

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060419\
 Data File : VN055980.D
 Acq On : 4 Jun 2019 10:27
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 05 01:11:48 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	326097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	476237	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	439869	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214941	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	471044	145.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	290.96%	
35) Dibromofluoromethane	7.59	113	436503	149.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	298.78%	
50) Toluene-d8	10.09	98	1692863	150.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.14%	
62) 4-Bromofluorobenzene	12.40	95	592557	154.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	537973	149.457	ug/l	99
3) Chloromethane	2.06	50	554878	156.971	ug/l	99
4) Vinyl Chloride	2.18	62	561654	158.398	ug/l	100
5) Bromomethane	2.52	94	270761	120.882	ug/l	99
6) Chloroethane	2.67	64	296845	144.389	ug/l	99
7) Trichlorofluoromethane	3.00	101	677530	149.675	ug/l	100
8) Diethyl Ether	3.40	74	272940	146.622	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	411937	149.809	ug/l	99
10) Methyl Iodide	3.93	142	681730	156.011	ug/l	99
11) Tert butyl alcohol	4.82	59	414992	736.507	ug/l	100
12) 1,1-Dichloroethene	3.72	96	426238	155.701	ug/l	97
13) Acrolein	3.60	56	123903	762.452	ug/l	98
14) Allyl chloride	4.31	41	682440	157.873	ug/l	99
15) Acrylonitrile	4.99	53	1092657	796.618	ug/l	99
16) Acetone	3.82	43	1079910	697.359	ug/l	99
17) Carbon Disulfide	4.03	76	1141123	174.094	ug/l	100
18) Methyl Acetate	4.32	43	454902	150.713	ug/l	98
19) Methyl tert-butyl Ether	5.05	73	1320916	151.377	ug/l	99
20) Methylene Chloride	4.54	84	477033	149.520	ug/l	97
21) trans-1,2-Dichloroethene	5.03	96	448863	153.031	ug/l	97
22) Diisopropyl ether	5.95	45	1372209	153.565	ug/l	96
23) Vinyl Acetate	5.89	43	5744048	816.279	ug/l	99
24) 1,1-Dichloroethane	5.84	63	776939	150.732	ug/l	99
25) 2-Butanone	6.84	43	1516269	774.962	ug/l	99
26) 2,2-Dichloropropane	6.82	77	615687	153.076	ug/l	99
27) cis-1,2-Dichloroethene	6.82	96	522754	151.618	ug/l	97
28) Bromochloromethane	7.19	49	361897	148.468	ug/l	98
29) Tetrahydrofuran	7.21	42	931296	770.026	ug/l	98
30) Chloroform	7.37	83	779720	150.374	ug/l	99
31) Cyclohexane	7.65	56	735353	143.125	ug/l	97
32) 1,1,1-Trichloroethane	7.57	97	679585	156.949	ug/l	99
36) 1,1-Dichloropropene	7.79	75	609062	148.734	ug/l	99
37) Ethyl Acetate	6.93	43	576508	158.227	ug/l	99
38) Carbon Tetrachloride	7.77	117	587903	155.721	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	777438	152.404	ug/l	98
40) Benzene	8.04	78	1871495	150.474	ug/l	100
41) Methacrylonitrile	7.17	41	271146	161.746	ug/l	95
42) 1,2-Dichloroethane	8.12	62	580342	145.061	ug/l	99
43) Isopropyl Acetate	8.17	43	954440	161.654	ug/l #	92
44) Trichloroethene	8.83	130	537710	150.457	ug/l	99
45) 1,2-Dichloropropane	9.12	63	485030	152.250	ug/l	100
46) Dibromomethane	9.21	93	318995	153.125	ug/l	99
47) Bromodichloromethane	9.40	83	613289	162.432	ug/l	98
48) Methyl methacrylate	9.20	41	461519	159.777	ug/l	96
49) 1,4-Dioxane	9.20	88	192840	3092.382	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	2819037	763.509	ug/l	99
52) Toluene	10.15	92	1201310	155.222	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	695180	151.909	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	770297	169.728	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	475085	154.970	ug/l	99
56) Ethyl methacrylate	10.43	69	733625	164.032	ug/l	99
57) 1,3-Dichloropropane	10.71	76	774973	155.503	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	1408558	761.946	ug/l	100
59) 2-Hexanone	10.75	43	2050950	766.414	ug/l	99
60) Dibromochloromethane	10.90	129	531089	151.824	ug/l	99
61) 1,2-Dibromoethane	11.00	107	505993	161.451	ug/l	98
64) Tetrachloroethene	10.63	164	521109	136.862	ug/l	99
65) Chlorobenzene	11.43	112	1299062	148.392	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	487240	161.191	ug/l	100
67) Ethyl Benzene	11.51	91	2299298	151.048	ug/l	98
68) m/p-Xylenes	11.62	106	1773836	305.041	ug/l	98
69) o-Xylene	11.95	106	854349	149.360	ug/l	99
70) Styrene	11.96	104	1478377	162.667	ug/l	99
71) Bromoform	12.13	173	397919	150.942	ug/l #	99
73) Isopropylbenzene	12.25	105	2221892	149.855	ug/l	99
74) N-amyl acetate	12.07	43	789503	137.794	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	634662	127.194	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	794558	200.899	ug/l #	100
77) Bromobenzene	12.53	156	610739	132.716	ug/l	96
78) n-propylbenzene	12.59	91	2489025	136.881	ug/l	99
79) 2-Chlorotoluene	12.67	91	1462559	149.635	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1878462	129.982	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	199863	168.288	ug/l	100
82) 4-Chlorotoluene	12.77	91	1481028	139.216	ug/l	99
83) tert-Butylbenzene	12.99	119	1609549	148.942	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1880311	137.203	ug/l	100
85) sec-Butylbenzene	13.17	105	2126037	132.023	ug/l	100
86) p-Isopropyltoluene	13.29	119	1992495	138.252	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1031368	144.808	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	1014458	148.067	ug/l	99
89) n-Butylbenzene	13.61	91	1649178	154.472	ug/l	100
90) Hexachloroethane	13.87	117	327530	150.695	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	1007481	140.108	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	117836	165.110	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

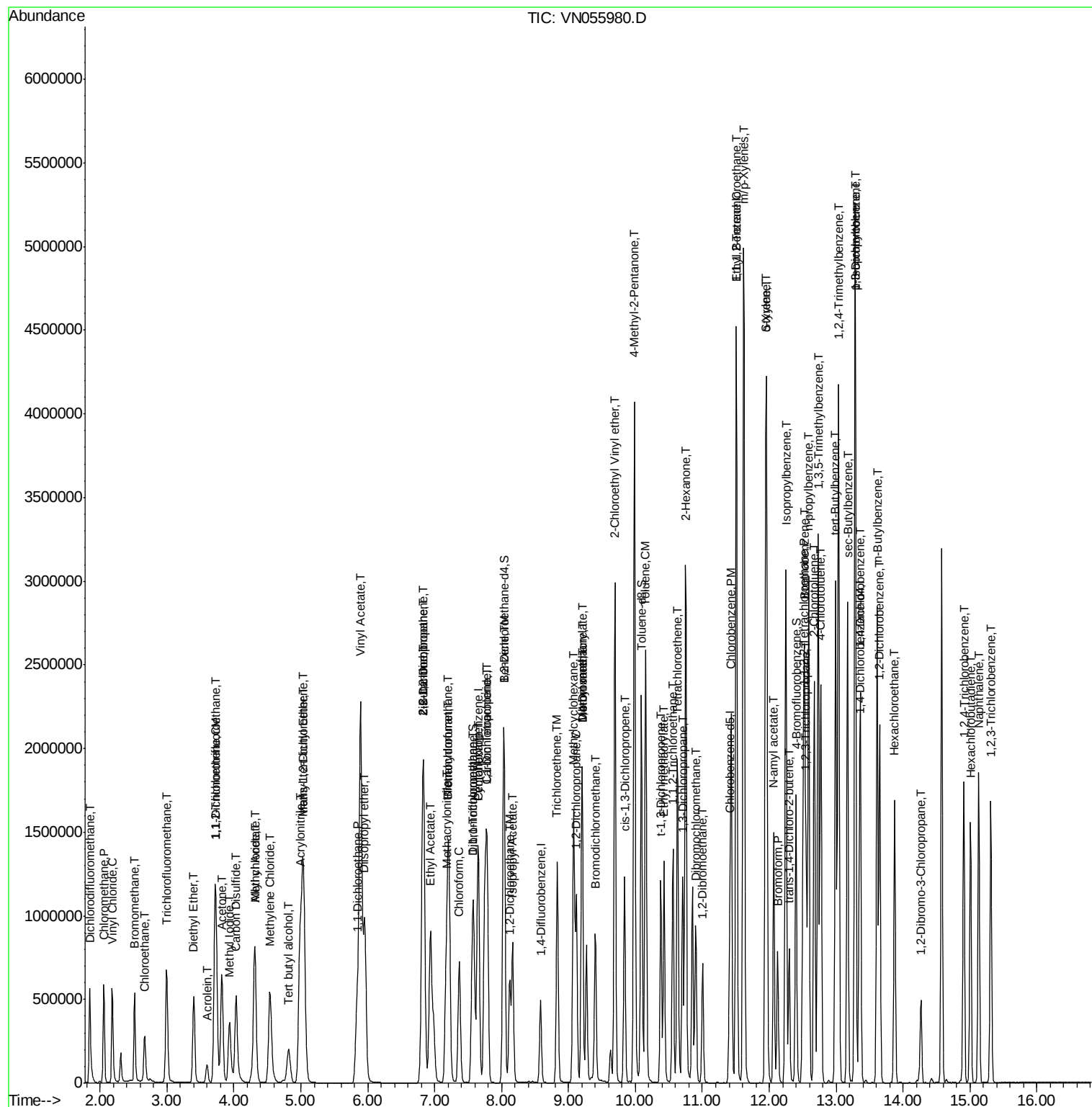
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	649052	154.078	ug/l	99
94) Hexachlorobutadiene	15.01	225	358693	149.592	ug/l	99
95) Naphthalene	15.13	128	1664652	153.299	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	646629	153.446	ug/l	100

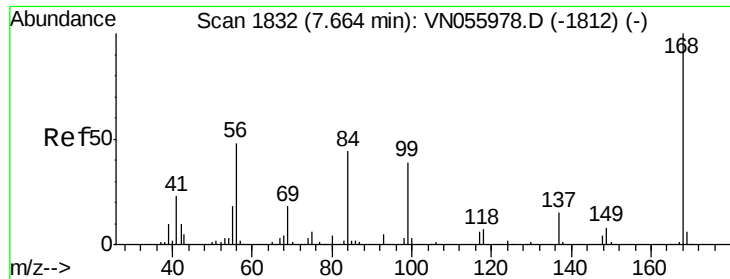
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

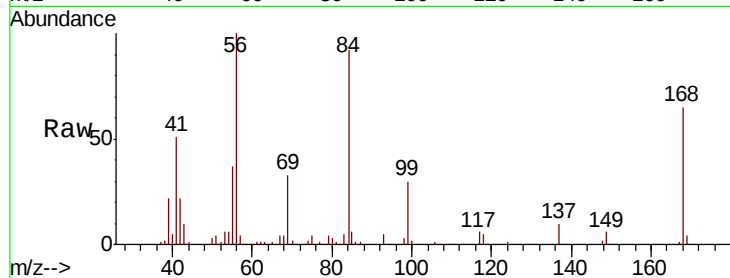
VSTDIC150

Tot Ion:168 Resp: 326097

Ion Ratio Lower Upper

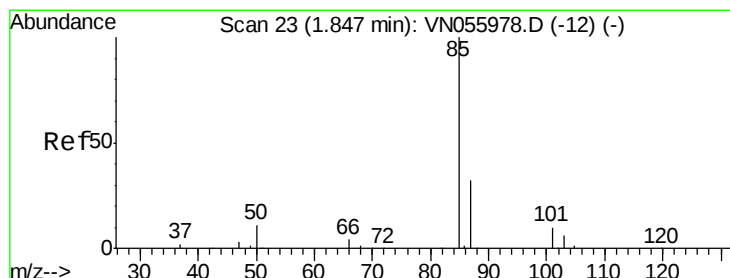
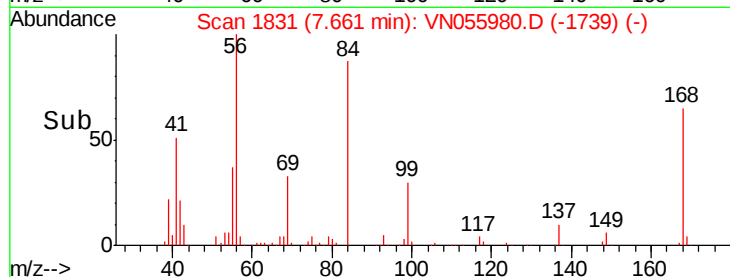
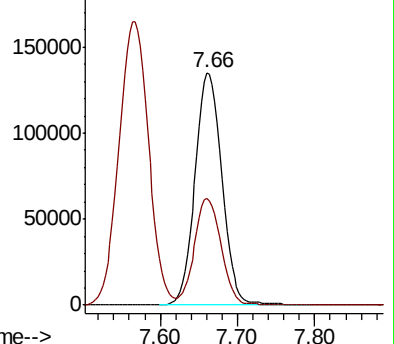
168 100

99 45.7 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 149.457 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN055980.D

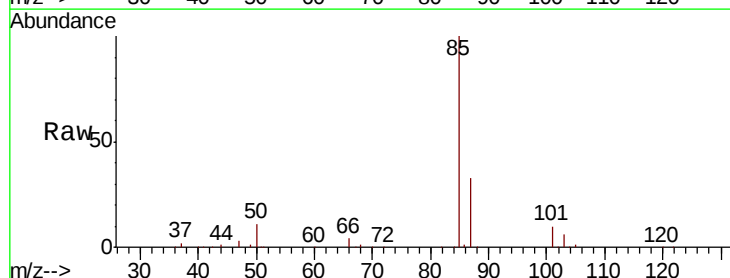
Acq: 4 Jun 2019 10:27

Tgt Ion: 85 Resp: 537973

Ion Ratio Lower Upper

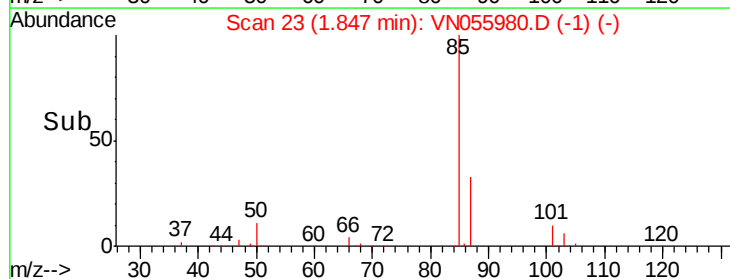
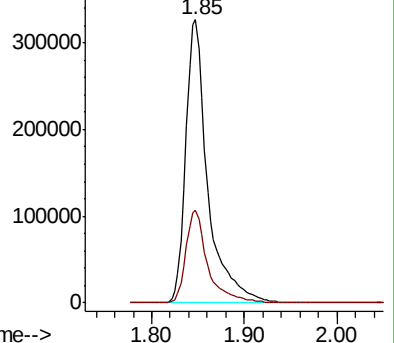
85 100

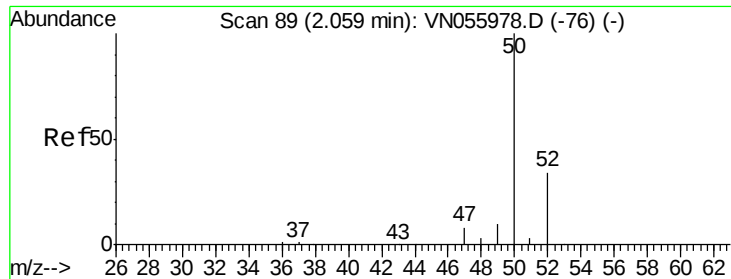
87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

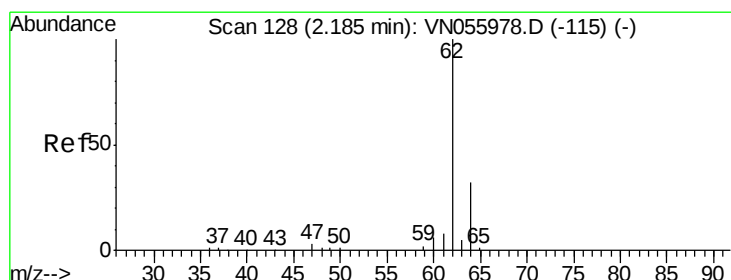
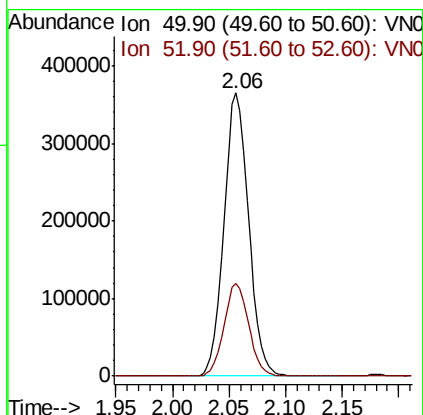
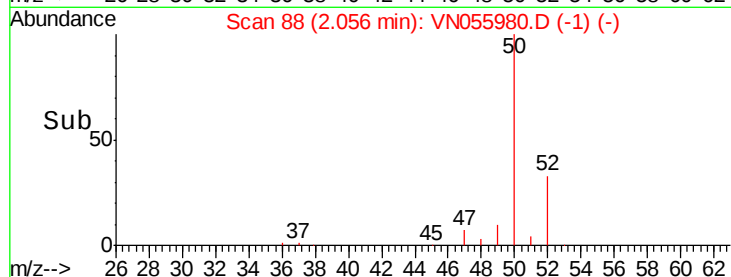
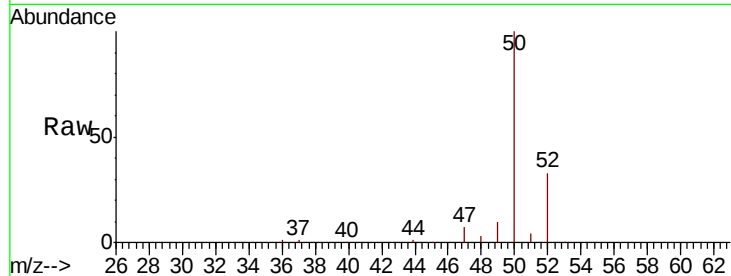




#3
Chloromethane
Concen: 156.971 ug/l
RT: 2.06 min Scan# 88
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

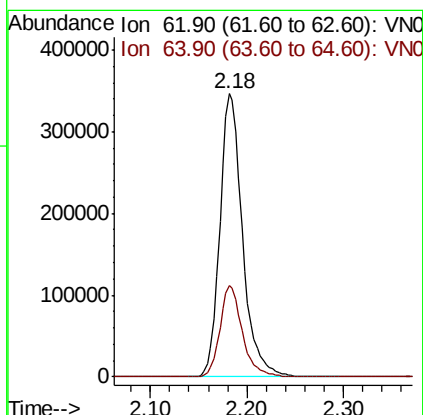
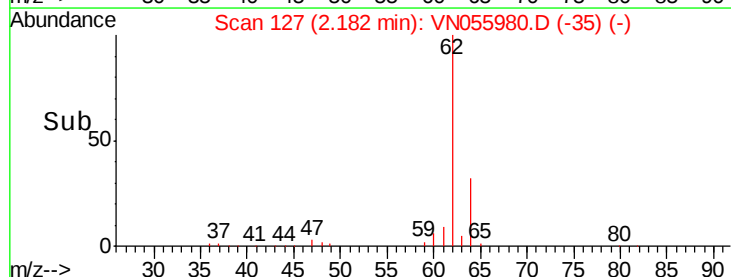
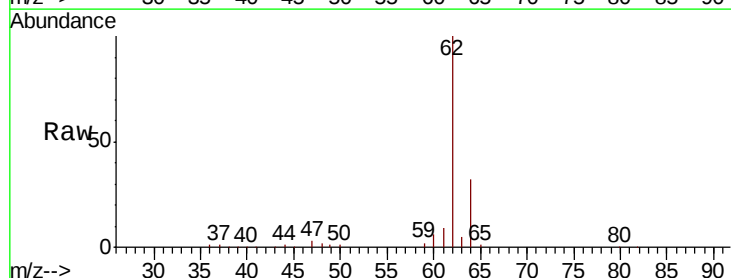
Instrument :
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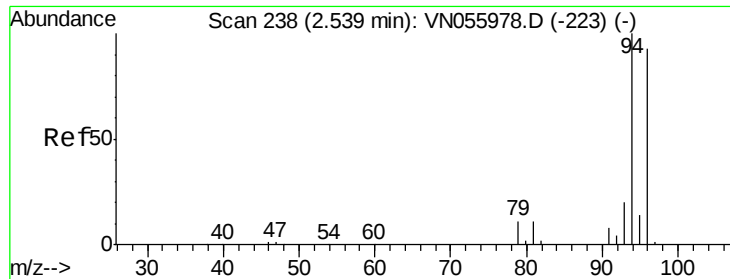
Tot Ion: 50 Resp: 554878
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 158.398 ug/l
RT: 2.18 min Scan# 127
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 62 Resp: 561654
Ion Ratio Lower Upper
62 100
64 32.2 25.6 38.4

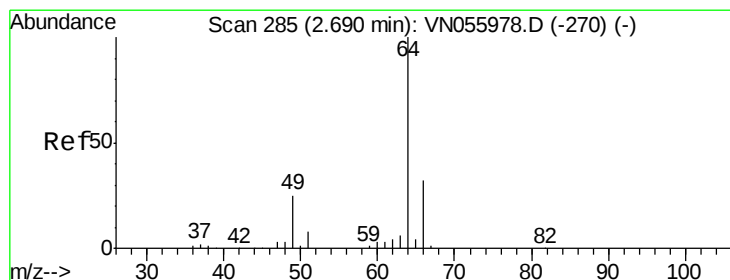
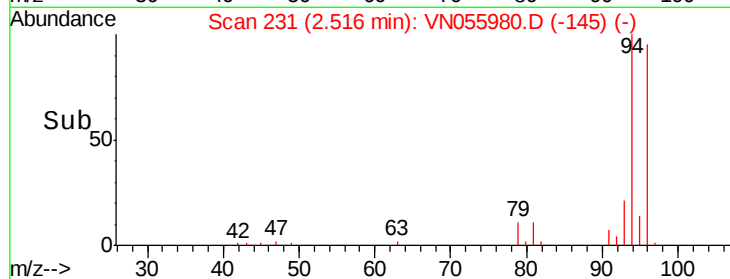
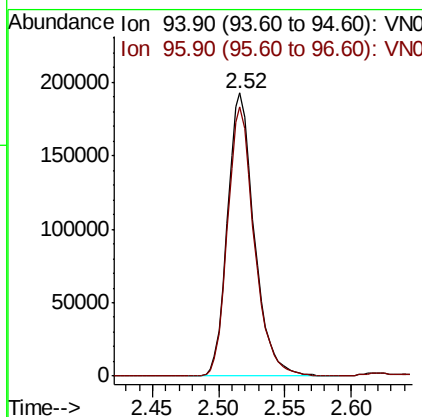
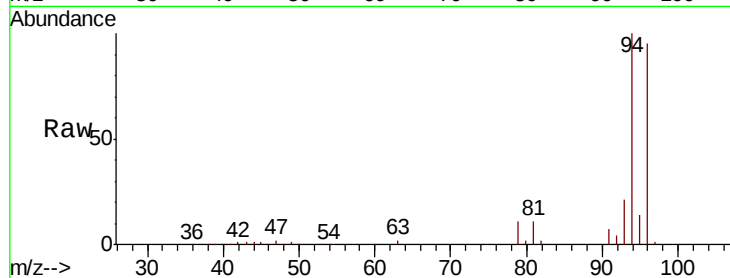




#5
Bromomethane
Concen: 120.882 ug/l
RT: 2.52 min Scan# 231
Delta R.T. -0.02 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

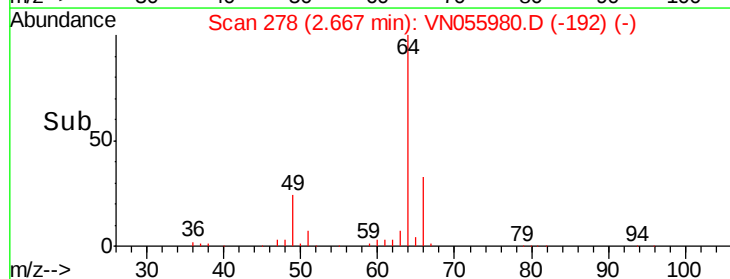
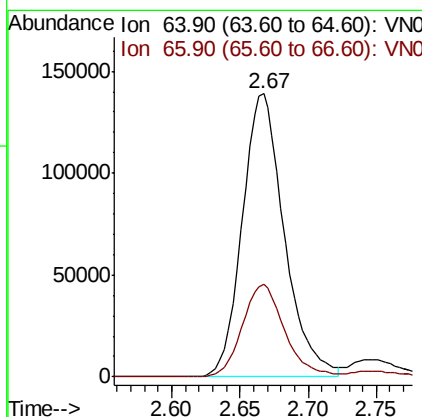
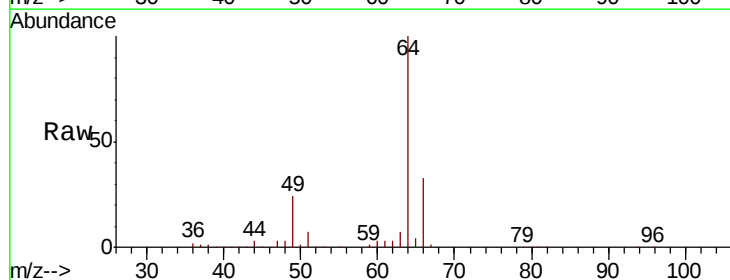
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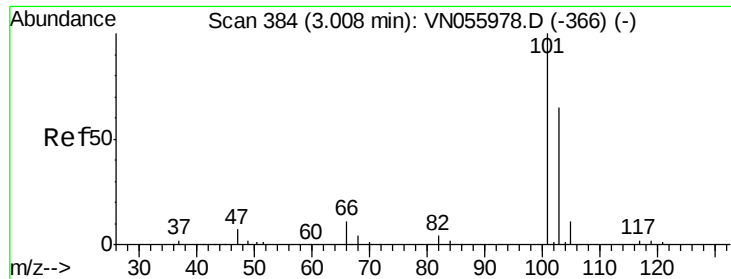
Tot Ion: 94 Resp: 270761
Ion Ratio Lower Upper
94 100
96 95.1 75.5 113.3



#6
Chloroethane
Concen: 144.389 ug/l
RT: 2.67 min Scan# 278
Delta R.T. -0.02 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 64 Resp: 296845
Ion Ratio Lower Upper
64 100
66 32.5 25.4 38.0



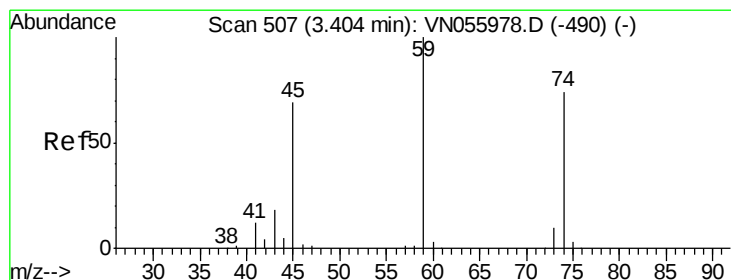
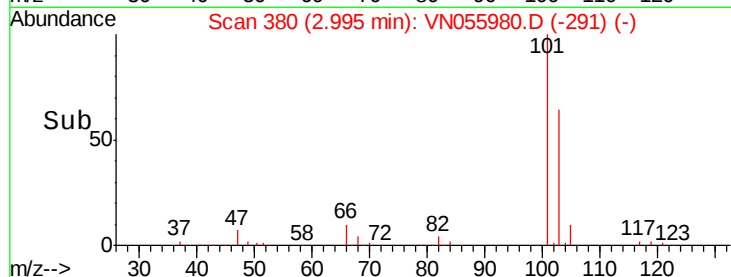
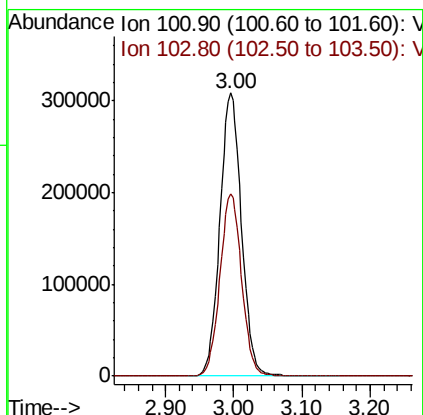
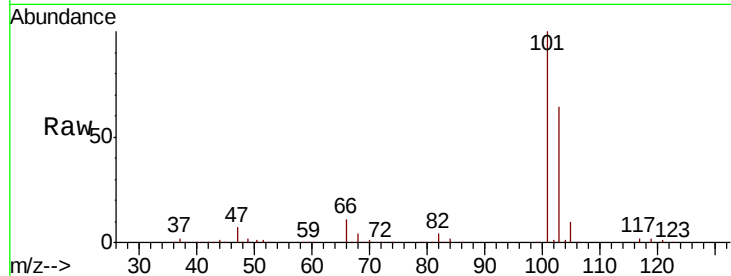


#7

Trichlorofluoromethane
 Concen: 149.675 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. -0.01 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Instrument :
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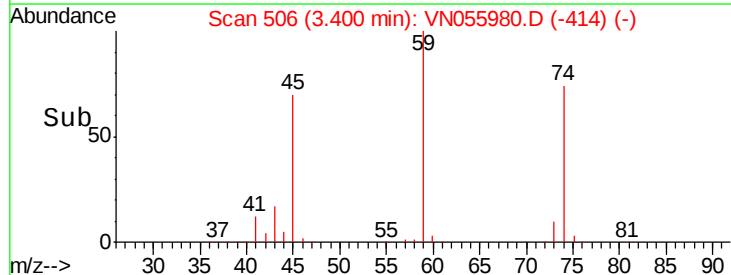
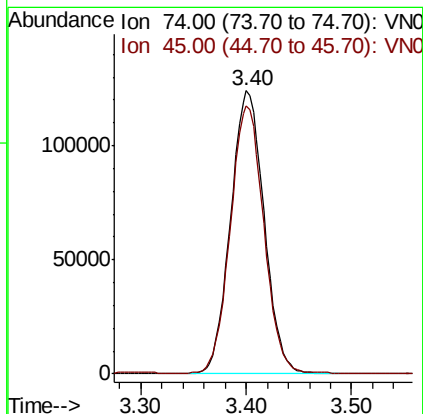
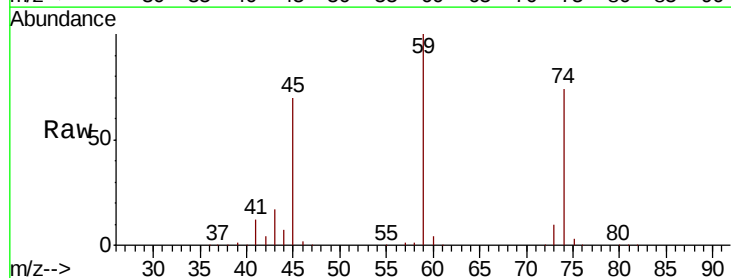
Tot Ion:101 Resp: 677530
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.2 76.8

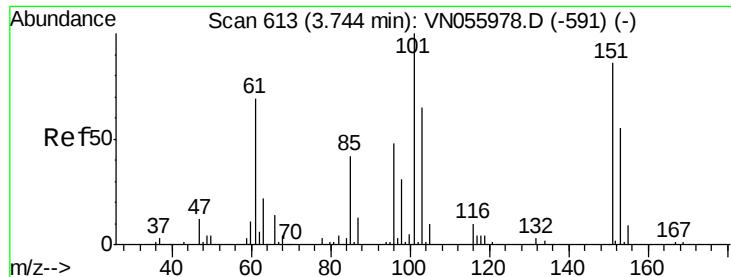


#8

Diethyl Ether
 Concen: 146.622 ug/l
 RT: 3.40 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion: 74 Resp: 272940
 Ion Ratio Lower Upper
 74 100
 45 95.6 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 149.809 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

