

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060566.D
 Acq On : 17 Mar 2020 19:35
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 18 08:07:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:02:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	219039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	369396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	342347	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166060	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	302240	104.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	209.84%	
35) Dibromofluoromethane	7.56	113	227261	124.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	248.24%	
50) Toluene-d8	10.08	98	927955	104.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.42%	
62) 4-Bromofluorobenzene	12.40	95	343912	103.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	222080	108.353	ug/l	99
3) Chloromethane	2.03	50	390174	108.244	ug/l	100
4) Vinyl Chloride	2.16	62	315004	103.575	ug/l	99
5) Bromomethane	2.53	94	134001	99.642	ug/l	99
6) Chloroethane	2.67	64	181456	108.195	ug/l	99
7) Trichlorofluoromethane	3.00	101	384327	99.543	ug/l	99
8) Diethyl Ether	3.38	74	155962	105.870	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	223311	101.906	ug/l	100
10) Methyl Iodide	3.93	142	214853	108.783	ug/l	99
11) Tert butyl alcohol	4.73	59	222884	529.919	ug/l	100
12) 1,1-Dichloroethene	3.72	96	234567	100.080	ug/l	99
13) Acrolein	3.57	56	249799	617.593	ug/l	99
14) Allyl chloride	4.29	41	412693	105.415	ug/l	99
15) Acrylonitrile	4.94	53	684980	604.767	ug/l	99
16) Acetone	3.78	43	537498	573.913	ug/l	100
17) Carbon Disulfide	4.03	76	733029	107.973	ug/l	100
18) Methyl Acetate	4.28	43	308249	100.451	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	807416	104.223	ug/l	98
20) Methylene Chloride	4.52	84	262685	103.416	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	252454	95.188	ug/l	95
22) Diisopropyl ether	5.92	45	904720	112.085	ug/l	95
23) Vinyl Acetate	5.86	43	3776456	588.058	ug/l	99
24) 1,1-Dichloroethane	5.82	63	487380	107.501	ug/l	99
25) 2-Butanone	6.80	43	907979	600.398	ug/l	99
26) 2,2-Dichloropropane	6.80	77	371914	92.470	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	288456	98.570	ug/l	99
28) Bromochloromethane	7.17	49	238628	123.156	ug/l	100
29) Tetrahydrofuran	7.18	42	621341	589.011	ug/l	99
30) Chloroform	7.35	83	462405	103.184	ug/l	99
31) Cyclohexane	7.63	56	466978	108.730	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	405412	102.261	ug/l	99
36) 1,1-Dichloropropene	7.77	75	368356	102.808	ug/l	100
37) Ethyl Acetate	6.90	43	392452	114.966	ug/l	99
38) Carbon Tetrachloride	7.75	117	339405	99.139	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	435519	103.182	ug/l	99
40) Benzene	8.02	78	1096423	105.317	ug/l	100
41) Methacrylonitrile	7.14	41	173514	111.717	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	375082	100.976	ug/l	99
43) Isopropyl Acetate	8.14	43	659091	110.906	ug/l	100
44) Trichloroethene	8.82	130	277531	96.823	ug/l	98
45) 1,2-Dichloropropane	9.10	63	293796	108.095	ug/l	100
46) Dibromomethane	9.19	93	178426	101.976	ug/l	99
47) Bromodichloromethane	9.39	83	374112	105.188	ug/l	99
48) Methyl methacrylate	9.18	41	303123	112.000	ug/l	100
49) 1,4-Dioxane	9.18	88	73133	1949.027	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1915148	567.244	ug/l	99
52) Toluene	10.14	92	670338	103.090	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	433697	99.669	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	464104	102.636	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	255740	98.310	ug/l	99
56) Ethyl methacrylate	10.42	69	436451	115.701	ug/l	100
57) 1,3-Dichloropropane	10.70	76	450272	105.559	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	1071550	545.486	ug/l	100
59) 2-Hexanone	10.74	43	1414489	571.208	ug/l	99
60) Dibromochloromethane	10.89	129	279255	105.597	ug/l	100
61) 1,2-Dibromoethane	10.99	107	268663	105.638	ug/l	99
64) Tetrachloroethene	10.62	164	262256	86.605	ug/l	99
65) Chlorobenzene	11.43	112	688741	99.230	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	252118	98.872	ug/l	98
67) Ethyl Benzene	11.50	91	1297995	102.218	ug/l	99
68) m/p-Xylenes	11.62	106	961849	200.867	ug/l	99
69) o-Xylene	11.94	106	464023	101.692	ug/l	99
70) Styrene	11.96	104	796195	106.228	ug/l	99
71) Bromoform	12.12	173	208092	112.520	ug/l #	99
73) Isopropylbenzene	12.25	105	1227903	98.867	ug/l	100
74) N-amyl acetate	12.06	43	598225	108.997	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	373481	109.000	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	516952	142.414	ug/l #	100
77) Bromobenzene	12.52	156	294149	96.951	ug/l	100
78) n-propylbenzene	12.59	91	1460159	100.066	ug/l	99
79) 2-Chlorotoluene	12.67	91	856758	99.687	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	1043641	99.771	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	146022	109.358	ug/l	98
82) 4-Chlorotoluene	12.77	91	897118	99.240	ug/l	100
83) tert-Butylbenzene	12.99	119	865253	96.200	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	1047344	99.365	ug/l	100
85) sec-Butylbenzene	13.17	105	1171647	97.068	ug/l	100
86) p-Isopropyltoluene	13.28	119	1061666	95.237	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	526161	92.701	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	529225	93.449	ug/l	100
89) n-Butylbenzene	13.61	91	972249	95.060	ug/l	100
90) Hexachloroethane	13.87	117	167740	104.111	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	504528	95.064	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	79979	104.447	ug/l	99

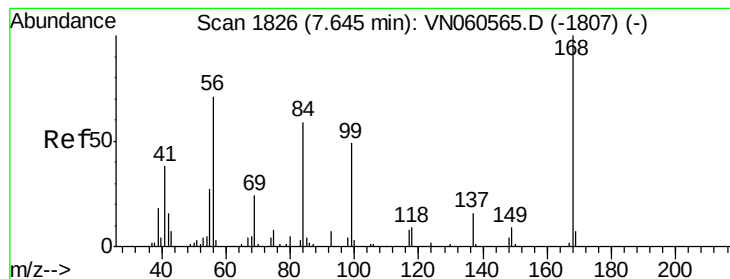
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	325964	87.249	ug/l	99
94) Hexachlorobutadiene	15.01	225	149082	84.055	ug/l	98
95) Naphthalene	15.13	128	981751	91.051	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	308360	87.707	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

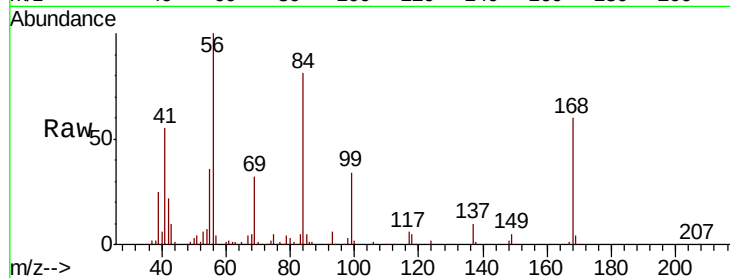
VSTDIC100

Tot Ion:168 Resp: 219039

Ion Ratio Lower Upper

168 100

99 57.0 44.0 66.0



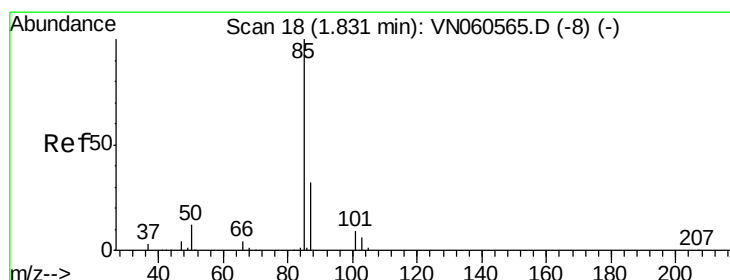
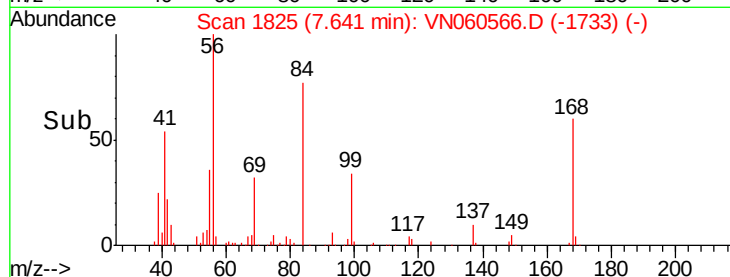
Abundance Ion 167.90 (167.60 to 168.60): VN060565.D (-1807) (-)

Ion 98.90 (98.60 to 99.60): VN060565.D (-1807) (-)

7.64

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 108.353 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060566.D

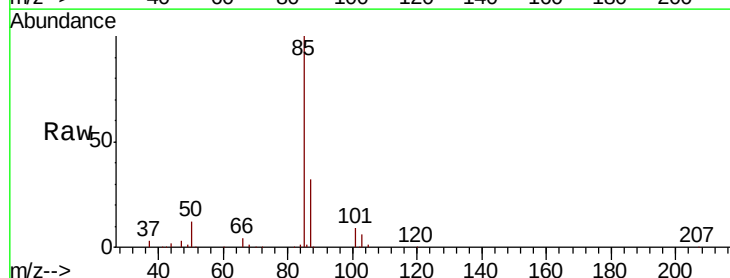
Acq: 17 Mar 2020 19:35

Tgt Ion: 85 Resp: 222080

Ion Ratio Lower Upper

85 100

87 32.0 16.2 48.5



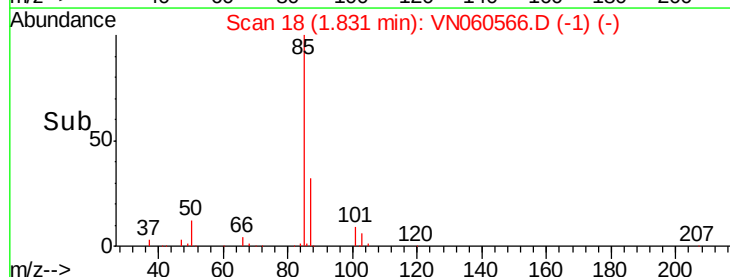
Abundance Ion 84.90 (84.60 to 85.60): VN060565.D (-8) (-)

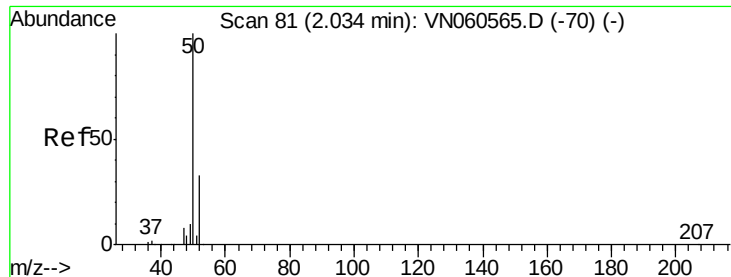
Ion 86.90 (86.60 to 87.60): VN060565.D (-8) (-)

1.83

1.75 1.90

Time-->

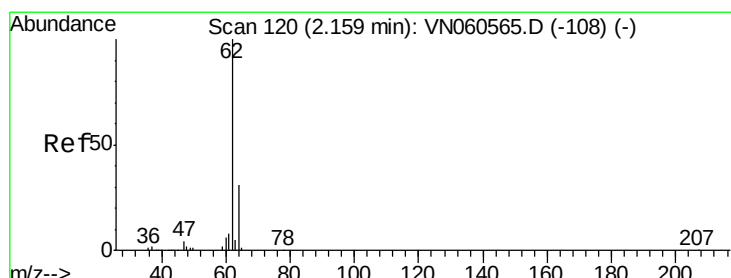
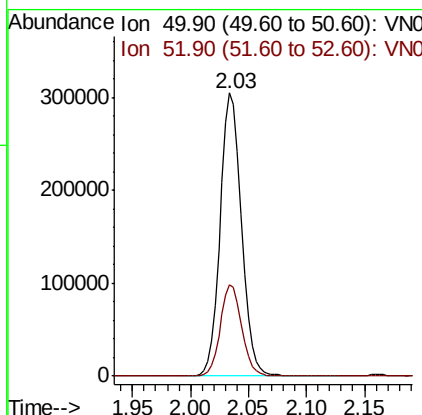
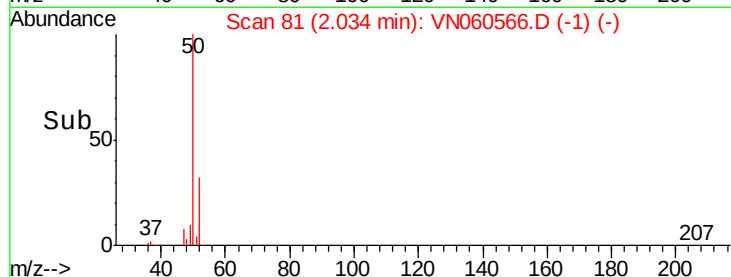
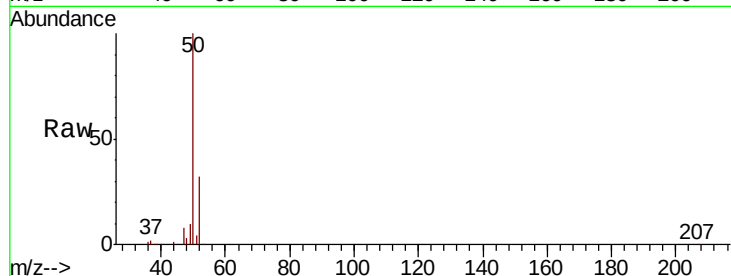




#3
Chloromethane
Concen: 108.244 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

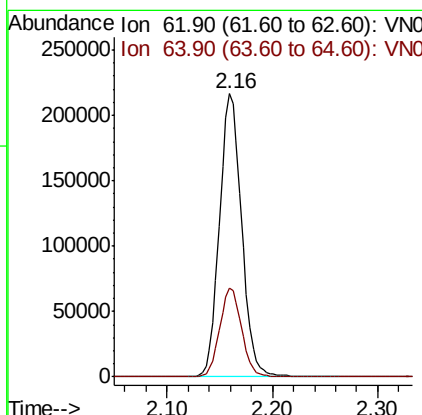
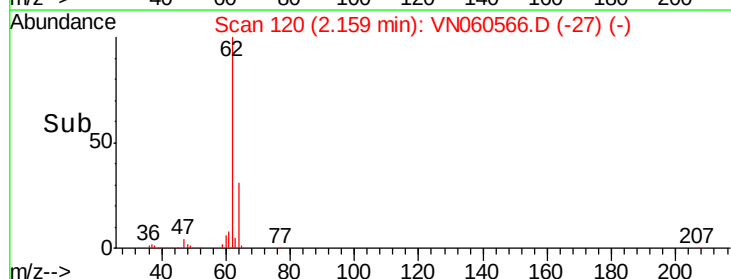
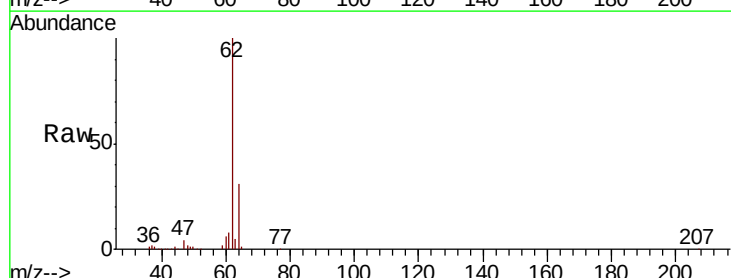
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

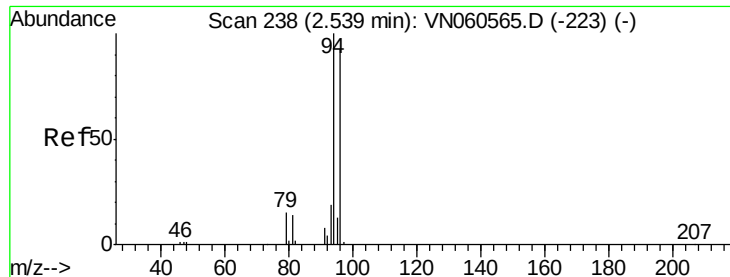
Tot Ion: 50 Resp: 390174
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2



#4
Vinyl Chloride
Concen: 103.575 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 62 Resp: 315004
Ion Ratio Lower Upper
62 100
64 31.2 24.7 37.1





#5

Bromomethane

Concen: 99.642 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

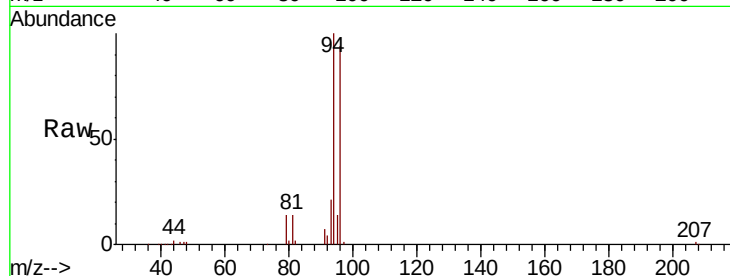
VSTDIC100

Tot Ion: 94 Resp: 134001

Ion Ratio Lower Upper

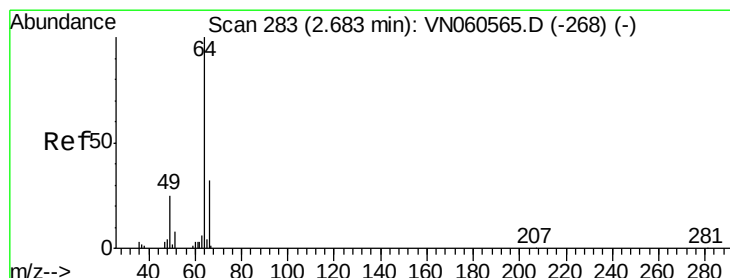
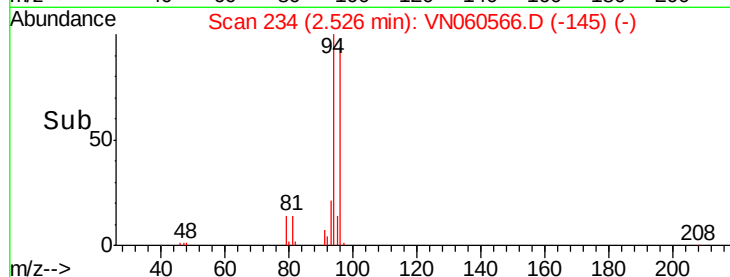
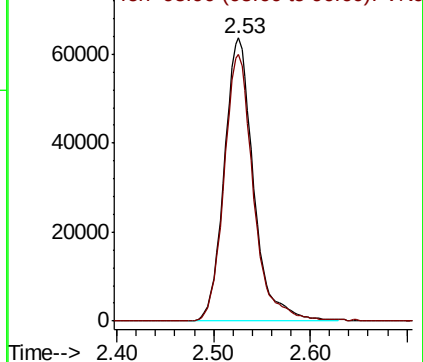
94 100

96 94.3 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN060565.D

Ion 95.90 (95.60 to 96.60): VN060565.D



#6

Chloroethane

Concen: 108.195 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.01 min

Lab File: VN060566.D

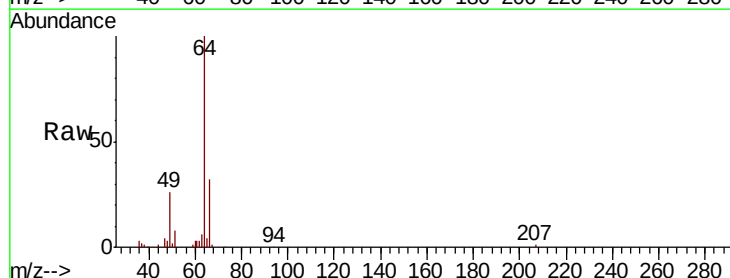
Acq: 17 Mar 2020 19:35

Tgt Ion: 64 Resp: 181456

Ion Ratio Lower Upper

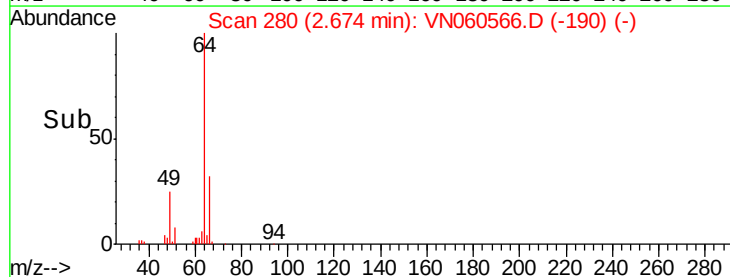
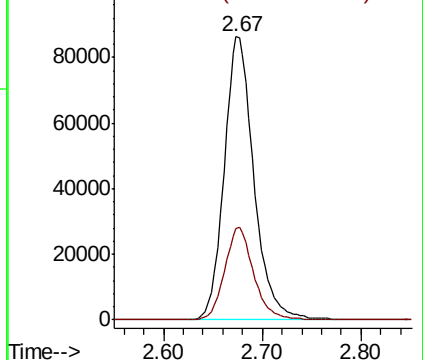
64 100

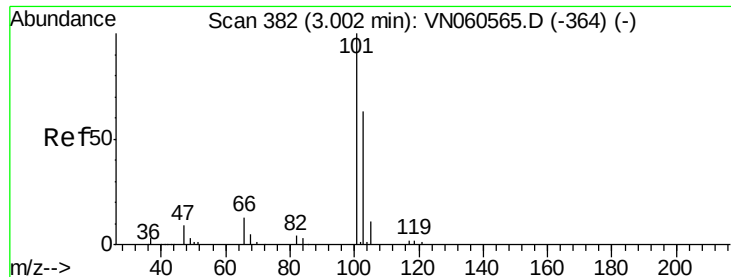
66 32.2 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN060565.D

Ion 65.90 (65.60 to 66.60): VN060565.D



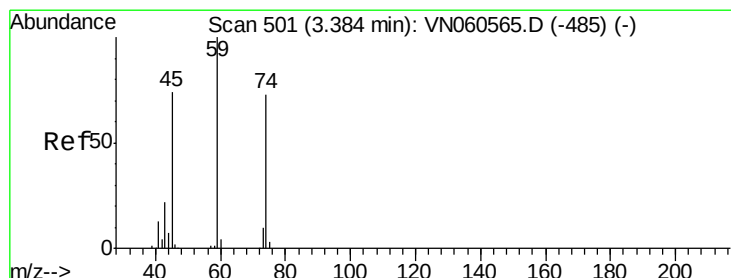
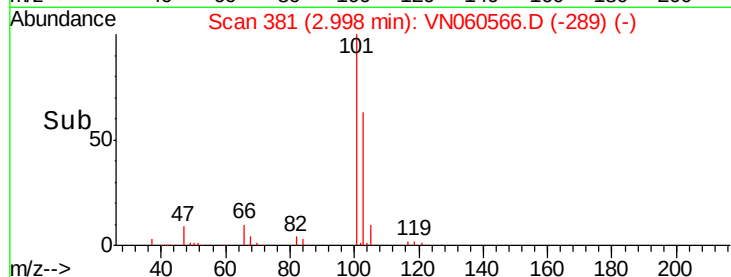
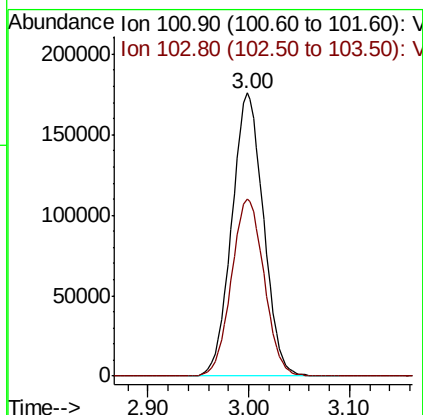
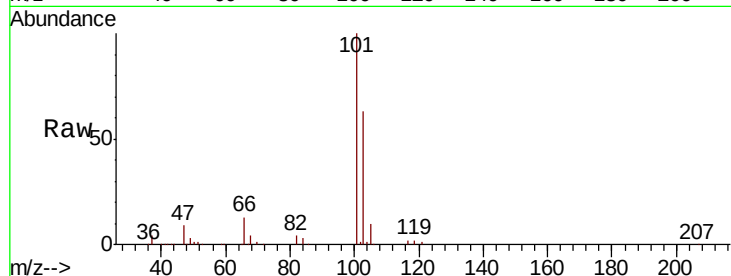


#7

Trichlorofluoromethane
Concen: 99.543 ug/l
RT: 3.00 min Scan# 381
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Instrument :
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ClientSampleId :
VSTDIC100

