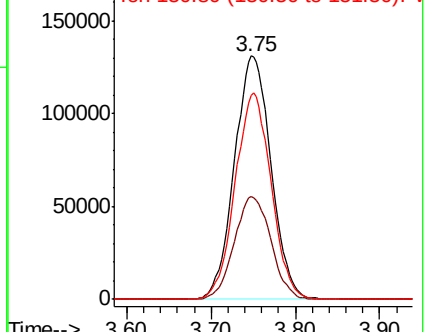
151 83.4 66.3 99.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 61.44 ug/l

RT: 3.94 min Scan# 732

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

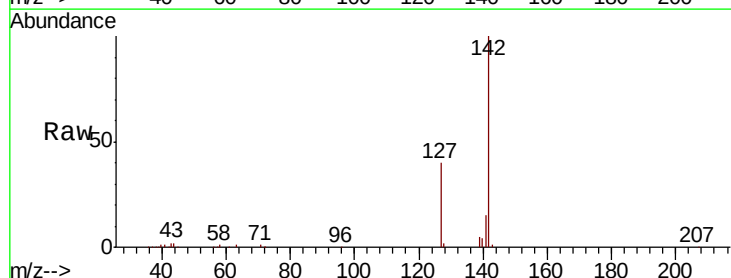
Tgt Ion:142 Resp: 224757

Ion Ratio Lower Upper

142 100

127 40.0 33.4 50.2

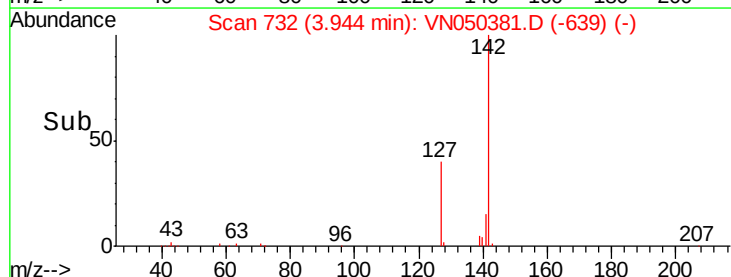
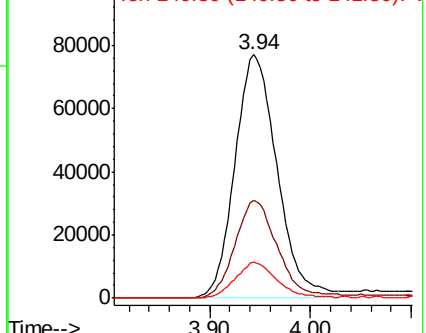
141 14.5 11.6 17.4

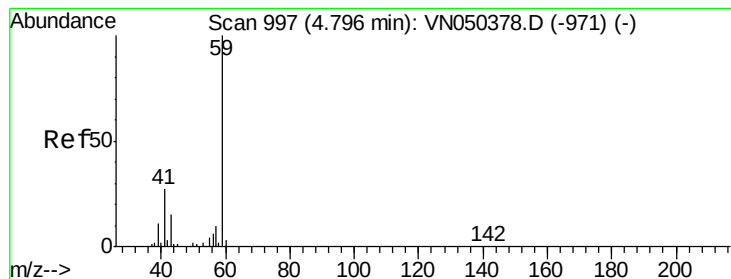


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 213.60 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

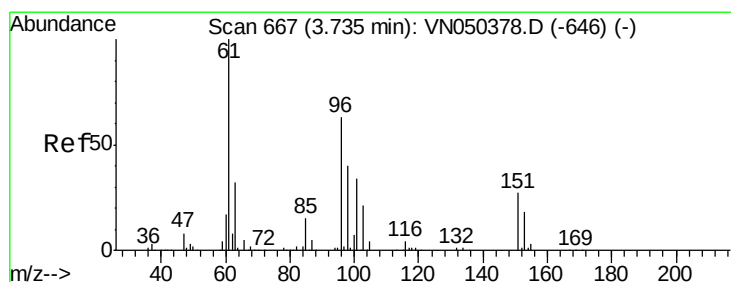
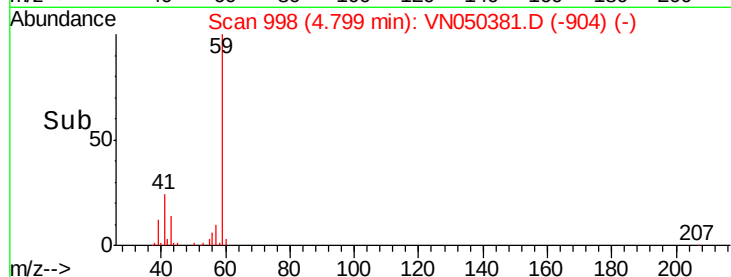
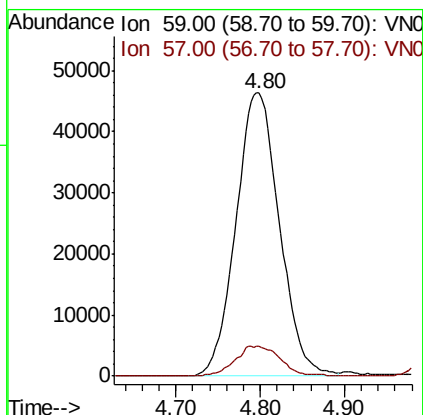
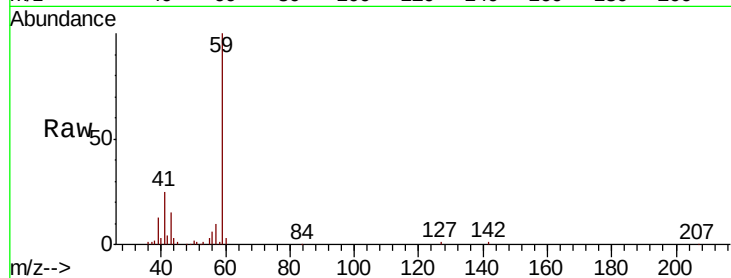
ICVVN080618

Tot Ion: 59 Resp: 165979

Ion Ratio Lower Upper

59 100

57 10.8 8.5 12.7



#12

1,1-Dichloroethene

Concen: 47.51 ug/l

RT: 3.73 min Scan# 665

Delta R.T. -0.01 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

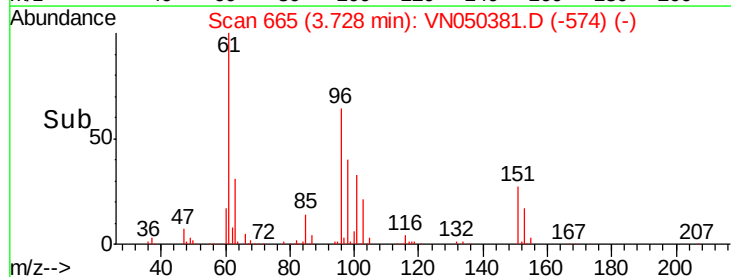
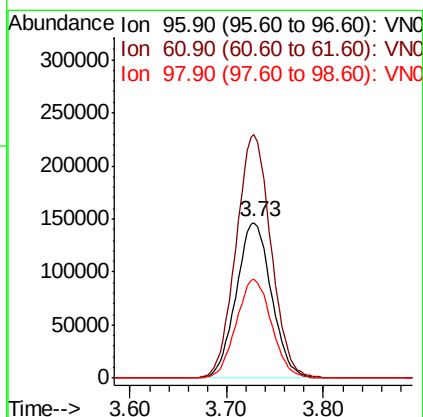
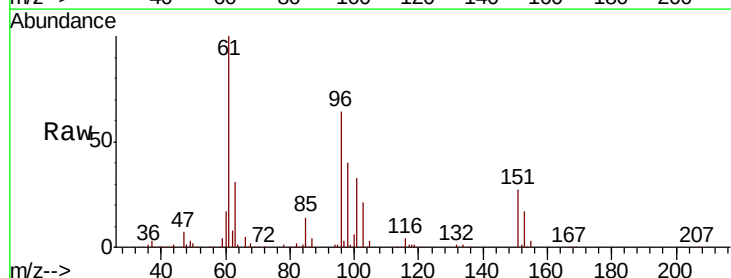
Tgt Ion: 96 Resp: 371839

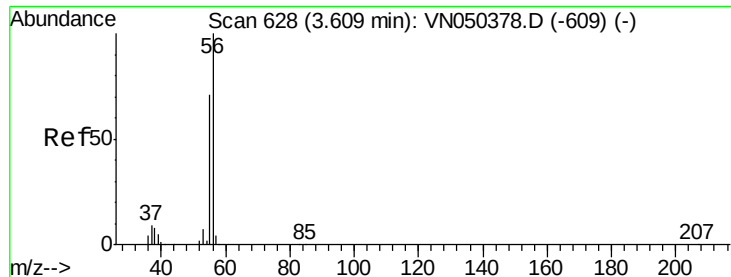
Ion Ratio Lower Upper

96 100

61 156.3 124.4 186.6

98 63.3 48.3 72.5





#13

Acrolein

Concen: 239.38 ug/l

RT: 3.60 min Scan# 626

Delta R.T. -0.01 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampled :

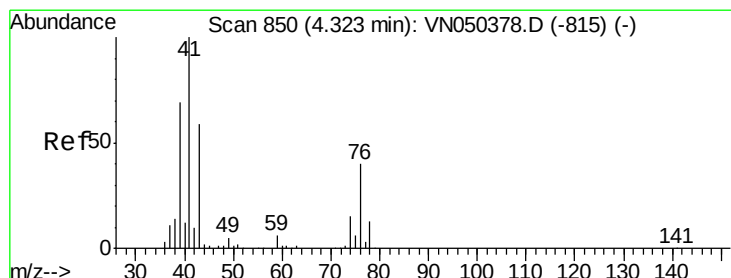
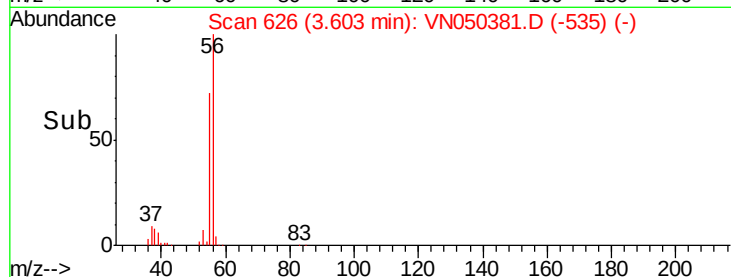
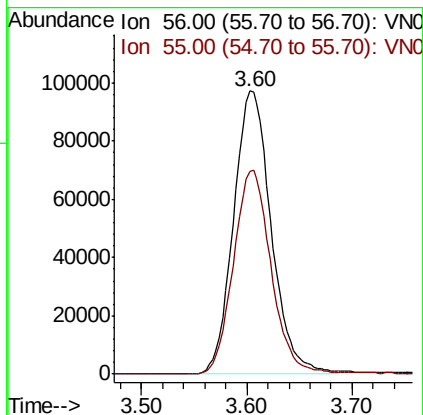
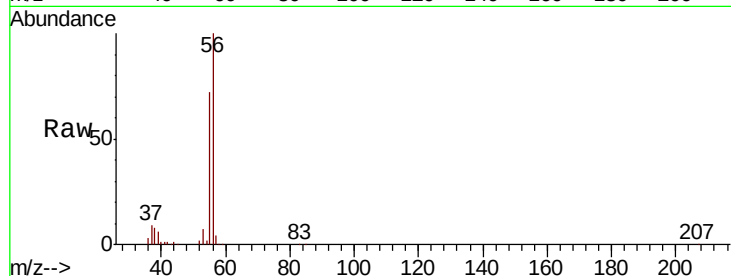
ICVFN080618

Tot Ion: 56 Resp: 241328

Ion Ratio Lower Upper

56 100

55 72.0 55.8 83.6



#14

Allyl chloride

Concen: 48.34 ug/l

RT: 4.32 min Scan# 848

Delta R.T. -0.01 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

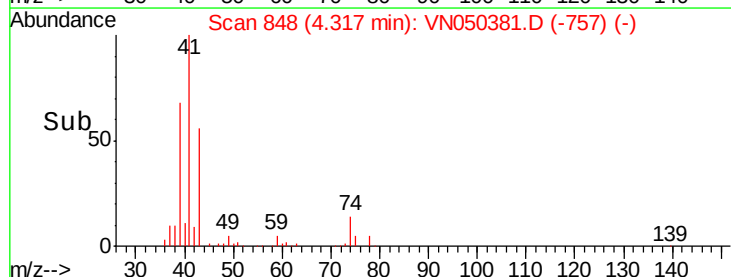
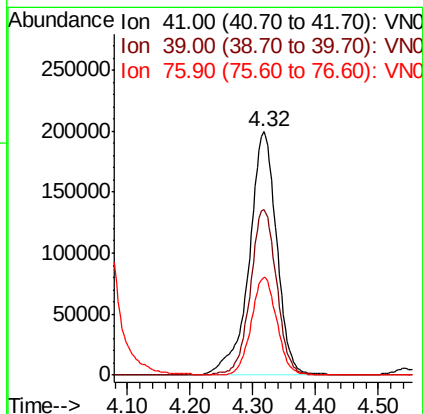
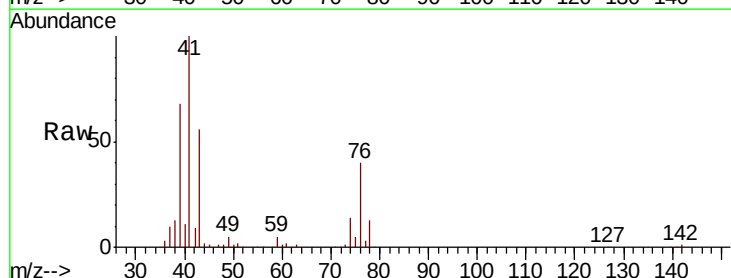
Tgt Ion: 41 Resp: 607621

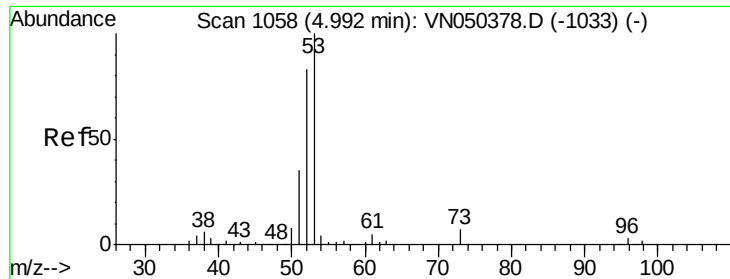
Ion Ratio Lower Upper

41 100

39 65.3 54.2 81.4

76 36.8 29.0 43.6

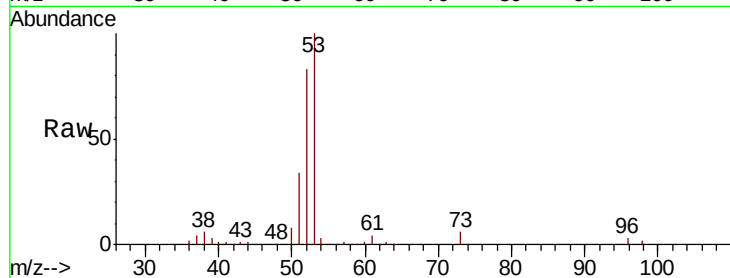




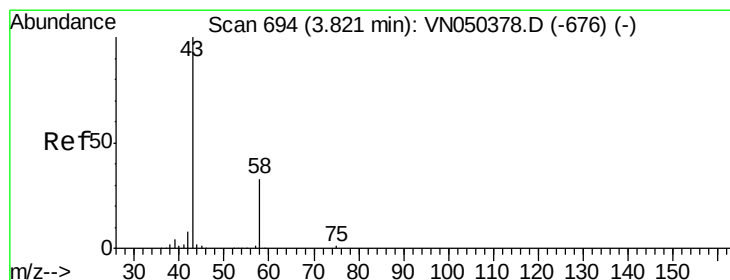
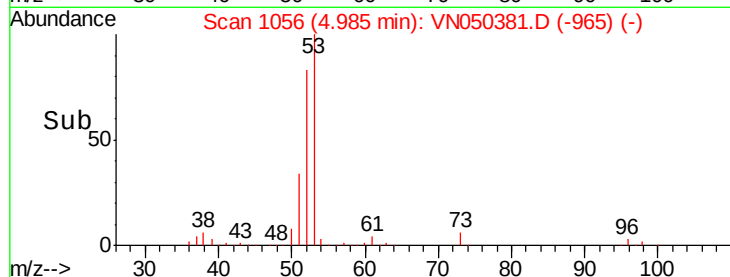
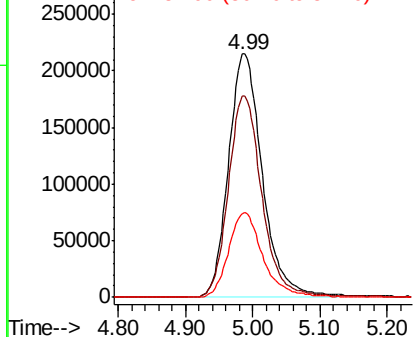
#15
 Acrylonitrile
 Concen: 231.11 ug/l
 RT: 4.99 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080618

Tot Ion:	53	Resp:	752237
Ion	Ratio	Lower	Upper
53	100		
52	82.1	66.2	99.2
51	35.5	29.3	43.9

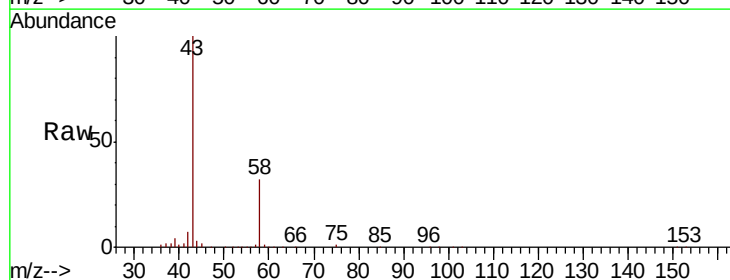


Abundance Ion 53.00 (52.70 to 53.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0

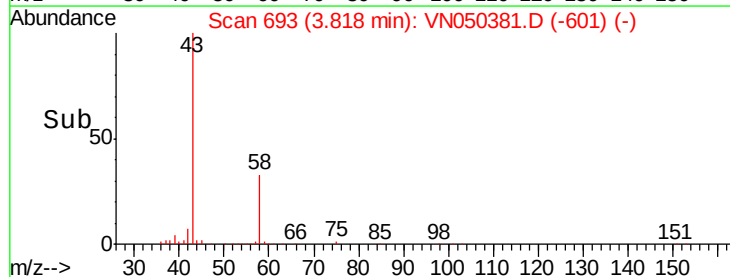
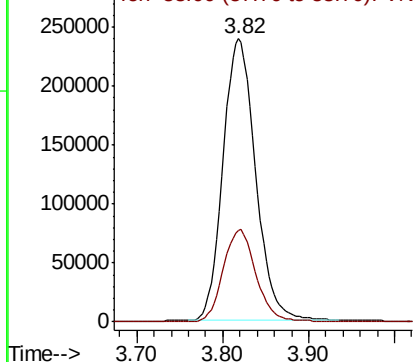


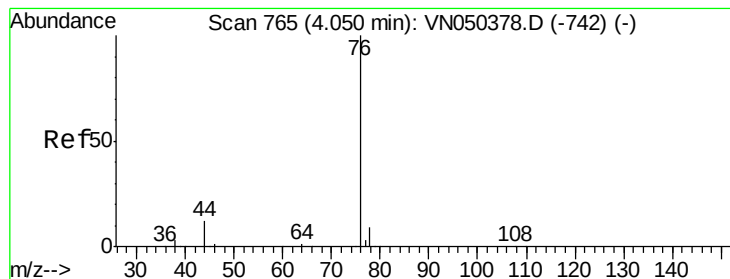
#16
 Acetone
 Concen: 217.80 ug/l
 RT: 3.82 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

Tgt Ion:	43	Resp:	628399
Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.8	38.8



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





#17

Carbon Disulfide

Concen: 45.23 ug/l

RT: 4.05 min Scan# 764

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

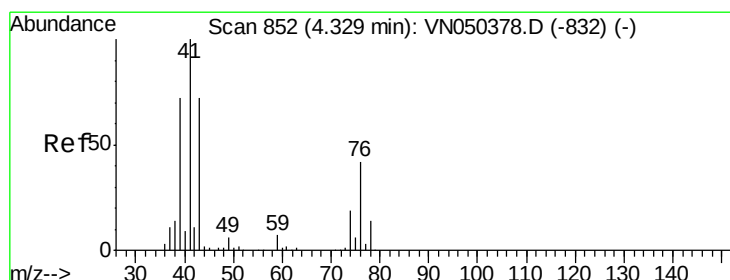
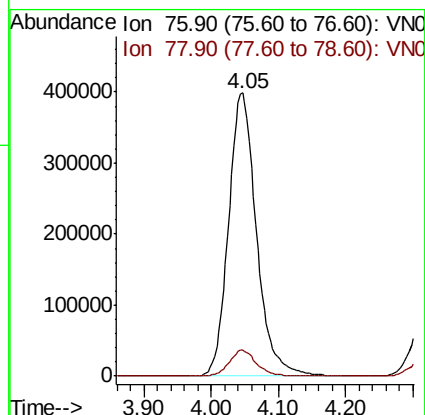
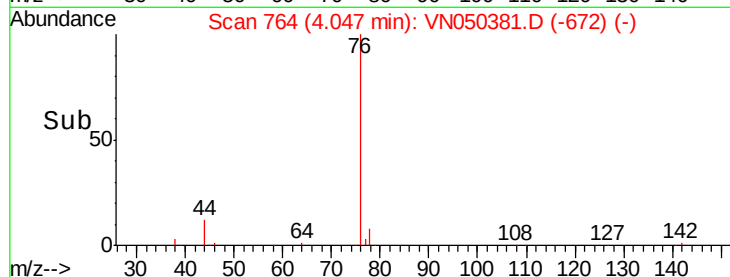
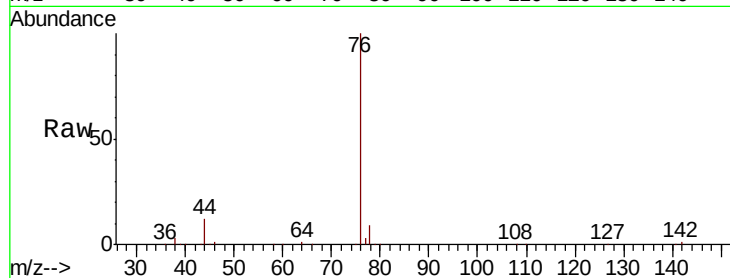
ICVVN080618

Tot Ion: 76 Resp: 1151120

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9



#18

Methyl Acetate

Concen: 46.31 ug/l

RT: 4.33 min Scan# 851

Delta R.T. -0.00 min

Lab File: VN050381.D

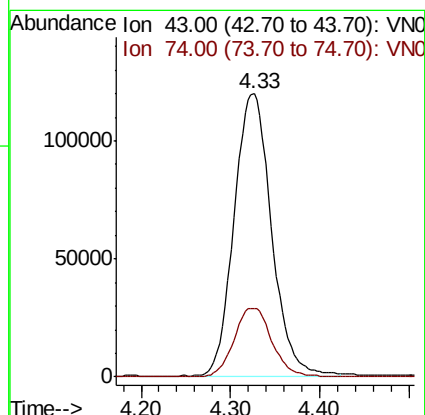
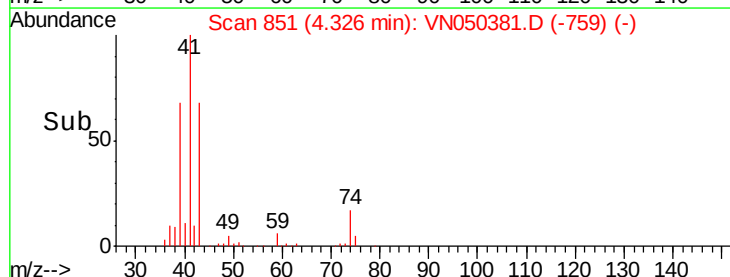
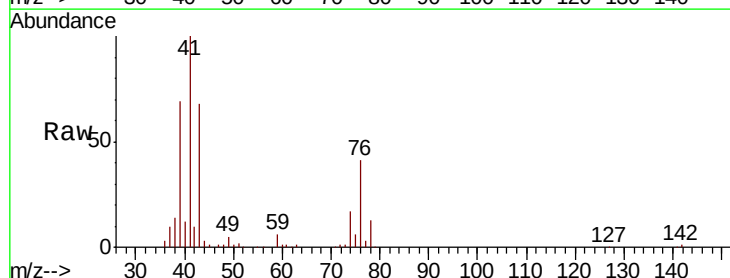
Acq: 6 Aug 2018 14:04

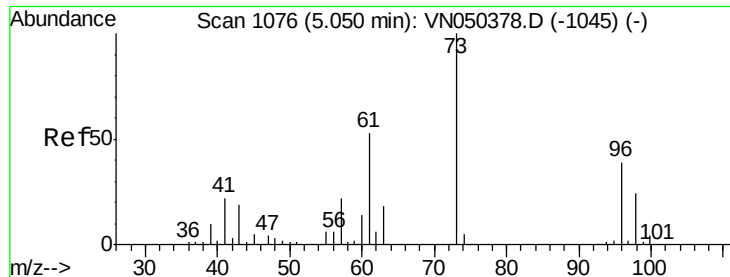
Tgt Ion: 43 Resp: 347252

Ion Ratio Lower Upper

43 100

74 24.8 19.2 28.8

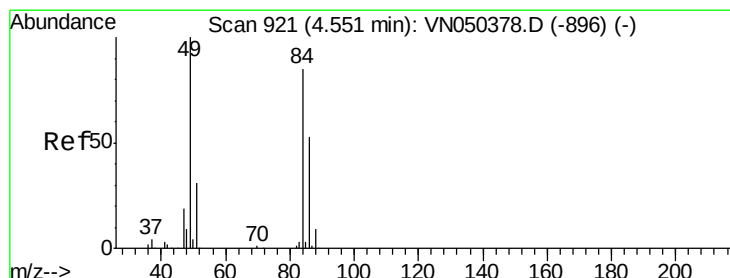
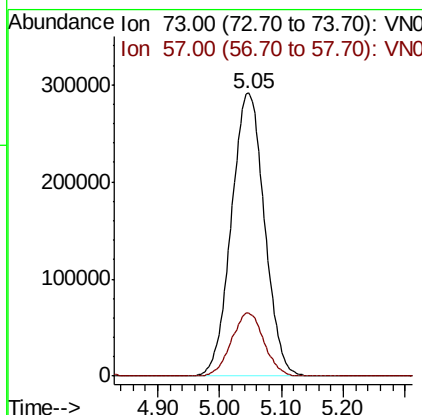
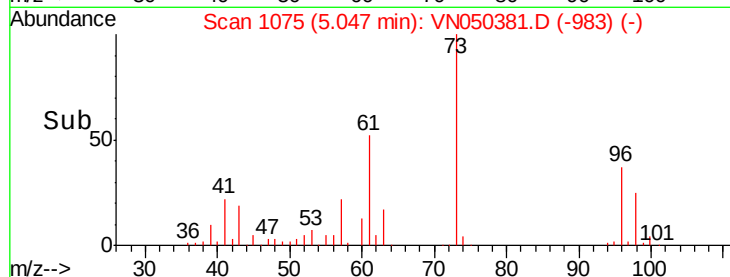
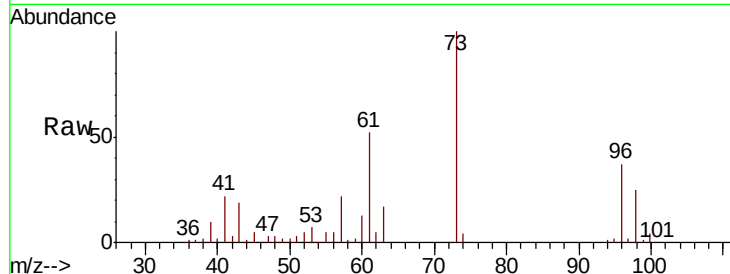




#19
Methyl tert-butyl Ether
Concen: 48.69 ug/l
RT: 5.05 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

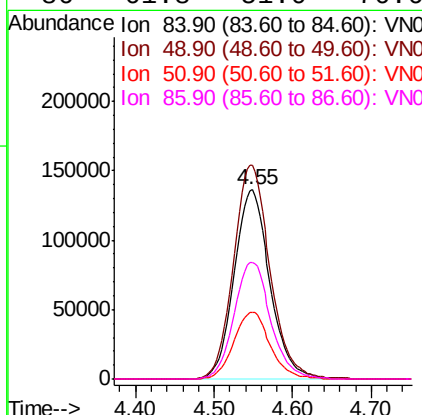
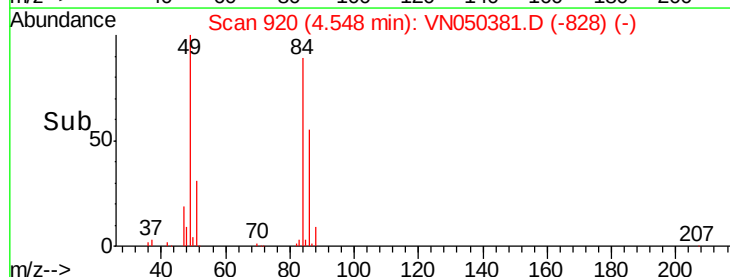
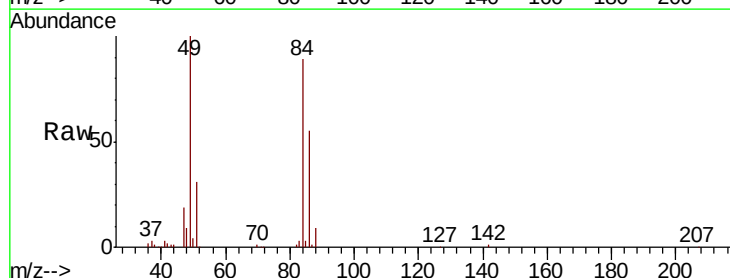
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080618

