

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055979.D
 Acq On : 4 Jun 2019 10:02
 Operator : JC/SP
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Quant Time: Jun 05 01:11:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	327508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	473334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	435182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	319967	98.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.78%	
35) Dibromofluoromethane	7.59	113	289510	99.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.38%	
50) Toluene-d8	10.09	98	1123744	100.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	201.12%	
62) 4-Bromofluorobenzene	12.40	95	404555	106.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	212.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	362829	100.481	ug/l	99
3) Chloromethane	2.06	50	374565	105.505	ug/l	100
4) Vinyl Chloride	2.18	62	372323	104.551	ug/l	99
5) Bromomethane	2.52	94	205491	91.347	ug/l	99
6) Chloroethane	2.67	64	200357	97.036	ug/l	98
7) Trichlorofluoromethane	3.00	101	454599	99.994	ug/l	99
8) Diethyl Ether	3.40	74	182685	97.715	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	278656	100.902	ug/l	100
10) Methyl Iodide	3.94	142	458358	104.442	ug/l	99
11) Tert butyl alcohol	4.82	59	287451	507.956	ug/l	100
12) 1,1-Dichloroethene	3.72	96	281873	102.522	ug/l	97
13) Acrolein	3.60	56	82859	507.686	ug/l	99
14) Allyl chloride	4.31	41	450392	103.743	ug/l	99
15) Acrylonitrile	4.99	53	726257	527.208	ug/l	99
16) Acetone	3.82	43	756853	486.637	ug/l	100
17) Carbon Disulfide	4.03	76	730596	110.982	ug/l	100
18) Methyl Acetate	4.32	43	300553	98.946	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	873145	99.631	ug/l	100
20) Methylene Chloride	4.54	84	317216	98.999	ug/l	98
21) trans-1,2-Dichloroethene	5.03	96	298695	101.395	ug/l	96
22) Diisopropyl ether	5.95	45	901111	100.409	ug/l	97
23) Vinyl Acetate	5.89	43	3793890	536.822	ug/l	99
24) 1,1-Dichloroethane	5.84	63	515291	99.540	ug/l	99
25) 2-Butanone	6.84	43	1021539	519.857	ug/l	98
26) 2,2-Dichloropropane	6.82	77	405978	100.502	ug/l	97
27) cis-1,2-Dichloroethene	6.82	96	346911	100.183	ug/l	97
28) Bromochloromethane	7.19	49	247715	101.187	ug/l	97
29) Tetrahydrofuran	7.21	42	625913	515.296	ug/l	99
30) Chloroform	7.37	83	520553	99.960	ug/l	100
31) Cyclohexane	7.65	56	492596	95.463	ug/l	98
32) 1,1,1-Trichloroethane	7.56	97	448881	103.222	ug/l	99
36) 1,1-Dichloropropene	7.79	75	405109	99.535	ug/l	99
37) Ethyl Acetate	6.93	43	383360	105.862	ug/l	99
38) Carbon Tetrachloride	7.77	117	389224	103.728	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	512012	100.987	ug/l	99
40) Benzene	8.04	78	1238711	100.207	ug/l	100
41) Methacrylonitrile	7.17	41	181767	109.094	ug/l	97
42) 1,2-Dichloroethane	8.12	62	388849	97.792	ug/l	100
43) Isopropyl Acetate	8.17	43	620282	105.702	ug/l #	92
44) Trichloroethene	8.83	130	351331	98.909	ug/l	99
45) 1,2-Dichloropropane	9.12	63	317941	100.413	ug/l	98
46) Dibromomethane	9.20	93	211535	102.164	ug/l	100
47) Bromodichloromethane	9.40	83	400526	106.731	ug/l	99
48) Methyl methacrylate	9.20	41	302086	105.223	ug/l	97
49) 1,4-Dioxane	9.20	88	131552	2122.506	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	1935165	527.335	ug/l	99
52) Toluene	10.15	92	786714	102.275	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	444367	98.553	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	499610	110.760	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	310951	102.052	ug/l	99
56) Ethyl methacrylate	10.43	69	488462	109.886	ug/l	99
57) 1,3-Dichloropropane	10.71	76	508602	102.680	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	895063	492.510	ug/l	99
59) 2-Hexanone	10.75	43	1416042	532.403	ug/l	98
60) Dibromochloromethane	10.90	129	339860	98.626	ug/l	99
61) 1,2-Dibromoethane	11.00	107	332058	106.602	ug/l	99
64) Tetrachloroethene	10.63	164	349454	92.768	ug/l	98
65) Chlorobenzene	11.43	112	852980	98.485	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	314636	105.211	ug/l	99
67) Ethyl Benzene	11.51	91	1503849	99.857	ug/l	99
68) m/p-Xylenes	11.62	106	1169613	203.301	ug/l	99
69) o-Xylene	11.95	106	568767	100.505	ug/l	100
70) Styrene	11.96	104	971928	108.094	ug/l	99
71) Bromoform	12.13	173	258692	100.126	ug/l #	100
73) Isopropylbenzene	12.25	105	1490202	98.671	ug/l	100
74) N-amyl acetate	12.07	43	539051	93.164	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	437104	86.746	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	537376	134.546	ug/l #	100
77) Bromobenzene	12.53	156	413351	88.946	ug/l	96
78) n-propylbenzene	12.59	91	1659777	90.386	ug/l	100
79) 2-Chlorotoluene	12.67	91	986622	99.148	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1271646	87.133	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	131350	109.519	ug/l	98
82) 4-Chlorotoluene	12.77	91	1001226	93.196	ug/l	100
83) tert-Butylbenzene	12.99	119	1101073	99.964	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1264676	91.380	ug/l	99
85) sec-Butylbenzene	13.17	105	1443414	88.759	ug/l	100
86) p-Isopropyltoluene	13.29	119	1342093	92.214	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	699524	97.257	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	680819	98.400	ug/l	100
89) n-Butylbenzene	13.61	91	1096570	101.709	ug/l	100
90) Hexachloroethane	13.87	117	214019	97.508	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	678698	93.463	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	76507	106.154	ug/l	96

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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

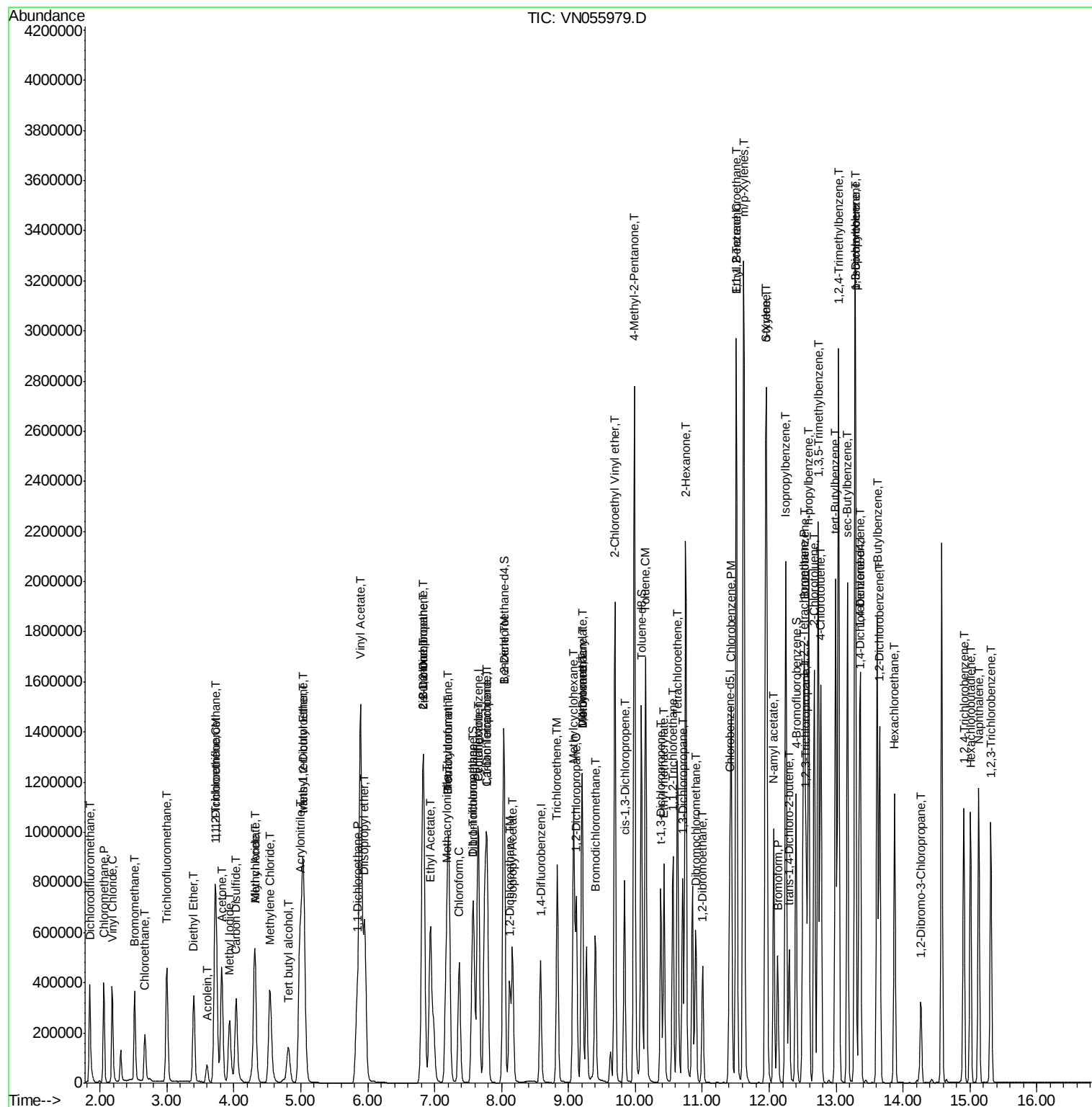
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	404134	96.638	ug/l	99
94) Hexachlorobutadiene	15.01	225	242684	99.505	ug/l	99
95) Naphthalene	15.13	128	1051052	97.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	405832	96.512	ug/l	100

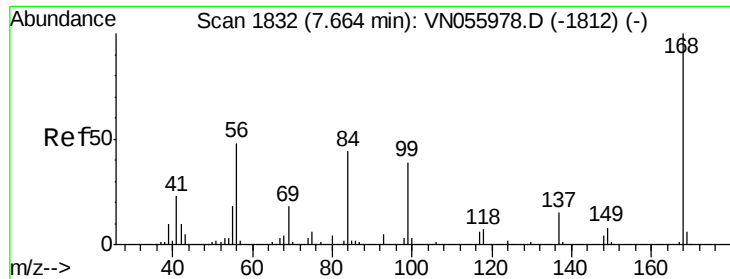
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

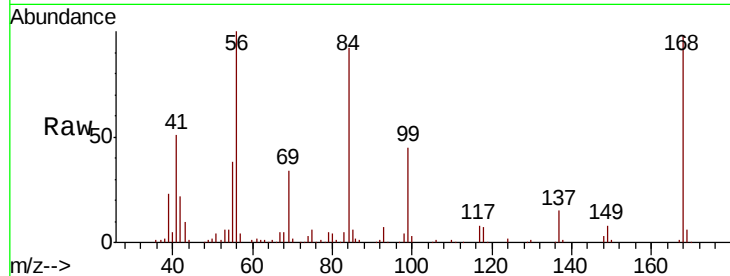
VSTDIC100

Tot Ion:168 Resp: 327508

Ion Ratio Lower Upper

168 100

99 45.4 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

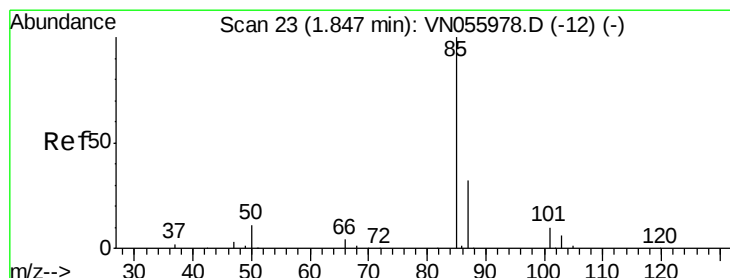
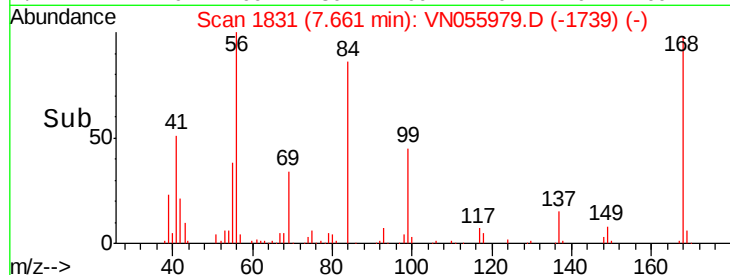
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 100.481 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055979.D

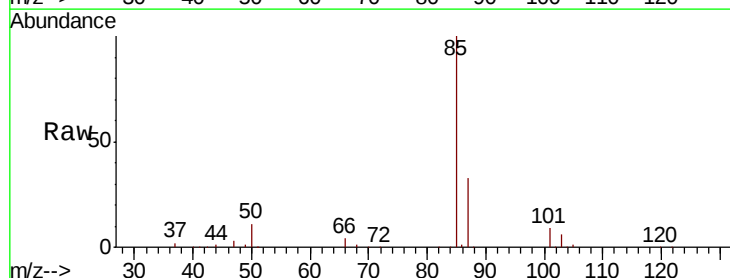
Acq: 4 Jun 2019 10:02

Tgt Ion: 85 Resp: 362829

Ion Ratio Lower Upper

85 100

87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

250000

200000

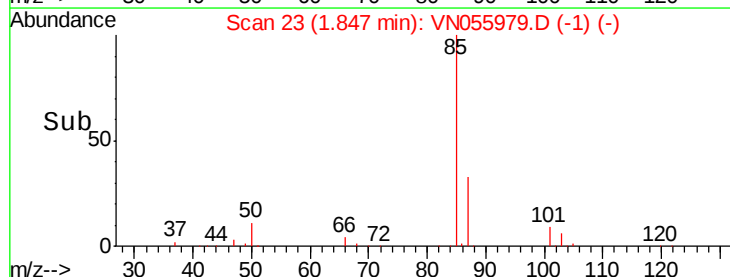
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Time-->

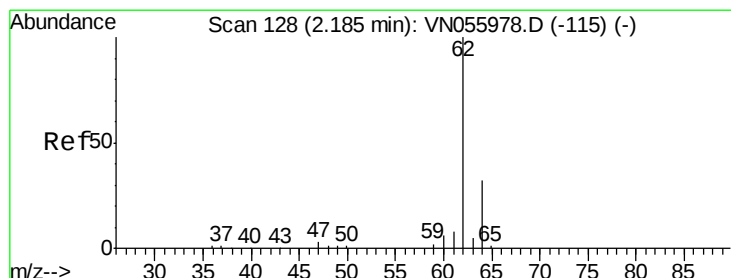
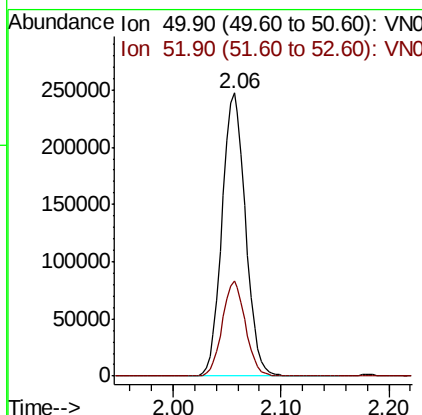
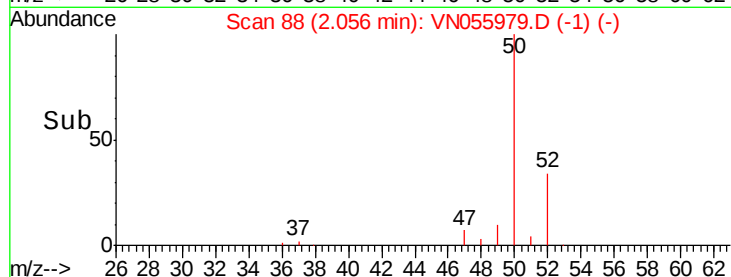
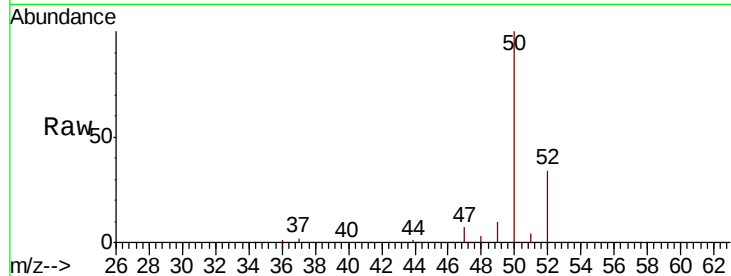




#3
 Chloromethane
 Concen: 105.505 ug/l
 RT: 2.06 min Scan# 88
 Delta R.T. -0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

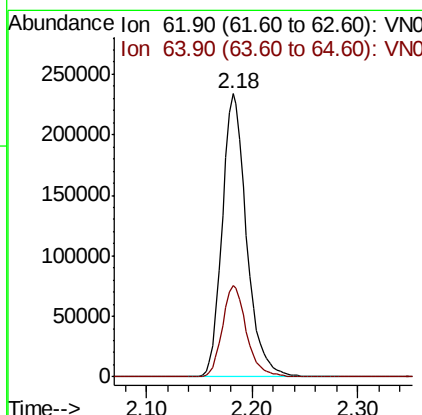
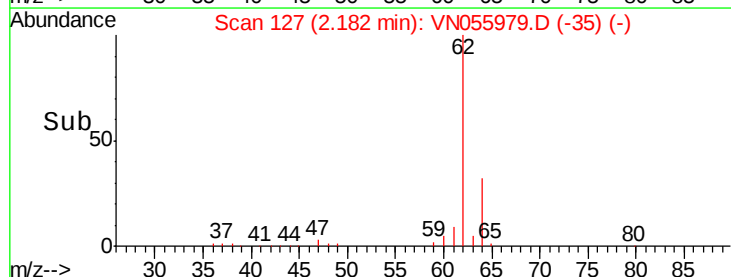
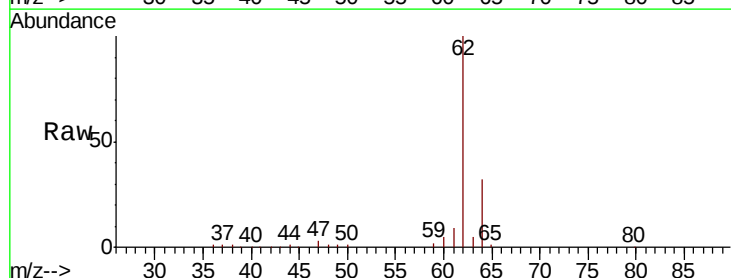
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

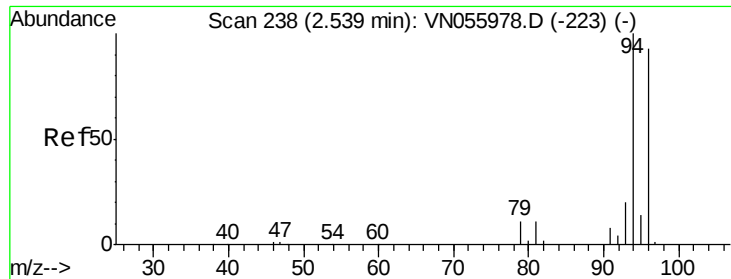
Tot Ion: 50 Resp: 374565
 Ion Ratio Lower Upper
 50 100
 52 33.6 26.6 40.0



#4
 Vinyl Chloride
 Concen: 104.551 ug/l
 RT: 2.18 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion: 62 Resp: 372323
 Ion Ratio Lower Upper
 62 100
 64 32.5 25.6 38.4

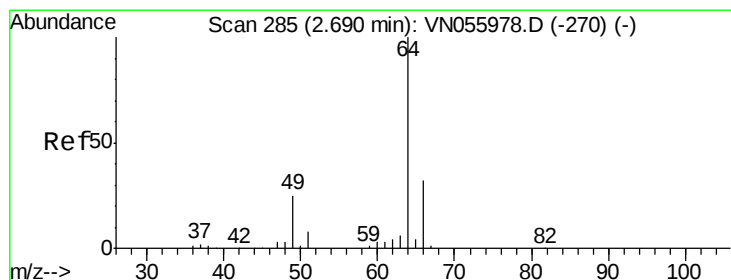
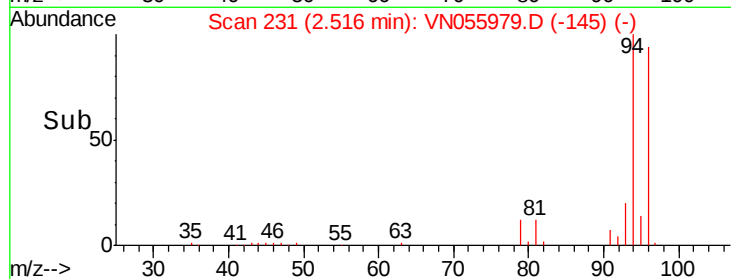
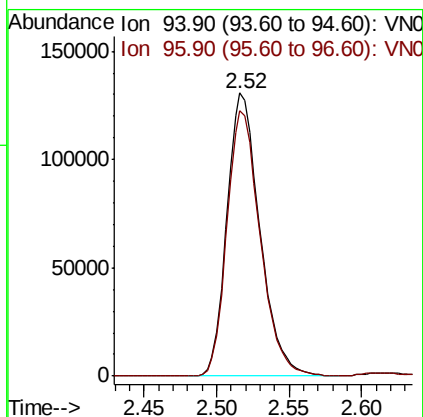
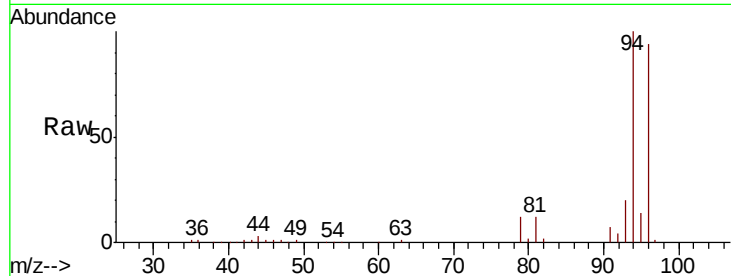




#5
Bromomethane
Concen: 91.347 ug/l
RT: 2.52 min Scan# 231
Delta R.T. -0.02 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

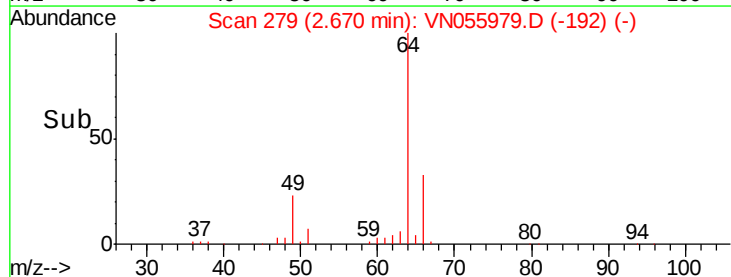
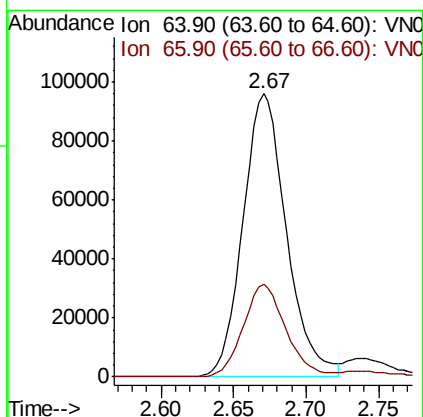
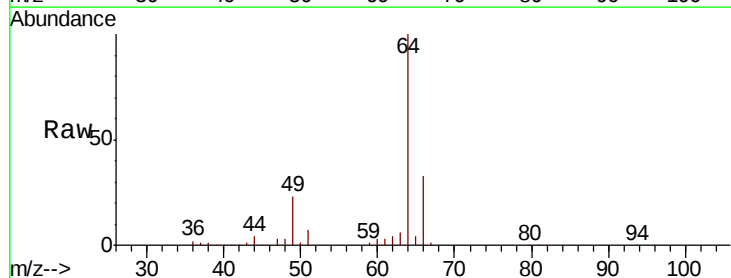
Instrument :
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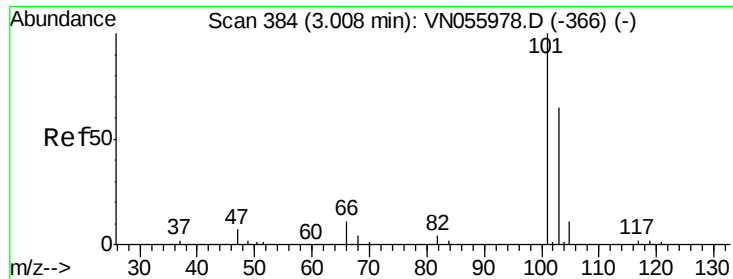
Tot Ion: 94 Resp: 205491
Ion Ratio Lower Upper
94 100
96 93.7 75.5 113.3



#6
Chloroethane
Concen: 97.036 ug/l
RT: 2.67 min Scan# 279
Delta R.T. -0.02 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion: 64 Resp: 200357
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0



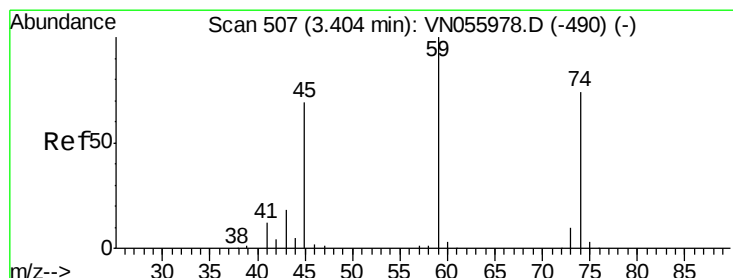
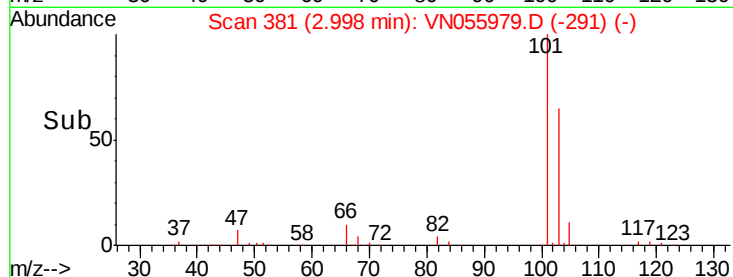
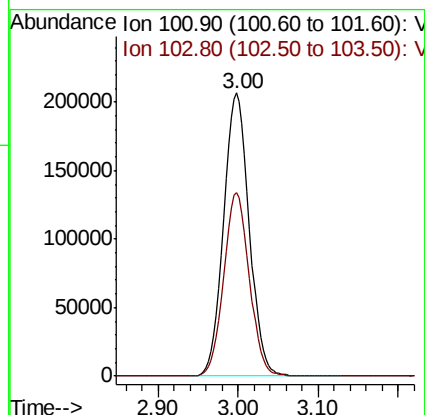
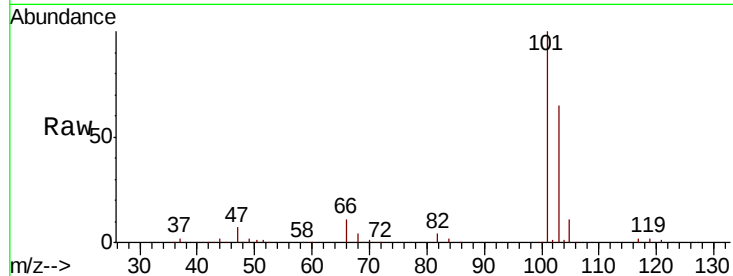


#7

Trichlorofluoromethane
Concen: 99.994 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.01 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

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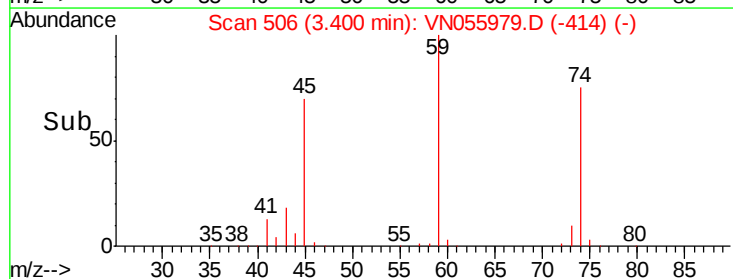
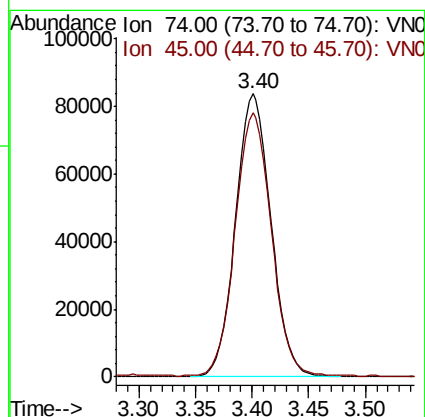
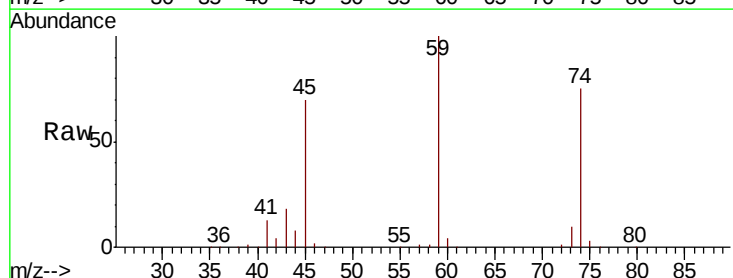
Tot Ion:101 Resp: 454599
Ion Ratio Lower Upper
101 100
103 65.1 51.2 76.8

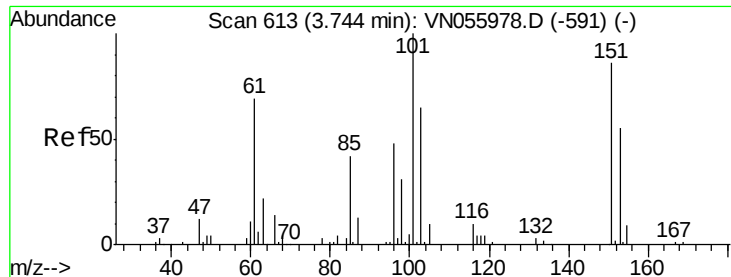


#8

Diethyl Ether
Concen: 97.715 ug/l
RT: 3.40 min Scan# 506
Delta R.T. -0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion: 74 Resp: 182685
Ion Ratio Lower Upper
74 100
45 94.7 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 100.902 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