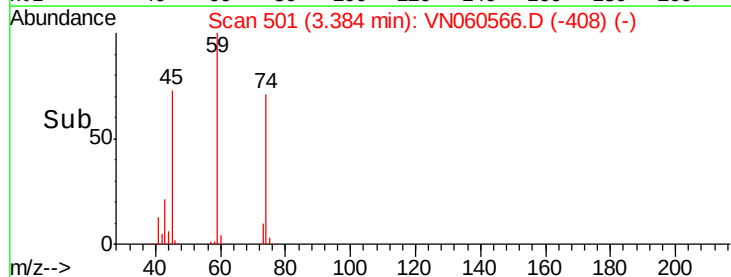
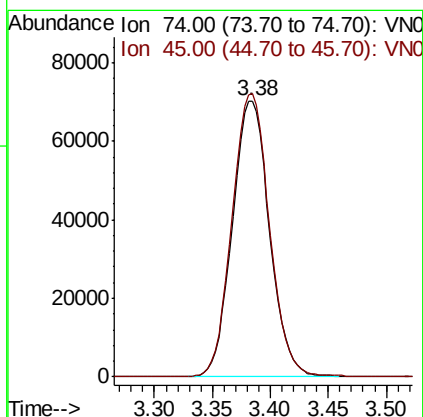
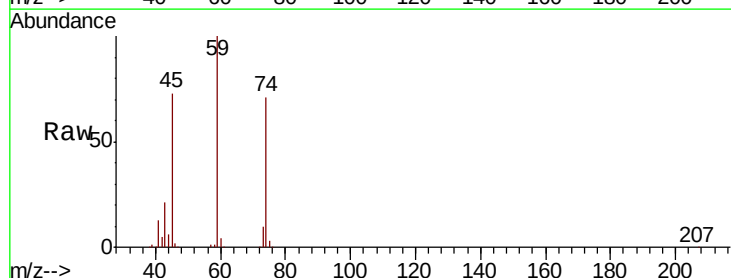
Tot Ion:101 Resp: 384327
Ion Ratio Lower Upper
101 100
103 62.7 50.6 76.0

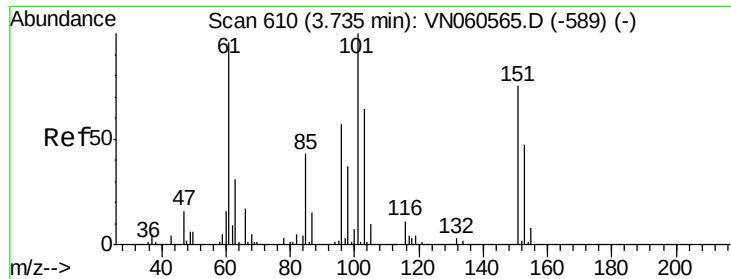


#8

Diethyl Ether
Concen: 105.870 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 74 Resp: 155962
Ion Ratio Lower Upper
74 100
45 103.4 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.906 ug/l

RT: 3.73 min Scan# 610

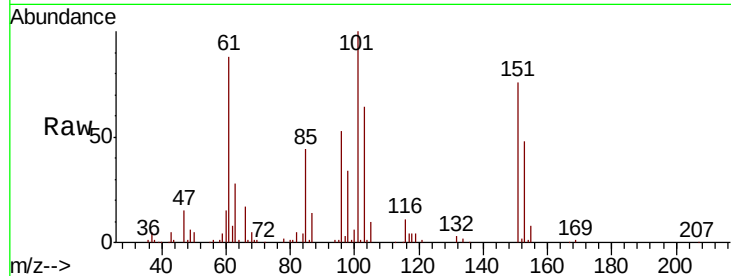
Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.6	53.4
151	76.9	61.4	92.2

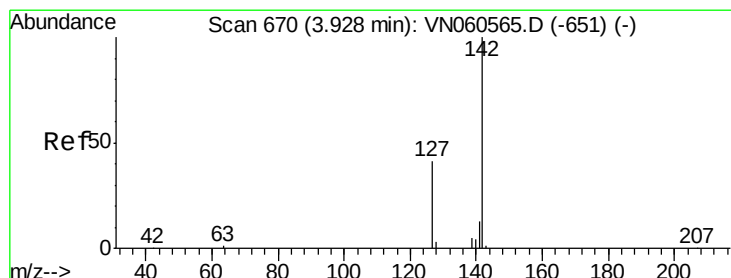
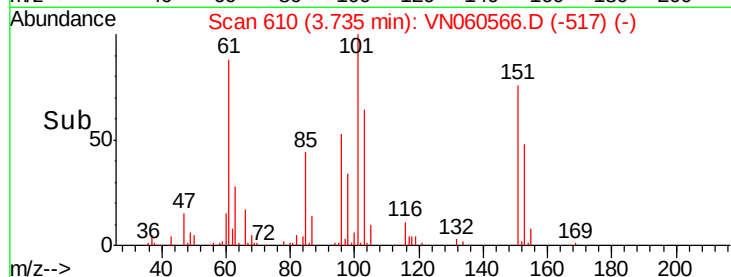
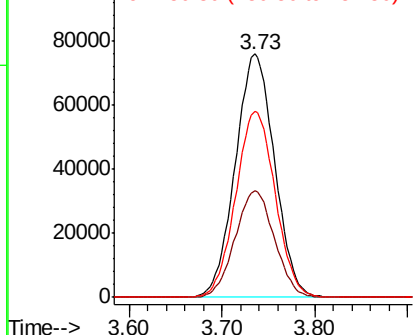


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 108.783 ug/l

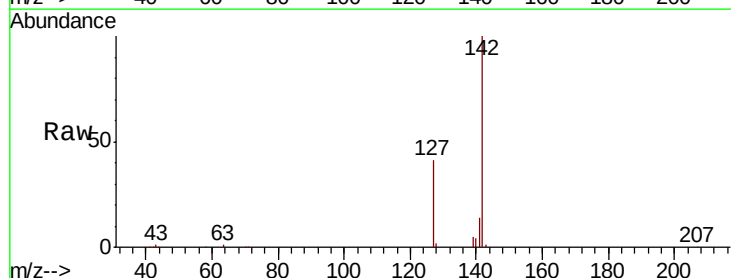
RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Tgt Ion	Ratio	Lower	Upper
142	100		
127	41.5	33.5	50.3
141	13.9	11.0	16.6

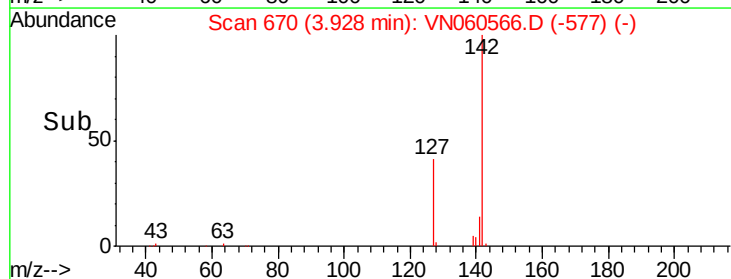
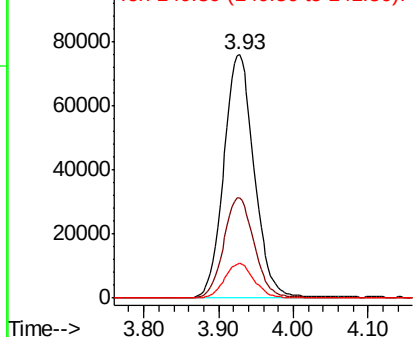


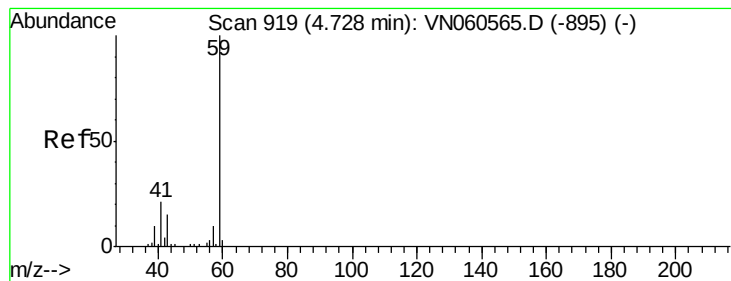
Abundance

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



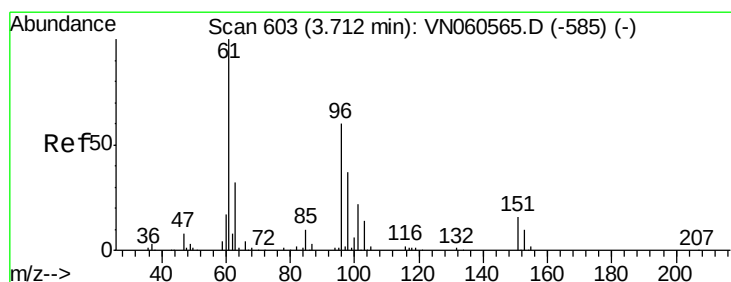
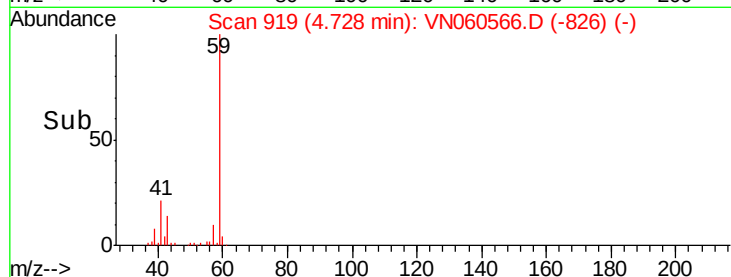
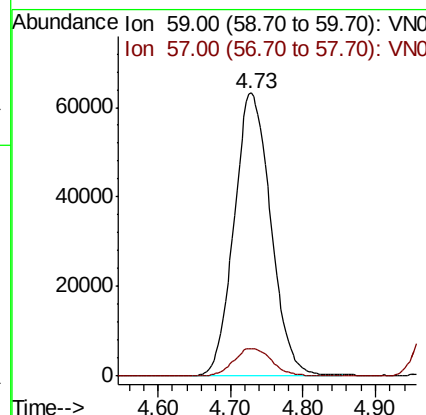
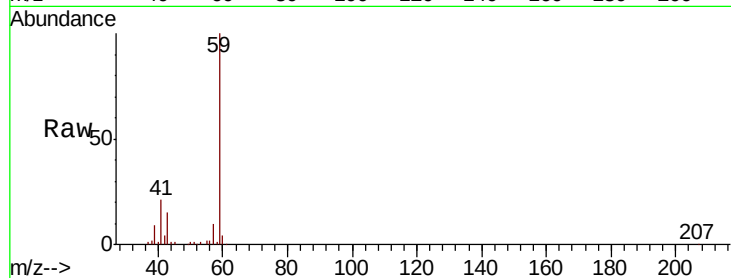


#11

Tert butyl alcohol
 Concen: 529.919 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

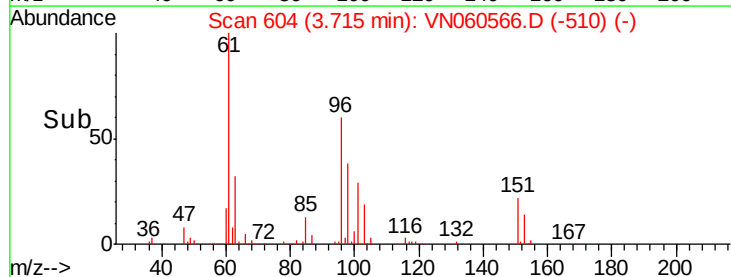
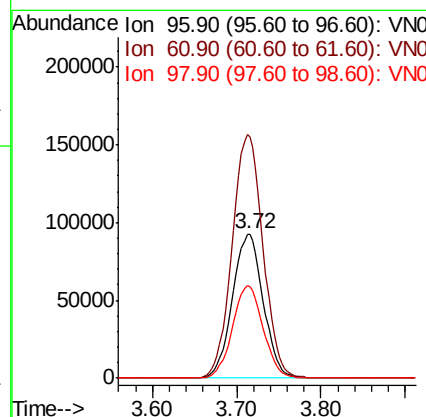
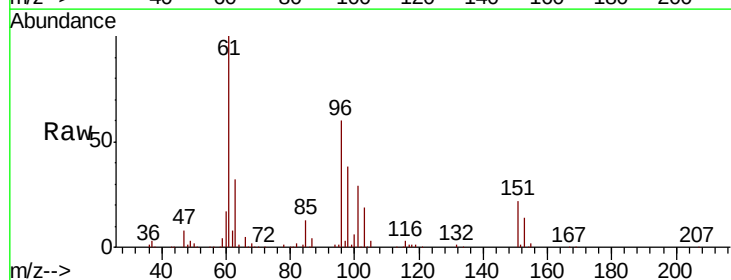
Tot Ion: 59 Resp: 222884
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

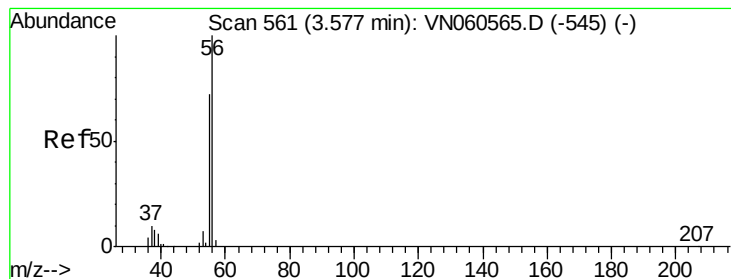


#12

1,1-Dichloroethene
 Concen: 100.080 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

Tgt Ion: 96 Resp: 234567
 Ion Ratio Lower Upper
 96 100
 61 167.8 134.1 201.1
 98 63.7 49.9 74.9





#13

Acrolein

Concen: 617.593 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

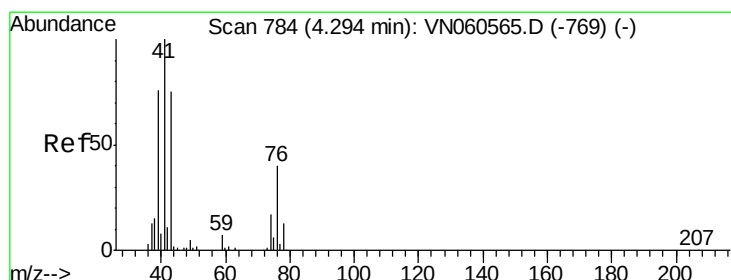
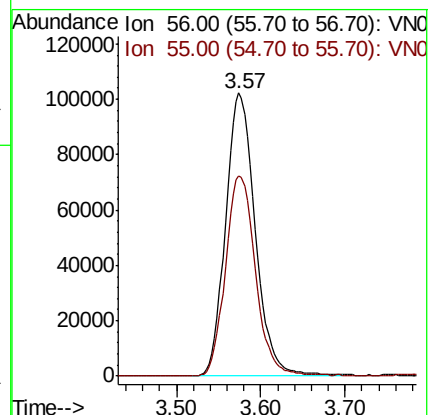
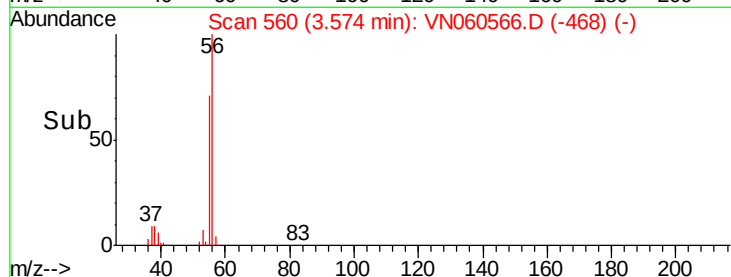
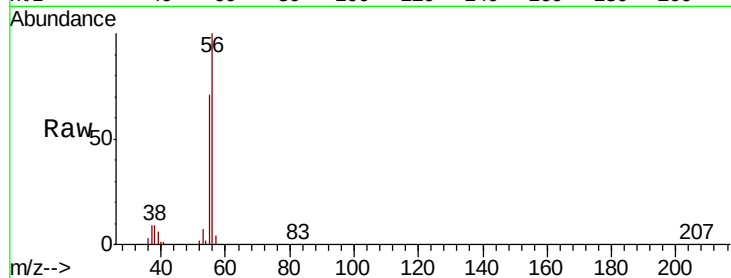
VSTDIC100

Tot Ion: 56 Resp: 249799

Ion Ratio Lower Upper

56 100

55 71.8 56.7 85.1



#14

Allyl chloride

Concen: 105.415 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

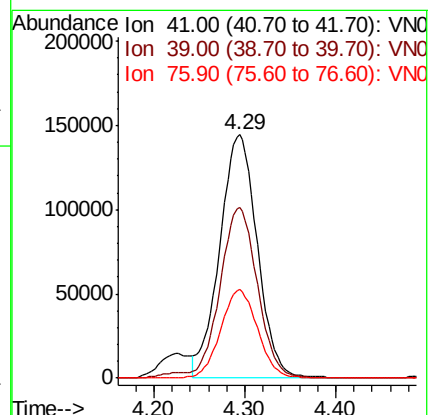
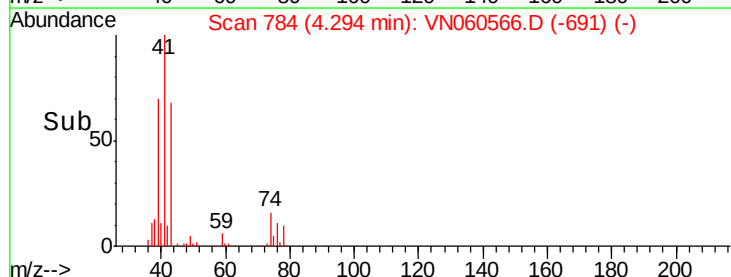
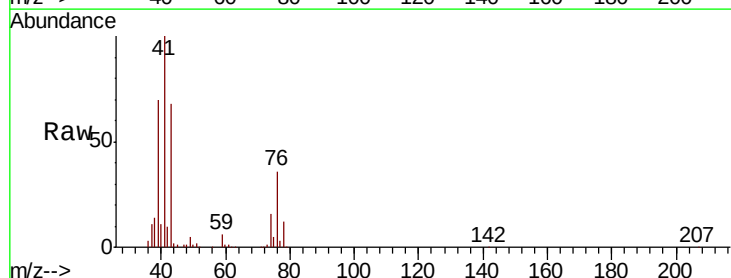
Tgt Ion: 41 Resp: 412693

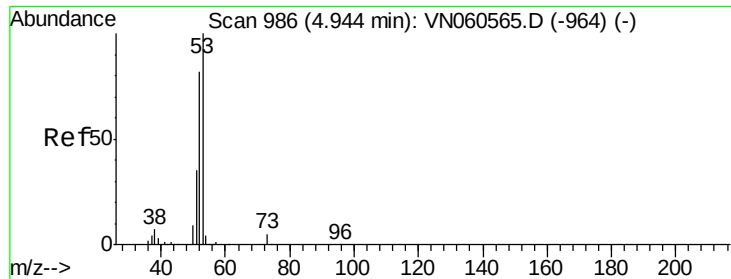
Ion Ratio Lower Upper

41 100

39 71.5 57.8 86.8

76 35.4 28.6 43.0





#15

Acrylonitrile

Concen: 604.767 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

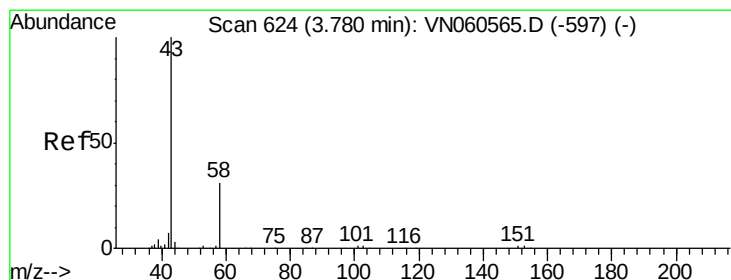
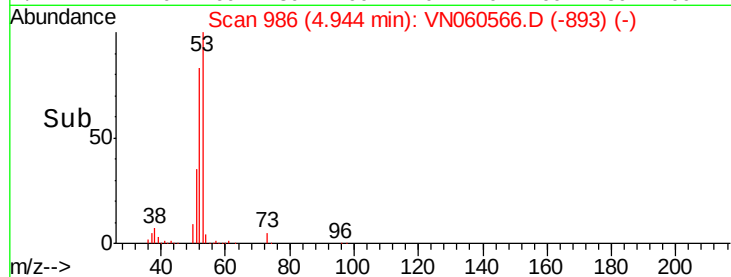
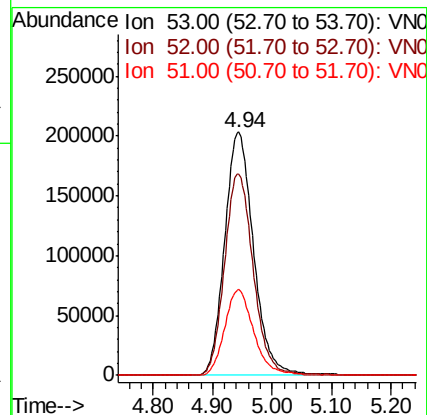
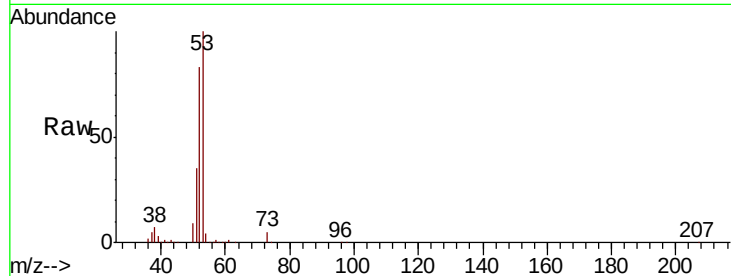
Tot Ion: 53 Resp: 684980

Ion Ratio Lower Upper

53 100

52 82.2 66.2 99.4

51 35.5 28.7 43.1



#16

Acetone

Concen: 573.913 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN060566.D

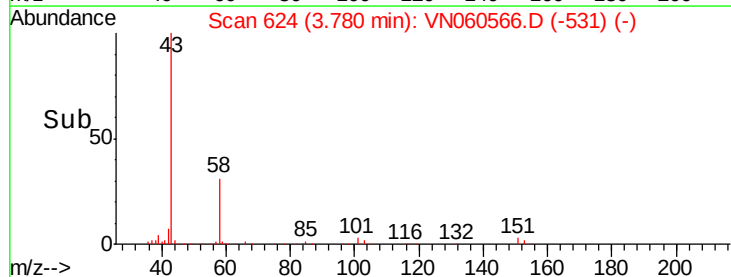
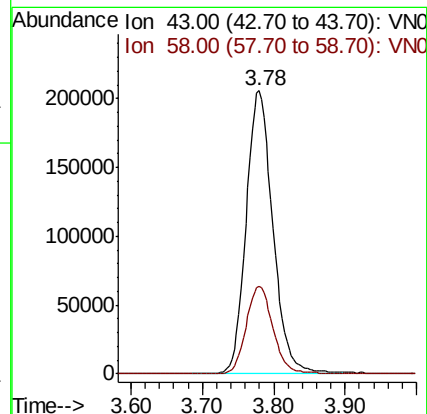
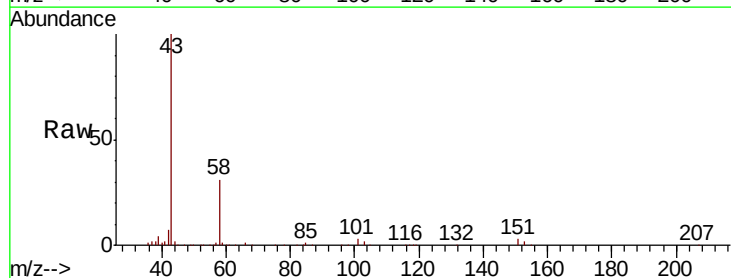
Acq: 17 Mar 2020 19:35

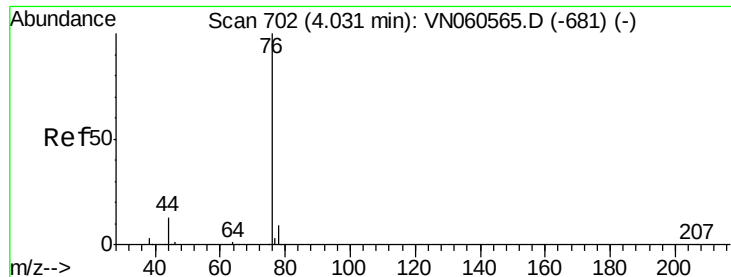
Tgt Ion: 43 Resp: 537498

Ion Ratio Lower Upper

43 100

58 31.1 25.1 37.7





#17

Carbon Disulfide

Concen: 107.973 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

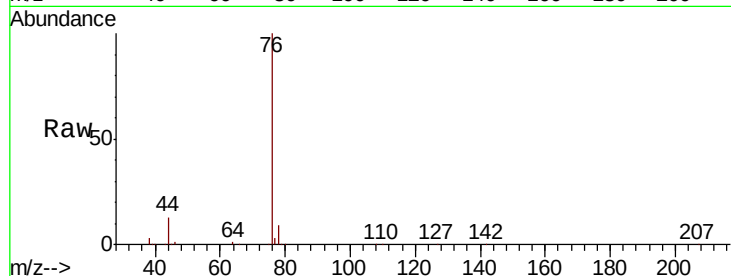
VSTDIC100

Tot Ion: 76 Resp: 733029

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN060566.D (-609) (-)

