

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054912.D
 Acq On : 2 Apr 2019 19:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 03 05:09:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	415465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	684391	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	608934	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	269448	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	286061	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
35) Dibromofluoromethane	7.59	113	230811	50.59	ug/l	0.00
Spiked Amount			Recovery	=	101.18%	
50) Toluene-d8	10.09	98	849953	50.11	ug/l	0.00
Spiked Amount			Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	286851	50.85	ug/l	0.00
Spiked Amount			Recovery	=	101.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	193653	46.081	ug/l	99
3) Chloromethane	2.06	50	276048	47.507	ug/l	98
4) Vinyl Chloride	2.19	62	251085	48.118	ug/l	99
5) Bromomethane	2.57	94	138309	50.582	ug/l	97
6) Chloroethane	2.71	64	145950	50.090	ug/l	99
7) Trichlorofluoromethane	3.03	101	327112	50.990	ug/l	100
8) Diethyl Ether	3.41	74	110484	53.485	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	3.75	101	170913	50.609	ug/l	93
10) Methyl Iodide	3.94	142	245595	53.122	ug/l #	88
11) Tert butyl alcohol	4.82	59	79786	273.427	ug/l	98
12) 1,1-Dichloroethene	3.73	96	168261	51.522	ug/l #	75
13) Acrolein	3.61	56	69018	264.574	ug/l	99
14) Allyl chloride	4.32	41	408598	50.795	ug/l #	91
15) Acrylonitrile	5.00	53	443865	273.667	ug/l	100
16) Acetone	3.82	43	306155	229.237	ug/l #	82
17) Carbon Disulfide	4.04	76	491365	46.389	ug/l	100
18) Methyl Acetate	4.33	43	199445	57.472	ug/l #	88
19) Methyl tert-butyl Ether	5.06	73	612484	53.615	ug/l	95
20) Methylene Chloride	4.55	84	239637	50.868	ug/l #	84
21) trans-1,2-Dichloroethene	5.04	96	219149	51.089	ug/l	86
22) Diisopropyl ether	5.96	45	870580	54.719	ug/l #	94
23) Vinyl Acetate	5.90	43	3100184	280.008	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	455164	53.631	ug/l	97
25) 2-Butanone	6.85	43	539735	273.396	ug/l #	88
26) 2,2-Dichloropropane	6.82	77	305498	51.358	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	256817	52.997	ug/l	88
28) Bromochloromethane	7.19	49	236707	55.777	ug/l #	70
29) Tetrahydrofuran	7.22	42	367902	268.313	ug/l #	82
30) Chloroform	7.37	83	437606	54.074	ug/l	96
31) Cyclohexane	7.65	56	412428	53.476	ug/l	85
32) 1,1,1-Trichloroethane	7.57	97	359825	53.653	ug/l	95
36) 1,1-Dichloropropene	7.79	75	324912	50.949	ug/l	96
37) Ethyl Acetate	6.94	43	243716	52.114	ug/l	95
38) Carbon Tetrachloride	7.77	117	314693	50.806	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
 Data File : VN054912.D
 Acq On : 2 Apr 2019 19:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 03 05:09:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	348645	49.728	ug/l	91
40) Benzene	8.04	78	964403	52.851	ug/l	98
41) Methacrylonitrile	7.18	41	141258	53.770	ug/l	89
42) 1,2-Dichloroethane	8.12	62	342179	52.518	ug/l	97
43) Isopropyl Acetate	8.17	43	421758	55.504	ug/l #	94
44) Trichloroethene	8.84	130	247149	52.176	ug/l	93
45) 1,2-Dichloropropane	9.12	63	274797	52.814	ug/l	99
46) Dibromomethane	9.21	93	153888	52.576	ug/l	89
47) Bromodichloromethane	9.40	83	331853	54.553	ug/l	97
48) Methyl methacrylate	9.20	41	209720	50.914	ug/l	90
49) 1,4-Dioxane	9.20	88	43927	1074.782	ug/l #	86
51) 4-Methyl-2-Pentanone	9.99	43	1199331	280.729	ug/l	92
52) Toluene	10.16	92	573460	52.814	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	326724	57.098	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	387296	56.660	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	213301	52.831	ug/l	95
56) Ethyl methacrylate	10.43	69	298025	56.271	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	377767	54.424	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	608736	266.127	ug/l	89
59) 2-Hexanone	10.75	43	737884	269.803	ug/l	91
60) Dibromochloromethane	10.90	129	230674	56.402	ug/l	100
61) 1,2-Dibromoethane	11.01	107	206993	53.648	ug/l	99
64) Tetrachloroethene	10.63	164	227319	48.647	ug/l	97
65) Chlorobenzene	11.43	112	608822	51.066	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	234345	52.515	ug/l	99
67) Ethyl Benzene	11.51	91	1096648	50.973	ug/l	98
68) m/p-Xylenes	11.62	106	809431	101.666	ug/l	94
69) o-Xylene	11.95	106	399176	51.129	ug/l	95
70) Styrene	11.96	104	676768	54.215	ug/l	97
71) Bromoform	12.13	173	141945	54.296	ug/l #	100
73) Isopropylbenzene	12.25	105	1060009	48.131	ug/l	98
74) N-amyl acetate	12.07	43	348560	50.801	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.50	83	263602	54.447	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	317313	67.788	ug/l #	100
77) Bromobenzene	12.53	156	261918	49.276	ug/l	85
78) n-propylbenzene	12.59	91	1182304	48.843	ug/l	96
79) 2-Chlorotoluene	12.67	91	718520	47.979	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	872779	48.297	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.30	75	61711	51.280	ug/l #	84
82) 4-Chlorotoluene	12.77	91	714636	49.130	ug/l	95
83) tert-Butylbenzene	12.99	119	739694	52.952	ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	869809	50.522	ug/l	97
85) sec-Butylbenzene	13.17	105	959622	48.884	ug/l	97
86) p-Isopropyltoluene	13.29	119	849565	49.067	ug/l	97
87) 1,3-Dichlorobenzene	13.28	146	439786	49.419	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	422099	48.360	ug/l	98
89) n-Butylbenzene	13.61	91	700517	49.589	ug/l	97
90) Hexachloroethane	13.87	117	142055	48.323	ug/l	89
91) 1,2-Dichlorobenzene	13.65	146	437310	48.692	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	39208	52.076	ug/l	85

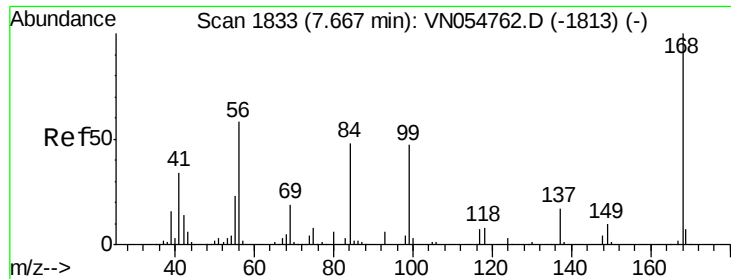
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040219\
Data File : VN054912.D
Acq On : 2 Apr 2019 19:48
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Apr 03 05:09:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	214690	49.583	ug/l	98
94) Hexachlorobutadiene	15.01	225	129625	50.574	ug/l	99
95) Naphthalene	15.13	128	474160	48.826	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	210705	48.185	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

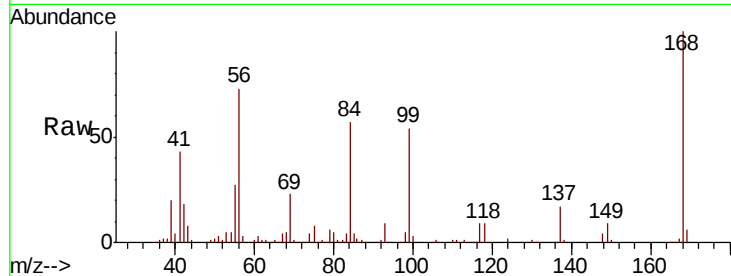
ClientSampled :

Tot Ion:168 Resp: 415465

Ion Ratio Lower Upper

168 100

99 53.4 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN054762.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054762.D (-1813) (-)

7.66

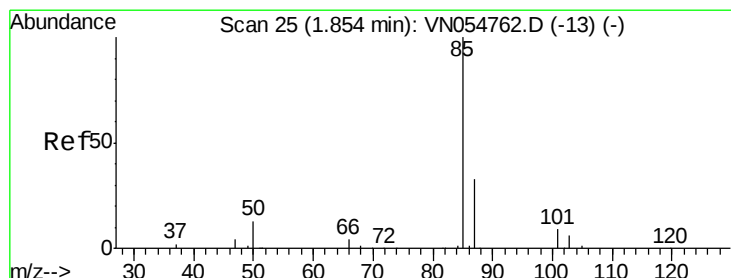
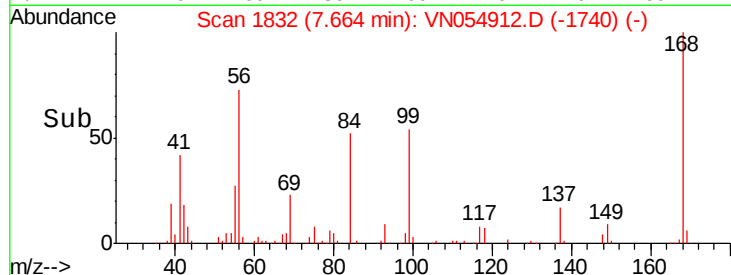
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.081 ug/l

RT: 1.85 min Scan# 25

Delta R.T. -0.00 min

Lab File: VN054912.D

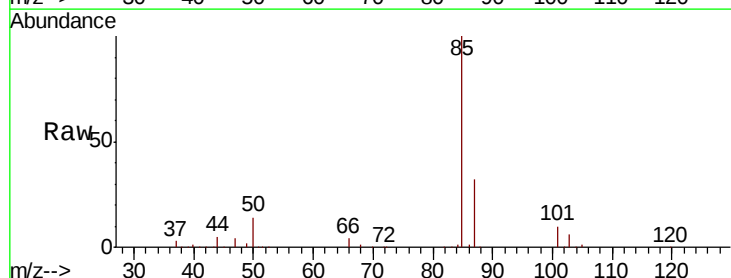
Acq: 2 Apr 2019 19:48

Tgt Ion: 85 Resp: 193653

Ion Ratio Lower Upper

85 100

87 32.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN054762.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN054762.D (-13) (-)

1.85

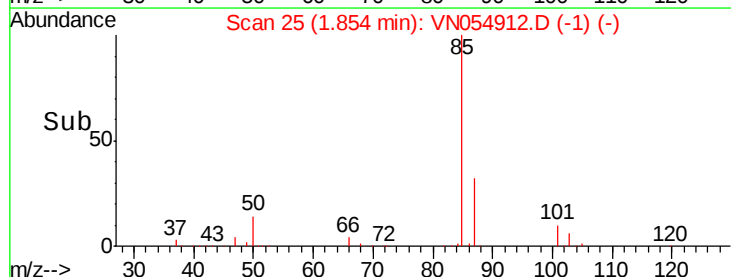
150000

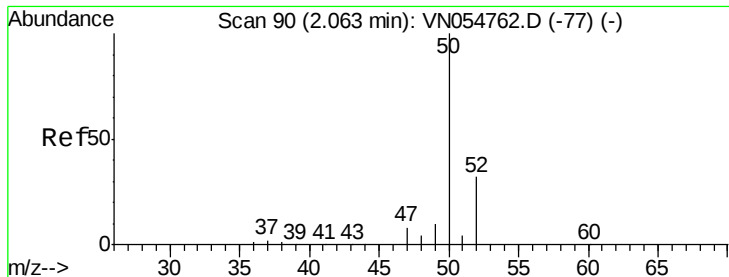
100000

50000

0

Time-->





#3

Chloromethane

Concen: 47.507 ug/l

RT: 2.06 min Scan# 90

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

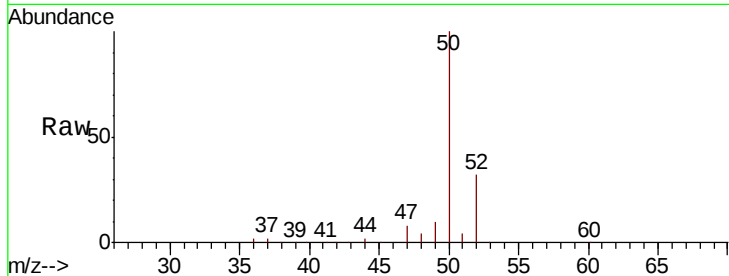
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 50 Resp: 276048

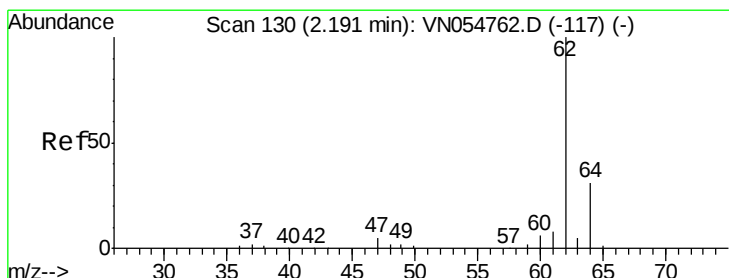
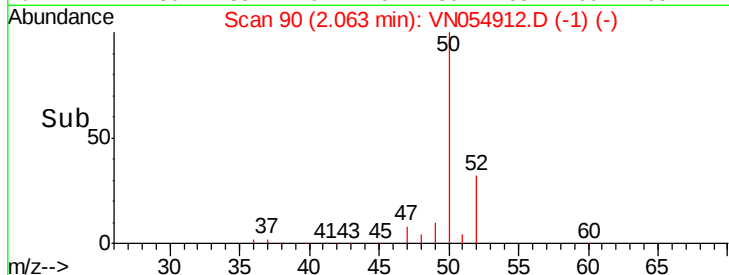
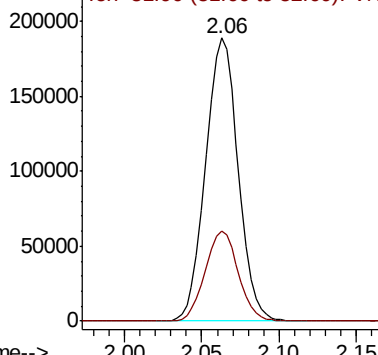
Ion Ratio Lower Upper

50 100

52 31.8 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VNC
Ion 51.90 (51.60 to 52.60): VNC



#4

Vinyl Chloride

Concen: 48.118 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN054912.D

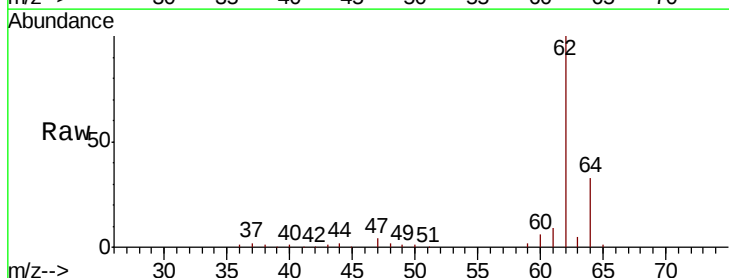
Acq: 2 Apr 2019 19:48

Tgt Ion: 62 Resp: 251085

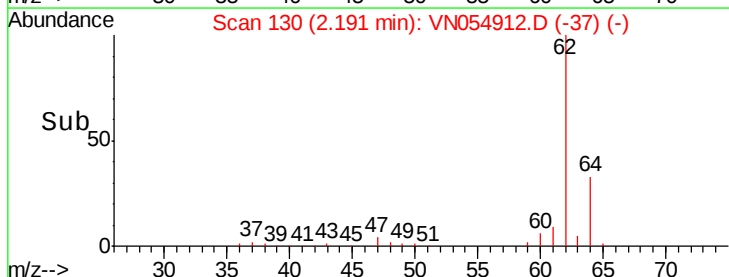
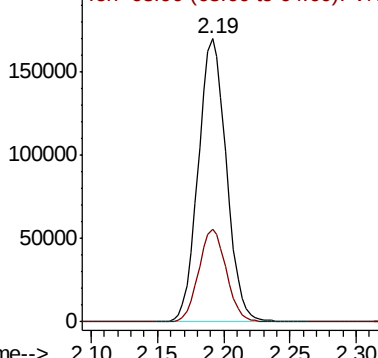
Ion Ratio Lower Upper

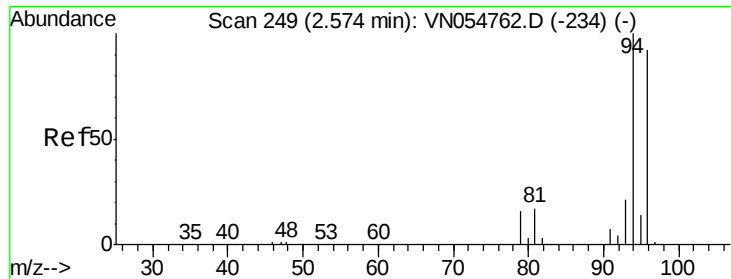
62 100

64 32.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 63.90 (63.60 to 64.60): VNC

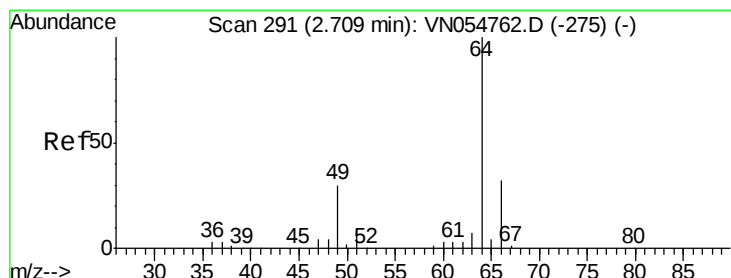
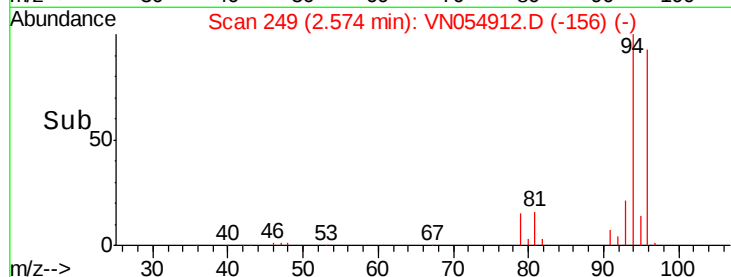
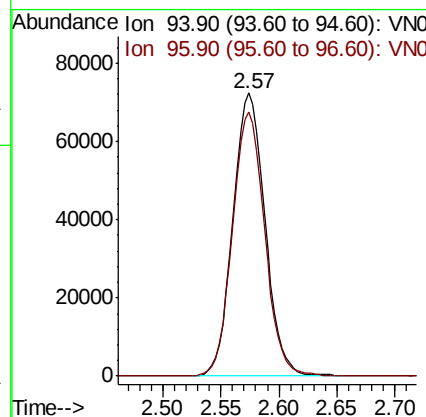
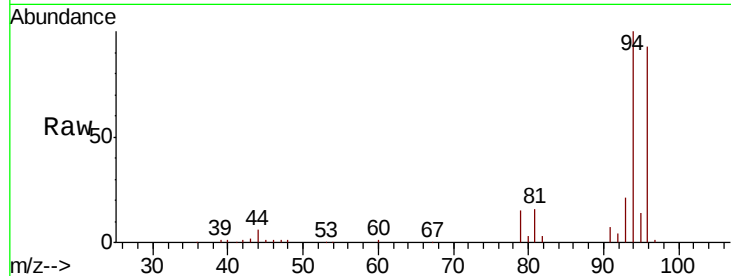




#5
Bromomethane
Concen: 50.582 ug/l
RT: 2.57 min Scan# 249
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

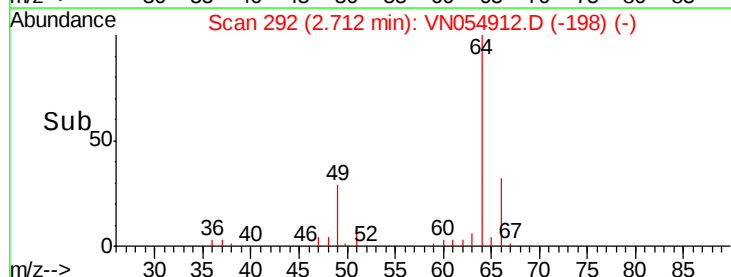
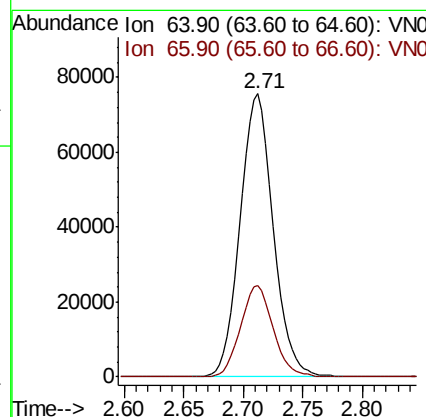
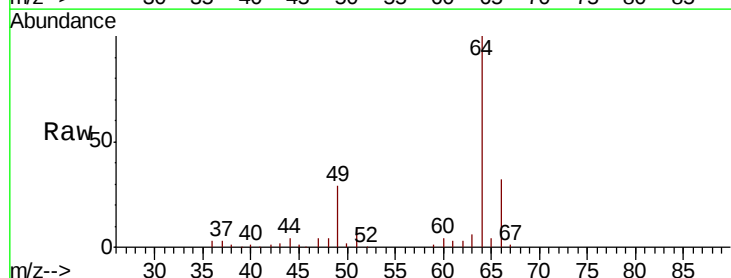
Instrument :
MSVOA_N
ClientSampleId :

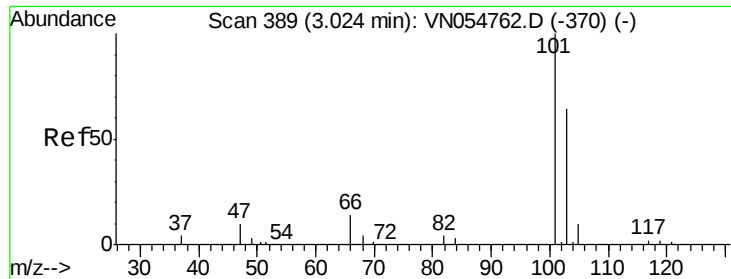
Tot Ion: 94 Resp: 138309
Ion Ratio Lower Upper
94 100
96 93.1 77.0 115.4



#6
Chloroethane
Concen: 50.090 ug/l
RT: 2.71 min Scan# 292
Delta R.T. 0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion: 64 Resp: 145950
Ion Ratio Lower Upper
64 100
66 32.4 25.7 38.5



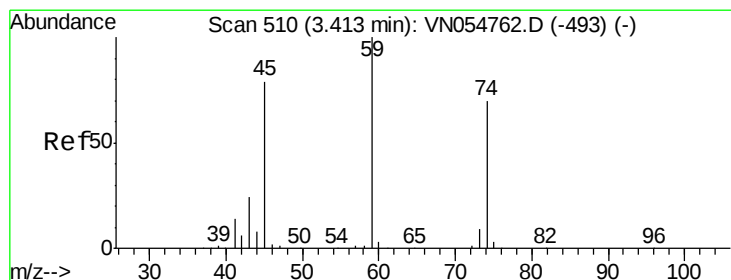
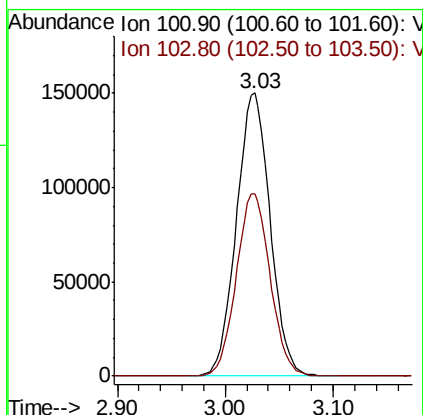
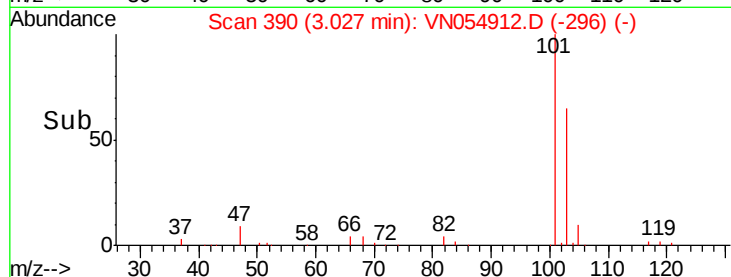
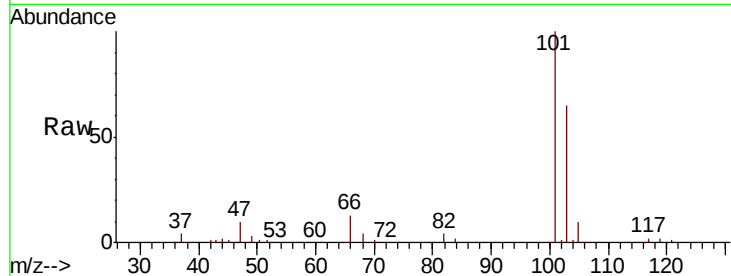


#7

Trichlorofluoromethane
 Concen: 50.990 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Instrument :
 MSVOA_N
 ClientSampleId :

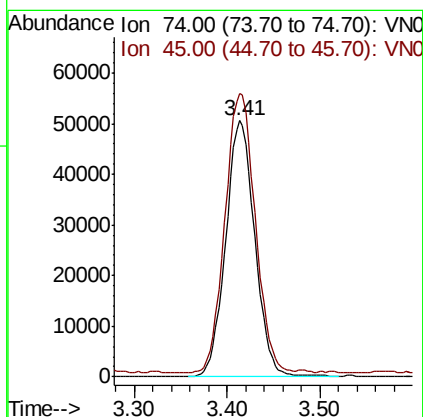
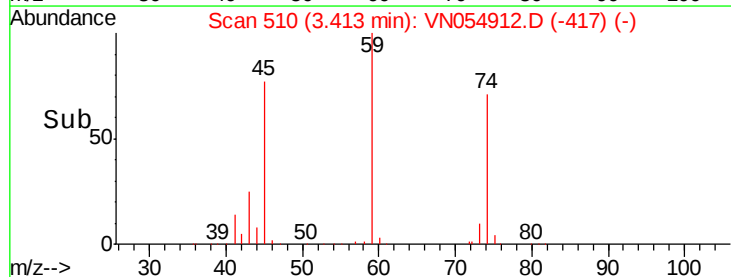
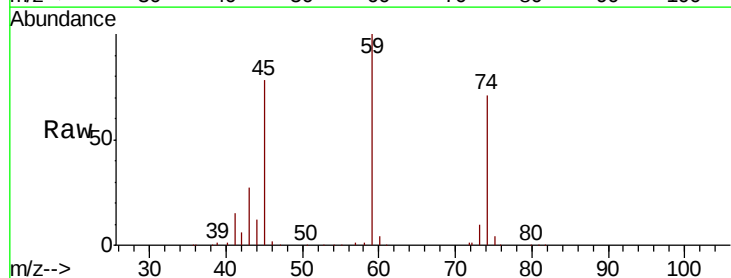
Tot Ion:101 Resp: 327112
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2

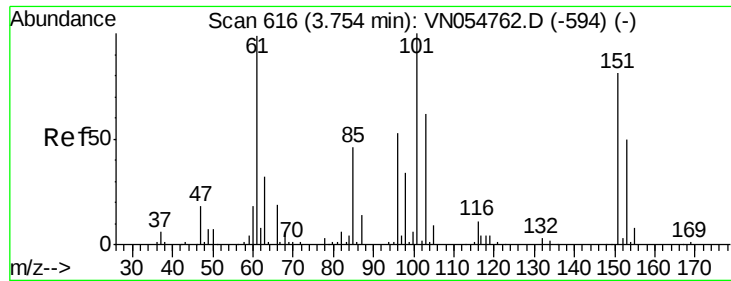


#8

Diethyl Ether
 Concen: 53.485 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion: 74 Resp: 110484
 Ion Ratio Lower Upper
 74 100
 45 112.9 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.609 ug/l

RT: 3.75 min Scan# 616

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

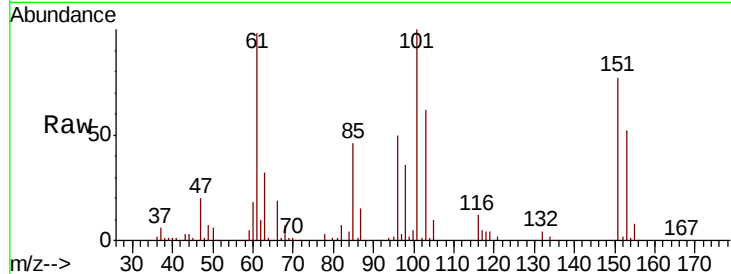
Tot Ion:101 Resp: 170913

Ion Ratio Lower Upper

101 100

85 46.2 32.4 48.6

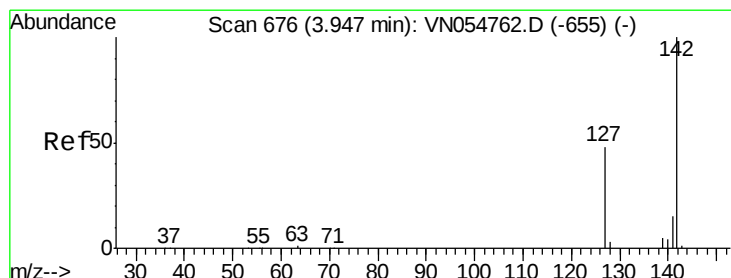
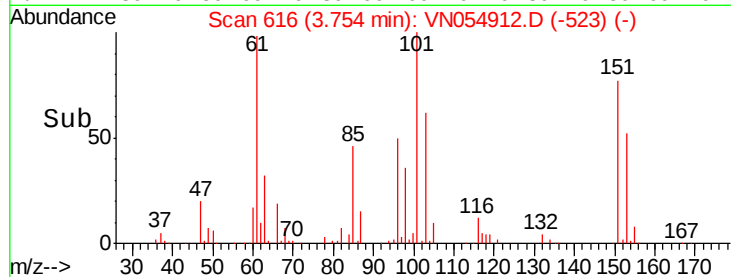
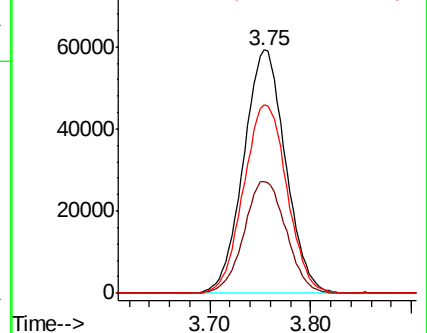
151 80.1 68.2 102.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 53.122 ug/l

RT: 3.94 min Scan# 675

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

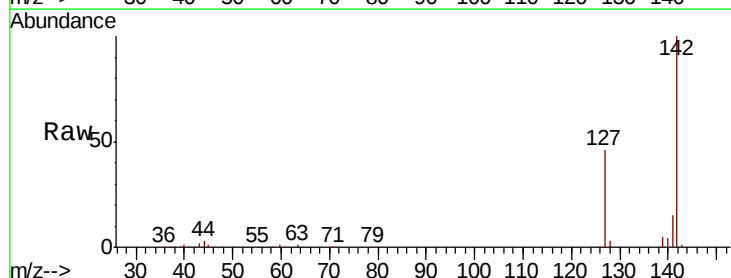
Tgt Ion:142 Resp: 245595

Ion Ratio Lower Upper

142 100

127 47.1 30.3 45.5#

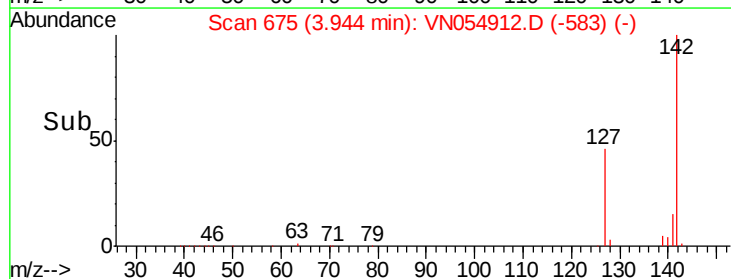
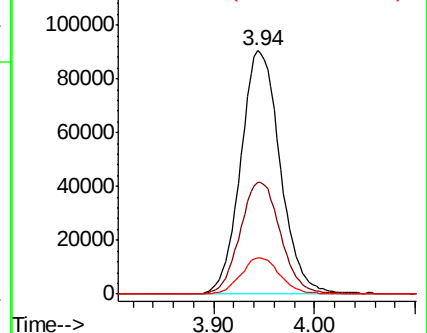
141 14.8 11.2 16.8

