

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060319\
 Data File : VN055950.D
 Acq On : 3 Jun 2019 9:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 16:21:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	322822	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	470678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	422488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197755	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	163253	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
35) Dibromofluoromethane	7.59	113	145279	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	10.09	98	552815	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	12.40	95	195964	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	100375	46.200	ug/l	99
3) Chloromethane	2.06	50	141548	46.500	ug/l	99
4) Vinyl Chloride	2.18	62	148648	45.783	ug/l	100
5) Bromomethane	2.53	94	115562	56.893	ug/l	100
6) Chloroethane	2.68	64	94971	48.584	ug/l	98
7) Trichlorofluoromethane	3.00	101	210730	49.506	ug/l	100
8) Diethyl Ether	3.40	74	91953	48.198	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.74	101	139667	52.563	ug/l	98
10) Methyl Iodide	3.94	142	201327	51.825	ug/l	99
11) Tert butyl alcohol	4.81	59	157125	246.669	ug/l	100
12) 1,1-Dichloroethene	3.72	96	133808	48.737	ug/l	97
13) Acrolein	3.60	56	116850	256.188	ug/l	98
14) Allyl chloride	4.31	41	233605	49.633	ug/l	98
15) Acrylonitrile	4.99	53	384328	262.755	ug/l	100
16) Acetone	3.82	43	407745	278.232	ug/l	100
17) Carbon Disulfide	4.04	76	307057	39.364	ug/l	100
18) Methyl Acetate	4.32	43	169459	57.057	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	470323	51.364	ug/l	99
20) Methylene Chloride	4.54	84	158739	50.016	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	145686	49.392	ug/l	98
22) Diisopropyl ether	5.95	45	479341	52.363	ug/l	99
23) Vinyl Acetate	5.89	43	1974353	251.552	ug/l	100
24) 1,1-Dichloroethane	5.84	63	270205	50.696	ug/l	100
25) 2-Butanone	6.84	43	546862	267.196	ug/l	99
26) 2,2-Dichloropropane	6.82	77	224722	48.718	ug/l	100
27) cis-1,2-Dichloroethene	6.82	96	177688	51.635	ug/l	99
28) Bromochloromethane	7.19	49	127582	50.276	ug/l	98
29) Tetrahydrofuran	7.21	42	330714	255.161	ug/l	100
30) Chloroform	7.37	83	273292	51.415	ug/l	98
31) Cyclohexane	7.65	56	241493	48.260	ug/l	95
32) 1,1,1-Trichloroethane	7.56	97	230627	48.622	ug/l	100
36) 1,1-Dichloropropene	7.79	75	203884	49.707	ug/l	99
37) Ethyl Acetate	6.93	43	203302	51.282	ug/l	99
38) Carbon Tetrachloride	7.77	117	196280	45.940	ug/l	98

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

39) Methylcyclohexane	9.08	83	257609	50.717	ug/l	99
40) Benzene	8.04	78	632524	51.167	ug/l	100
41) Methacrylonitrile	7.17	41	90305	45.089	ug/l	89
42) 1,2-Dichloroethane	8.12	62	202570	50.148	ug/l	100
43) Isopropyl Acetate	8.16	43	328646	49.340	ug/l	100
44) Trichloroethene	8.83	130	179358	52.044	ug/l	99
45) 1,2-Dichloropropane	9.12	63	170080	52.807	ug/l	99
46) Dibromomethane	9.20	93	109902	52.031	ug/l	99
47) Bromodichloromethane	9.40	83	212945	49.165	ug/l	98
48) Methyl methacrylate	9.20	41	158311	51.570	ug/l	98
49) 1,4-Dioxane	9.20	88	68449	1072.985	ug/l	93
51) 4-Methyl-2-Pentanone	9.98	43	1025649	260.722	ug/l	100
52) Toluene	10.15	92	402060	51.713	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	232491	50.287	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	259934	50.752	ug/l	100
55) 1,1,2-Trichloroethane	10.56	97	164356	52.769	ug/l	99
56) Ethyl methacrylate	10.43	69	247351	51.386	ug/l	98
57) 1,3-Dichloropropane	10.71	76	267749	52.886	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	437422	237.785	ug/l	99
59) 2-Hexanone	10.75	43	736318	263.845	ug/l	99
60) Dibromochloromethane	10.90	129	175283	48.309	ug/l	98
61) 1,2-Dibromoethane	11.00	107	169676	52.520	ug/l	100
64) Tetrachloroethene	10.63	164	178012	49.956	ug/l	99
65) Chlorobenzene	11.43	112	434032	51.318	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	161651	47.922	ug/l	99
67) Ethyl Benzene	11.51	91	773741	51.014	ug/l	99
68) m/p-Xylenes	11.62	106	592782	103.382	ug/l	99
69) o-Xylene	11.95	106	290698	51.100	ug/l	99
70) Styrene	11.96	104	488942	53.074	ug/l	100
71) Bromoform	12.13	173	129196	44.903	ug/l #	99
73) Isopropylbenzene	12.25	105	774309	55.328	ug/l	100
74) N-amyl acetate	12.07	43	278027	52.010	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	231232	55.891	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	277377	83.573	ug/l #	100
77) Bromobenzene	12.53	156	204730	48.515	ug/l	99
78) n-propylbenzene	12.59	91	858332	49.939	ug/l	100
79) 2-Chlorotoluene	12.67	91	512029	55.592	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	647770	54.961	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	65233	44.383	ug/l	94
82) 4-Chlorotoluene	12.77	91	503136	49.799	ug/l	99
83) tert-Butylbenzene	12.99	119	572941	56.363	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	643184	54.626	ug/l	100
85) sec-Butylbenzene	13.17	105	759893	57.433	ug/l	99
86) p-Isopropyltoluene	13.29	119	691123	50.325	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	346801	51.901	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	332368	52.318	ug/l	100
89) n-Butylbenzene	13.61	91	549197	52.192	ug/l	99
90) Hexachloroethane	13.87	117	112633	43.088	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	336888	50.534	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	37488	42.783	ug/l	99

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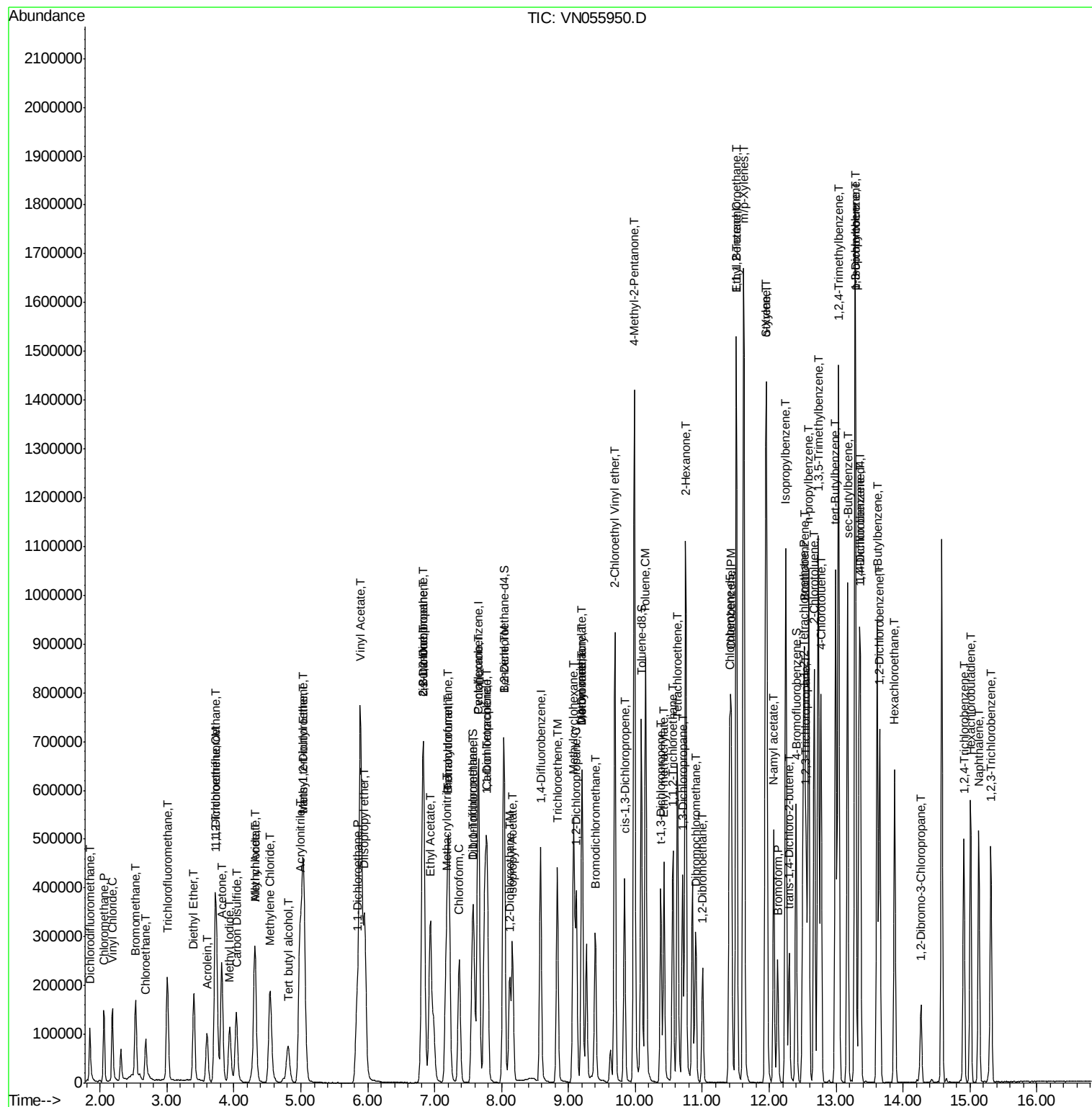
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	182567	47.773	ug/l	99
94) Hexachlorobutadiene	15.01	225	129545	55.414	ug/l	99
95) Naphthalene	15.13	128	468036	51.163	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	189149	53.674	ug/l	100

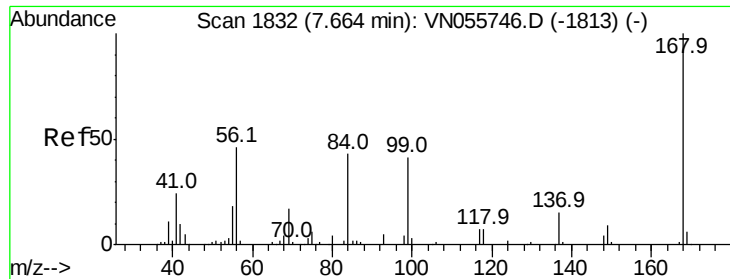
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN055950.D
Acq On : 3 Jun 2019 9:55
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampled :

Quant Time: Jun 03 16:21:10 2019
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

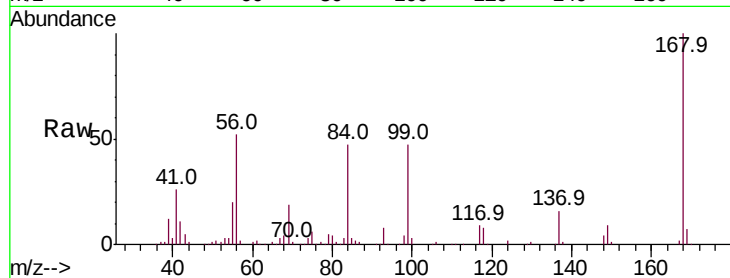
ClientSampled :

Tot Ion:168 Resp: 322822

Ion Ratio Lower Upper

168 100

99 46.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055950.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055950.D (-1739) (-)

7.66

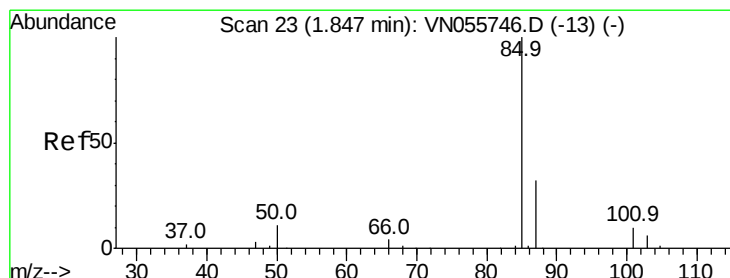
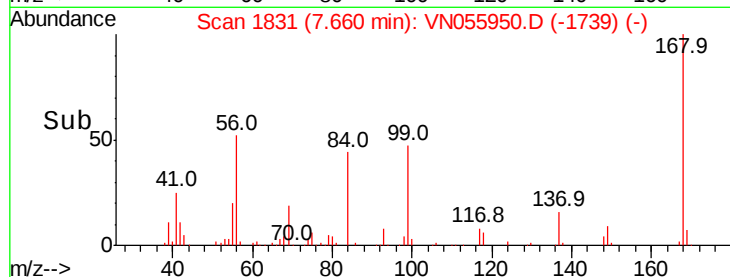
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.200 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055950.D

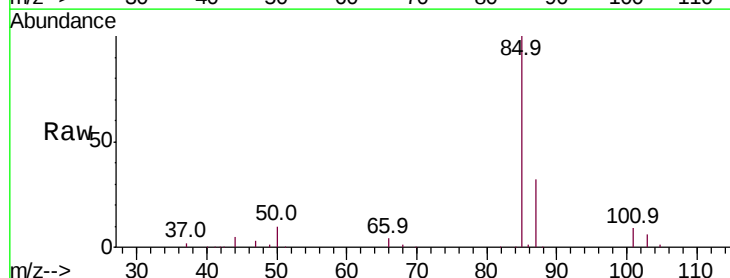
Acq: 3 Jun 2019 9:55

Tgt Ion: 85 Resp: 100375

Ion Ratio Lower Upper

85 100

87 31.9 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN055950.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN055950.D (-1) (-)

1.85

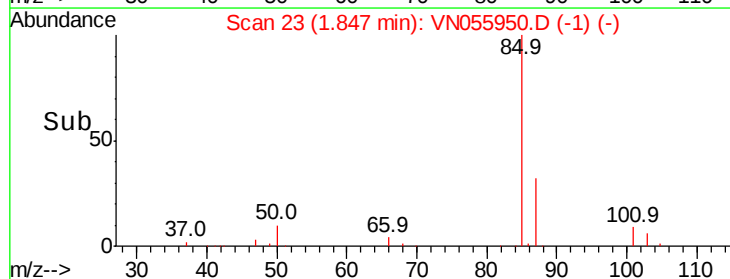
60000

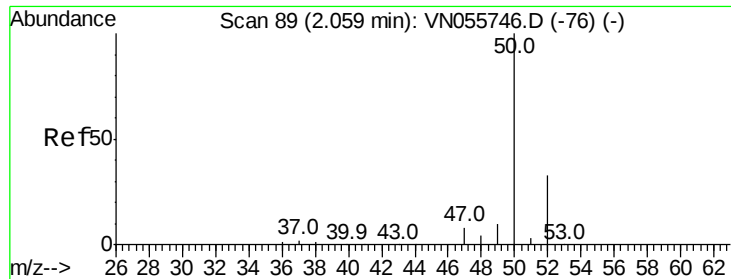
40000

20000

0

Time-->





#3

Chloromethane

Concen: 46.500 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

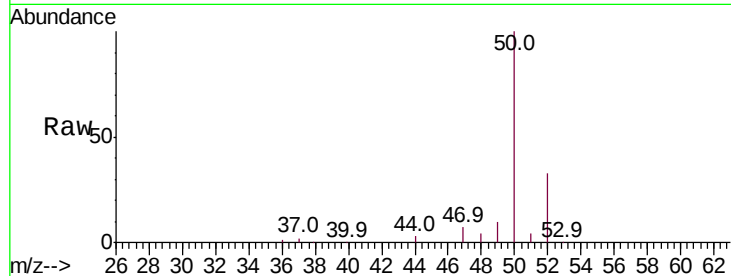
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 141548

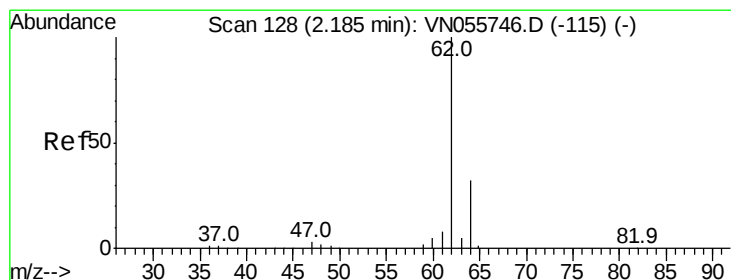
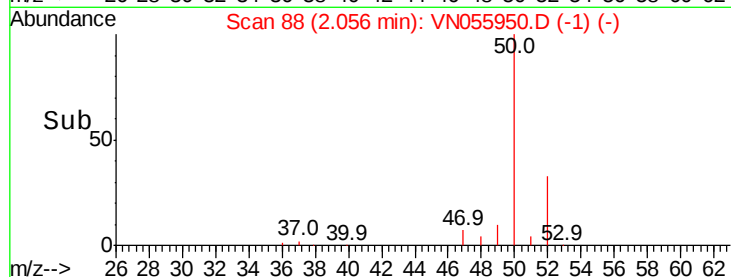
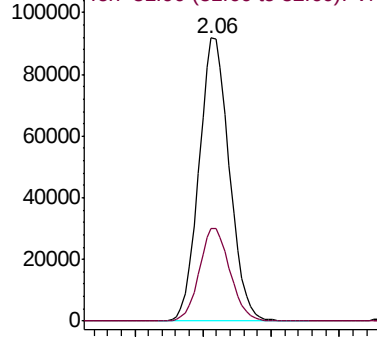
Ion Ratio Lower Upper

50 100

52 32.8 26.6 40.0



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



#4

Vinyl Chloride

Concen: 45.783 ug/l

RT: 2.18 min Scan# 128

Delta R.T. 0.00 min

Lab File: VN055950.D

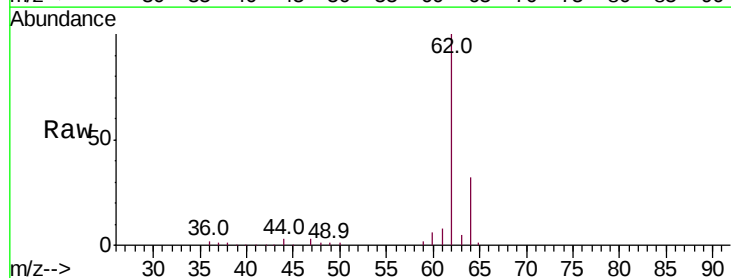
Acq: 3 Jun 2019 9:55

Tgt Ion: 62 Resp: 148648

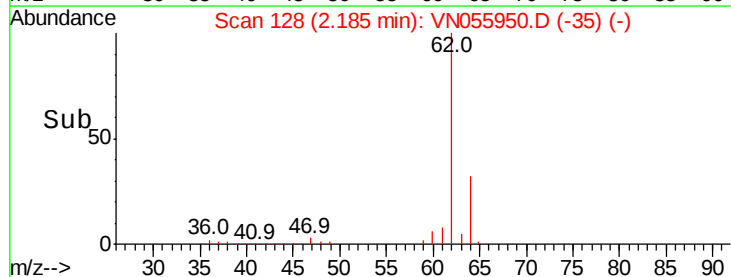
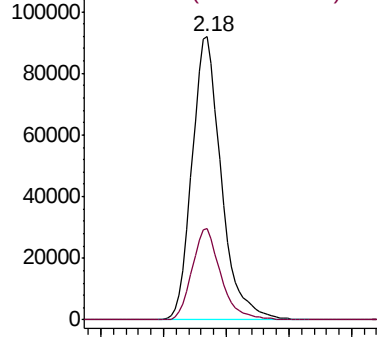
Ion Ratio Lower Upper

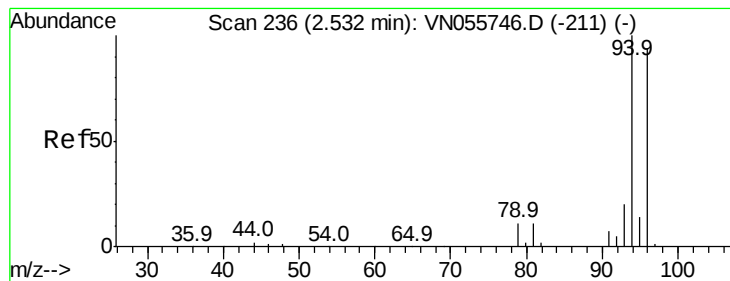
62 100

64 32.1 25.6 38.4



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





#5

Bromomethane

Concen: 56.893 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

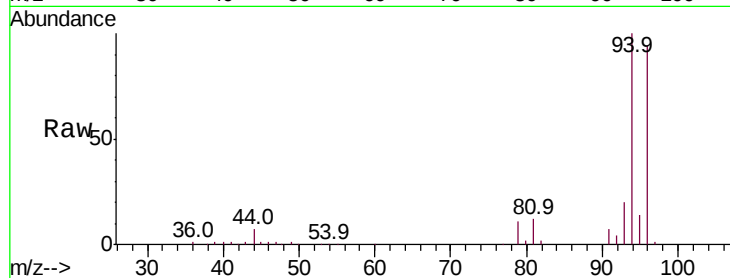
ClientSampleId :

Tot Ion: 94 Resp: 115562

Ion Ratio Lower Upper

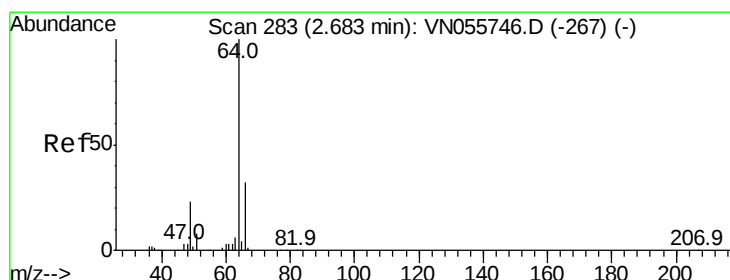
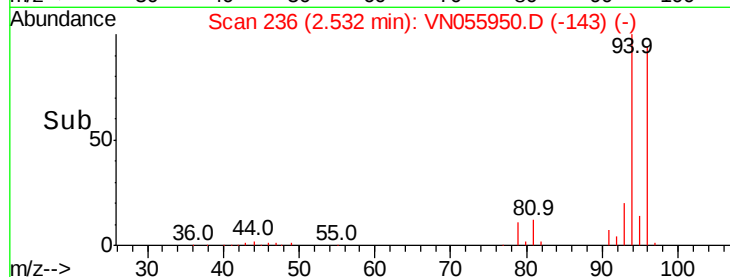
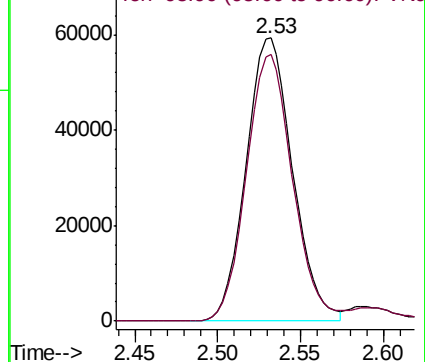
94 100

96 94.1 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.584 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN055950.D

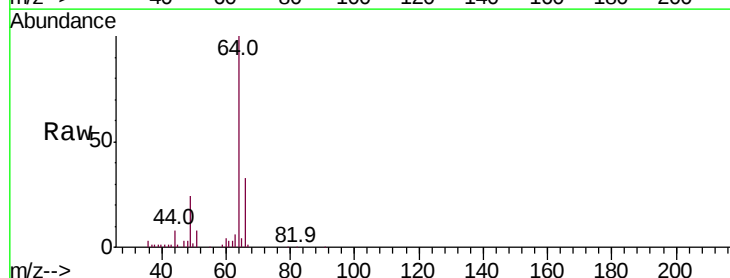
Acq: 3 Jun 2019 9:55

Tgt Ion: 64 Resp: 94971

Ion Ratio Lower Upper

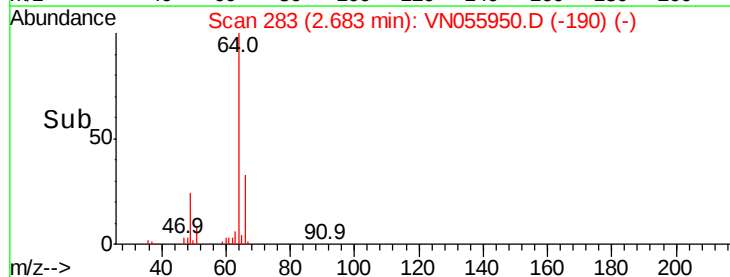
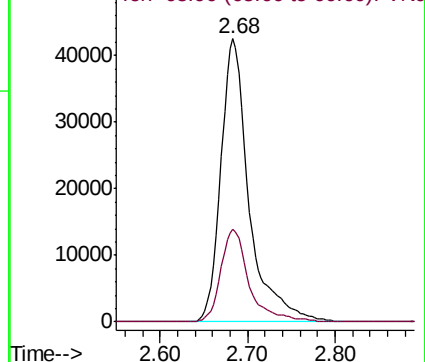
64 100

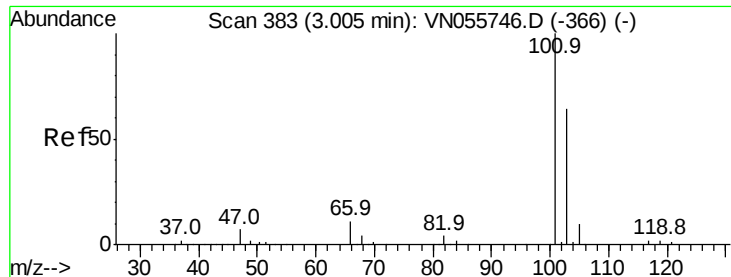
66 32.6 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



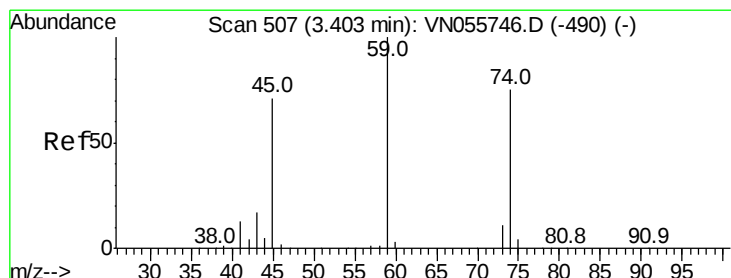
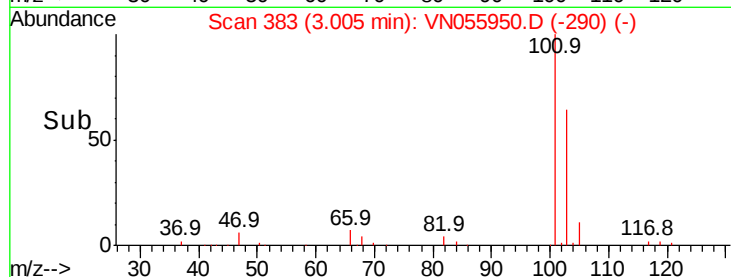
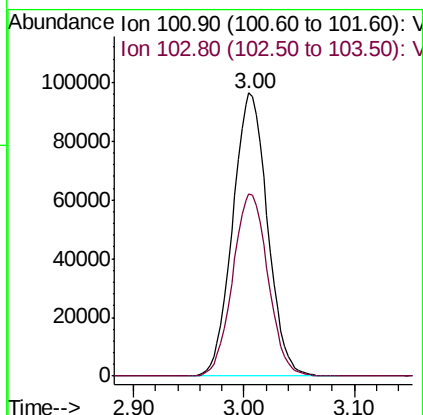
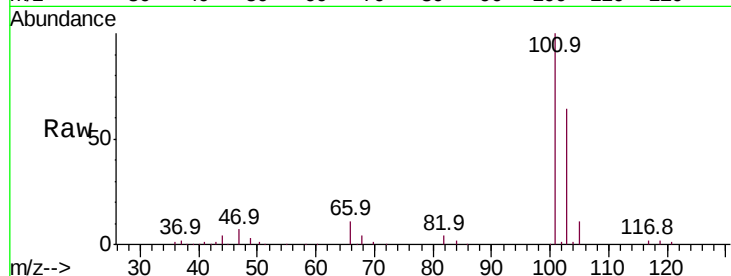


#7

Trichlorofluoromethane
Concen: 49.506 ug/l
RT: 3.00 min Scan# 383
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :

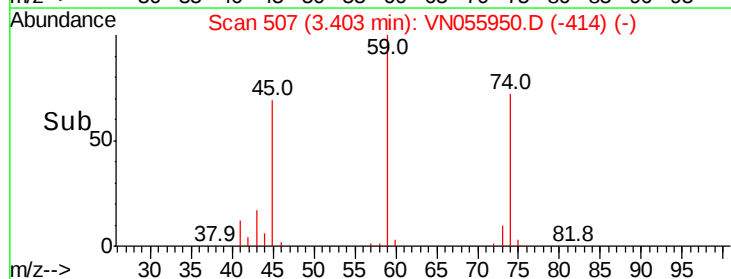
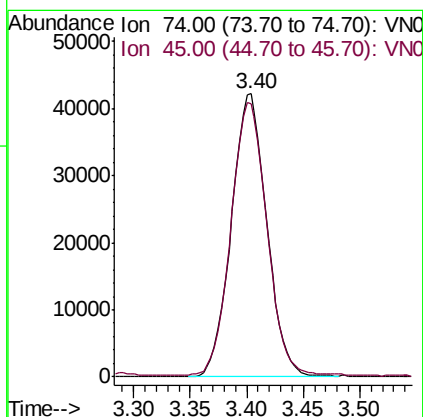
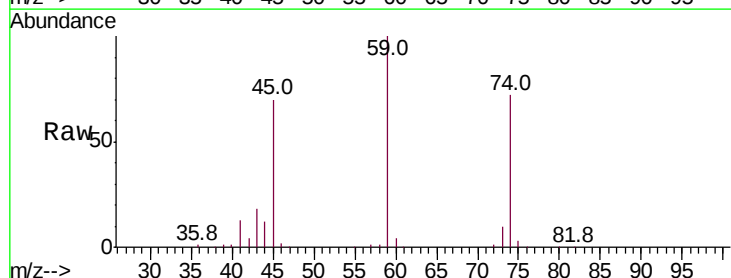
Tot Ion:101 Resp: 210730
Ion Ratio Lower Upper
101 100
103 64.3 51.2 76.8

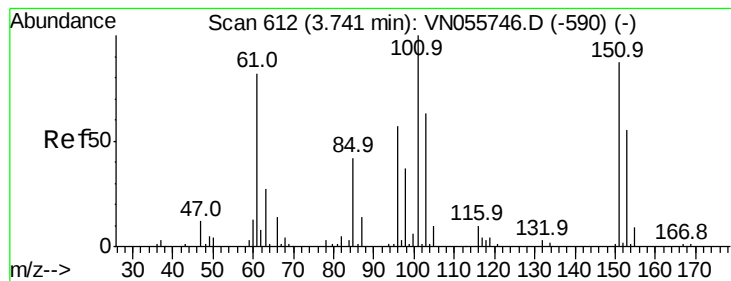


#8

Diethyl Ether
Concen: 48.198 ug/l
RT: 3.40 min Scan# 507
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 74 Resp: 91953
Ion Ratio Lower Upper
74 100
45 97.6 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.563 ug/l

RT: 3.74 min Scan# 612

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

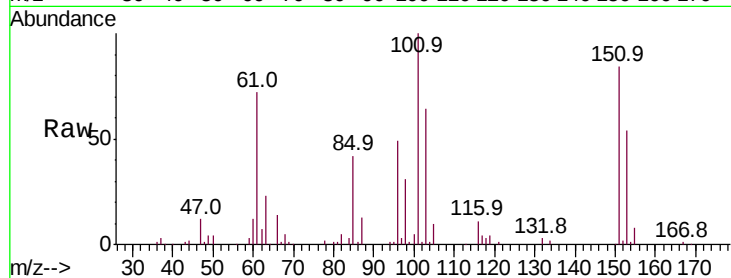
Tot Ion:101 Resp: 139667

Ion Ratio Lower Upper

101 100

85 42.5 33.4 50.2

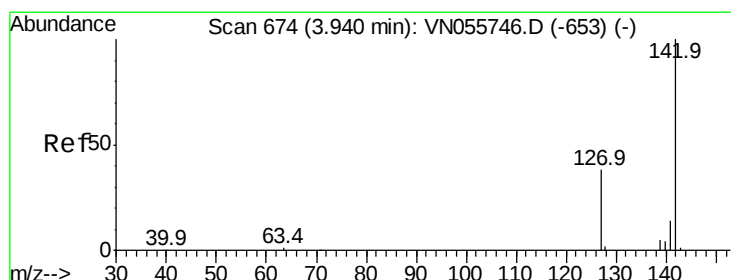
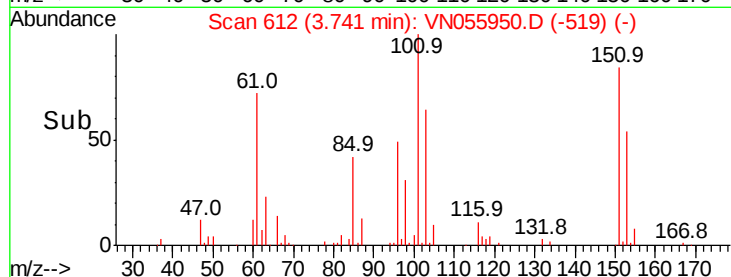
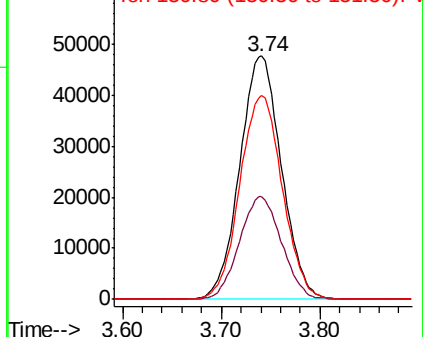
151 85.2 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.825 ug/l