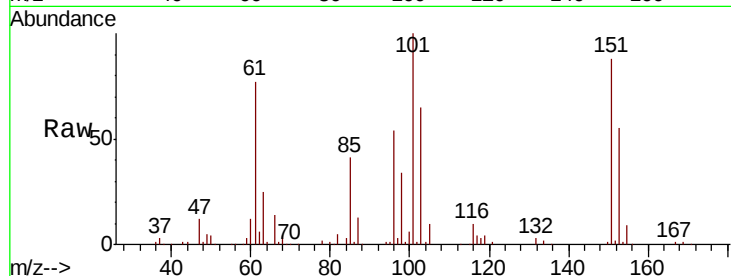
Tot Ion:101 Resp: 278656

Ion Ratio Lower Upper

101 100

85 41.0 33.4 50.2

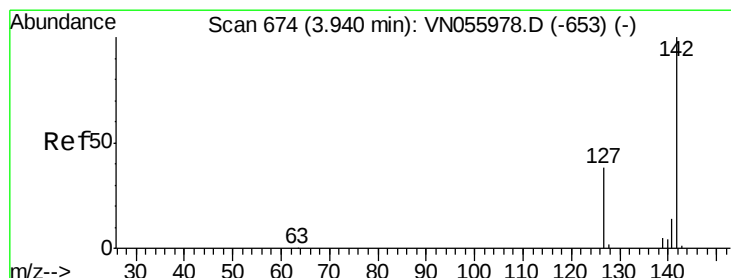
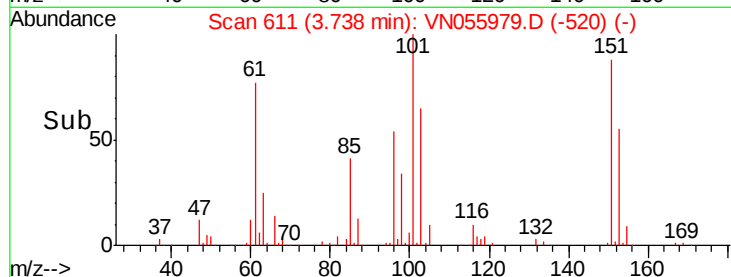
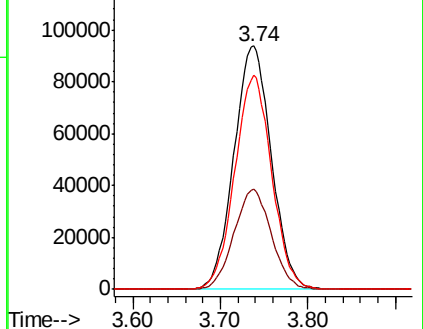
151 86.8 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 104.442 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

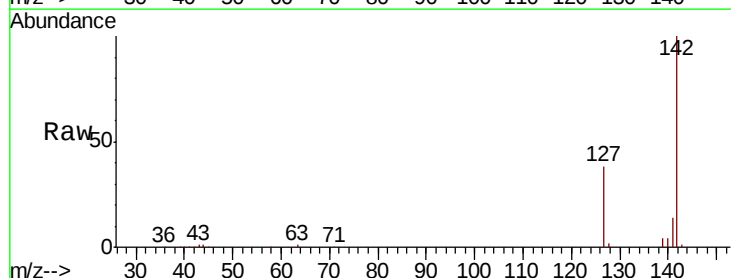
Tgt Ion:142 Resp: 458358

Ion Ratio Lower Upper

142 100

127 37.7 31.0 46.4

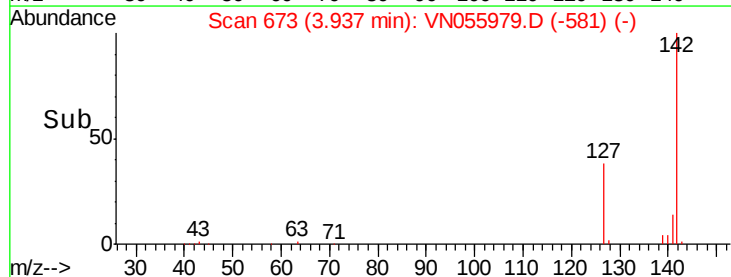
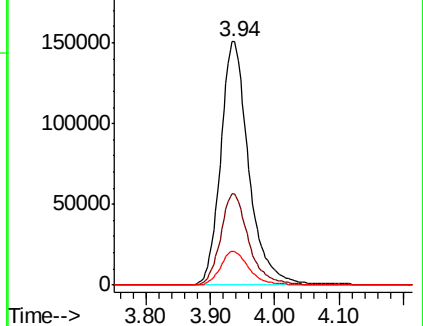
141 14.1 11.4 17.0

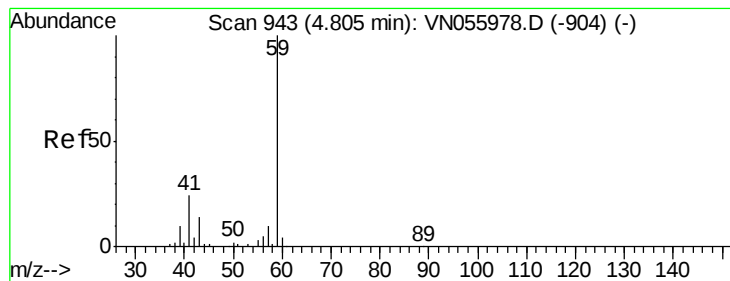


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



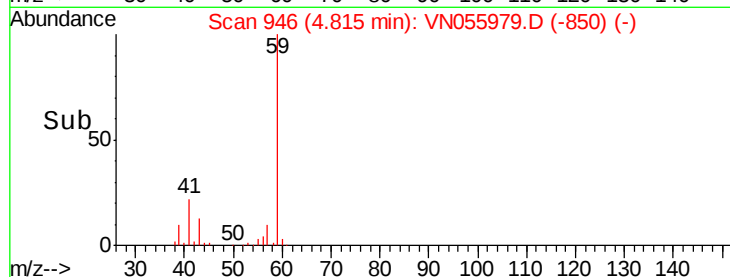
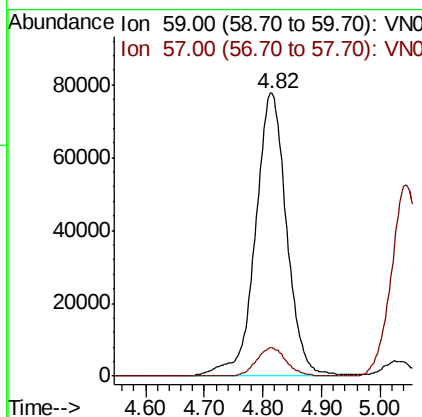
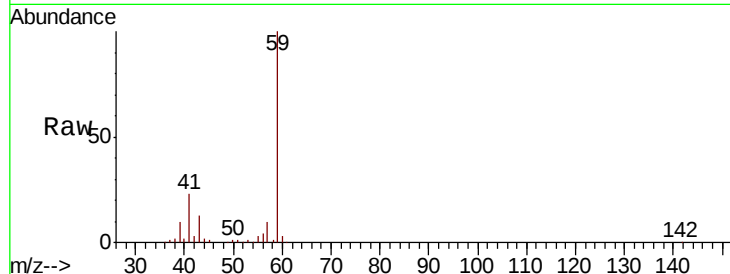


#11

Tert butyl alcohol
 Concen: 507.956 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

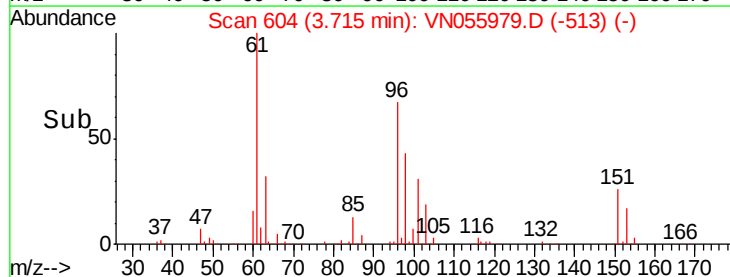
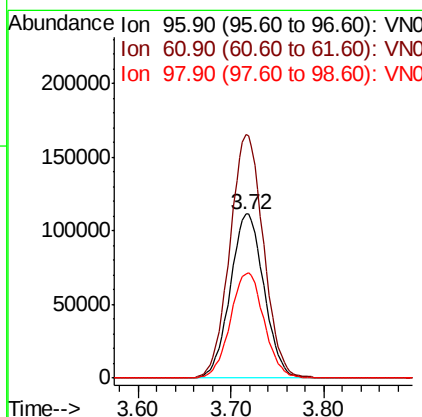
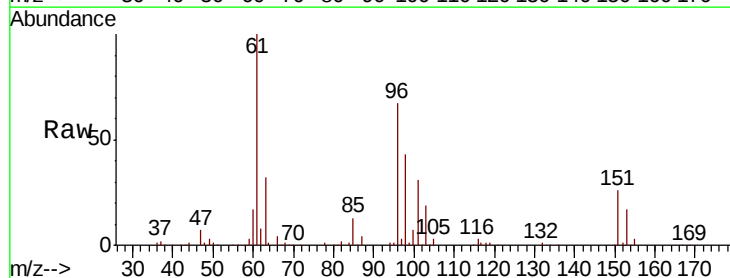
Tot Ion: 59 Resp: 287451
 Ion Ratio Lower Upper
 59 100
 57 9.7 7.8 11.6

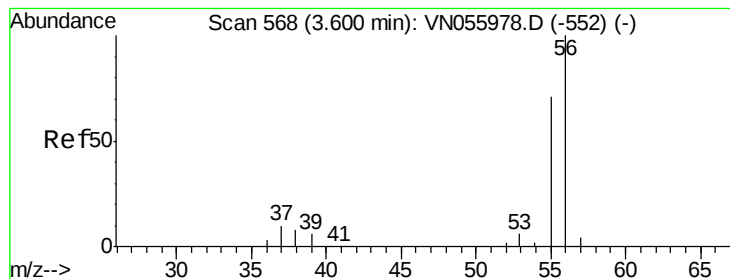


#12

1,1-Dichloroethene
 Concen: 102.522 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion: 96 Resp: 281873
 Ion Ratio Lower Upper
 96 100
 61 148.4 123.2 184.8
 98 63.8 50.4 75.6





#13

Acrolein

Concen: 507.686 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

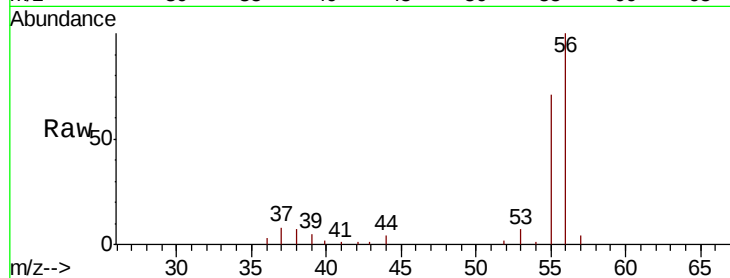
VSTDIC100

Tot Ion: 56 Resp: 82859

Ion Ratio Lower Upper

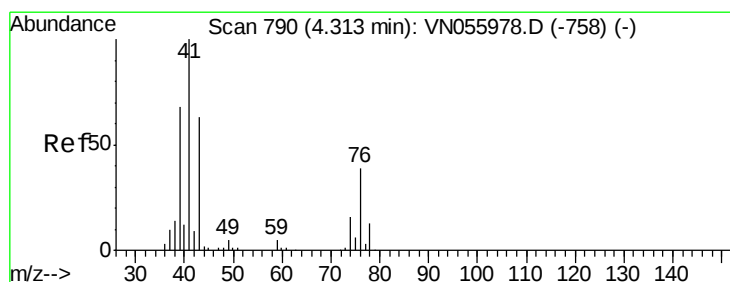
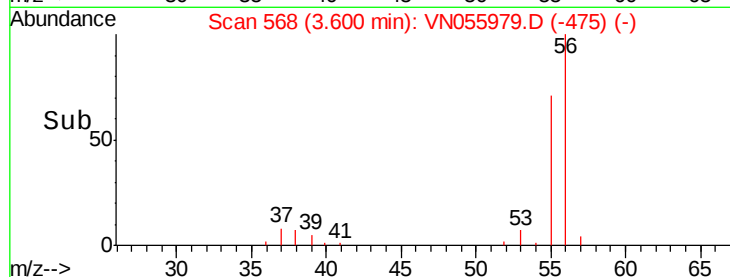
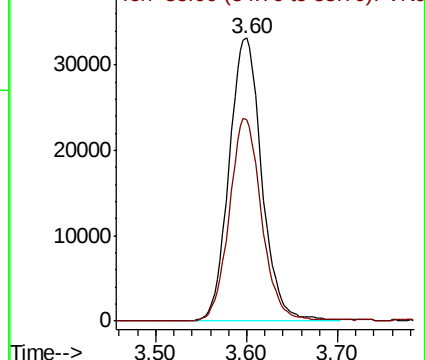
56 100

55 70.5 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: 103.743 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

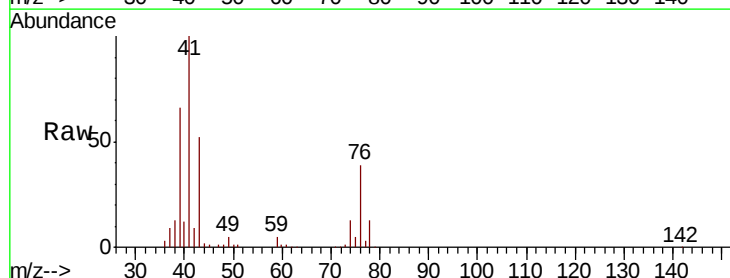
Tgt Ion: 41 Resp: 450392

Ion Ratio Lower Upper

41 100

39 61.9 50.0 75.0

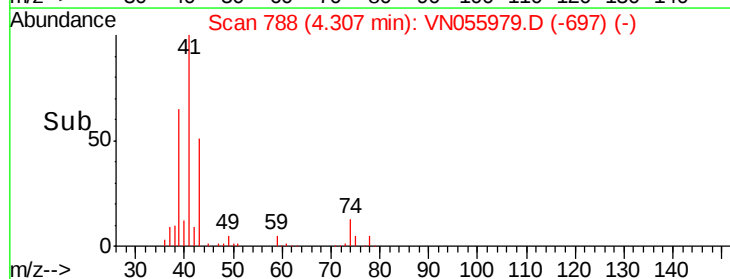
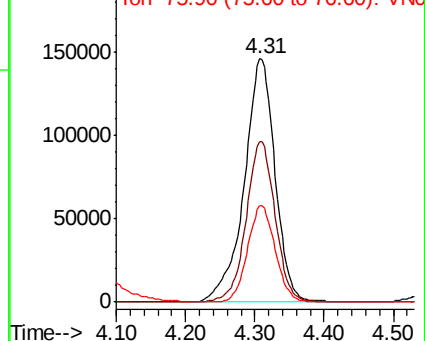
76 35.5 28.2 42.2

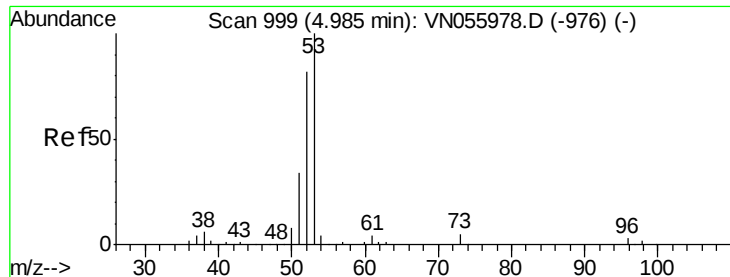


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 527.208 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

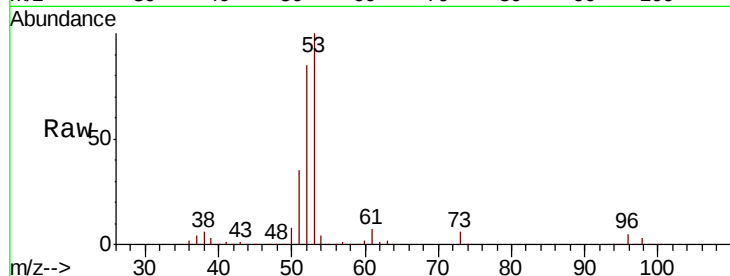
MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 53 Resp: 726257

Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.8	98.8
51	35.4	28.2	42.4

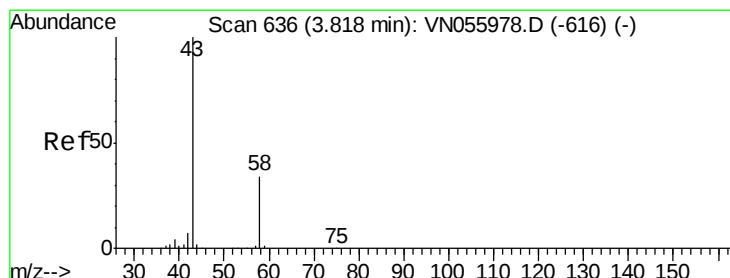
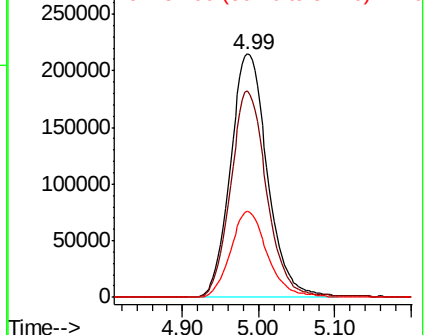
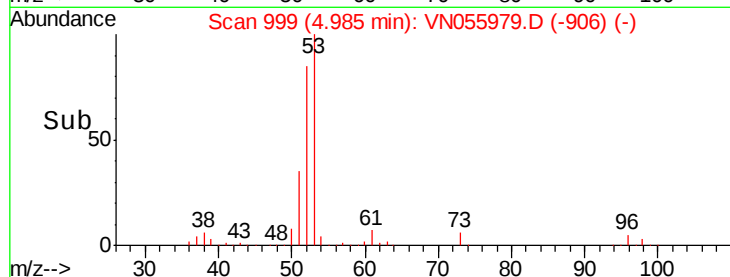


Abundance

Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 486.637 ug/l

RT: 3.82 min Scan# 636

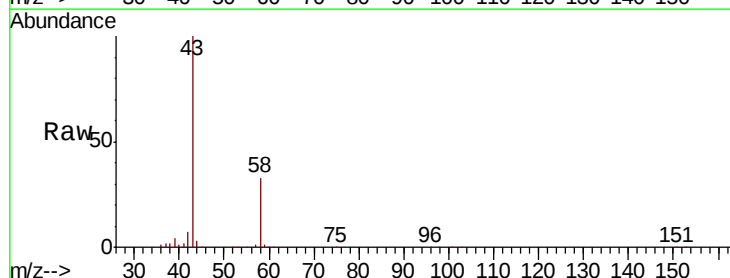
Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Tgt Ion: 43 Resp: 756853

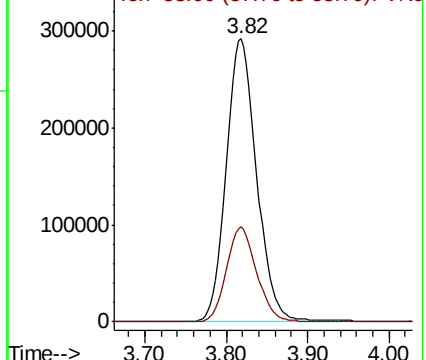
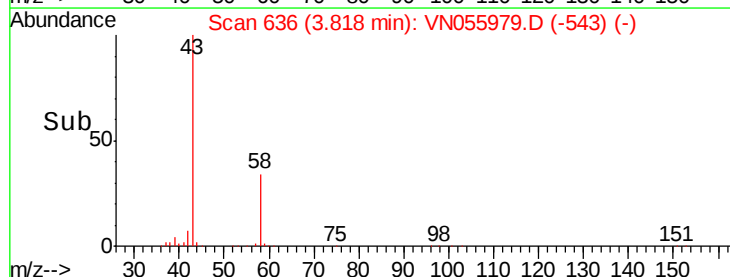
Ion	Ratio	Lower	Upper
43	100		
58	33.5	26.6	39.8

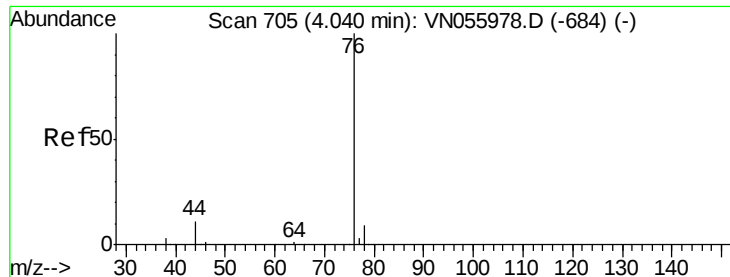


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

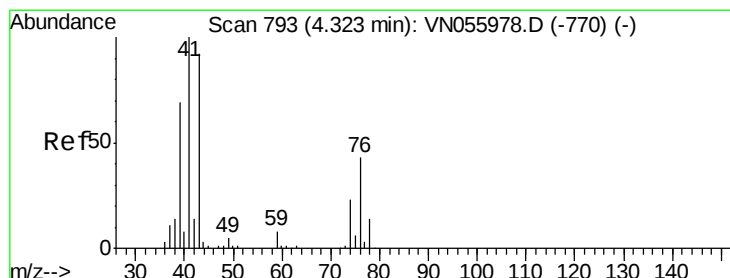
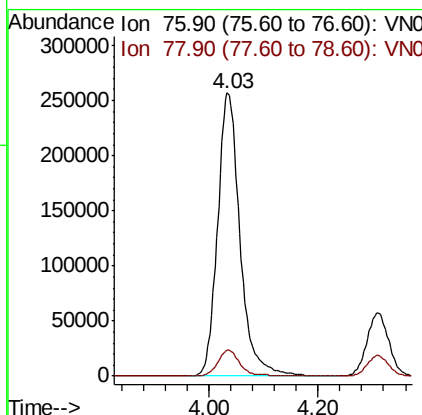
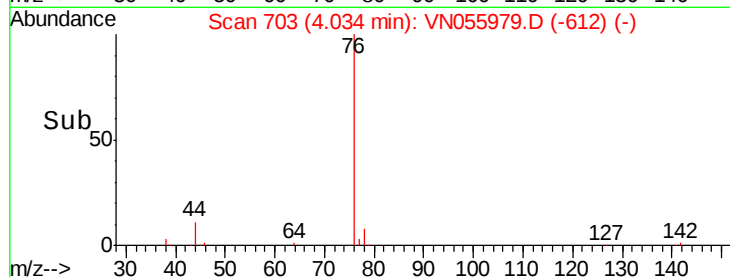
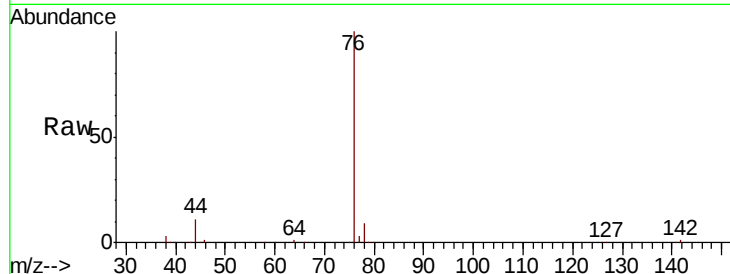




#17
Carbon Disulfide
Concen: 110.982 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

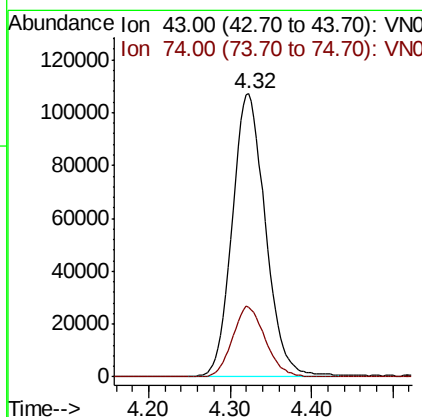
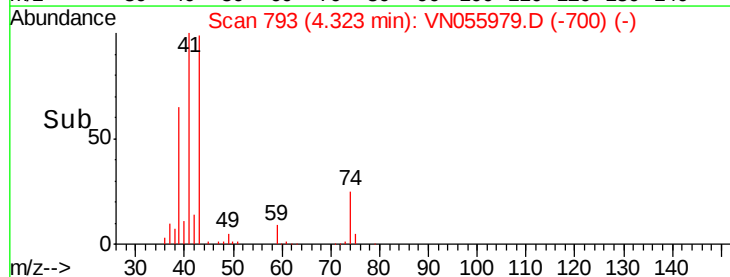
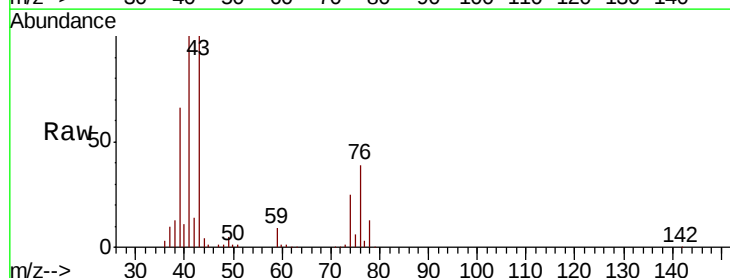
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

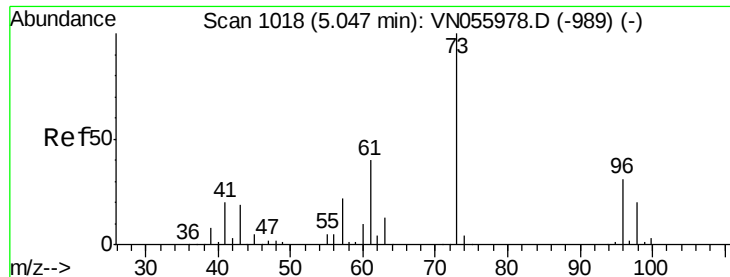
Tot Ion: 76 Resp: 730596
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 98.946 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion: 43 Resp: 300553
Ion Ratio Lower Upper
43 100
74 24.7 19.3 28.9

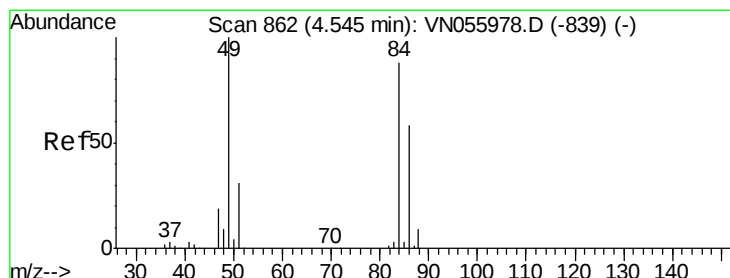
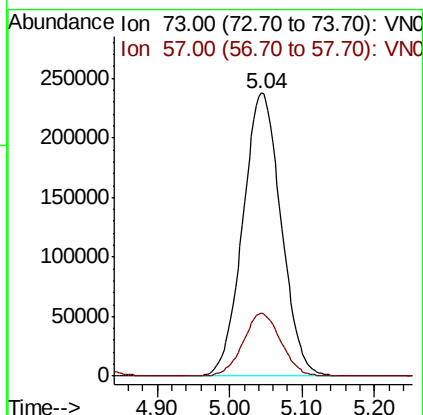
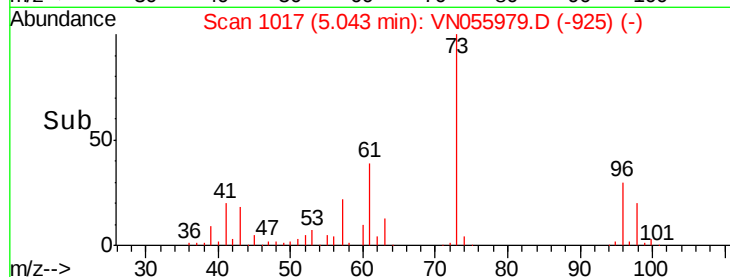
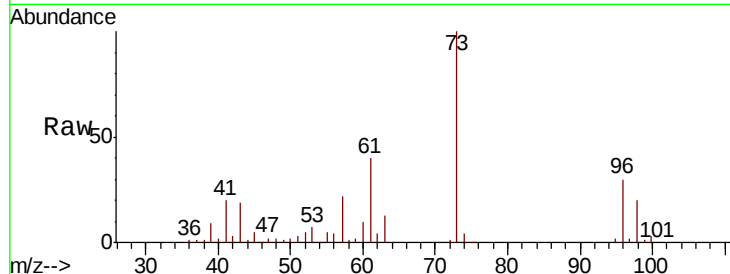




#19
Methyl tert-butyl Ether
Concen: 99.631 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

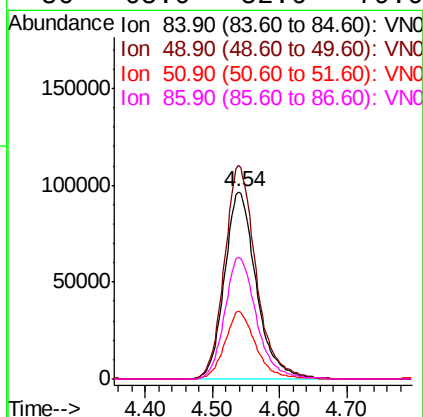
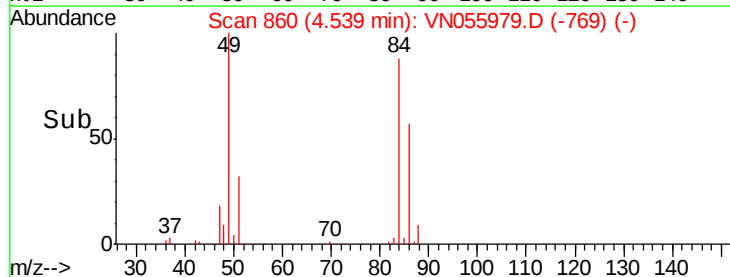
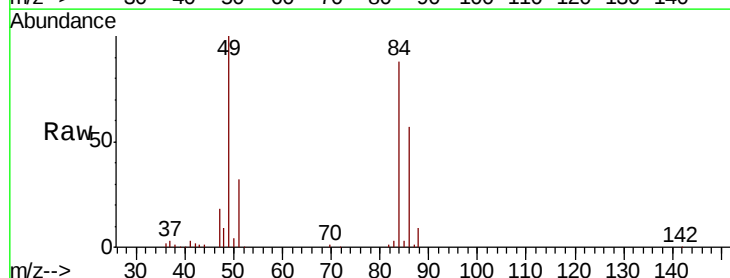
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

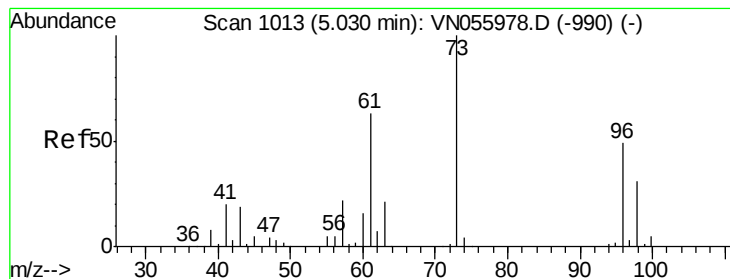
Tot Ion: 73 Resp: 873145
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 98.999 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion: 84 Resp: 317216
Ion Ratio Lower Upper
84 100
49 114.0 93.5 140.3
51 35.9 28.6 43.0
86 65.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 101.395 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

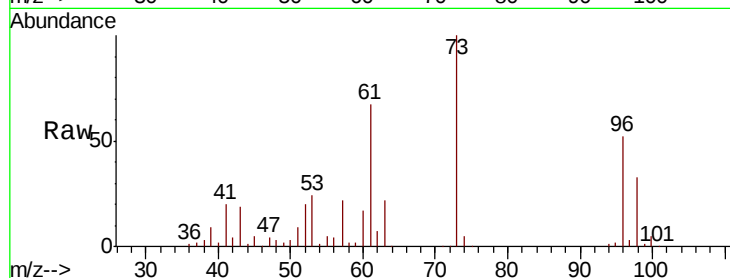
Tot Ion: 96 Resp: 298695

Ion Ratio Lower Upper

96 100

61 129.0 107.8 161.8

98 63.1 49.8 74.8

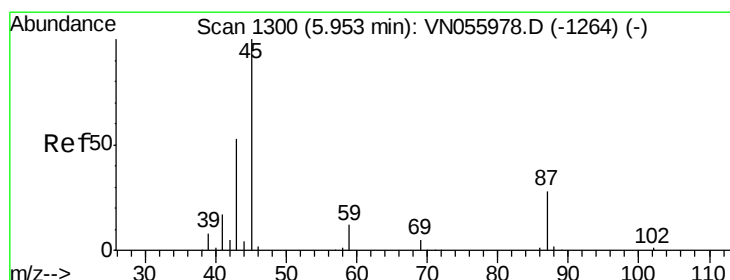
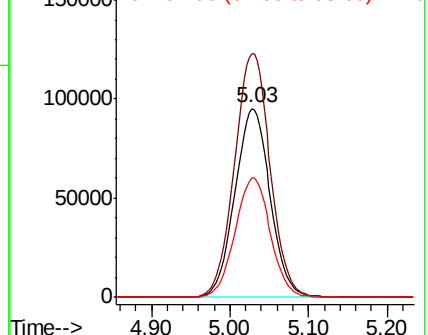
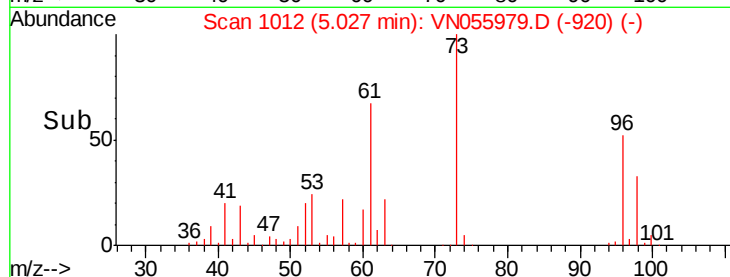