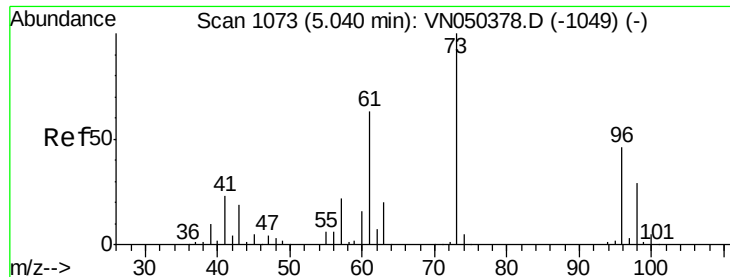
Tot Ion: 73 Resp: 1081629
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0



#20
Methylene Chloride
Concen: 49.08 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion: 84 Resp: 433193
Ion Ratio Lower Upper
84 100
49 112.9 94.8 142.2
51 35.4 28.3 42.5
86 61.8 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 46.98 ug/l

RT: 5.04 min Scan# 1072

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080618

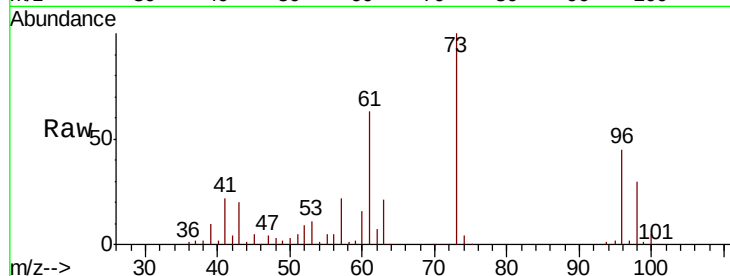
Tot Ion: 96 Resp: 397868

Ion Ratio Lower Upper

96 100

61 138.8 110.7 166.1

98 65.2 51.6 77.4

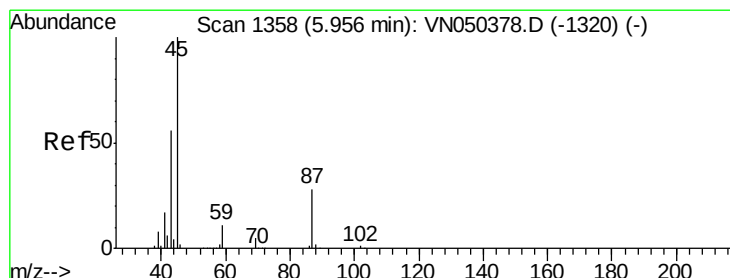
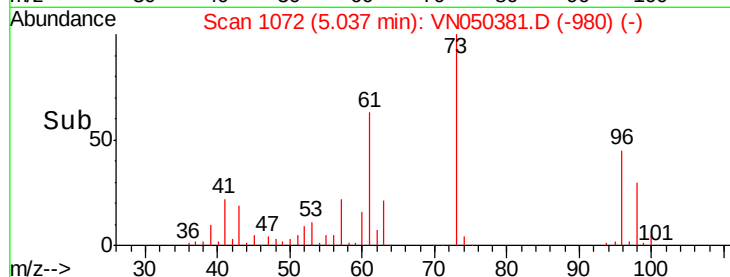
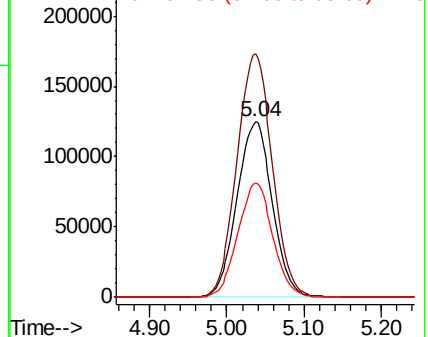


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 49.53 ug/l

RT: 5.95 min Scan# 1356

Delta R.T. -0.01 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Tgt Ion: 45 Resp: 1271860

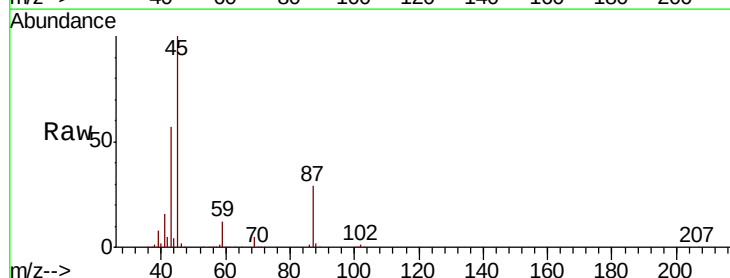
Ion Ratio Lower Upper

45 100

43 56.7 45.7 68.5

87 28.5 22.7 34.1

59 11.9 9.5 14.3



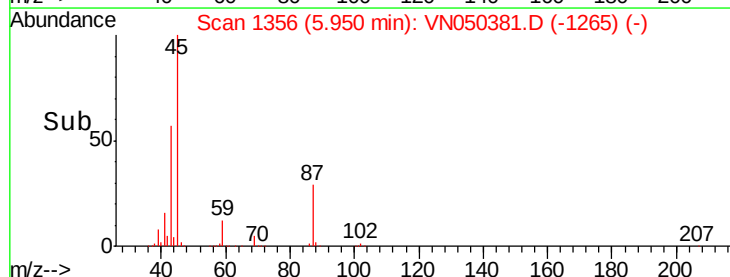
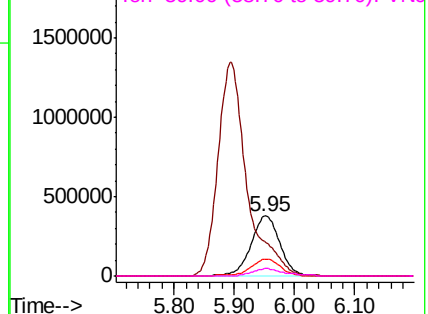
Abundance

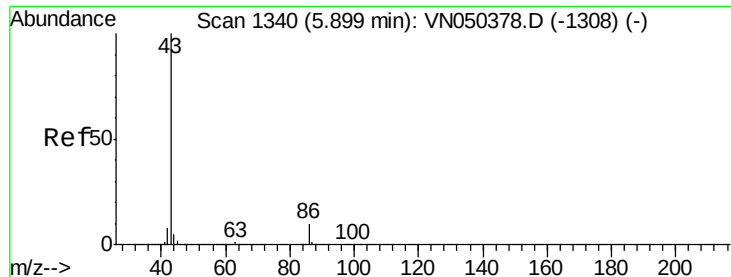
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 244.17 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

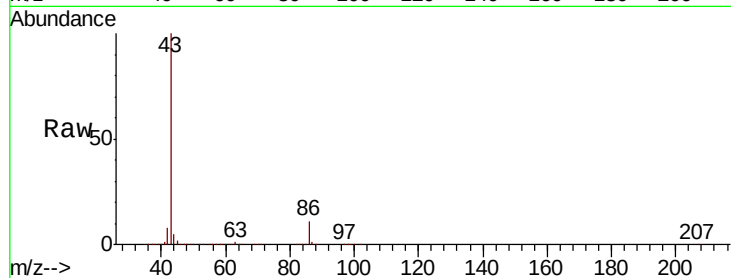
ICV080618

Tot Ion: 43 Resp: 4473093

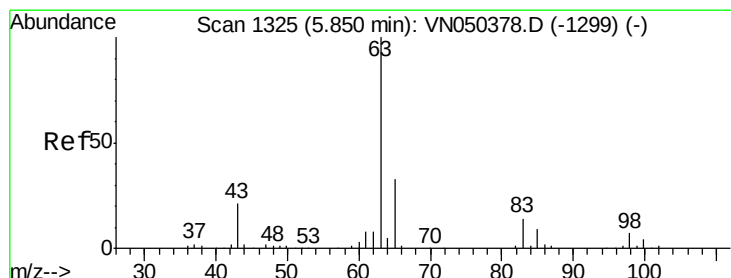
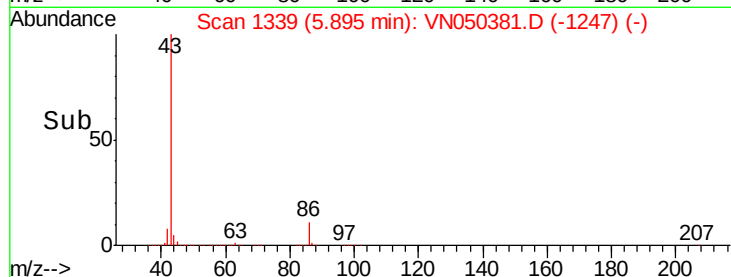
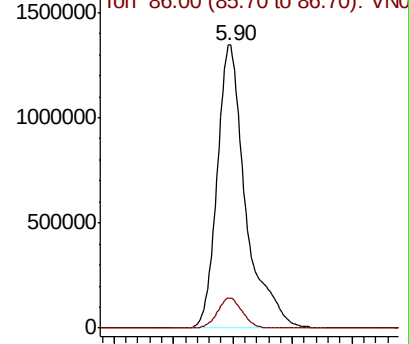
Ion Ratio Lower Upper

43 100

86 10.7 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN050381.D (-1308) (-)



#24

1,1-Dichloroethane

Concen: 46.66 ug/l

RT: 5.84 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

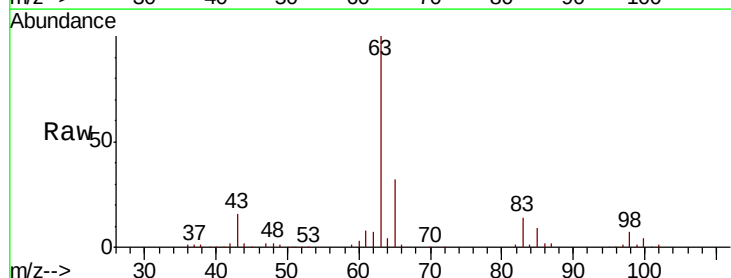
Tgt Ion: 63 Resp: 735166

Ion Ratio Lower Upper

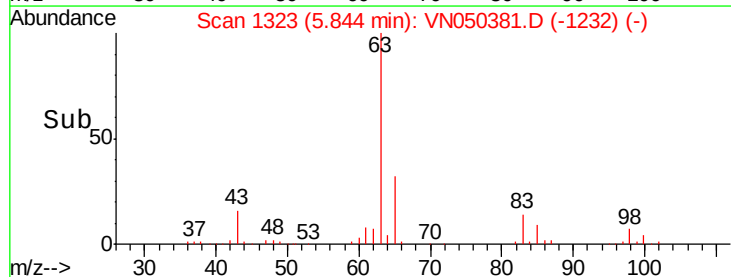
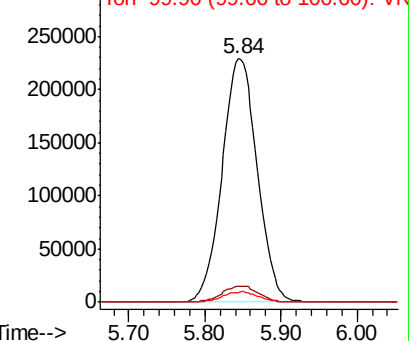
63 100

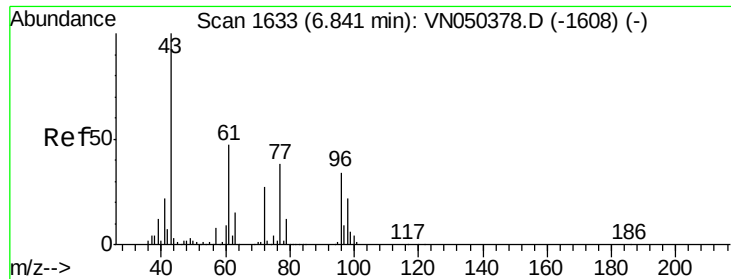
98 6.6 3.3 9.8

100 4.0 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VN050381.D (-1299) (-)

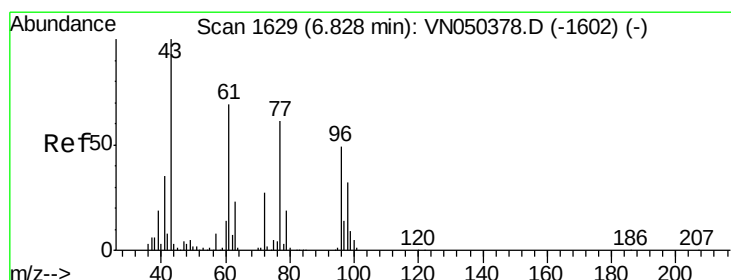
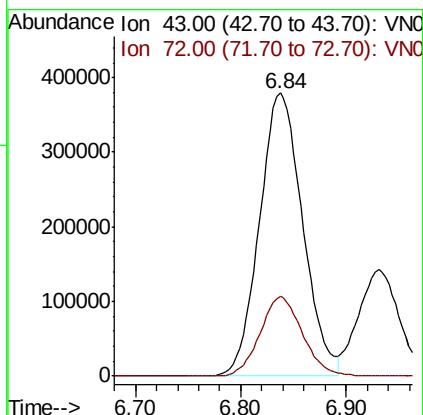
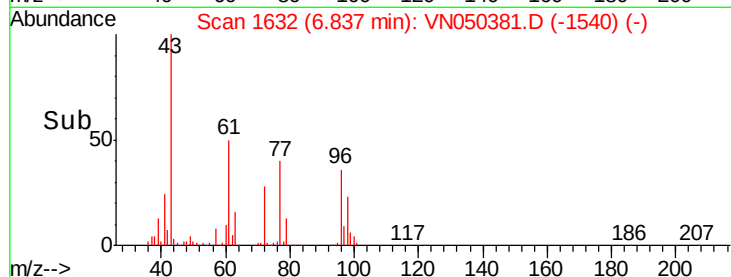
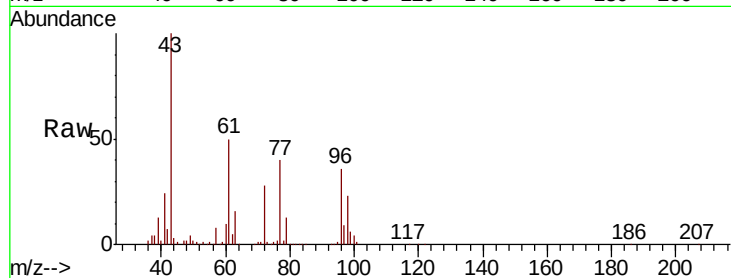




#25
2-Butanone
Concen: 224.60 ug/l
RT: 6.84 min Scan# 1632
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

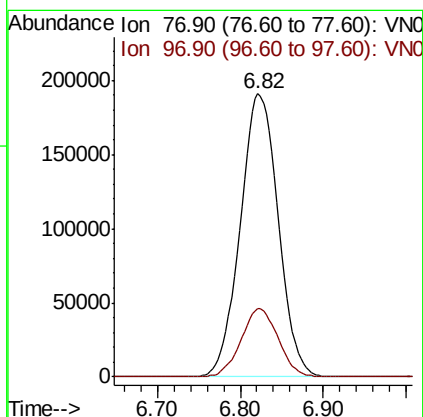
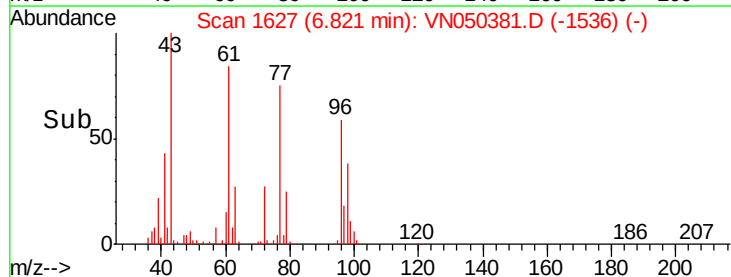
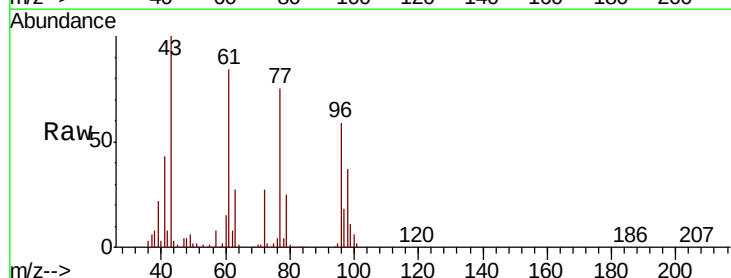
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080618

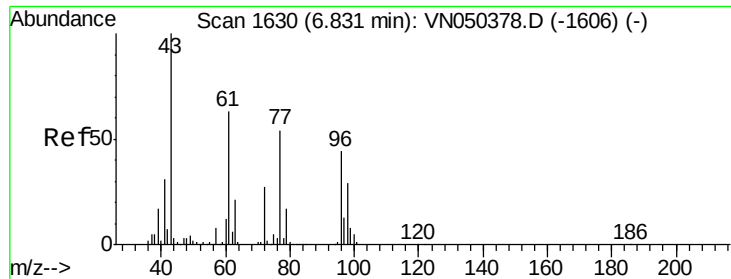
Tot Ion: 43 Resp: 1076536
Ion Ratio Lower Upper
43 100
72 28.0 21.5 32.3



#26
2,2-Dichloropropane
Concen: 46.77 ug/l
RT: 6.82 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion: 77 Resp: 607411
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 48.02 ug/l

RT: 6.83 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080618

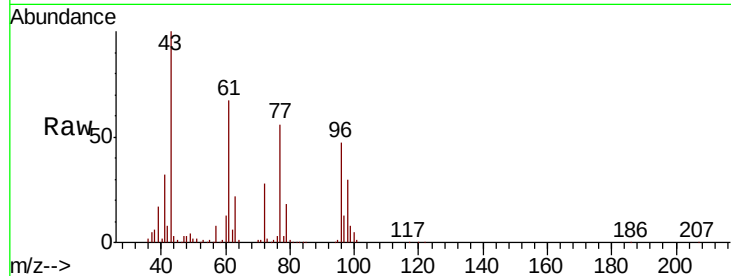
Tot Ion: 96 Resp: 450785

Ion Ratio Lower Upper

96 100

61 143.3 0.0 285.0

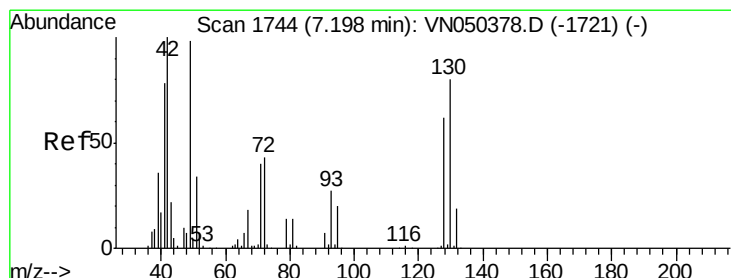
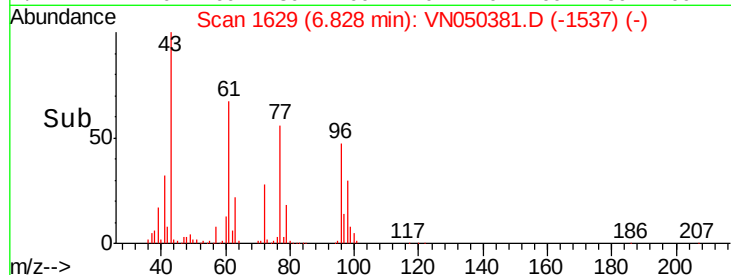
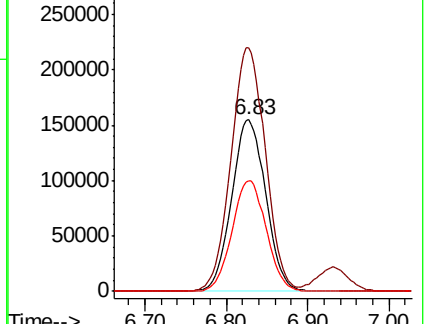
98 64.5 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 49.41 ug/l

RT: 7.19 min Scan# 1742

Delta R.T. -0.01 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

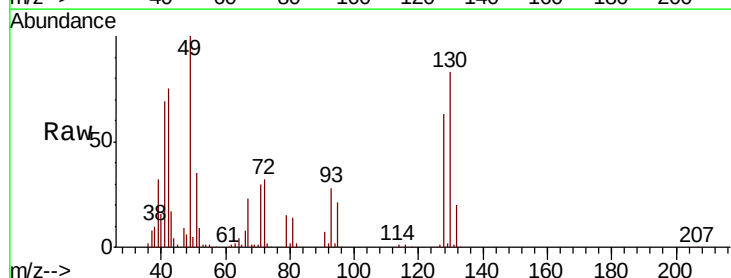
Tgt Ion: 49 Resp: 358332

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

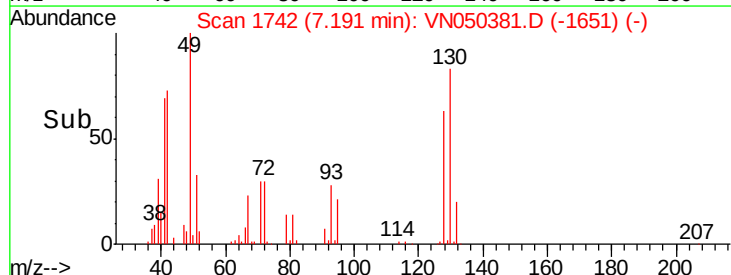
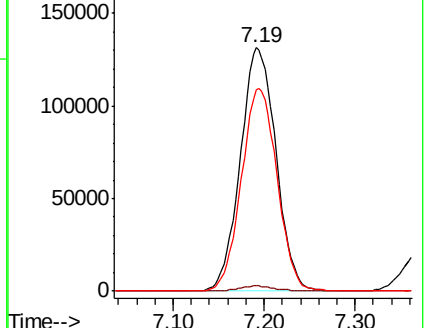
130 83.3 66.3 99.5

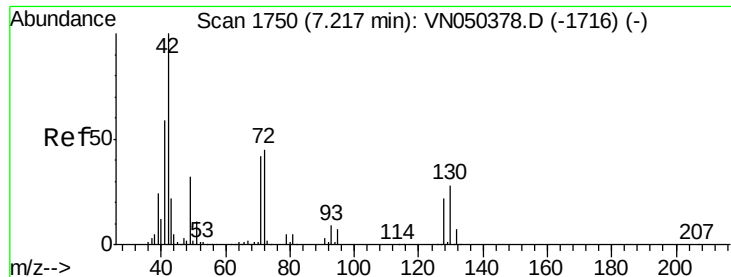


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

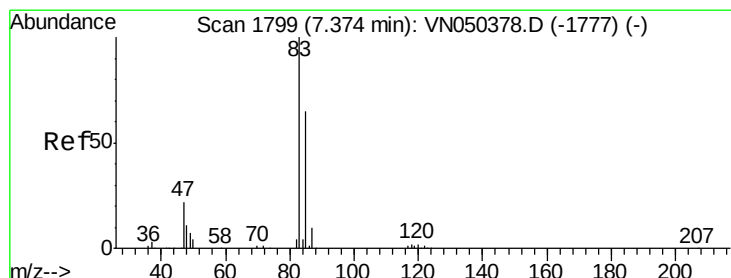
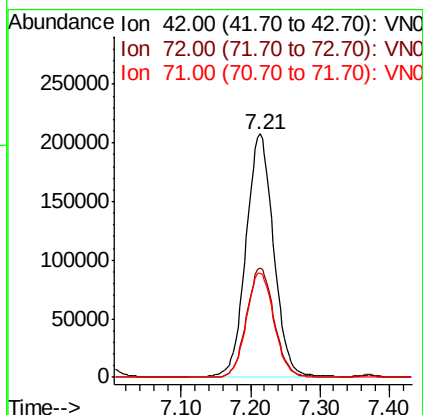
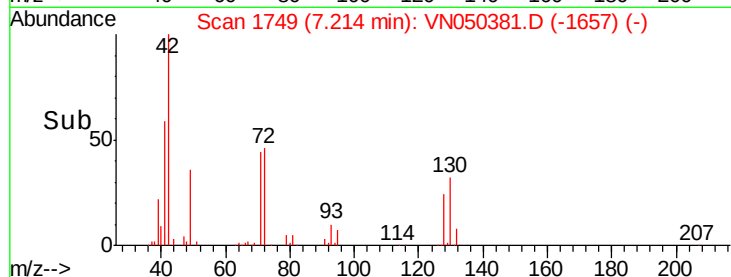
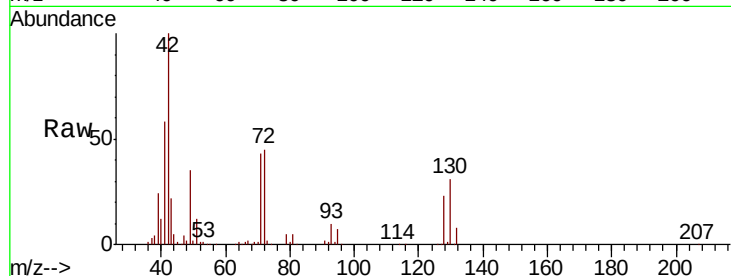




#29
Tetrahydrofuran
Concen: 223.81 ug/l
RT: 7.21 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

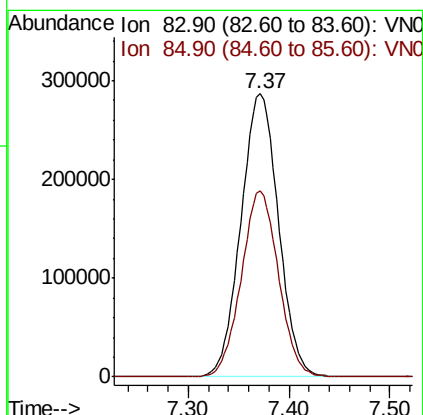
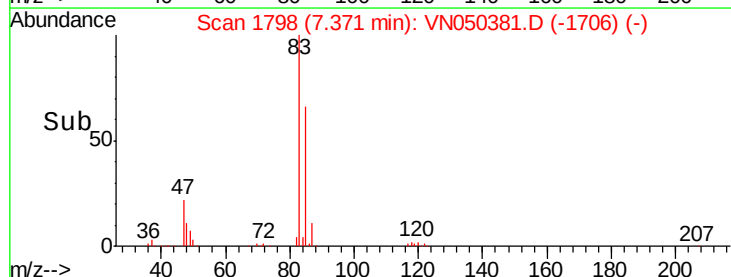
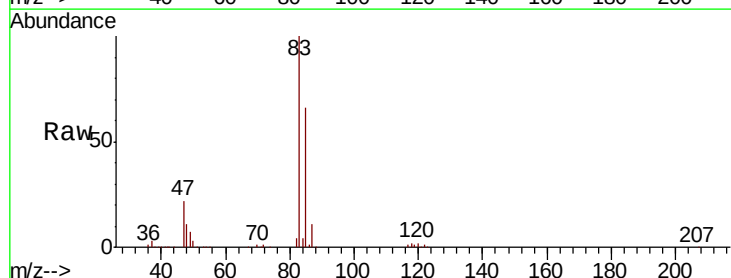
Instrument :
MSVOA_N
ClientSampled :
ICV080618

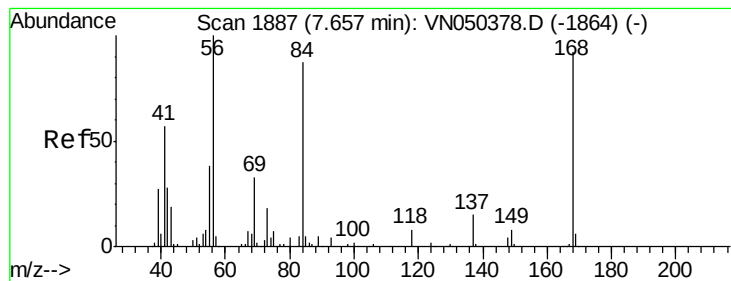
Tot Ion: 42 Resp: 574198
Ion Ratio Lower Upper
42 100
72 44.9 35.9 53.9
71 42.8 33.7 50.5



#30
Chloroform
Concen: 47.01 ug/l
RT: 7.37 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion: 83 Resp: 740421
Ion Ratio Lower Upper
83 100
85 65.7 52.5 78.7





#31

Cyclohexane

Concen: 49.17 ug/l

RT: 7.65 min Scan# 1885

Delta R.T. -0.01 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080618

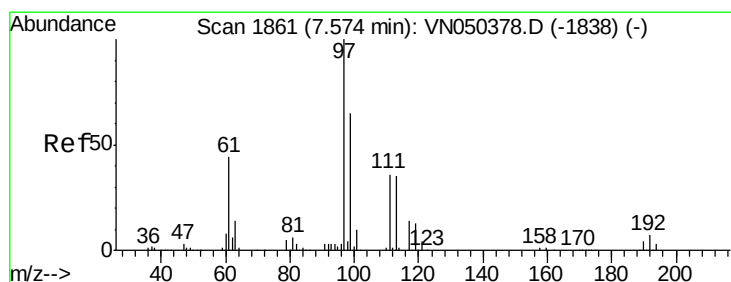
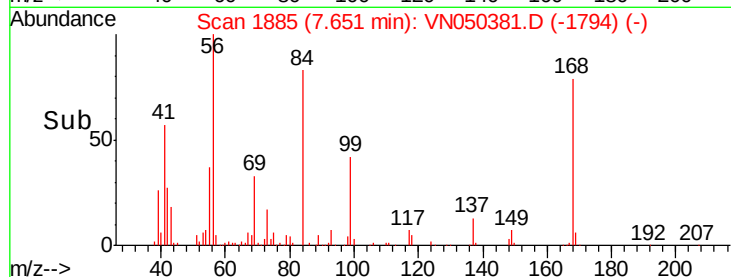
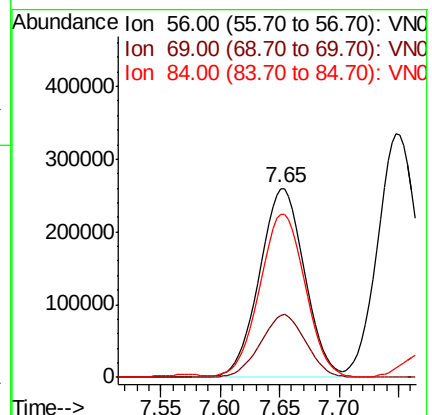
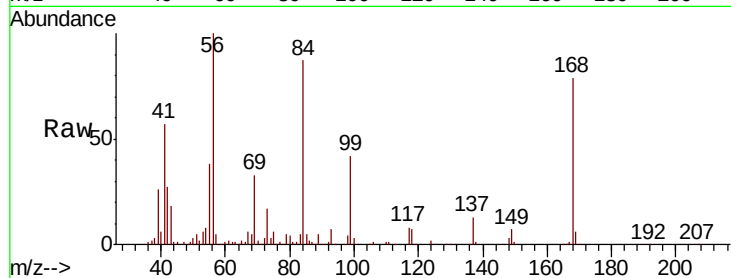
Tot Ion: 56 Resp: 682021

