

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043019\
 Data File : VN055307.D
 Acq On : 30 Apr 2019 14:45
 Operator : JC/SP
 Sample : VN0430WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 01 05:18:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	367352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	611086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	526962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	198117	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	251816	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
35) Dibromofluoromethane	7.59	113	199957	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	
50) Toluene-d8	10.09	98	716895	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.40	95	228954	50.58	ug/l	0.00
Spiked Amount			Recovery	=	101.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.85	85	93668	20.811	ug/l	99
3) Chloromethane	2.06	50	111219	19.956	ug/l	99
4) Vinyl Chloride	2.19	62	90157	20.068	ug/l	99
5) Bromomethane	2.56	94	48289	20.293	ug/l	98
6) Chloroethane	2.70	64	47712	19.605	ug/l	99
7) Trichlorofluoromethane	3.02	101	127673	19.986	ug/l	99
8) Diethyl Ether	3.41	74	47677	21.332	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	74471	19.577	ug/l	99
10) Methyl Iodide	3.95	142	105292	19.668	ug/l	99
11) Tert butyl alcohol	4.78	59	32715	118.901	ug/l	99
12) 1,1-Dichloroethene	3.74	96	72830	20.070	ug/l	98
13) Acrolein	3.61	56	20905	97.288	ug/l	96
14) Allyl chloride	4.33	41	150151	19.978	ug/l	98
15) Acrylonitrile	4.99	53	172706	111.671	ug/l	99
16) Acetone	3.82	43	138672	92.607	ug/l	98
17) Carbon Disulfide	4.05	76	182644	19.286	ug/l	99
18) Methyl Acetate	4.33	43	88428	23.697	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	220235	21.588	ug/l	99
20) Methylene Chloride	4.55	84	90924	19.893	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	77939	20.280	ug/l	94
22) Diisopropyl ether	5.96	45	317281	21.247	ug/l	99
23) Vinyl Acetate	5.90	43	1078267	110.174	ug/l	99
24) 1,1-Dichloroethane	5.85	63	162527	20.427	ug/l	99
25) 2-Butanone	6.84	43	207566	108.389	ug/l	100
26) 2,2-Dichloropropane	6.83	77	103991	18.927	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	91101	20.845	ug/l	99
28) Bromochloromethane	7.19	49	83167	20.737	ug/l	96
29) Tetrahydrofuran	7.21	42	142327	116.068	ug/l	99
30) Chloroform	7.37	83	156953	20.810	ug/l	98
31) Cyclohexane	7.65	56	149774	19.813	ug/l	94
32) 1,1,1-Trichloroethane	7.57	97	125375	20.482	ug/l	99
36) 1,1-Dichloropropene	7.79	75	112035	19.141	ug/l	98
37) Ethyl Acetate	6.93	43	92126	20.536	ug/l	98
38) Carbon Tetrachloride	7.77	117	105131	18.619	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	116863	18.778	ug/l	98
40) Benzene	8.04	78	338657	19.627	ug/l	99
41) Methacrylonitrile	7.18	41	50014	21.035	ug/l	95
42) 1,2-Dichloroethane	8.12	62	122079	19.976	ug/l	99
43) Isopropyl Acetate	8.17	43	164760	22.854	ug/l #	85
44) Trichloroethene	8.84	130	85836	19.514	ug/l	98
45) 1,2-Dichloropropane	9.12	63	96396	19.370	ug/l	97
46) Dibromomethane	9.21	93	55154	20.275	ug/l	99
47) Bromodichloromethane	9.40	83	115287	19.755	ug/l	99
48) Methyl methacrylate	9.20	41	73005	20.599	ug/l	98
49) 1,4-Dioxane	9.20	88	17058	465.599	ug/l	99
51) 4-Methyl-2-Pentanone	9.98	43	442275	108.963	ug/l	100
52) Toluene	10.16	92	198366	20.036	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	102529	20.238	ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	128672	20.371	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	76287	20.750	ug/l	98
56) Ethyl methacrylate	10.43	69	96447	21.314	ug/l	97
57) 1,3-Dichloropropane	10.71	76	131625	20.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	142986	109.169	ug/l	100
59) 2-Hexanone	10.75	43	282838	111.370	ug/l	98
60) Dibromochloromethane	10.90	129	75991	20.224	ug/l	98
61) 1,2-Dibromoethane	11.00	107	70201	20.659	ug/l	98
64) Tetrachloroethene	10.63	164	81601	18.936	ug/l	96
65) Chlorobenzene	11.43	112	199901	19.403	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	76420	18.943	ug/l	100
67) Ethyl Benzene	11.51	91	366825	19.717	ug/l	99
68) m/p-Xylenes	11.62	106	264324	39.803	ug/l	99
69) o-Xylene	11.95	106	132634	20.150	ug/l	100
70) Styrene	11.96	104	212180	20.995	ug/l	100
71) Bromoform	12.13	173	46818	20.914	ug/l #	99
73) Isopropylbenzene	12.25	105	350696	20.373	ug/l	99
74) N-amyl acetate	12.07	43	109412	21.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	93908	22.152	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	109459	28.649	ug/l #	100
77) Bromobenzene	12.53	156	81486	20.248	ug/l	97
78) n-propylbenzene	12.59	91	377947	18.572	ug/l	100
79) 2-Chlorotoluene	12.67	91	240357	20.833	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	288512	18.576	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	19627	18.774	ug/l	87
82) 4-Chlorotoluene	12.77	91	224241	18.951	ug/l	100
83) tert-Butylbenzene	12.99	119	250965	21.149	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	271696	19.559	ug/l	99
85) sec-Butylbenzene	13.17	105	314711	18.642	ug/l	100
86) p-Isopropyltoluene	13.29	119	265359	19.125	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	129470	19.529	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	122162	19.567	ug/l	100
89) n-Butylbenzene	13.61	91	185604	18.825	ug/l	98
90) Hexachloroethane	13.87	117	44388	19.235	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	131089	19.951	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.27	75	12073	23.163	ug/l	94

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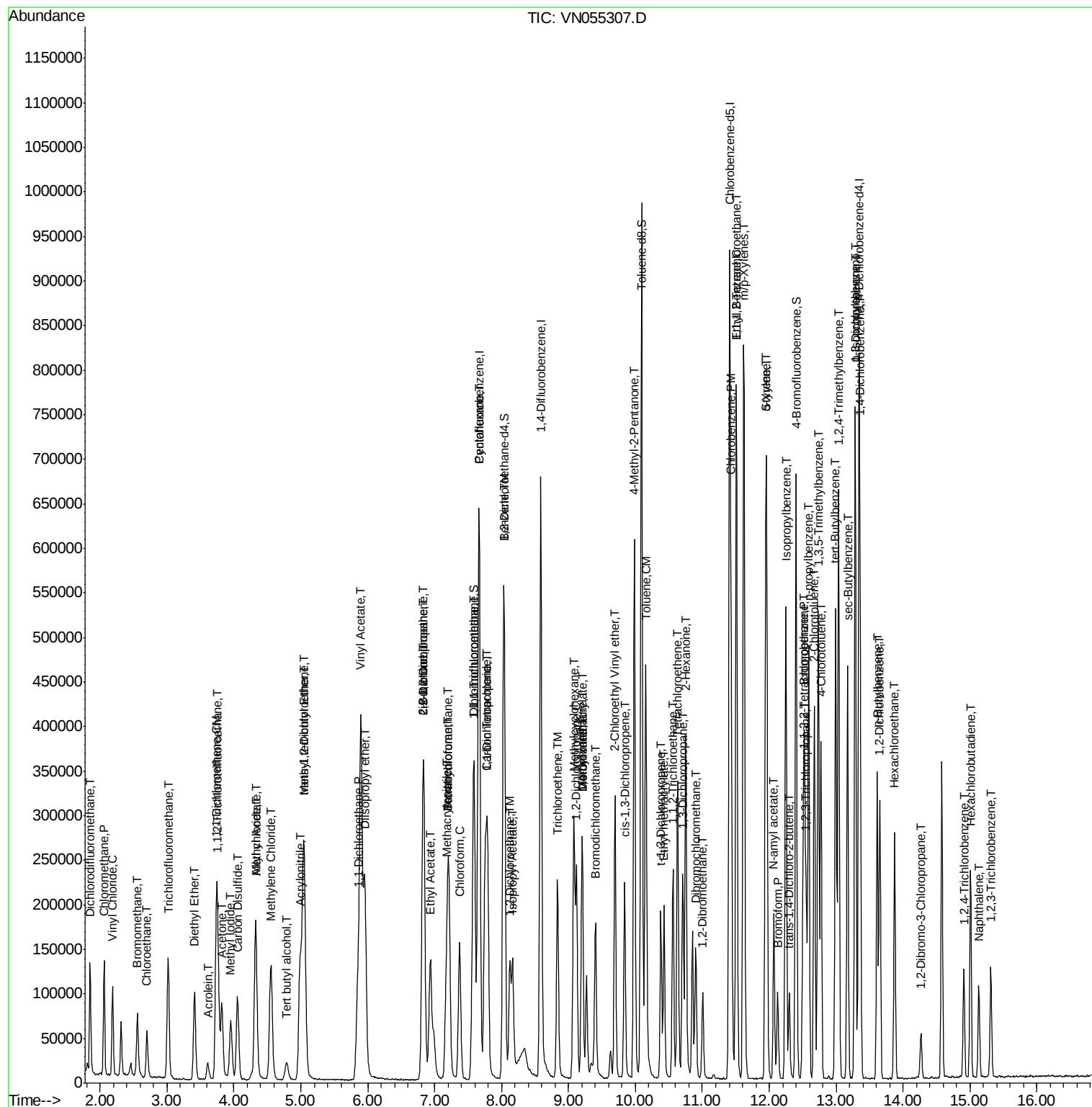
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	39248	17.459	ug/l	96
94) Hexachlorobutadiene	15.01	225	46134	21.752	ug/l	99
95) Naphthalene	15.13	128	86020	17.909	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	41176	17.910	ug/l	99

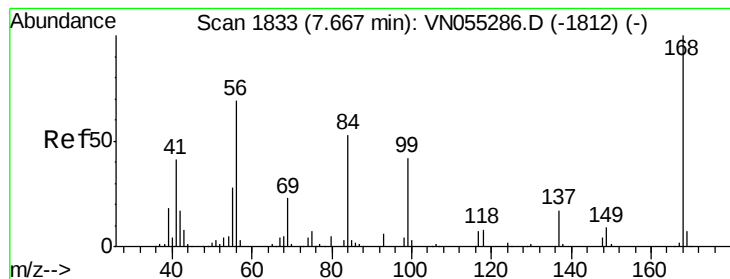
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

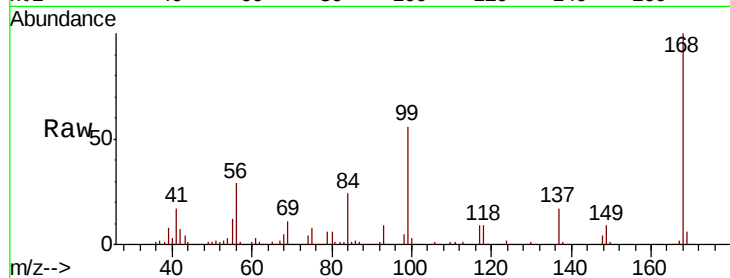
ClientSampleId :

Tot Ion:168 Resp: 367352

Ion Ratio Lower Upper

168 100

99 55.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.67

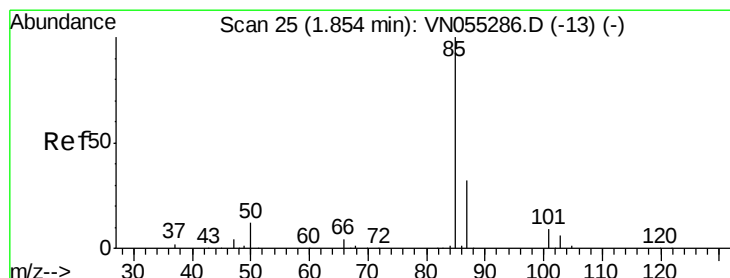
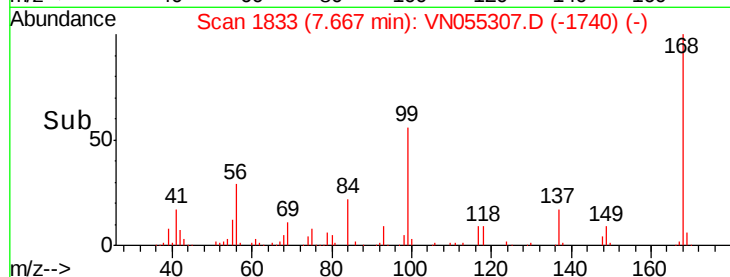
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.811 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN055307.D

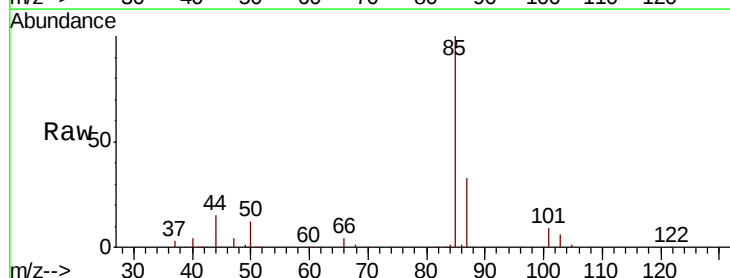
Acq: 30 Apr 2019 14:45

Tgt Ion: 85 Resp: 93668

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055286.D (-13) (-)

Ion 86.90 (86.60 to 87.60): VN055286.D (-13) (-)

1.85

80000

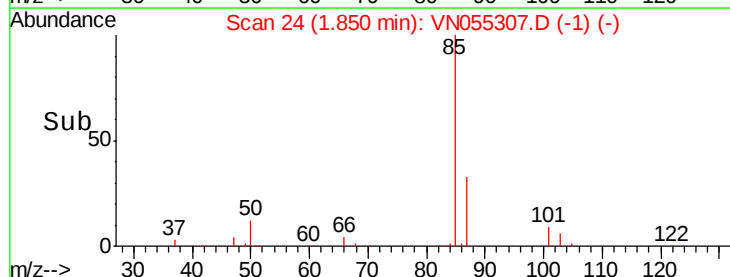
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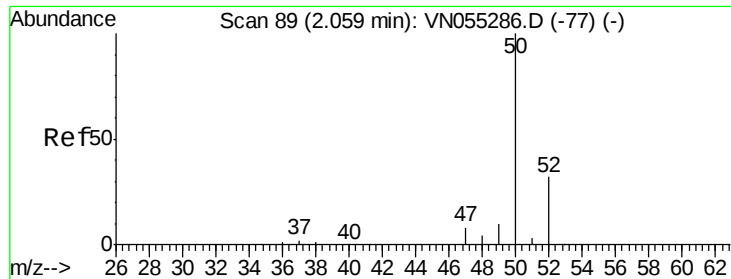
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20000

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Time-->

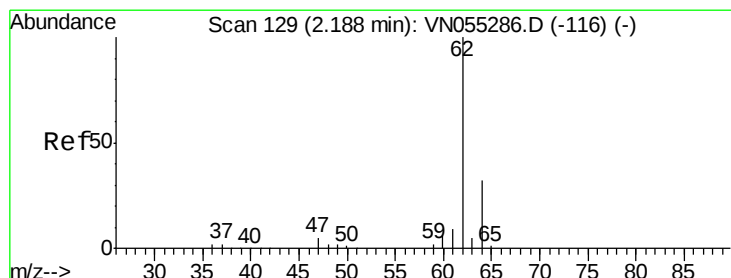
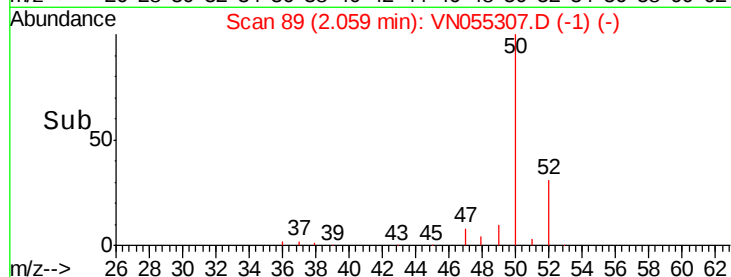
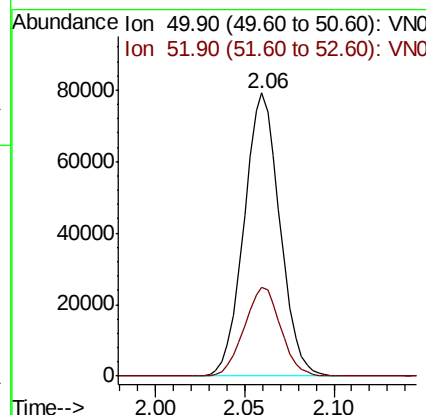
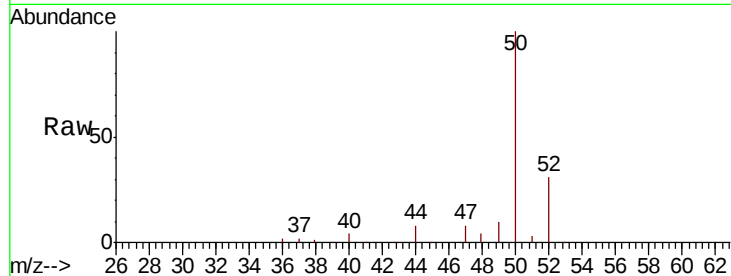




#3
 Chloromethane
 Concen: 19.956 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

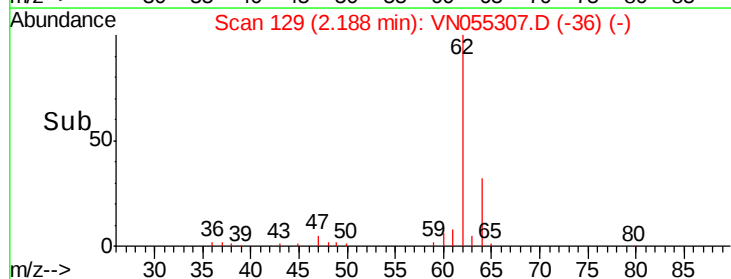
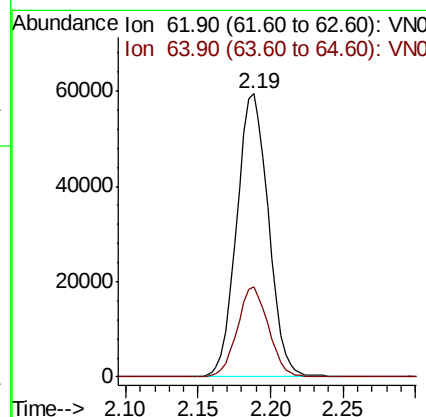
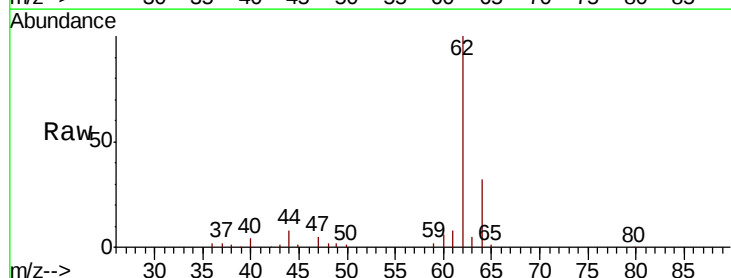
Instrument :
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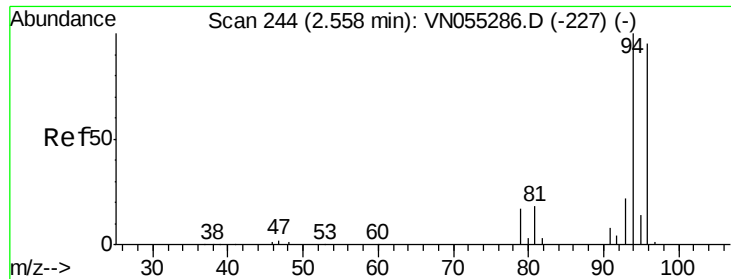
Tot Ion: 50 Resp: 111219
 Ion Ratio Lower Upper
 50 100
 52 31.5 25.7 38.5



#4
 Vinyl Chloride
 Concen: 20.068 ug/l
 RT: 2.19 min Scan# 129
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

Tgt Ion: 62 Resp: 90157
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.5 38.3

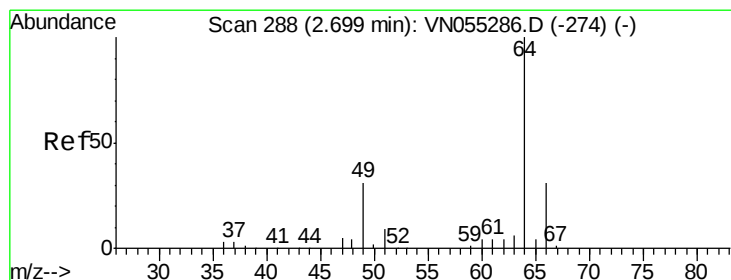
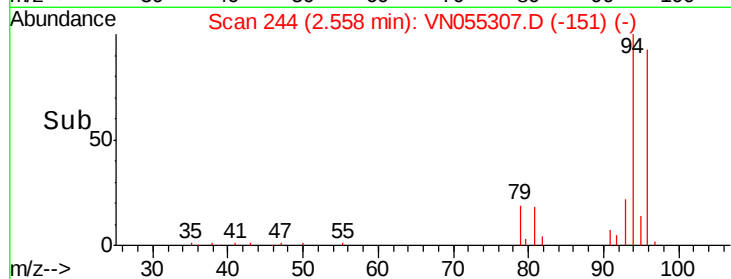
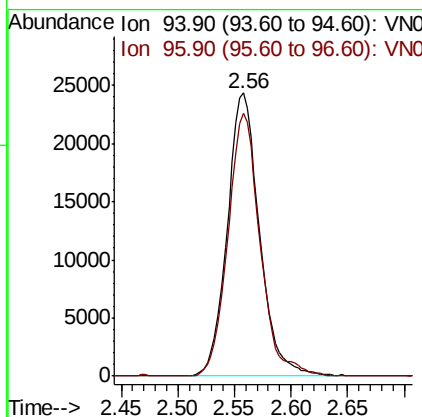
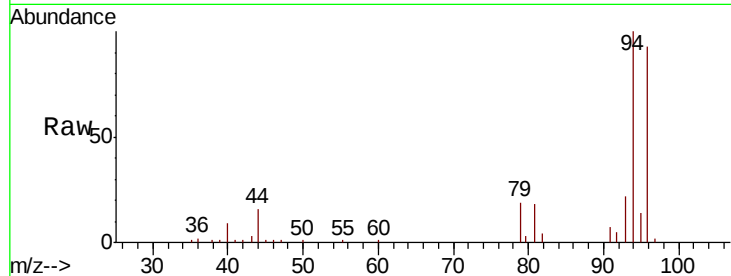




#5
Bromomethane
Concen: 20.293 ug/l
RT: 2.56 min Scan# 244
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

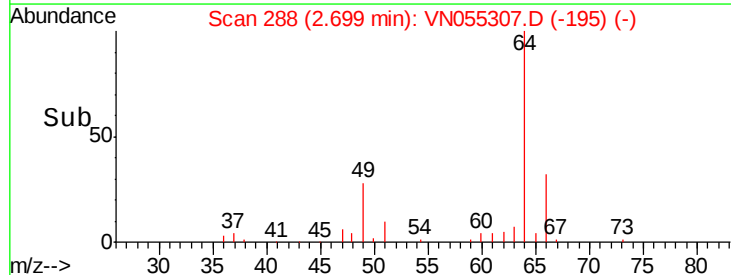
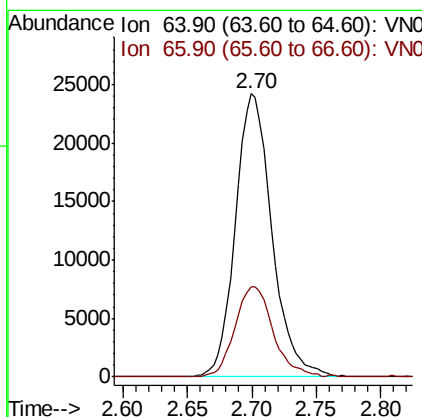
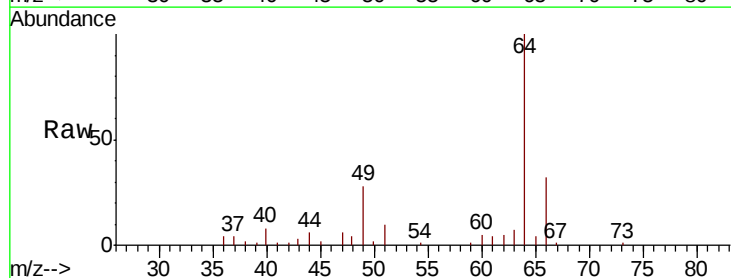
Instrument :
MSVOA_N
ClientSampled :

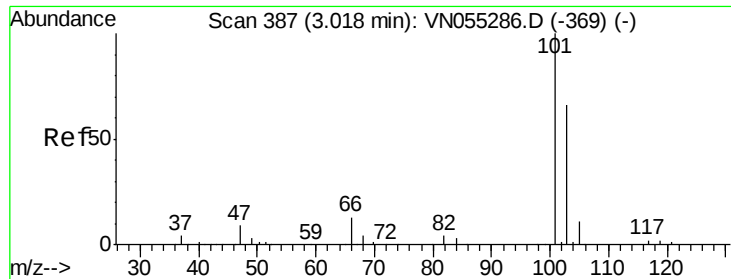
Tot Ion: 94 Resp: 48289
Ion Ratio Lower Upper
94 100
96 93.0 76.0 114.0



#6
Chloroethane
Concen: 19.605 ug/l
RT: 2.70 min Scan# 288
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion: 64 Resp: 47712
Ion Ratio Lower Upper
64 100
66 31.8 25.0 37.4



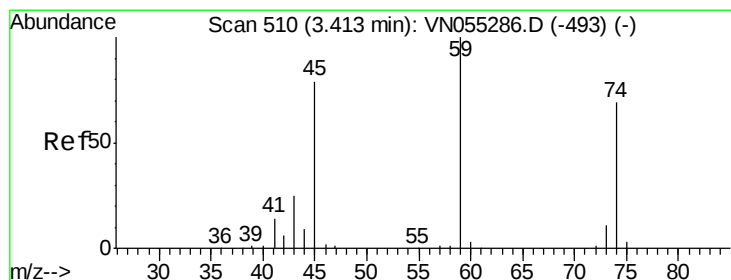
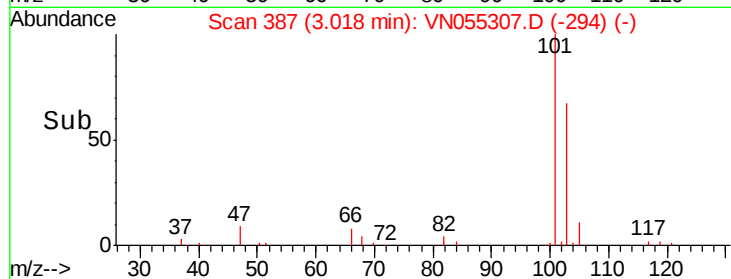
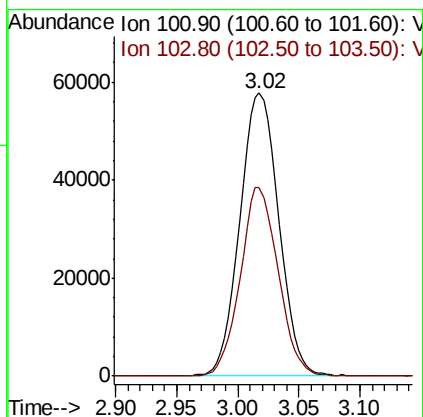
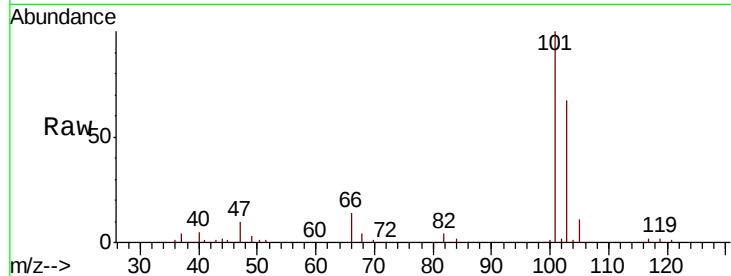


#7

Trichlorofluoromethane
 Concen: 19.986 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

Instrument :
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 ClientSampleId :

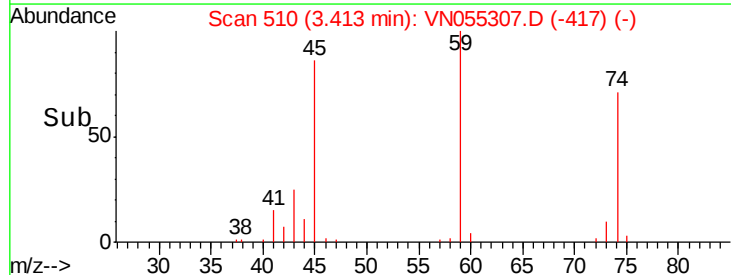
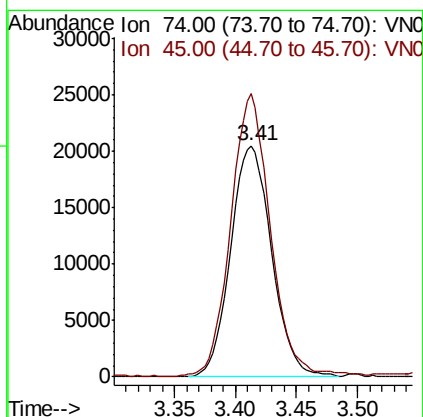
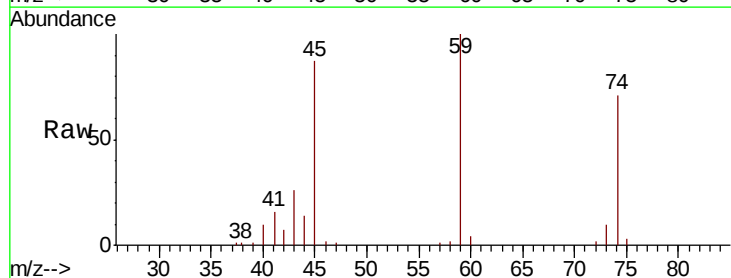
Tot Ion:101 Resp: 127673
 Ion Ratio Lower Upper
 101 100
 103 66.5 52.6 79.0

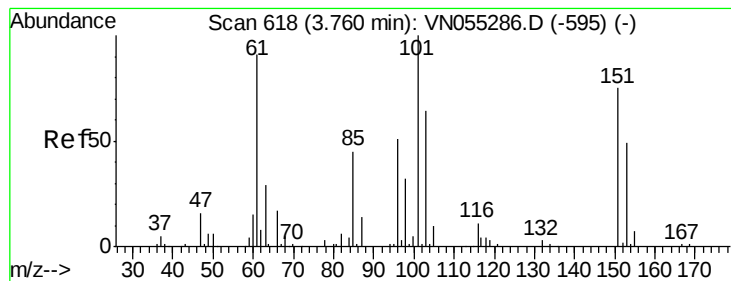


#8

Diethyl Ether
 Concen: 21.332 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

Tgt Ion: 74 Resp: 47677
 Ion Ratio Lower Upper
 74 100
 45 117.9 58.9 176.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.577 ug/l