RT: 3.94 min Scan# 674

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

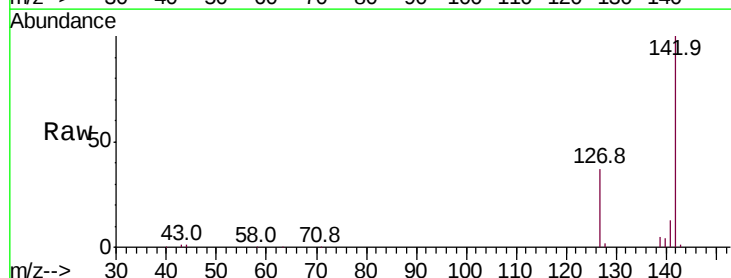
Tgt Ion:142 Resp: 201327

Ion Ratio Lower Upper

142 100

127 37.9 31.0 46.4

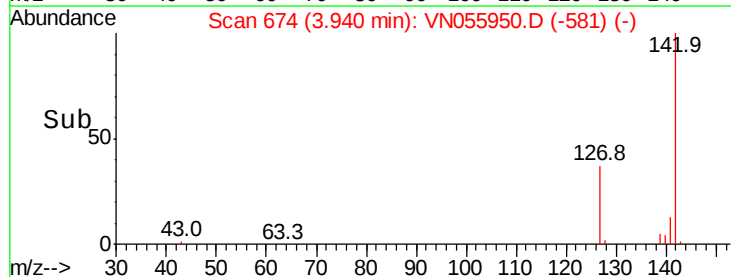
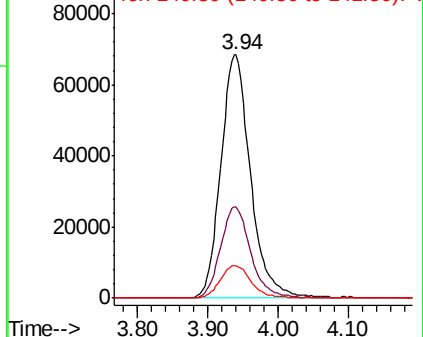
141 13.8 11.4 17.0

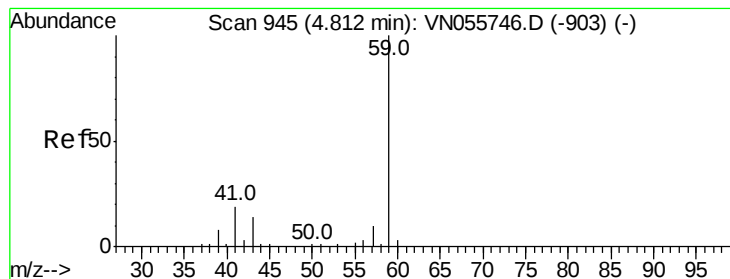


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



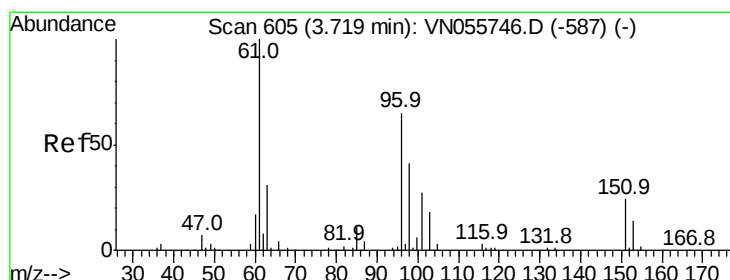
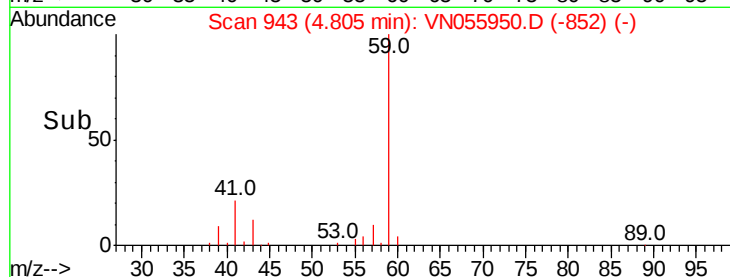
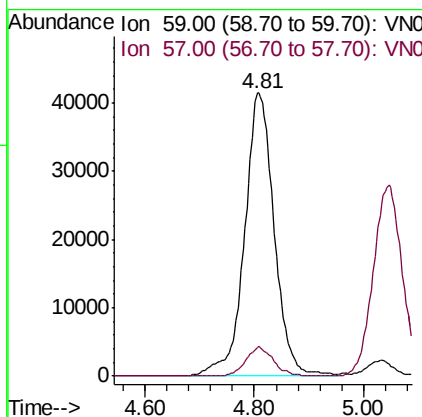
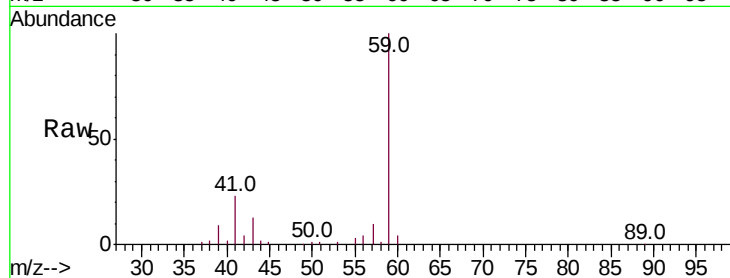


#11

Tert butyl alcohol
 Concen: 246.669 ug/l
 RT: 4.81 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Instrument :
 MSVOA_N
 ClientSampled :

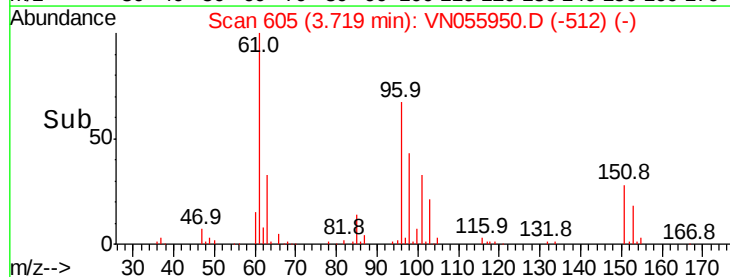
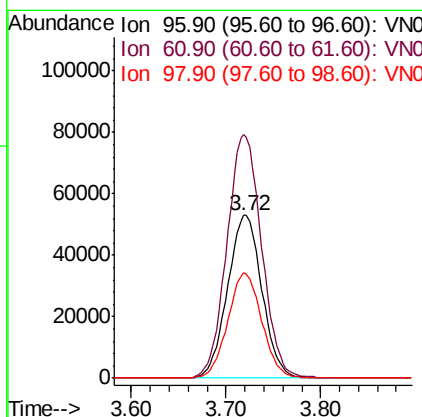
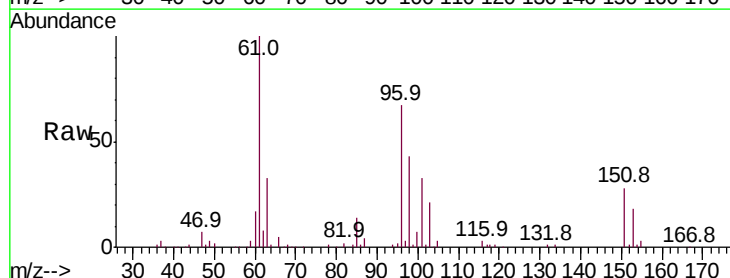
Tot Ion: 59 Resp: 157125
 Ion Ratio Lower Upper
 59 100
 57 9.5 7.8 11.6

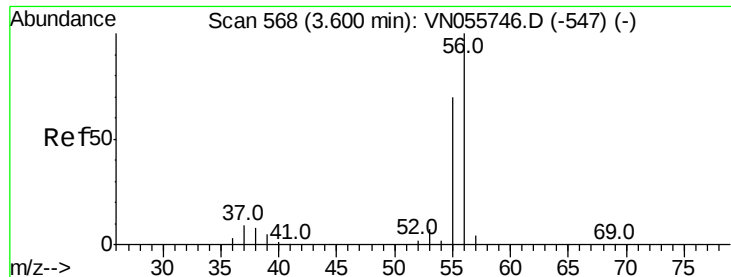


#12

1,1-Dichloroethene
 Concen: 48.737 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion: 96 Resp: 133808
 Ion Ratio Lower Upper
 96 100
 61 149.3 123.2 184.8
 98 64.7 50.4 75.6





#13

Acrolein

Concen: 256.188 ug/l

RT: 3.60 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

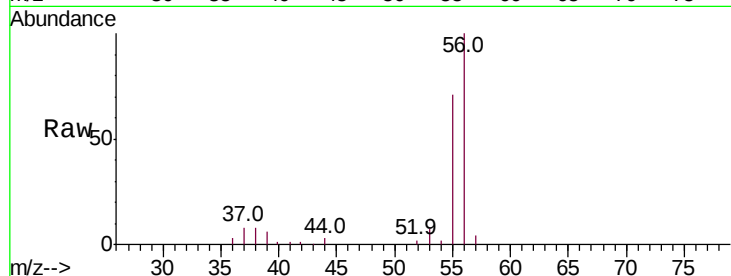
ClientSampled :

Tot Ion: 56 Resp: 116850

Ion Ratio Lower Upper

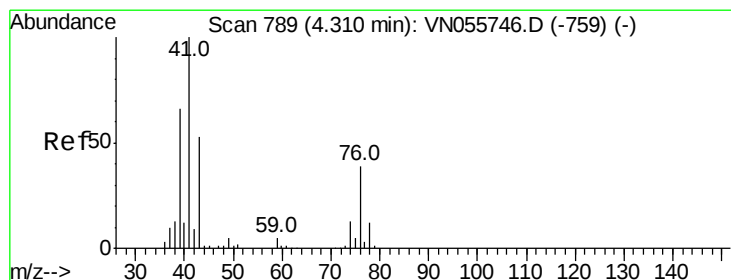
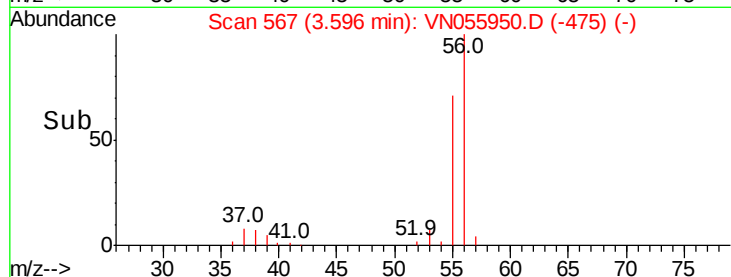
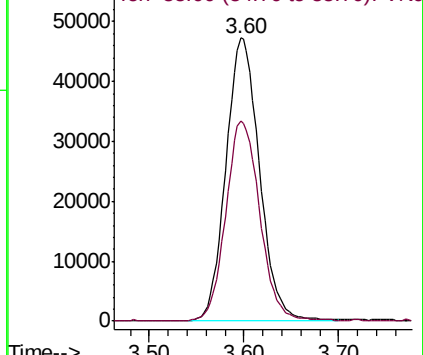
56 100

55 71.3 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.633 ug/l

RT: 4.31 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

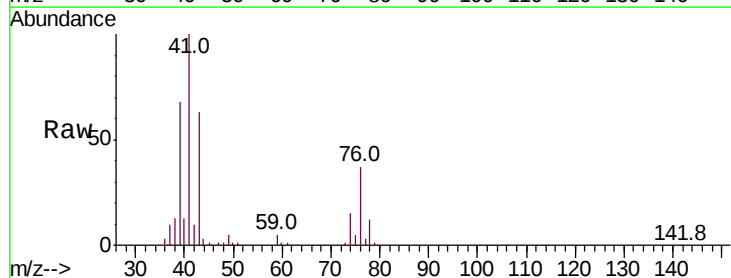
Tgt Ion: 41 Resp: 233605

Ion Ratio Lower Upper

41 100

39 61.5 50.0 75.0

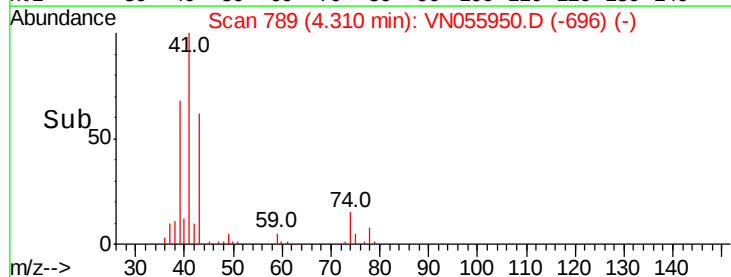
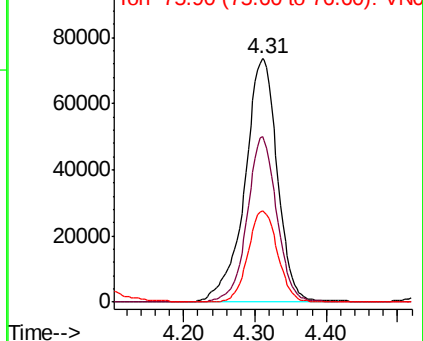
76 33.8 28.2 42.2

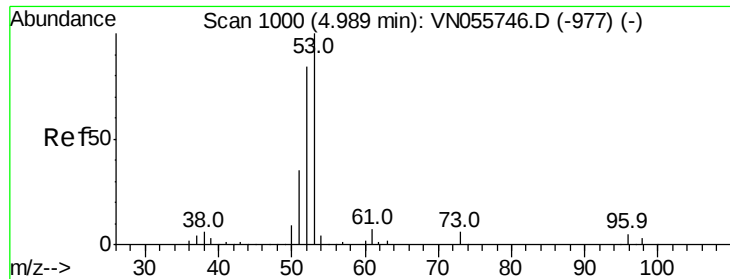


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

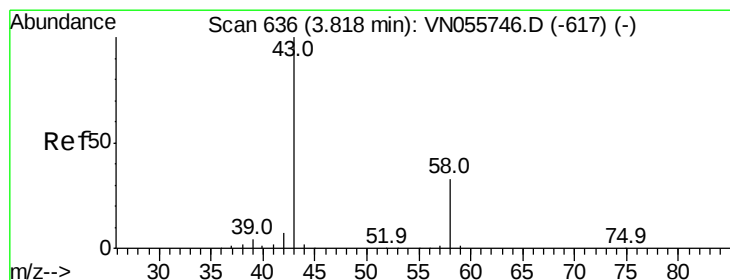
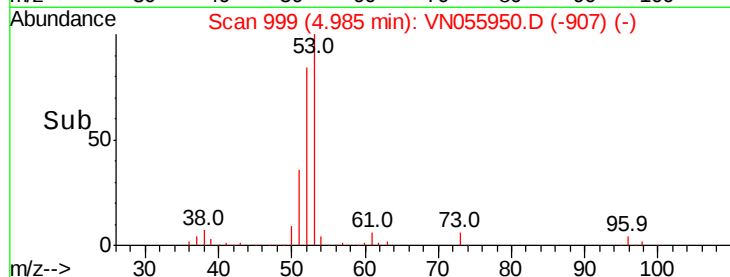
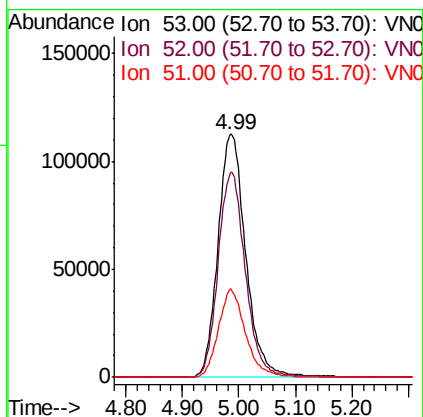
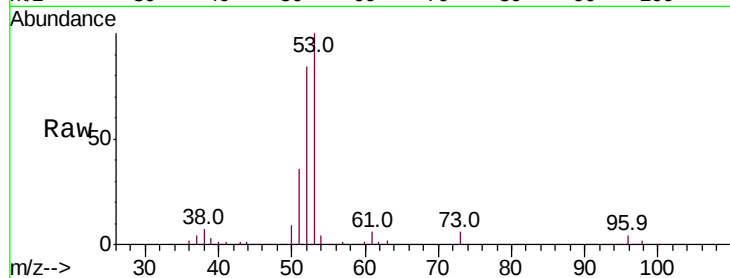




#15
 Acrylonitrile
 Concen: 262.755 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. -0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

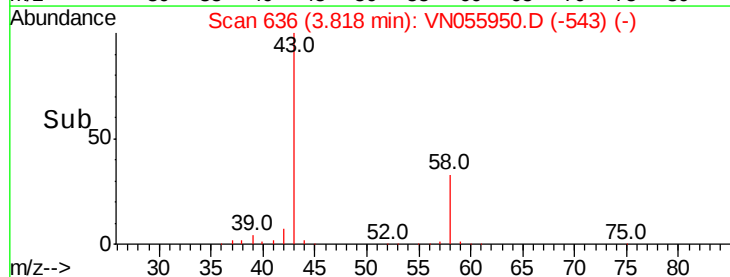
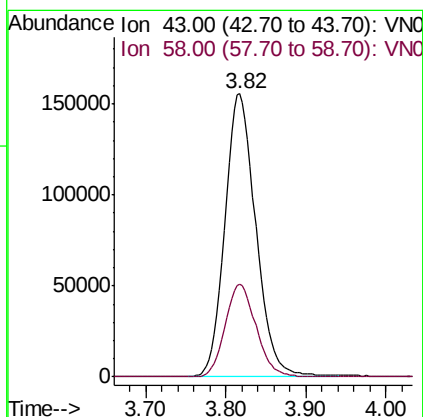
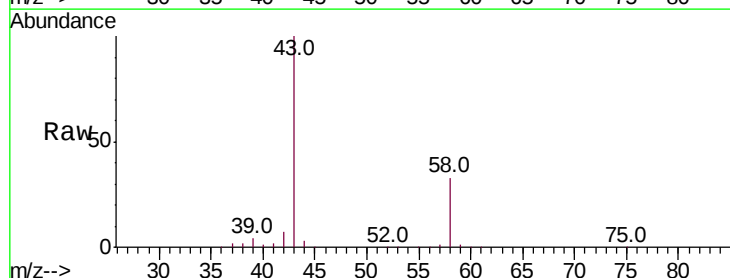
Instrument :
 MSVOA_N
 ClientSampled :

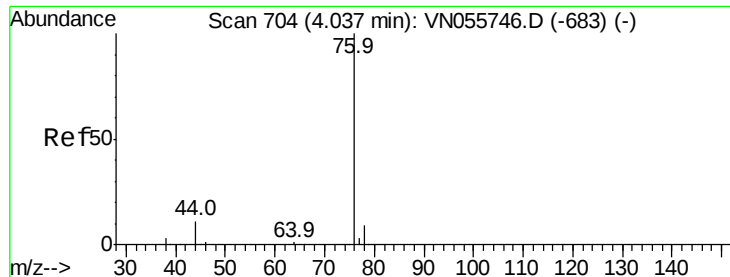
Tot Ion: 53 Resp: 384328
 Ion Ratio Lower Upper
 53 100
 52 82.7 65.8 98.8
 51 35.4 28.2 42.4



#16
 Acetone
 Concen: 278.232 ug/l
 RT: 3.82 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion: 43 Resp: 407745
 Ion Ratio Lower Upper
 43 100
 58 32.9 26.6 39.8

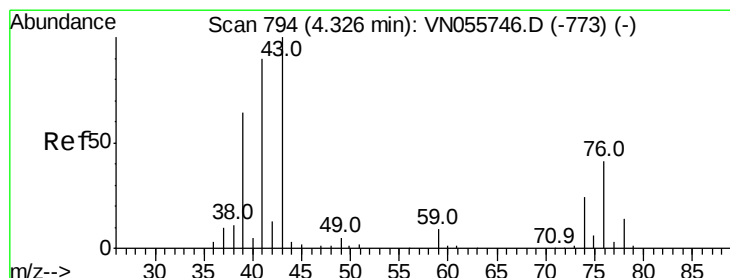
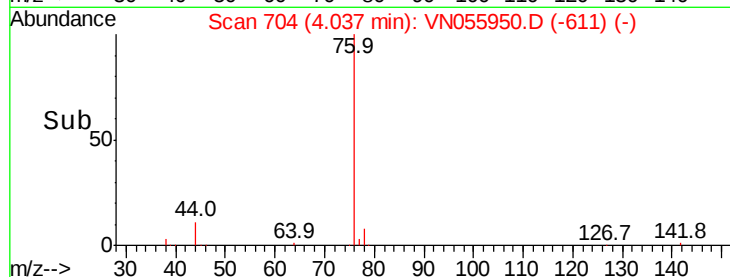
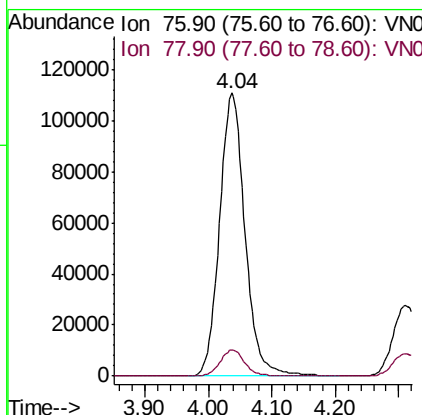
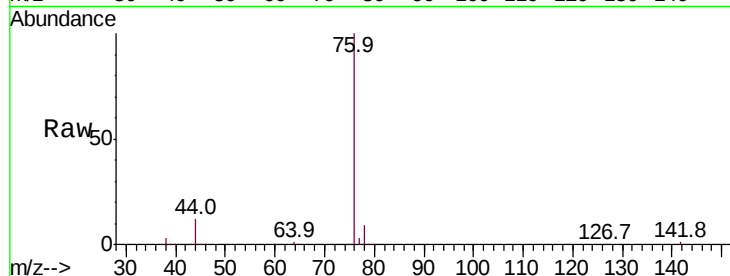




#17
Carbon Disulfide
Concen: 39.364 ug/l
RT: 4.04 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

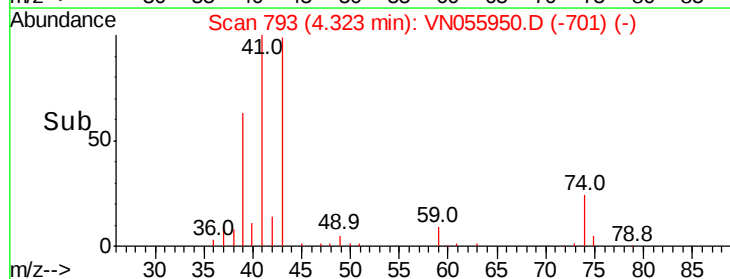
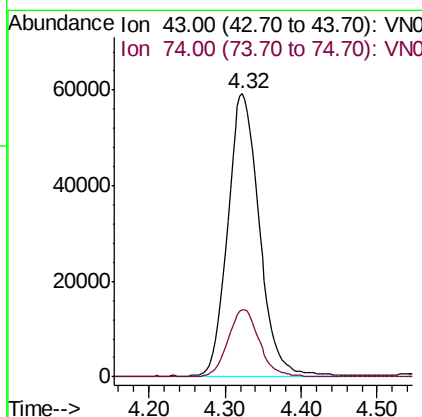
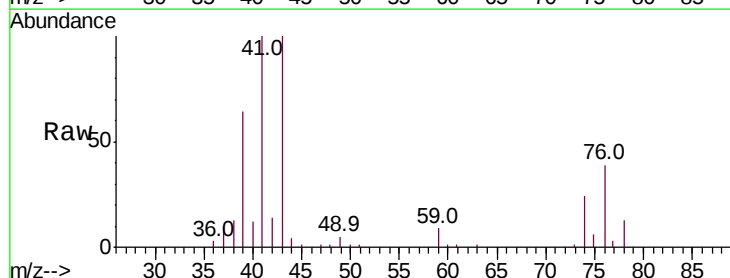
Instrument :
MSVOA_N
ClientSampled :

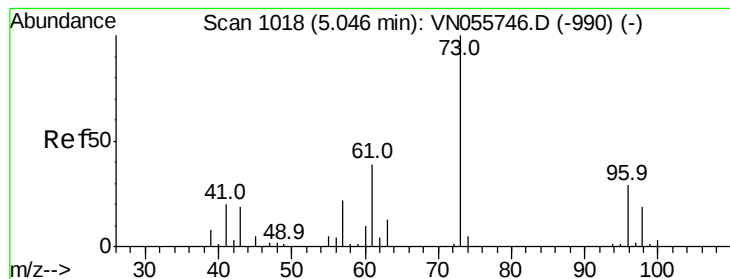
Tot Ion: 76 Resp: 307057
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2



#18
Methyl Acetate
Concen: 57.057 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 43 Resp: 169459
Ion Ratio Lower Upper
43 100
74 23.9 19.3 28.9



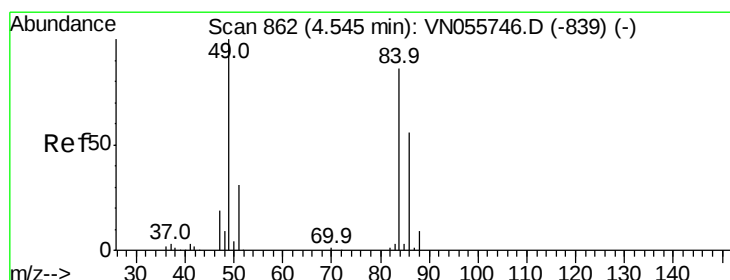
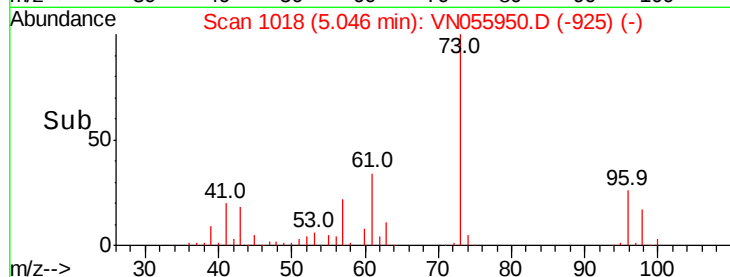
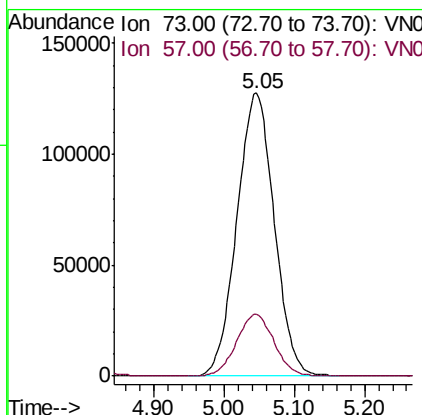
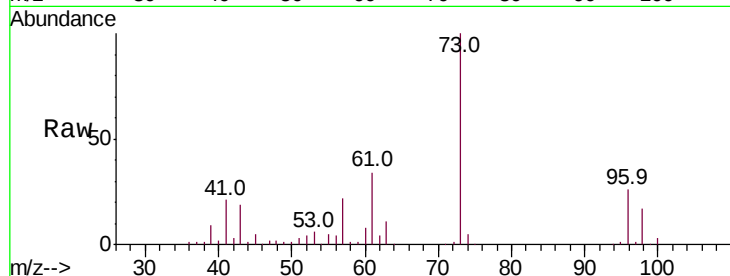


#19

Methyl tert-butyl Ether
 Concen: 51.364 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Instrument :
 MSVOA_N
 ClientSampled :

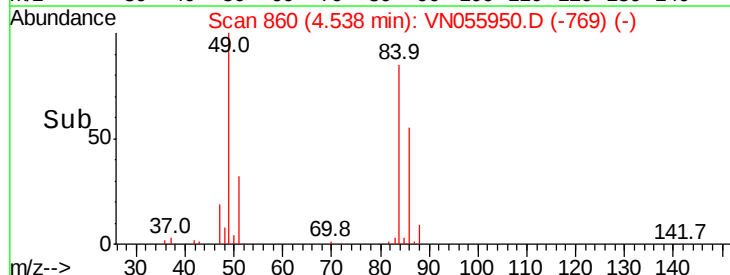
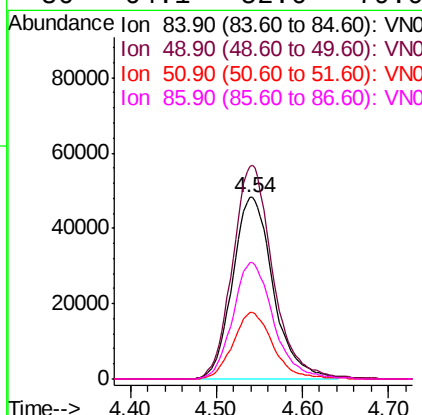
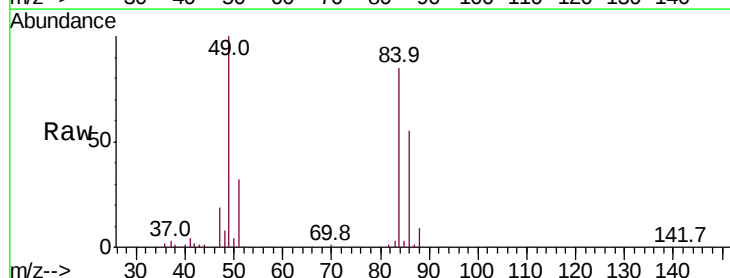
Tot Ion: 73 Resp: 470323
 Ion Ratio Lower Upper
 73 100
 57 21.9 17.8 26.8

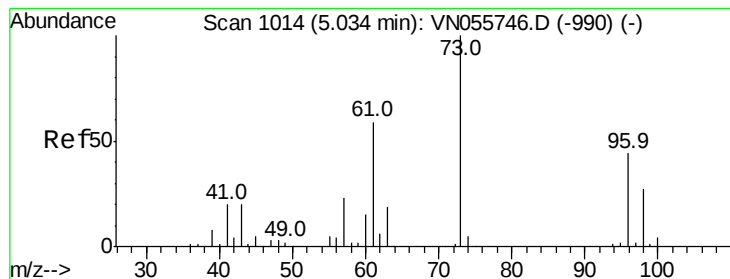


#20

Methylene Chloride
 Concen: 50.016 ug/l
 RT: 4.54 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion: 84 Resp: 158739
 Ion Ratio Lower Upper
 84 100
 49 117.2 93.5 140.3
 51 37.1 28.6 43.0
 86 64.1 52.6 79.0