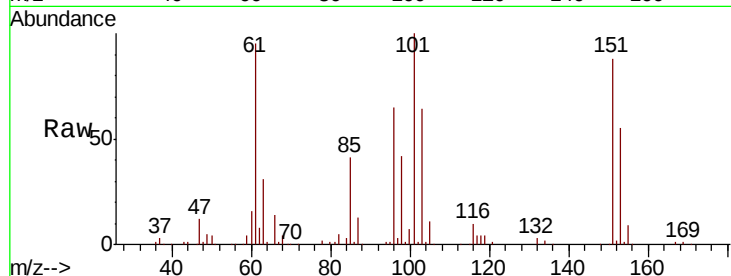
Tot Ion:101 Resp: 411937

Ion Ratio Lower Upper

101 100

85 41.3 33.4 50.2

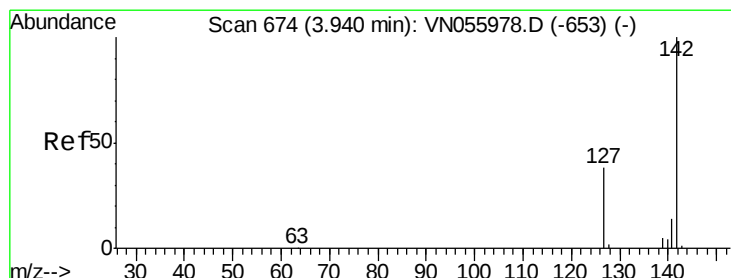
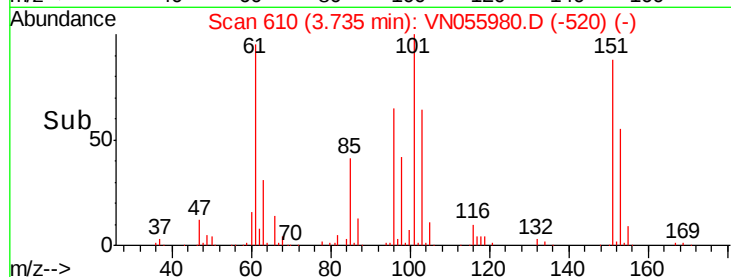
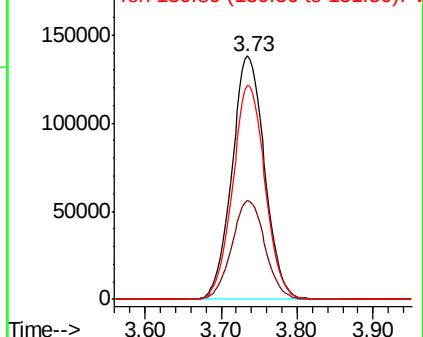
151 87.3 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 156.011 ug/l

RT: 3.93 min Scan# 672

Delta R.T. -0.01 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

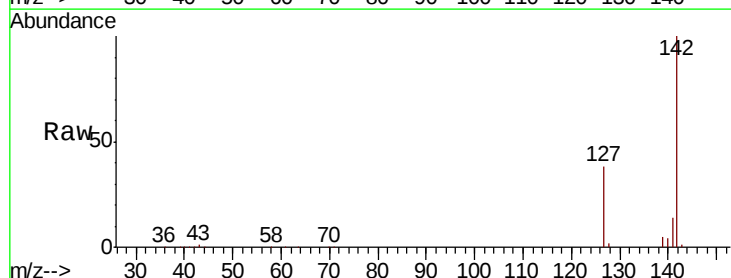
Tgt Ion:142 Resp: 681730

Ion Ratio Lower Upper

142 100

127 38.0 31.0 46.4

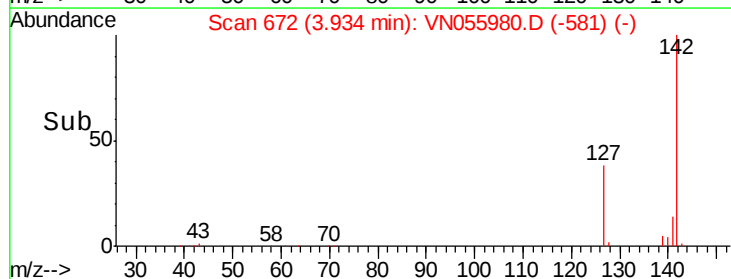
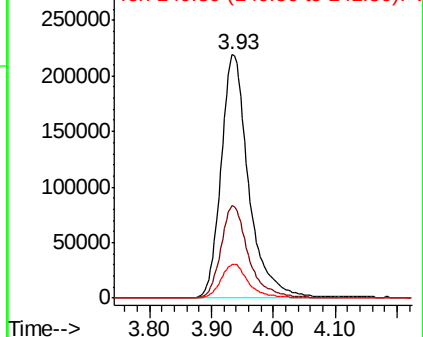
141 14.0 11.4 17.0

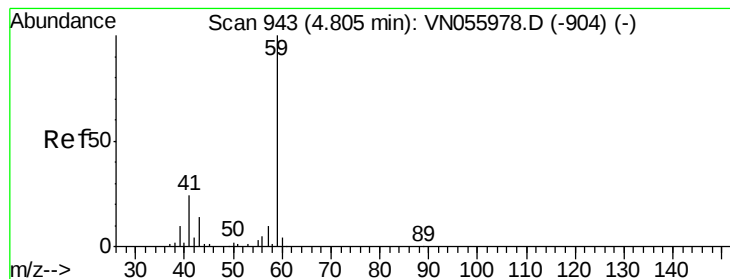


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



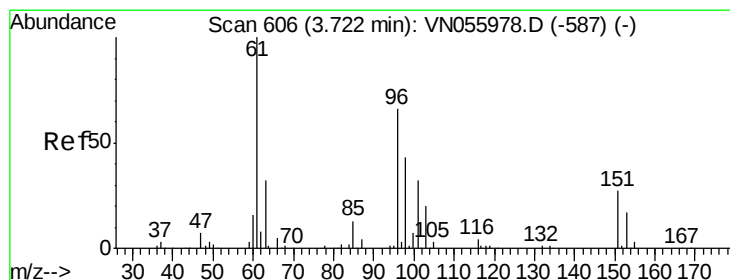
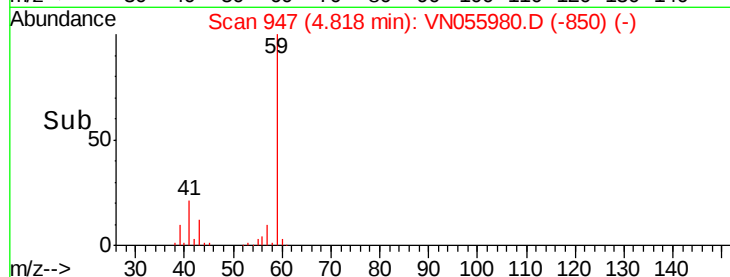
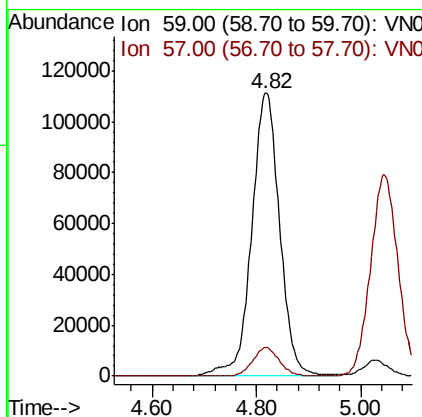
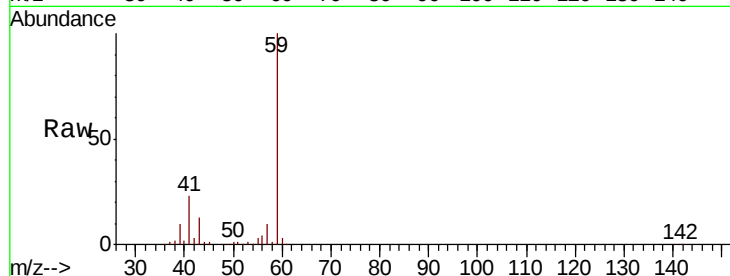


#11

Tert butyl alcohol
 Concen: 736.507 ug/l
 RT: 4.82 min Scan# 947
 Delta R.T. 0.01 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

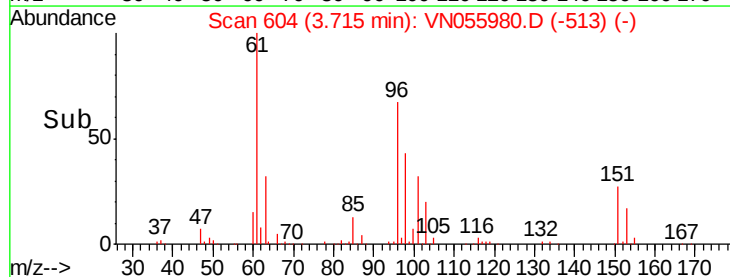
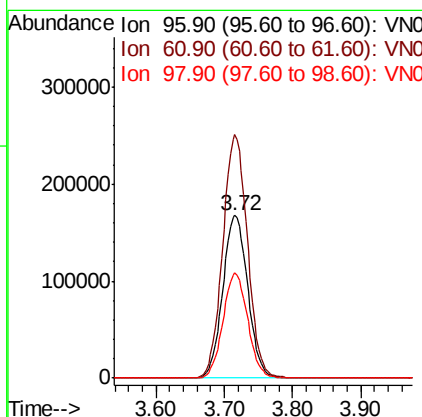
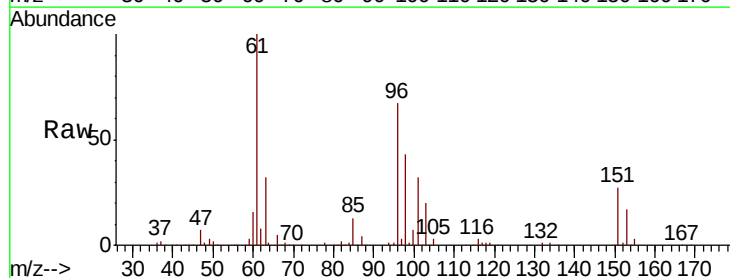
Tot Ion: 59 Resp: 414992
 Ion Ratio Lower Upper
 59 100
 57 9.6 7.8 11.6

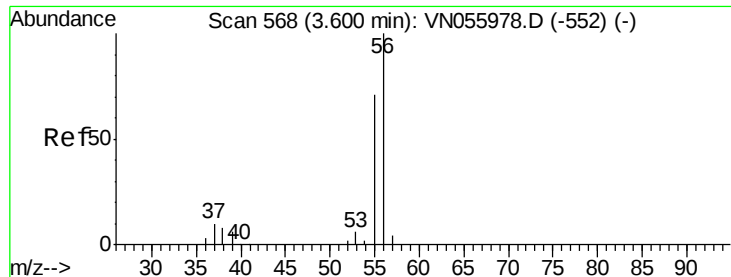


#12

1,1-Dichloroethene
 Concen: 155.701 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion: 96 Resp: 426238
 Ion Ratio Lower Upper
 96 100
 61 149.5 123.2 184.8
 98 64.4 50.4 75.6





#13

Acrolein

Concen: 762.452 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

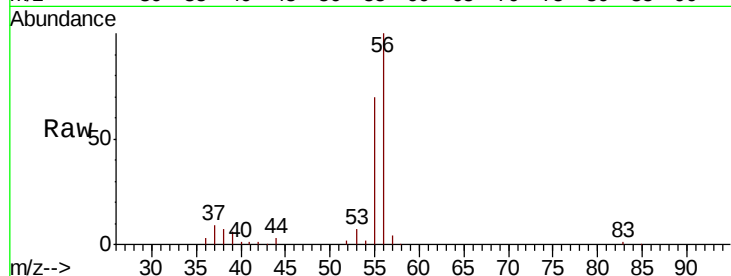
VSTDIC150

Tot Ion: 56 Resp: 123903

Ion Ratio Lower Upper

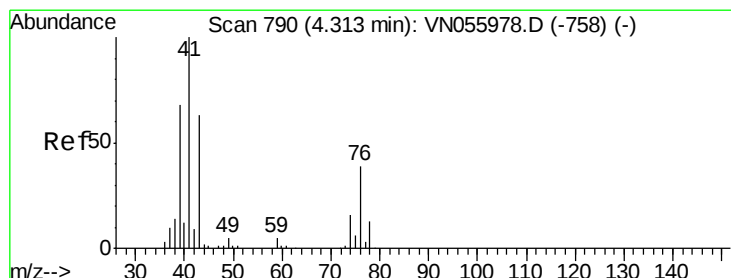
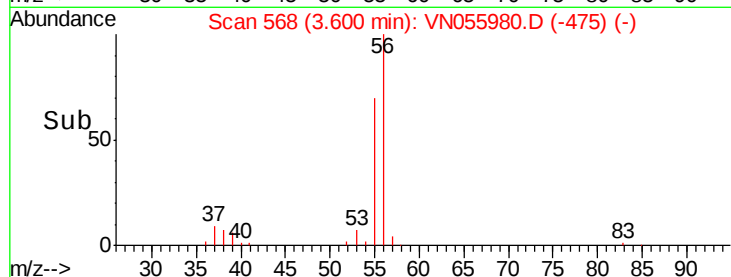
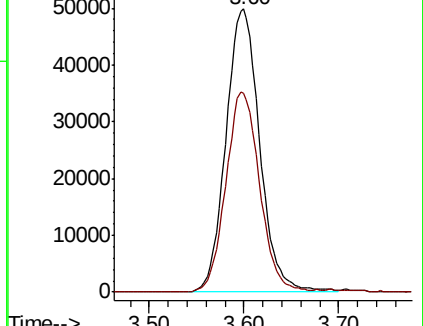
56 100

55 70.6 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN055978.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN055978.D (-552) (-)



#14

Allyl chloride

Concen: 157.873 ug/l

RT: 4.31 min Scan# 788

Delta R.T. -0.01 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

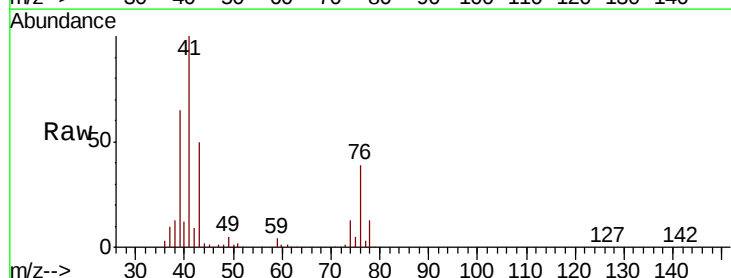
Tgt Ion: 41 Resp: 682440

Ion Ratio Lower Upper

41 100

39 61.8 50.0 75.0

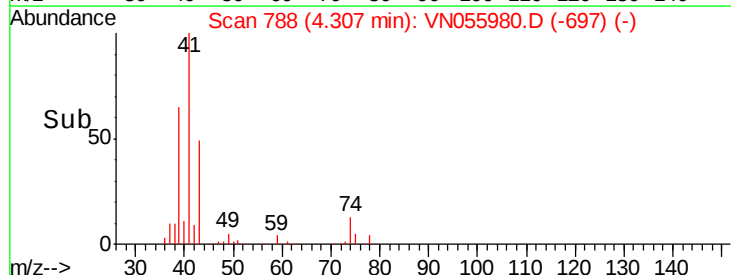
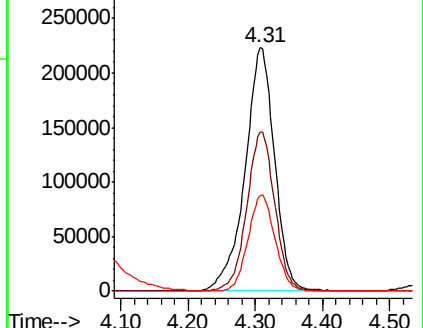
76 35.6 28.2 42.2

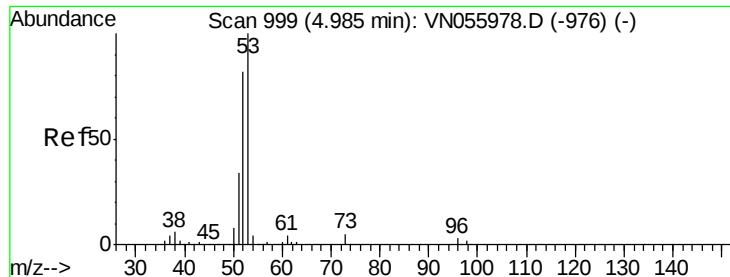


Abundance Ion 41.00 (40.70 to 41.70): VN055978.D (-758) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-758) (-)

Ion 75.90 (75.60 to 76.60): VN055978.D (-758) (-)





#15

Acrylonitrile

Concen: 796.618 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

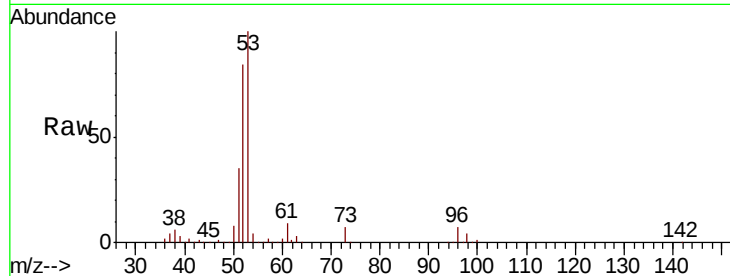
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1092657

Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.8	98.8
51	35.6	28.2	42.4

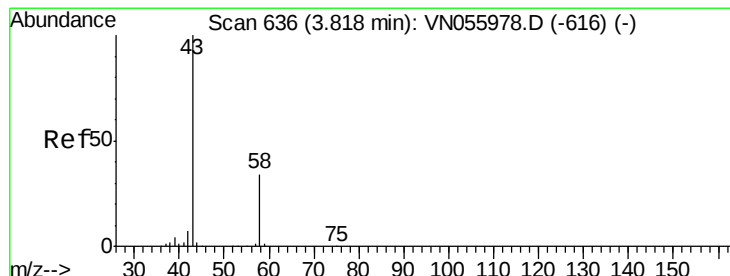
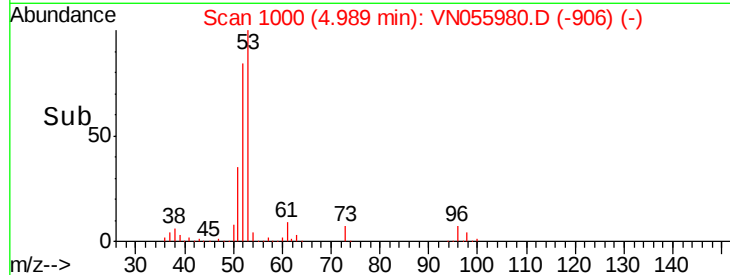


Abundance

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: 697.359 ug/l

RT: 3.82 min Scan# 636

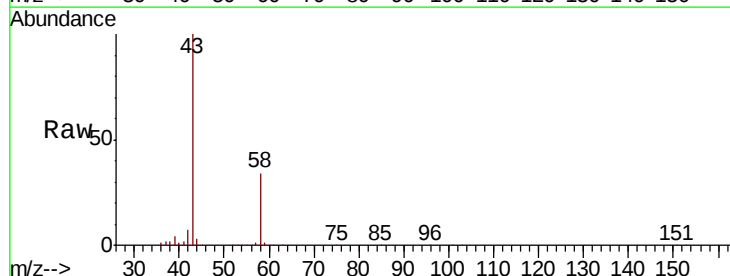
Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tgt Ion: 43 Resp: 1079910

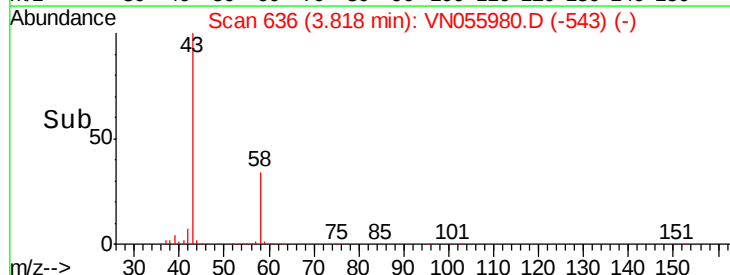
Ion	Ratio	Lower	Upper
43	100		
58	33.6	26.6	39.8

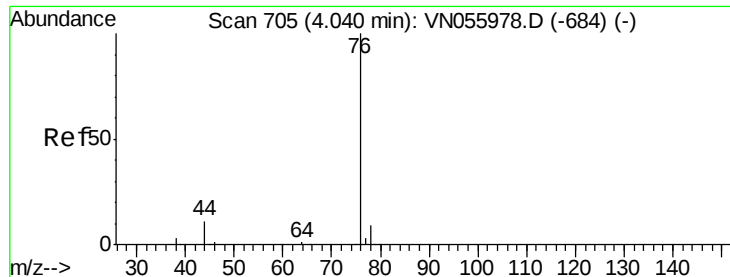


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

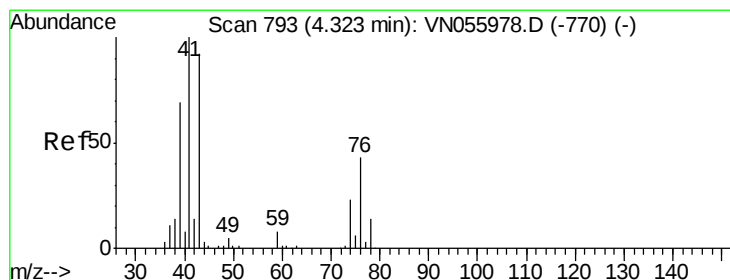
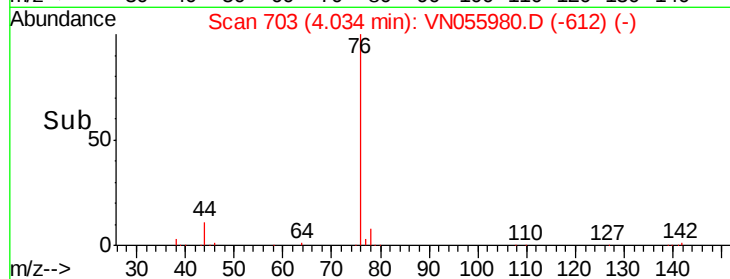
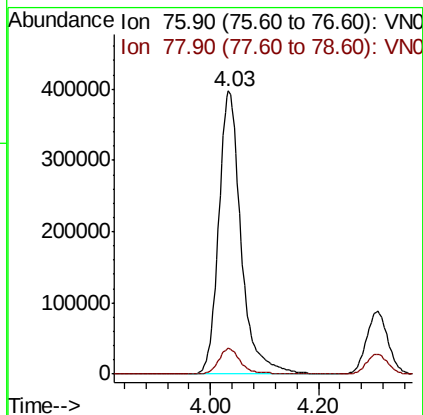
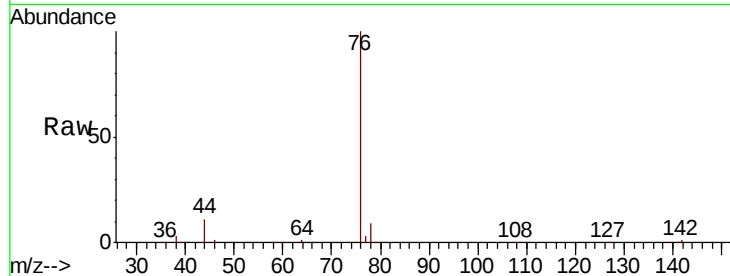




#17
Carbon Disulfide
Concen: 174.094 ug/l
RT: 4.03 min Scan# 703
Delta R.T. -0.01 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

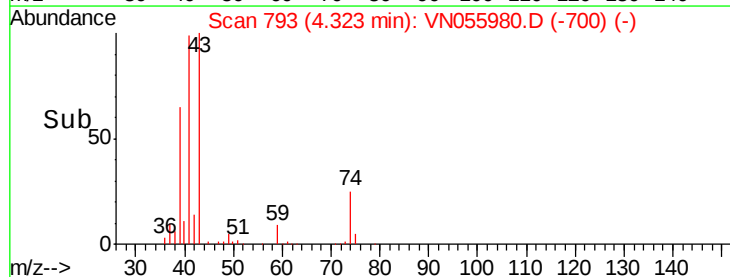
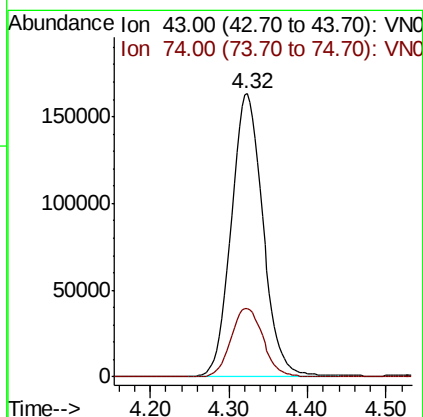
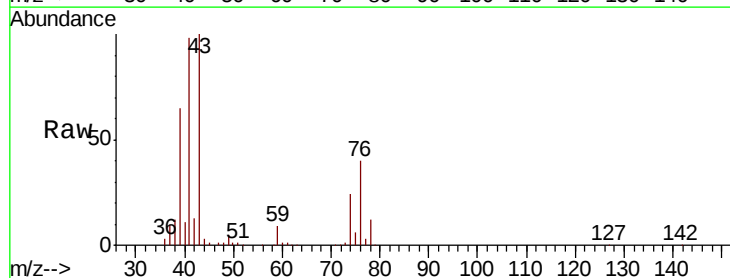
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

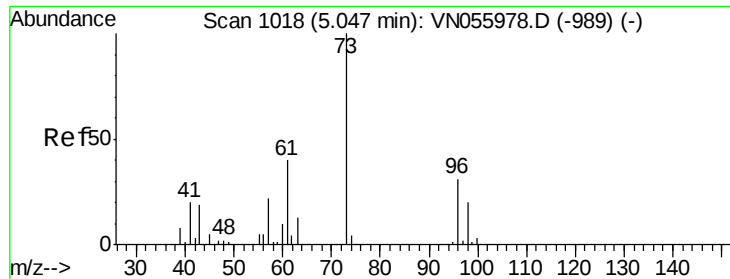
Tot Ion: 76 Resp: 1141123
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 150.713 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 43 Resp: 454902
Ion Ratio Lower Upper
43 100
74 25.1 19.3 28.9





#19

Methyl tert-butyl Ether
 Concen: 151.377 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

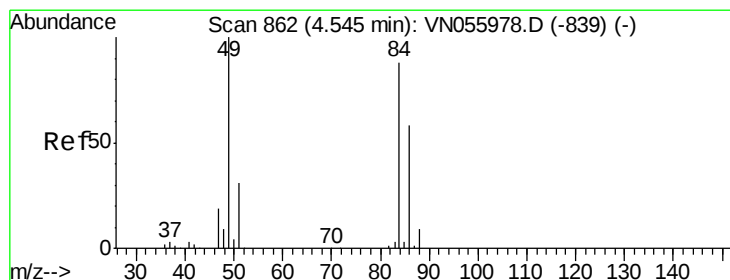
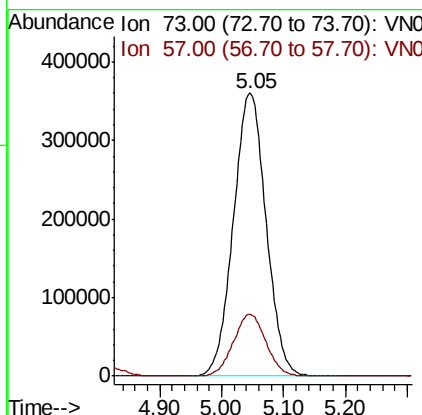
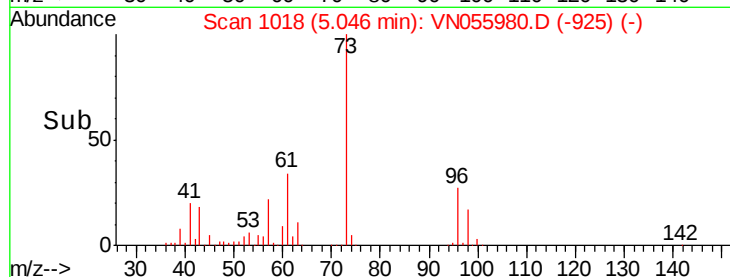
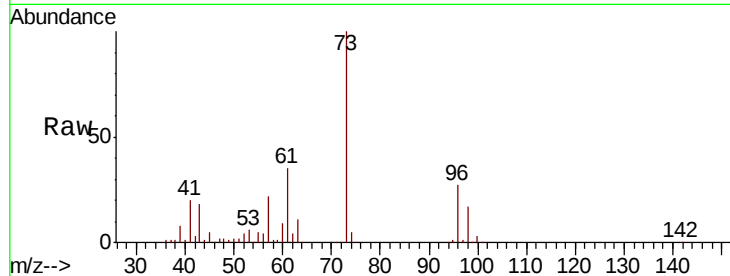
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 1320916

Ion Ratio Lower Upper

73 100

57 22.0 17.8 26.8



#20

Methylene Chloride
 Concen: 149.520 ug/l
 RT: 4.54 min Scan# 860
 Delta R.T. -0.01 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion: 84 Resp: 477033

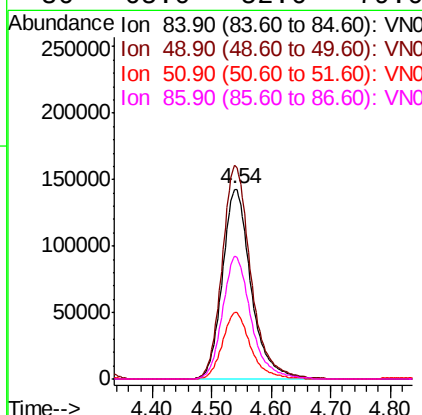
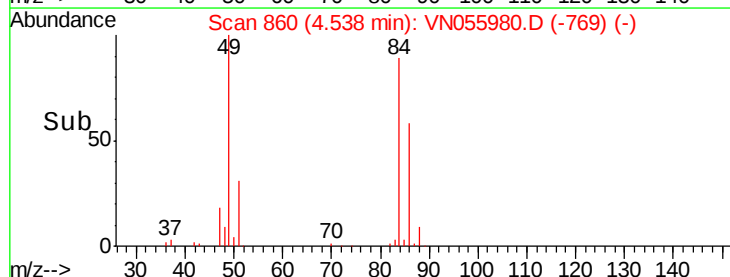
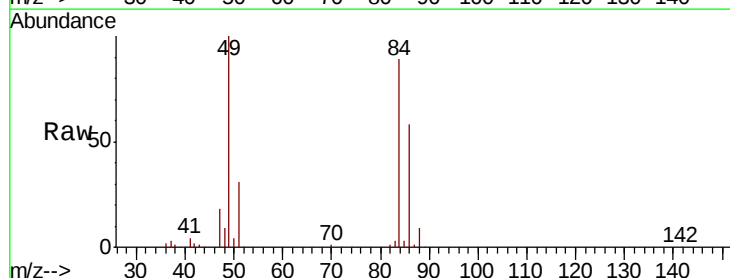
Ion Ratio Lower Upper

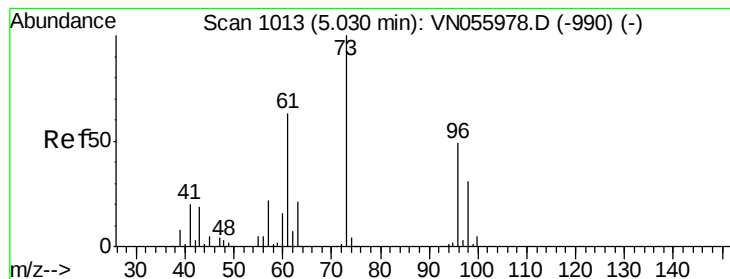
84 100

49 112.6 93.5 140.3

51 35.3 28.6 43.0

86 65.0 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 153.031 ug/l

RT: 5.03 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

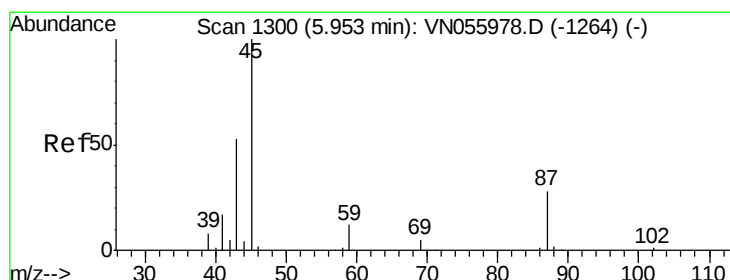
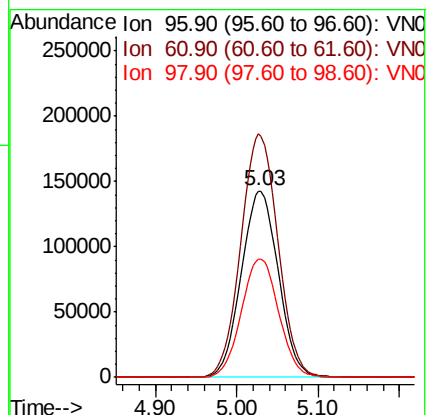
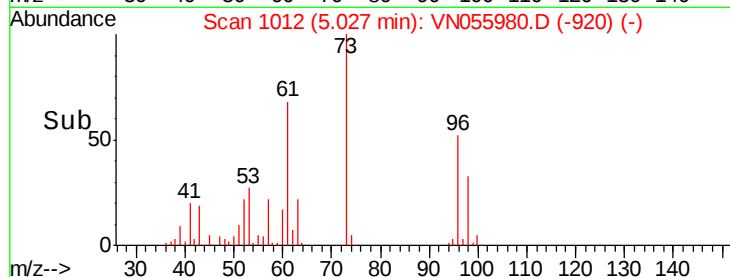
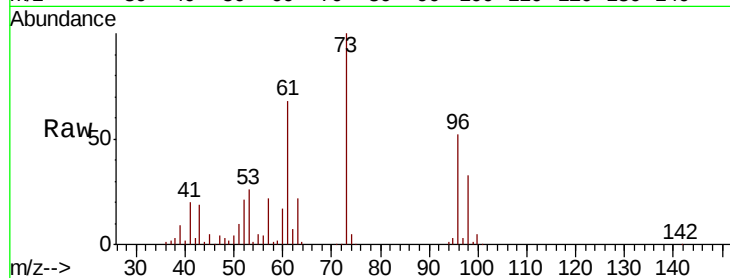
Tot Ion: 96 Resp: 448863