Ion 77.90 (77.60 to 78.60): VN060566.D (-609) (-)

4.03

300000

250000

200000

150000

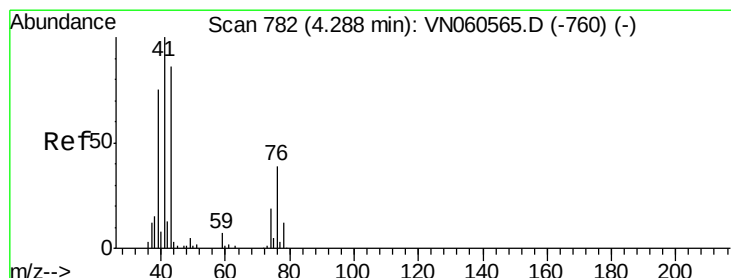
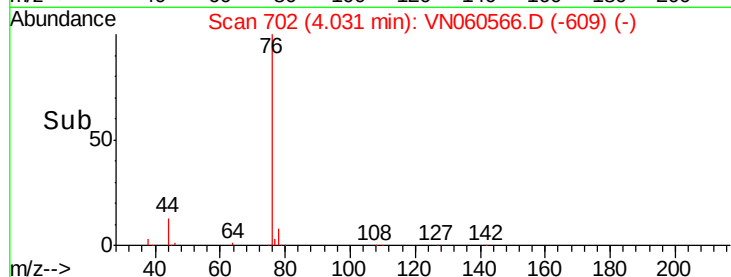
100000

50000

0

3.90 4.00 4.10 4.20 4.30

Time-->



#18

Methyl Acetate

Concen: 100.451 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060566.D

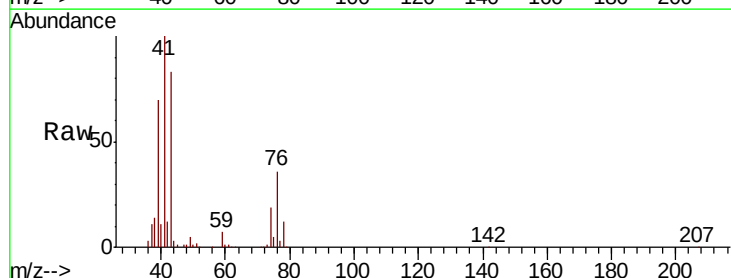
Acq: 17 Mar 2020 19:35

Tgt Ion: 43 Resp: 308249

Ion Ratio Lower Upper

43 100

74 22.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060566.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060566.D (-689) (-)

4.28

120000

100000

80000

60000

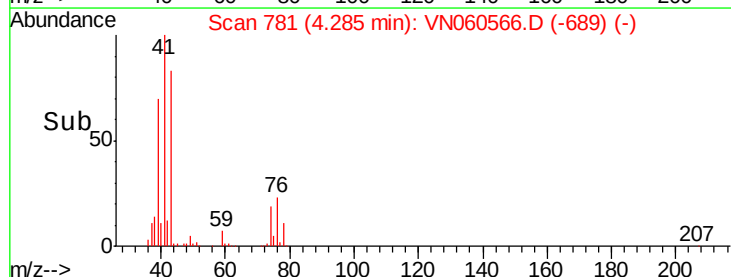
40000

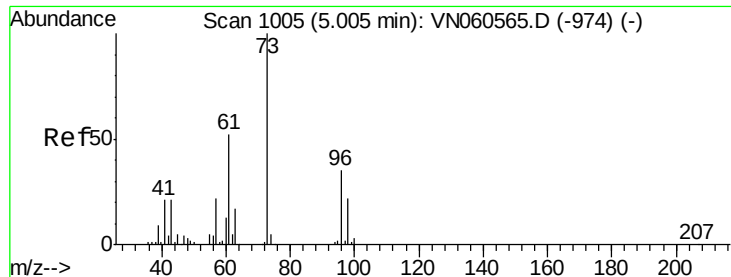
20000

0

4.10 4.20 4.30 4.40 4.50

Time-->

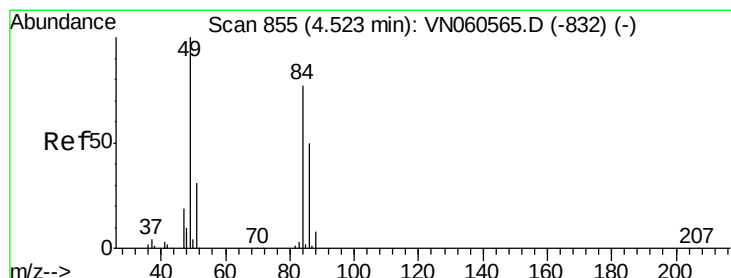
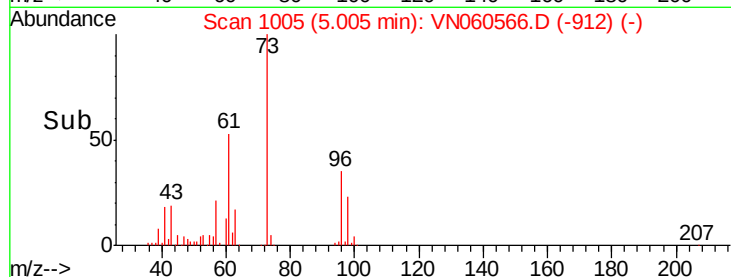
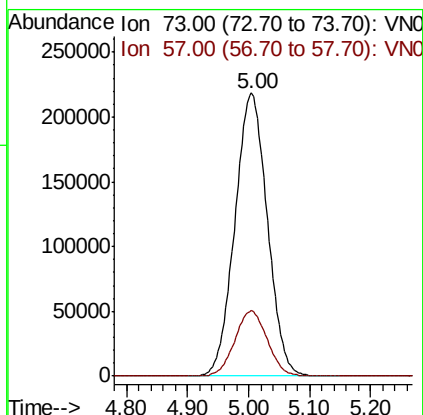
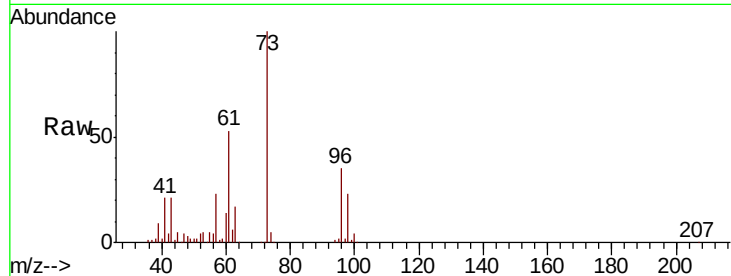




#19
Methyl tert-butyl Ether
Concen: 104.223 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

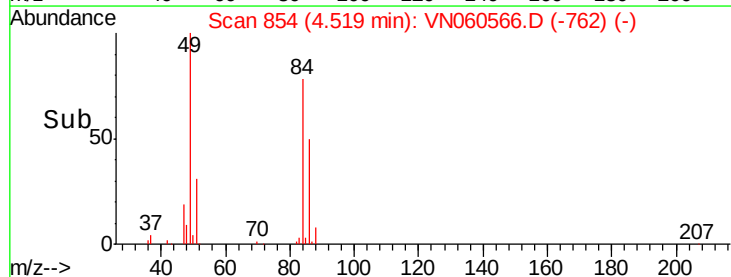
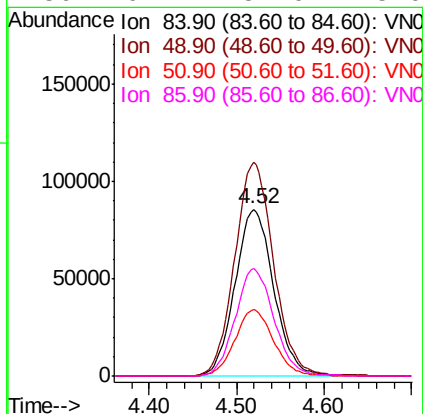
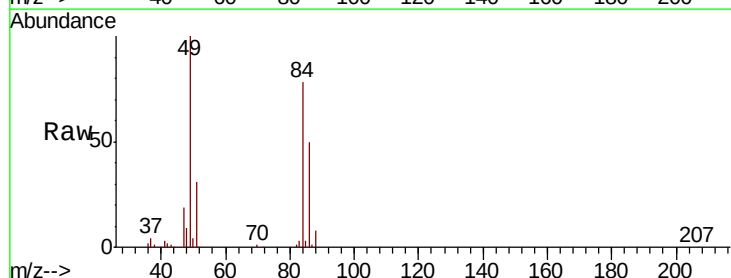
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

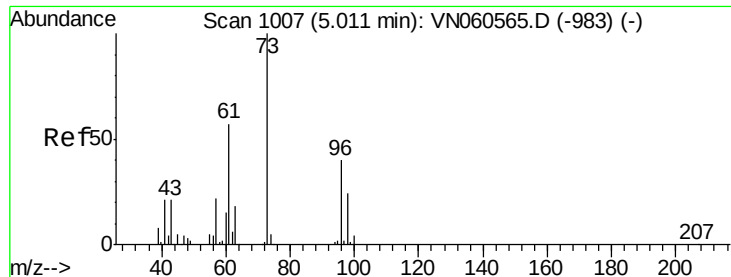
Tot Ion: 73 Resp: 807416
Ion Ratio Lower Upper
73 100
57 23.1 17.5 26.3



#20
Methylene Chloride
Concen: 103.416 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 84 Resp: 262685
Ion Ratio Lower Upper
84 100
49 128.2 103.3 154.9
51 39.7 31.6 47.4
86 64.2 52.0 78.0

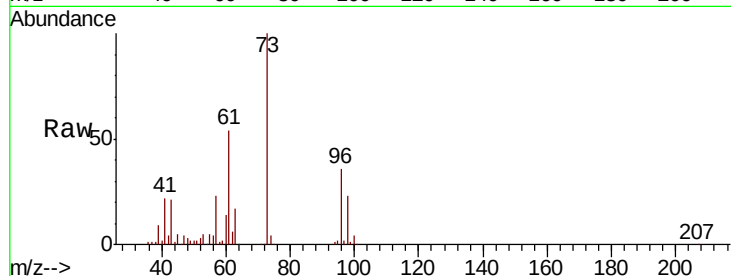




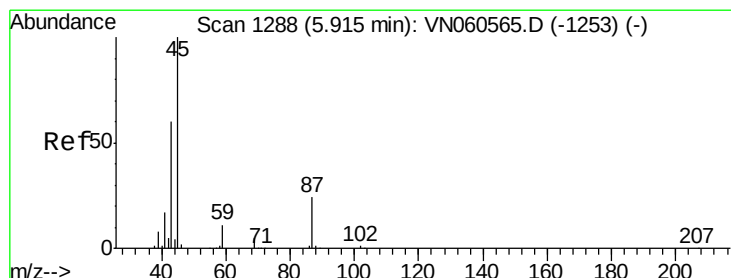
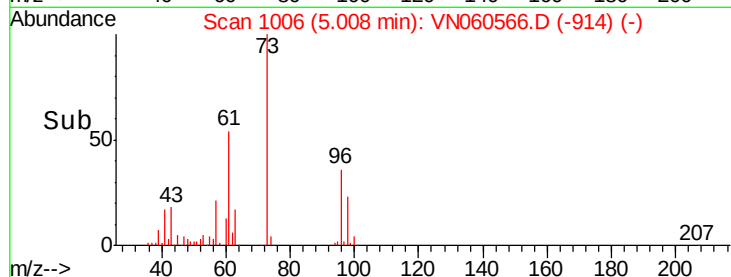
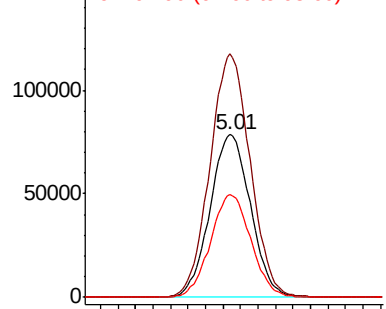
#21
trans-1,2-Dichloroethene
Concen: 95.188 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tot Ion: 96 Resp: 252454
Ion Ratio Lower Upper
96 100
61 149.5 114.4 171.6
98 63.1 48.4 72.6

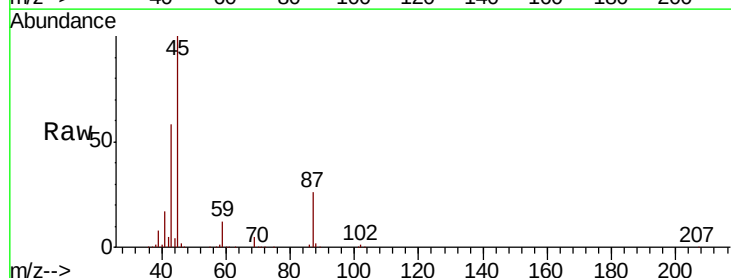


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

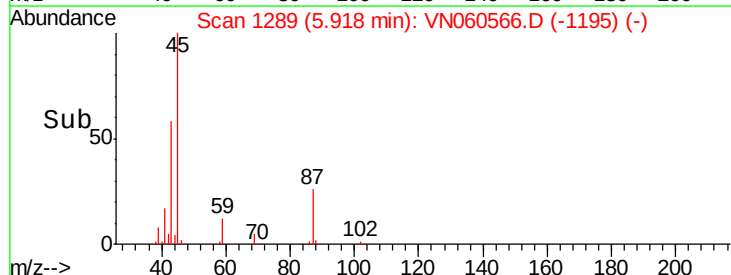
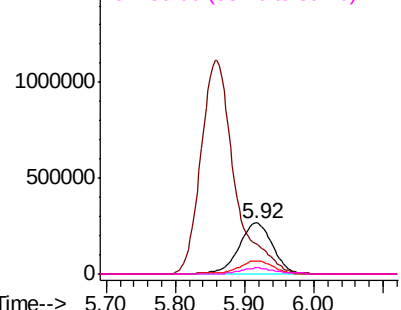


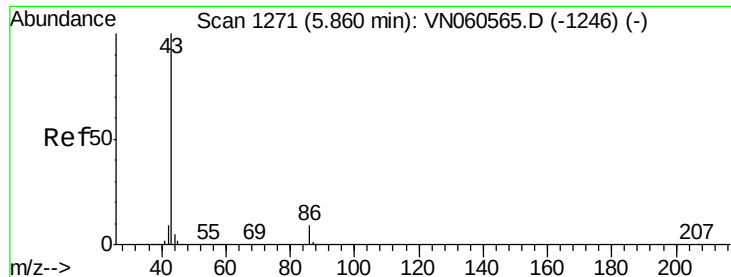
#22
Diisopropyl ether
Concen: 112.085 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 45 Resp: 904720
Ion Ratio Lower Upper
45 100
43 56.9 49.8 74.8
87 26.2 20.1 30.1
59 11.5 9.2 13.8



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 588.058 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

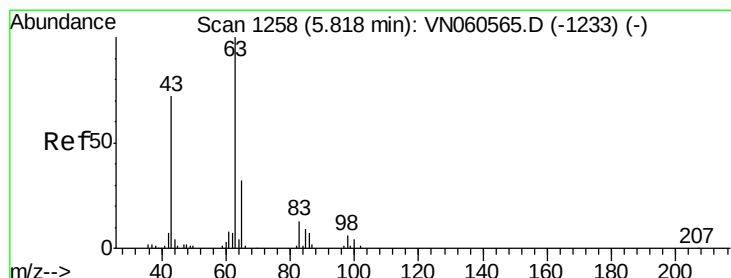
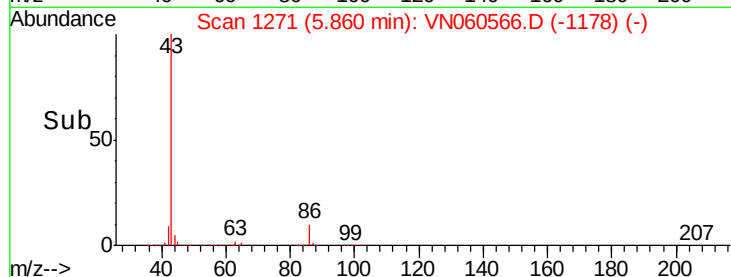
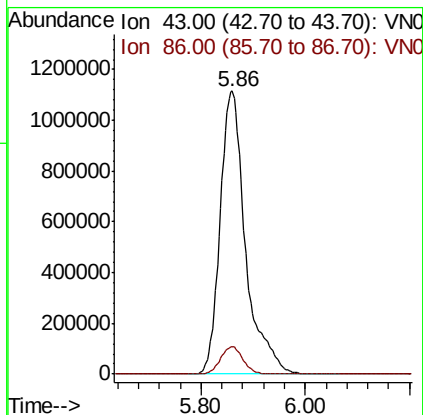
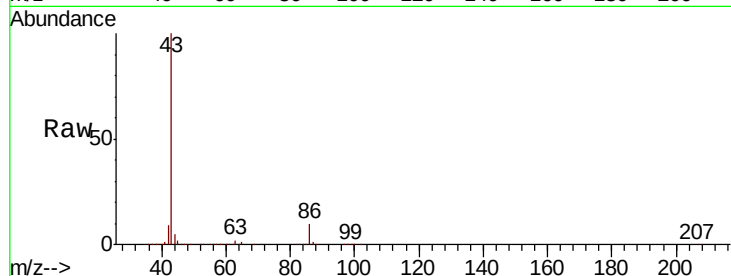
VSTDIC100

Tot Ion: 43 Resp: 3776456

Ion Ratio Lower Upper

43 100

86 9.8 7.6 11.4



#24

1,1-Dichloroethane

Concen: 107.501 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

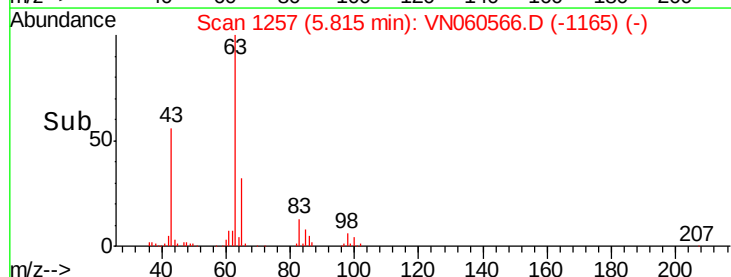
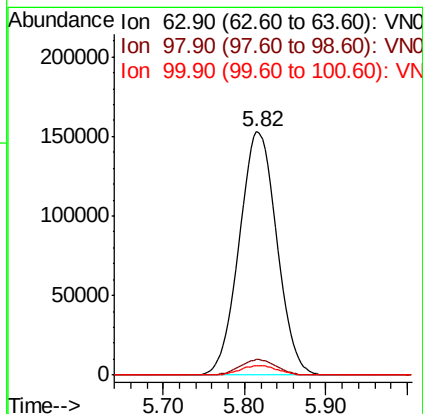
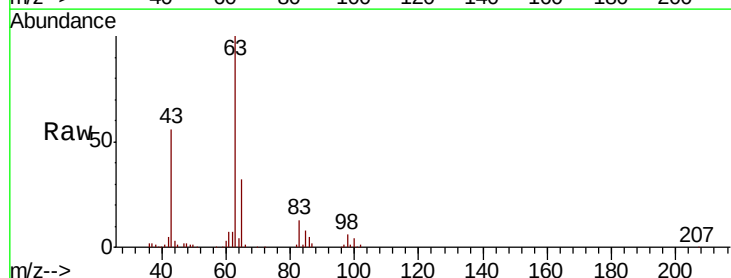
Tgt Ion: 63 Resp: 487380

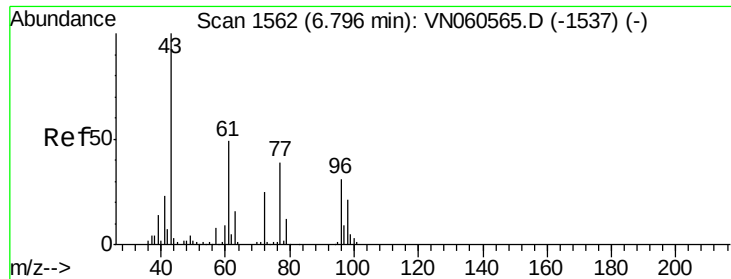
Ion Ratio Lower Upper

63 100

98 6.3 2.9 8.7

100 3.8 1.8 5.5

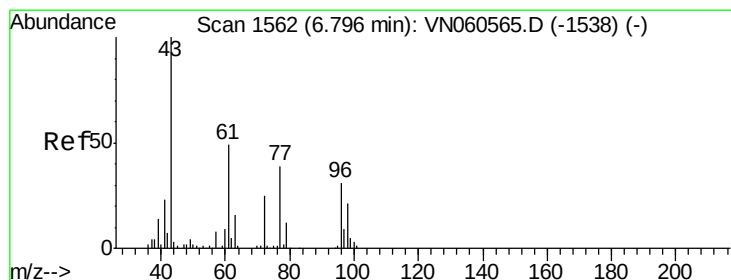
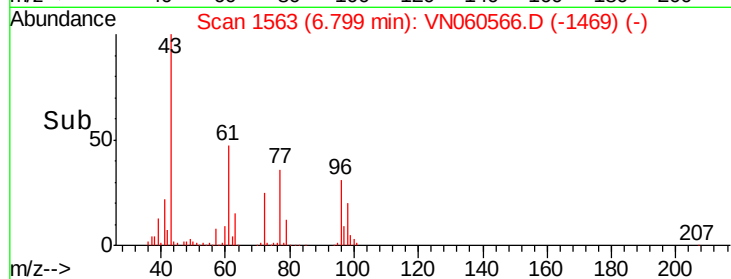
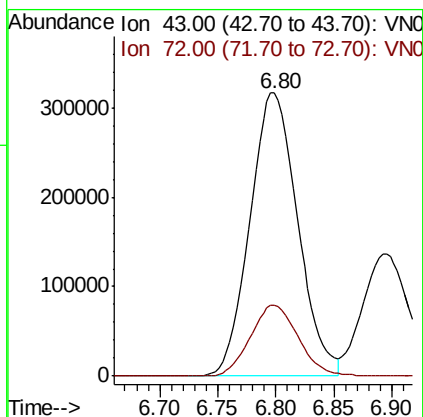
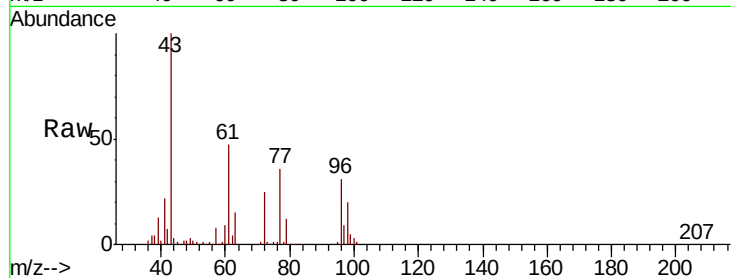




#25
2-Butanone
Concen: 600.398 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

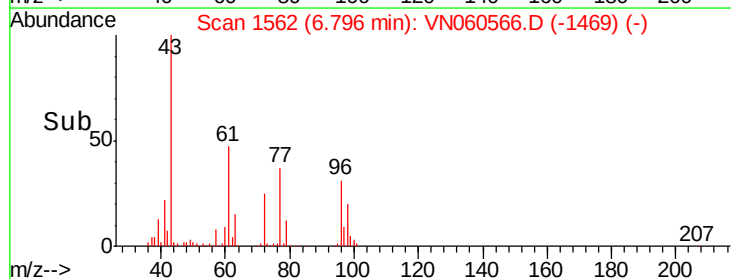
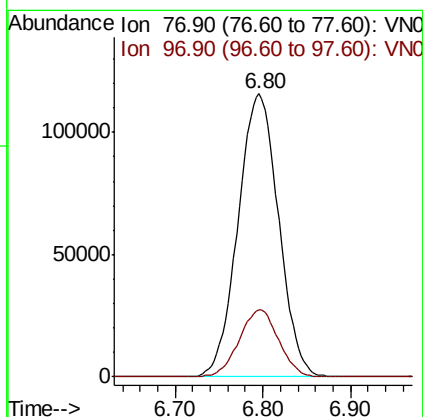
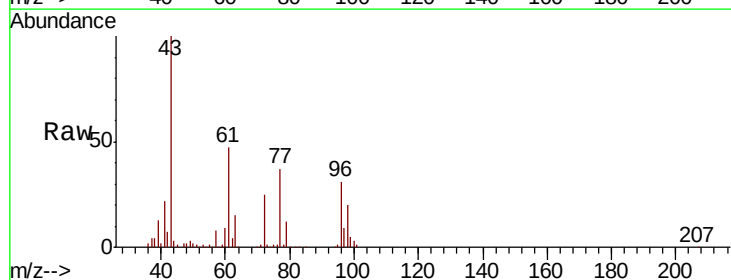
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