RT: 3.76 min Scan# 619

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

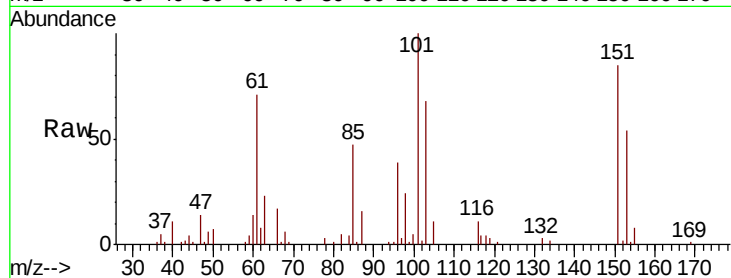
Tot Ion:101 Resp: 74471

Ion Ratio Lower Upper

101 100

85 46.6 35.7 53.5

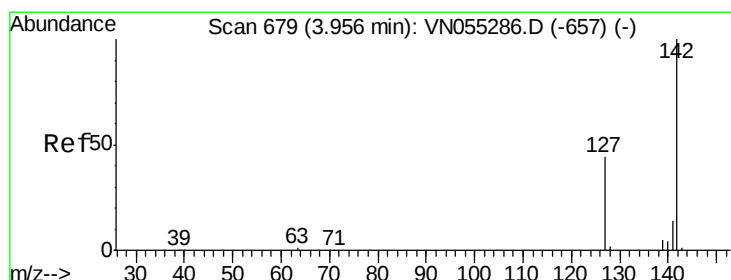
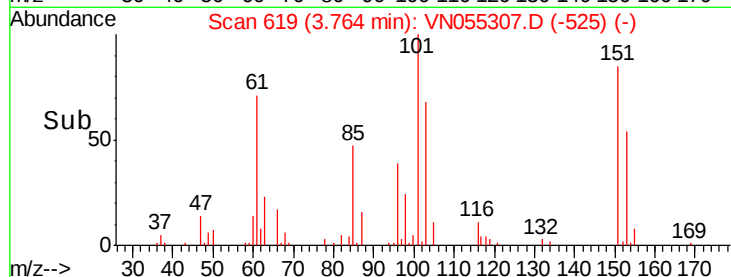
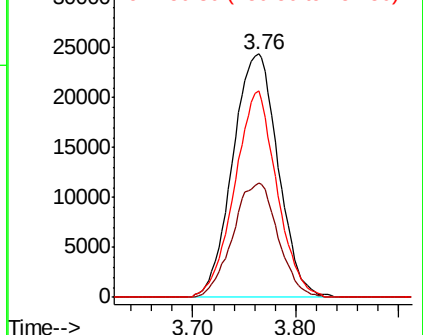
151 78.8 63.3 94.9



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: 19.668 ug/l

RT: 3.95 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

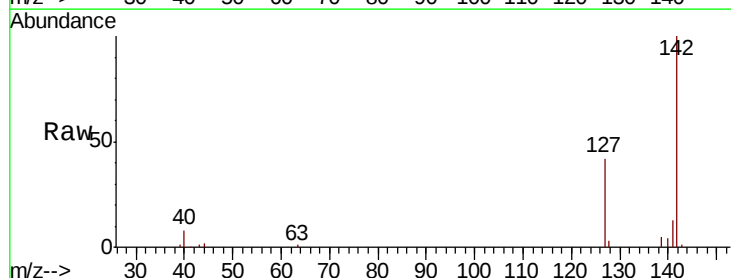
Tgt Ion:142 Resp: 105292

Ion Ratio Lower Upper

142 100

127 44.1 34.4 51.6

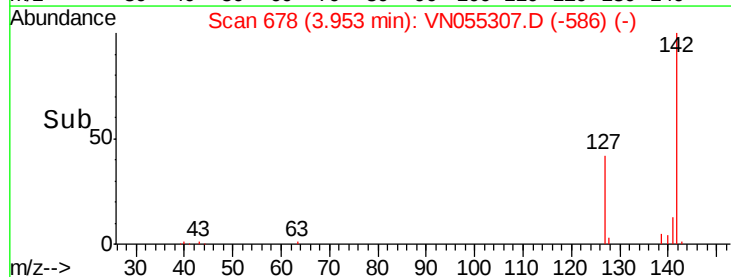
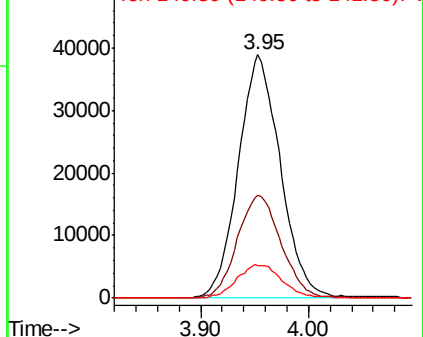
141 14.7 11.5 17.3



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

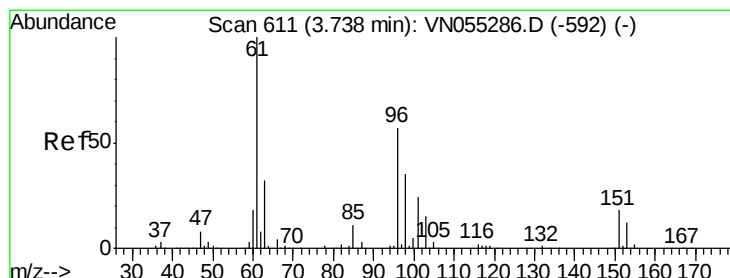
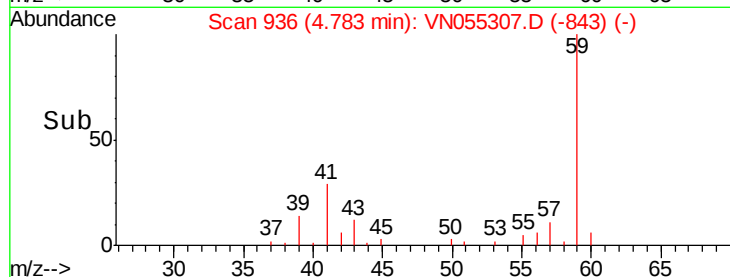
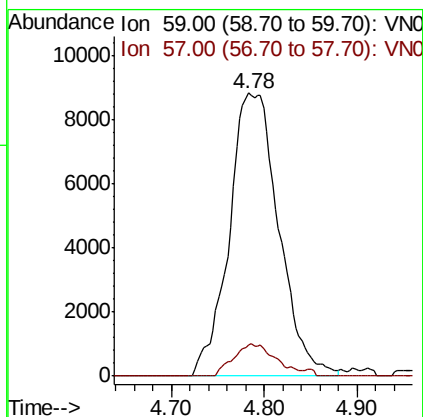
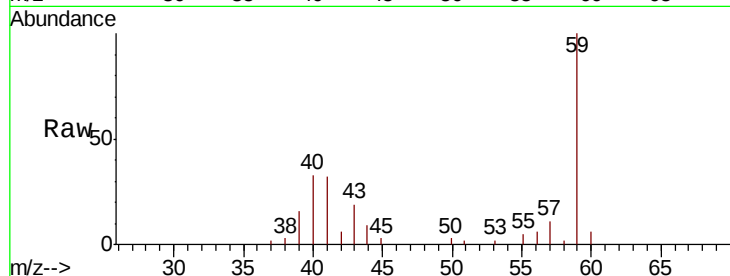




#11
Tert butyl alcohol
Concen: 118.901 ug/l
RT: 4.78 min Scan# 936
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

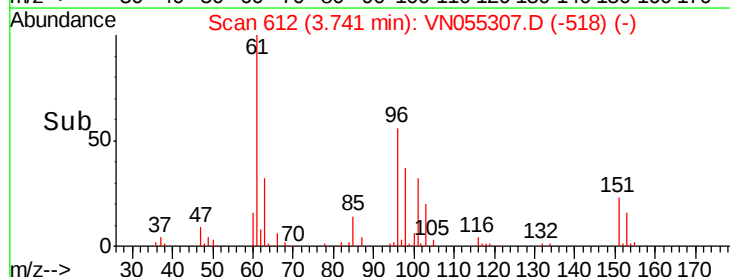
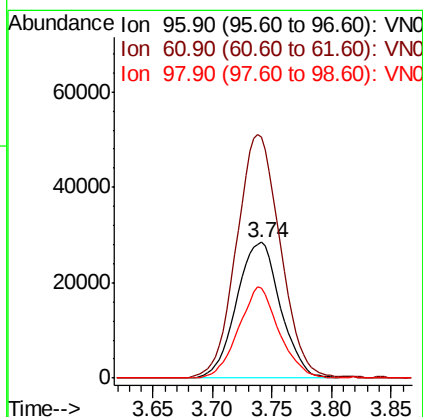
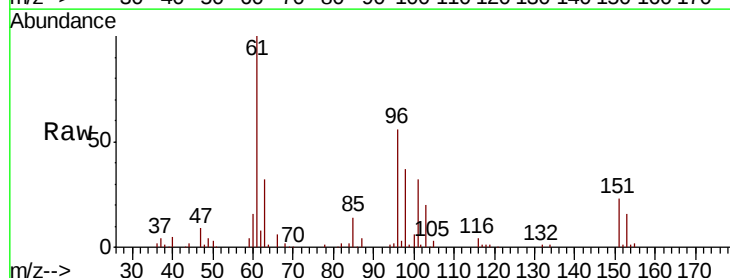
Instrument :
MSVOA_N
ClientSampled :

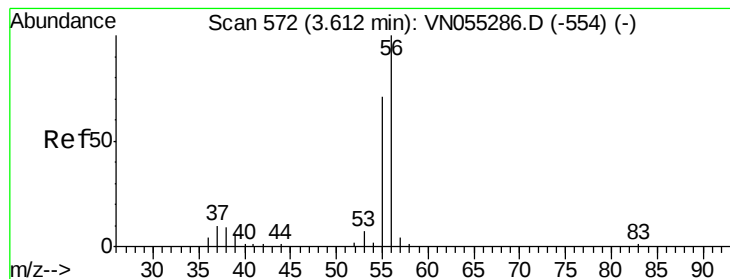
Tot Ion: 59 Resp: 32715
Ion Ratio Lower Upper
59 100
57 9.7 8.2 12.2



#12
1,1-Dichloroethene
Concen: 20.070 ug/l
RT: 3.74 min Scan# 612
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion: 96 Resp: 72830
Ion Ratio Lower Upper
96 100
61 177.4 140.9 211.3
98 66.0 50.0 75.0





#13

Acrolein

Concen: 97.288 ug/l

RT: 3.61 min Scan# 571

Delta R.T. -0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

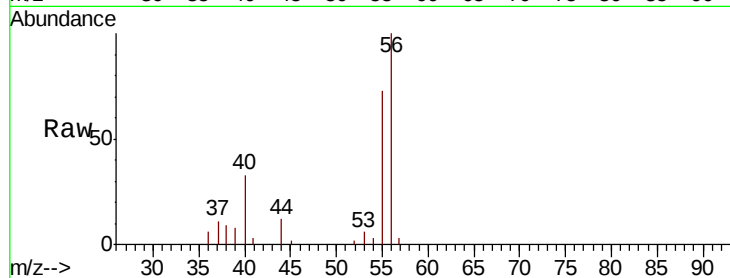
ClientSampleId :

Tot Ion: 56 Resp: 20905

Ion Ratio Lower Upper

56 100

55 75.4 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

8000

6000

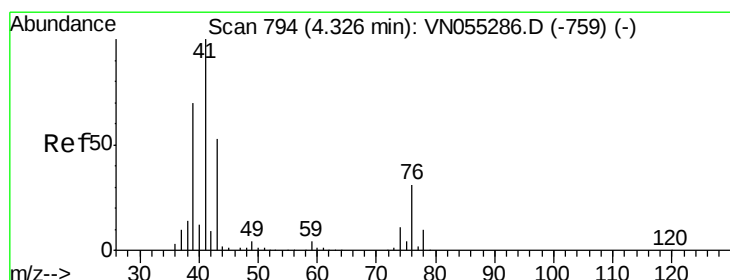
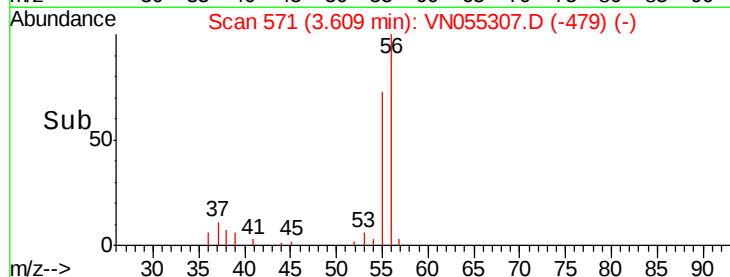
4000

2000

0

Time-->

3.55 3.60 3.65 3.70



#14

Allyl chloride

Concen: 19.978 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

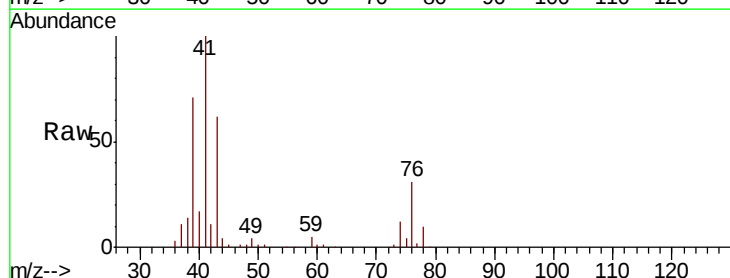
Tgt Ion: 41 Resp: 150151

Ion Ratio Lower Upper

41 100

39 68.0 53.0 79.6

76 28.5 22.7 34.1



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.33

60000

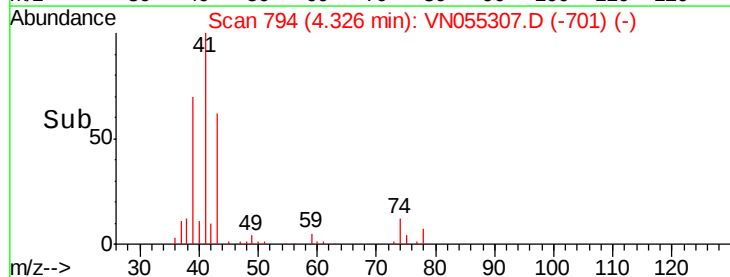
40000

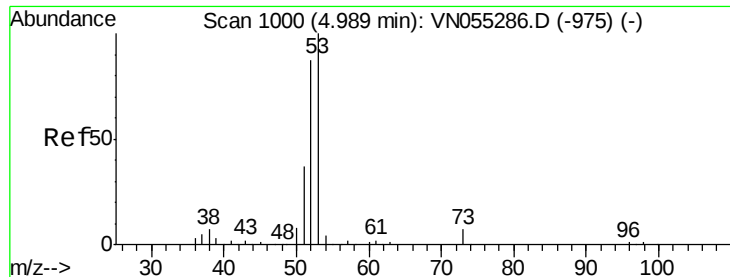
20000

0

Time-->

4.20 4.30 4.40





#15

Acrylonitrile

Concen: 111.671 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

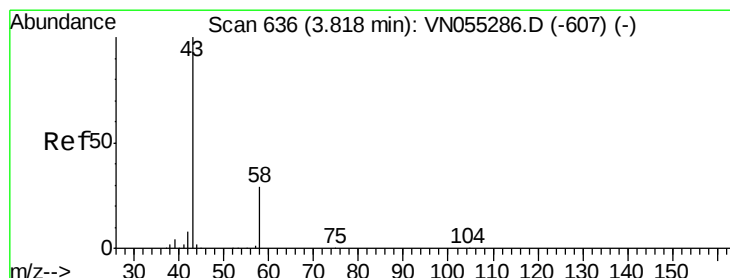
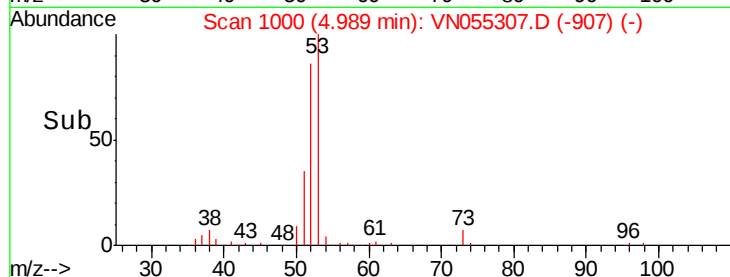
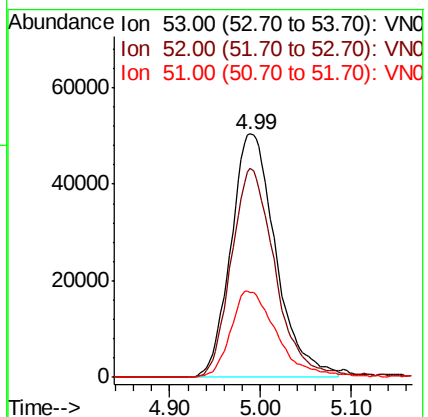
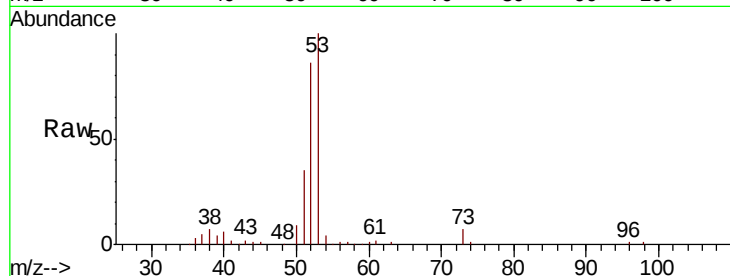
Tot Ion: 53 Resp: 172706

Ion Ratio Lower Upper

53 100

52 83.9 66.5 99.7

51 36.7 29.6 44.4



#16

Acetone

Concen: 92.607 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN055307.D

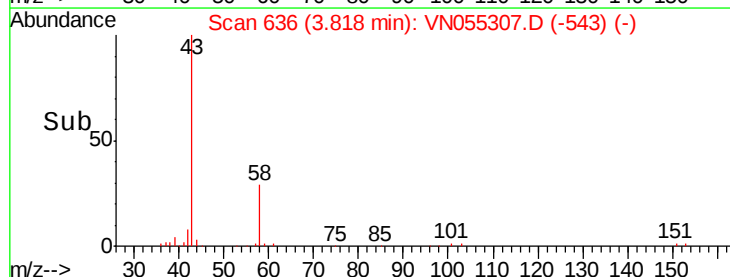
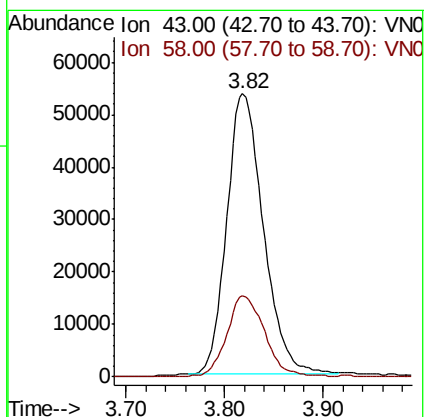
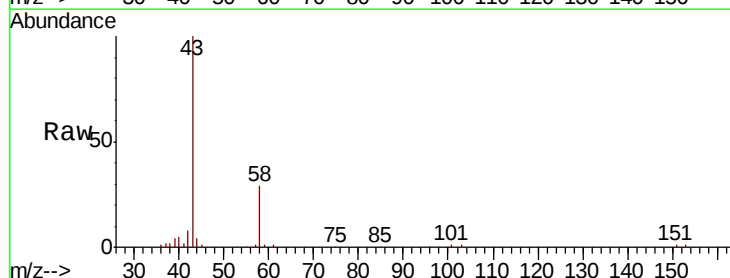
Acq: 30 Apr 2019 14:45

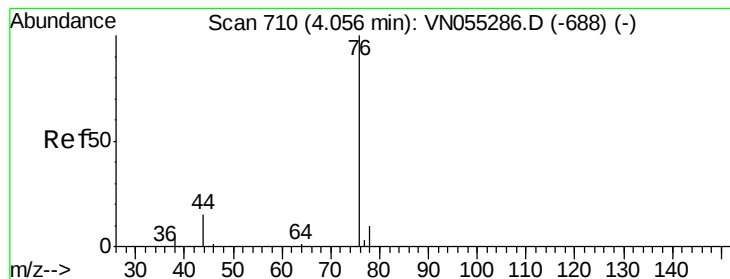
Tgt Ion: 43 Resp: 138672

Ion Ratio Lower Upper

43 100

58 28.6 23.6 35.4





#17

Carbon Disulfide

Concen: 19.286 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

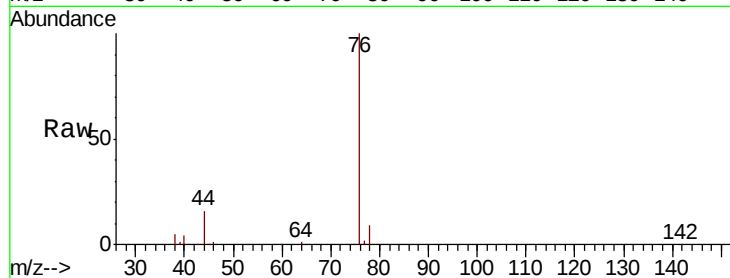
ClientSampleId :

Tot Ion: 76 Resp: 182644

Ion Ratio Lower Upper

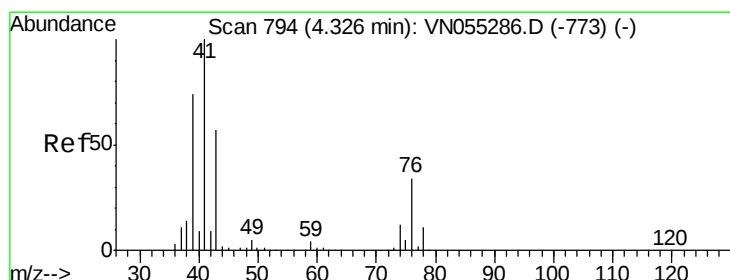
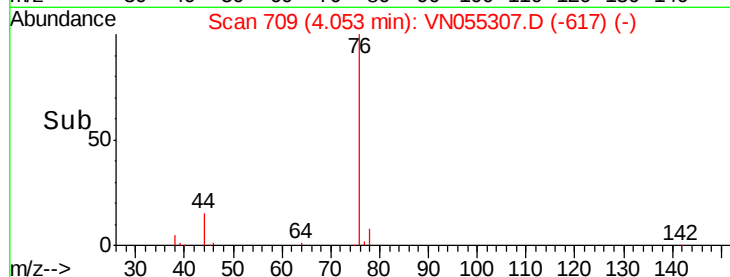
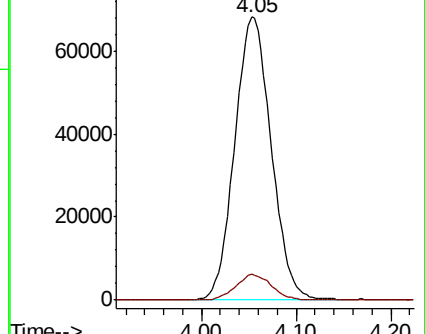
76 100

78 9.1 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC



#18

Methyl Acetate

Concen: 23.697 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN055307.D

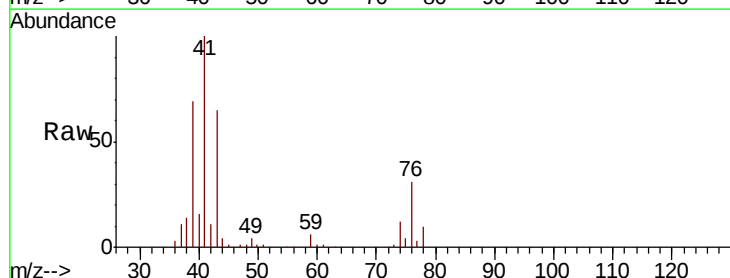
Acq: 30 Apr 2019 14:45

Tgt Ion: 43 Resp: 88428

Ion Ratio Lower Upper

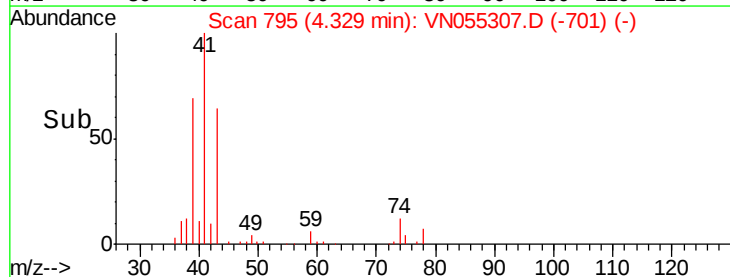
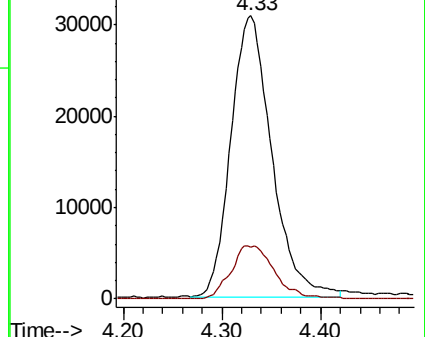
43 100

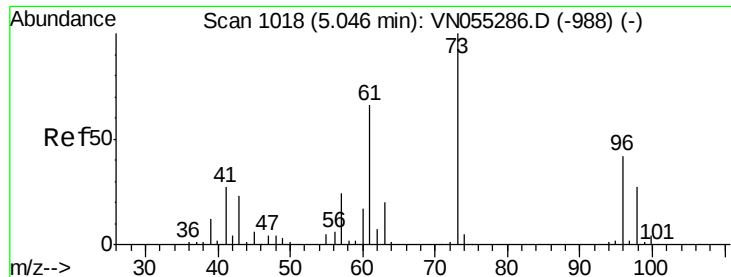
74 20.1 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 74.00 (73.70 to 74.70): VNC

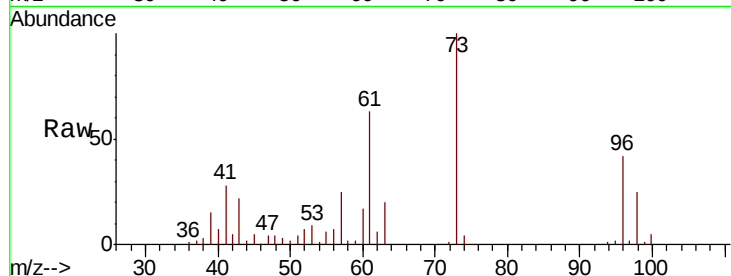




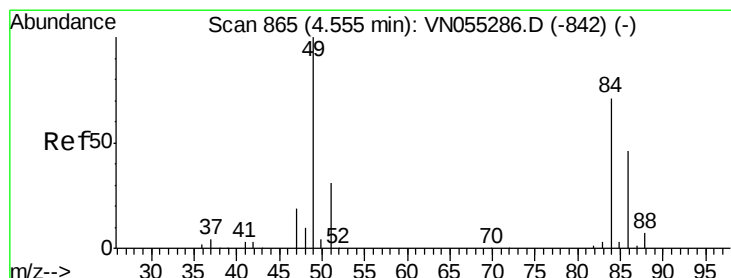
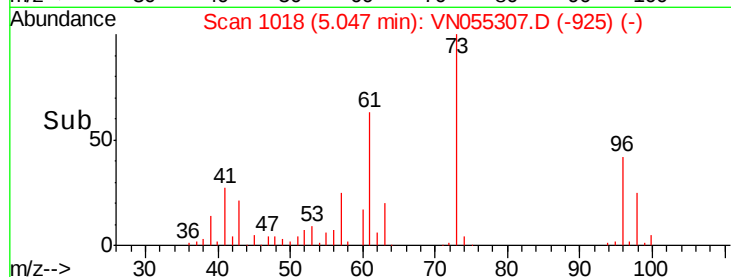
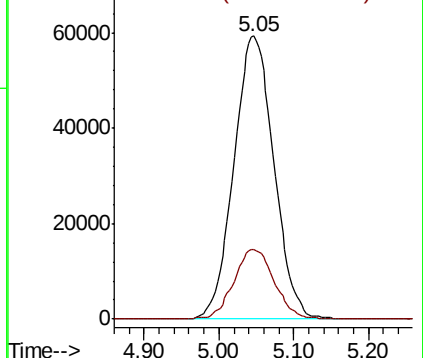
#19
Methvl tert-butvl Ether
Concen: 21.588 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 73 Resp: 220235
Ion Ratio Lower Upper
73 100
57 24.5 19.1 28.7

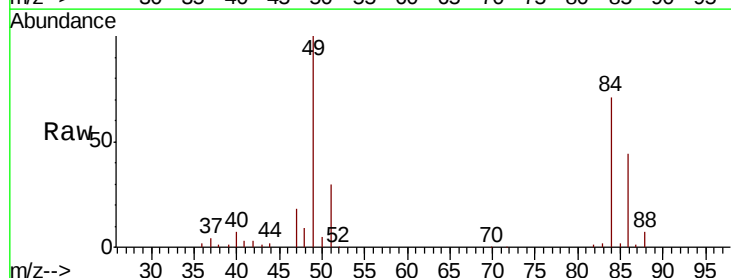


Abundance Ion 73.00 (72.70 to 73.70): VN055286.D (-988) (-)
Ion 57.00 (56.70 to 57.70): VN055286.D (-988) (-)

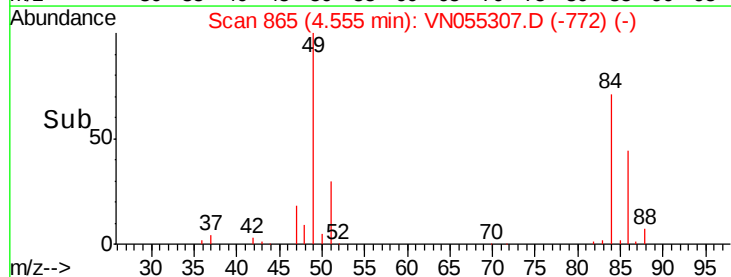
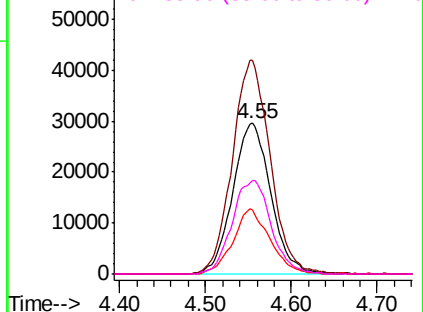


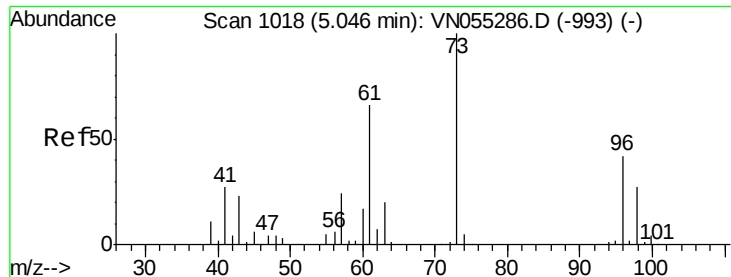
#20
Methylene Chloride
Concen: 19.893 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion: 84 Resp: 90924
Ion Ratio Lower Upper
84 100
49 141.6 112.4 168.6
51 42.0 34.6 51.8
86 62.3 51.9 77.9



Abundance Ion 83.90 (83.60 to 84.60): VN055286.D (-842) (-)
Ion 48.90 (48.60 to 49.60): VN055286.D (-842) (-)
Ion 50.90 (50.60 to 51.60): VN055286.D (-842) (-)
Ion 85.90 (85.60 to 86.60): VN055286.D (-842) (-)

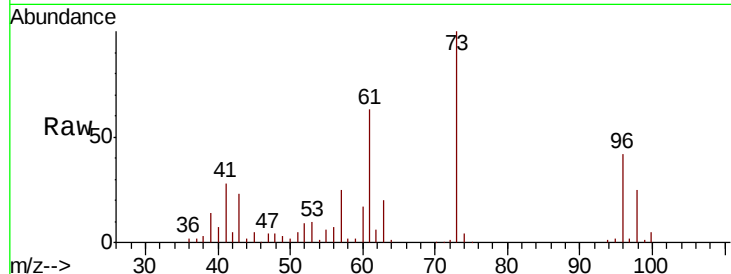




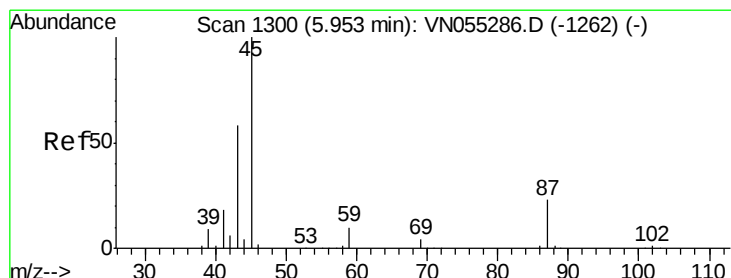
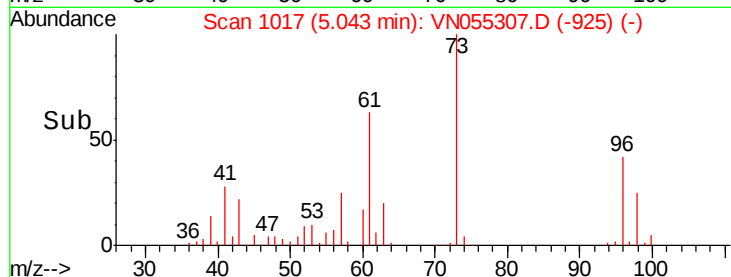
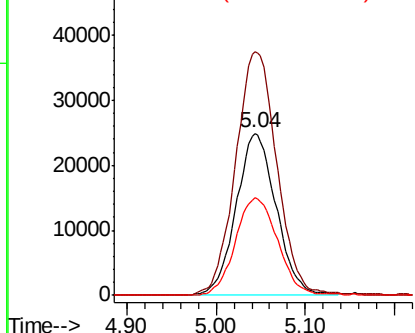
#21
trans-1,2-Dichloroethene
Concen: 20.280 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 77939
Ion Ratio Lower Upper
96 100
61 150.2 126.2 189.4
98 60.1 52.2 78.2