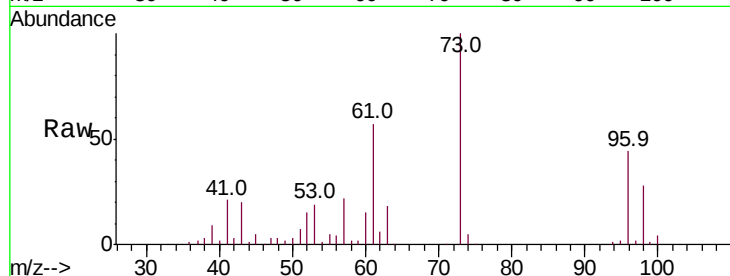


#21

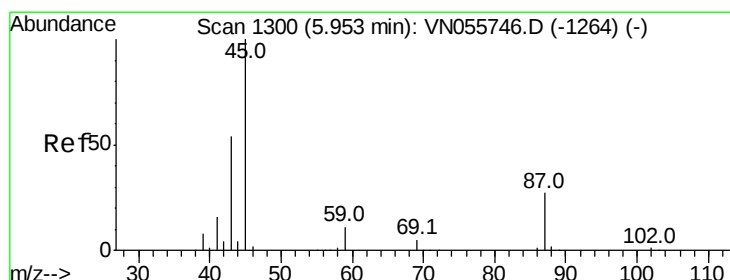
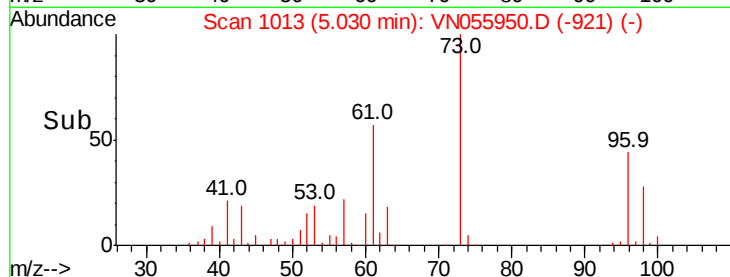
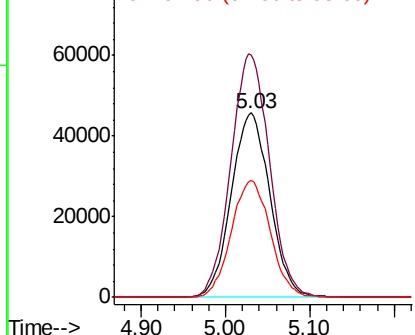
trans-1,2-Dichloroethene
Concen: 49.392 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 145686
Ion Ratio Lower Upper
96 100
61 131.5 107.8 161.8
98 63.2 49.8 74.8



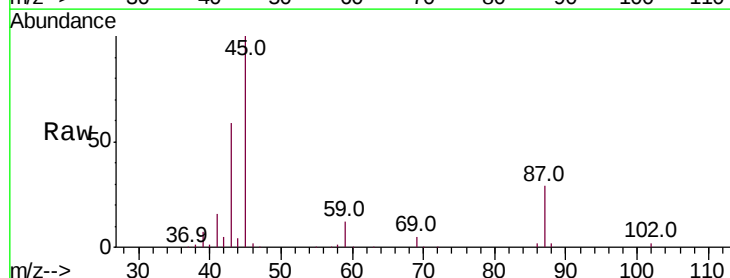
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



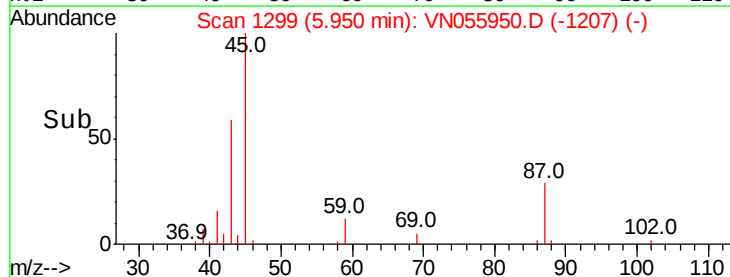
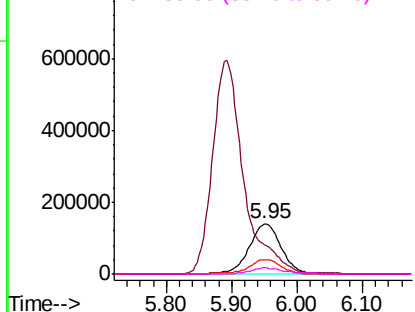
#22

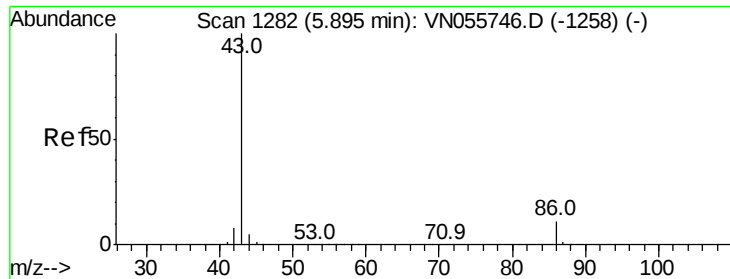
Diisopropyl ether
Concen: 52.363 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 45 Resp: 479341
Ion Ratio Lower Upper
45 100
43 57.1 45.0 67.6
87 28.4 22.2 33.4
59 11.5 9.1 13.7



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

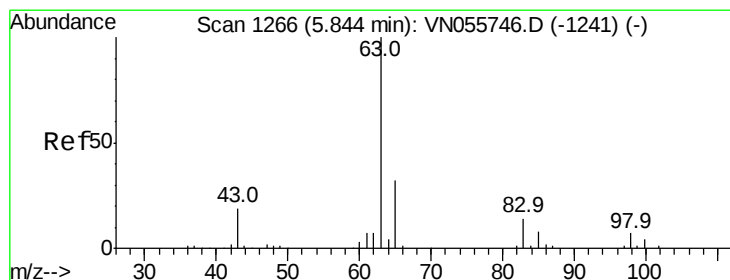
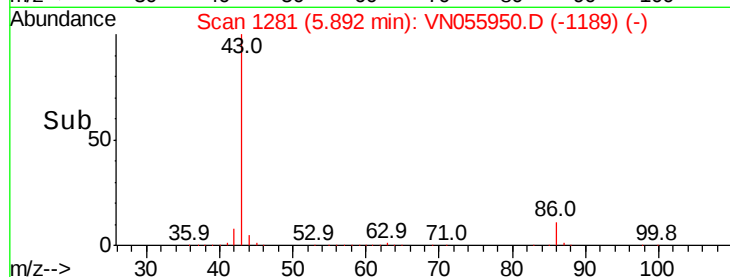
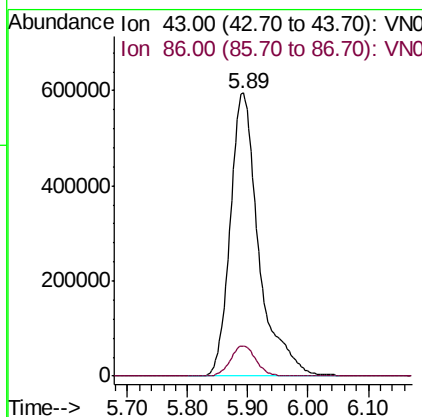
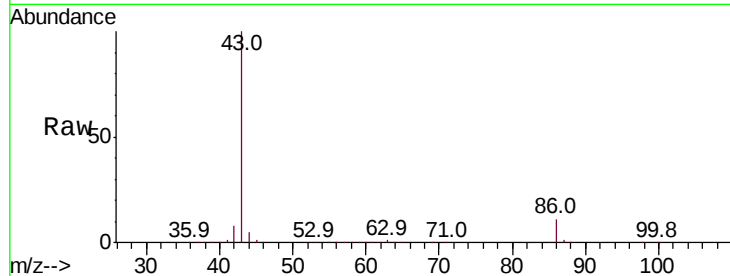




#23
 Vinyl Acetate
 Concen: 251.552 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

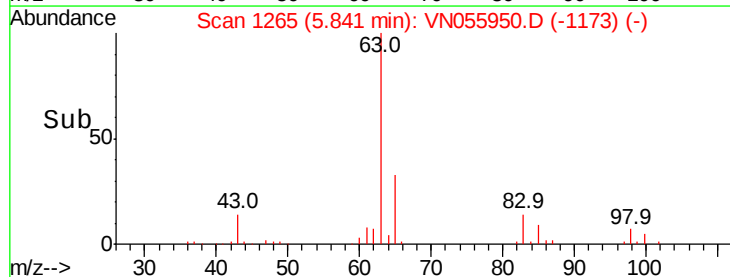
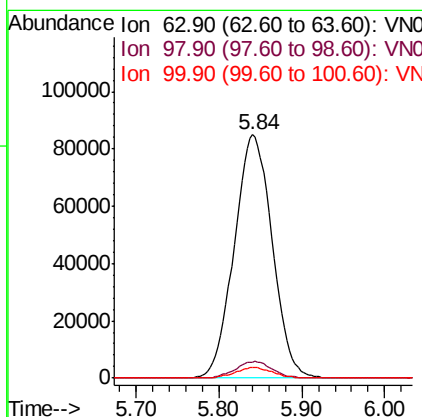
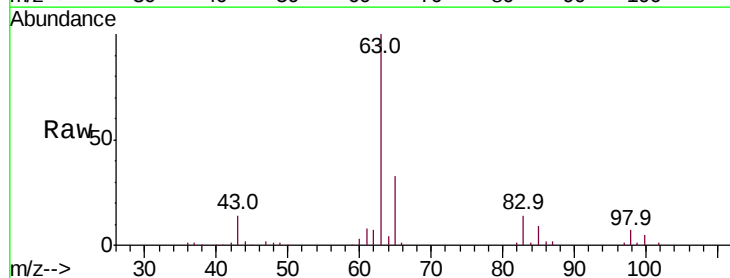
Instrument :
 MSVOA_N
 ClientSampleId :

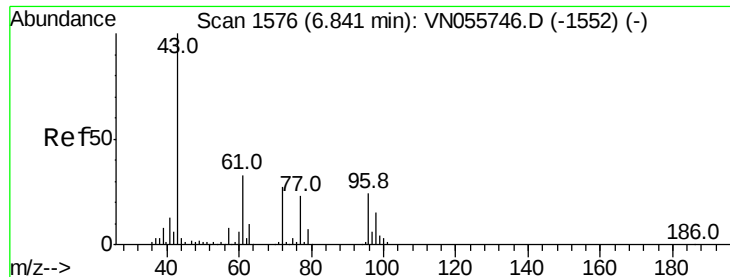
Tot Ion: 43 Resp: 1974353
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 50.696 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion: 63 Resp: 270205
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.4 10.1
 100 4.6 2.2 6.6





#25

2-Butanone

Concen: 267.196 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

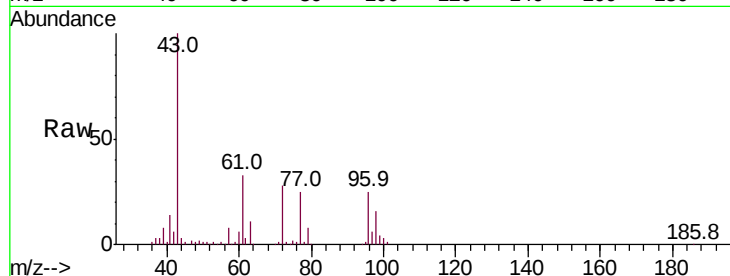
ClientSampled :

Tot Ion: 43 Resp: 546862

Ion Ratio Lower Upper

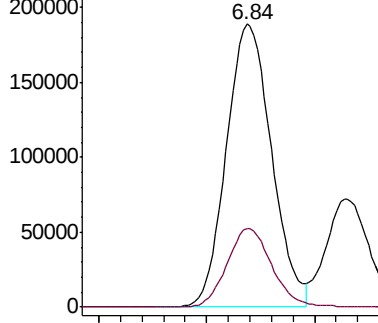
43 100

72 28.0 21.9 32.9

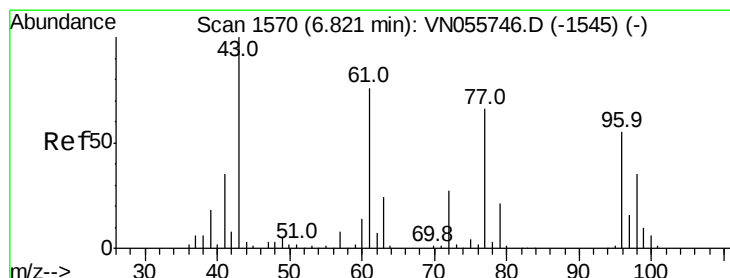
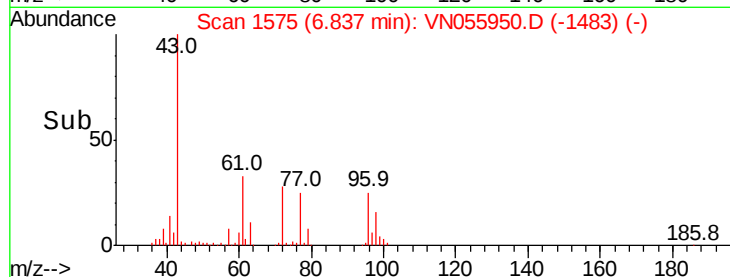


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 72.00 (71.70 to 72.70): VNO



Time-->



#26

2,2-Dichloropropane

Concen: 48.718 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN055950.D

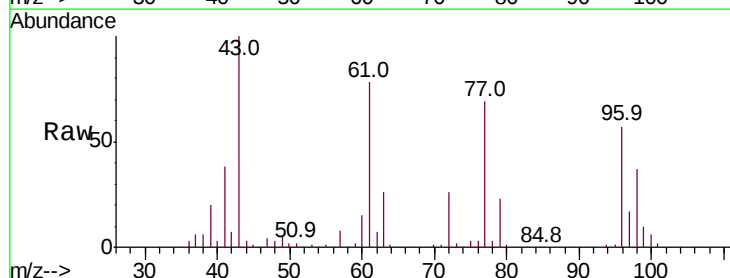
Acq: 3 Jun 2019 9:55

Tgt Ion: 77 Resp: 224722

Ion Ratio Lower Upper

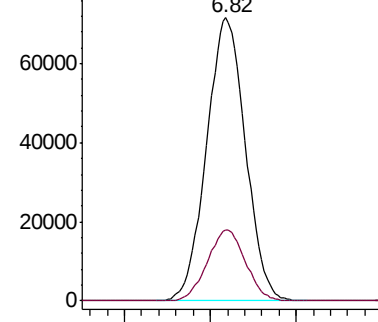
77 100

97 24.5 12.2 36.6

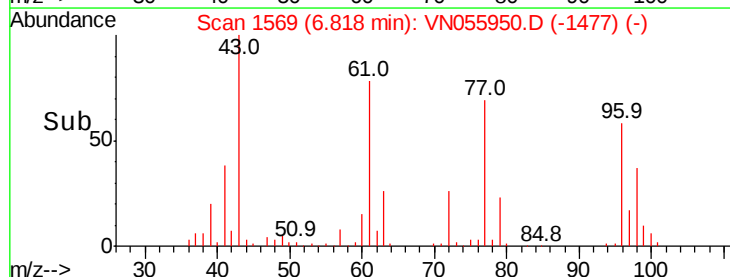


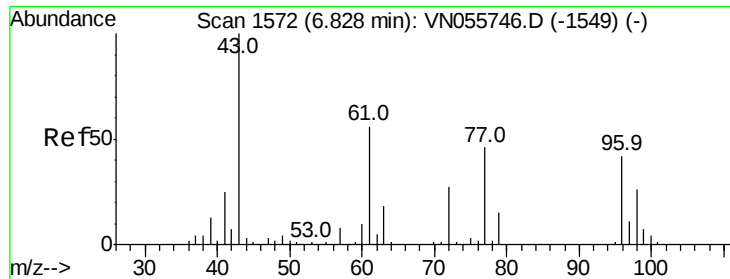
Abundance Ion 76.90 (76.60 to 77.60): VNO

Ion 96.90 (96.60 to 97.60): VNO



Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.635 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampled :

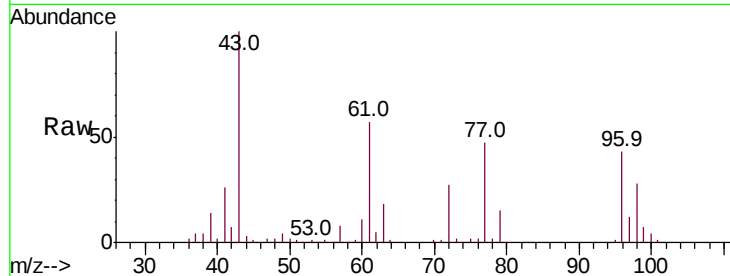
Tot Ion: 96 Resp: 177688

Ion Ratio Lower Upper

96 100

61 136.3 0.0 275.8

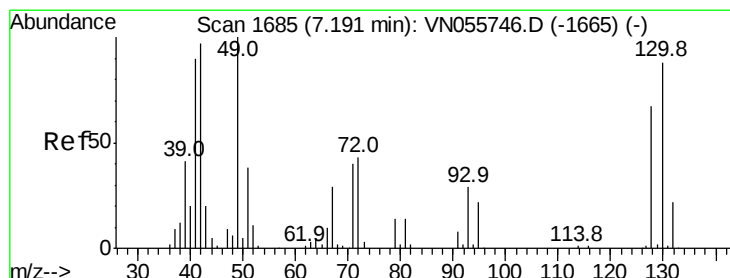
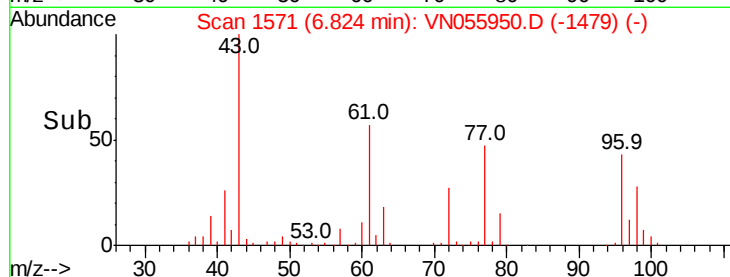
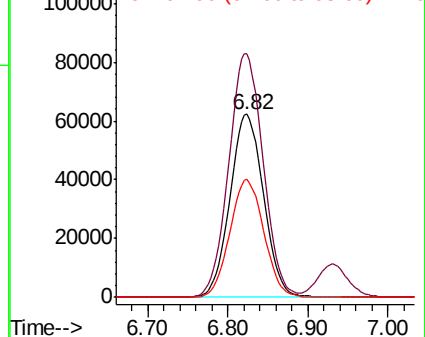
98 65.0 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 50.276 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

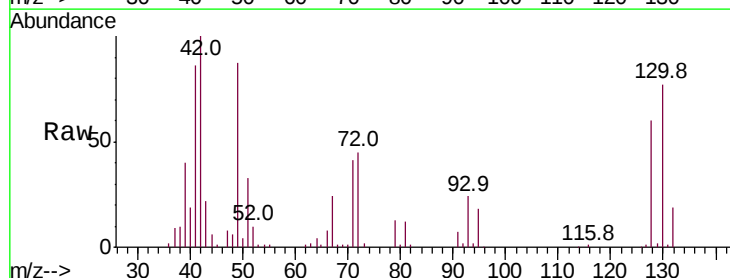
Tgt Ion: 49 Resp: 127582

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

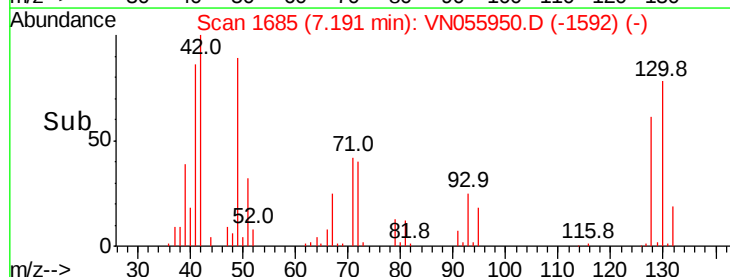
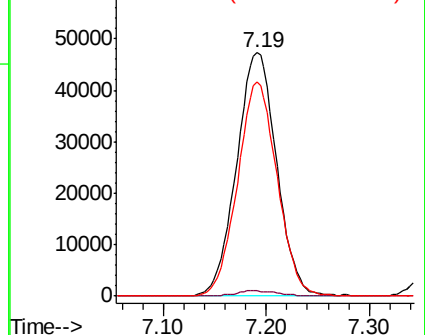
130 86.9 71.2 106.8

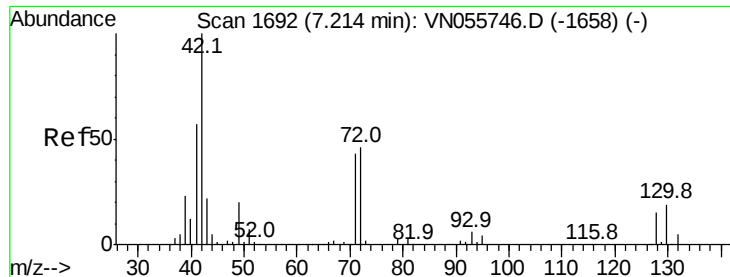


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

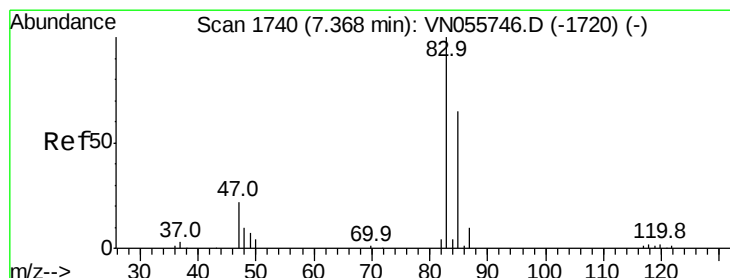
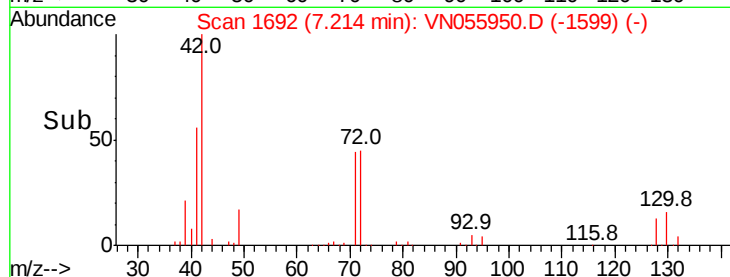
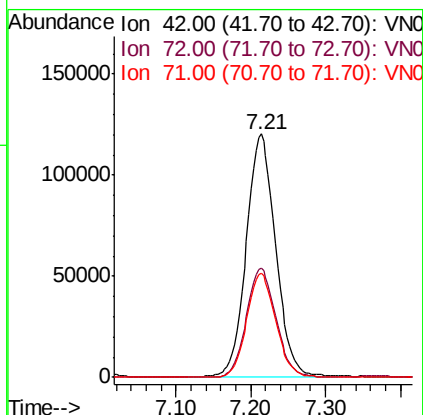
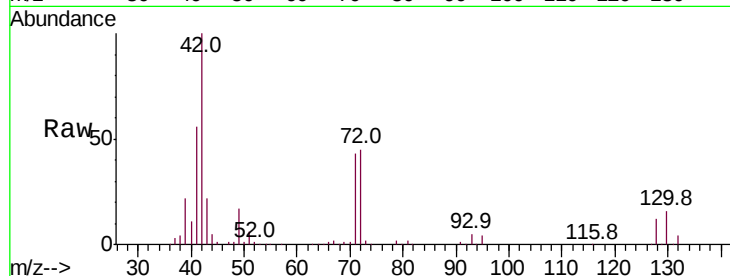




#29
Tetrahydrofuran
Concen: 255.161 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

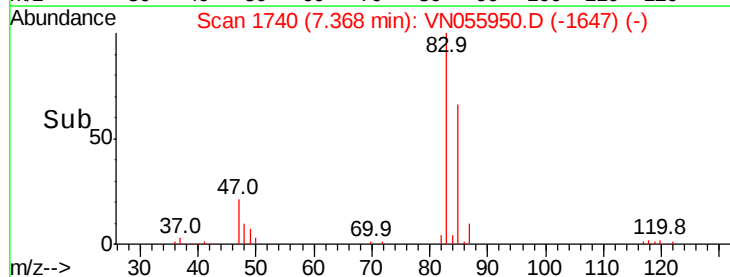
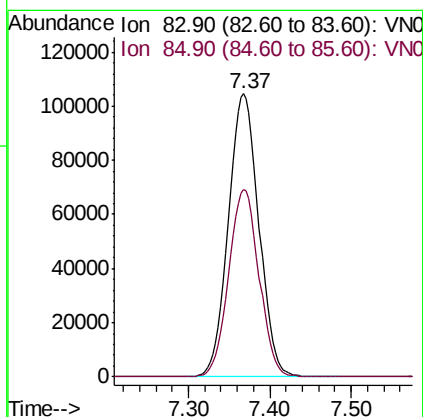
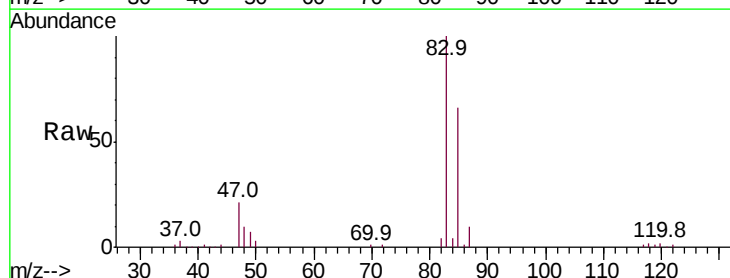
Instrument :
MSVOA_N
ClientSampleId :

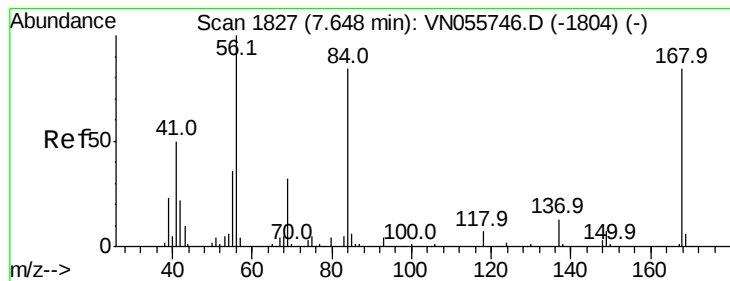
Tot Ion: 42 Resp: 330714
Ion Ratio Lower Upper
42 100
72 44.7 35.9 53.9
71 42.2 34.0 51.0



#30
Chloroform
Concen: 51.415 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 83 Resp: 273292
Ion Ratio Lower Upper
83 100
85 66.2 51.8 77.8





#31

Cyclohexane

Concen: 48.260 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :

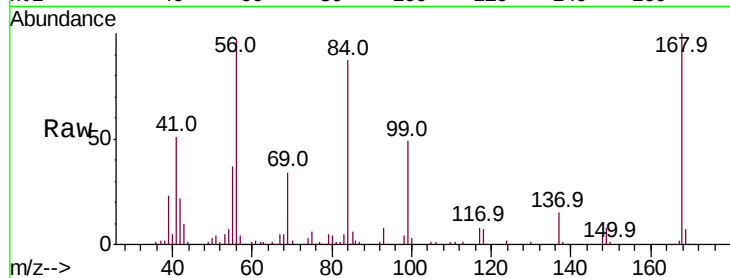
Tot Ion: 56 Resp: 241493

Ion Ratio Lower Upper

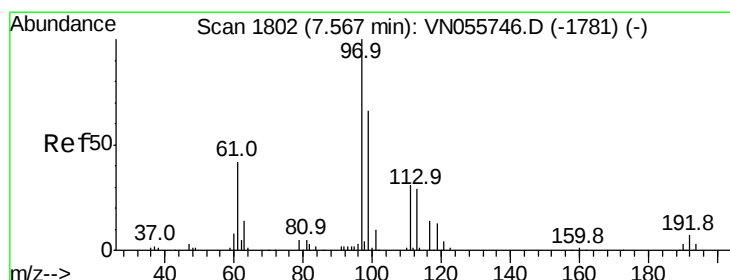
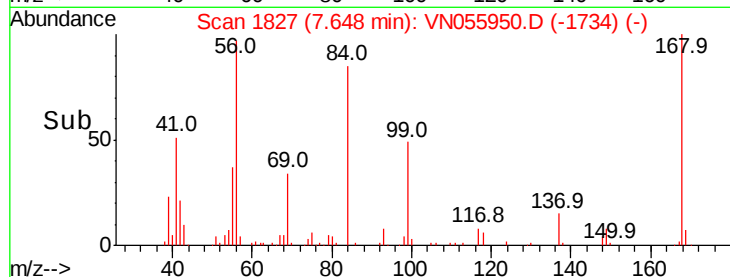
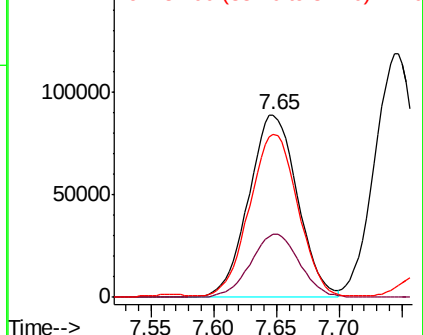
56 100

69 34.5 25.6 38.4

84 88.3 67.4 101.0



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: 48.622 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

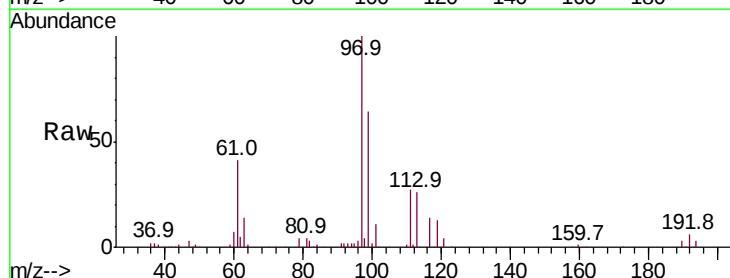
Tgt Ion: 97 Resp: 230627

Ion Ratio Lower Upper

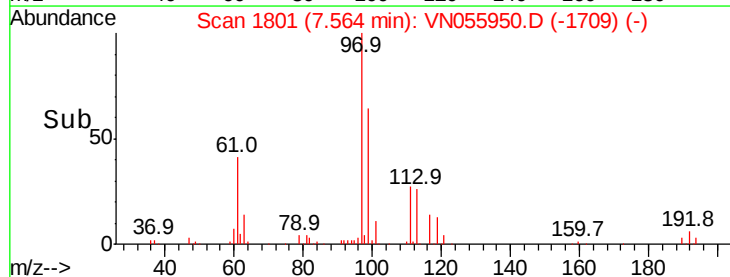
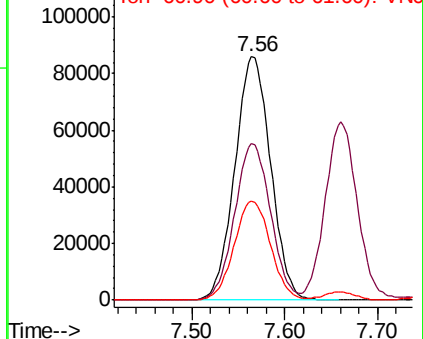
97 100

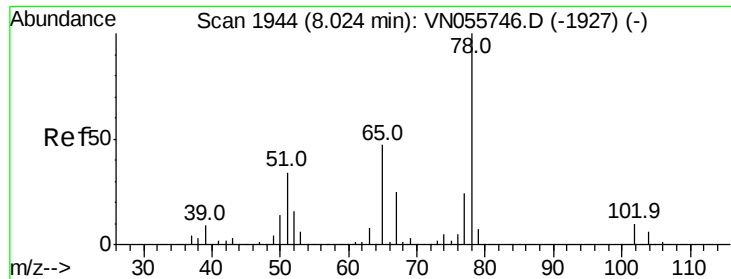
99 64.6 52.0 78.0

61 41.3 32.9 49.3



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

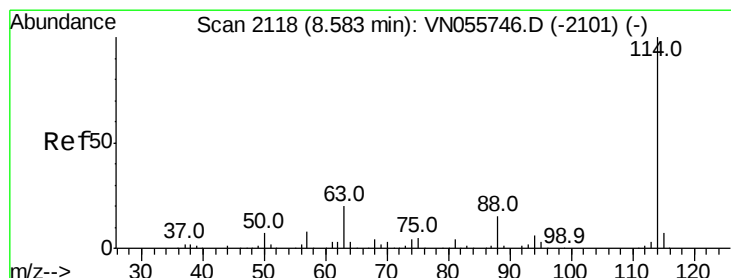
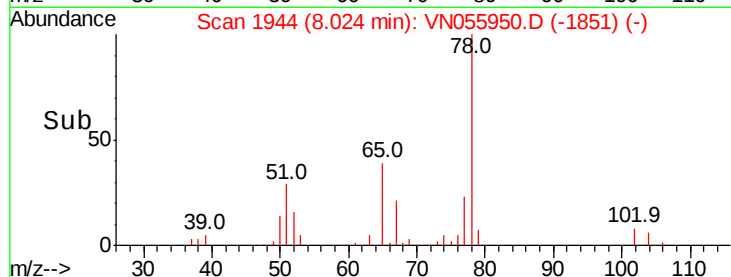
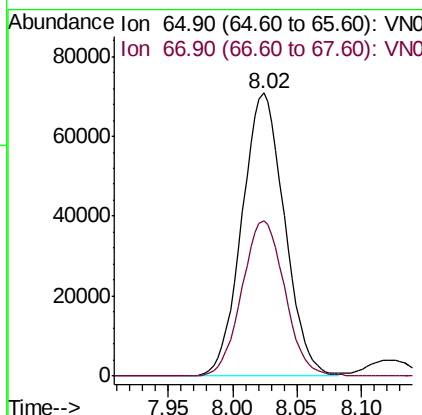
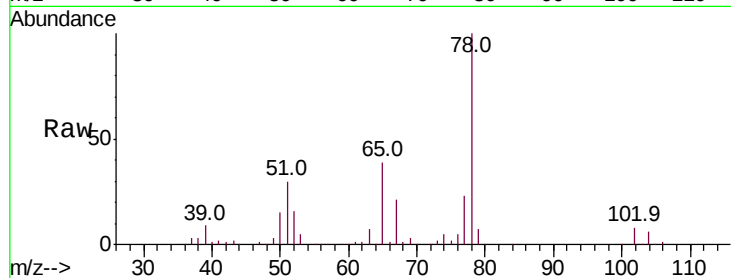