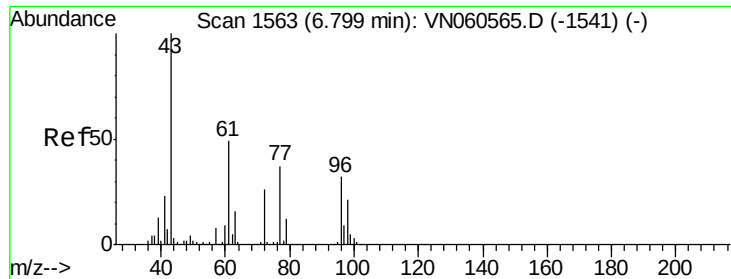
Tot Ion: 43 Resp: 907979
Ion Ratio Lower Upper
43 100
72 25.2 20.4 30.6



#26
2,2-Dichloropropane
Concen: 92.470 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 77 Resp: 371914
Ion Ratio Lower Upper
77 100
97 23.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 98.570 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

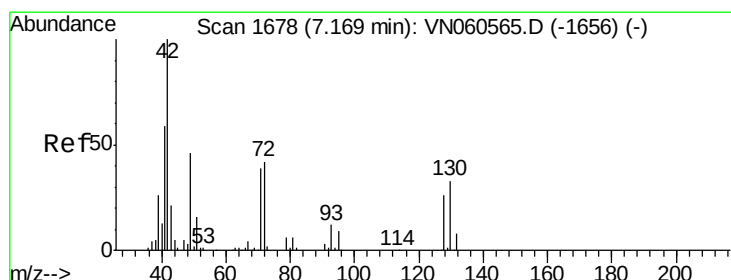
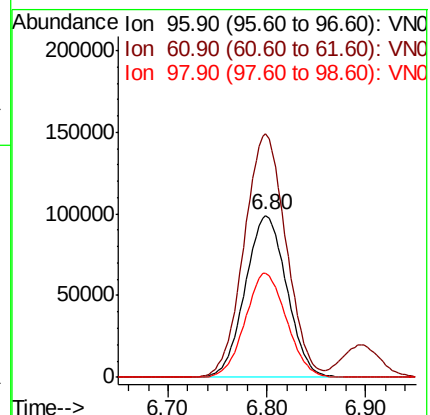
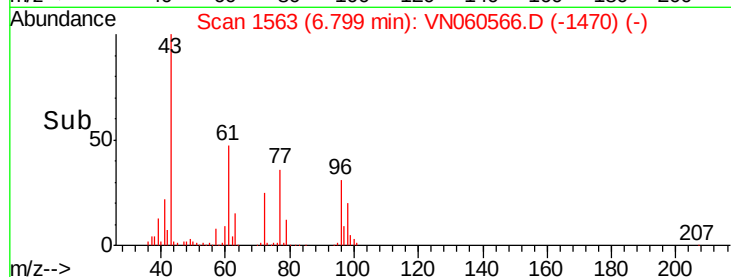
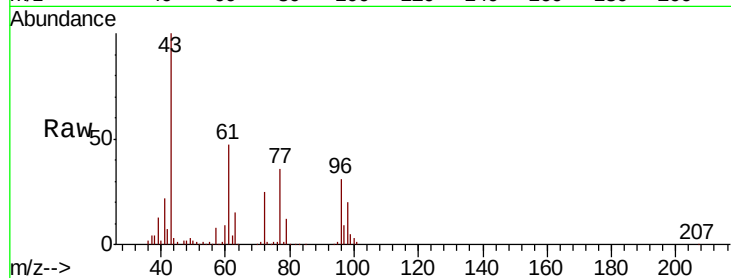
Tot Ion: 96 Resp: 288456

Ion Ratio Lower Upper

96 100

61 151.9 0.0 305.6

98 64.3 0.0 127.6



#28

Bromochloromethane

Concen: 123.156 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

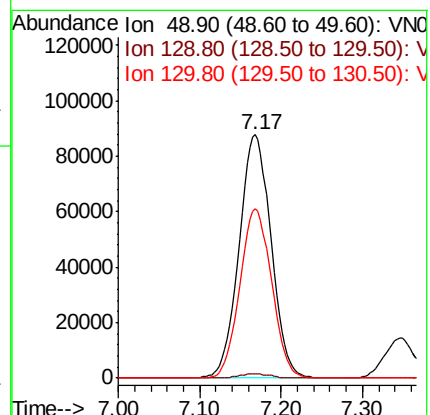
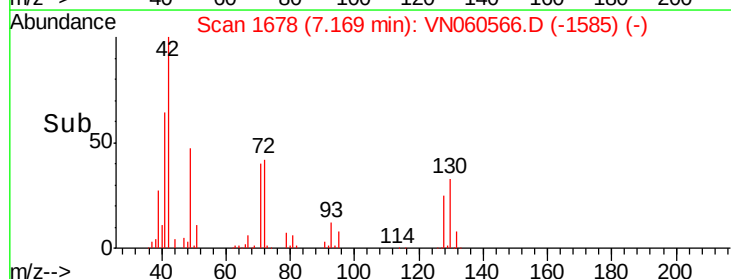
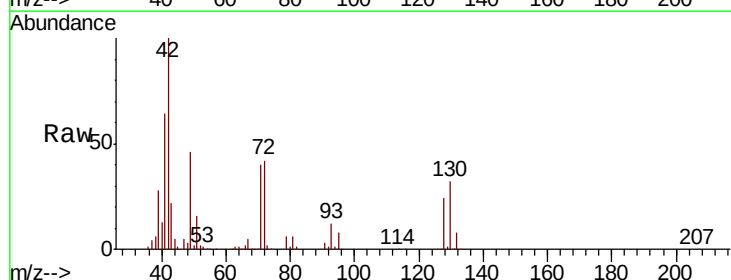
Tgt Ion: 49 Resp: 238628

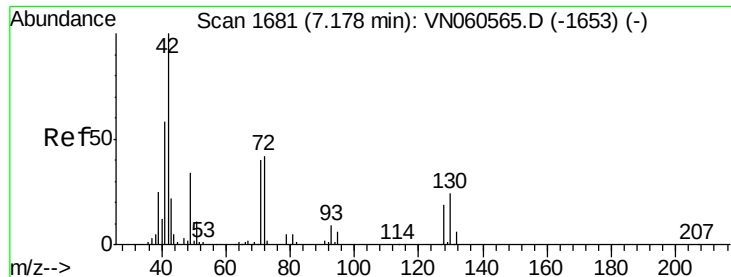
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.4

130 69.0 55.0 82.4

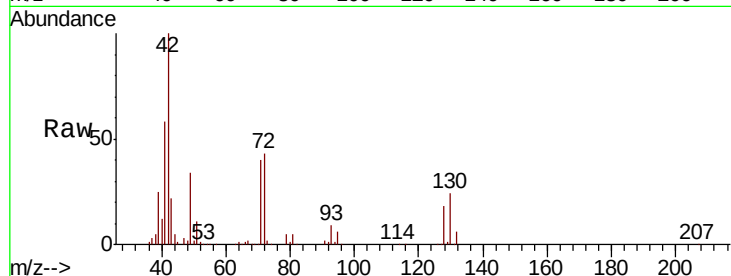




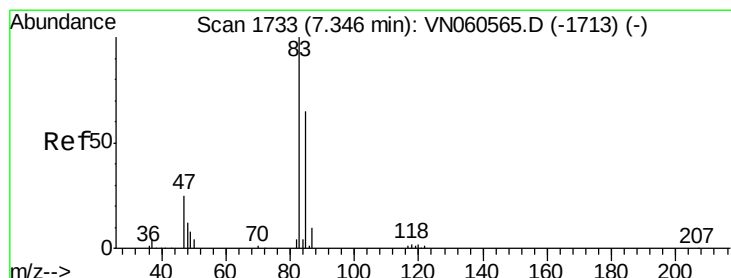
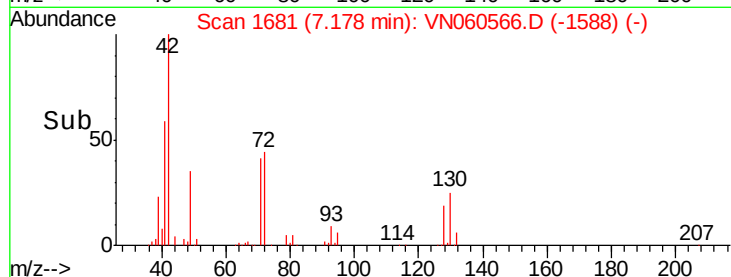
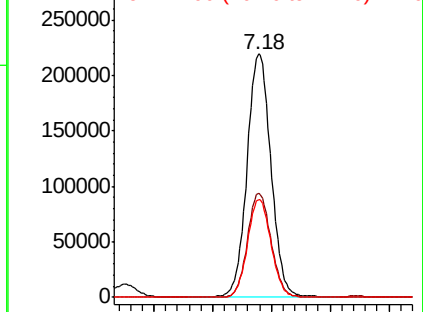
#29
Tetrahydrofuran
Concen: 589.011 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 42 Resp: 621341
Ion Ratio Lower Upper
42 100
72 42.0 33.2 49.8
71 39.5 31.1 46.7

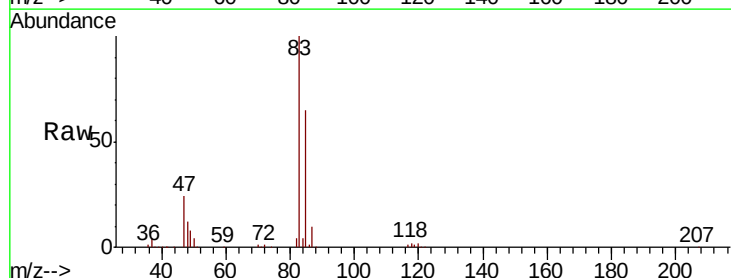


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

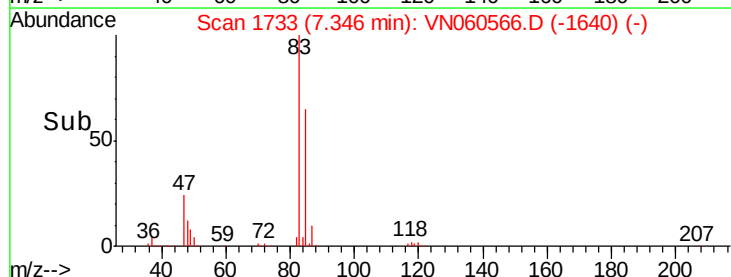
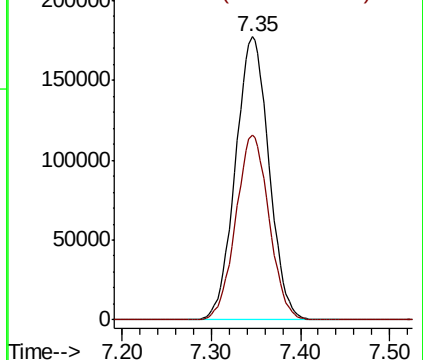


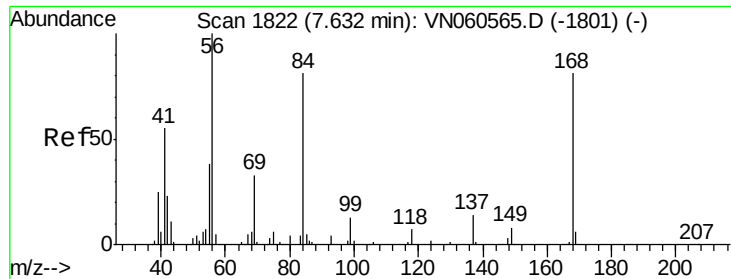
#30
Chloroform
Concen: 103.184 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 83 Resp: 462405
Ion Ratio Lower Upper
83 100
85 65.3 51.8 77.8



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

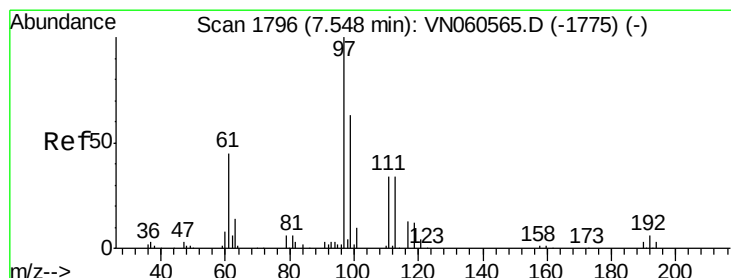
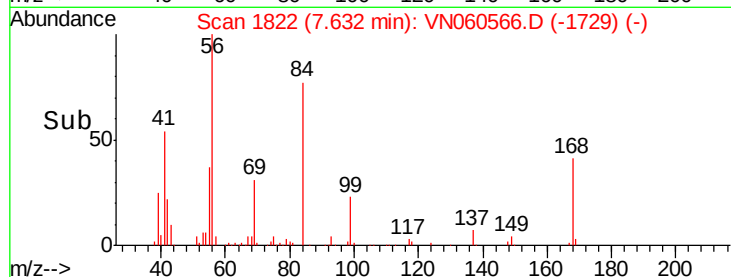
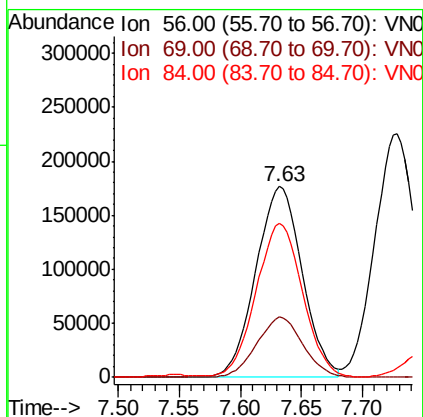
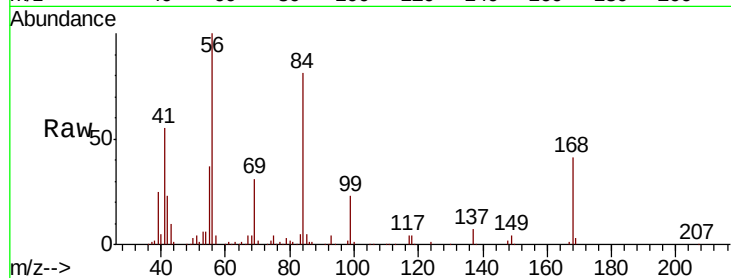




#31
Cyclohexane
Concen: 108.730 ug/l
RT: 7.63 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

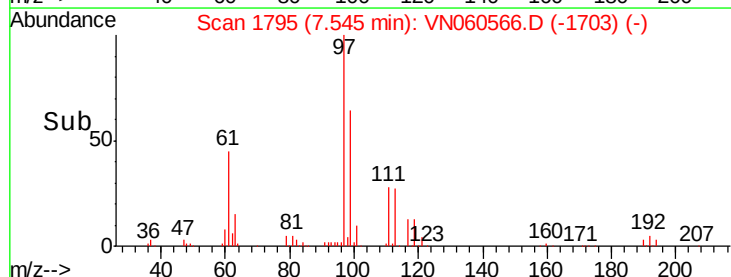
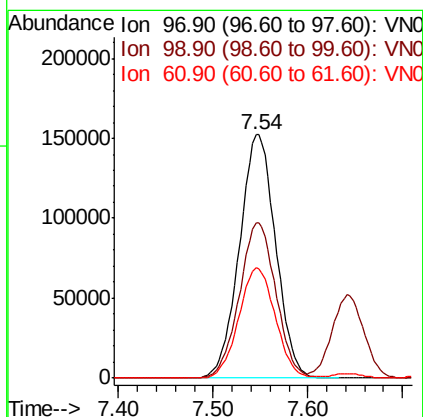
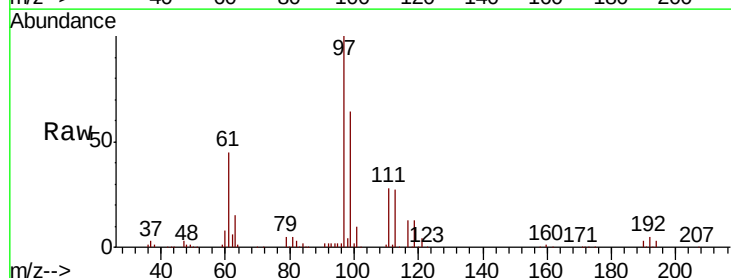
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

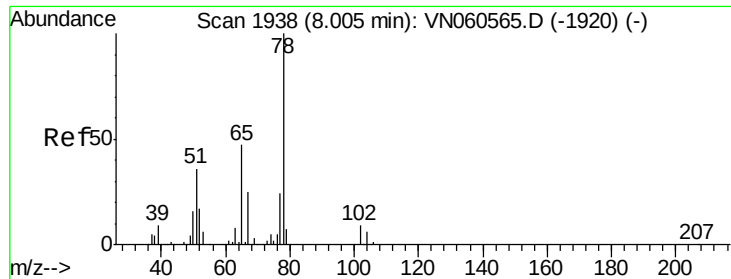
Tot Ion: 56 Resp: 466978
Ion Ratio Lower Upper
56 100
69 31.4 26.6 40.0
84 79.5 64.3 96.5



#32
1,1,1-Trichloroethane
Concen: 102.261 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 97 Resp: 405412
Ion Ratio Lower Upper
97 100
99 63.9 50.6 75.8
61 45.6 36.2 54.4

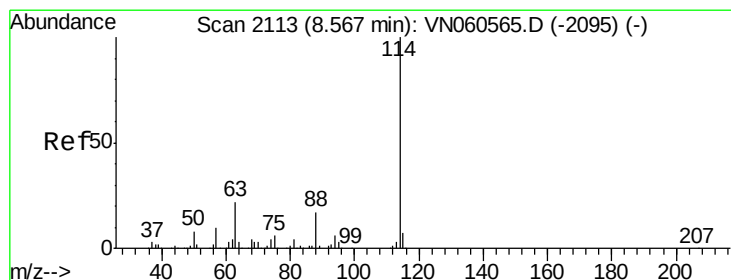
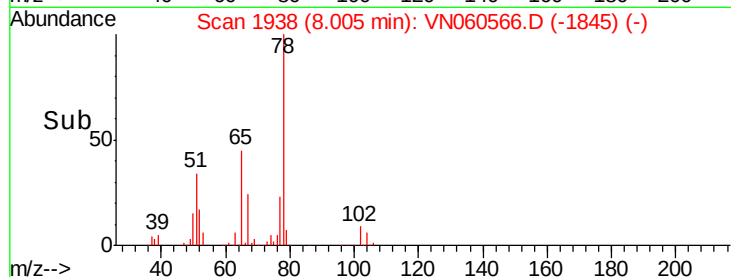
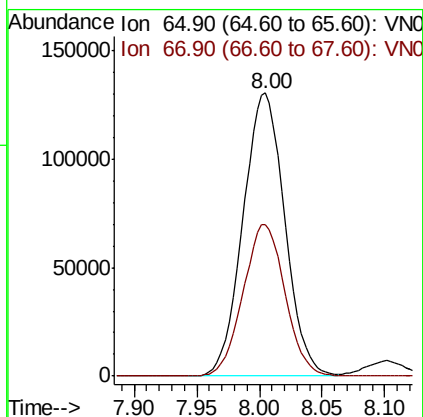
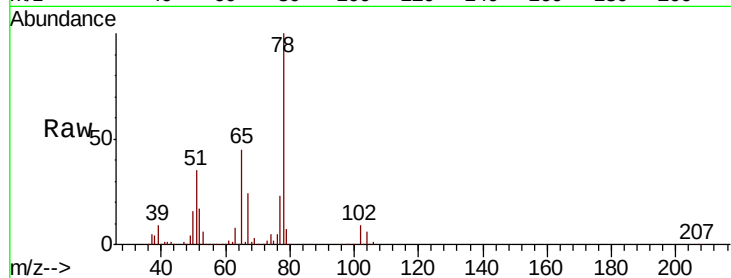




#33
 1,2-Dichloroethane-d4
 Concen: 104.917 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

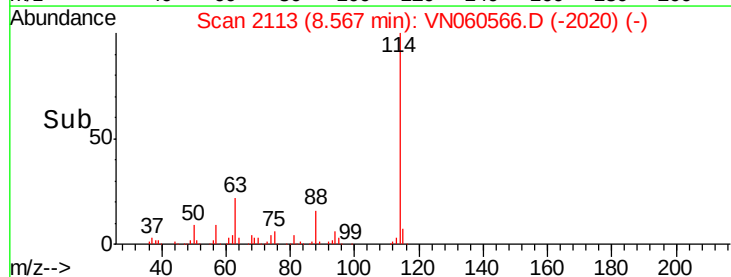
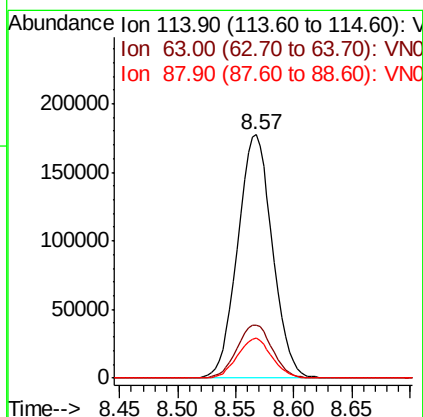
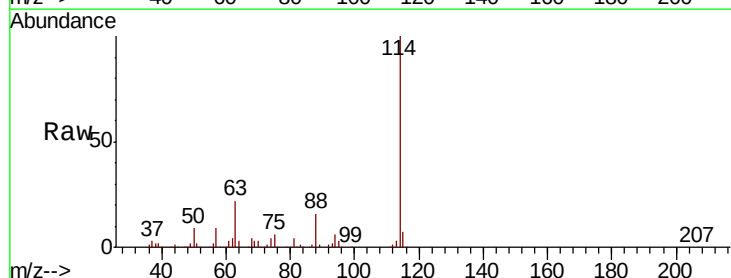
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

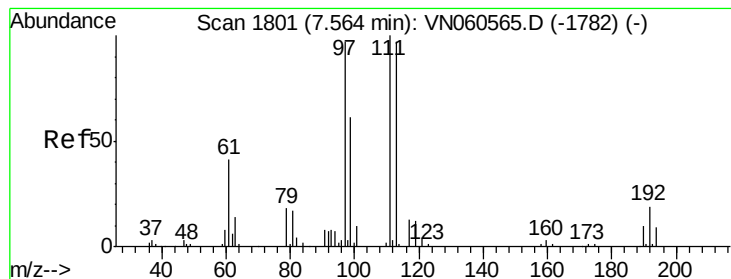
Tot Ion: 65 Resp: 302240
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

Tgt Ion: 114 Resp: 369396
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.8
 88 16.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 124.118 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

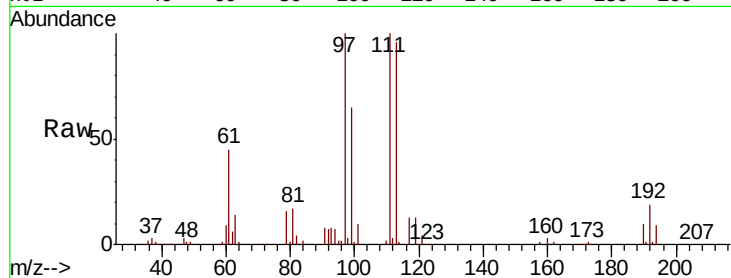
Tot Ion:113 Resp: 227261

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

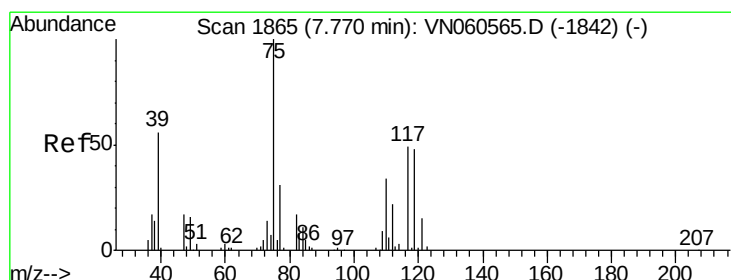
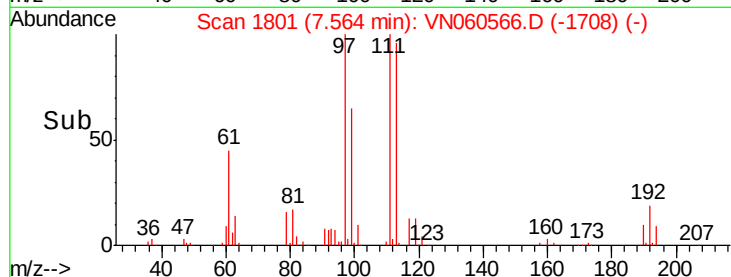
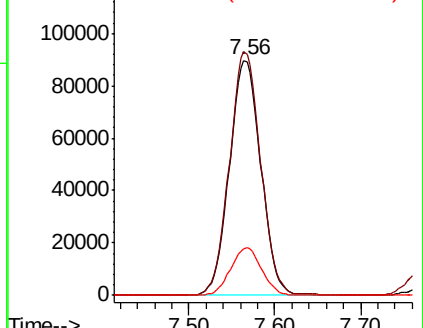
192 20.0 15.8 23.8