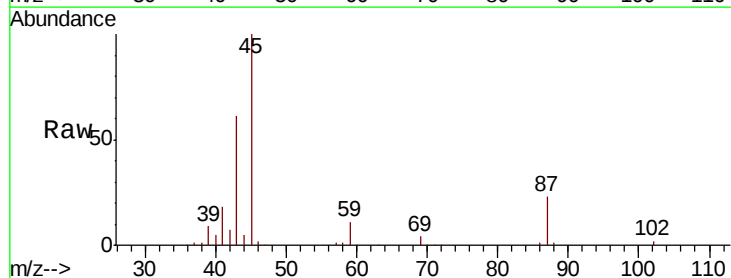


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

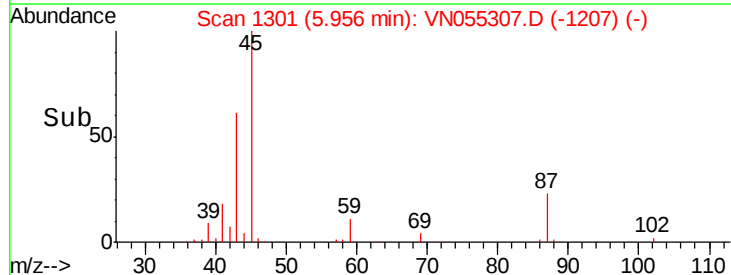
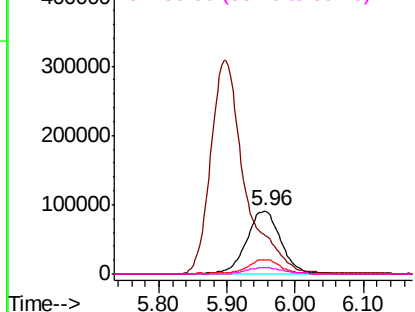


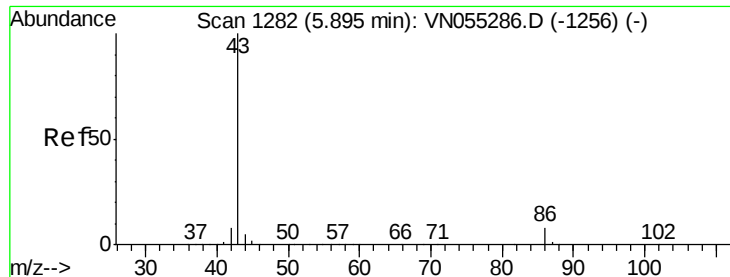
#22
Diisopropyl ether
Concen: 21.247 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion: 45 Resp: 317281
Ion Ratio Lower Upper
45 100
43 59.7 46.6 70.0
87 22.7 18.1 27.1
59 10.6 8.2 12.2



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: 110.174 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

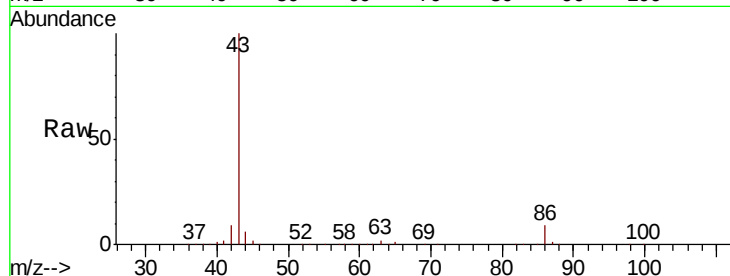
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 1078267

Ion Ratio Lower Upper

43 100

86 8.7 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VN055307.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN055307.D (-1189) (-)

5.90

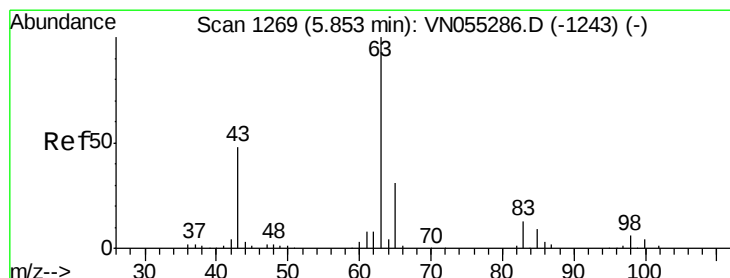
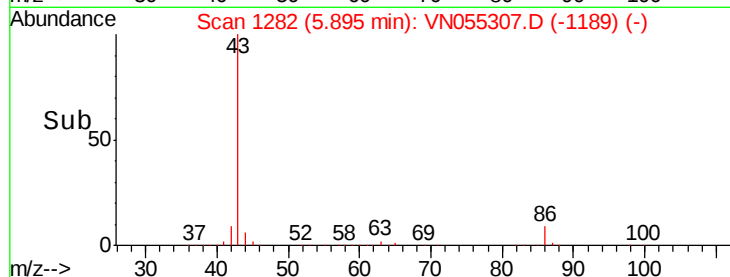
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 20.427 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

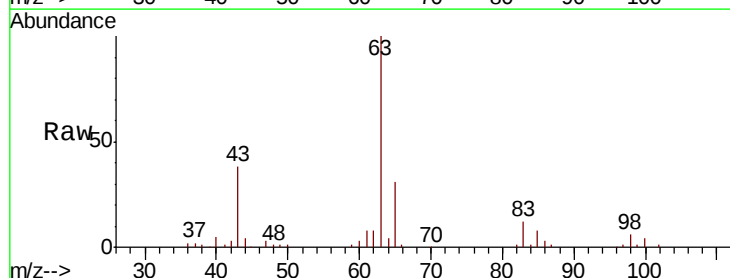
Tgt Ion: 63 Resp: 162527

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.0

100 3.7 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN055307.D (-1176) (-)

Ion 97.90 (97.60 to 98.60): VN055307.D (-1176) (-)

Ion 99.90 (99.60 to 100.60): VN055307.D (-1176) (-)

5.85

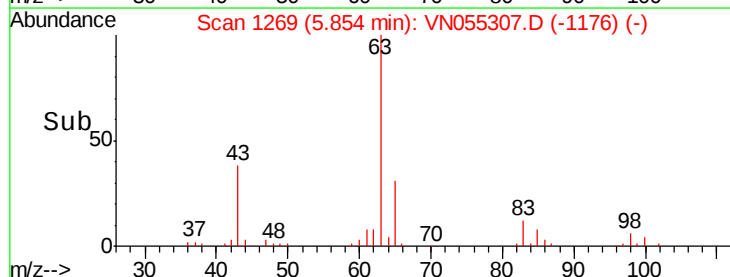
60000

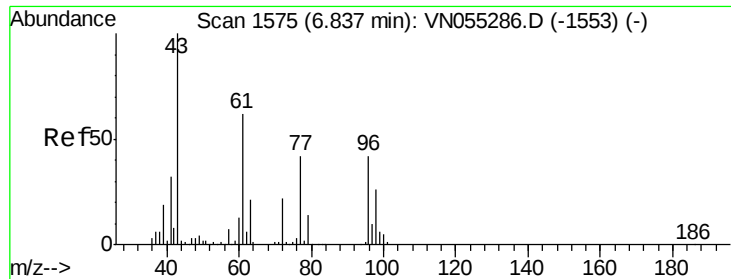
40000

20000

0

Time--> 5.70 5.80 5.90

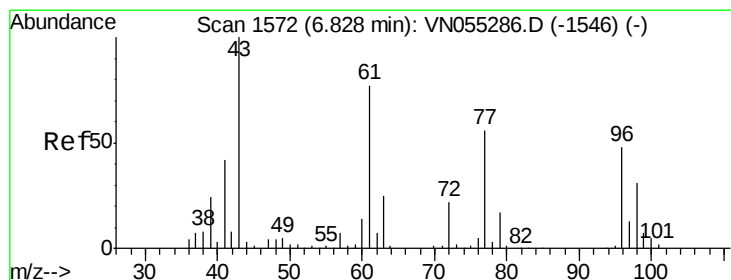
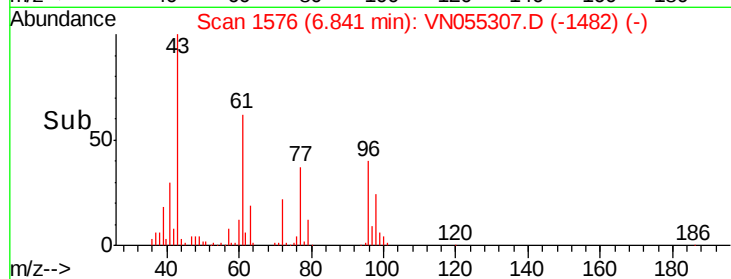
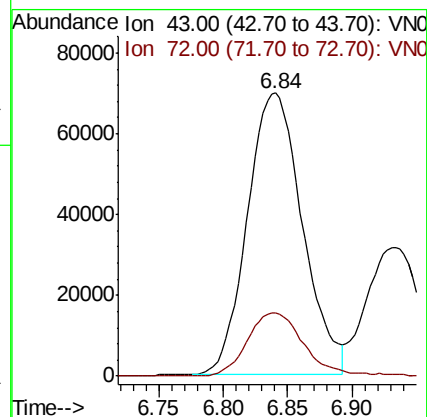
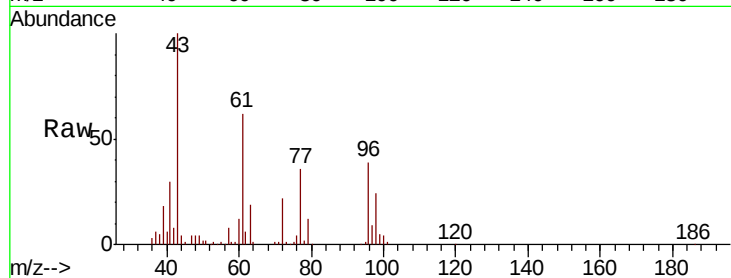




#25
2-Butanone
Concen: 108.389 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

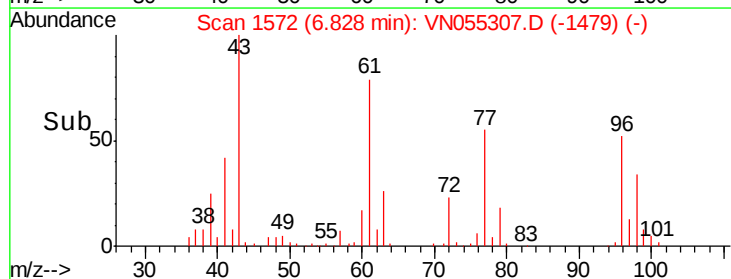
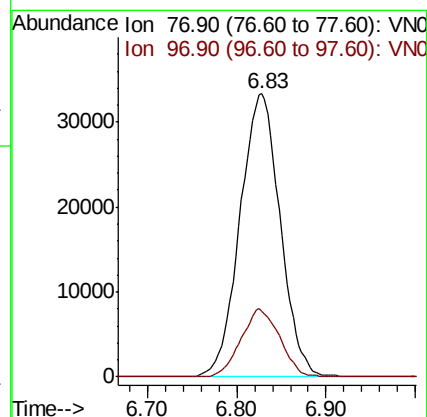
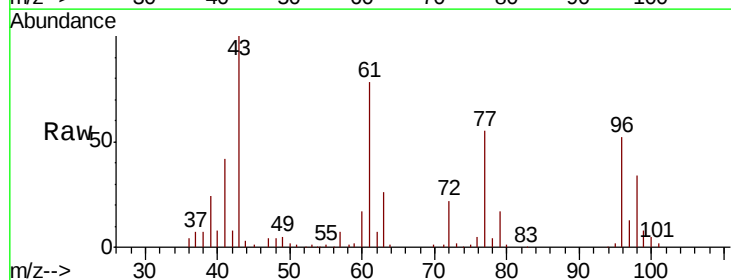
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 207566
Ion Ratio Lower Upper
43 100
72 22.3 18.0 27.0



#26
2,2-Dichloropropane
Concen: 18.927 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion: 77 Resp: 103991
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 20.845 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :
MSVOA_N
ClientSampled :

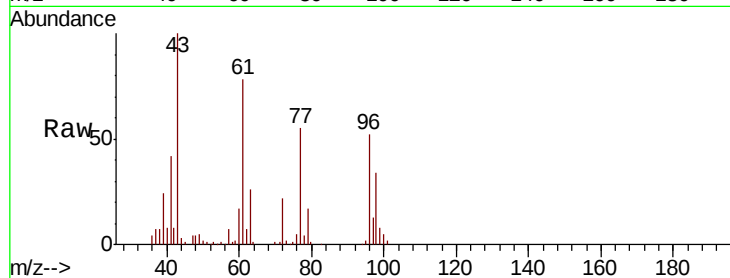
Tot Ion: 96 Resp: 91101

Ion Ratio Lower Upper

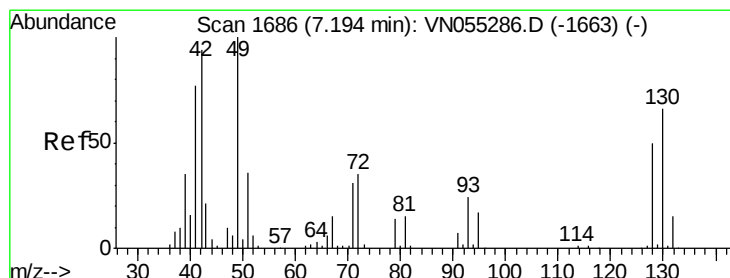
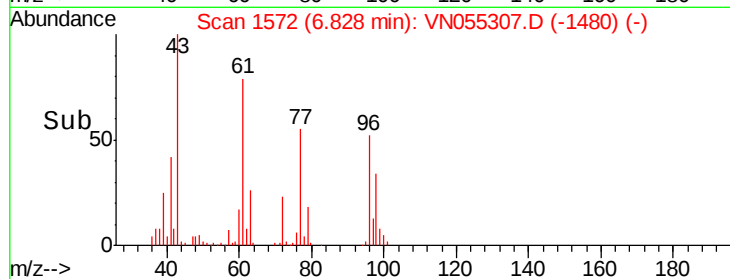
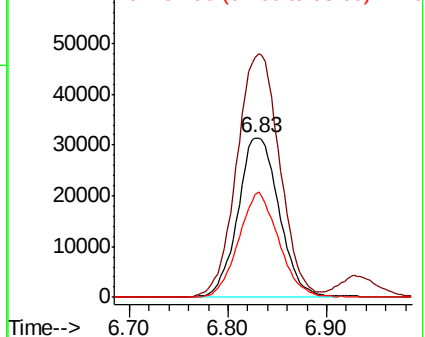
96 100

61 158.9 0.0 316.2

98 64.2 0.0 126.6



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: 20.737 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

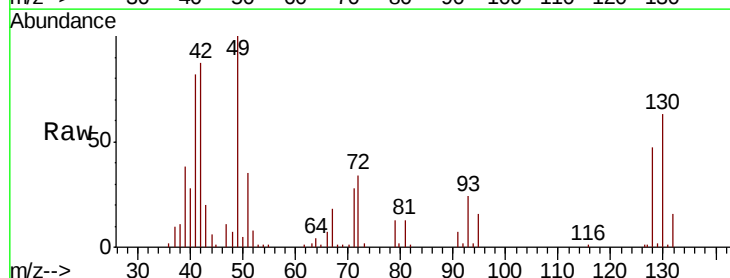
Tgt Ion: 49 Resp: 83167

Ion Ratio Lower Upper

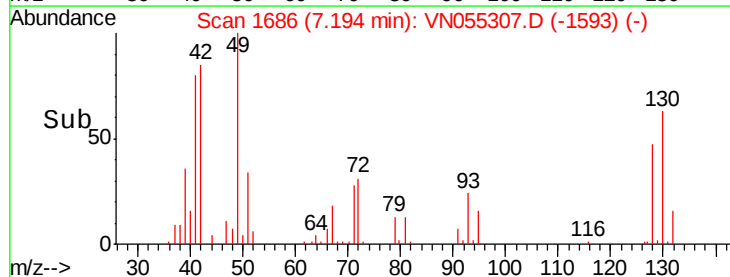
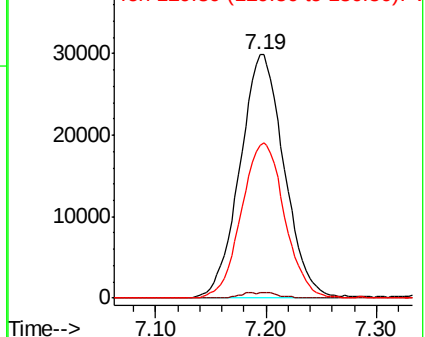
49 100

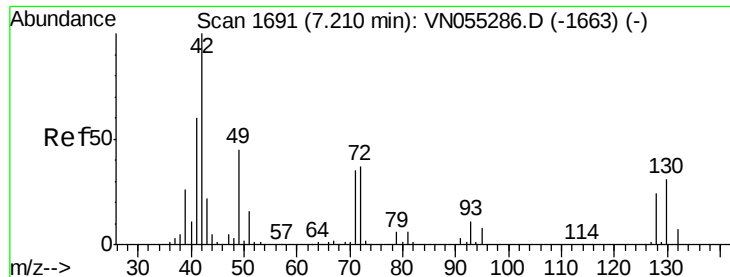
129 0.8 0.0 2.4

130 62.1 52.0 78.0



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

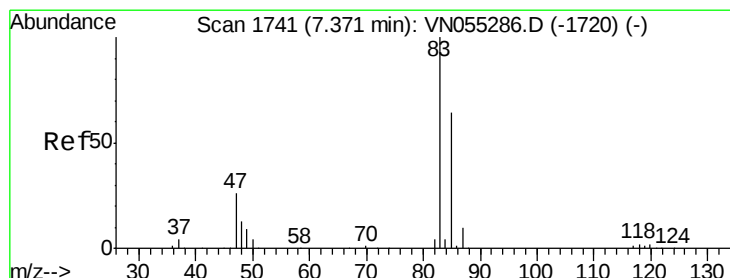
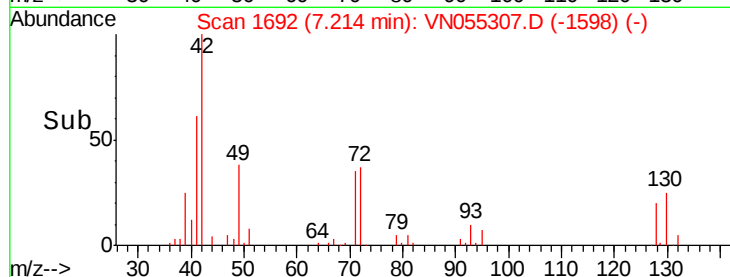
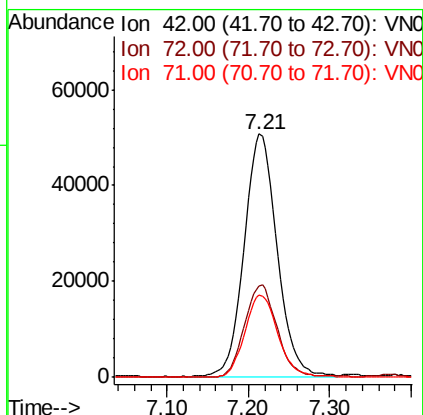
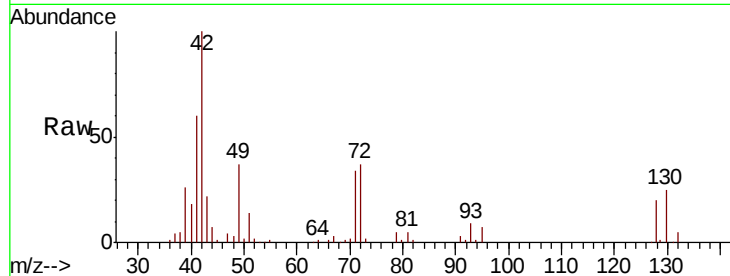




#29
Tetrahydrofuran
Concen: 116.068 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

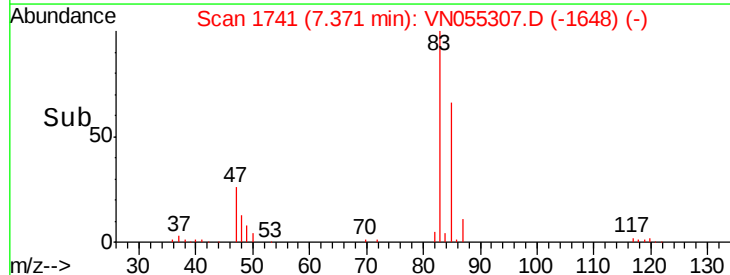
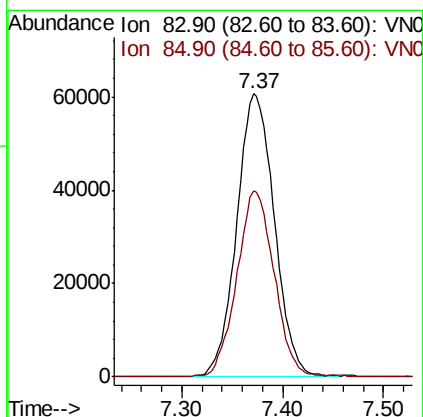
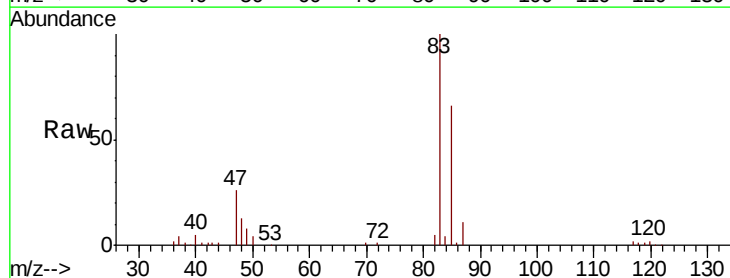
Instrument :
MSVOA_N
ClientSampleId :

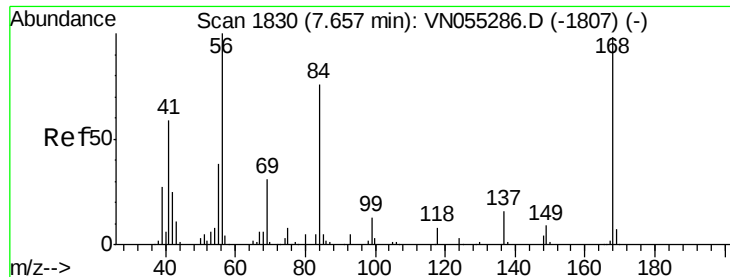
Tot Ion: 42 Resp: 142327
Ion Ratio Lower Upper
42 100
72 37.5 29.0 43.6
71 33.5 27.1 40.7



#30
Chloroform
Concen: 20.810 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion: 83 Resp: 156953
Ion Ratio Lower Upper
83 100
85 65.6 51.4 77.2

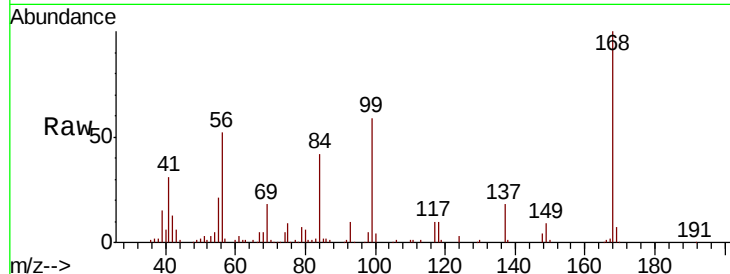




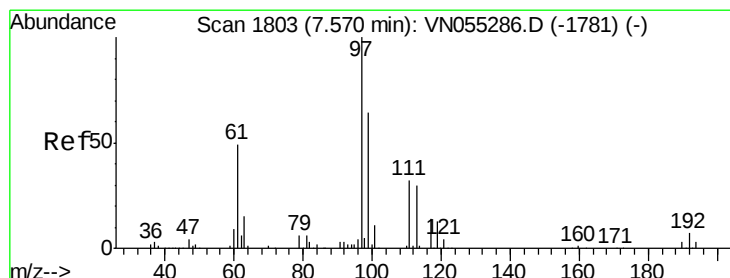
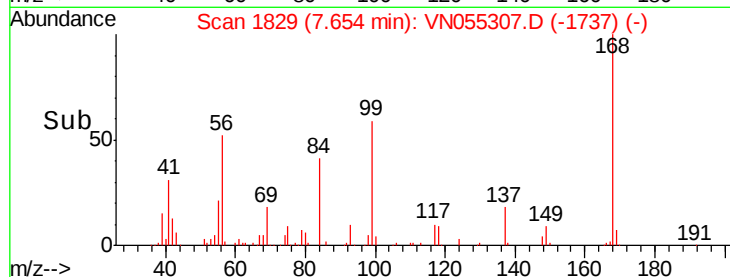
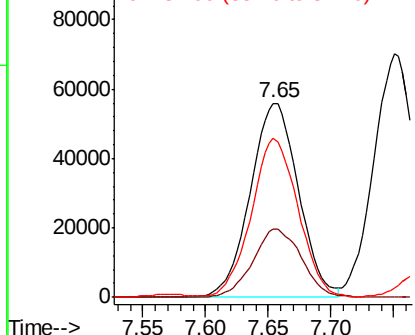
#31
Cyclohexane
Concen: 19.813 ug/l
RT: 7.65 min Scan# 1829
Delta R.T. -0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 149774
Ion Ratio Lower Upper
56 100
69 35.2 25.2 37.8
84 80.8 61.1 91.7

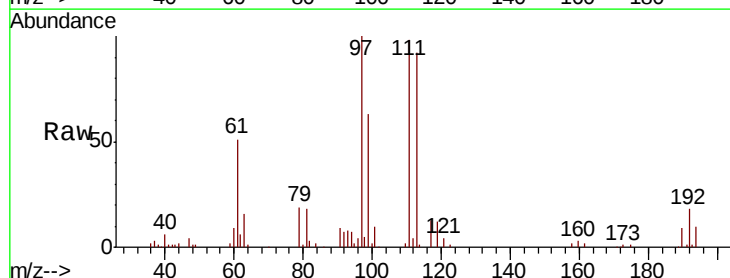


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

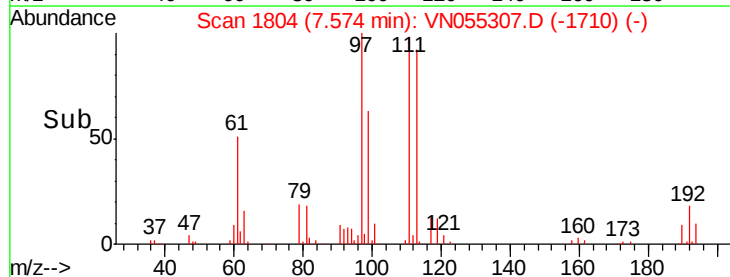
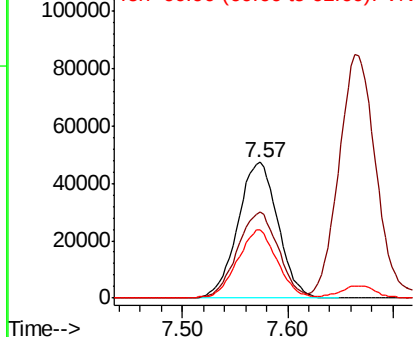


#32
1,1,1-Trichloroethane
Concen: 20.482 ug/l
RT: 7.57 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion: 97 Resp: 125375
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.8
61 49.8 39.0 58.6



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

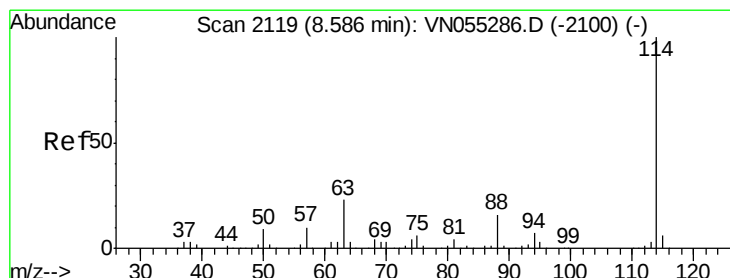
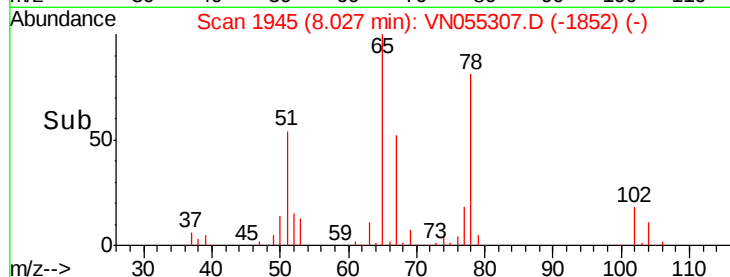
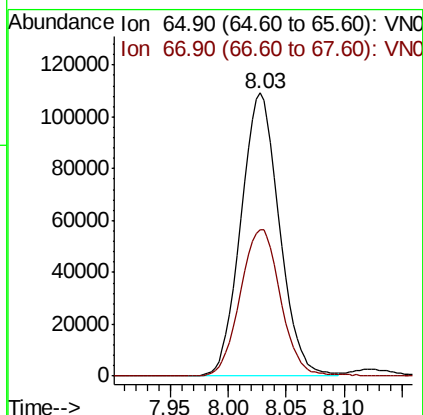
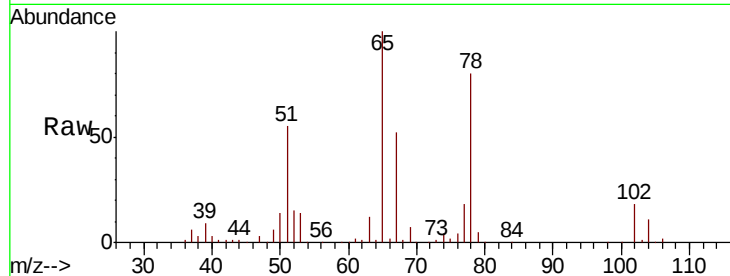




#33
 1,2-Dichloroethane-d4
 Concen: 52.398 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

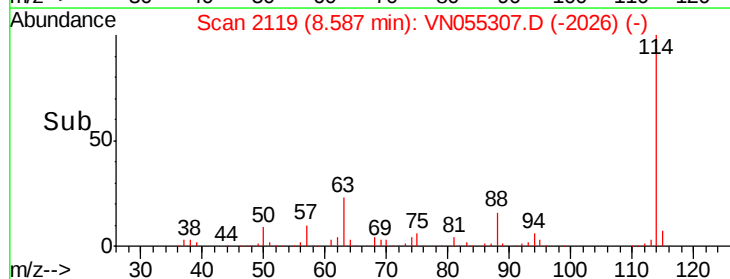
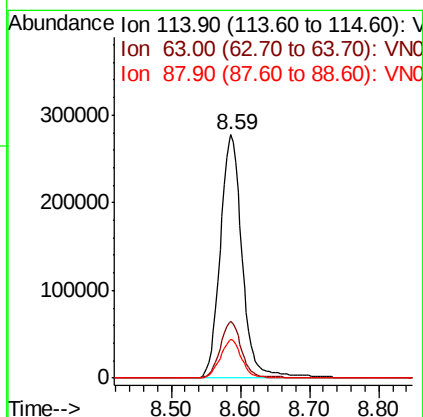
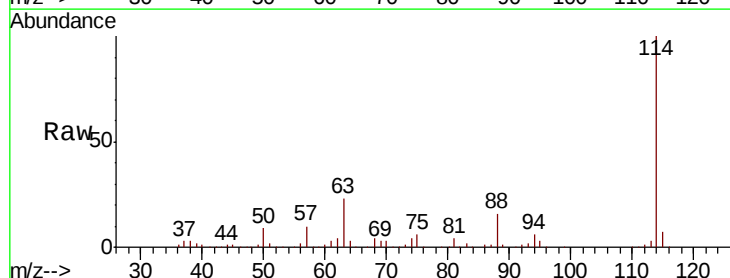
Instrument :
 MSVOA_N
 ClientSampled :