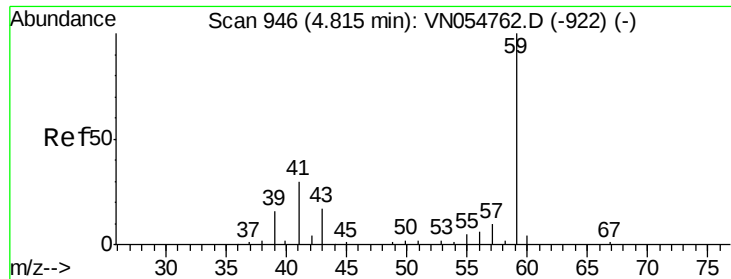


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

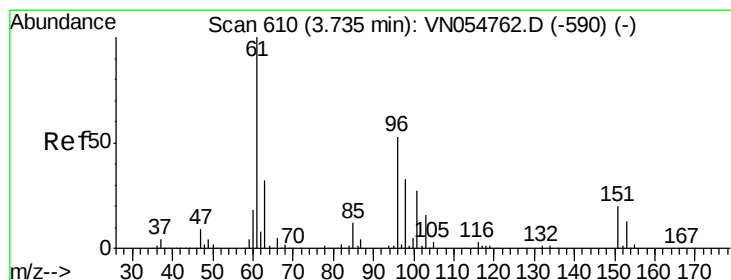
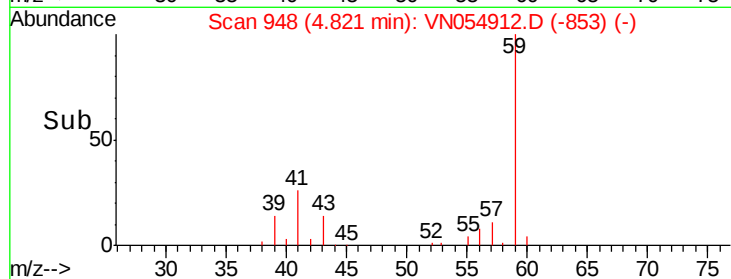
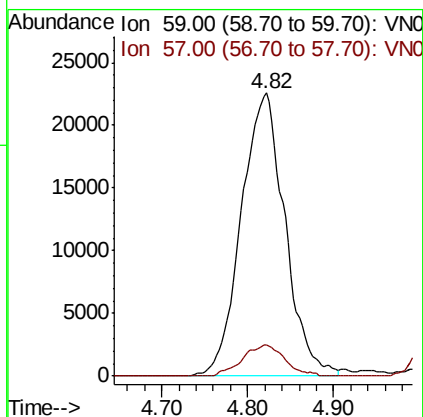
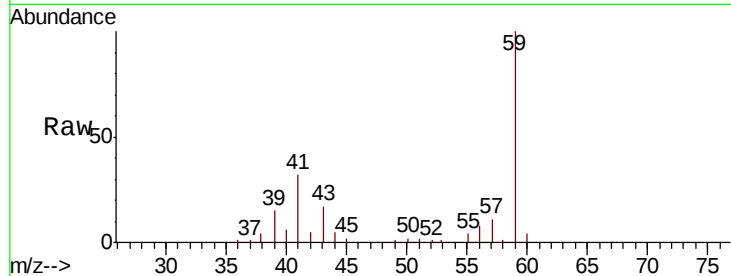




#11
Tert butyl alcohol
Concen: 273.427 ug/l
RT: 4.82 min Scan# 948
Delta R.T. 0.01 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

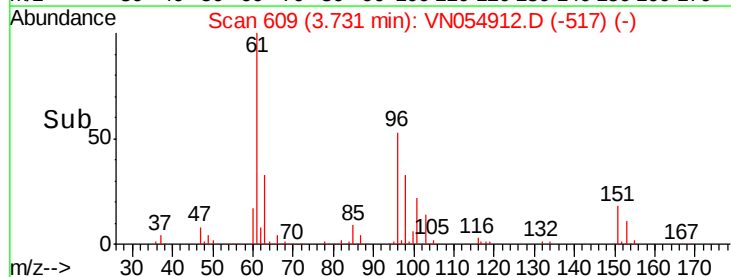
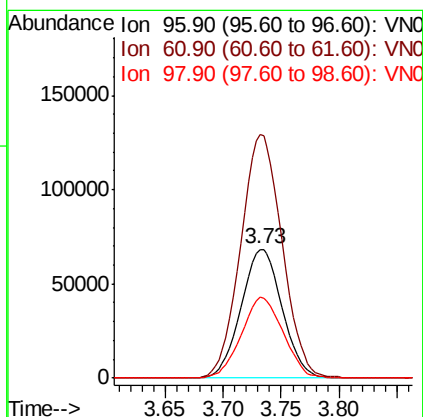
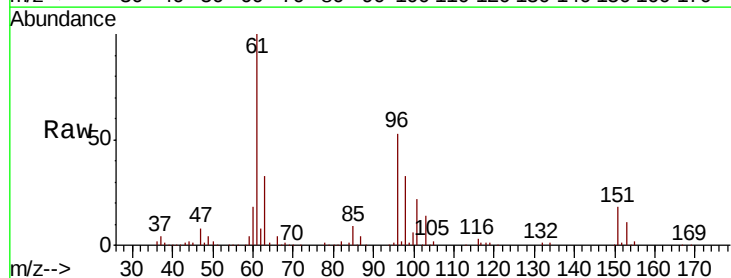
Instrument :
MSVOA_N
ClientSampled :

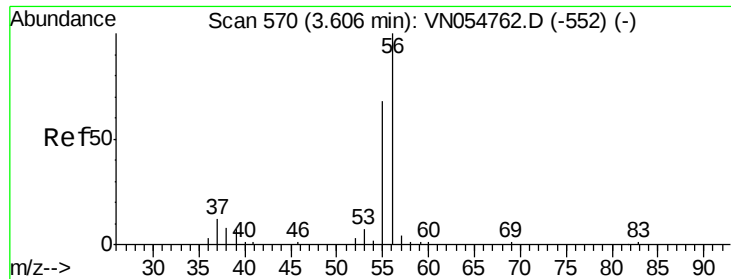
Tot Ion: 59 Resp: 79786
Ion Ratio Lower Upper
59 100
57 10.7 9.0 13.6



#12
1,1-Dichloroethene
Concen: 51.522 ug/l
RT: 3.73 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion: 96 Resp: 168261
Ion Ratio Lower Upper
96 100
61 188.7 116.5 174.7#
98 62.3 51.0 76.4





#13

Acrolein

Concen: 264.574 ug/l

RT: 3.61 min Scan# 570

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

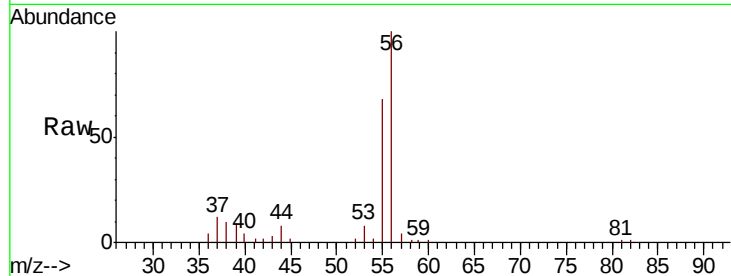
ClientSampleId :

Tot Ion: 56 Resp: 69018

Ion Ratio Lower Upper

56 100

55 71.8 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN054762.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN054762.D (-552) (-)

3.61

30000

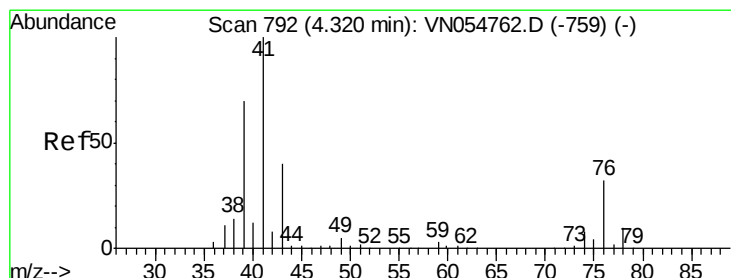
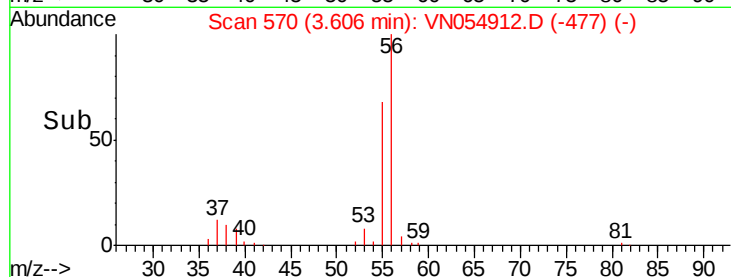
20000

10000

0

3.50 3.55 3.60 3.65 3.70

Time-->



#14

Allyl chloride

Concen: 50.795 ug/l

RT: 4.32 min Scan# 791

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

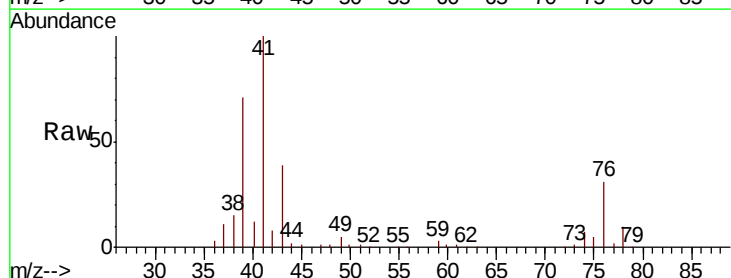
Tgt Ion: 41 Resp: 408598

Ion Ratio Lower Upper

41 100

39 68.3 58.2 87.4

76 29.8 31.7 47.5#



Abundance Ion 41.00 (40.70 to 41.70): VN054762.D (-759) (-)

Ion 39.00 (38.70 to 39.70): VN054762.D (-759) (-)

Ion 75.90 (75.60 to 76.60): VN054762.D (-759) (-)

4.32

150000

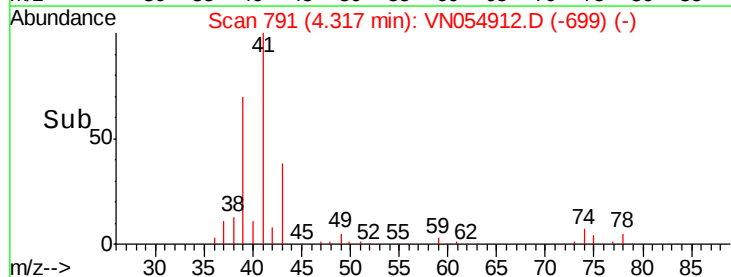
100000

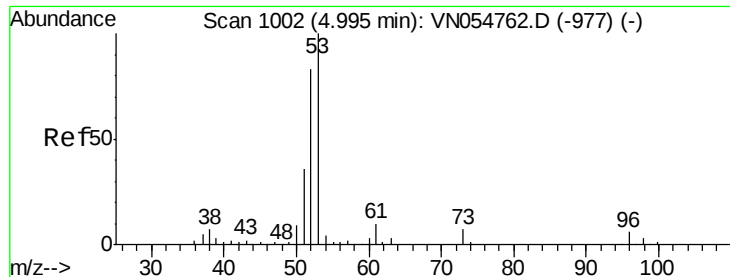
50000

0

4.10 4.20 4.30 4.40 4.50

Time-->





#15

Acrylonitrile

Concen: 273.667 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

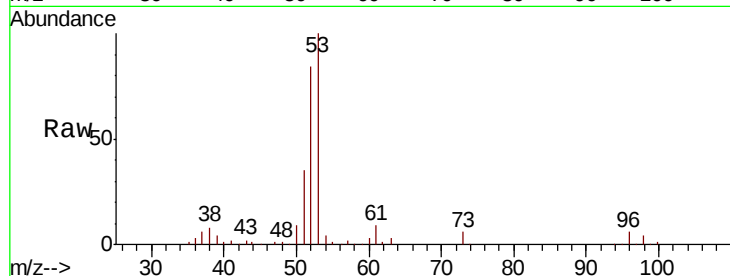
Tot Ion: 53 Resp: 443865

Ion Ratio Lower Upper

53 100

52 83.1 66.4 99.6

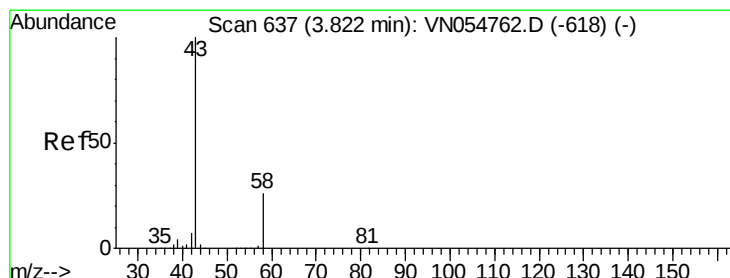
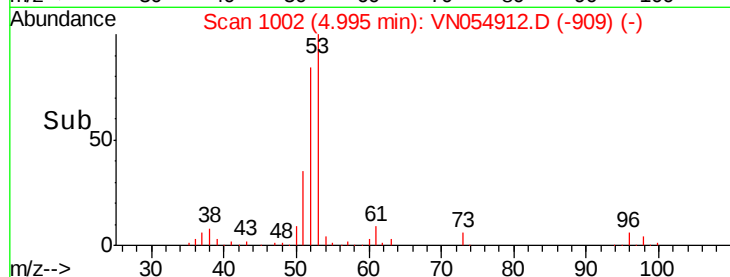
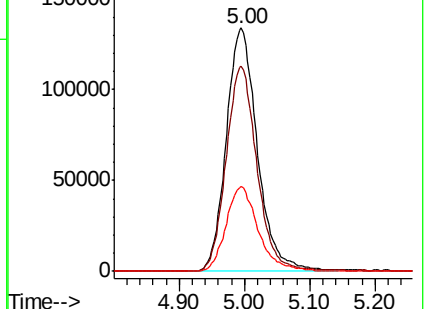
51 36.1 29.6 44.4



Abundance Ion 53.00 (52.70 to 53.70): VN054912.D (-909) (-)

Ion 52.00 (51.70 to 52.70): VN054912.D (-909) (-)

Ion 51.00 (50.70 to 51.70): VN054912.D (-909) (-)



#16

Acetone

Concen: 229.237 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054912.D

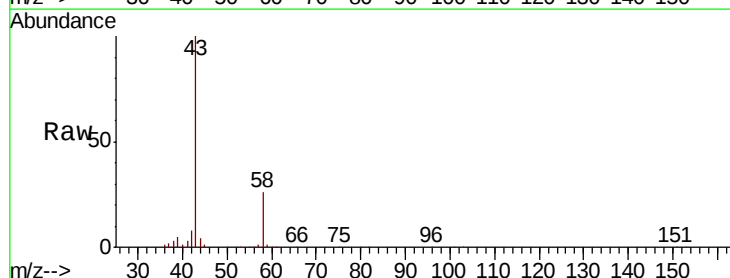
Acq: 2 Apr 2019 19:48

Tgt Ion: 43 Resp: 306155

Ion Ratio Lower Upper

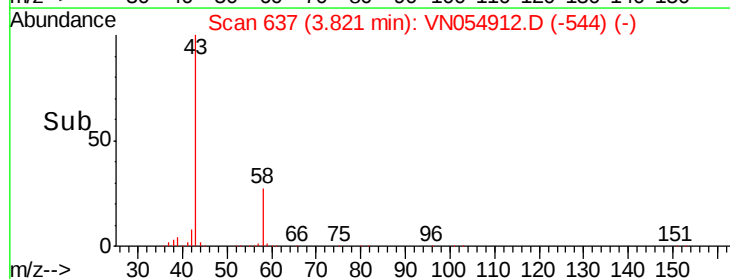
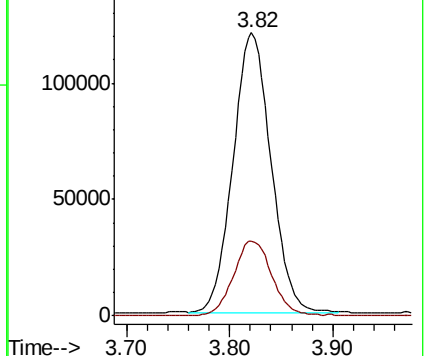
43 100

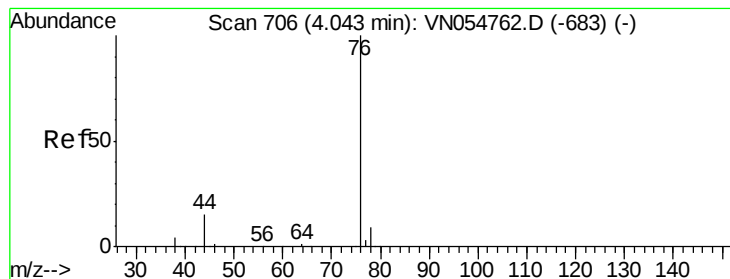
58 26.5 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054912.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN054912.D (-544) (-)





#17

Carbon Disulfide

Concen: 46.389 ug/l

RT: 4.04 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

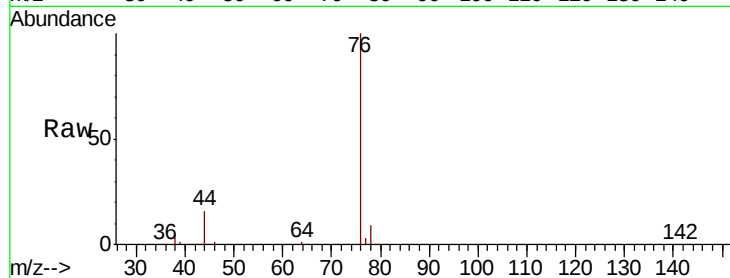
ClientSampleId :

Tot Ion: 76 Resp: 491365

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN054912.D (-613) (-)

Ion 77.90 (77.60 to 78.60): VN054912.D (-613) (-)

4.04

200000

150000

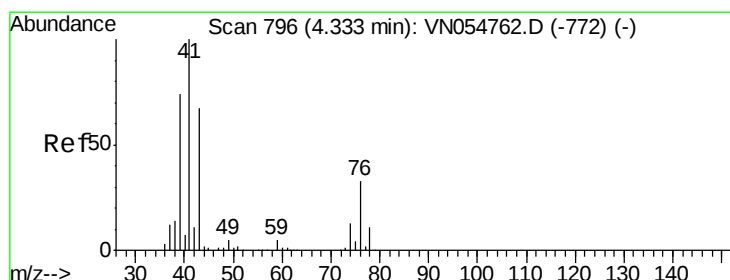
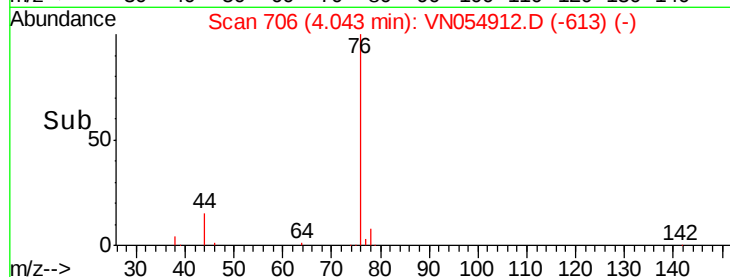
100000

50000

0

4.00 4.10

Time-->



#18

Methyl Acetate

Concen: 57.472 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN054912.D

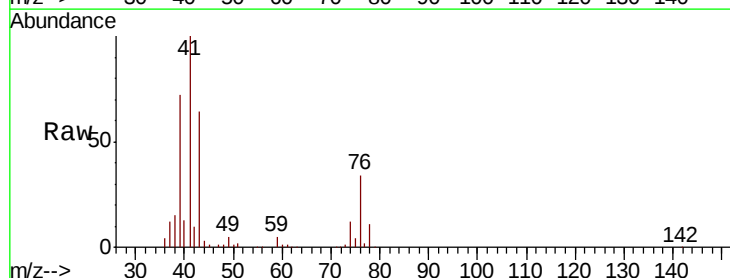
Acq: 2 Apr 2019 19:48

Tgt Ion: 43 Resp: 199445

Ion Ratio Lower Upper

43 100

74 19.9 20.8 31.2#



Abundance Ion 43.00 (42.70 to 43.70): VN054912.D (-702) (-)

Ion 74.00 (73.70 to 74.70): VN054912.D (-702) (-)

4.33

80000

60000

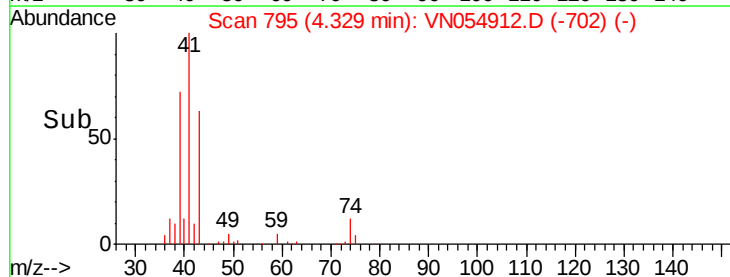
40000

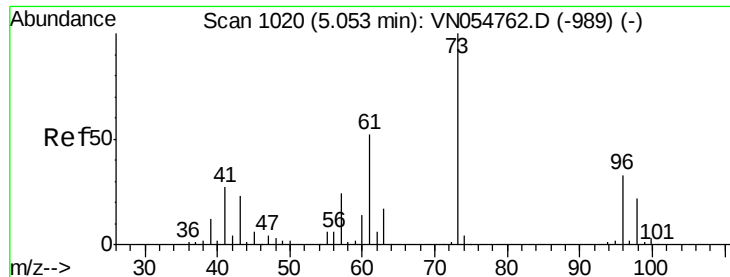
20000

0

4.20 4.30 4.40

Time-->

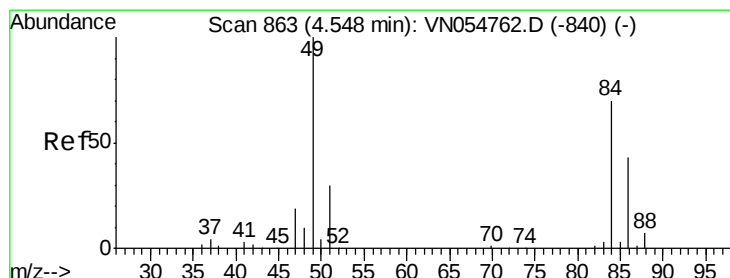
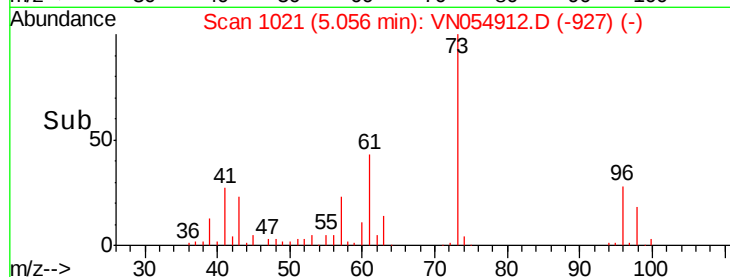
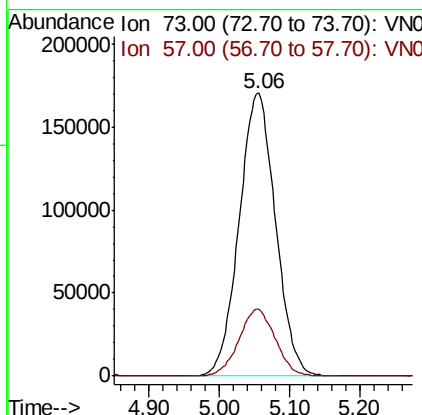
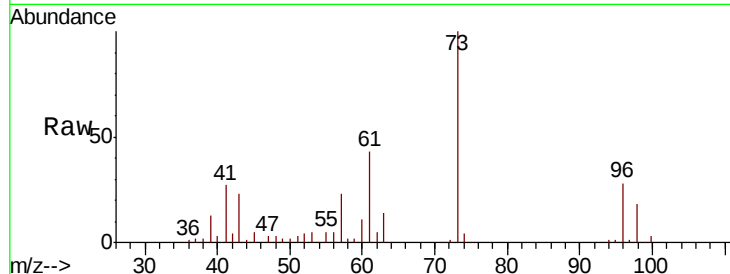




#19
Methvl tert-butvl Ether
Concen: 53.615 ug/l
RT: 5.06 min Scan# 1021
Delta R.T. 0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

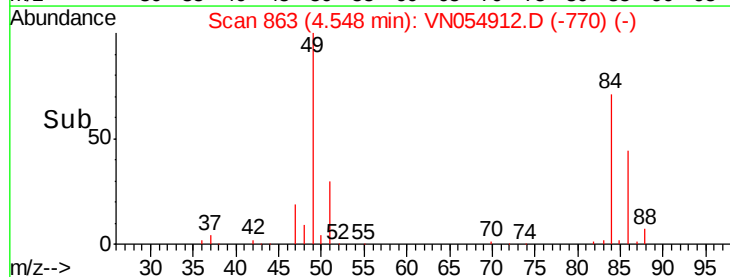
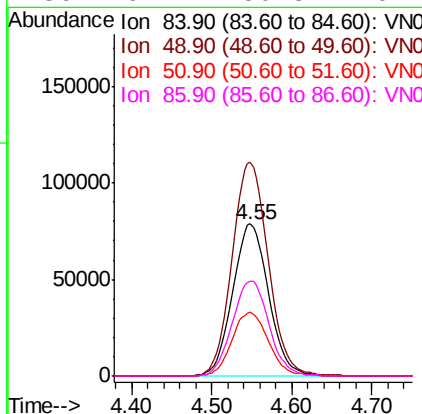
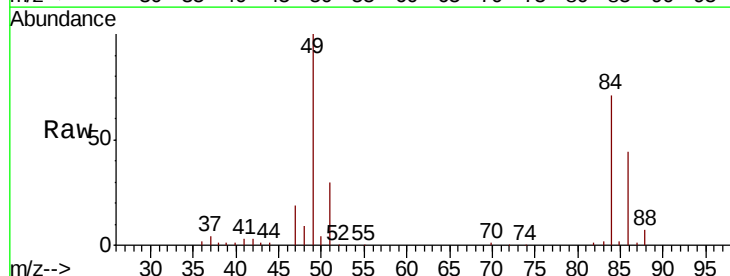
Instrument :
MSVOA_N
ClientSampled :

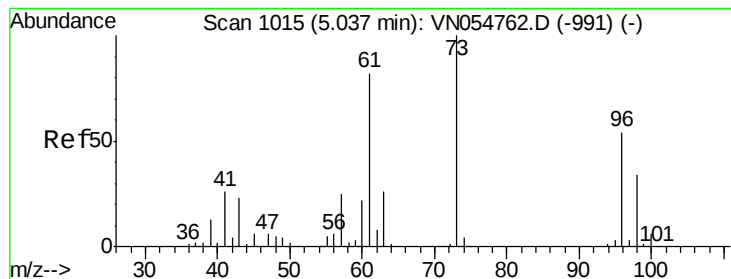
Tot Ion: 73 Resp: 612484
Ion Ratio Lower Upper
73 100
57 23.5 16.8 25.2



#20
Methylene Chloride
Concen: 50.868 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion: 84 Resp: 239637
Ion Ratio Lower Upper
84 100
49 140.3 89.7 134.5#
51 41.8 28.2 42.4
86 62.4 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.089 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. -0.00 min

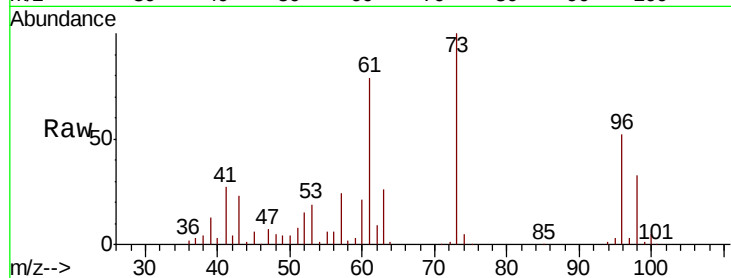
Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 219149

Ion	Ratio	Lower	Upper
96	100		
61	152.2	102.8	154.2
98	63.2	50.0	75.0

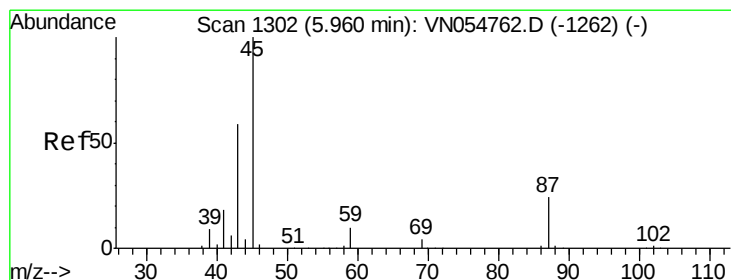
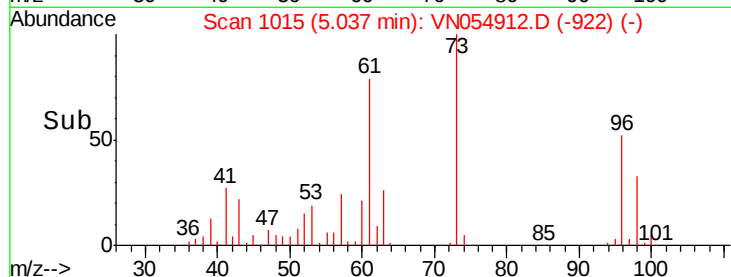
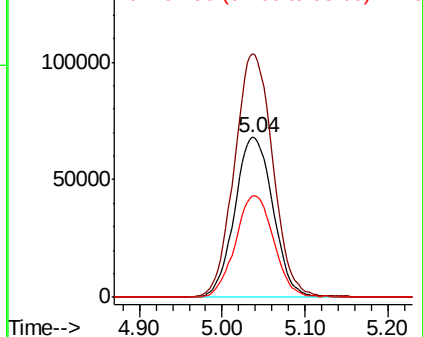


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 54.719 ug/l

RT: 5.96 min Scan# 1302

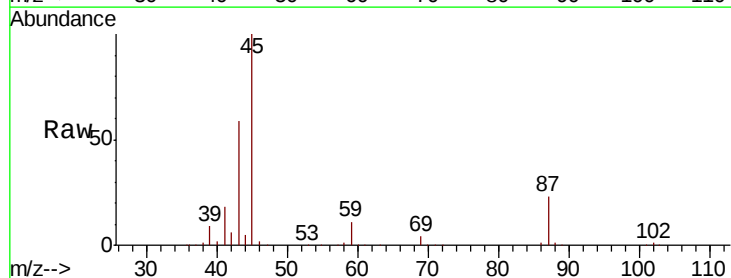
Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Tgt Ion: 45 Resp: 870580

Ion	Ratio	Lower	Upper
45	100		
43	58.9	48.2	72.2
87	22.7	24.9	37.3
59	10.6	9.5	14.3



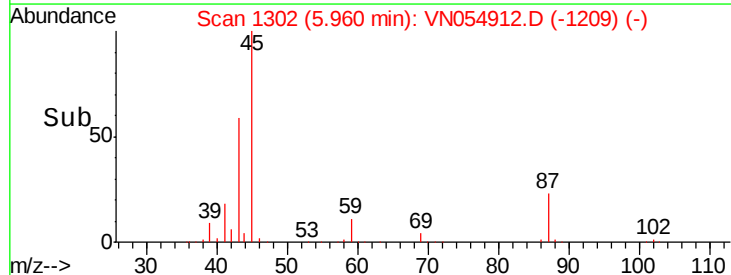
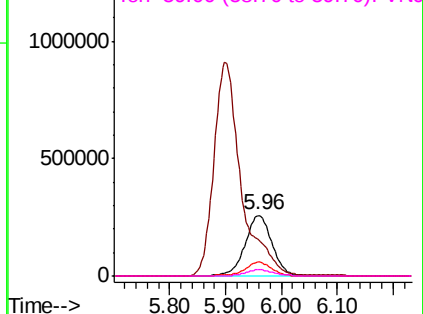
Abundance