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: 102.808 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

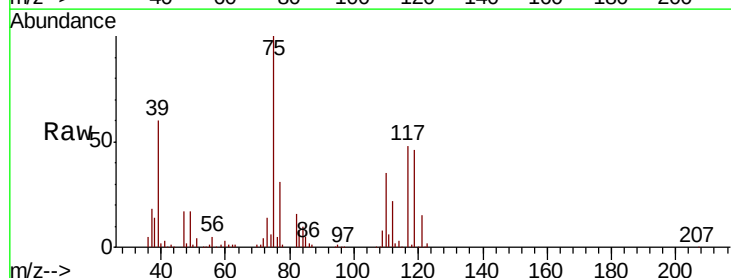
Tgt Ion: 75 Resp: 368356

Ion Ratio Lower Upper

75 100

110 33.9 16.9 50.6

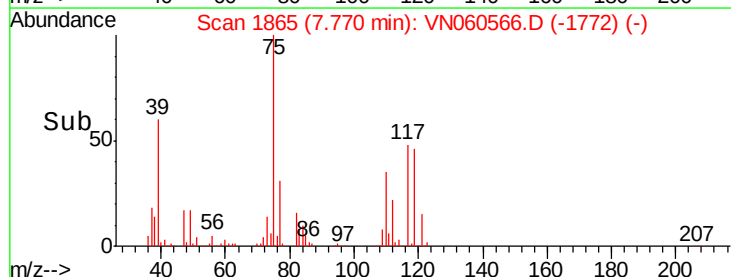
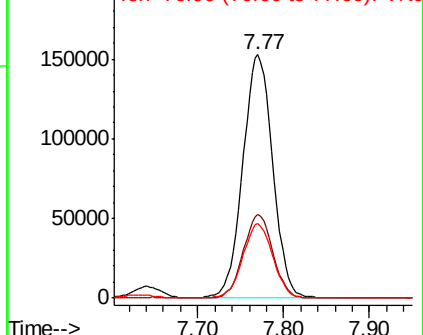
77 30.9 24.6 36.8

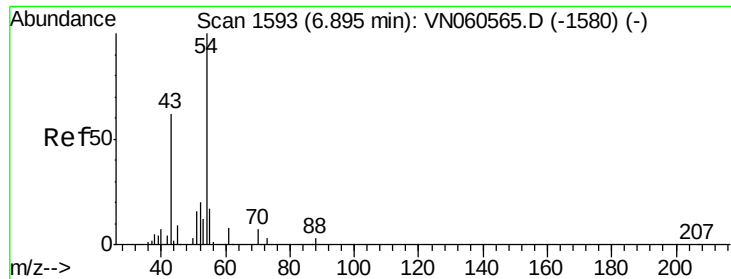


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

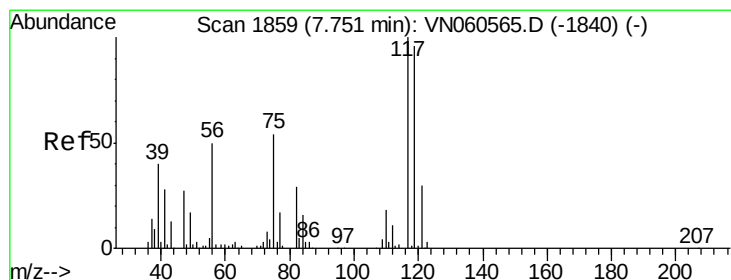
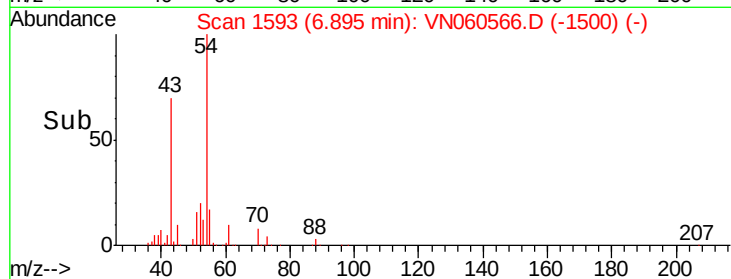
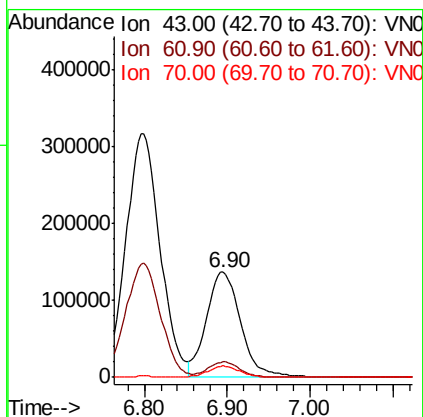
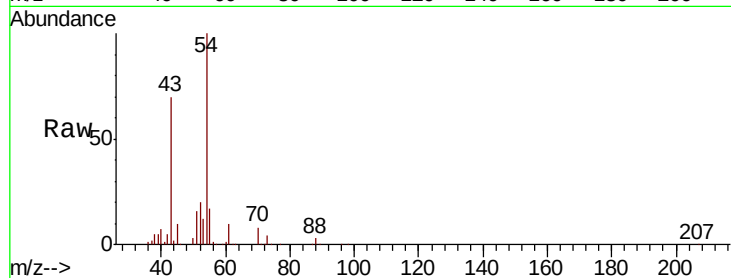




#37
Ethyl Acetate
Concen: 114.966 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

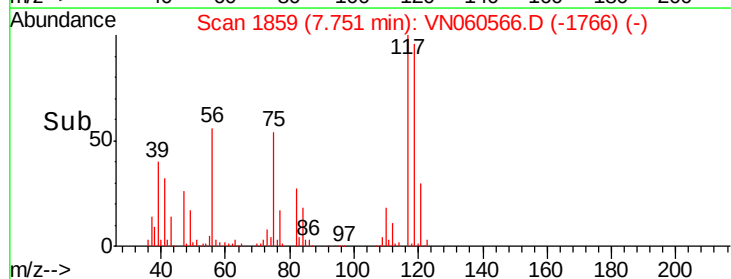
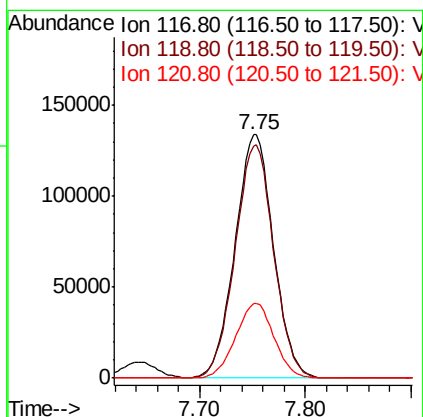
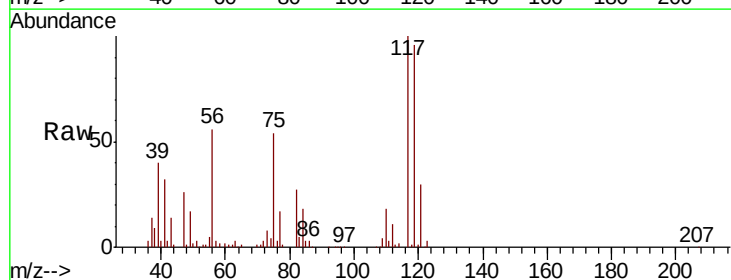
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

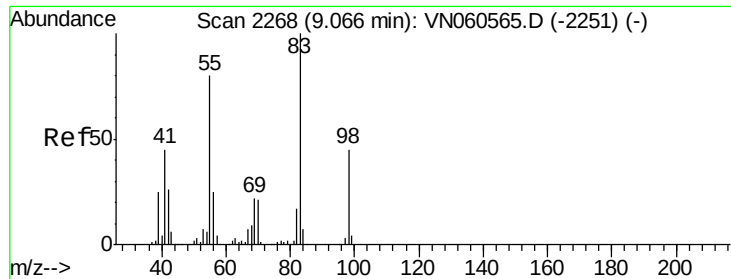
Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.6	15.8
70	10.2	7.9	11.9



#38
Carbon Tetrachloride
Concen: 99.139 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.2	114.2
121	30.5	23.7	35.5

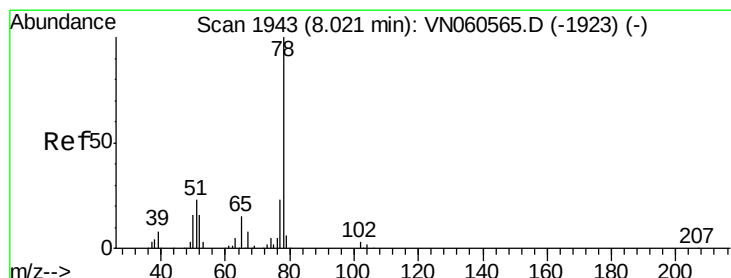
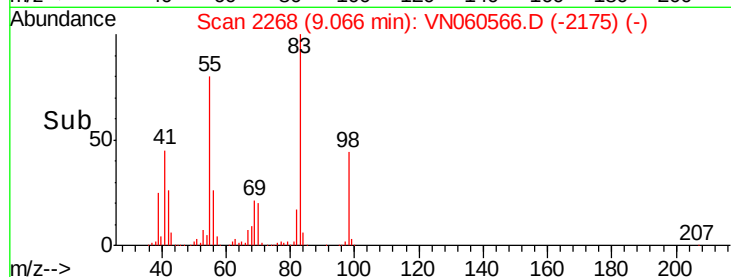
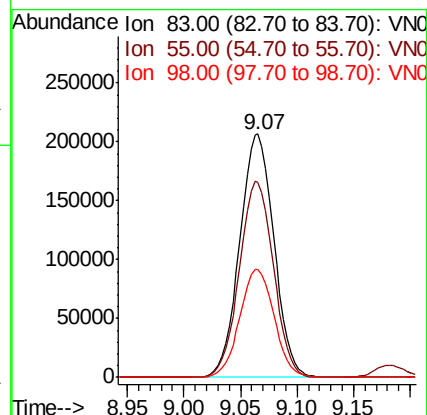
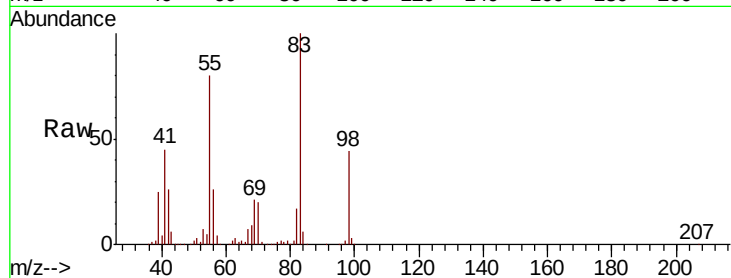




#39
Methylvlcyclohexane
Concen: 103.182 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

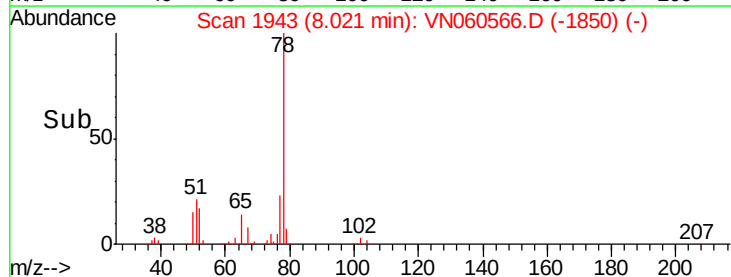
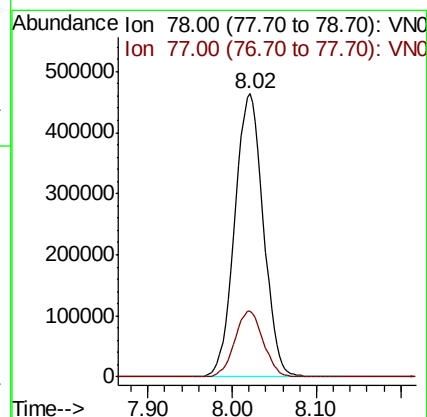
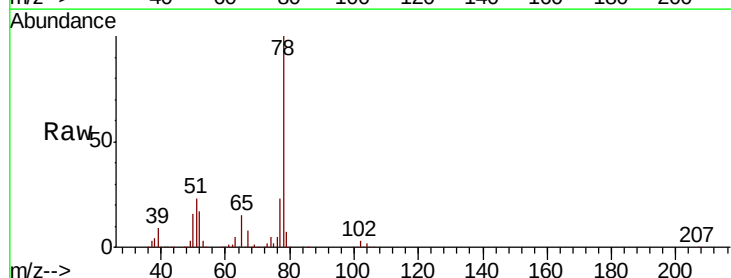
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

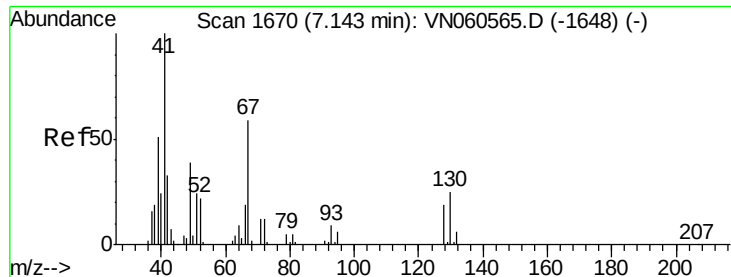
Tot Ion: 83 Resp: 435519
Ion Ratio Lower Upper
83 100
55 80.3 63.6 95.4
98 44.3 36.0 54.0



#40
Benzene
Concen: 105.317 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 78 Resp: 1096423
Ion Ratio Lower Upper
78 100
77 23.3 18.6 28.0

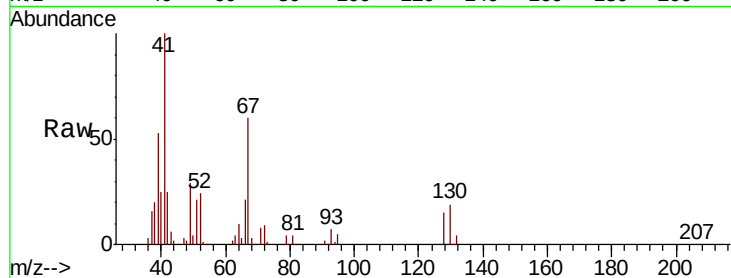




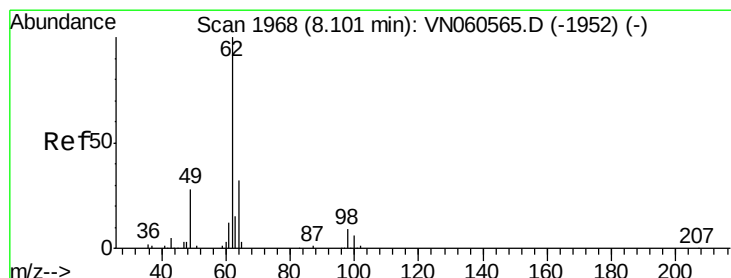
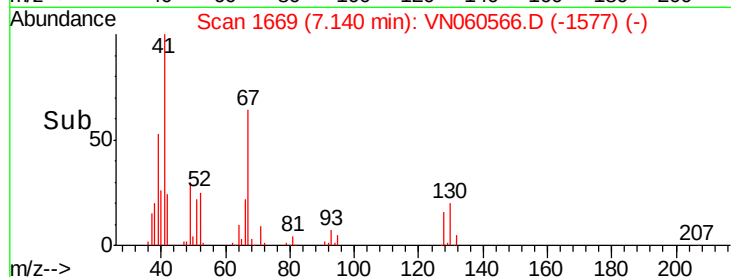
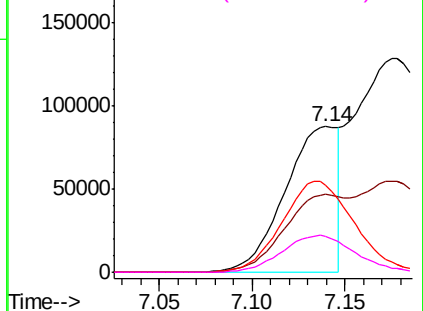
#41
Methacrylonitrile
Concen: 111.717 ug/l
RT: 7.14 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	173514
Ion	Ratio	Lower	Upper
41	100		
39	58.7	0.0	0.0#
67	85.0	0.0	0.0#
52	35.4	0.0	0.0#

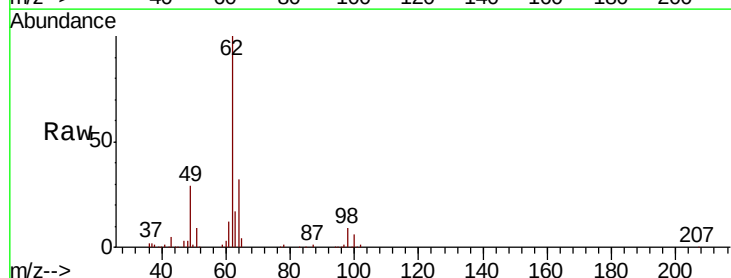


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

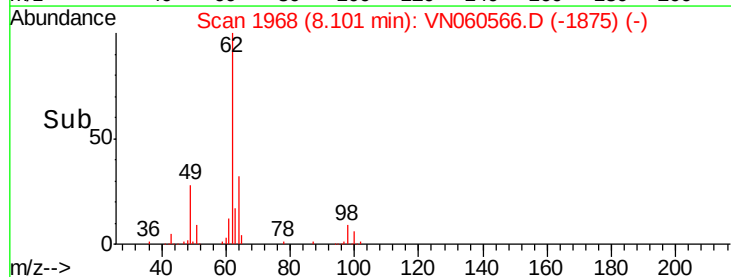
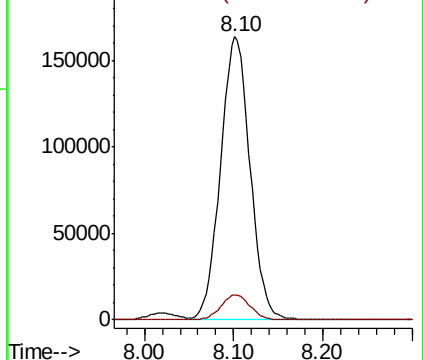


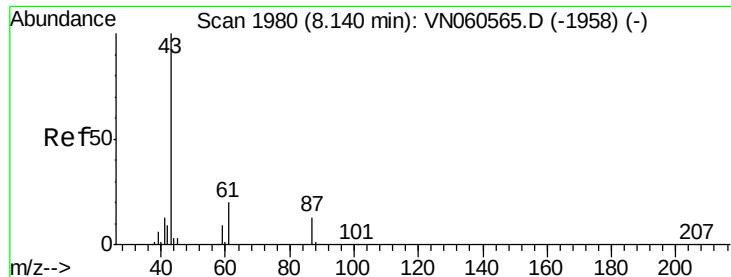
#42
1,2-Dichloroethane
Concen: 100.976 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion:	62	Resp:	375082
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 110.906 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

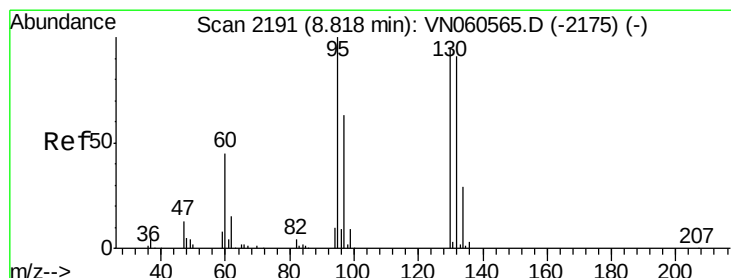
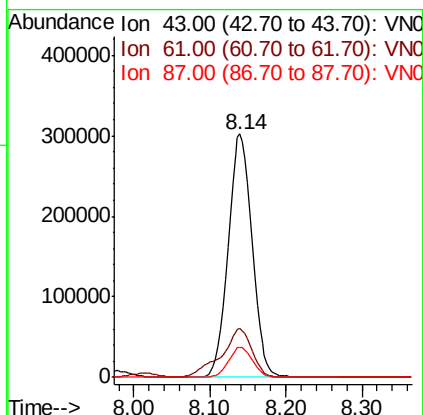
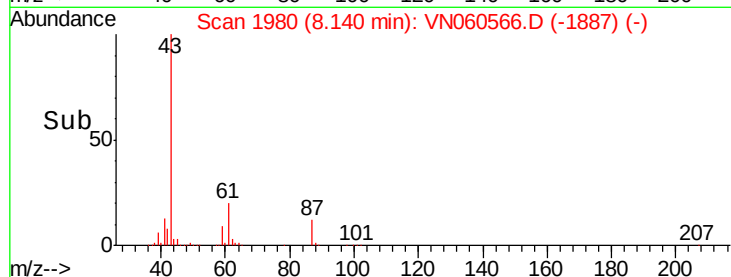
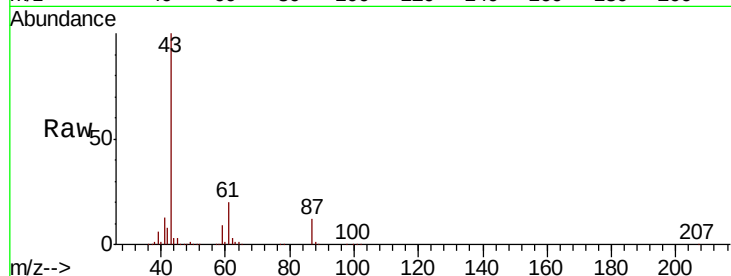
Tot Ion: 43 Resp: 659091

Ion Ratio Lower Upper

43 100

61 25.8 20.7 31.1

87 12.3 9.8 14.8



#44

Trichloroethene

Concen: 96.823 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060566.D

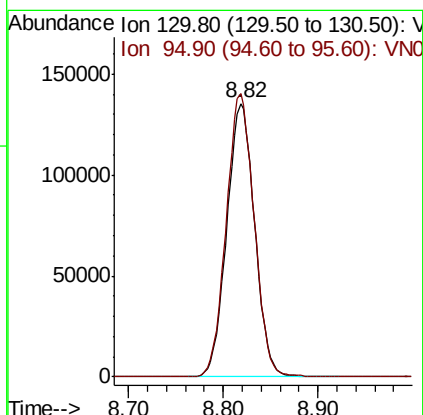
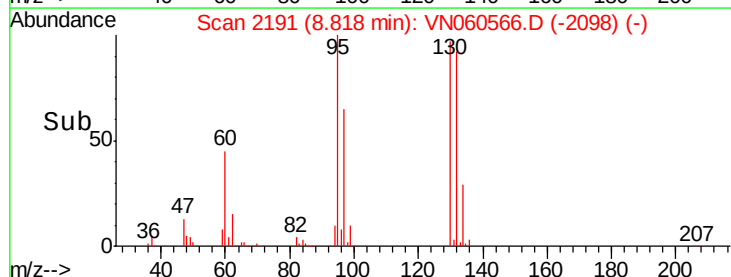
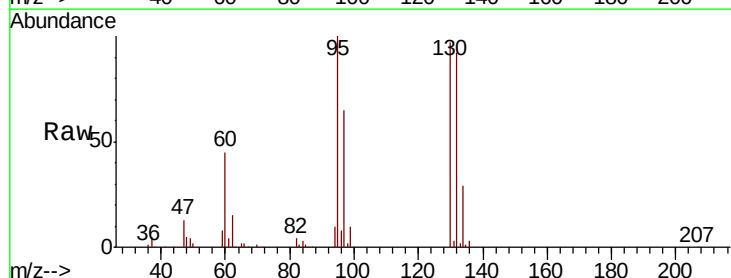
Acq: 17 Mar 2020 19:35