Ion Ratio Lower Upper

96 100

61 130.5 107.8 161.8

98 63.4 49.8 74.8



#22

Diisopropyl ether

Concen: 153.565 ug/l

RT: 5.95 min Scan# 1300

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tgt Ion: 45 Resp: 1372209

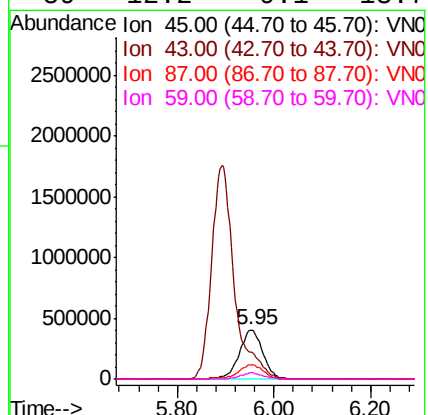
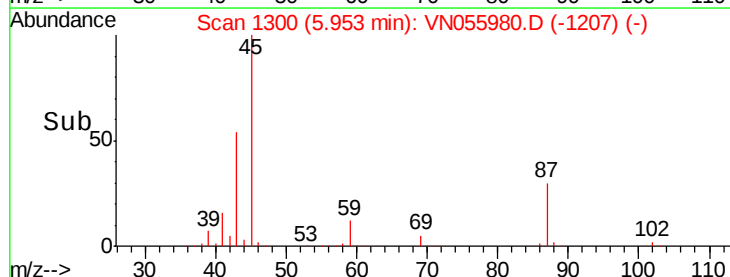
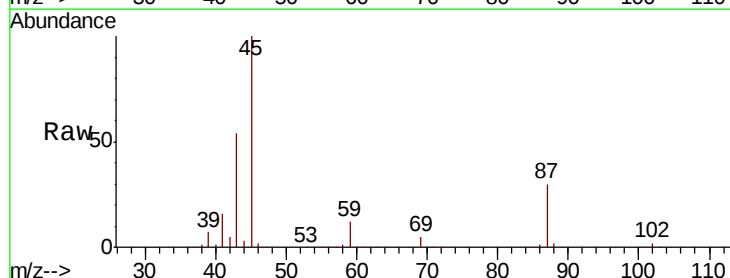
Ion Ratio Lower Upper

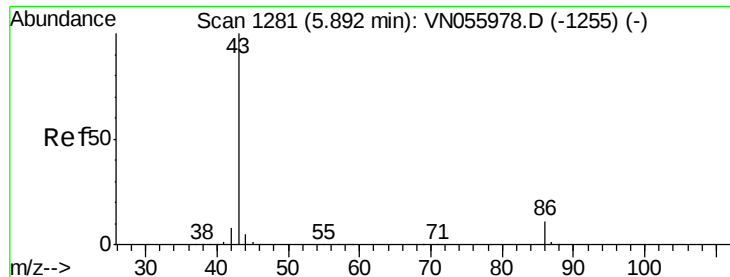
45 100

43 53.3 45.0 67.6

87 29.7 22.2 33.4

59 12.2 9.1 13.7





#23

Vinyl Acetate

Concen: 816.279 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

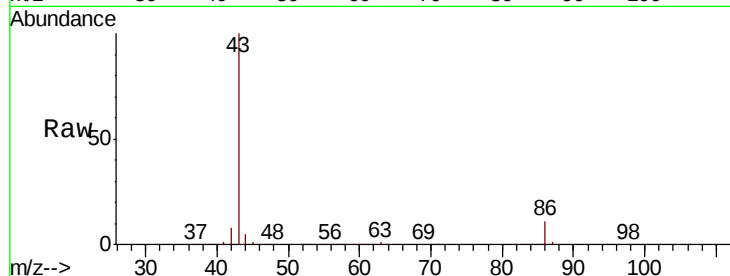
VSTDIC150

Tot Ion: 43 Resp: 5744048

Ion Ratio Lower Upper

43 100

86 11.3 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055980.D (-1188) (-)

Ion 86.00 (85.70 to 86.70): VN055980.D (-1188) (-)

5.89

2000000

1500000

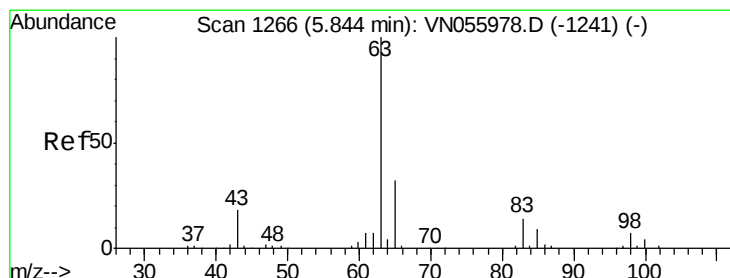
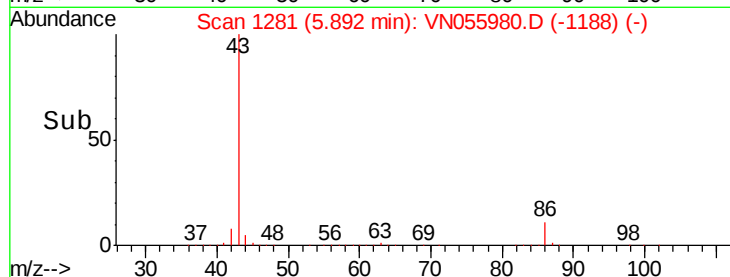
1000000

500000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 150.732 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

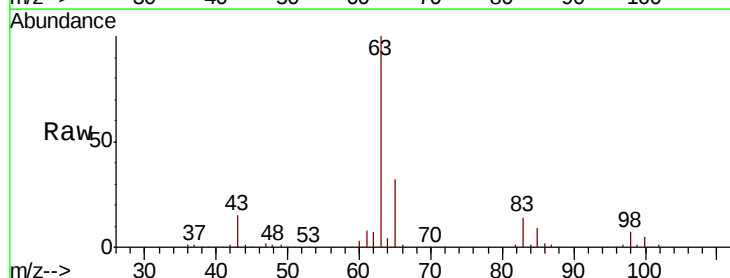
Tgt Ion: 63 Resp: 776939

Ion Ratio Lower Upper

63 100

98 7.0 3.4 10.1

100 4.5 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN055980.D (-1173) (-)

Ion 97.90 (97.60 to 98.60): VN055980.D (-1173) (-)

Ion 99.90 (99.60 to 100.60): VN055980.D (-1173) (-)

5.84

300000

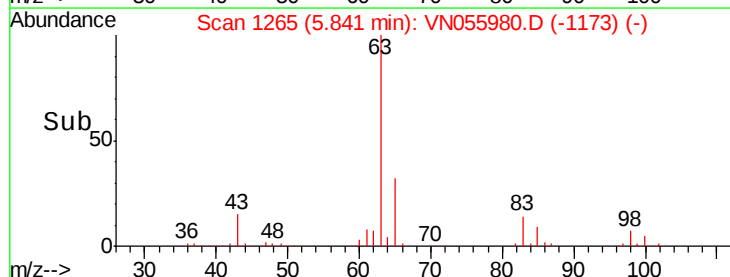
200000

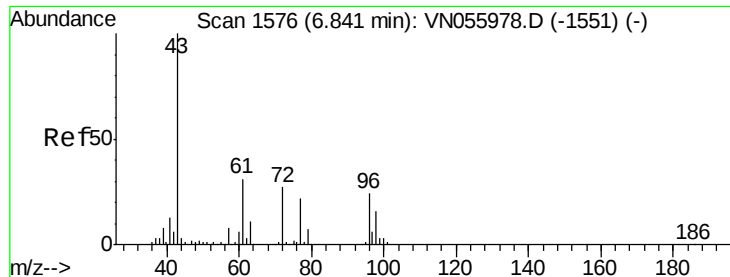
100000

0

Time-->

5.70 5.80 5.90 6.00

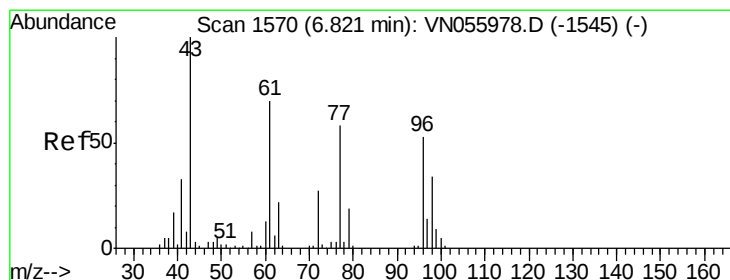
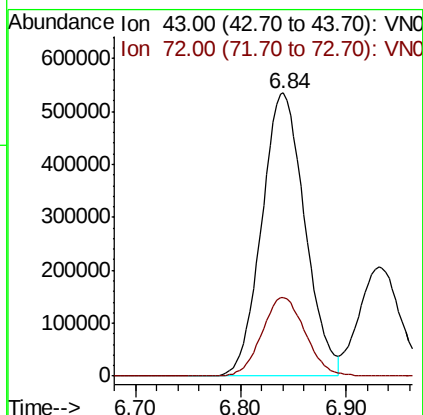
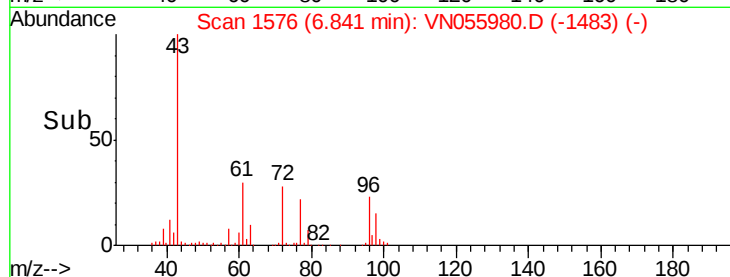
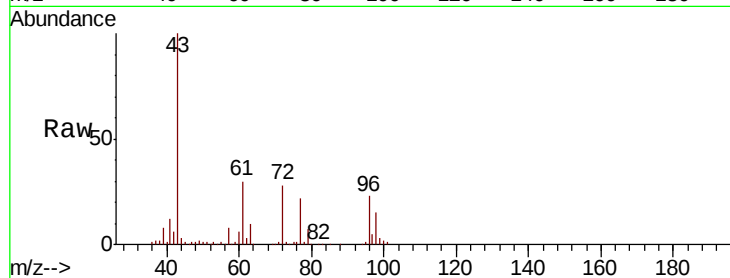




#25
2-Butanone
Concen: 774.962 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

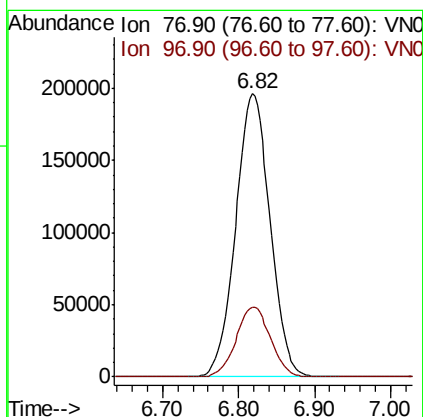
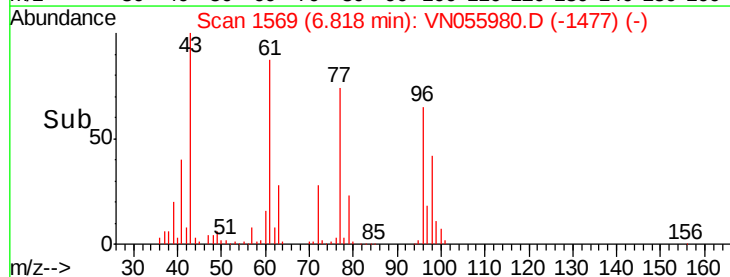
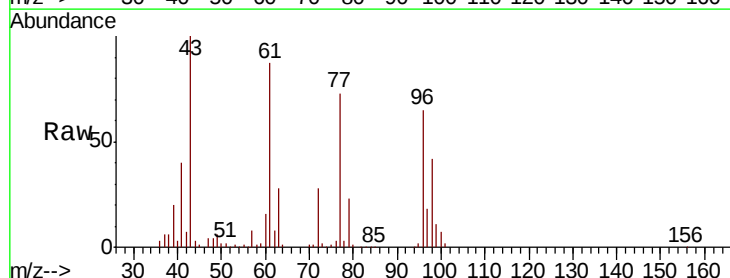
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

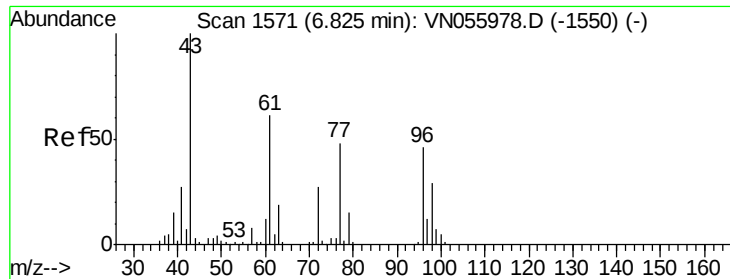
Tot Ion: 43 Resp: 1516269
Ion Ratio Lower Upper
43 100
72 27.8 21.9 32.9



#26
2,2-Dichloropropane
Concen: 153.076 ug/l
RT: 6.82 min Scan# 1569
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 77 Resp: 615687
Ion Ratio Lower Upper
77 100
97 24.7 12.2 36.6

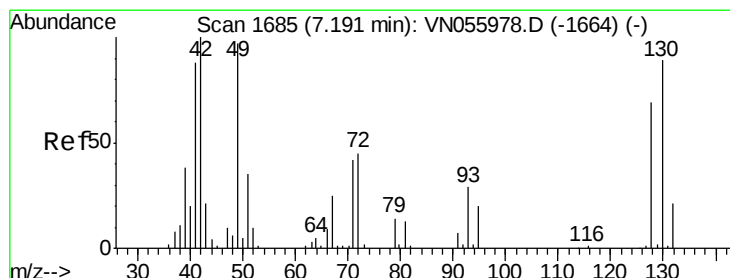
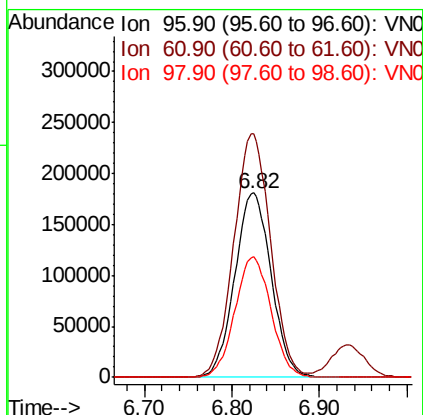
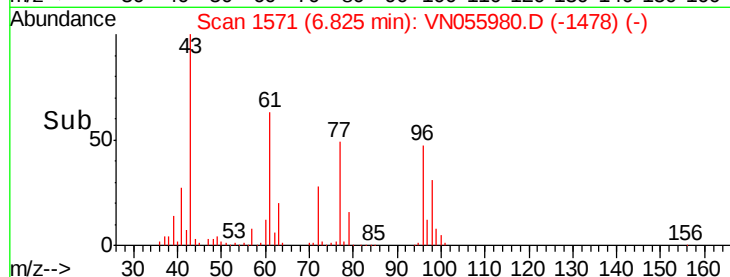
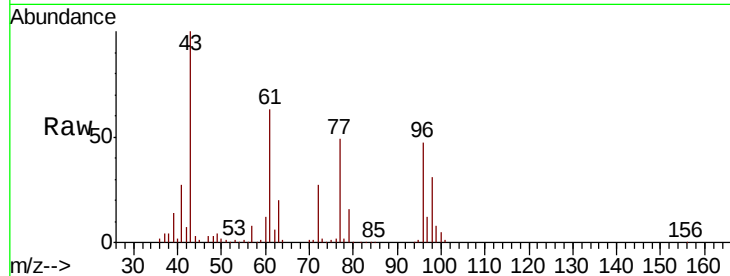




#27
 cis-1,2-Dichloroethene
 Concen: 151.618 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

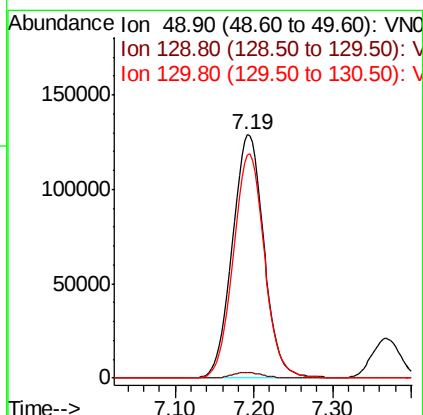
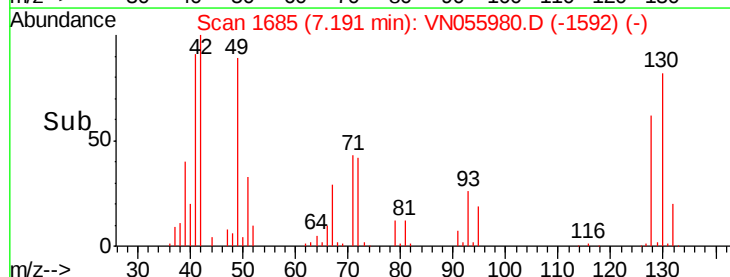
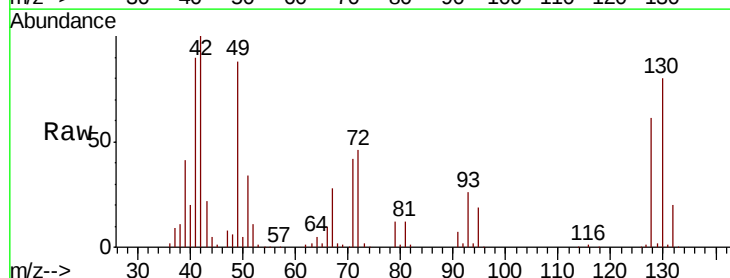
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

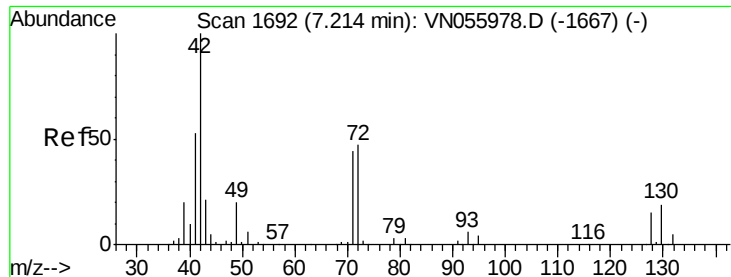
Tot Ion: 96 Resp: 522754
 Ion Ratio Lower Upper
 96 100
 61 133.6 0.0 275.8
 98 65.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 148.468 ug/l
 RT: 7.19 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion: 49 Resp: 361897
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.4
 130 90.9 71.2 106.8

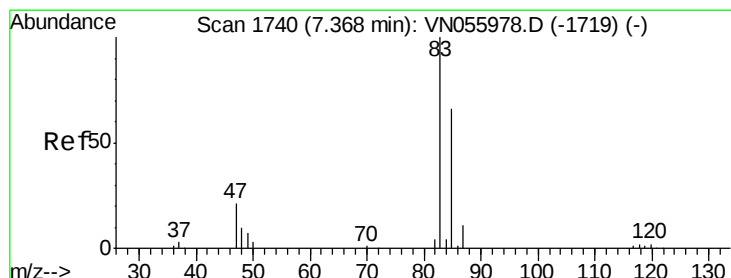
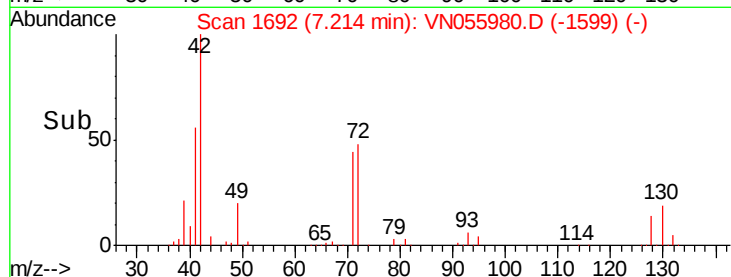
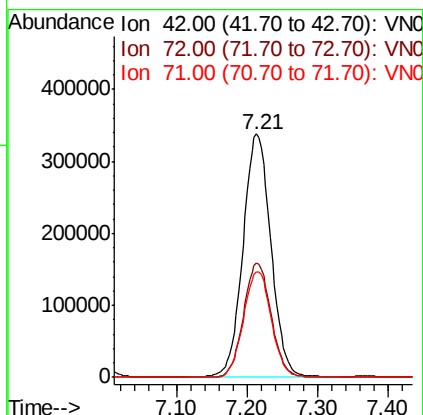
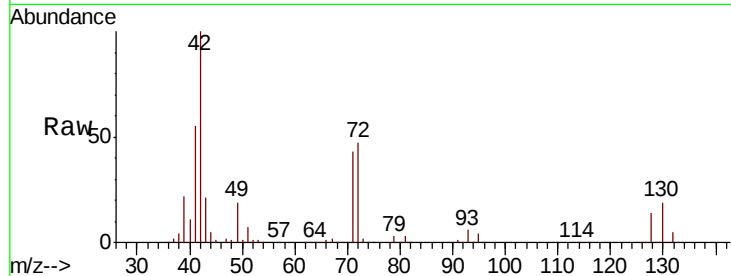




#29
Tetrahydrofuran
Concen: 770.026 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

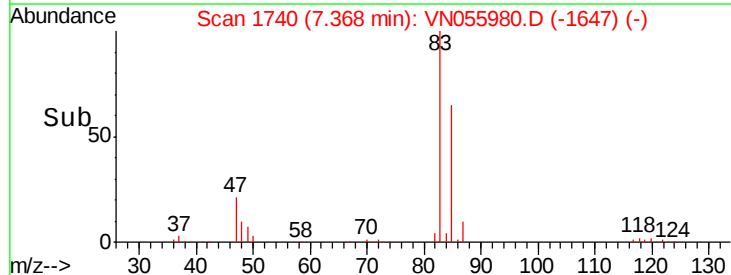
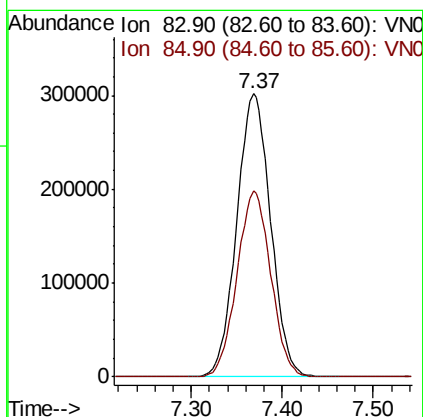
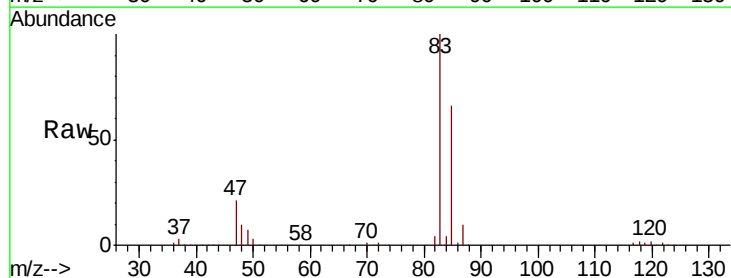
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

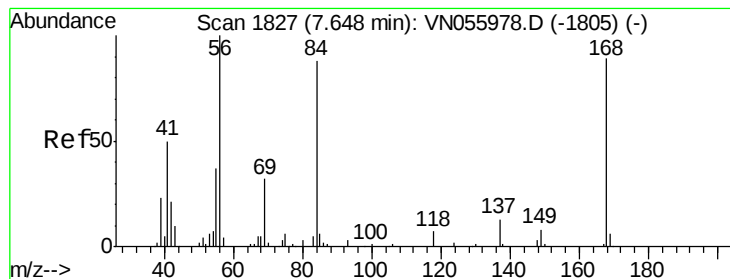
Tot Ion: 42 Resp: 931296
Ion Ratio Lower Upper
42 100
72 46.5 35.9 53.9
71 43.3 34.0 51.0



#30
Chloroform
Concen: 150.374 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 83 Resp: 779720
Ion Ratio Lower Upper
83 100
85 65.5 51.8 77.8





#31

Cyclohexane

Concen: 143.125 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

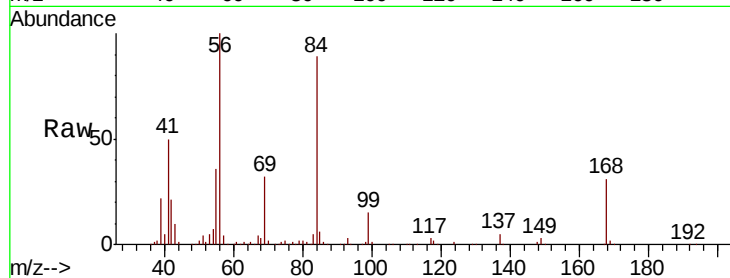
Tot Ion: 56 Resp: 735353

Ion Ratio Lower Upper

56 100

69 31.9 25.6 38.4

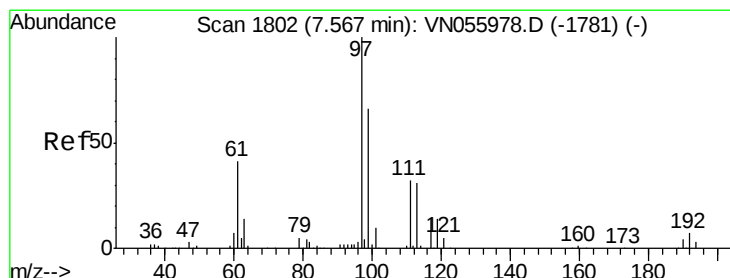
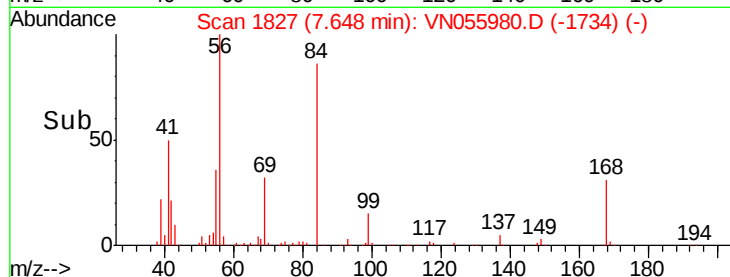
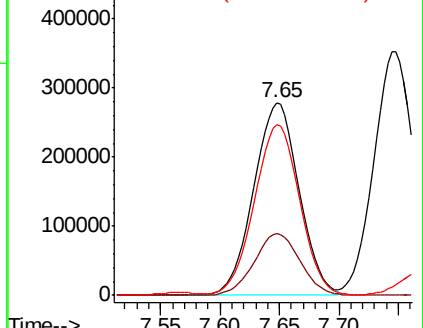
84 87.5 67.4 101.0



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: 156.949 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

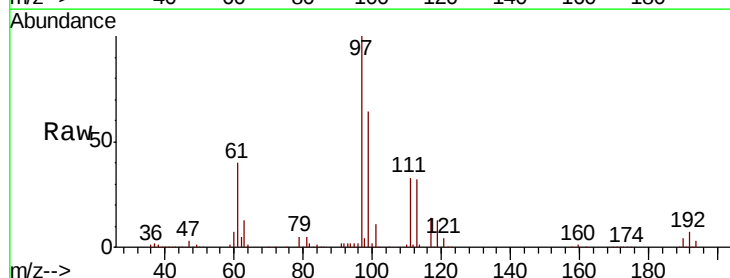
Tgt Ion: 97 Resp: 679585

Ion Ratio Lower Upper

97 100

99 64.5 52.0 78.0

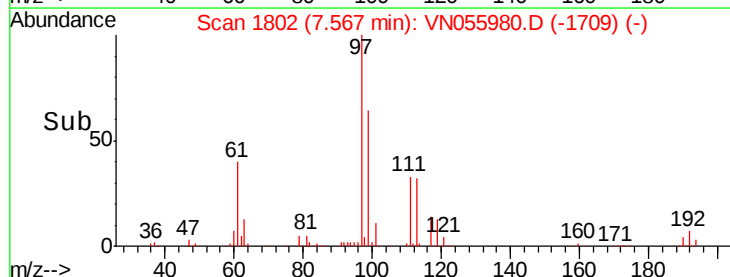
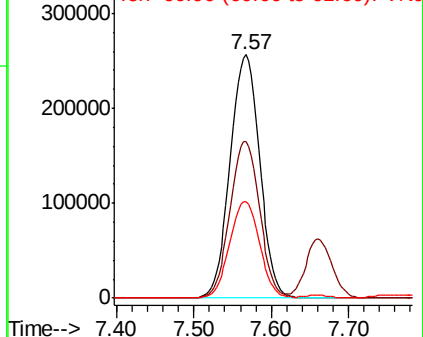
61 40.3 32.9 49.3

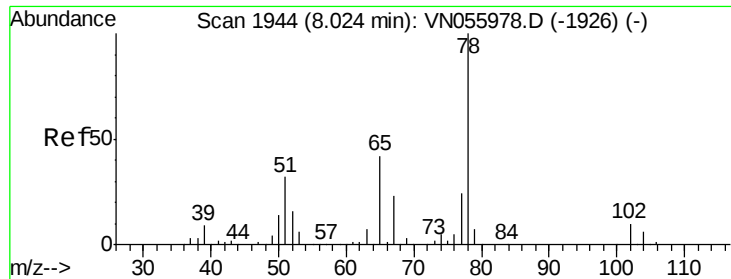


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

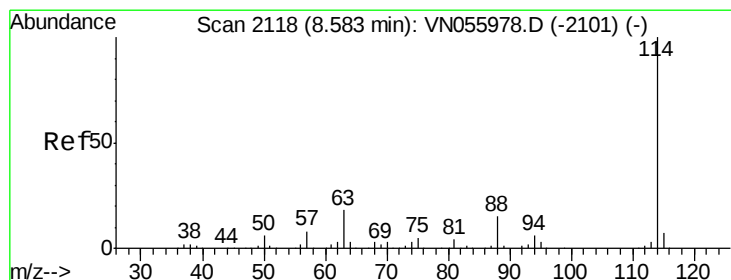
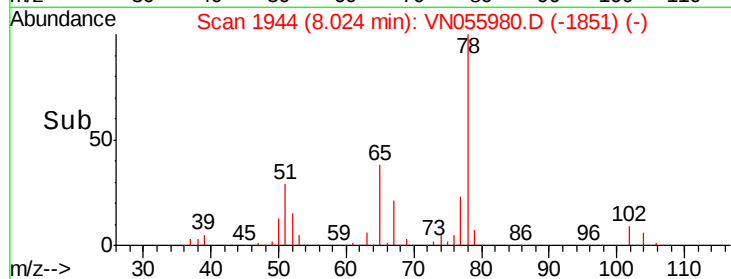
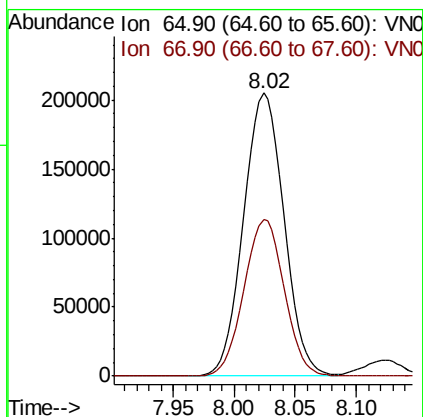
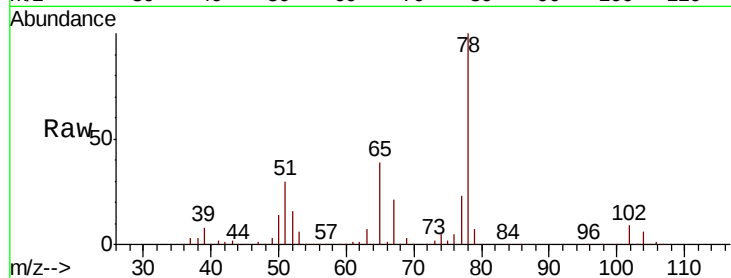




#33
 1,2-Dichloroethane-d4
 Concen: 145.480 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