Ion Ratio Lower Upper

56 100

69 32.7 26.2 39.4

84 85.4 67.4 101.0



#32

1,1,1-Trichloroethane

Concen: 47.62 ug/l

RT: 7.57 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

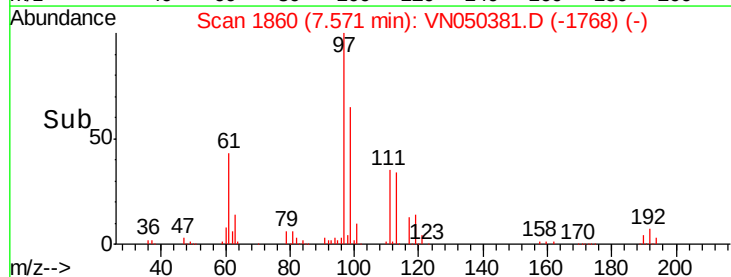
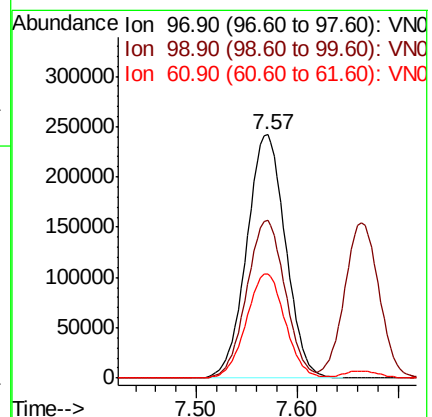
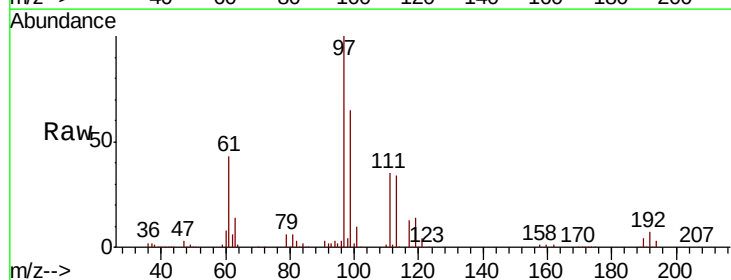
Tgt Ion: 97 Resp: 644186

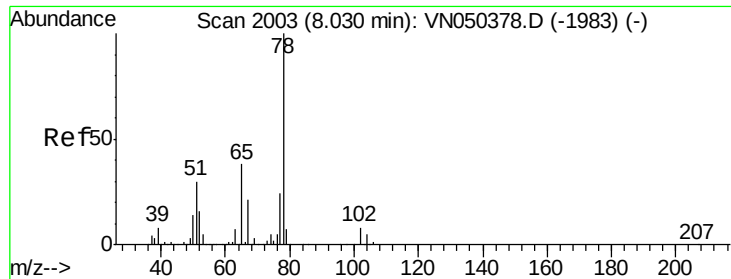
Ion Ratio Lower Upper

97 100

99 64.4 51.4 77.0

61 42.9 35.4 53.0

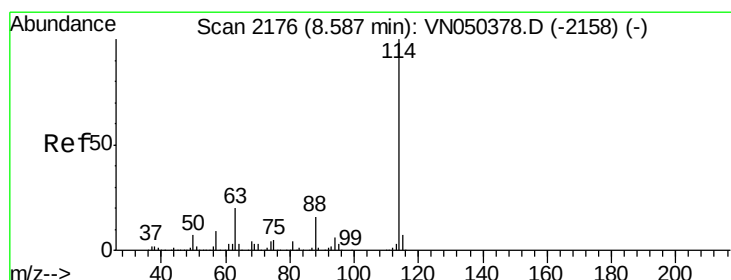
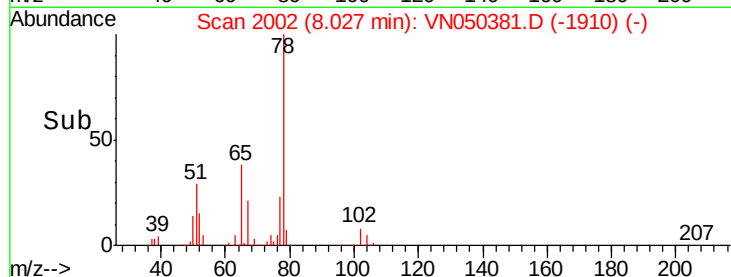
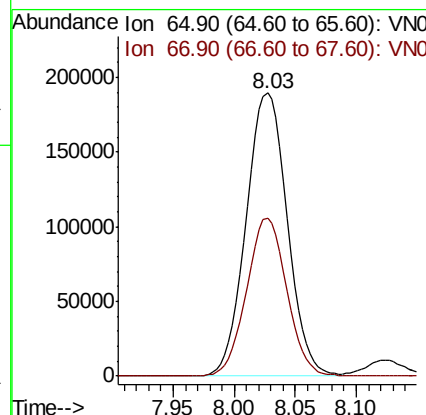
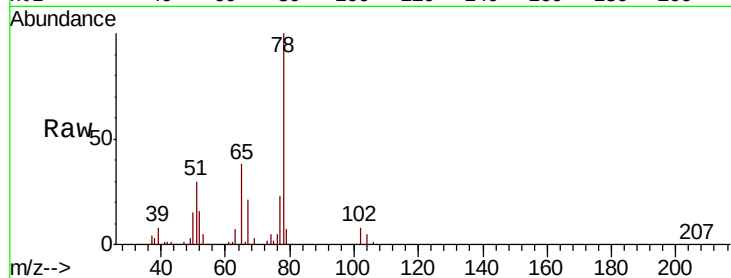




#33
 1,2-Dichloroethane-d4
 Concen: 45.81 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

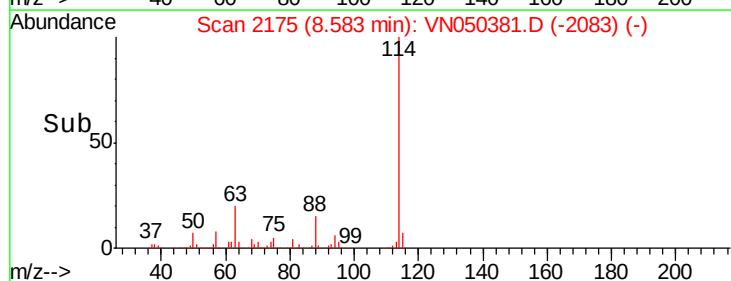
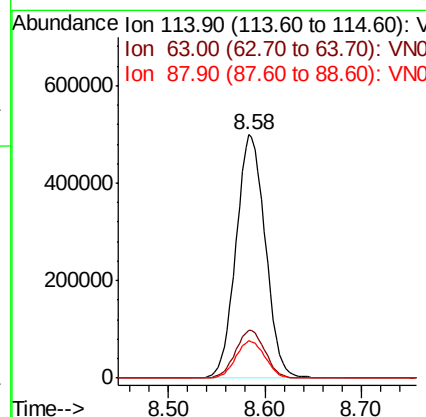
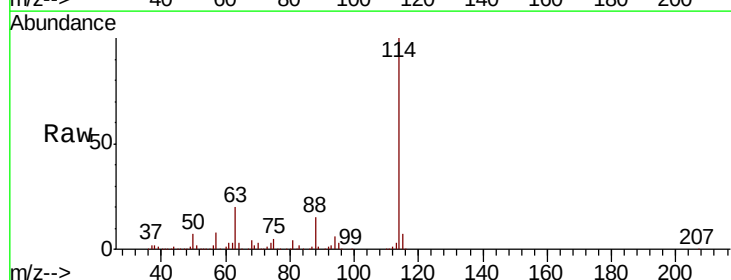
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080618

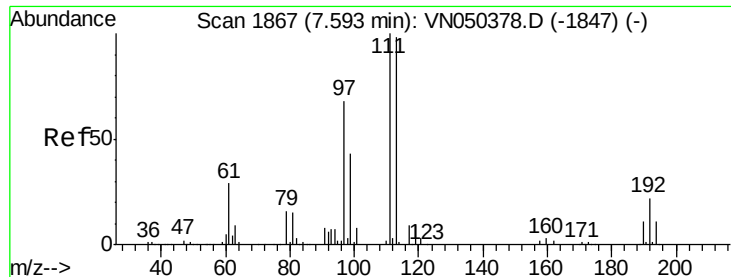
Tot Ion: 65 Resp: 443117
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.58 min Scan# 2175
 Delta R.T. -0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

Tgt Ion: 114 Resp: 1048873
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.2 0.0 31.2

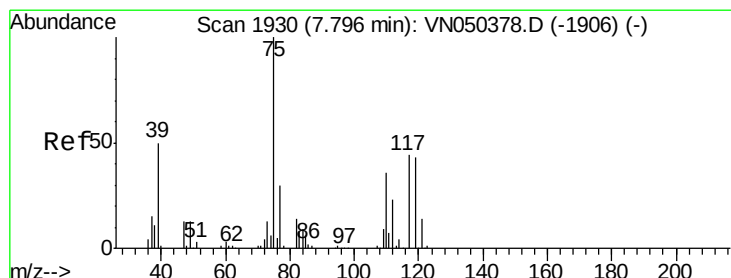
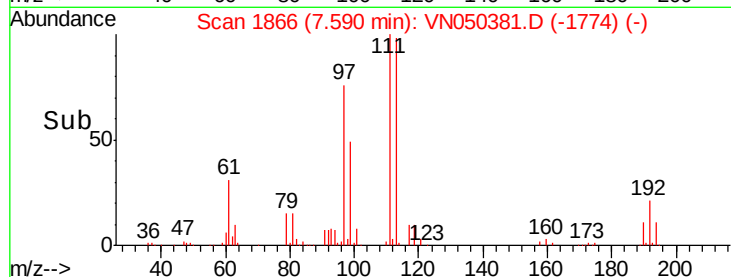
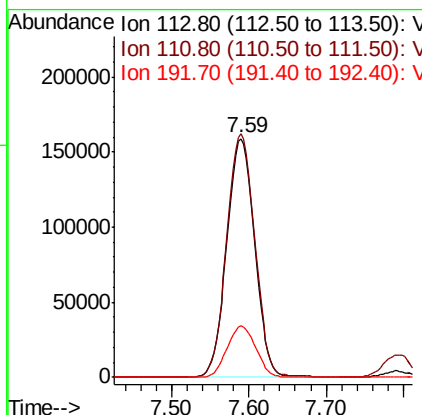
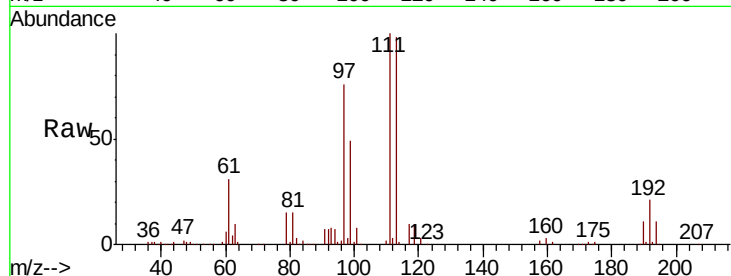




#35
 Dibromofluoromethane
 Concen: 47.25 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

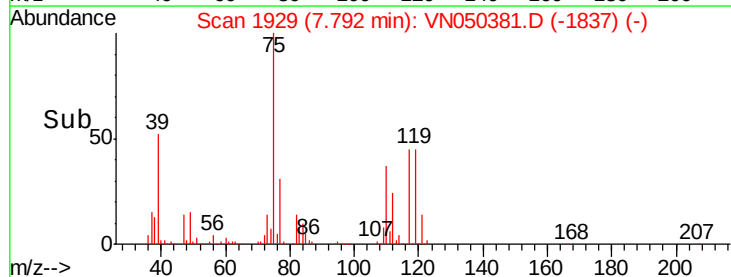
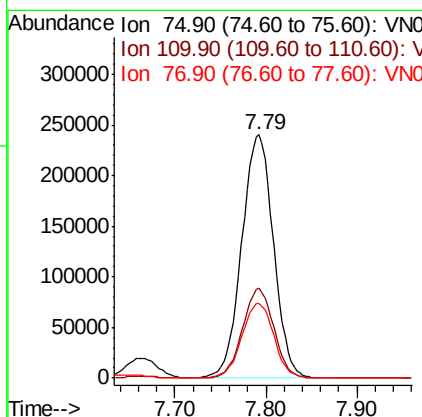
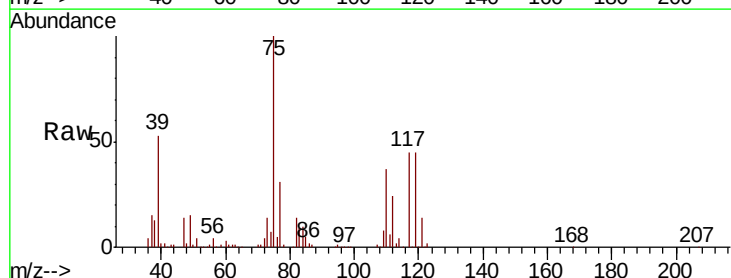
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080618

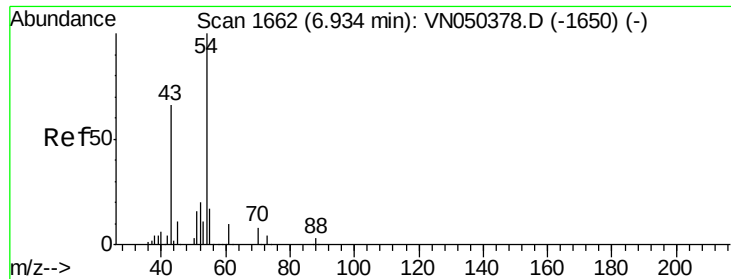
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	80.7	121.1
192	22.0	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 50.30 ug/l
 RT: 7.79 min Scan# 1929
 Delta R.T. -0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.5	18.4	55.2
77	31.2	25.3	37.9

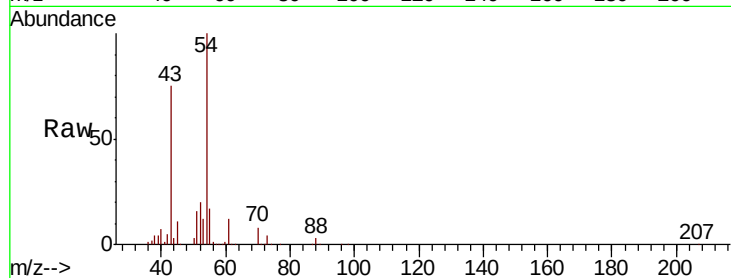




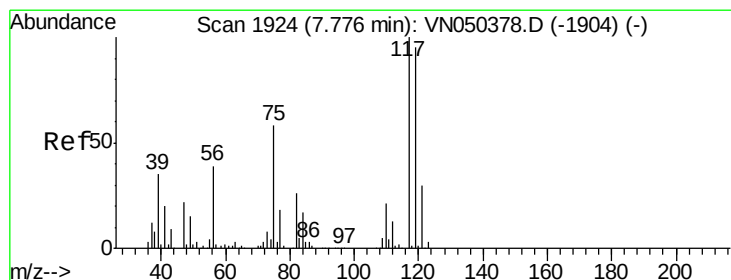
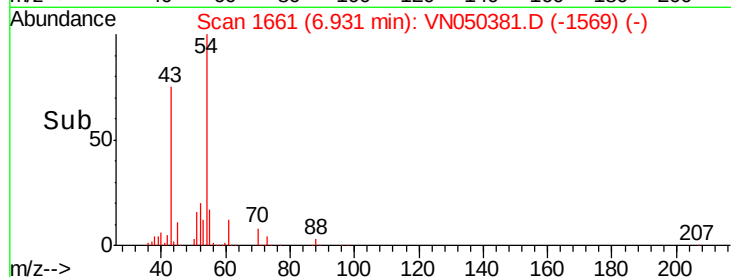
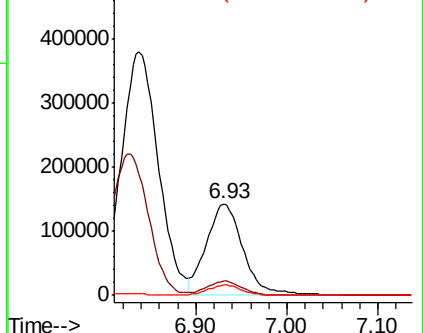
#37
Ethyl Acetate
Concen: 47.63 ug/l
RT: 6.93 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Instrument :
MSVOA_N
ClientSampleId :
ICVVN080618

Tot Ion: 43 Resp: 395310
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.8
70 10.7 8.4 12.6

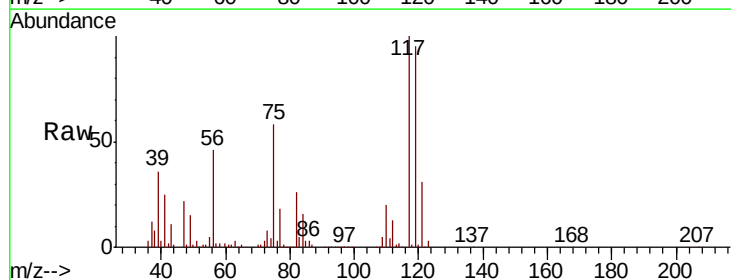


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

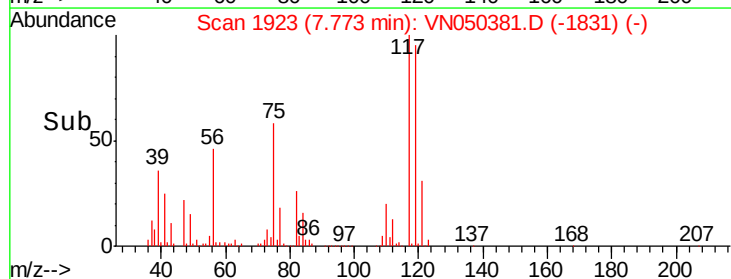
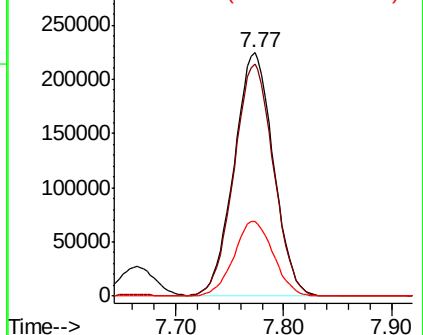


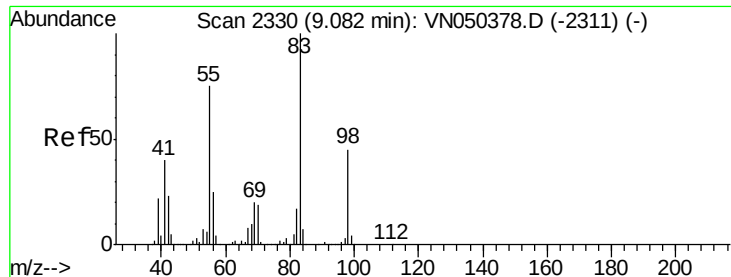
#38
Carbon Tetrachloride
Concen: 47.30 ug/l
RT: 7.77 min Scan# 1923
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion: 117 Resp: 568663
Ion Ratio Lower Upper
117 100
119 95.3 77.4 116.0
121 30.5 23.9 35.9



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

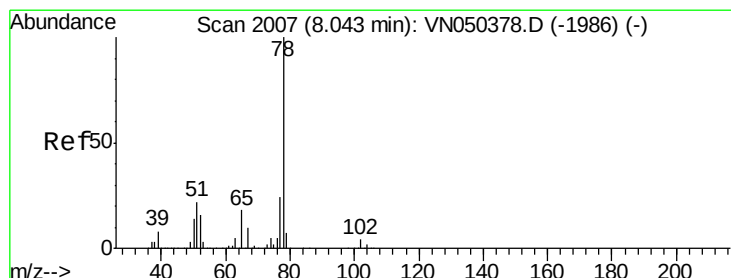
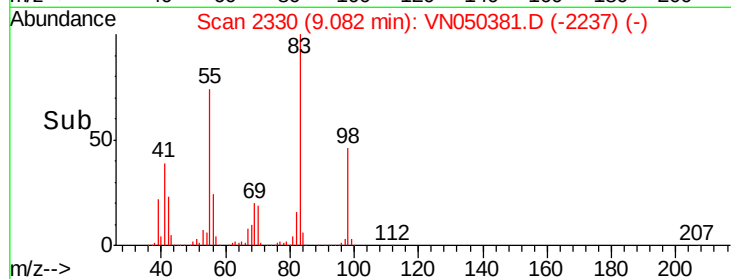
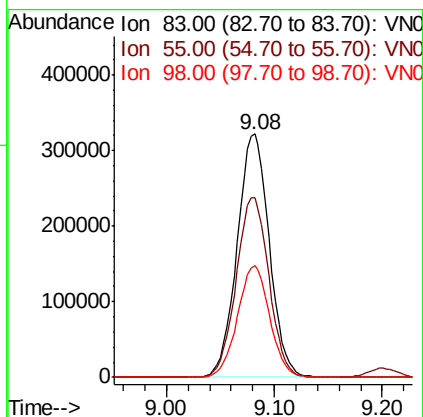
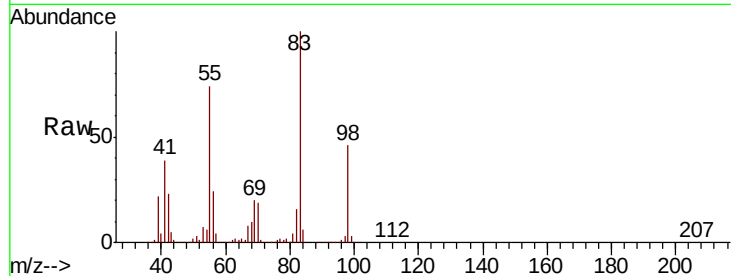




#39
Methylvlcyclohexane
Concen: 53.06 ug/l
RT: 9.08 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

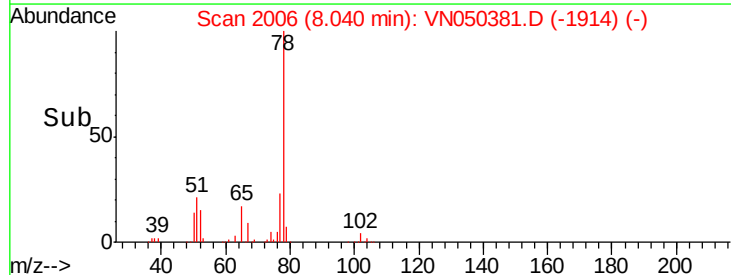
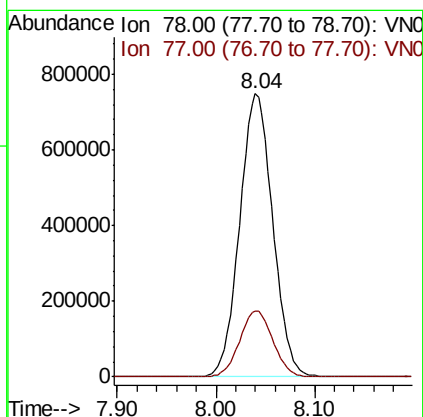
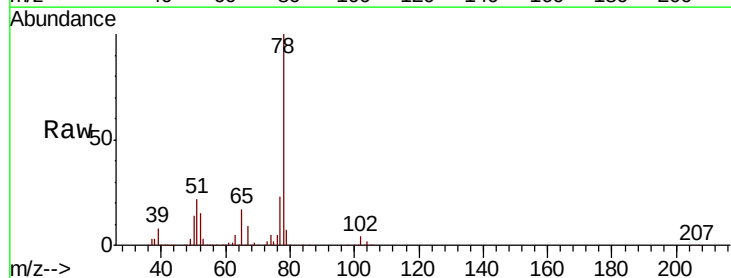
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080618

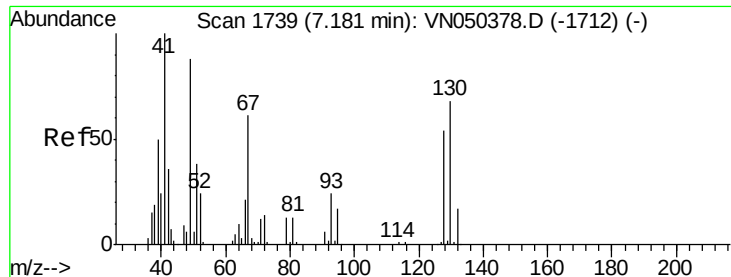
Tot Ion: 83 Resp: 667509
Ion Ratio Lower Upper
83 100
55 73.6 61.8 92.8
98 45.8 36.5 54.7



#40
Benzene
Concen: 48.87 ug/l
RT: 8.04 min Scan# 2006
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion: 78 Resp: 1731427
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

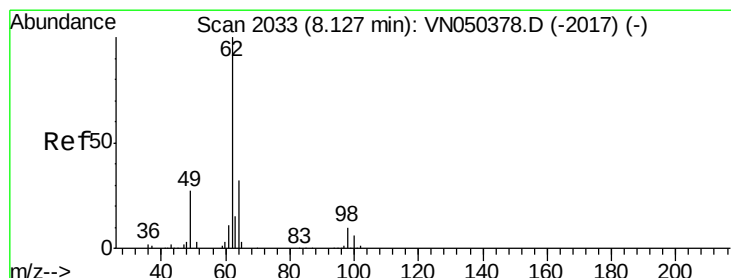
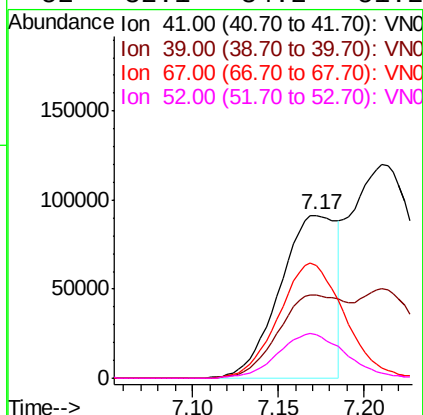
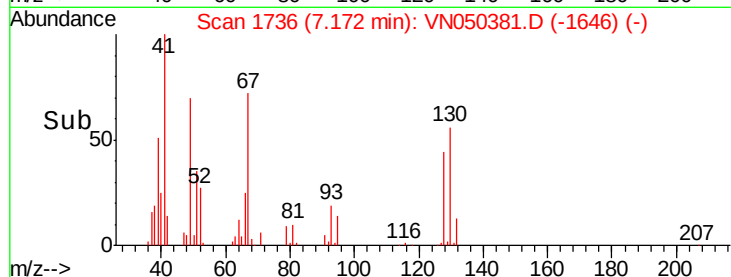
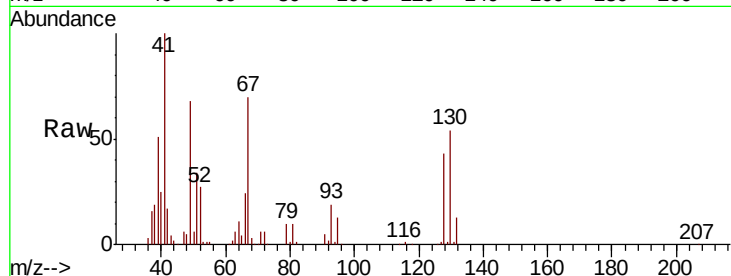




#41
Methacrylonitrile
Concen: 47.48 ug/l
RT: 7.17 min Scan# 1736
Delta R.T. -0.01 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

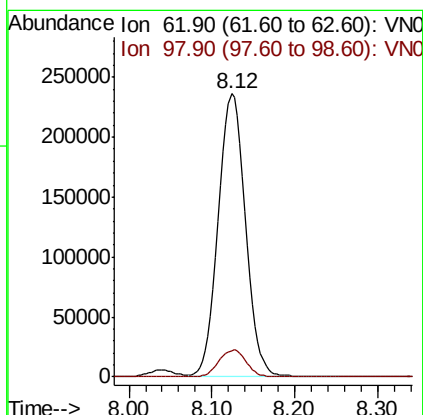
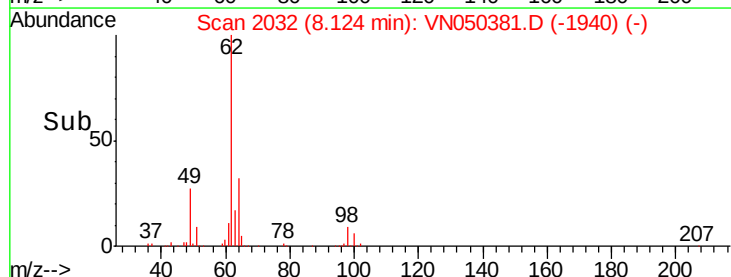
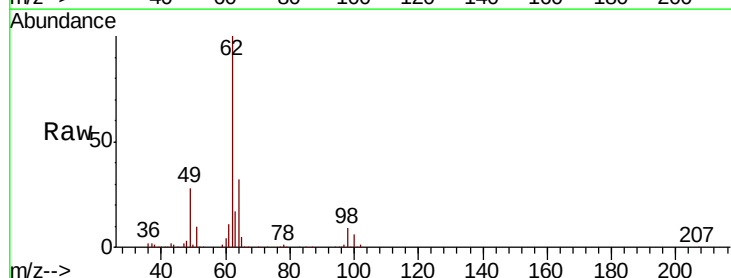
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080618