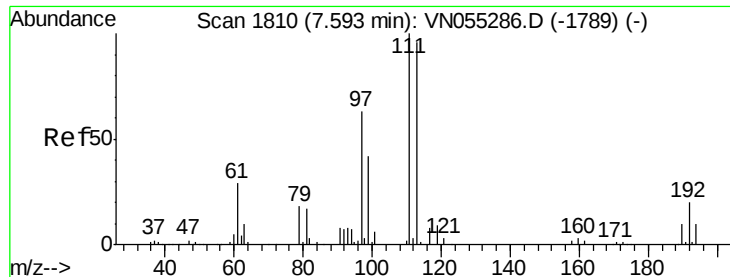
Tot Ion: 65 Resp: 251816
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

Tgt Ion: 114 Resp: 611086
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 45.2
 88 15.9 0.0 31.6

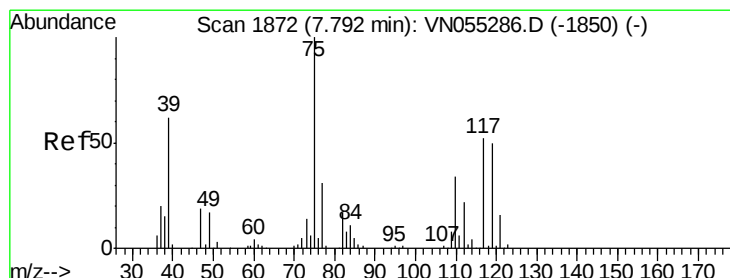
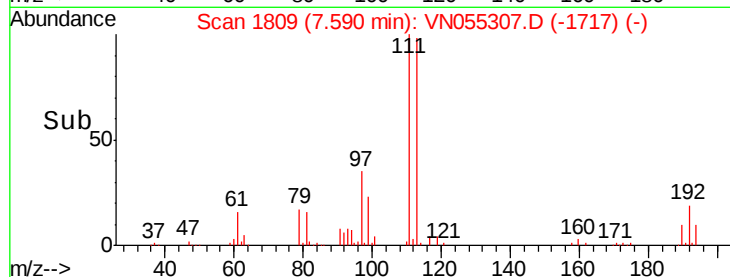
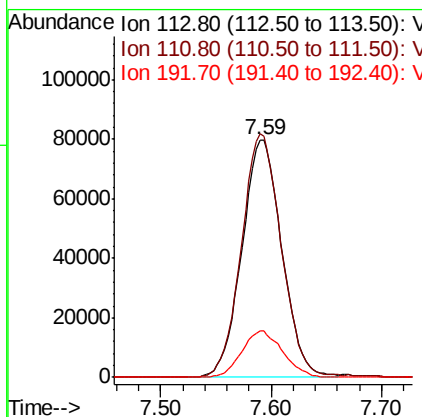
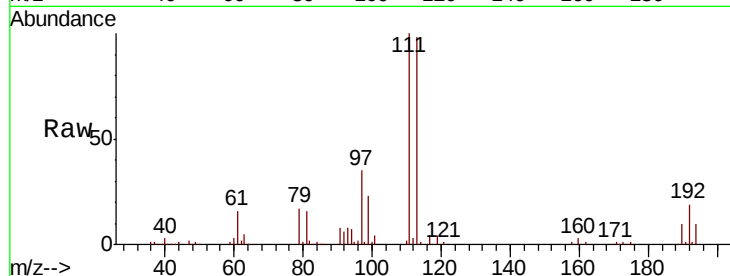




#35
 Dibromofluoromethane
 Concen: 49.853 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

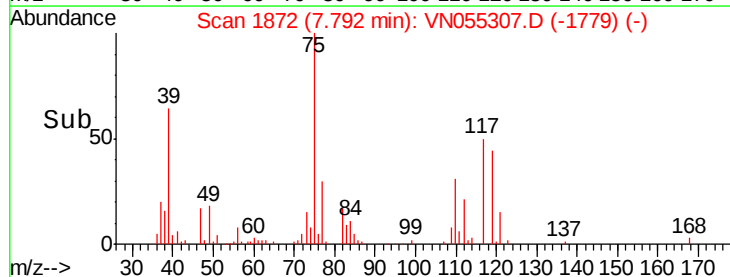
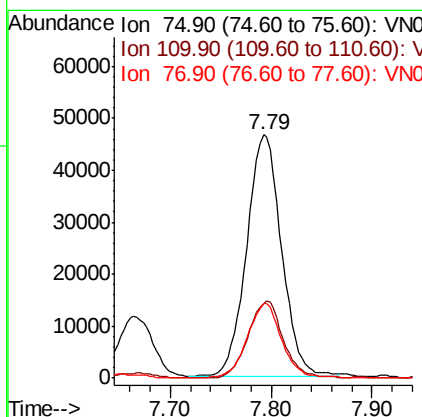
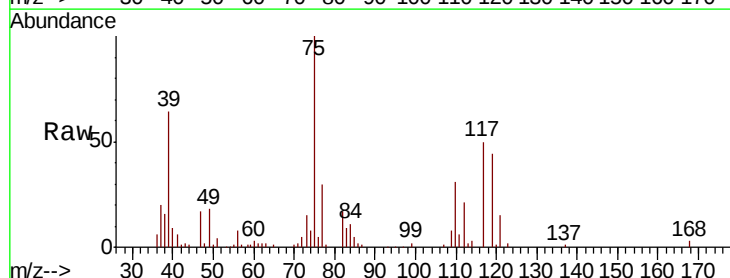
Instrument :
 MSVOA_N
 ClientSampleId :

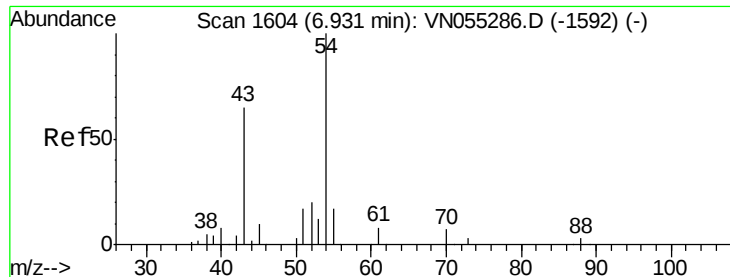
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.3	123.5
192	20.1	17.0	25.6



#36
 1,1-Dichloropropene
 Concen: 19.141 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.1	16.8	50.4
77	30.6	25.0	37.6

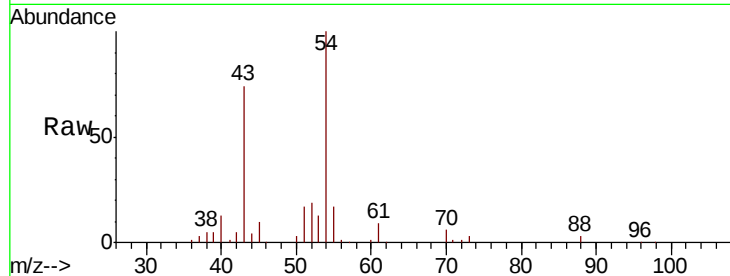




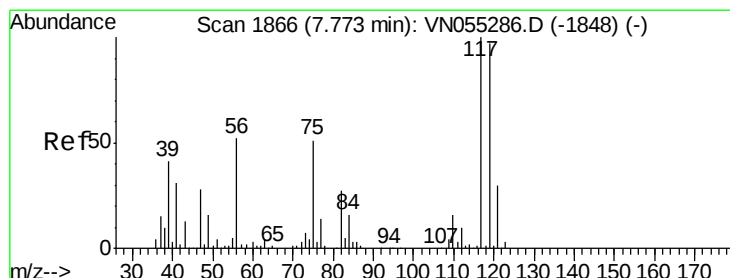
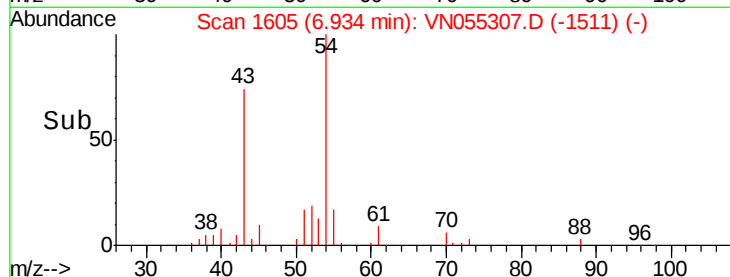
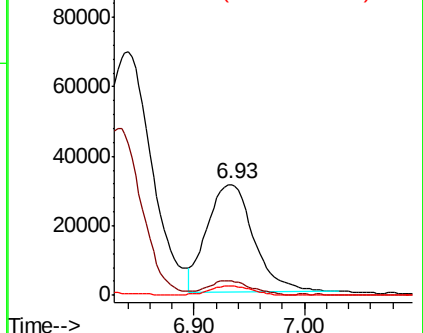
#37
Ethyl Acetate
Concen: 20.536 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 92126
Ion Ratio Lower Upper
43 100
61 11.6 10.4 15.6
70 8.1 6.6 10.0

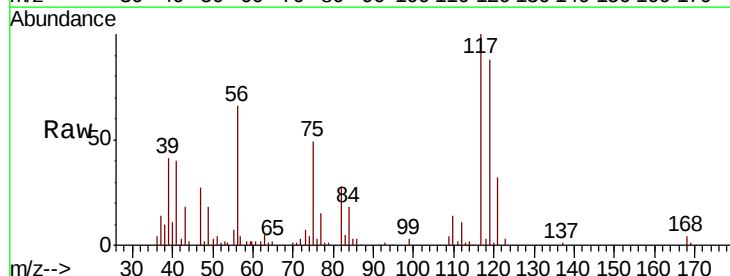


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

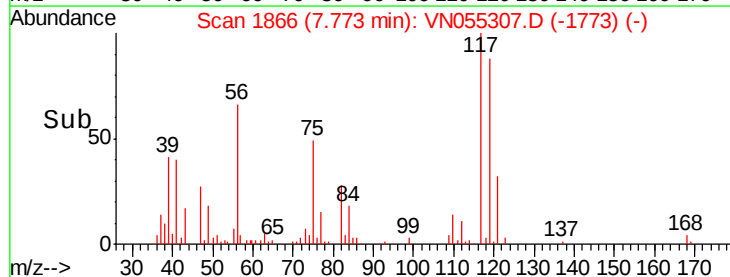
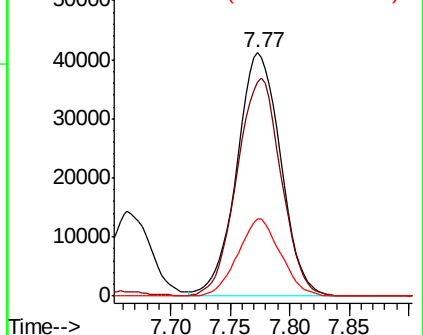


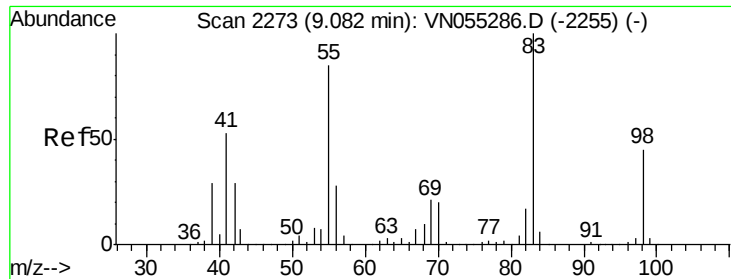
#38
Carbon Tetrachloride
Concen: 18.619 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion: 117 Resp: 105131
Ion Ratio Lower Upper
117 100
119 88.0 77.0 115.6
121 31.8 23.8 35.8



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

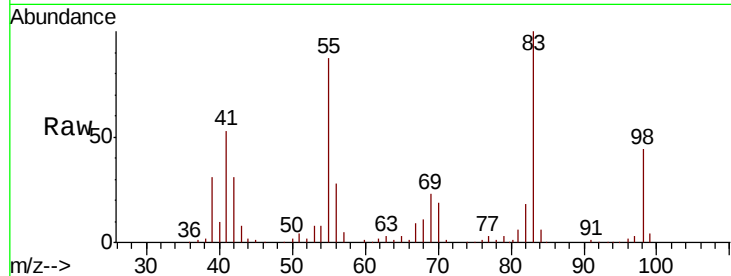




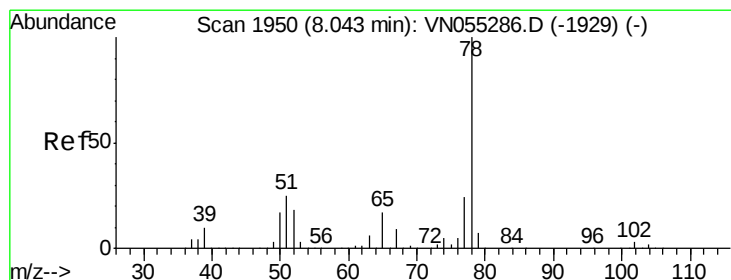
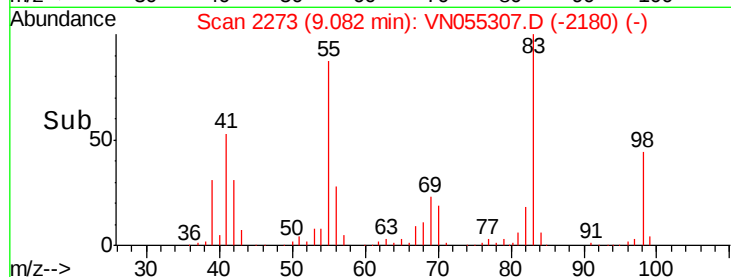
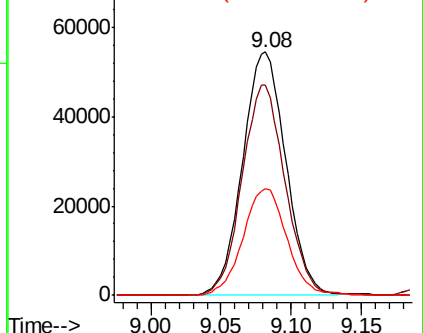
#39
Methvlcvclohexane
Concen: 18.778 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 116863
Ion Ratio Lower Upper
83 100
55 86.5 67.8 101.6
98 43.8 36.2 54.4

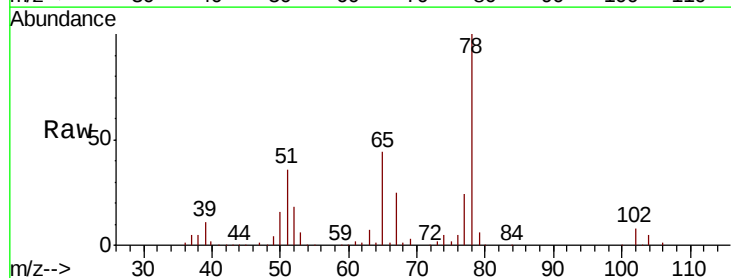


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

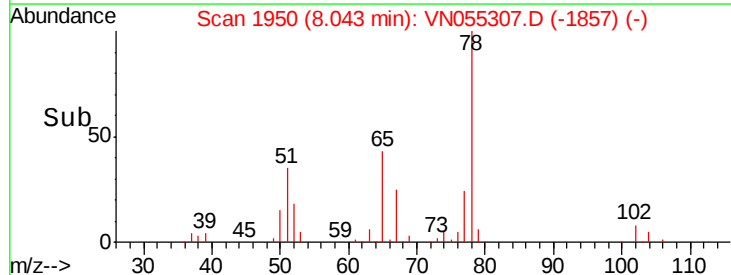
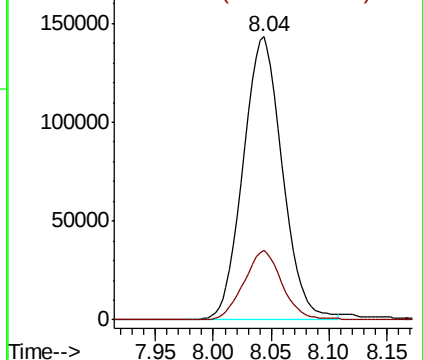


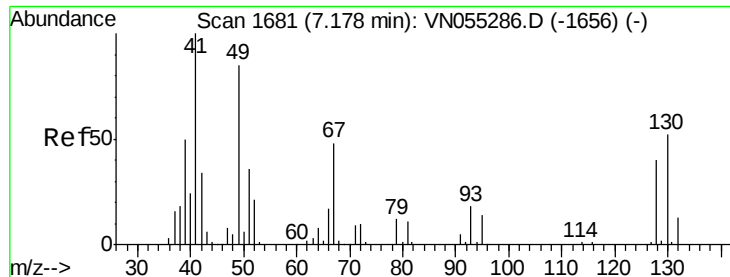
#40
Benzene
Concen: 19.627 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion: 78 Resp: 338657
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6



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

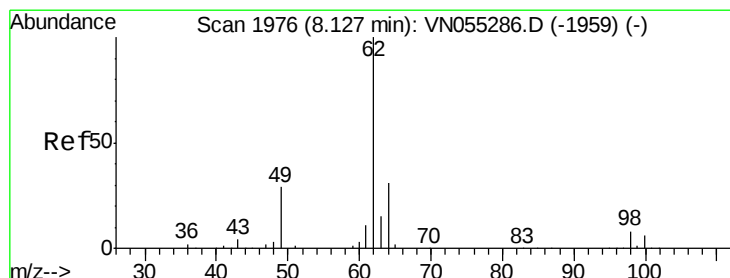
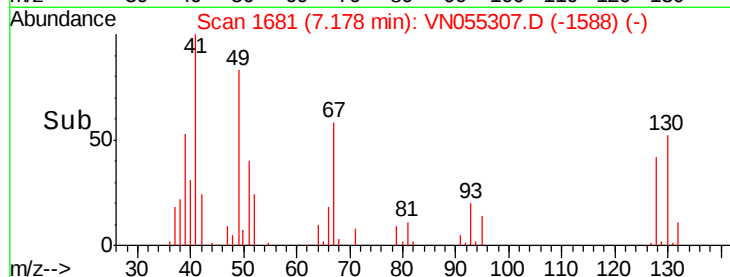
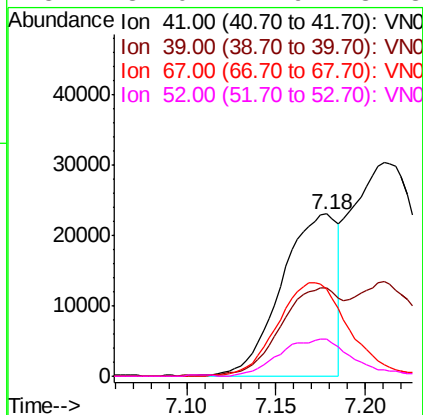
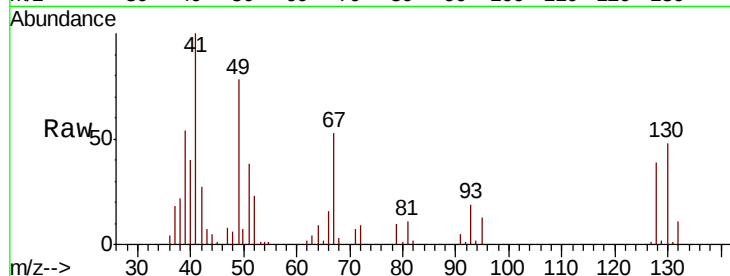




#41
Methacrylonitrile
Concen: 21.035 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

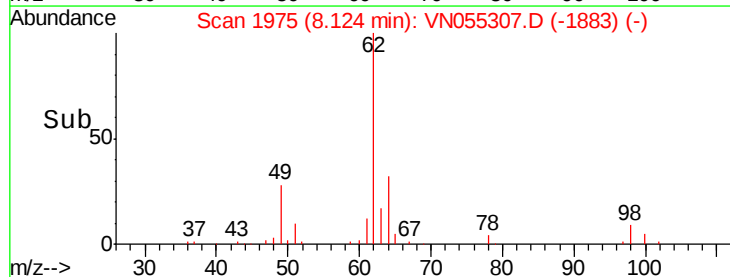
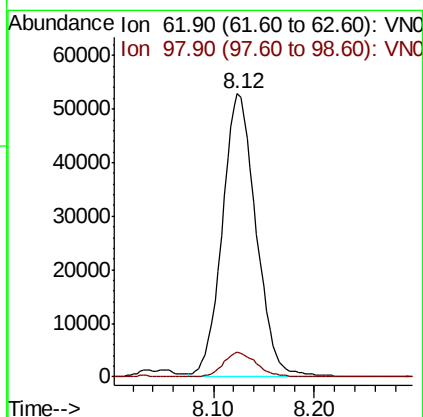
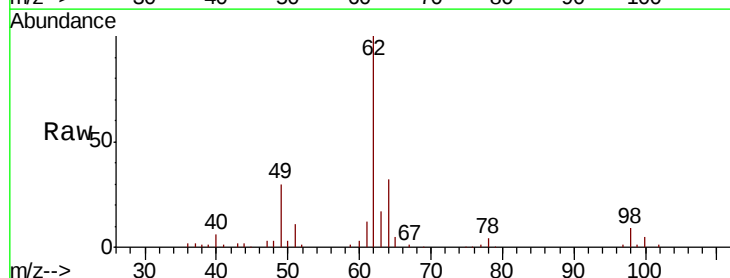
Instrument :
MSVOA_N
ClientSampled :

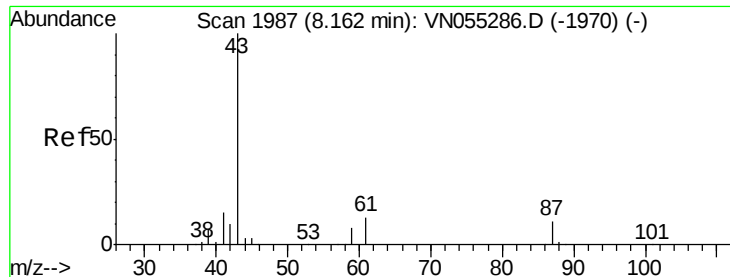
Tot Ion:	41	Resp:	50014
Ion	Ratio	Lower	Upper
41	100		
39	56.6	48.5	72.7
67	73.8	54.9	82.3
52	31.0	24.9	37.3



#42
1,2-Dichloroethane
Concen: 19.976 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion:	62	Resp:	122079
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.4





#43

Isopropyl Acetate

Concen: 22.854 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

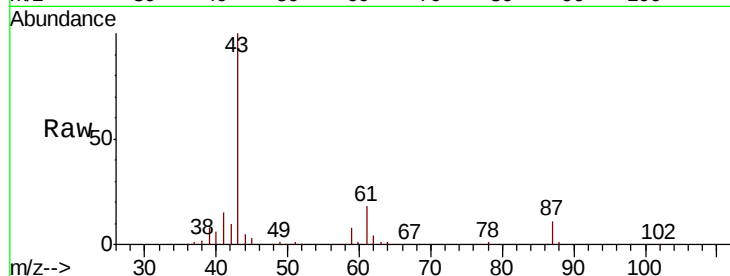
Tot Ion: 43 Resp: 164760

Ion Ratio Lower Upper

43 100

61 15.7 20.8 31.2#

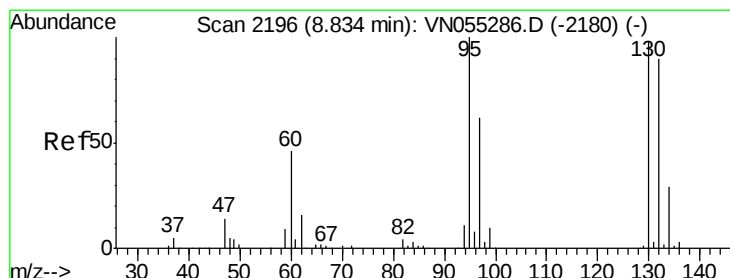
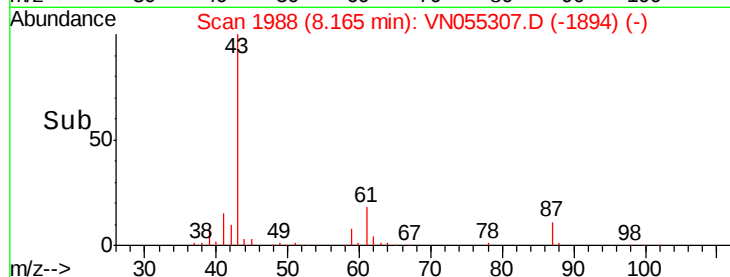
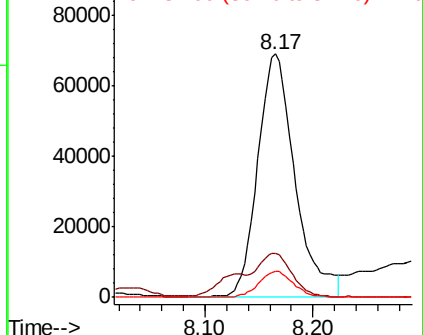
87 9.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VN055286.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055286.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055286.D (-1970) (-)



#44

Trichloroethene

Concen: 19.514 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN055307.D

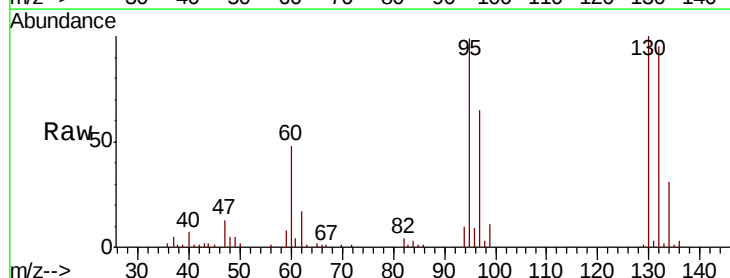
Acq: 30 Apr 2019 14:45

Tgt Ion:130 Resp: 85836

Ion Ratio Lower Upper

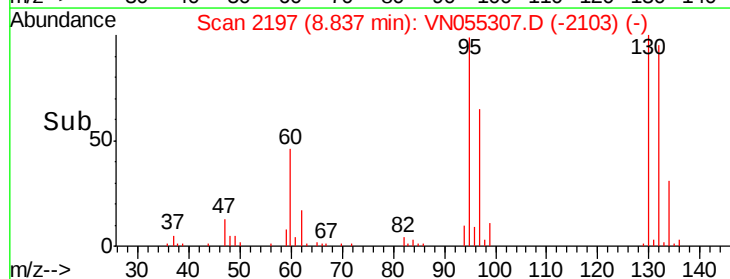
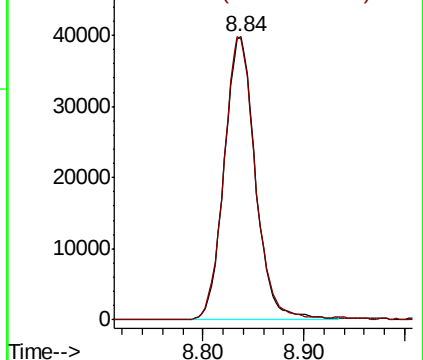
130 100

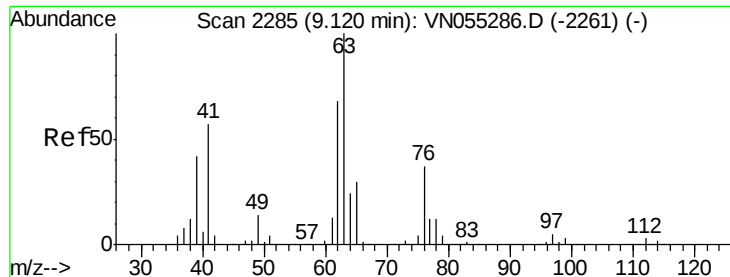
95 99.2 0.0 203.4



Abundance Ion 129.80 (129.50 to 130.50): VN055286.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055286.D (-2180) (-)





#45

1,2-Dichloropropane

Concen: 19.370 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

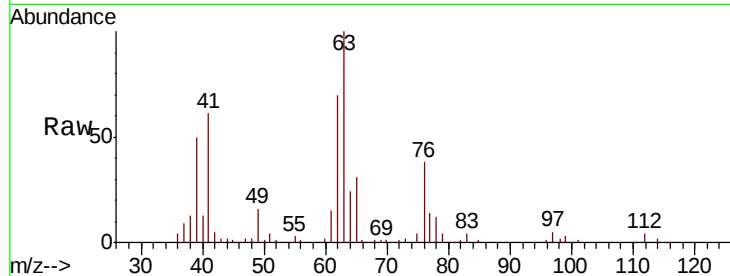
ClientSampled :

Tot Ion: 63 Resp: 96396

Ion Ratio Lower Upper

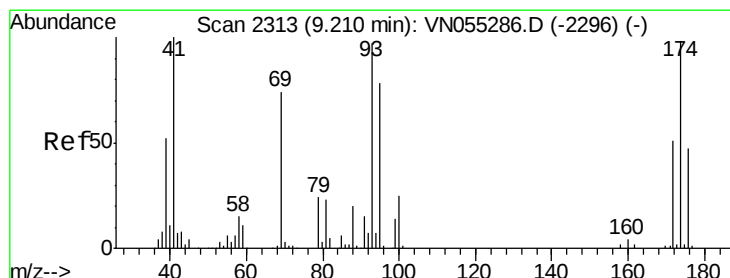
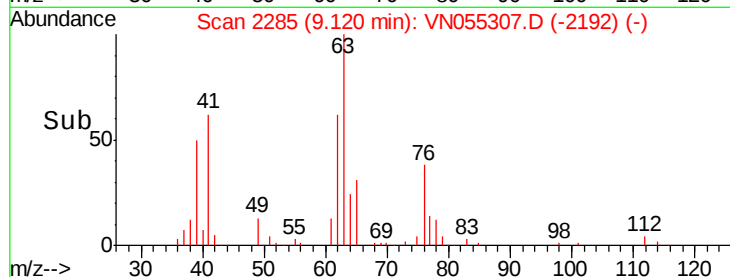
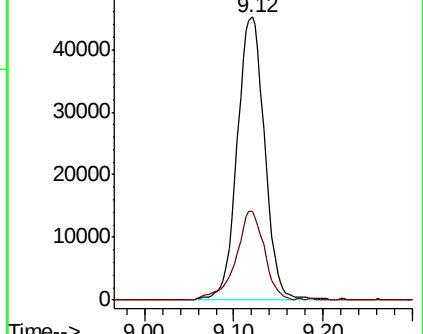
63 100

65 31.4 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 20.275 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

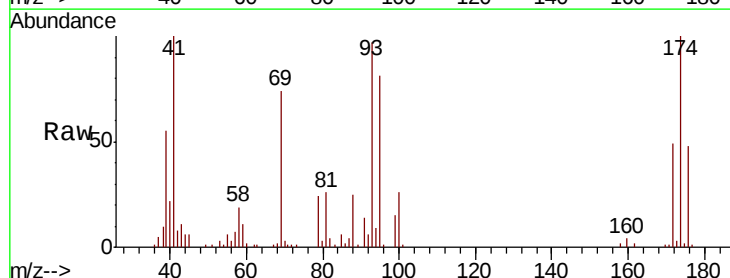
Tgt Ion: 93 Resp: 55154

Ion Ratio Lower Upper

93 100

95 83.4 65.7 98.5

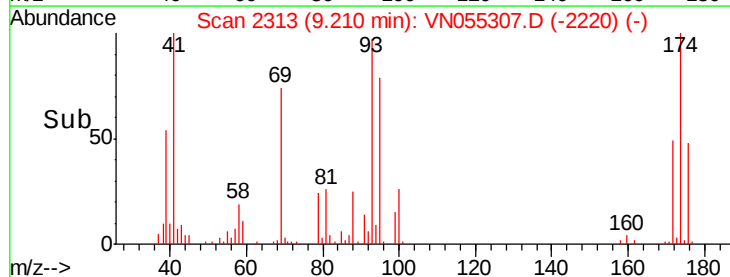
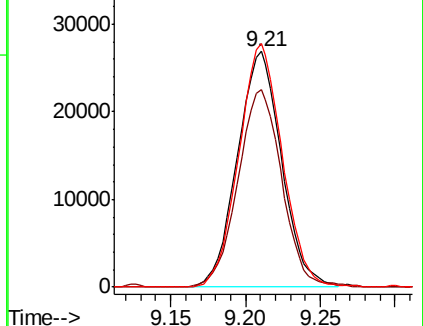
174 101.7 81.5 122.3