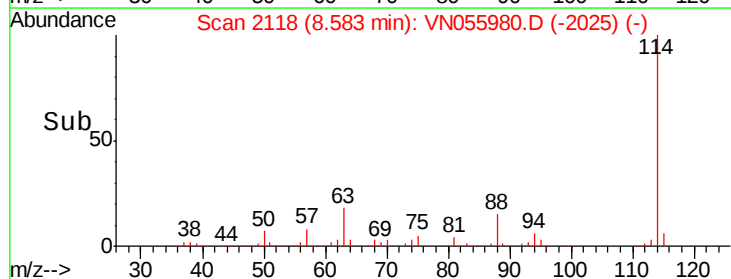
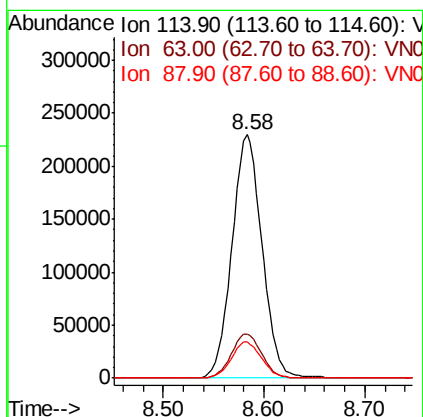
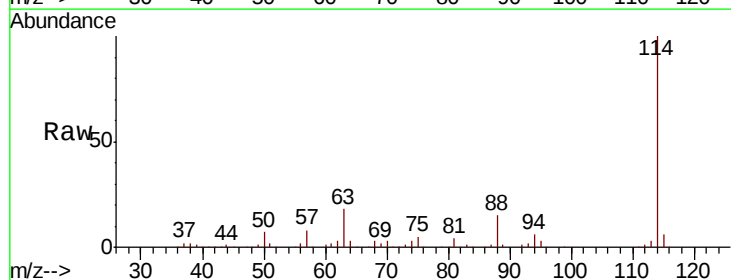
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

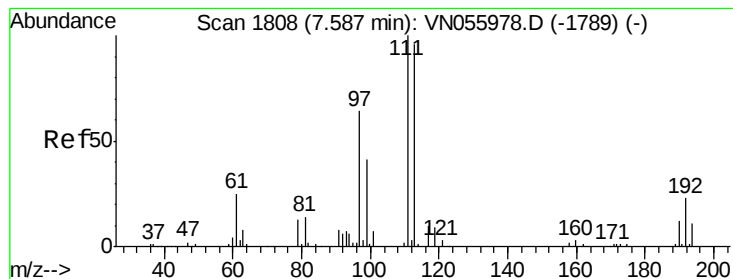
Tot Ion: 65 Resp: 471044
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion: 114 Resp: 476237
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.2
 88 14.6 0.0 31.0





#35

Dibromofluoromethane

Concen: 149.392 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

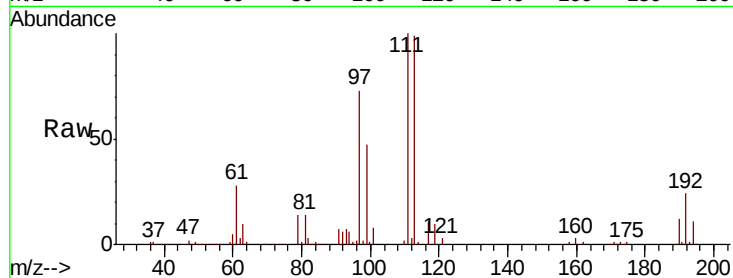
Tot Ion:113 Resp: 436503

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

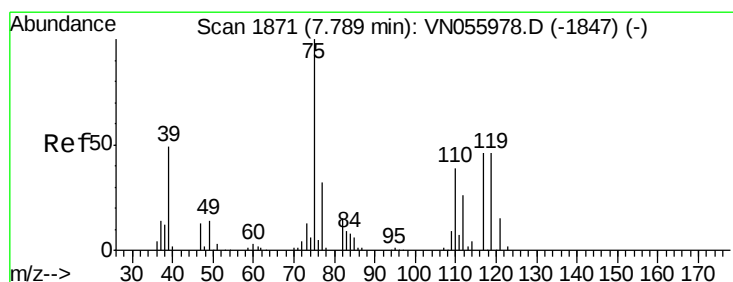
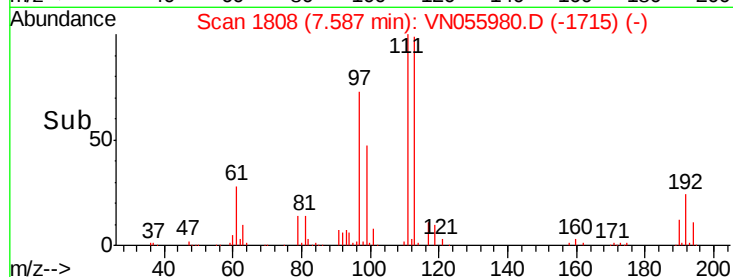
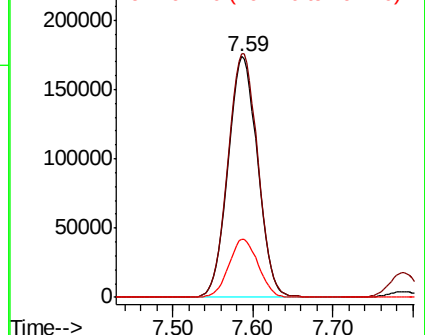
192 24.0 19.5 29.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 148.734 ug/l

RT: 7.79 min Scan# 1870

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

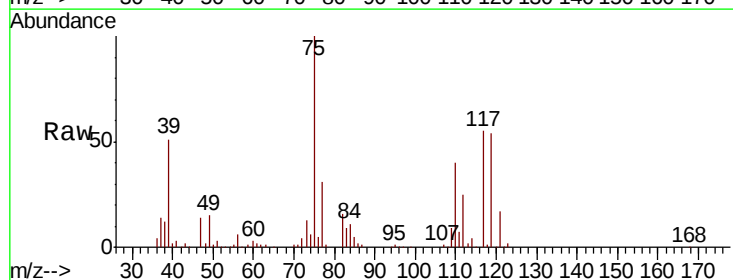
Tgt Ion: 75 Resp: 609062

Ion Ratio Lower Upper

75 100

110 38.5 19.0 57.0

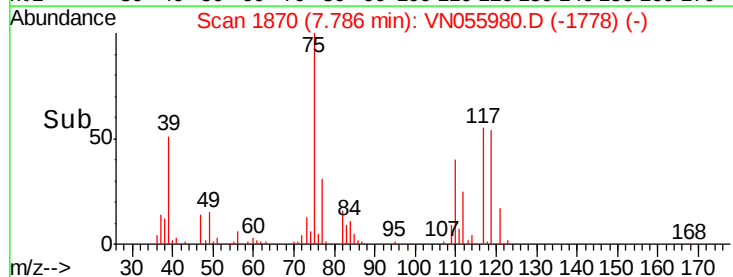
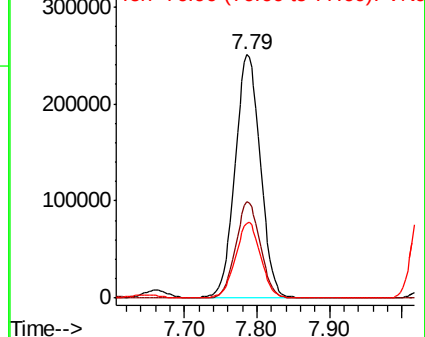
77 31.0 25.1 37.7

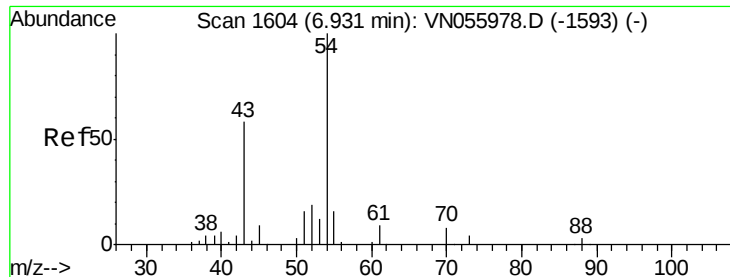


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

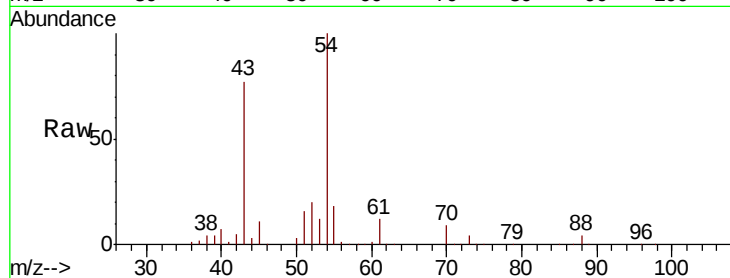




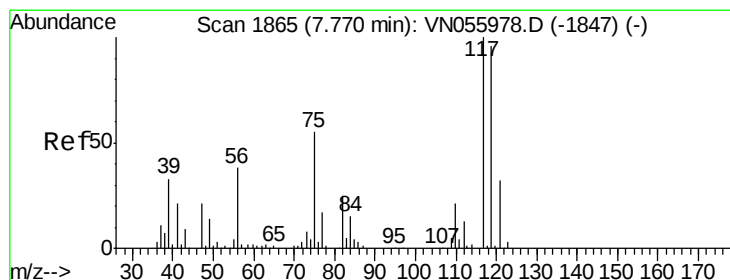
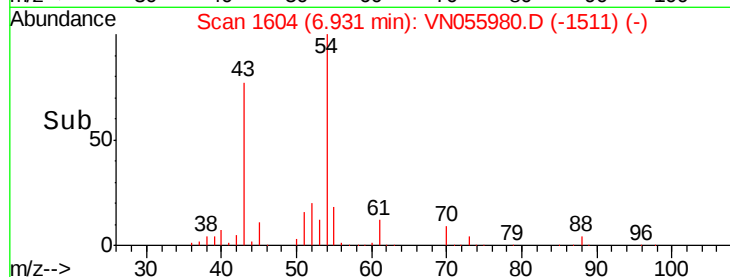
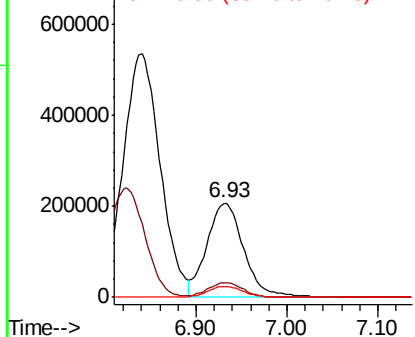
#37
Ethyl Acetate
Concen: 158.227 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 576508
Ion Ratio Lower Upper
43 100
61 14.9 12.2 18.2
70 11.3 8.9 13.3

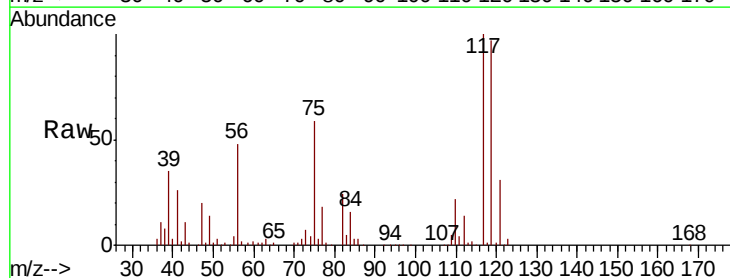


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

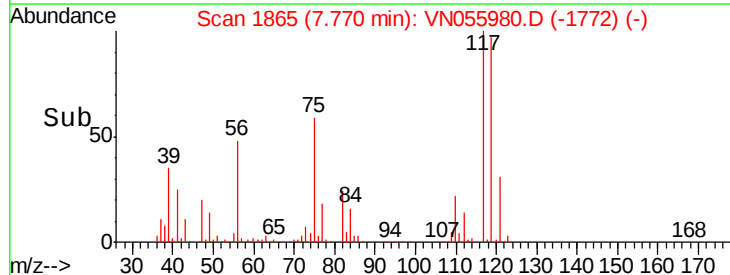
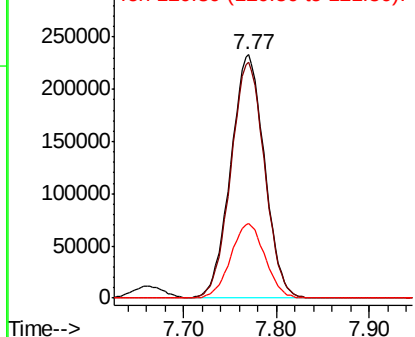


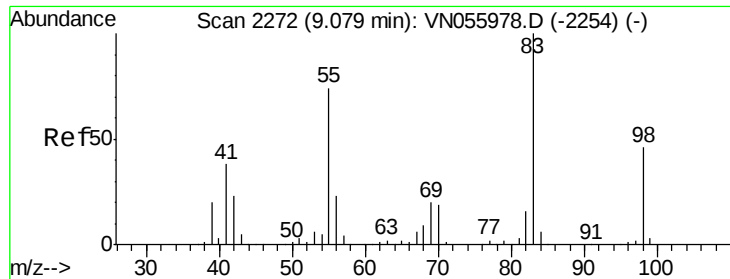
#38
Carbon Tetrachloride
Concen: 155.721 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 117 Resp: 587903
Ion Ratio Lower Upper
117 100
119 96.8 79.0 118.6
121 30.7 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

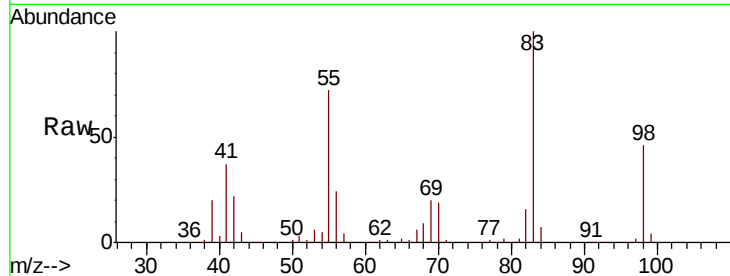




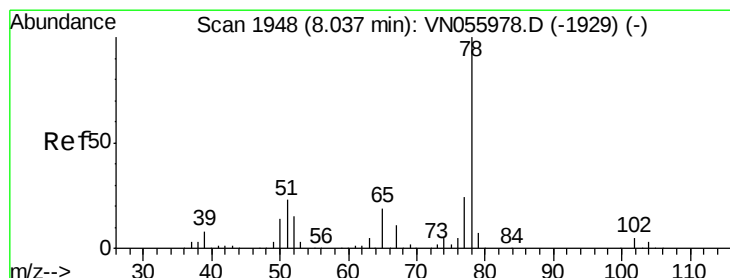
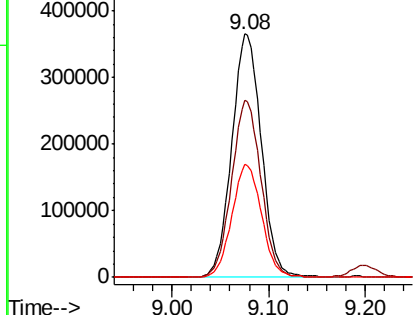
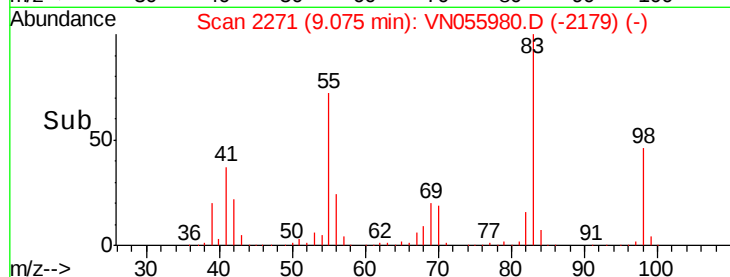
#39
Methvlcvclohexane
Concen: 152.404 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 777438
Ion Ratio Lower Upper
83 100
55 72.5 59.3 88.9
98 46.3 36.6 54.8

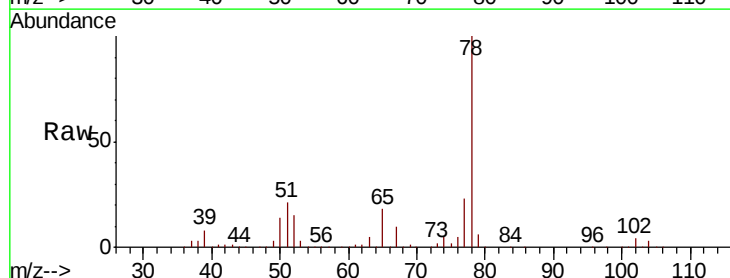


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

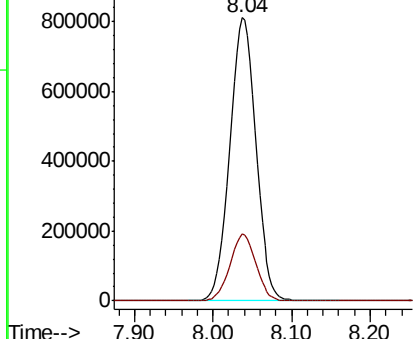
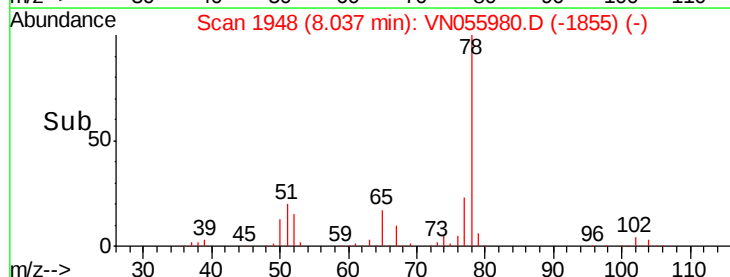


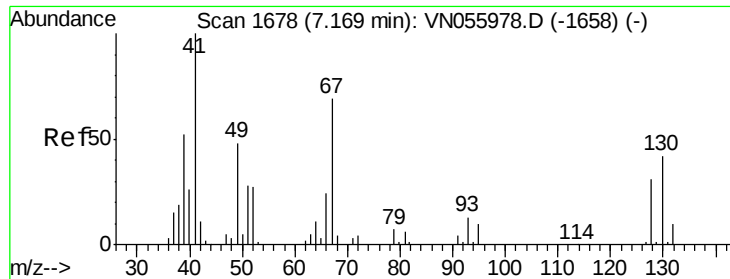
#40
Benzene
Concen: 150.474 ug/l
RT: 8.04 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 78 Resp: 1871495
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2



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

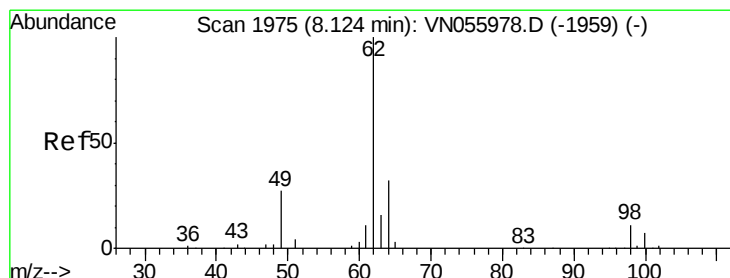
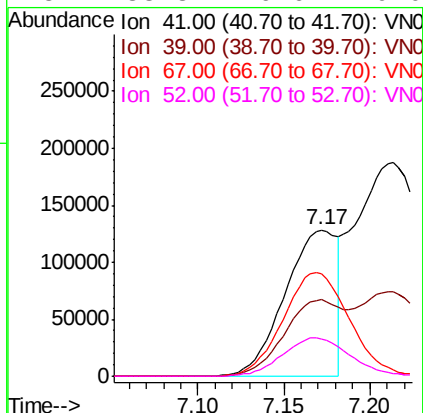
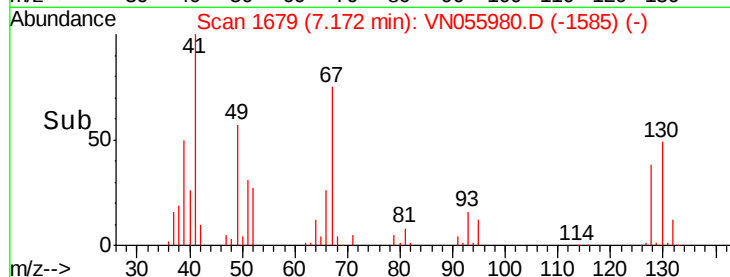
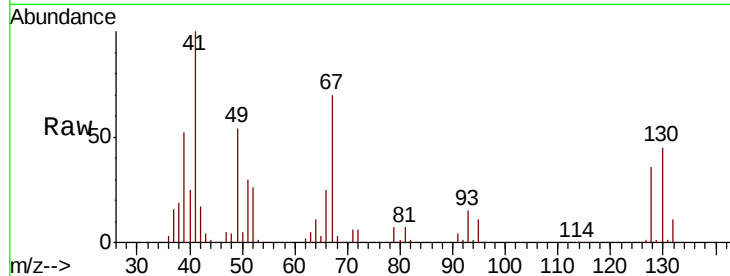




#41
Methacrylonitrile
Concen: 161.746 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

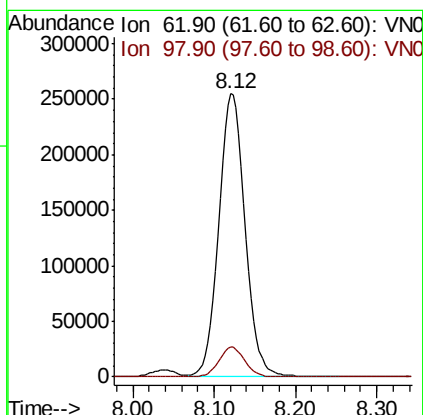
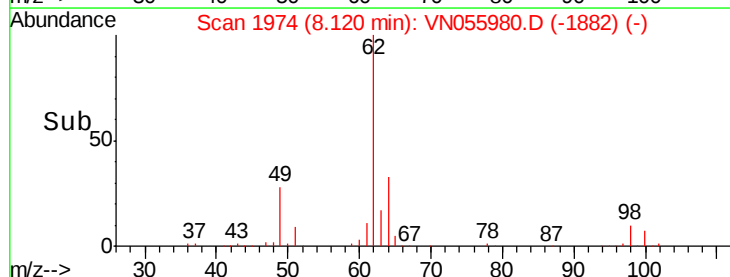
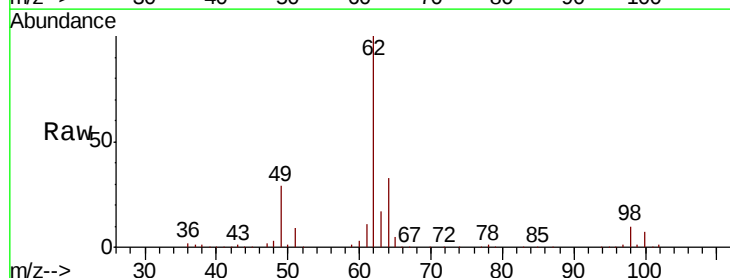
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

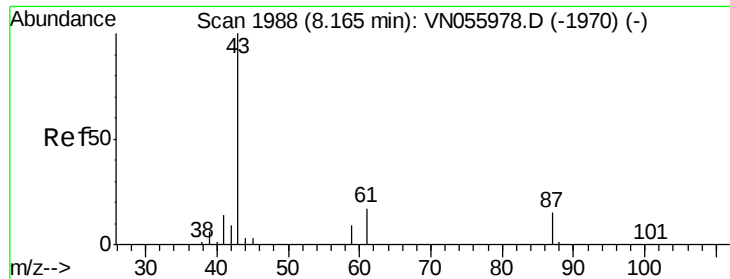
Tot Ion: 41 Resp: 271146
Ion Ratio Lower Upper
41 100
39 60.5 45.6 68.4
67 90.7 67.7 101.5
52 33.3 26.6 40.0



#42
1,2-Dichloroethane
Concen: 145.061 ug/l
RT: 8.12 min Scan# 1974
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 62 Resp: 580342
Ion Ratio Lower Upper
62 100
98 10.4 0.0 20.2





#43

Isopropyl Acetate

Concen: 161.654 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

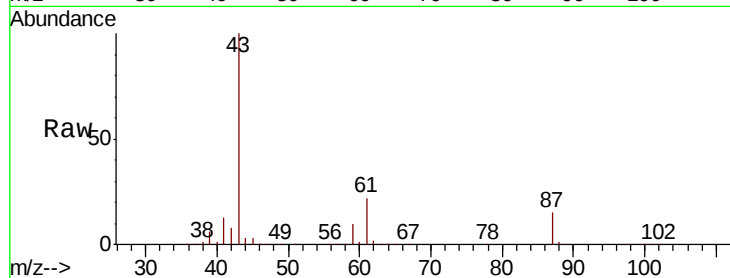
Tot Ion: 43 Resp: 954440

Ion Ratio Lower Upper

43 100

61 21.8 22.2 33.4#

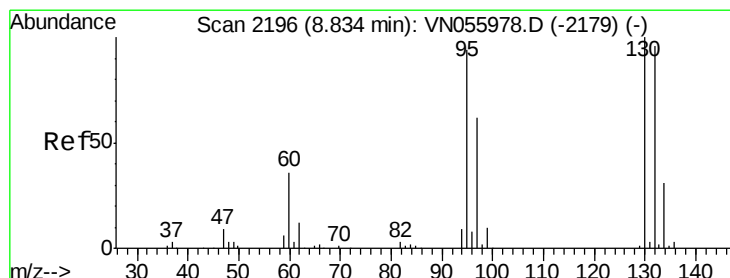
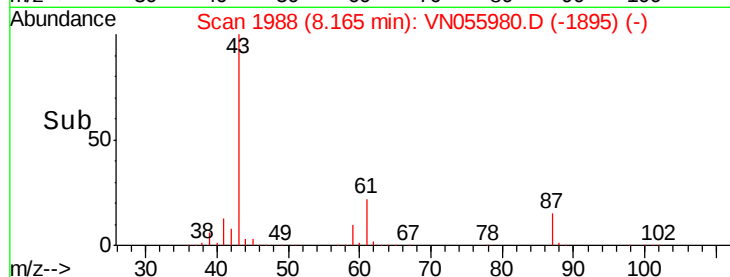
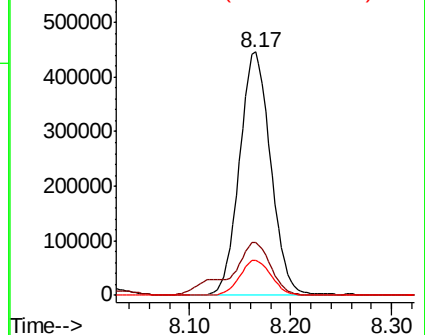
87 14.6 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055980.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN055980.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN055980.D (-2103) (-)



#44

Trichloroethene

Concen: 150.457 ug/l

RT: 8.83 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN055980.D

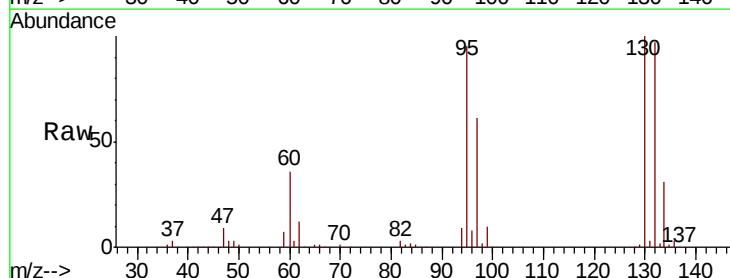
Acq: 4 Jun 2019 10:27

Tgt Ion:130 Resp: 537710

Ion Ratio Lower Upper

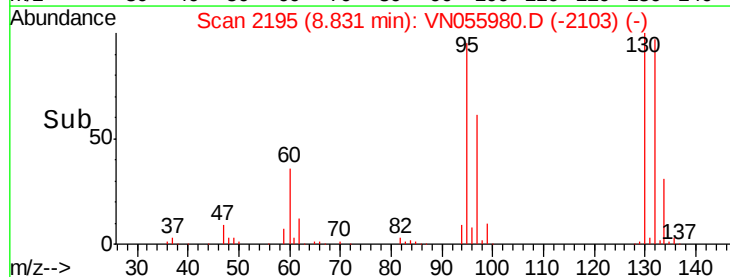
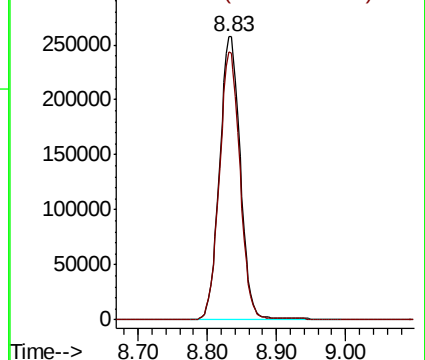
130 100

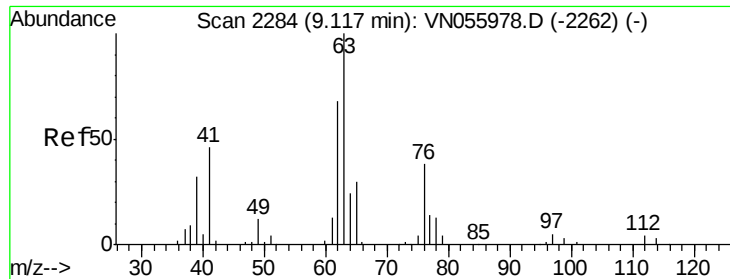
95 94.9 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055980.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN055980.D (-2103) (-)

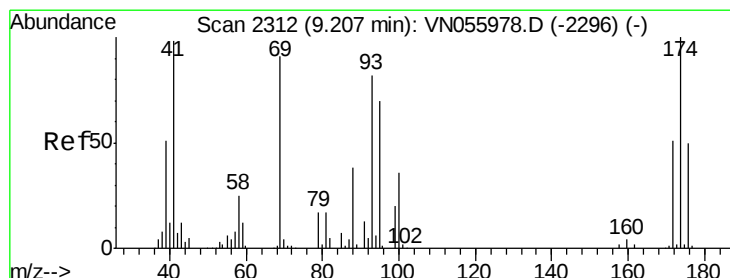
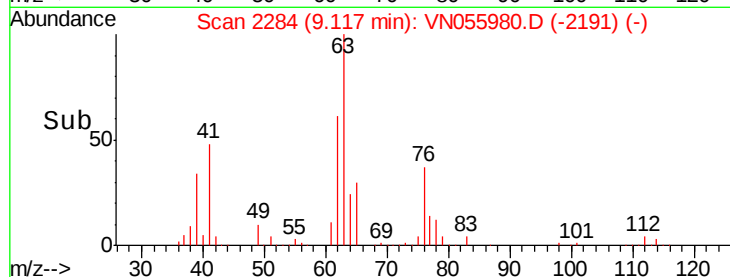
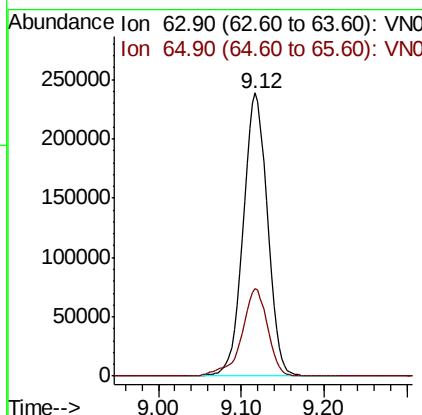
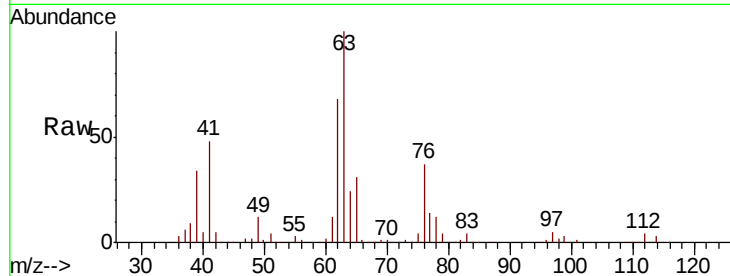




#45
 1,2-Dichloropropane
 Concen: 152.250 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

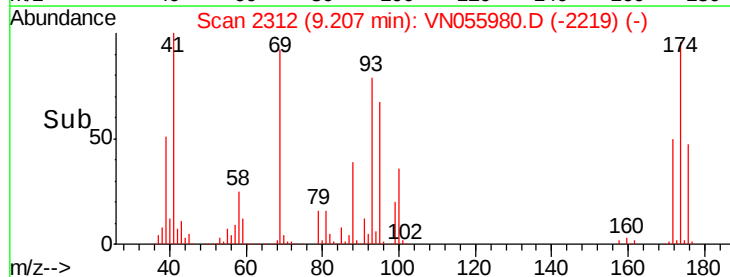
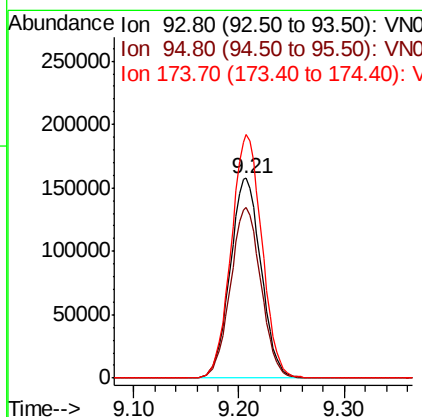
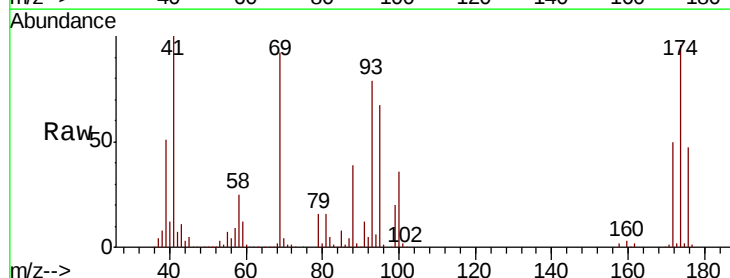
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