#33
 1,2-Dichloroethane-d4
 Concen: 48.968 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

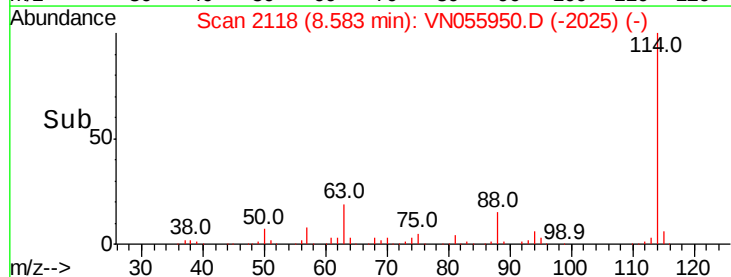
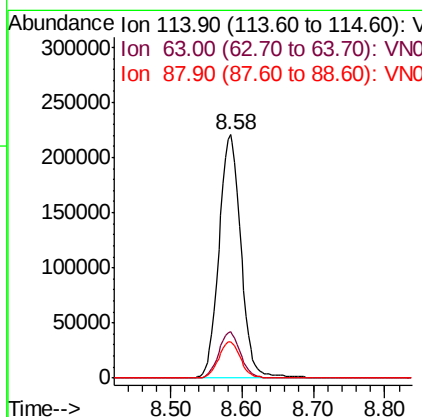
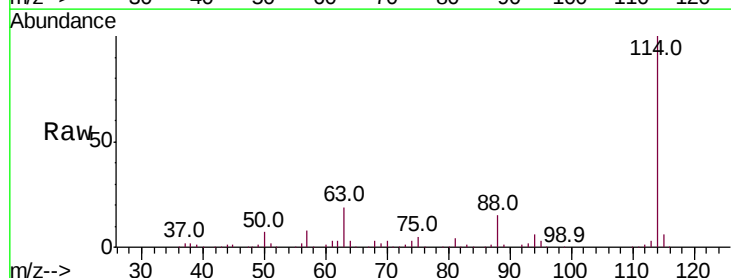
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 65 Resp: 163253
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion: 114 Resp: 470678
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 39.2
 88 15.1 0.0 31.0





#35

Dibromofluoromethane

Concen: 48.820 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :

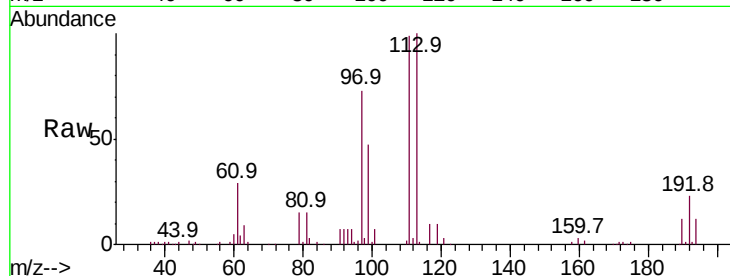
Tot Ion:113 Resp: 145279

Ion Ratio Lower Upper

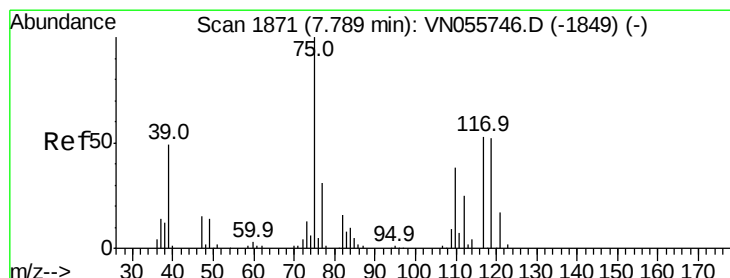
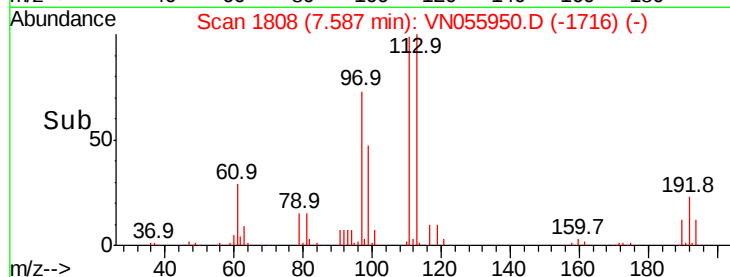
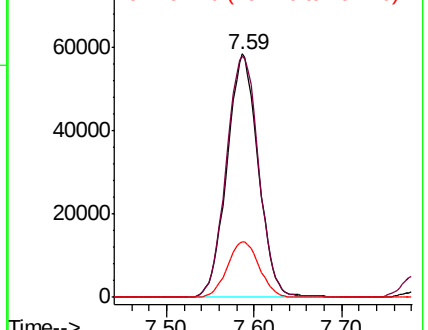
113 100

111 102.5 81.9 122.9

192 23.3 19.5 29.3



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.707 ug/l

RT: 7.79 min Scan# 1871

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

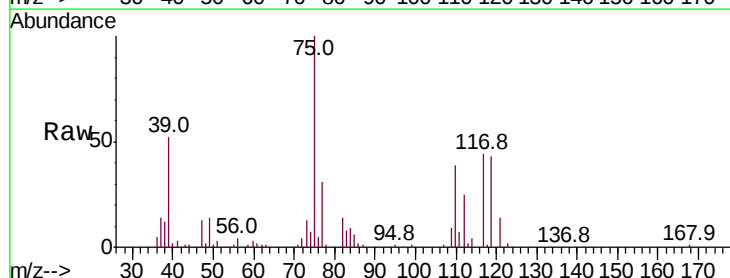
Tgt Ion: 75 Resp: 203884

Ion Ratio Lower Upper

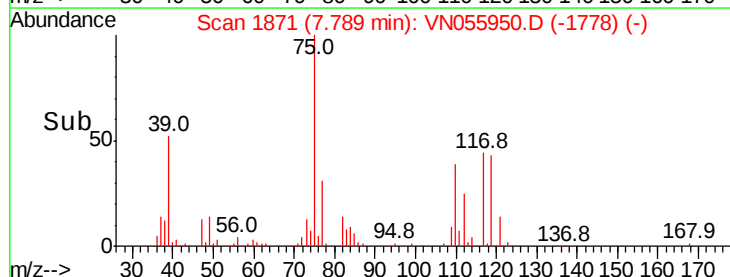
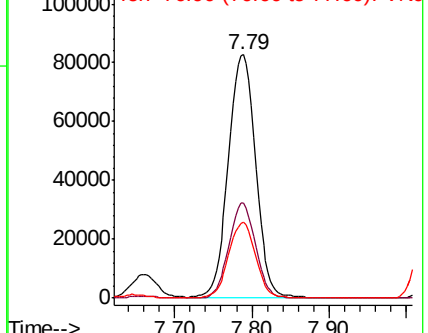
75 100

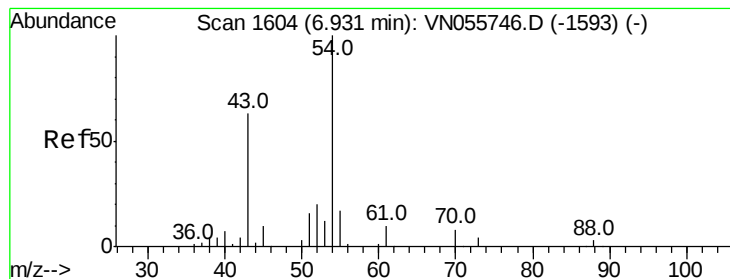
110 37.7 19.0 57.0

77 30.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): V





#37

Ethyl Acetate

Concen: 51.282 ug/l

RT: 6.93 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

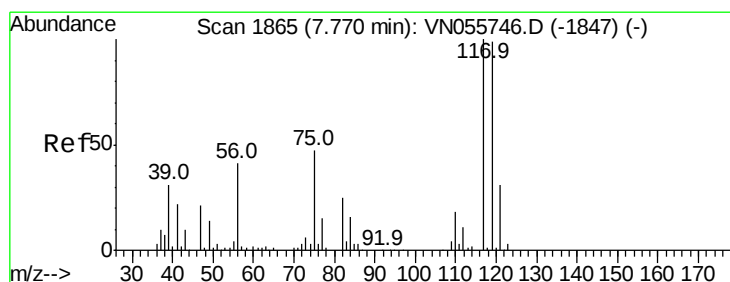
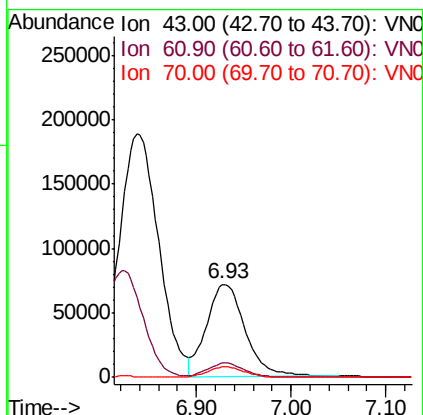
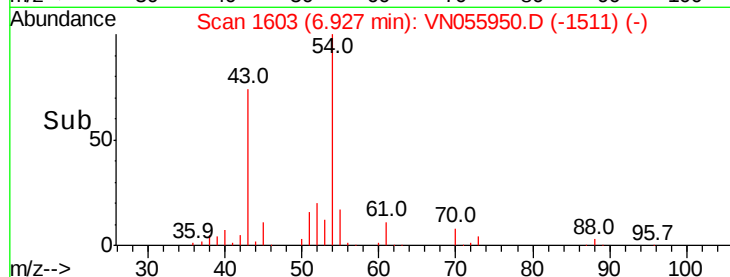
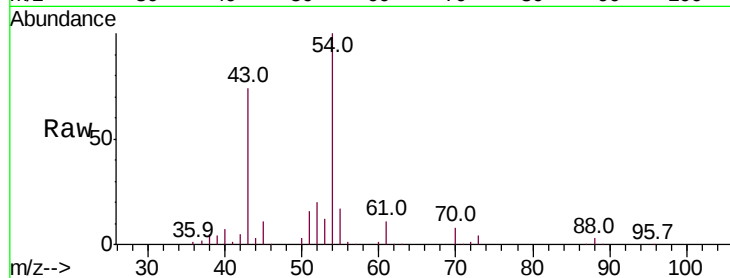
Tot Ion: 43 Resp: 203302

Ion Ratio Lower Upper

43 100

61 15.1 12.2 18.2

70 10.7 8.9 13.3



#38

Carbon Tetrachloride

Concen: 45.940 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

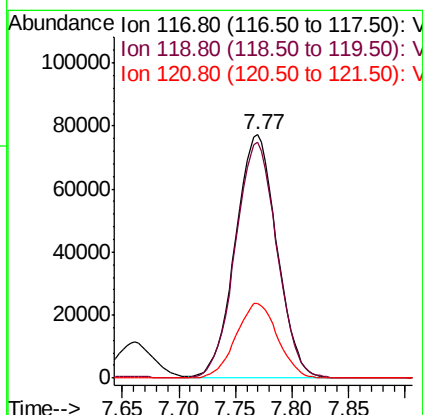
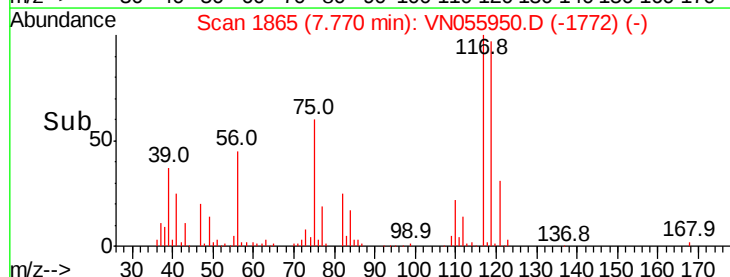
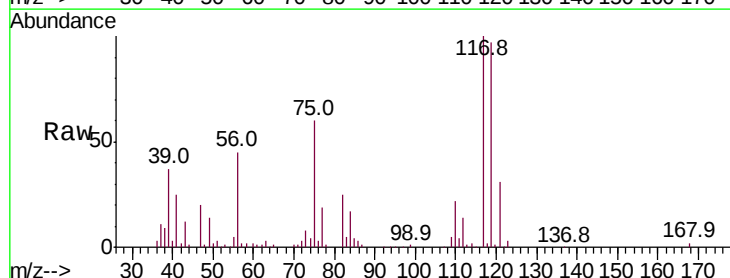
Tgt Ion: 117 Resp: 196280

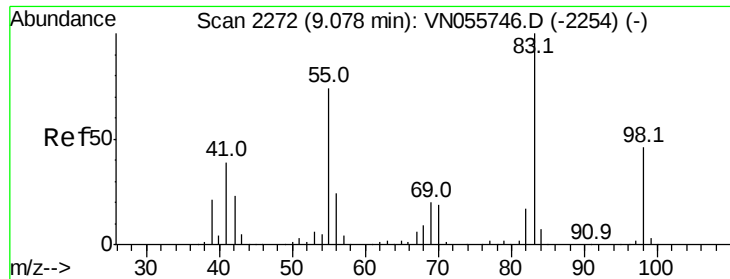
Ion Ratio Lower Upper

117 100

119 96.8 79.0 118.6

121 30.9 24.7 37.1

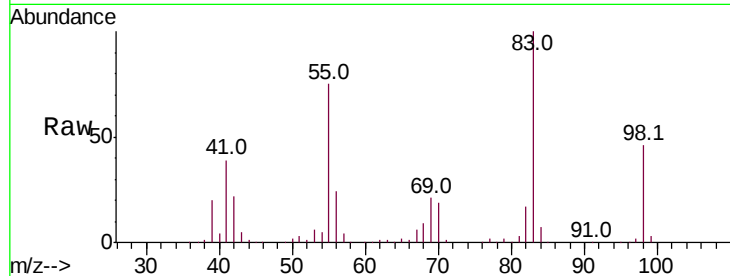




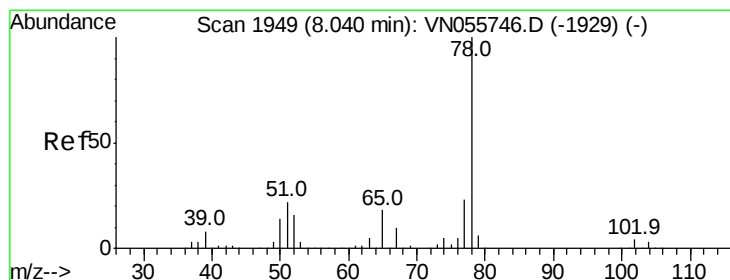
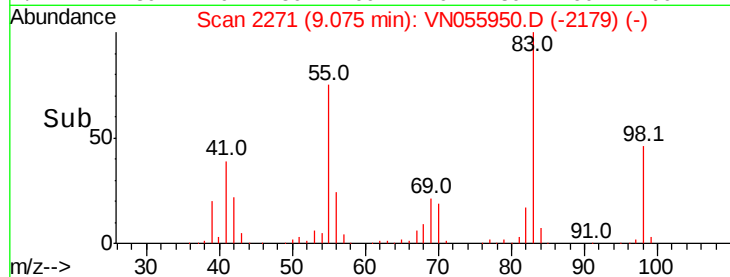
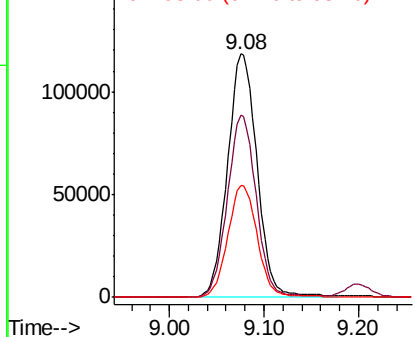
#39
Methvlcvclohexane
Concen: 50.717 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 257609
Ion Ratio Lower Upper
83 100
55 74.8 59.3 88.9
98 45.9 36.6 54.8

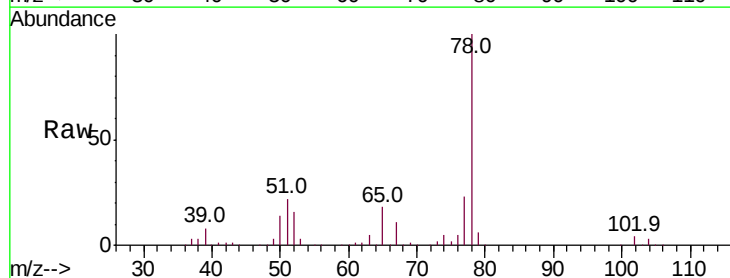


Abundance Ion 83.00 (82.70 to 83.70): VNO
Ion 55.00 (54.70 to 55.70): VNO
Ion 98.00 (97.70 to 98.70): VNO

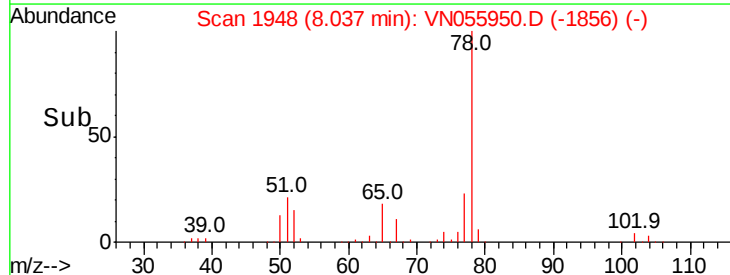
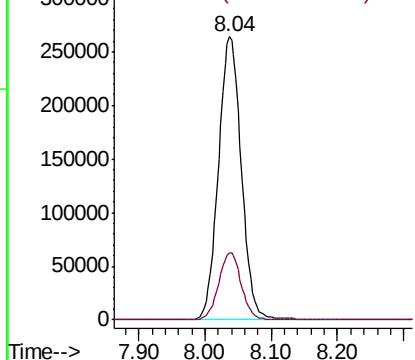


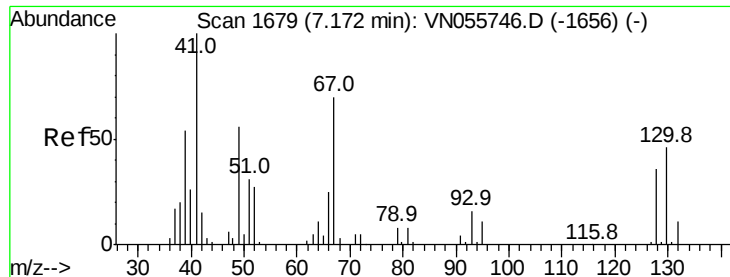
#40
Benzene
Concen: 51.167 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 78 Resp: 632524
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



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

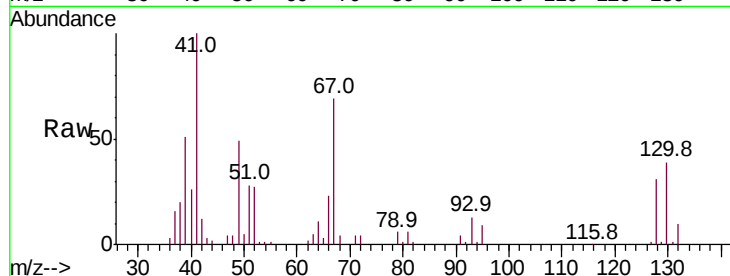




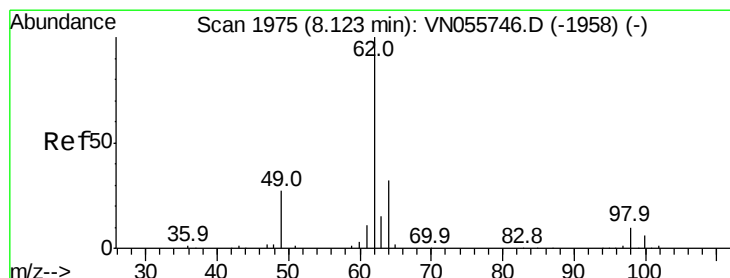
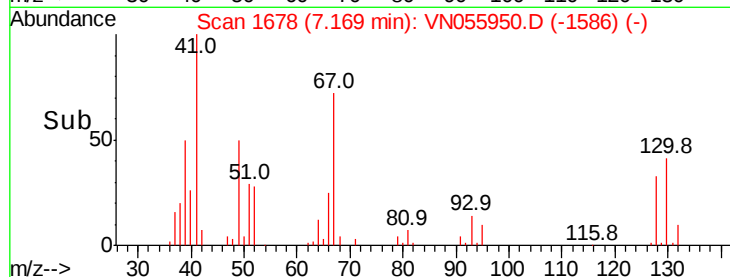
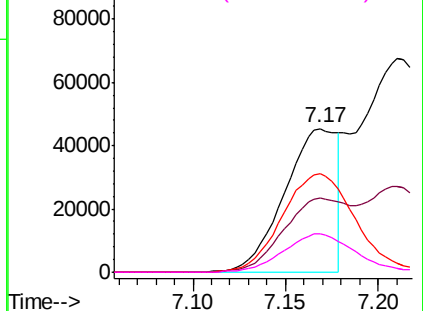
#41
Methacrylonitrile
Concen: 45.089 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 90305
Ion Ratio Lower Upper
41 100
39 65.9 45.6 68.4
67 95.4 67.7 101.5
52 36.6 26.6 40.0

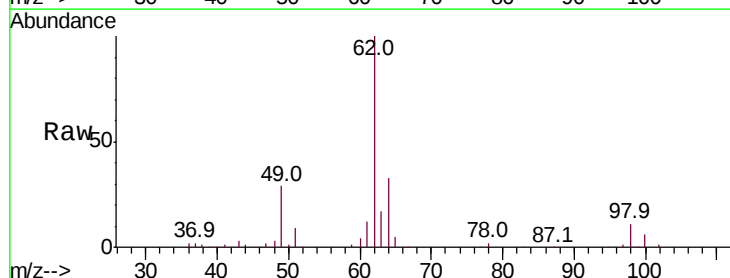


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

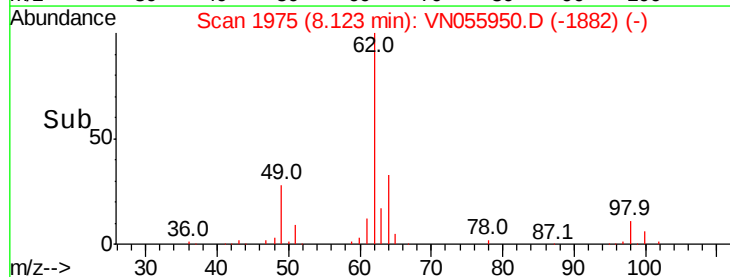
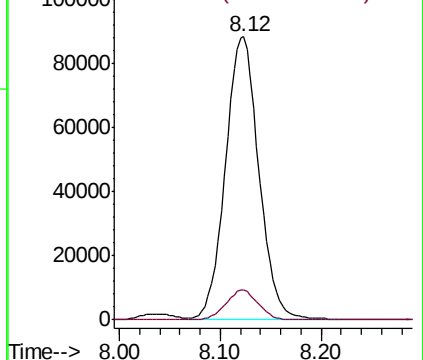


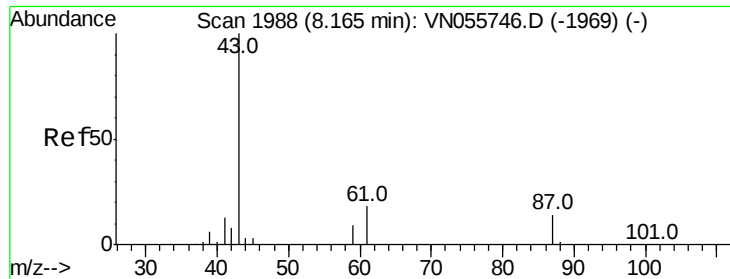
#42
1,2-Dichloroethane
Concen: 50.148 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 62 Resp: 202570
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 49.340 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

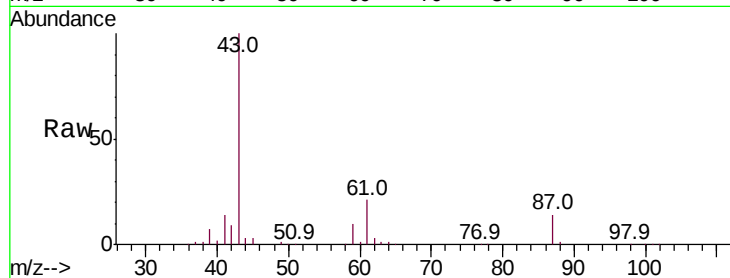
Tot Ion: 43 Resp: 328646

Ion Ratio Lower Upper

43 100

61 28.0 22.2 33.4

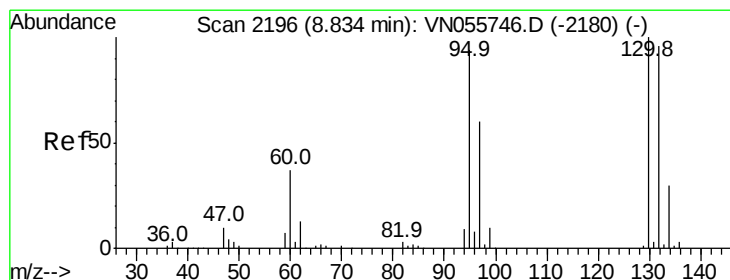
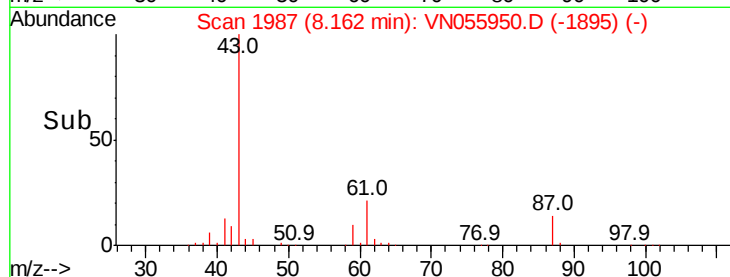
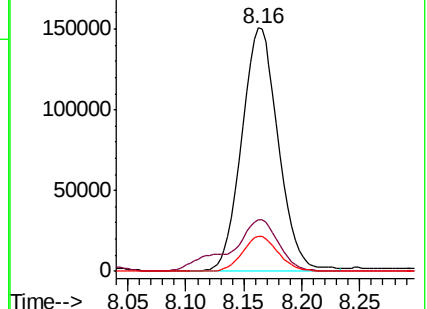
87 14.3 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055746.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN055746.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN055746.D (-1969) (-)



#44

Trichloroethene

Concen: 52.044 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN055950.D

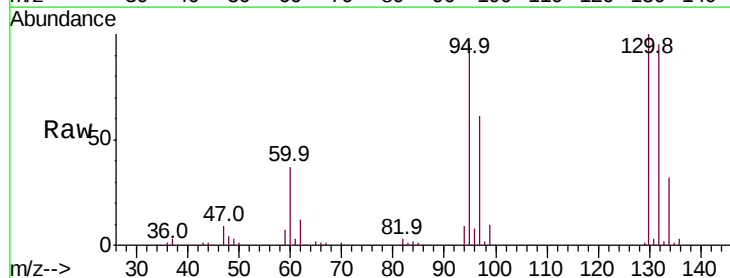
Acq: 3 Jun 2019 9:55

Tgt Ion:130 Resp: 179358

Ion Ratio Lower Upper

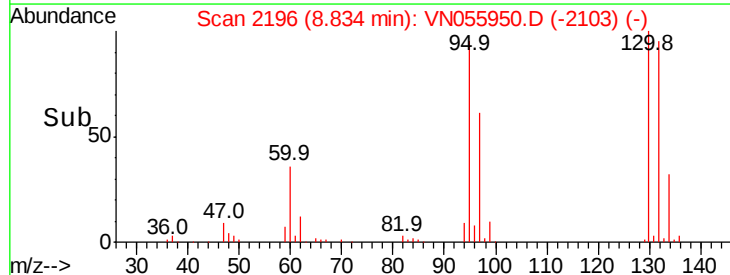
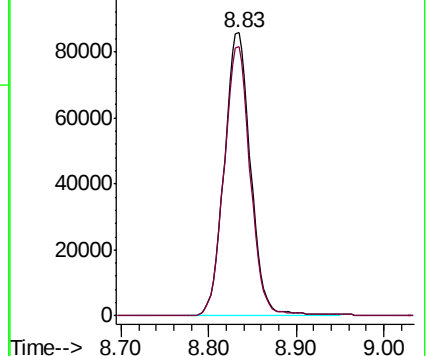
130 100

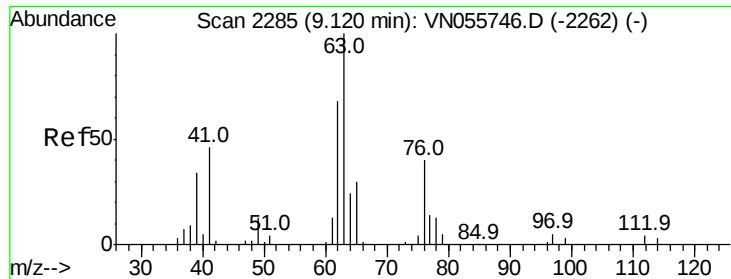
95 95.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055746.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN055746.D (-2180) (-)

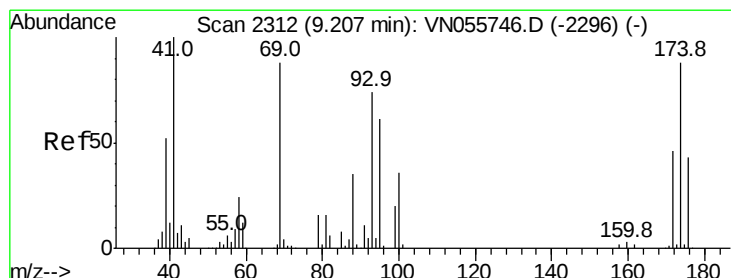
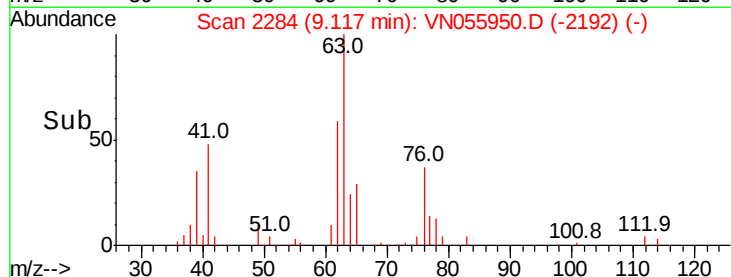
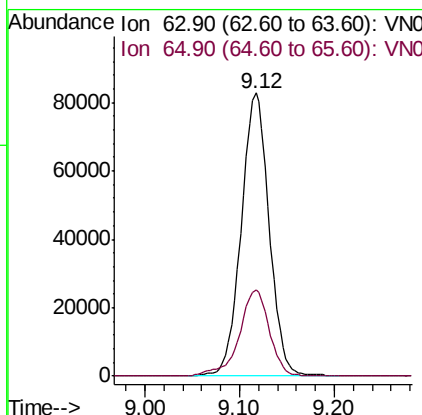
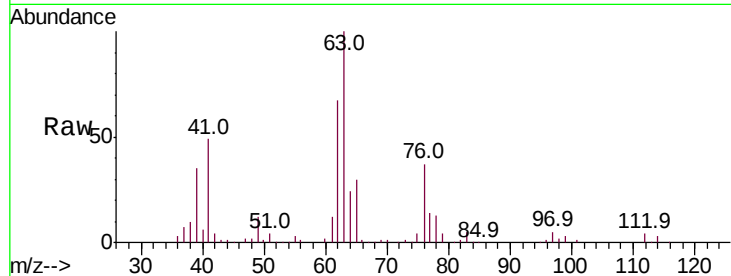




#45
 1,2-Dichloropropane
 Concen: 52.807 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