Abundance

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: 100.409 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Tgt Ion: 45 Resp: 901111

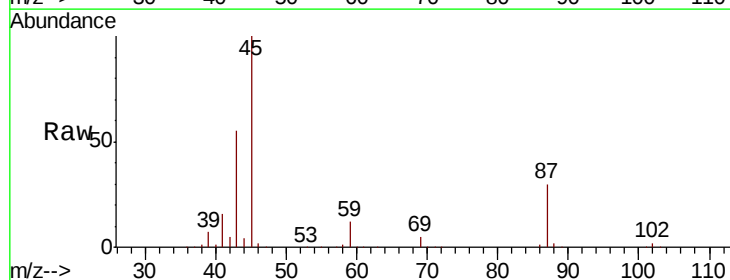
Ion Ratio Lower Upper

45 100

43 54.1 45.0 67.6

87 29.7 22.2 33.4

59 11.8 9.1 13.7



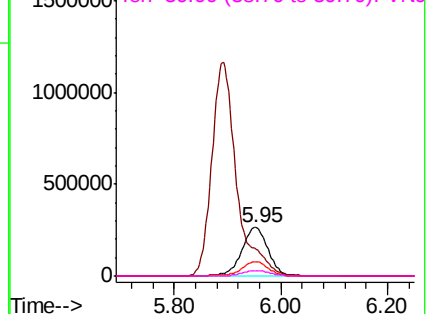
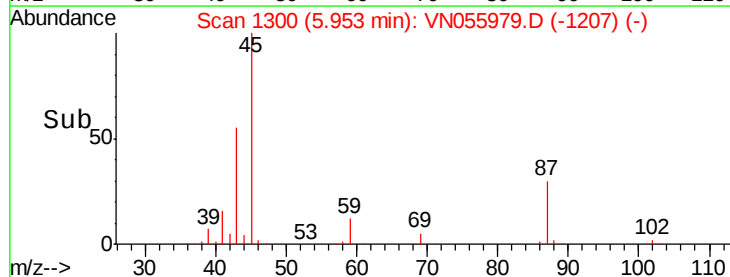
Abundance

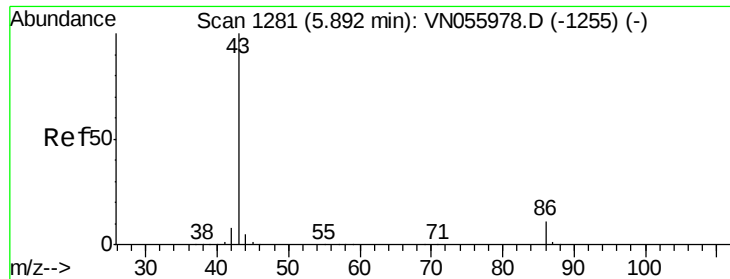
Ion 45.00 (44.70 to 45.70): VN0

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: 536.822 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

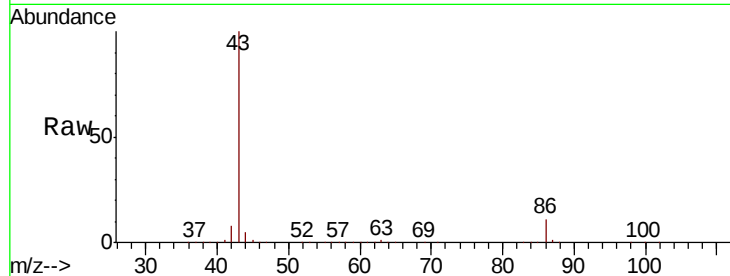
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 43 Resp: 3793890

Ion Ratio Lower Upper

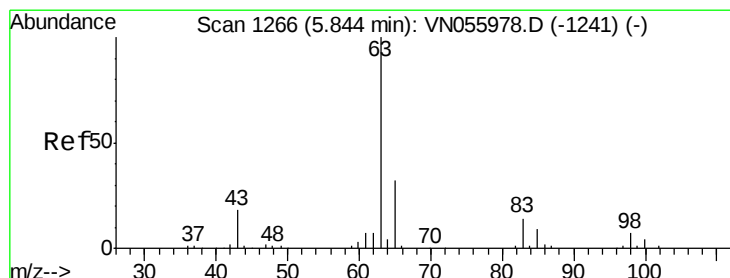
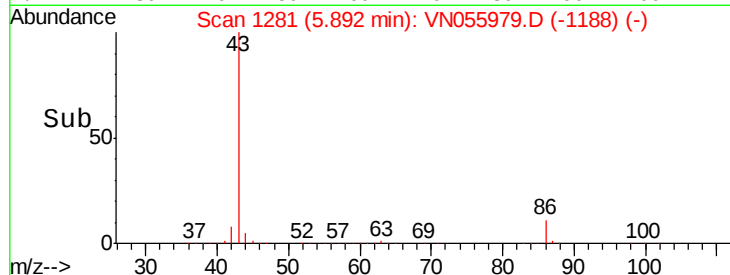
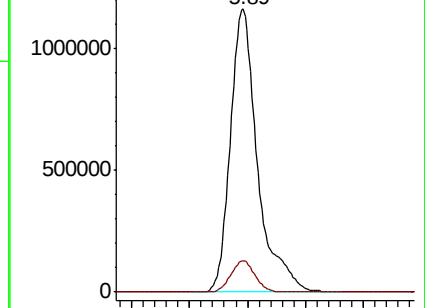
43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055979.D (-1188) (-)

Ion 86.00 (85.70 to 86.70): VN055979.D (-1188) (-)



#24

1,1-Dichloroethane

Concen: 99.540 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

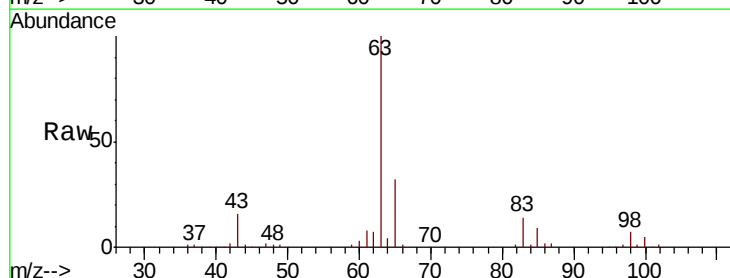
Tgt Ion: 63 Resp: 515291

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

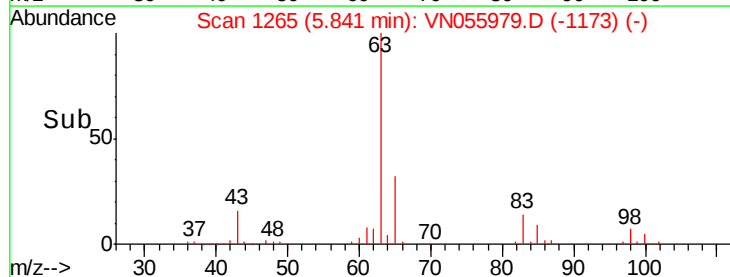
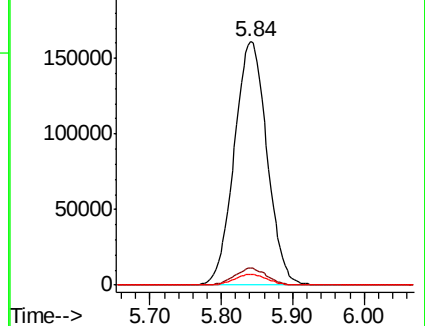
100 4.6 2.2 6.6

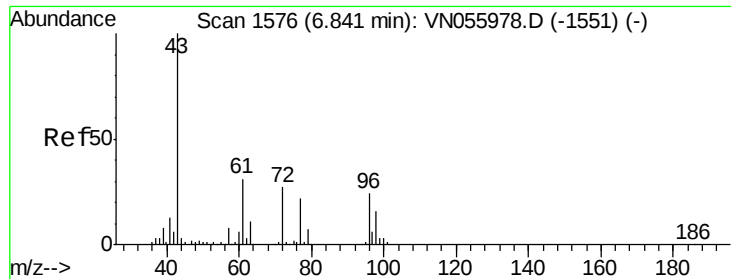


Abundance Ion 62.90 (62.60 to 63.60): VN055979.D (-1173) (-)

Ion 97.90 (97.60 to 98.60): VN055979.D (-1173) (-)

Ion 99.90 (99.60 to 100.60): VN055979.D (-1173) (-)

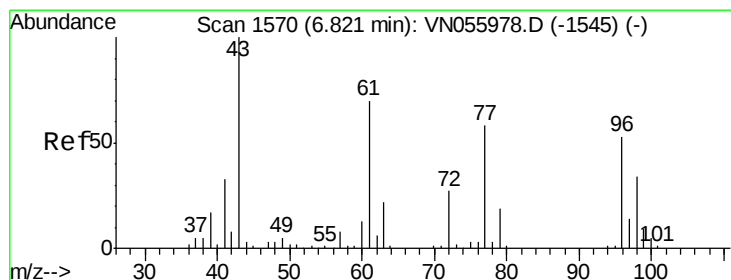
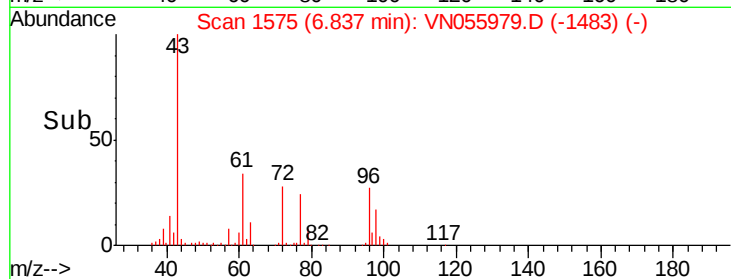
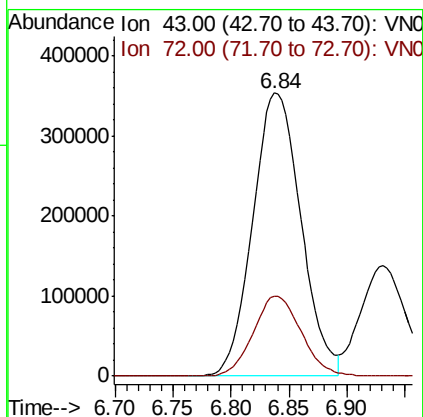
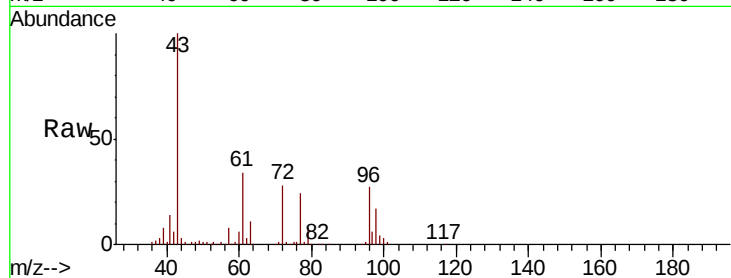




#25
2-Butanone
Concen: 519.857 ug/l
RT: 6.84 min Scan# 1575
Delta R.T. -0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

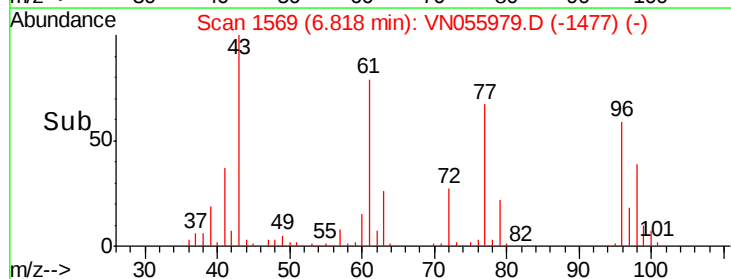
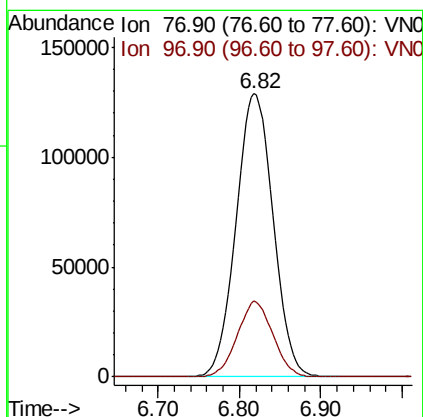
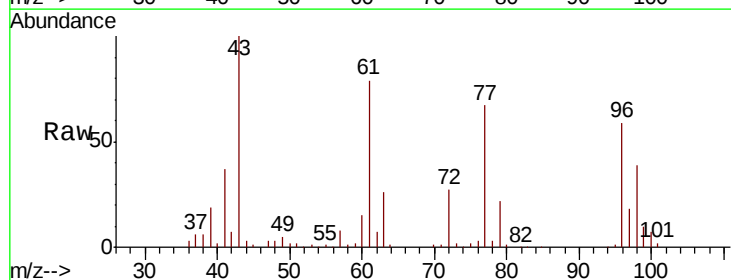
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1021539
Ion Ratio Lower Upper
43 100
72 28.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 100.502 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion: 77 Resp: 405978
Ion Ratio Lower Upper
77 100
97 25.7 12.2 36.6

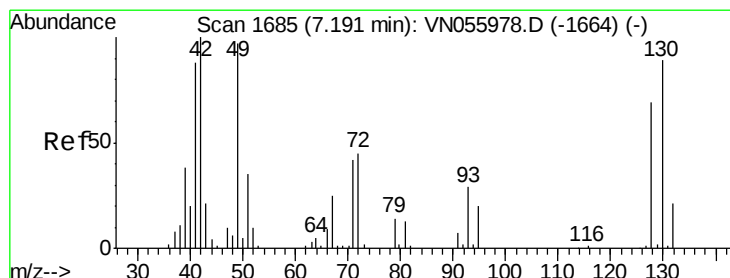
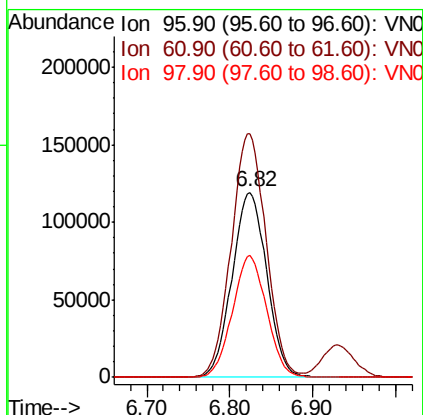
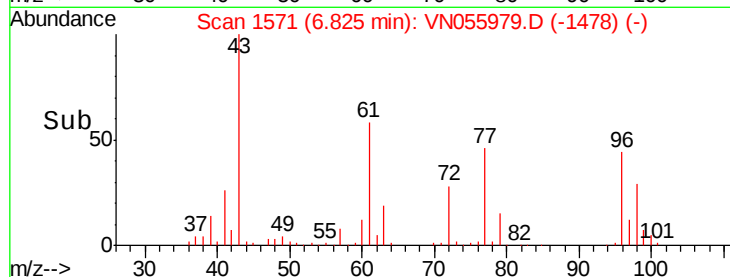
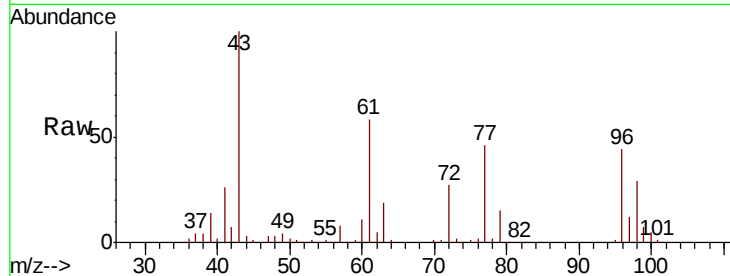




#27
 cis-1,2-Dichloroethene
 Concen: 100.183 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

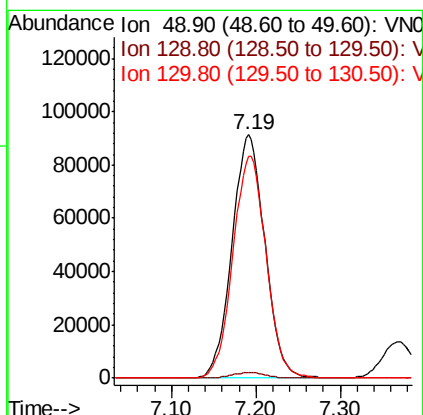
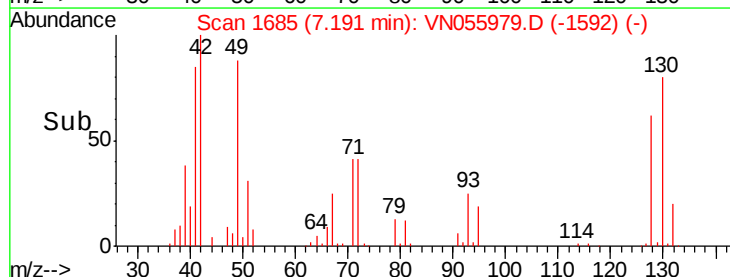
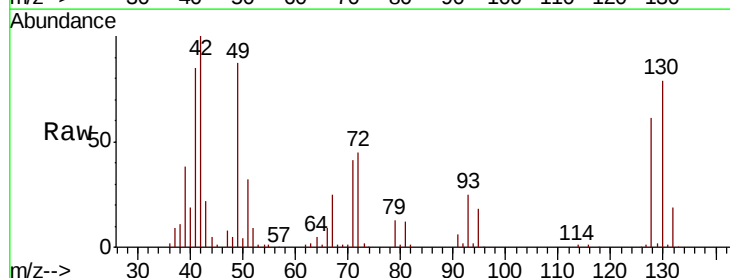
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

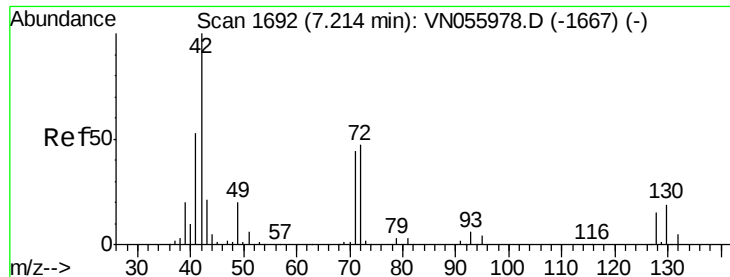
Tot Ion: 96 Resp: 346911
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 275.8
 98 64.9 0.0 128.4



#28
 Bromochloromethane
 Concen: 101.187 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion: 49 Resp: 247715
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 91.9 71.2 106.8

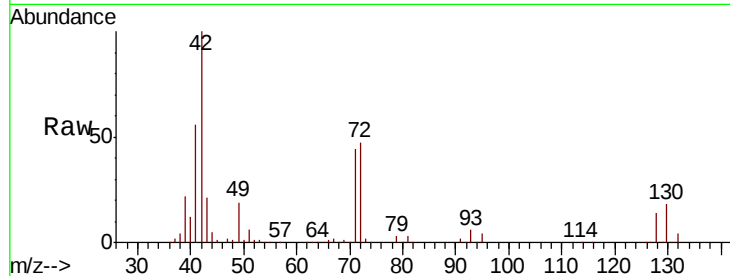




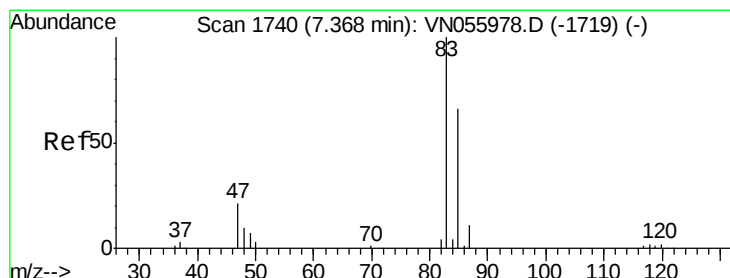
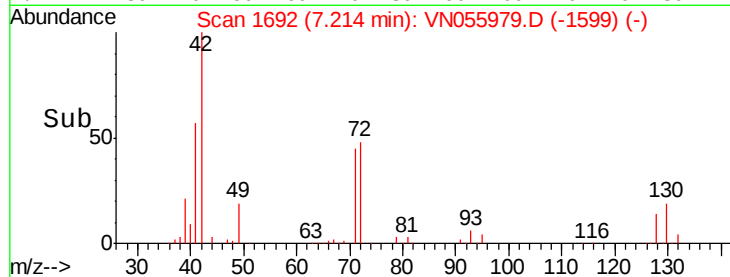
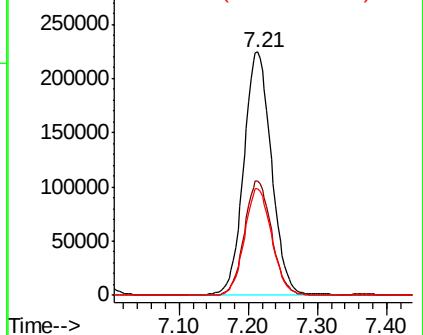
#29
Tetrahydrofuran
Concen: 515.296 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 625913
Ion Ratio Lower Upper
42 100
72 46.3 35.9 53.9
71 42.9 34.0 51.0

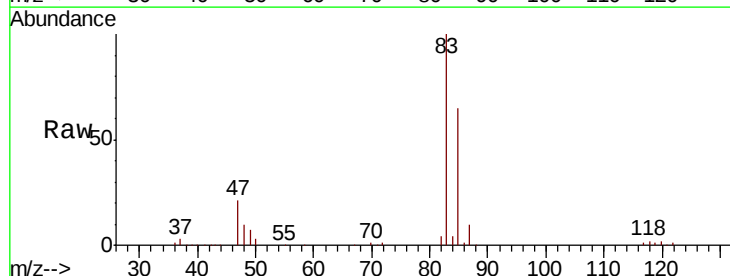


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

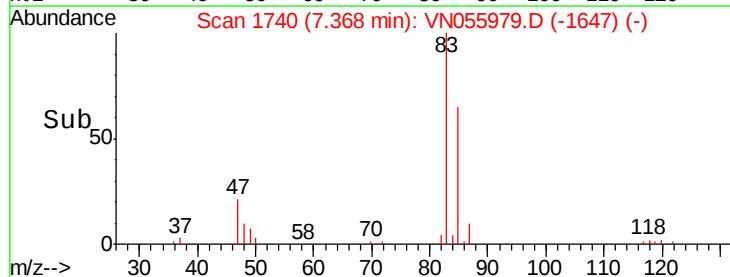
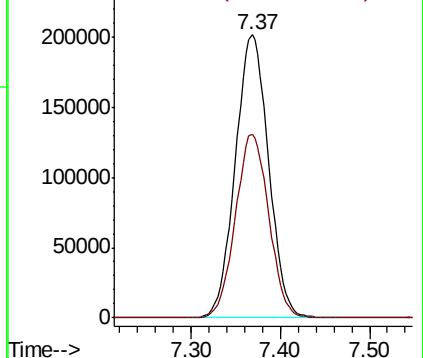


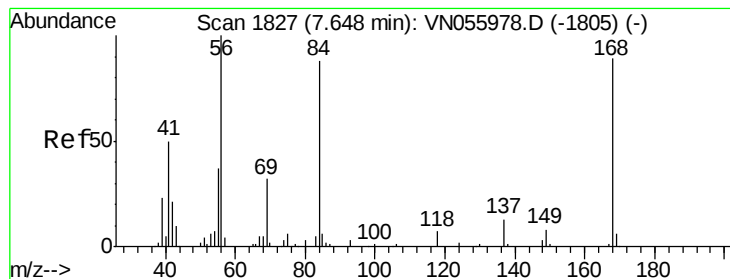
#30
Chloroform
Concen: 99.960 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion: 83 Resp: 520553
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.8



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





#31

Cyclohexane

Concen: 95.463 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

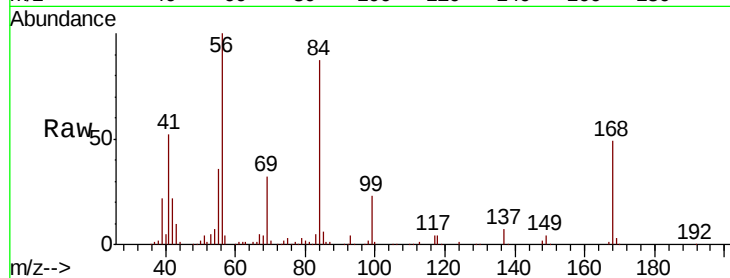
Tot Ion: 56 Resp: 492596

Ion Ratio Lower Upper

56 100

69 32.2 25.6 38.4

84 86.2 67.4 101.0

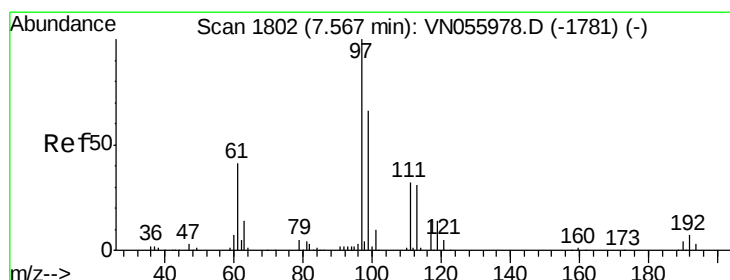
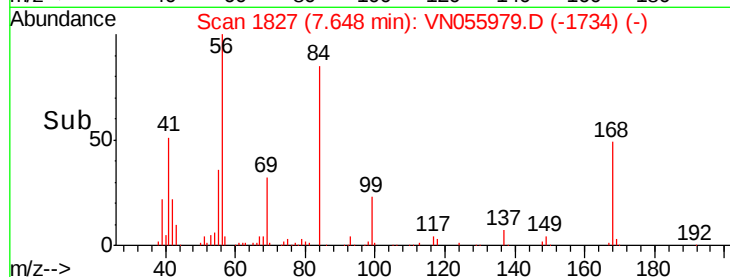
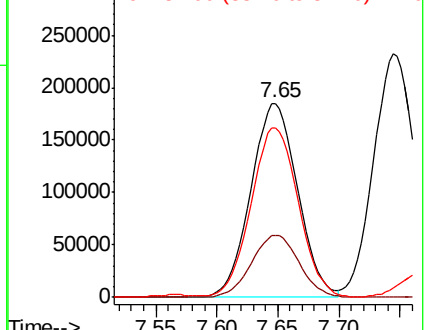


Abundance

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: 103.222 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

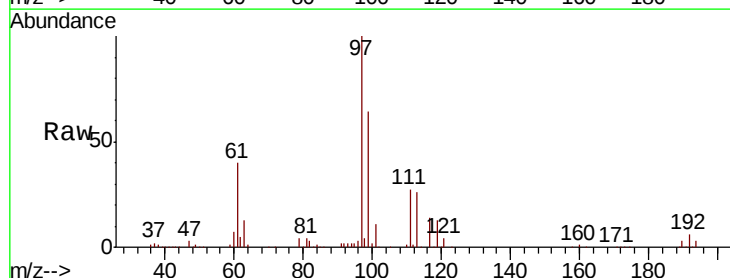
Tgt Ion: 97 Resp: 448881

Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

61 40.6 32.9 49.3

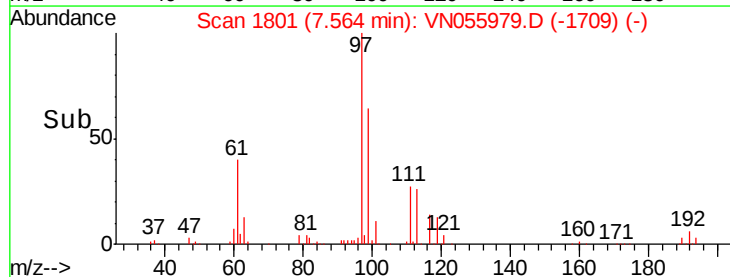
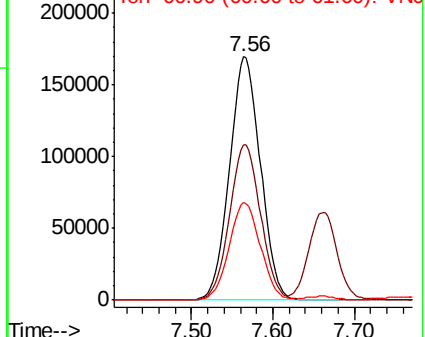


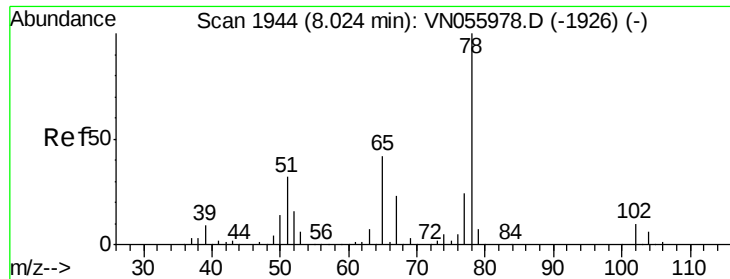
Abundance

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

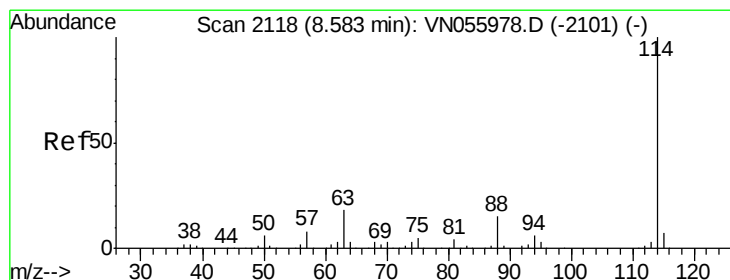
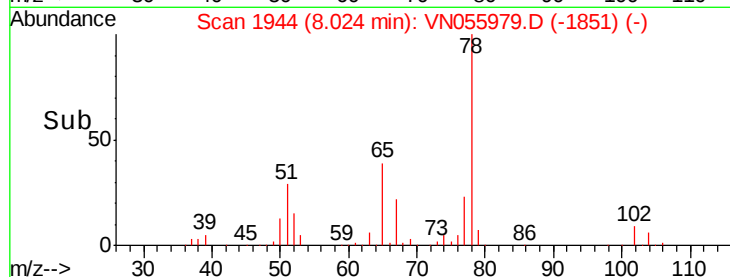
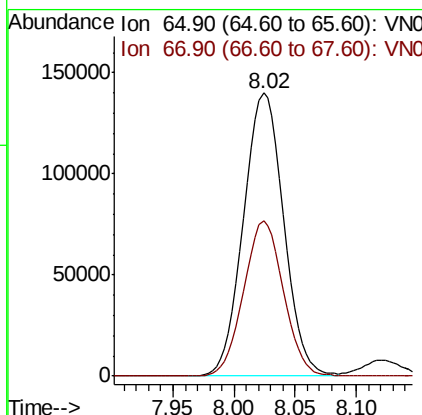
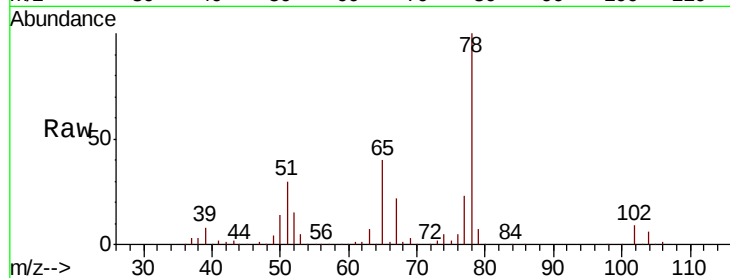