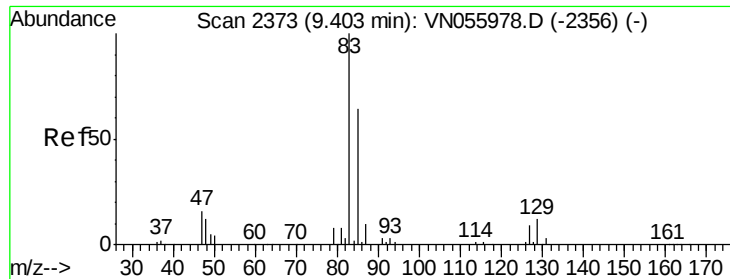
Tot Ion: 63 Resp: 485030
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 36.8



#46
 Dibromomethane
 Concen: 153.125 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion: 93 Resp: 318995
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.7 100.1
 174 121.4 96.4 144.6

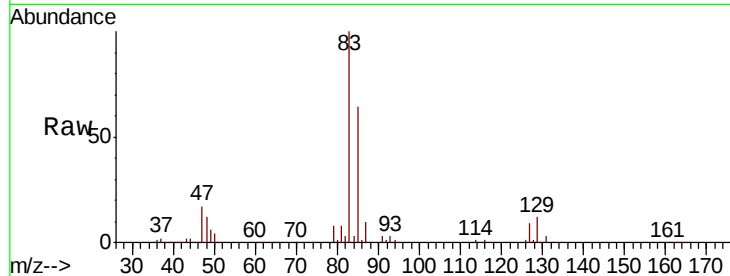




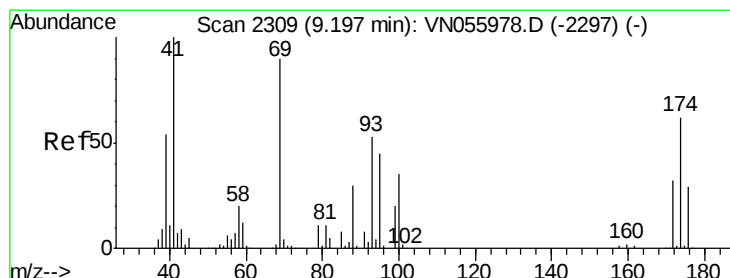
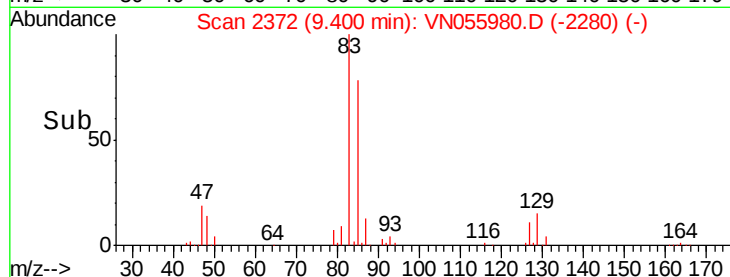
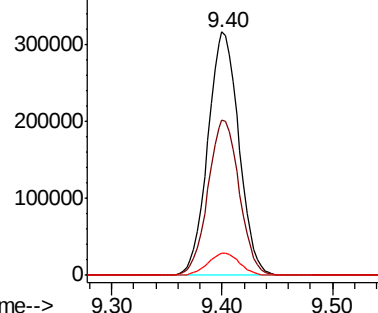
#47
Bromodichloromethane
Concen: 162.432 ug/l
RT: 9.40 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 613289
Ion Ratio Lower Upper
83 100
85 63.9 52.2 78.2
127 9.3 7.4 11.0

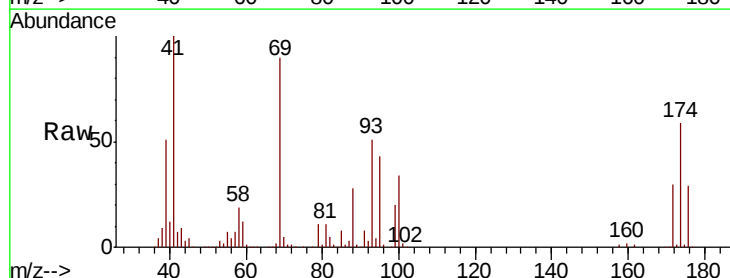


Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO

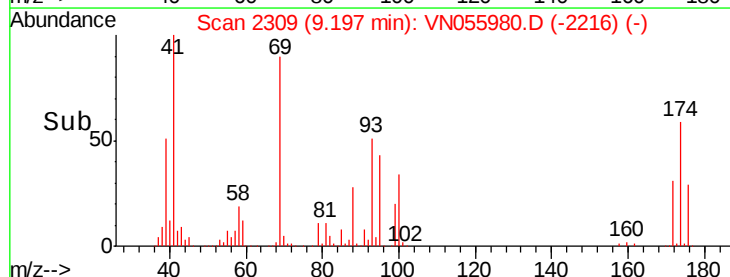
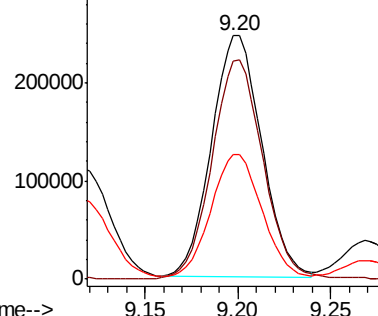


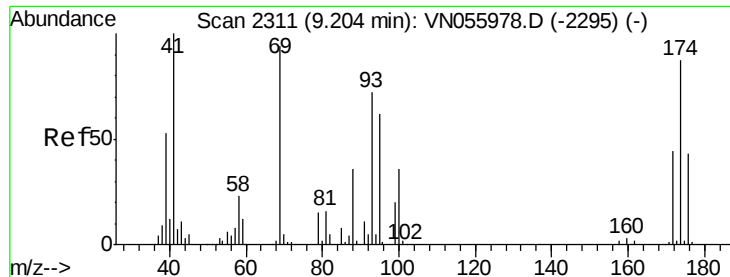
#48
Methyl methacrylate
Concen: 159.777 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 41 Resp: 461519
Ion Ratio Lower Upper
41 100
69 92.7 71.0 106.6
39 52.8 44.2 66.2



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



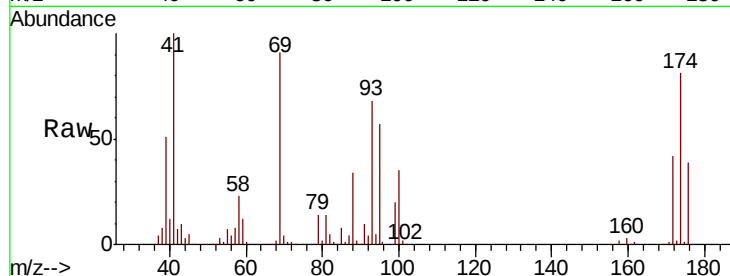


#49
 1,4-Dioxane
 Concen: 3092.382 ug/l
 RT: 9.20 min Scan# 2311
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

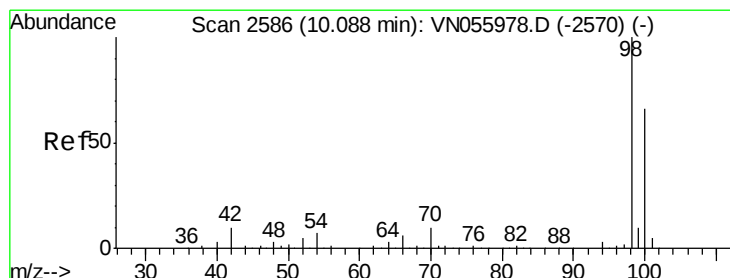
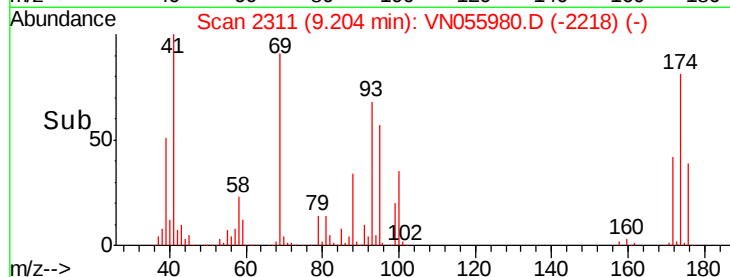
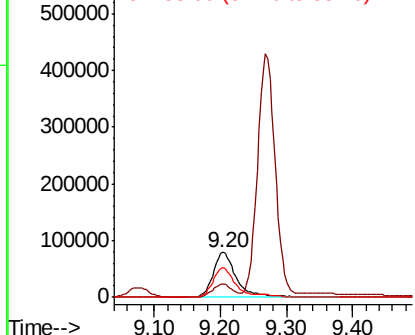
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 88 Resp: 192840

Ion	Ratio	Lower	Upper
88	100		
43	24.9	20.5	30.7
58	67.4	55.8	83.6



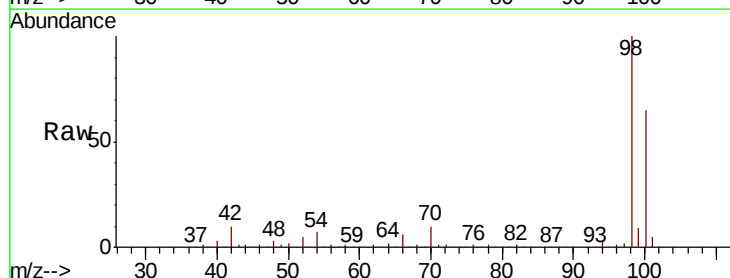
Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0



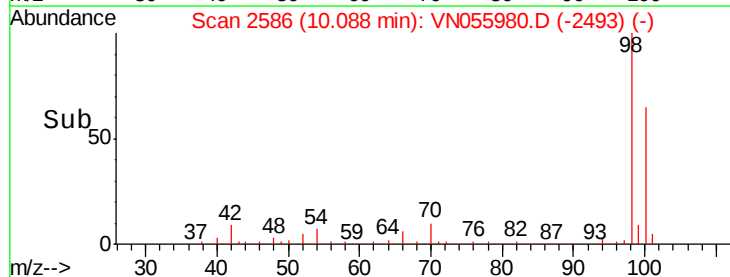
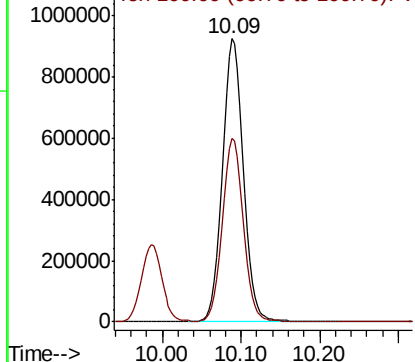
#50
 Toluene-d8
 Concen: 150.565 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

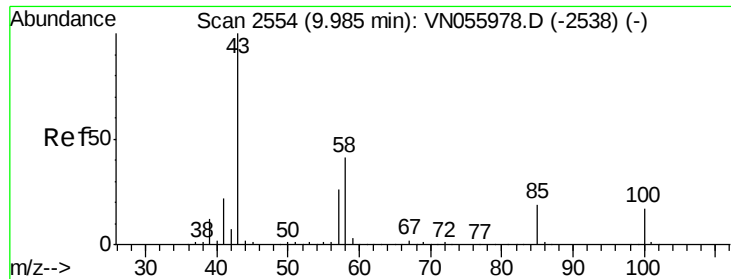
Tgt Ion: 98 Resp: 1692863

Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9



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





#51

4-Methyl-2-Pentanone

Concen: 763.509 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

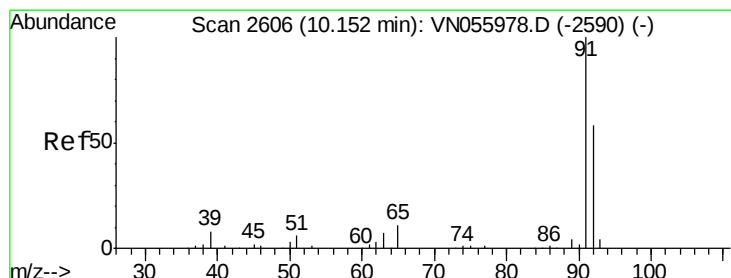
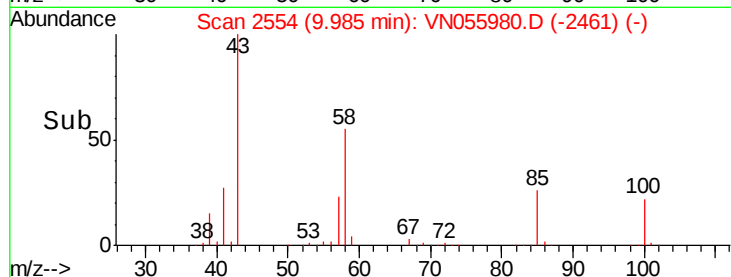
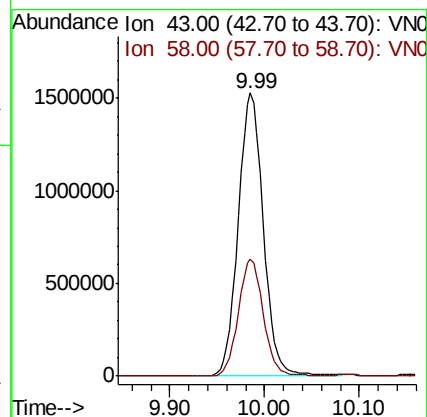
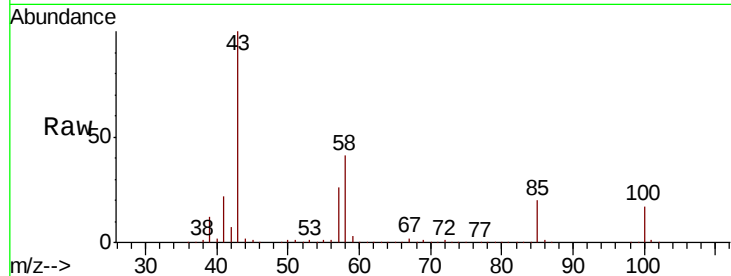
VSTDIC150

Tot Ion: 43 Resp: 2819037

Ion Ratio Lower Upper

43 100

58 41.0 32.1 48.1



#52

Toluene

Concen: 155.222 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN055980.D

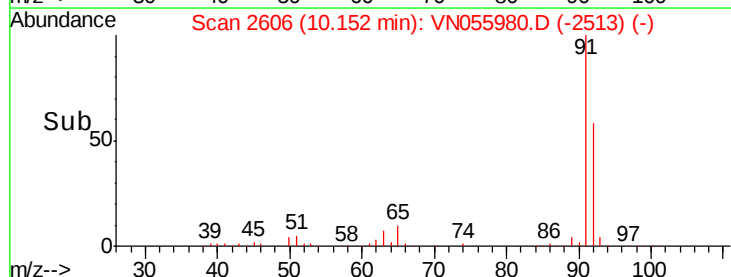
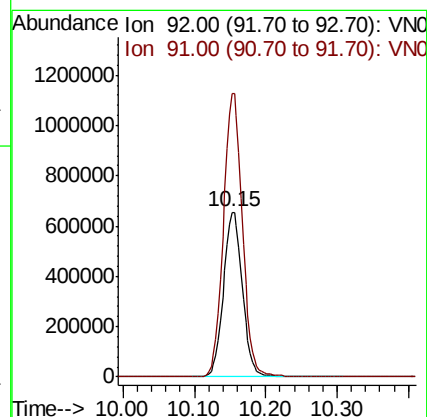
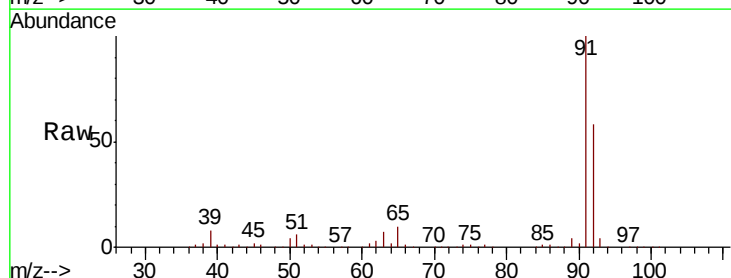
Acq: 4 Jun 2019 10:27

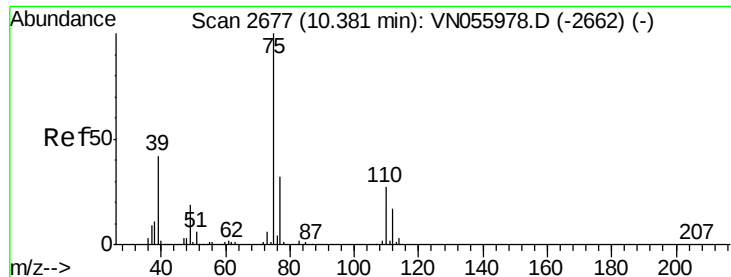
Tgt Ion: 92 Resp: 1201310

Ion Ratio Lower Upper

92 100

91 172.9 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 151.909 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

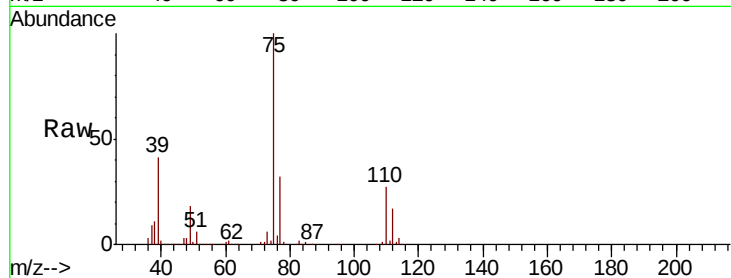
VSTDIC150

Tot Ion: 75 Resp: 695180

Ion Ratio Lower Upper

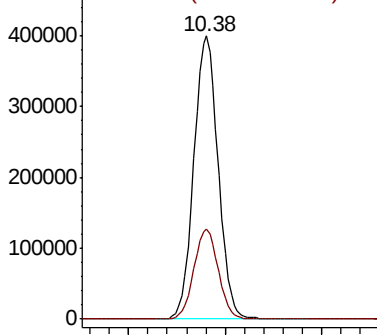
75 100

77 31.7 25.8 38.6

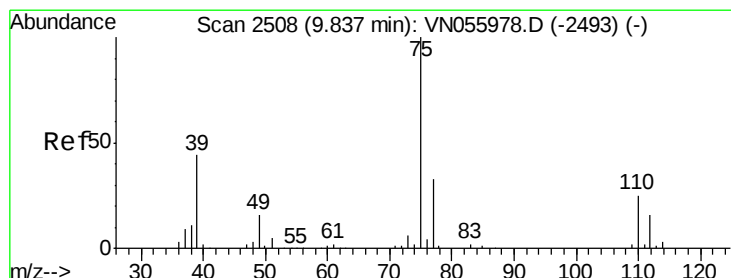
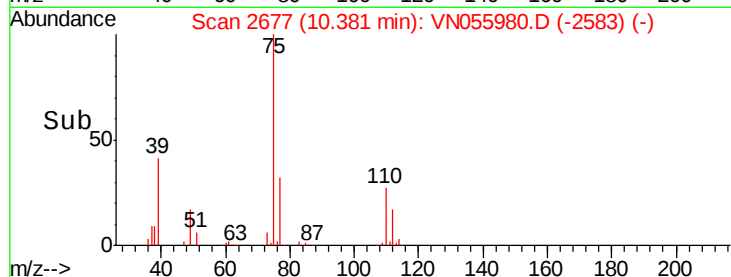


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



Time-->



#54

cis-1,3-Dichloropropene

Concen: 169.728 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

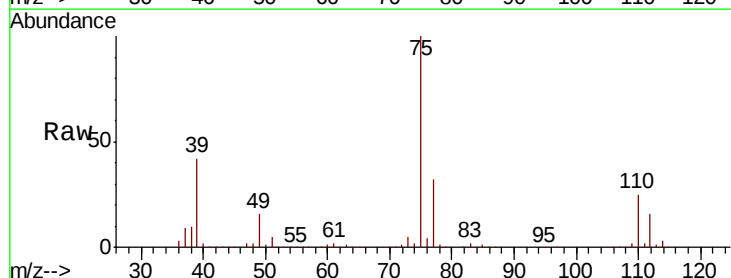
Tgt Ion: 75 Resp: 770297

Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

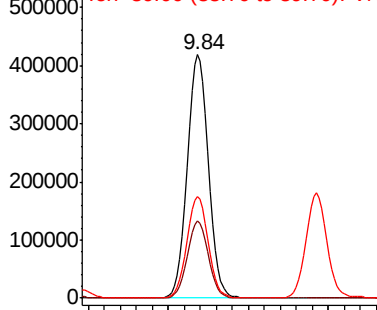
39 41.8 36.3 54.5



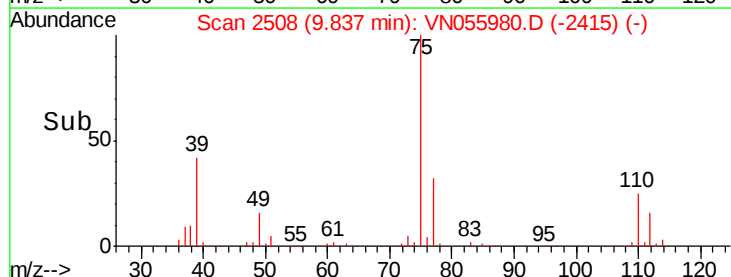
Abundance Ion 74.90 (74.60 to 75.60): VN0

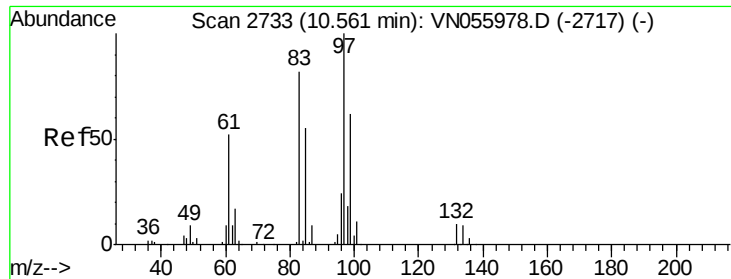
Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0



Time-->

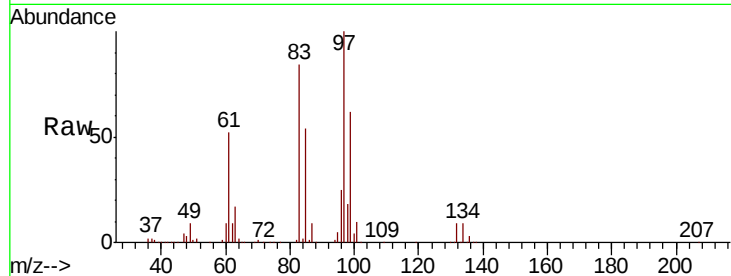




#55
 1,1,2-Trichloroethane
 Concen: 154.970 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

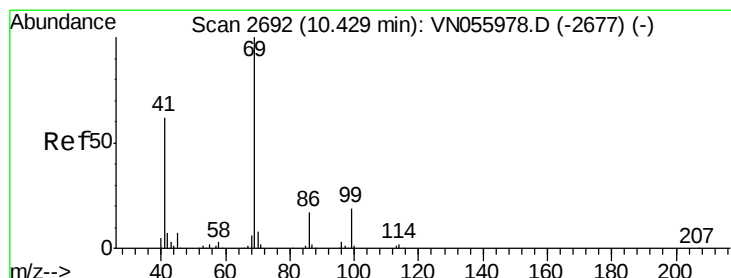
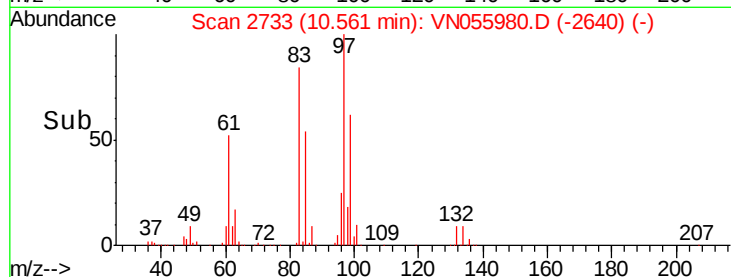
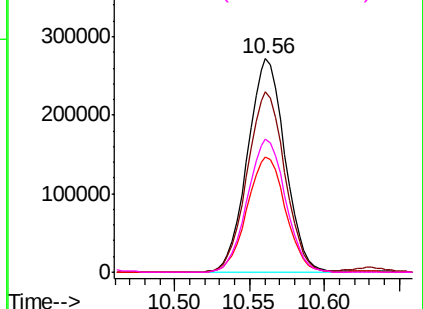
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 97 Resp: 475085
 Ion Ratio Lower Upper
 97 100
 83 84.3 67.0 100.6
 85 54.0 44.0 66.0
 99 62.1 50.6 75.8



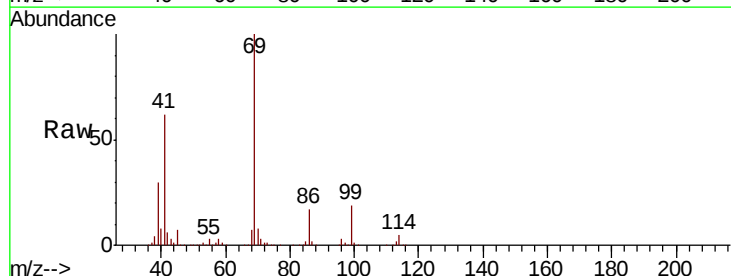
Abundance

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



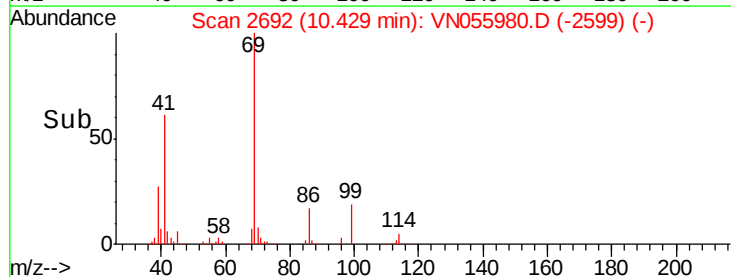
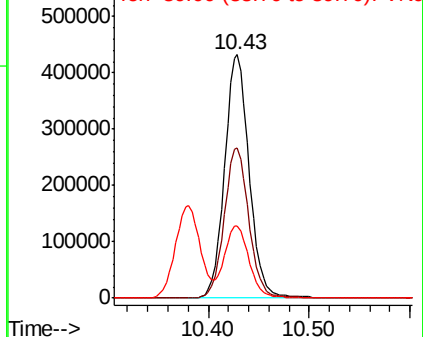
#56
 Ethyl methacrylate
 Concen: 164.032 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

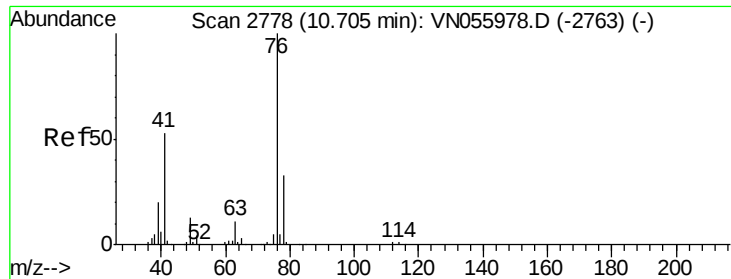
Tgt Ion: 69 Resp: 733625
 Ion Ratio Lower Upper
 69 100
 41 61.4 49.7 74.5
 39 29.5 24.7 37.1



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

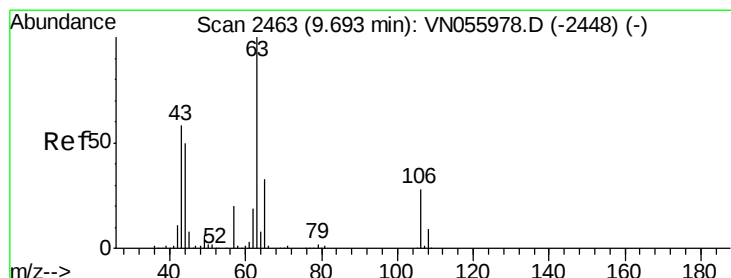
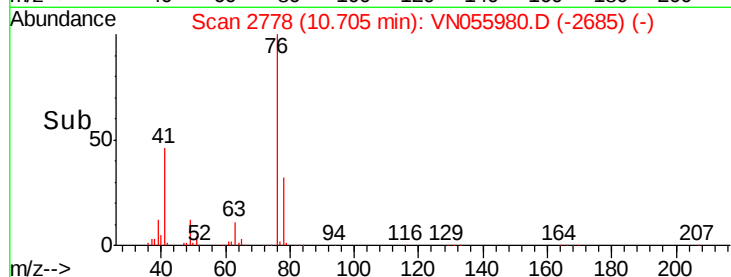
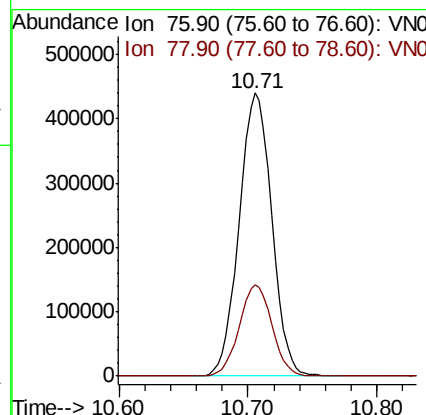
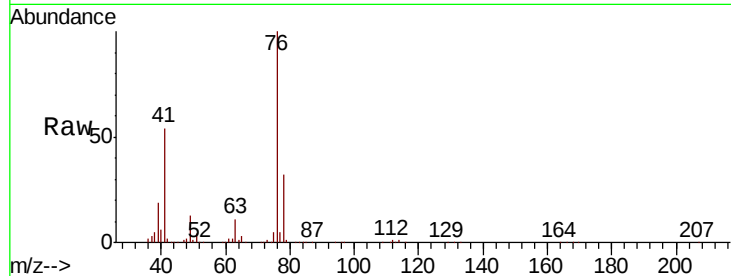




#57
 1,3-Dichloropropane
 Concen: 155.503 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

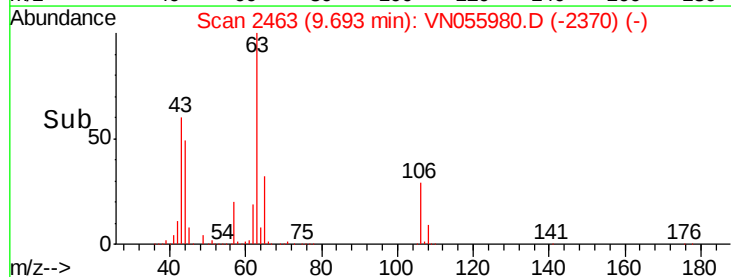
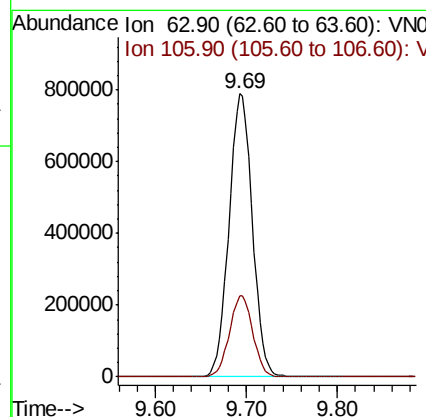
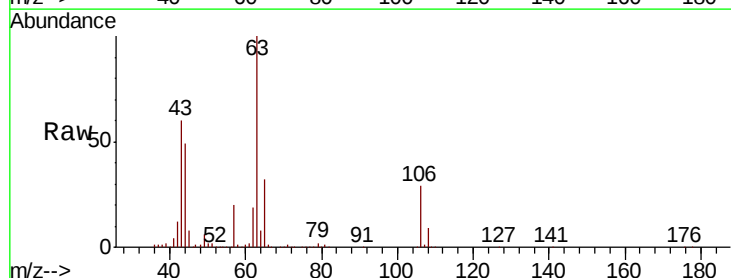
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

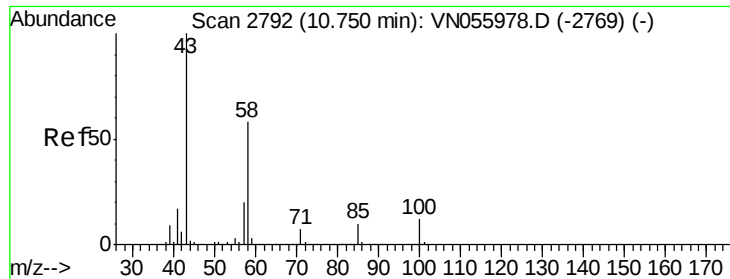
Tot Ion: 76 Resp: 774973
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 761.946 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion: 63 Resp: 1408558
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.7 34.1