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.755 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

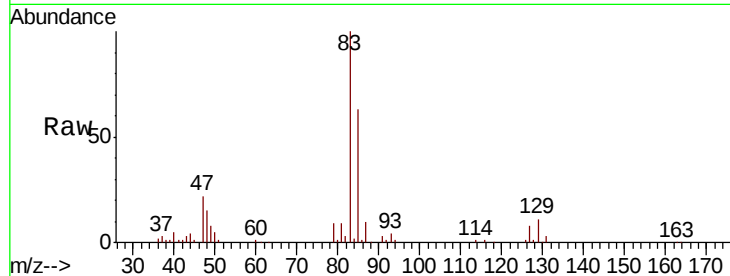
Tot Ion: 83 Resp: 115287

Ion Ratio Lower Upper

83 100

85 63.3 50.1 75.1

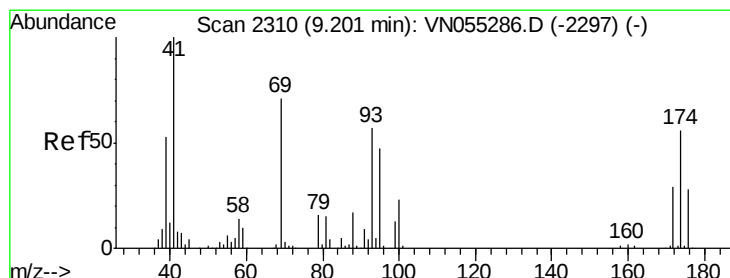
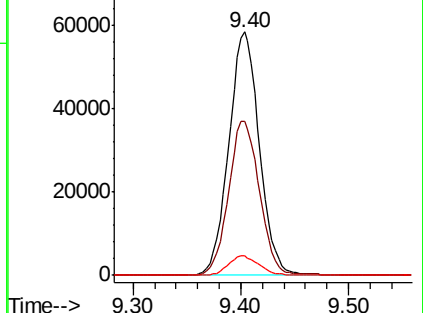
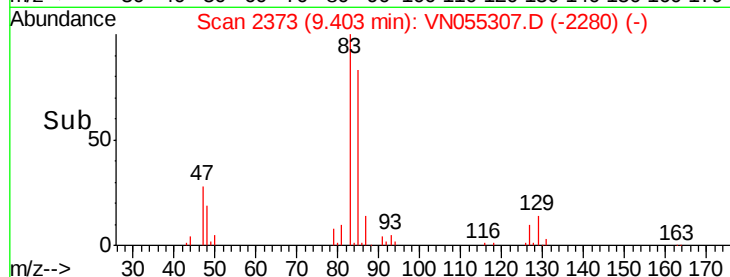
127 7.9 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN055307.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN055307.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN055307.D (-2280) (-)



#48

Methyl methacrylate

Concen: 20.599 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

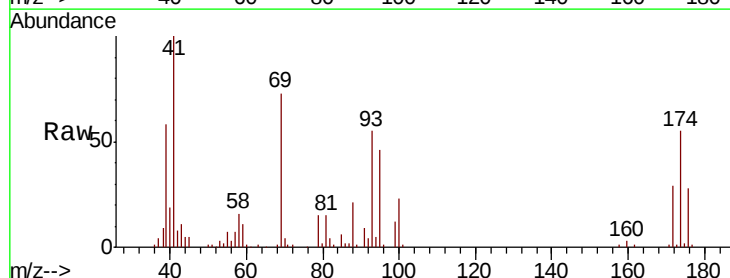
Tgt Ion: 41 Resp: 73005

Ion Ratio Lower Upper

41 100

69 74.5 58.6 87.8

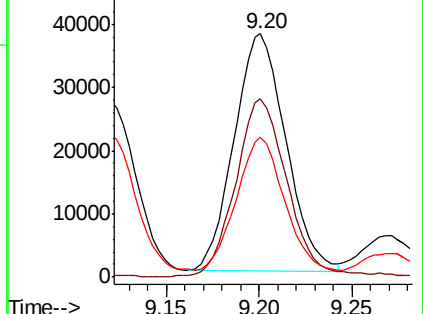
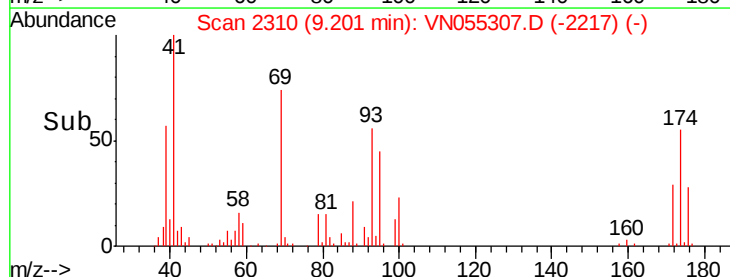
39 57.3 43.8 65.6

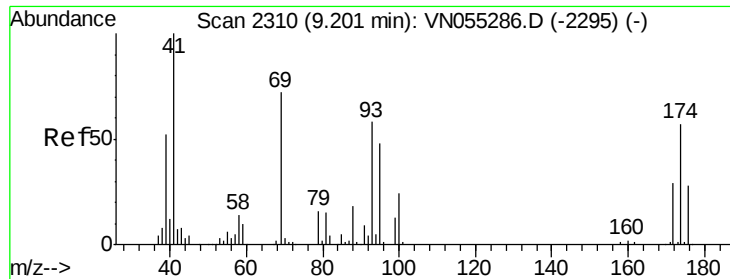


Abundance Ion 41.00 (40.70 to 41.70): VN055307.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN055307.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN055307.D (-2217) (-)





#49

1,4-Dioxane

Concen: 465.599 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :
MSVOA_N
ClientSampleId :

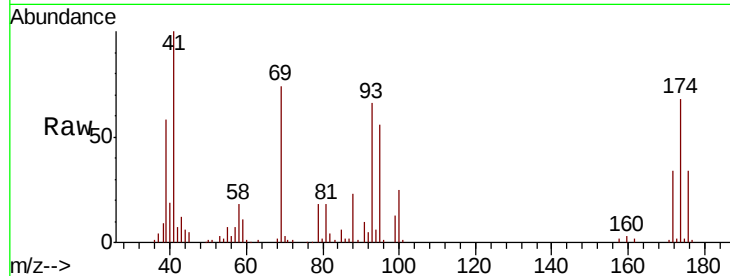
Tot Ion: 88 Resp: 17058

Ion Ratio Lower Upper

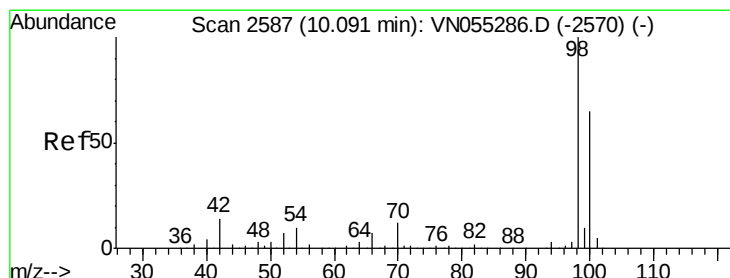
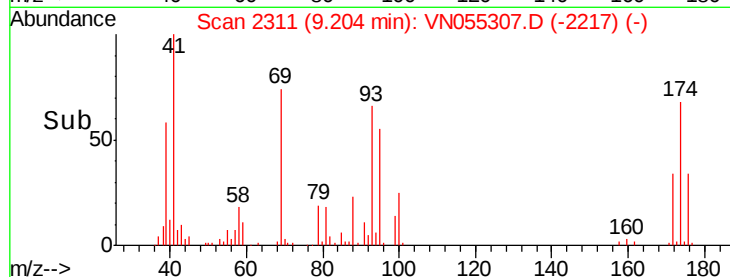
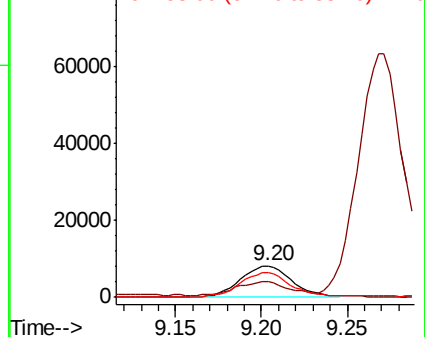
88 100

43 42.9 33.3 49.9

58 78.5 62.7 94.1



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



#50

Toluene-d8

Concen: 49.499 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055307.D

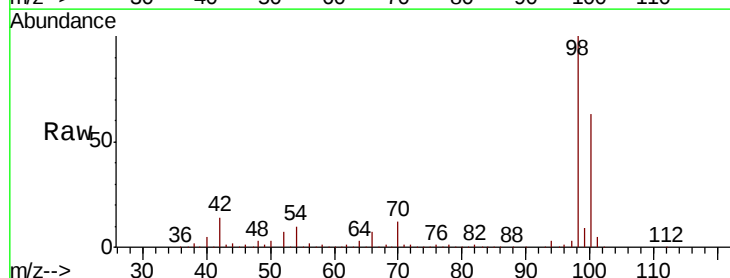
Acq: 30 Apr 2019 14:45

Tgt Ion: 98 Resp: 716895

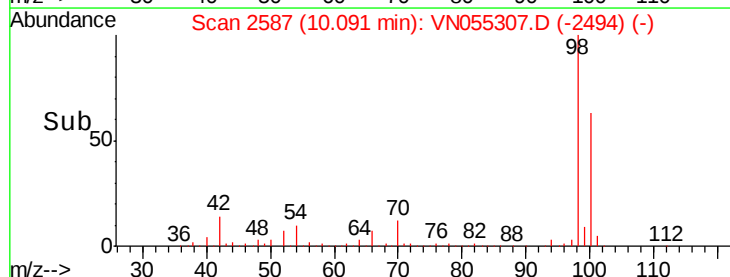
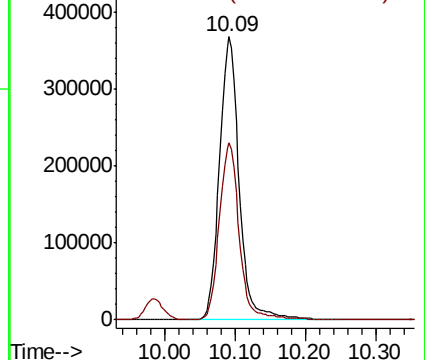
Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5



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





#51

4-Methyl-2-Pentanone

Concen: 108.963 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

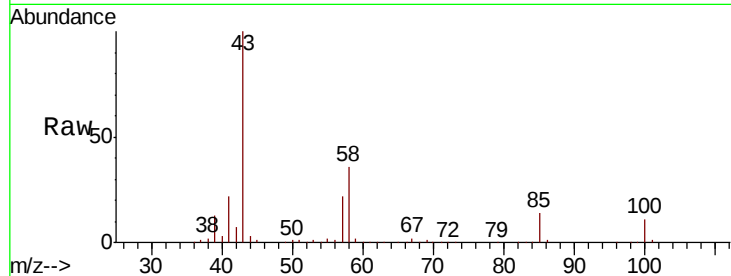
ClientSampled :

Tot Ion: 43 Resp: 442275

Ion Ratio Lower Upper

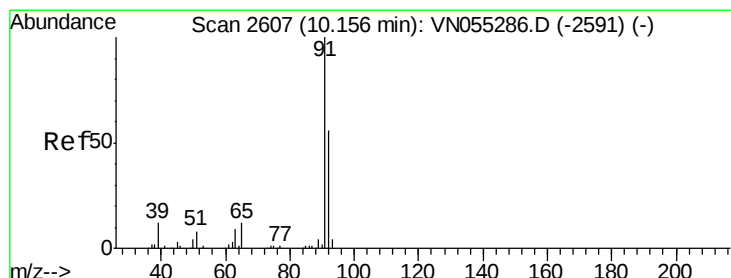
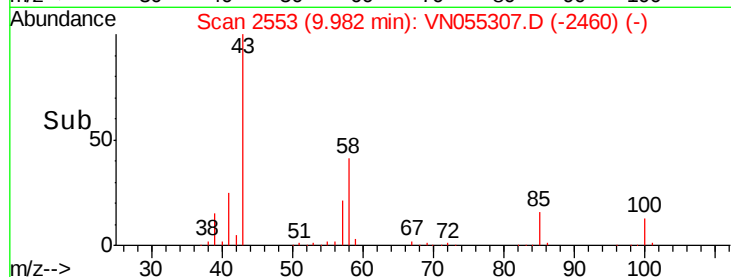
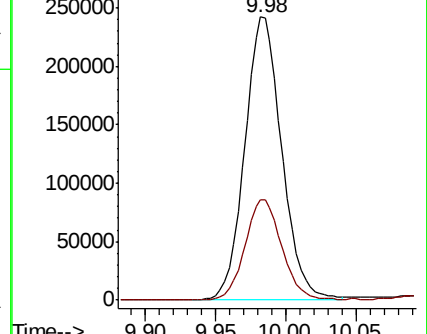
43 100

58 35.6 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 20.036 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN055307.D

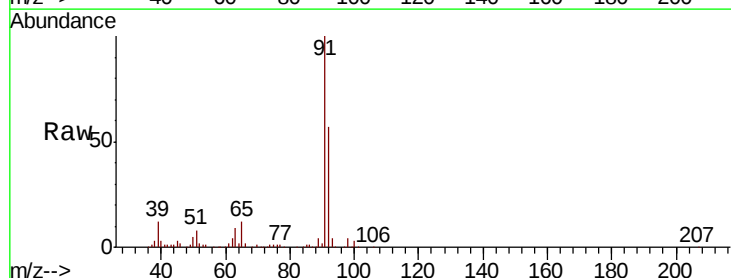
Acq: 30 Apr 2019 14:45

Tgt Ion: 92 Resp: 198366

Ion Ratio Lower Upper

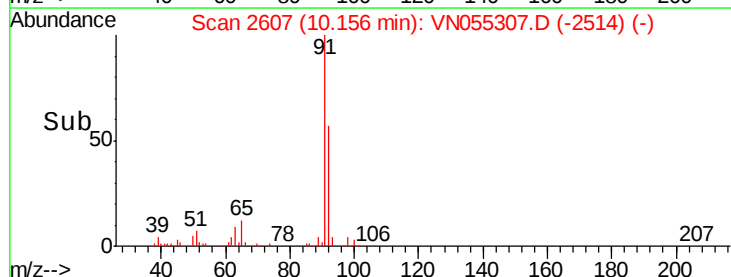
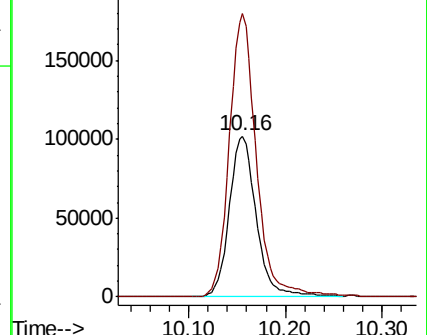
92 100

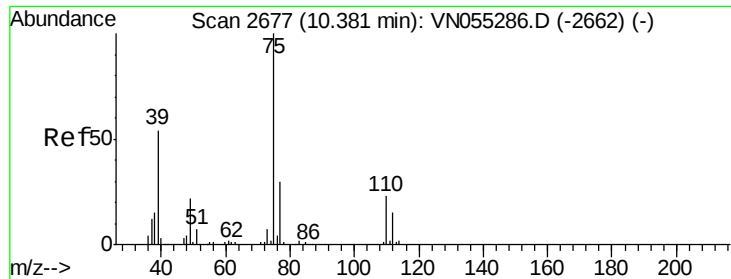
91 176.0 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 20.238 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

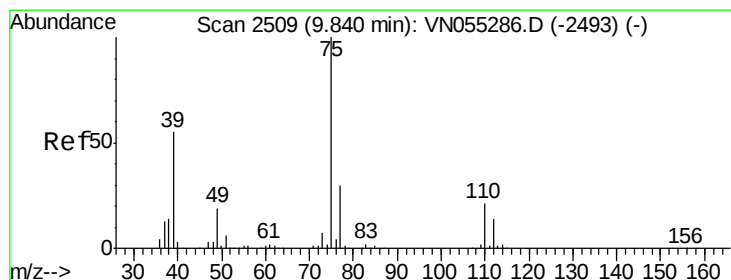
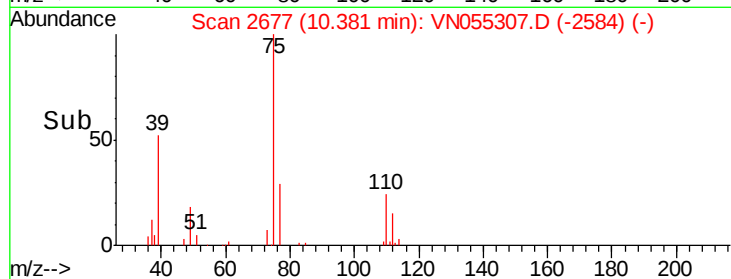
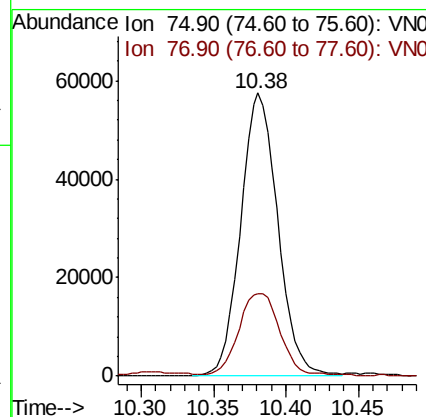
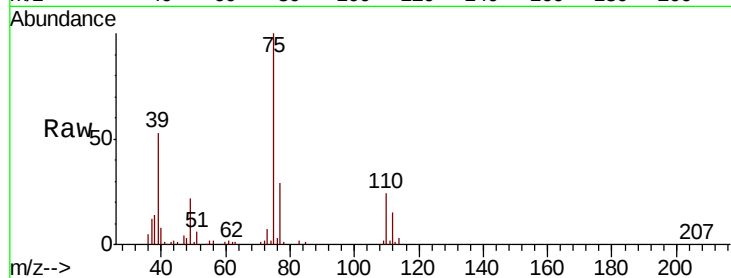
ClientSampleId :

Tot Ion: 75 Resp: 102529

Ion Ratio Lower Upper

75 100

77 28.5 24.4 36.6



#54

cis-1,3-Dichloropropene

Concen: 20.371 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

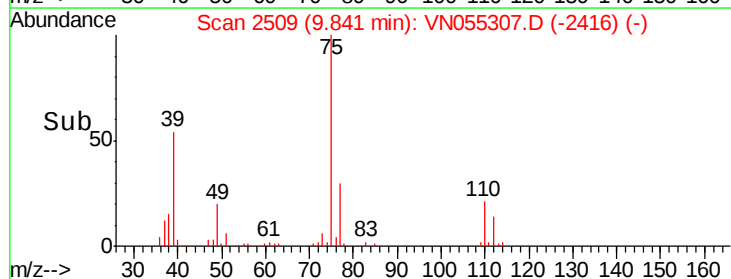
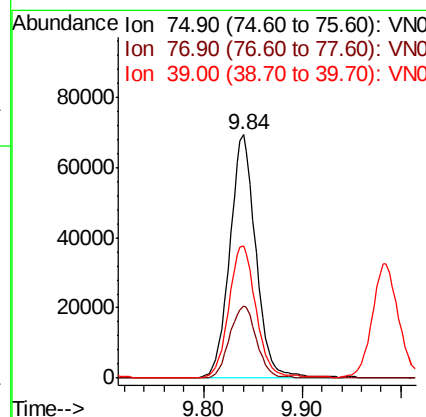
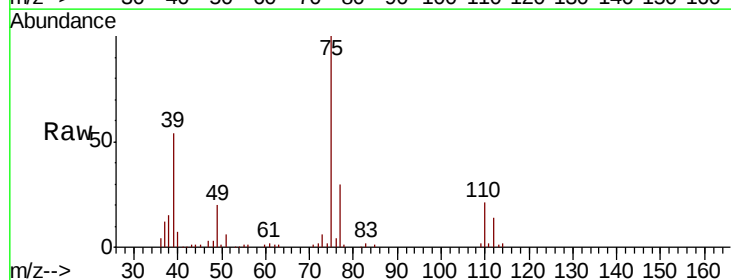
Tgt Ion: 75 Resp: 128672

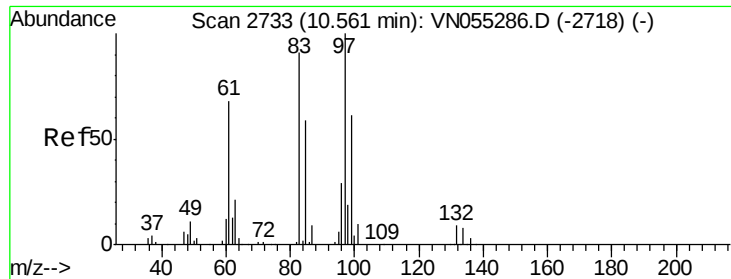
Ion Ratio Lower Upper

75 100

77 29.7 24.2 36.2

39 54.0 44.2 66.2



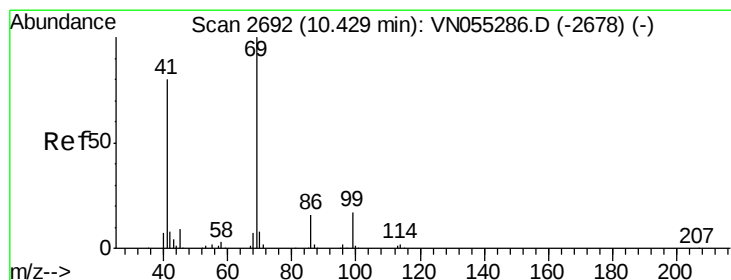
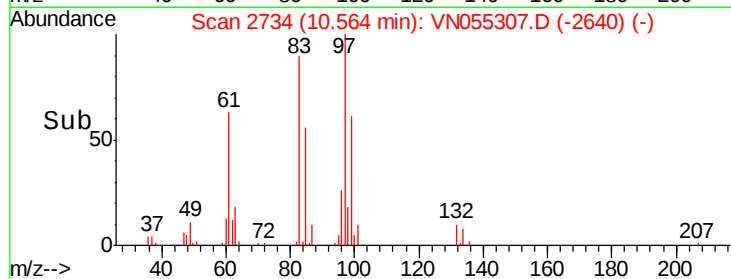
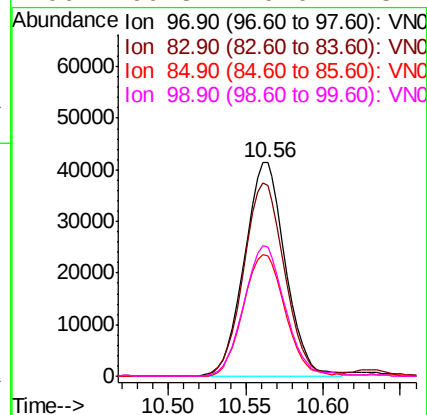
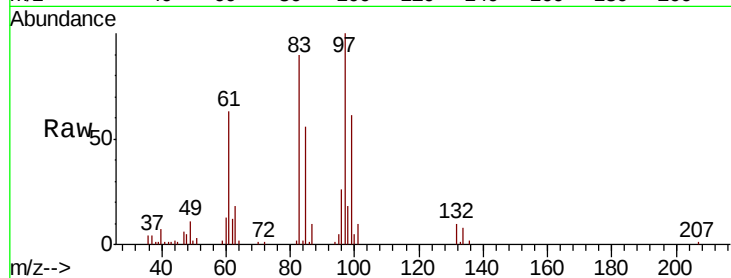


#55
 1,1,2-Trichloroethane
 Concen: 20.750 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 76287

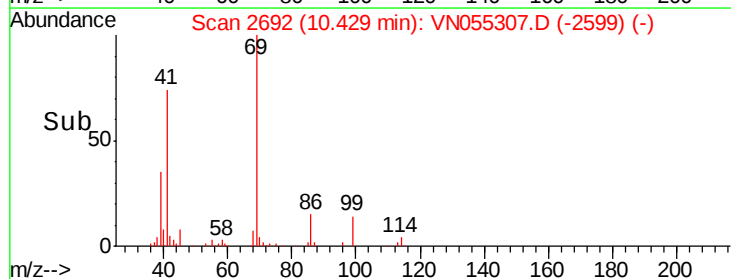
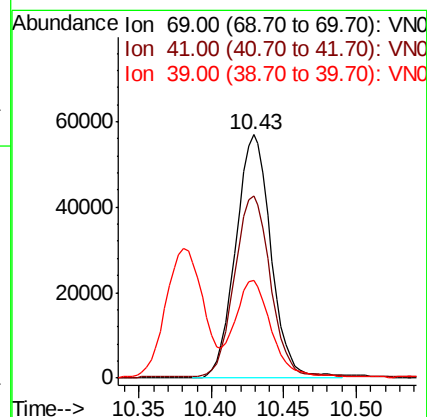
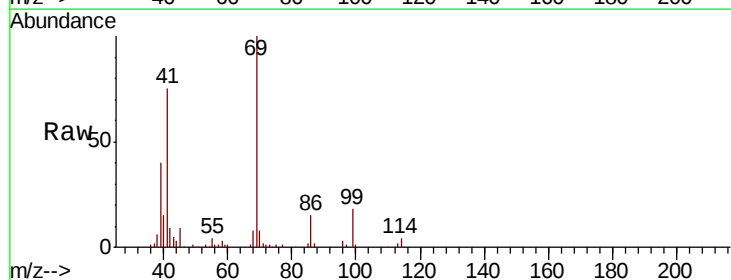
Ion	Ratio	Lower	Upper
97	100		
83	89.6	72.8	109.2
85	56.5	47.0	70.6
99	60.8	49.0	73.4

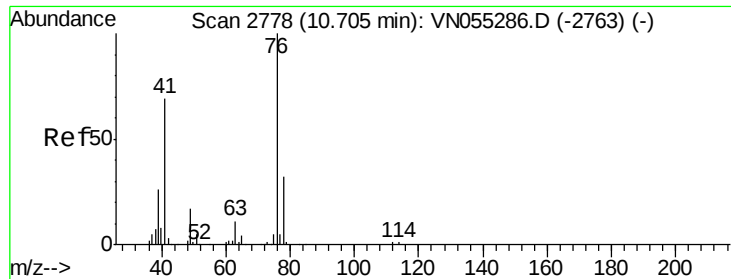


#56
 Ethyl methacrylate
 Concen: 21.314 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

Tgt Ion: 69 Resp: 96447

Ion	Ratio	Lower	Upper
69	100		
41	75.7	62.7	94.1
39	40.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 20.409 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

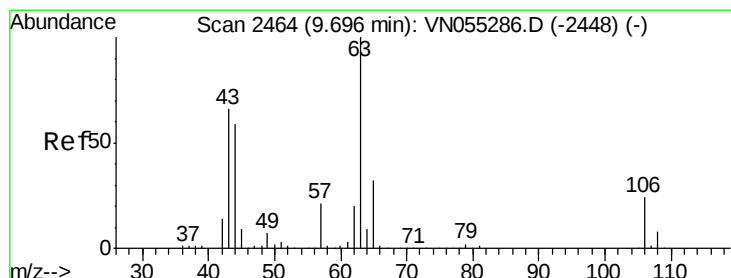
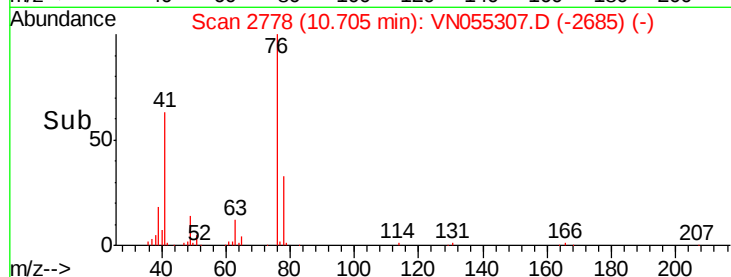
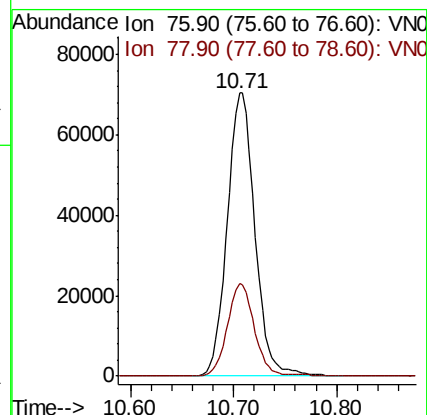
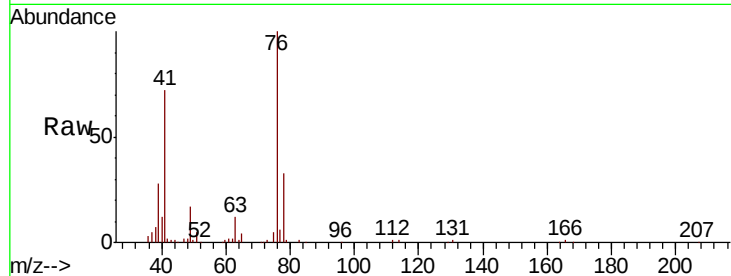
ClientSampled :

Tot Ion: 76 Resp: 131625

Ion Ratio Lower Upper

76 100

78 31.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 109.169 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN055307.D

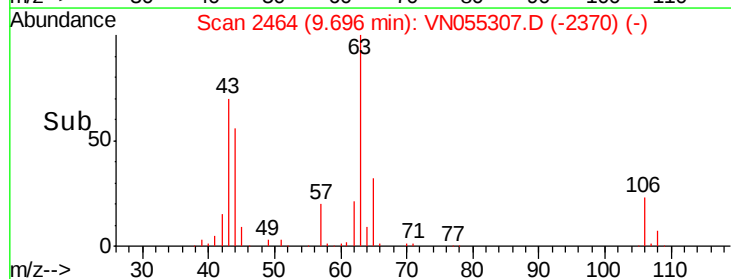
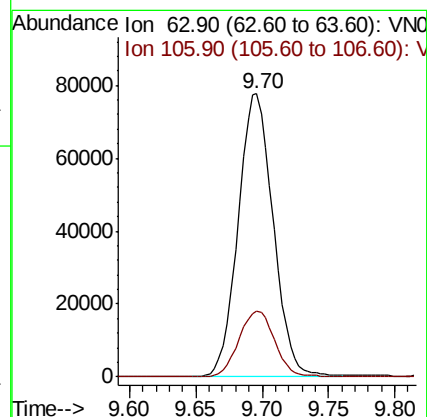
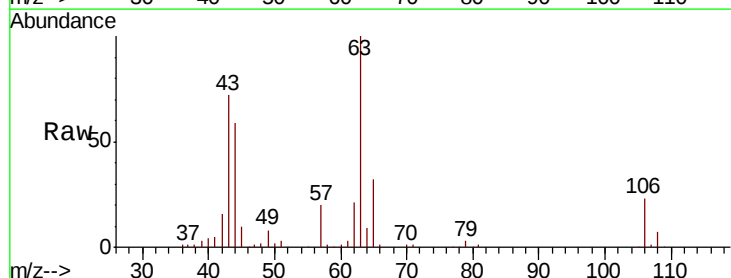
Acq: 30 Apr 2019 14:45