#33
 1,2-Dichloroethane-d4
 Concen: 98.395 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

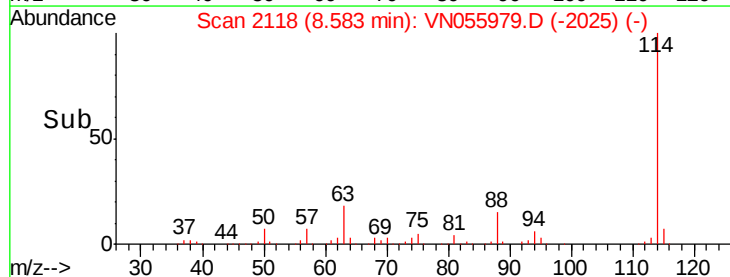
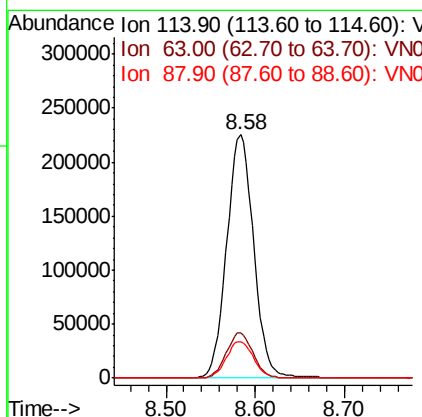
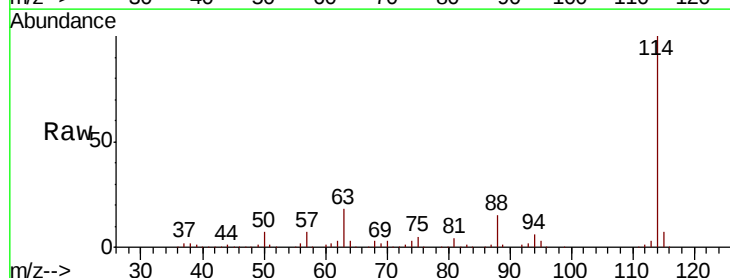
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

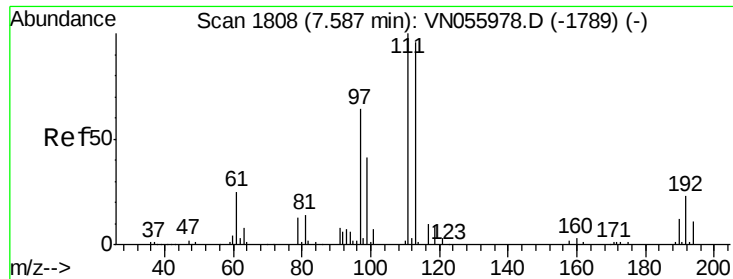
Tot Ion: 65 Resp: 319967
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion: 114 Resp: 473334
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 39.2
 88 15.0 0.0 31.0

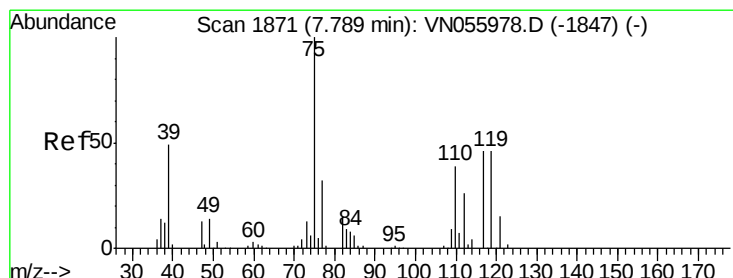
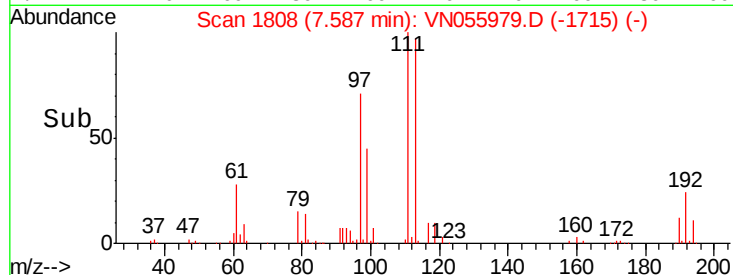
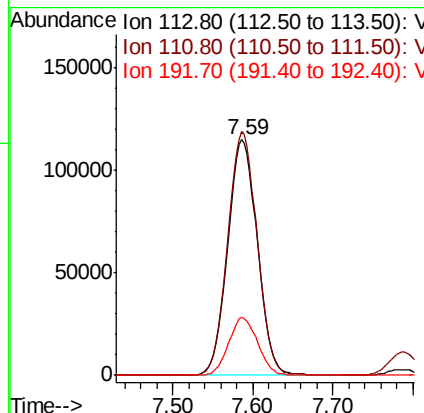
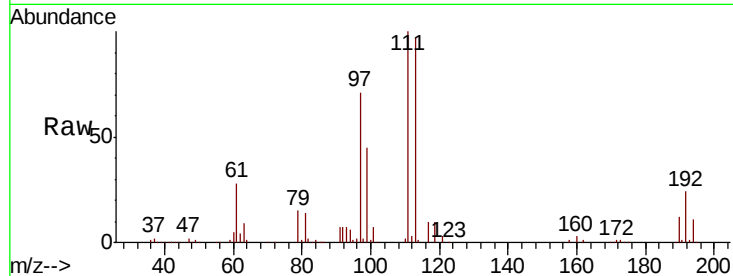




#35
 Dibromofluoromethane
 Concen: 99.691 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

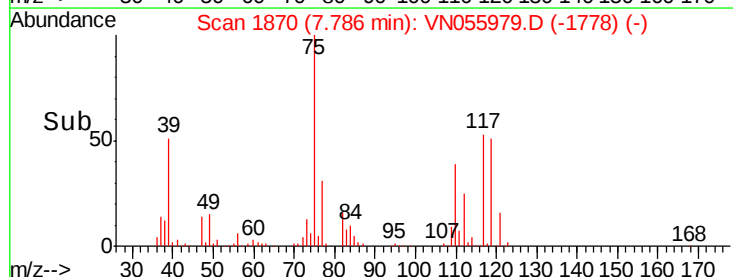
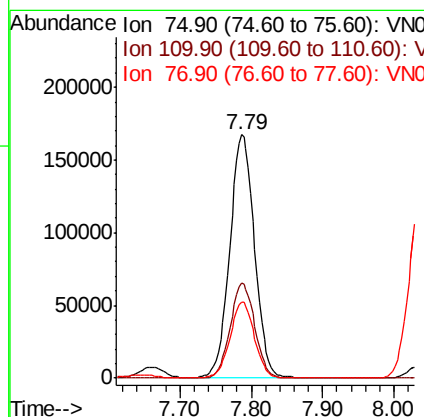
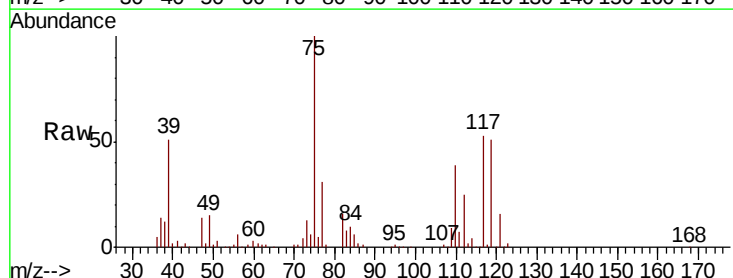
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

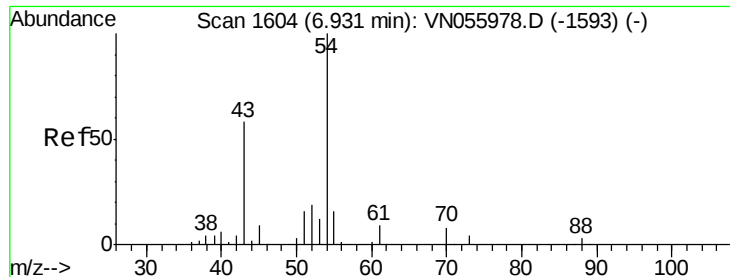
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	24.0	19.5	29.3



#36
 1,1-Dichloropropene
 Concen: 99.535 ug/l
 RT: 7.79 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.0	57.0
77	31.0	25.1	37.7

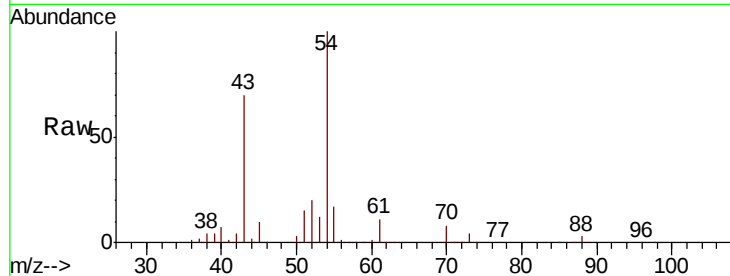




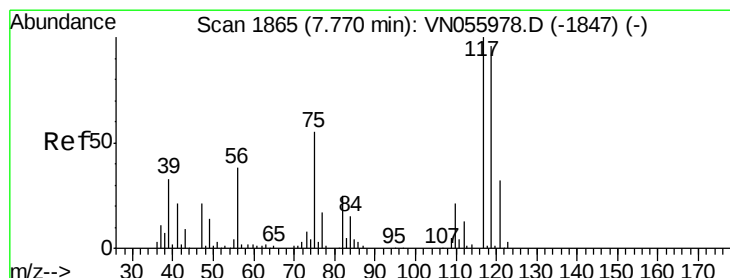
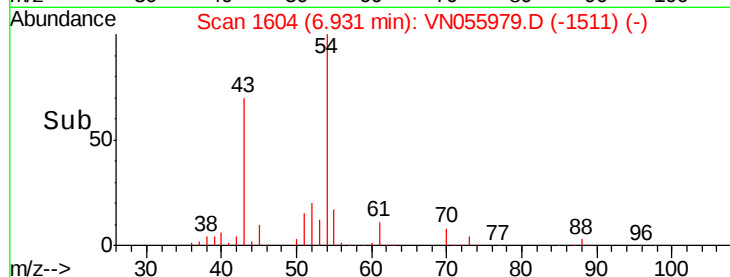
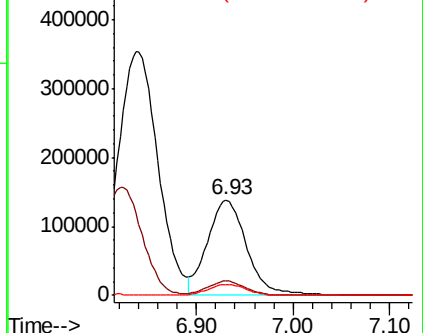
#37
Ethyl Acetate
Concen: 105.862 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 383360
Ion Ratio Lower Upper
43 100
61 14.8 12.2 18.2
70 11.3 8.9 13.3

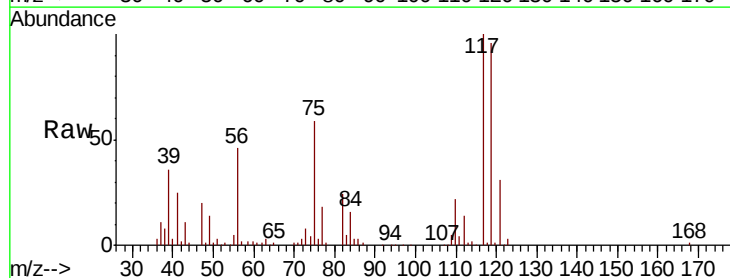


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

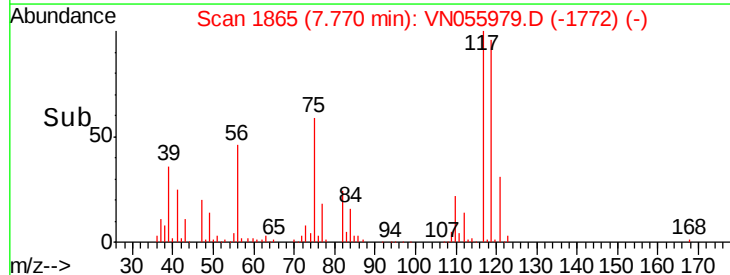
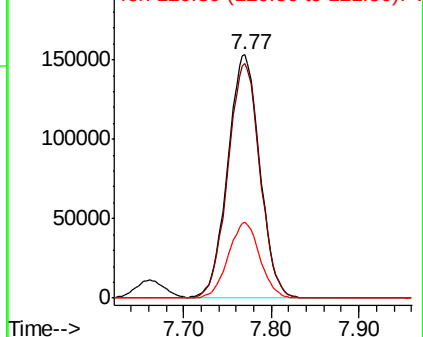


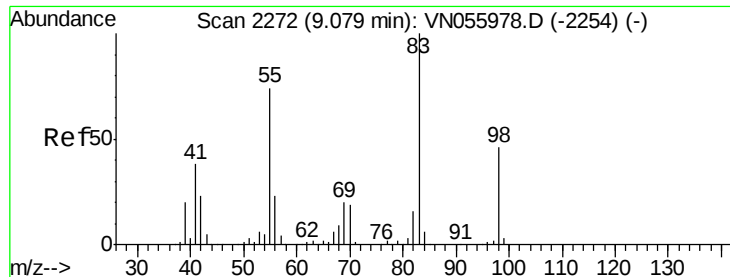
#38
Carbon Tetrachloride
Concen: 103.728 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion: 117 Resp: 389224
Ion Ratio Lower Upper
117 100
119 96.2 79.0 118.6
121 31.2 24.7 37.1



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

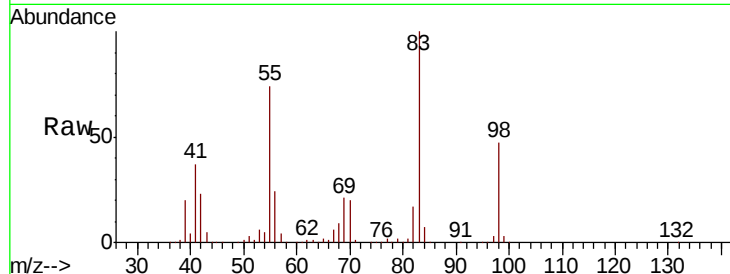




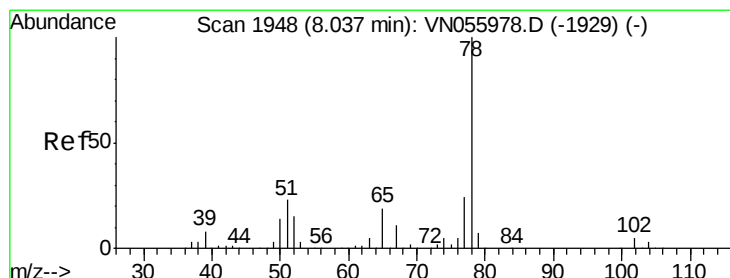
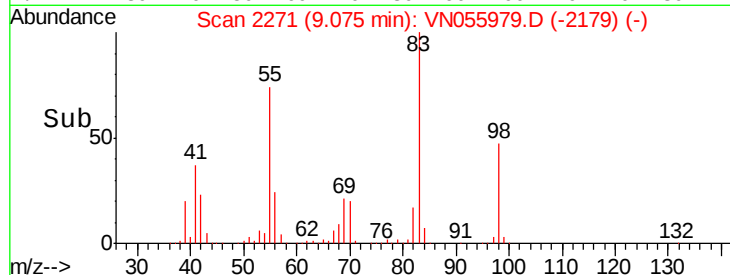
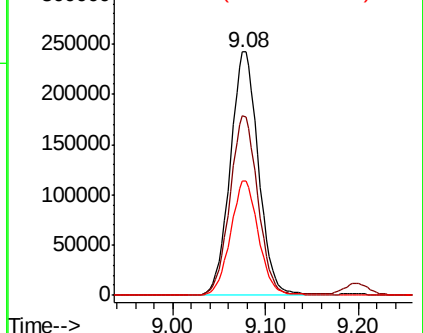
#39
Methvlcvclohexane
Concen: 100.987 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tot Ion: 83 Resp: 512012
Ion Ratio Lower Upper
83 100
55 73.6 59.3 88.9
98 47.0 36.6 54.8

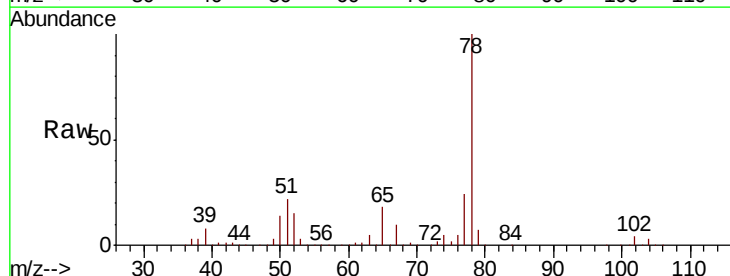


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

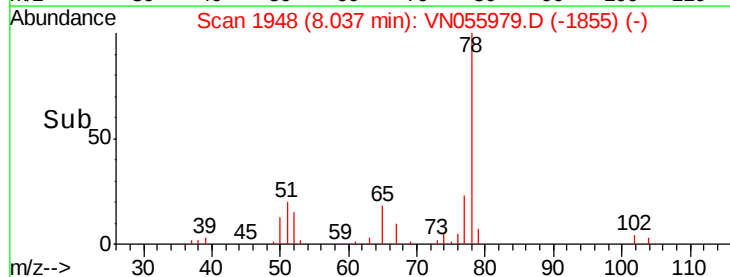
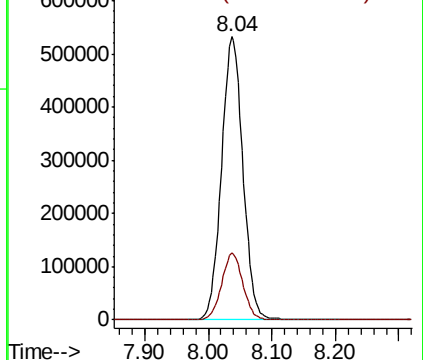


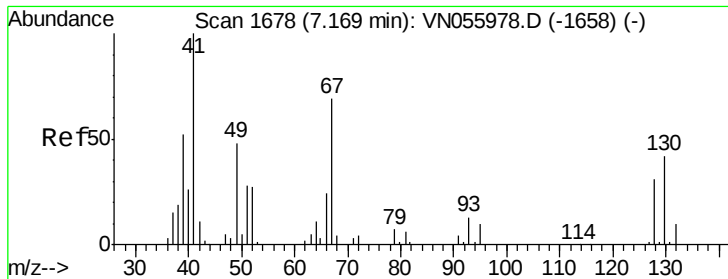
#40
Benzene
Concen: 100.207 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion: 78 Resp: 1238711
Ion Ratio Lower Upper
78 100
77 23.6 18.8 28.2



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

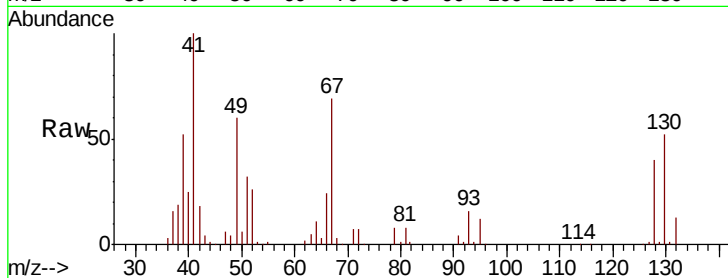




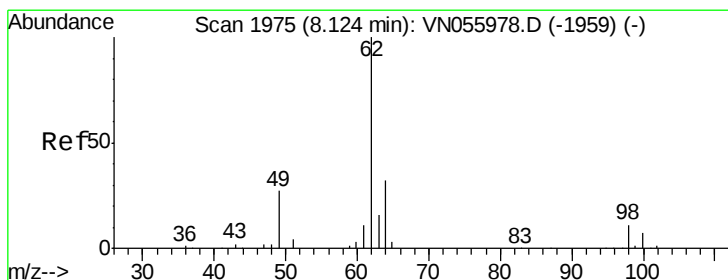
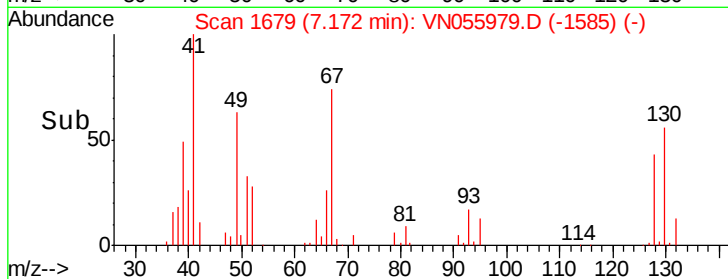
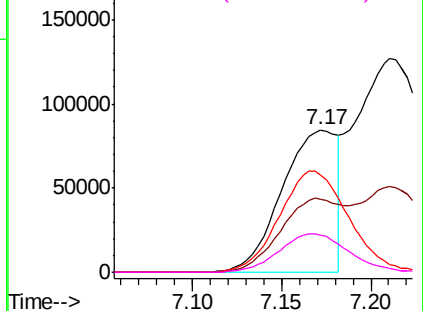
#41
Methacrylonitrile
Concen: 109.094 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 41 Resp: 181767
Ion Ratio Lower Upper
41 100
39 56.5 45.6 68.4
67 89.3 67.7 101.5
52 33.3 26.6 40.0

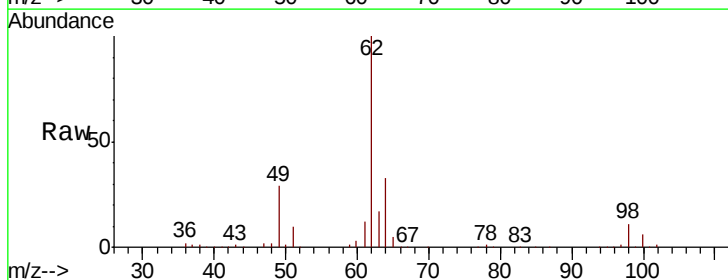


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

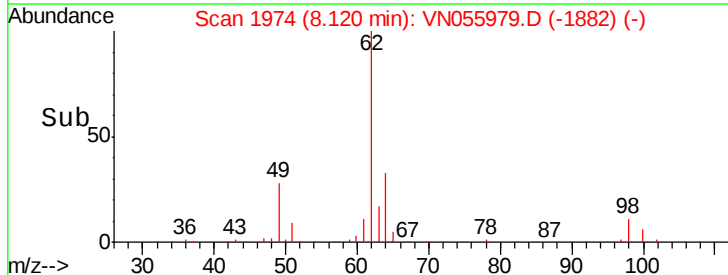
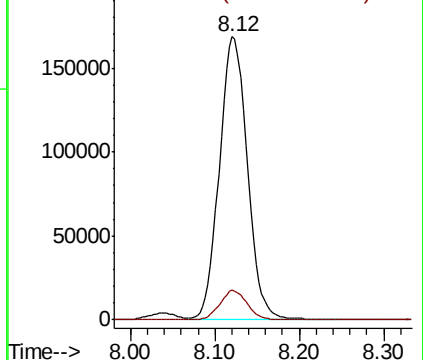


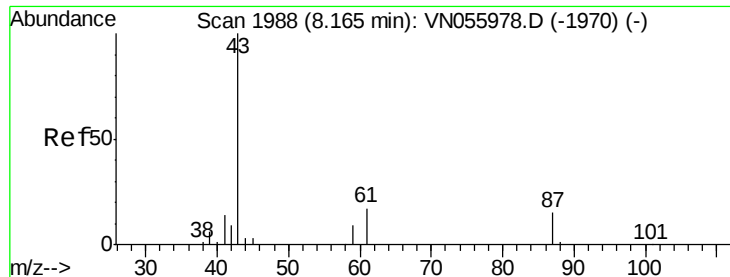
#42
1,2-Dichloroethane
Concen: 97.792 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion: 62 Resp: 388849
Ion Ratio Lower Upper
62 100
98 10.1 0.0 20.2



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





#43

Isopropyl Acetate

Concen: 105.702 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

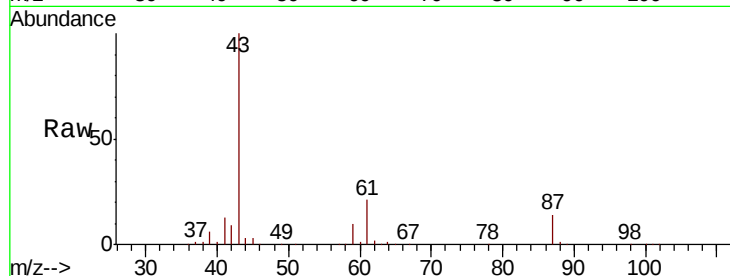
Tot Ion: 43 Resp: 620282

Ion Ratio Lower Upper

43 100

61 21.4 22.2 33.4#

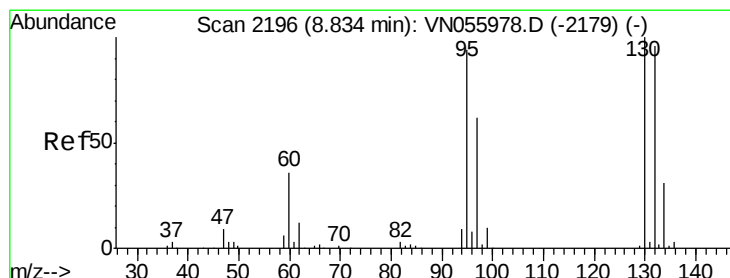
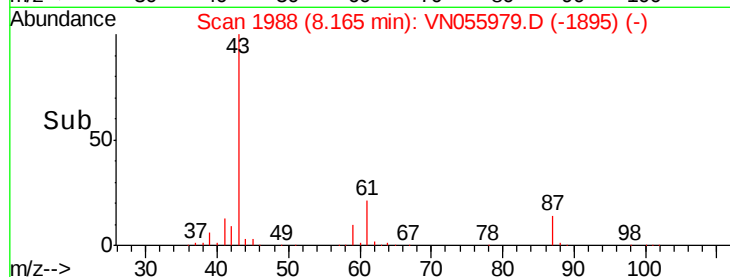
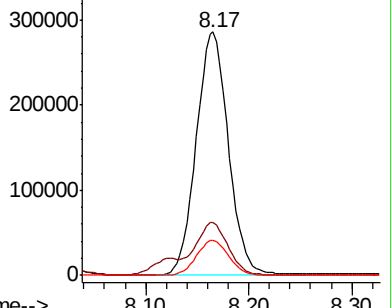
87 14.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 98.909 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN055979.D

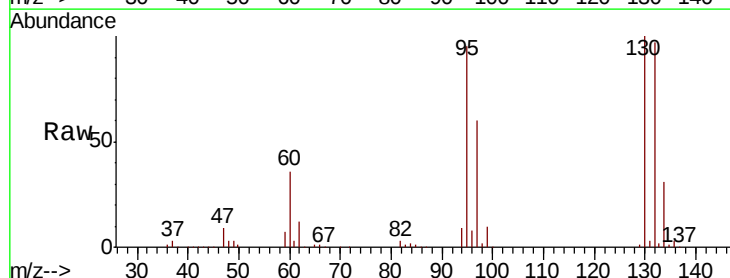
Acq: 4 Jun 2019 10:02

Tgt Ion:130 Resp: 351331

Ion Ratio Lower Upper

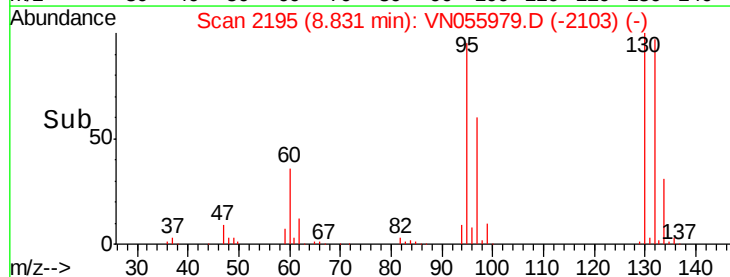
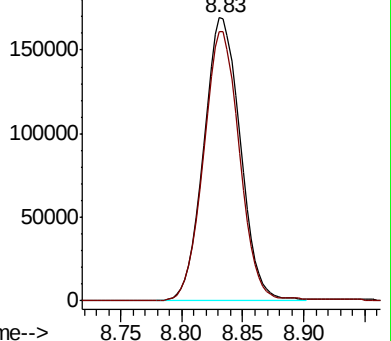
130 100

95 95.3 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

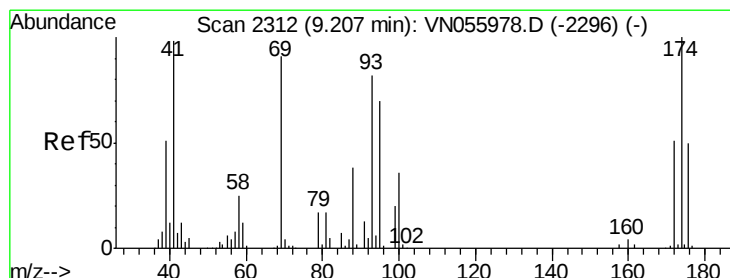
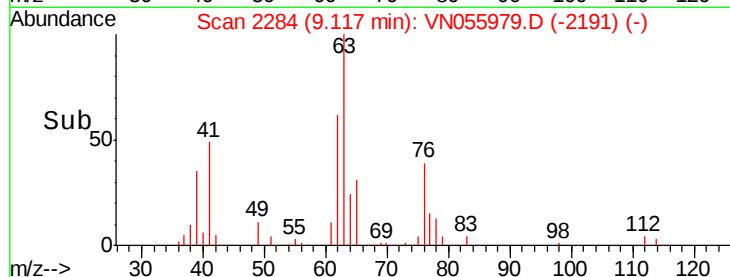
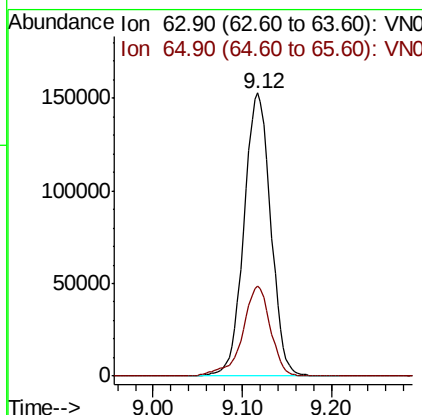
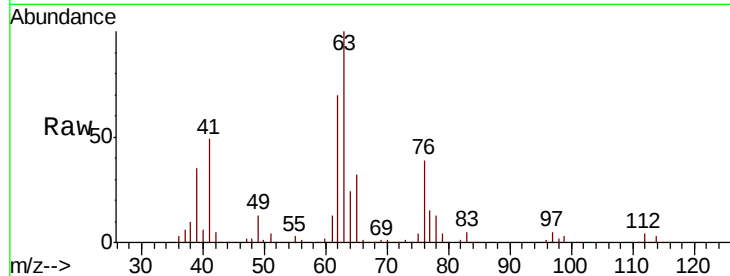




#45
 1,2-Dichloropropane
 Concen: 100.413 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