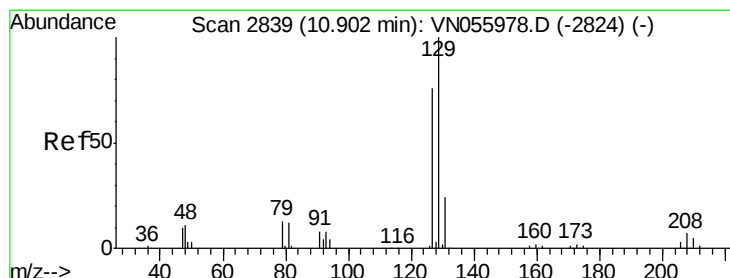
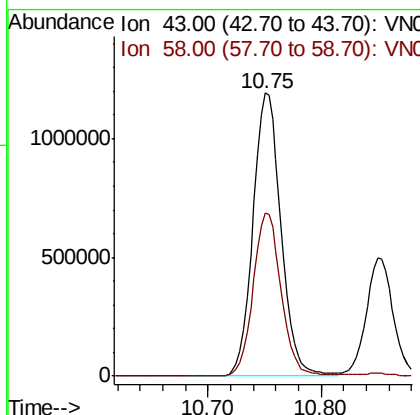
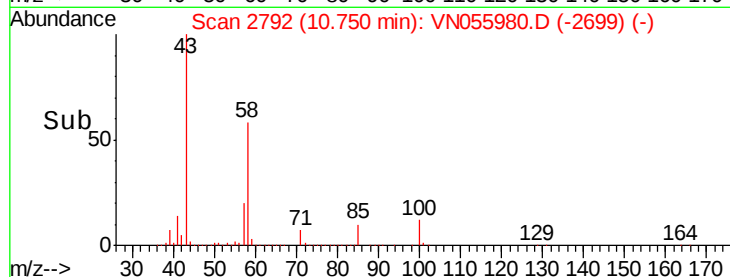
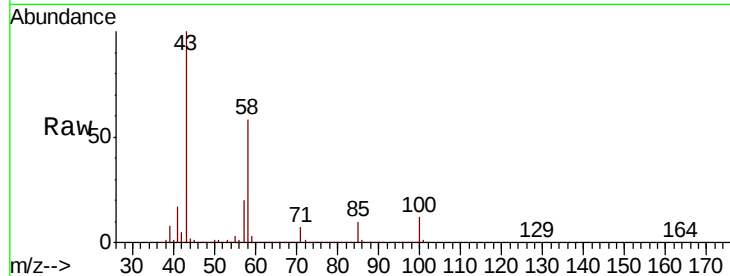




#59
2-Hexanone
Concen: 766.414 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

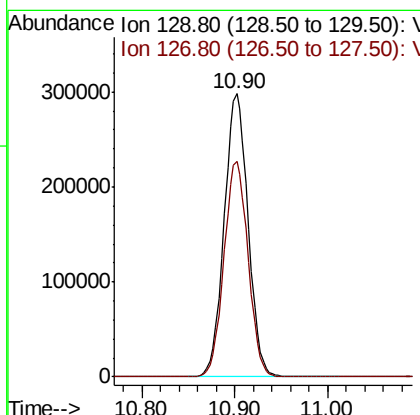
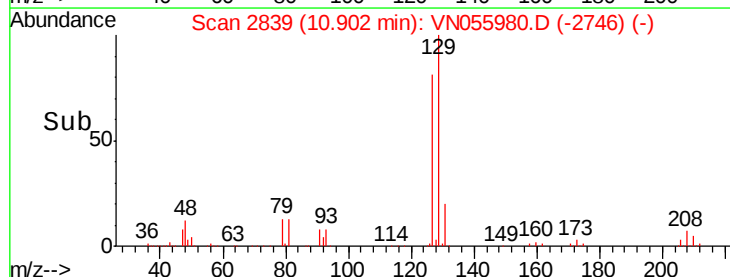
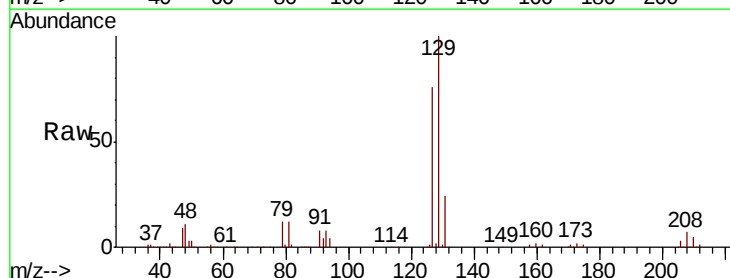
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

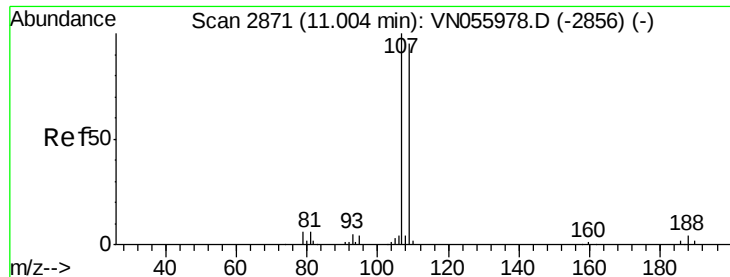
Tot Ion: 43 Resp: 2050950
Ion Ratio Lower Upper
43 100
58 57.5 28.2 84.7



#60
Dibromochloromethane
Concen: 151.824 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion:129 Resp: 531089
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.3

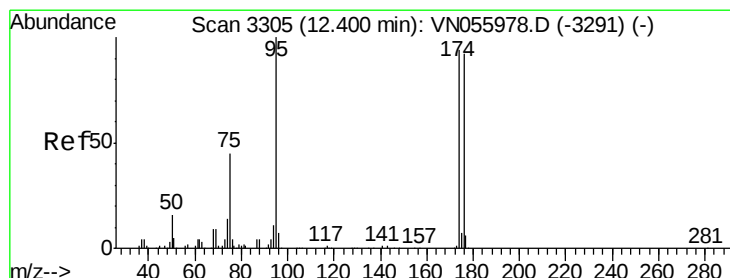
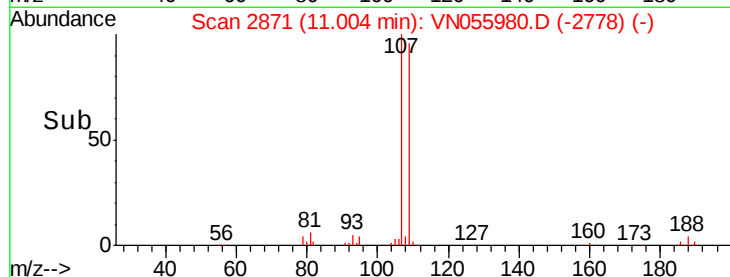
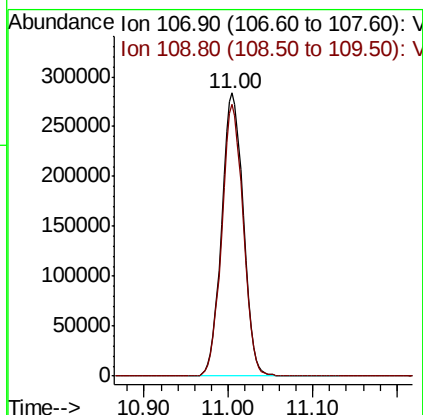
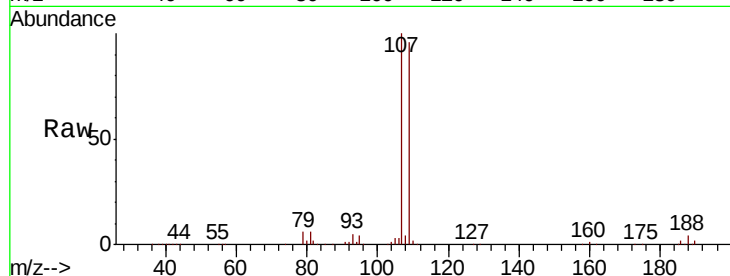




#61
 1,2-Dibromoethane
 Concen: 161.451 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

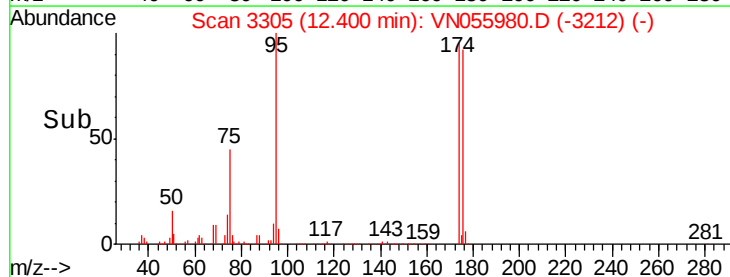
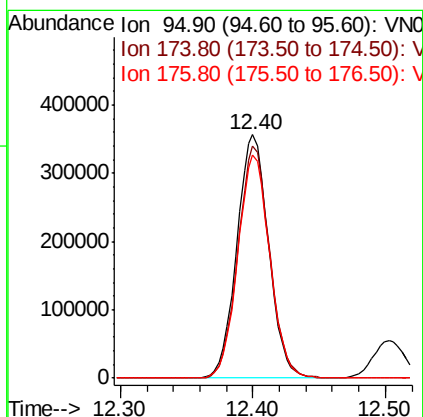
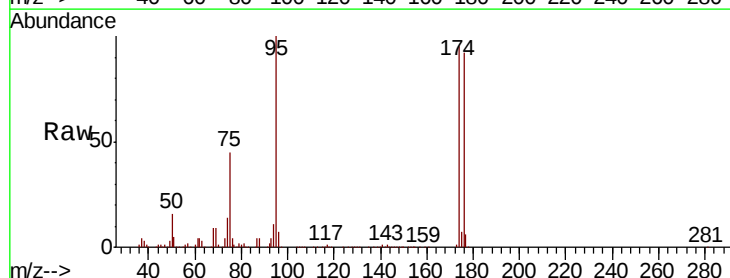
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

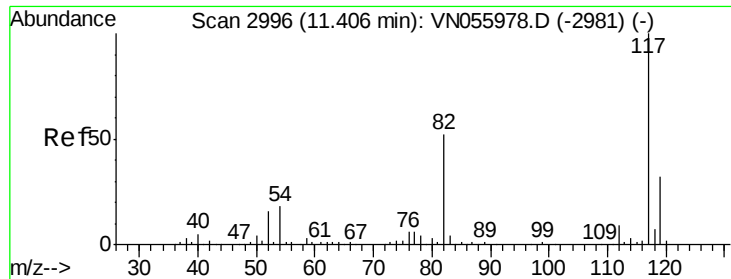
Tot Ion:107 Resp: 505993
 Ion Ratio Lower Upper
 107 100
 109 95.2 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 154.974 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion: 95 Resp: 592557
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 191.0
 176 92.3 0.0 185.2

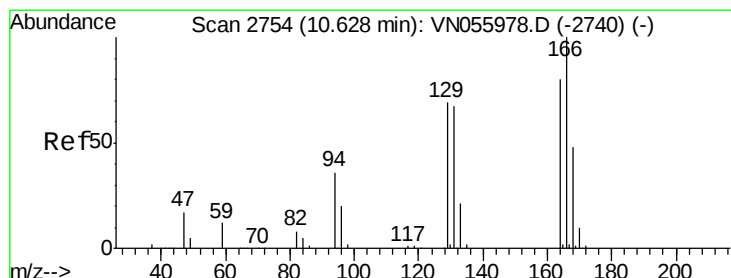
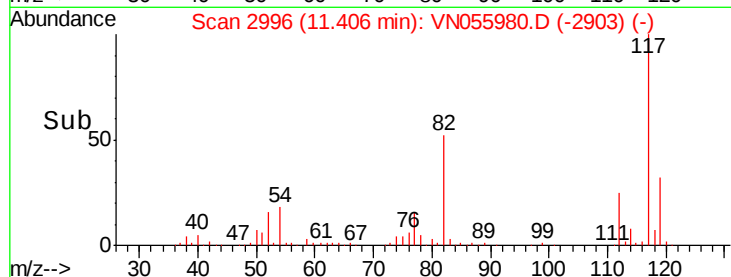
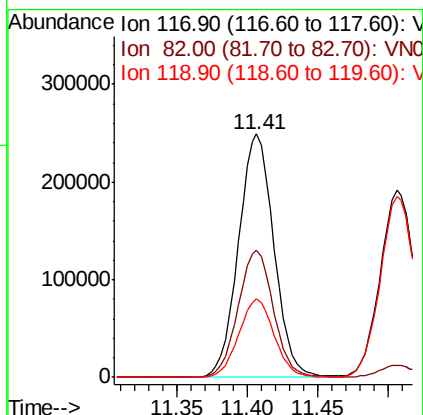
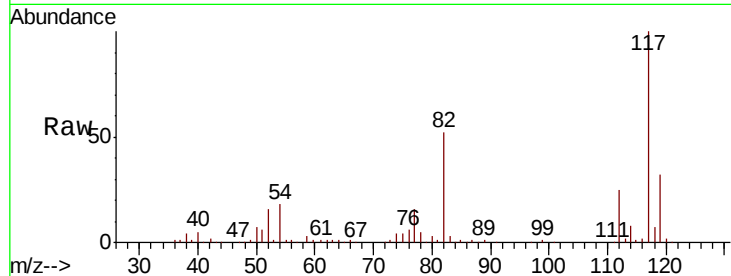




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

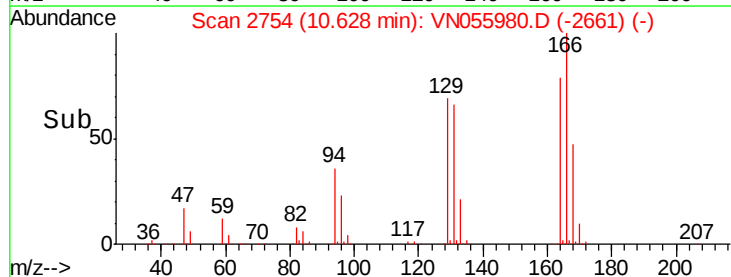
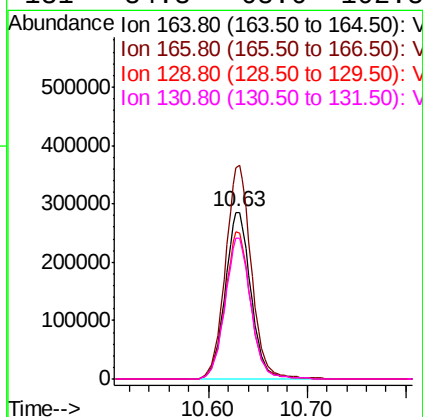
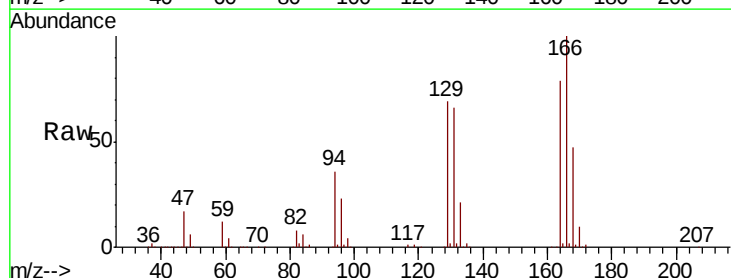
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

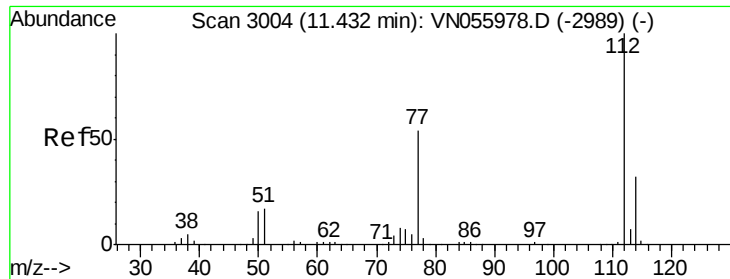
Tot Ion:117 Resp: 439869
Ion Ratio Lower Upper
117 100
82 52.1 41.8 62.8
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 136.862 ug/l
RT: 10.63 min Scan# 2754
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion:164 Resp: 521109
Ion Ratio Lower Upper
164 100
166 127.0 103.0 154.6
129 88.1 70.6 105.8
131 84.3 68.6 102.8

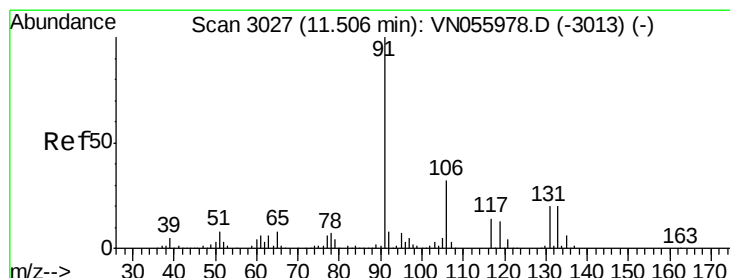
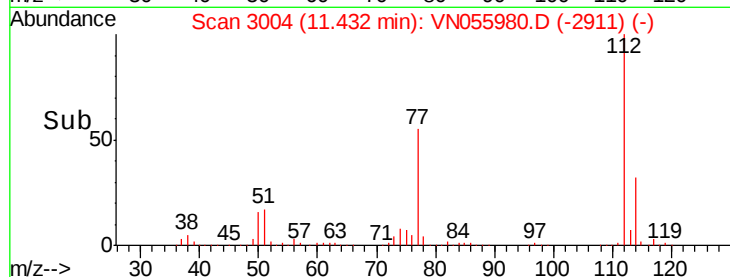
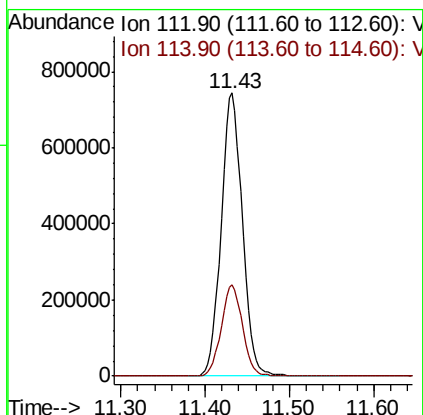
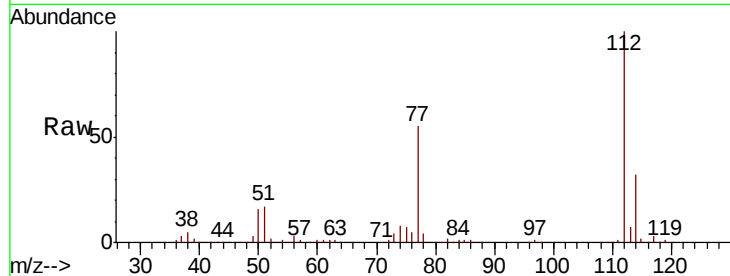




#65
Chlorobenzene
Concen: 148.392 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

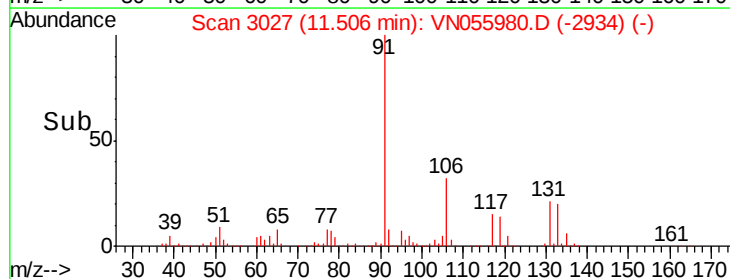
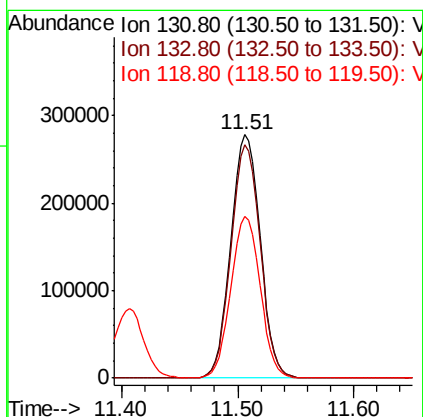
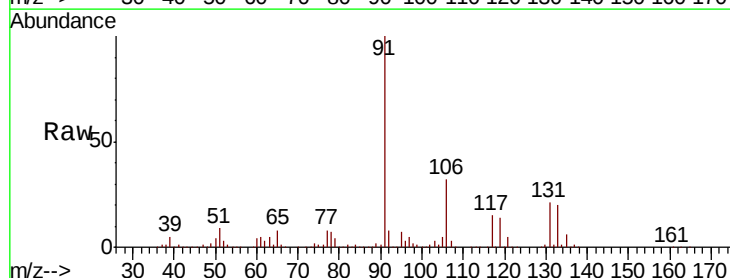
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

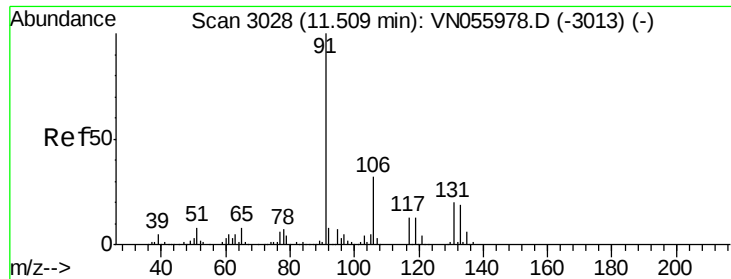
Tot Ion:112 Resp: 1299062
Ion Ratio Lower Upper
112 100
114 32.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 161.191 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion:131 Resp: 487240
Ion Ratio Lower Upper
131 100
133 95.5 48.0 144.0
119 66.2 33.1 99.5

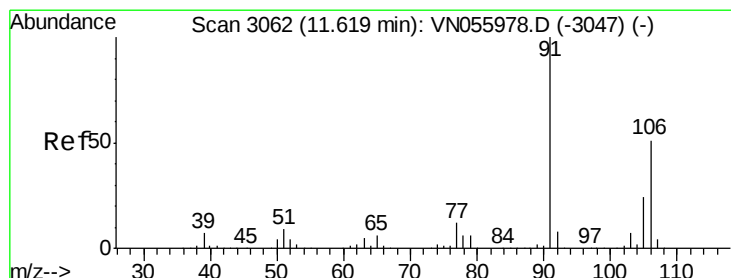
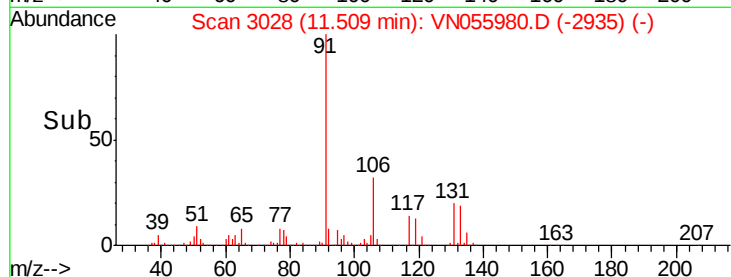
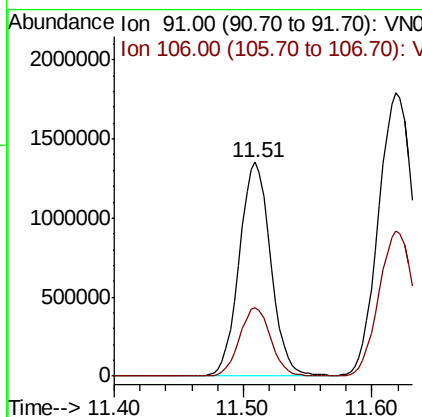
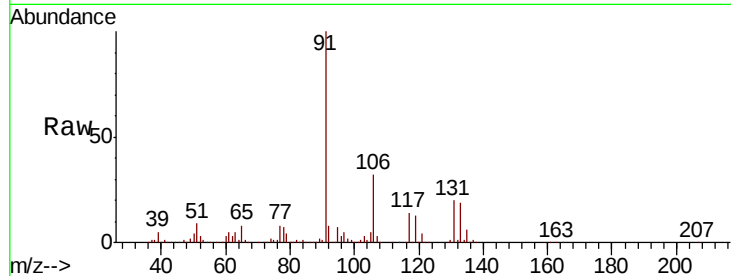




#67
Ethyl Benzene
Concen: 151.048 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

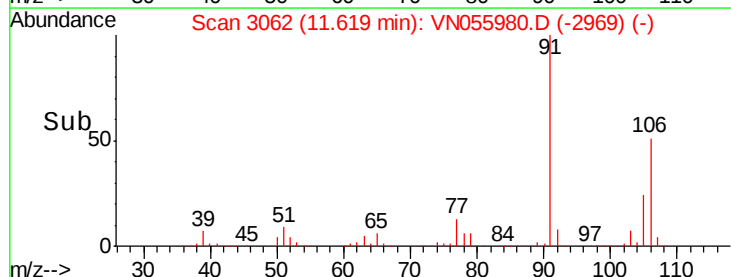
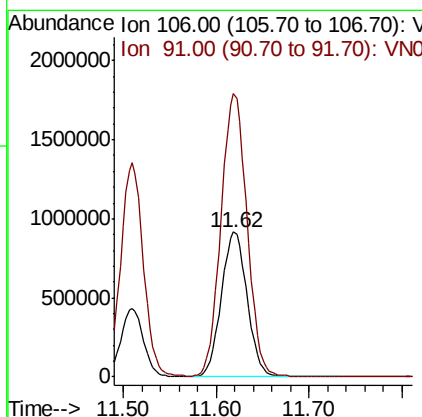
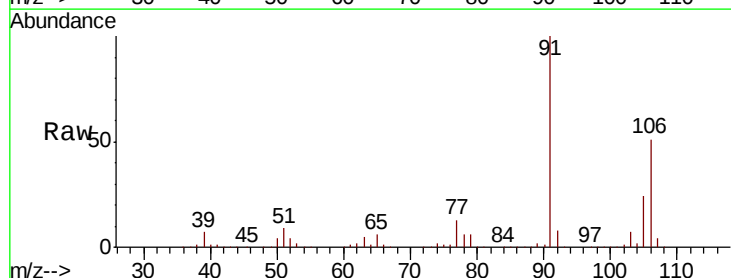
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

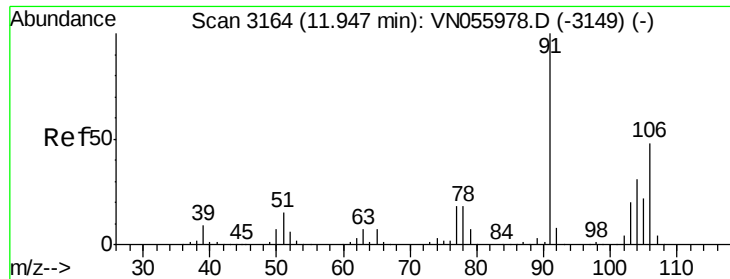
Tot Ion: 91 Resp: 2299298
Ion Ratio Lower Upper
91 100
106 32.2 25.1 37.7



#68
m/p-Xylenes
Concen: 305.041 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 106 Resp: 1773836
Ion Ratio Lower Upper
106 100
91 196.7 159.3 238.9

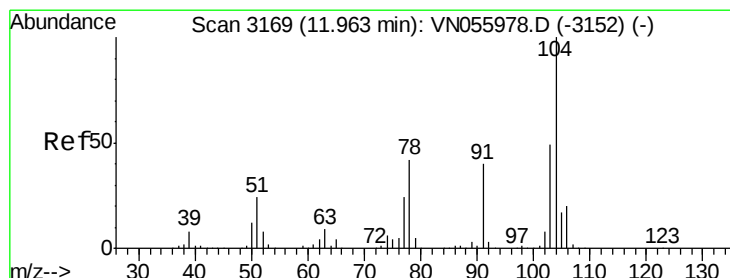
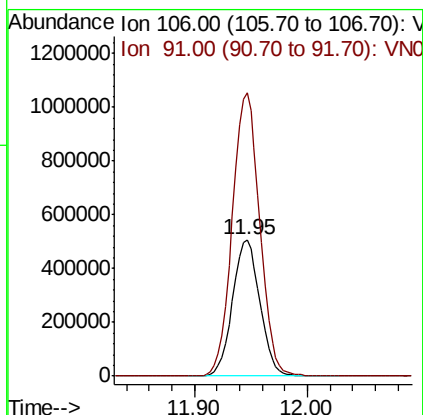
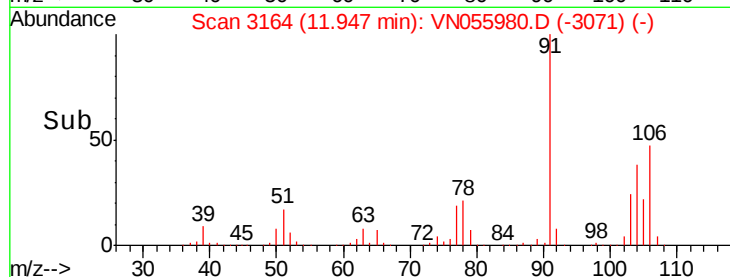
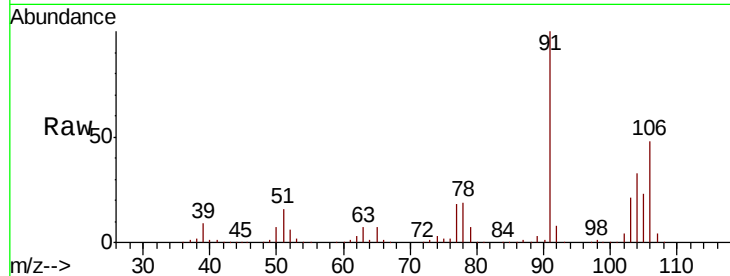




#69
o-Xylene
Concen: 149.360 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

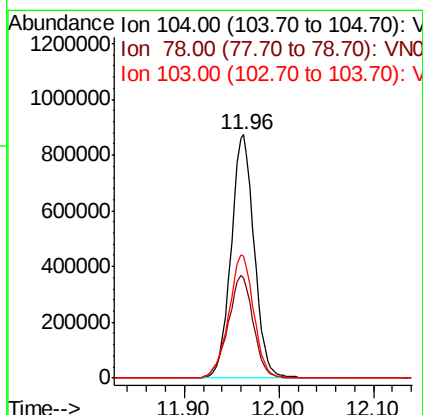
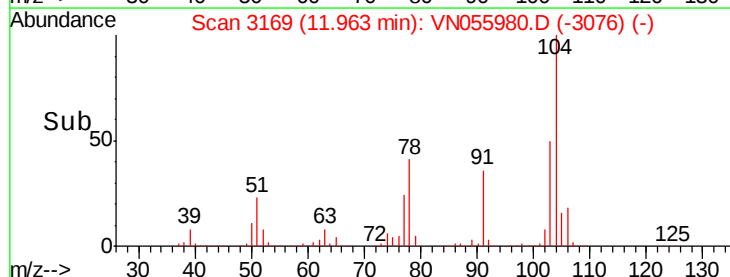
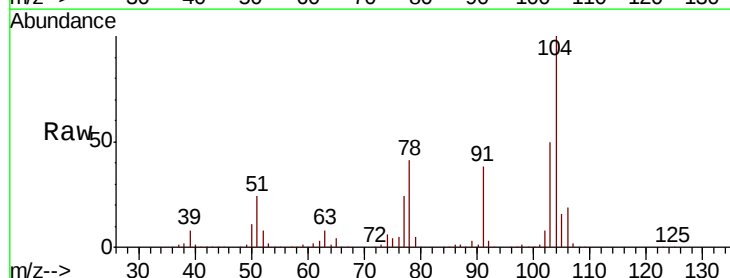
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

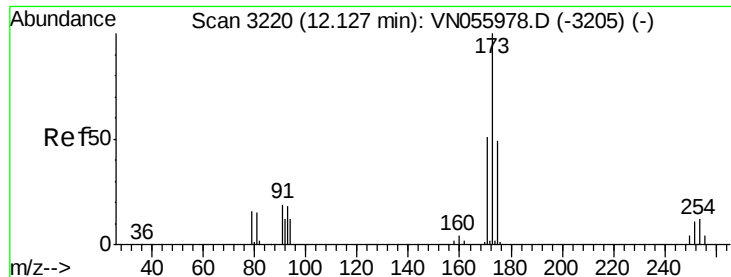
Tot Ion:106 Resp: 854349
Ion Ratio Lower Upper
106 100
91 208.3 104.7 314.1



#70
Styrene
Concen: 162.667 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion:104 Resp: 1478377
Ion Ratio Lower Upper
104 100
78 45.9 37.8 56.6
103 54.5 44.2 66.2