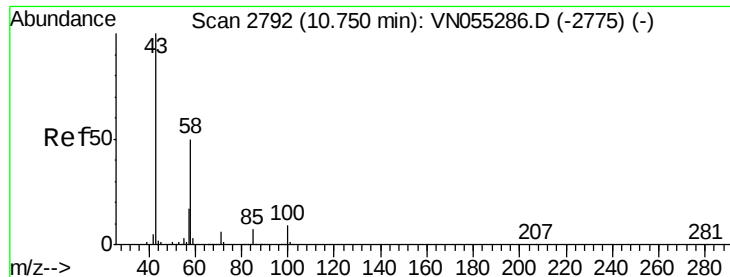
Tgt Ion: 63 Resp: 142986

Ion Ratio Lower Upper

63 100

106 23.7 19.0 28.4

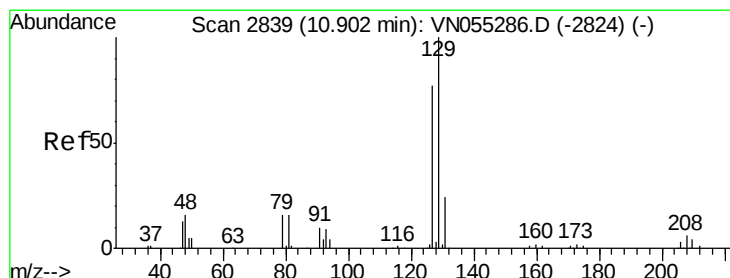
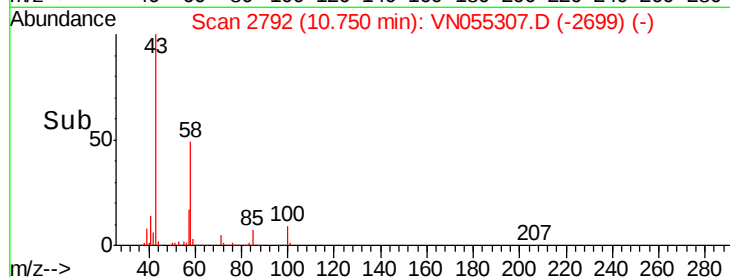
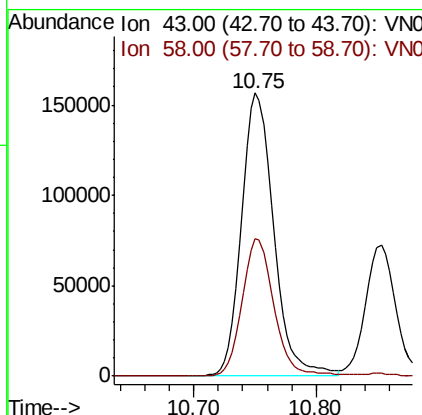
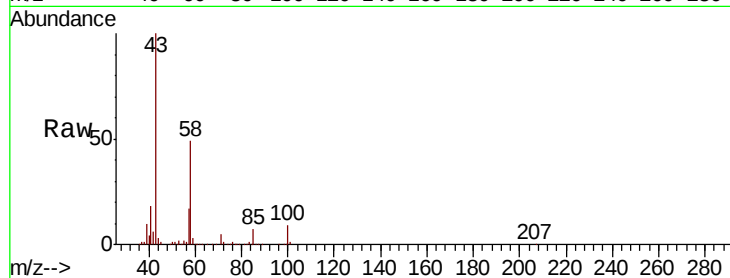




#59
2-Hexanone
Concen: 111.370 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

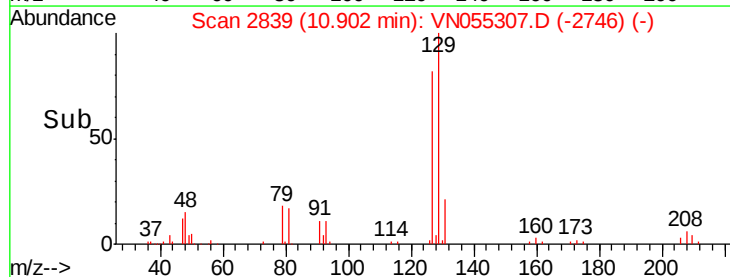
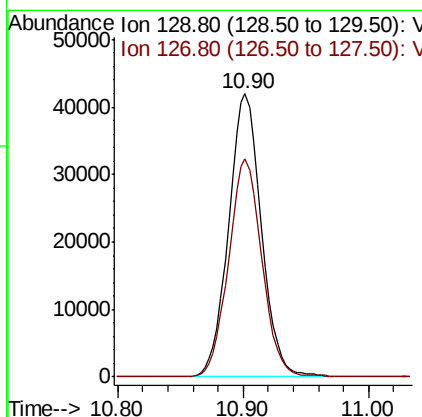
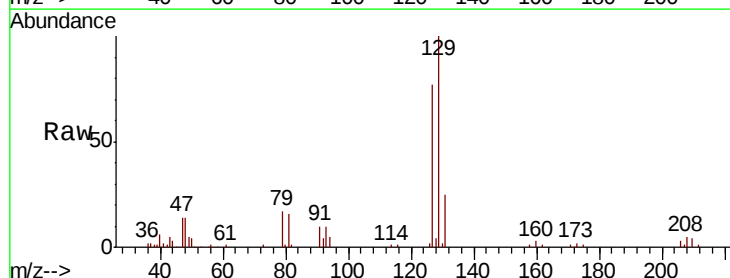
Instrument :
MSVOA_N
ClientSampleId :

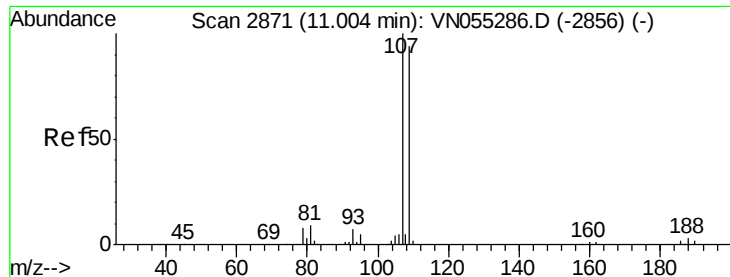
Tot Ion: 43 Resp: 282838
Ion Ratio Lower Upper
43 100
58 48.3 24.9 74.6



#60
Dibromochloromethane
Concen: 20.224 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion: 129 Resp: 75991
Ion Ratio Lower Upper
129 100
127 77.9 38.1 114.5





#61

1,2-Dibromoethane

Concen: 20.659 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

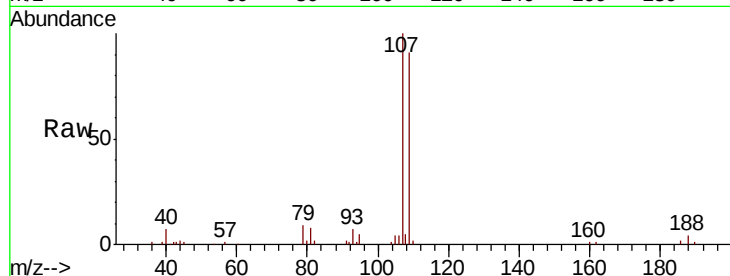
ClientSampleId :

Tot Ion:107 Resp: 70201

Ion Ratio Lower Upper

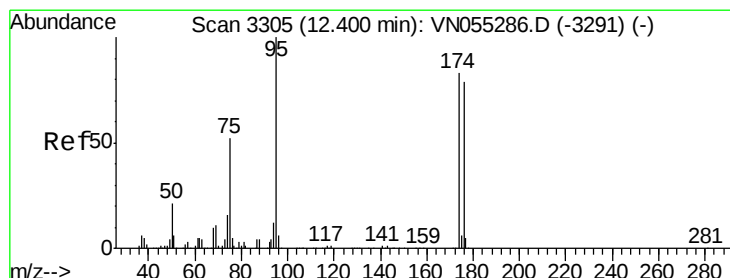
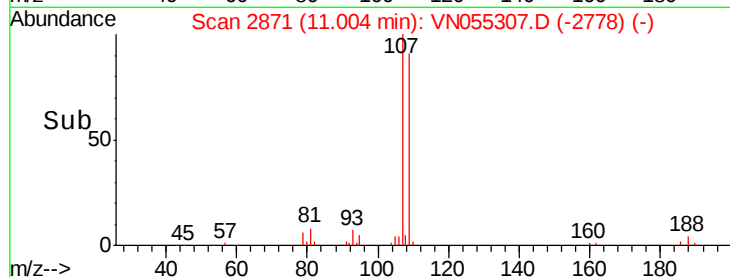
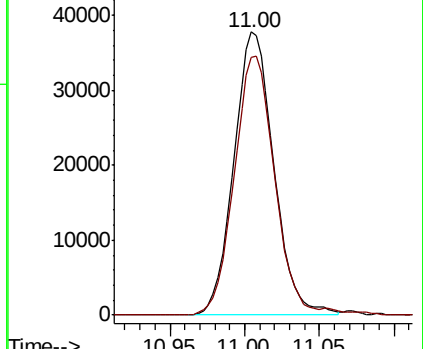
107 100

109 91.7 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.581 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

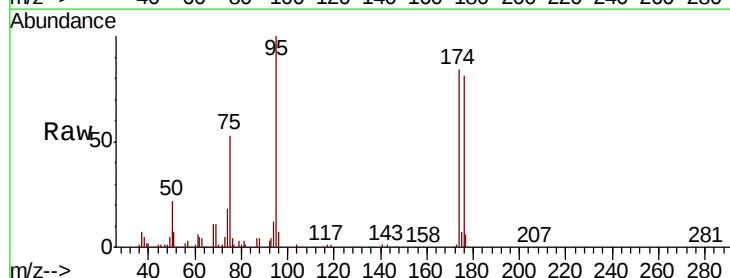
Tgt Ion: 95 Resp: 228954

Ion Ratio Lower Upper

95 100

174 83.2 0.0 166.6

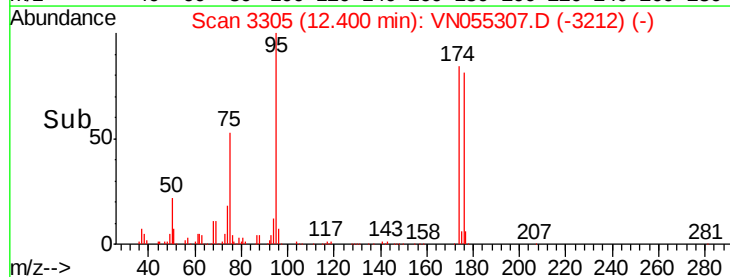
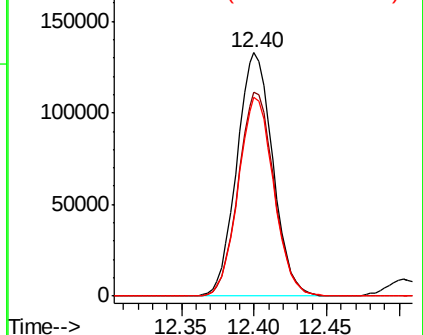
176 80.7 0.0 157.8

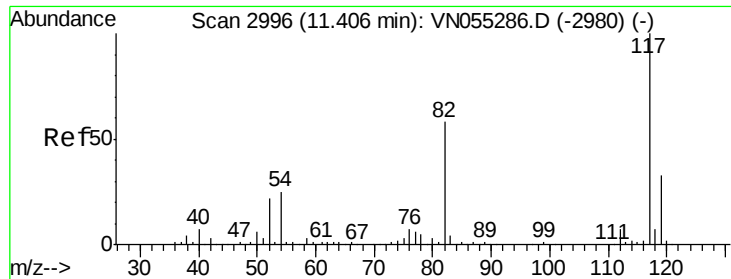


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

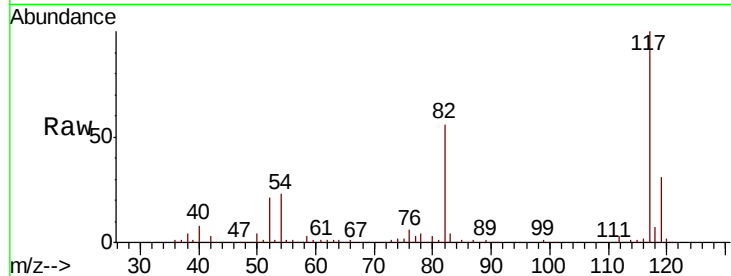




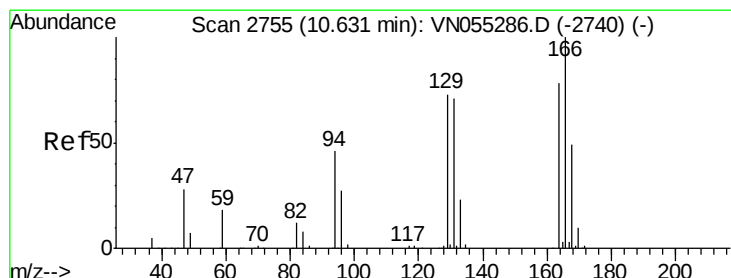
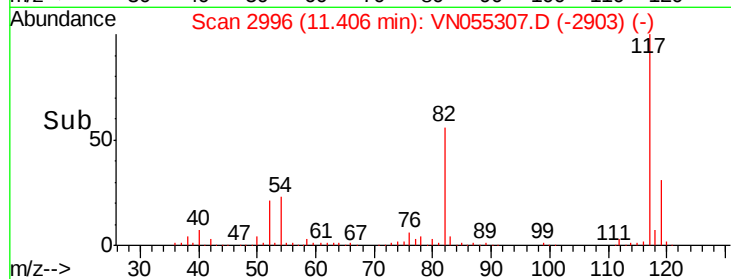
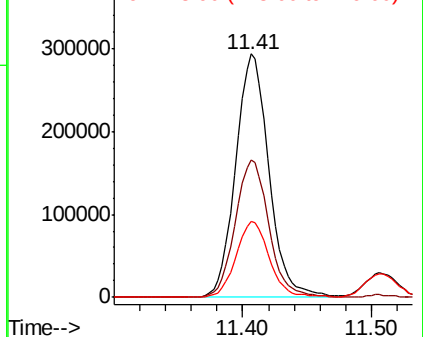
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 526962
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 31.1 26.6 40.0

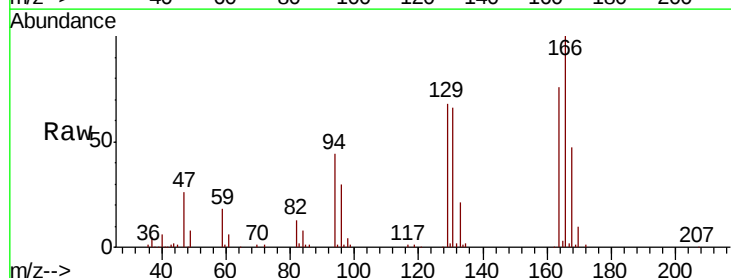


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

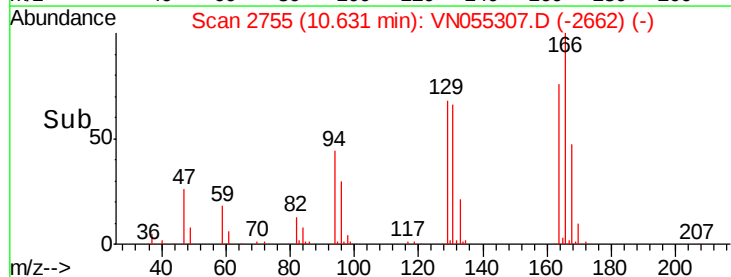
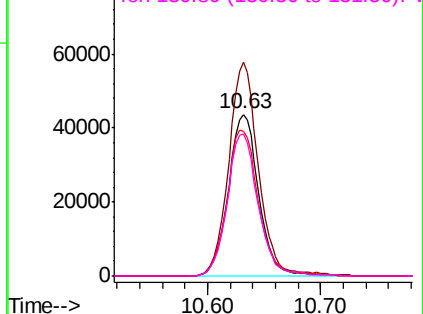


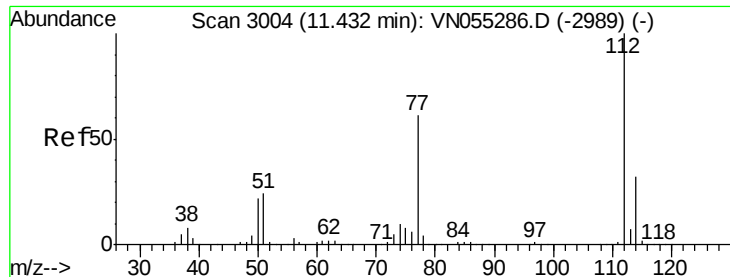
#64
Tetrachloroethene
Concen: 18.936 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion:164 Resp: 81601
Ion Ratio Lower Upper
164 100
166 131.9 102.3 153.5
129 89.5 75.0 112.6
131 87.6 72.7 109.1



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

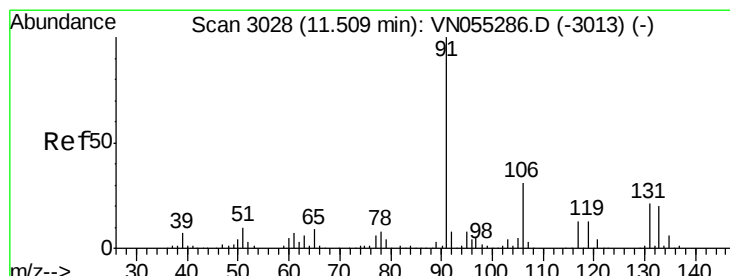
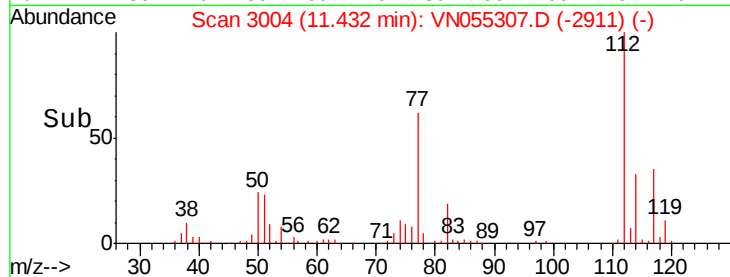
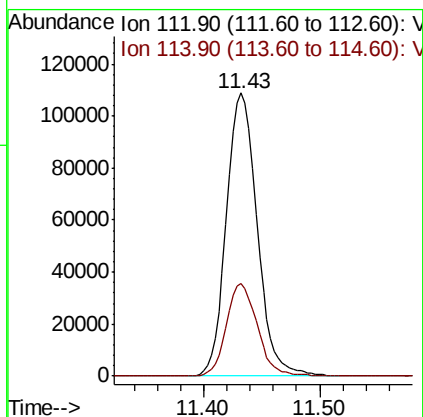
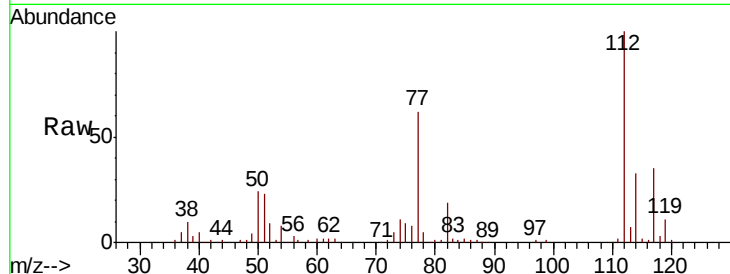




#65
Chlorobenzene
Concen: 19.403 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

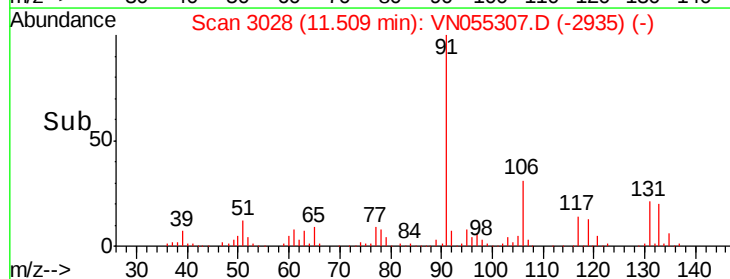
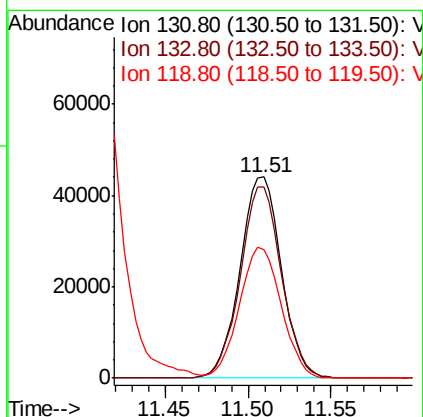
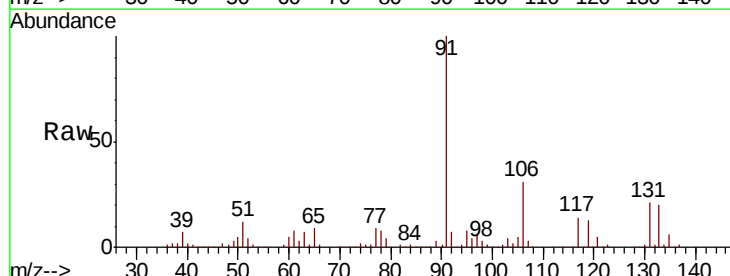
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:112 Resp: 199901
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 18.943 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion:131 Resp: 76420
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 66.0 32.7 98.1

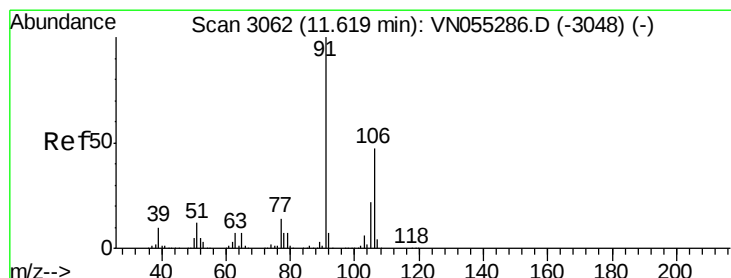
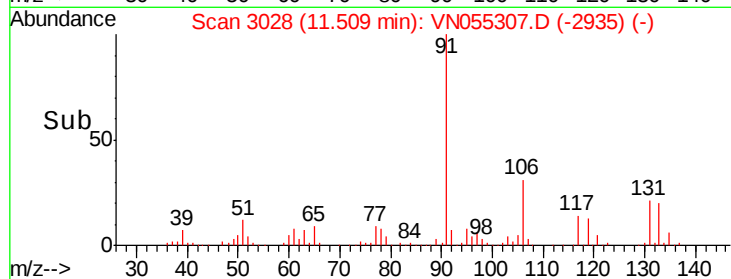
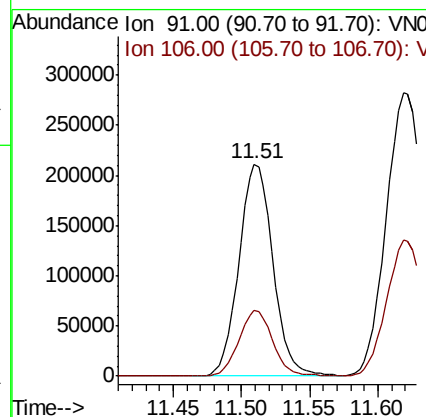
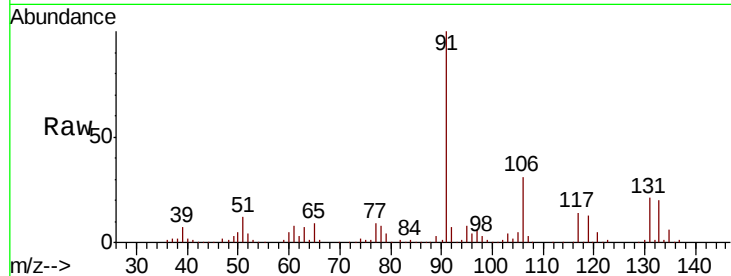




#67
Ethyl Benzene
Concen: 19.717 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

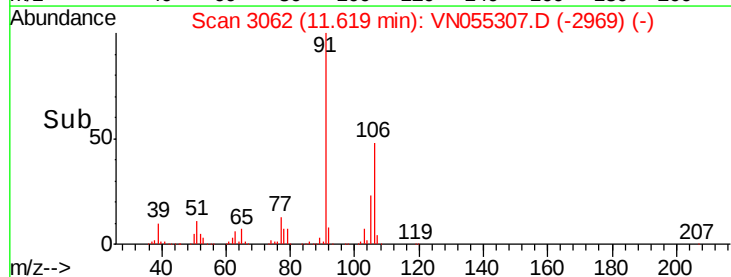
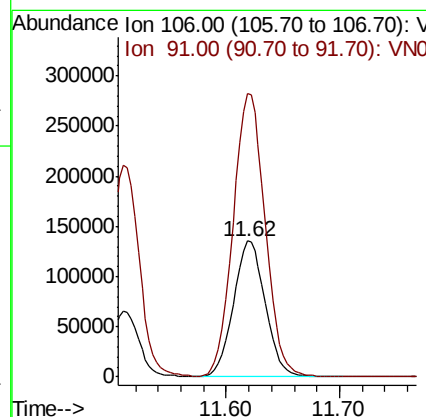
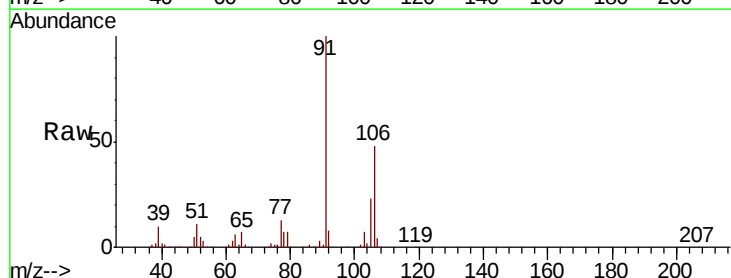
Instrument :
MSVOA_N
ClientSampleId :

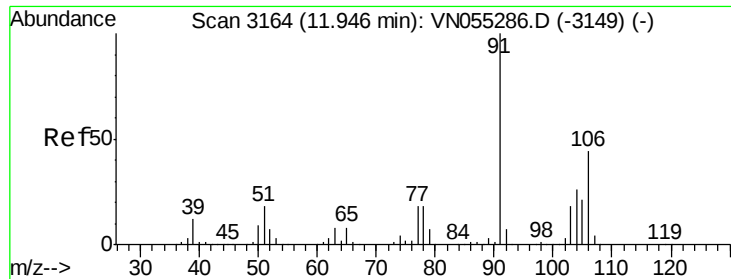
Tot Ion: 91 Resp: 366825
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 39.803 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion: 106 Resp: 264324
Ion Ratio Lower Upper
106 100
91 209.6 169.5 254.3

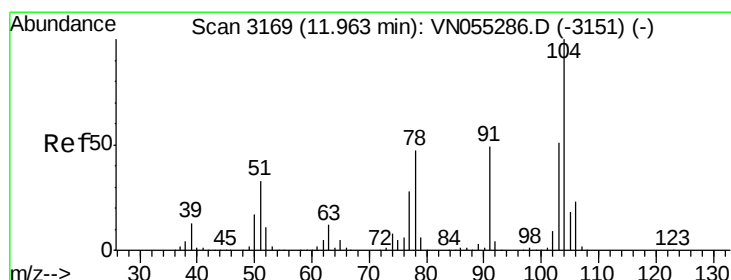
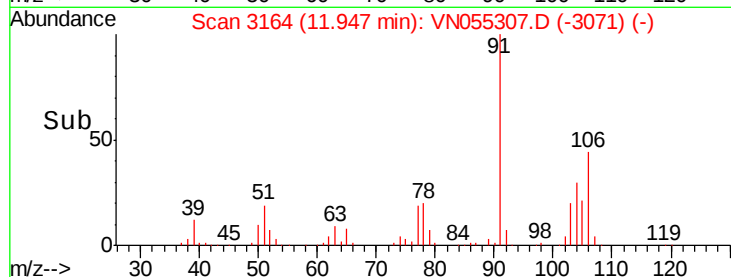
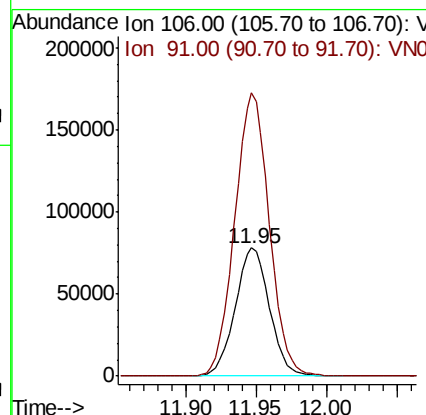
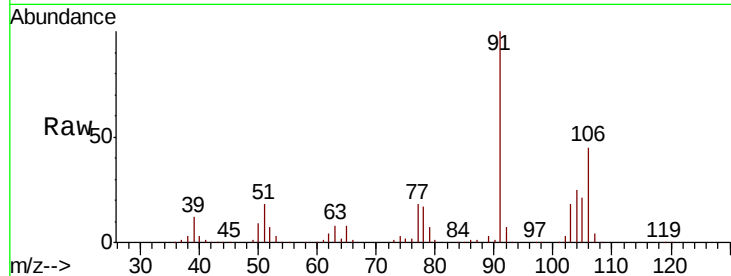




#69
o-Xylene
Concen: 20.150 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

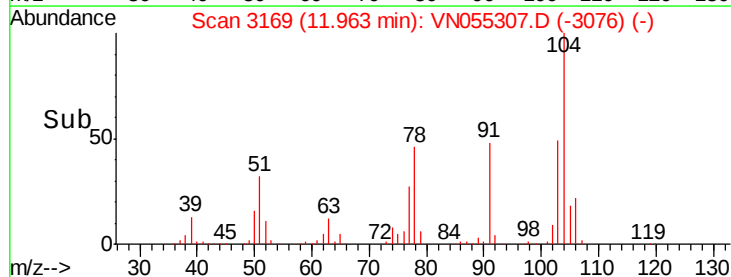
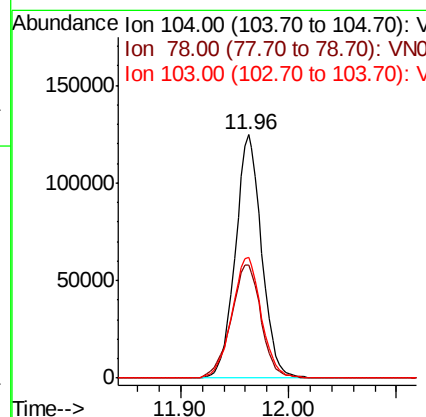
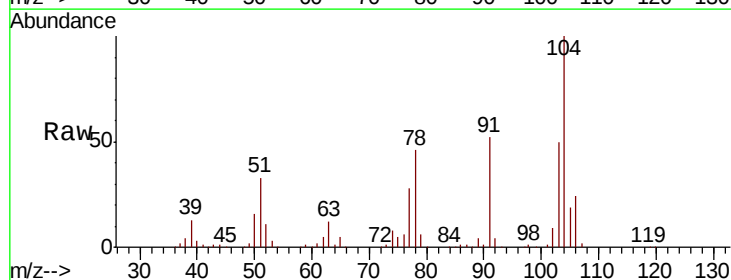
Instrument :
MSVOA_N
ClientSampled :

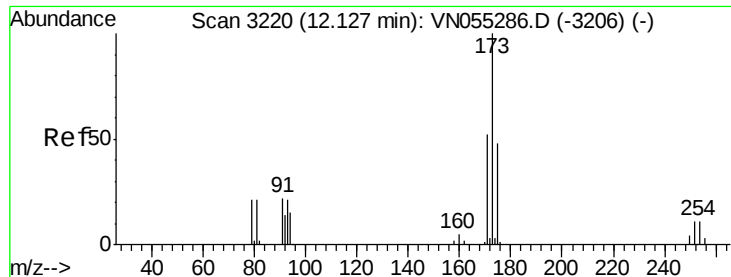
Tot Ion:106 Resp: 132634
Ion Ratio Lower Upper
106 100
91 223.1 111.5 334.5



#70
Styrene
Concen: 20.995 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion:104 Resp: 212180
Ion Ratio Lower Upper
104 100
78 52.9 42.2 63.2
103 55.5 44.6 67.0





#71

Bromoform

Concen: 20.914 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

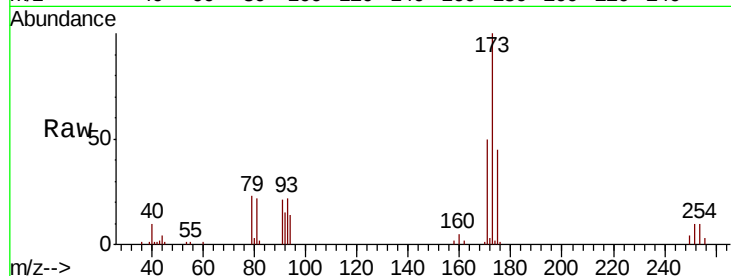
Tot Ion:173 Resp: 46818

Ion Ratio Lower Upper

173 100

175 46.8 23.6 71.0

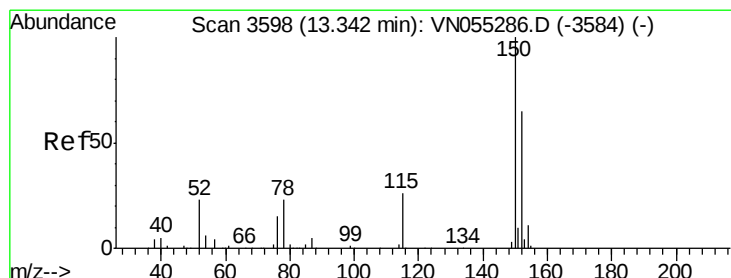
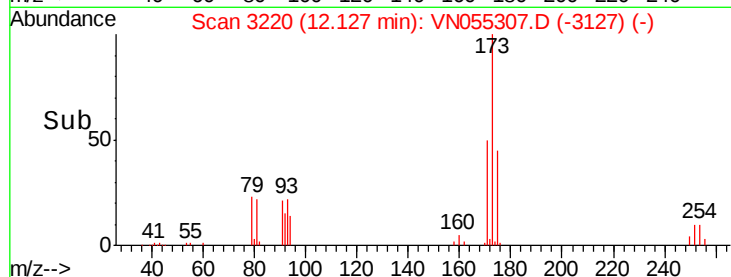
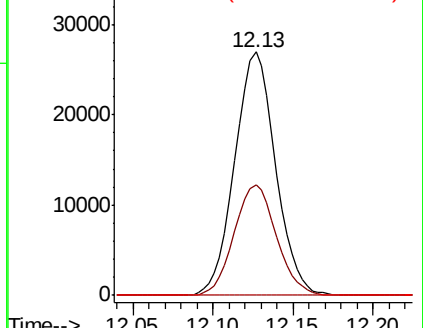
254 0.0 0.0 0.0