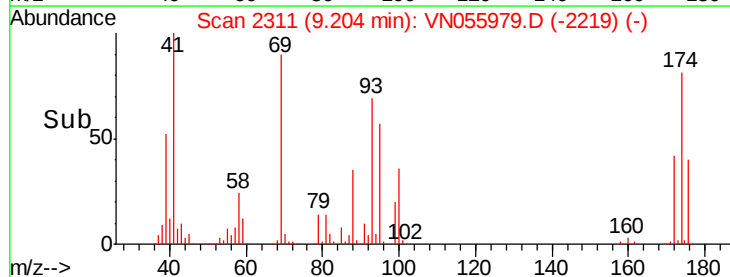
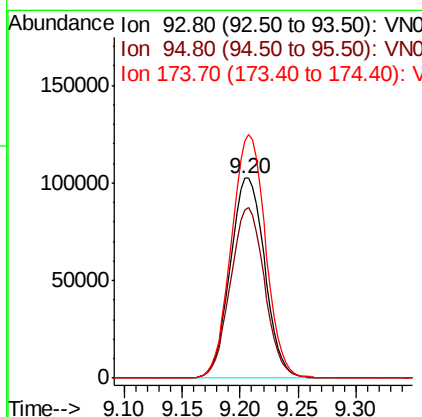
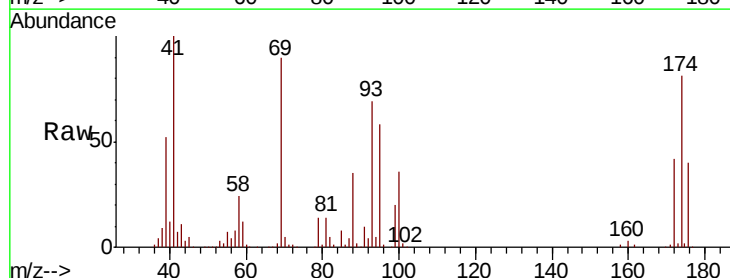
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

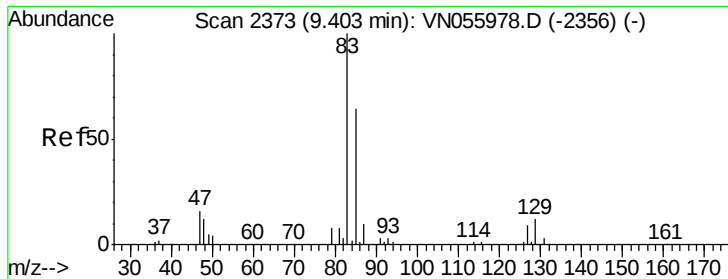
Tot Ion: 63 Resp: 317941
 Ion Ratio Lower Upper
 63 100
 65 32.0 24.6 36.8



#46
 Dibromomethane
 Concen: 102.164 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion: 93 Resp: 211535
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.7 100.1
 174 120.5 96.4 144.6





#47

Bromodichloromethane

Concen: 106.731 ug/l

RT: 9.40 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

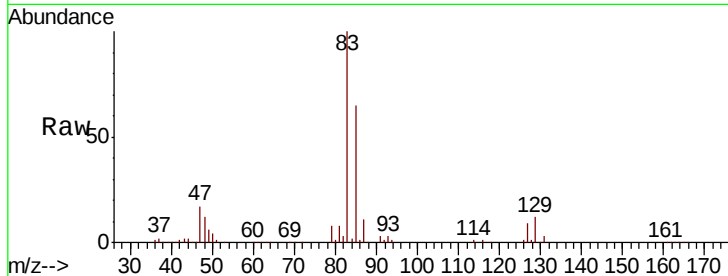
Tot Ion: 83 Resp: 400526

Ion Ratio Lower Upper

83 100

85 64.7 52.2 78.2

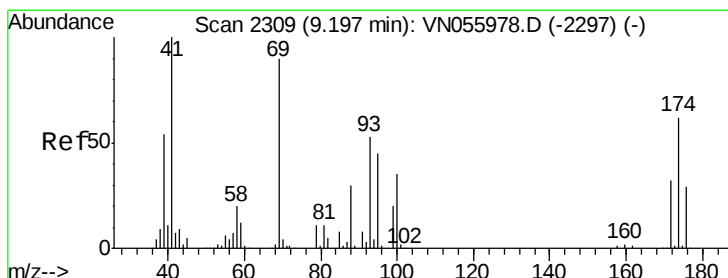
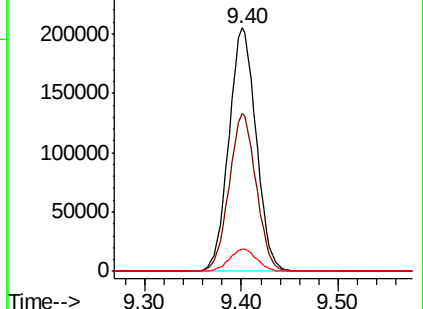
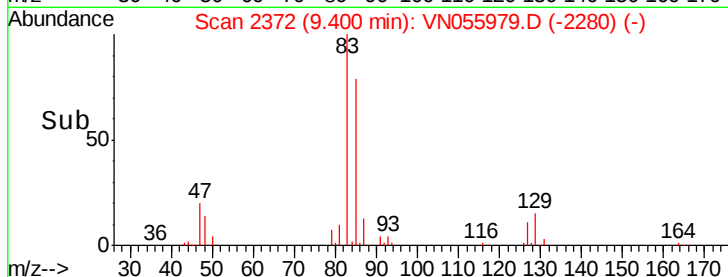
127 9.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN055978.D (-2356) (-)



#48

Methyl methacrylate

Concen: 105.223 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

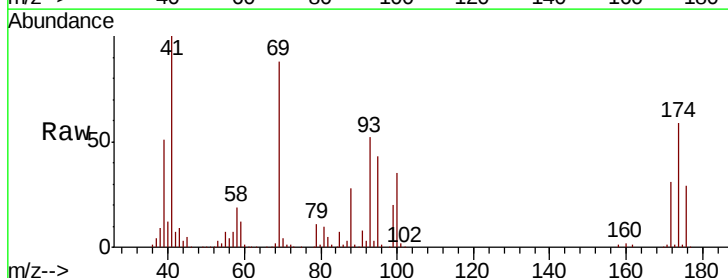
Tgt Ion: 41 Resp: 302086

Ion Ratio Lower Upper

41 100

69 92.0 71.0 106.6

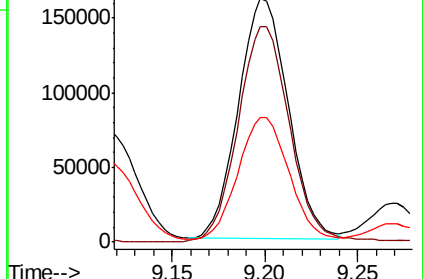
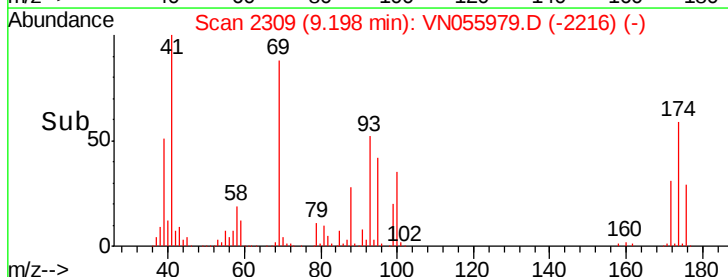
39 53.7 44.2 66.2

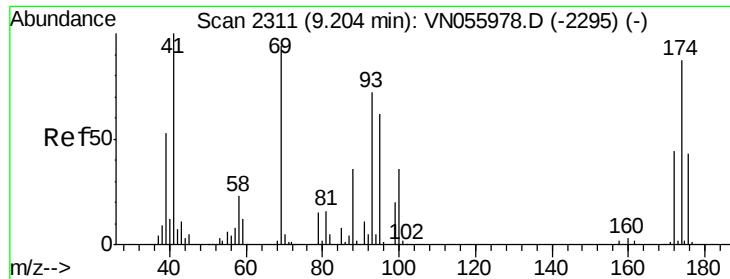


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-2297) (-)

Ion 69.00 (68.70 to 69.70): VN055978.D (-2297) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-2297) (-)





#49

1,4-Dioxane

Concen: 2122.506 ug/l

RT: 9.20 min Scan# 2311

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

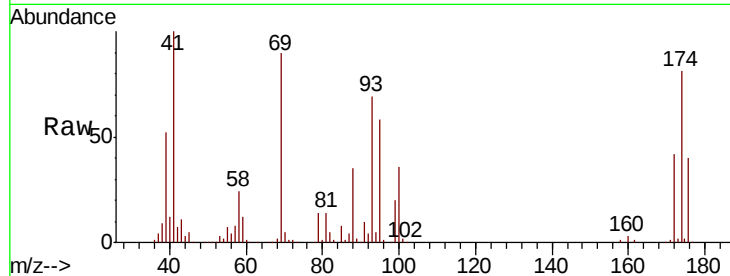
Tot Ion: 88 Resp: 131552

Ion Ratio Lower Upper

88 100

43 25.1 20.5 30.7

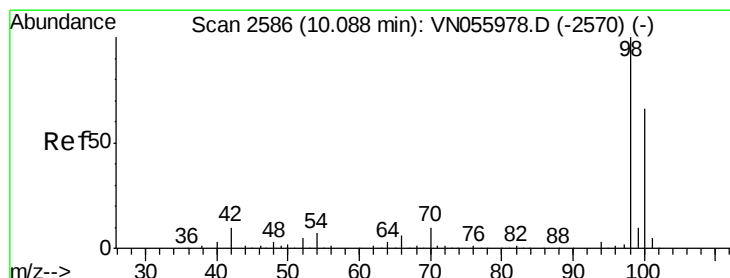
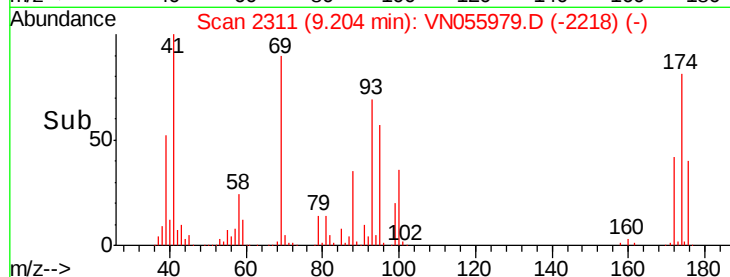
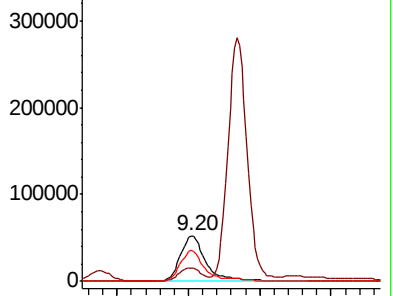
58 67.2 55.8 83.6



Abundance Ion 88.00 (87.70 to 88.70): VN055979.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN055979.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN055979.D (-2295) (-)



#50

Toluene-d8

Concen: 100.560 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055979.D

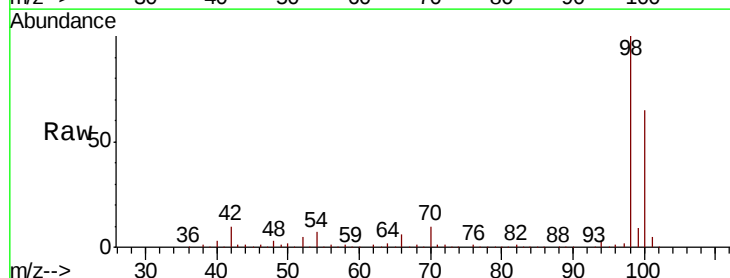
Acq: 4 Jun 2019 10:02

Tgt Ion: 98 Resp: 1123744

Ion Ratio Lower Upper

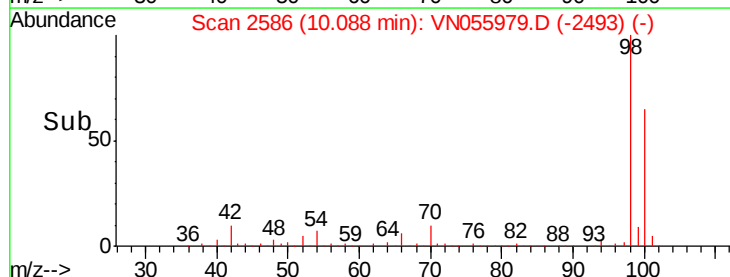
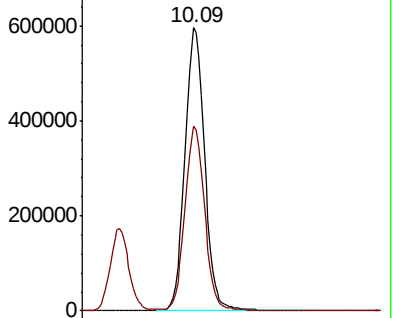
98 100

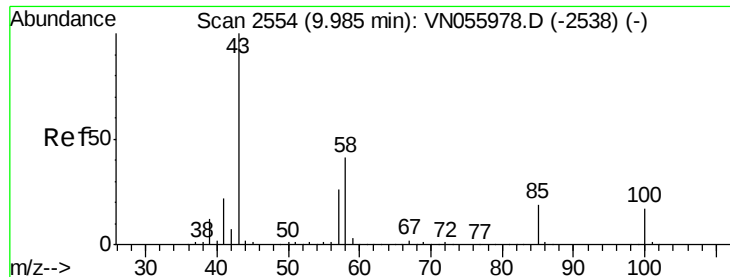
100 65.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055979.D (-2493) (-)

Ion 100.00 (99.70 to 100.70): VN055979.D (-2493) (-)





#51

4-Methyl-2-Pentanone

Concen: 527.335 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

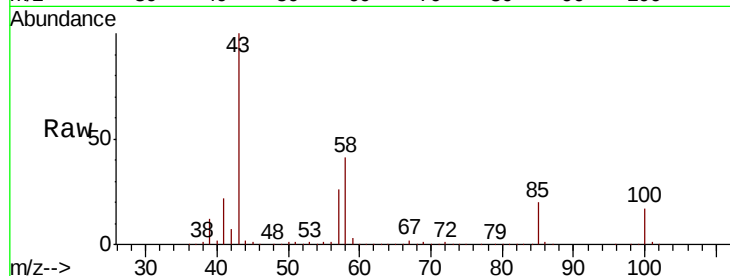
VSTDIC100

Tot Ion: 43 Resp: 1935165

Ion Ratio Lower Upper

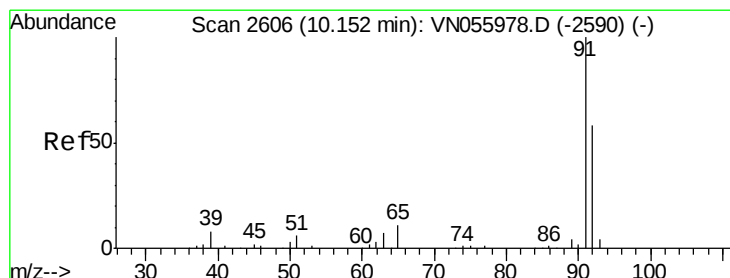
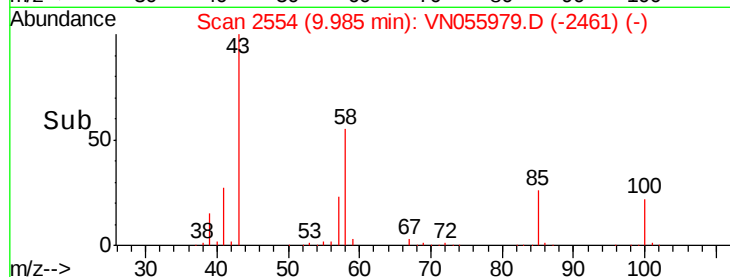
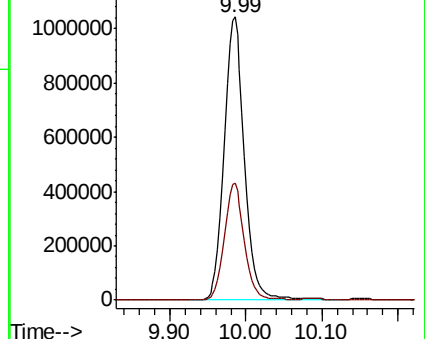
43 100

58 40.6 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 102.275 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN055979.D

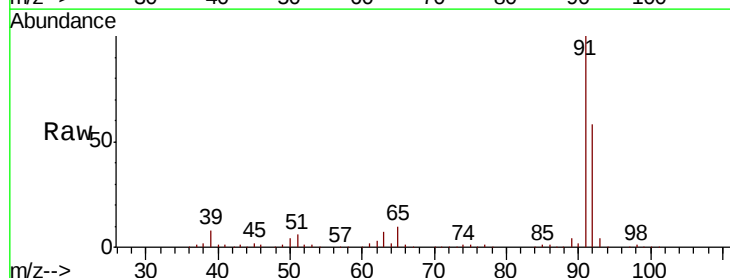
Acq: 4 Jun 2019 10:02

Tgt Ion: 92 Resp: 786714

Ion Ratio Lower Upper

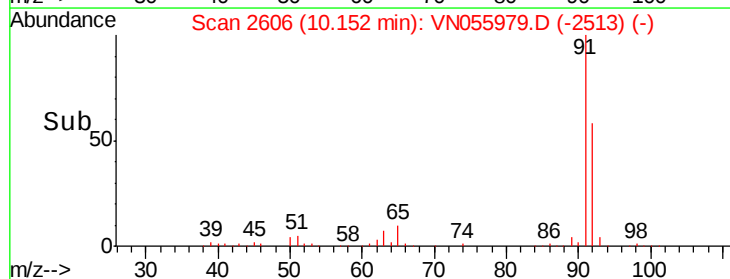
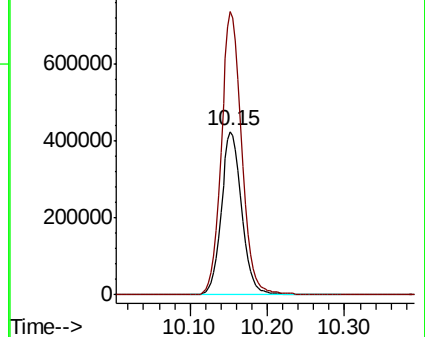
92 100

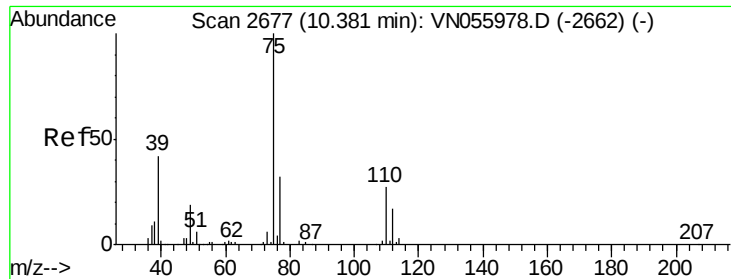
91 173.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 98.553 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

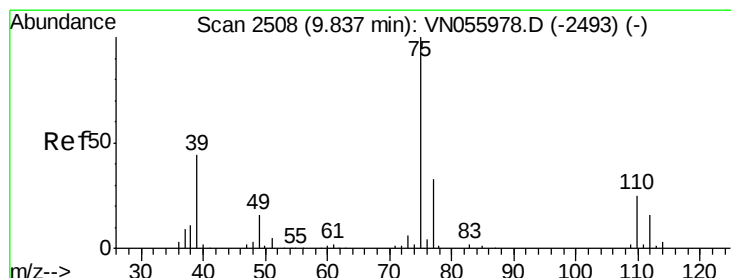
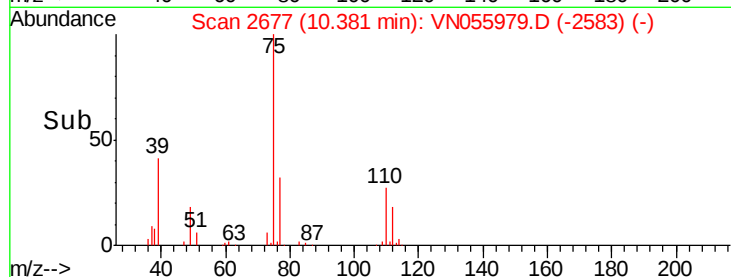
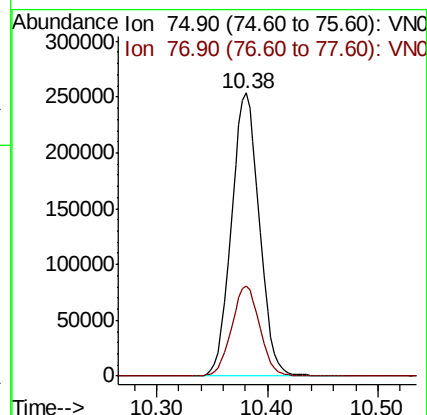
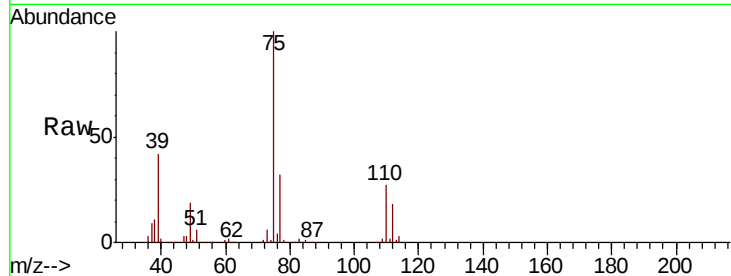
VSTDIC100

Tot Ion: 75 Resp: 444367

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 110.760 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

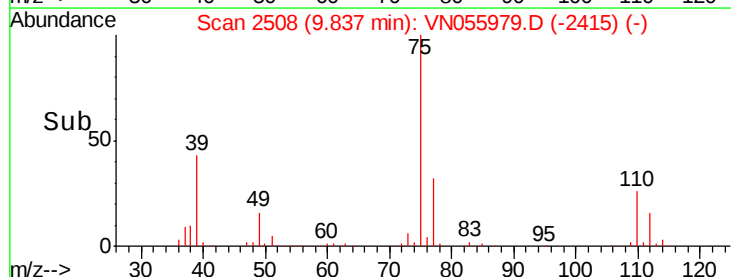
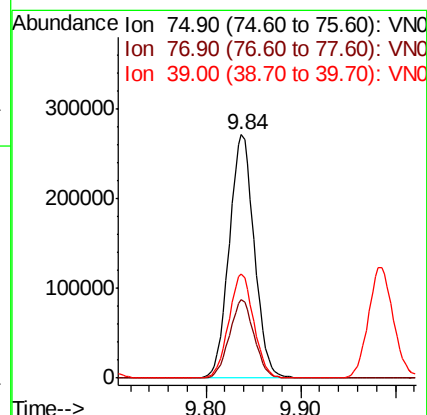
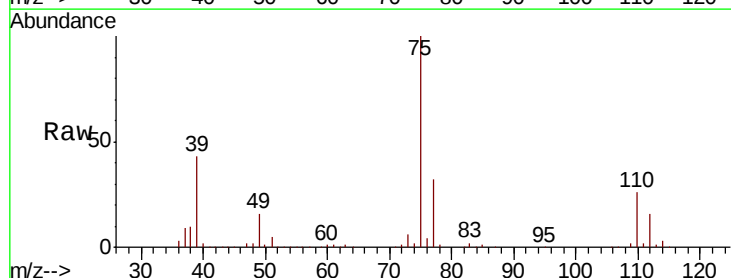
Tgt Ion: 75 Resp: 499610

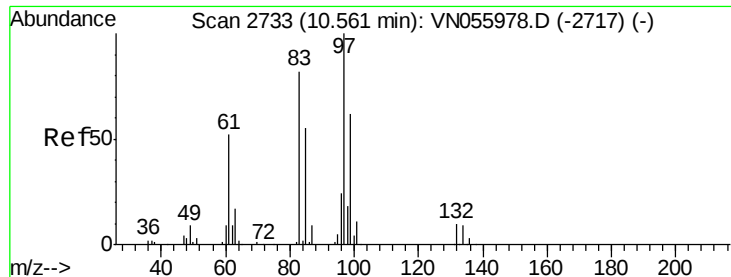
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 42.9 36.3 54.5

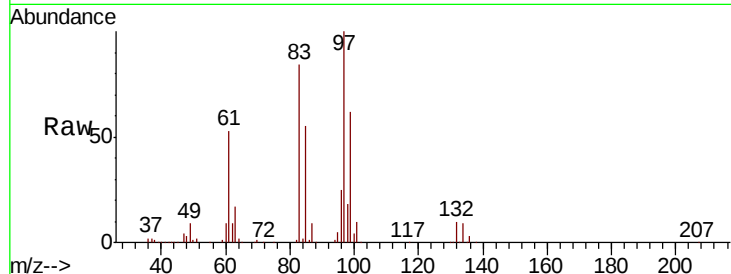




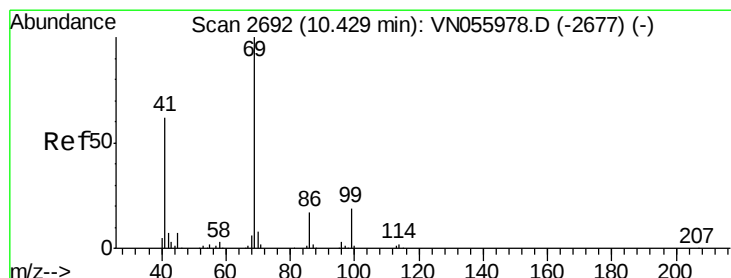
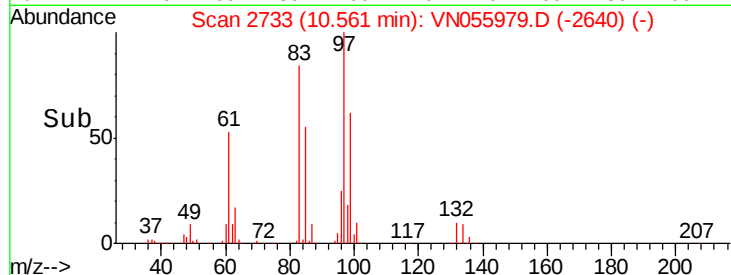
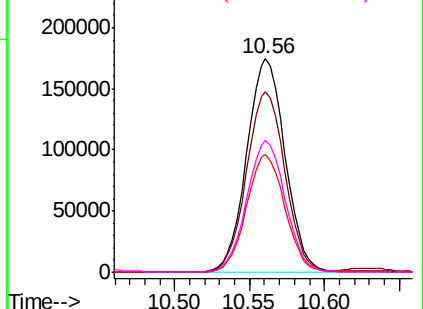
#55
 1,1,2-Trichloroethane
 Concen: 102.052 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

Tot Ion: 97 Resp: 310951
 Ion Ratio Lower Upper
 97 100
 83 84.5 67.0 100.6
 85 55.1 44.0 66.0
 99 61.8 50.6 75.8

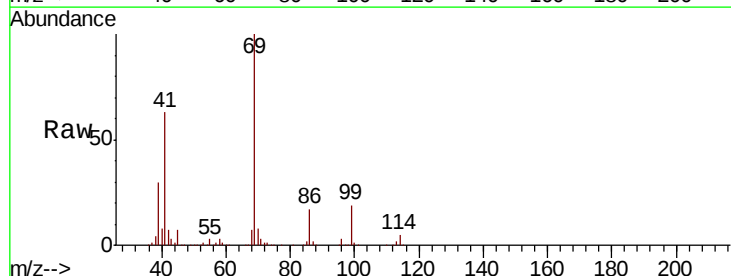


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

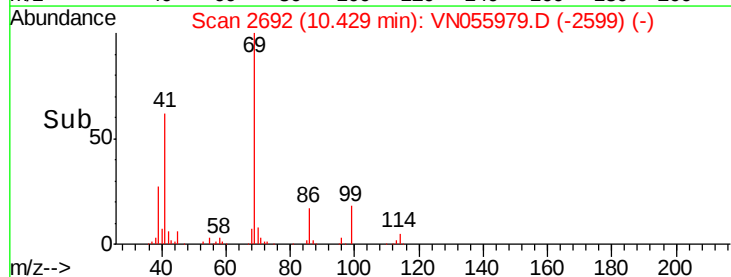
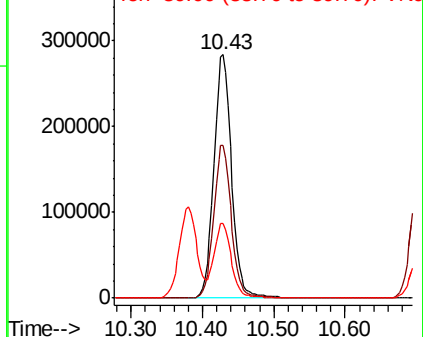


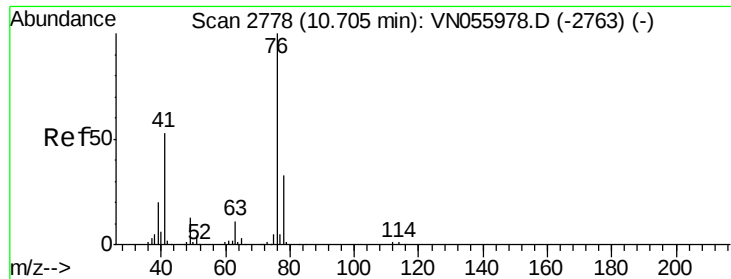
#56
 Ethyl methacrylate
 Concen: 109.886 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion: 69 Resp: 488462
 Ion Ratio Lower Upper
 69 100
 41 61.6 49.7 74.5
 39 30.3 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

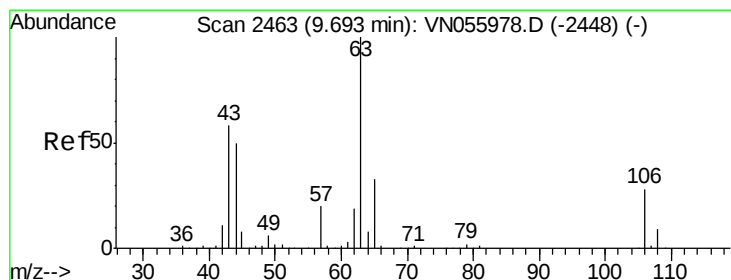
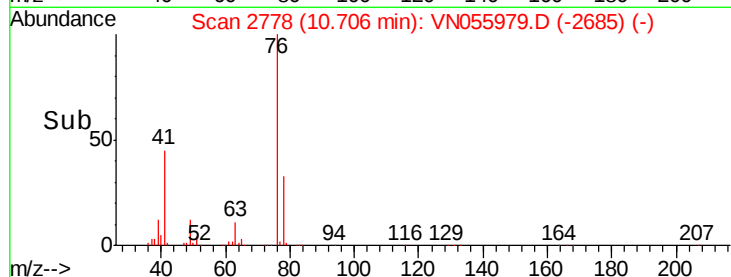
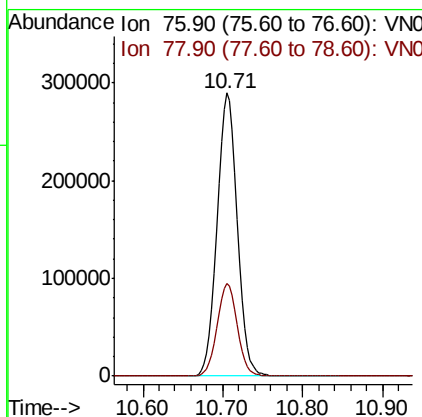
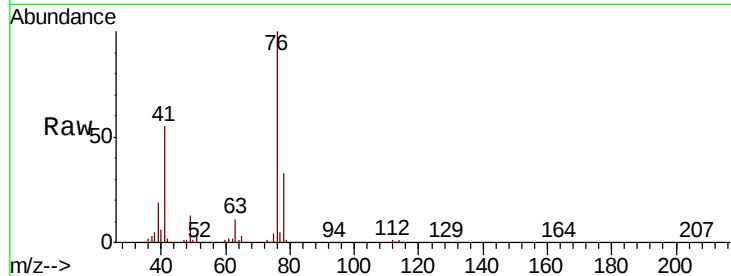