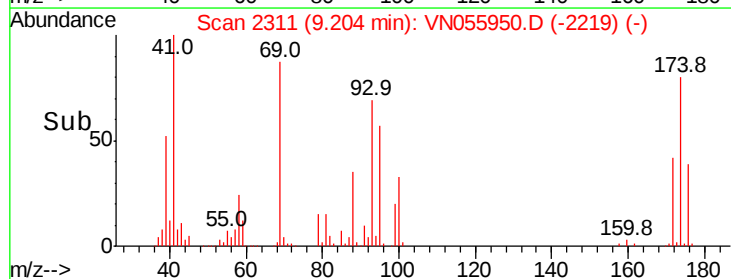
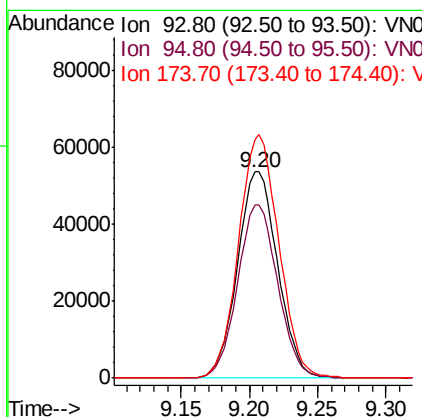
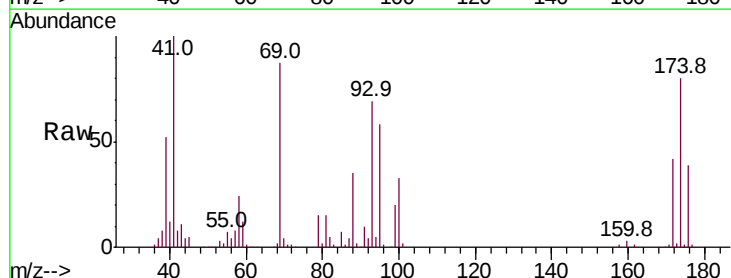
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 63 Resp: 170080
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 36.8



#46
 Dibromomethane
 Concen: 52.031 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion: 93 Resp: 109902
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 118.4 96.4 144.6





#47

Bromodichloromethane

Concen: 49.165 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

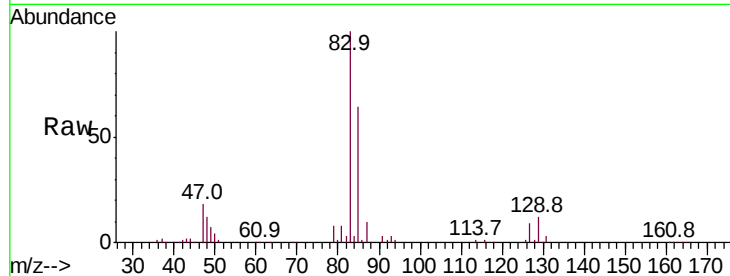
Tot Ion: 83 Resp: 212945

Ion Ratio Lower Upper

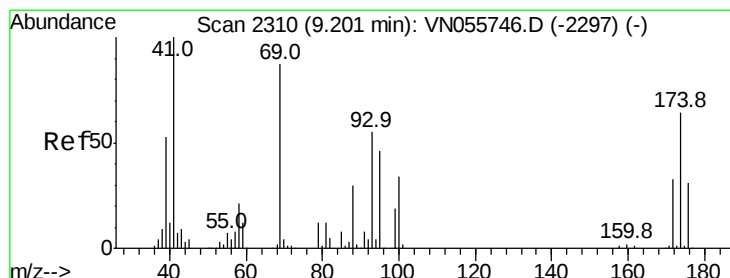
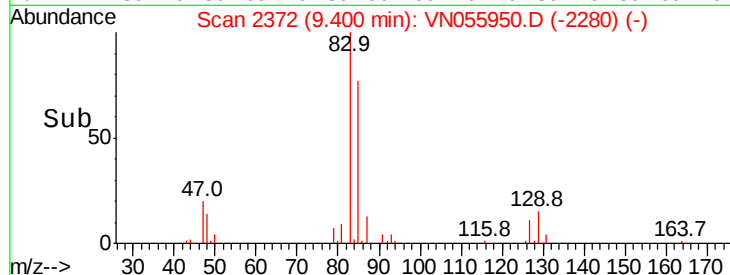
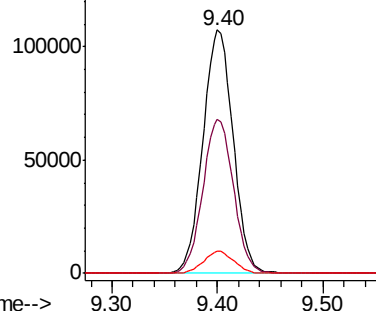
83 100

85 63.5 52.2 78.2

127 9.1 7.4 11.0



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



#48

Methyl methacrylate

Concen: 51.570 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

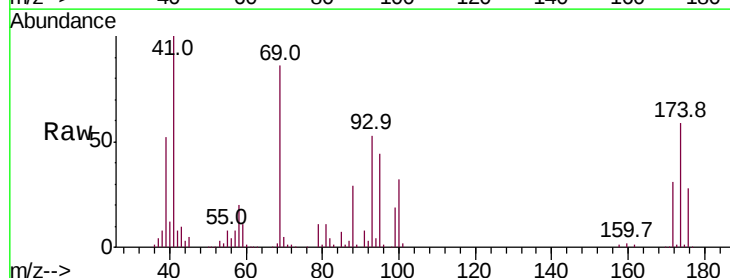
Tgt Ion: 41 Resp: 158311

Ion Ratio Lower Upper

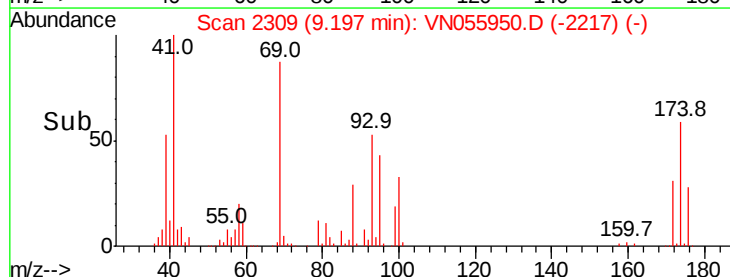
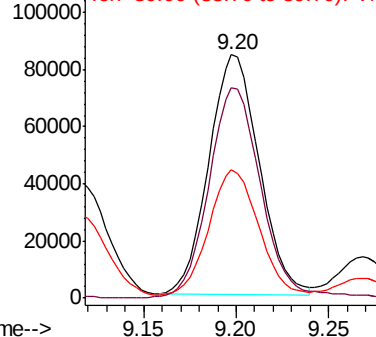
41 100

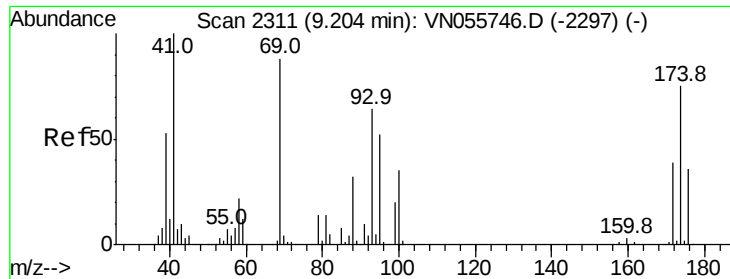
69 90.1 71.0 106.6

39 53.9 44.2 66.2



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





#49

1,4-Dioxane

Concen: 1072.985 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :

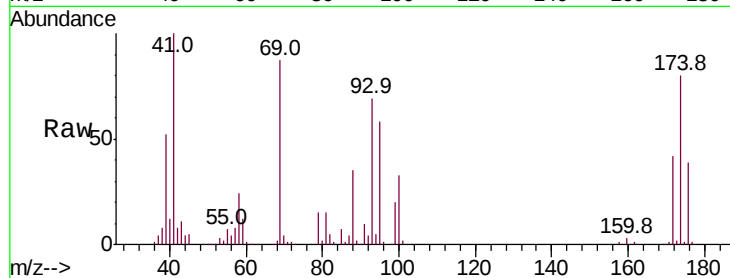
Tot Ion: 88 Resp: 68449

Ion Ratio Lower Upper

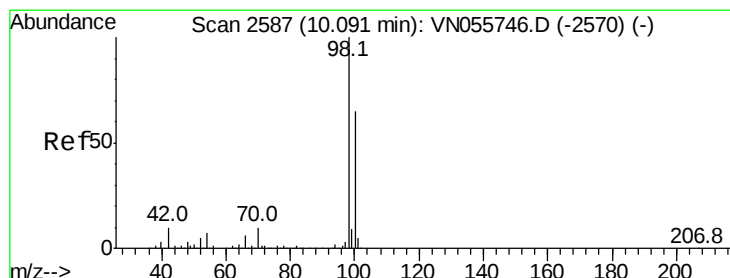
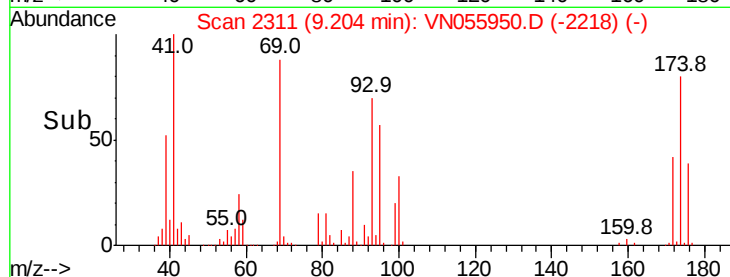
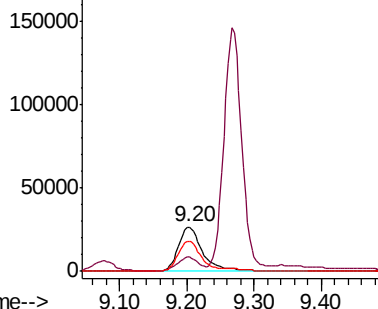
88 100

43 25.3 20.5 30.7

58 62.4 55.8 83.6



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



#50

Toluene-d8

Concen: 48.430 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055950.D

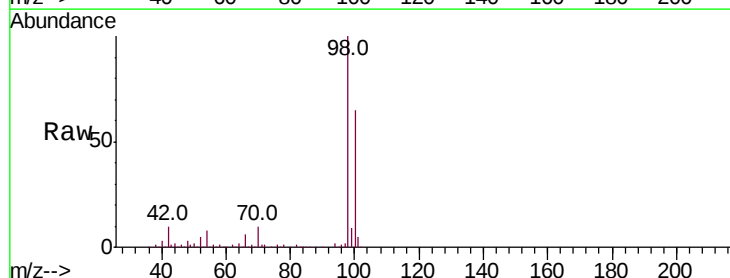
Acq: 3 Jun 2019 9:55

Tgt Ion: 98 Resp: 552815

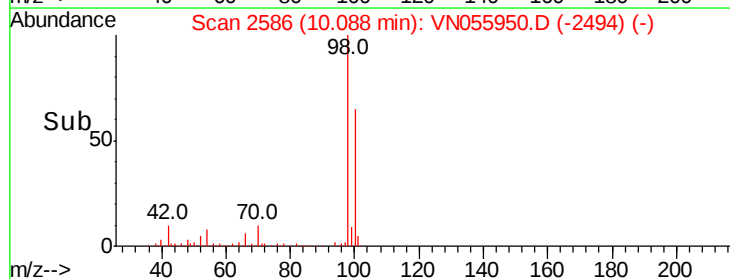
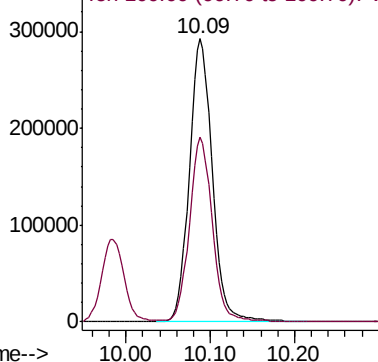
Ion Ratio Lower Upper

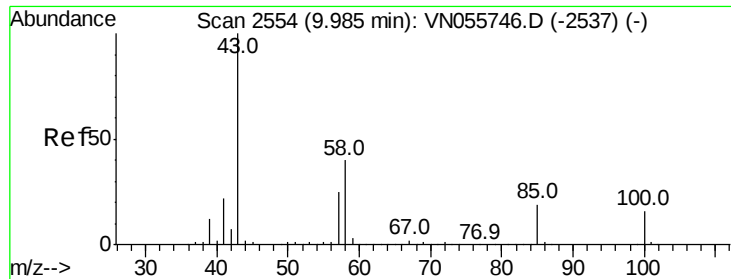
98 100

100 65.2 51.9 77.9



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





#51

4-Methyl-2-Pentanone

Concen: 260.722 ug/l

RT: 9.98 min Scan# 2553

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

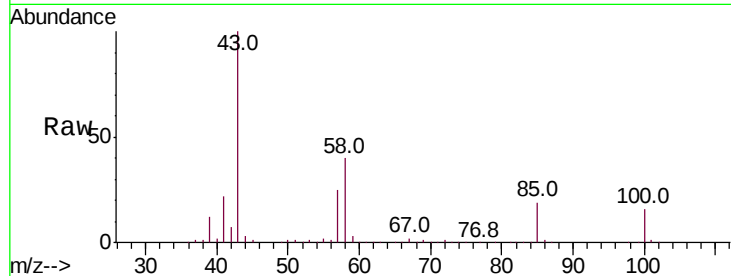
ClientSampled :

Tot Ion: 43 Resp: 1025649

Ion Ratio Lower Upper

43 100

58 40.1 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

600000

500000

400000

300000

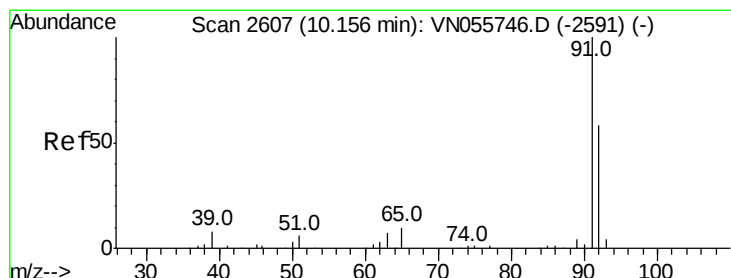
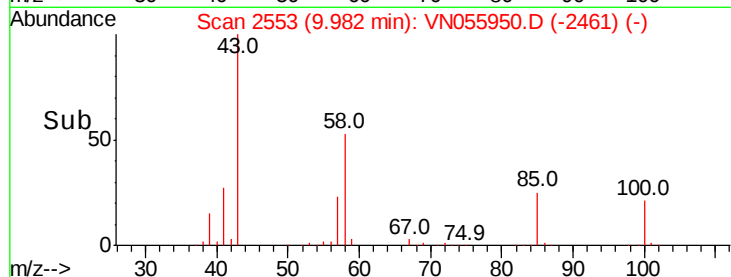
200000

100000

0

9.90 10.00 10.10

Time-->



#52

Toluene

Concen: 51.713 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055950.D

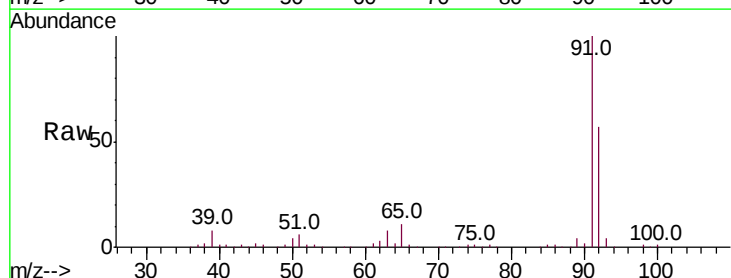
Acq: 3 Jun 2019 9:55

Tgt Ion: 92 Resp: 402060

Ion Ratio Lower Upper

92 100

91 175.9 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

400000

300000

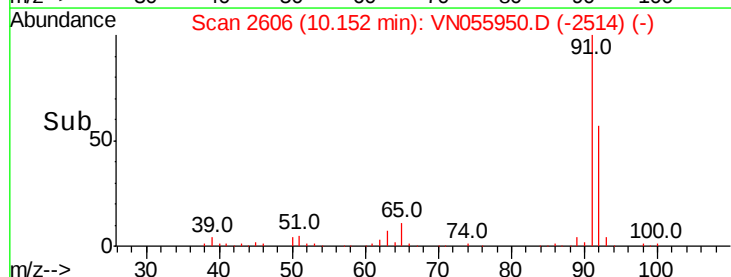
200000

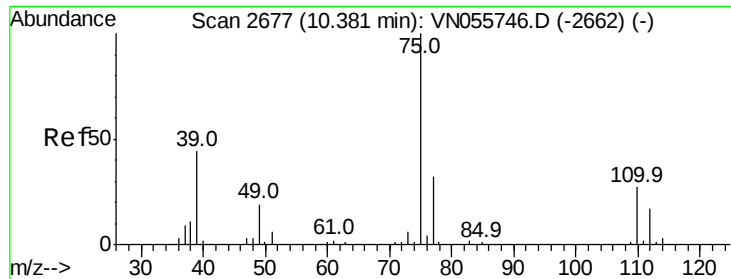
100000

0

10.10 10.20 10.30

Time-->





#53

t-1,3-Dichloropropene

Concen: 50.287 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

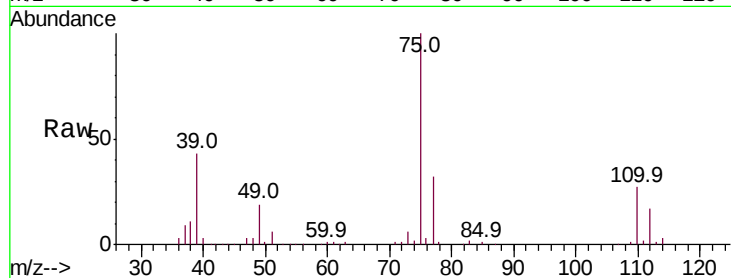
ClientSampled :

Tot Ion: 75 Resp: 232491

Ion Ratio Lower Upper

75 100

77 32.1 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

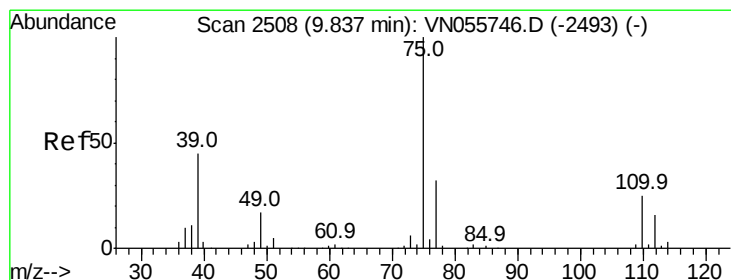
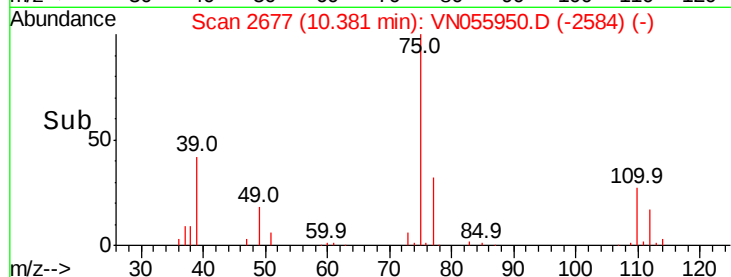
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.752 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

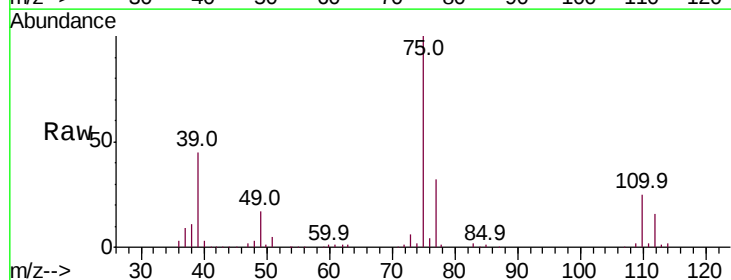
Tgt Ion: 75 Resp: 259934

Ion Ratio Lower Upper

75 100

77 31.8 25.4 38.0

39 45.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

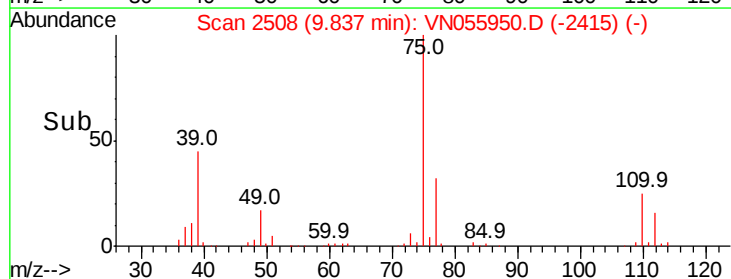
150000

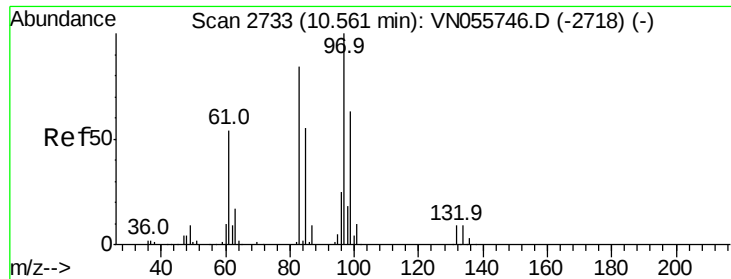
100000

50000

0

Time-->

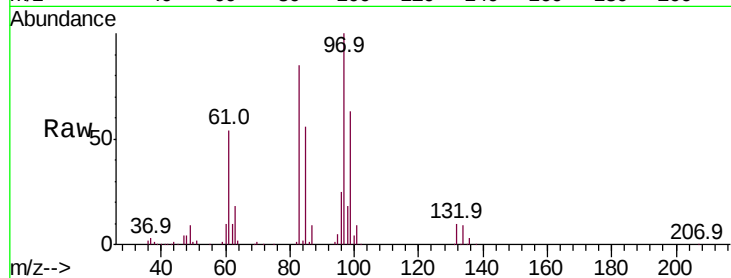




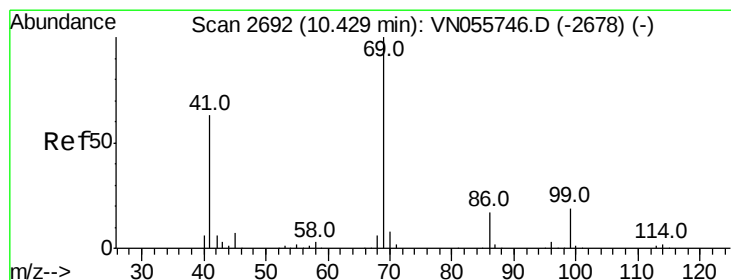
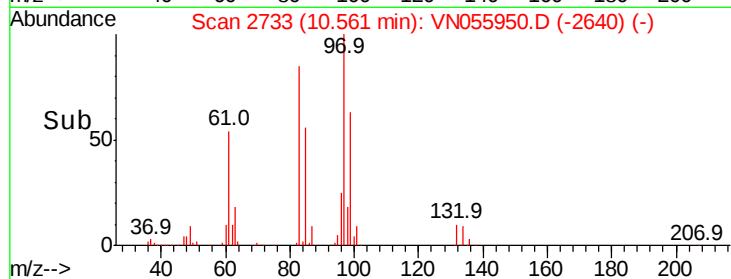
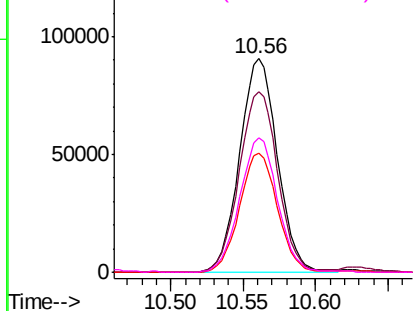
#55
 1,1,2-Trichloroethane
 Concen: 52.769 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	164356
Ion	Ratio	Lower	Upper
97	100		
83	84.6	67.0	100.6
85	55.6	44.0	66.0
99	62.7	50.6	75.8

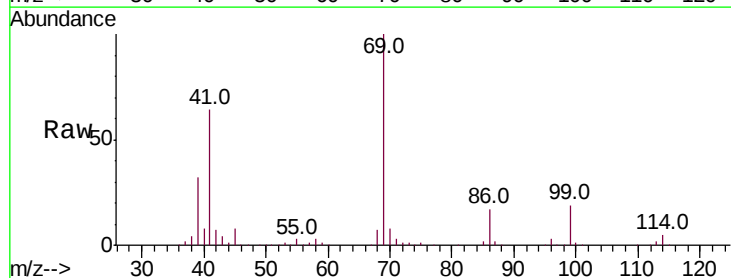


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

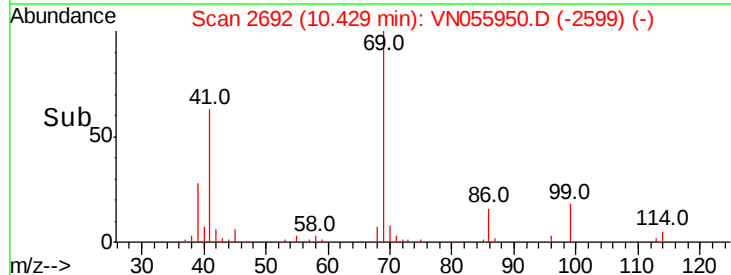
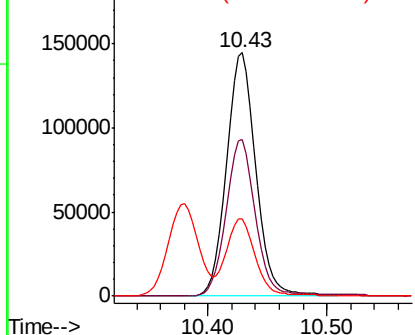


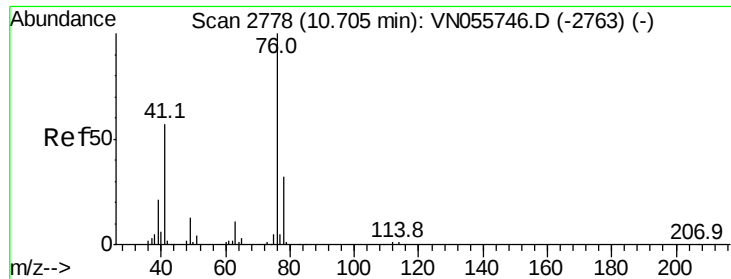
#56
 Ethyl methacrylate
 Concen: 51.386 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion:	69	Resp:	247351
Ion	Ratio	Lower	Upper
69	100		
41	64.4	49.7	74.5
39	31.7	24.7	37.1



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

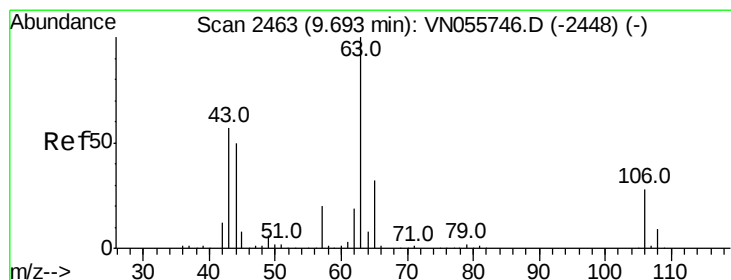
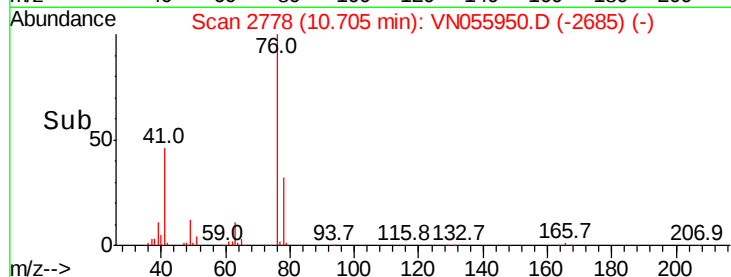
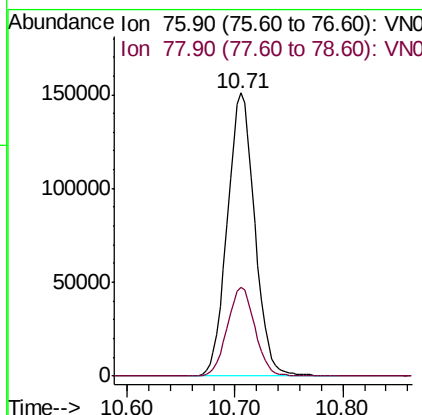
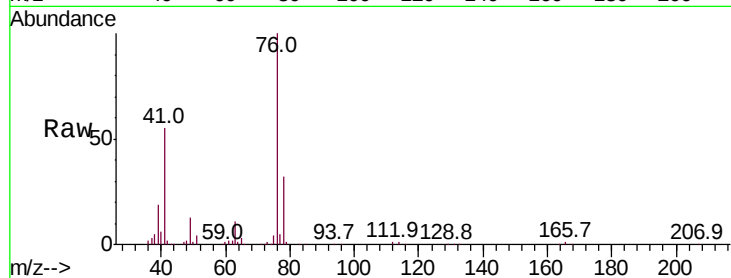




#57
 1,3-Dichloropropane
 Concen: 52.886 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

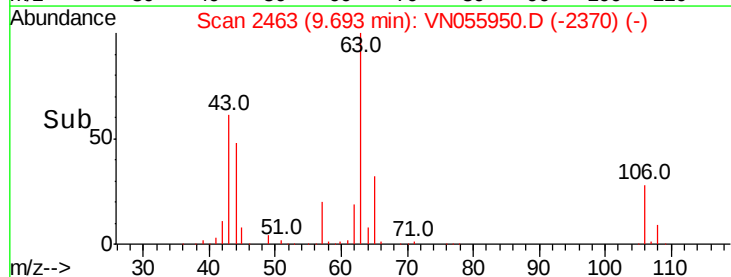
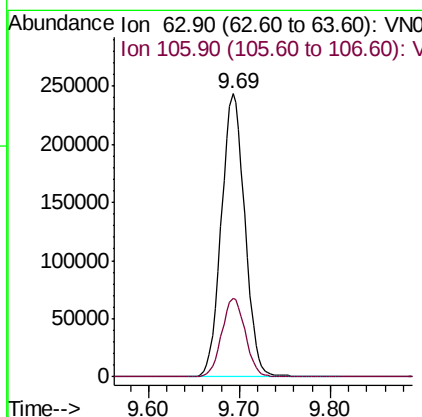
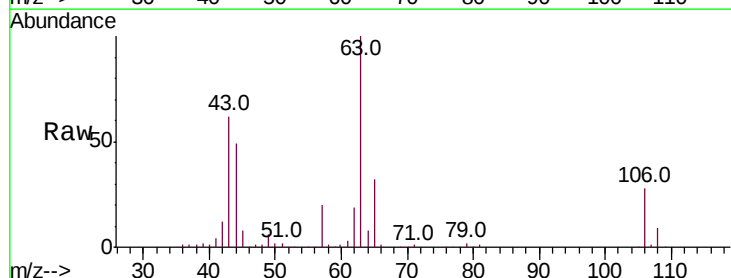
Instrument :
 MSVOA_N
 ClientSampleId :

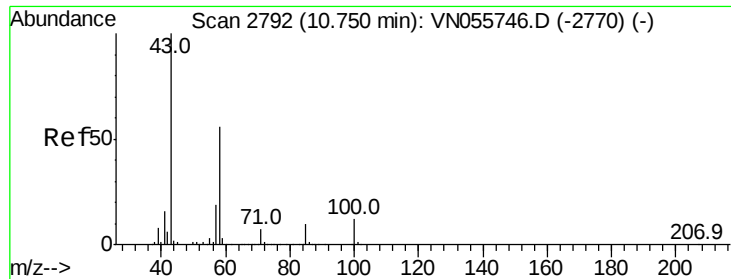
Tot Ion: 76 Resp: 267749
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.785 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. -0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion: 63 Resp: 437422
 Ion Ratio Lower Upper
 63 100
 106 27.9 22.7 34.1