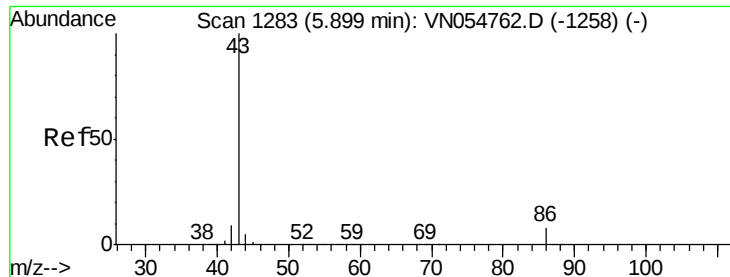
Ion 45.00 (44.70 to 45.70): VN0

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: 280.008 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

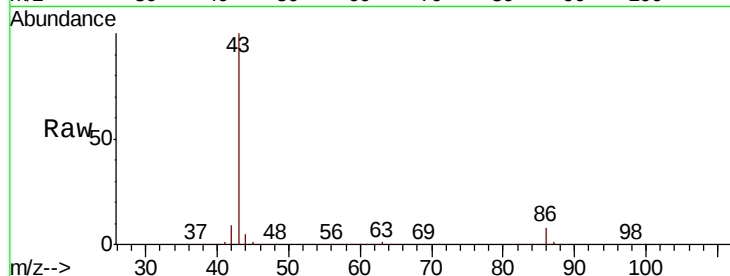
ClientSampled :

Tot Ion: 43 Resp: 3100184

Ion Ratio Lower Upper

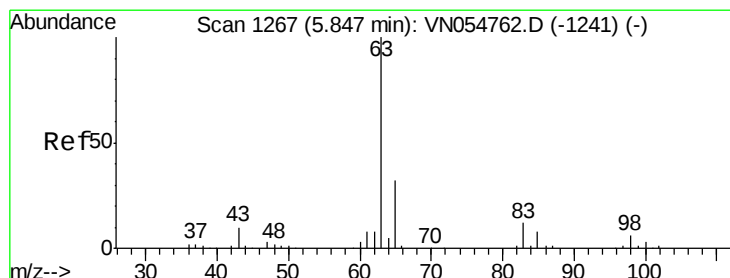
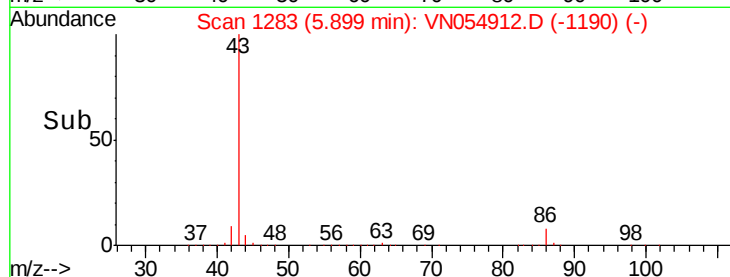
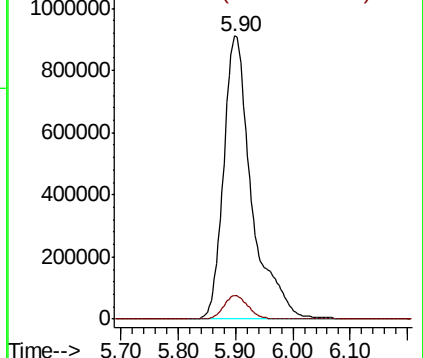
43 100

86 8.5 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 53.631 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

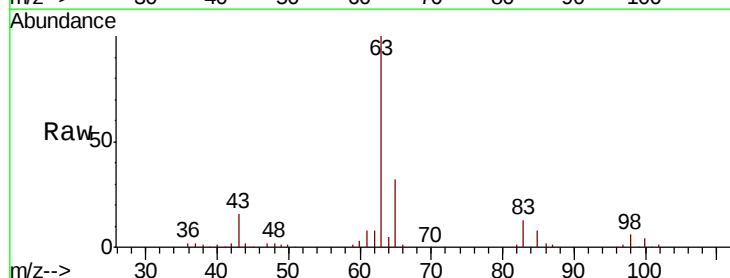
Tgt Ion: 63 Resp: 455164

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.5

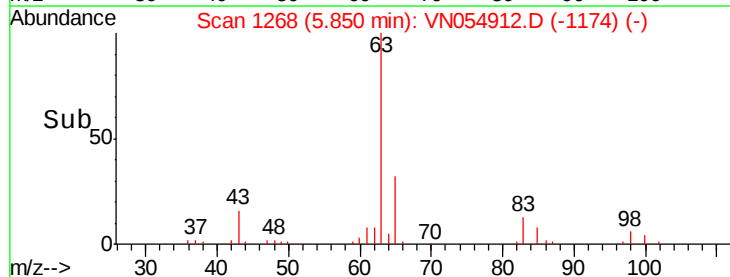
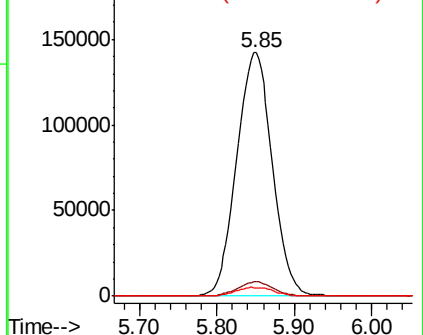
100 3.5 2.0 6.0

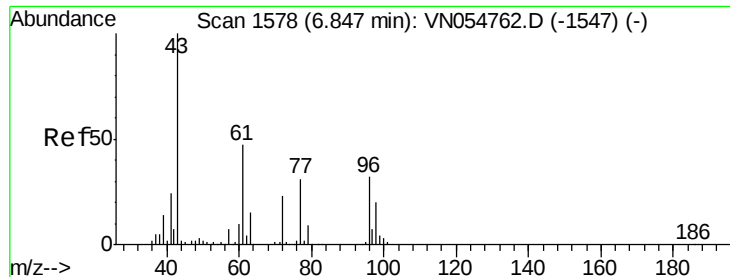


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 273.396 ug/l

RT: 6.85 min Scan# 1578

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

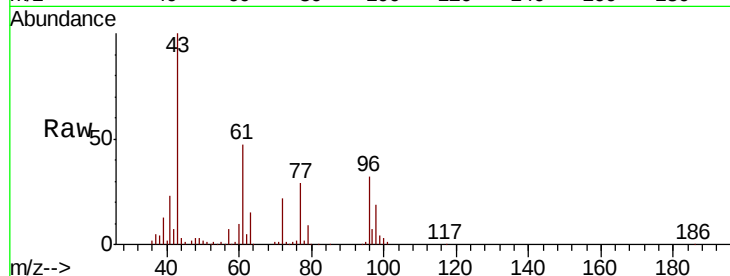
ClientSampleId :

Tot Ion: 43 Resp: 539735

Ion Ratio Lower Upper

43 100

72 22.4 23.0 34.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.85

200000

150000

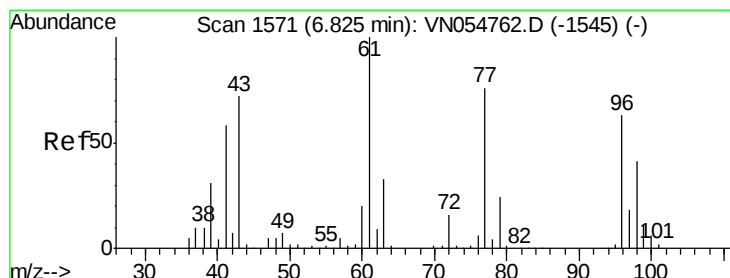
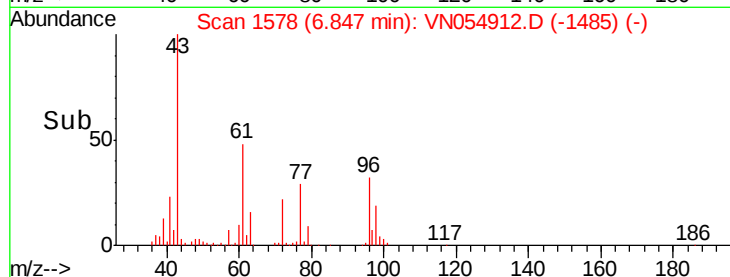
100000

50000

0

6.70 6.80 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 51.358 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN054912.D

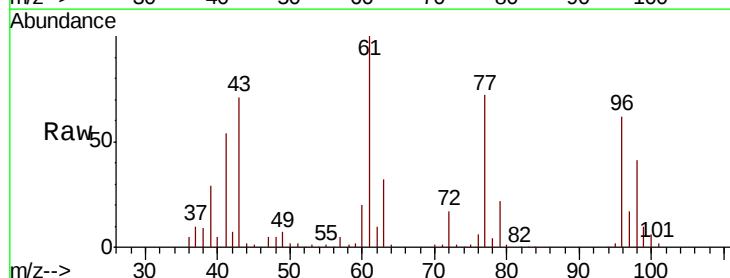
Acq: 2 Apr 2019 19:48

Tgt Ion: 77 Resp: 305498

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

100000

80000

60000

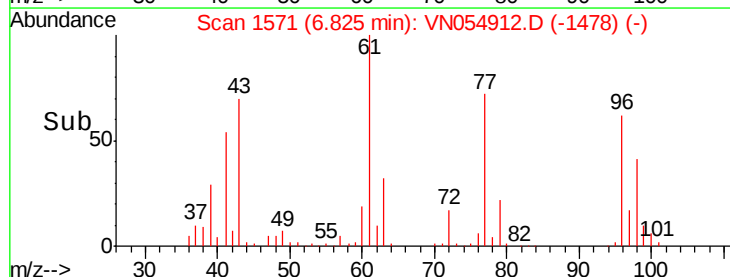
40000

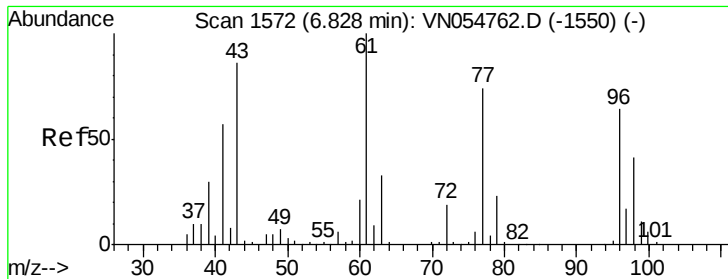
20000

0

6.70 6.80 6.90

Time-->

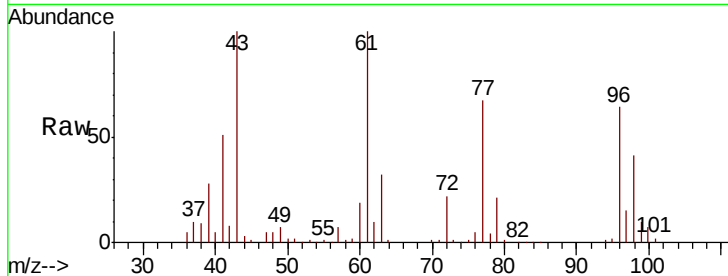




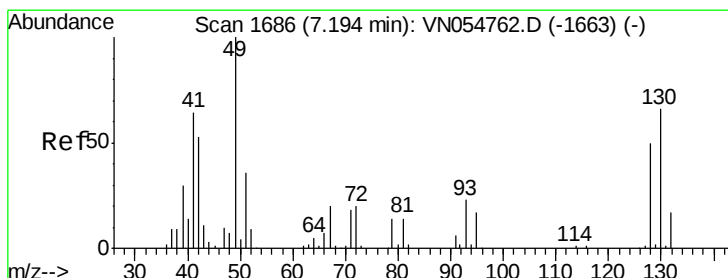
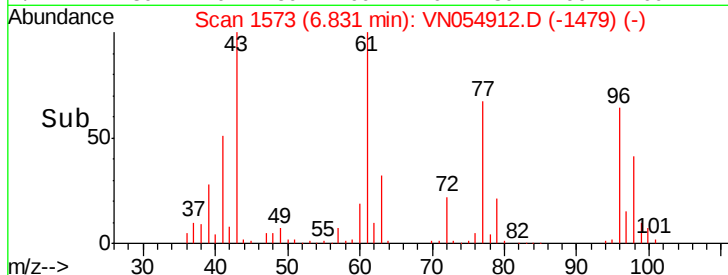
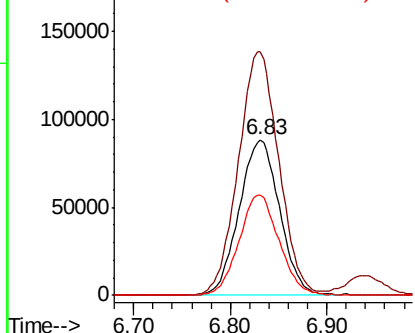
#27
 cis-1,2-Dichloroethene
 Concen: 52.997 ug/l
 RT: 6.83 min Scan# 1573
 Delta R.T. 0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 96 Resp: 256817
 Ion Ratio Lower Upper
 96 100
 61 157.1 0.0 273.0
 98 64.1 0.0 130.6

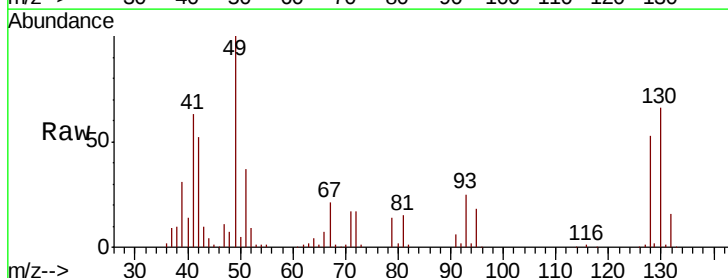


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

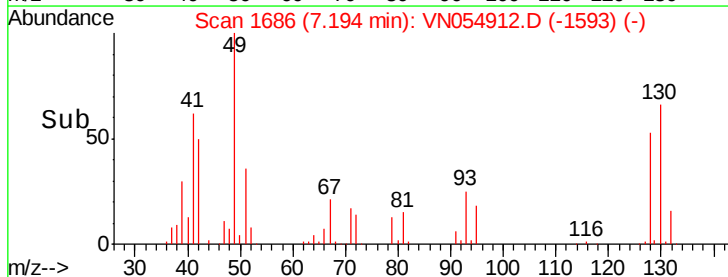
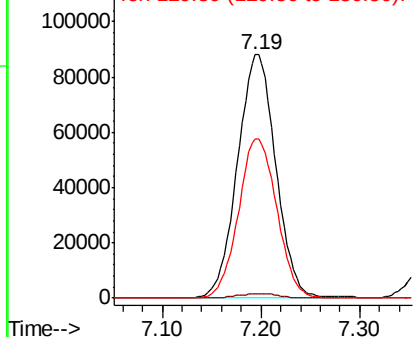


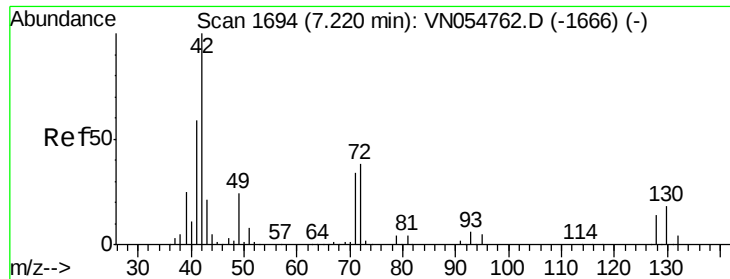
#28
 Bromochloromethane
 Concen: 55.777 ug/l
 RT: 7.19 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion: 49 Resp: 236707
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.6
 130 65.7 76.7 115.1#



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

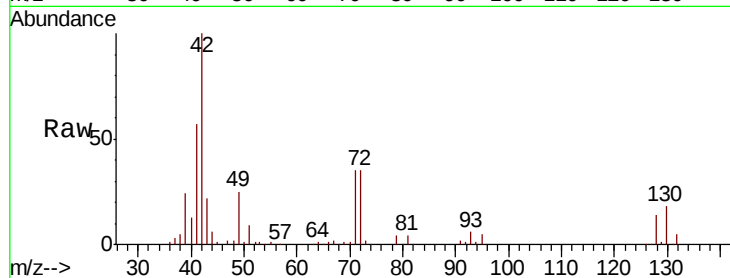




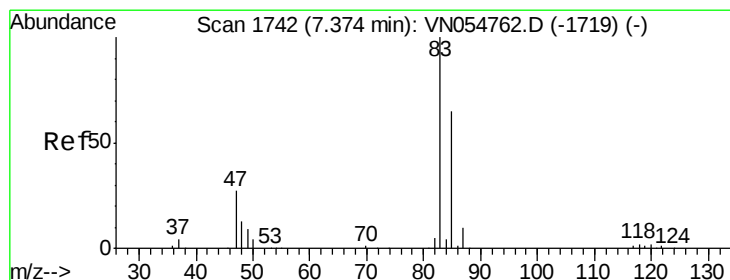
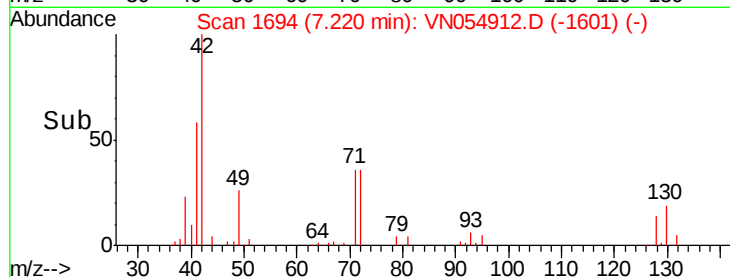
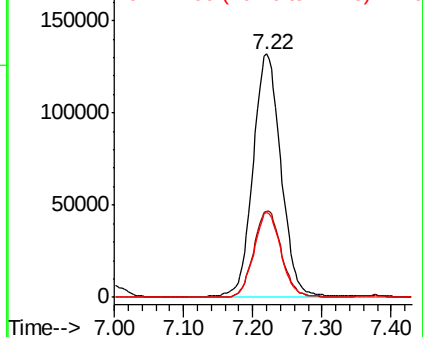
#29
Tetrahydrofuran
Concen: 268.313 ug/l
RT: 7.22 min Scan# 1694
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 367902
Ion Ratio Lower Upper
42 100
72 35.3 37.8 56.6#
71 33.7 36.2 54.2#

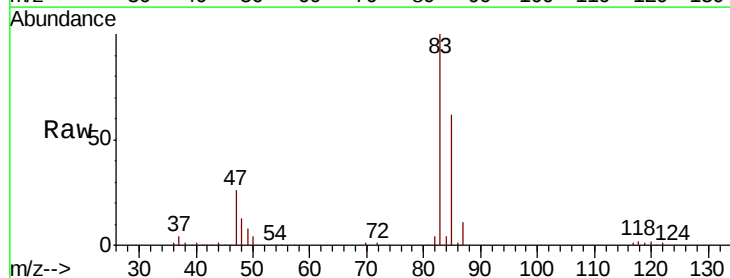


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

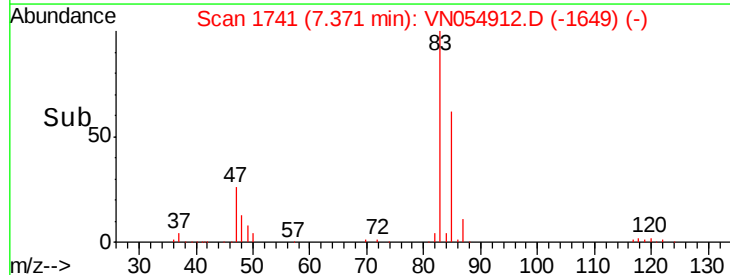
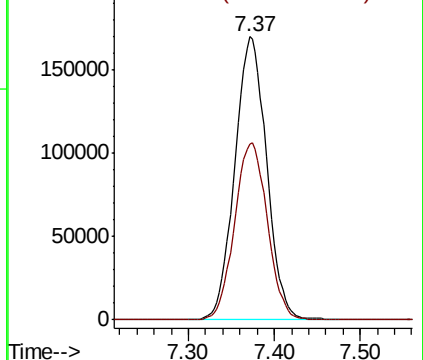


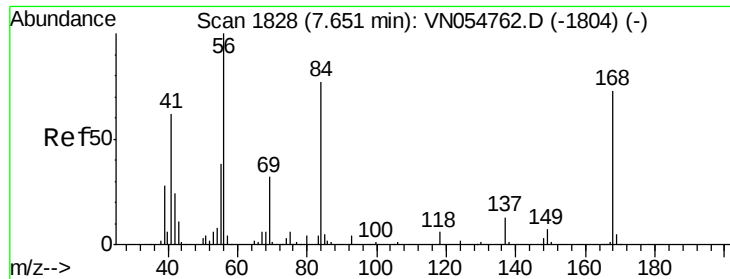
#30
Chloroform
Concen: 54.074 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion: 83 Resp: 437606
Ion Ratio Lower Upper
83 100
85 62.3 52.2 78.4



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





#31

Cyclohexane

Concen: 53.476 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :
MSVOA_N
ClientSampleId :

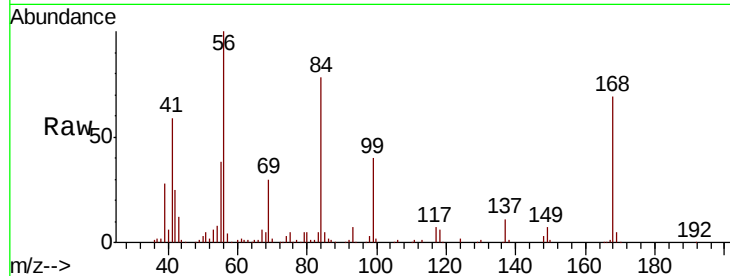
Tot Ion: 56 Resp: 412428

Ion Ratio Lower Upper

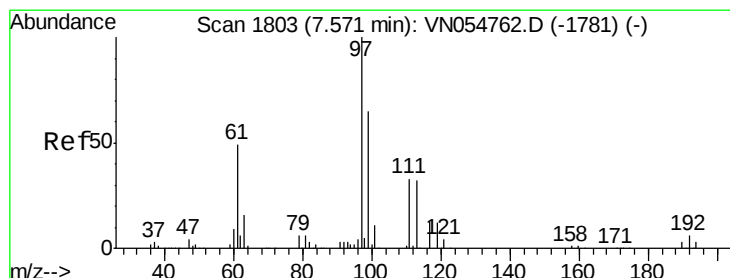
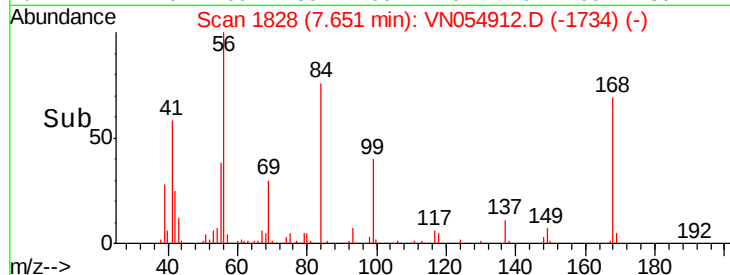
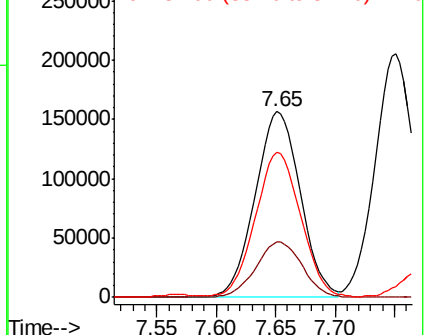
56 100

69 29.7 27.8 41.6

84 76.8 74.6 111.8



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 53.653 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

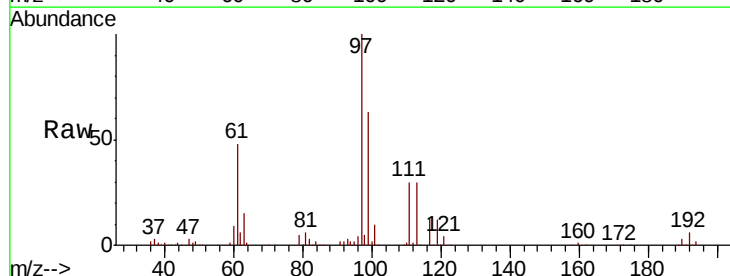
Tgt Ion: 97 Resp: 359825

Ion Ratio Lower Upper

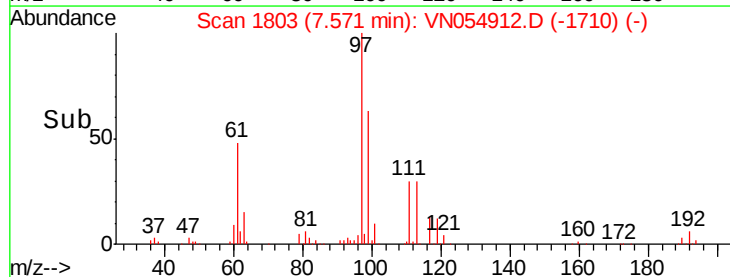
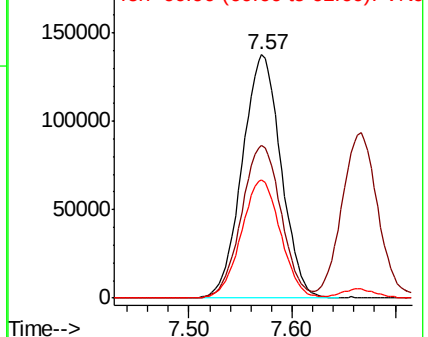
97 100

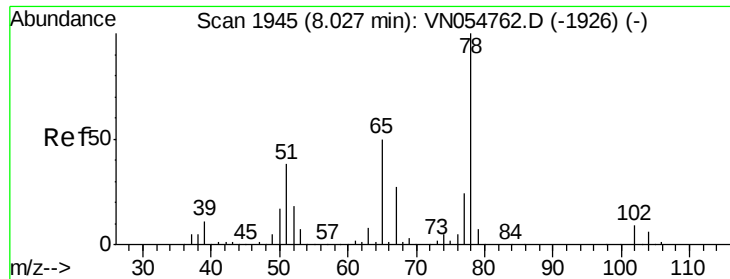
99 64.0 51.5 77.3

61 49.2 33.6 50.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

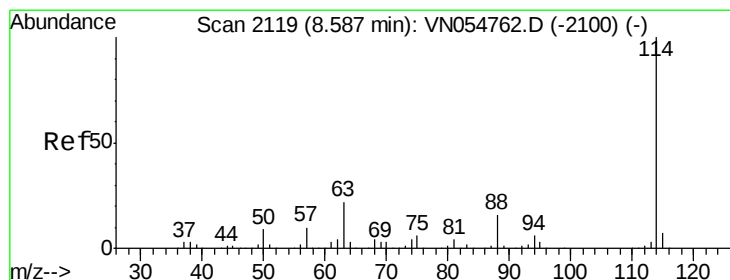
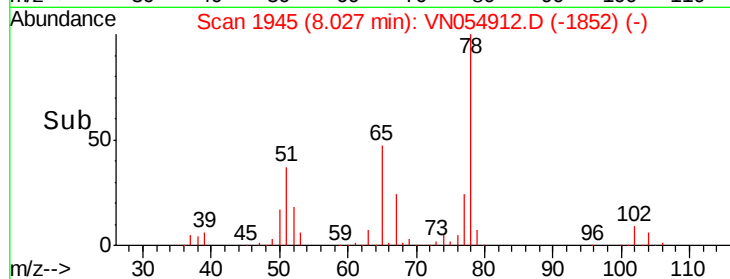
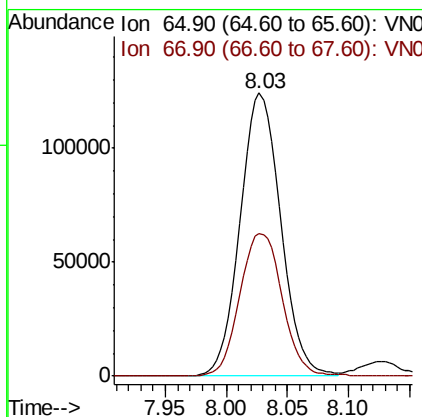
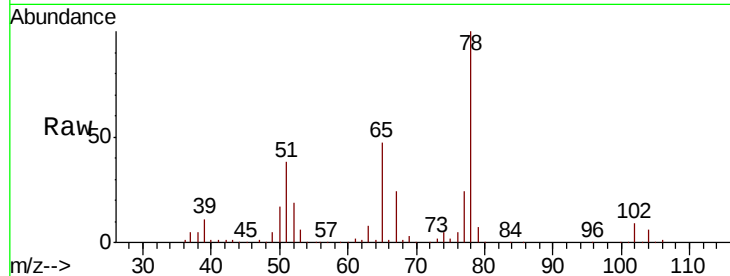




#33
 1,2-Dichloroethane-d4
 Concen: 51.077 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

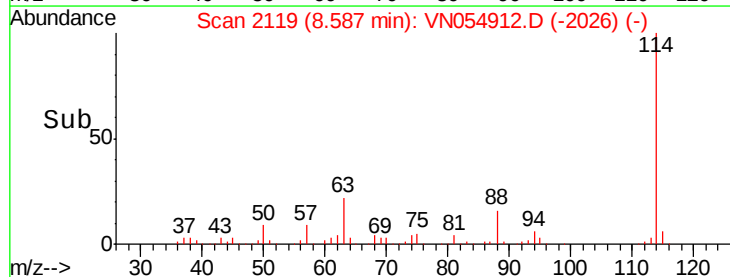
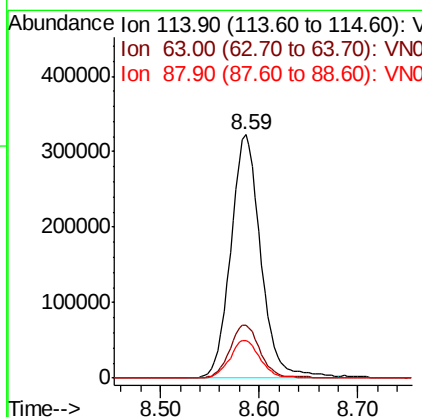
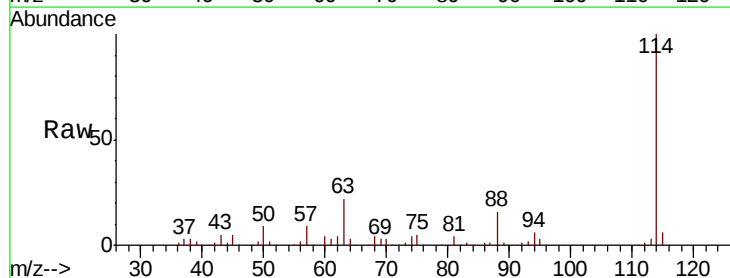
Instrument :
 MSVOA_N
 ClientSampled :

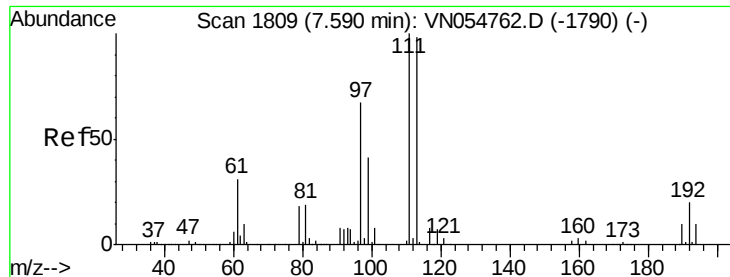
Tot Ion: 65 Resp: 286061
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion: 114 Resp: 684391
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 35.2
 88 15.7 0.0 30.2