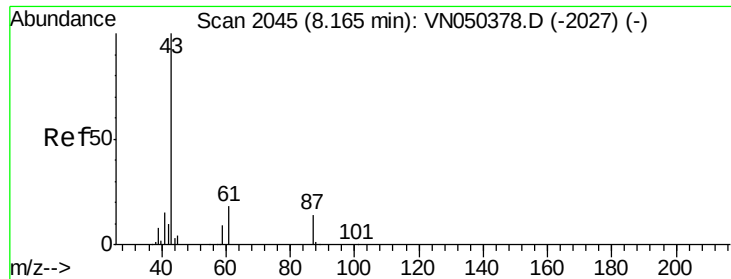
Tot Ion: 41 Resp: 209540
Ion Ratio Lower Upper
41 100
39 60.3 55.8 83.6
67 82.8 84.3 126.5#
52 32.1 34.2 51.2#



#42
1,2-Dichloroethane
Concen: 48.03 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion: 62 Resp: 540281
Ion Ratio Lower Upper
62 100
98 9.7 0.0 18.8





#43

Isopropyl Acetate

Concen: 46.86 ug/l

RT: 8.17 min Scan# 2045

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICV080618

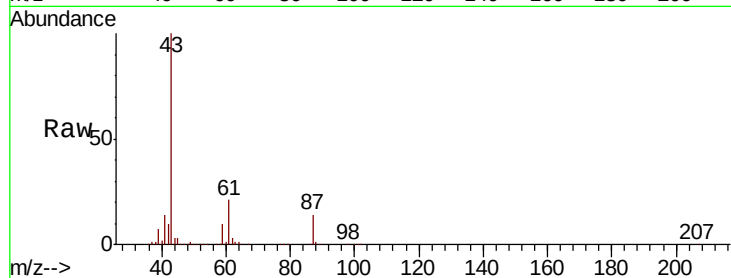
Tot Ion: 43 Resp: 671306

Ion Ratio Lower Upper

43 100

61 29.3 15.8 23.6#

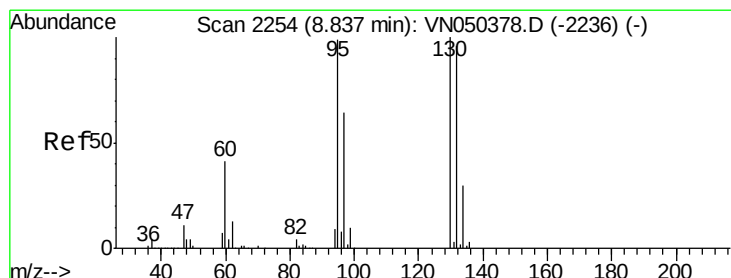
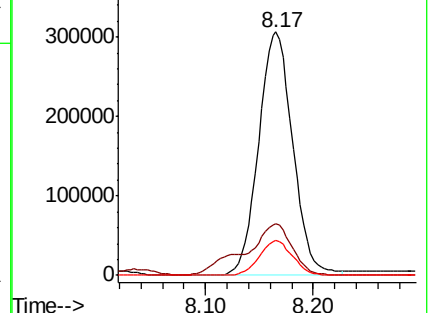
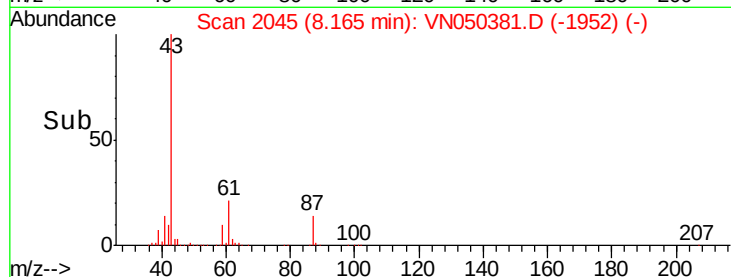
87 13.9 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050381.D (-1952) (-)

Ion 61.00 (60.70 to 61.70): VN050381.D (-1952) (-)

Ion 87.00 (86.70 to 87.70): VN050381.D (-1952) (-)



#44

Trichloroethene

Concen: 48.41 ug/l

RT: 8.83 min Scan# 2253

Delta R.T. -0.00 min

Lab File: VN050381.D

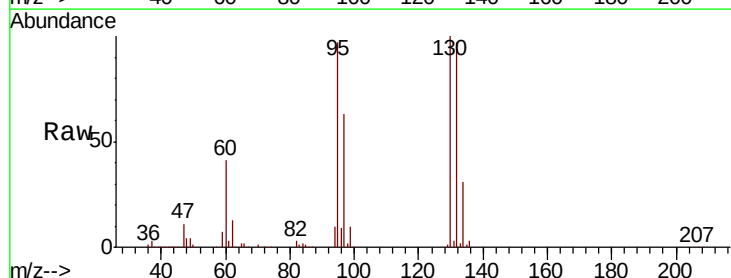
Acq: 6 Aug 2018 14:04

Tgt Ion:130 Resp: 460916

Ion Ratio Lower Upper

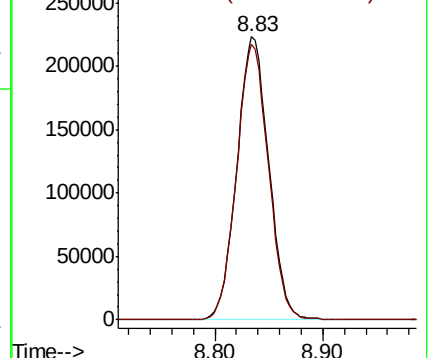
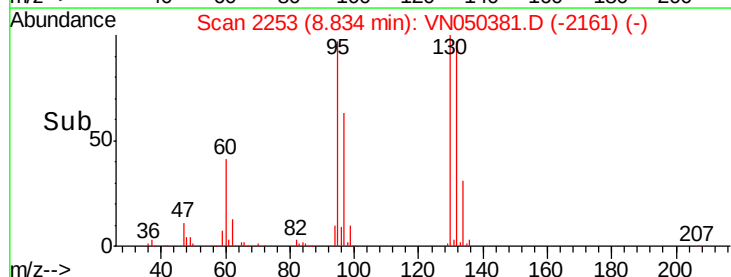
130 100

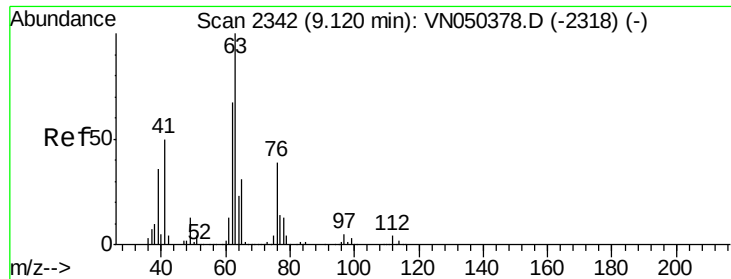
95 97.4 0.0 194.6



Abundance Ion 129.80 (129.50 to 130.50): VN050381.D (-2161) (-)

Ion 94.90 (94.60 to 95.60): VN050381.D (-2161) (-)

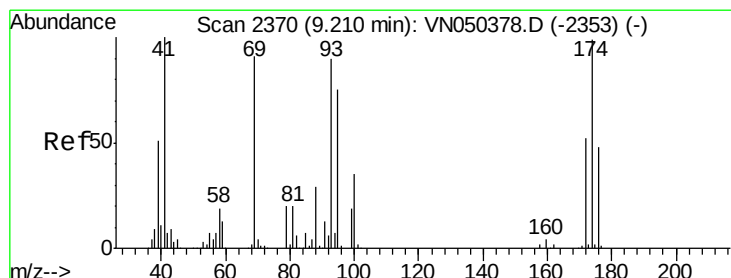
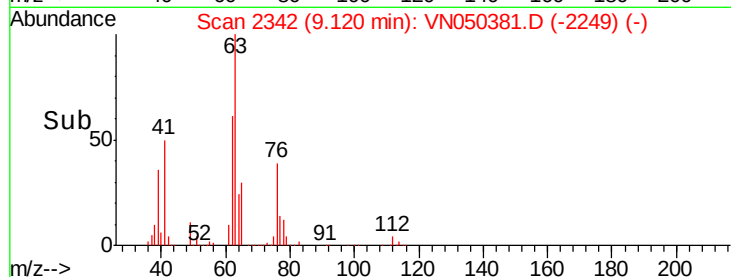
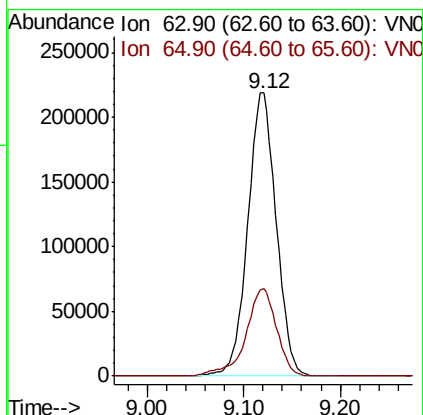
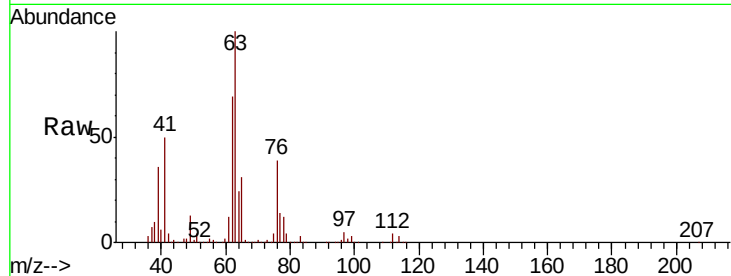




#45
 1,2-Dichloropropane
 Concen: 47.98 ug/l
 RT: 9.12 min Scan# 2342
 Delta R.T. 0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

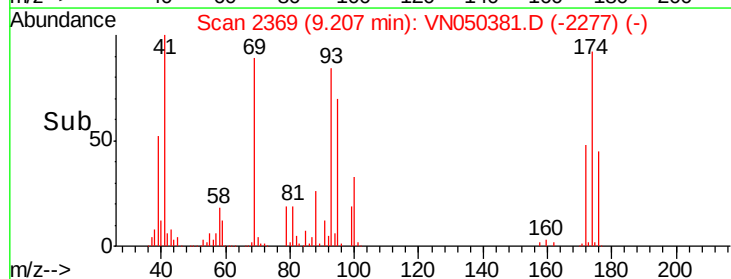
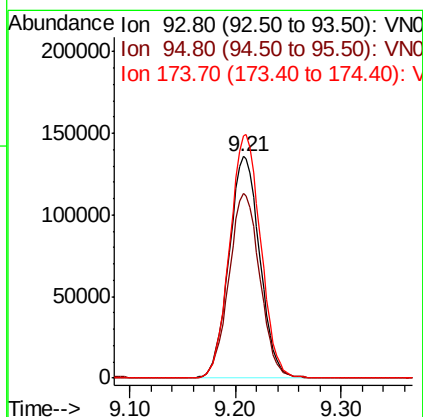
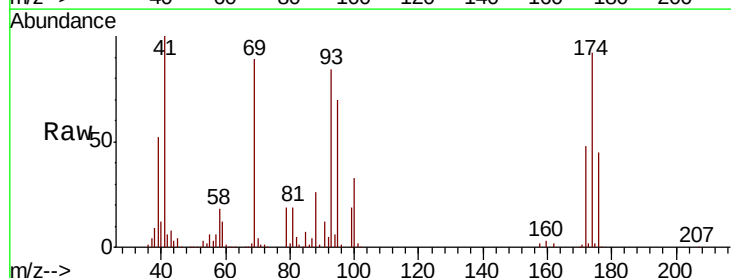
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080618

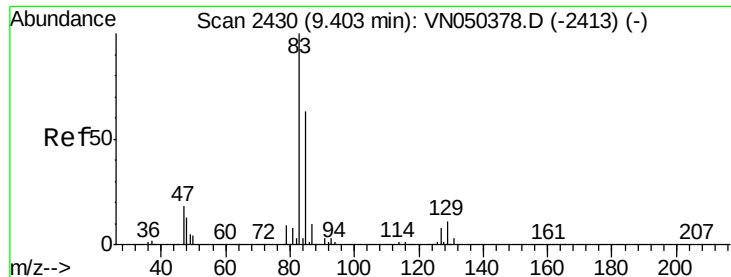
Tot Ion: 63 Resp: 446908
 Ion Ratio Lower Upper
 63 100
 65 31.0 25.5 38.3



#46
 Dibromomethane
 Concen: 47.77 ug/l
 RT: 9.21 min Scan# 2369
 Delta R.T. -0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

Tgt Ion: 93 Resp: 274761
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.6 100.0
 174 110.5 87.1 130.7

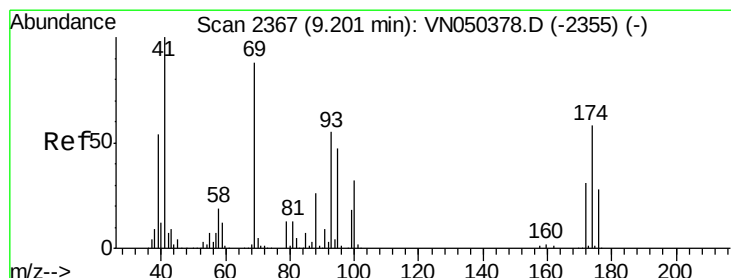
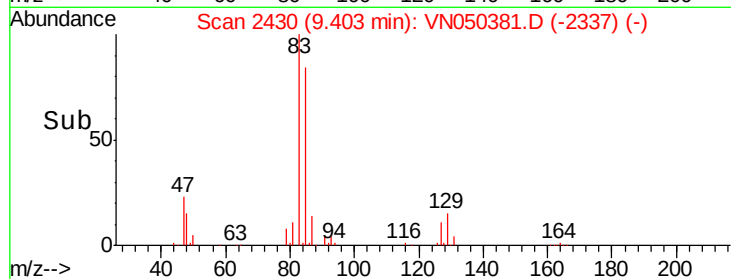
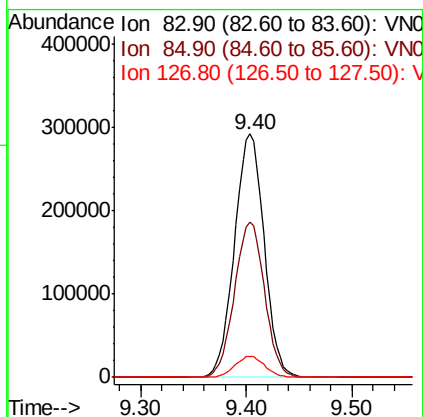
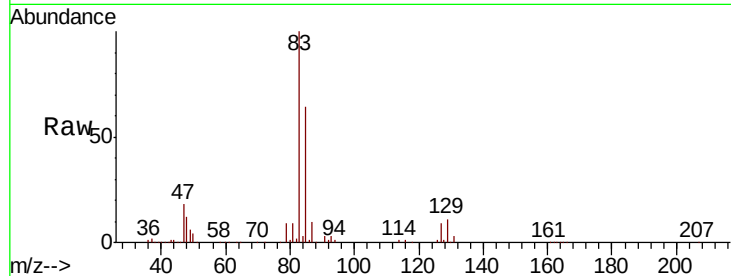




#47
Bromodichloromethane
Concen: 47.82 ug/l
RT: 9.40 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

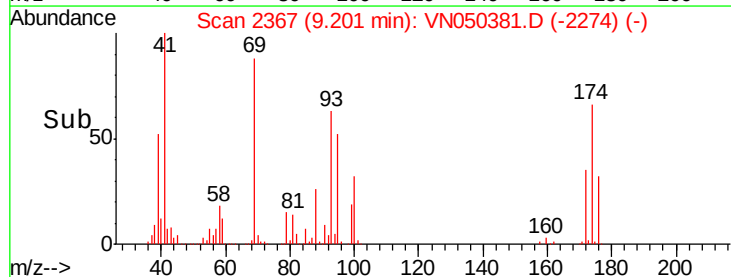
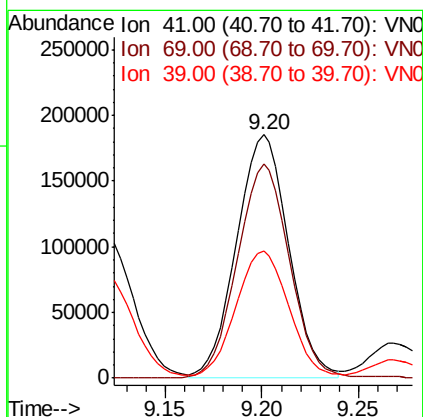
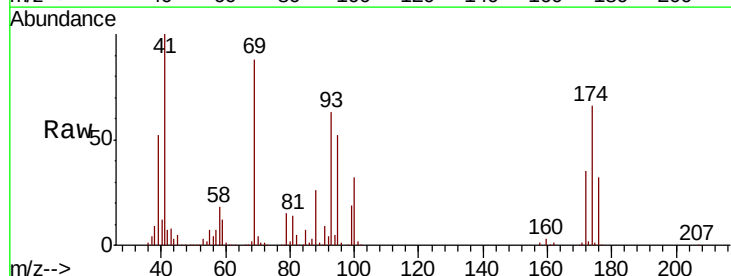
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080618

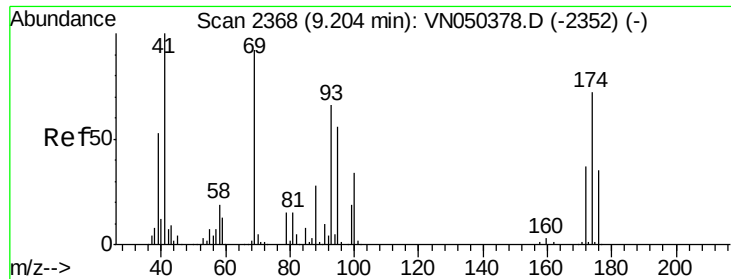
Tot Ion	83	Resp	569757
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.1	76.7
127	8.7	7.0	10.4



#48
Methyl methacrylate
Concen: 48.28 ug/l
RT: 9.20 min Scan# 2367
Delta R.T. 0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion	41	Resp	346678
Ion	Ratio	Lower	Upper
41	100		
69	88.8	70.6	105.8
39	53.5	43.9	65.9

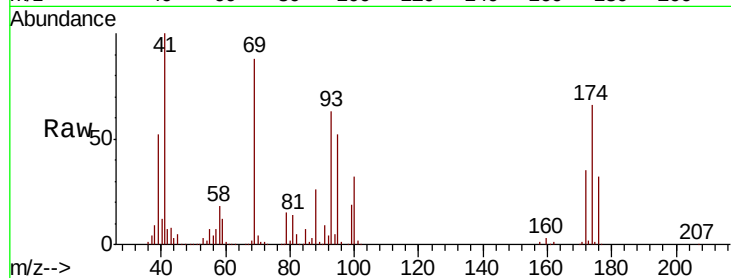




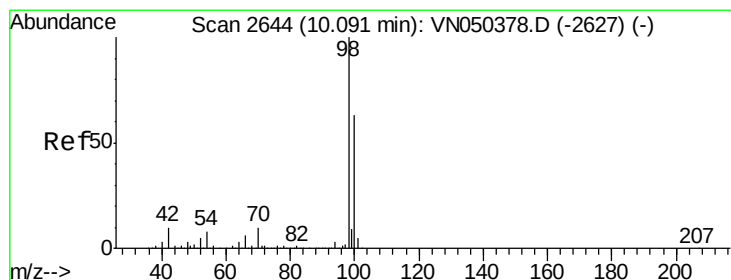
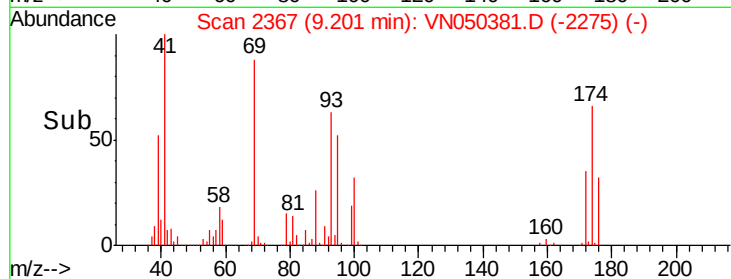
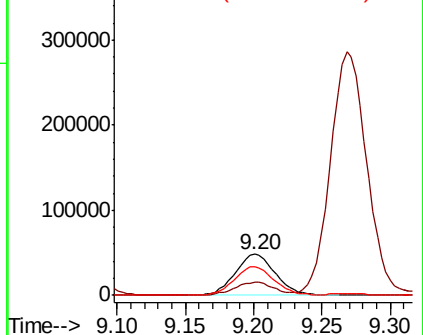
#49
 1,4-Dioxane
 Concen: 889.14 ug/l
 RT: 9.20 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080618

Tot Ion: 88 Resp: 98414
 Ion Ratio Lower Upper
 88 100
 43 30.2 26.9 40.3
 58 69.6 57.3 85.9

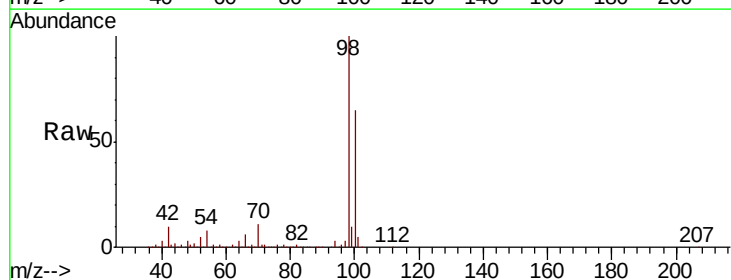


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

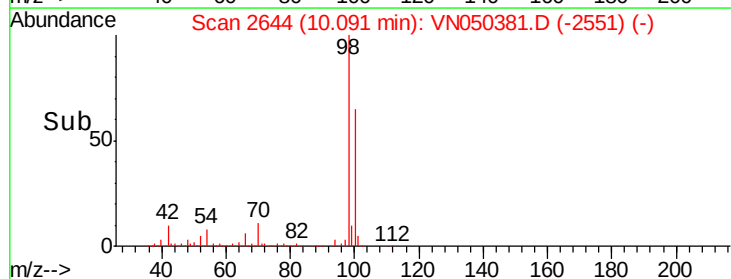
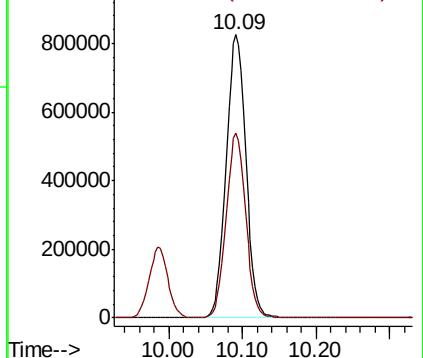


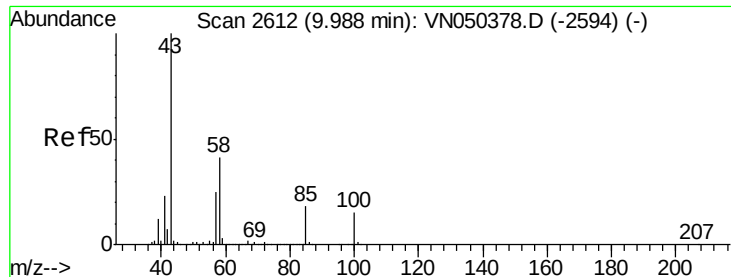
#50
 Toluene-d8
 Concen: 48.58 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

Tgt Ion: 98 Resp: 1537226
 Ion Ratio Lower Upper
 98 100
 100 64.6 50.7 76.1



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

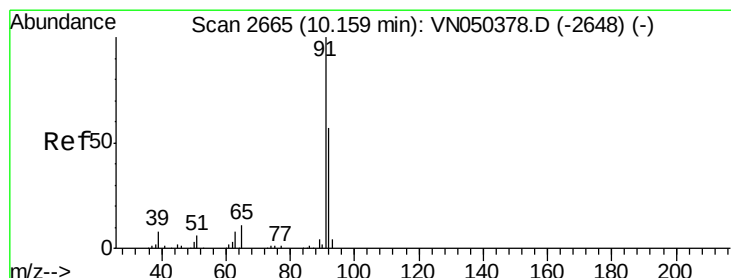
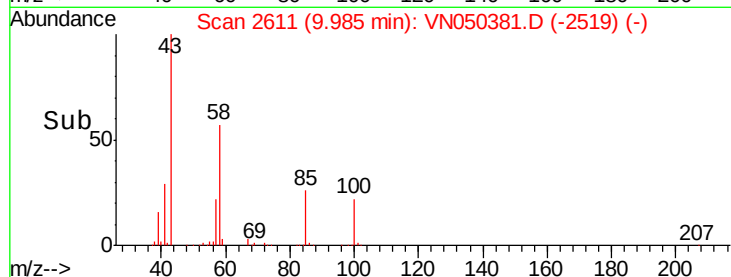
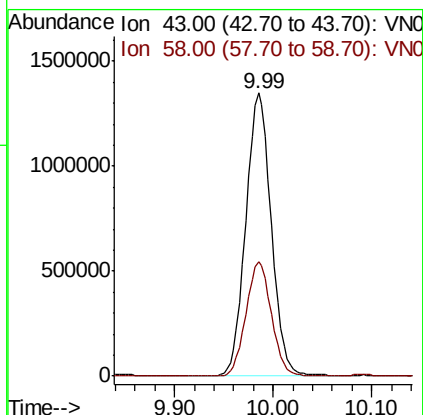
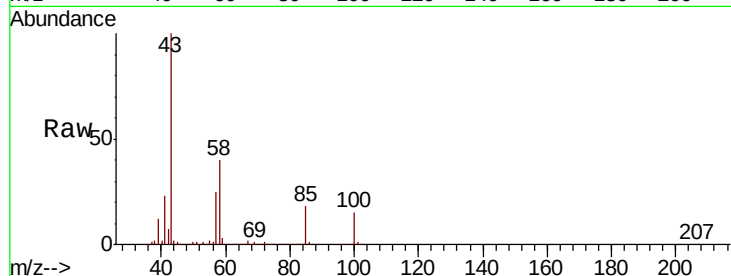




#51
 4-Methyl-2-Pentanone
 Concen: 232.17 ug/l
 RT: 9.99 min Scan# 2611
 Delta R.T. -0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

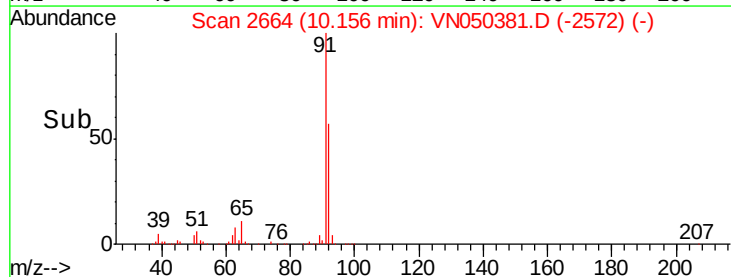
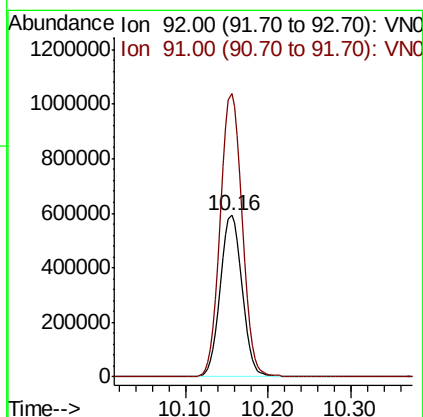
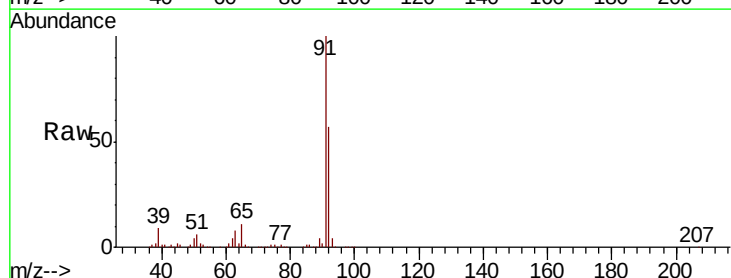
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN080618

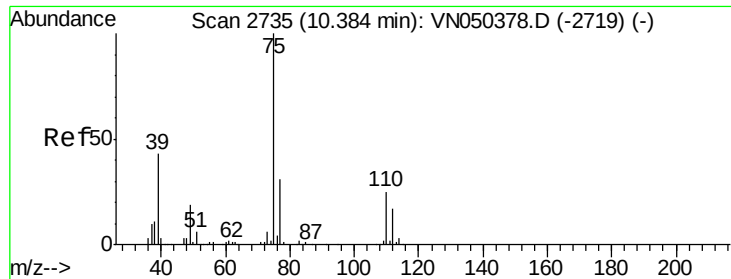
Tot Ion: 43 Resp: 2395524
 Ion Ratio Lower Upper
 43 100
 58 40.5 31.9 47.9