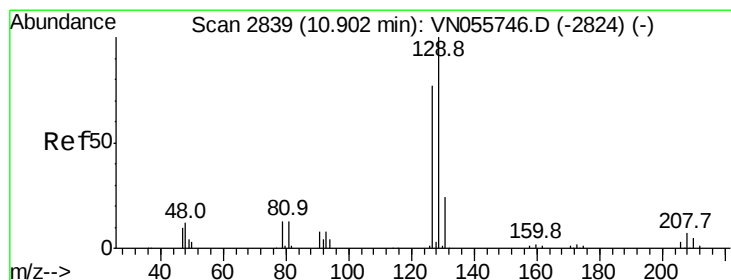
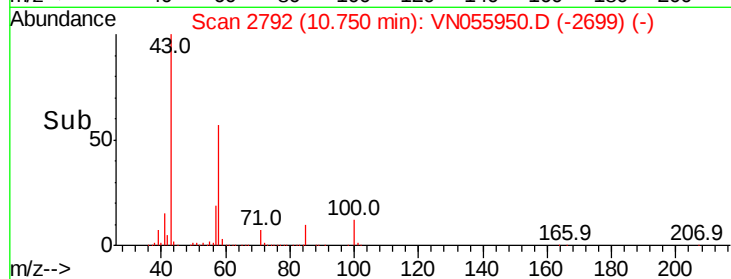
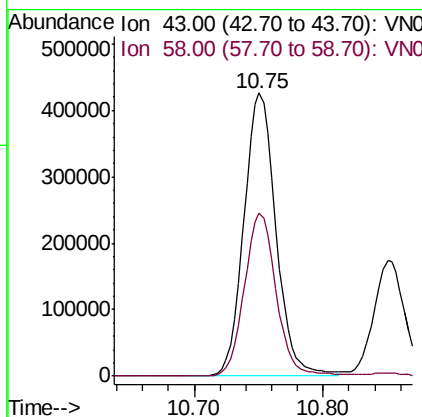
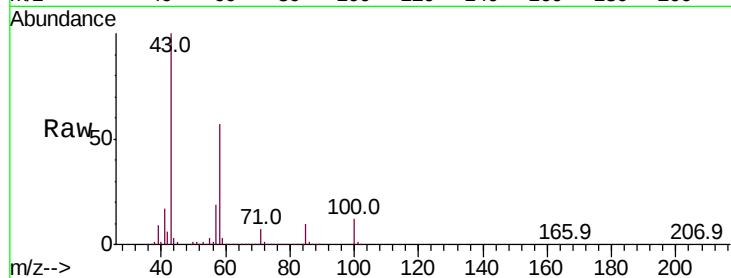




#59
2-Hexanone
Concen: 263.845 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

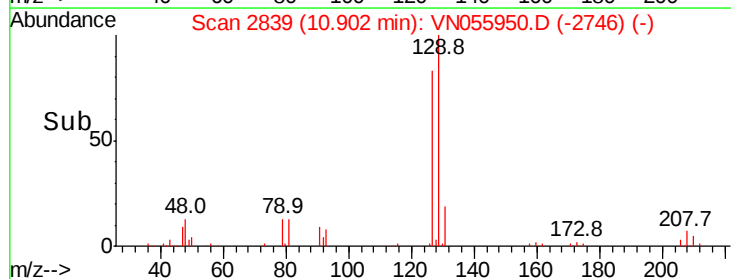
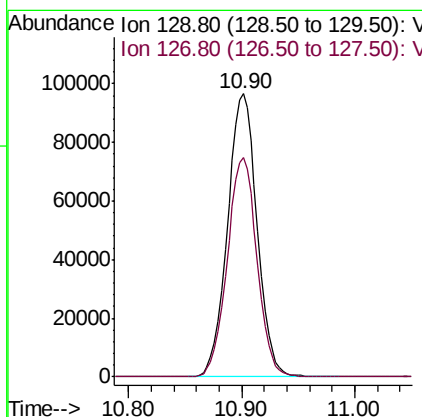
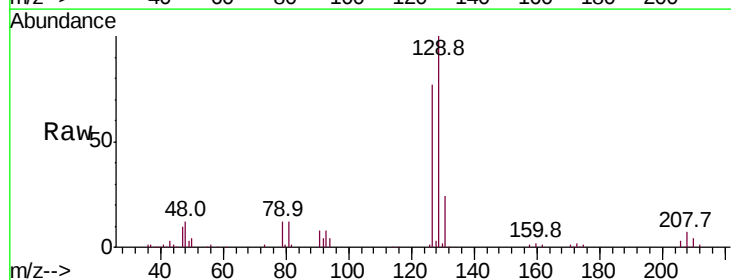
Instrument :
MSVOA_N
ClientSampled :

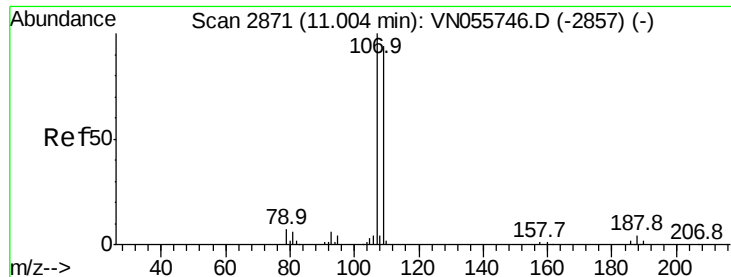
Tot Ion: 43 Resp: 736318
Ion Ratio Lower Upper
43 100
58 57.4 28.2 84.7



#60
Dibromochloromethane
Concen: 48.309 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 129 Resp: 175283
Ion Ratio Lower Upper
129 100
127 77.7 38.1 114.3

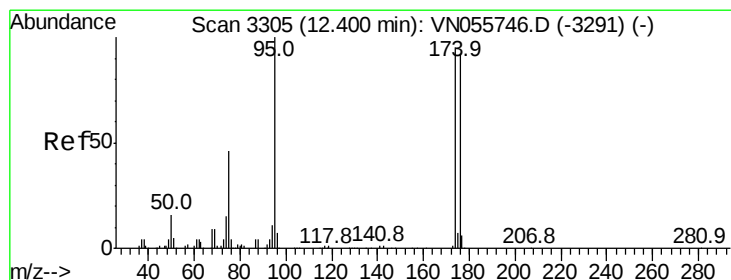
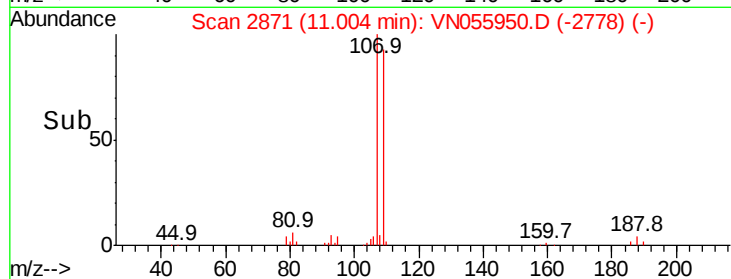
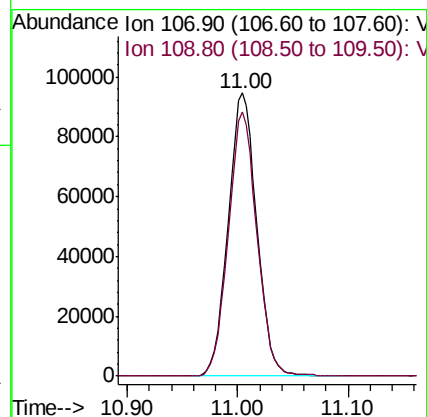
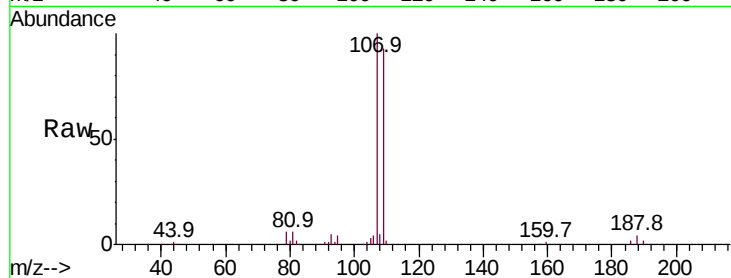




#61
 1,2-Dibromoethane
 Concen: 52.520 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

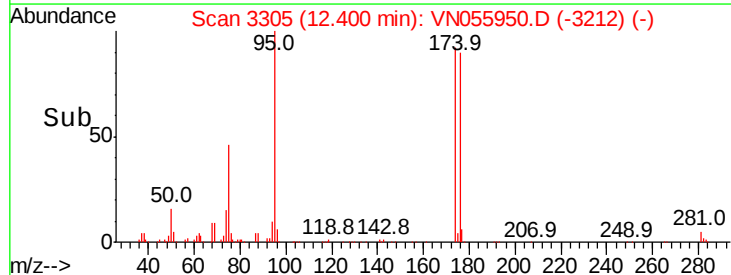
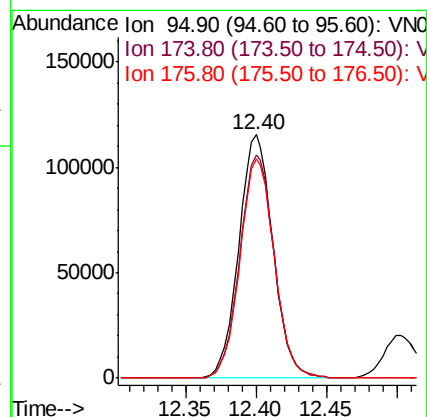
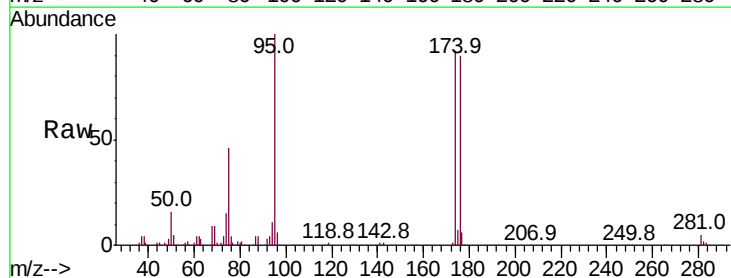
Instrument :
 MSVOA_N
 ClientSampleId :

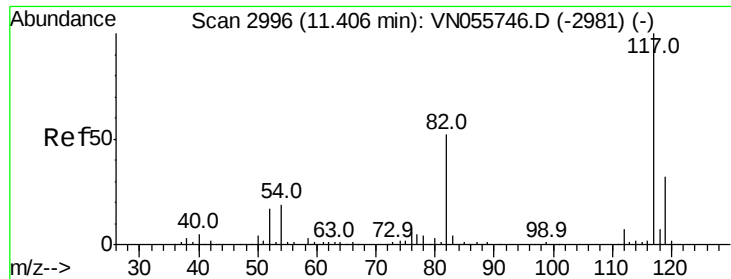
Tot Ion:107 Resp: 169676
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.067 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion: 95 Resp: 195964
 Ion Ratio Lower Upper
 95 100
 174 92.3 0.0 191.0
 176 90.5 0.0 185.2

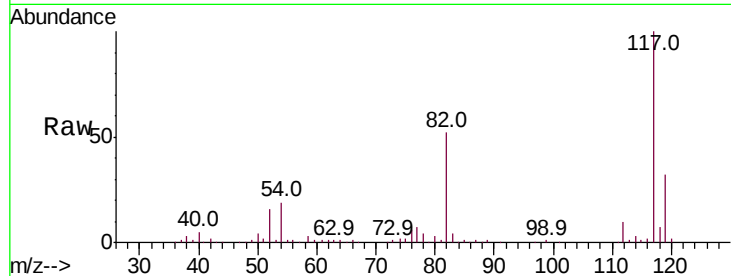




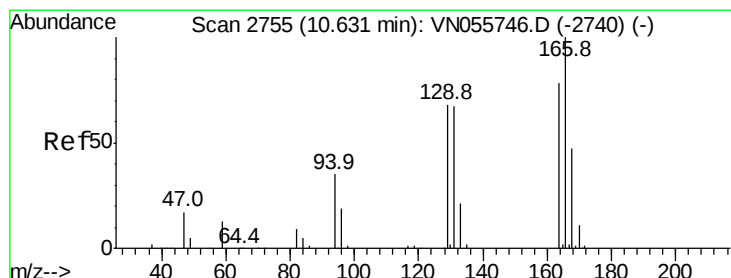
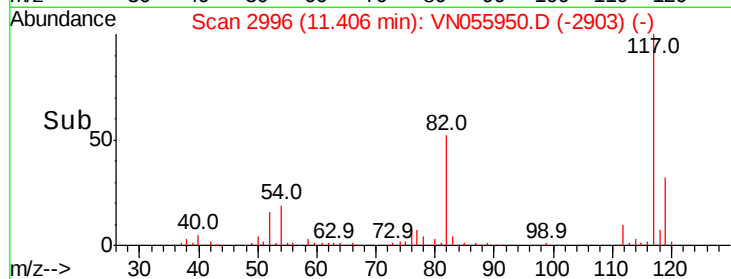
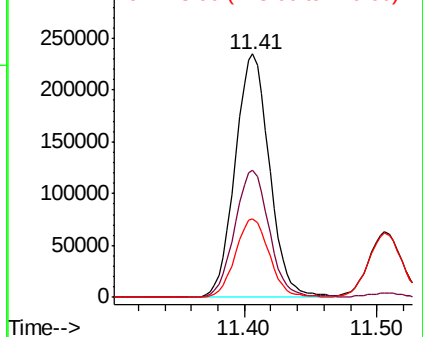
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 422488
Ion Ratio Lower Upper
117 100
82 52.3 41.8 62.8
119 32.4 25.4 38.0

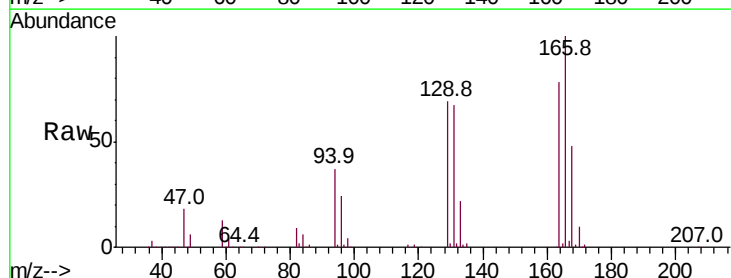


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

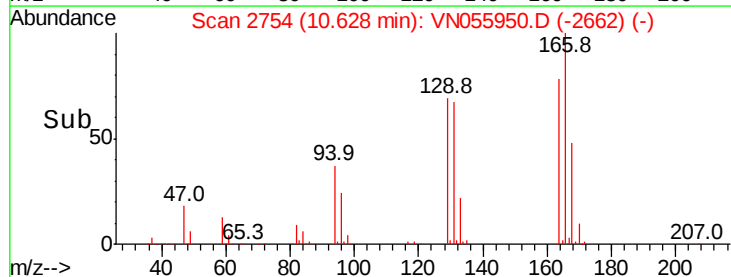
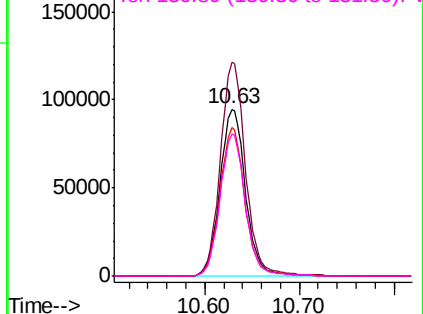


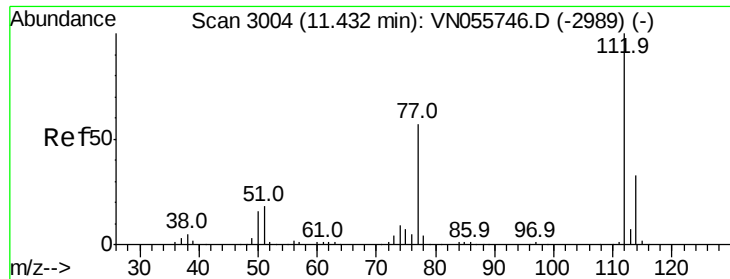
#64
Tetrachloroethene
Concen: 49.956 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion:164 Resp: 178012
Ion Ratio Lower Upper
164 100
166 128.0 103.0 154.6
129 88.8 70.6 105.8
131 85.3 68.6 102.8



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

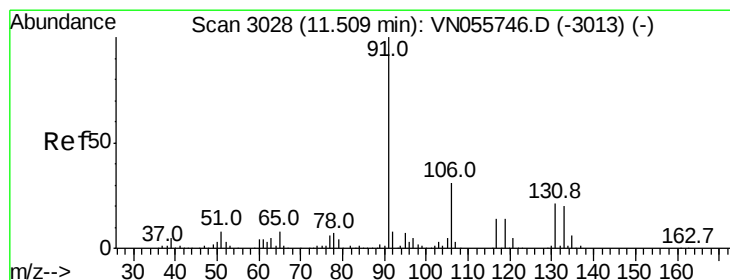
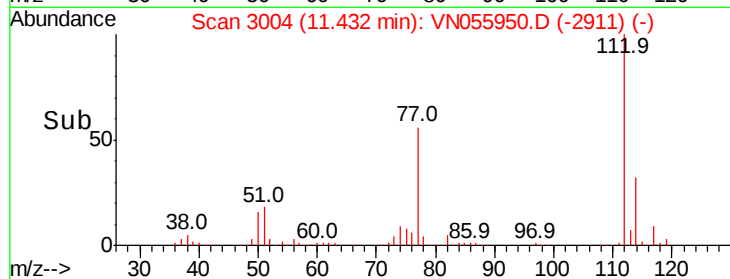
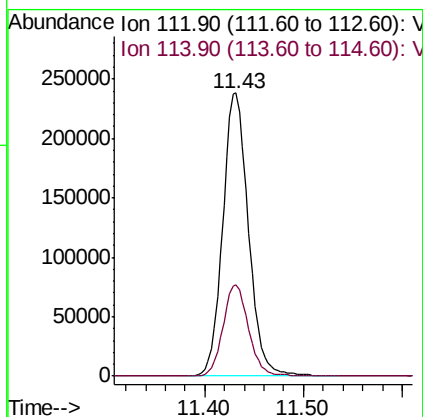
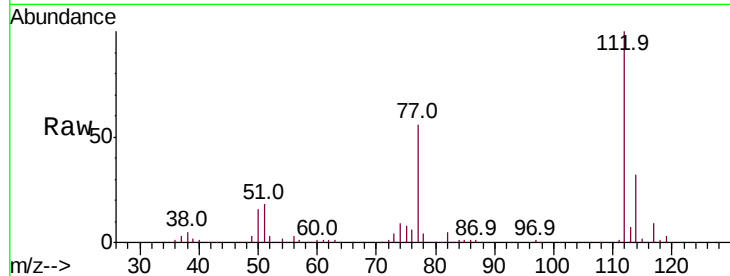




#65
Chlorobenzene
Concen: 51.318 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

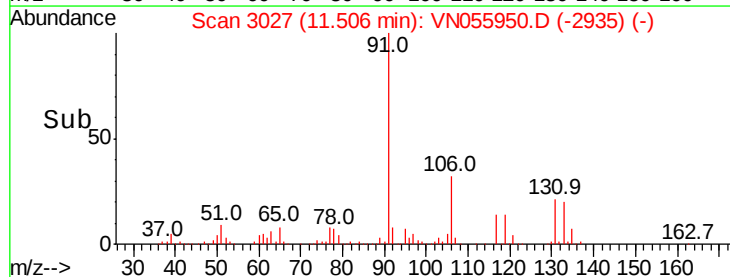
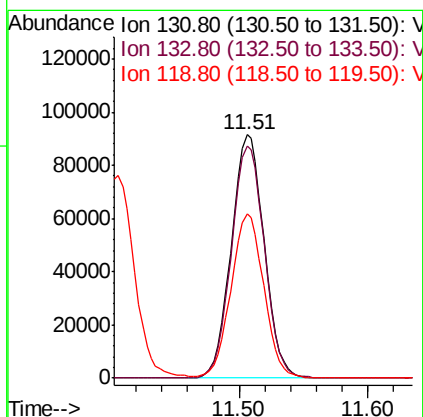
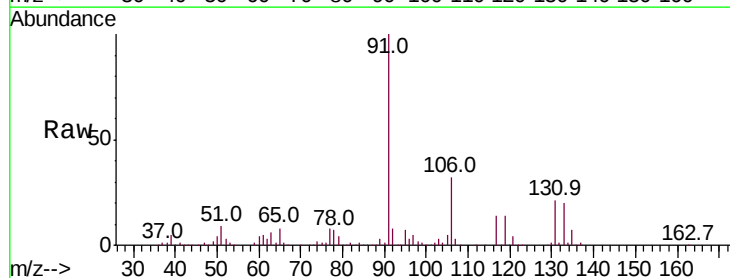
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:112 Resp: 434032
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.922 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion:131 Resp: 161651
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.0
119 67.6 33.1 99.5

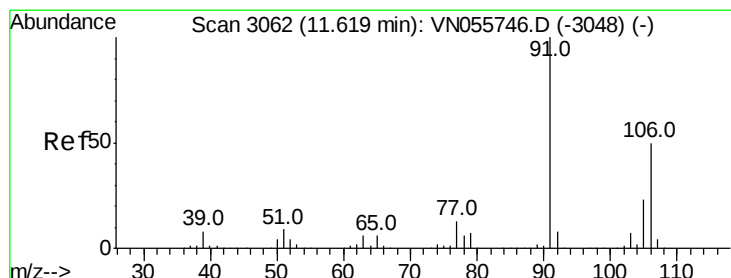
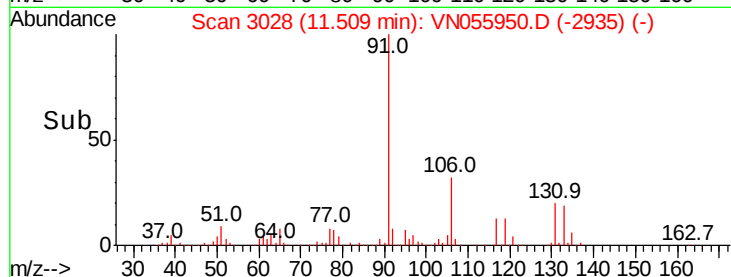
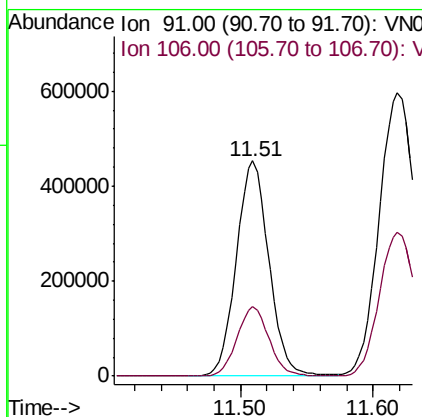
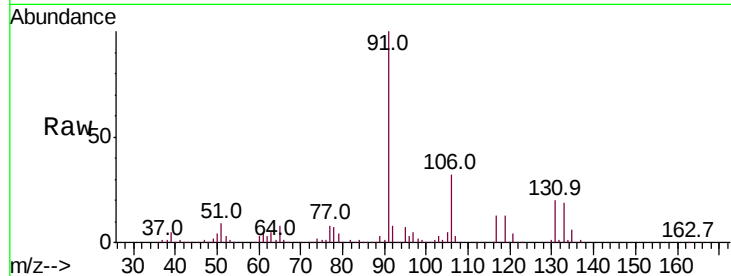




#67
Ethyl Benzene
Concen: 51.014 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

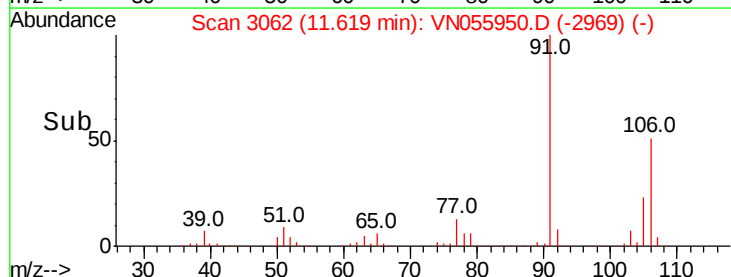
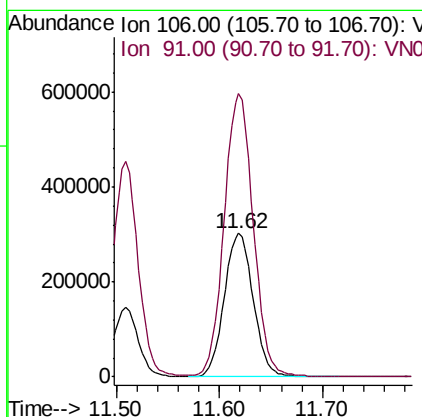
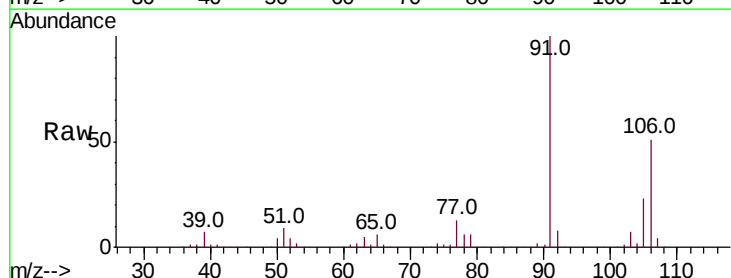
Instrument :
MSVOA_N
ClientSampled :

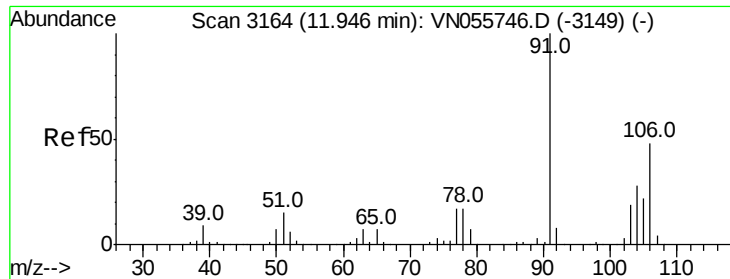
Tot Ion: 91 Resp: 773741
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 103.382 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 106 Resp: 592782
Ion Ratio Lower Upper
106 100
91 197.9 159.3 238.9

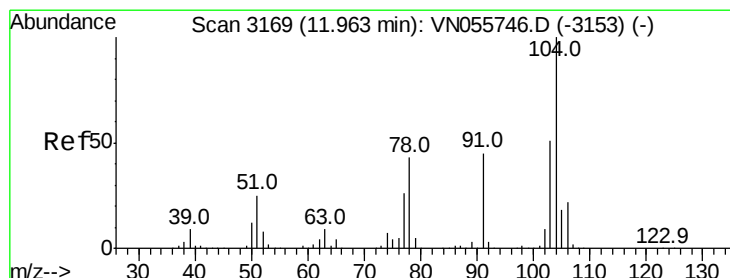
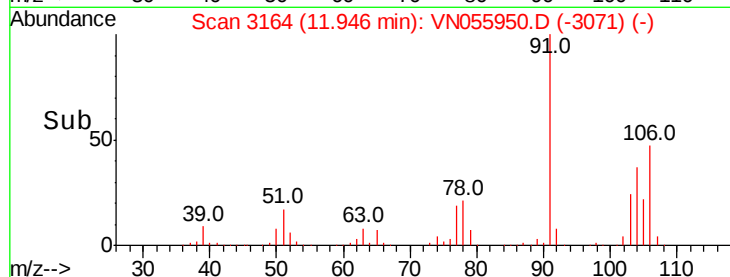
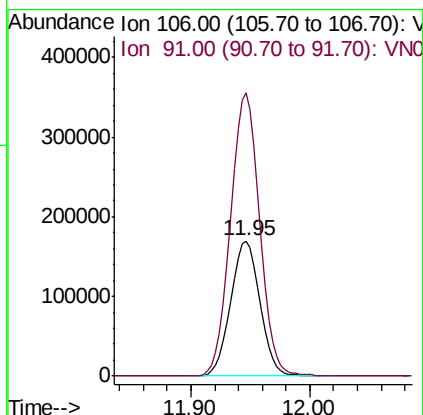
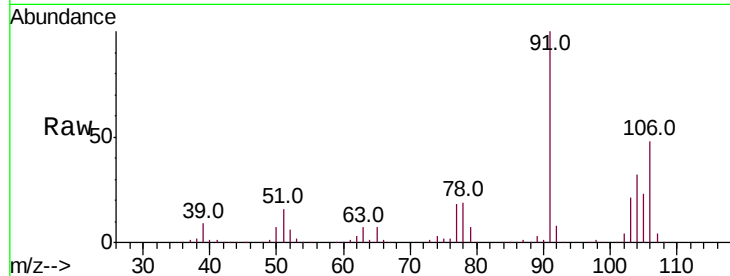




#69
o-Xylene
Concen: 51.100 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

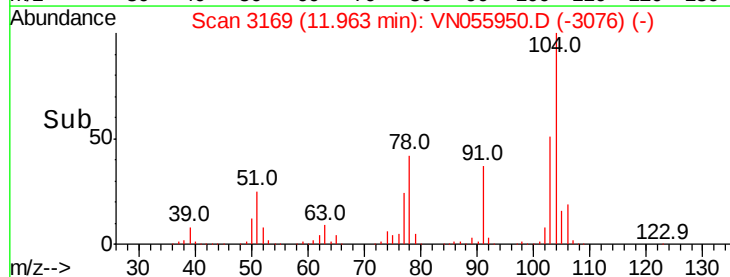
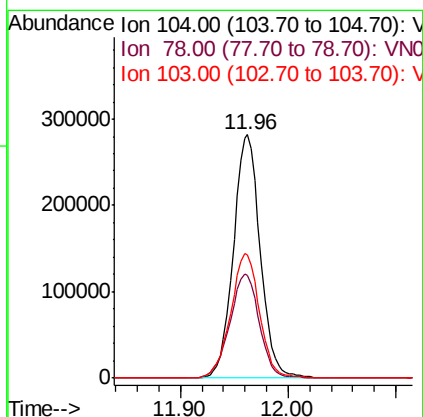
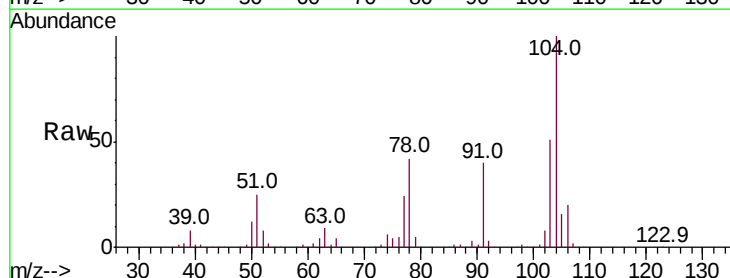
Instrument :
MSVOA_N
ClientSampled :

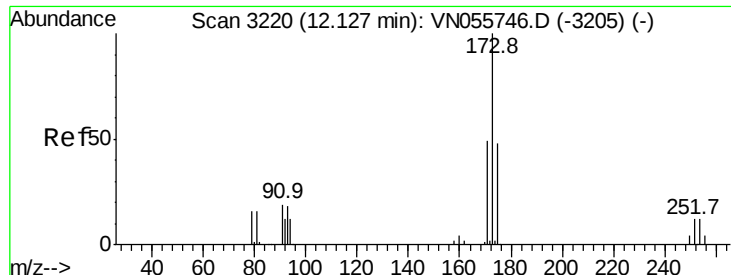
Tot Ion:106 Resp: 290698
Ion Ratio Lower Upper
106 100
91 207.7 104.7 314.1



#70
Styrene
Concen: 53.074 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion:104 Resp: 488942
Ion Ratio Lower Upper
104 100
78 47.2 37.8 56.6
103 55.2 44.2 66.2

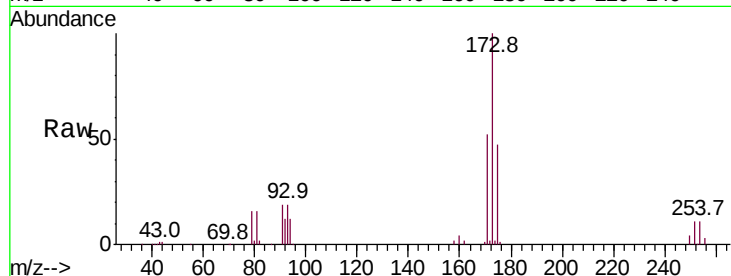




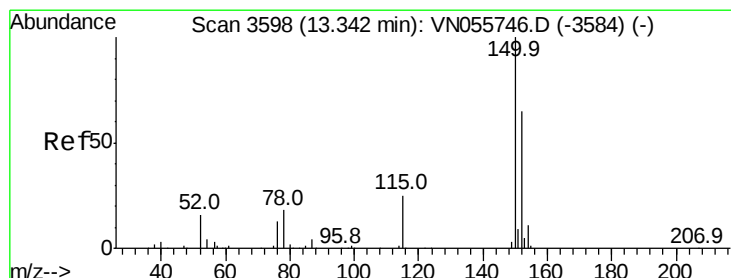
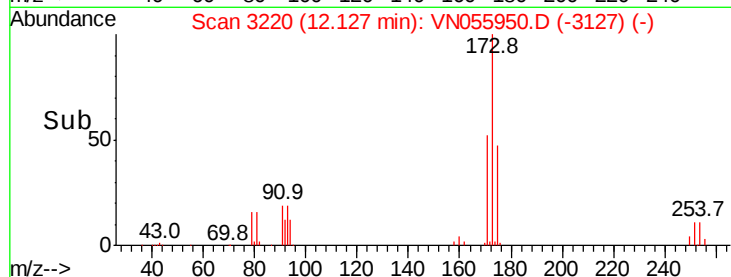
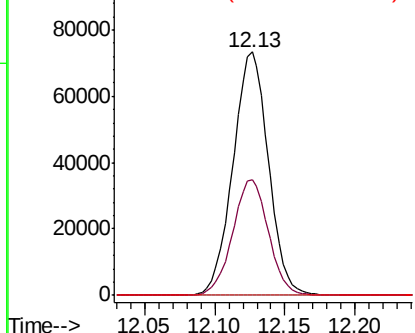
#71
Bromoform
Concen: 44.903 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	24.3	72.8
254	0.0	0.0	0.0