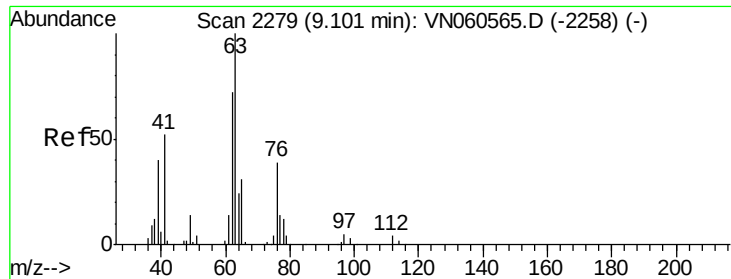
Tgt Ion:130 Resp: 277531

Ion Ratio Lower Upper

130 100

95 103.5 0.0 211.2

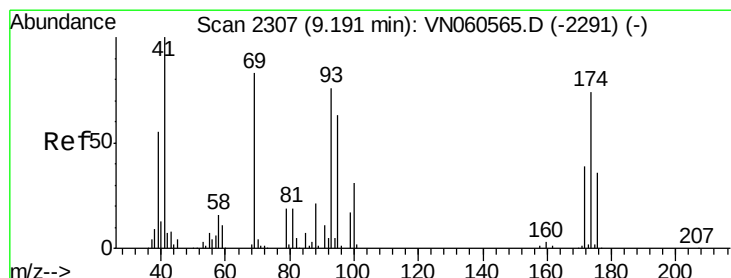
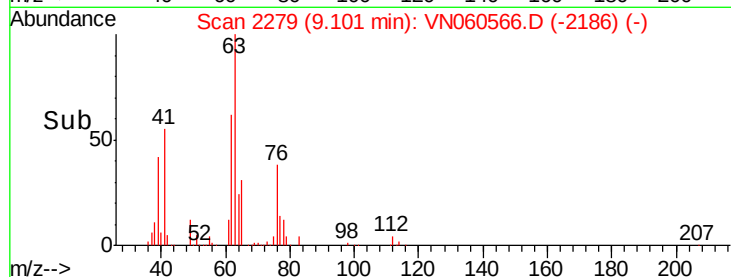
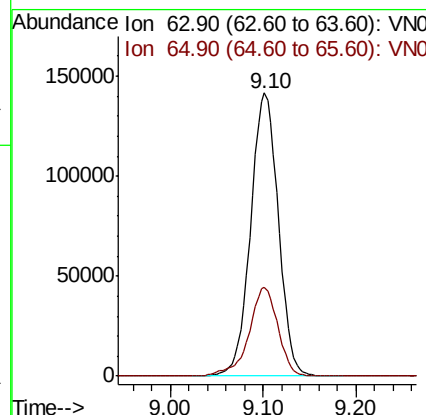
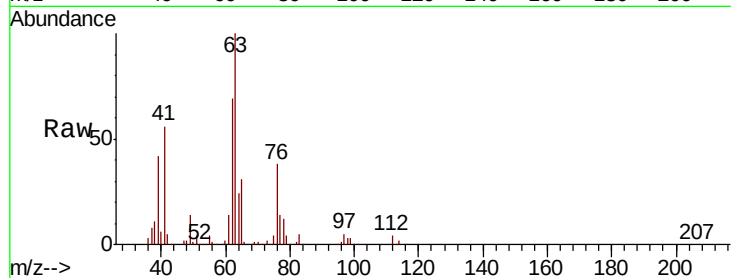




#45
 1,2-Dichloropropane
 Concen: 108.095 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

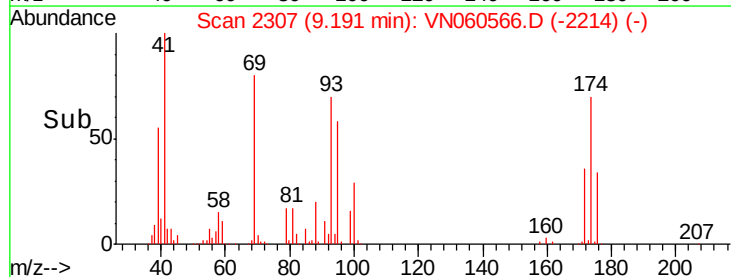
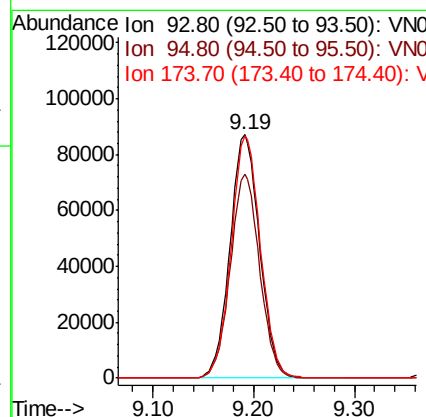
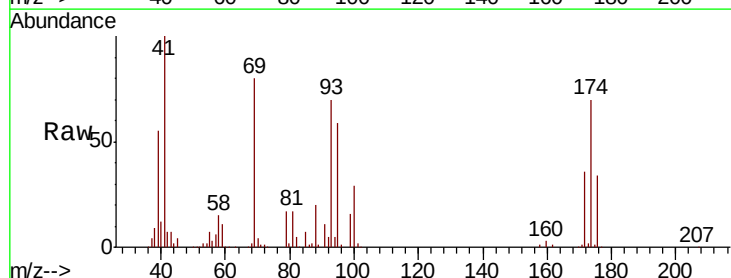
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

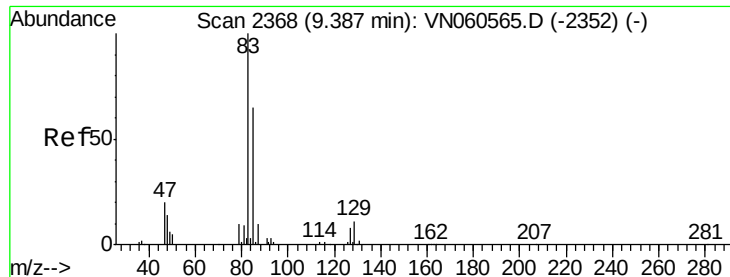
Tot Ion: 63 Resp: 293796
 Ion Ratio Lower Upper
 63 100
 65 31.5 25.4 38.0



#46
 Dibromomethane
 Concen: 101.976 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

Tgt Ion: 93 Resp: 178426
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.2 99.4
 174 98.6 77.9 116.9





#47

Bromodichloromethane

Concen: 105.188 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

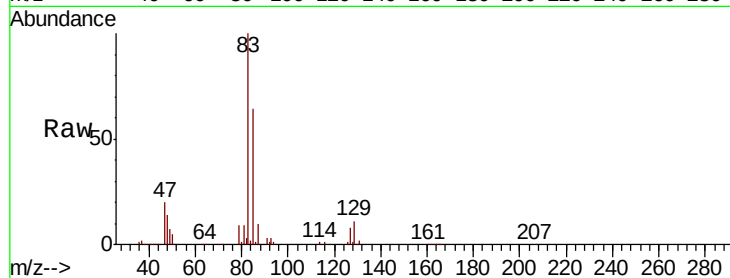
Tot Ion: 83 Resp: 374112

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

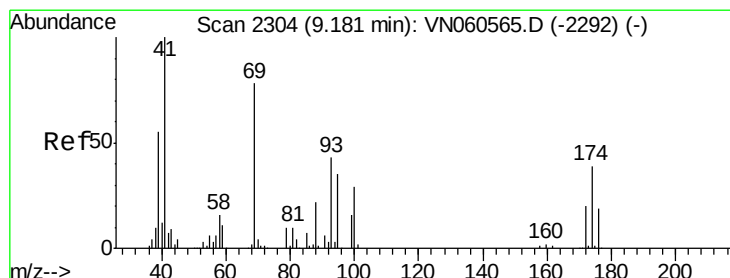
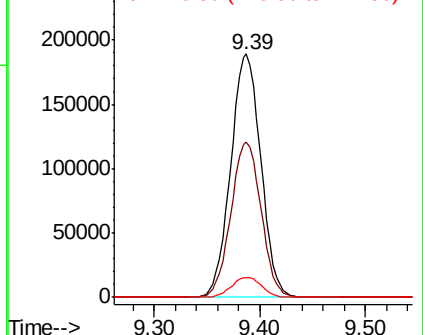
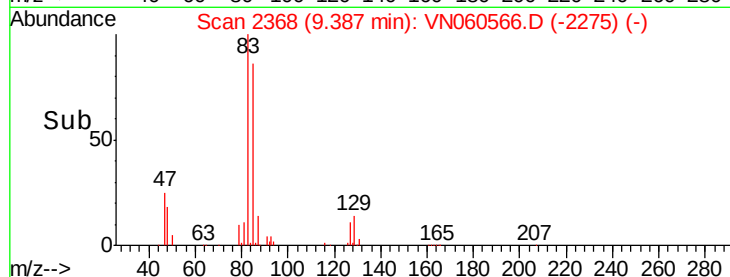
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060566.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060566.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060566.D (-2275) (-)



#48

Methyl methacrylate

Concen: 112.000 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

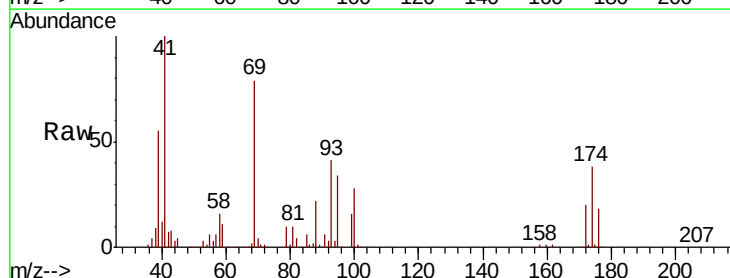
Tgt Ion: 41 Resp: 303123

Ion Ratio Lower Upper

41 100

69 81.8 65.4 98.0

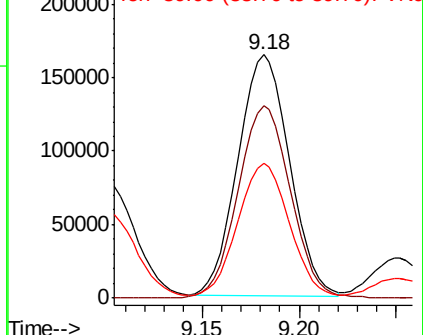
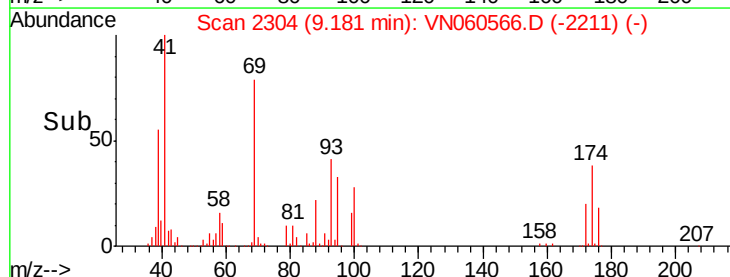
39 54.4 44.0 66.0

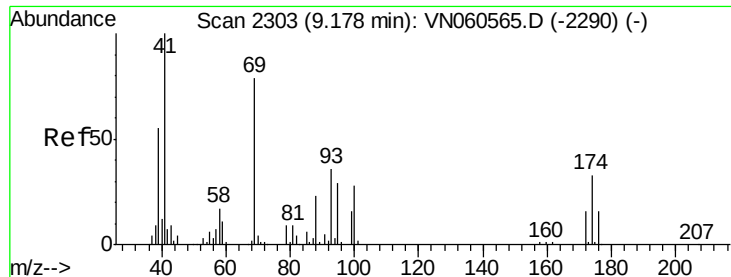


Abundance Ion 41.00 (40.70 to 41.70): VN060566.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060566.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060566.D (-2211) (-)

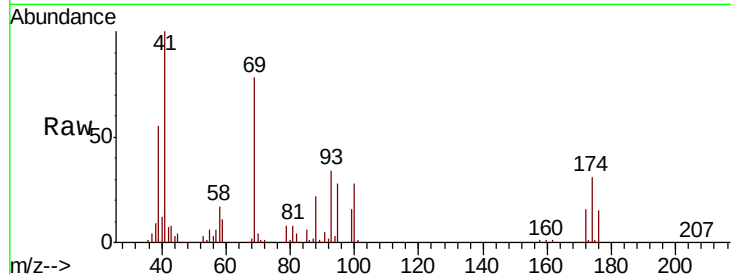




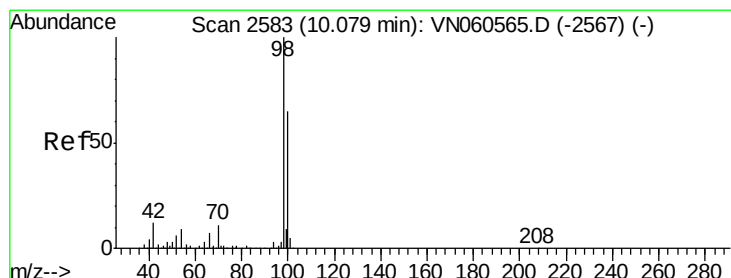
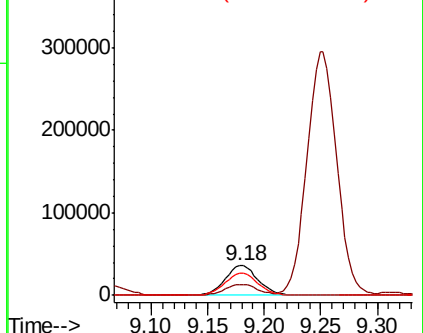
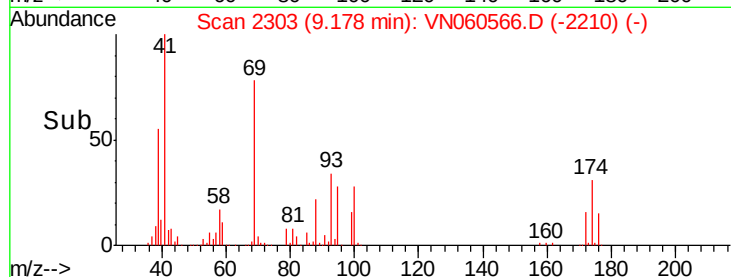
#49
1,4-Dioxane
Concen: 1949.027 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 73133
Ion Ratio Lower Upper
88 100
43 36.6 30.8 46.2
58 75.6 59.8 89.8

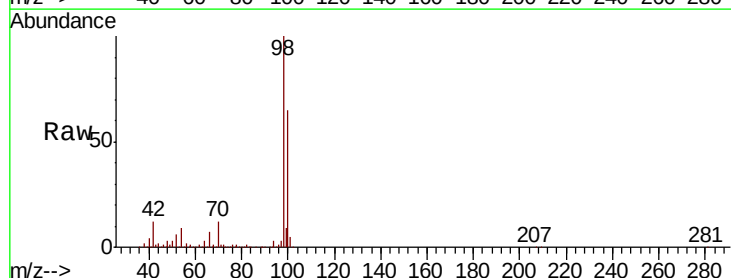


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

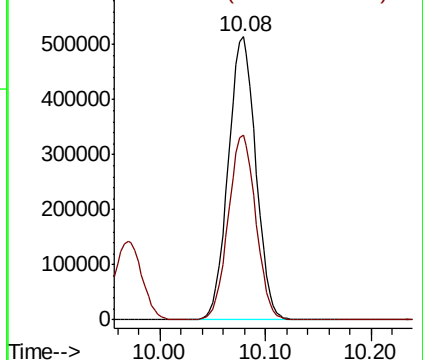
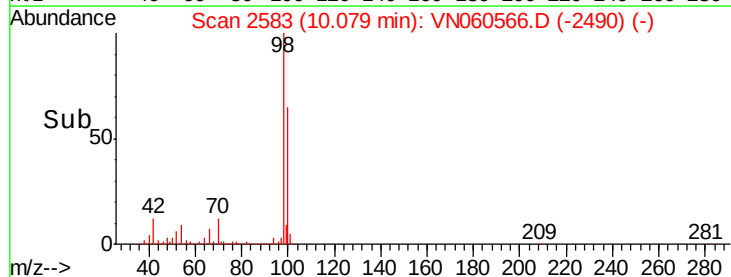


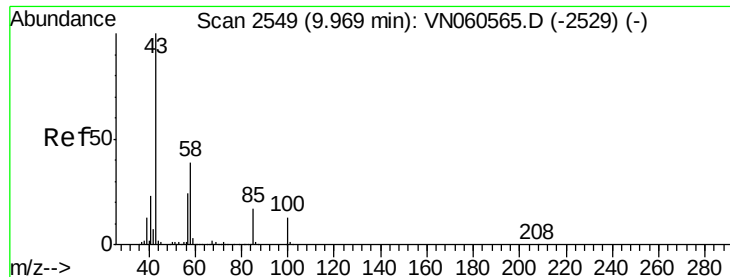
#50
Toluene-d8
Concen: 104.207 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 98 Resp: 927955
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



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: 567.244 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampled :

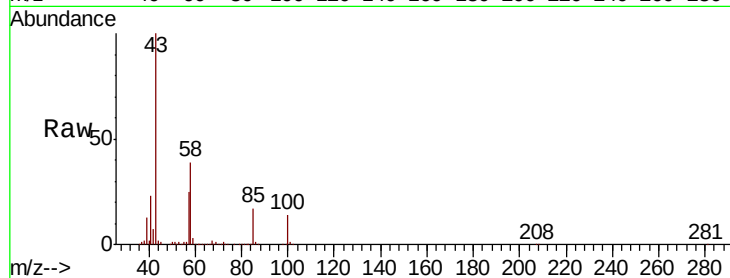
VSTDIC100

Tot Ion: 43 Resp: 1915148

Ion Ratio Lower Upper

43 100

58 39.1 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D

Ion 58.00 (57.70 to 58.70): VN060565.D

1200000

1000000

800000

600000

400000

200000

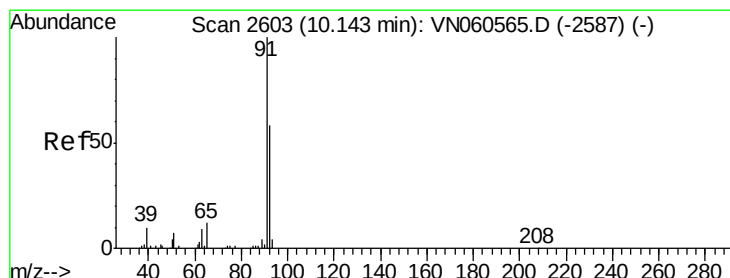
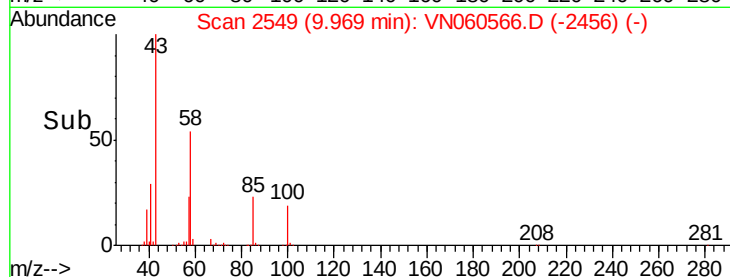
0

9.90

9.97

10.00

Time-->



#52

Toluene

Concen: 103.090 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060566.D

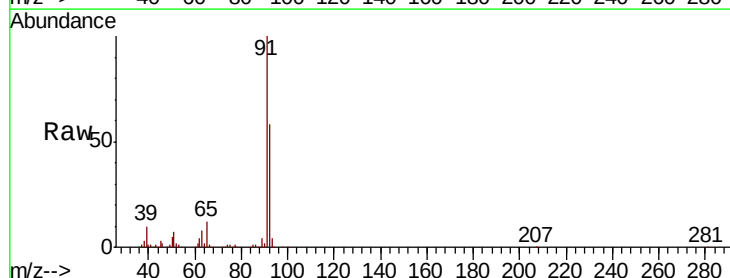
Acq: 17 Mar 2020 19:35

Tgt Ion: 92 Resp: 670338

Ion Ratio Lower Upper

92 100

91 172.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060565.D

Ion 91.00 (90.70 to 91.70): VN060565.D

600000

400000

200000

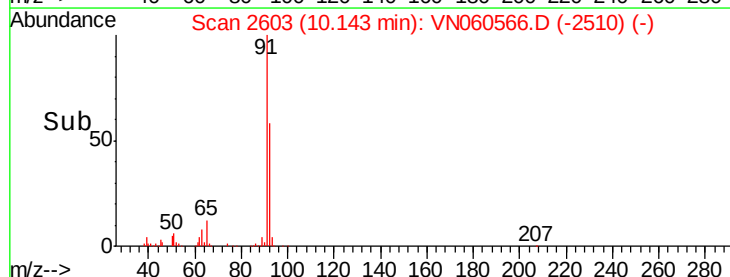
0

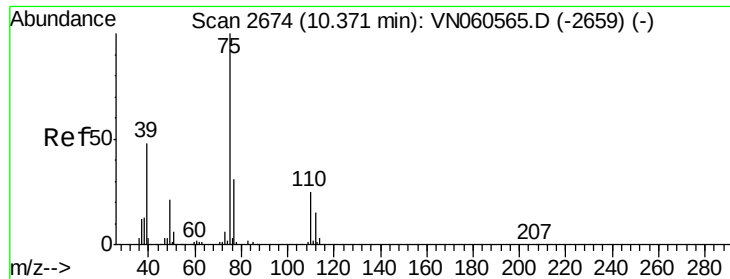
10.10

10.14

10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 99.669 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

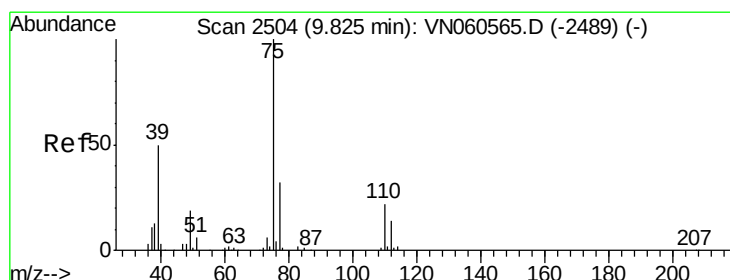
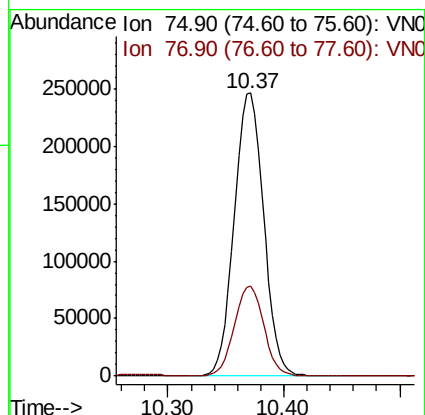
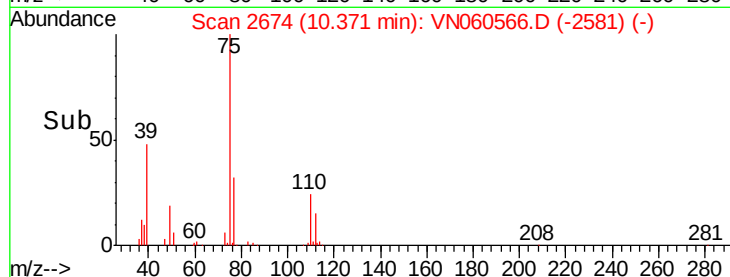
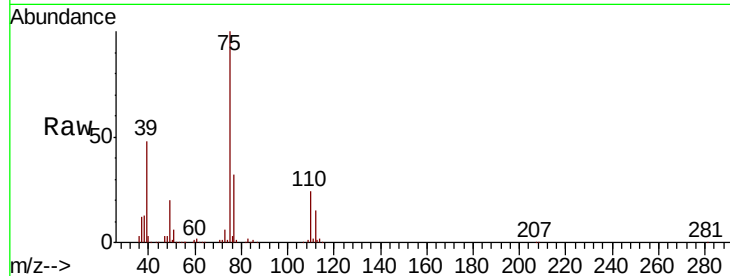
VSTDIC100

Tot Ion: 75 Resp: 433697

Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 102.636 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

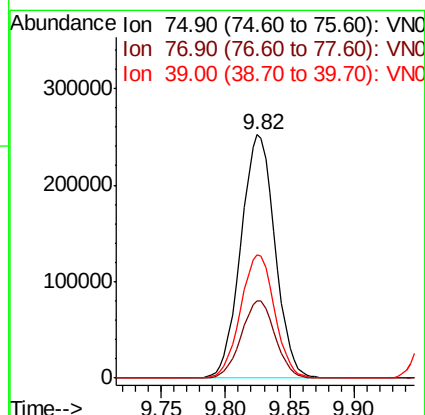
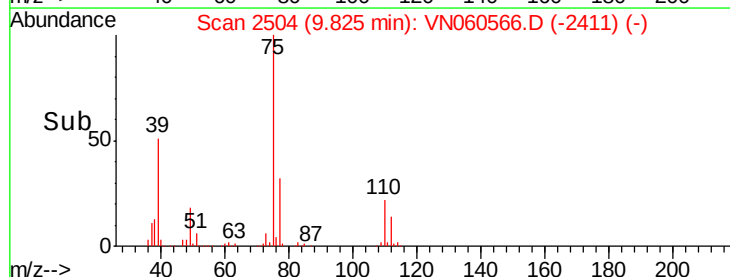
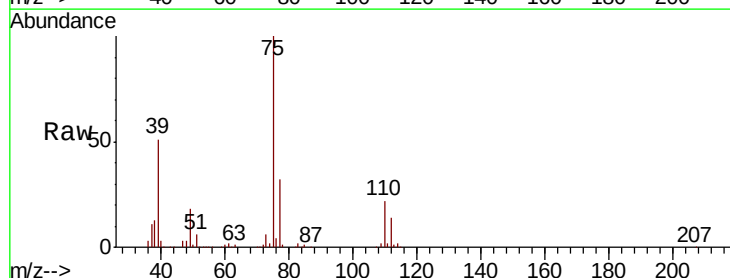
Tgt Ion: 75 Resp: 464104