#52
 Toluene
 Concen: 50.70 ug/l
 RT: 10.16 min Scan# 2664
 Delta R.T. -0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

Tgt Ion: 92 Resp: 1079051
 Ion Ratio Lower Upper
 92 100
 91 176.2 140.3 210.5

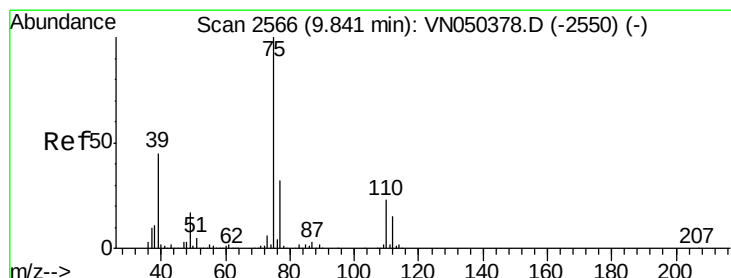
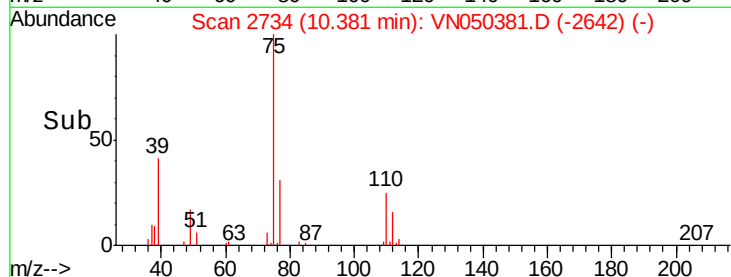
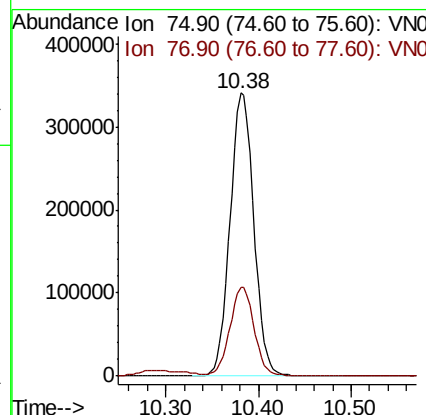
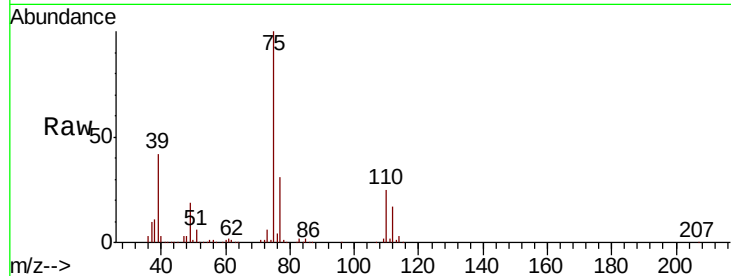




#53
t-1,3-Dichloropropene
Concen: 50.75 ug/l
RT: 10.38 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

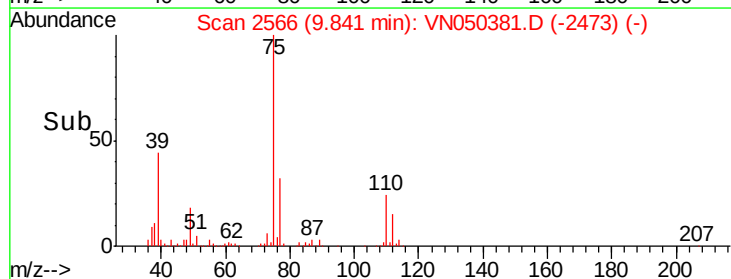
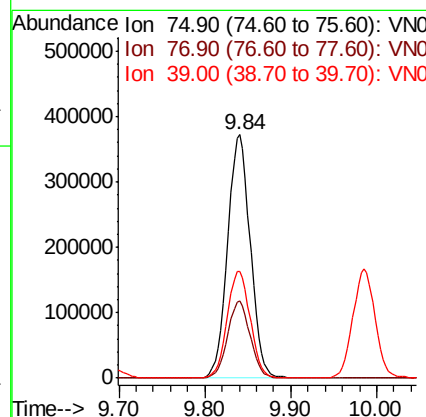
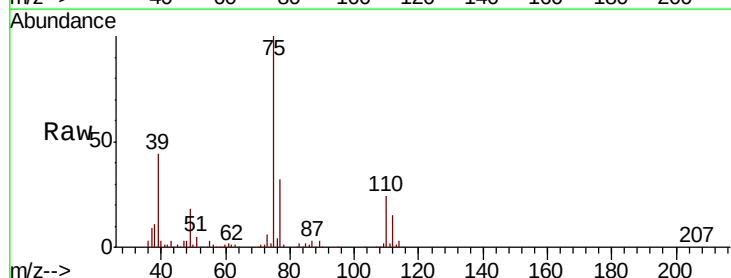
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080618

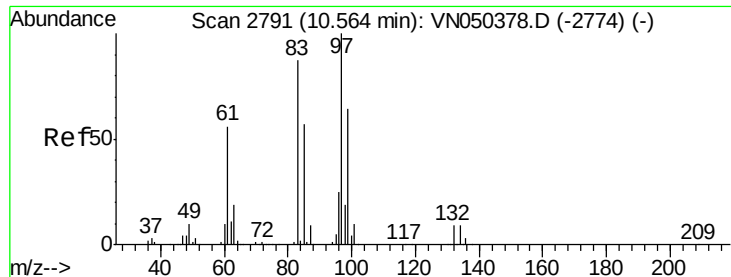
Tot Ion: 75 Resp: 607060
Ion Ratio Lower Upper
75 100
77 31.3 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 51.10 ug/l
RT: 9.84 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion: 75 Resp: 682210
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 43.9 36.6 55.0

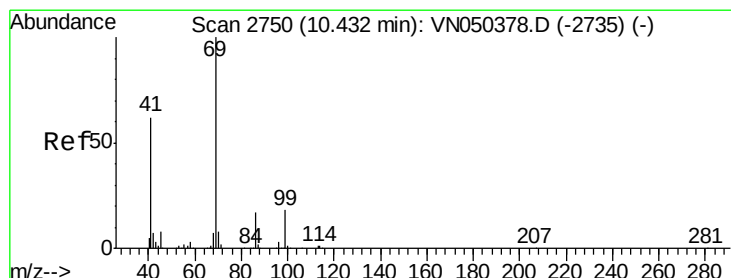
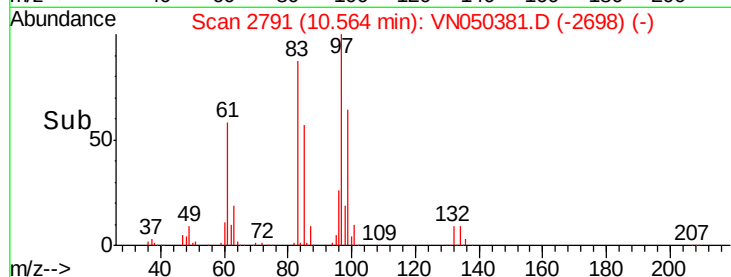
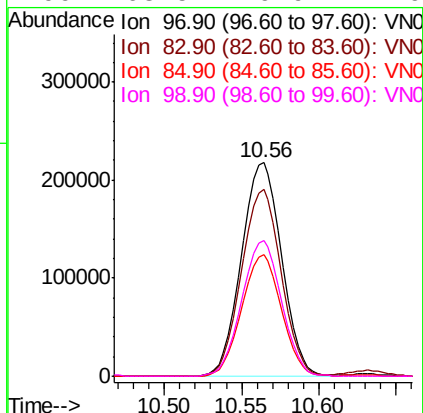
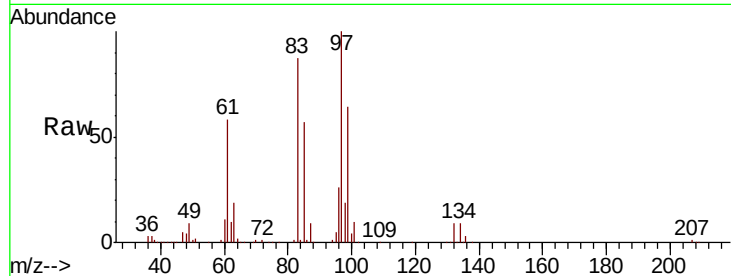




#55
 1,1,2-Trichloroethane
 Concen: 47.53 ug/l
 RT: 10.56 min Scan# 2791
 Delta R.T. 0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

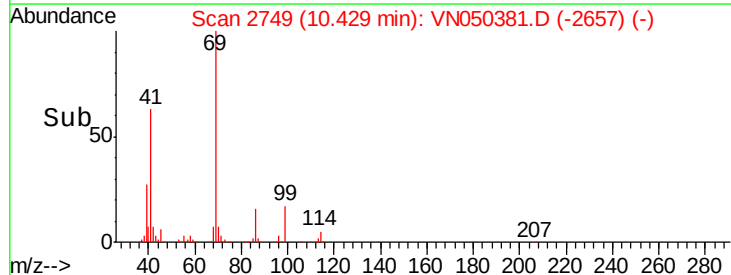
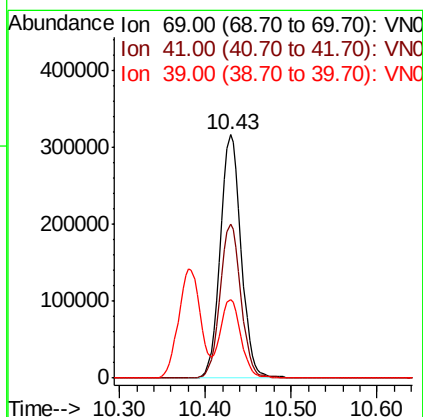
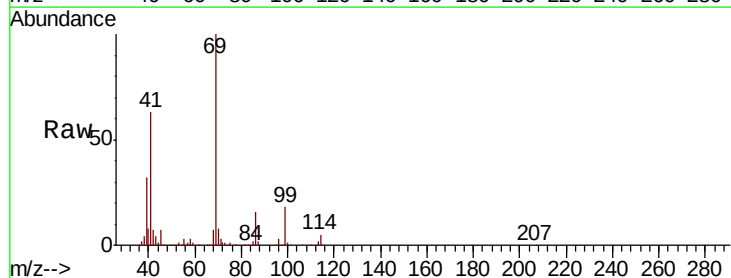
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080618

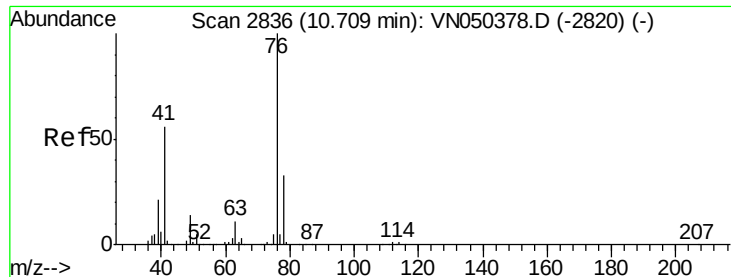
Tot Ion:	97	Resp:	394928
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.2	103.8
85	57.2	44.0	66.0
99	63.5	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 45.57 ug/l
 RT: 10.43 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

Tgt Ion:	69	Resp:	533919
Ion	Ratio	Lower	Upper
69	100		
41	62.9	51.0	76.4
39	32.3	26.6	40.0





#57

1,3-Dichloropropane

Concen: 49.12 ug/l

RT: 10.71 min Scan# 2836

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

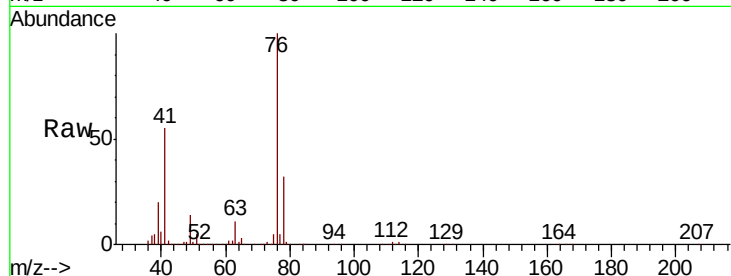
ICVFN080618

Tot Ion: 76 Resp: 669883

Ion Ratio Lower Upper

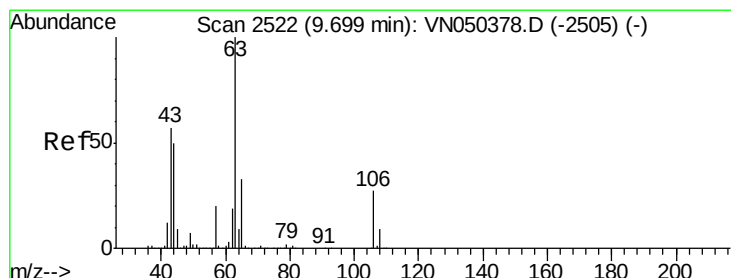
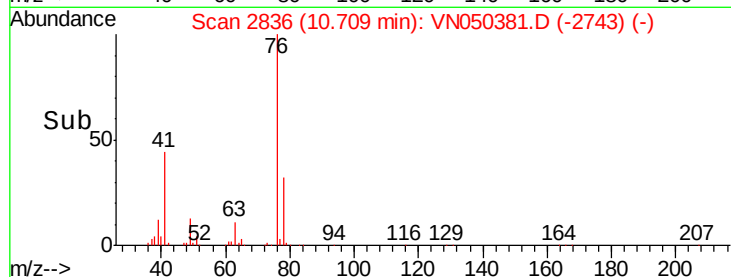
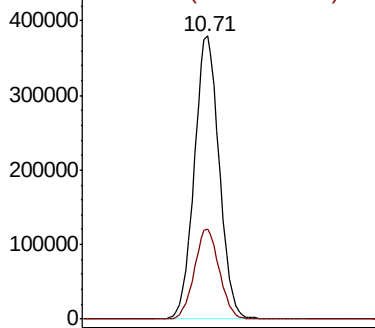
76 100

78 32.1 25.7 38.5



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: 232.78 ug/l

RT: 9.70 min Scan# 2521

Delta R.T. -0.00 min

Lab File: VN050381.D

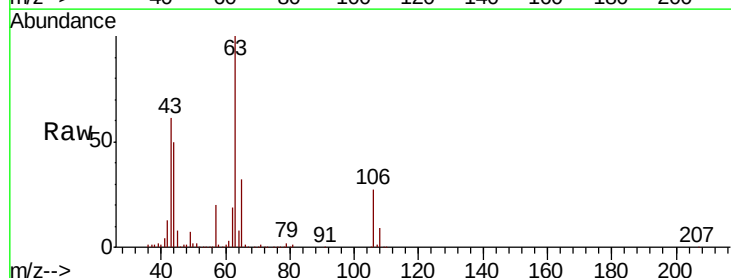
Acq: 6 Aug 2018 14:04

Tgt Ion: 63 Resp: 1272880

Ion Ratio Lower Upper

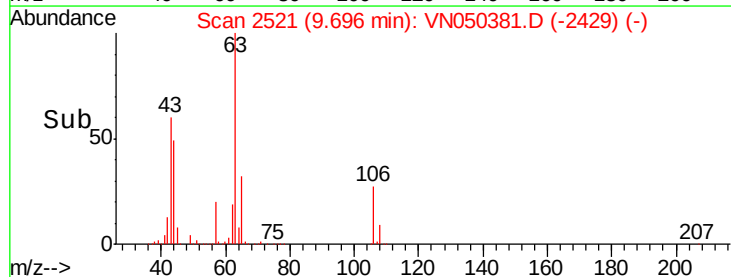
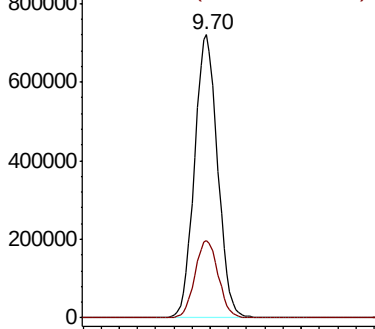
63 100

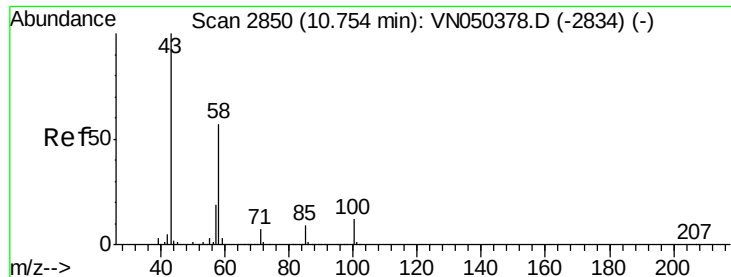
106 27.7 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

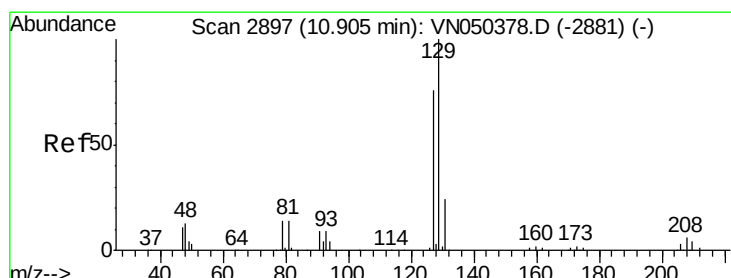
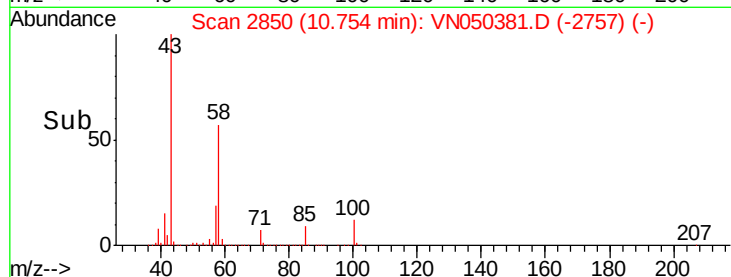
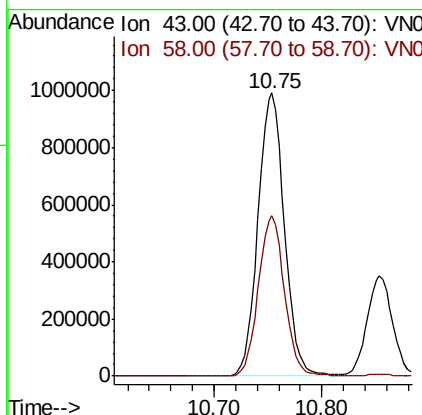
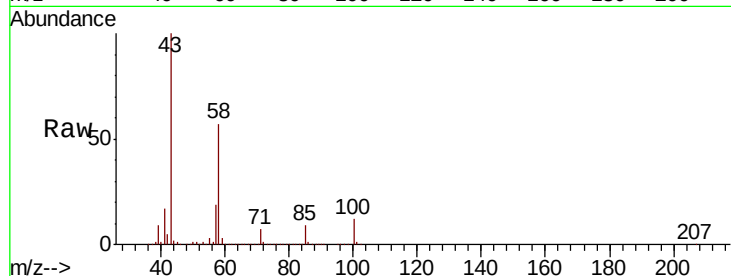




#59
2-Hexanone
Concen: 232.47 ug/l
RT: 10.75 min Scan# 2850
Delta R.T. 0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

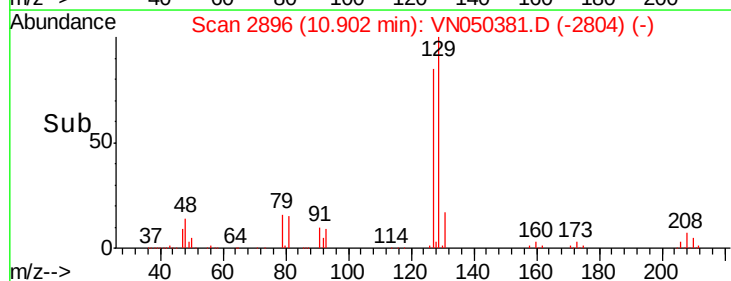
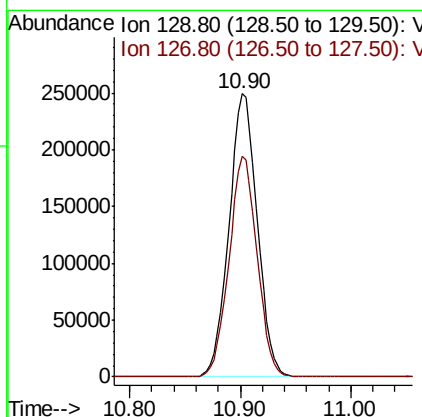
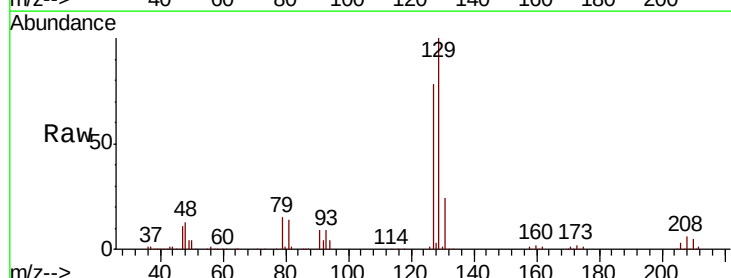
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080618

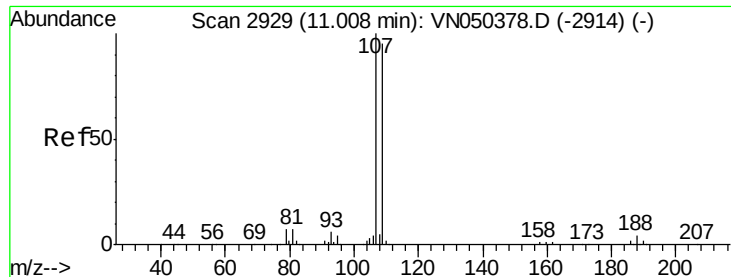
Tot Ion: 43 Resp: 1673934
Ion Ratio Lower Upper
43 100
58 56.3 27.6 82.7



#60
Dibromochloromethane
Concen: 48.31 ug/l
RT: 10.90 min Scan# 2896
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion: 129 Resp: 442224
Ion Ratio Lower Upper
129 100
127 77.4 38.0 113.9

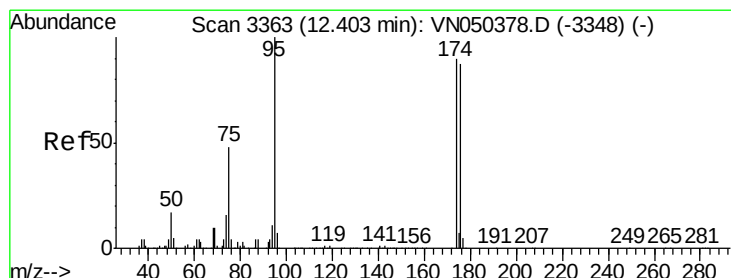
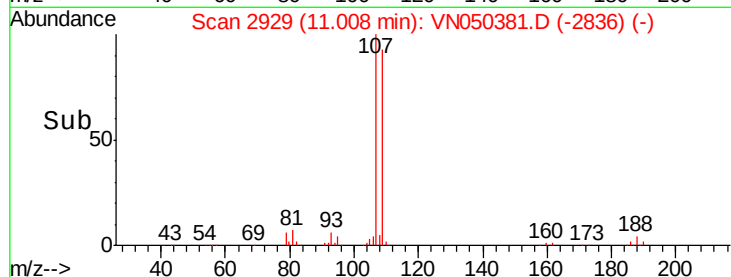
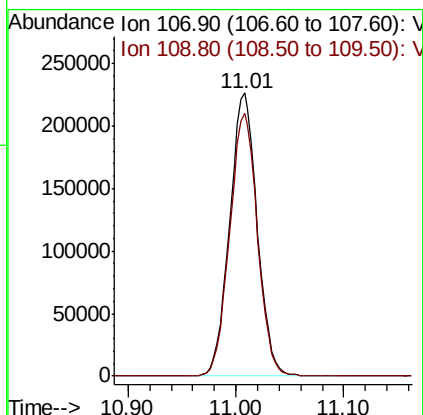
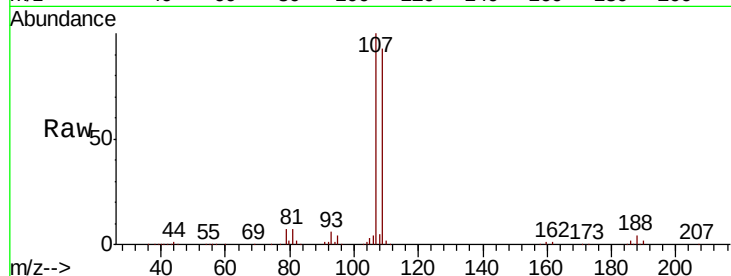




#61
 1,2-Dibromoethane
 Concen: 49.24 ug/l
 RT: 11.01 min Scan# 2929
 Delta R.T. 0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

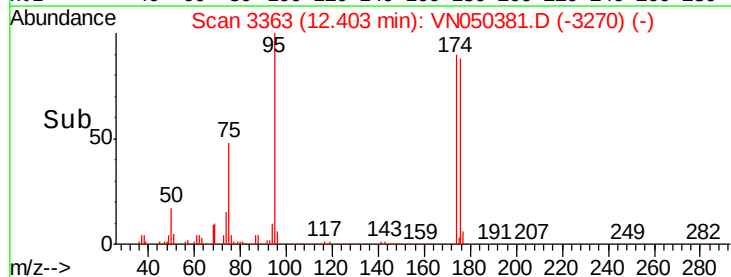
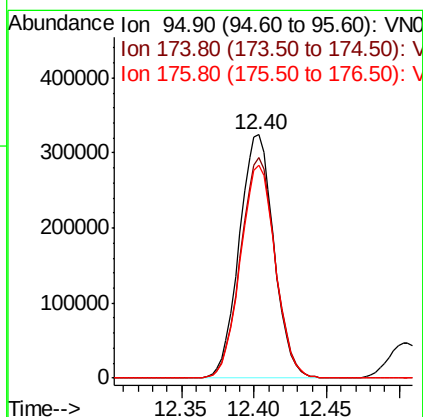
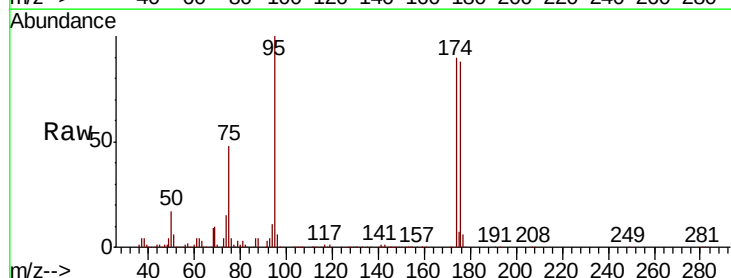
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN080618

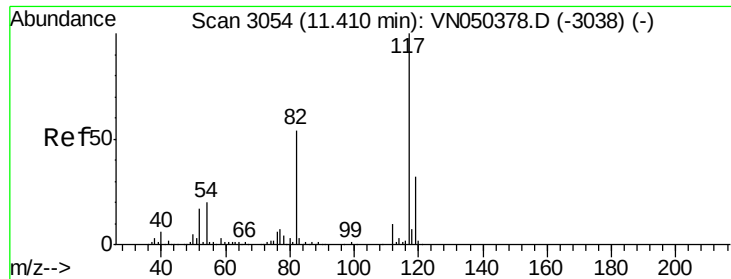
Tot Ion:107 Resp: 403294
 Ion Ratio Lower Upper
 107 100
 109 93.7 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 50.01 ug/l
 RT: 12.40 min Scan# 3363
 Delta R.T. 0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

Tgt Ion: 95 Resp: 539376
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 178.2
 176 88.1 0.0 173.4

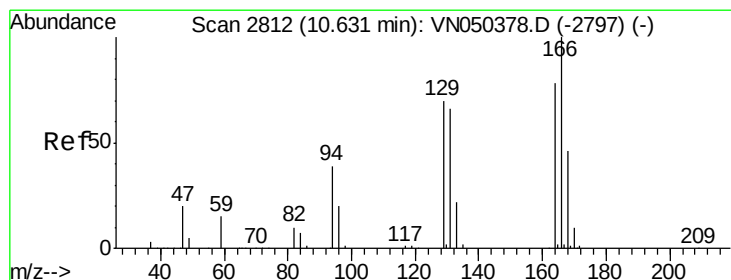
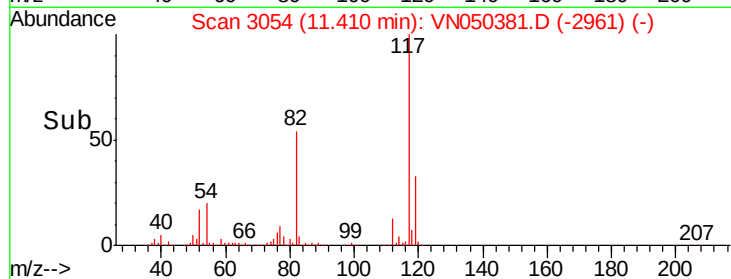
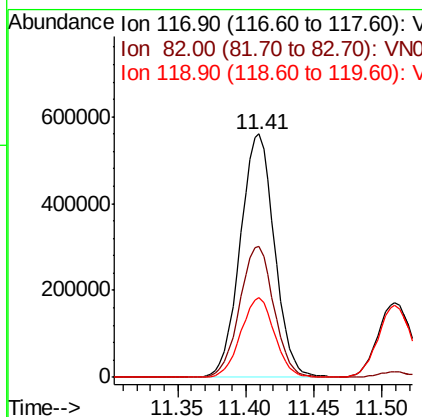
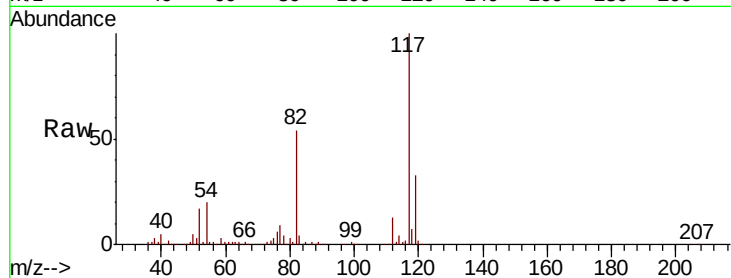