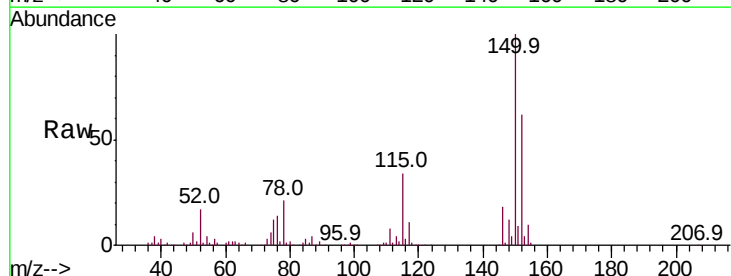


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

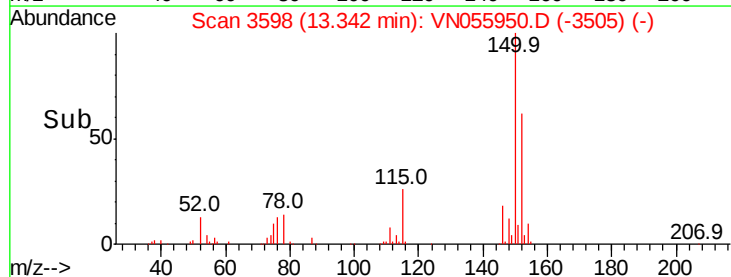
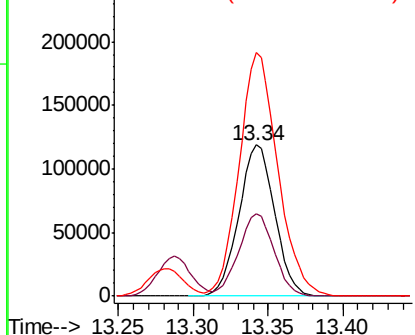


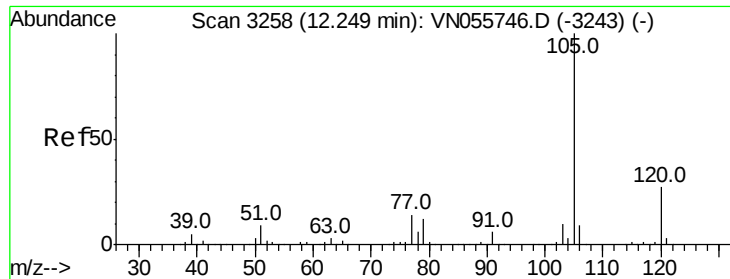
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	27.0	81.0
150	173.9	0.0	343.2



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





#73

Isopropylbenzene

Concen: 55.328 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

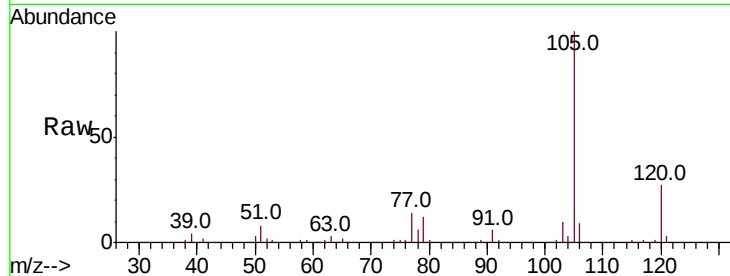
ClientSampleId :

Tot Ion:105 Resp: 774309

Ion Ratio Lower Upper

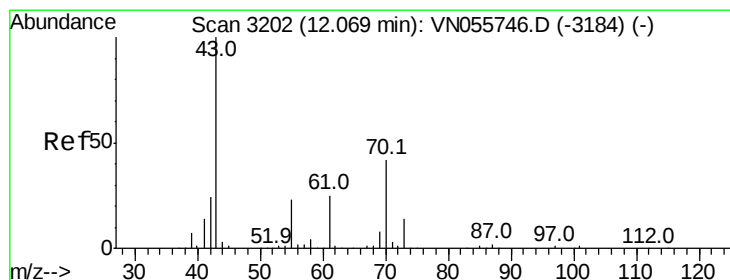
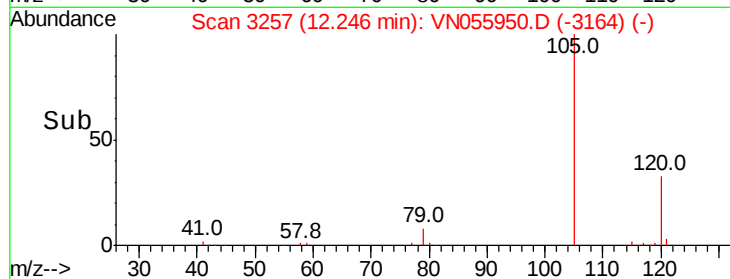
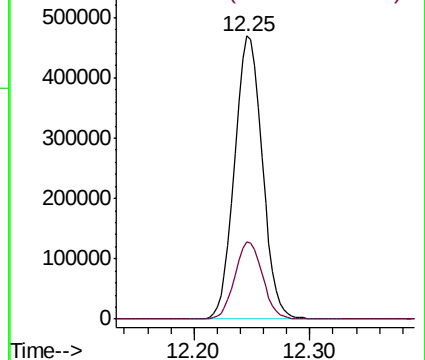
105 100

120 27.2 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.010 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Tgt Ion: 43 Resp: 278027

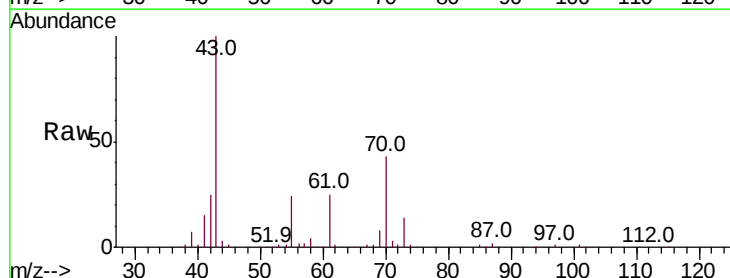
Ion Ratio Lower Upper

43 100

70 43.6 34.0 51.0

55 24.6 18.6 28.0

61 25.2 20.0 30.0

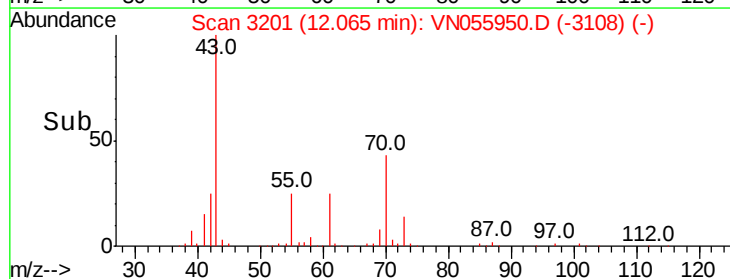
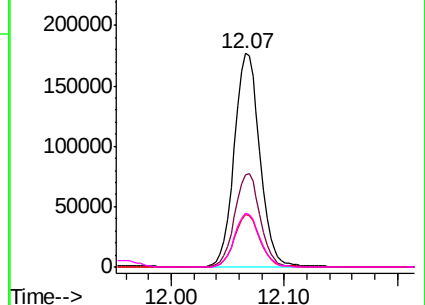


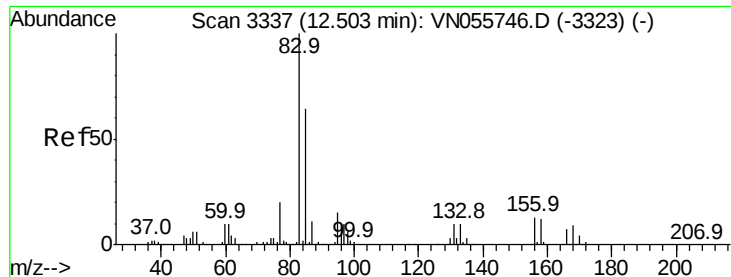
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 55.891 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

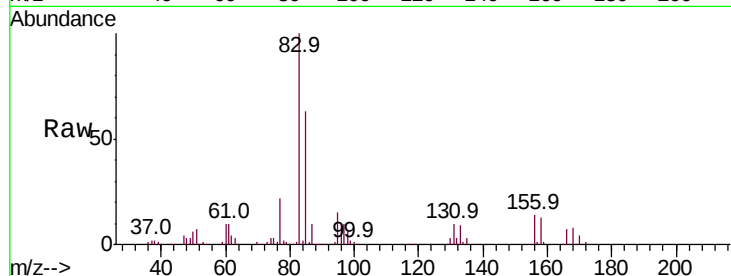
Tot Ion: 83 Resp: 231232

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

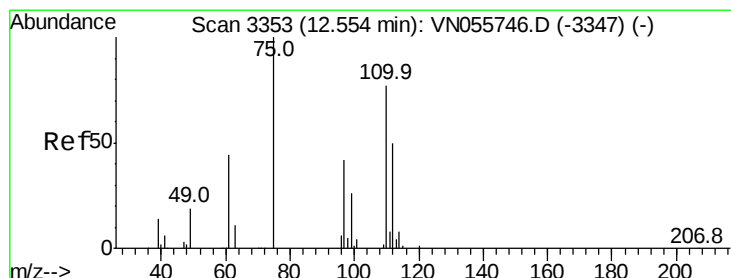
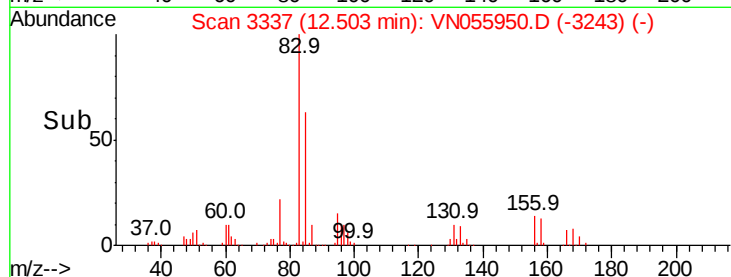
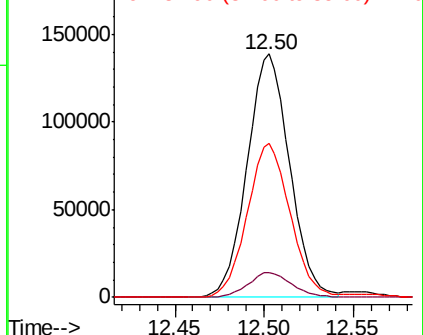
85 63.8 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055746.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055746.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055746.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 83.573 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055950.D

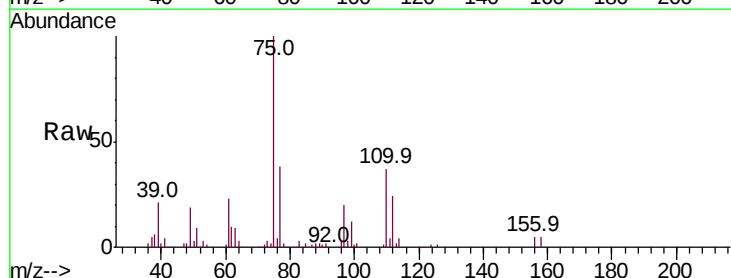
Acq: 3 Jun 2019 9:55

Tgt Ion: 75 Resp: 277377

Ion Ratio Lower Upper

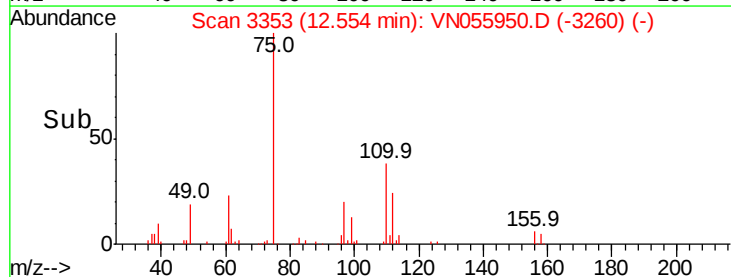
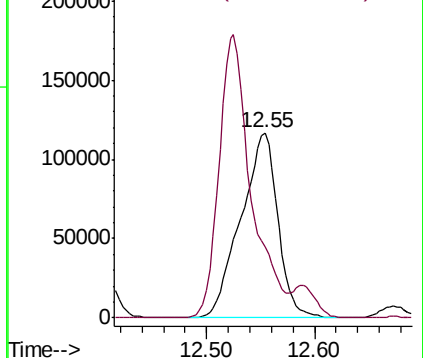
75 100

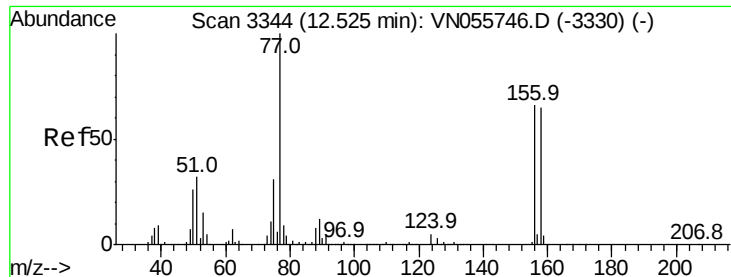
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055746.D (-3347) (-)

Ion 77.00 (76.70 to 77.70): VN055746.D (-3347) (-)





#77

Bromobenzene

Concen: 48.515 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampled :

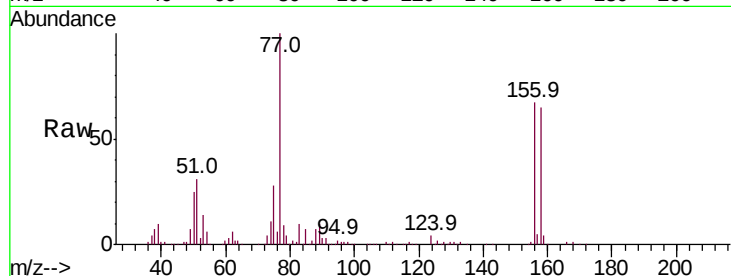
Tot Ion:156 Resp: 204730

Ion Ratio Lower Upper

156 100

77 181.0 90.8 272.5

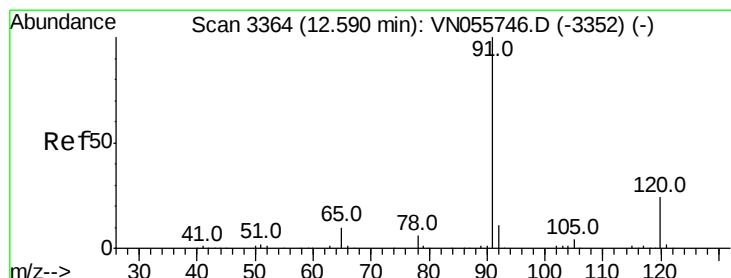
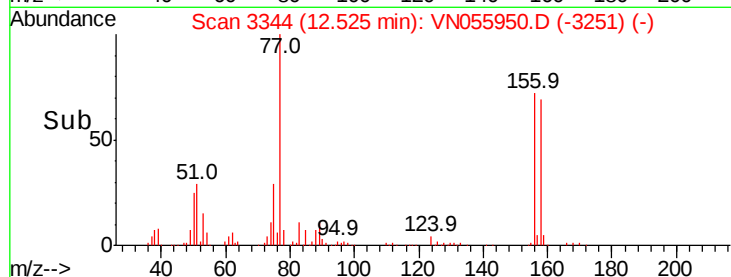
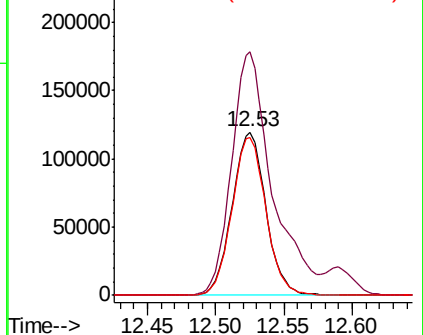
158 97.7 49.3 147.8



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: 49.939 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055950.D

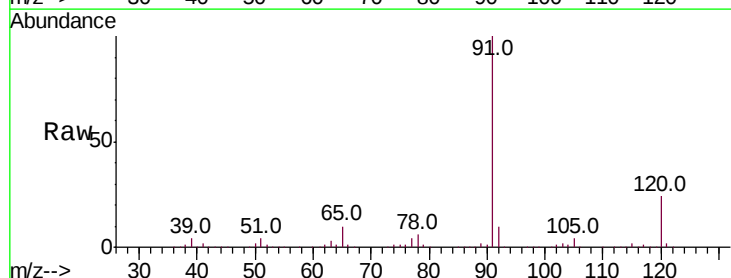
Acq: 3 Jun 2019 9:55

Tgt Ion: 91 Resp: 858332

Ion Ratio Lower Upper

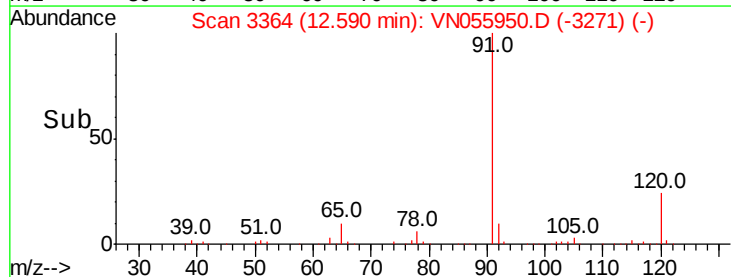
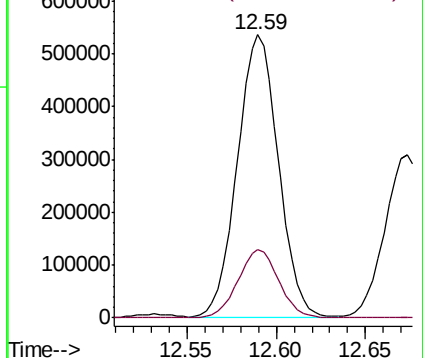
91 100

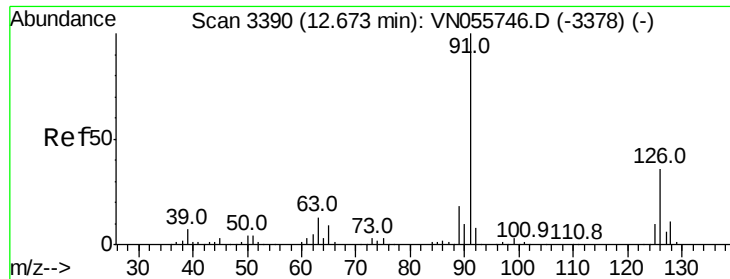
120 24.0 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

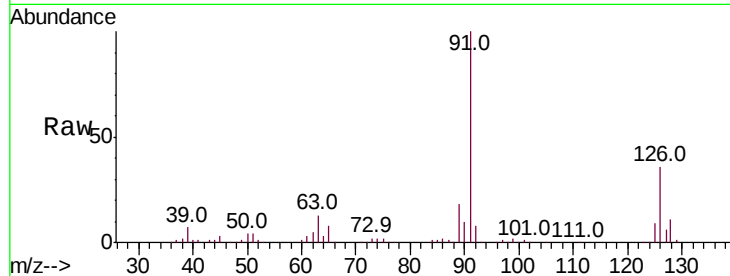




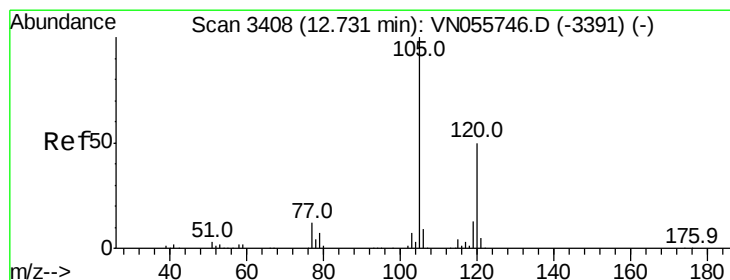
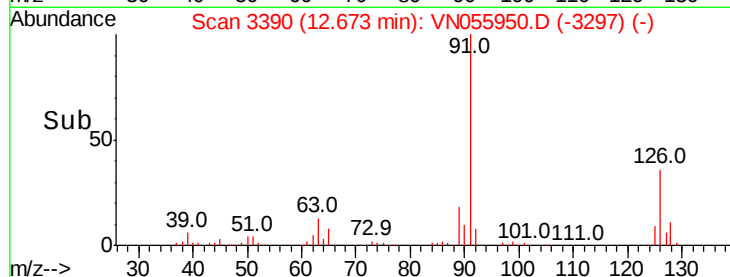
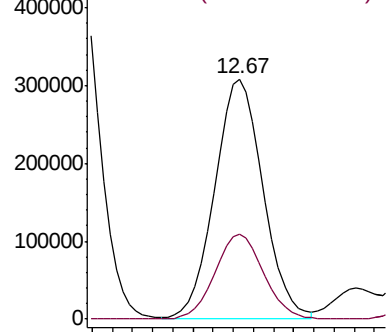
#79
2-Chlorotoluene
Concen: 55.592 ug/l
RT: 12.67 min Scan# 3390
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 91 Resp: 512029
Ion Ratio Lower Upper
91 100
126 36.0 18.1 54.4

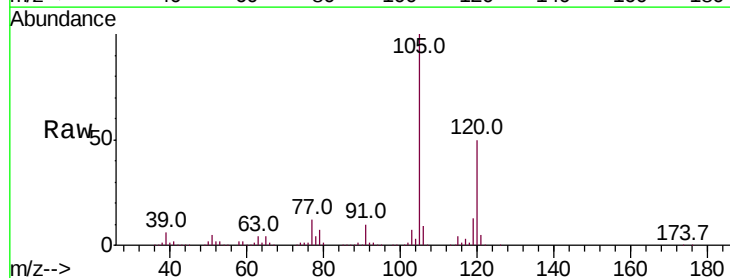


Abundance Ion 91.00 (90.70 to 91.70): VN055746.D (-3378) (-)
Ion 125.90 (125.60 to 126.60): VN055746.D (-3378) (-)

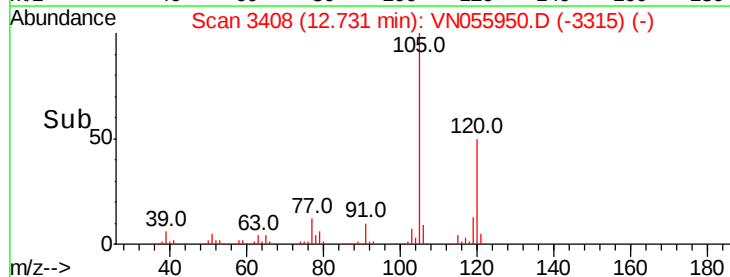
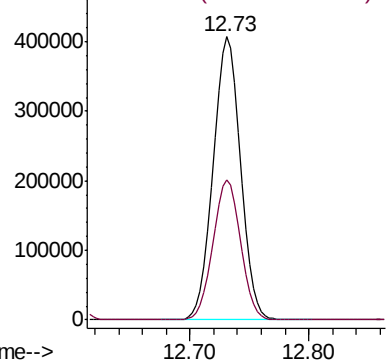


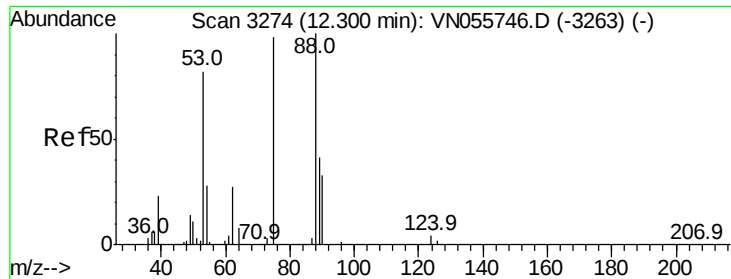
#80
1,3,5-Trimethylbenzene
Concen: 54.961 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 105 Resp: 647770
Ion Ratio Lower Upper
105 100
120 50.0 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055746.D (-3391) (-)
Ion 120.00 (119.70 to 120.70): VN055746.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.383 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. -0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

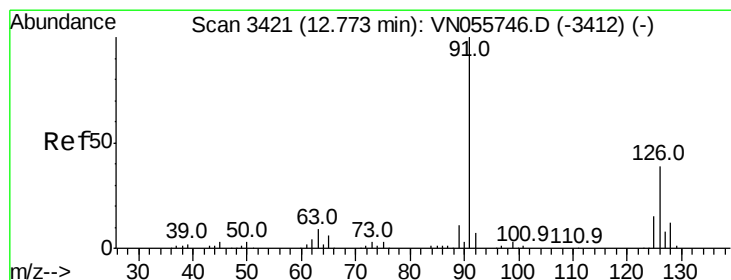
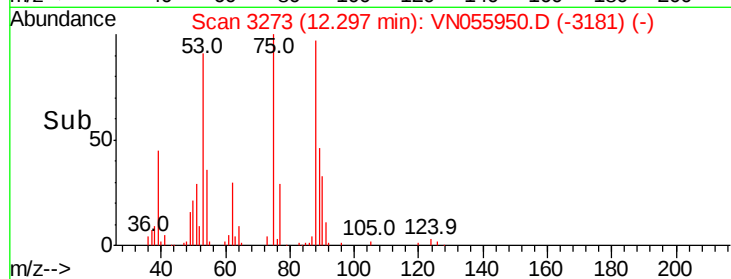
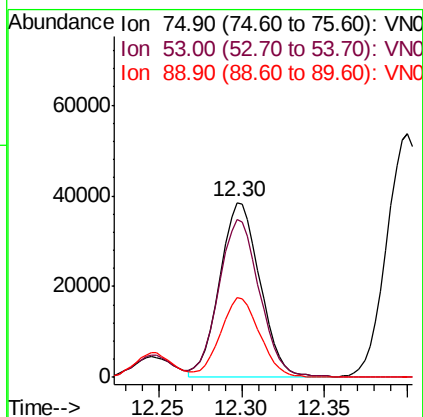
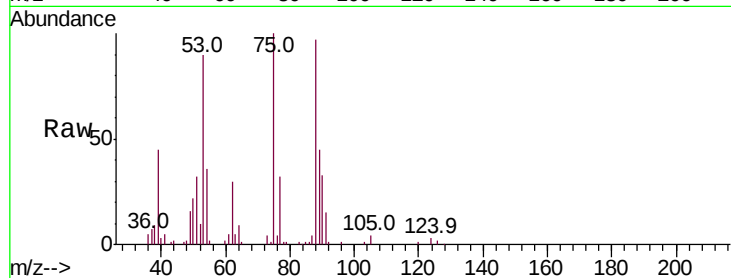
Tot Ion: 75 Resp: 65233

Ion Ratio Lower Upper

75 100

53 91.6 68.1 102.1

89 44.3 36.9 55.3



#82

4-Chlorotoluene

Concen: 49.799 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055950.D

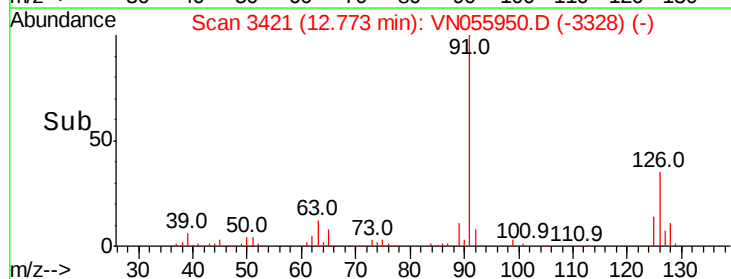
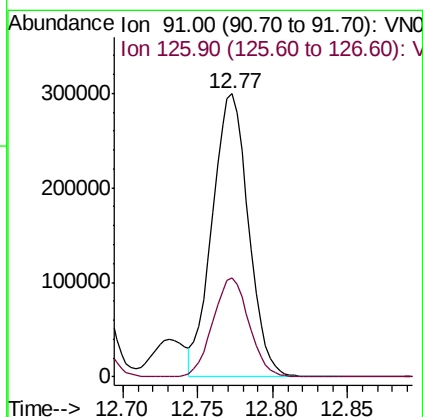
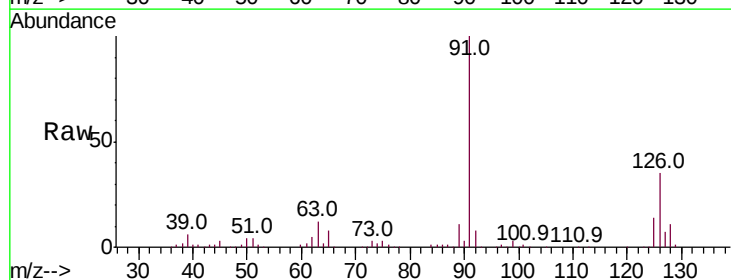
Acq: 3 Jun 2019 9:55

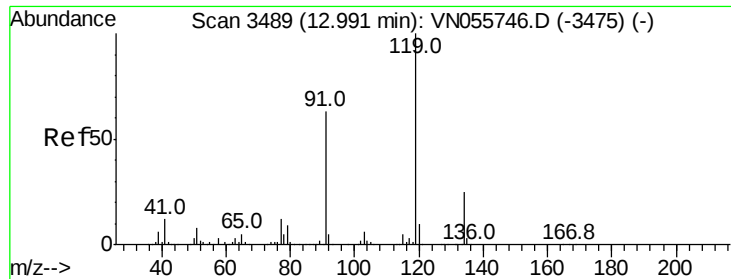
Tgt Ion: 91 Resp: 503136

Ion Ratio Lower Upper

91 100

126 35.1 17.8 53.3





#83

tert-Butylbenzene

Concen: 56.363 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampled :

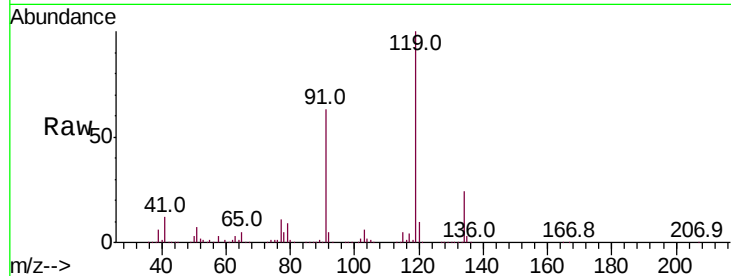
Tot Ion:119 Resp: 572941

Ion Ratio Lower Upper

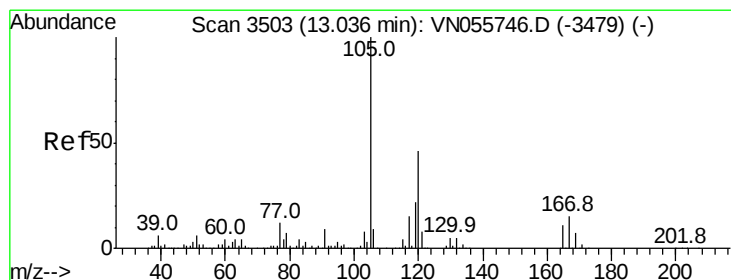
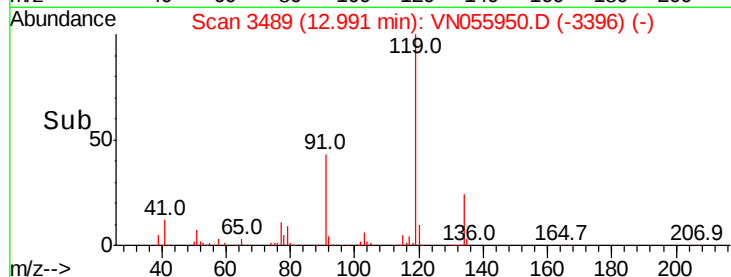
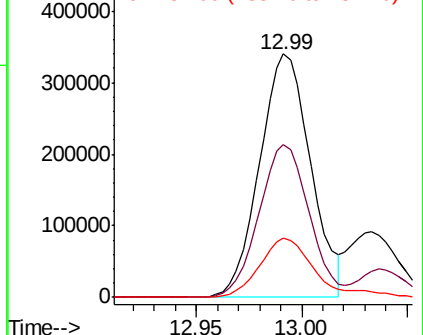
119 100