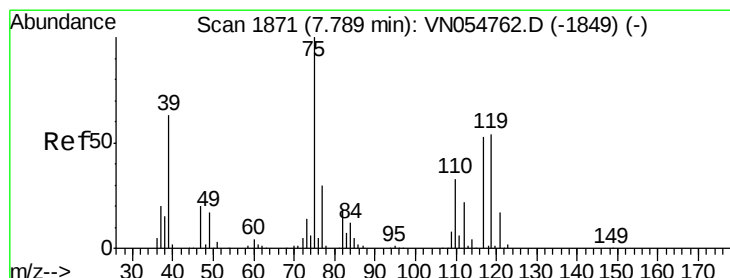
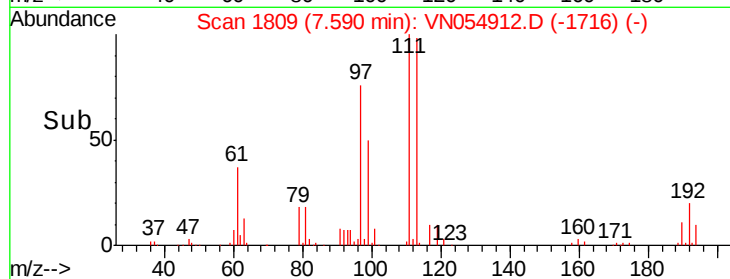
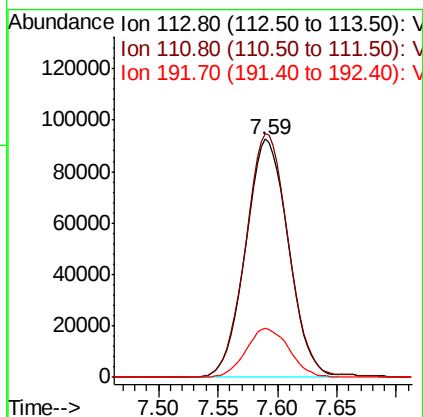
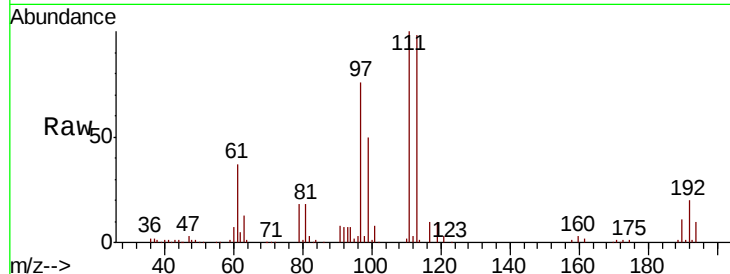




#35
 Dibromofluoromethane
 Concen: 50.586 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

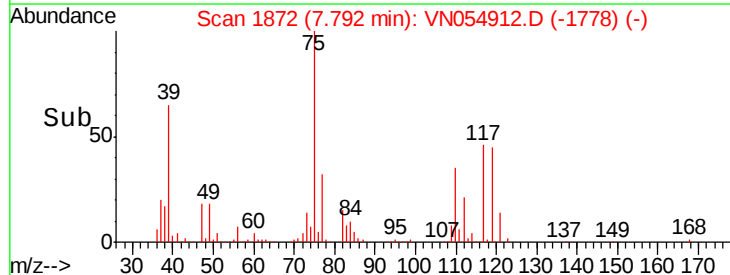
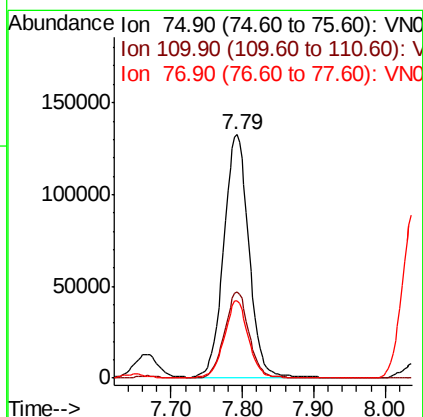
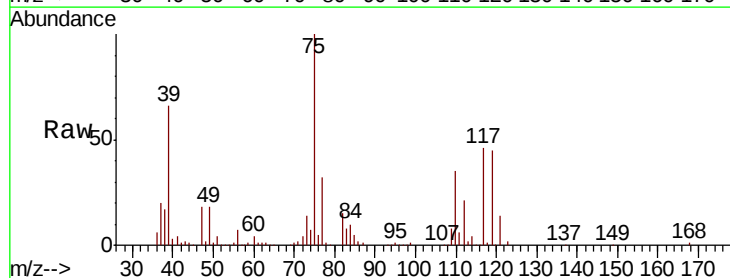
Instrument :
 MSVOA_N
 ClientSampleId :

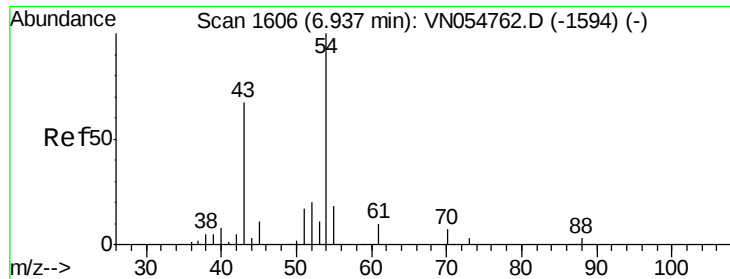
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.4
192	20.8	19.2	28.8



#36
 1,1-Dichloropropene
 Concen: 50.949 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.4	19.1	57.5
77	30.5	25.0	37.4

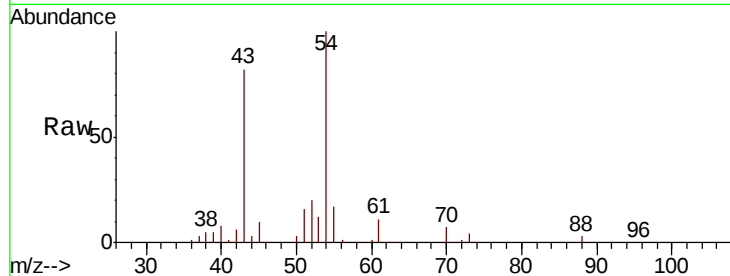




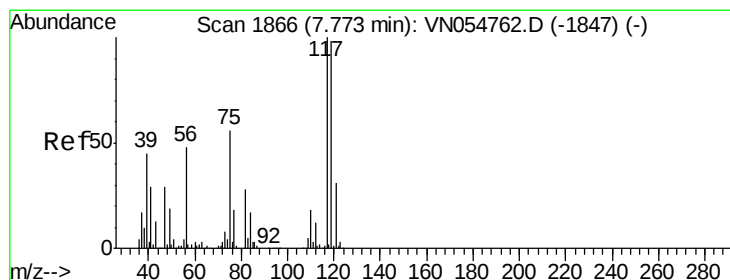
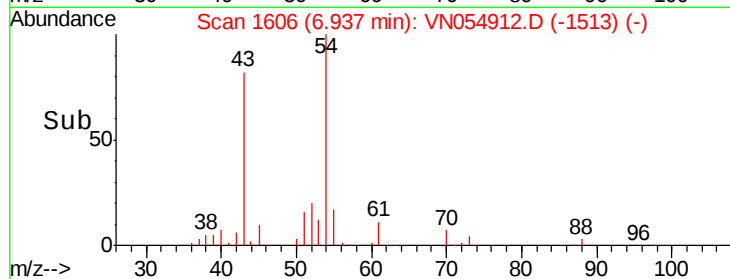
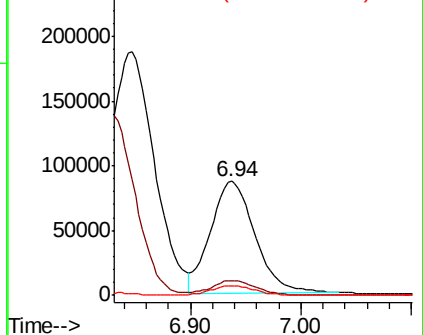
#37
Ethyl Acetate
Concen: 52.114 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 243716
Ion Ratio Lower Upper
43 100
61 12.5 11.8 17.6
70 8.5 8.4 12.6

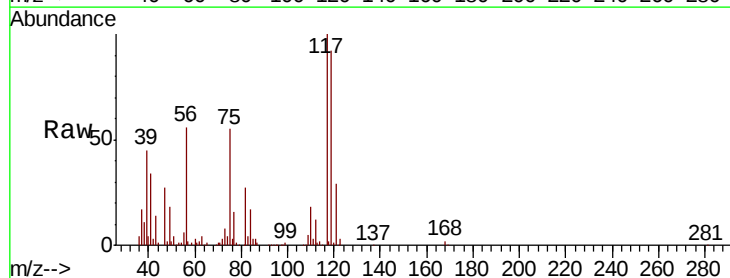


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

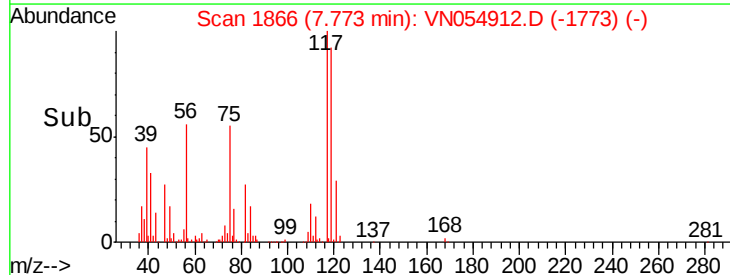
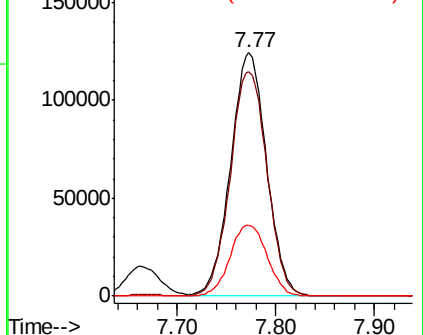


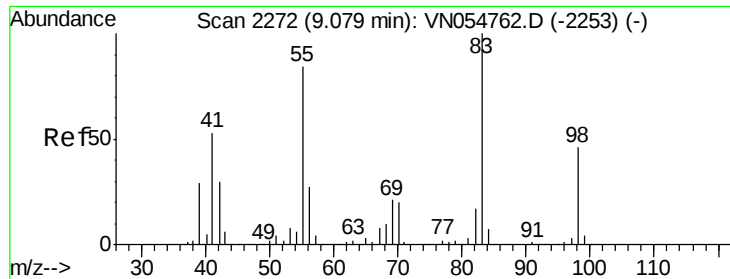
#38
Carbon Tetrachloride
Concen: 50.806 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion: 117 Resp: 314693
Ion Ratio Lower Upper
117 100
119 92.3 76.3 114.5
121 29.1 24.6 36.8



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

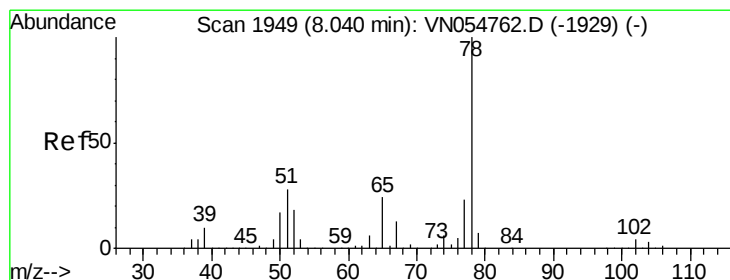
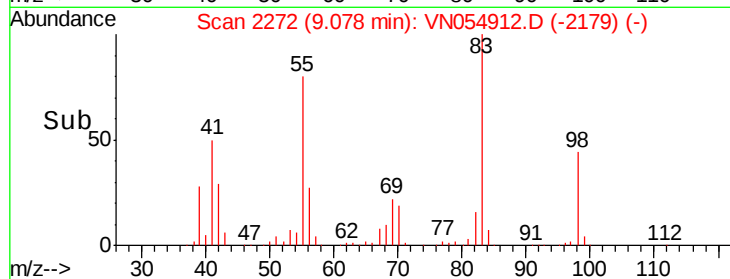
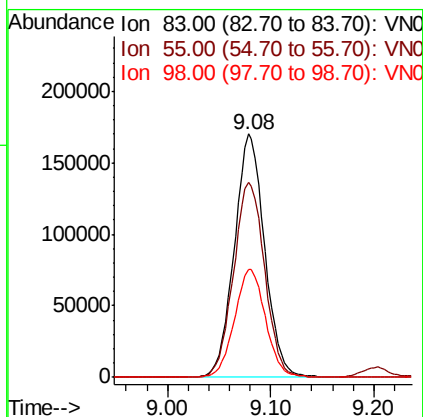
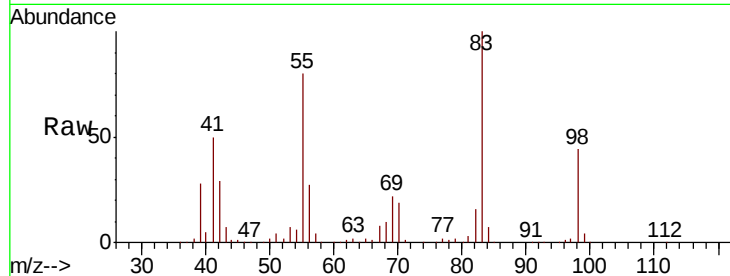




#39
Methvlcvclohexane
Concen: 49.728 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

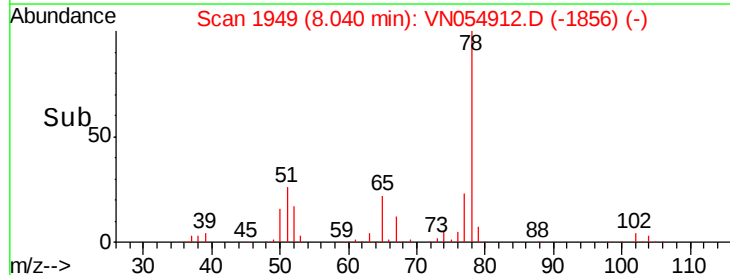
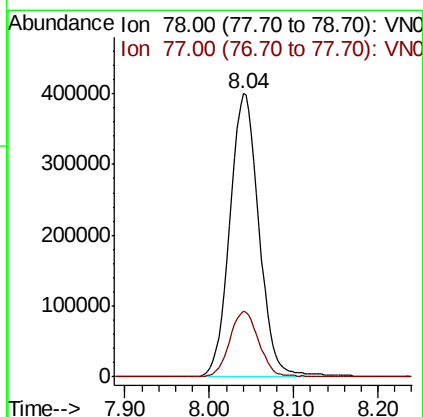
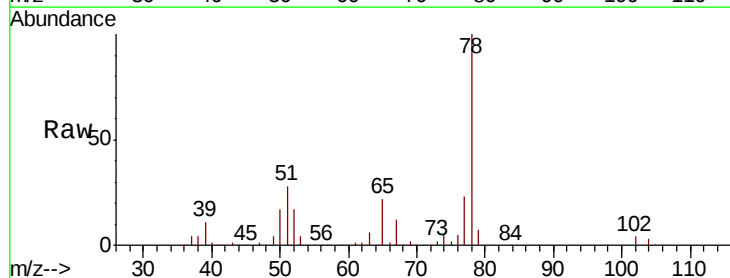
Instrument :
MSVOA_N
ClientSampled :

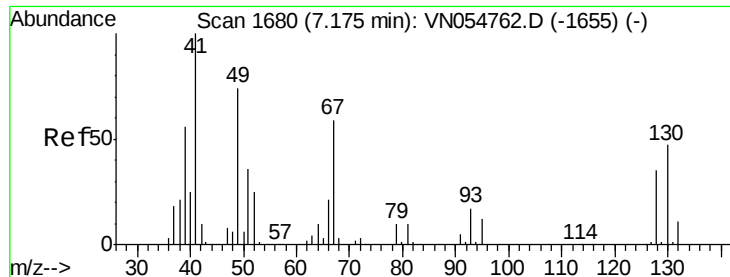
Tot Ion: 83 Resp: 348645
Ion Ratio Lower Upper
83 100
55 80.3 56.6 84.8
98 44.3 38.4 57.6



#40
Benzene
Concen: 52.851 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion: 78 Resp: 964403
Ion Ratio Lower Upper
78 100
77 23.1 19.1 28.7

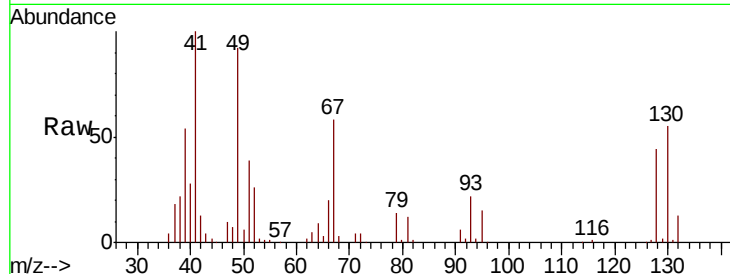




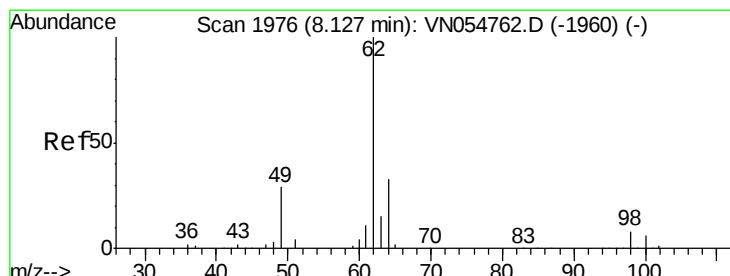
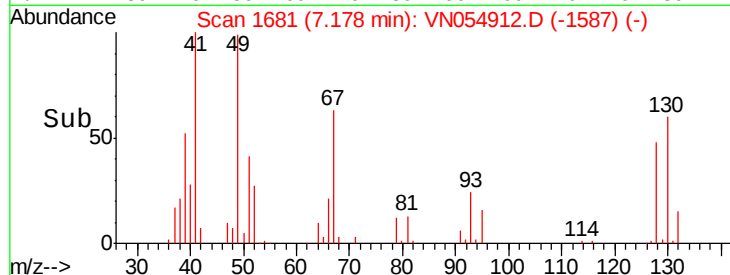
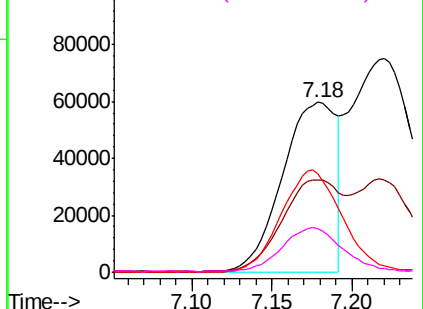
#41
Methacrylonitrile
Concen: 53.770 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 141258
Ion Ratio Lower Upper
41 100
39 61.1 46.8 70.2
67 68.1 67.0 100.4
52 28.5 26.5 39.7

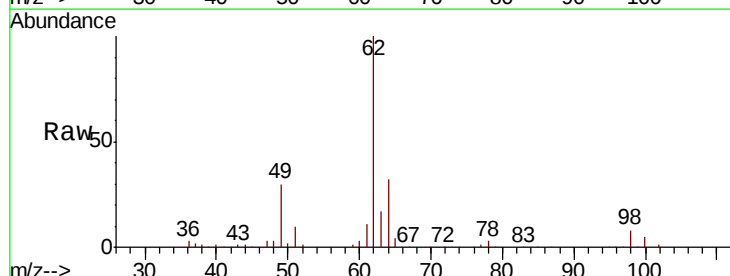


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

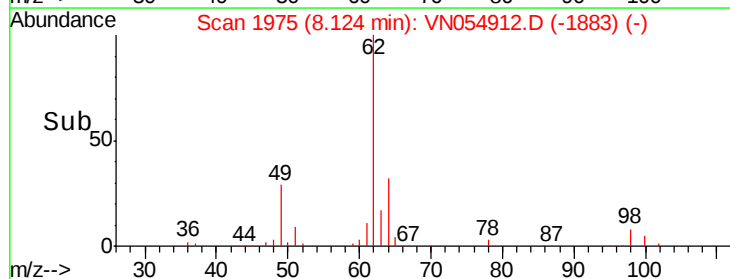
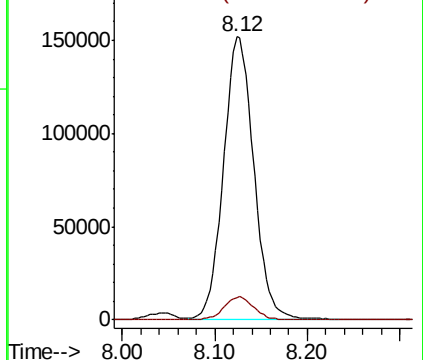


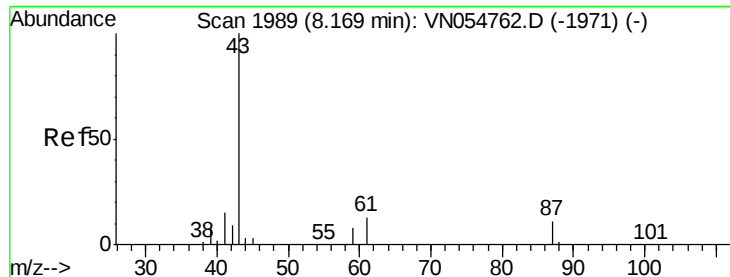
#42
1,2-Dichloroethane
Concen: 52.518 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion: 62 Resp: 342179
Ion Ratio Lower Upper
62 100
98 8.1 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VNC
Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 55.504 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :
MSVOA_N
ClientSampled :

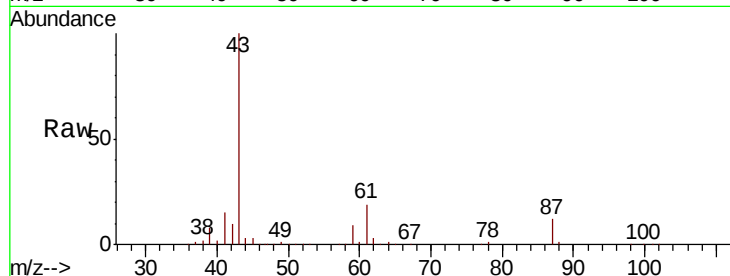
Tot Ion: 43 Resp: 421758

Ion Ratio Lower Upper

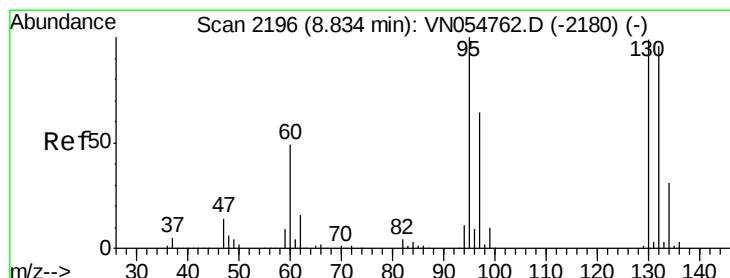
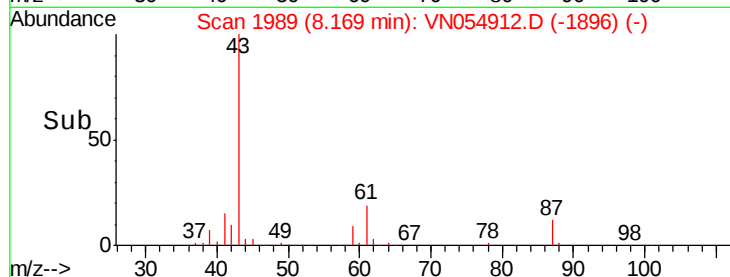
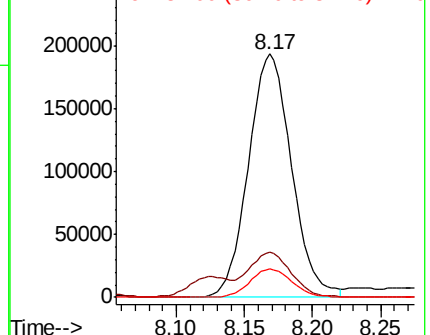
43 100

61 18.0 15.8 23.8

87 11.6 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 52.176 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN054912.D

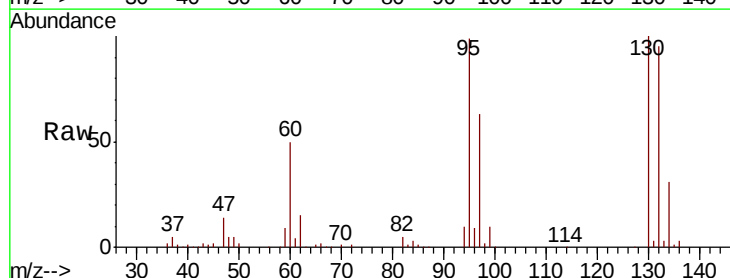
Acq: 2 Apr 2019 19:48

Tgt Ion:130 Resp: 247149

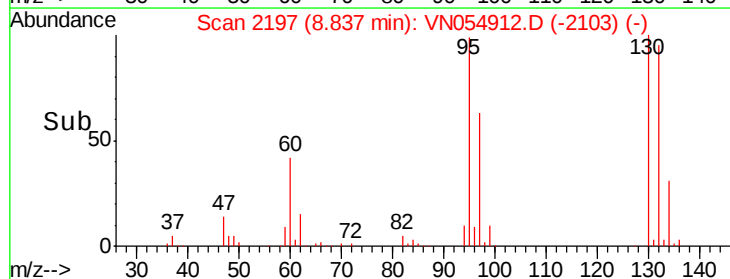
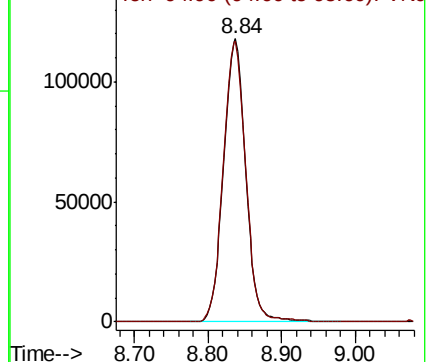
Ion Ratio Lower Upper

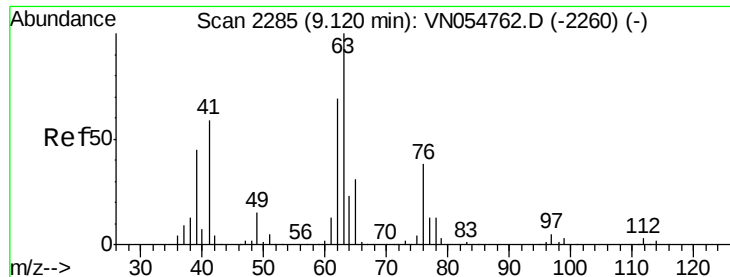
130 100

95 99.1 0.0 185.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

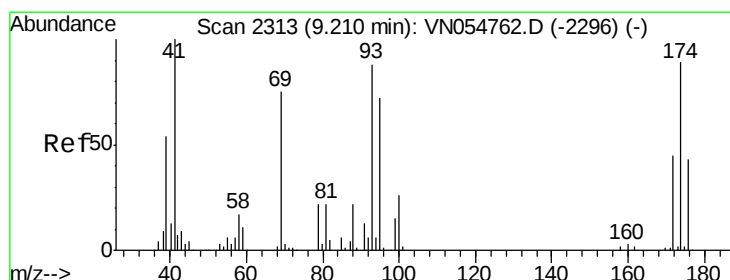
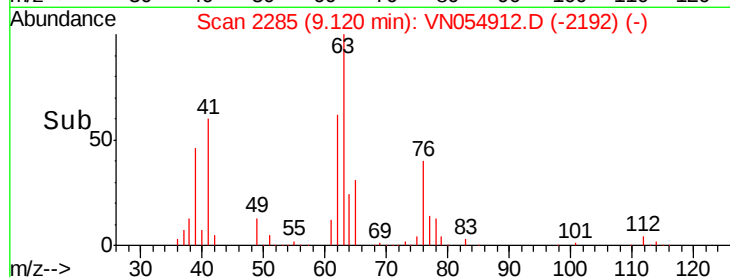
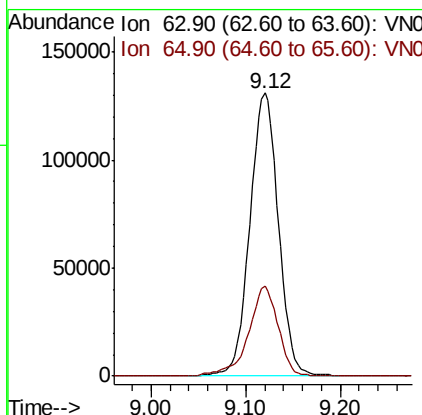
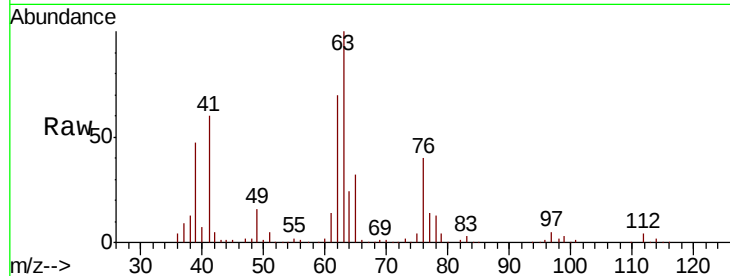




#45
 1,2-Dichloropropane
 Concen: 52.814 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

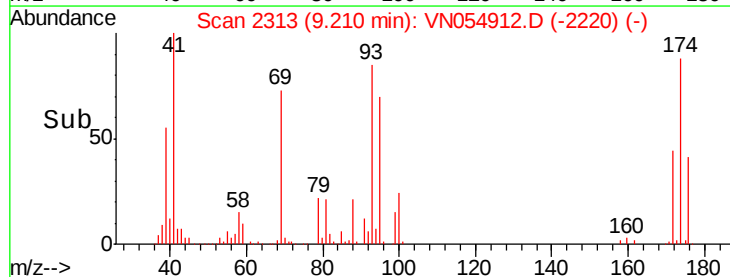
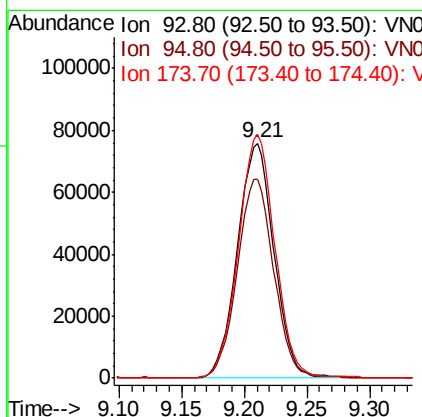
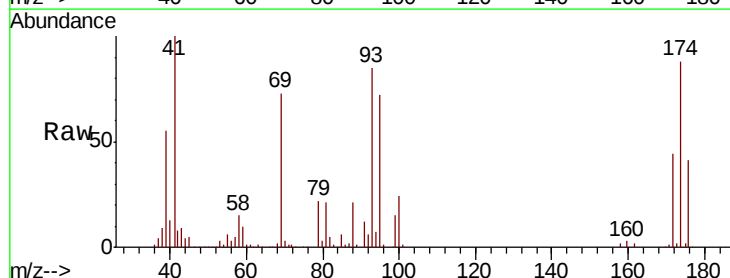
Instrument :
 MSVOA_N
 ClientSampled :

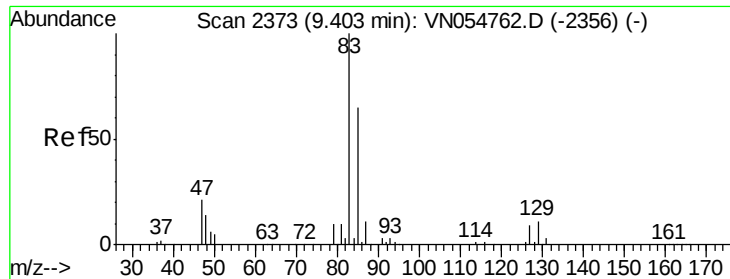
Tot Ion: 63 Resp: 274797
 Ion Ratio Lower Upper
 63 100
 65 31.7 25.0 37.6



#46
 Dibromomethane
 Concen: 52.576 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion: 93 Resp: 153888
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.7 100.1
 174 103.7 98.5 147.7





#47

Bromodichloromethane

Concen: 54.553 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

ClientSampled :