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

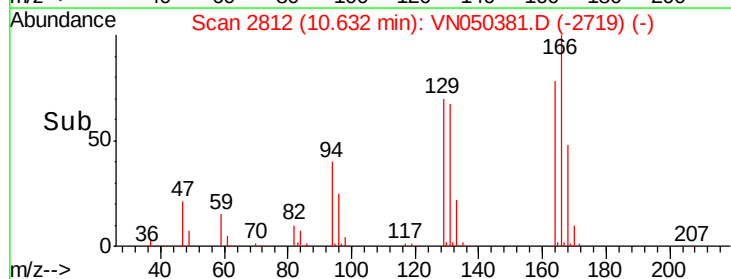
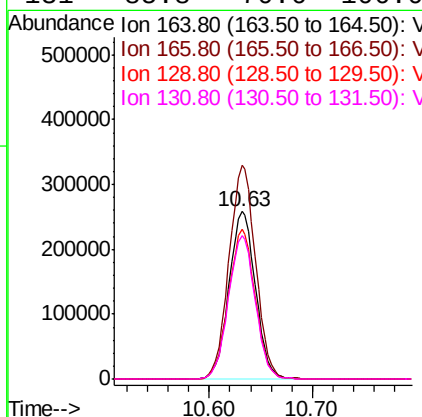
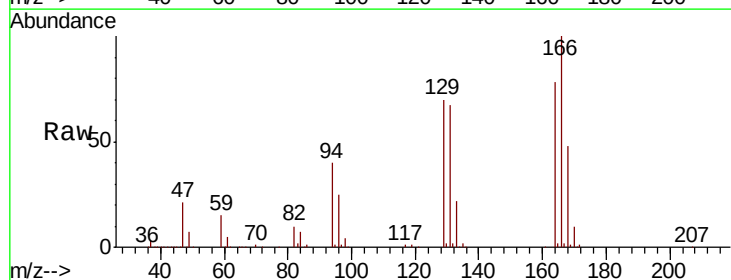
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080618

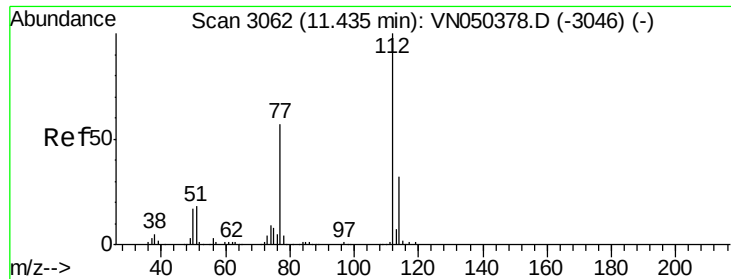
Tot Ion:117 Resp: 975470
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.6 26.1 39.1



#64
Tetrachloroethene
Concen: 50.74 ug/l
RT: 10.63 min Scan# 2812
Delta R.T. 0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion:164 Resp: 462491
Ion Ratio Lower Upper
164 100
166 127.5 102.1 153.1
129 89.3 73.2 109.8
131 85.8 70.6 106.0

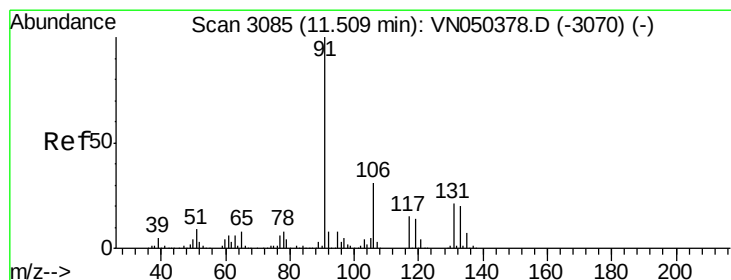
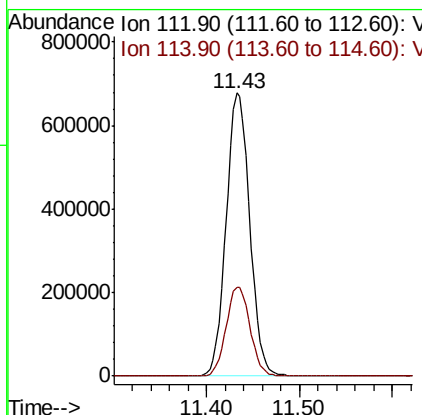
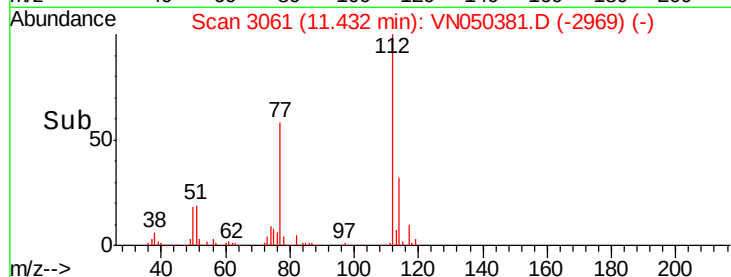
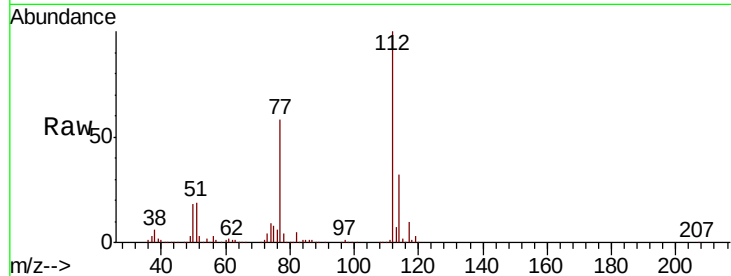




#65
Chlorobenzene
Concen: 48.80 ug/l
RT: 11.43 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

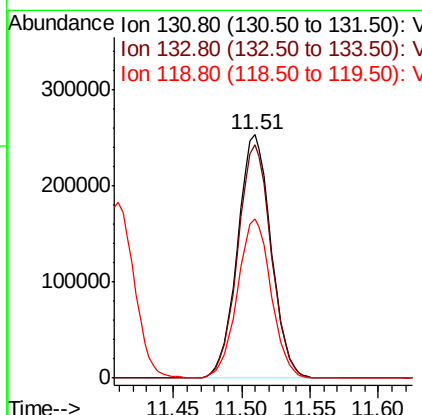
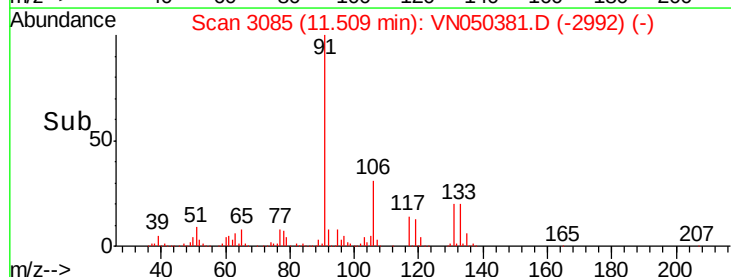
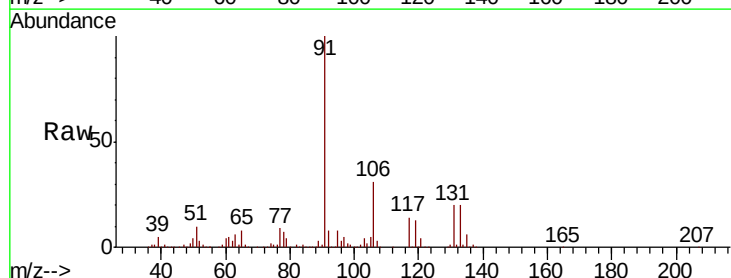
Instrument :
MSVOA_N
ClientSampleId :
ICVVN080618

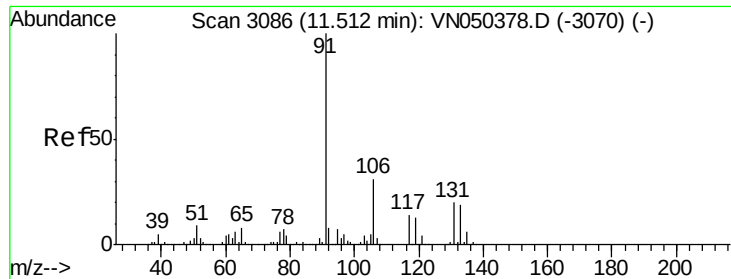
Tot Ion:112 Resp: 1193536
Ion Ratio Lower Upper
112 100
114 31.6 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.50 ug/l
RT: 11.51 min Scan# 3085
Delta R.T. 0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion:131 Resp: 431673
Ion Ratio Lower Upper
131 100
133 95.6 47.3 141.9
119 65.6 32.9 98.7





#67

Ethyl Benzene

Concen: 52.46 ug/l

RT: 11.51 min Scan# 3086

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

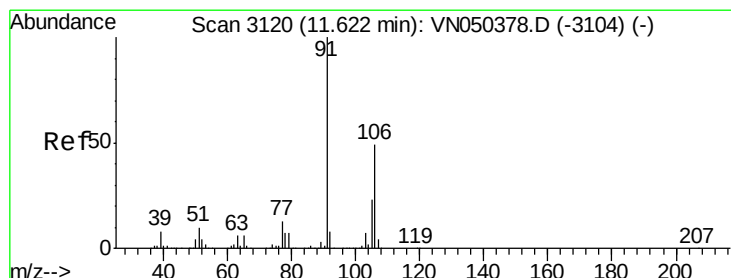
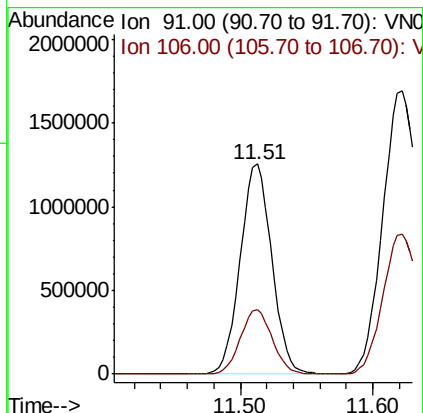
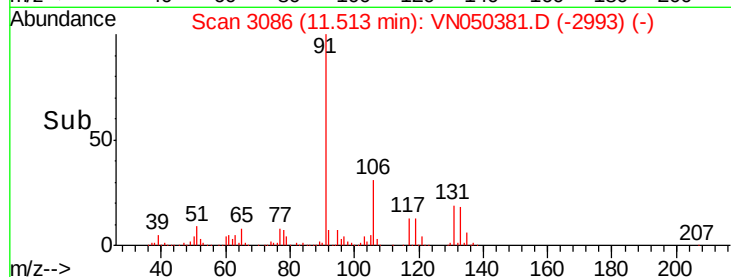
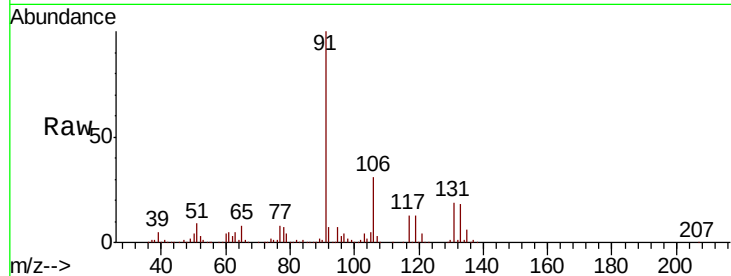
ICVVN080618

Tot Ion: 91 Resp: 2073792

Ion Ratio Lower Upper

91 100

106 30.9 25.0 37.4



#68

m/p-Xylenes

Concen: 107.50 ug/l

RT: 11.62 min Scan# 3120

Delta R.T. 0.00 min

Lab File: VN050381.D

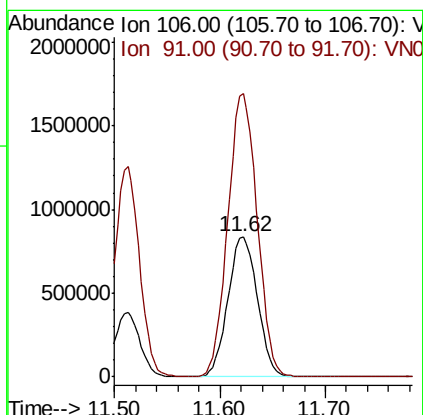
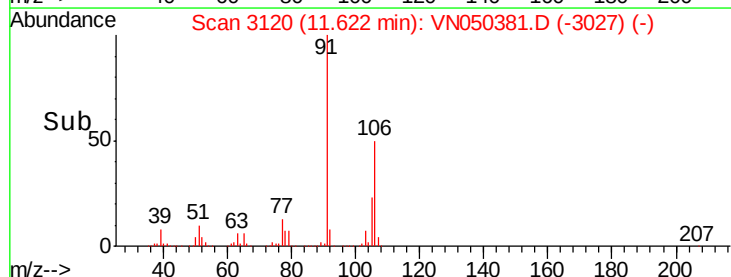
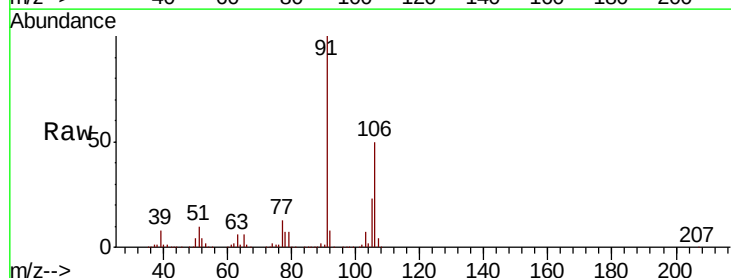
Acq: 6 Aug 2018 14:04

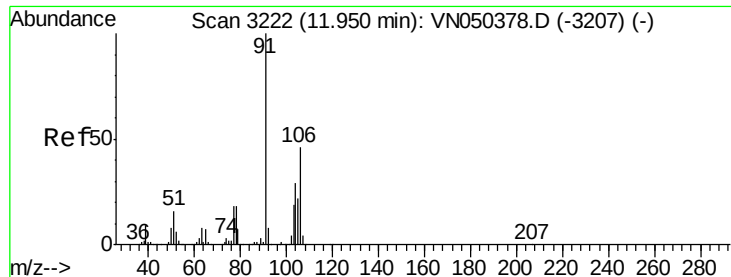
Tgt Ion: 106 Resp: 1617835

Ion Ratio Lower Upper

106 100

91 201.3 162.2 243.2

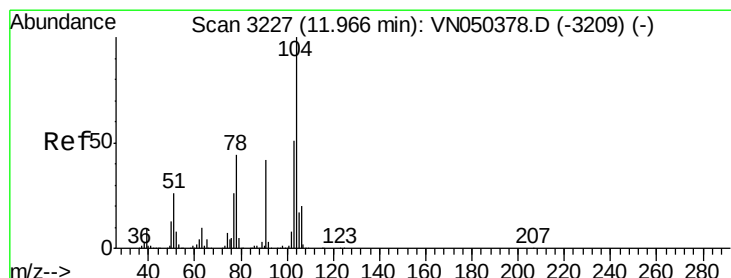
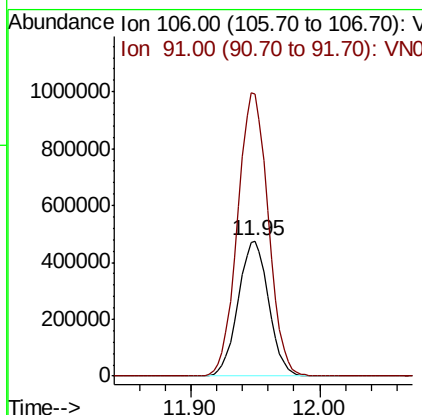
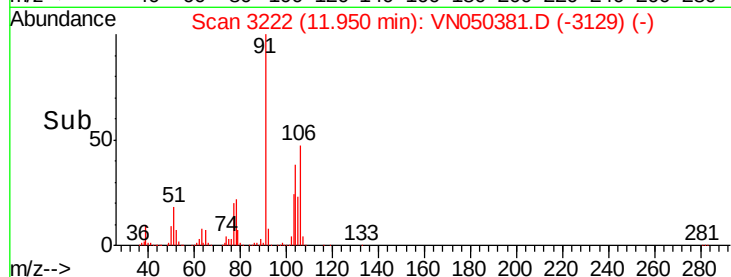
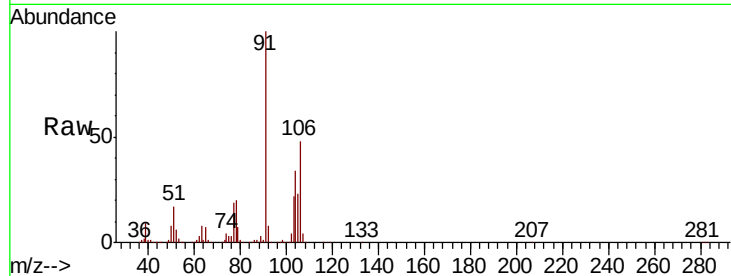




#69
o-Xylene
Concen: 53.84 ug/l
RT: 11.95 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

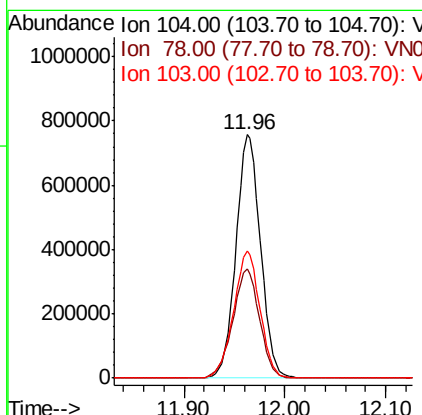
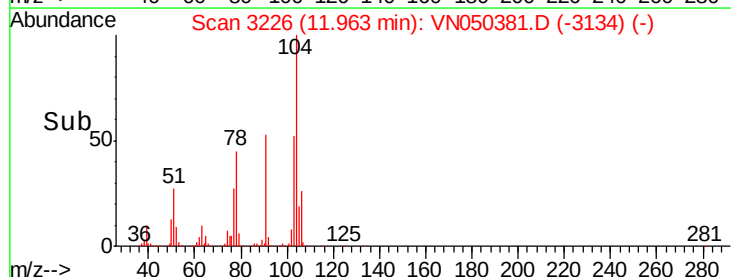
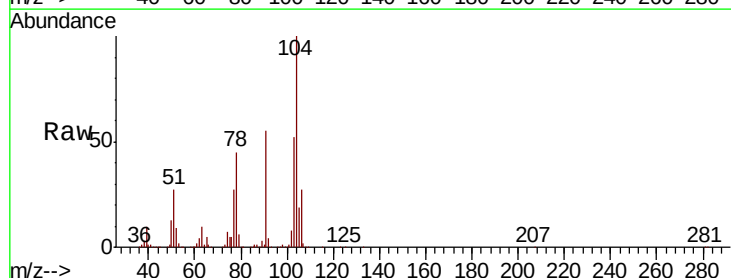
Instrument :
MSVOA_N
ClientSampled :
ICVVN080618

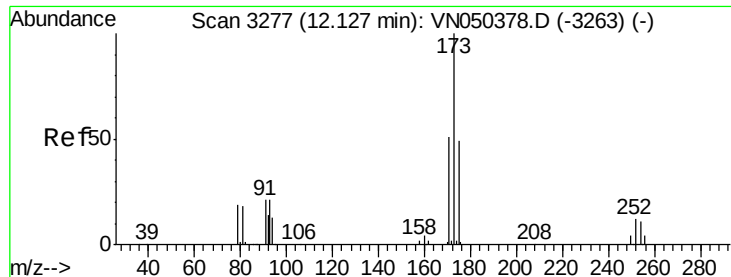
Tot Ion:106 Resp: 780497
Ion Ratio Lower Upper
106 100
91 211.2 107.7 323.1



#70
Styrene
Concen: 54.09 ug/l
RT: 11.96 min Scan# 3226
Delta R.T. -0.00 min
Lab File: VN050381.D
Acq: 6 Aug 2018 14:04

Tgt Ion:104 Resp: 1275195
Ion Ratio Lower Upper
104 100
78 48.9 39.3 58.9
103 56.1 45.0 67.6





#71

Bromoform

Concen: 48.51 ug/l

RT: 12.13 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080618

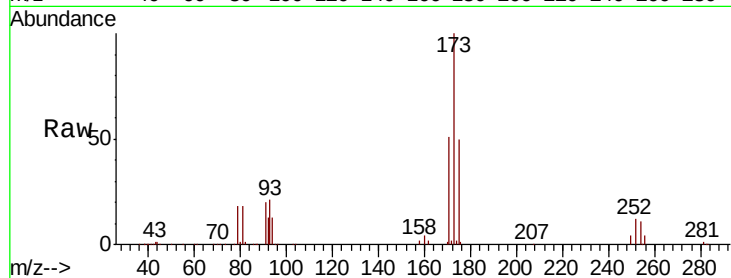
Tot Ion:173 Resp: 315571

Ion Ratio Lower Upper

173 100

175 49.1 24.1 72.2

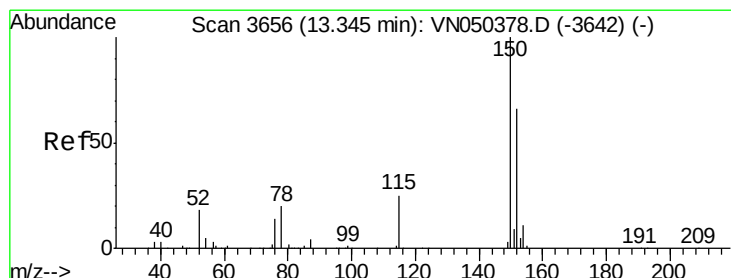
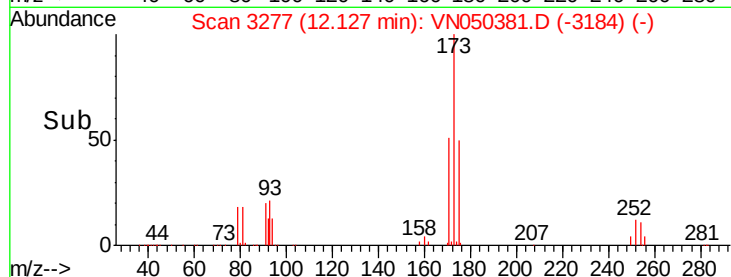
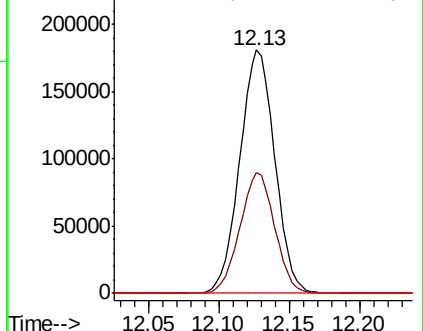
254 0.2 0.2 0.2#



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

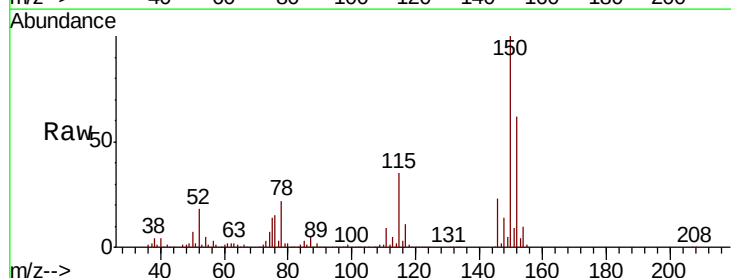
Tgt Ion:152 Resp: 544604

Ion Ratio Lower Upper

152 100

115 57.0 27.8 83.3

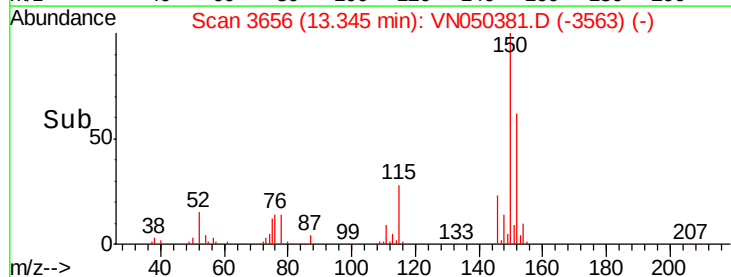
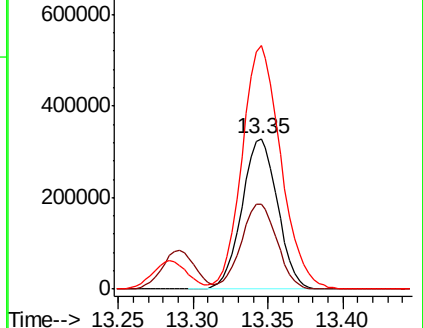
150 175.9 0.0 348.6

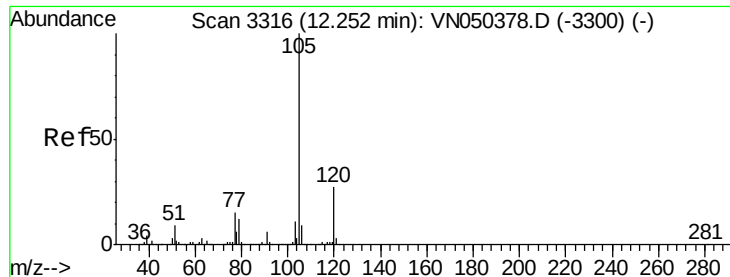


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.48 ug/l

RT: 12.25 min Scan# 3315

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

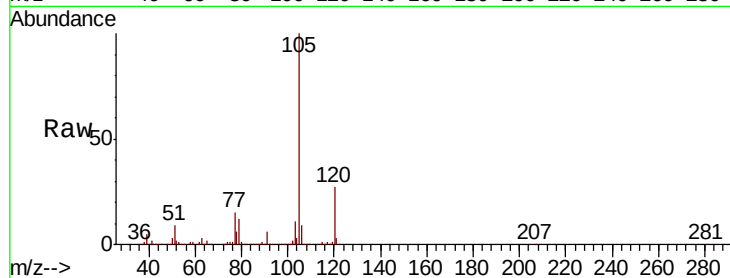
ICVVN080618

Tot Ion:105 Resp: 2063854

Ion Ratio Lower Upper

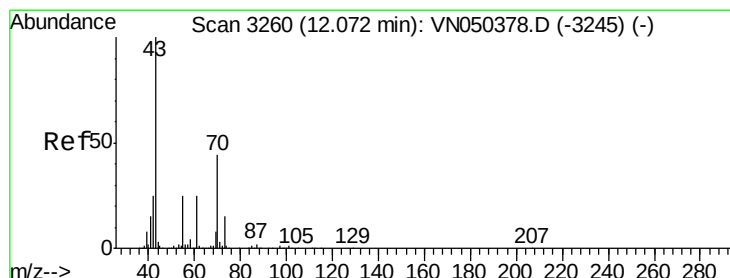
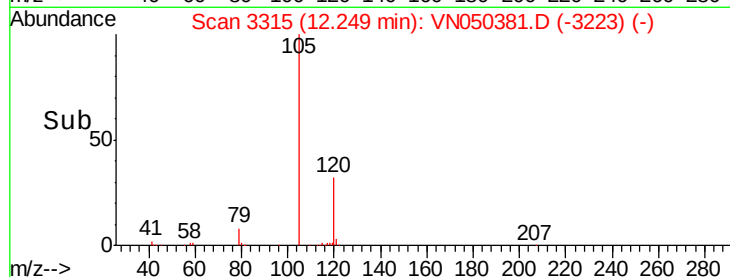
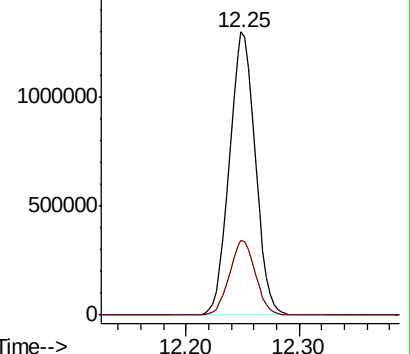
105 100

120 26.4 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.07 ug/l

RT: 12.07 min Scan# 3259

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Tgt Ion: 43 Resp: 610494

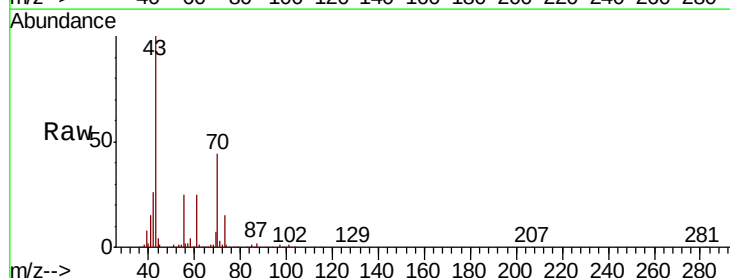
Ion Ratio Lower Upper

43 100

70 43.9 34.4 51.6

55 25.7 20.8 31.2

61 25.2 19.7 29.5

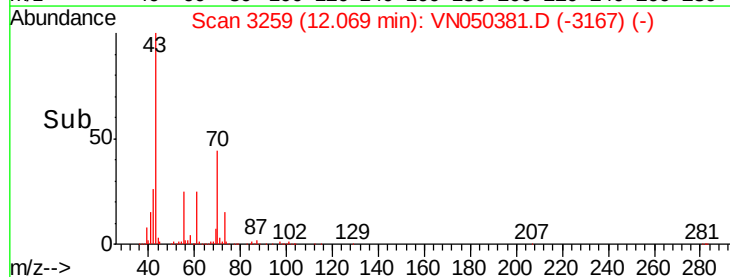
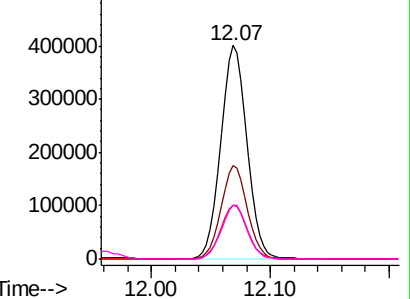