91 61.6 30.9 92.8

134 26.3 13.3 39.8



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



#84

1,2,4-Trimethylbenzene

Concen: 54.626 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN055950.D

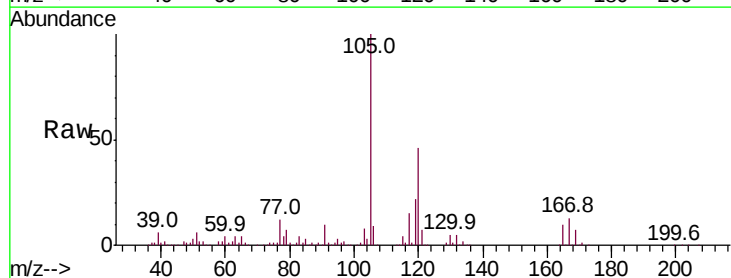
Acq: 3 Jun 2019 9:55

Tgt Ion:105 Resp: 643184

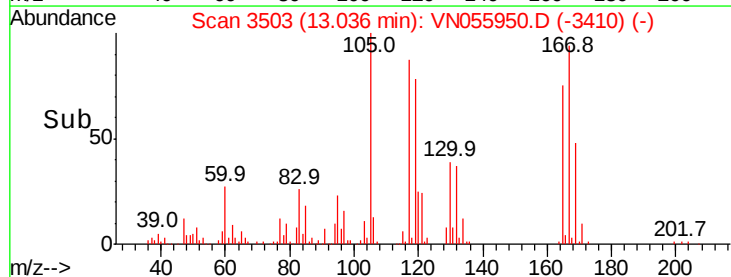
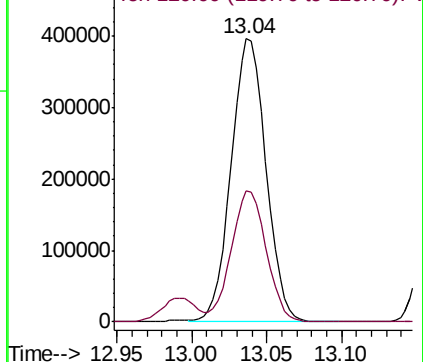
Ion Ratio Lower Upper

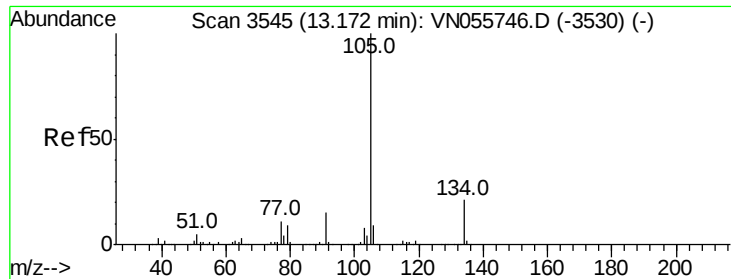
105 100

120 46.2 23.0 69.0



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

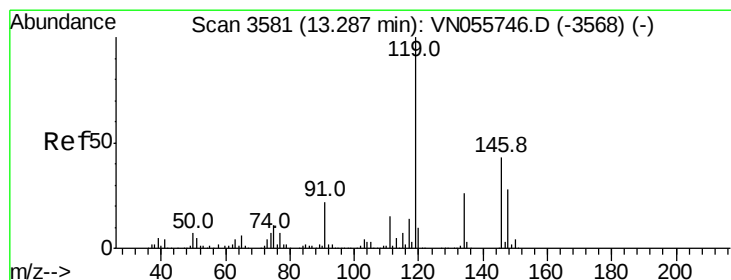
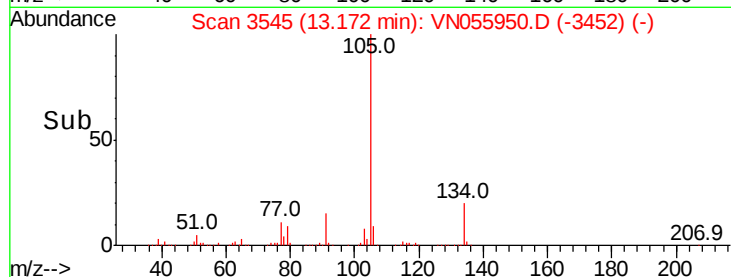
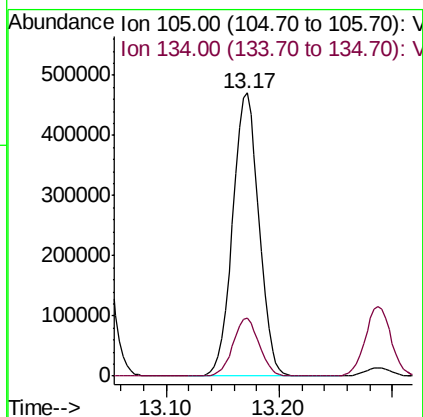
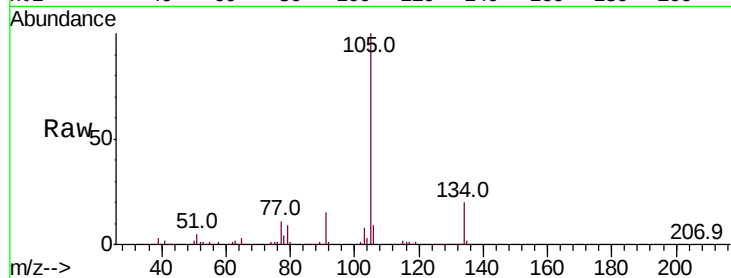




#85
 sec-Butylbenzene
 Concen: 57.433 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

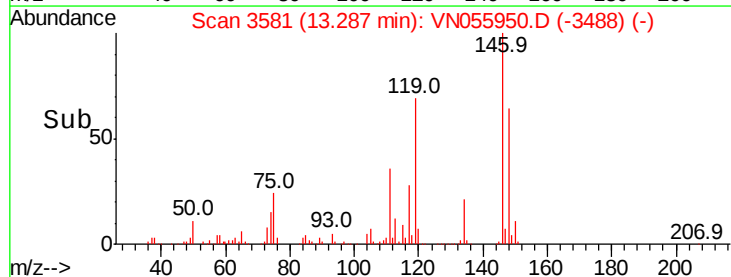
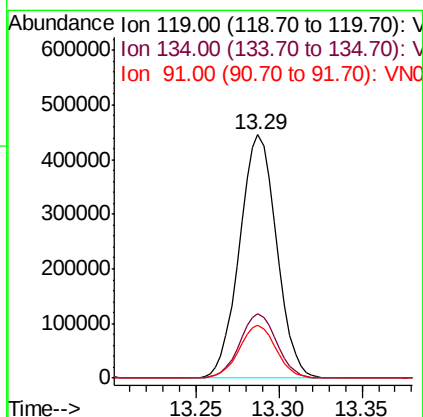
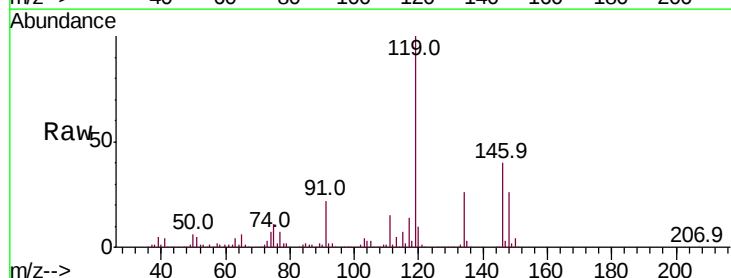
Instrument :
 MSVOA_N
 ClientSampled :

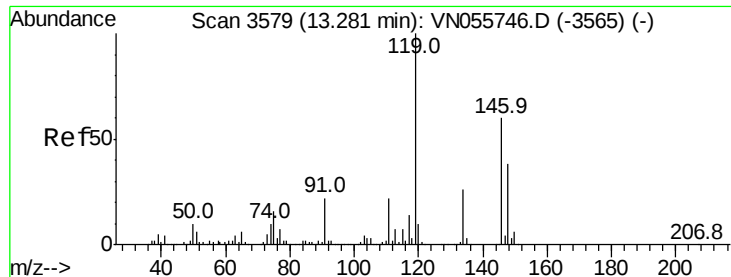
Tot Ion:105 Resp: 759893
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 50.325 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion:119 Resp: 691123
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.1
 91 21.6 10.9 32.9





#87

1,3-Dichlorobenzene

Concen: 51.901 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampleId :

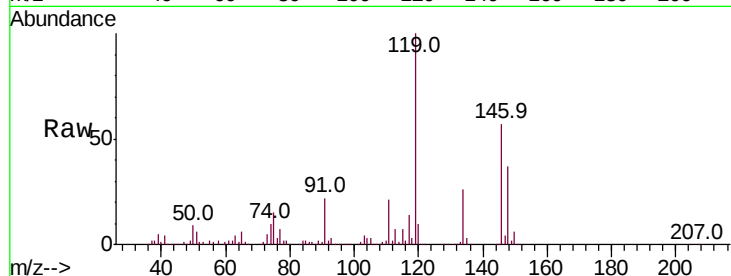
Tot Ion:146 Resp: 346801

Ion Ratio Lower Upper

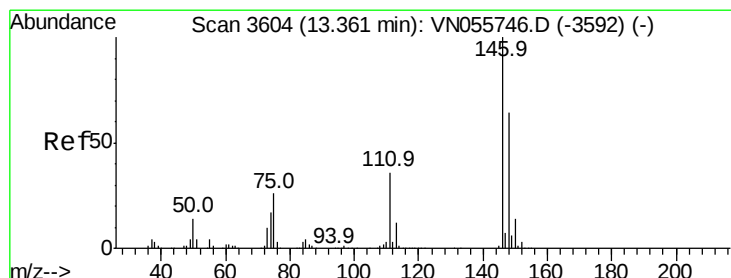
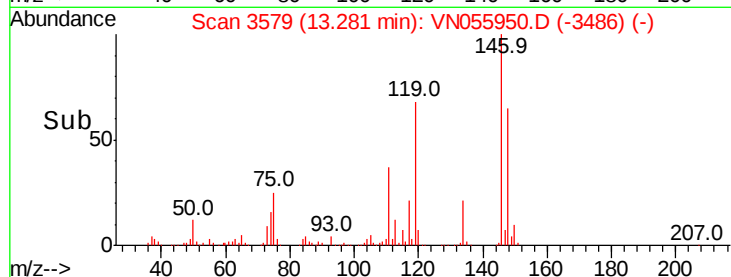
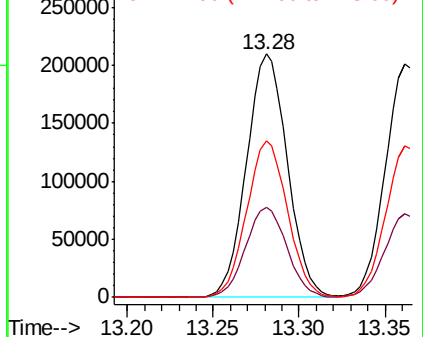
146 100

111 37.2 18.5 55.5

148 64.2 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 52.318 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

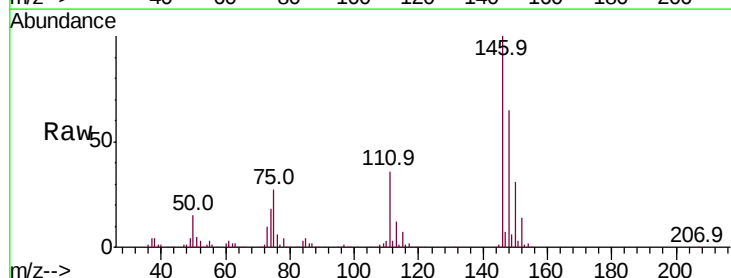
Tgt Ion:146 Resp: 332368

Ion Ratio Lower Upper

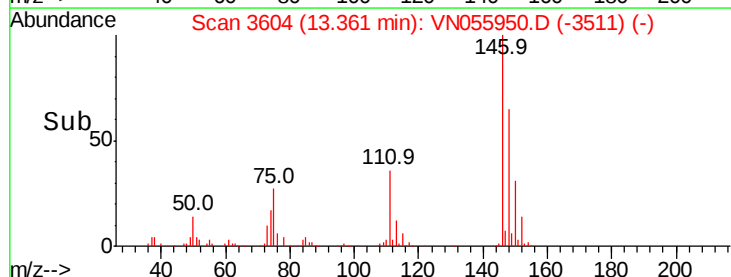
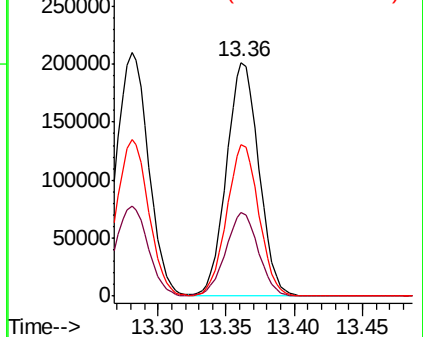
146 100

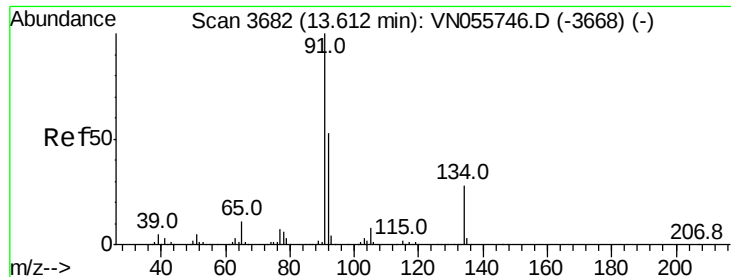
111 35.9 18.1 54.4

148 64.4 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

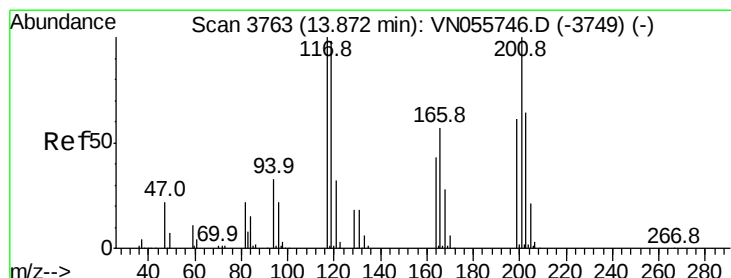
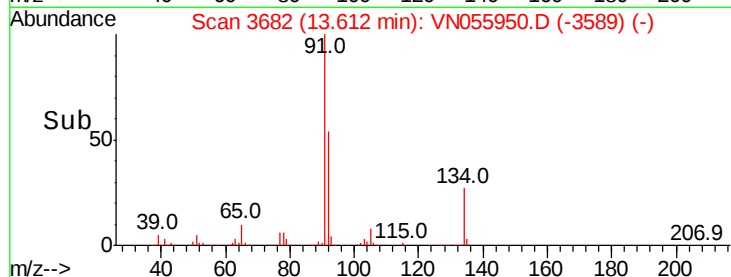
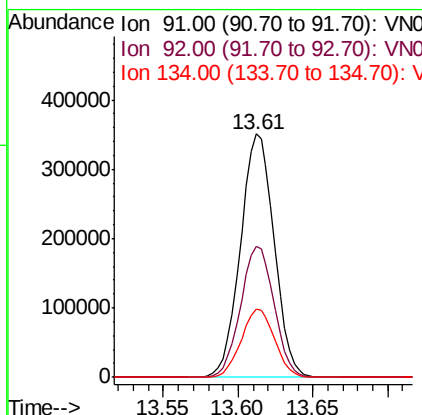
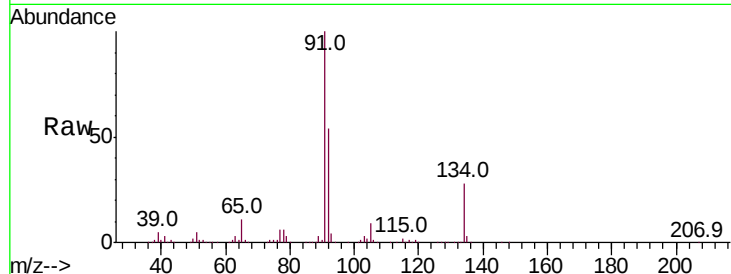




#89
n-Butylbenzene
Concen: 52.192 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

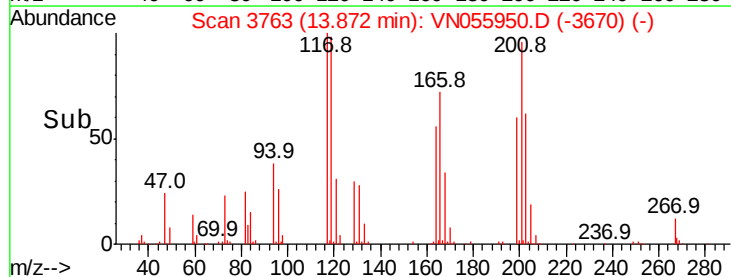
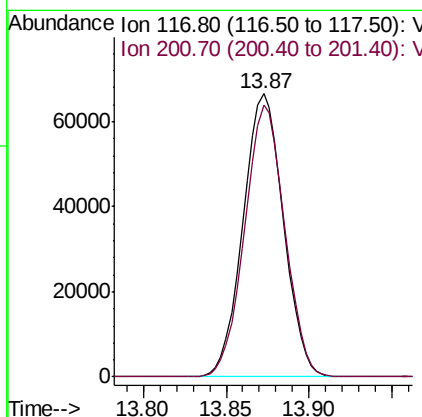
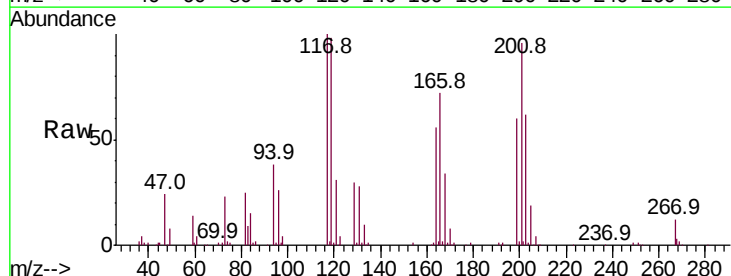
Instrument :
MSVOA_N
ClientSampleId :

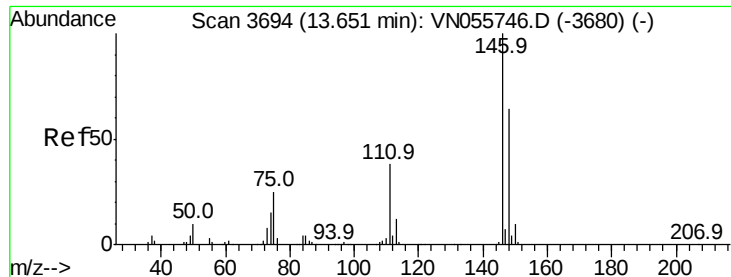
Tot Ion: 91 Resp: 549197
Ion Ratio Lower Upper
91 100
92 53.5 26.4 79.0
134 27.7 13.9 41.7



#90
Hexachloroethane
Concen: 43.088 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion: 117 Resp: 112633
Ion Ratio Lower Upper
117 100
201 95.1 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 50.534 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

Instrument :

MSVOA_N

ClientSampled :

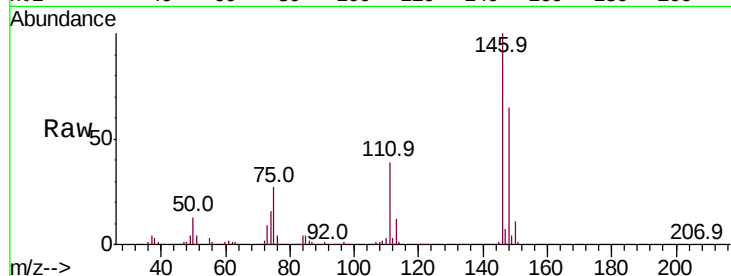
Tot Ion:146 Resp: 336888

Ion Ratio Lower Upper

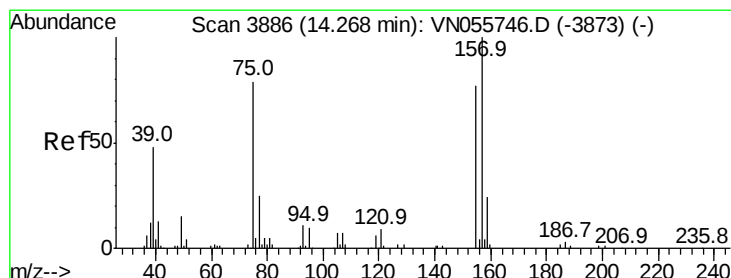
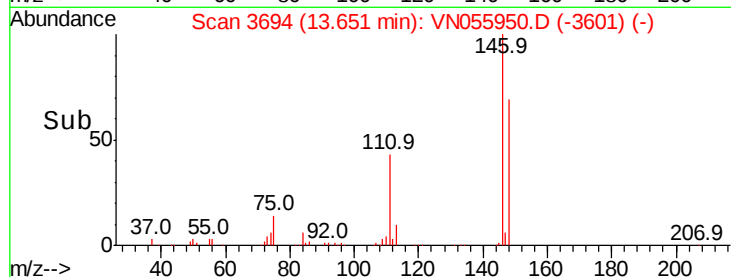
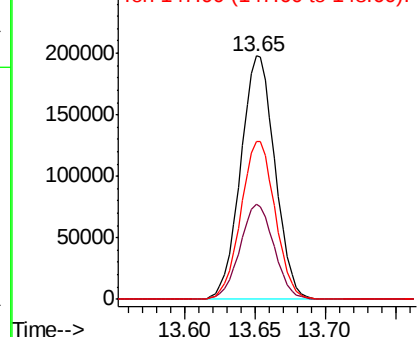
146 100

111 38.8 19.1 57.5

148 64.8 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 42.783 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055950.D

Acq: 3 Jun 2019 9:55

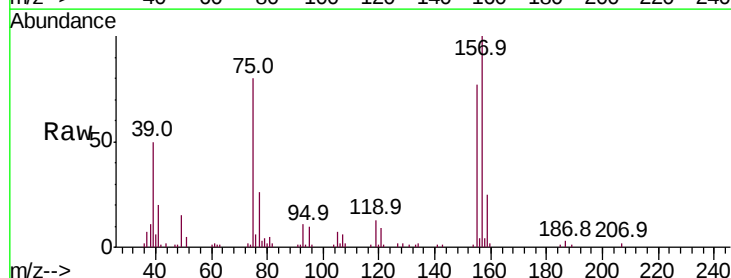
Tgt Ion: 75 Resp: 37488

Ion Ratio Lower Upper

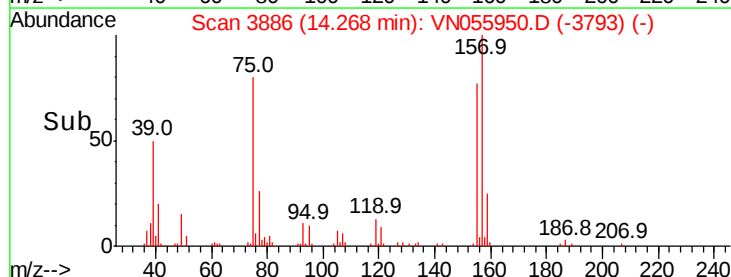
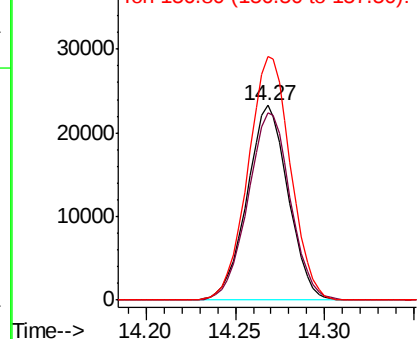
75 100

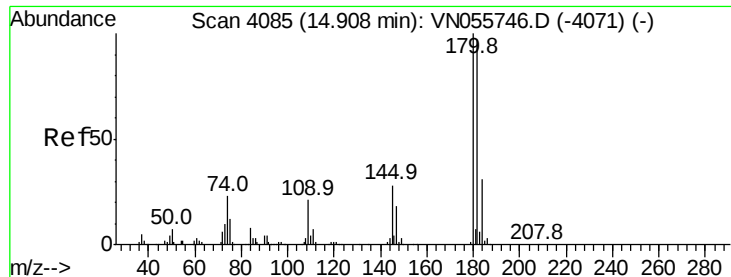
155 99.0 50.0 150.1

157 129.1 64.8 194.3



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

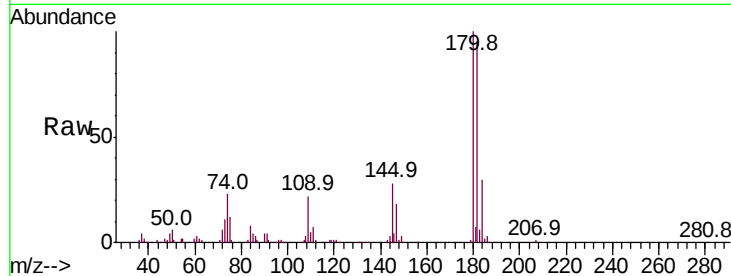




#93
 1,2,4-Trichlorobenzene
 Concen: 47.773 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.9	48.3	144.9
145	28.1	14.0	41.9

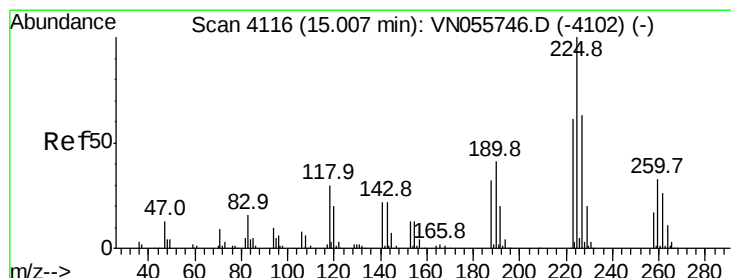
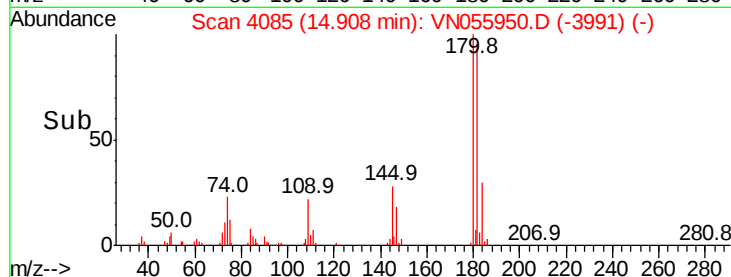
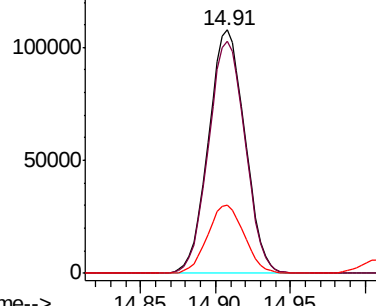


Abundance

Ion 179.80 (179.50 to 180.50): V

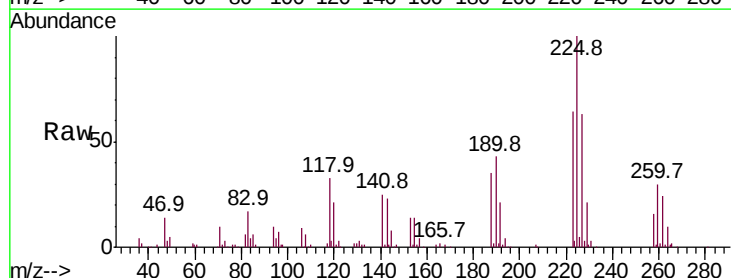
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 55.414 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055950.D
 Acq: 3 Jun 2019 9:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	30.9	92.7
227	63.5	31.6	94.7

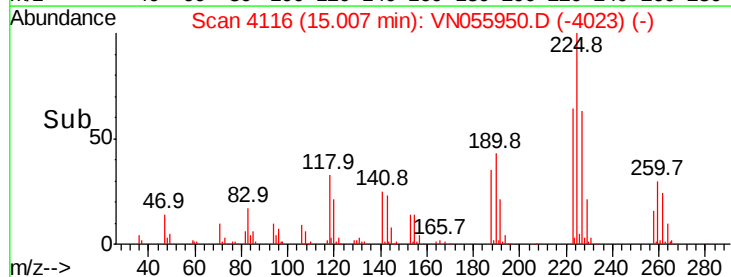
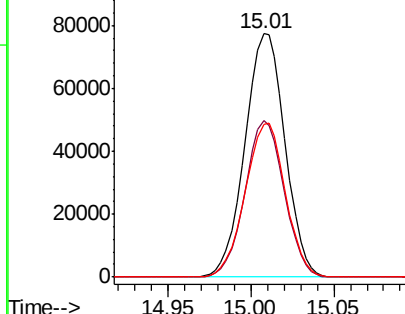


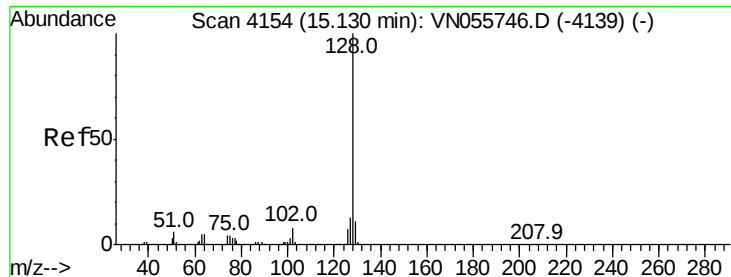
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

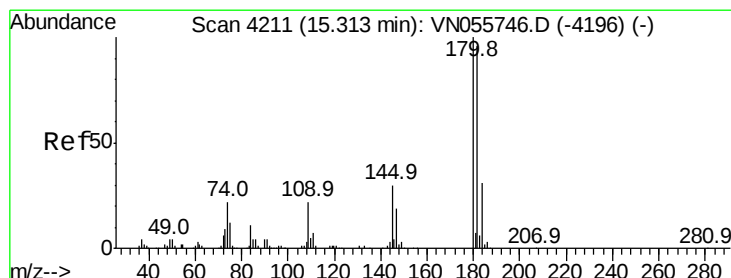
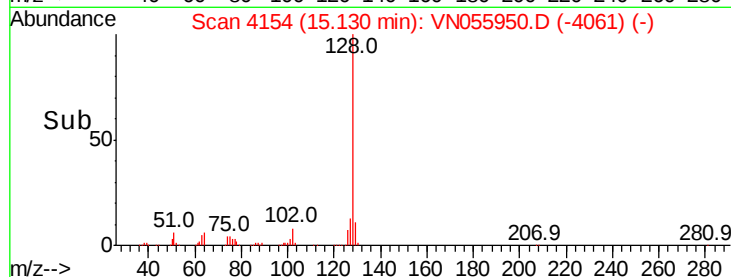
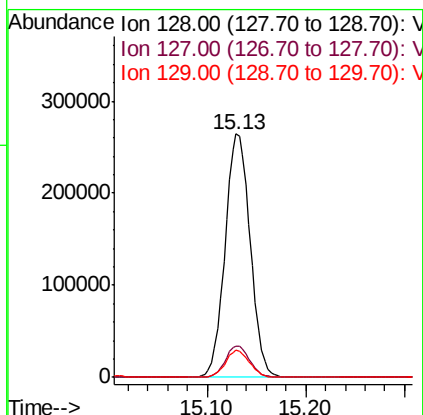
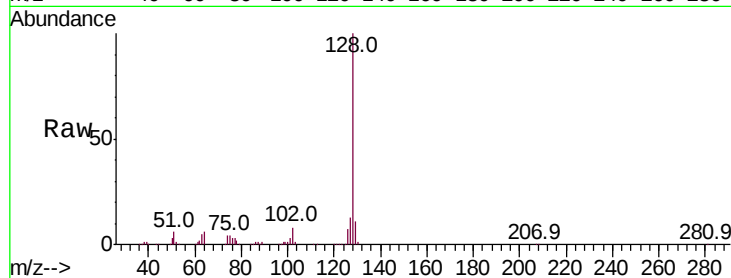




#95
Naphthalene
Concen: 51.163 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 468036
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 53.674 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN055950.D
Acq: 3 Jun 2019 9:55

Tgt Ion:180 Resp: 189149
Ion Ratio Lower Upper
180 100
182 95.8 47.9 143.7
145 29.9 14.9 44.7