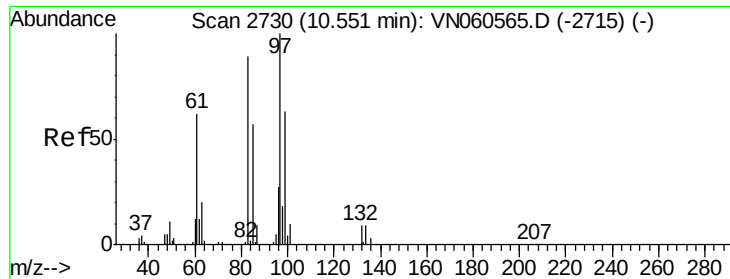
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 50.8 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 98.310 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 255740

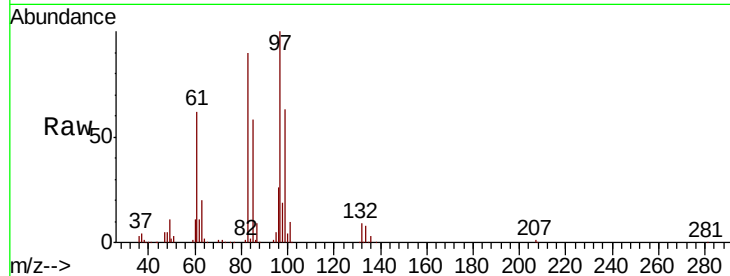
Ion Ratio Lower Upper

97 100

83 90.2 71.3 106.9

85 58.1 45.2 67.8

99 63.1 50.1 75.1

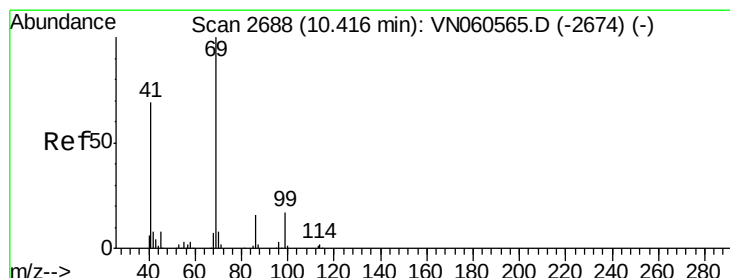
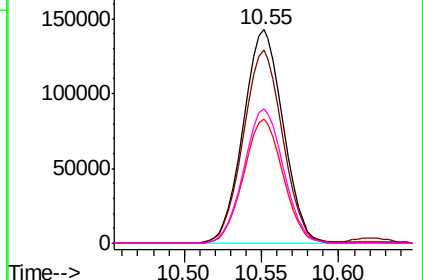
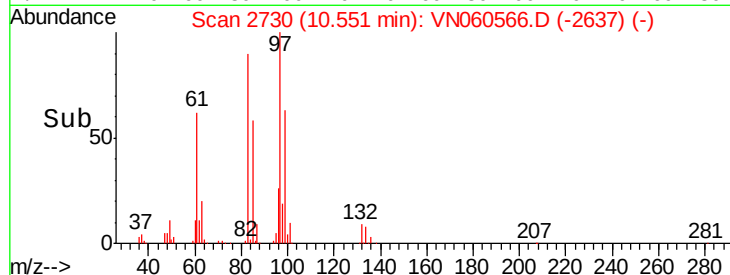


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 115.701 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

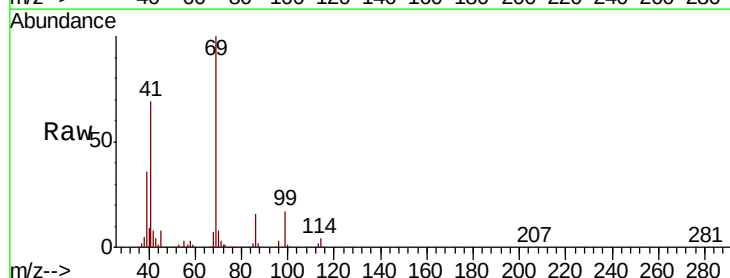
Tgt Ion: 69 Resp: 436451

Ion Ratio Lower Upper

69 100

41 68.9 55.4 83.2

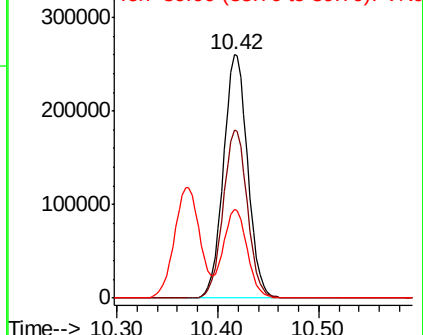
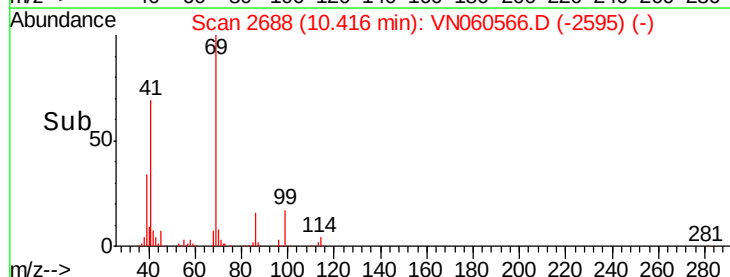
39 36.4 29.4 44.0

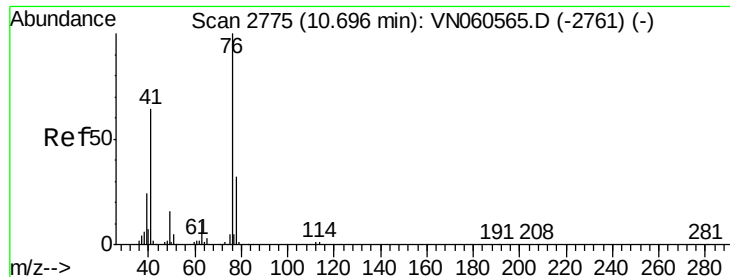


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 105.559 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

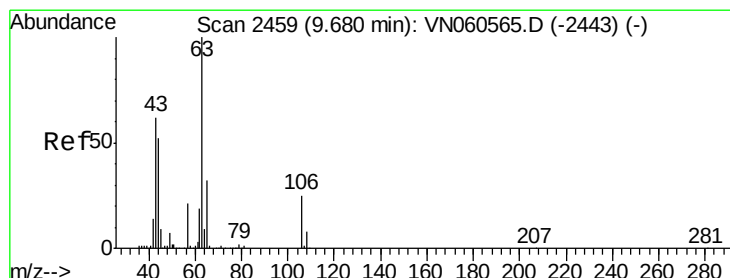
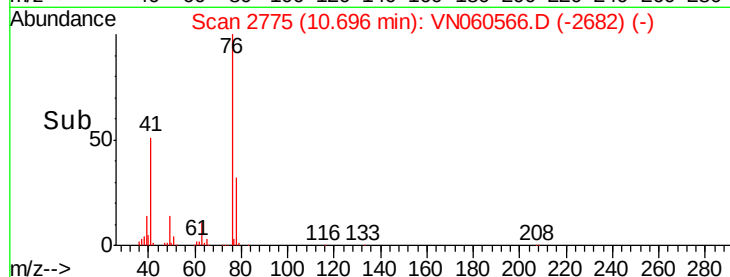
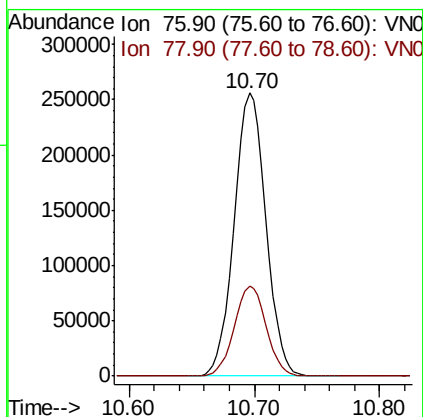
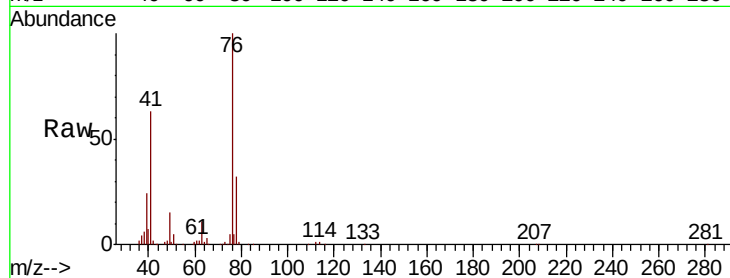
VSTDIC100

Tot Ion: 76 Resp: 450272

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 545.486 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060566.D

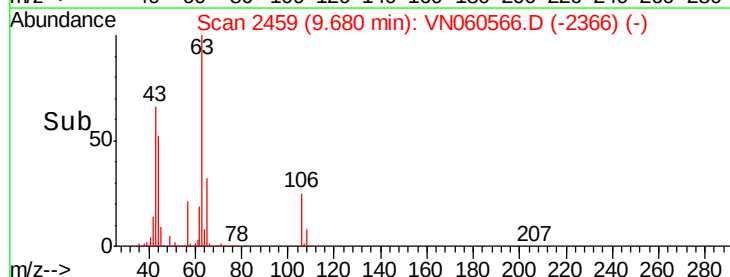
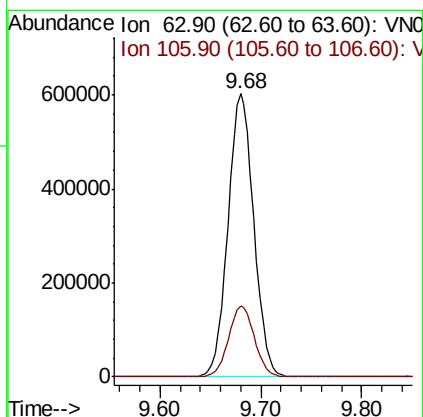
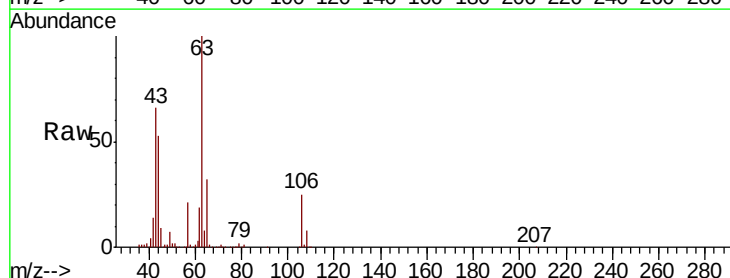
Acq: 17 Mar 2020 19:35

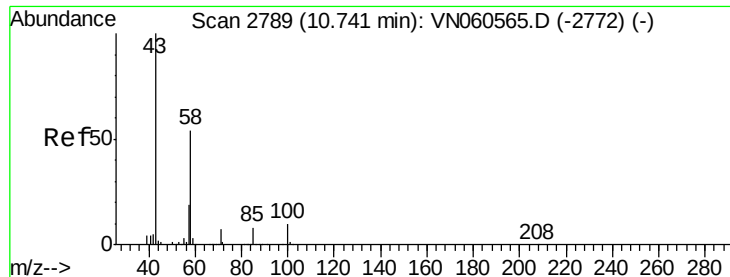
Tgt Ion: 63 Resp: 1071550

Ion Ratio Lower Upper

63 100

106 25.1 20.0 30.0

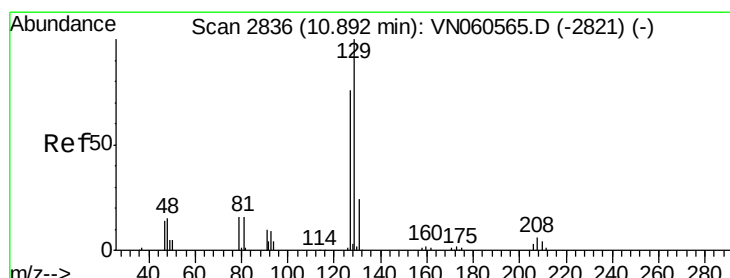
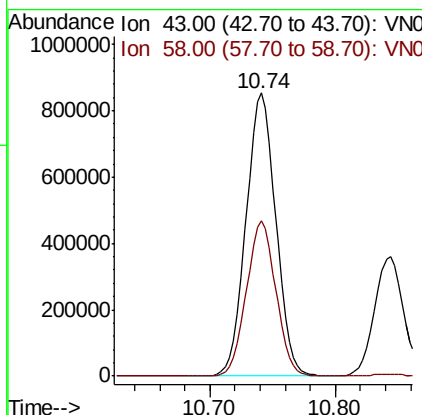
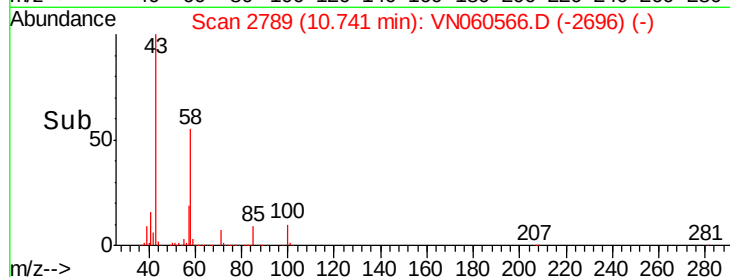
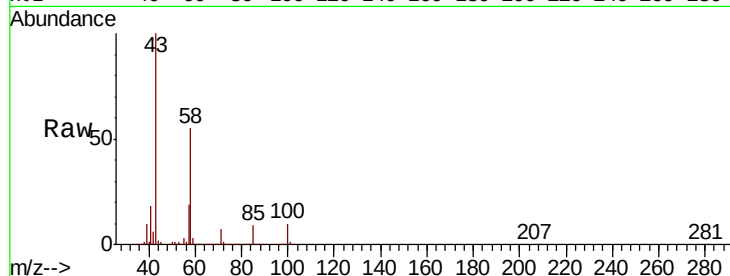




#59
2-Hexanone
Concen: 571.208 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

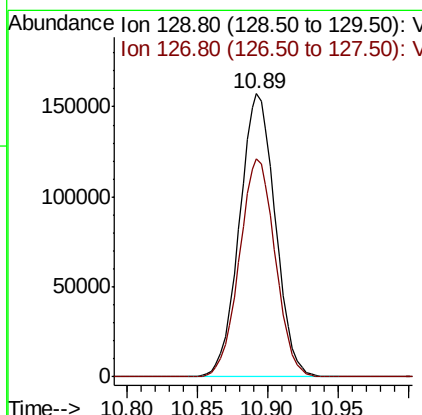
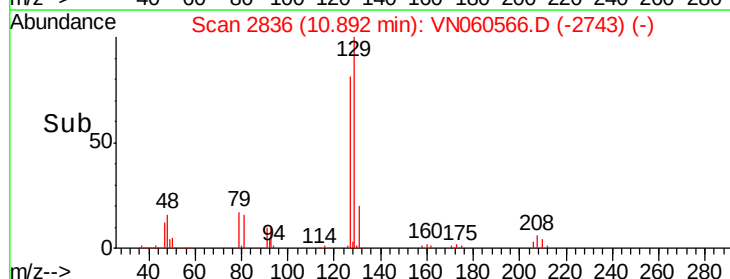
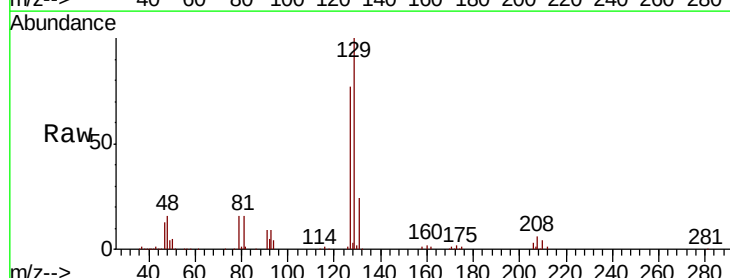
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

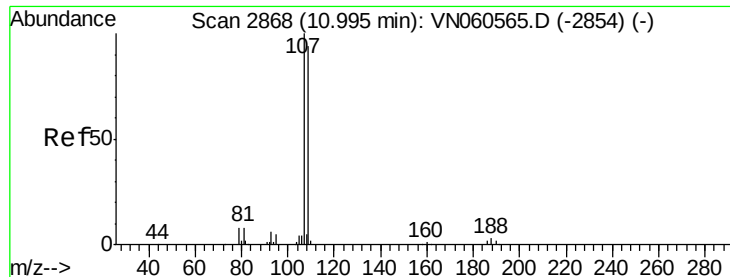
Tot Ion: 43 Resp: 1414489
Ion Ratio Lower Upper
43 100
58 54.2 26.7 80.1



#60
Dibromochloromethane
Concen: 105.597 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 129 Resp: 279255
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

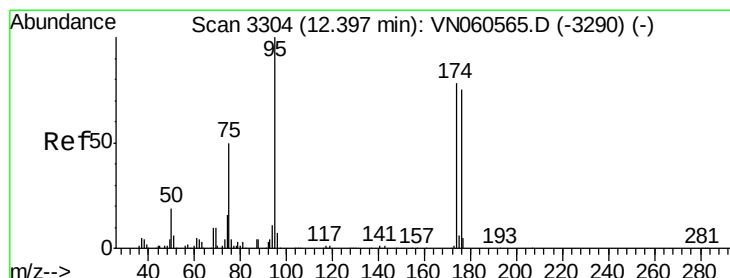
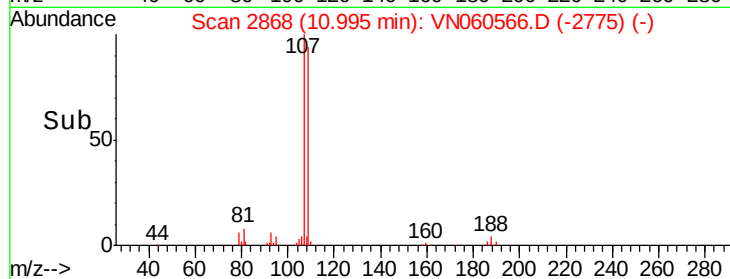
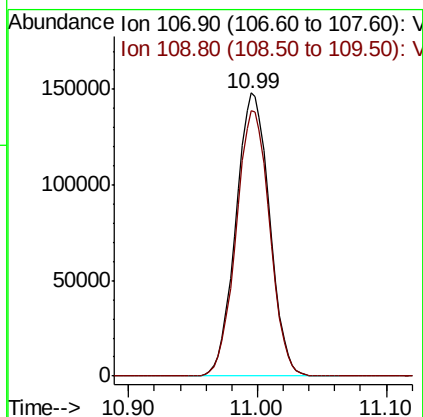
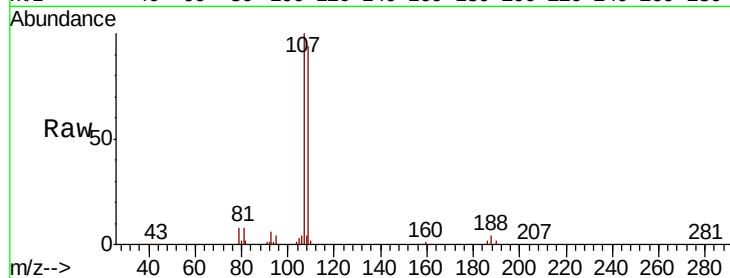




#61
 1,2-Dibromoethane
 Concen: 105.638 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

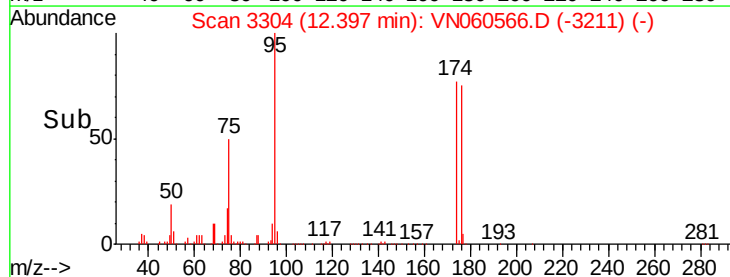
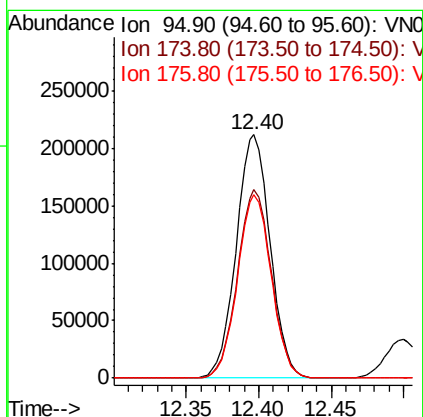
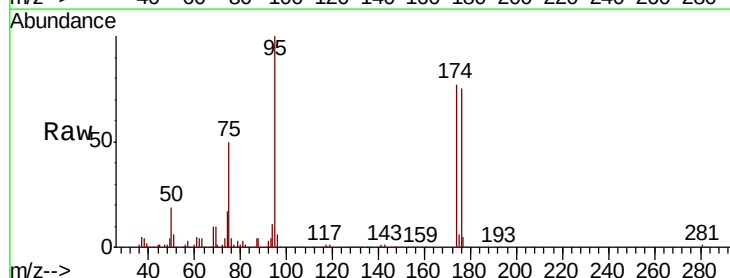
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

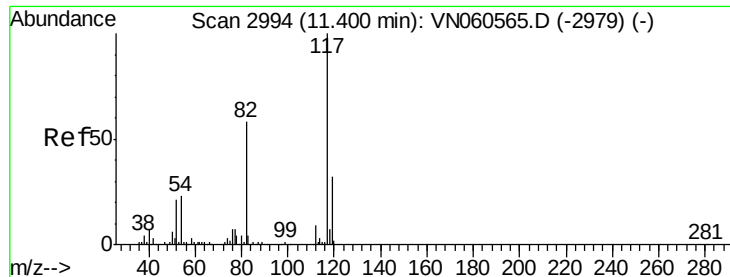
Tot Ion: 107 Resp: 268663
 Ion Ratio Lower Upper
 107 100
 109 93.8 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 103.036 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

Tgt Ion: 95 Resp: 343912
 Ion Ratio Lower Upper
 95 100
 174 77.6 0.0 157.6
 176 75.1 0.0 150.6

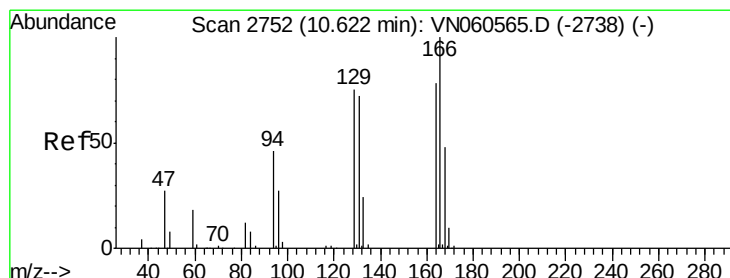
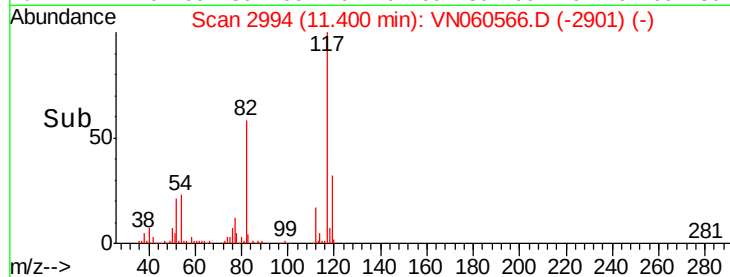
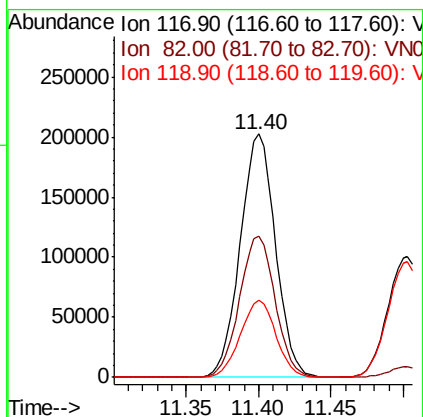
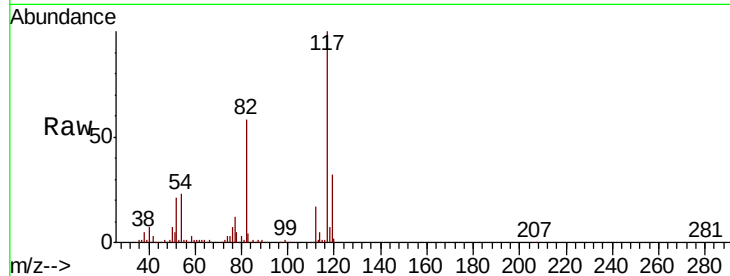