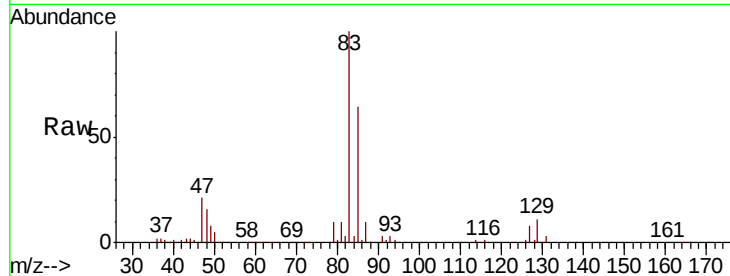
Tot Ion: 83 Resp: 331853

Ion Ratio Lower Upper

83 100

85 63.9 52.8 79.2

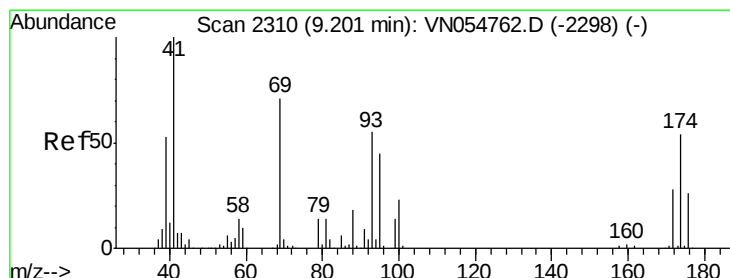
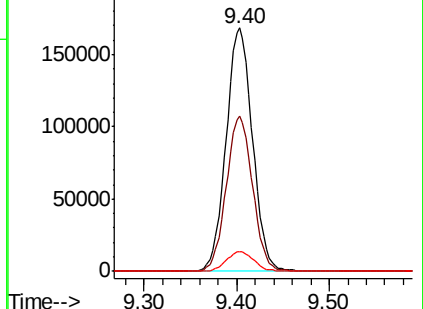
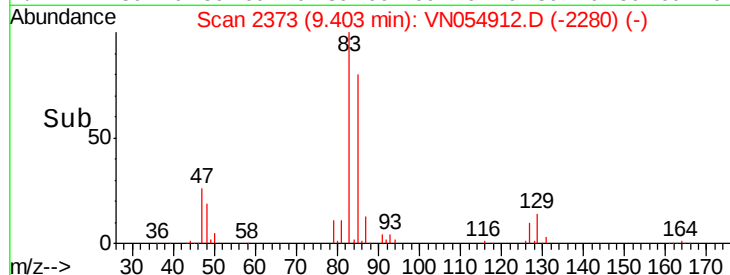
127 8.3 7.4 11.2



Abundance Ion 82.90 (82.60 to 83.60): VN054912.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN054912.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN054912.D (-2280) (-)



#48

Methyl methacrylate

Concen: 50.914 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

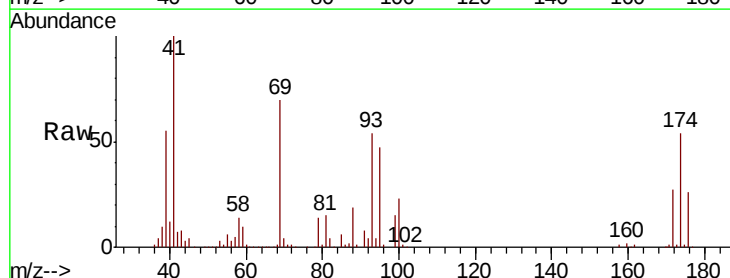
Tgt Ion: 41 Resp: 209720

Ion Ratio Lower Upper

41 100

69 76.2 72.6 108.8

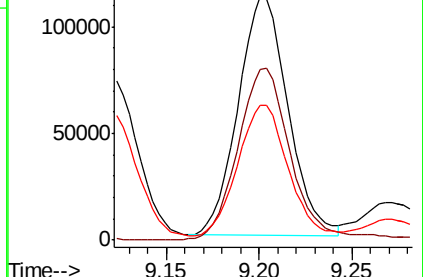
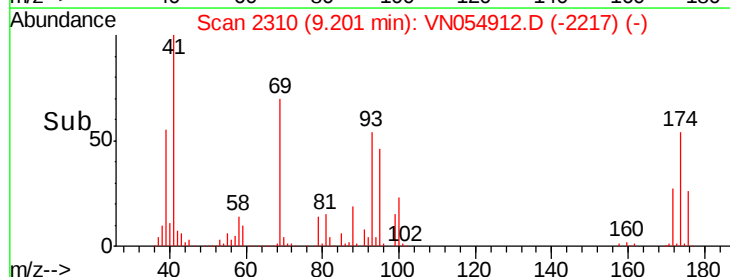
39 58.0 47.5 71.3

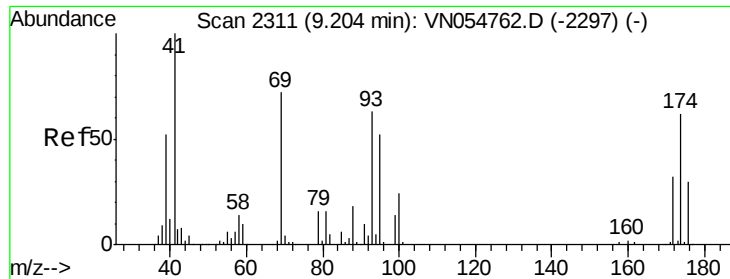


Abundance Ion 41.00 (40.70 to 41.70): VN054912.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN054912.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN054912.D (-2217) (-)

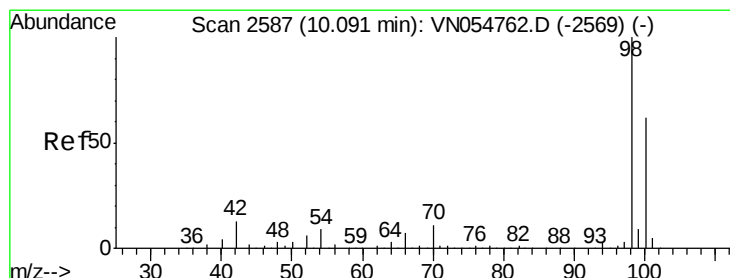
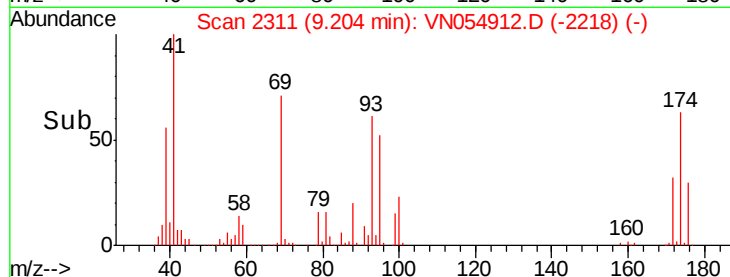
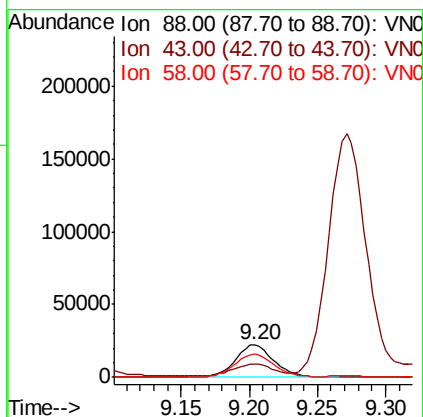
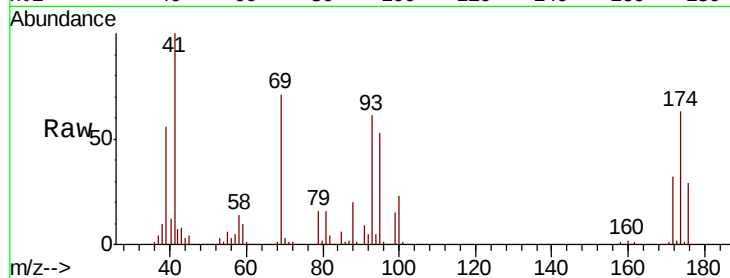




#49
 1,4-Dioxane
 Concen: 1074.782 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

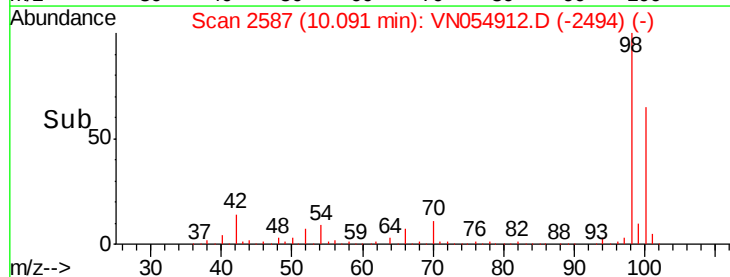
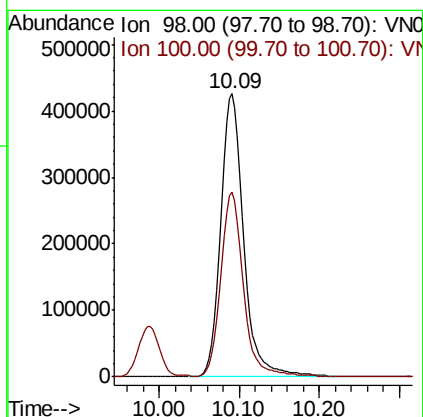
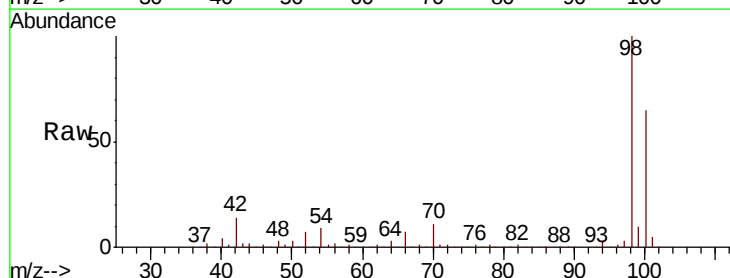
Instrument :
 MSVOA_N
 ClientSampled :

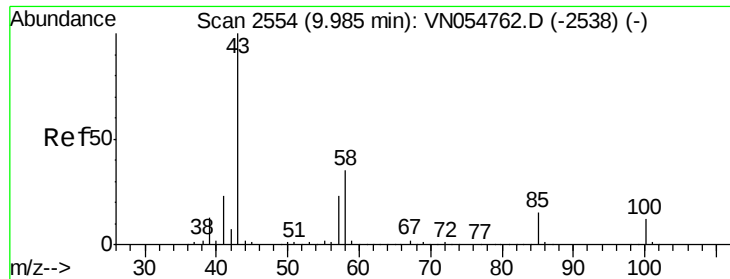
Tot Ion: 88 Resp: 43927
 Ion Ratio Lower Upper
 88 100
 43 36.7 24.1 36.1#
 58 74.7 50.8 76.2



#50
 Toluene-d8
 Concen: 50.105 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion: 98 Resp: 849953
 Ion Ratio Lower Upper
 98 100
 100 63.8 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 280.729 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

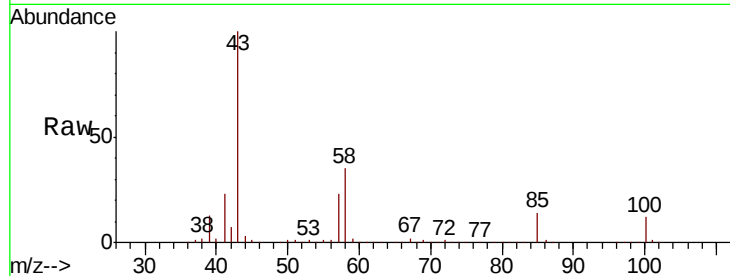
ClientSampleId :

Tot Ion: 43 Resp: 1199331

Ion Ratio Lower Upper

43 100

58 35.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN054762.D (-2538) (-)

9.99

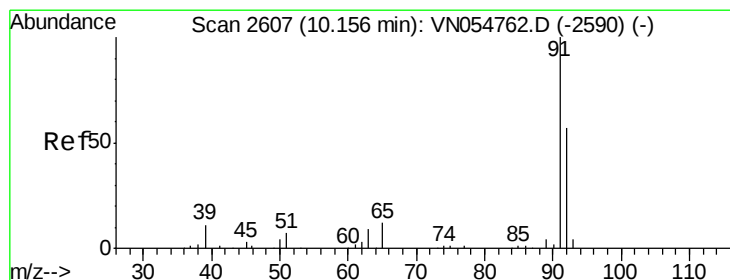
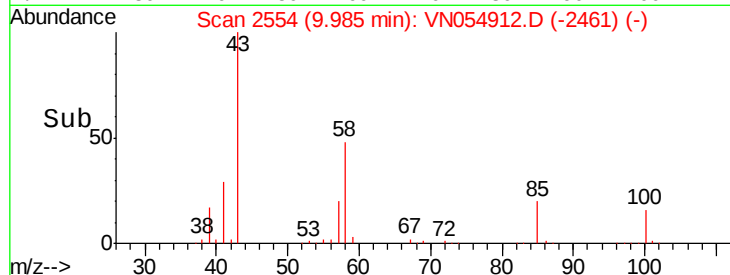
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.814 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054912.D

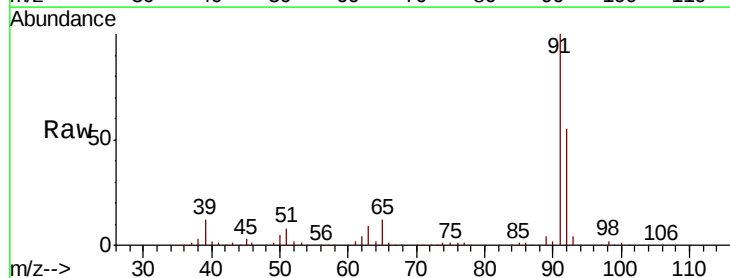
Acq: 2 Apr 2019 19:48

Tgt Ion: 92 Resp: 573460

Ion Ratio Lower Upper

92 100

91 177.4 140.7 211.1



Abundance Ion 92.00 (91.70 to 92.70): VN054762.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN054762.D (-2590) (-)

10.16

600000

500000

400000

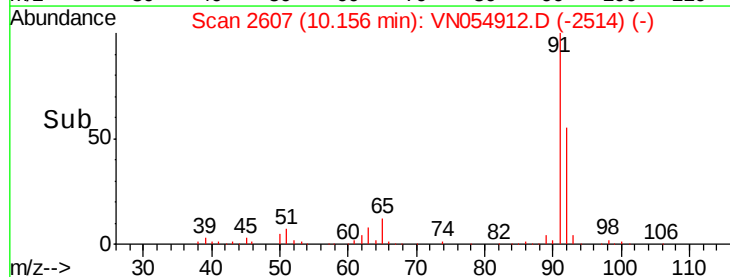
300000

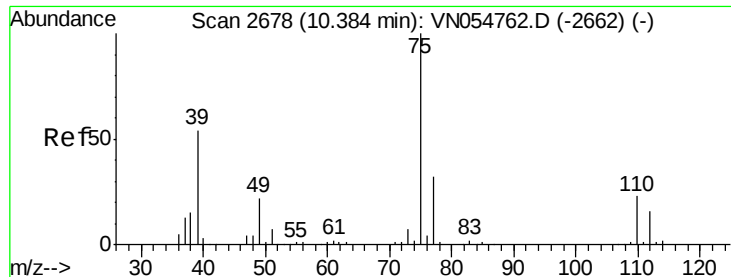
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 57.098 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

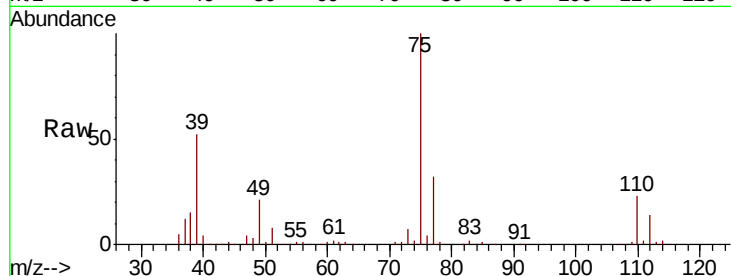
ClientSampled :

Tot Ion: 75 Resp: 326724

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

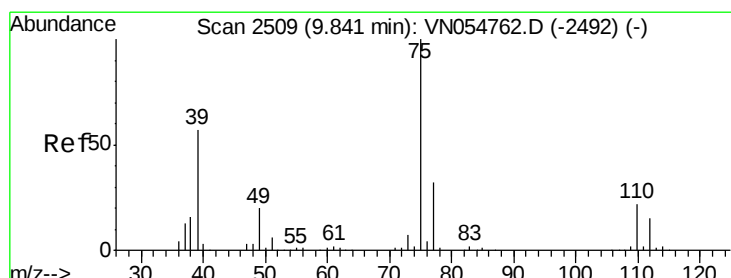
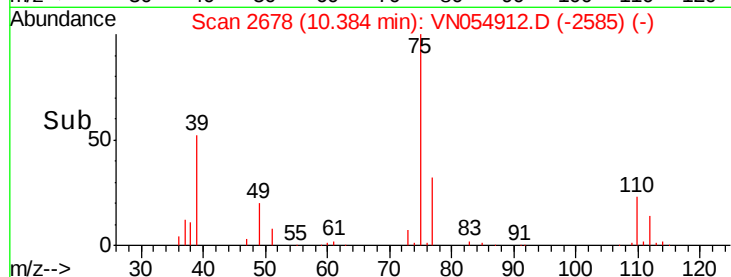
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 56.660 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

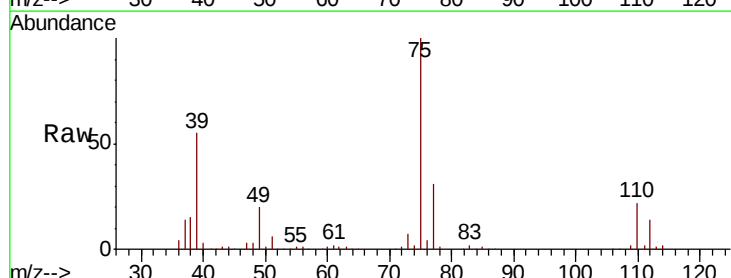
Tgt Ion: 75 Resp: 387296

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0

39 55.0 37.2 55.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

250000

200000

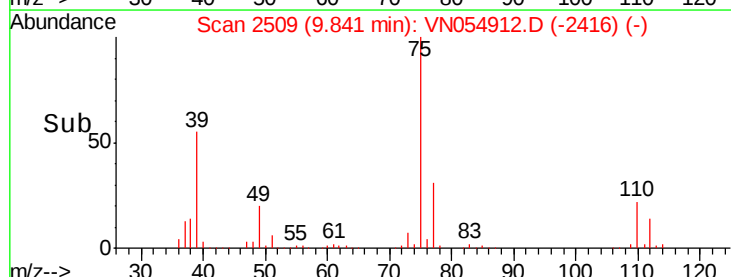
150000

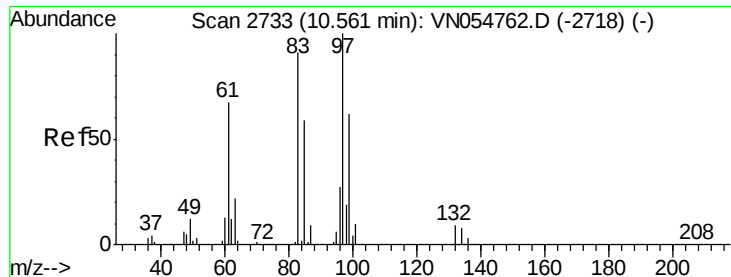
100000

50000

0

Time-->

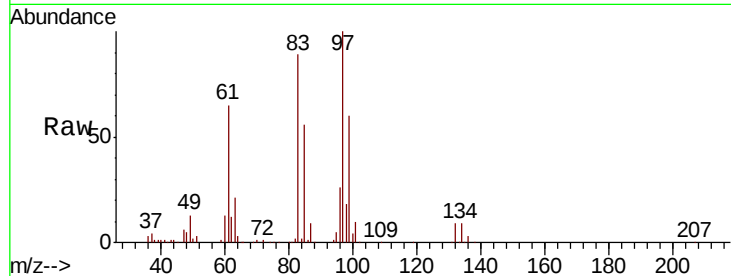




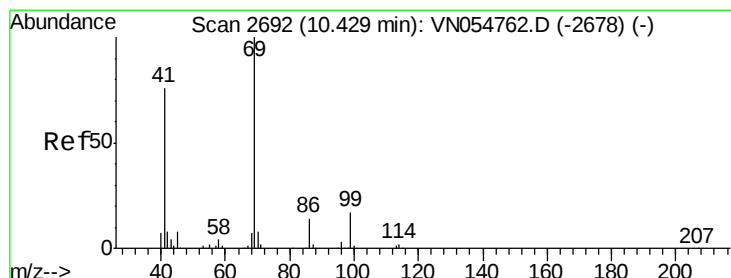
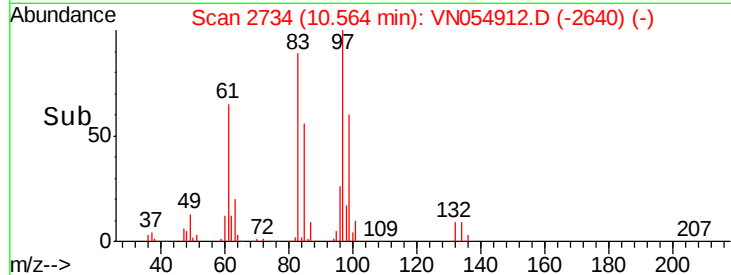
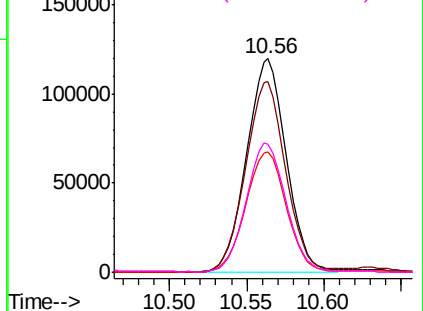
#55
 1,1,2-Trichloroethane
 Concen: 52.831 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	213301
Ion	Ratio	Lower	Upper
97	100		
83	89.5	66.6	100.0
85	56.4	44.4	66.6
99	59.8	50.8	76.2

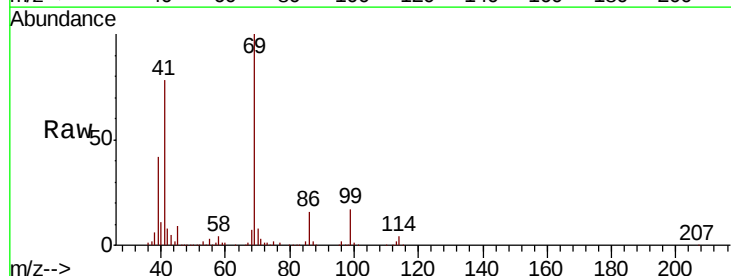


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

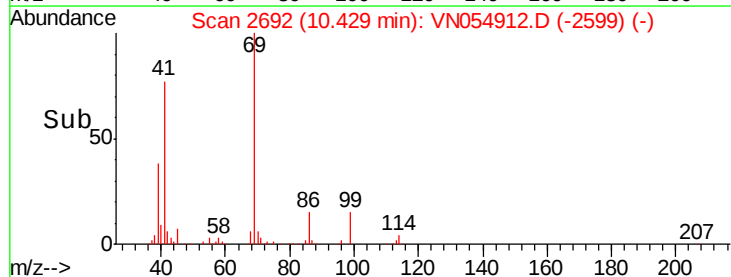
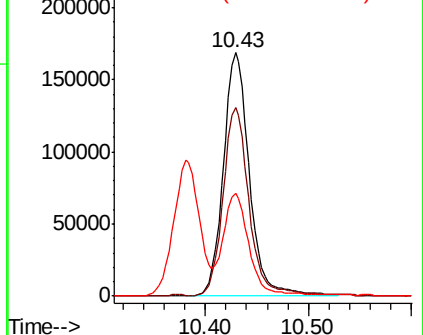


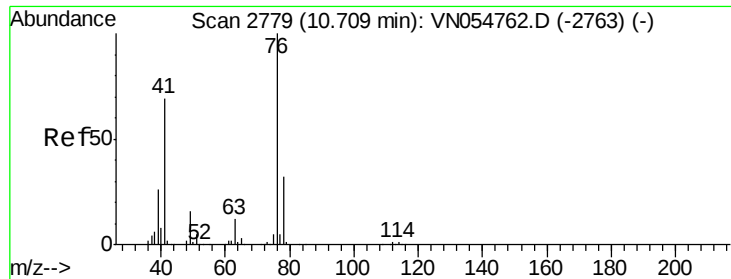
#56
 Ethyl methacrylate
 Concen: 56.271 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion:	69	Resp:	298025
Ion	Ratio	Lower	Upper
69	100		
41	76.1	49.4	74.2#
39	41.6	28.3	42.5



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





#57

1,3-Dichloropropane

Concen: 54.424 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

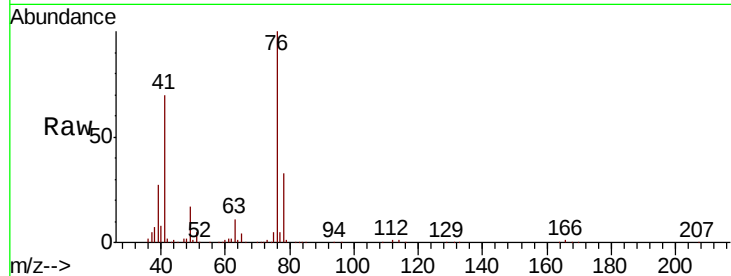
ClientSampled :

Tot Ion: 76 Resp: 377767

Ion Ratio Lower Upper

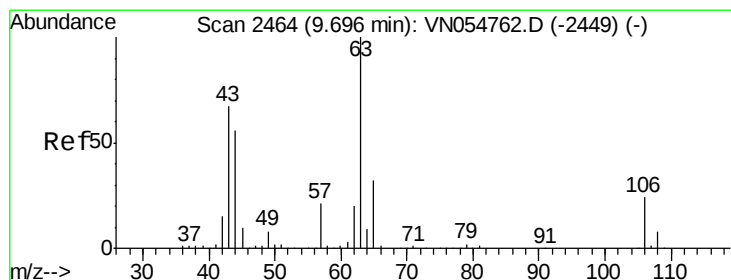
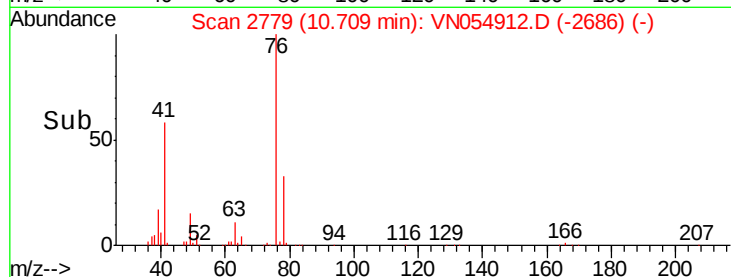
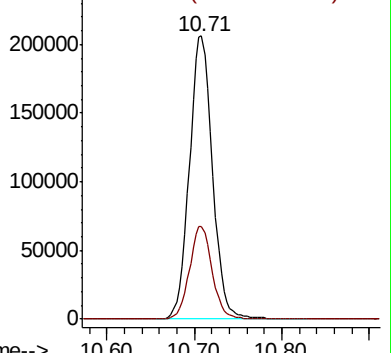
76 100

78 32.2 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: 266.127 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054912.D

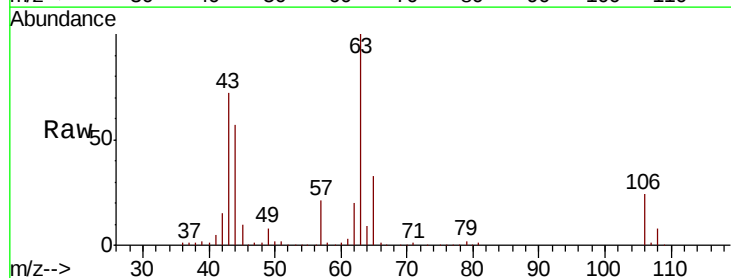
Acq: 2 Apr 2019 19:48

Tgt Ion: 63 Resp: 608736

Ion Ratio Lower Upper

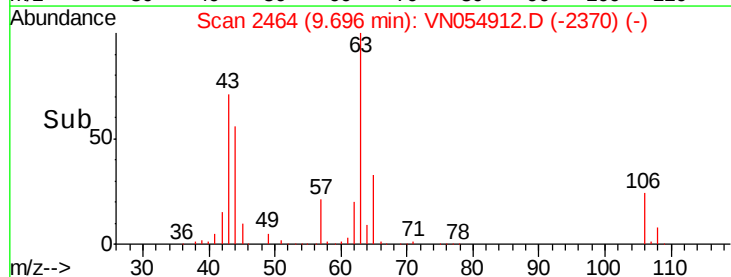
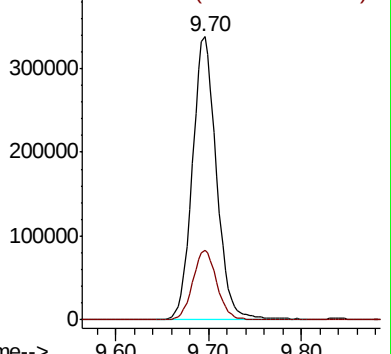
63 100

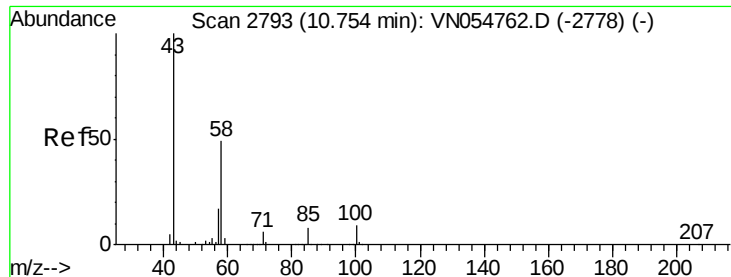
106 24.7 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

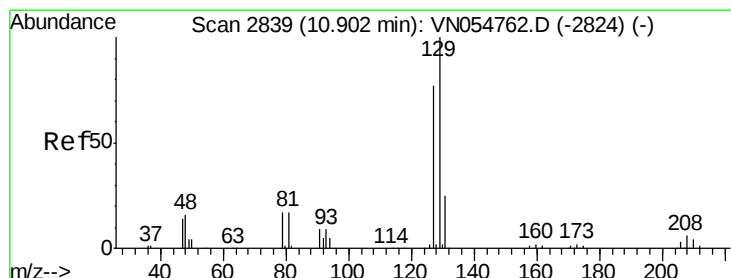
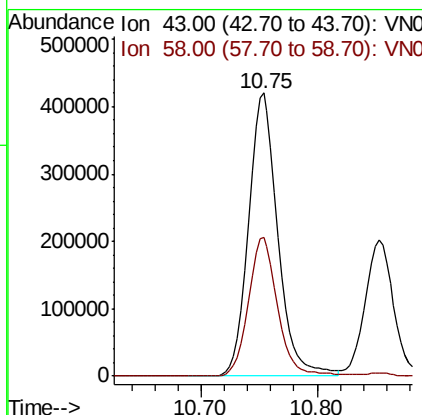
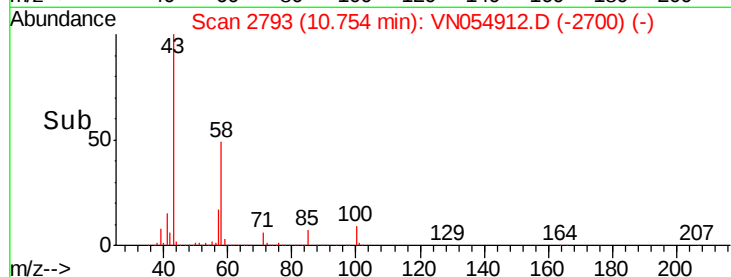
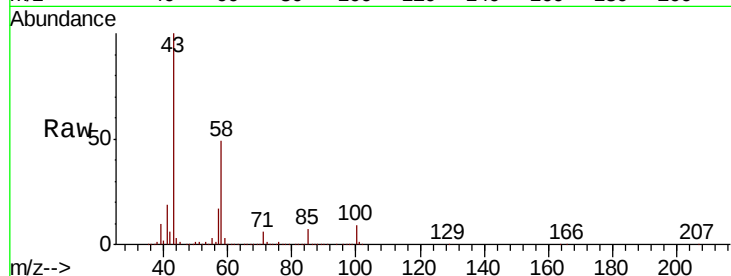




#59
2-Hexanone
Concen: 269.803 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

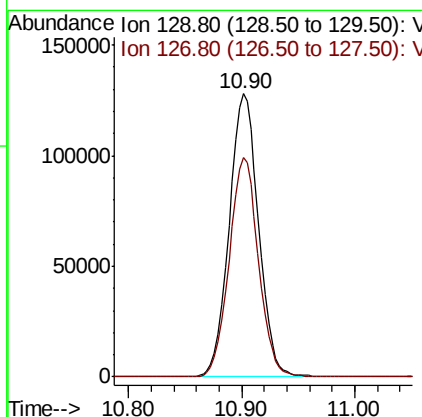
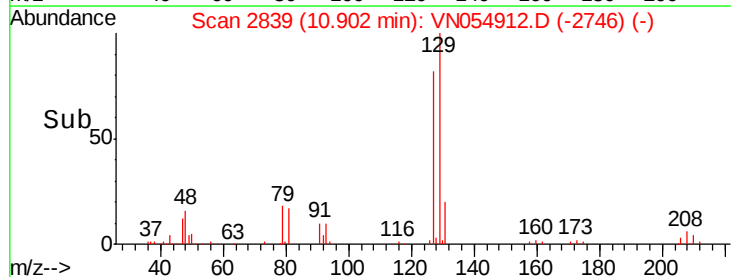
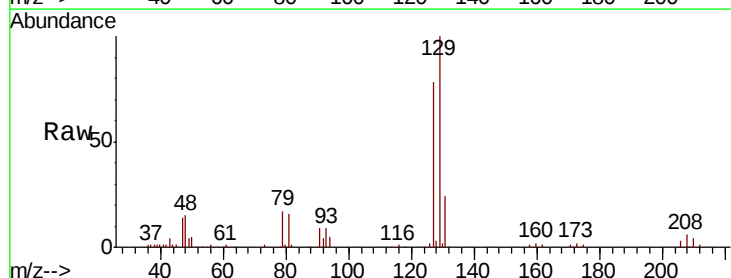
Instrument :
MSVOA_N
ClientSampleId :