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: VN055307.D

Acq: 30 Apr 2019 14:45

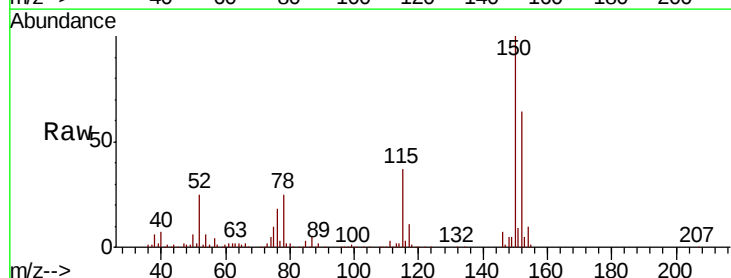
Tgt Ion:152 Resp: 198117

Ion Ratio Lower Upper

152 100

115 58.4 29.0 87.0

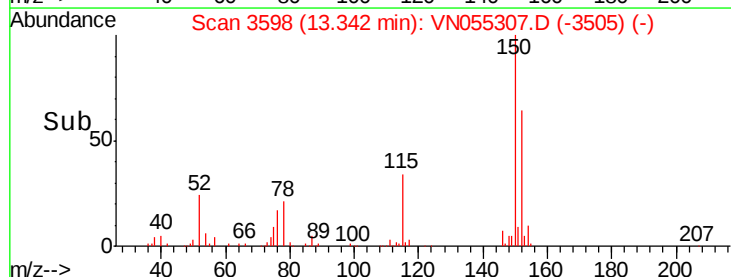
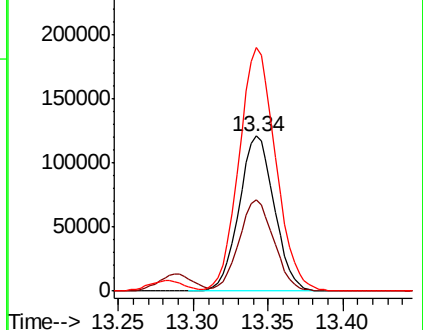
150 163.7 0.0 345.6

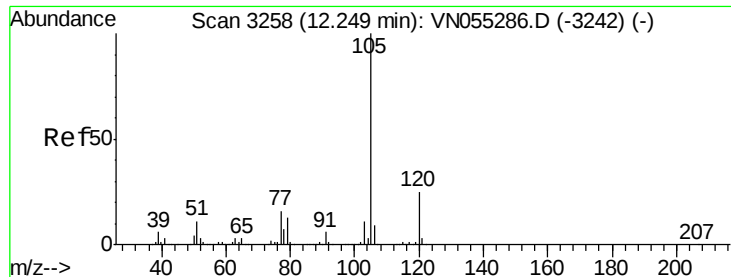


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.373 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

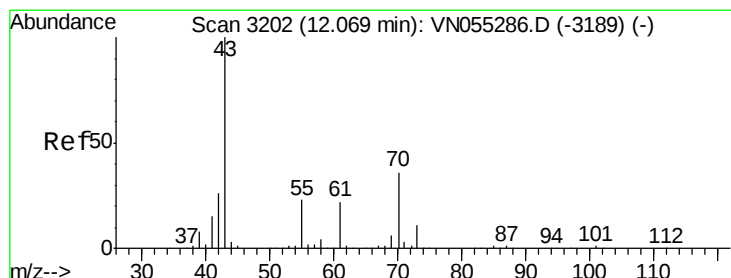
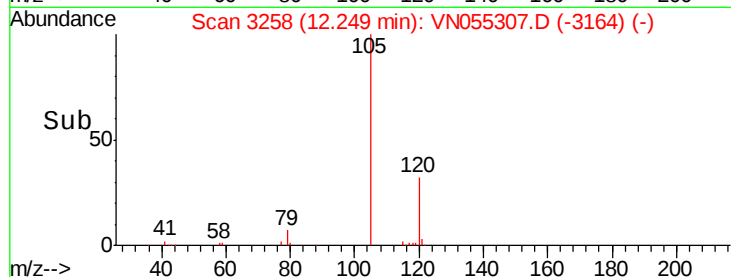
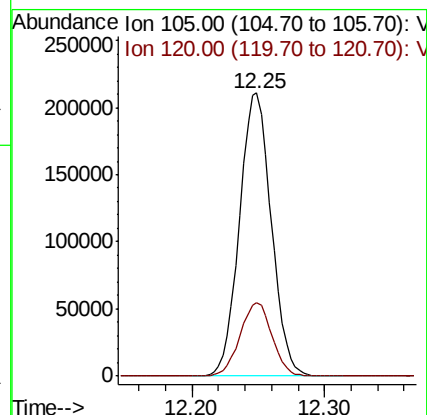
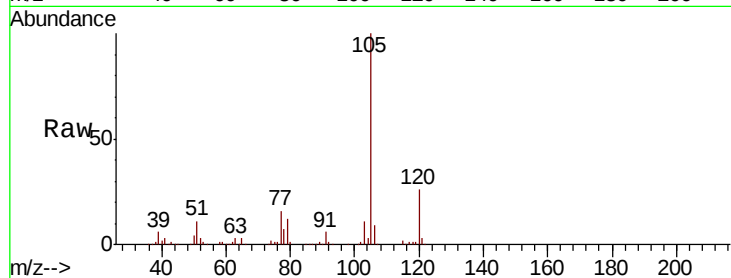
ClientSampleId :

Tot Ion:105 Resp: 350696

Ion Ratio Lower Upper

105 100

120 26.1 12.9 38.7



#74

N-ethyl acetate

Concen: 21.519 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Tgt Ion: 43 Resp: 109412

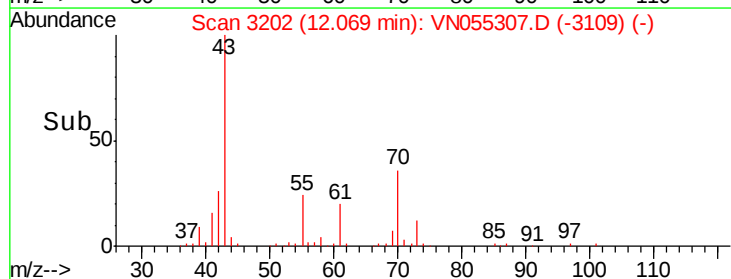
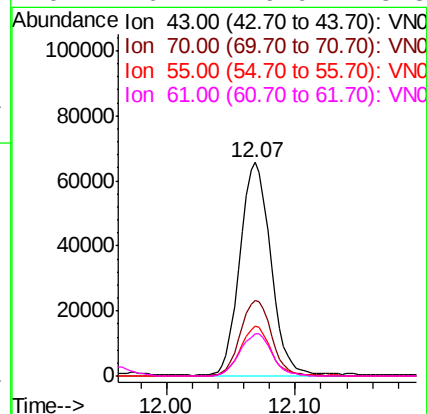
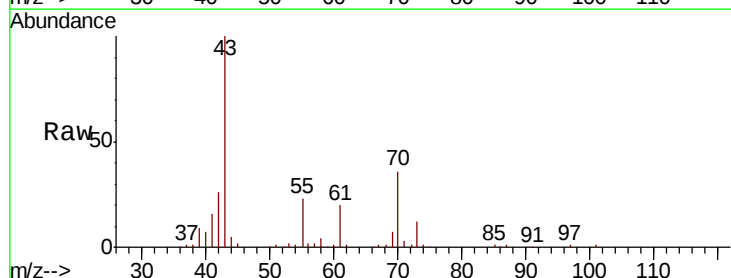
Ion Ratio Lower Upper

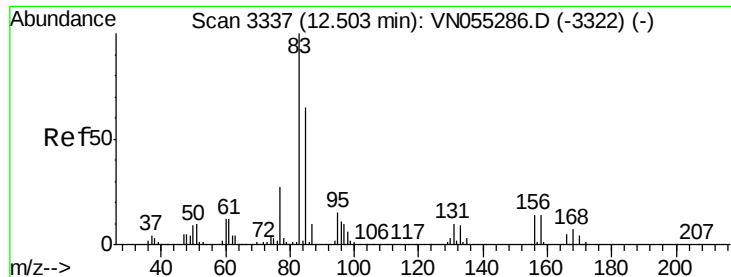
43 100

70 35.7 27.9 41.9

55 22.9 18.2 27.2

61 20.7 16.9 25.3





#75

1,1,2,2-Tetrachloroethane

Concen: 22.152 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

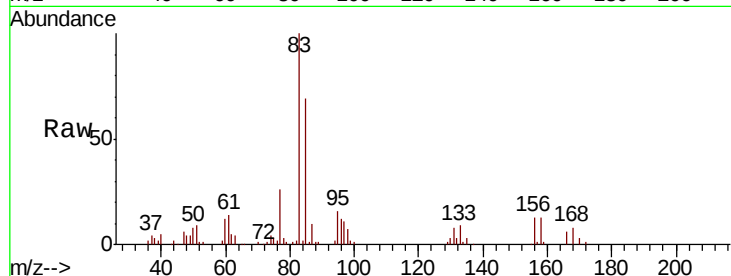
Tot Ion: 83 Resp: 93908

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.2

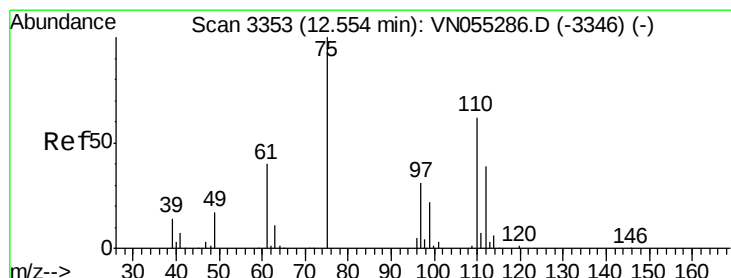
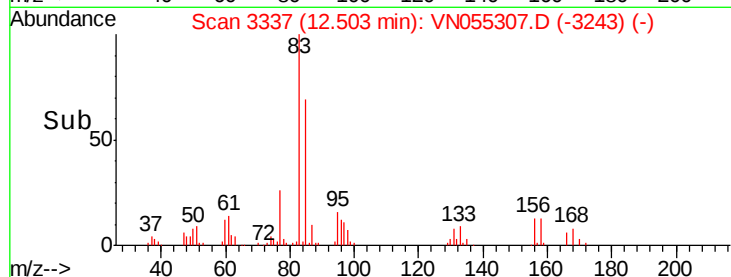
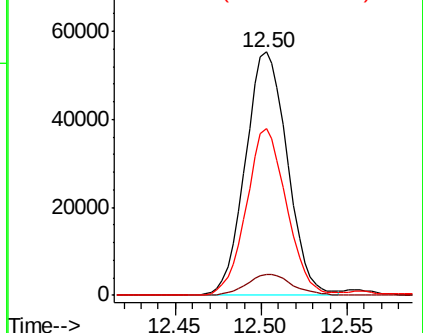
85 65.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN055307.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN055307.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN055307.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 28.649 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055307.D

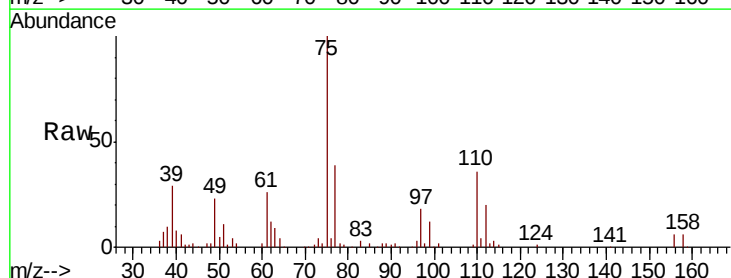
Acq: 30 Apr 2019 14:45

Tgt Ion: 75 Resp: 109459

Ion Ratio Lower Upper

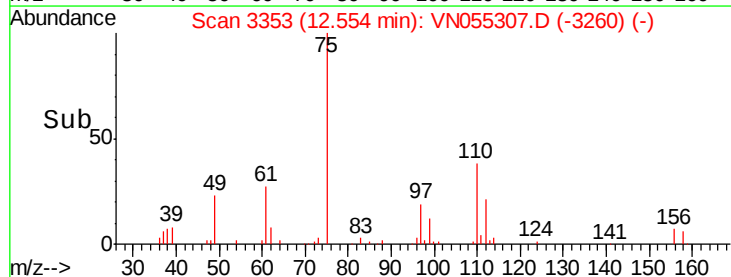
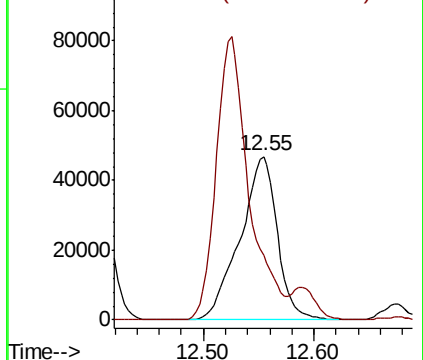
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055307.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN055307.D (-3260) (-)





#77

Bromobenzene

Concen: 20.248 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

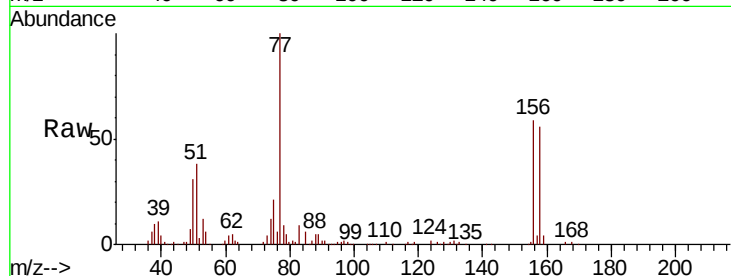
Tot Ion:156 Resp: 81486

Ion Ratio Lower Upper

156 100

77 205.6 99.6 298.8

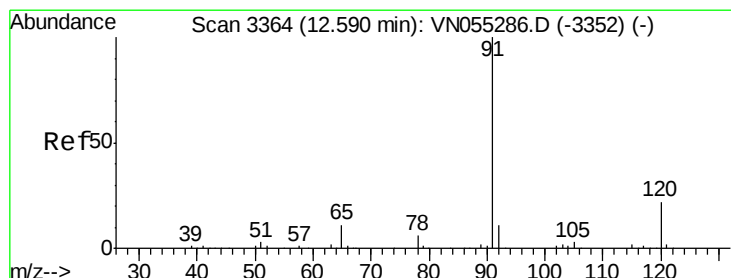
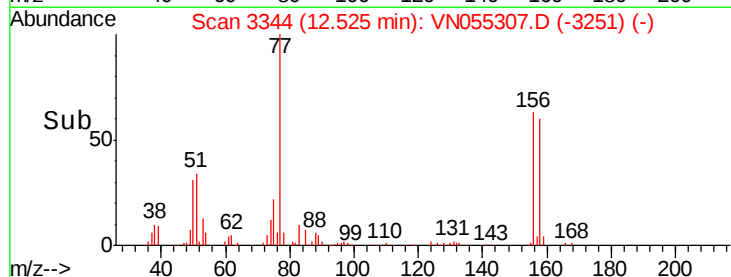
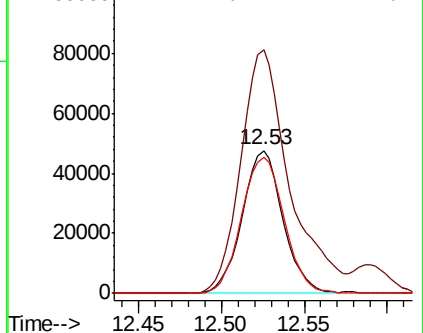
158 99.9 49.3 147.8



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: 18.572 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055307.D

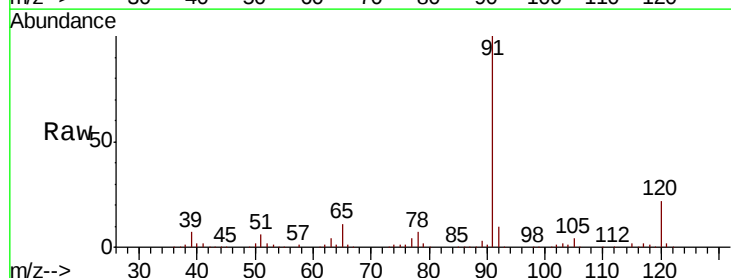
Acq: 30 Apr 2019 14:45

Tgt Ion: 91 Resp: 377947

Ion Ratio Lower Upper

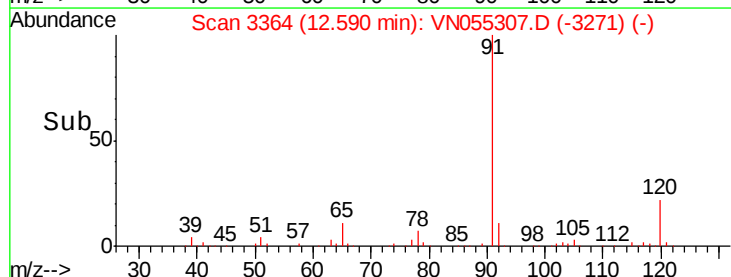
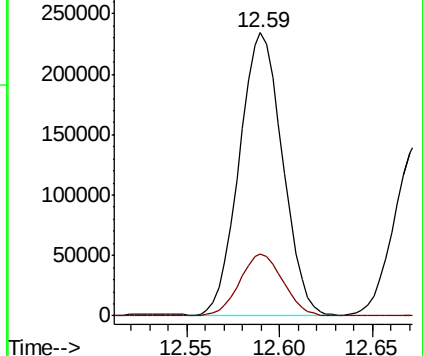
91 100

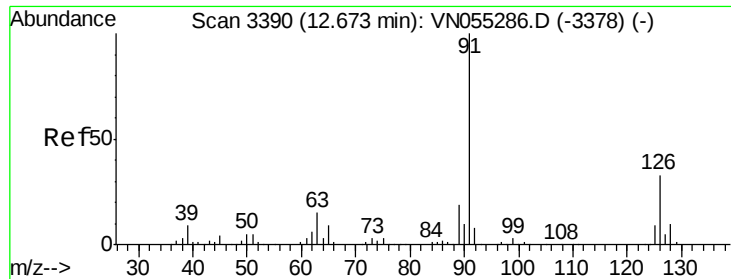
120 22.0 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

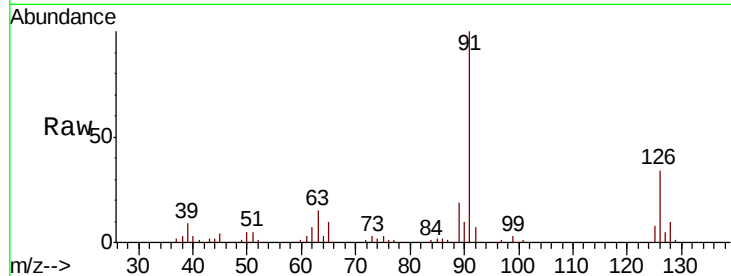




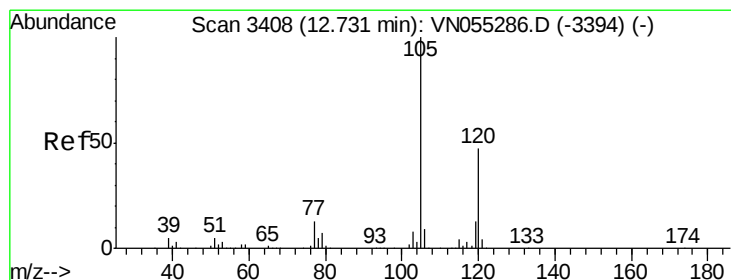
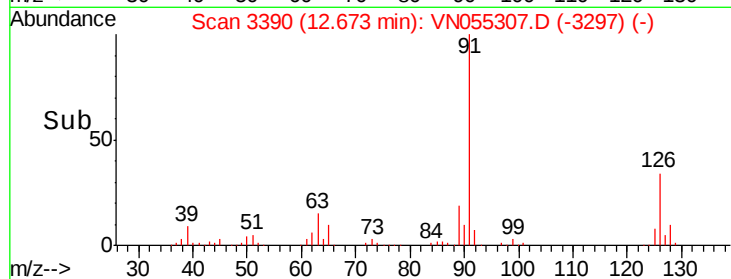
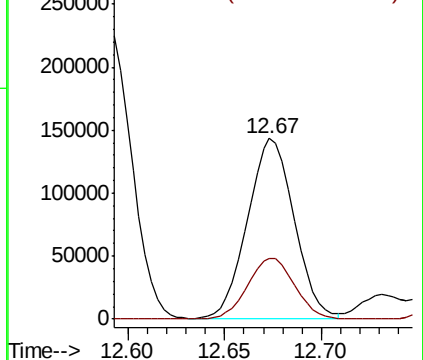
#79
 2-Chlorotoluene
 Concen: 20.833 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 240357
 Ion Ratio Lower Upper
 91 100
 126 34.2 16.6 49.7

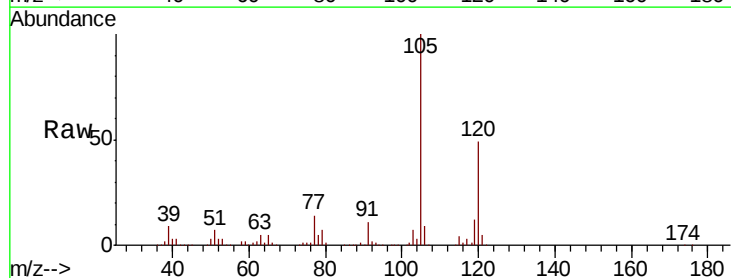


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3378) (-)
 Ion 125.90 (125.60 to 126.60): VN055286.D (-3378) (-)

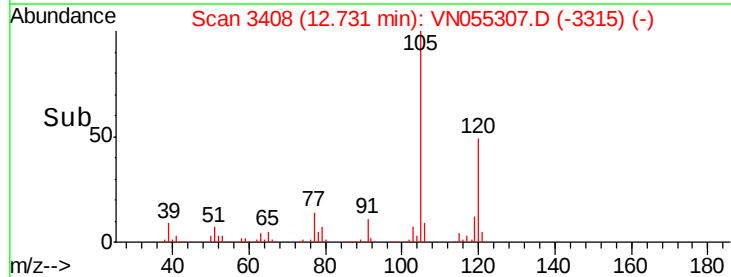
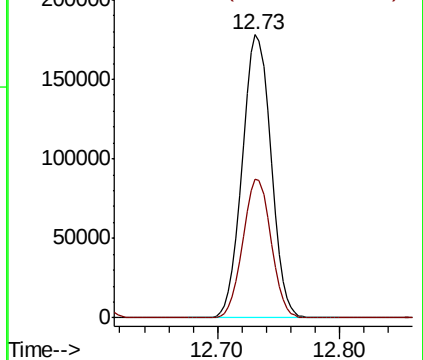


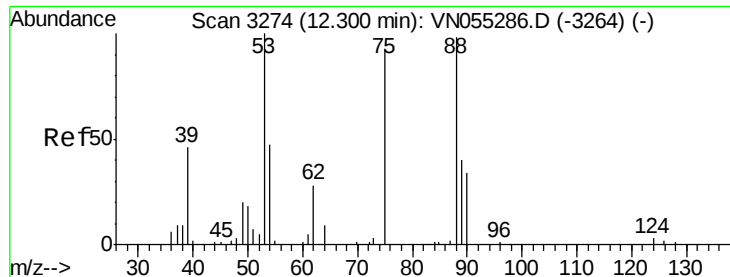
#80
 1,3,5-Trimethylbenzene
 Concen: 18.576 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

Tgt Ion: 105 Resp: 288512
 Ion Ratio Lower Upper
 105 100
 120 48.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3394) (-)
 Ion 120.00 (119.70 to 120.70): VN055286.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.774 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

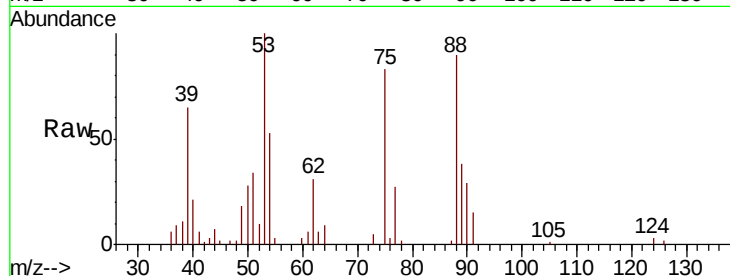
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 19627

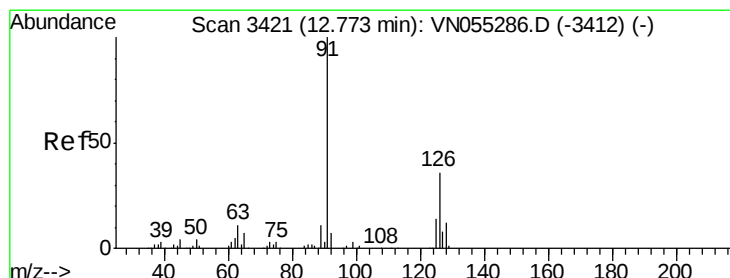
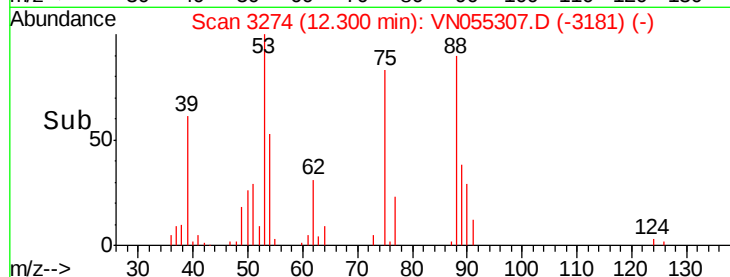
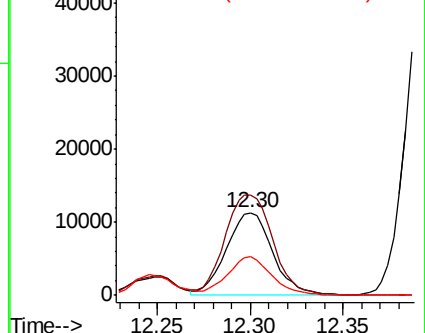
Ion	Ratio	Lower	Upper
75	100		
53	126.5	86.3	129.5
89	44.9	34.6	51.8



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 18.951 ug/l

RT: 12.77 min Scan# 3421

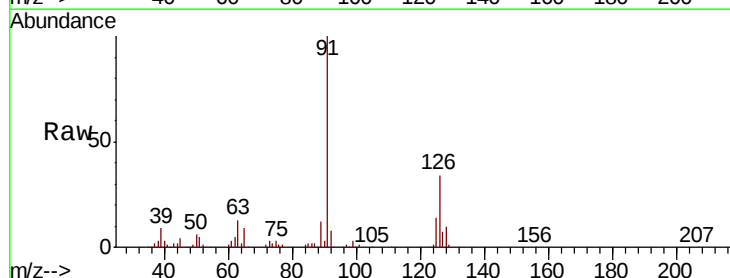
Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

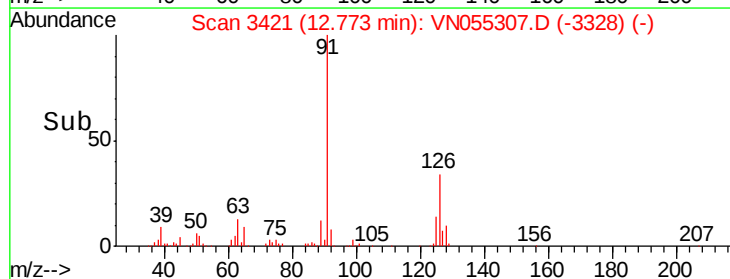
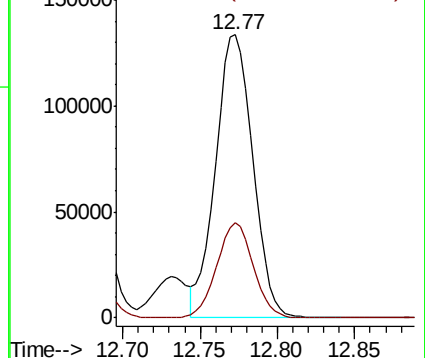
Tgt Ion: 91 Resp: 224241

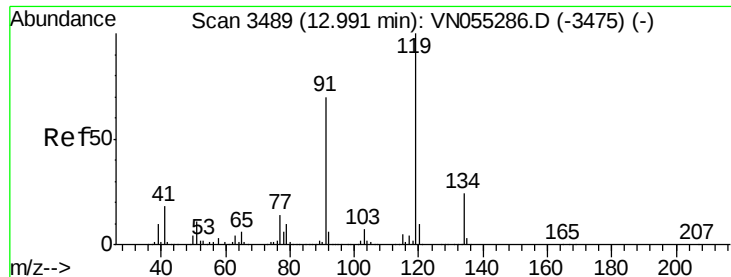
Ion	Ratio	Lower	Upper
91	100		
126	32.9	16.6	49.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

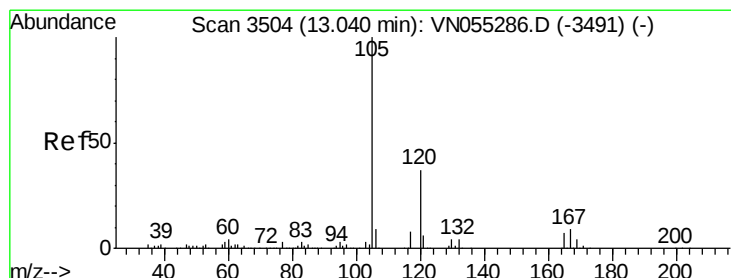
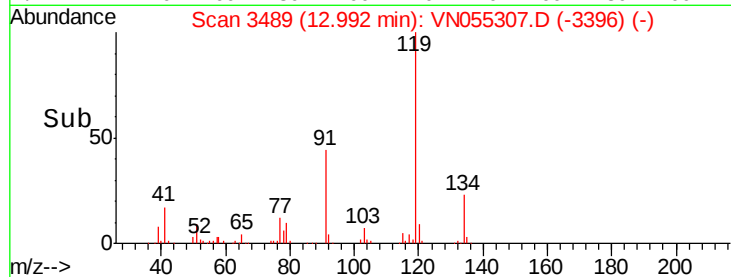
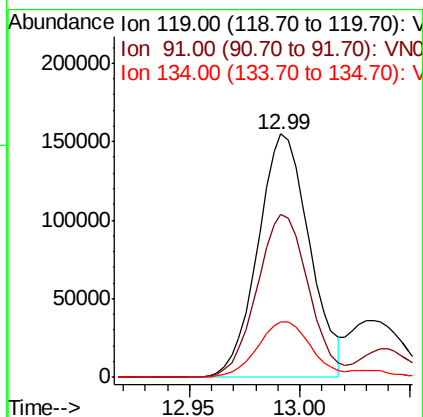
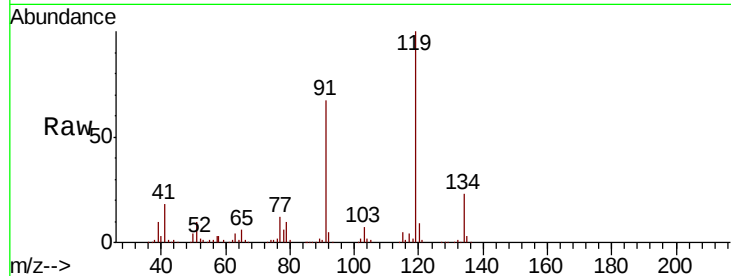