#57
 1,3-Dichloropropane
 Concen: 102.680 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

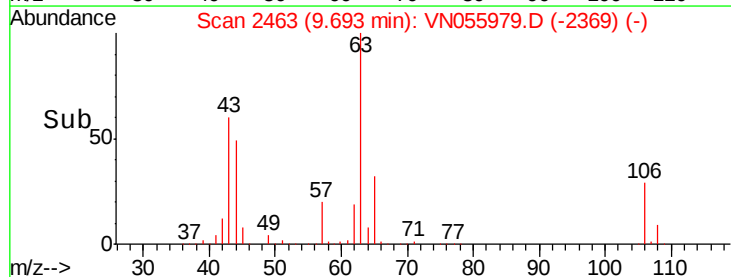
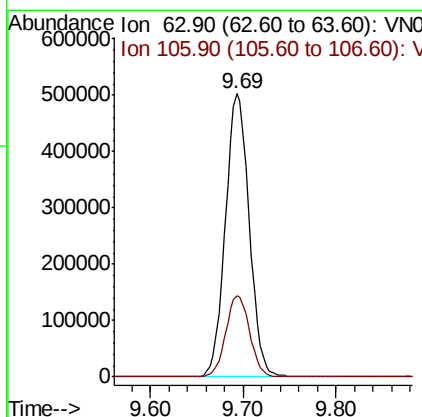
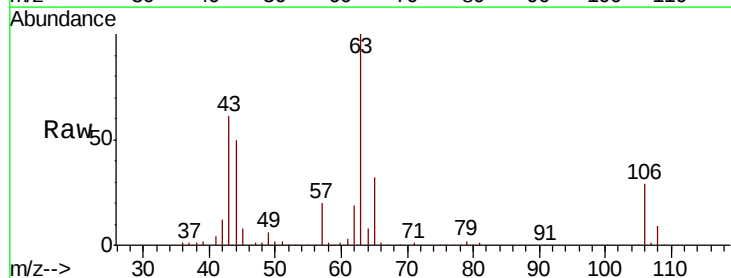
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

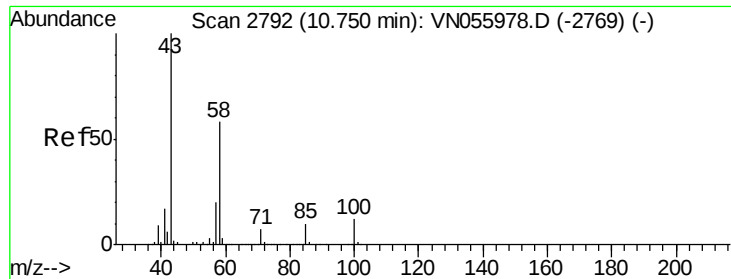
Tot Ion: 76 Resp: 508602
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 492.510 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion: 63 Resp: 895063
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.7 34.1

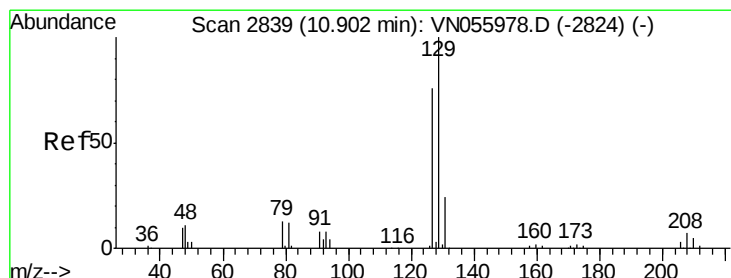
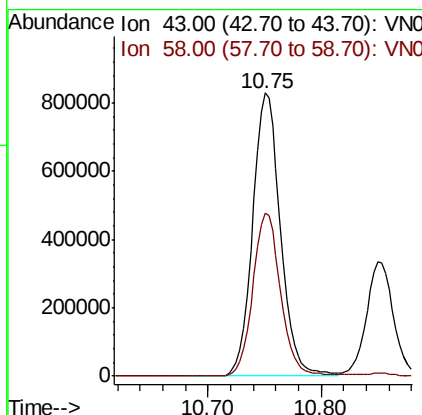
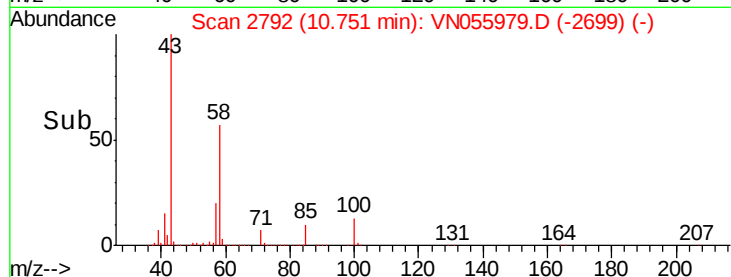
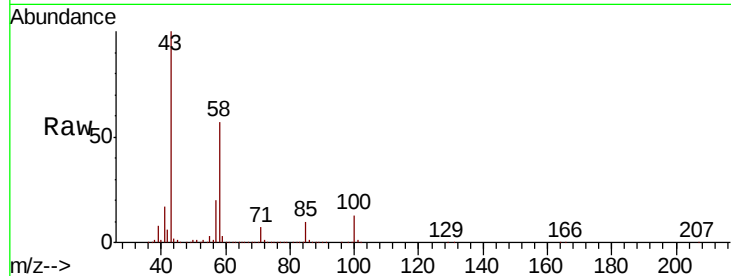




#59
2-Hexanone
Concen: 532.403 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

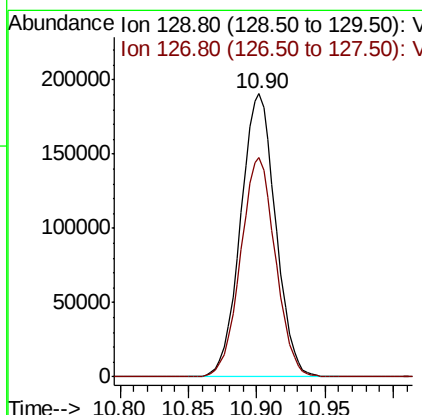
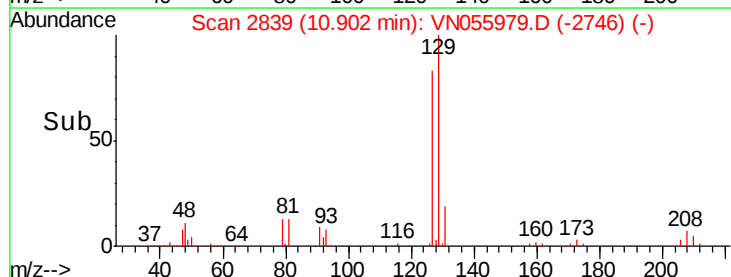
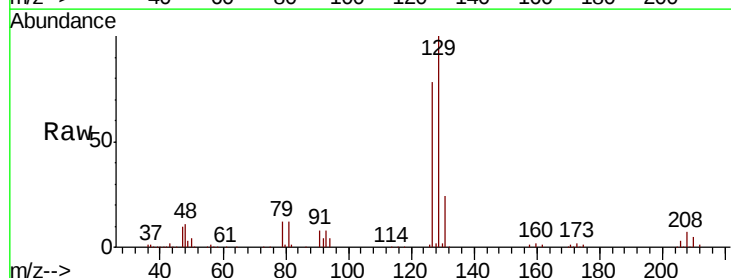
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 43 Resp: 1416042
Ion Ratio Lower Upper
43 100
58 57.7 28.2 84.7



#60
Dibromochloromethane
Concen: 98.626 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion: 129 Resp: 339860
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3

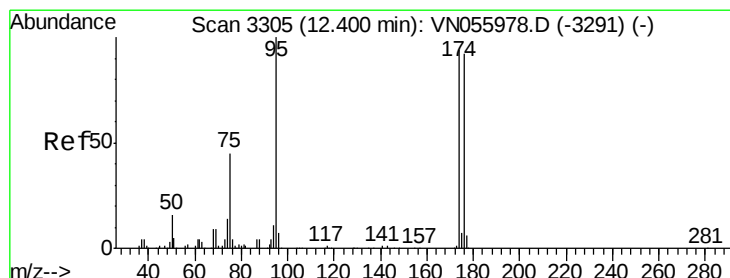
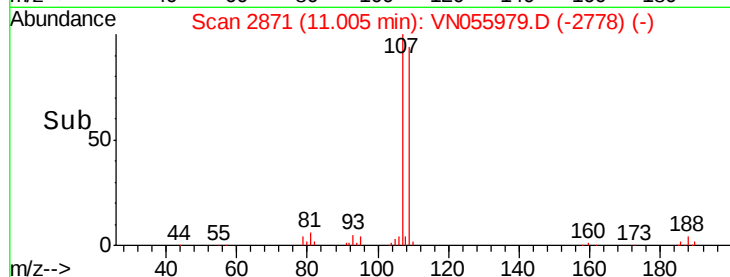
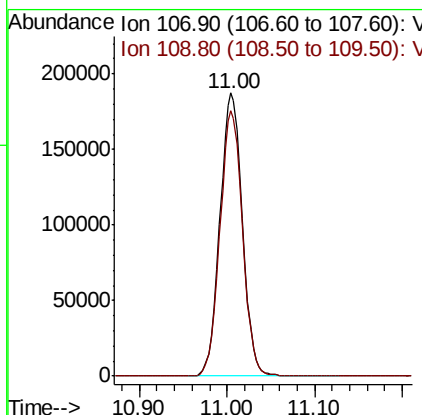
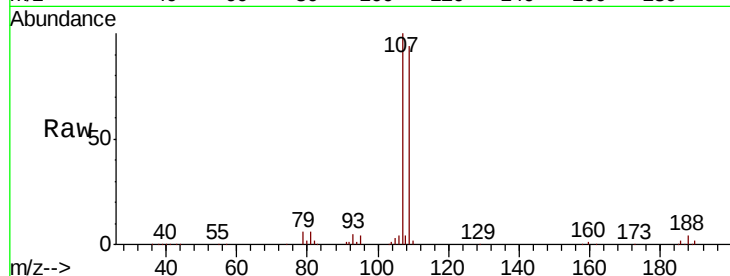




#61
 1,2-Dibromoethane
 Concen: 106.602 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

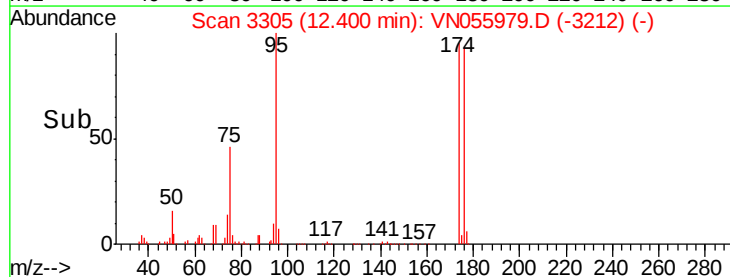
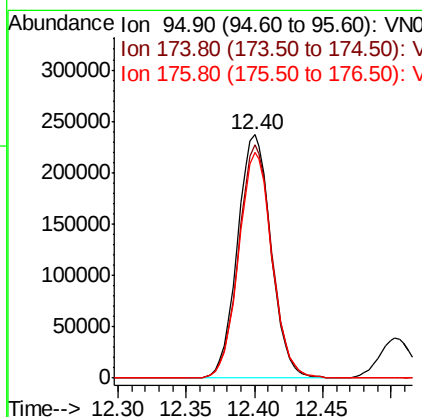
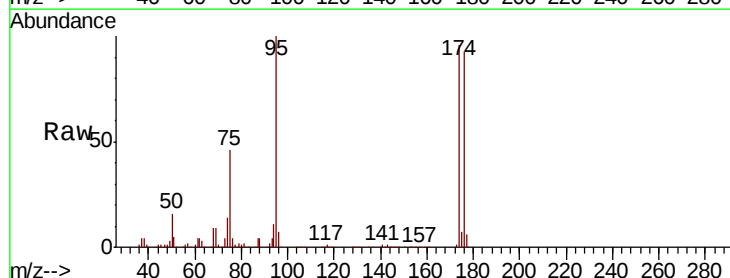
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

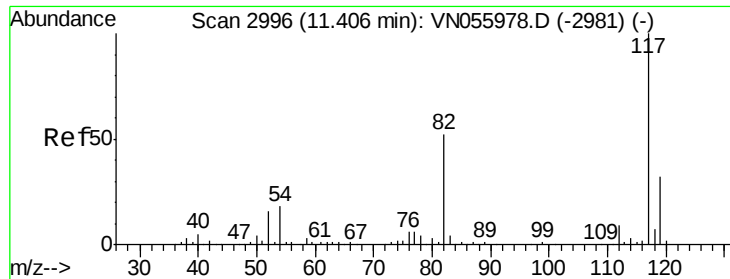
Tot Ion: 107 Resp: 332058
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 106.454 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion: 95 Resp: 404555
 Ion Ratio Lower Upper
 95 100
 174 95.0 0.0 191.0
 176 92.2 0.0 185.2

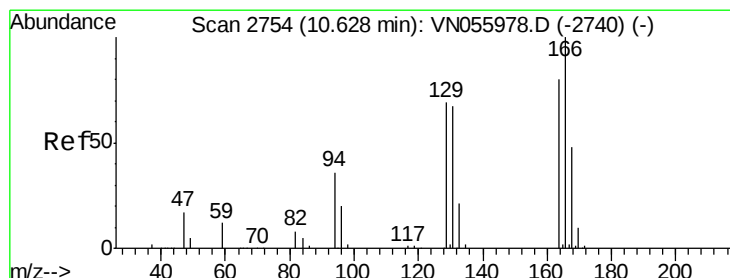
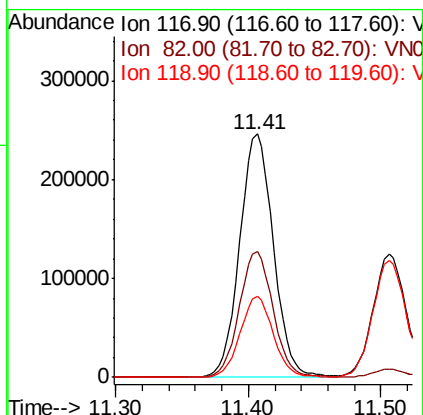
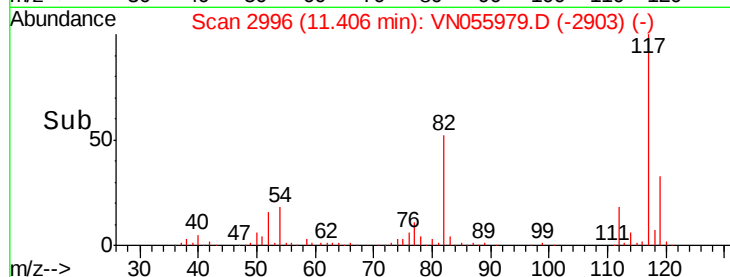
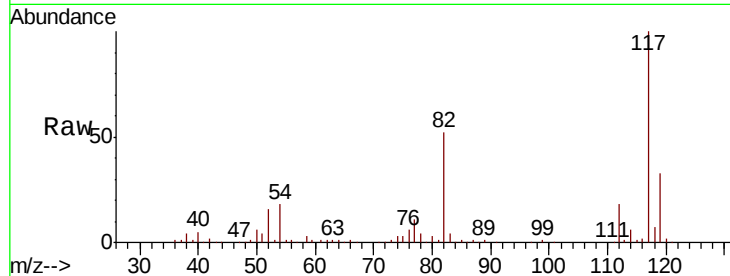




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

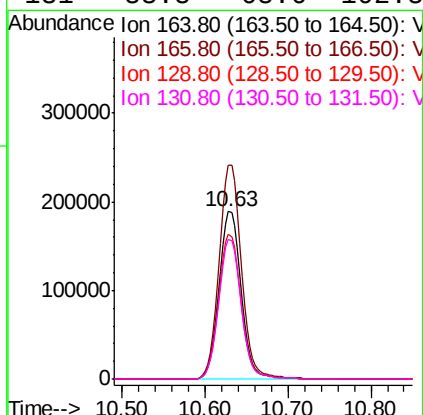
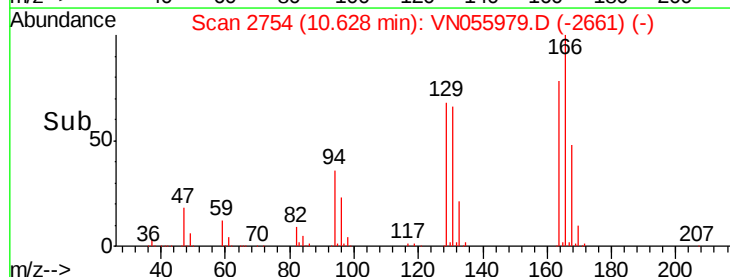
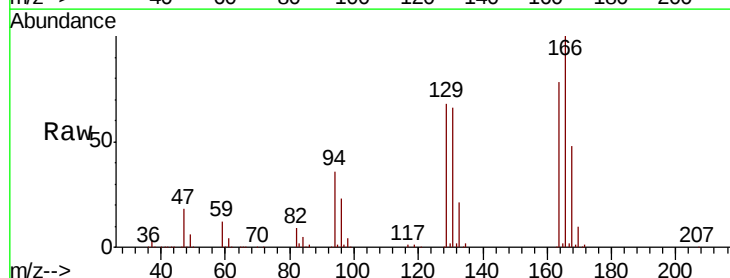
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:117 Resp: 435182
Ion Ratio Lower Upper
117 100
82 51.7 41.8 62.8
119 33.1 25.4 38.0



#64
Tetrachloroethene
Concen: 92.768 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion:164 Resp: 349454
Ion Ratio Lower Upper
164 100
166 127.5 103.0 154.6
129 86.6 70.6 105.8
131 83.8 68.6 102.8

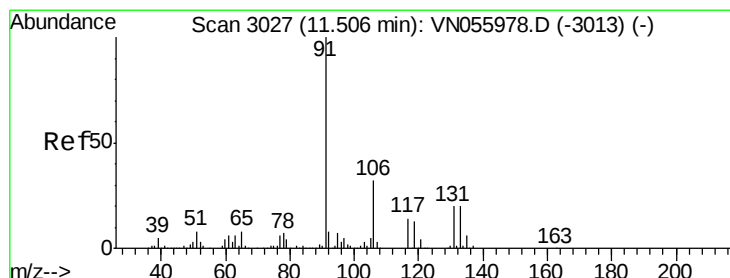
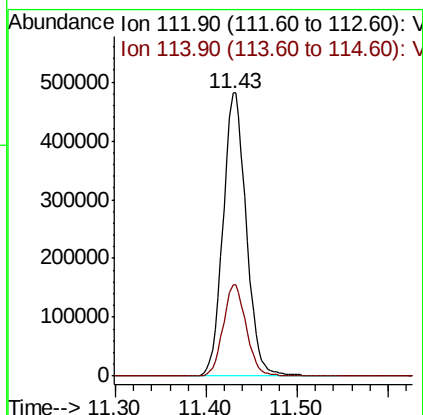
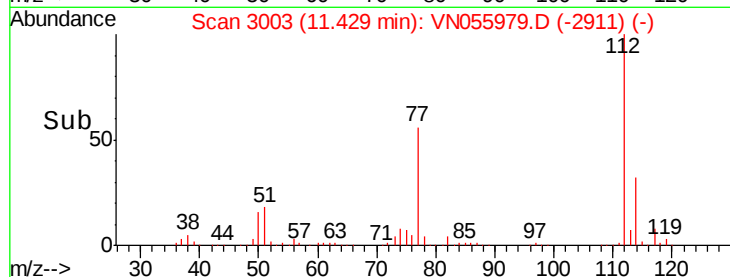
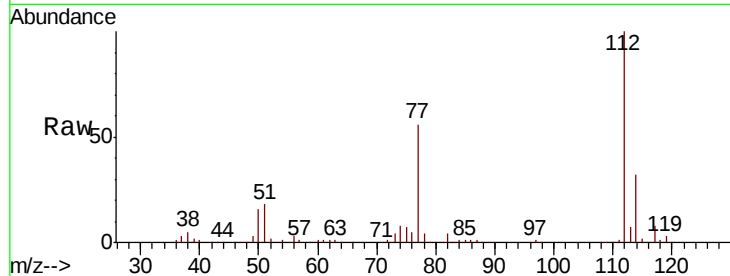




#65
Chlorobenzene
Concen: 98.485 ug/l
RT: 11.43 min Scan# 3003
Delta R.T. -0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

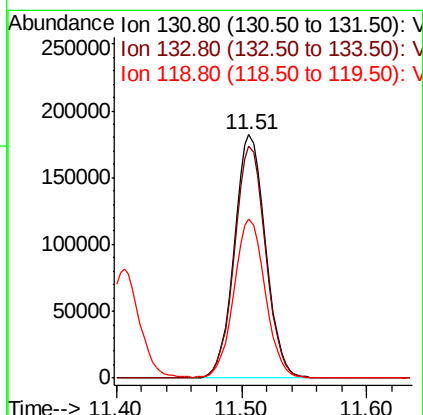
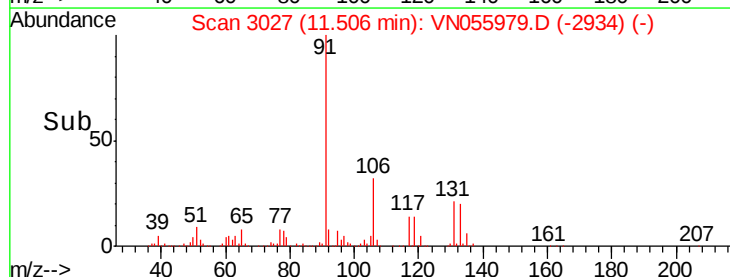
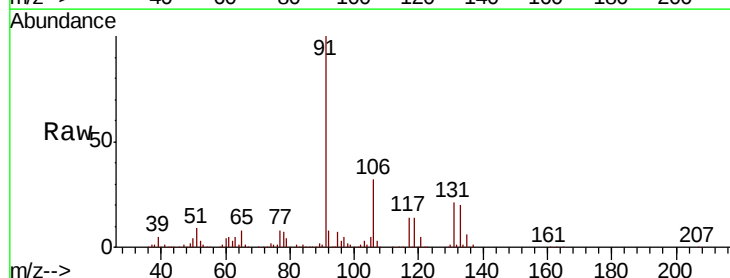
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

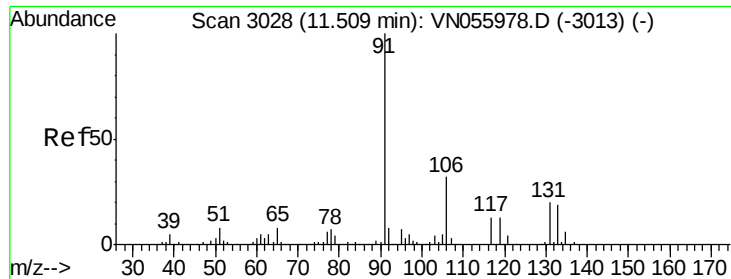
Tot Ion:112 Resp: 852980
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 105.211 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion:131 Resp: 314636
Ion Ratio Lower Upper
131 100
133 95.3 48.0 144.0
119 65.8 33.1 99.5

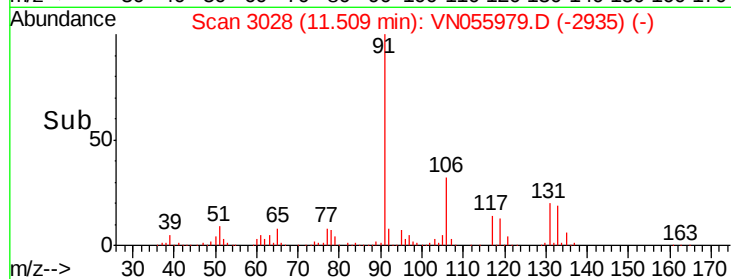
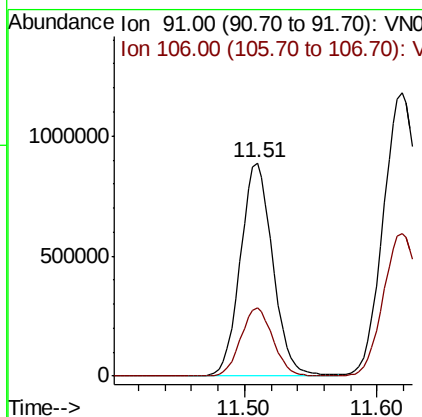
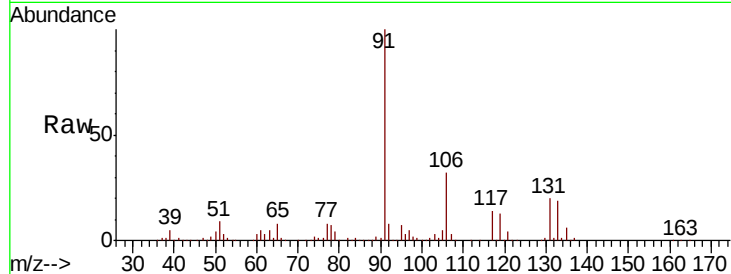




#67
Ethyl Benzene
Concen: 99.857 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

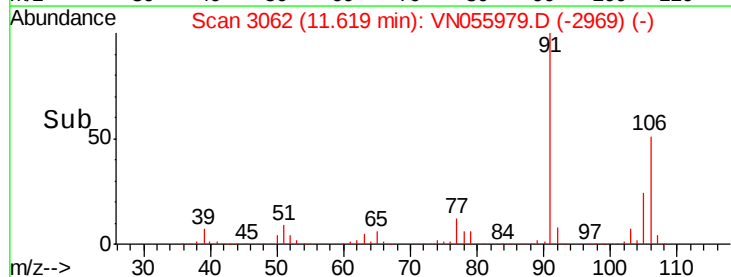
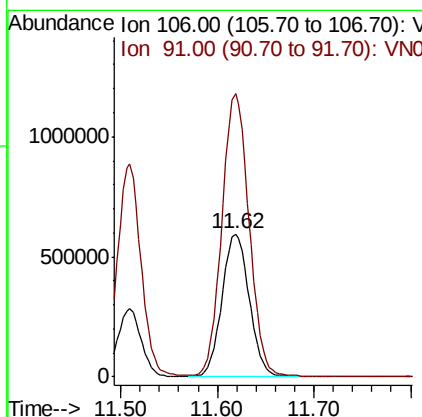
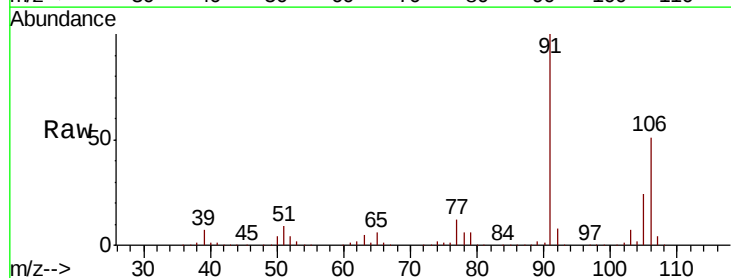
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

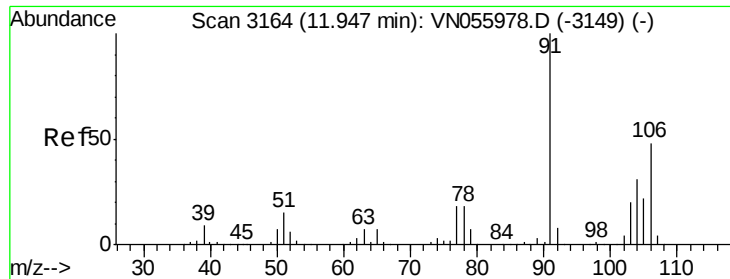
Tot Ion: 91 Resp: 1503849
Ion Ratio Lower Upper
91 100
106 31.9 25.1 37.7



#68
m/p-Xylenes
Concen: 203.301 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion: 106 Resp: 1169613
Ion Ratio Lower Upper
106 100
91 197.5 159.3 238.9

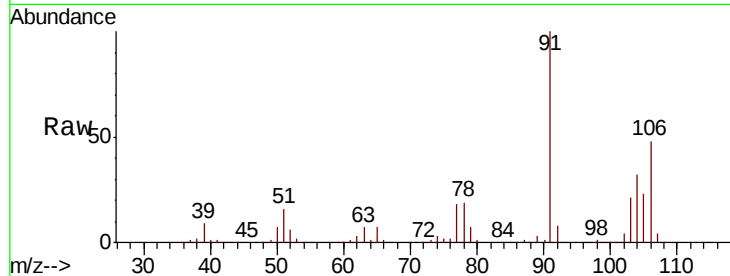




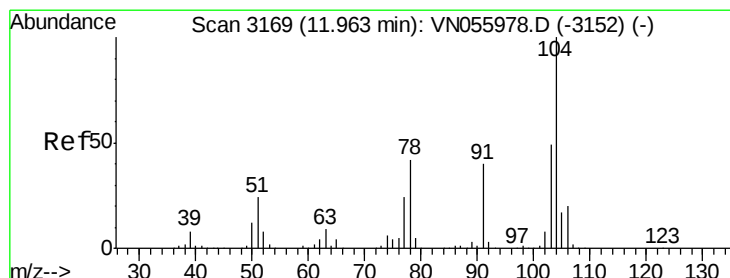
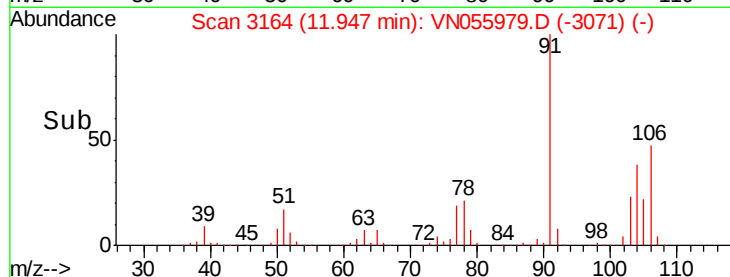
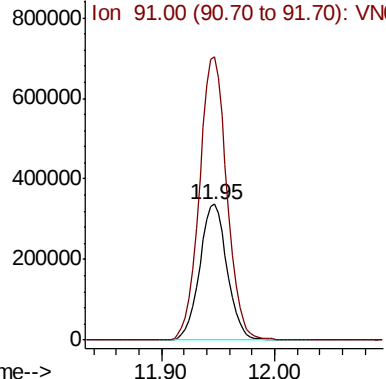
#69
o-Xylene
Concen: 100.505 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 568767
Ion Ratio Lower Upper
106 100
91 208.8 104.7 314.1

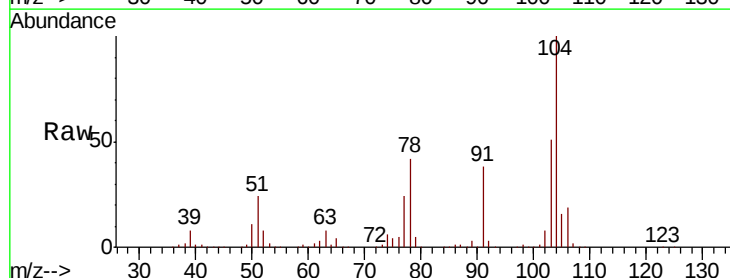


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

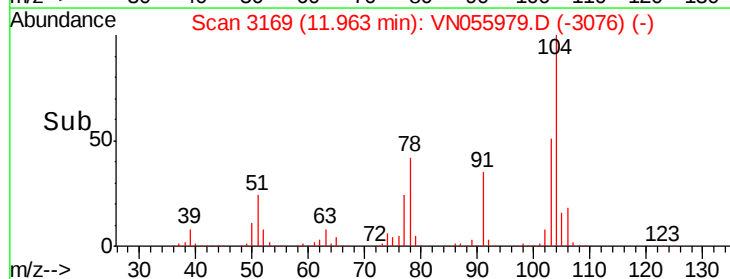
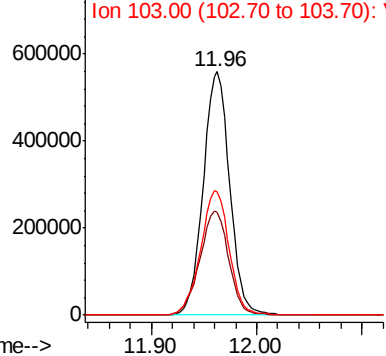