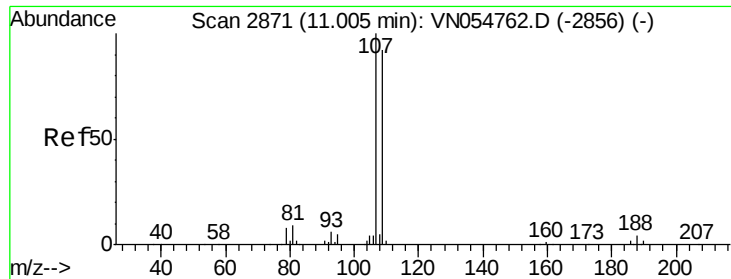
Tot Ion: 43 Resp: 737884
Ion Ratio Lower Upper
43 100
58 49.1 28.0 83.9



#60
Dibromochloromethane
Concen: 56.402 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion: 129 Resp: 230674
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8

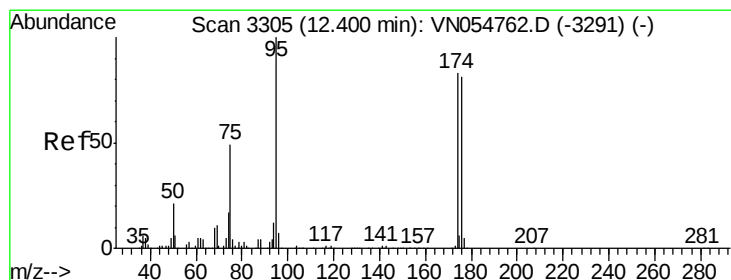
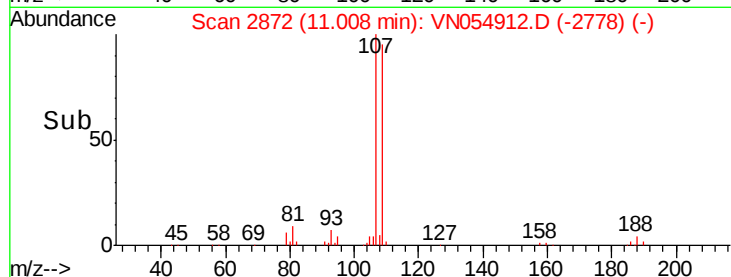
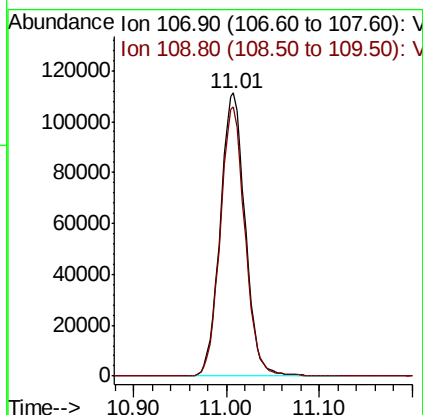
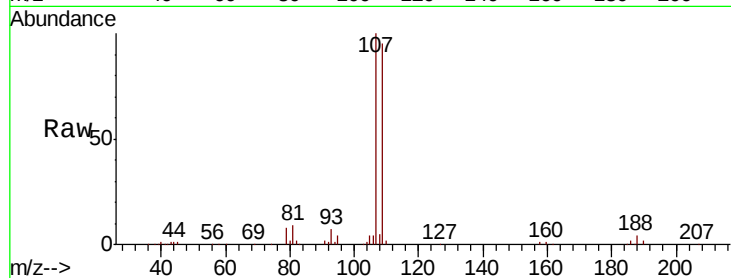




#61
 1,2-Dibromoethane
 Concen: 53.648 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

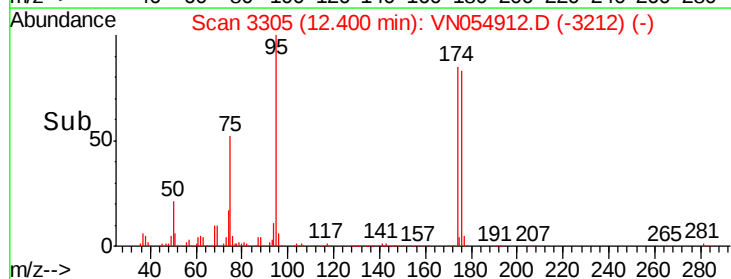
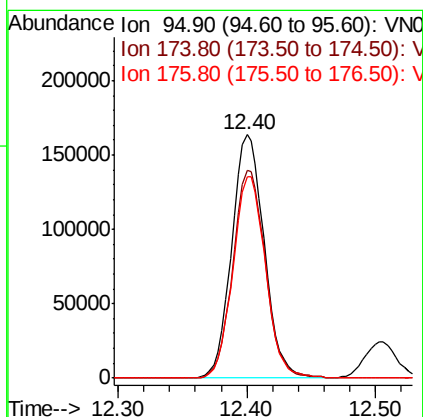
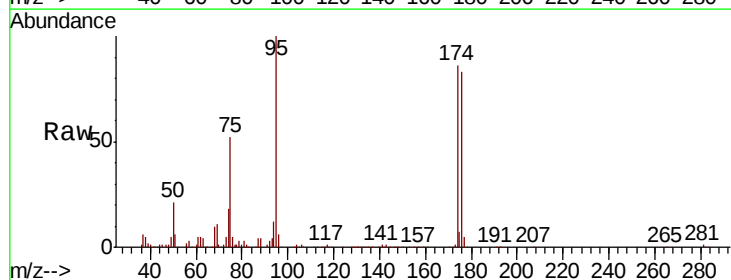
Instrument :
 MSVOA_N
 ClientSampleId :

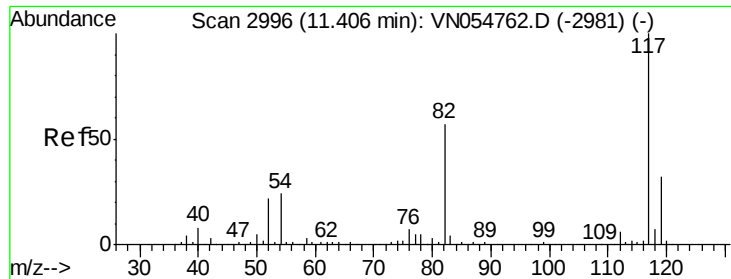
Tot Ion: 107 Resp: 206993
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.846 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion: 95 Resp: 286851
 Ion Ratio Lower Upper
 95 100
 174 85.4 0.0 191.0
 176 83.1 0.0 187.4

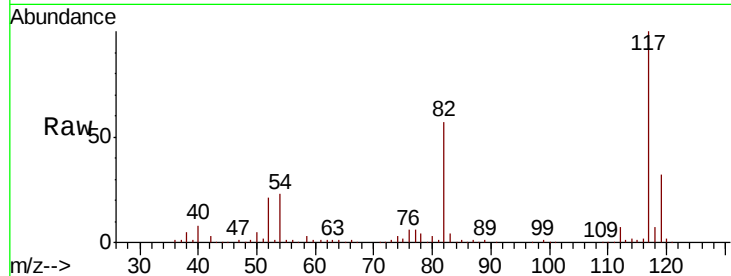




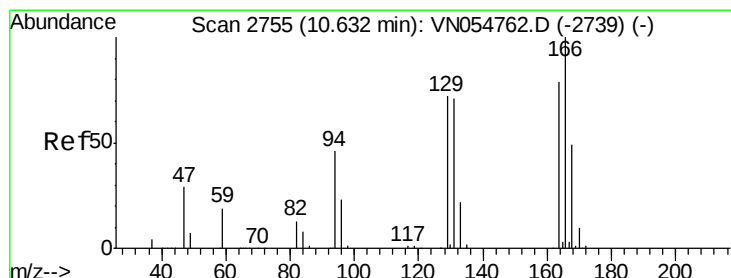
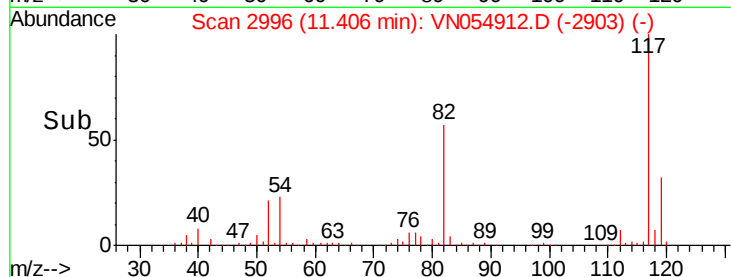
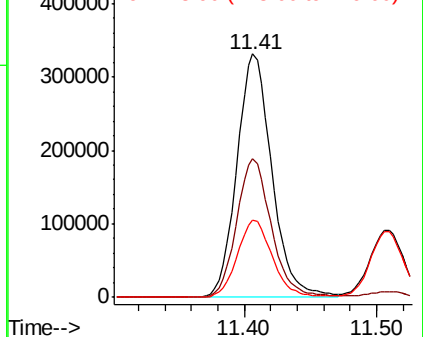
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 608934
Ion Ratio Lower Upper
117 100
82 56.8 40.0 60.0
119 31.6 25.8 38.6

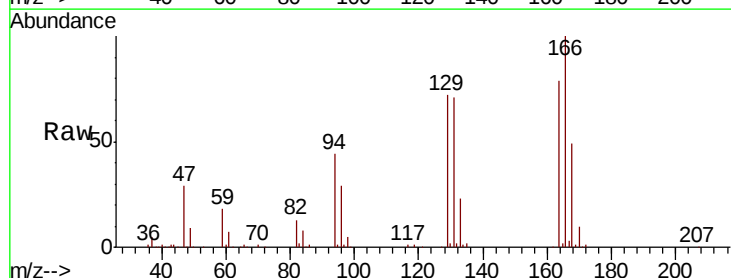


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

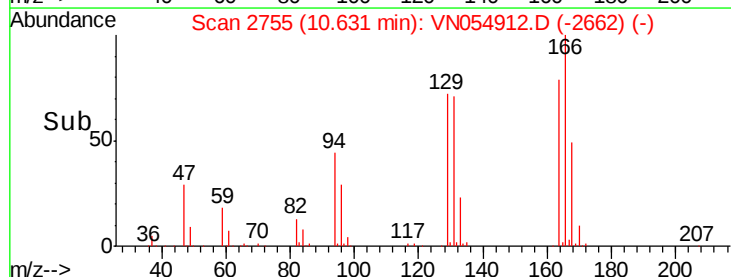
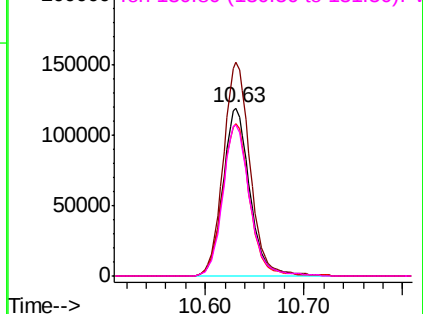


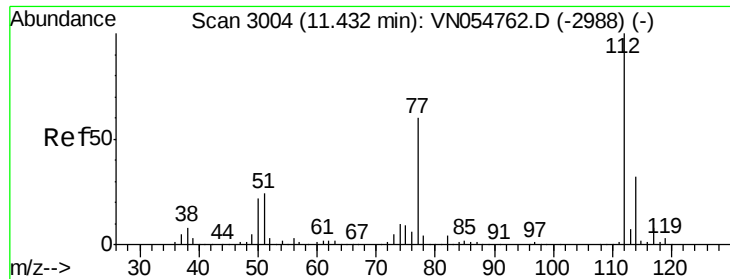
#64
Tetrachloroethene
Concen: 48.647 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion:164 Resp: 227319
Ion Ratio Lower Upper
164 100
166 127.0 103.9 155.9
129 90.8 71.1 106.7
131 90.2 68.2 102.4



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

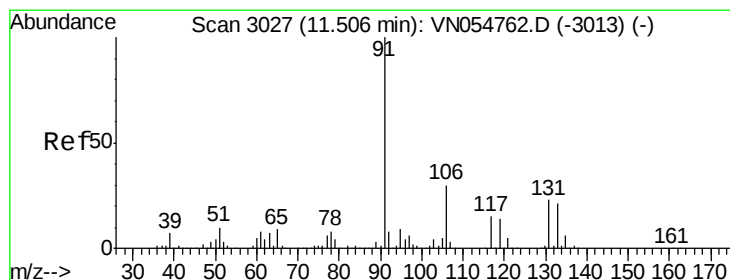
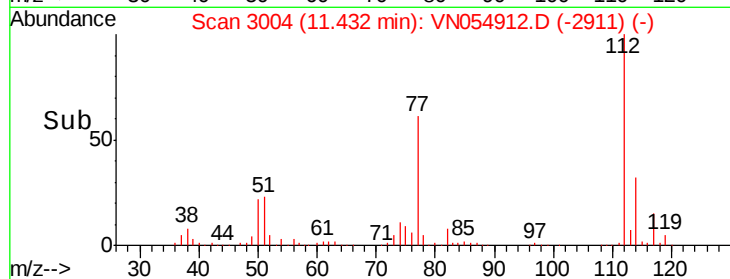
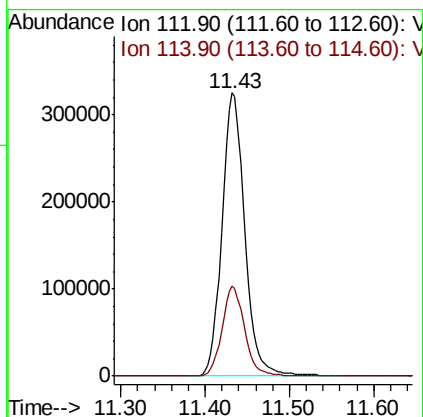
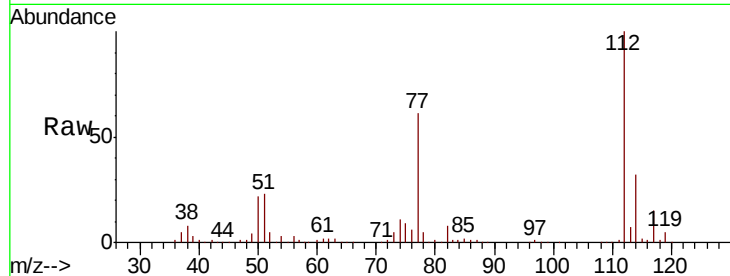




#65
Chlorobenzene
Concen: 51.066 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

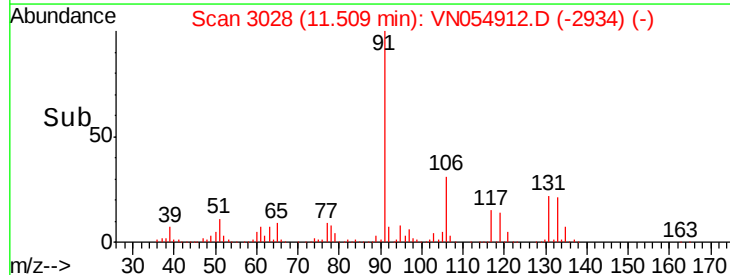
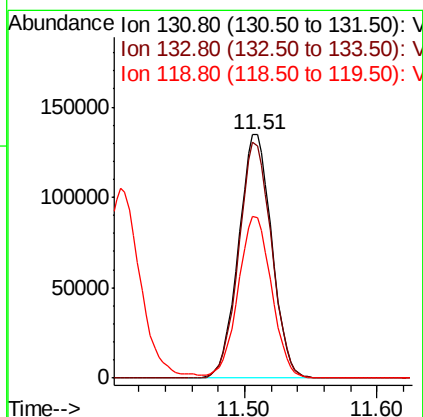
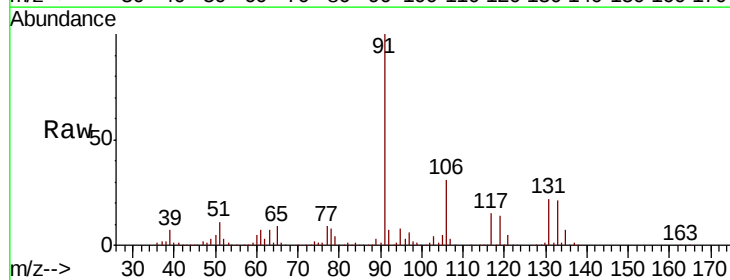
Instrument :
MSVOA_N
ClientSampled :

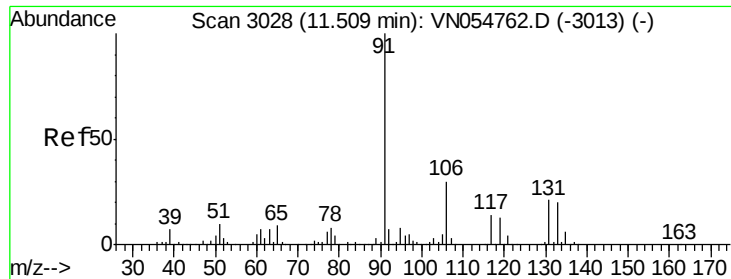
Tot Ion:112 Resp: 608822
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 52.515 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion:131 Resp: 234345
Ion Ratio Lower Upper
131 100
133 95.9 47.6 142.9
119 66.6 32.4 97.0

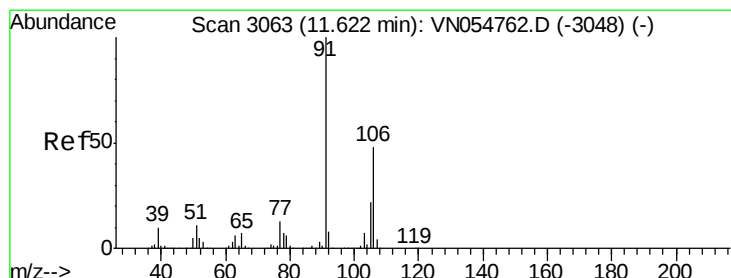
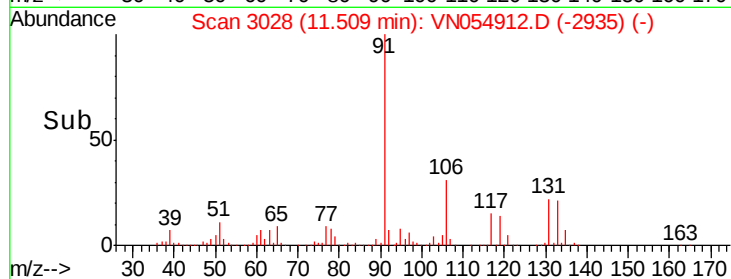
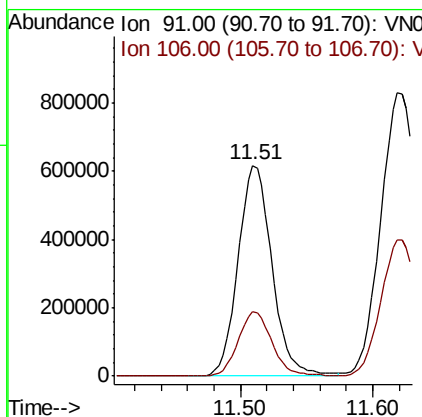
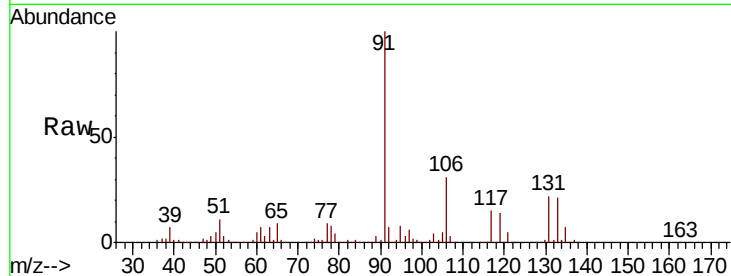




#67
Ethyl Benzene
Concen: 50.973 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

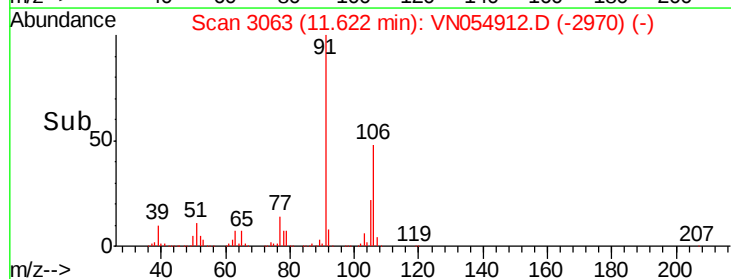
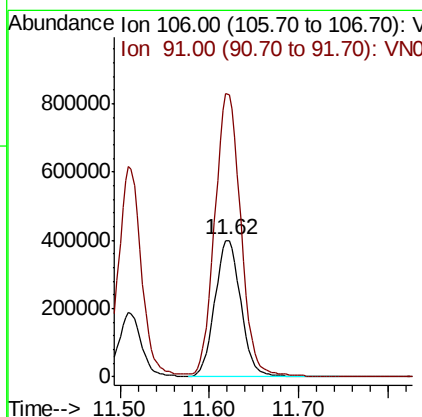
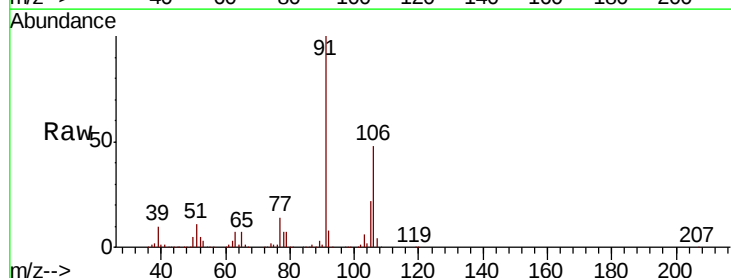
Instrument :
MSVOA_N
ClientSampled :

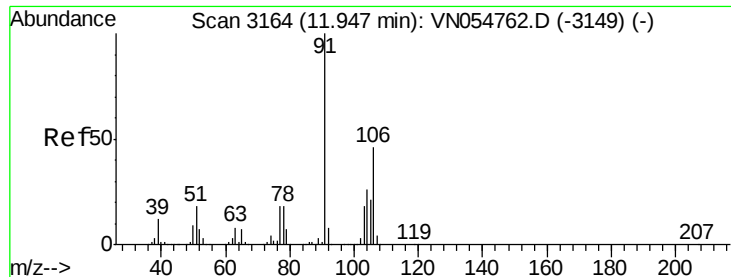
Tot Ion: 91 Resp: 1096648
Ion Ratio Lower Upper
91 100
106 30.6 25.5 38.3



#68
m/p-Xylenes
Concen: 101.666 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion: 106 Resp: 809431
Ion Ratio Lower Upper
106 100
91 208.1 159.4 239.2

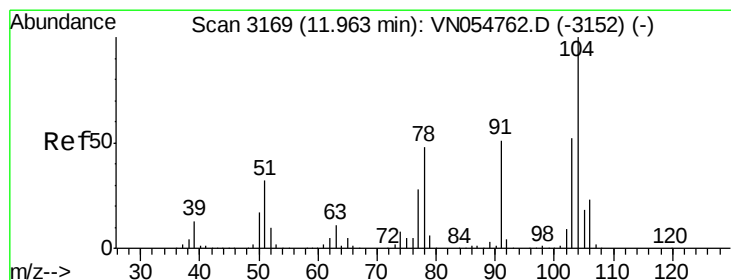
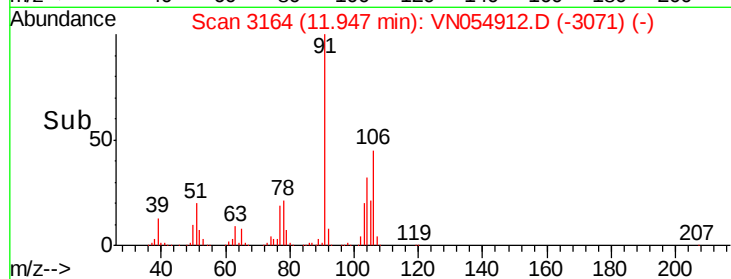
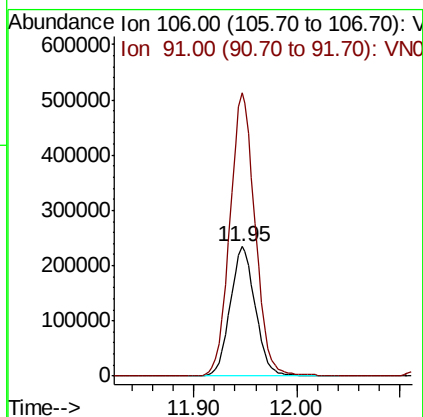
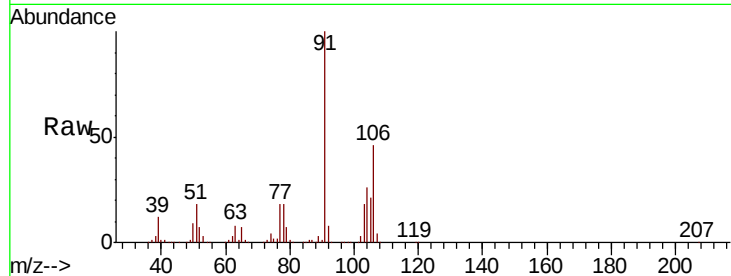




#69
o-Xylene
Concen: 51.129 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

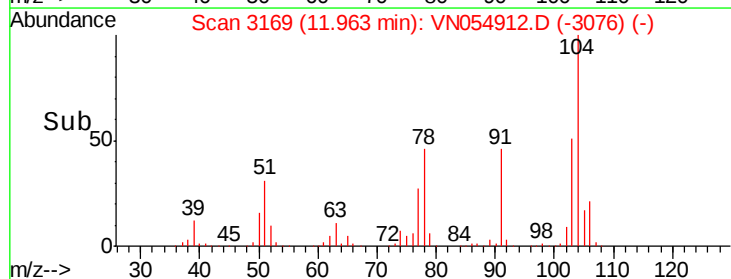
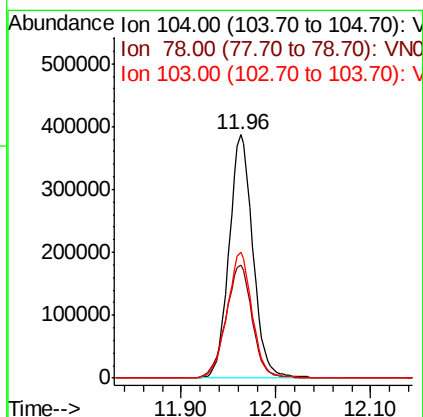
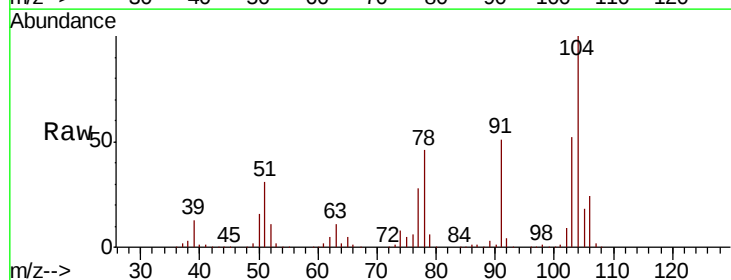
Instrument :
MSVOA_N
ClientSampled :

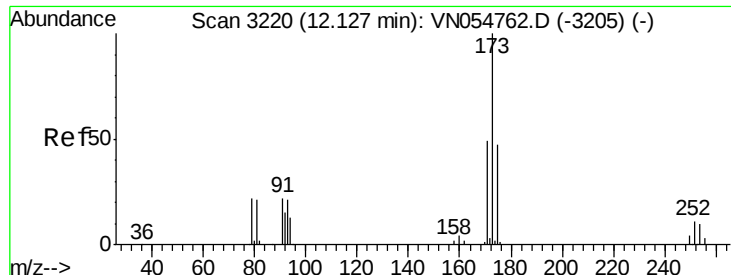
Tot Ion:106 Resp: 399176
Ion Ratio Lower Upper
106 100
91 218.9 105.7 317.1



#70
Styrene
Concen: 54.215 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion:104 Resp: 676768
Ion Ratio Lower Upper
104 100
78 51.4 38.2 57.2
103 54.5 44.4 66.6





#71

Bromoform

Concen: 54.296 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

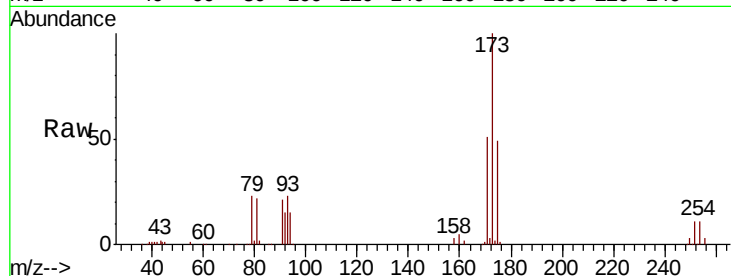
Tot Ion:173 Resp: 141945

Ion Ratio Lower Upper

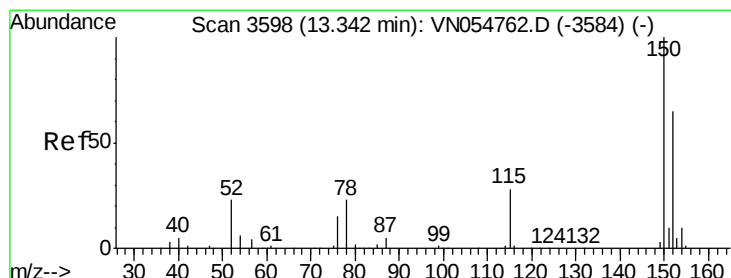
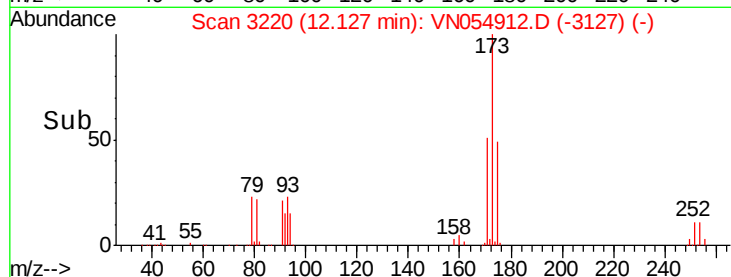
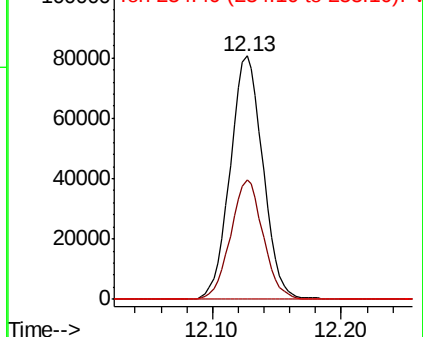
173 100