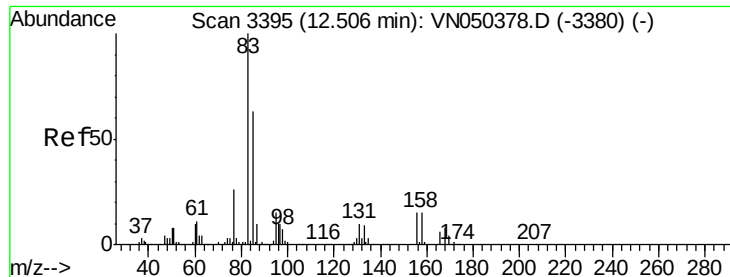
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 44.13 ug/l

RT: 12.51 min Scan# 3395

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICV080618

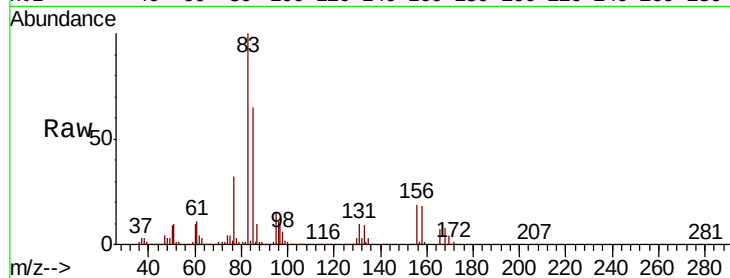
Tot Ion: 83 Resp: 520448

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

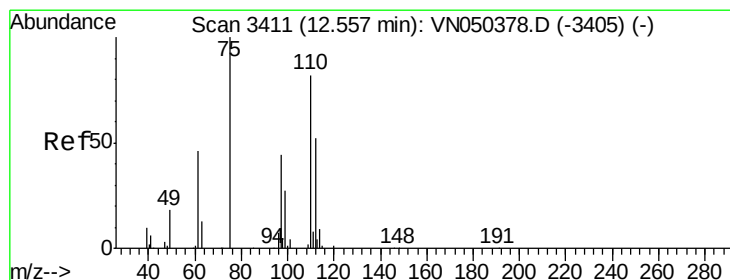
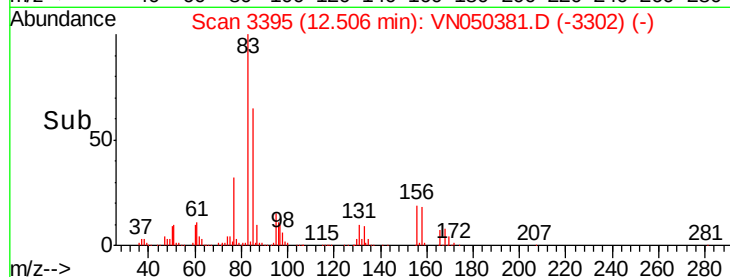
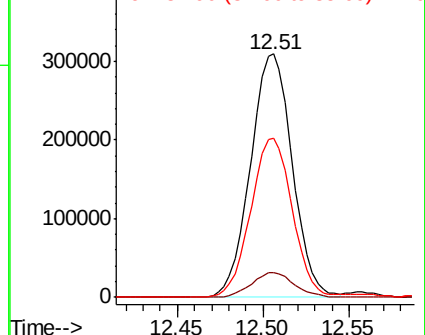
85 65.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 64.44 ug/l

RT: 12.55 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN050381.D

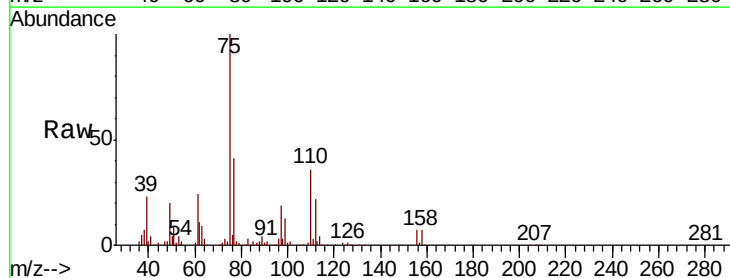
Acq: 6 Aug 2018 14:04

Tgt Ion: 75 Resp: 635227

Ion Ratio Lower Upper

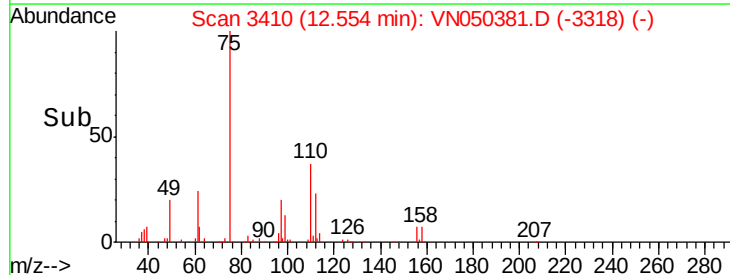
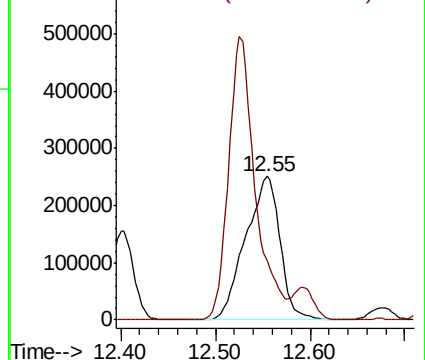
75 100

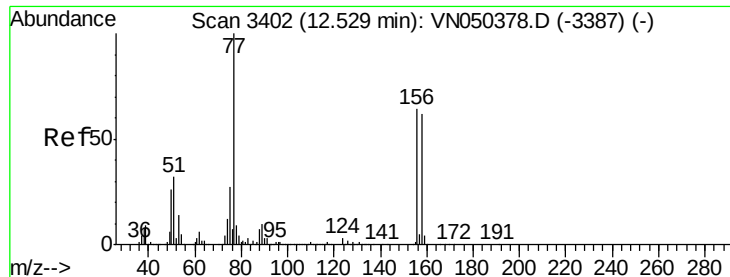
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.77 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVO080618

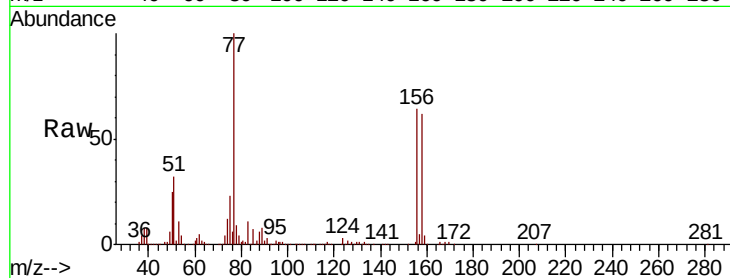
Tot Ion:156 Resp: 534163

Ion Ratio Lower Upper

156 100

77 182.3 91.7 275.1

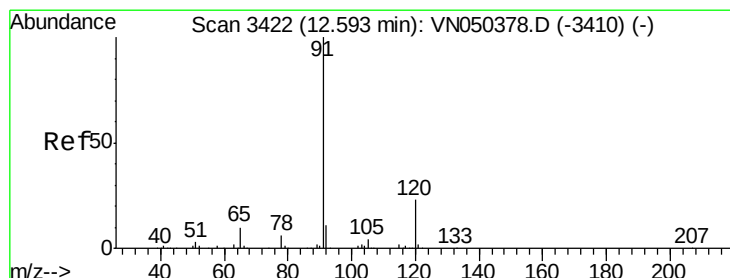
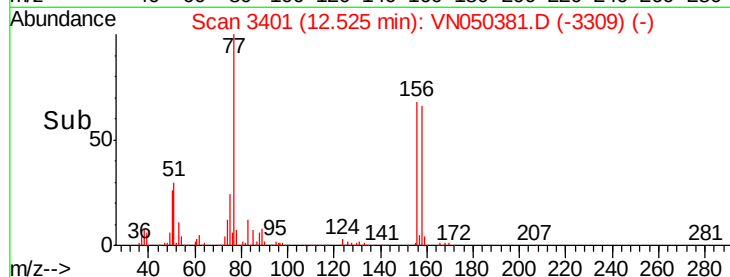
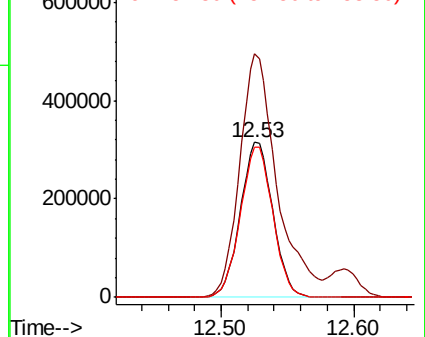
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.97 ug/l

RT: 12.59 min Scan# 3422

Delta R.T. 0.00 min

Lab File: VN050381.D

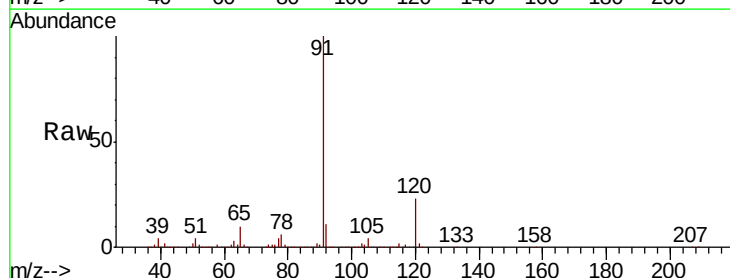
Acq: 6 Aug 2018 14:04

Tgt Ion: 91 Resp: 2405042

Ion Ratio Lower Upper

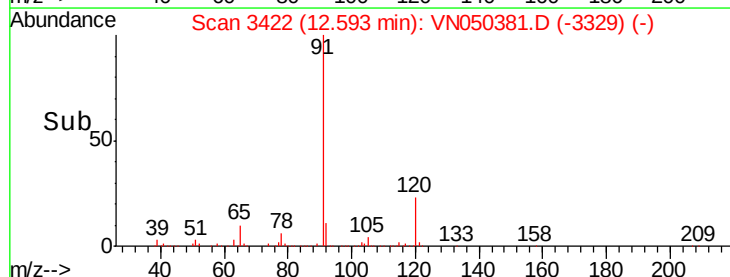
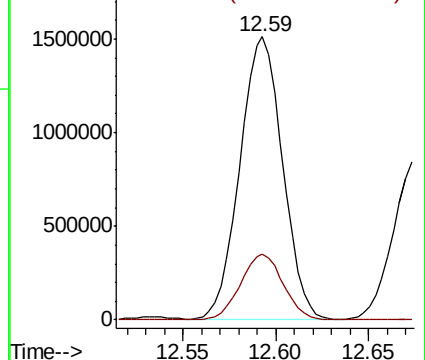
91 100

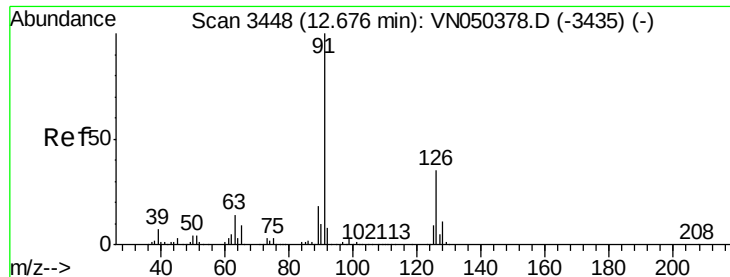
120 23.2 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.77 ug/l

RT: 12.68 min Scan# 3448

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampled :

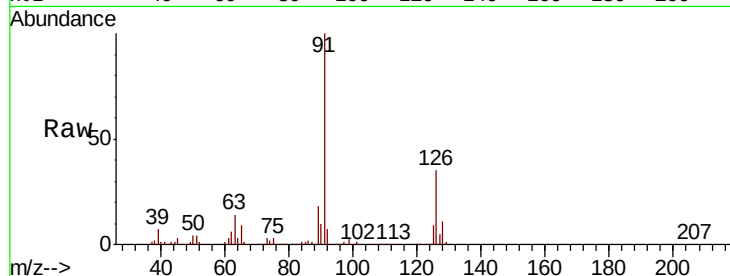
ICV080618

Tot Ion: 91 Resp: 1422526

Ion Ratio Lower Upper

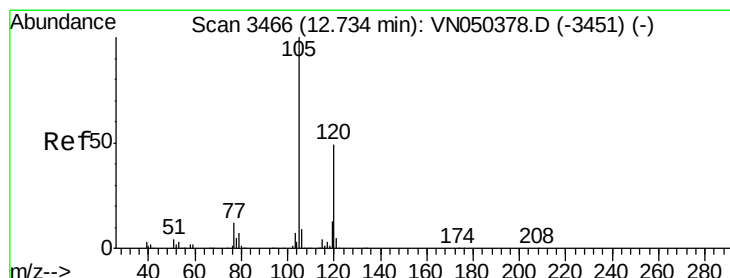
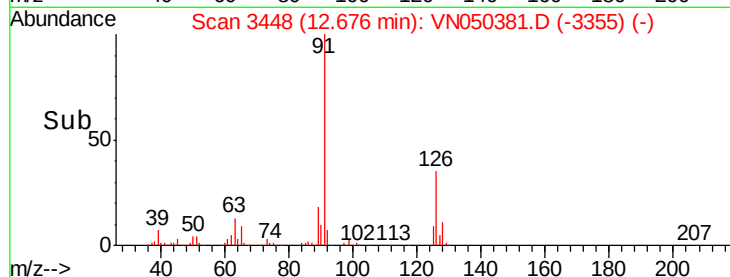
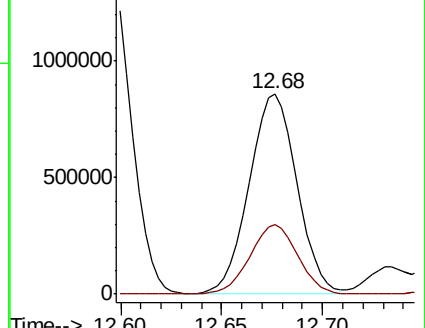
91 100

126 34.7 17.6 52.8



Abundance Ion 91.00 (90.70 to 91.70): VN050378.D (-3435) (-)

Ion 125.90 (125.60 to 126.60): VN050378.D (-3435) (-)



#80

1,3,5-Trimethylbenzene

Concen: 52.66 ug/l

RT: 12.73 min Scan# 3466

Delta R.T. 0.00 min

Lab File: VN050381.D

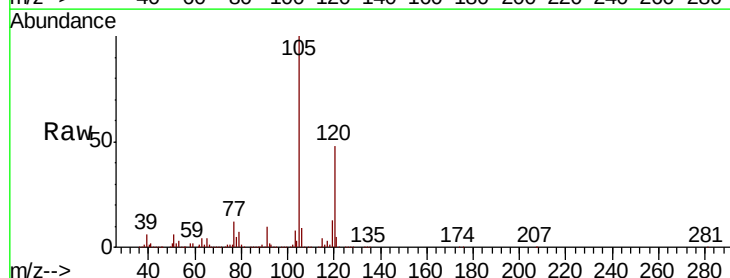
Acq: 6 Aug 2018 14:04

Tgt Ion:105 Resp: 1747544

Ion Ratio Lower Upper

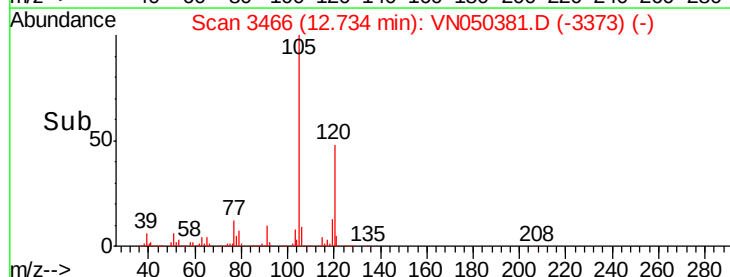
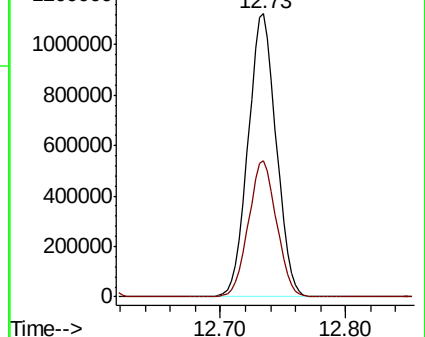
105 100

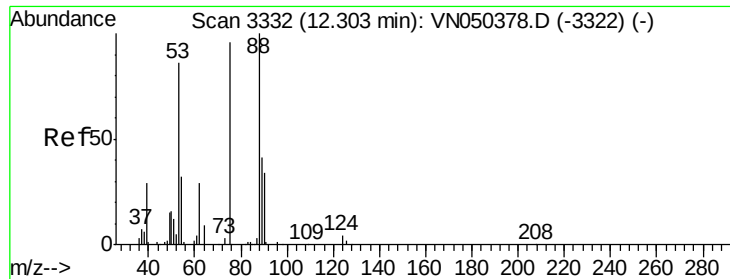
120 48.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN050378.D (-3451) (-)

Ion 120.00 (119.70 to 120.70): VN050378.D (-3451) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 48.96 ug/l

RT: 12.30 min Scan# 3331

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080618

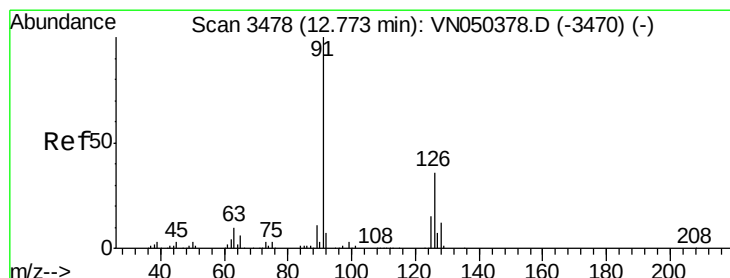
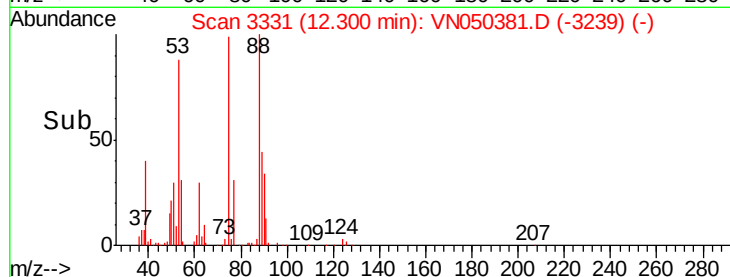
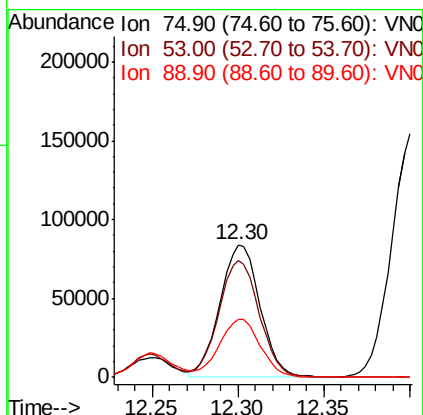
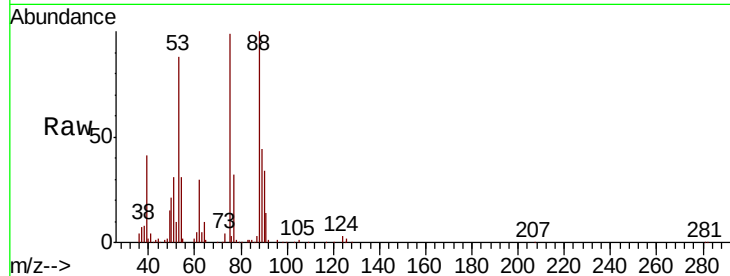
Tot Ion: 75 Resp: 137361

Ion Ratio Lower Upper

75 100

53 88.7 73.5 110.3

89 45.2 36.0 54.0



#82

4-Chlorotoluene

Concen: 51.78 ug/l

RT: 12.77 min Scan# 3478

Delta R.T. 0.00 min

Lab File: VN050381.D

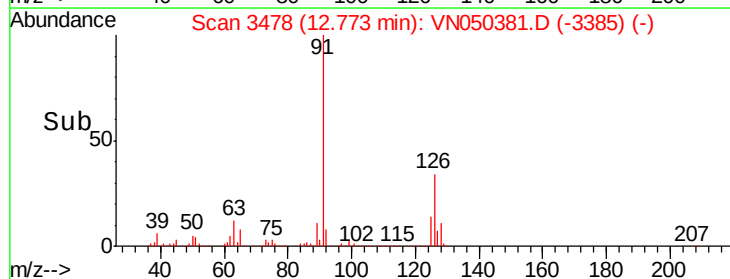
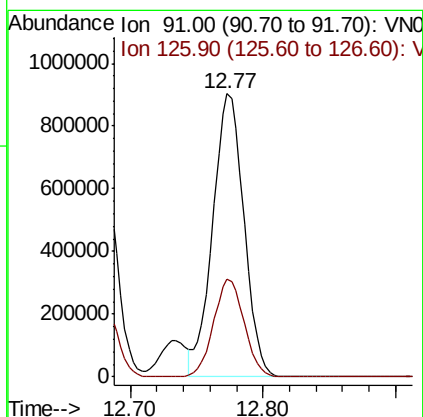
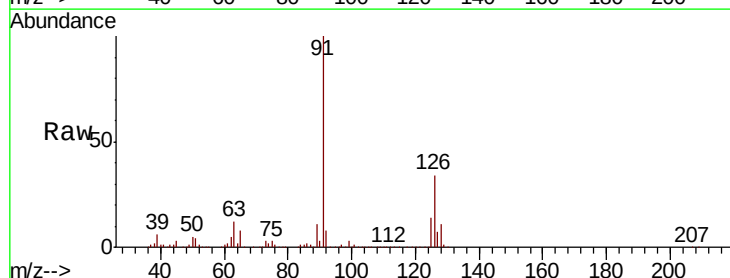
Acq: 6 Aug 2018 14:04

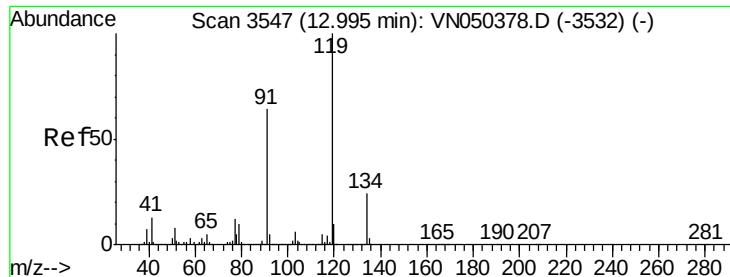
Tgt Ion: 91 Resp: 1475747

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0





#83

tert-Butylbenzene

Concen: 51.72 ug/l

RT: 12.99 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080618

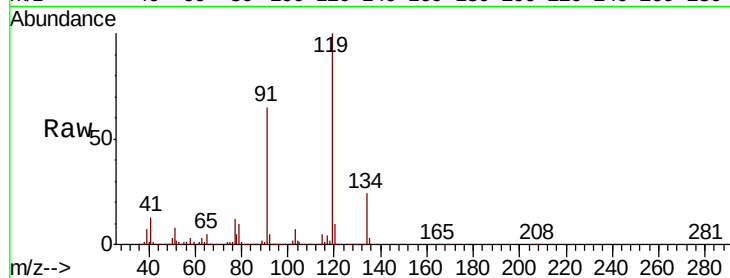
Tot Ion:119 Resp: 1497354

Ion Ratio Lower Upper

119 100

91 63.5 32.1 96.3

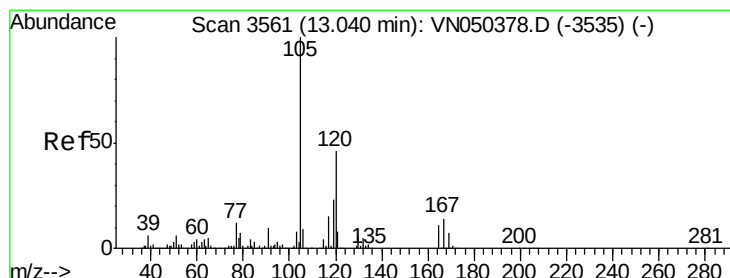
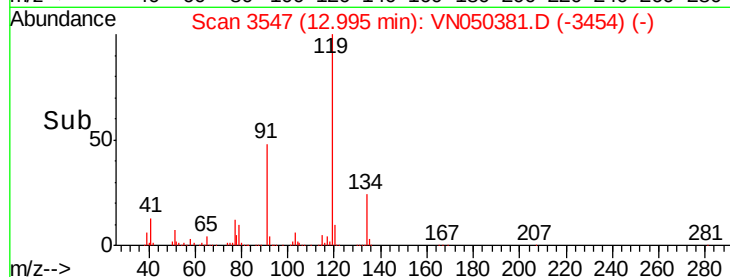
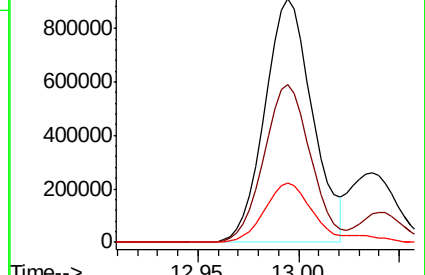
134 26.1 13.2 39.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 53.38 ug/l

RT: 13.04 min Scan# 3561

Delta R.T. 0.00 min

Lab File: VN050381.D

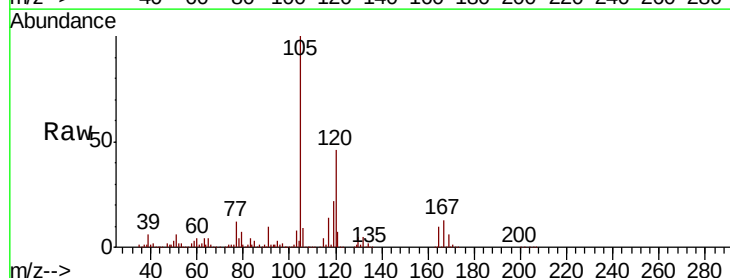
Acq: 6 Aug 2018 14:04

Tgt Ion:105 Resp: 1794444

Ion Ratio Lower Upper

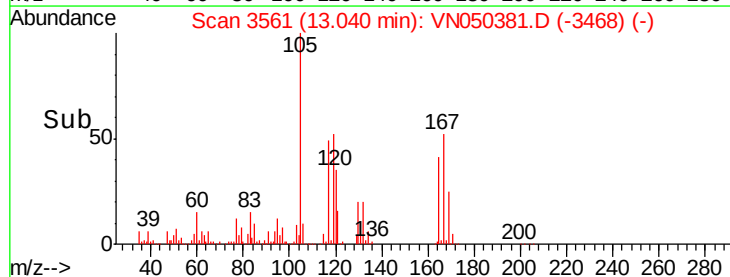
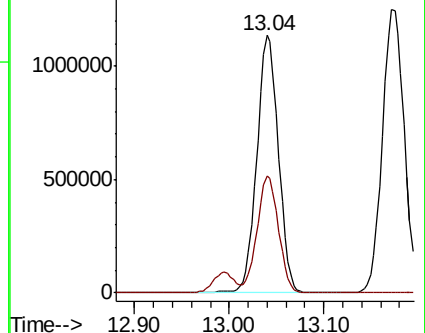
105 100

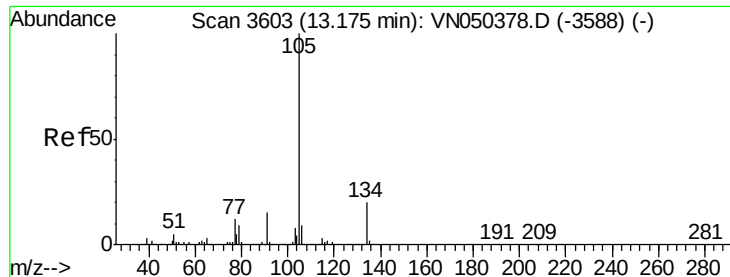
120 45.4 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 51.92 ug/l