#70
Styrene
Concen: 108.094 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN055979.D
Acq: 4 Jun 2019 10:02

Tgt Ion:104 Resp: 971928
Ion Ratio Lower Upper
104 100
78 46.6 37.8 56.6
103 55.0 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 100.126 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

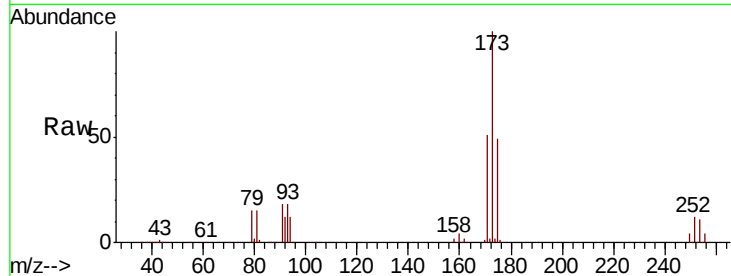
Tot Ion:173 Resp: 258692

Ion Ratio Lower Upper

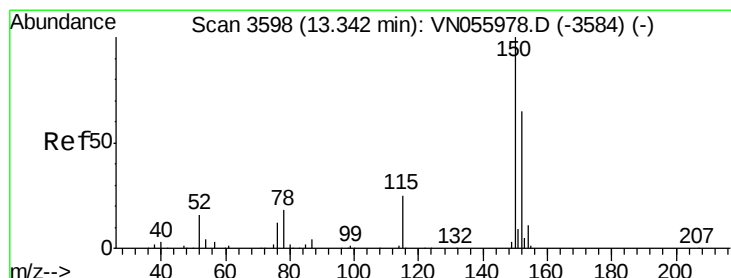
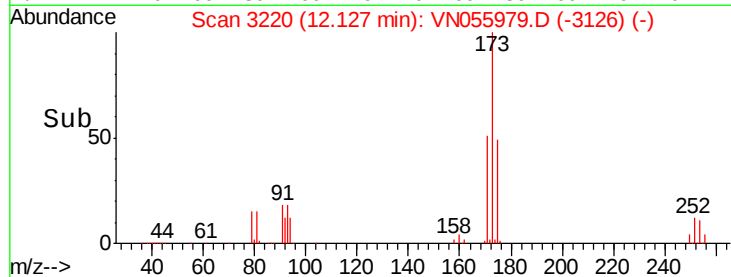
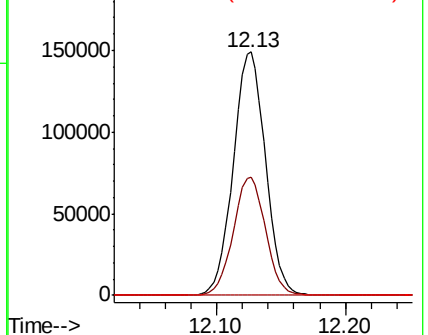
173 100

175 48.5 24.3 72.8

254 0.1 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: VN055979.D

Acq: 4 Jun 2019 10:02

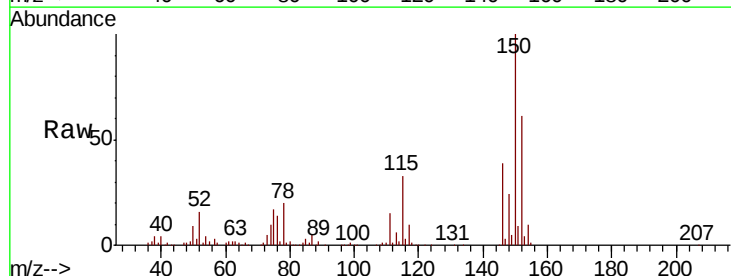
Tgt Ion:152 Resp: 217060

Ion Ratio Lower Upper

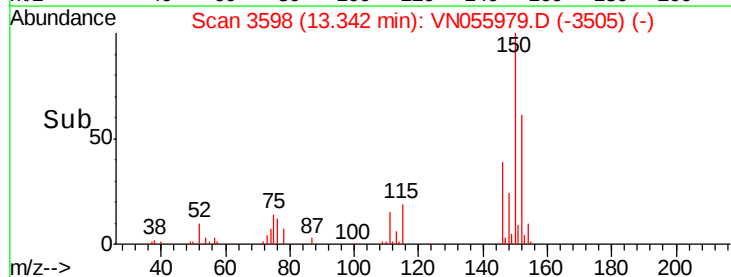
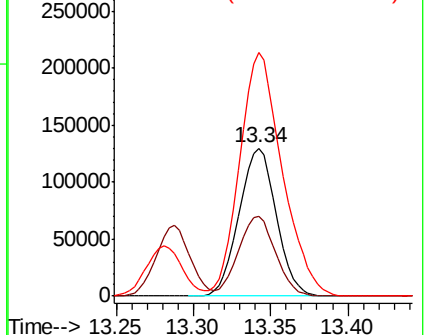
152 100

115 53.8 27.0 81.0

150 188.9 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: 98.671 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

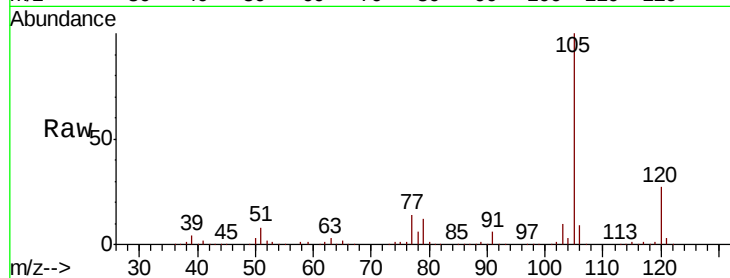
VSTDIC100

Tot Ion:105 Resp: 1490202

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

800000

600000

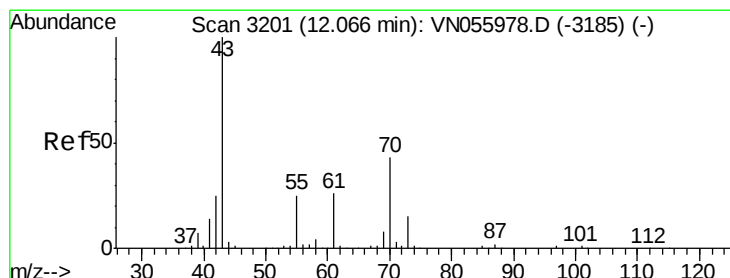
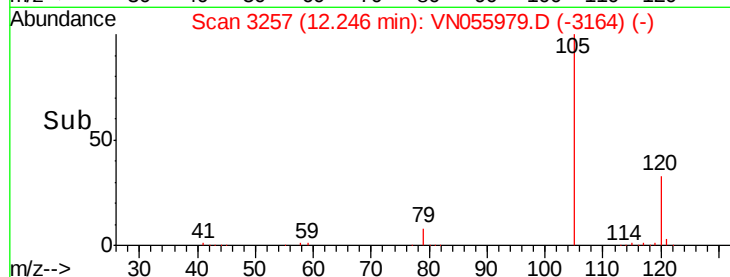
400000

200000

0

Time-->

12.20 12.30



#74

N-ethyl acetate

Concen: 93.164 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Tgt Ion: 43 Resp: 539051

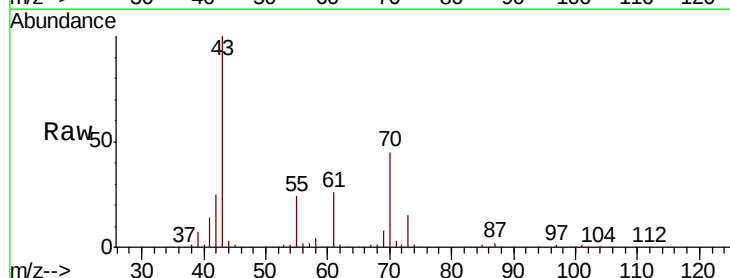
Ion Ratio Lower Upper

43 100

70 44.4 34.0 51.0

55 24.7 18.6 28.0

61 25.9 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

500000

400000

300000

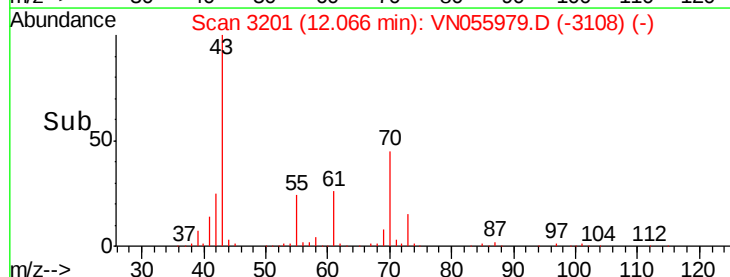
200000

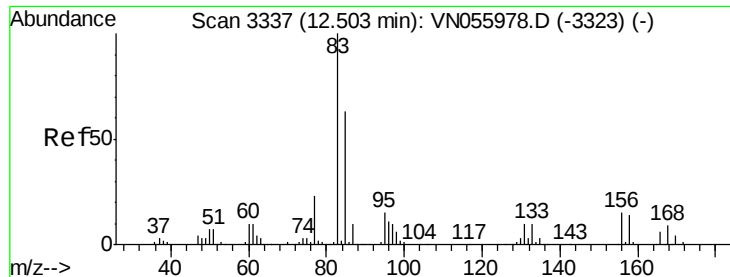
100000

0

Time-->

12.00 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 86.746 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

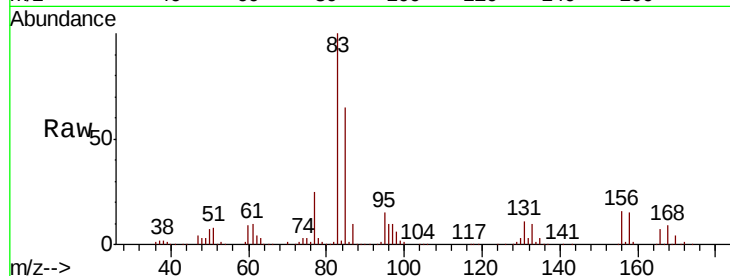
Tot Ion: 83 Resp: 437104

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

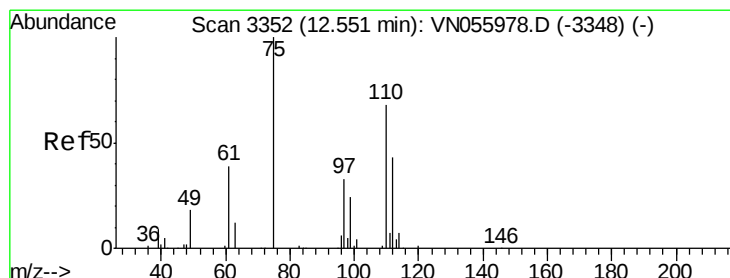
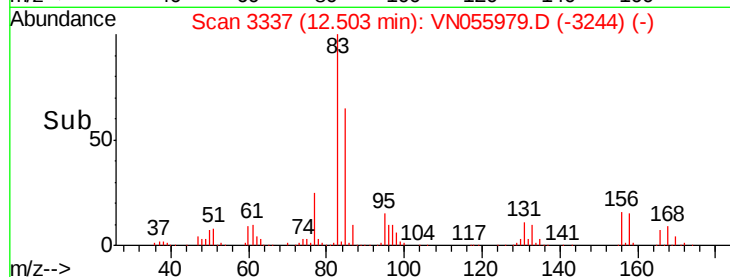
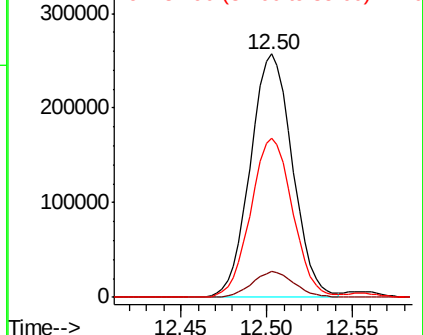
85 64.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 134.546 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN055979.D

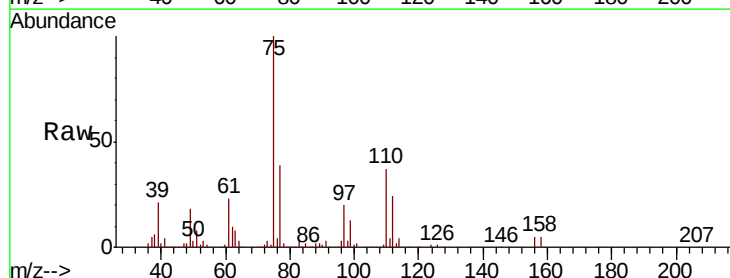
Acq: 4 Jun 2019 10:02

Tgt Ion: 75 Resp: 537376

Ion Ratio Lower Upper

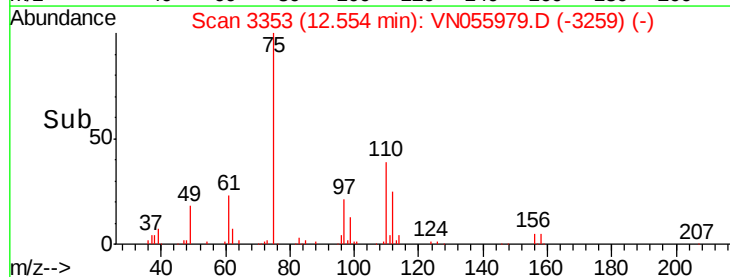
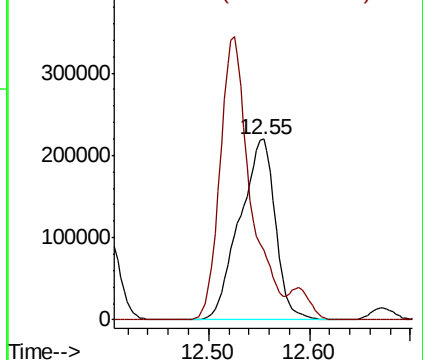
75 100

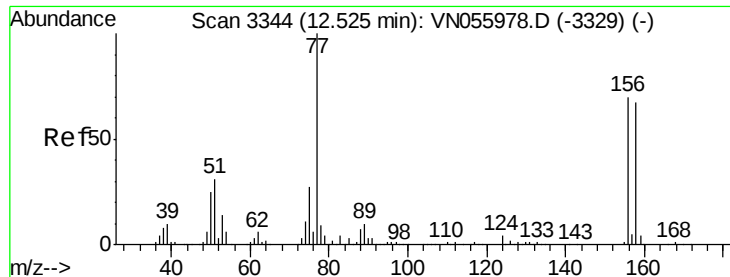
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-3348) (-)





#77

Bromobenzene

Concen: 88.946 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

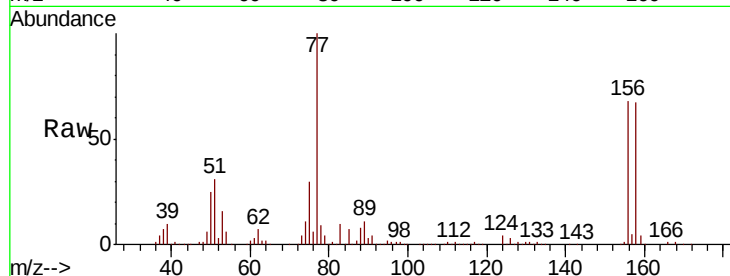
Tot Ion:156 Resp: 413351

Ion Ratio Lower Upper

156 100

77 174.4 90.8 272.5

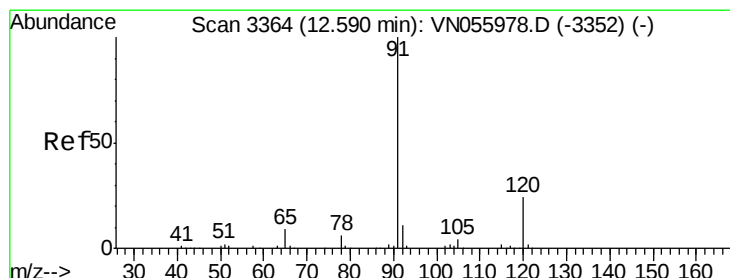
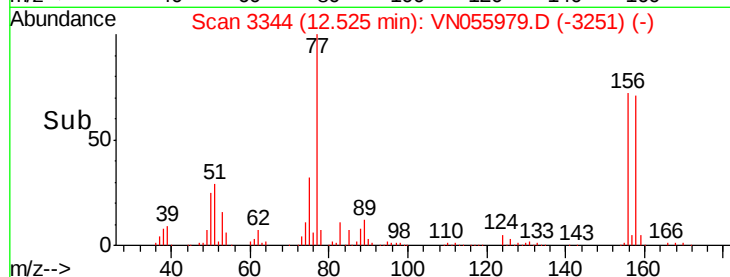
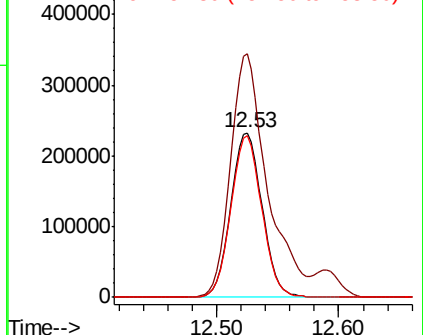
158 97.2 49.3 147.8



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: 90.386 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055979.D

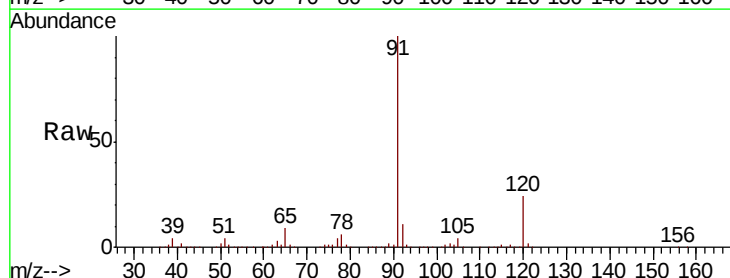
Acq: 4 Jun 2019 10:02

Tgt Ion: 91 Resp: 1659777

Ion Ratio Lower Upper

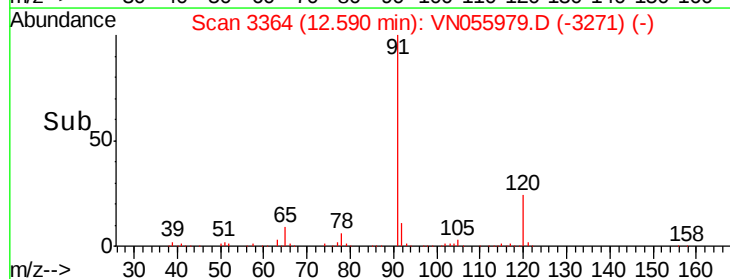
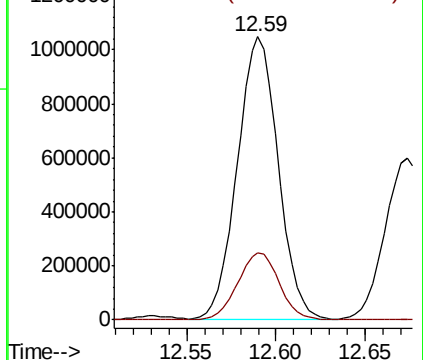
91 100

120 24.2 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: 99.148 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

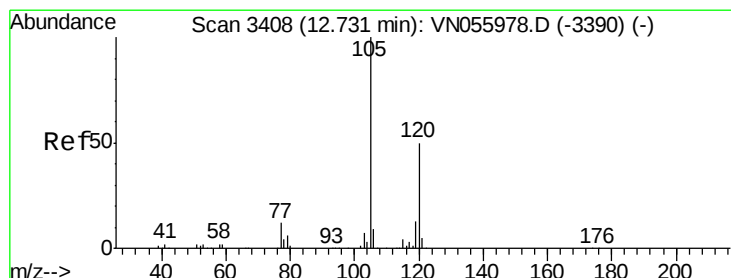
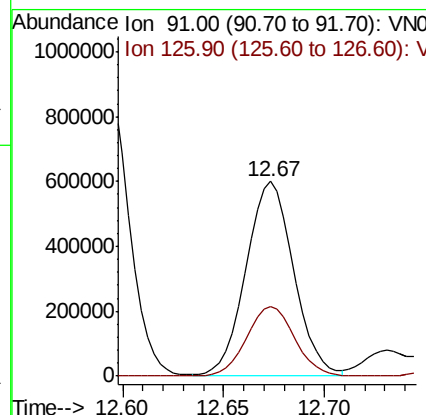
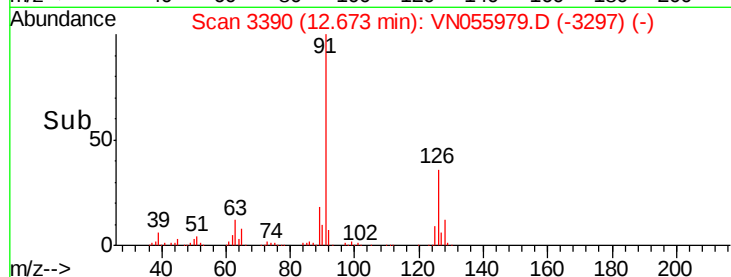
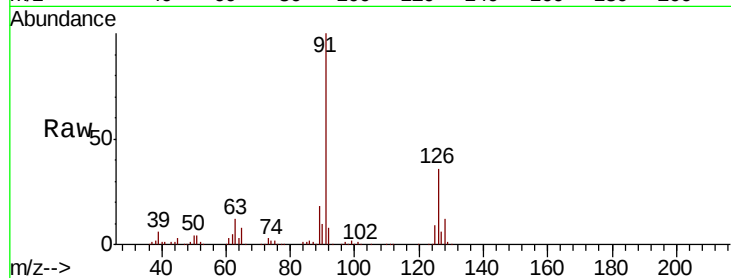
VSTDIC100

Tot Ion: 91 Resp: 986622

Ion Ratio Lower Upper

91 100

126 36.5 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 87.133 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055979.D

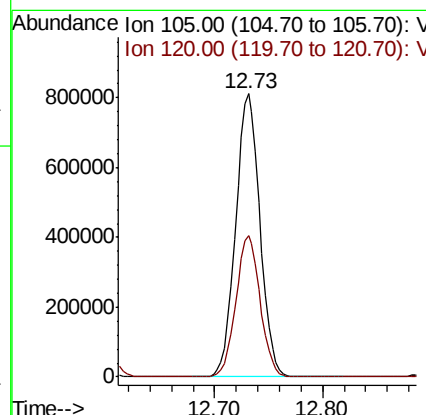
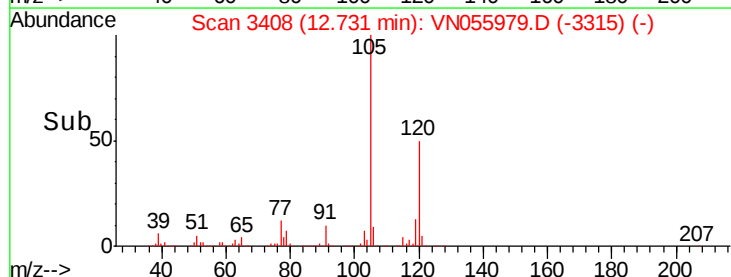
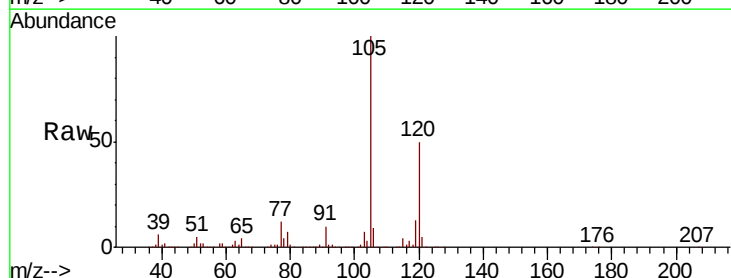
Acq: 4 Jun 2019 10:02

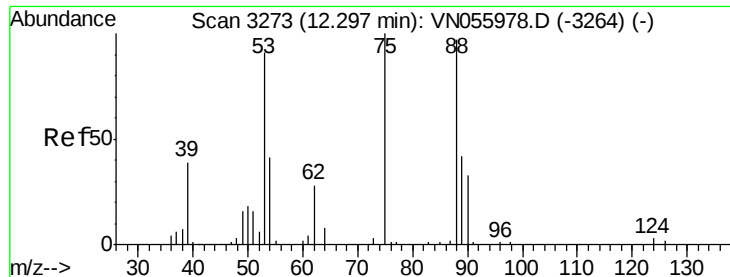
Tgt Ion:105 Resp: 1271646

Ion Ratio Lower Upper

105 100

120 49.8 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 109.519 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

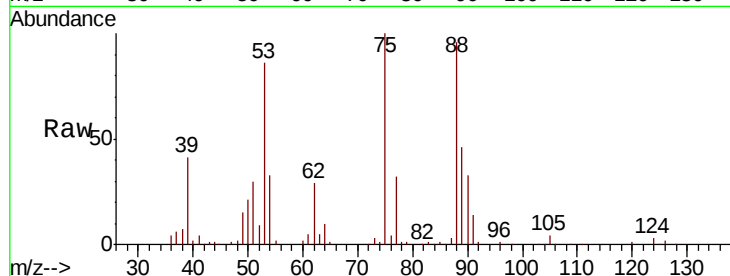
Tot Ion: 75 Resp: 131350

Ion Ratio Lower Upper

75 100

53 88.1 68.1 102.1

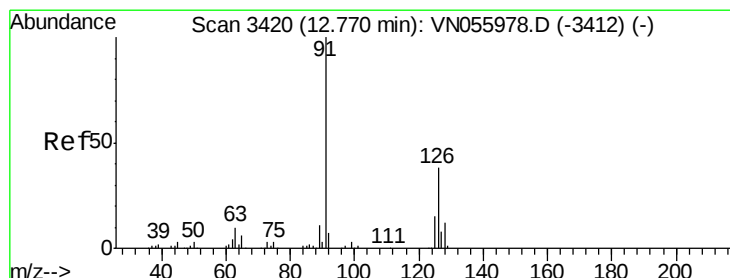
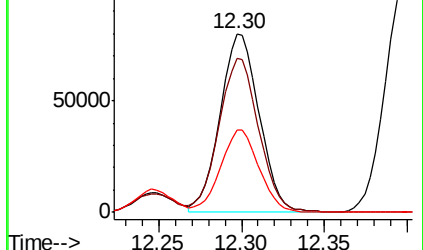
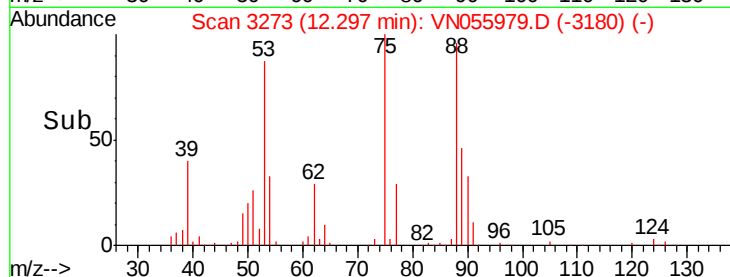
89 45.5 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN055979.D (-3180) (-)

Ion 53.00 (52.70 to 53.70): VN055979.D (-3180) (-)

Ion 88.90 (88.60 to 89.60): VN055979.D (-3180) (-)



#82

4-Chlorotoluene

Concen: 93.196 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN055979.D

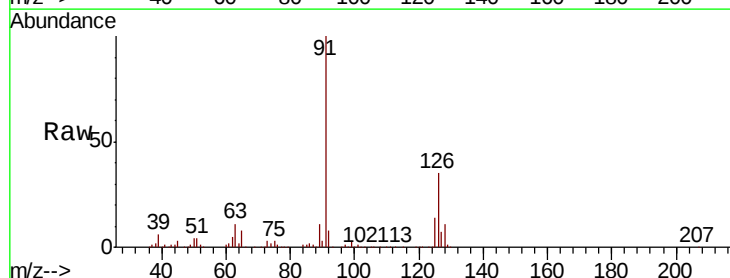
Acq: 4 Jun 2019 10:02

Tgt Ion: 91 Resp: 1001226

Ion Ratio Lower Upper

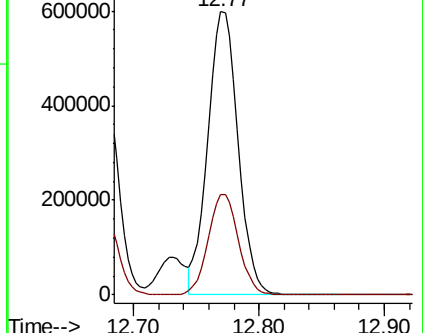
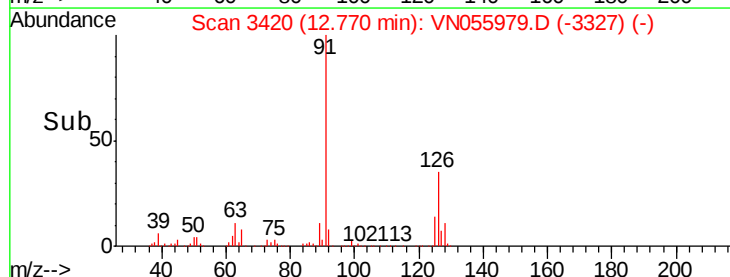
91 100

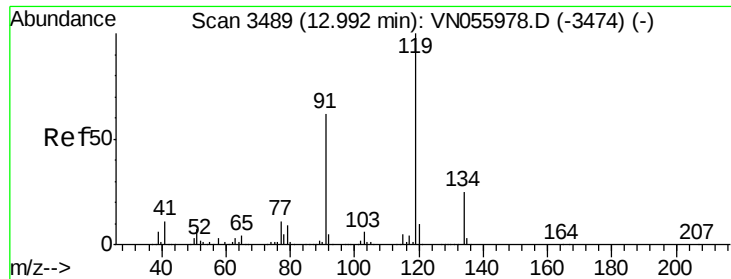
126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN055979.D (-3327) (-)

Ion 125.90 (125.60 to 126.60): VN055979.D (-3327) (-)

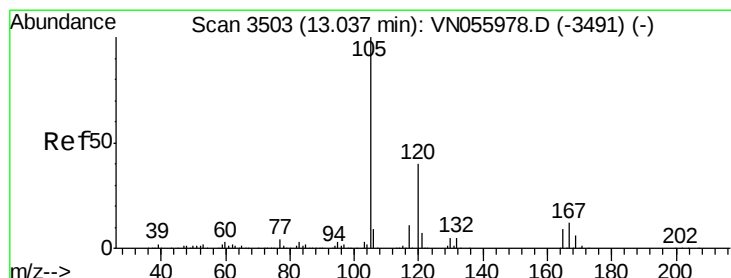
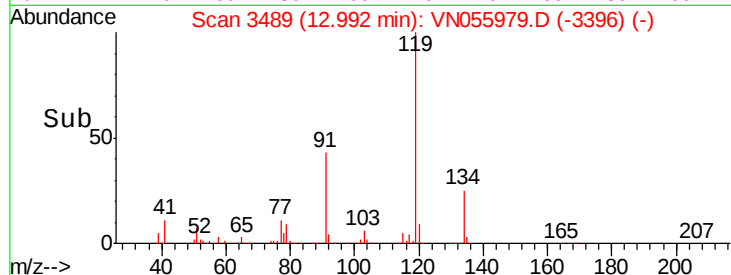
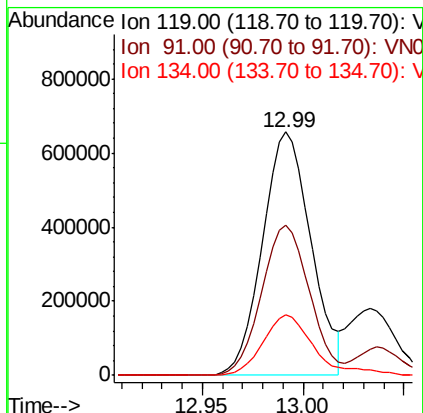
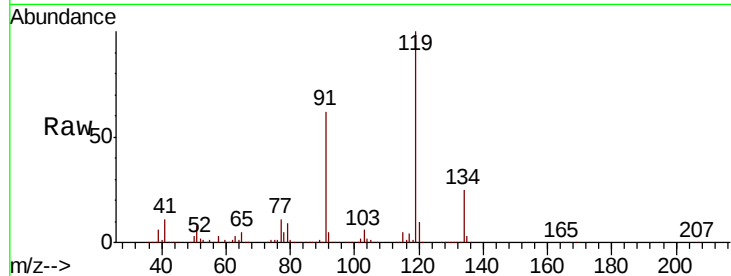