175 48.6 24.4 73.2

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

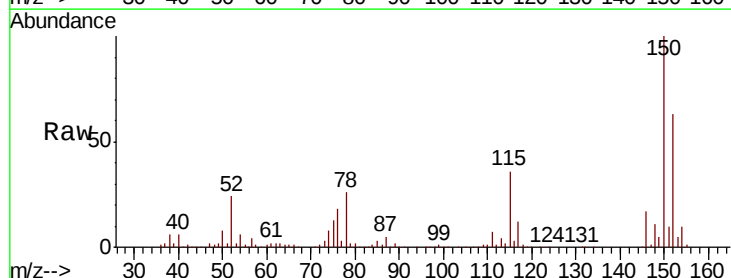
Tgt Ion:152 Resp: 269448

Ion Ratio Lower Upper

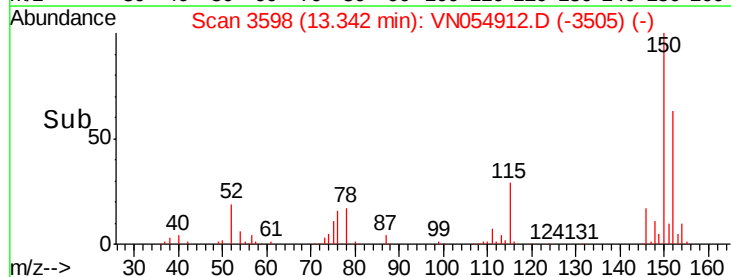
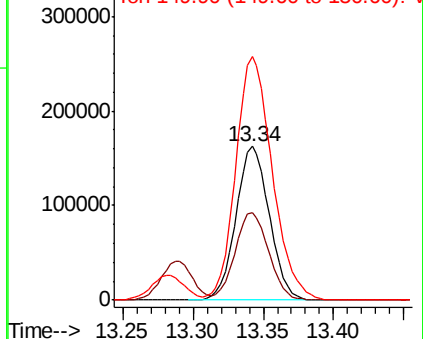
152 100

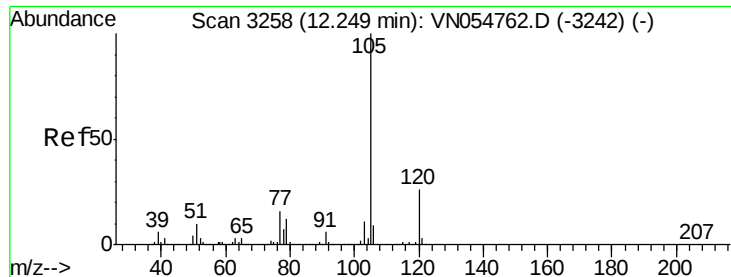
115 57.6 27.2 81.6

150 173.3 0.0 349.2



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





#73

Isopropylbenzene

Concen: 48.131 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

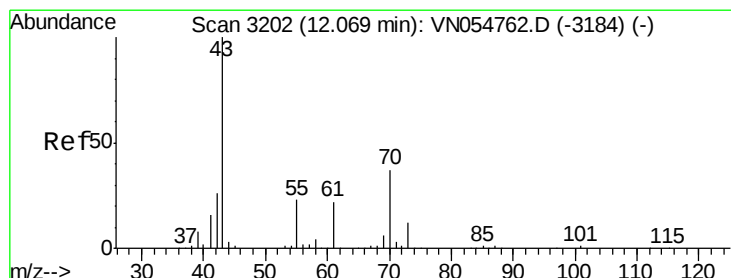
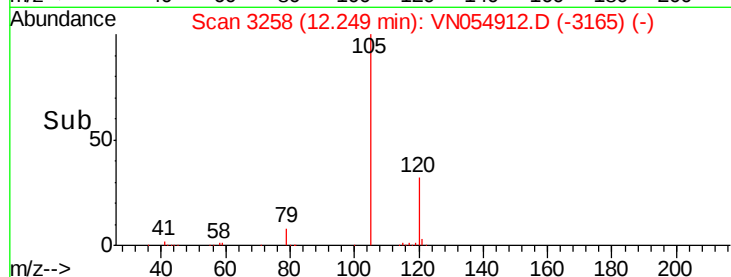
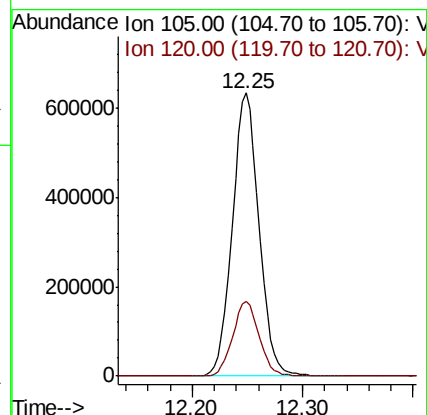
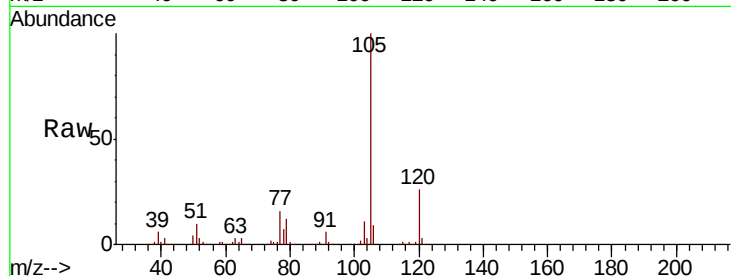
ClientSampleId :

Tot Ion:105 Resp: 1060009

Ion Ratio Lower Upper

105 100

120 26.3 13.8 41.3



#74

N-ethyl acetate

Concen: 50.801 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Tgt Ion: 43 Resp: 348560

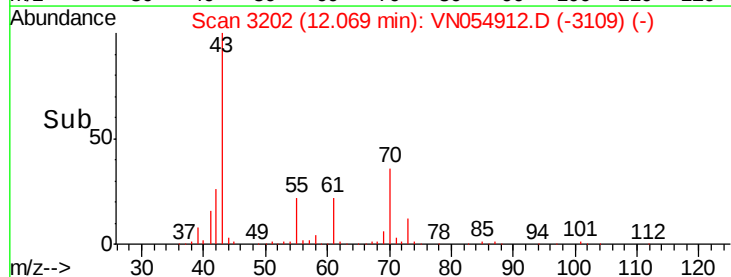
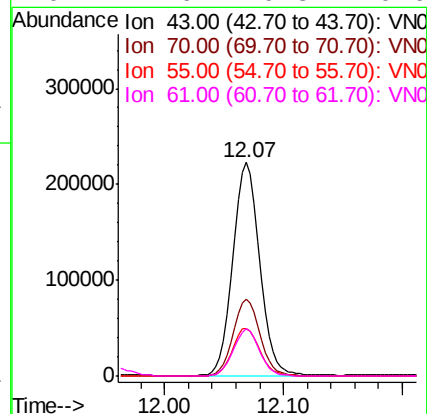
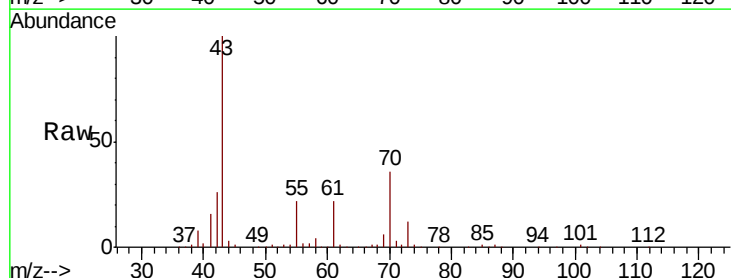
Ion Ratio Lower Upper

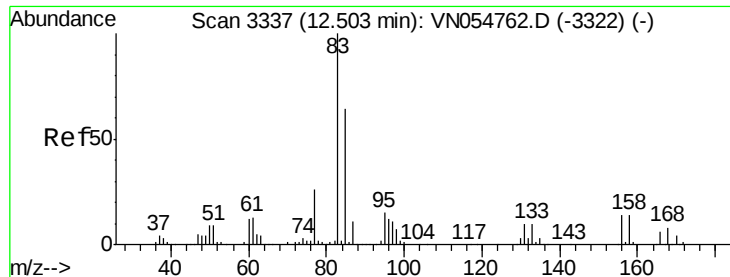
43 100

70 36.1 35.4 53.0

55 22.9 19.8 29.6

61 21.6 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 54.447 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

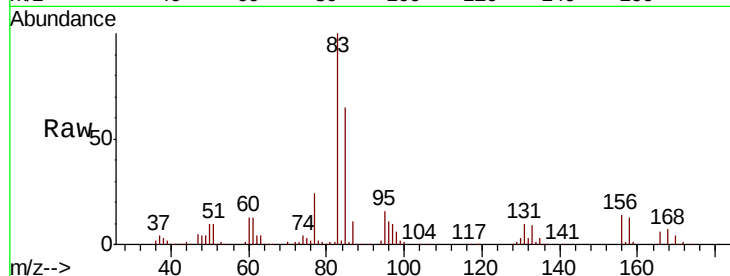
Tot Ion: 83 Resp: 263602

Ion Ratio Lower Upper

83 100

131 10.1 5.8 17.4

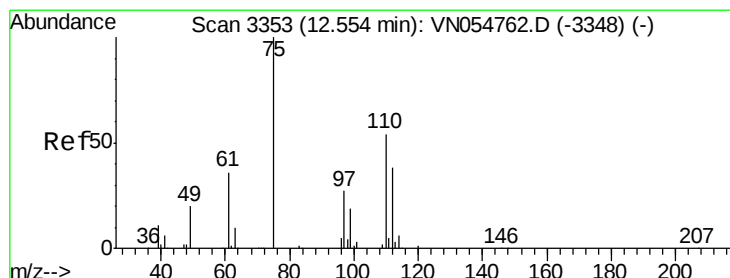
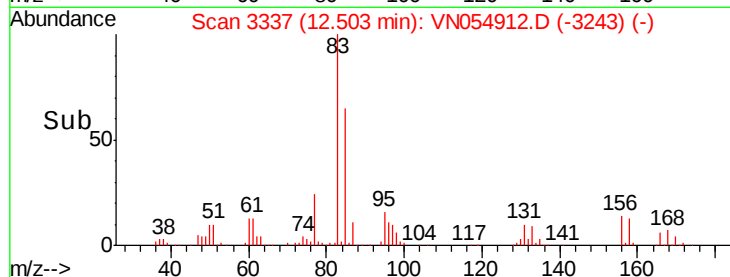
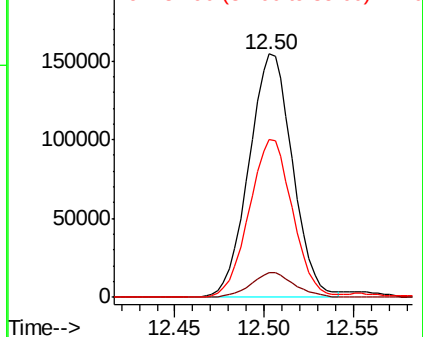
85 64.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VN054912.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN054912.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN054912.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 67.788 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN054912.D

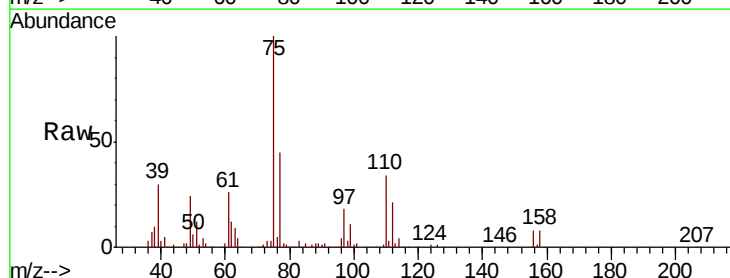
Acq: 2 Apr 2019 19:48

Tgt Ion: 75 Resp: 317313

Ion Ratio Lower Upper

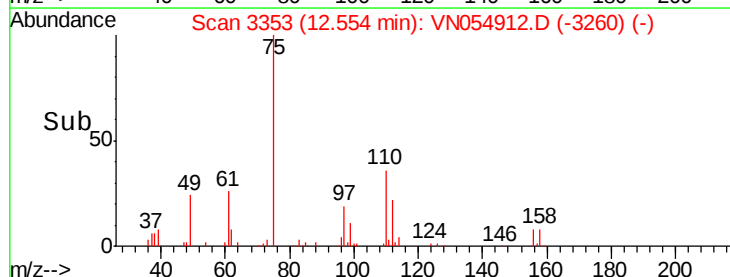
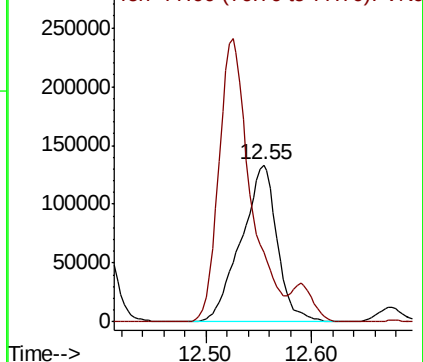
75 100

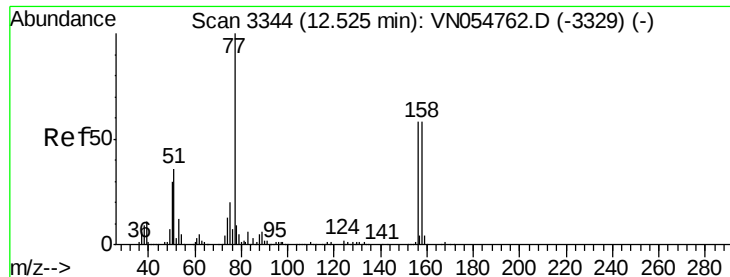
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN054912.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN054912.D (-3260) (-)





#77

Bromobenzene

Concen: 49.276 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

ClientSampleId :

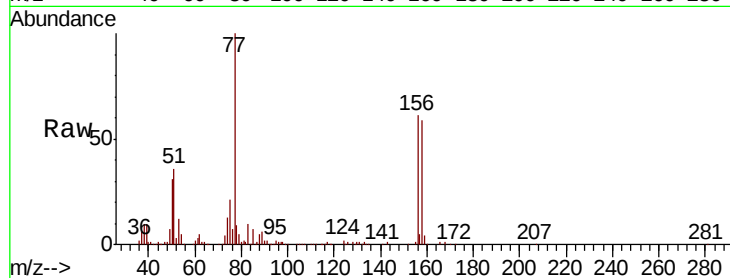
Tot Ion:156 Resp: 261918

Ion Ratio Lower Upper

156 100

77 192.4 81.5 244.4

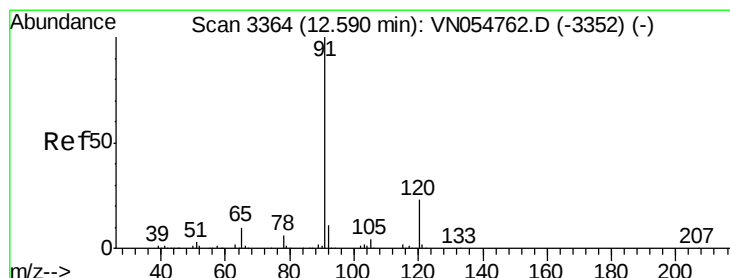
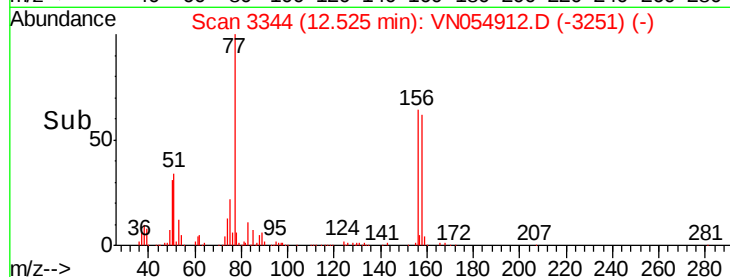
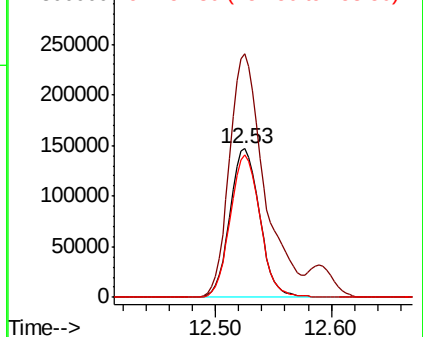
158 96.1 49.0 147.2



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: 48.843 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054912.D

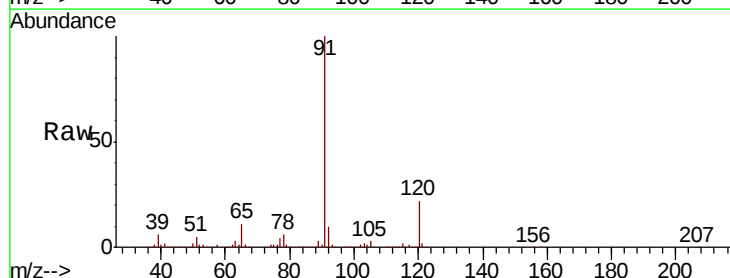
Acq: 2 Apr 2019 19:48

Tgt Ion: 91 Resp: 1182304

Ion Ratio Lower Upper

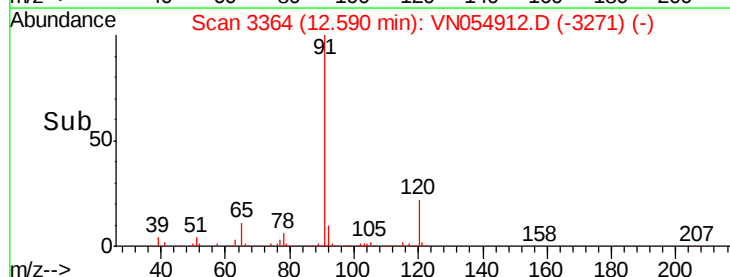
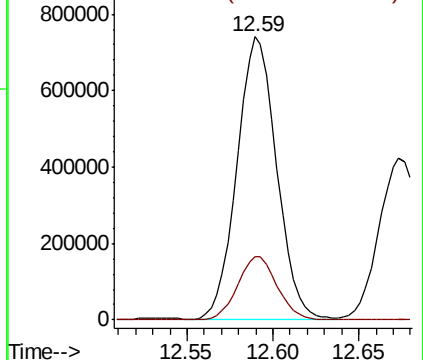
91 100

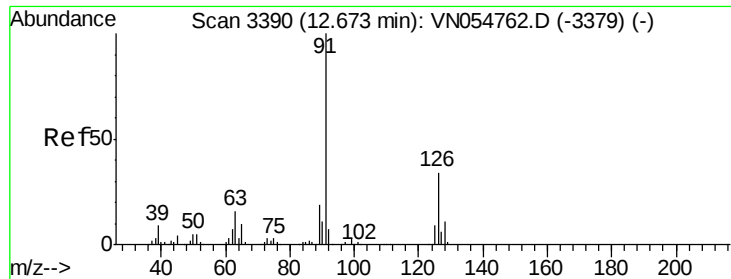
120 22.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.979 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

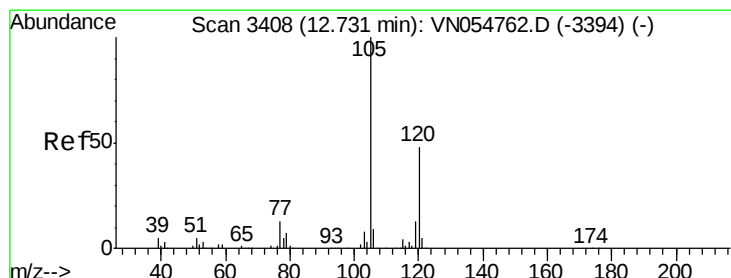
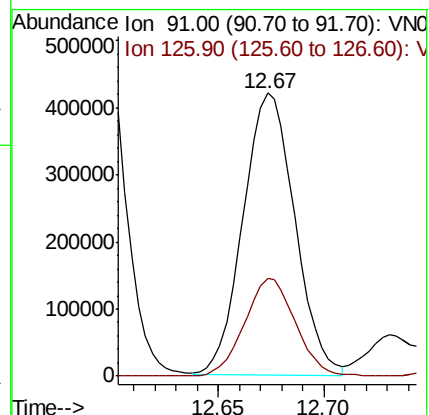
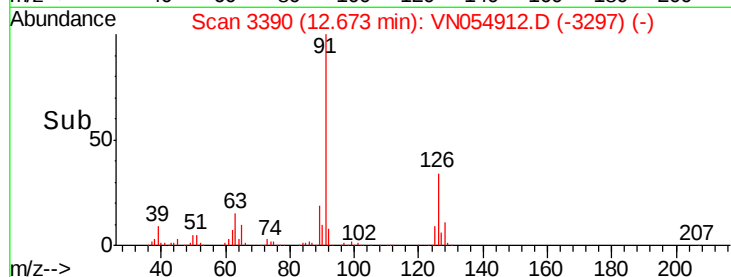
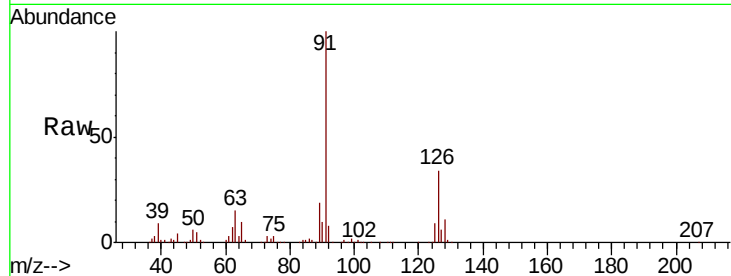
ClientSampled :

Tot Ion: 91 Resp: 718520

Ion Ratio Lower Upper

91 100

126 34.1 18.7 56.1



#80

1,3,5-Trimethylbenzene

Concen: 48.297 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054912.D

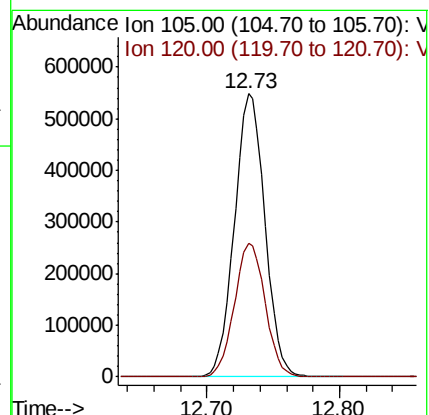
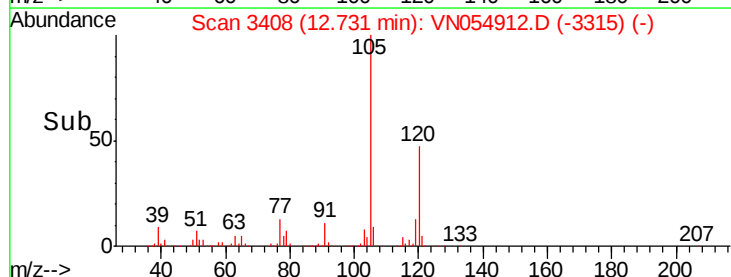
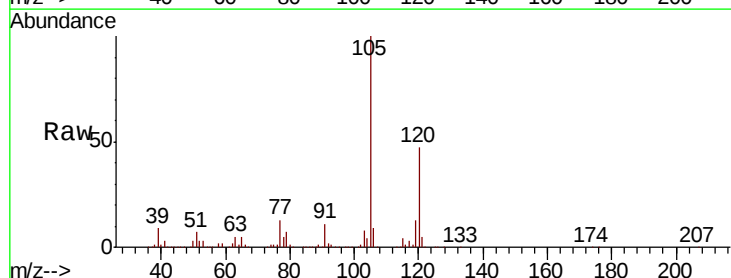
Acq: 2 Apr 2019 19:48

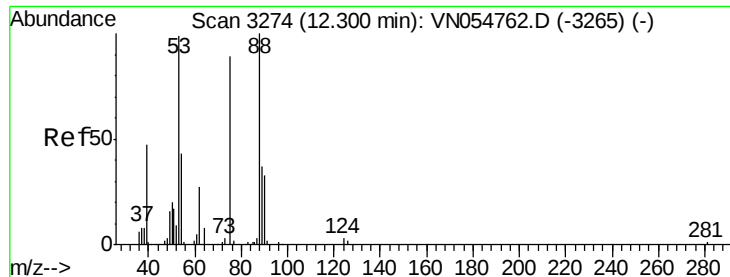
Tgt Ion:105 Resp: 872779

Ion Ratio Lower Upper

105 100

120 47.9 25.0 75.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.280 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

ClientSampled :

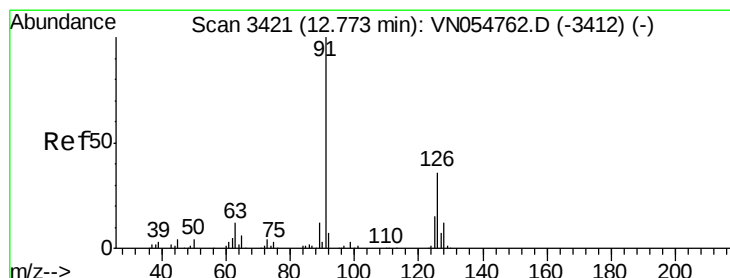
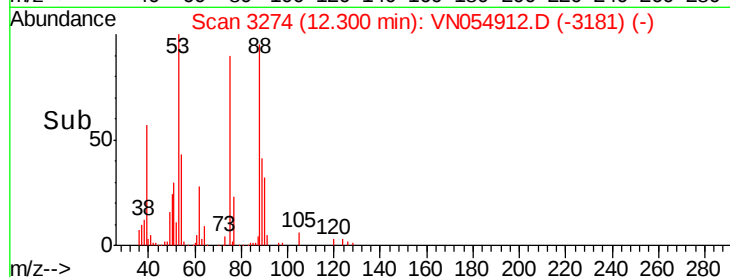
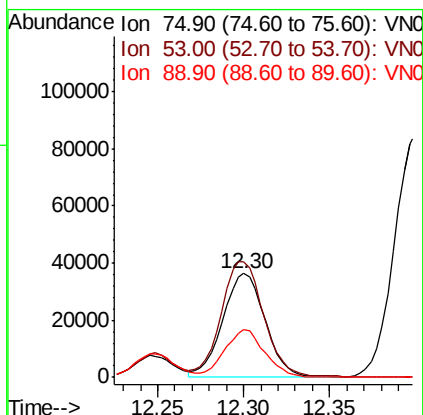
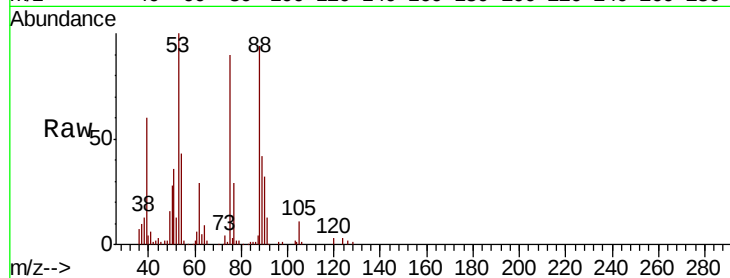
Tot Ion: 75 Resp: 61711

Ion Ratio Lower Upper

75 100

53 114.9 76.2 114.2#

89 43.8 39.2 58.8



#82

4-Chlorotoluene

Concen: 49.130 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN054912.D

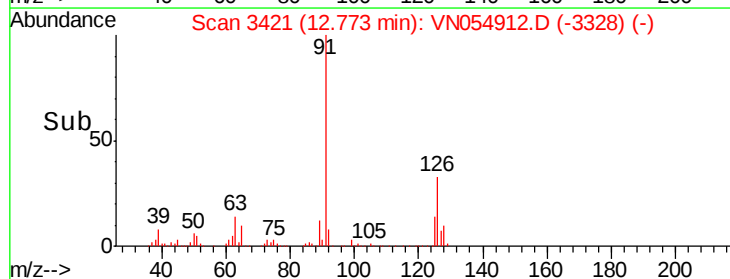
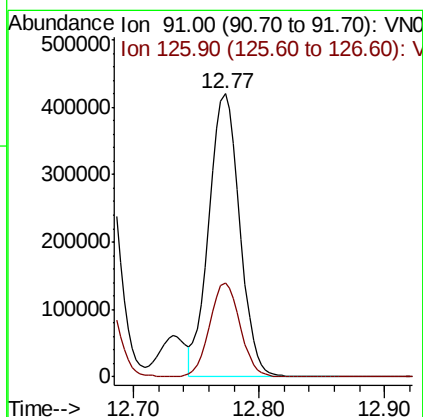
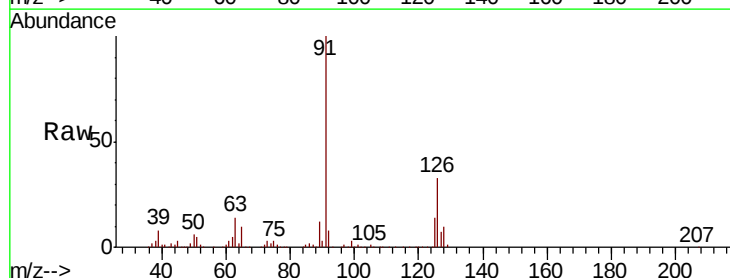
Acq: 2 Apr 2019 19:48

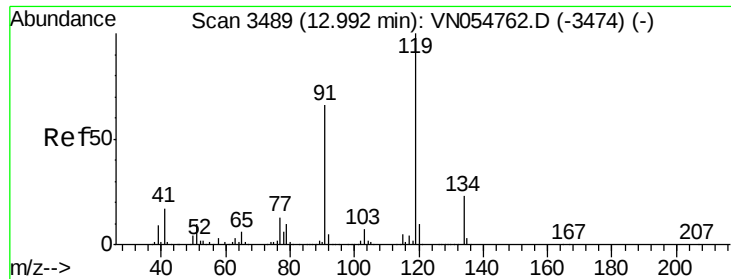
Tgt Ion: 91 Resp: 714636

Ion Ratio Lower Upper

91 100

126 33.0 18.1 54.1

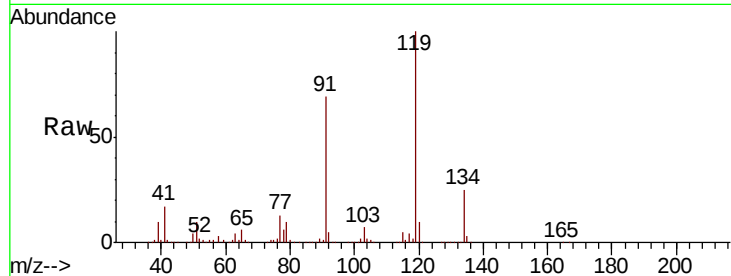




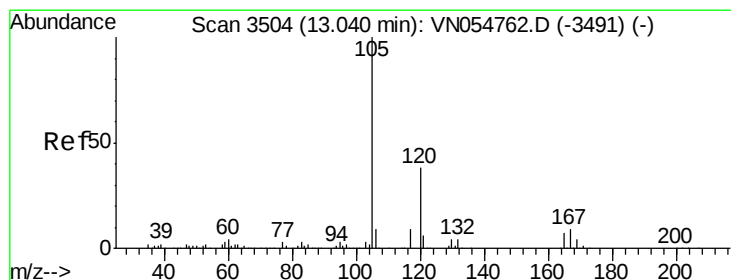
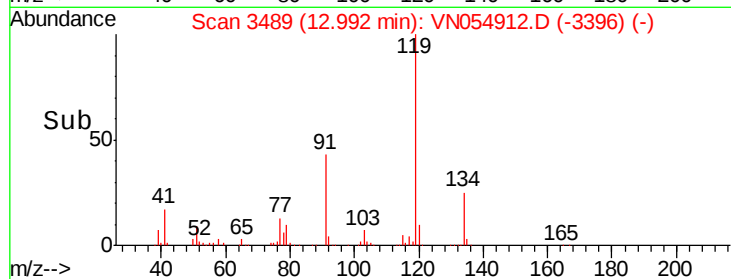
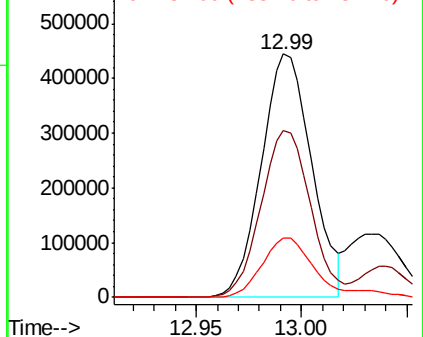
#83
 tert-Butylbenzene
 Concen: 52.952 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:119 Resp: 739694
 Ion Ratio Lower Upper
 119 100
 91 67.2 30.9 92.8
 134 26.6 13.2 39.6