RT: 13.17 min Scan# 3602

Delta R.T. -0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

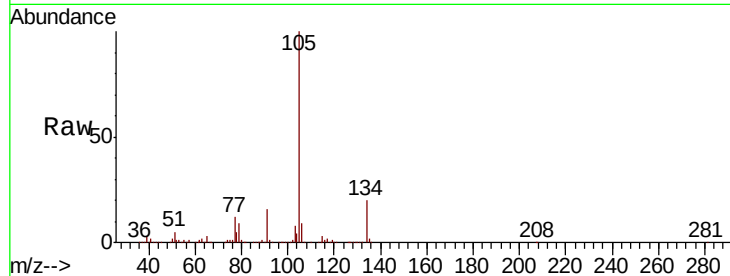
ICV080618

Tot Ion:105 Resp: 2003366

Ion Ratio Lower Upper

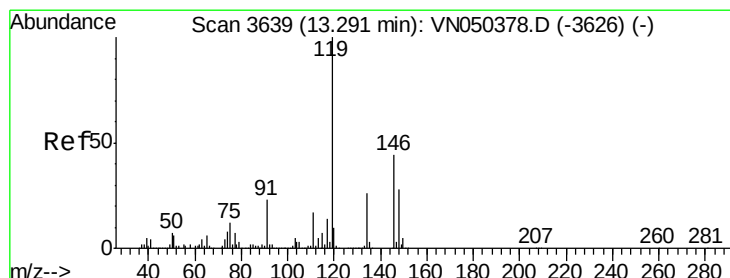
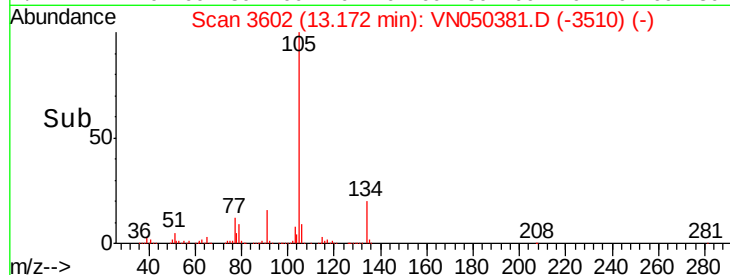
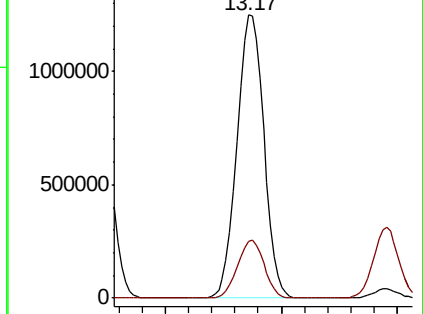
105 100

134 20.2 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.81 ug/l

RT: 13.29 min Scan# 3639

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

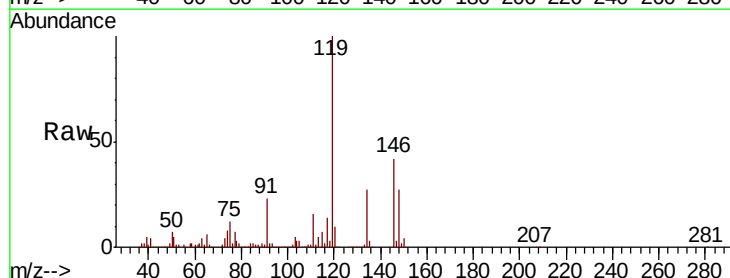
Tgt Ion:119 Resp: 1779449

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

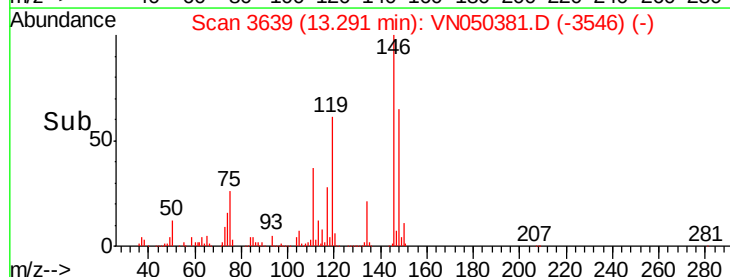
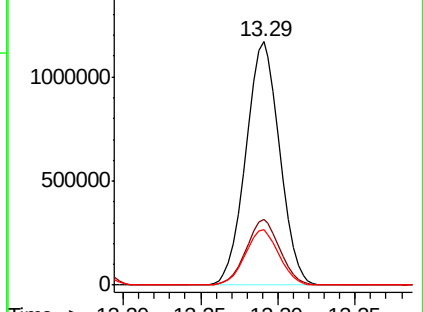
91 22.7 11.4 34.2

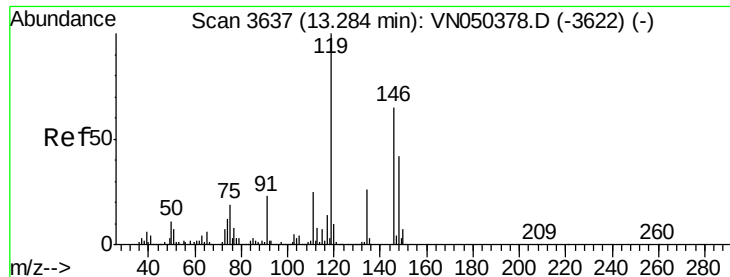


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.00 ug/l

RT: 13.28 min Scan# 3637

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080618

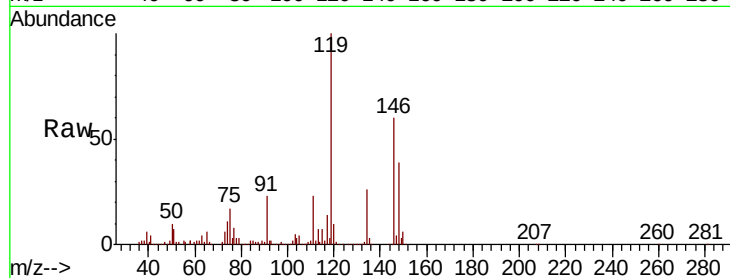
Tot Ion:146 Resp: 975380

Ion Ratio Lower Upper

146 100

111 38.1 18.8 56.4

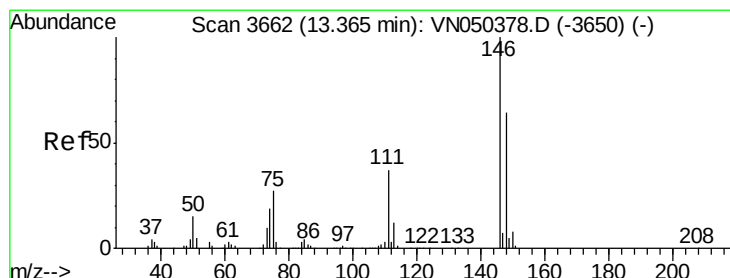
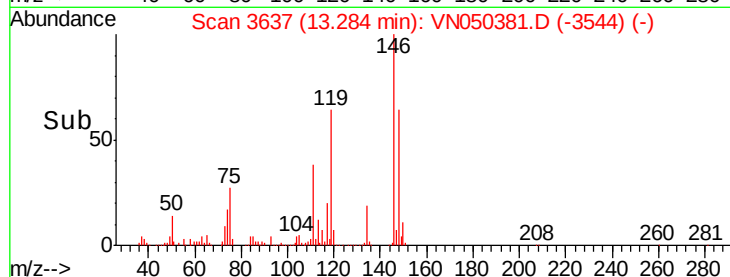
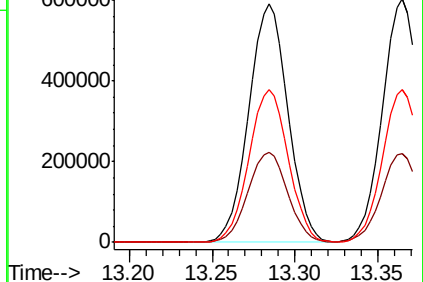
148 64.2 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.42 ug/l

RT: 13.36 min Scan# 3662

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

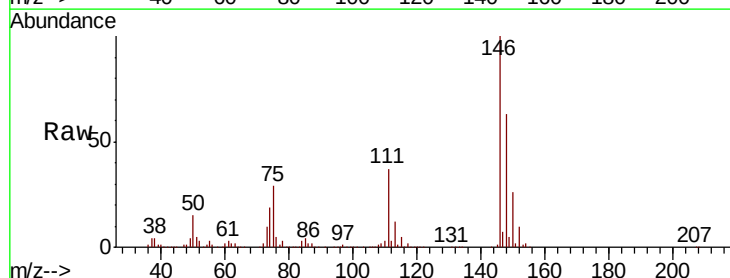
Tgt Ion:146 Resp: 962716

Ion Ratio Lower Upper

146 100

111 37.1 18.3 54.9

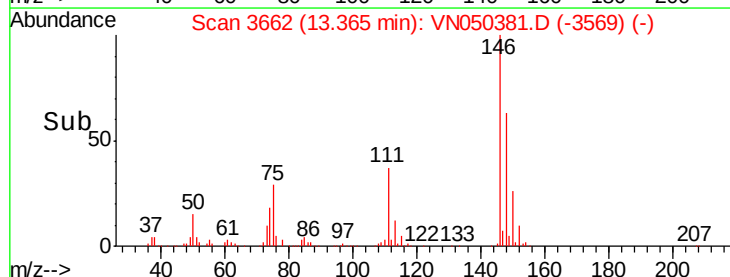
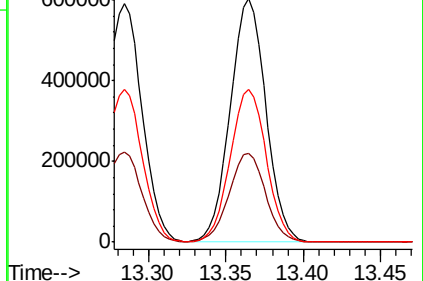
148 63.7 31.9 95.9

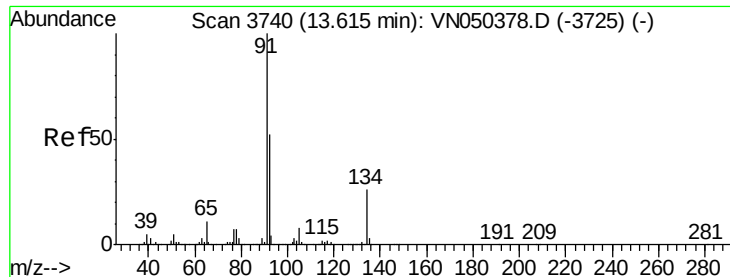


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 53.47 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampled :

ICV080618

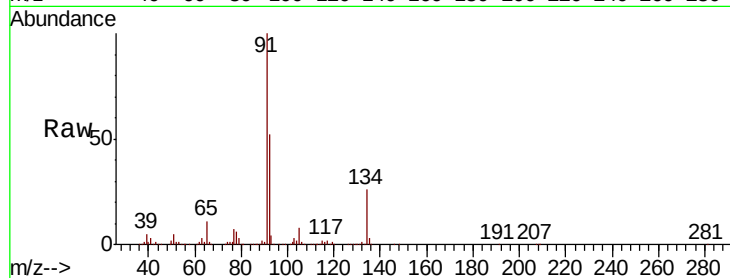
Tot Ion: 91 Resp: 1505294

Ion Ratio Lower Upper

91 100

92 52.0 25.8 77.4

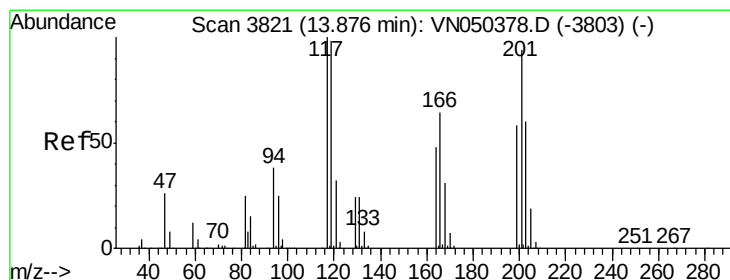
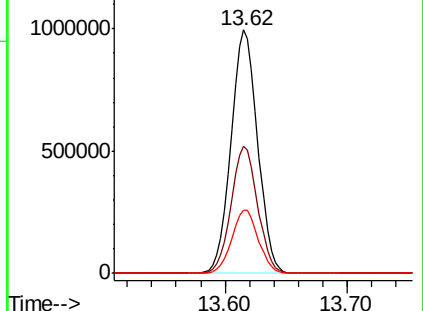
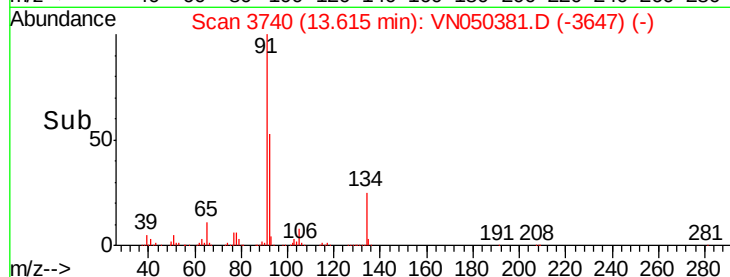
134 26.1 12.8 38.4



Abundance Ion 91.00 (90.70 to 91.70): VN050381.D (-3647) (-)

Ion 92.00 (91.70 to 92.70): VN050381.D (-3647) (-)

Ion 134.00 (133.70 to 134.70): VN050381.D (-3647) (-)



#90

Hexachloroethane

Concen: 46.08 ug/l

RT: 13.88 min Scan# 3821

Delta R.T. 0.00 min

Lab File: VN050381.D

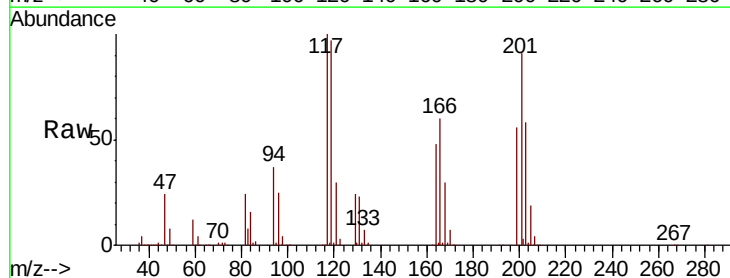
Acq: 6 Aug 2018 14:04

Tgt Ion: 117 Resp: 270974

Ion Ratio Lower Upper

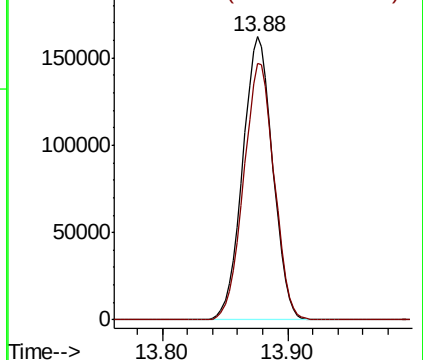
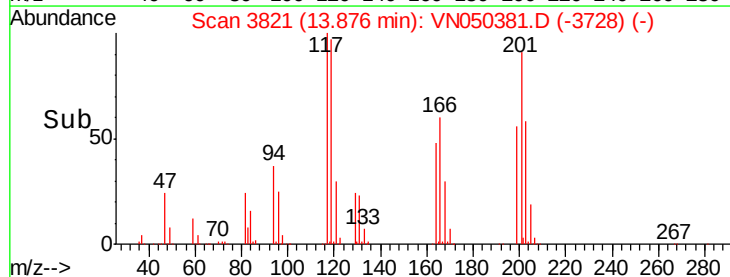
117 100

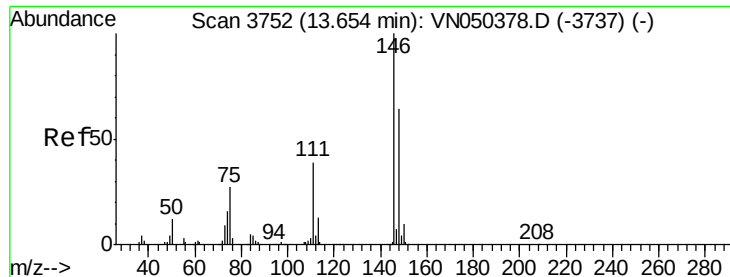
201 91.7 45.6 136.8



Abundance Ion 116.80 (116.50 to 117.50): VN050381.D (-3728) (-)

Ion 200.70 (200.40 to 201.40): VN050381.D (-3728) (-)





#91

1,2-Dichlorobenzene

Concen: 48.69 ug/l

RT: 13.65 min Scan# 3752

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

MSVOA_N

ClientSampleId :

ICVVN080618

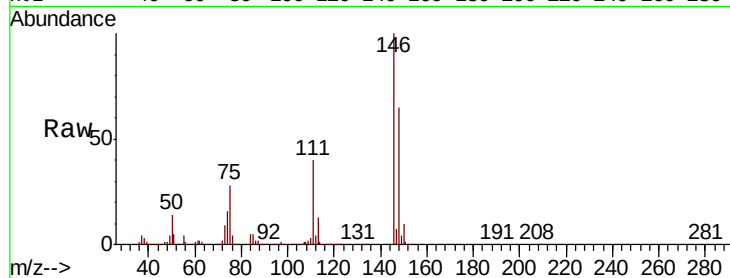
Tot Ion:146 Resp: 952010

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.7

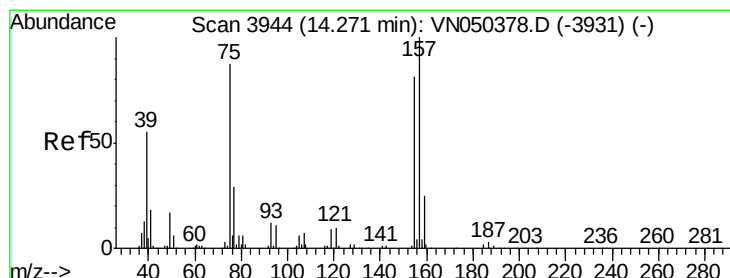
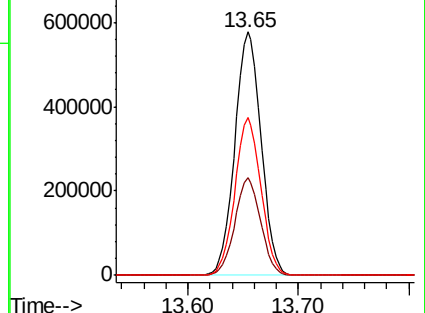
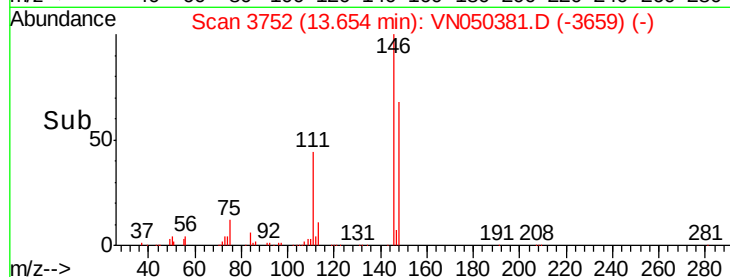
148 64.0 32.1 96.3



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: 41.32 ug/l

RT: 14.27 min Scan# 3944

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

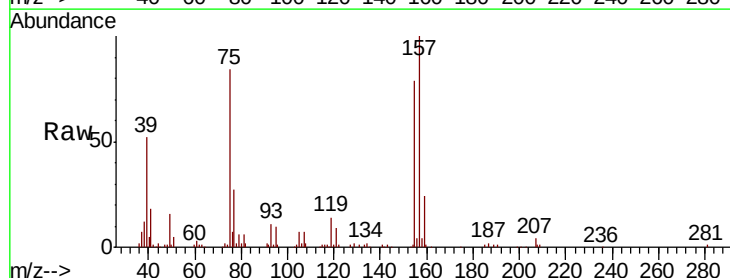
Tgt Ion: 75 Resp: 82747

Ion Ratio Lower Upper

75 100

155 92.8 44.8 134.4

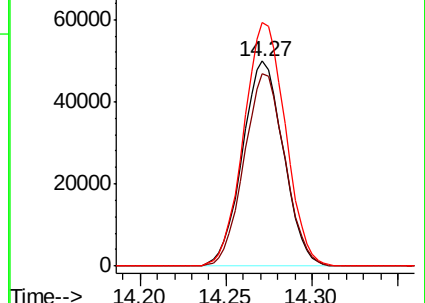
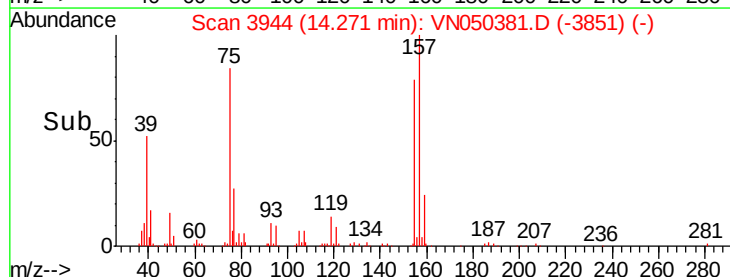
157 120.5 57.2 171.6

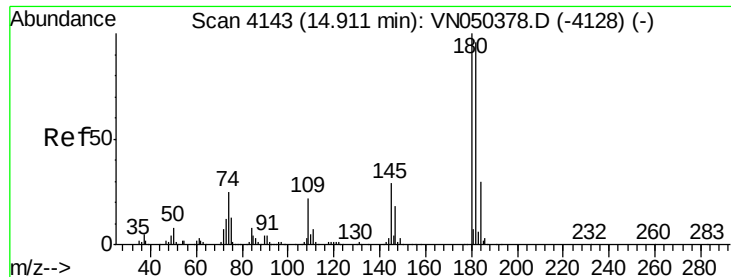


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

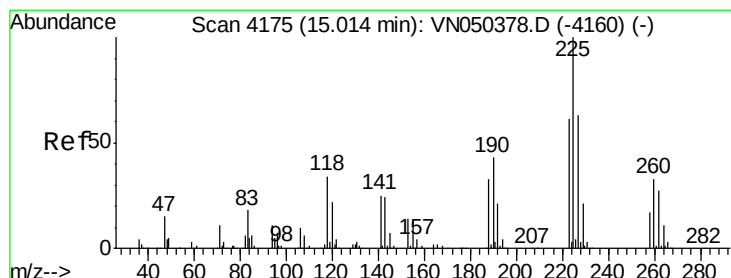
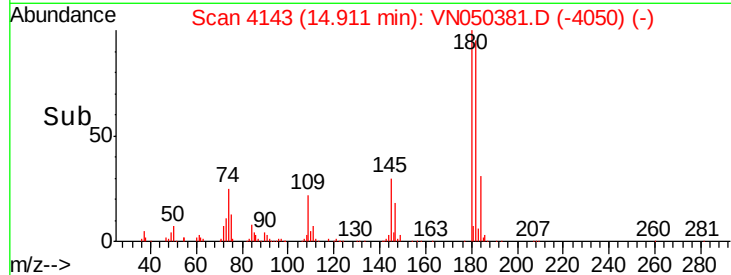
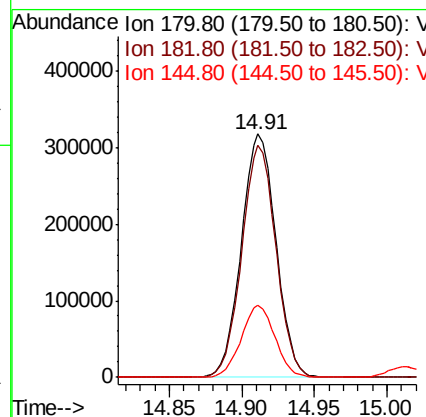
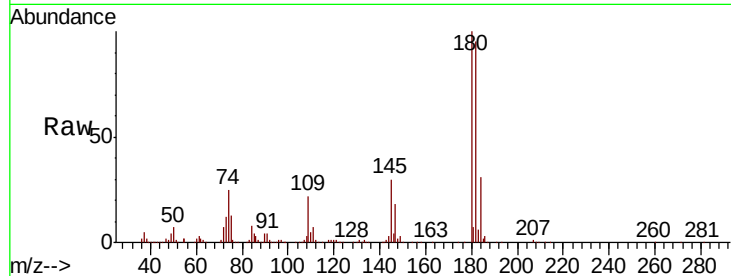




#93
 1,2,4-Trichlorobenzene
 Concen: 52.86 ug/l
 RT: 14.91 min Scan# 4143
 Delta R.T. 0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

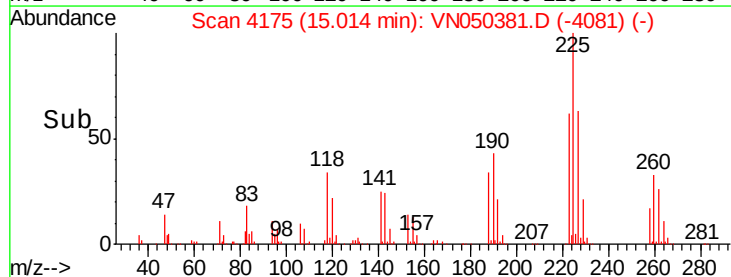
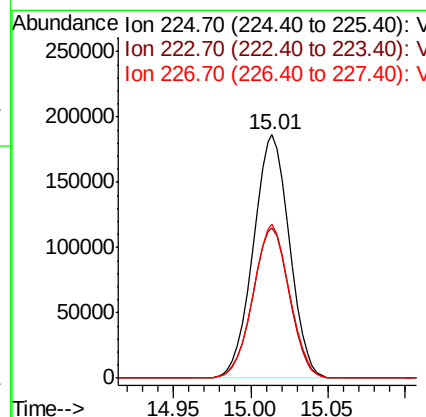
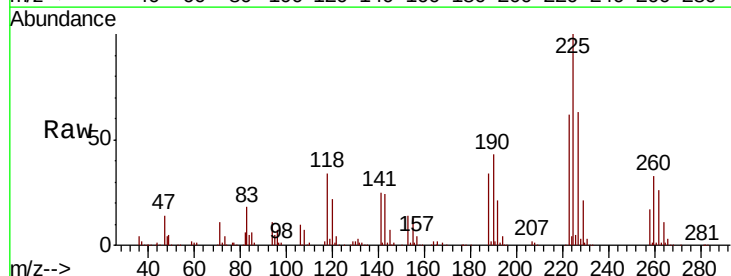
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN080618

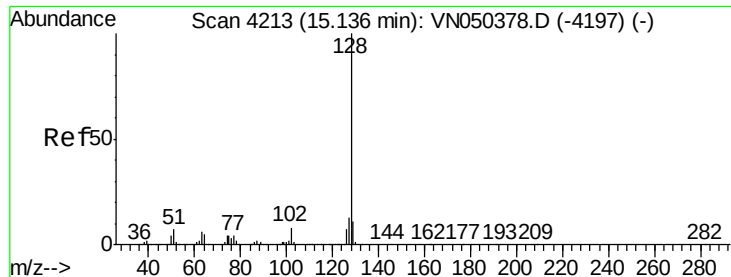
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.1	46.7	140.1
145	28.8	13.8	41.4



#94
 Hexachlorobutadiene
 Concen: 56.03 ug/l
 RT: 15.01 min Scan# 4175
 Delta R.T. 0.00 min
 Lab File: VN050381.D
 Acq: 6 Aug 2018 14:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.4	94.2
227	63.4	32.1	96.5





#95

Naphthalene

Concen: 43.91 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Instrument :

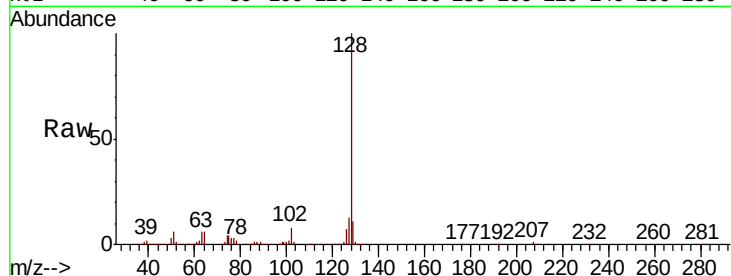
MSVOA_N

ClientSampleId :

ICVVN080618

Tot Ion:128 Resp: 1145261

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.8	13.2

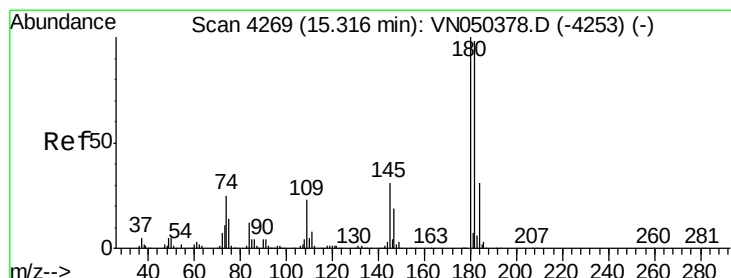
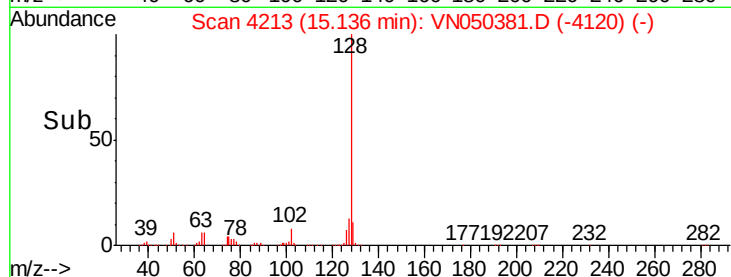
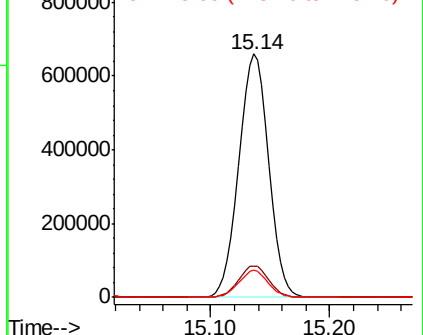


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.98 ug/l

RT: 15.32 min Scan# 4269

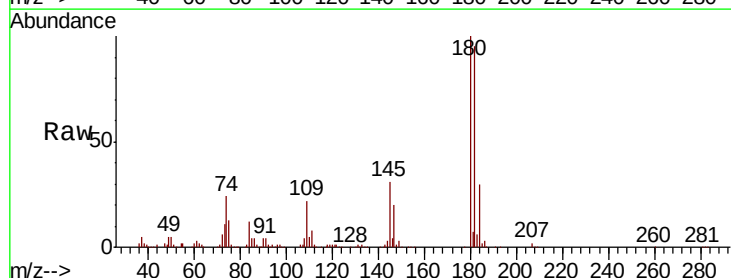
Delta R.T. 0.00 min

Lab File: VN050381.D

Acq: 6 Aug 2018 14:04

Tgt Ion:180 Resp: 483121

Ion	Ratio	Lower	Upper
180	100		
182	95.3	48.1	144.4
145	30.2	15.3	45.9



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