#71

Bromoform

Concen: 150.942 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

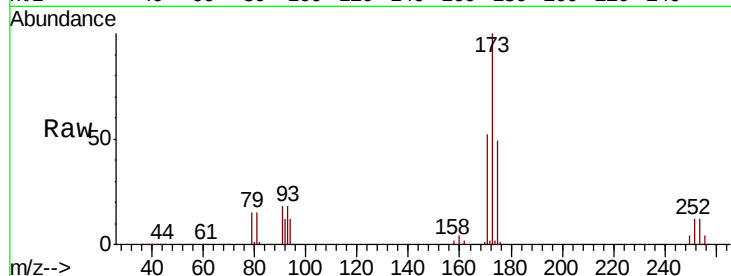
Tot Ion:173 Resp: 397919

Ion Ratio Lower Upper

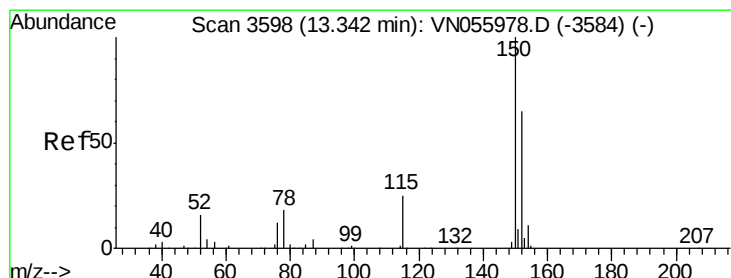
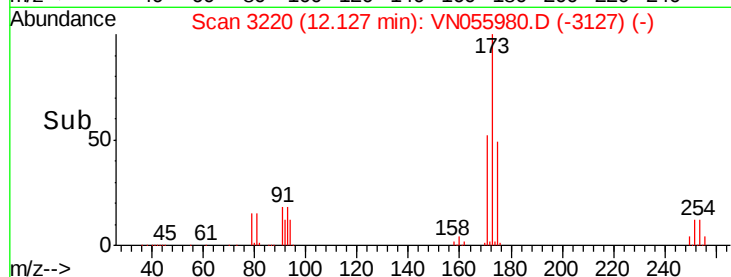
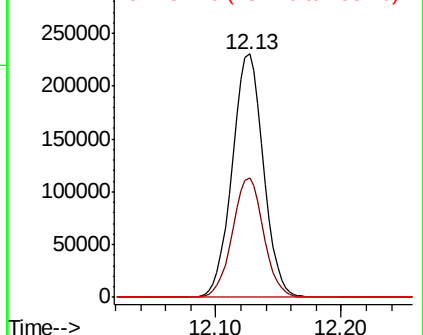
173 100

175 49.1 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: VN055980.D

Acq: 4 Jun 2019 10:27

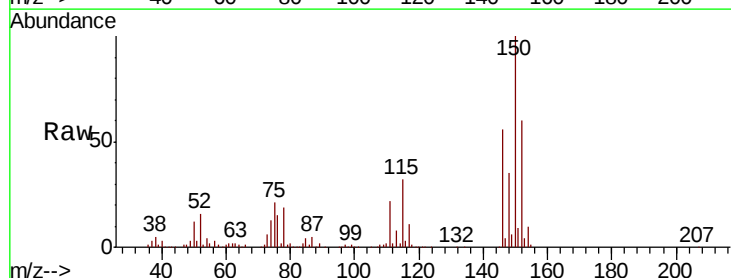
Tgt Ion:152 Resp: 214941

Ion Ratio Lower Upper

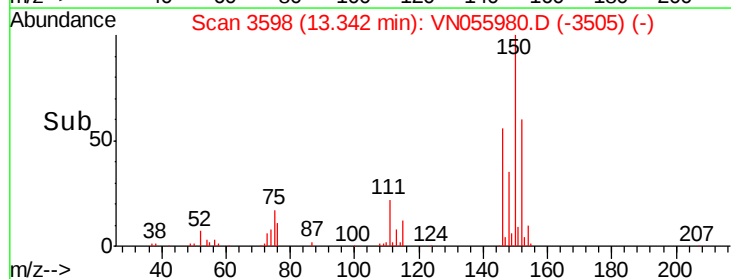
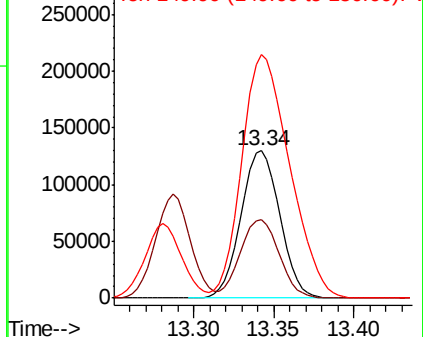
152 100

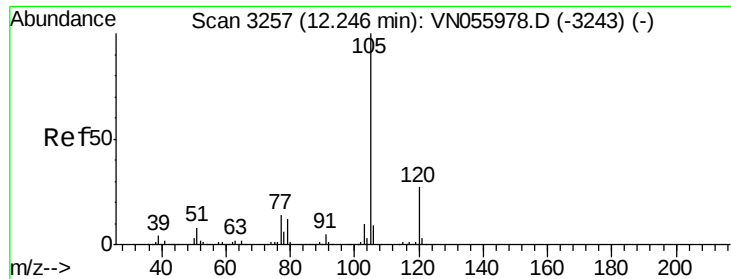
115 53.8 27.0 81.0

150 204.3 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: 149.855 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

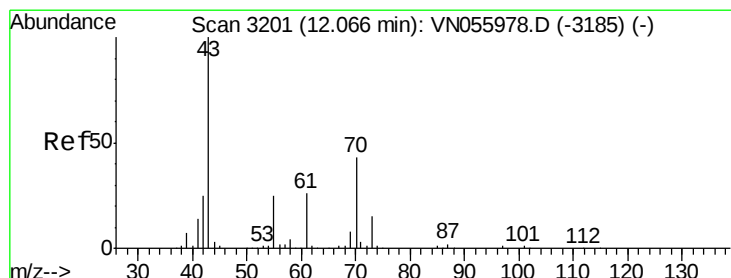
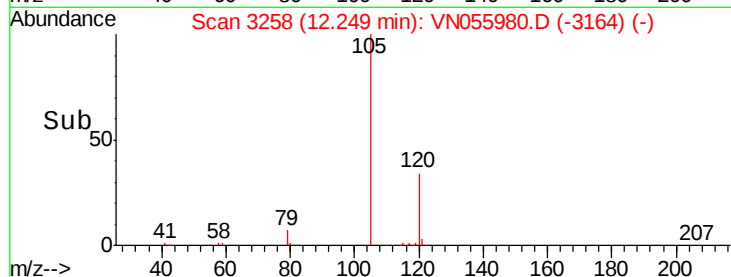
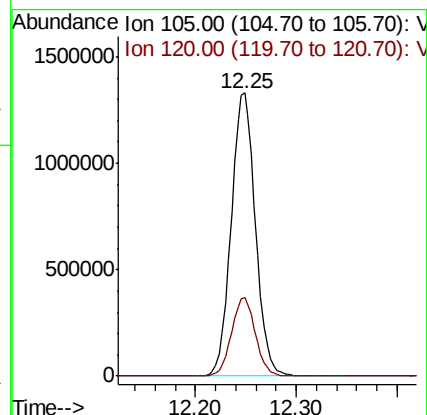
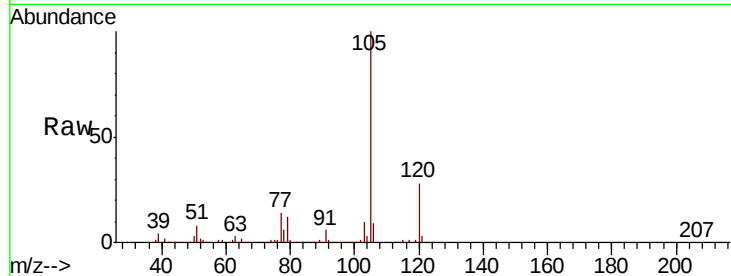
VSTDIC150

Tot Ion:105 Resp: 2221892

Ion Ratio Lower Upper

105 100

120 27.5 13.6 40.7



#74

N-ethyl acetate

Concen: 137.794 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Tgt Ion: 43 Resp: 789503

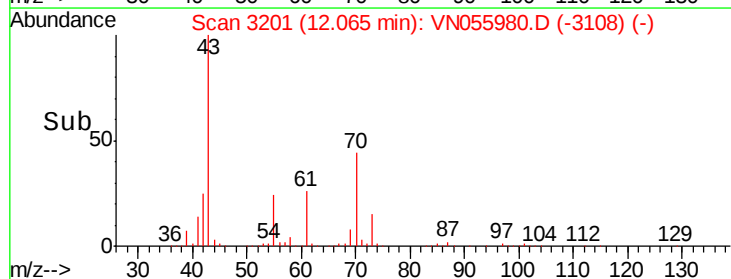
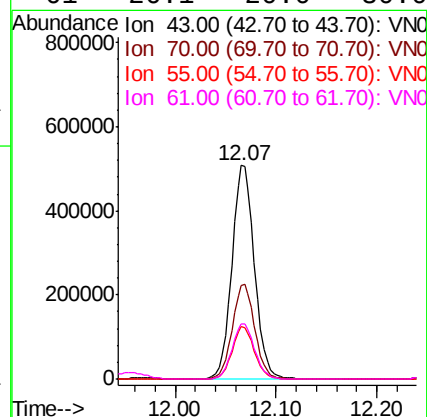
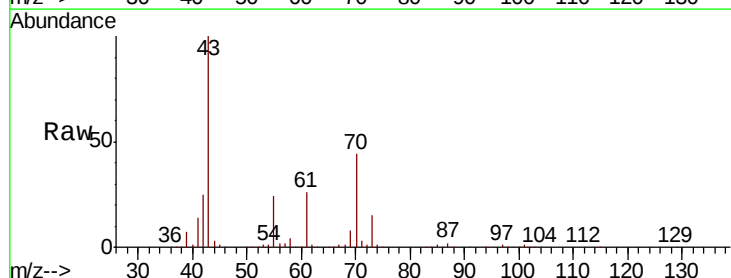
Ion Ratio Lower Upper

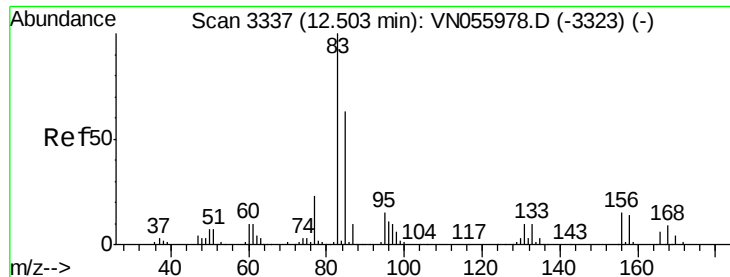
43 100

70 44.4 34.0 51.0

55 24.3 18.6 28.0

61 26.1 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 127.194 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

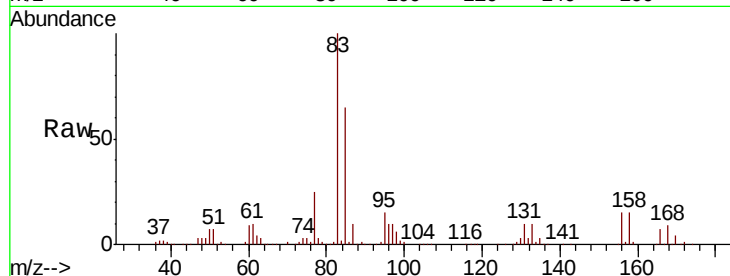
Tot Ion: 83 Resp: 634662

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

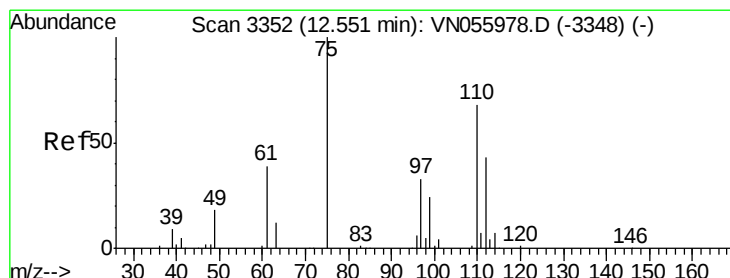
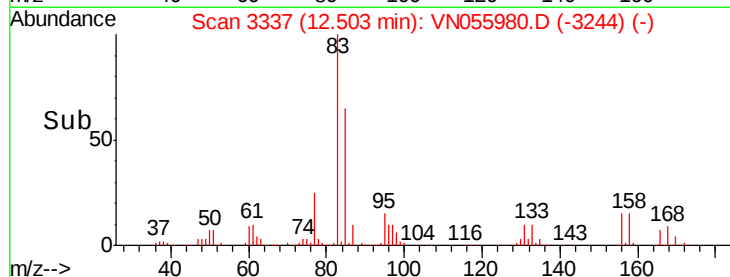
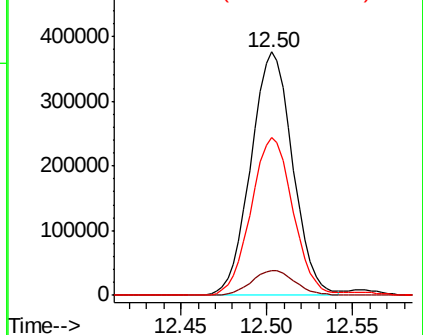
85 64.9 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055980.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN055980.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN055980.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 200.899 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. -0.00 min

Lab File: VN055980.D

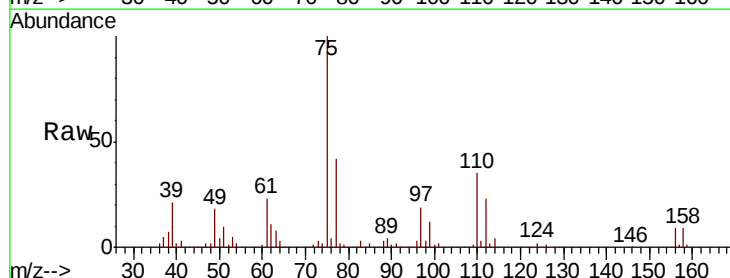
Acq: 4 Jun 2019 10:27

Tgt Ion: 75 Resp: 794558

Ion Ratio Lower Upper

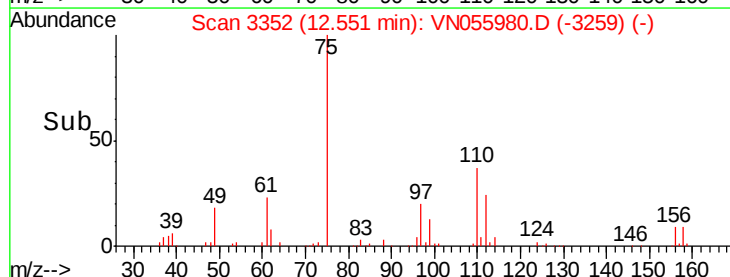
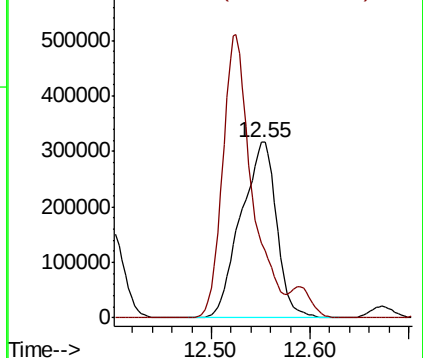
75 100

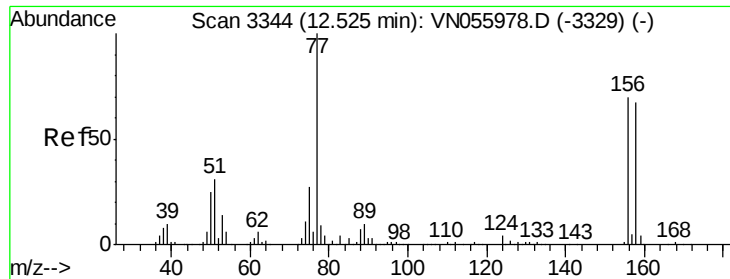
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055980.D (-3259) (-)

Ion 77.00 (76.70 to 77.70): VN055980.D (-3259) (-)

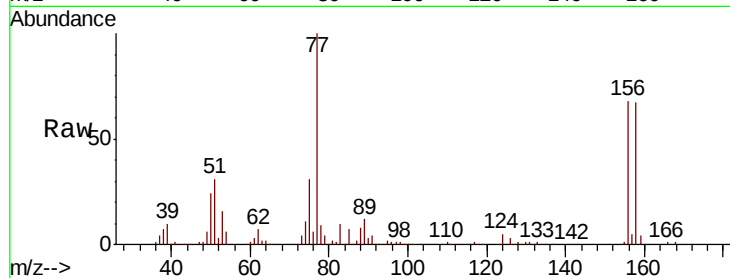




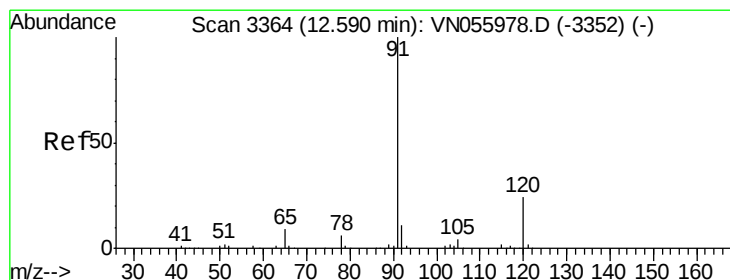
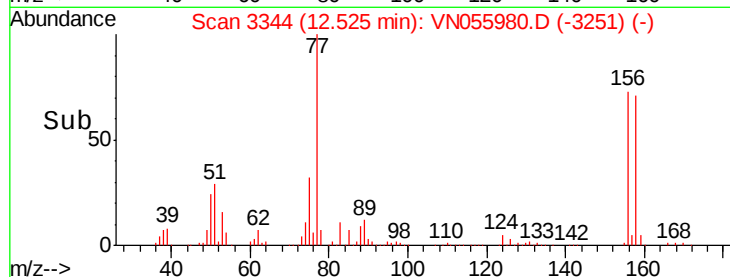
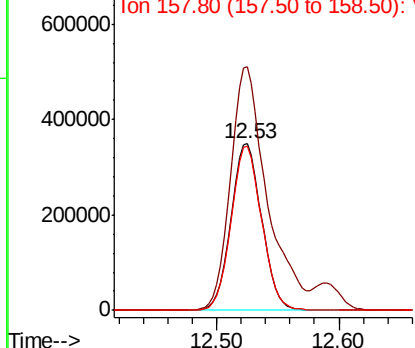
#77
Bromobenzene
Concen: 132.716 ug/l
RT: 12.53 min Scan# 3344
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:156 Resp: 610739
Ion Ratio Lower Upper
156 100
77 174.2 90.8 272.5
158 98.1 49.3 147.8

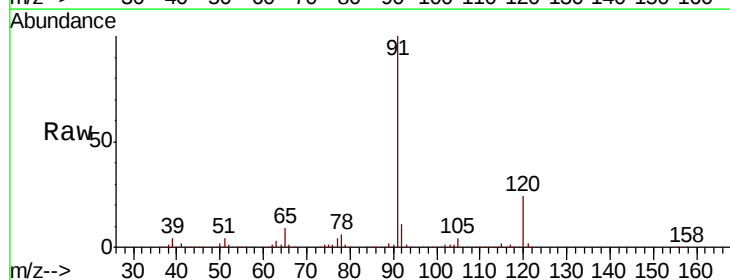


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN
Ion 157.80 (157.50 to 158.50): V

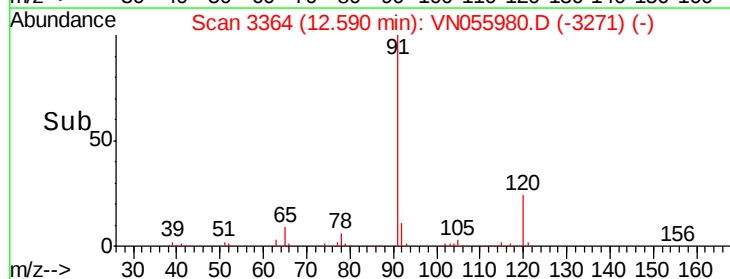
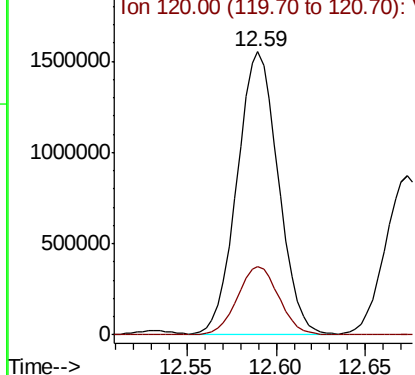


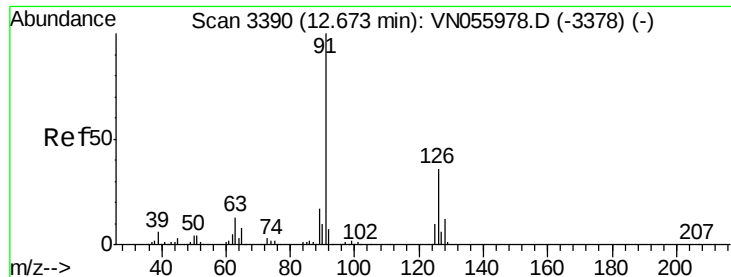
#78
n-propylbenzene
Concen: 136.881 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 91 Resp: 2489025
Ion Ratio Lower Upper
91 100
120 24.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 149.635 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

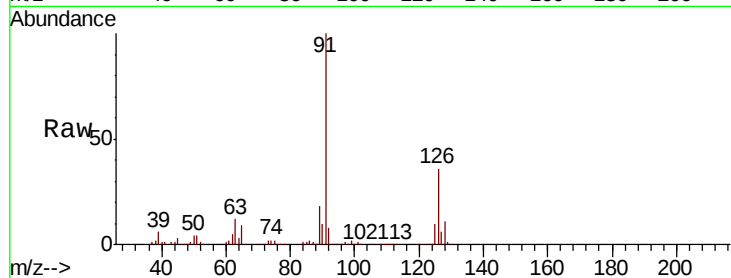
VSTDIC150

Tot Ion: 91 Resp: 1462559

Ion Ratio Lower Upper

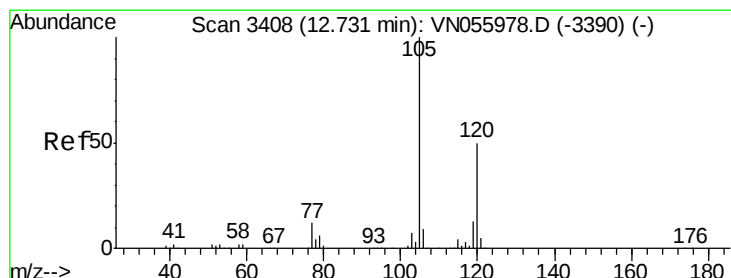
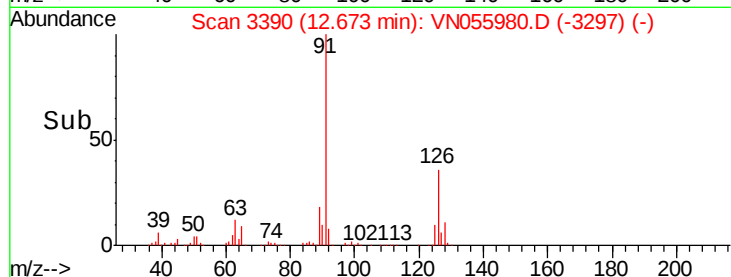
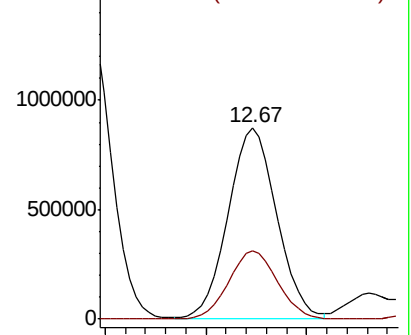
91 100

126 36.2 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 129.982 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN055980.D

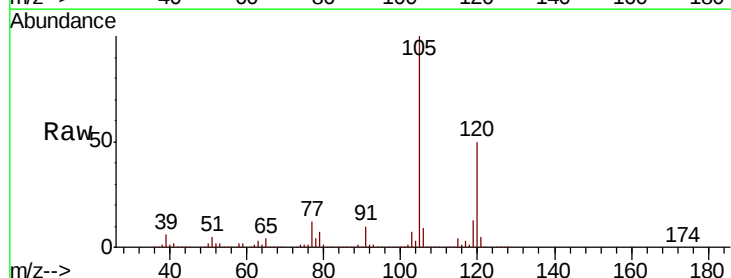
Acq: 4 Jun 2019 10:27

Tgt Ion:105 Resp: 1878462

Ion Ratio Lower Upper

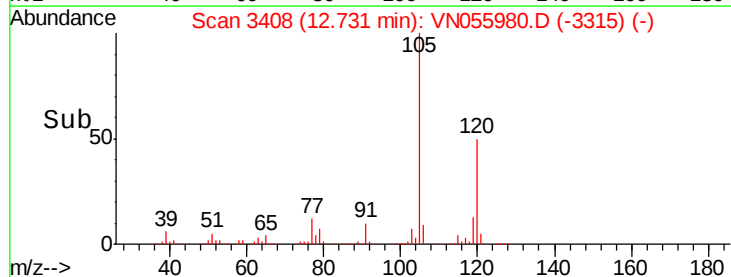
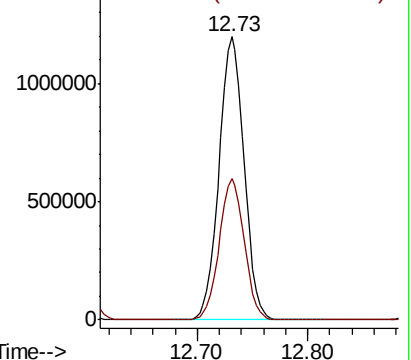
105 100

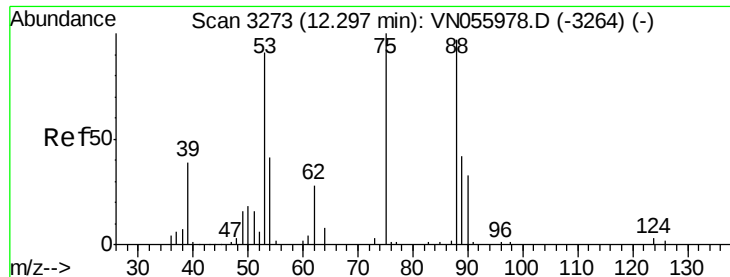
120 49.9 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): VN055978.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN055978.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 168.288 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

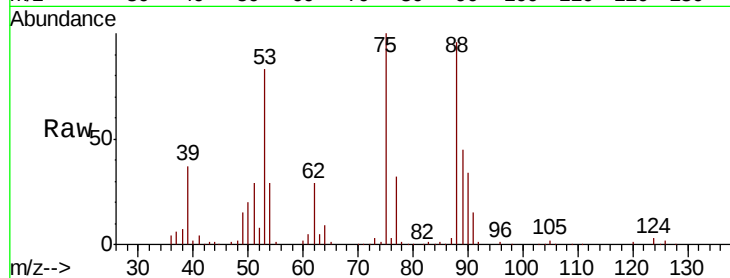
Tot Ion: 75 Resp: 199863

Ion Ratio Lower Upper

75 100

53 85.4 68.1 102.1

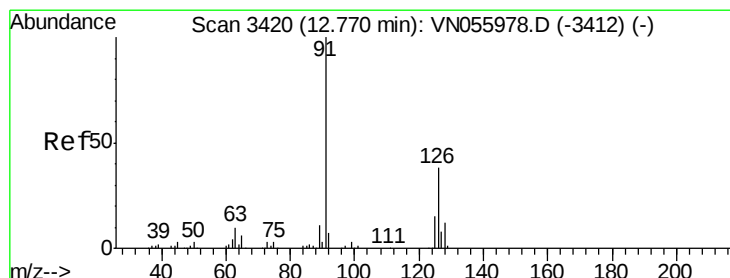
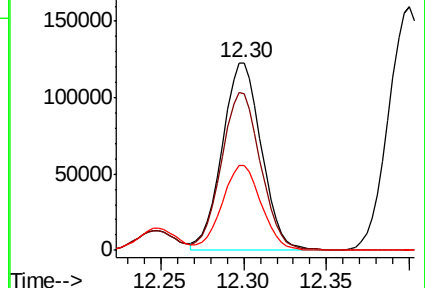
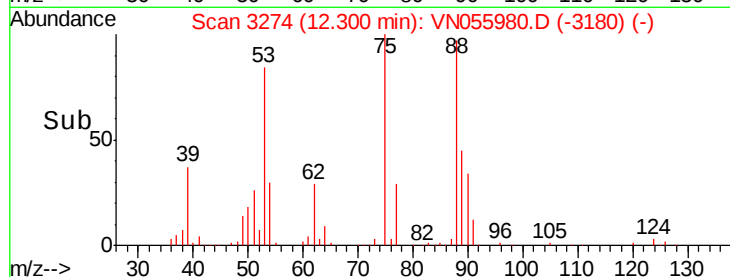
89 45.7 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 139.216 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN055980.D

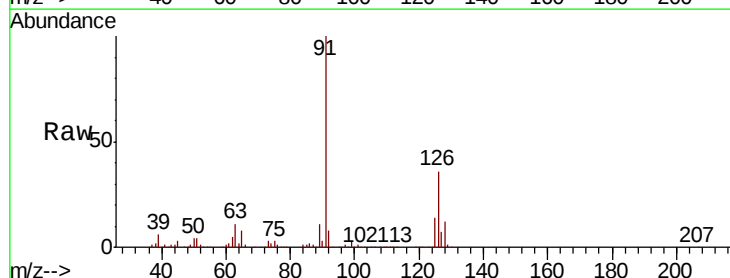
Acq: 4 Jun 2019 10:27

Tgt Ion: 91 Resp: 1481028

Ion Ratio Lower Upper

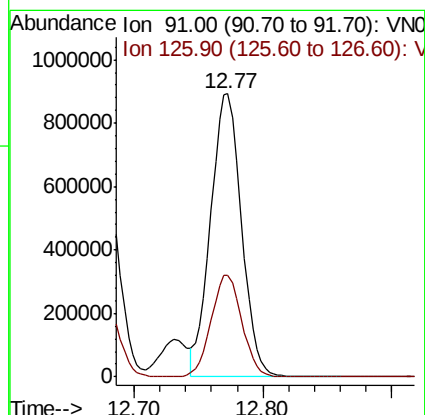
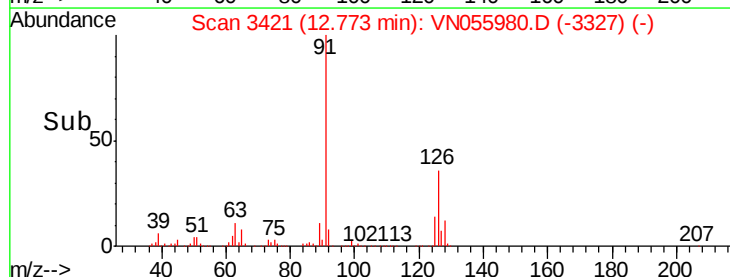
91 100

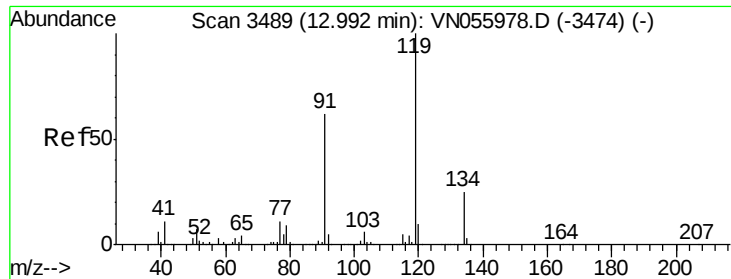
126 35.9 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3412) (-)

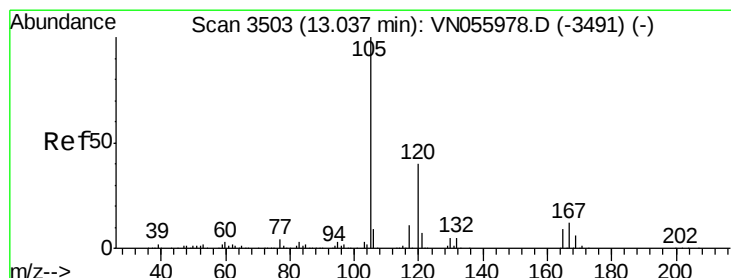
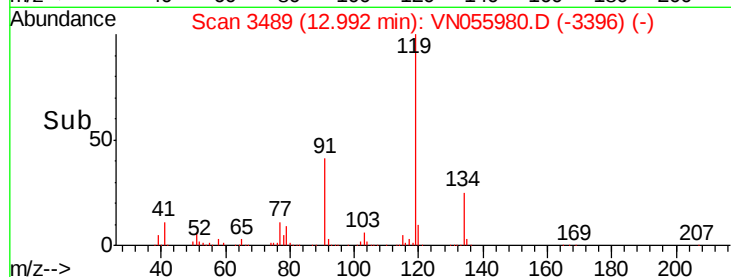
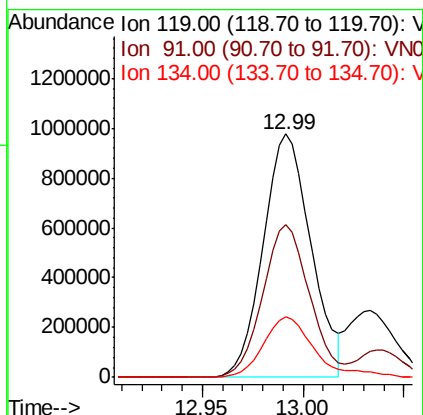
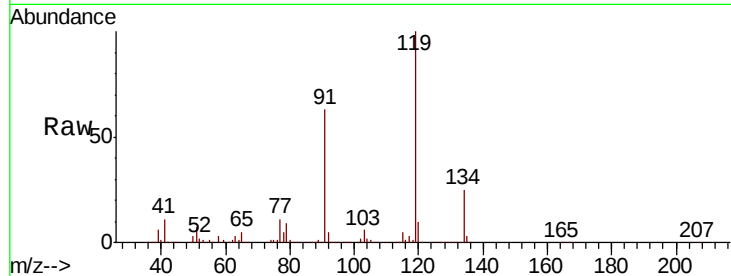