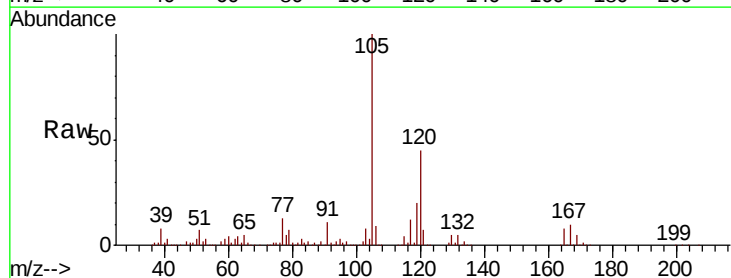


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

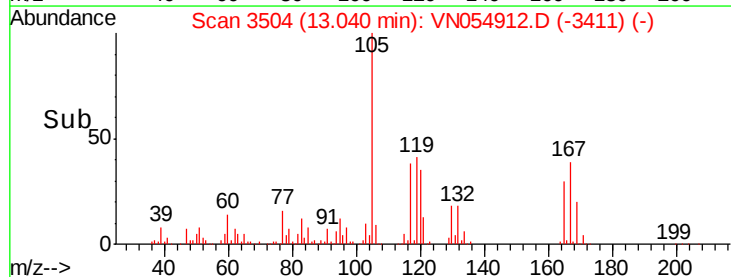
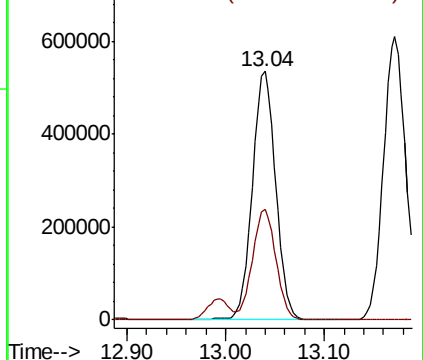


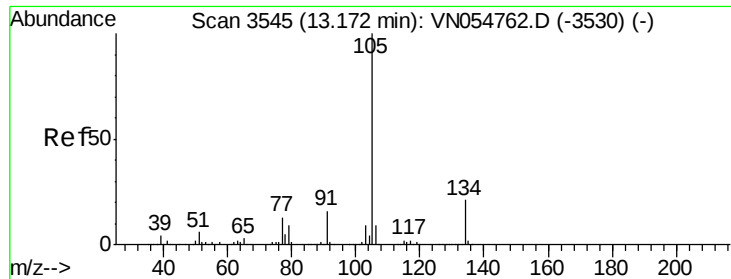
#84
 1,2,4-Trimethylbenzene
 Concen: 50.522 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion:105 Resp: 869809
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.4 70.3



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





#85

sec-Butylbenzene

Concen: 48.884 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Instrument :

MSVOA_N

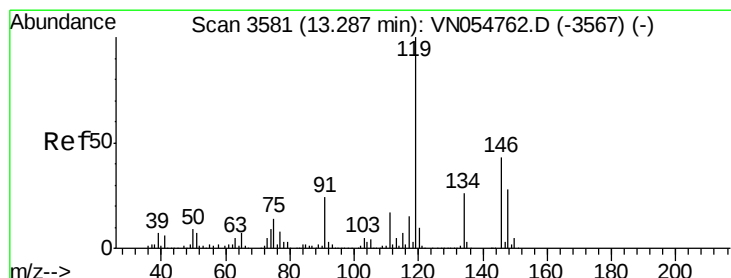
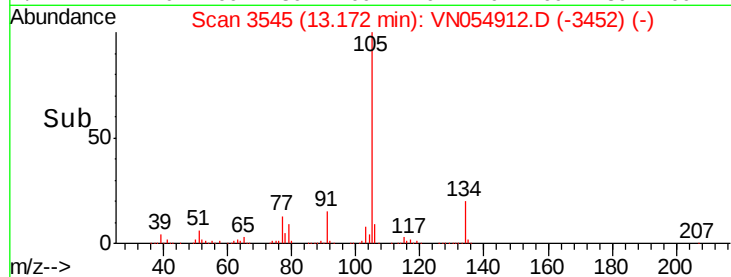
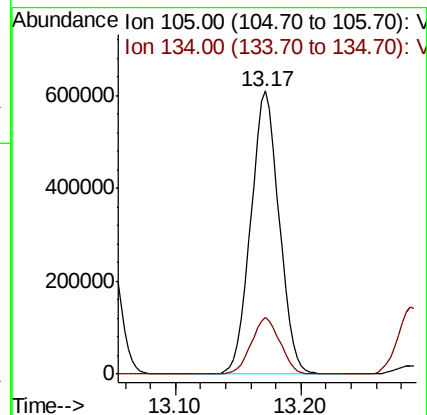
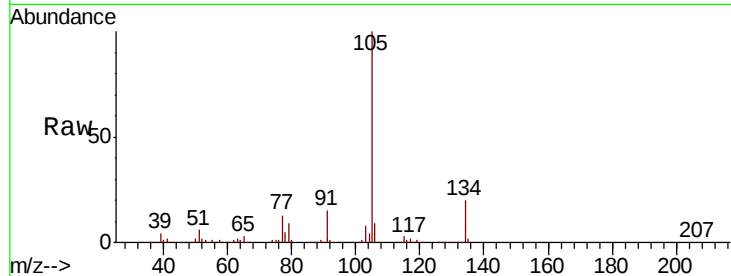
ClientSampled :

Tot Ion:105 Resp: 959622

Ion Ratio Lower Upper

105 100

134 20.1 10.7 32.1



#86

p-Isopropyltoluene

Concen: 49.067 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

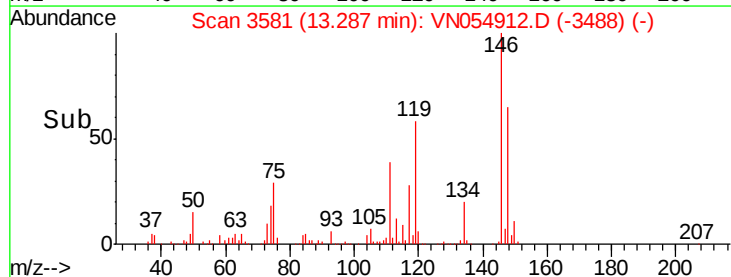
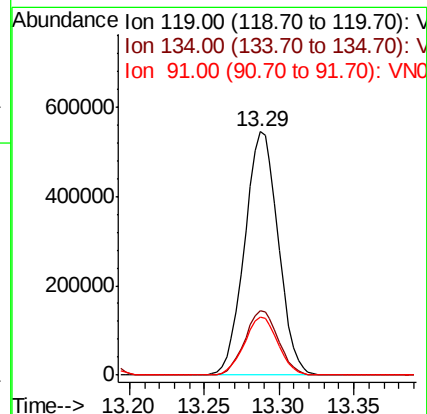
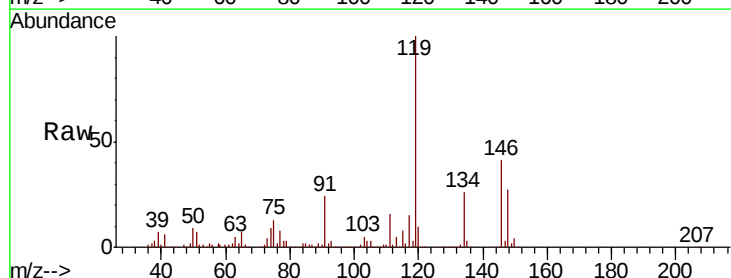
Tgt Ion:119 Resp: 849565

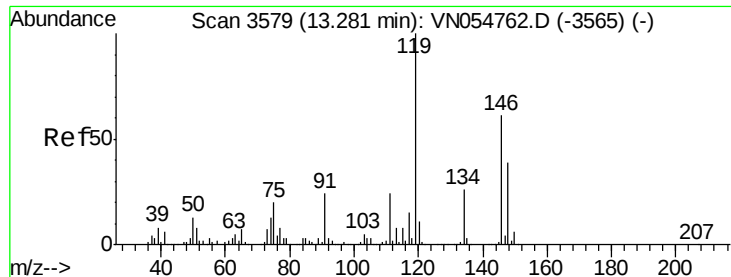
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 24.2 11.1 33.3

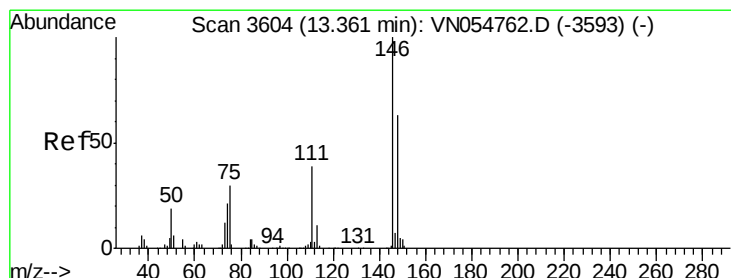
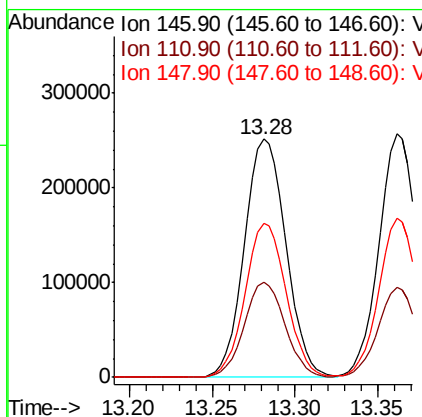
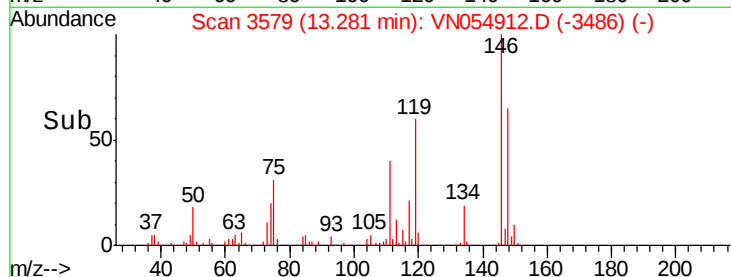
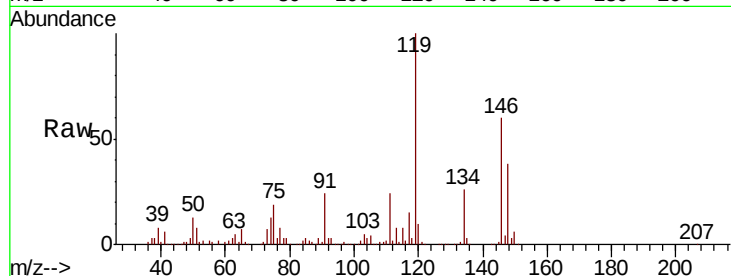




#87
 1,3-Dichlorobenzene
 Concen: 49.419 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

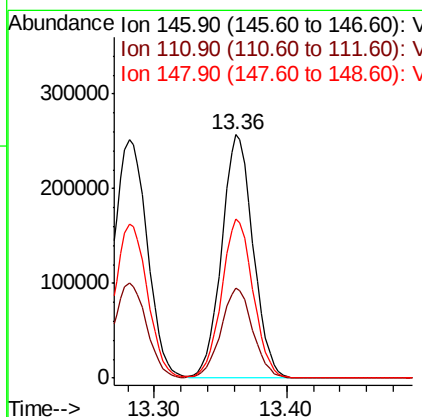
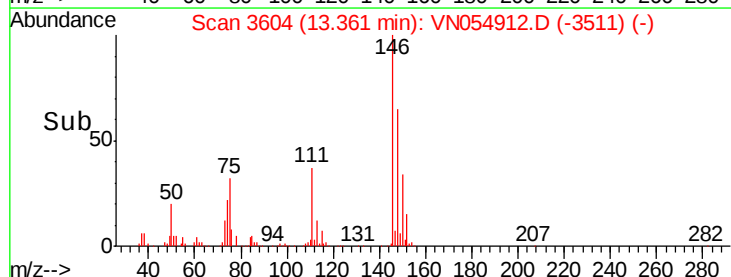
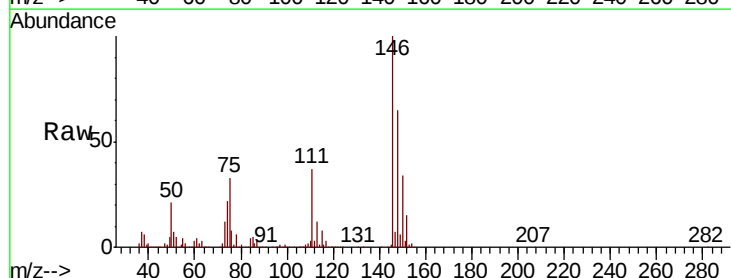
Instrument :
 MSVOA_N
 ClientSampleId :

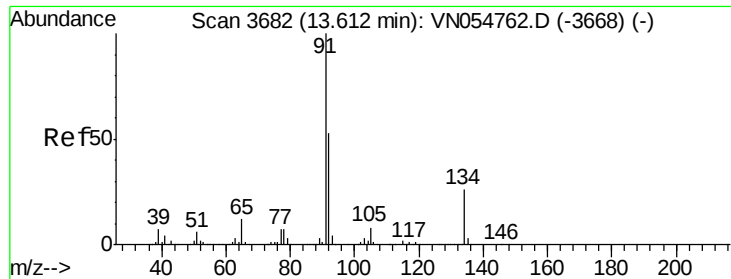
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	18.8	56.3
148	63.7	32.2	96.6



#88
 1,4-Dichlorobenzene
 Concen: 48.360 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.1	54.1
148	65.6	32.0	96.0

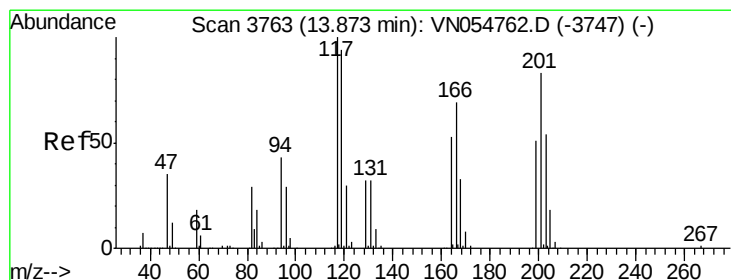
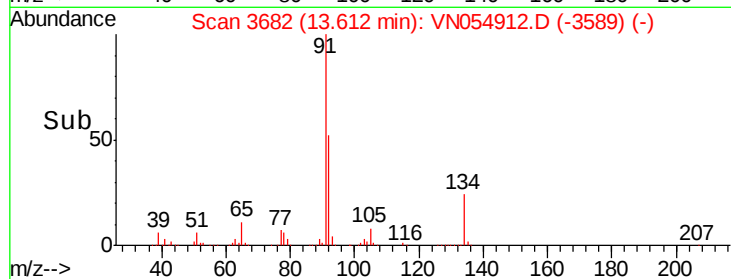
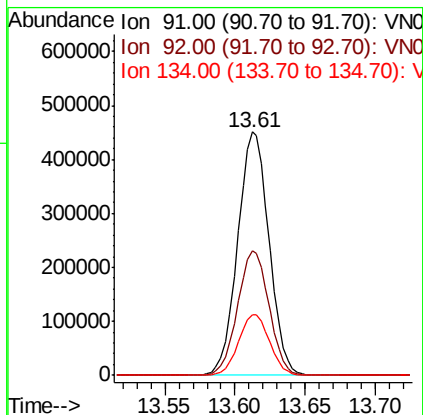
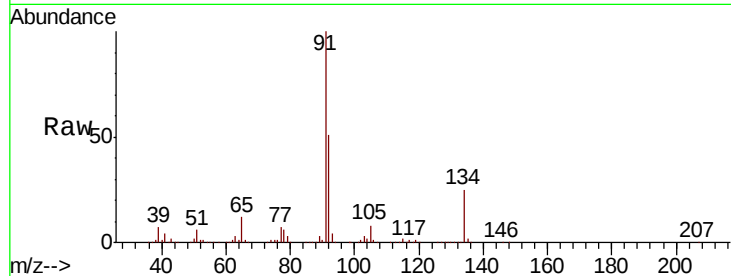




#89
n-Butylbenzene
Concen: 49.589 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

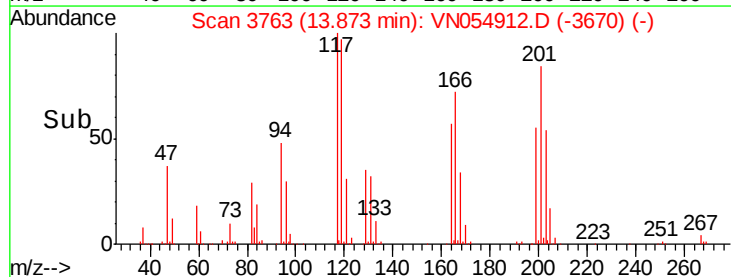
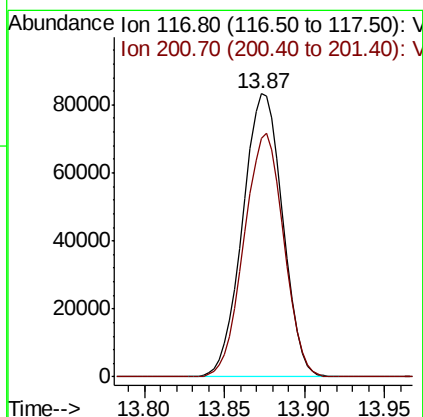
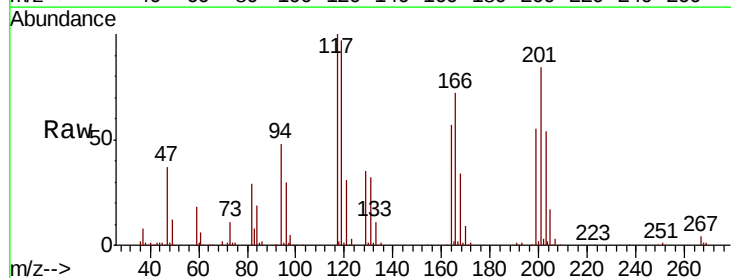
Instrument :
MSVOA_N
ClientSampleId :

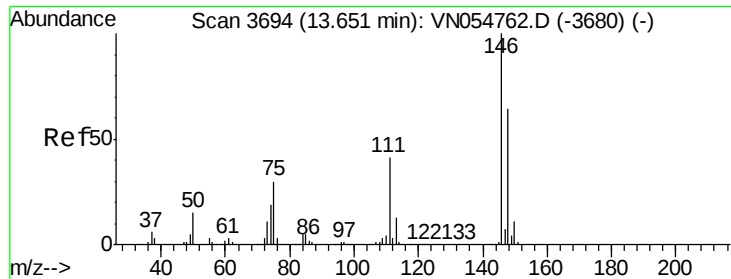
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	26.2	78.6
134	25.0	14.3	42.9



#90
Hexachloroethane
Concen: 48.323 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN054912.D
Acq: 2 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.5	48.1	144.4

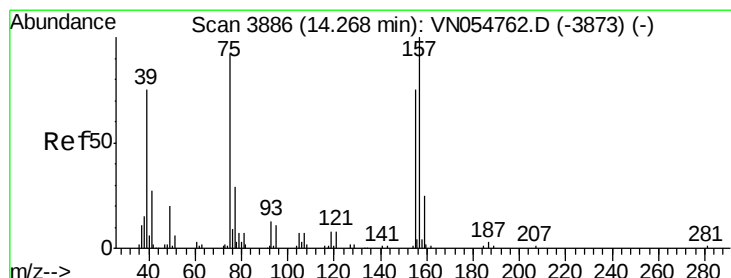
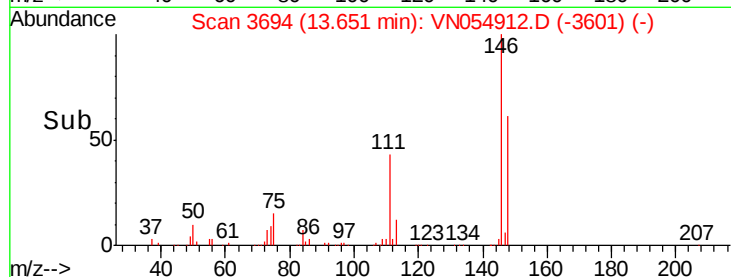
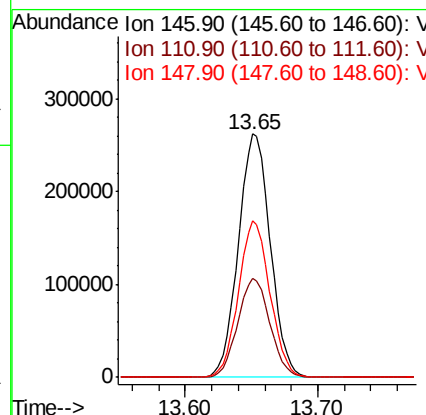
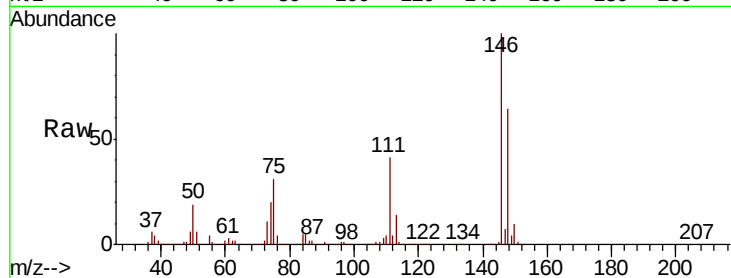




#91
 1,2-Dichlorobenzene
 Concen: 48.692 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

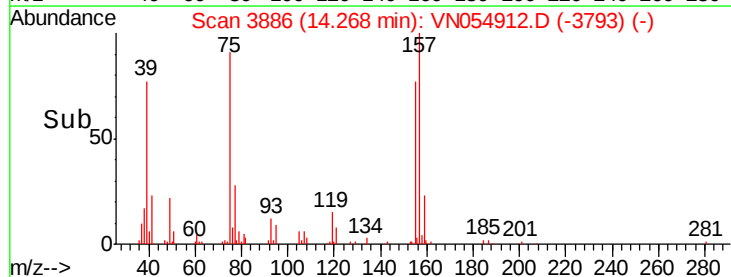
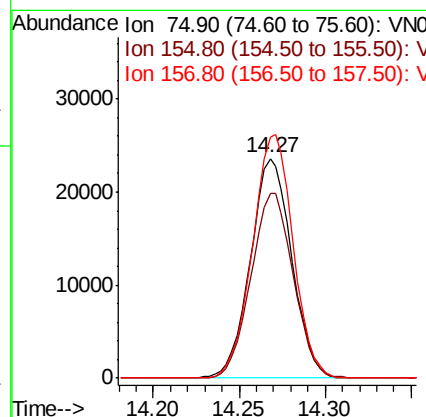
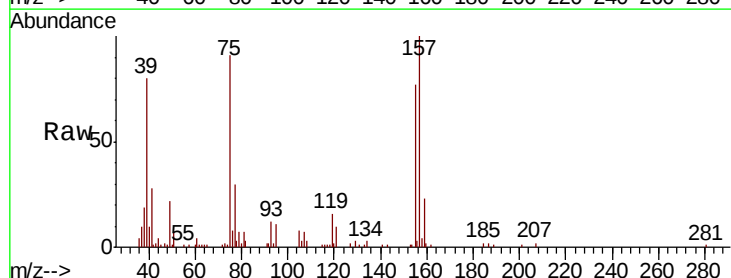
Instrument :
 MSVOA_N
 ClientSampleId :

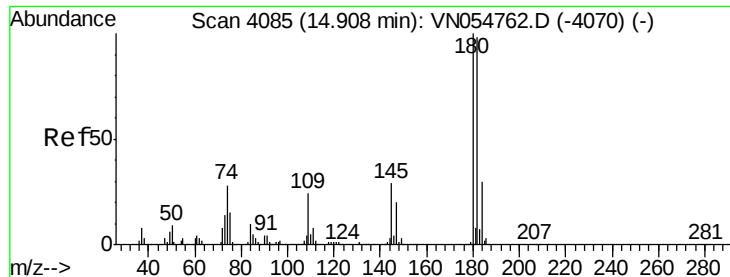
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.1	57.3
148	63.6	32.4	97.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.076 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.2	50.1	150.3
157	108.9	63.1	189.3

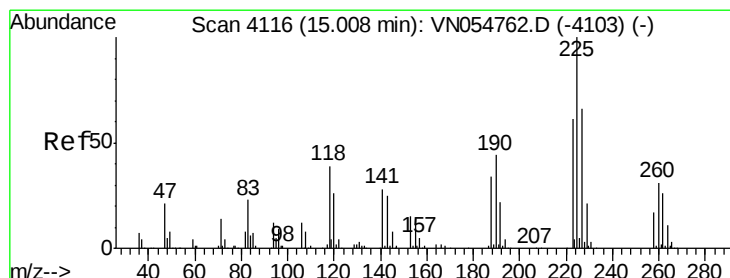
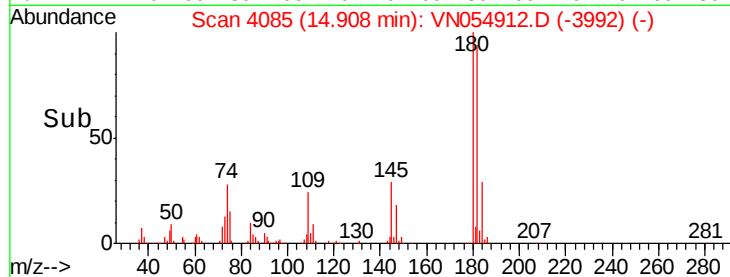
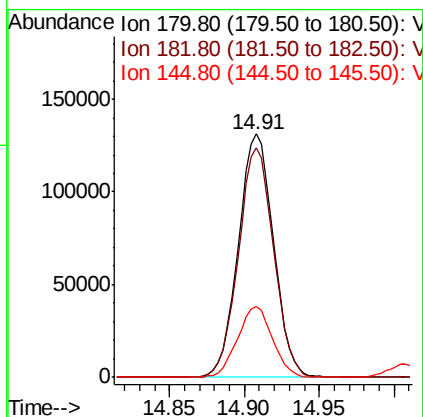
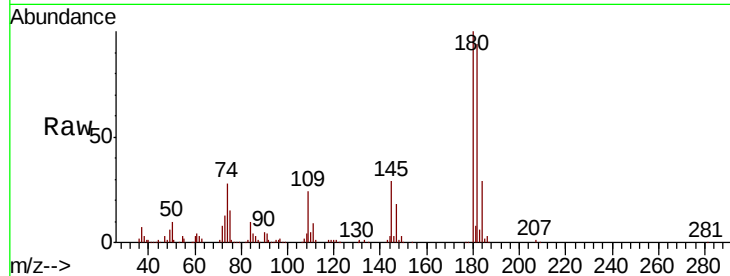




#93
 1,2,4-Trichlorobenzene
 Concen: 49.583 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

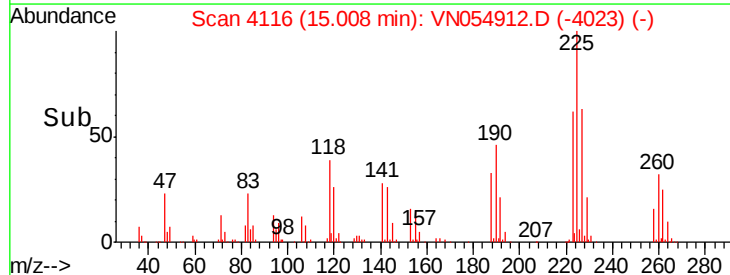
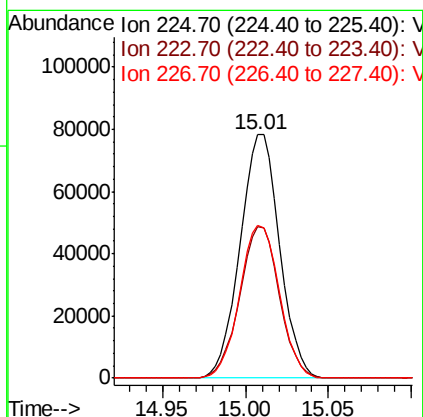
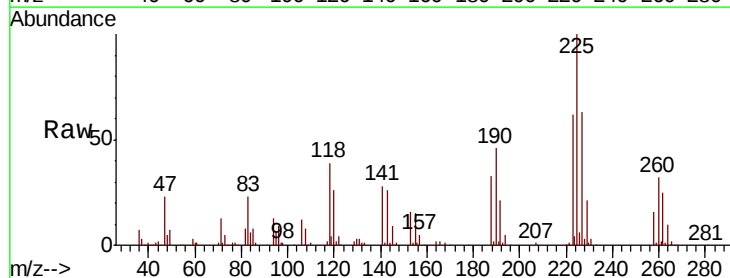
Instrument :
 MSVOA_N
 ClientSampleId :

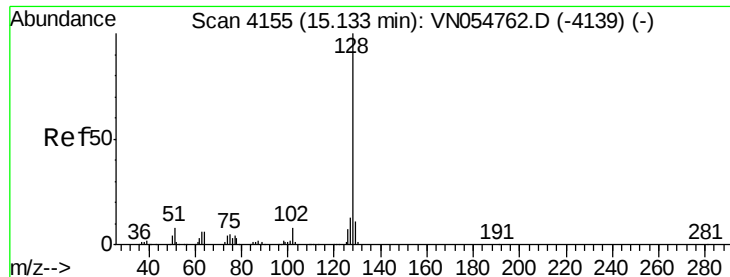
Tot Ion:180 Resp: 214690
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.0 144.2
 145 29.0 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 50.574 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN054912.D
 Acq: 2 Apr 2019 19:48

Tgt Ion:225 Resp: 129625
 Ion Ratio Lower Upper
 225 100
 223 62.5 31.1 93.5
 227 63.0 31.9 95.9





#95

Naphthalene

Concen: 48.826 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

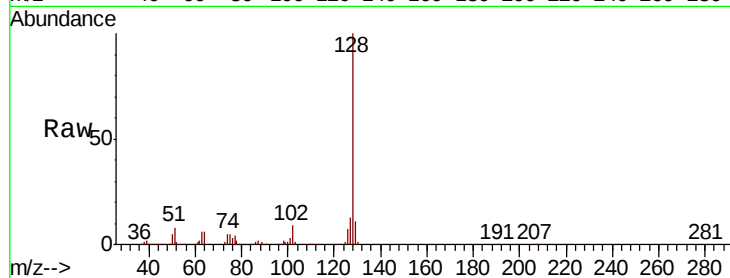
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 474160

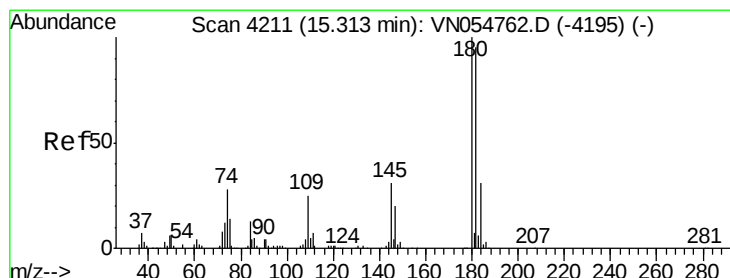
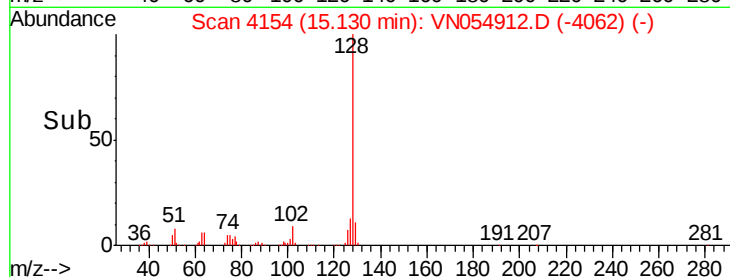
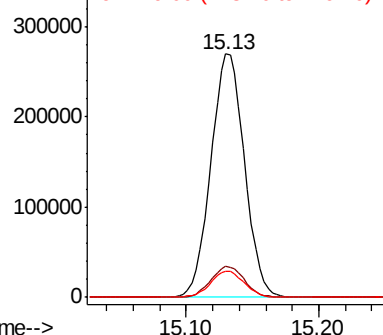
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	10.8	8.7	13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.185 ug/l

RT: 15.31 min Scan# 4211

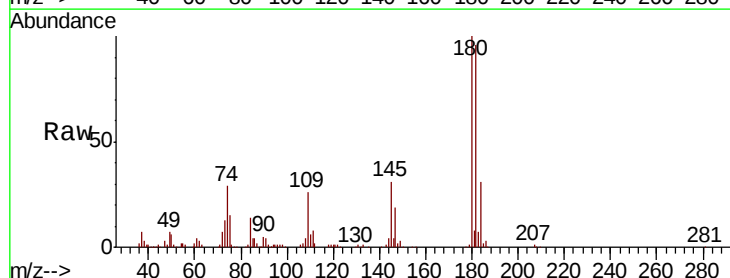
Delta R.T. -0.00 min

Lab File: VN054912.D

Acq: 2 Apr 2019 19:48

Tgt Ion:180 Resp: 210705

Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.5	142.6
145	31.2	14.8	44.3



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