#83
tert-Butylbenzene
Concen: 21.149 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

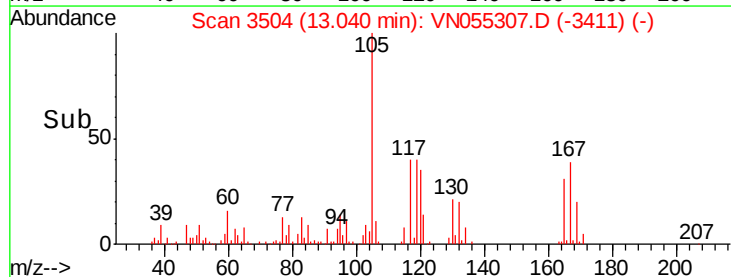
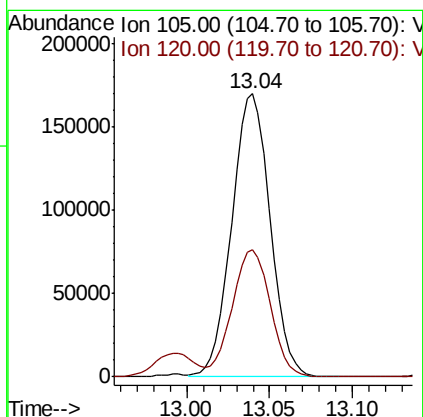
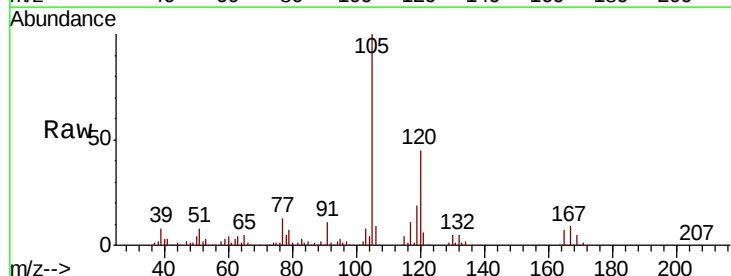
Instrument :
MSVOA_N
ClientSampled :

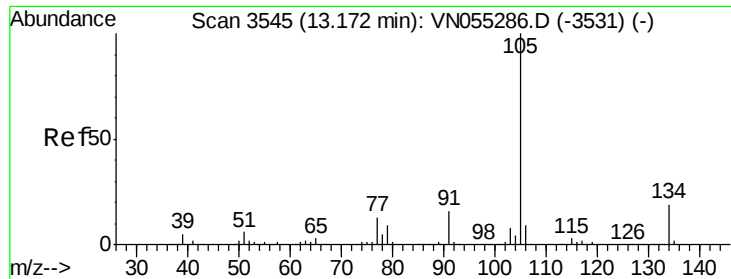
Tot Ion:119 Resp: 250965
Ion Ratio Lower Upper
119 100
91 67.1 34.3 102.9
134 23.6 13.1 39.3



#84
1,2,4-Trimethylbenzene
Concen: 19.559 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN055307.D
Acq: 30 Apr 2019 14:45

Tgt Ion:105 Resp: 271696
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 18.642 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

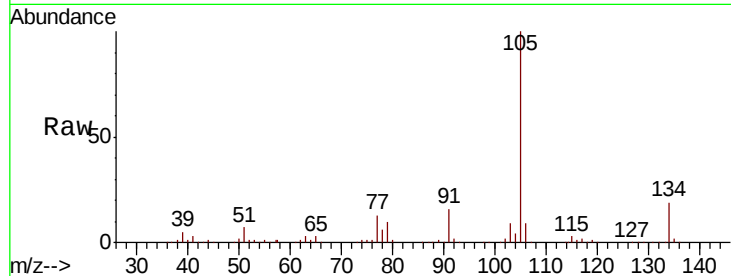
ClientSampled :

Tot Ion:105 Resp: 314711

Ion Ratio Lower Upper

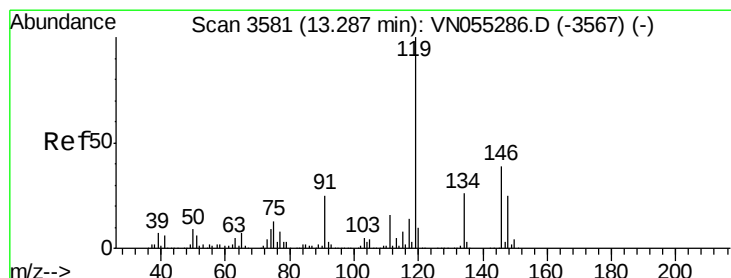
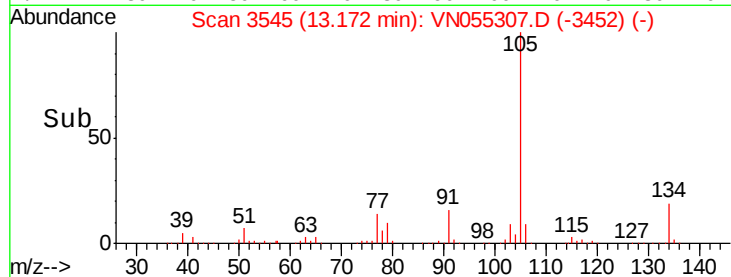
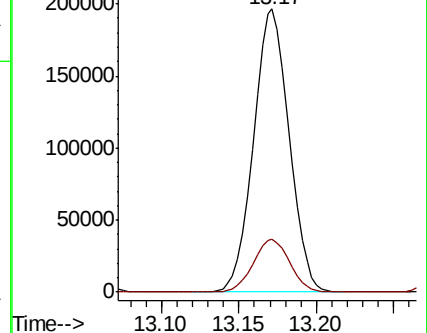
105 100

134 19.0 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.125 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

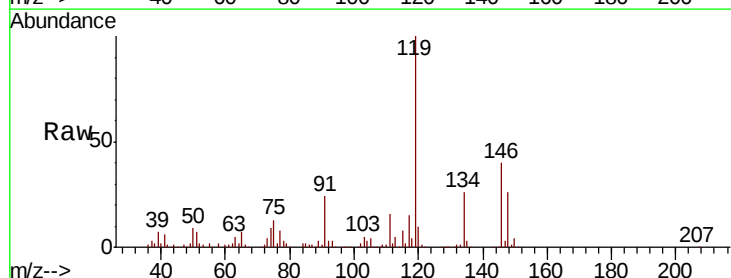
Tgt Ion:119 Resp: 265359

Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

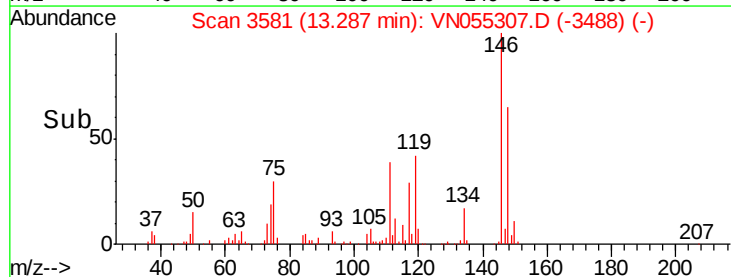
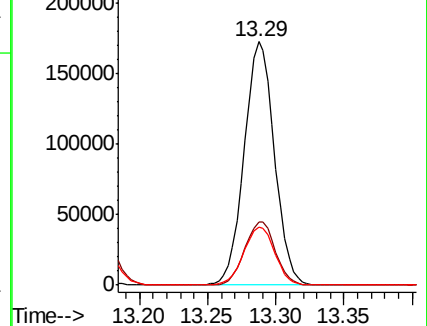
91 24.6 12.2 36.6

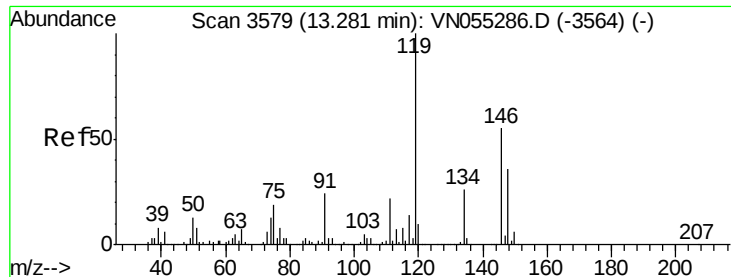


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

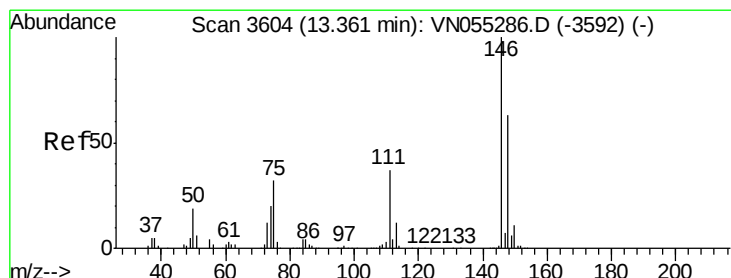
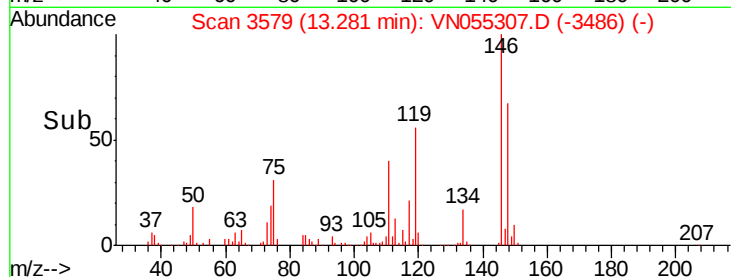
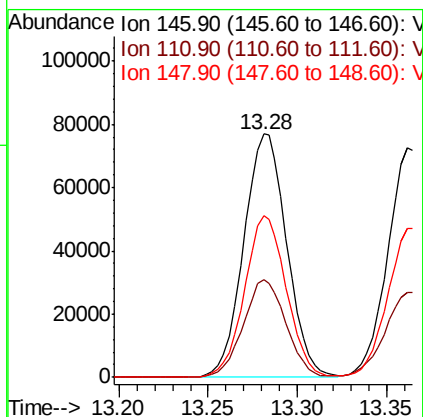
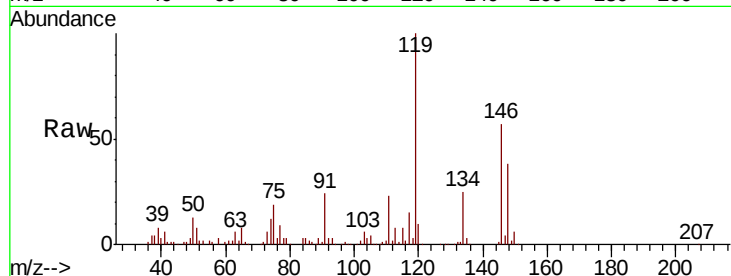




#87
 1,3-Dichlorobenzene
 Concen: 19.529 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

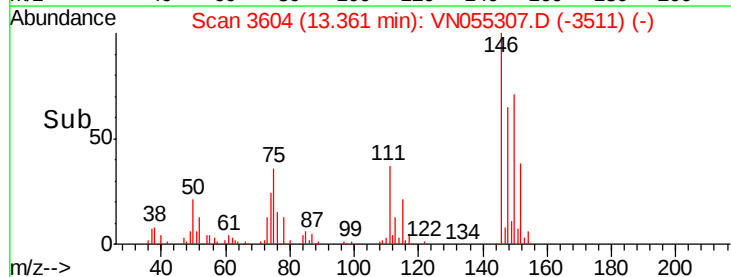
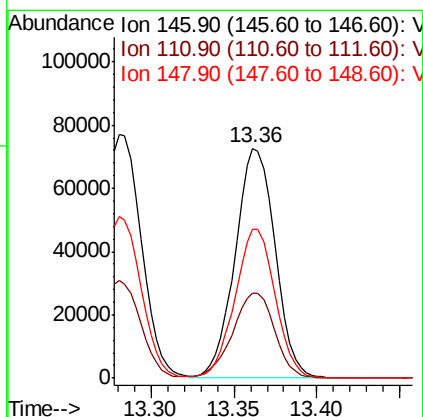
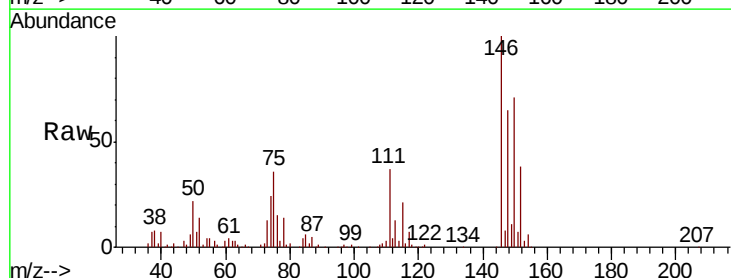
Instrument :
 MSVOA_N
 ClientSampled :

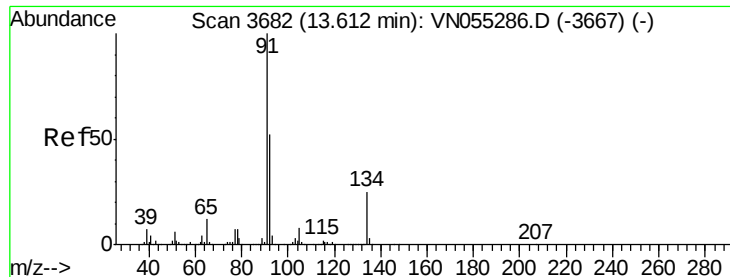
Tot Ion:146 Resp: 129470
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.8
 148 64.6 32.5 97.5



#88
 1,4-Dichlorobenzene
 Concen: 19.567 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

Tgt Ion:146 Resp: 122162
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.5 58.5
 148 64.9 32.5 97.4





#89

n-Butylbenzene

Concen: 18.825 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

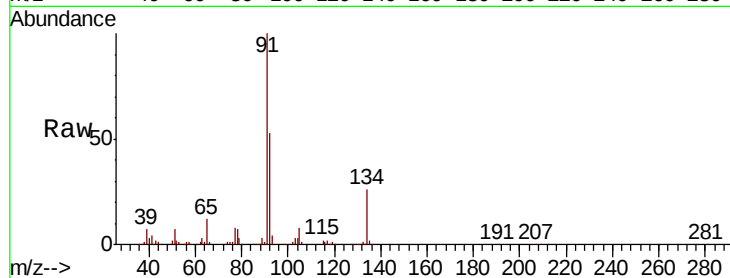
Tot Ion: 91 Resp: 185604

Ion Ratio Lower Upper

91 100

92 53.2 26.1 78.3

134 26.1 12.4 37.4

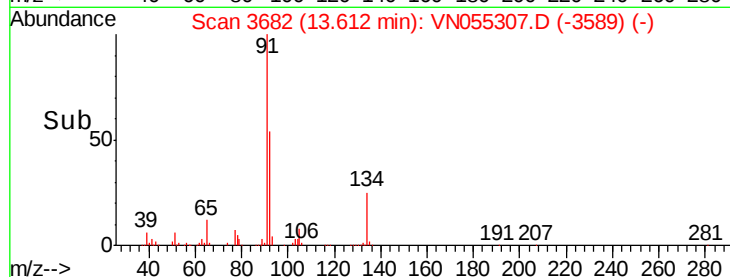


Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN055286.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN055286.D (-3667) (-)

Time-->

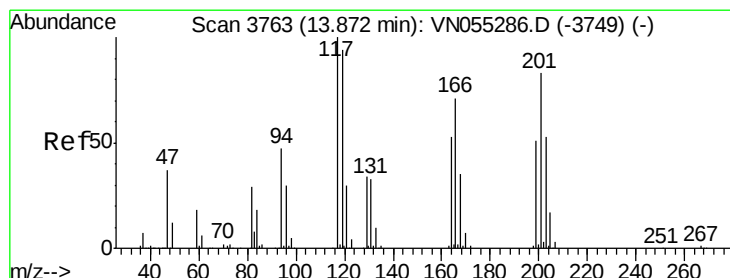


Abundance Ion 91.00 (90.70 to 91.70): VN055307.D (-3589) (-)

Ion 92.00 (91.70 to 92.70): VN055307.D (-3589) (-)

Ion 134.00 (133.70 to 134.70): VN055307.D (-3589) (-)

Time-->



#90

Hexachloroethane

Concen: 19.235 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055307.D

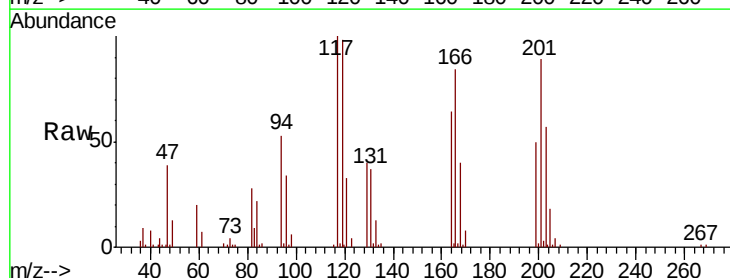
Acq: 30 Apr 2019 14:45

Tgt Ion: 117 Resp: 44388

Ion Ratio Lower Upper

117 100

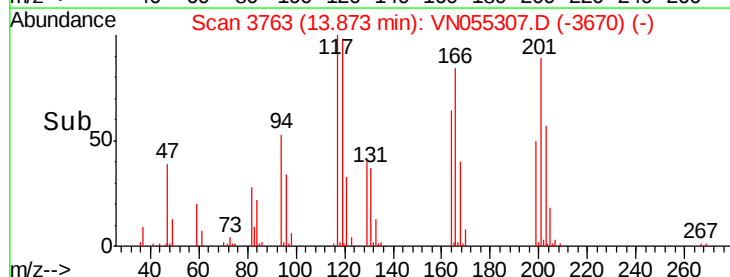
201 87.9 41.9 125.8



Abundance Ion 116.80 (116.50 to 117.50): VN055286.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN055286.D (-3749) (-)

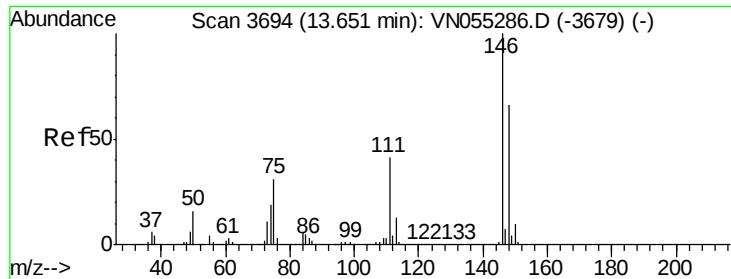
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN055307.D (-3670) (-)

Ion 200.70 (200.40 to 201.40): VN055307.D (-3670) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 19.951 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

ClientSampled :

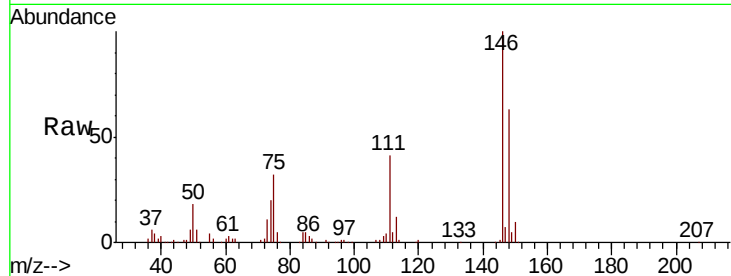
Tot Ion:146 Resp: 131089

Ion Ratio Lower Upper

146 100

111 41.3 20.3 61.0

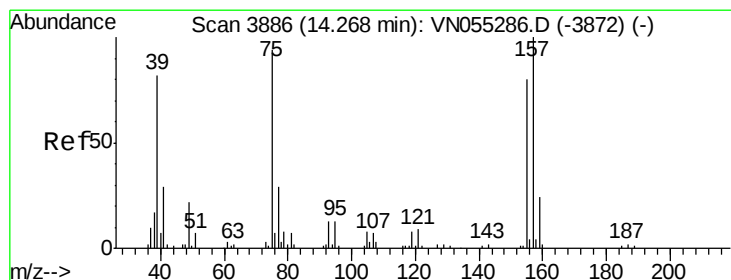
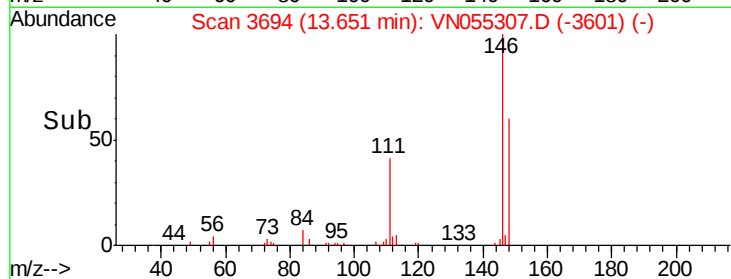
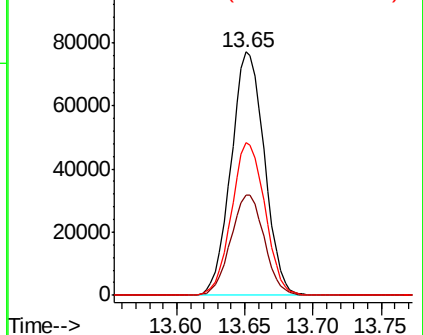
148 62.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.163 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

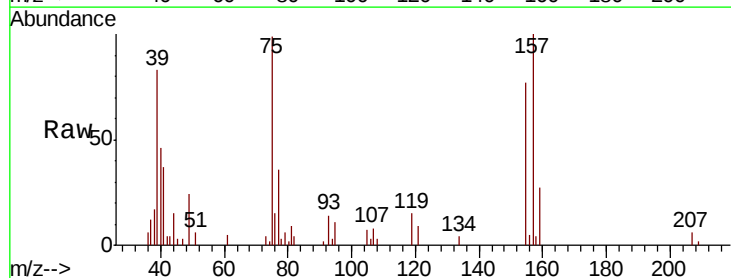
Tgt Ion: 75 Resp: 12073

Ion Ratio Lower Upper

75 100

155 79.7 41.5 124.6

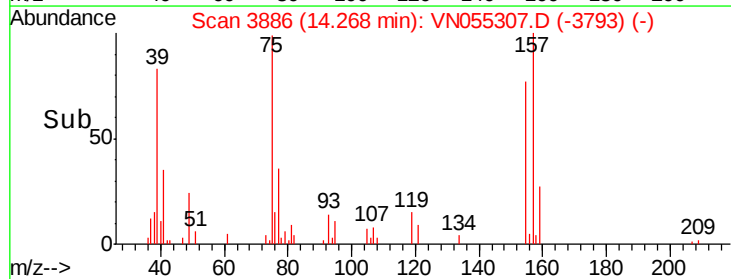
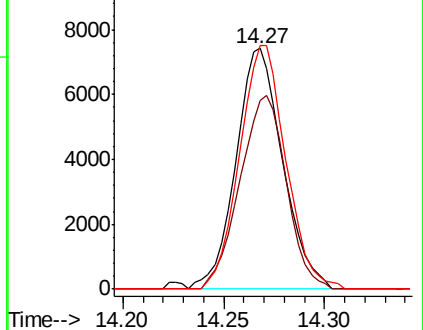
157 100.0 54.0 162.2



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

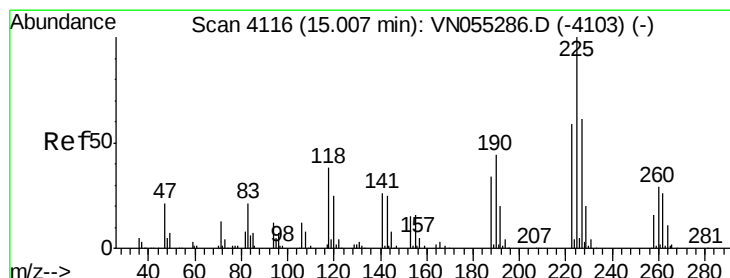
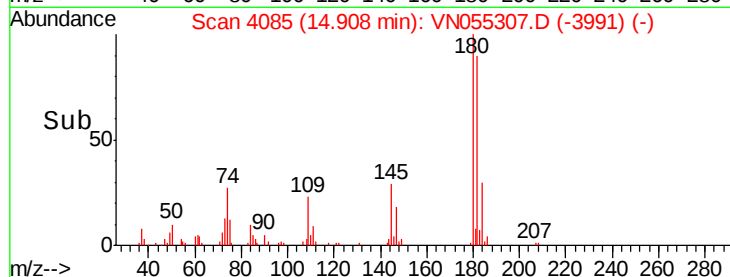
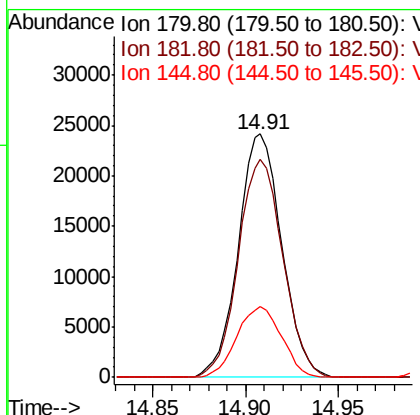
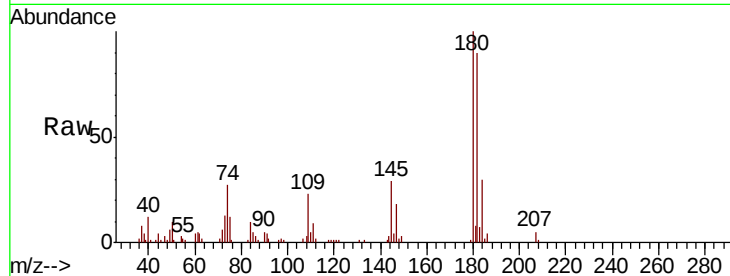




#93
 1,2,4-Trichlorobenzene
 Concen: 17.459 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

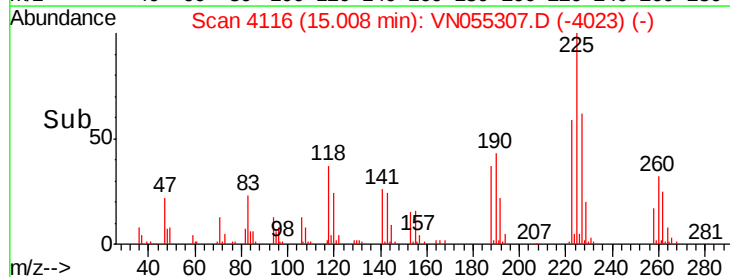
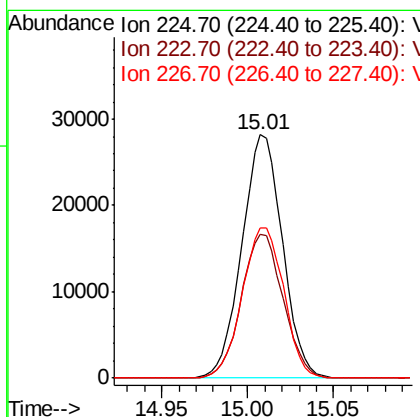
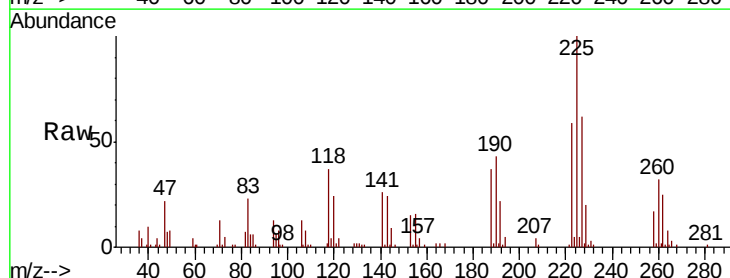
Instrument :
 MSVOA_N
 ClientSampleId :

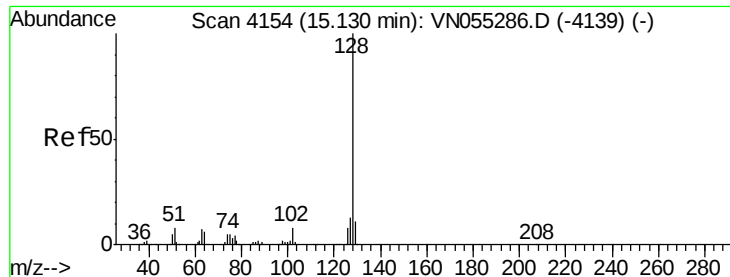
Tot Ion:180 Resp: 39248
 Ion Ratio Lower Upper
 180 100
 182 91.8 48.3 144.9
 145 29.8 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 21.752 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055307.D
 Acq: 30 Apr 2019 14:45

Tgt Ion:225 Resp: 46134
 Ion Ratio Lower Upper
 225 100
 223 60.8 30.3 90.8
 227 63.0 30.9 92.7





#95

Naphthalene

Concen: 17.909 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

Instrument :

MSVOA_N

ClientSampleId :

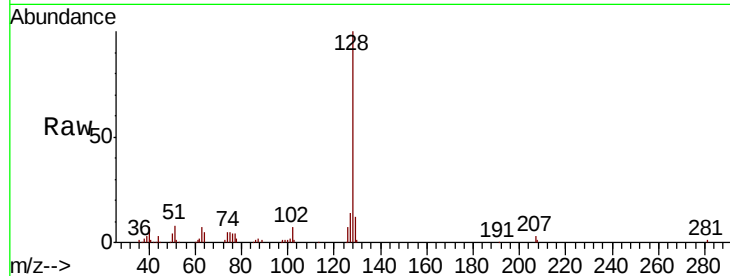
Tot Ion:128 Resp: 86020

Ion Ratio Lower Upper

128 100

127 13.7 10.7 16.1

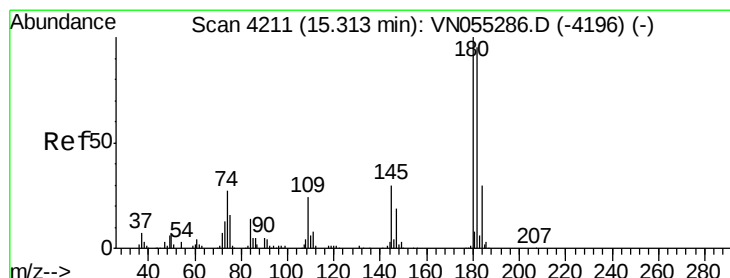
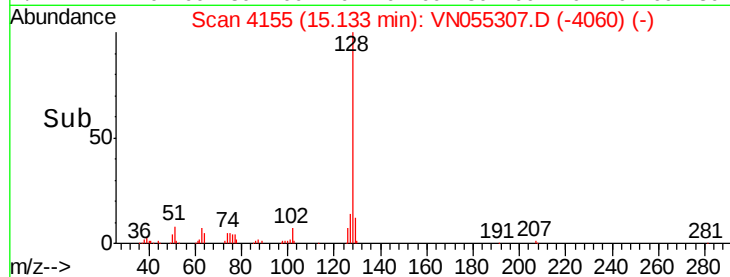
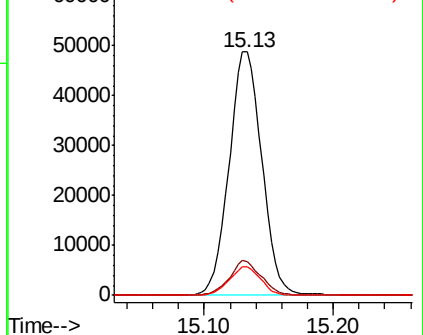
129 11.2 8.6 13.0



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: 17.910 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055307.D

Acq: 30 Apr 2019 14:45

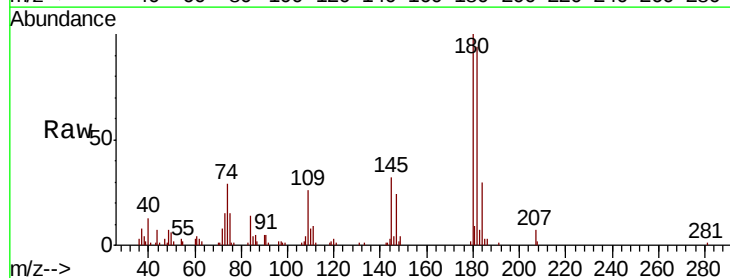
Tgt Ion:180 Resp: 41176

Ion Ratio Lower Upper

180 100

182 95.9 48.3 144.9

145 30.8 15.2 45.6



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