#83
tert-Butylbenzene
Concen: 148.942 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

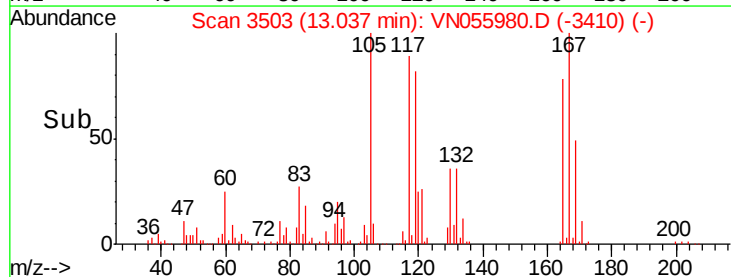
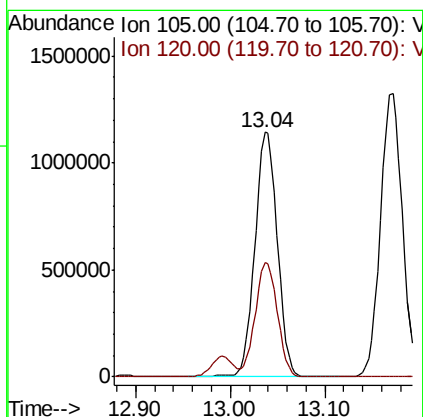
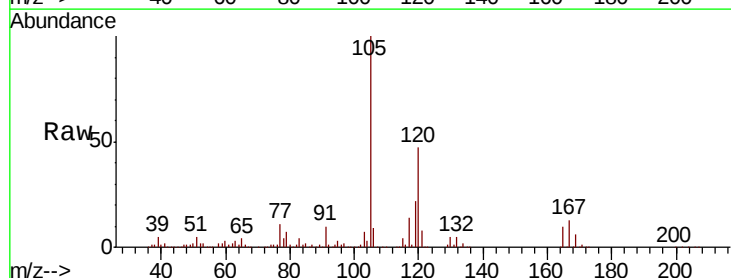
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

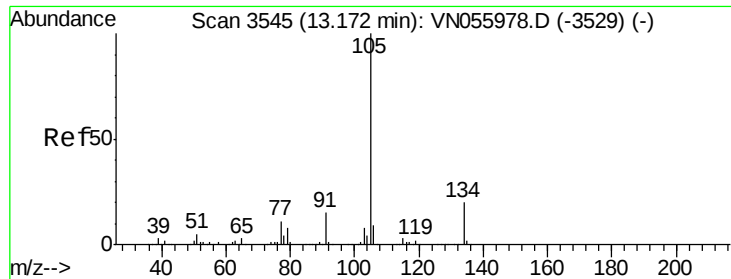
Tot Ion:119 Resp: 1609549
Ion Ratio Lower Upper
119 100
91 61.4 30.9 92.8
134 26.6 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 137.203 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion:105 Resp: 1880311
Ion Ratio Lower Upper
105 100
120 46.2 23.0 69.0





#85

sec-Butylbenzene

Concen: 132.023 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampled :

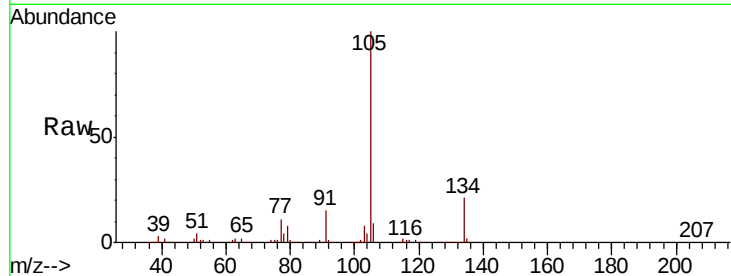
VSTDIC150

Tot Ion:105 Resp: 2126037

Ion Ratio Lower Upper

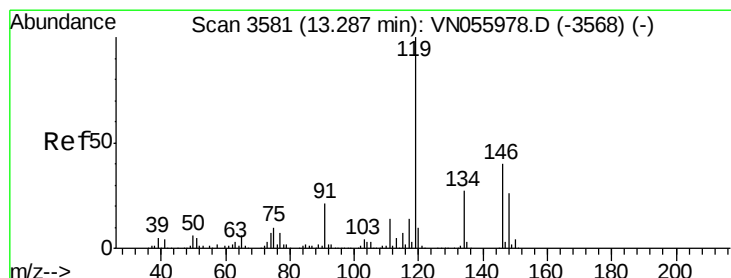
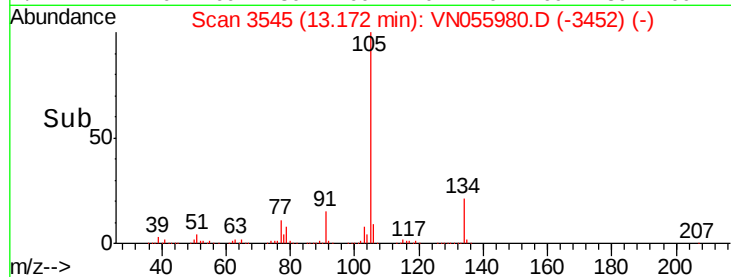
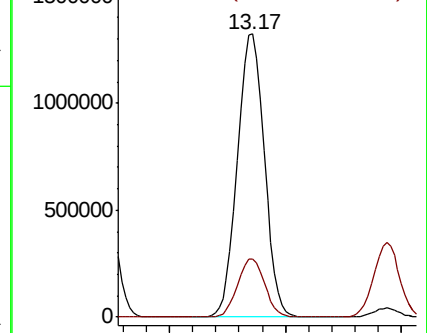
105 100

134 20.7 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: 138.252 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

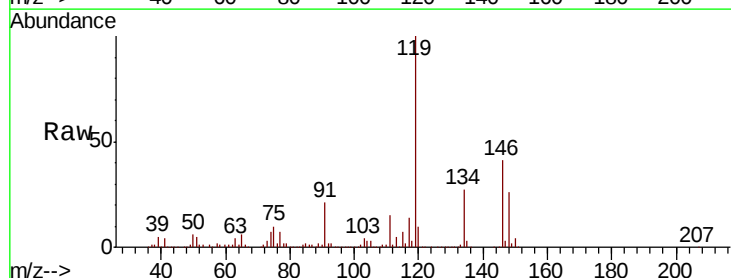
Tgt Ion:119 Resp: 1992495

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

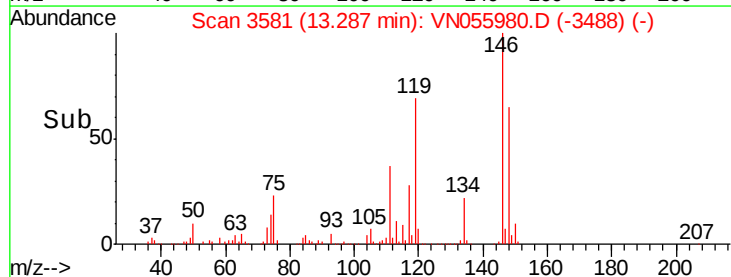
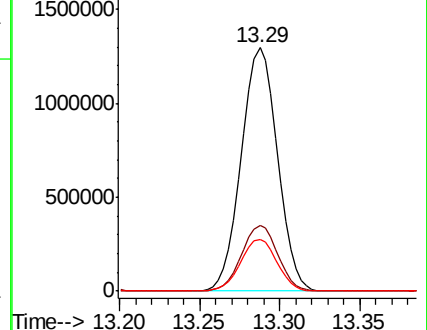
91 21.4 10.9 32.9

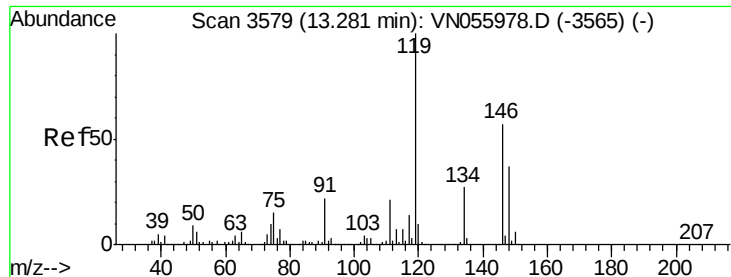


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 144.808 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

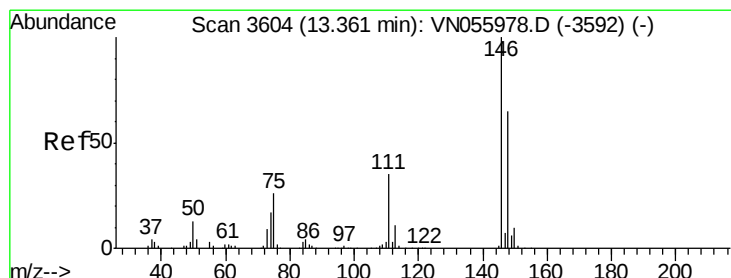
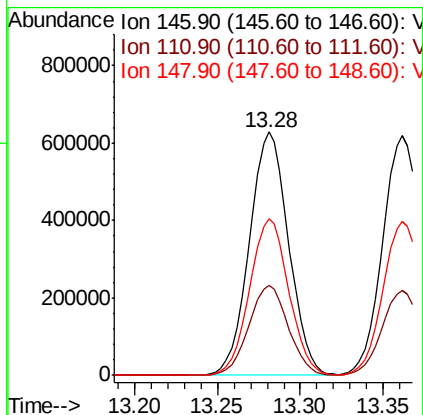
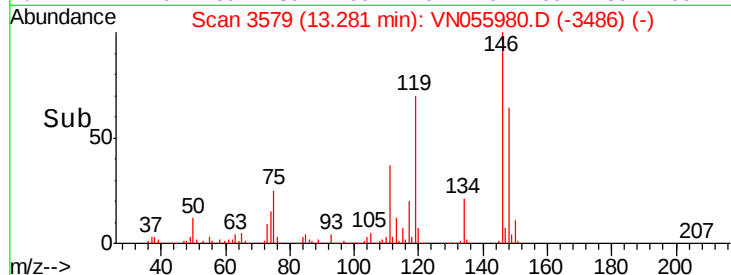
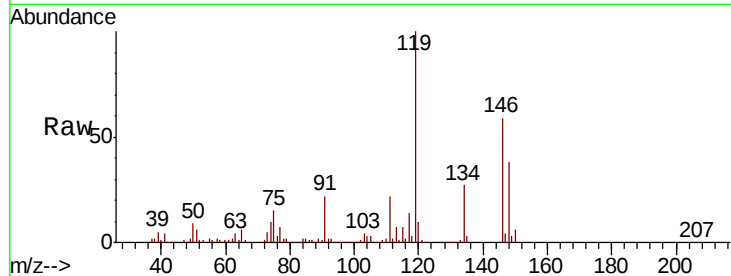
Tot Ion:146 Resp: 1031368

Ion Ratio Lower Upper

146 100

111 37.1 18.5 55.5

148 64.3 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 148.067 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

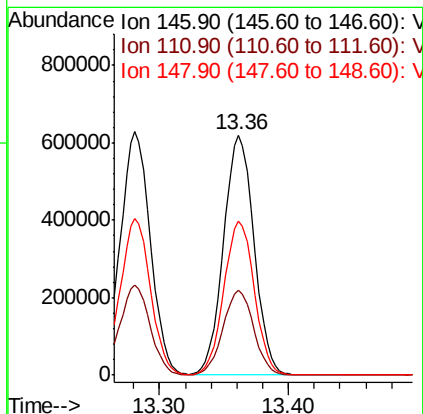
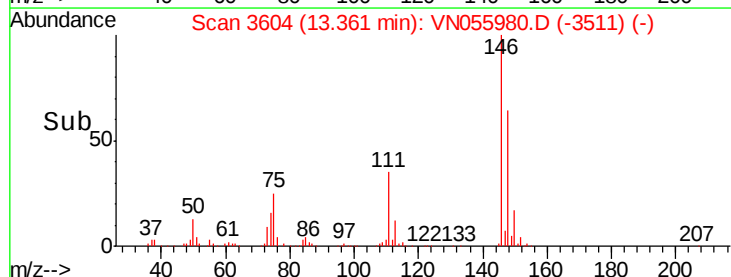
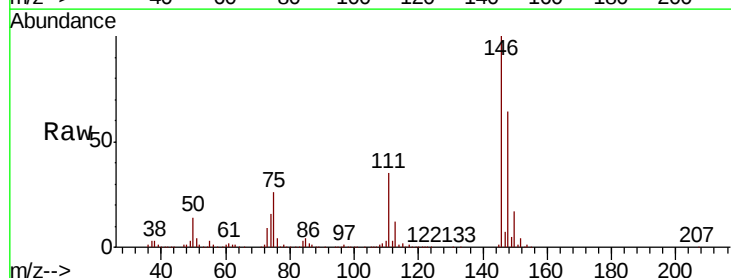
Tgt Ion:146 Resp: 1014458

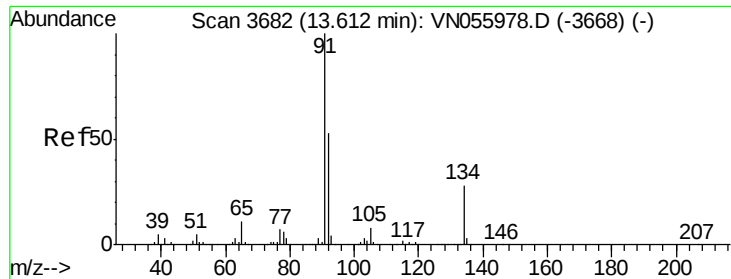
Ion Ratio Lower Upper

146 100

111 35.4 18.1 54.4

148 64.3 32.1 96.5

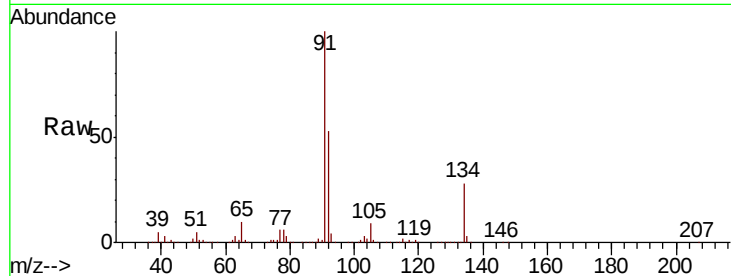




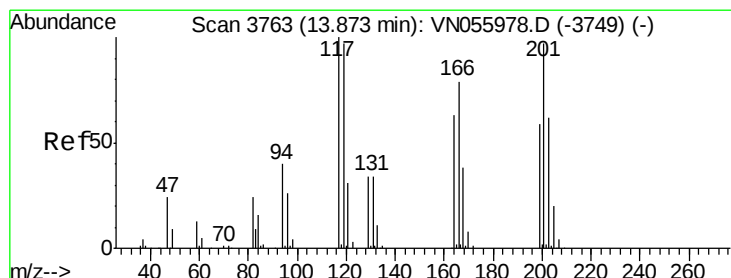
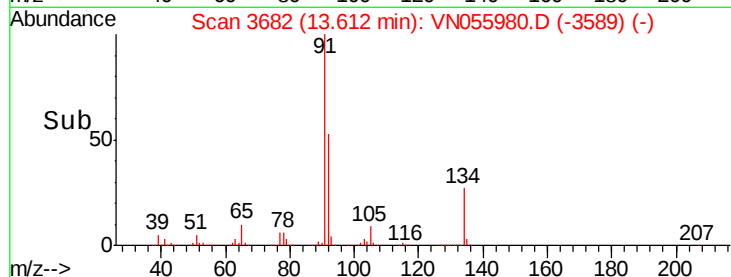
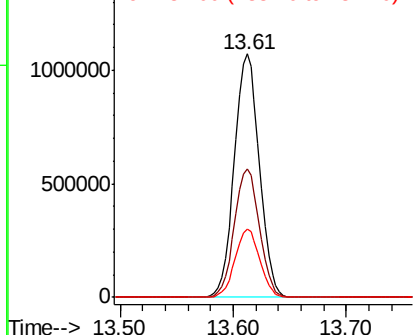
#89
n-Butylbenzene
Concen: 154.472 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 1649178
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 27.9 13.9 41.7

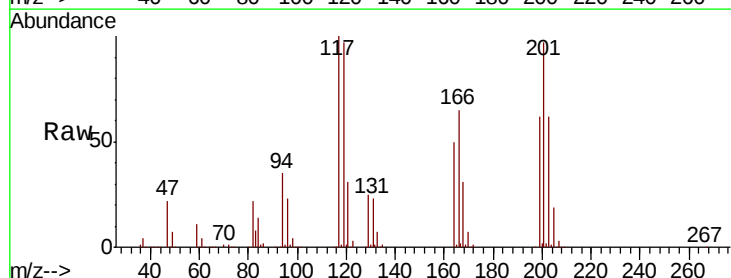


Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3668) (-)
Ion 92.00 (91.70 to 92.70): VN055978.D (-3668) (-)
Ion 134.00 (133.70 to 134.70): VN055978.D (-3668) (-)

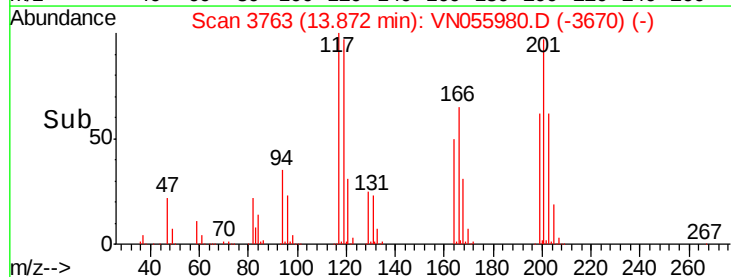
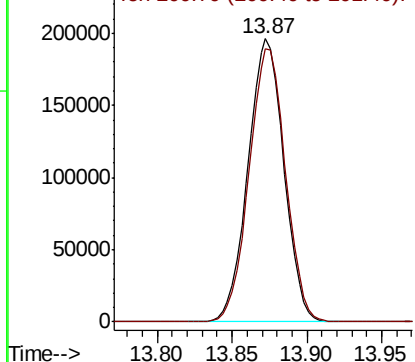


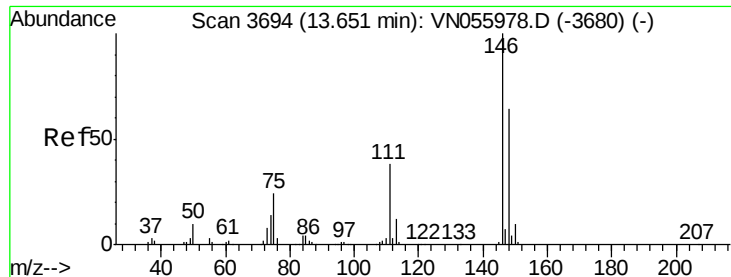
#90
Hexachloroethane
Concen: 150.695 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN055980.D
Acq: 4 Jun 2019 10:27

Tgt Ion: 117 Resp: 327530
Ion Ratio Lower Upper
117 100
201 97.9 50.0 150.0



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-3749) (-)
Ion 200.70 (200.40 to 201.40): VN055978.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 140.108 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

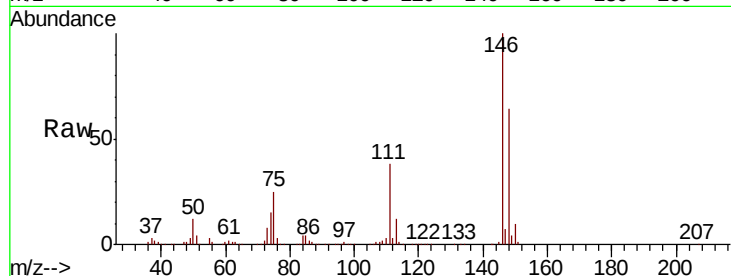
Tot Ion:146 Resp: 1007481

Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.5

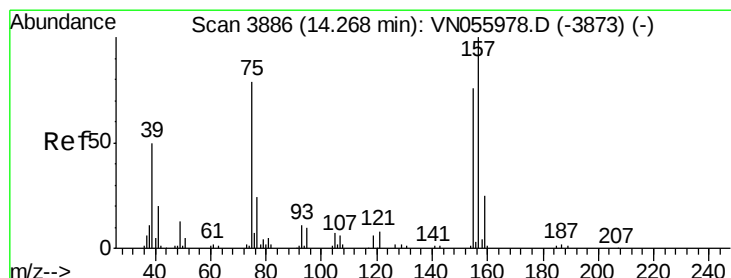
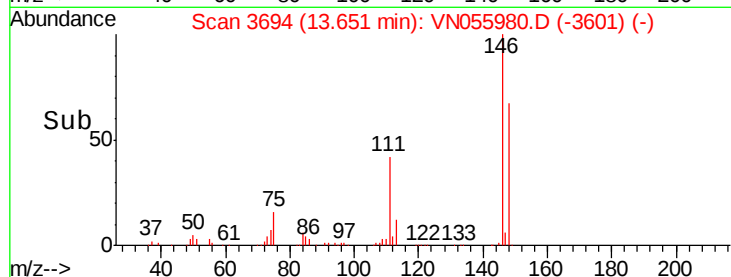
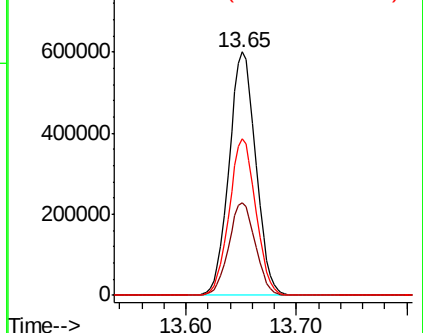
148 64.1 31.9 95.9



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: 165.110 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

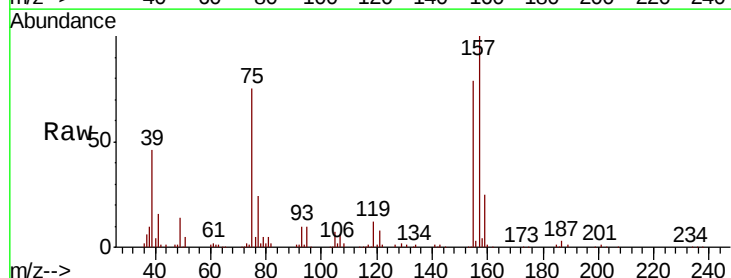
Tgt Ion: 75 Resp: 117836

Ion Ratio Lower Upper

75 100

155 105.2 50.0 150.1

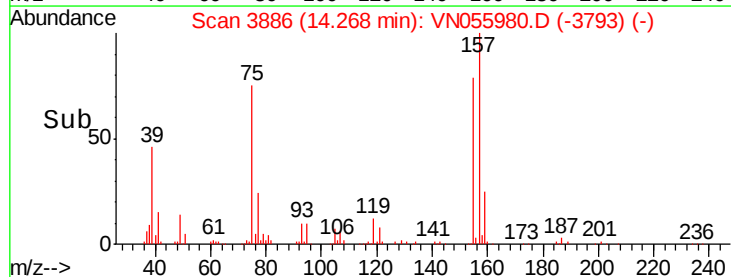
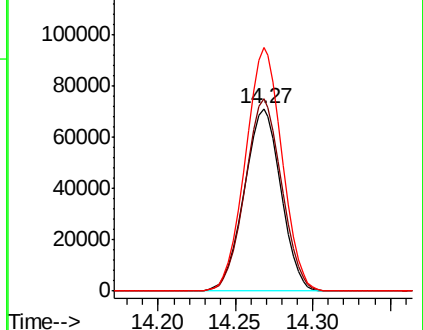
157 133.1 64.8 194.3

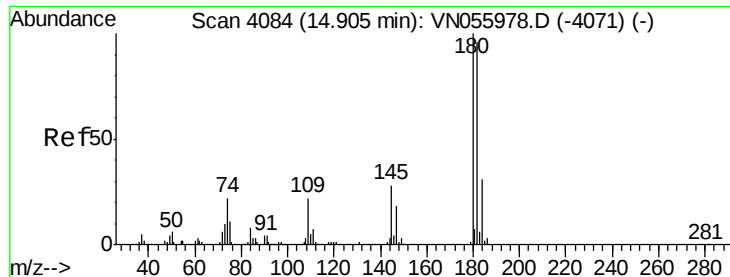


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

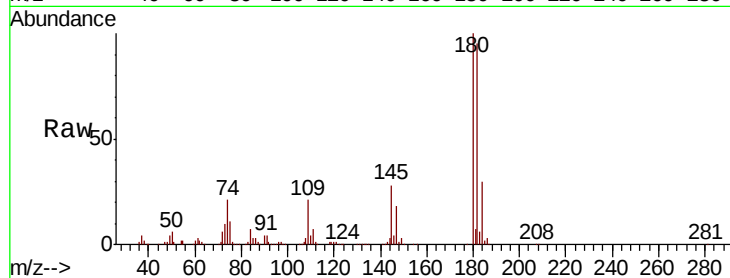




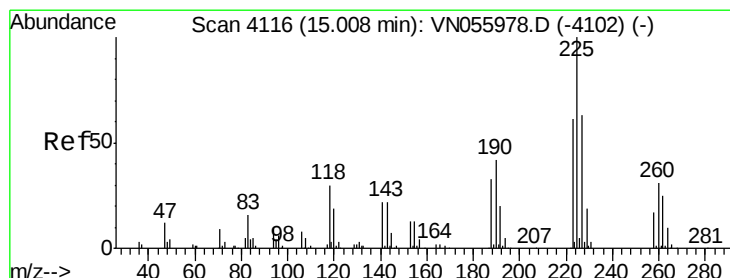
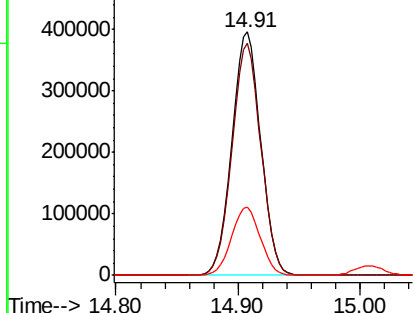
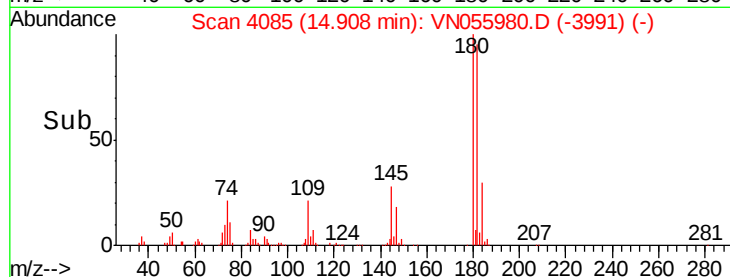
#93
 1,2,4-Trichlorobenzene
 Concen: 154.078 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:180 Resp: 649052
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.3 144.9
 145 28.0 14.0 41.9

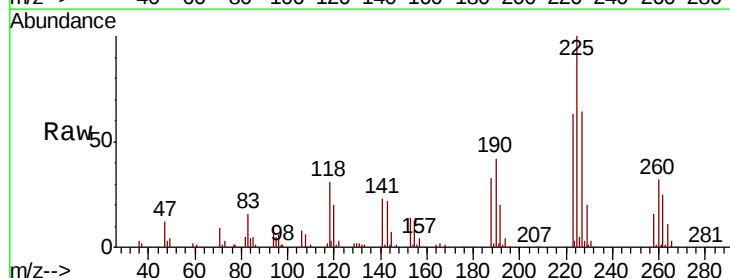


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

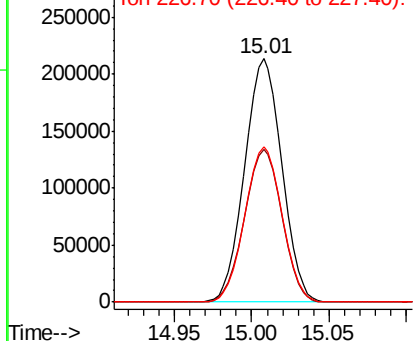
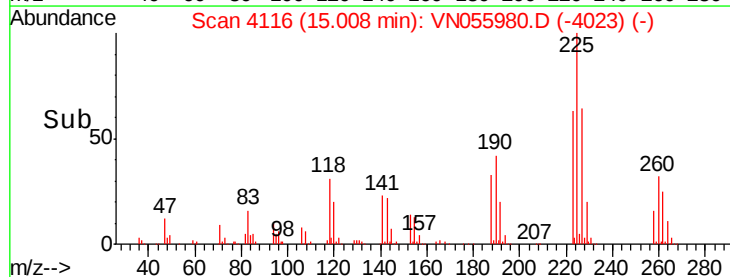


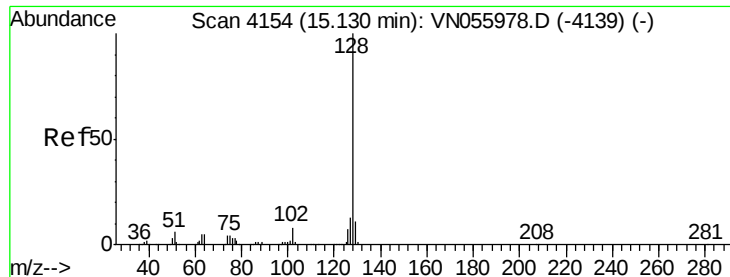
#94
 Hexachlorobutadiene
 Concen: 149.592 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN055980.D
 Acq: 4 Jun 2019 10:27

Tgt Ion:225 Resp: 358693
 Ion Ratio Lower Upper
 225 100
 223 63.1 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: 153.299 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

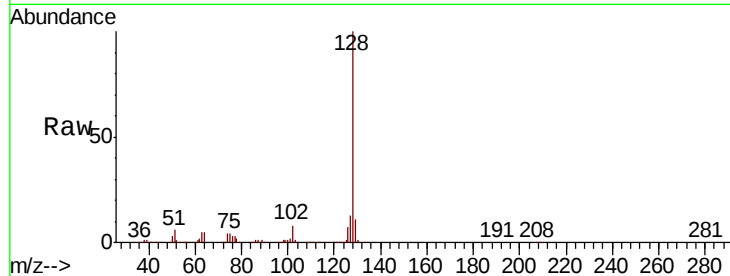
Tot Ion:128 Resp: 1664652

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

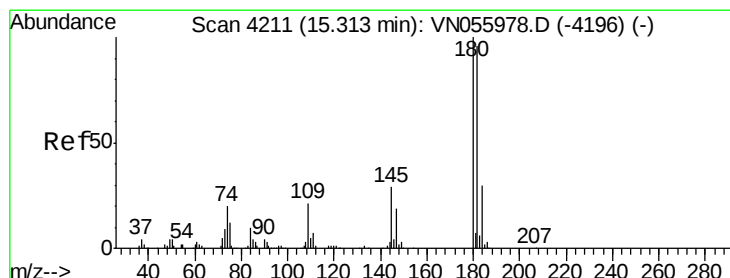
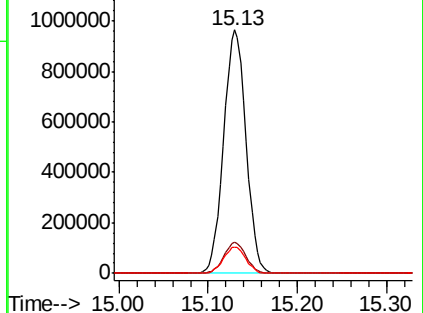
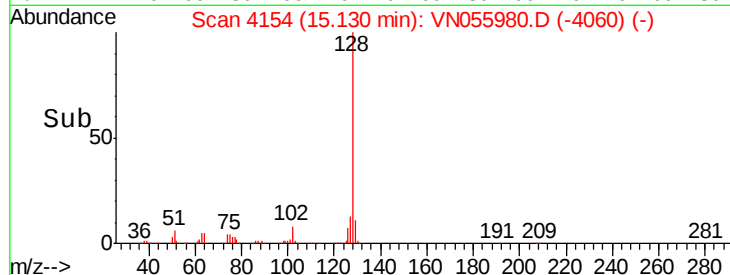
129 10.9 8.7 13.1



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: 153.446 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN055980.D

Acq: 4 Jun 2019 10:27

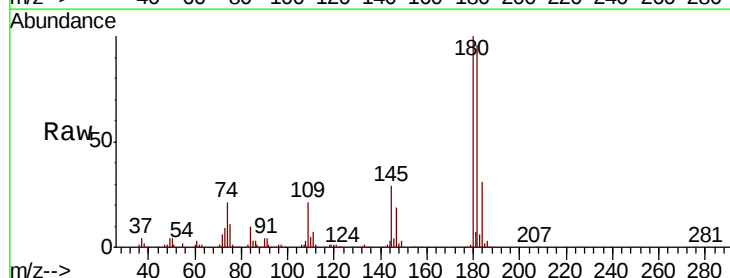
Tgt Ion:180 Resp: 646629

Ion Ratio Lower Upper

180 100

182 95.6 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