#83
 tert-Butylbenzene
 Concen: 99.964 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

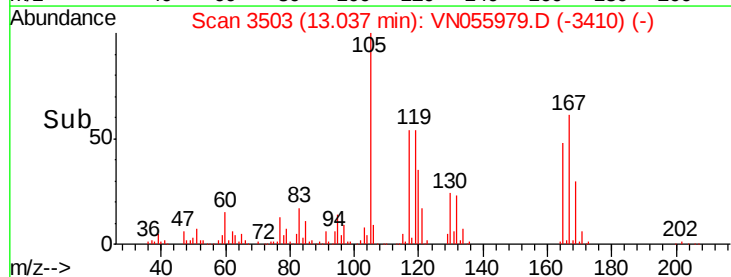
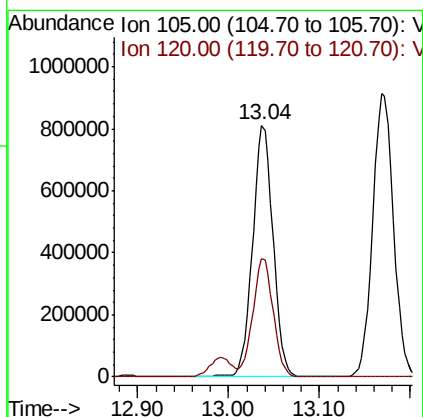
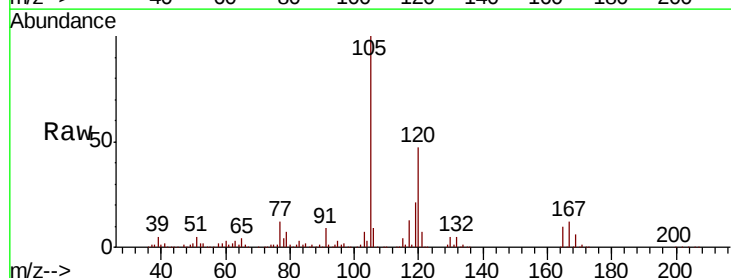
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

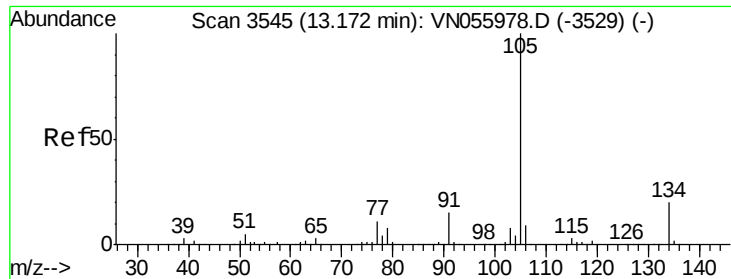
Tot Ion:119 Resp: 1101073
 Ion Ratio Lower Upper
 119 100
 91 61.0 30.9 92.8
 134 26.2 13.3 39.8



#84
 1,2,4-Trimethylbenzene
 Concen: 91.380 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion:105 Resp: 1264676
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.0 69.0





#85

sec-Butylbenzene

Concen: 88.759 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

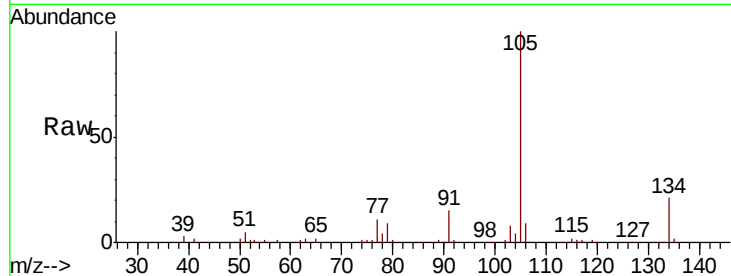
VSTDIC100

Tot Ion:105 Resp: 1443414

Ion Ratio Lower Upper

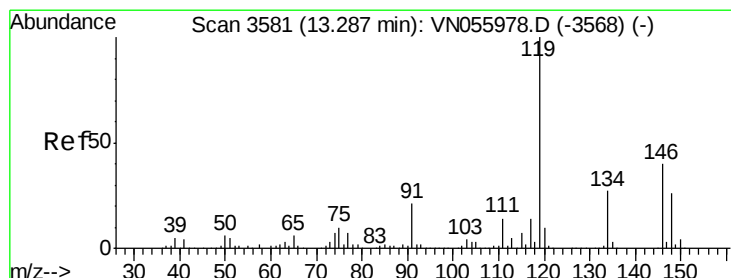
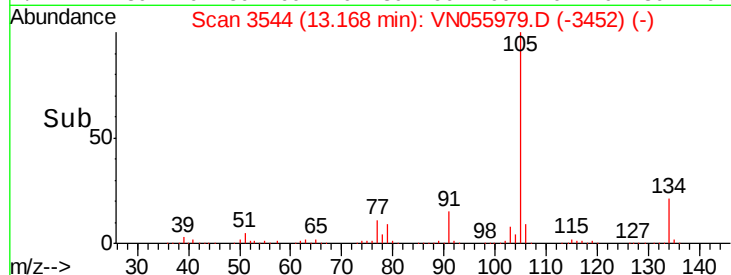
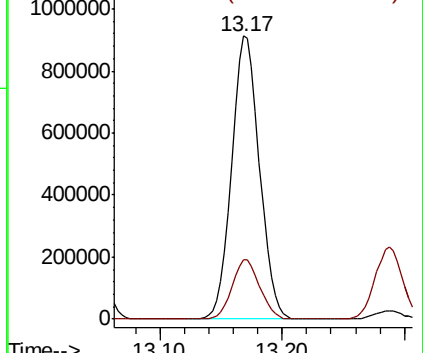
105 100

134 20.9 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 92.214 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

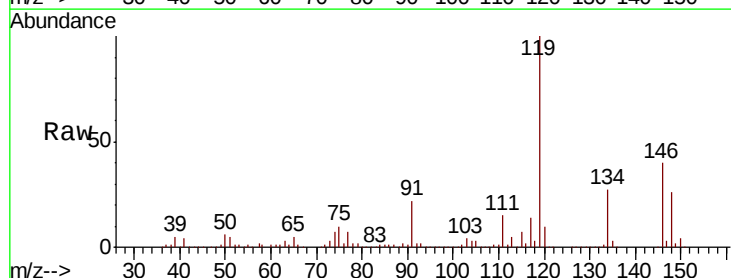
Tgt Ion:119 Resp: 1342093

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

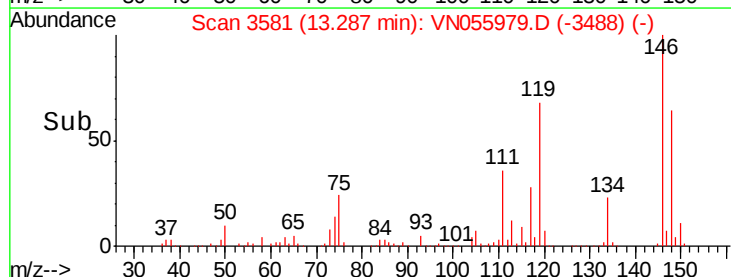
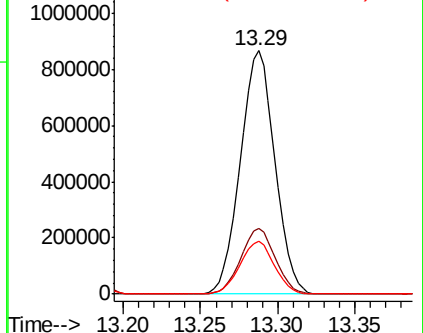
91 21.5 10.9 32.9

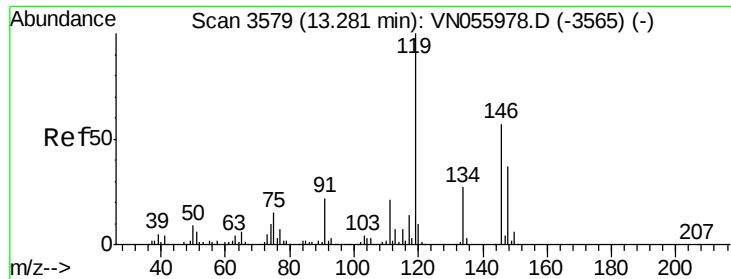


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

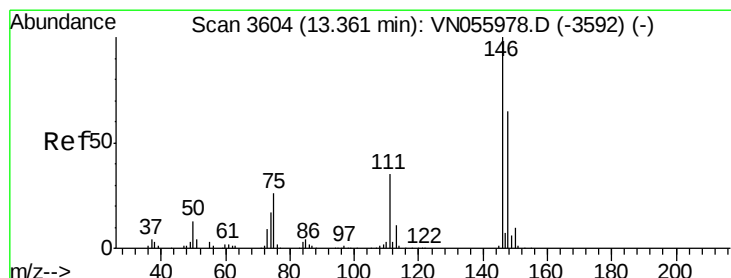
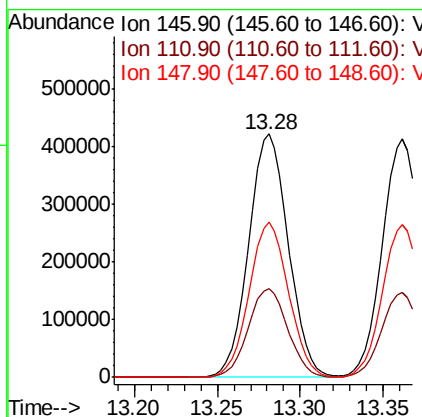
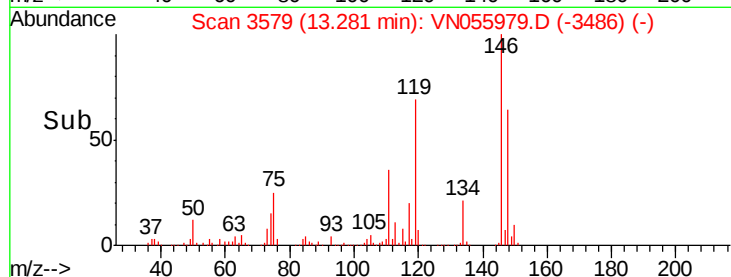
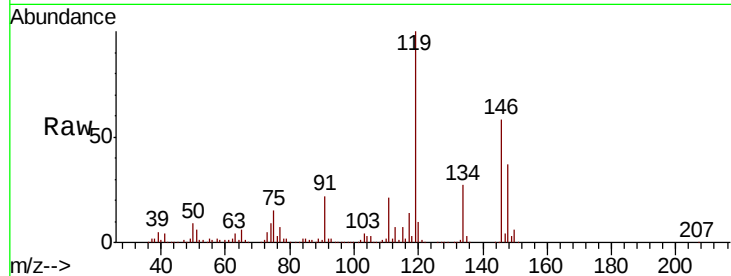




#87
 1,3-Dichlorobenzene
 Concen: 97.257 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

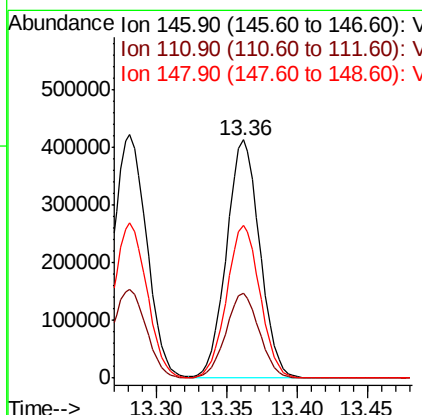
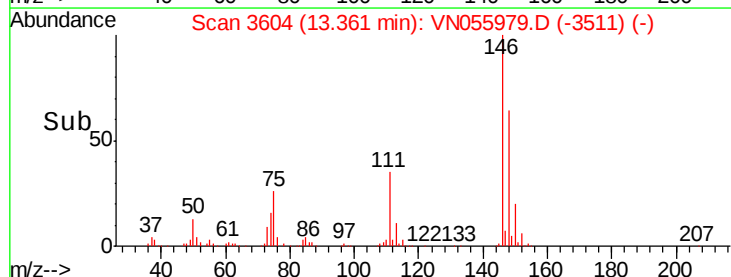
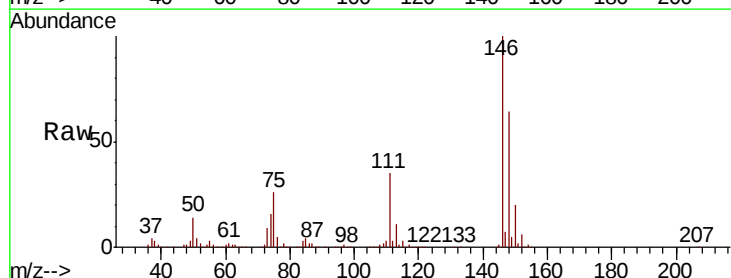
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

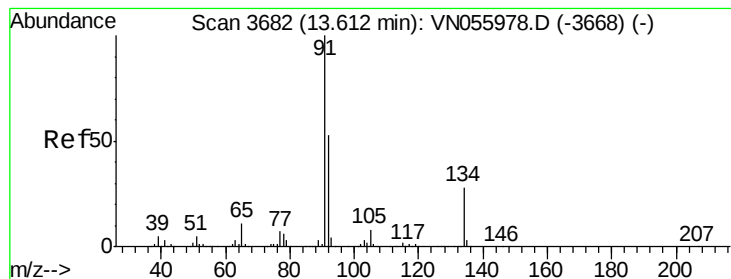
Tot Ion:146 Resp: 699524
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.5 55.5
 148 63.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 98.400 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion:146 Resp: 680819
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.1 54.4
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 101.709 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

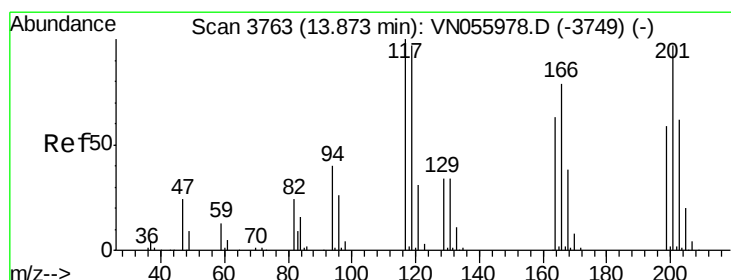
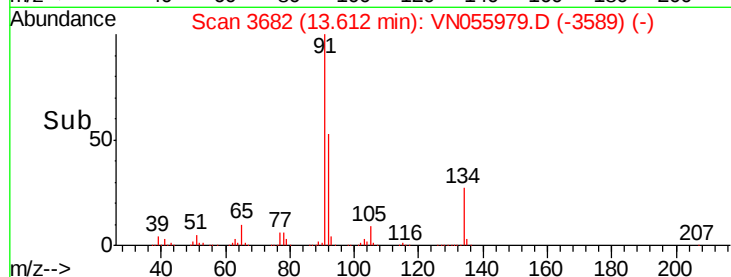
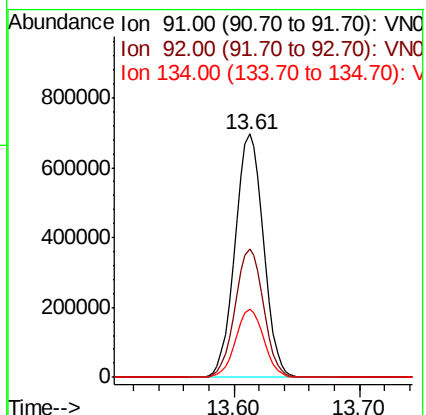
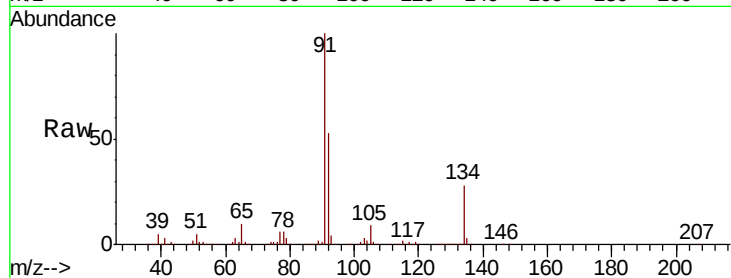
Tot Ion: 91 Resp: 1096570

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.0

134 27.7 13.9 41.7



#90

Hexachloroethane

Concen: 97.508 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN055979.D

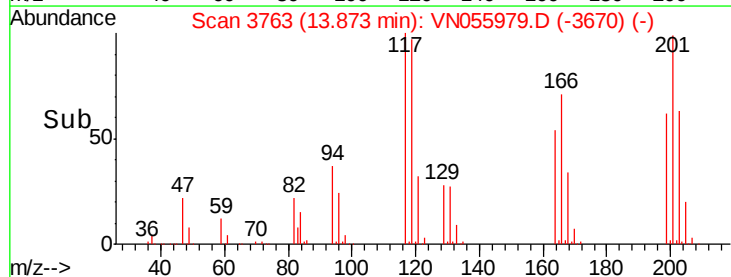
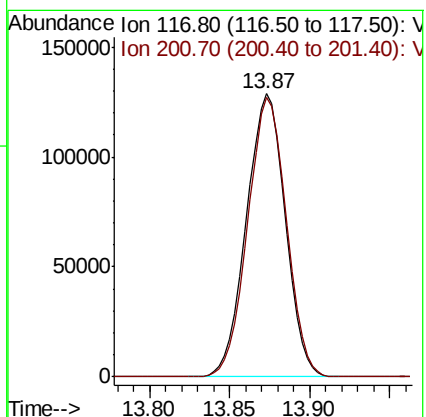
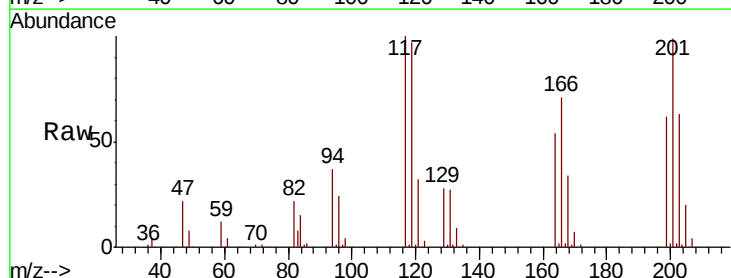
Acq: 4 Jun 2019 10:02

Tgt Ion: 117 Resp: 214019

Ion Ratio Lower Upper

117 100

201 98.0 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 93.463 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

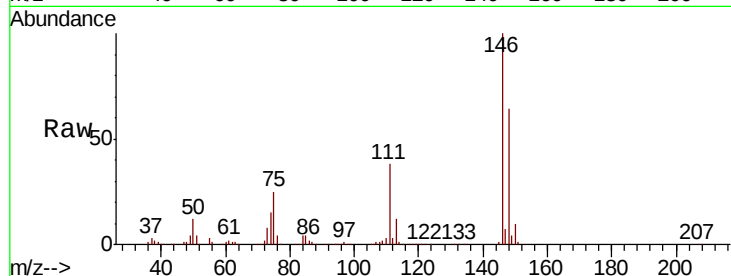
Tot Ion:146 Resp: 678698

Ion Ratio Lower Upper

146 100

111 37.9 19.1 57.5

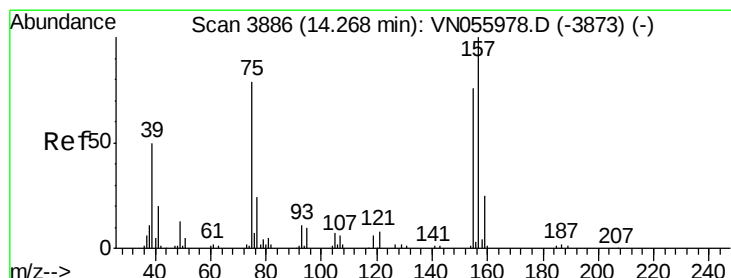
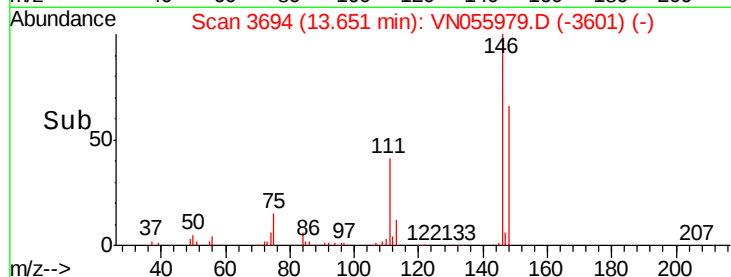
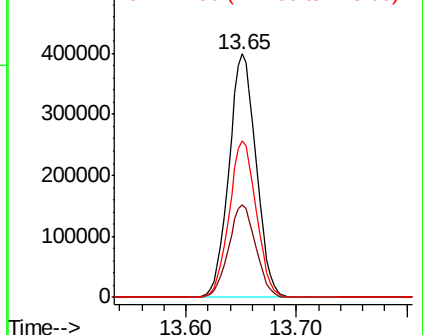
148 64.1 31.9 95.9



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: 106.154 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

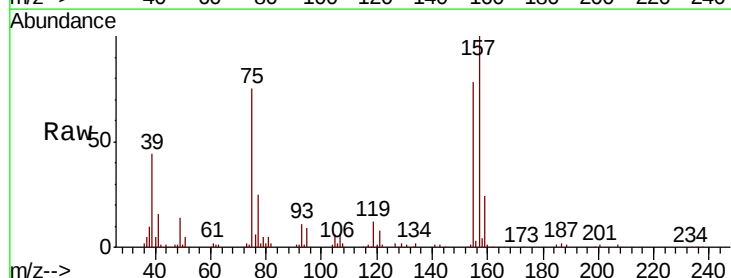
Tgt Ion: 75 Resp: 76507

Ion Ratio Lower Upper

75 100

155 104.9 50.0 150.1

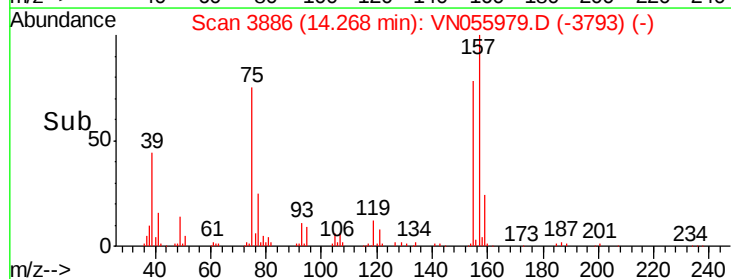
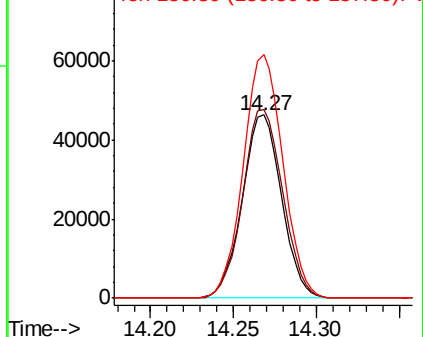
157 134.0 64.8 194.3



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

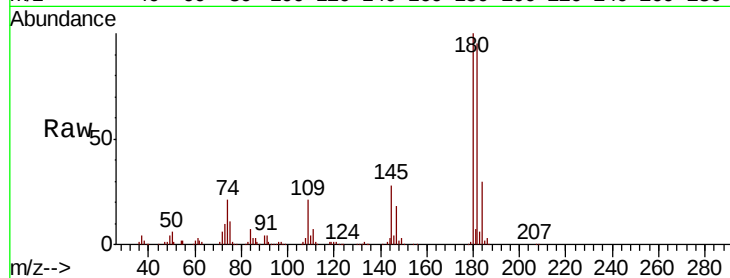




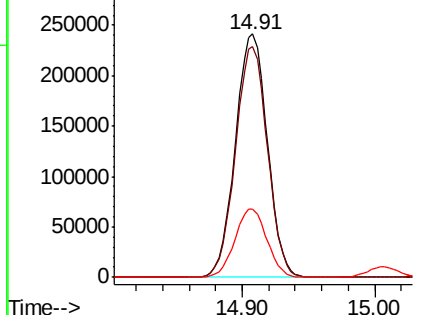
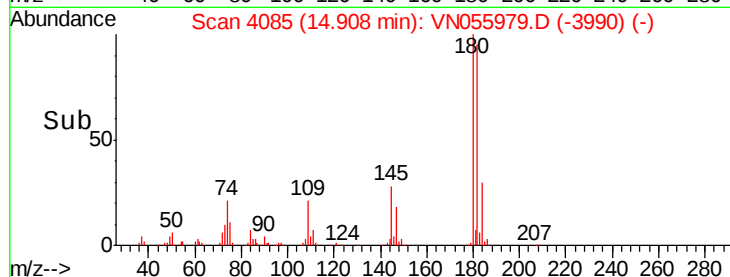
#93
 1,2,4-Trichlorobenzene
 Concen: 96.638 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tot Ion:180 Resp: 404134
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.3 144.9
 145 28.0 14.0 41.9

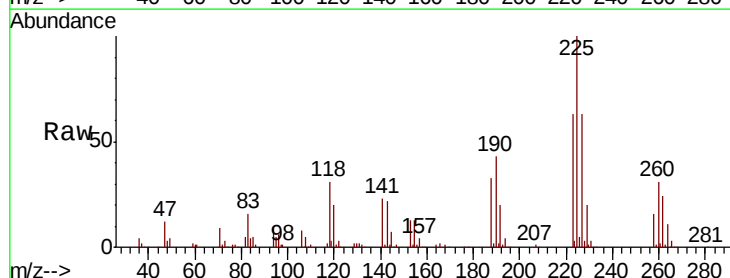


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

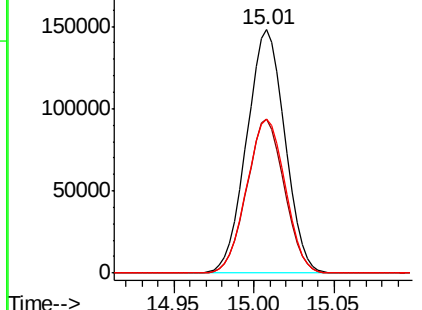
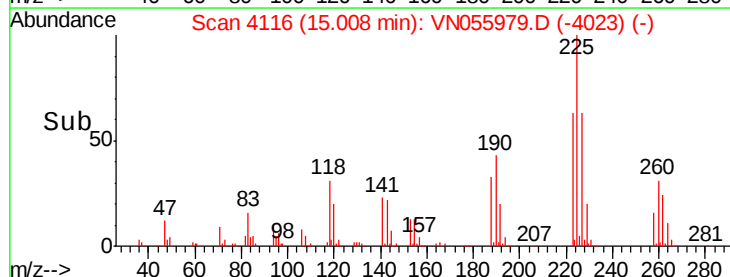


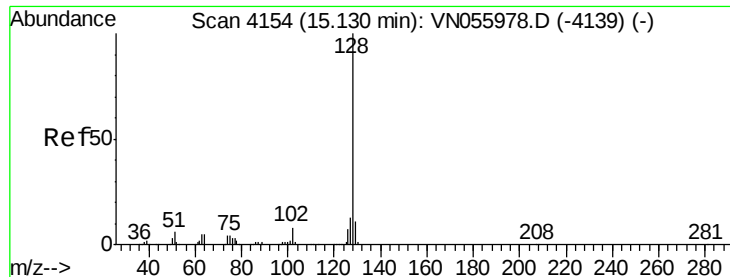
#94
 Hexachlorobutadiene
 Concen: 99.505 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055979.D
 Acq: 4 Jun 2019 10:02

Tgt Ion:225 Resp: 242684
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.9 92.7
 227 63.9 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: 97.291 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

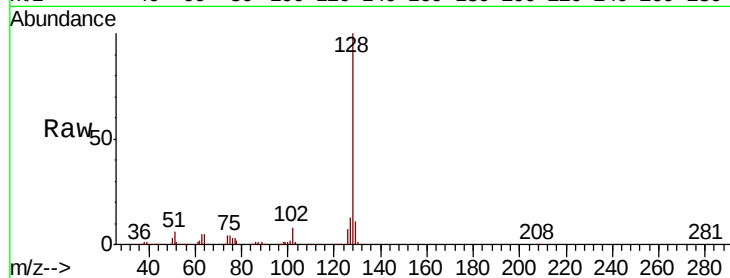
Tot Ion:128 Resp: 1051052

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

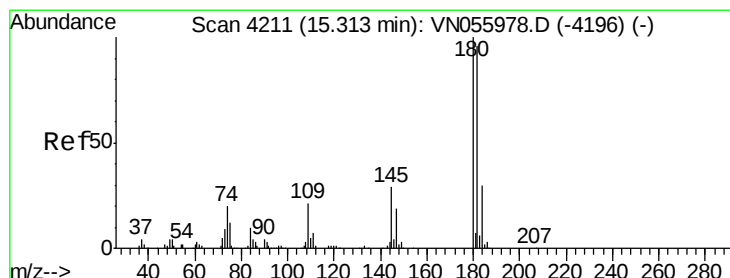
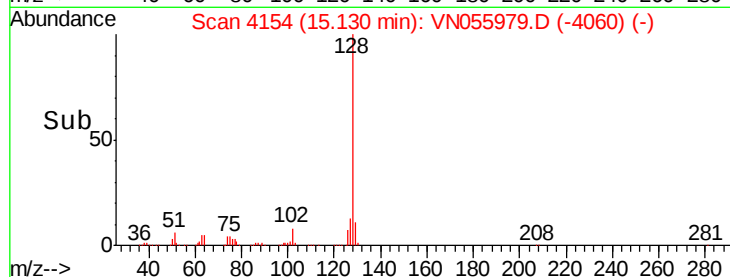
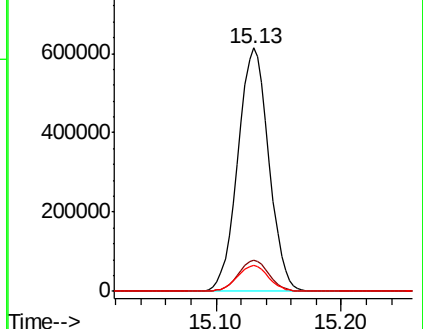
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 96.512 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055979.D

Acq: 4 Jun 2019 10:02

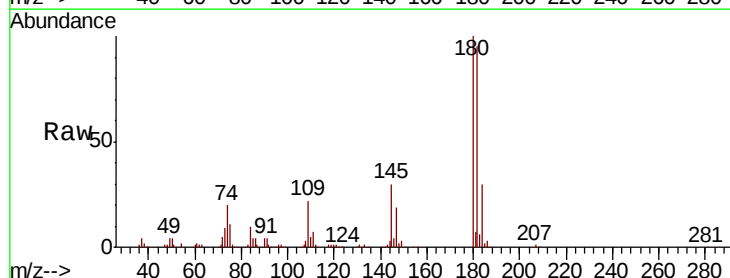
Tgt Ion:180 Resp: 405832

Ion Ratio Lower Upper

180 100

182 95.4 47.9 143.7

145 29.8 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