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

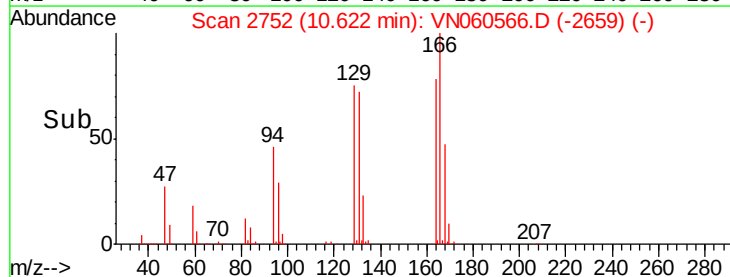
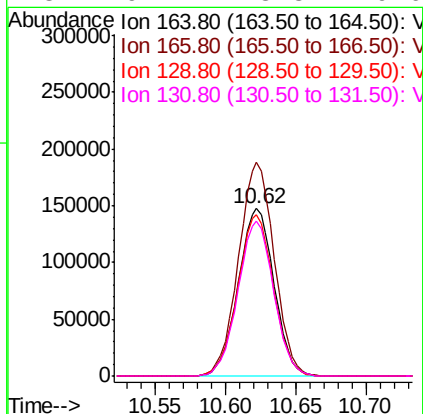
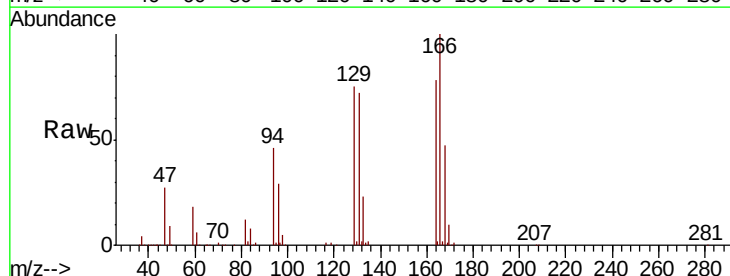
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

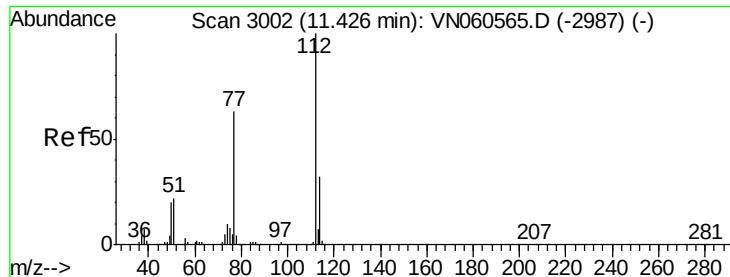
Tot Ion:117 Resp: 342347
Ion Ratio Lower Upper
117 100
82 57.9 46.7 70.1
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 86.605 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion:164 Resp: 262256
Ion Ratio Lower Upper
164 100
166 127.4 102.7 154.1
129 95.9 77.2 115.8
131 92.2 73.8 110.6

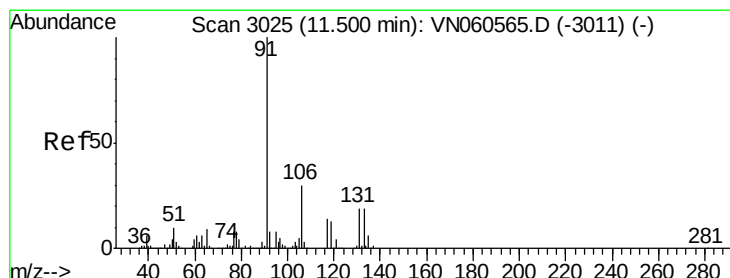
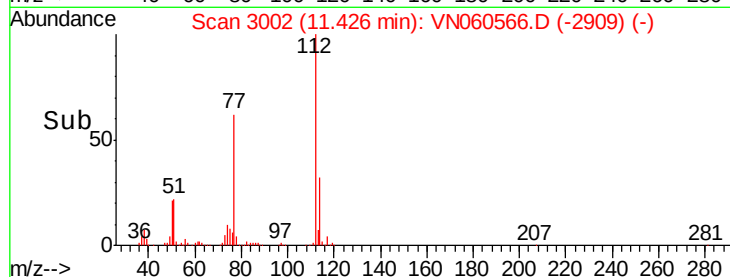
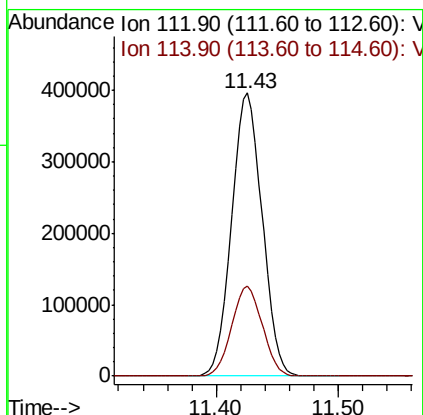
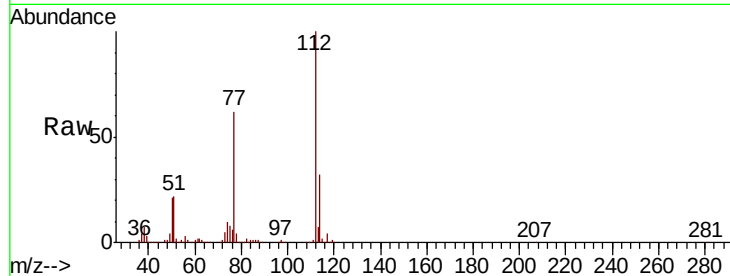




#65
Chlorobenzene
Concen: 99.230 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

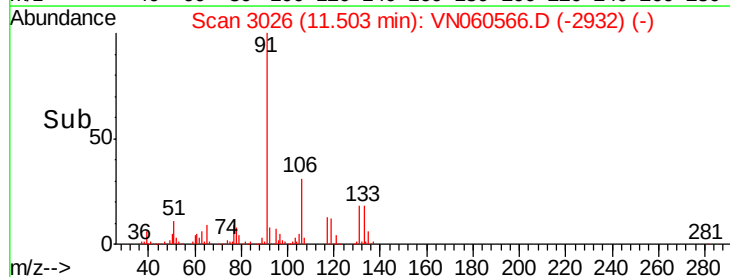
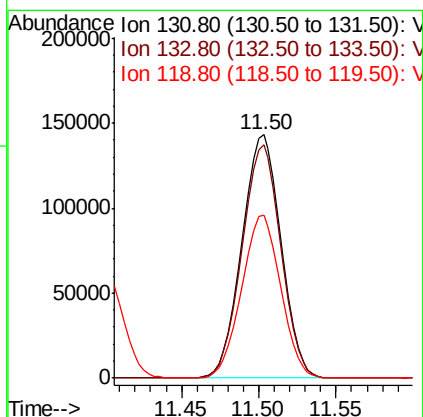
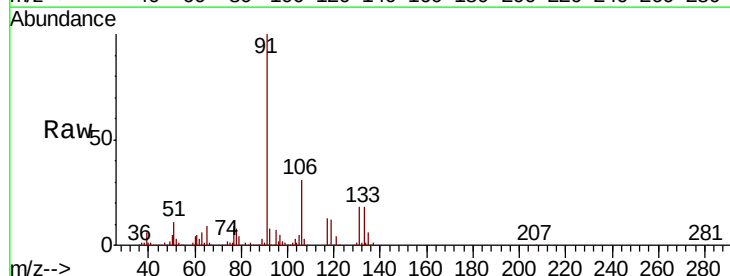
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

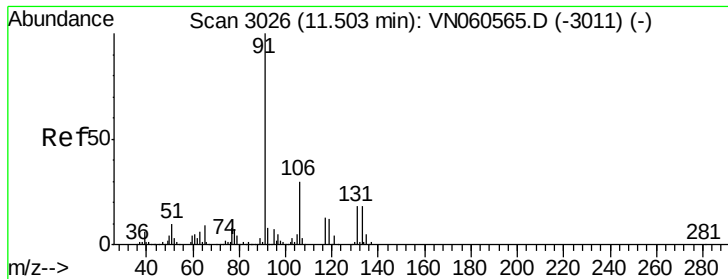
Tot Ion:112 Resp: 688741
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 98.872 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion:131 Resp: 252118
Ion Ratio Lower Upper
131 100
133 95.5 48.9 146.8
119 66.8 33.9 101.7





#67

Ethyl Benzene

Concen: 102.218 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

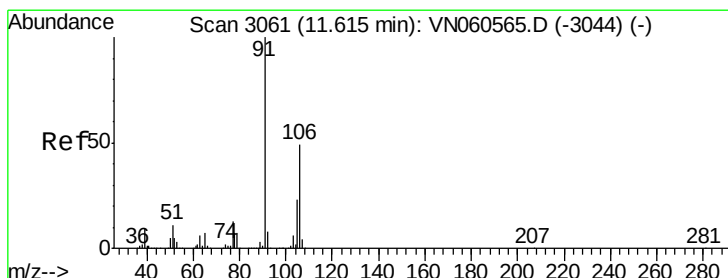
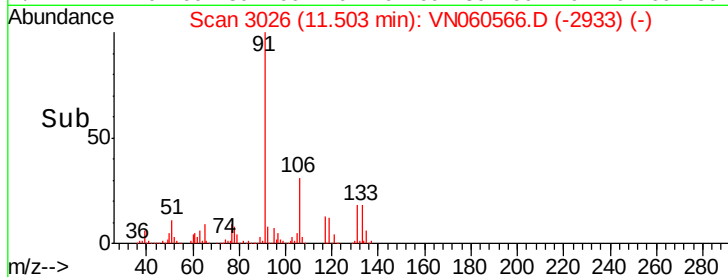
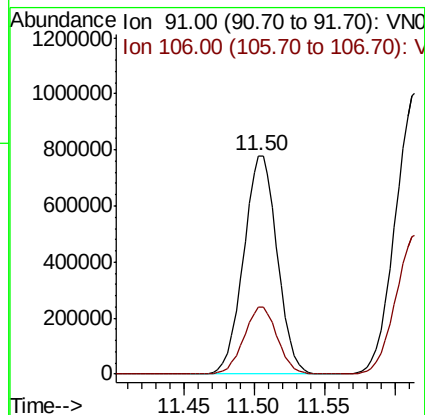
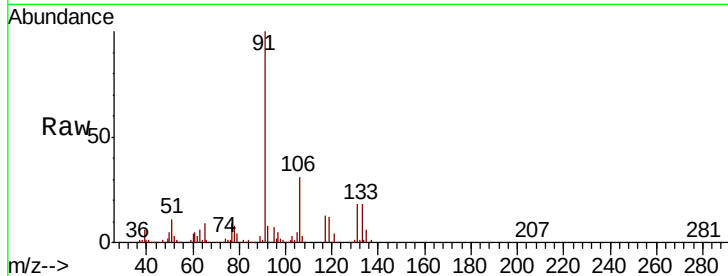
VSTDIC100

Tot Ion: 91 Resp: 1297995

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.2



#68

m/p-Xylenes

Concen: 200.867 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN060566.D

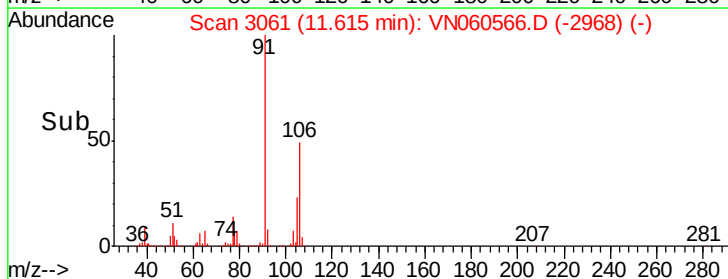
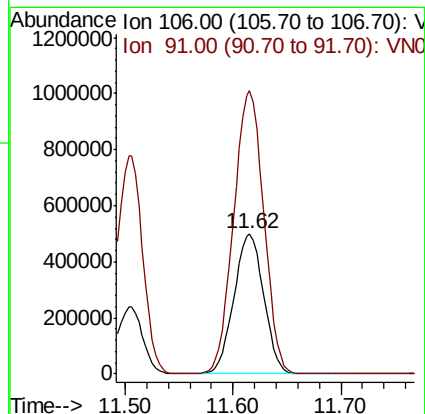
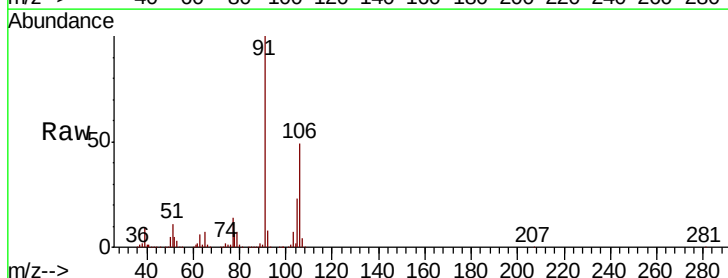
Acq: 17 Mar 2020 19:35

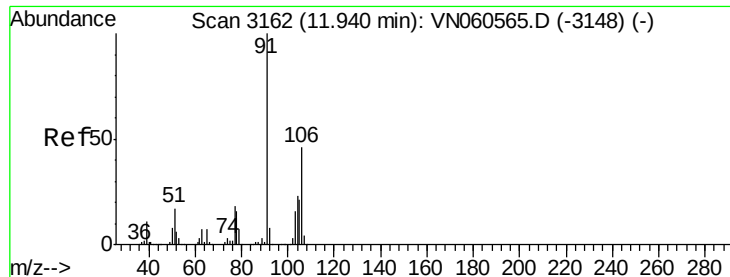
Tgt Ion: 106 Resp: 961849

Ion Ratio Lower Upper

106 100

91 204.2 165.0 247.4

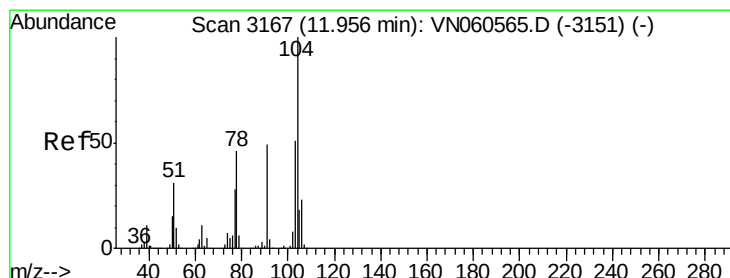
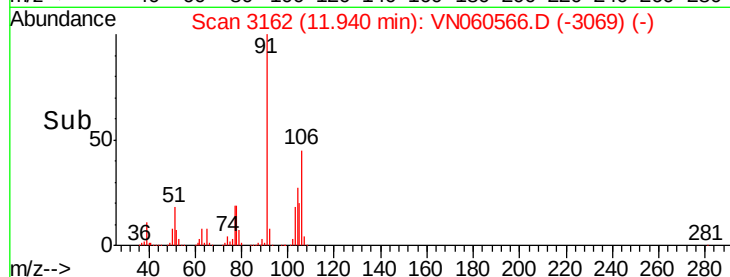
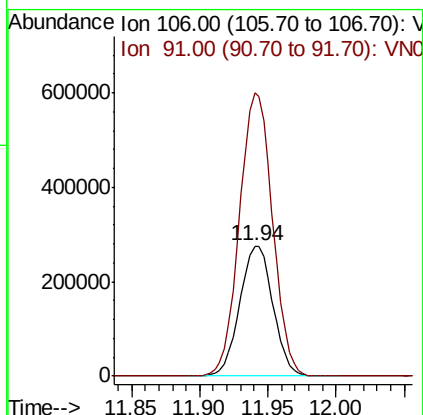
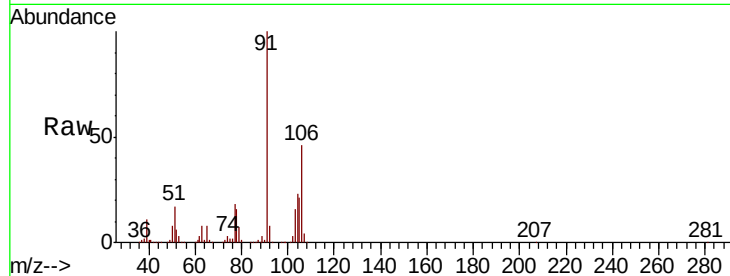




#69
o-Xylene
Concen: 101.692 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

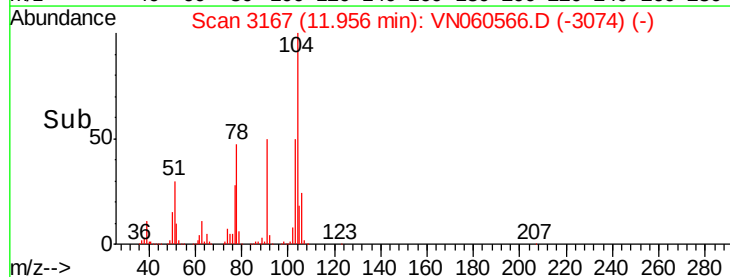
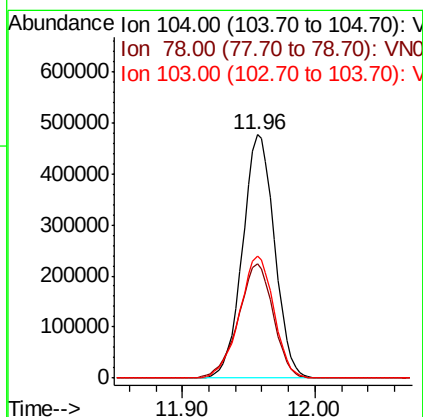
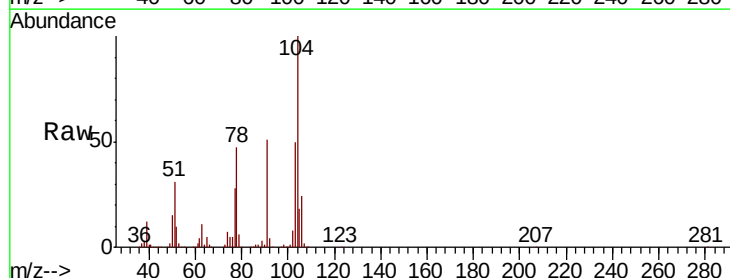
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

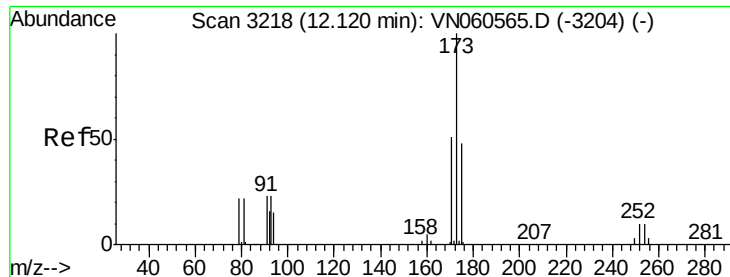
Tot Ion:106 Resp: 464023
Ion Ratio Lower Upper
106 100
91 217.5 109.5 328.4



#70
Styrene
Concen: 106.228 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion:104 Resp: 796195
Ion Ratio Lower Upper
104 100
78 51.4 41.2 61.8
103 54.2 44.0 66.0

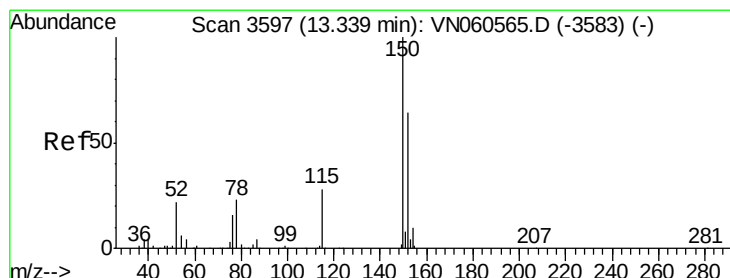
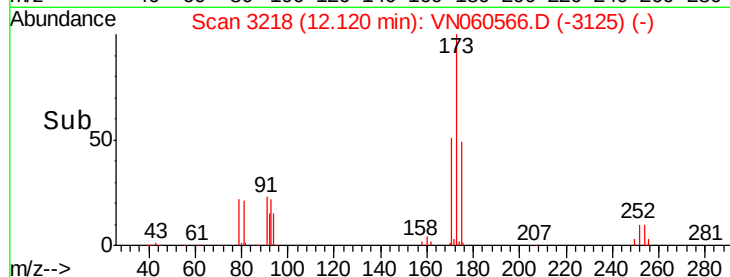
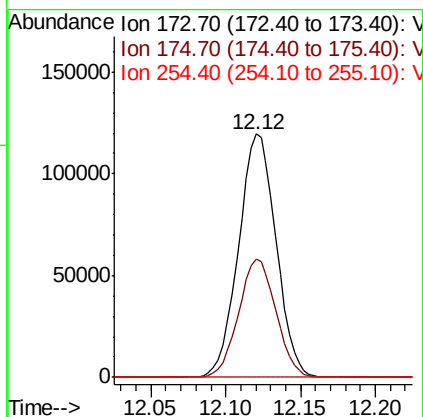
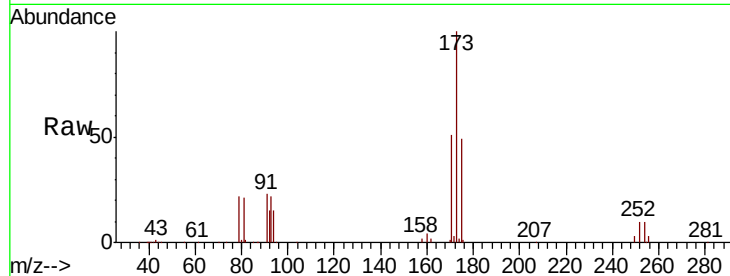




#71
Bromoform
Concen: 112.520 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

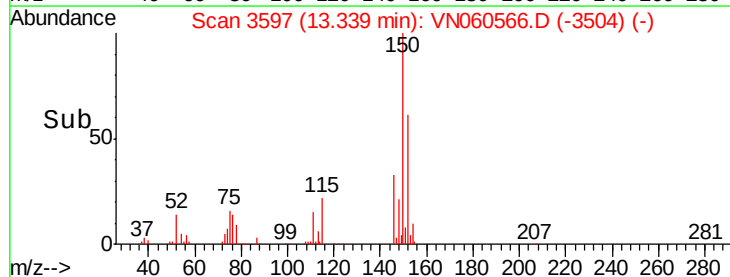
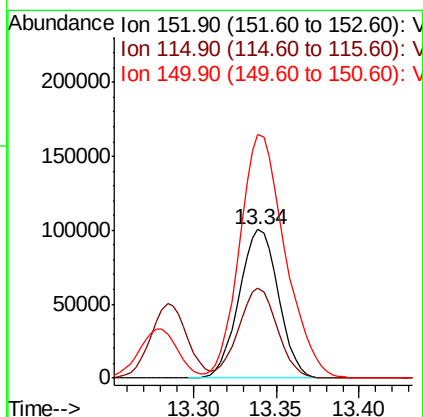
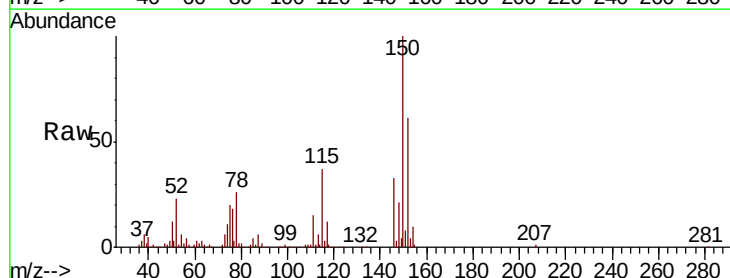
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

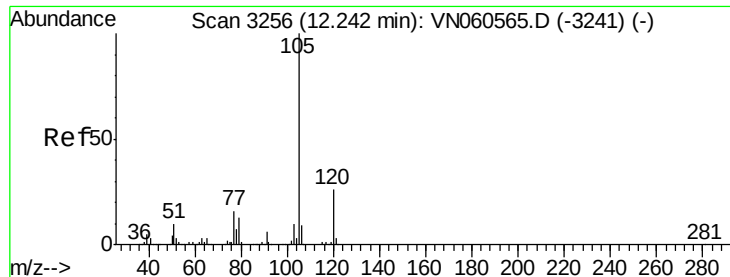
Tot Ion:173 Resp: 208092
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion:152 Resp: 166060
Ion Ratio Lower Upper
152 100
115 59.8 30.2 90.6
150 189.2 0.0 350.2





#73

Isopropylbenzene

Concen: 98.867 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

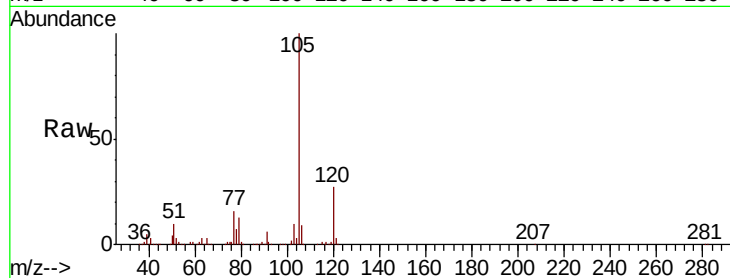
VSTDIC100

Tot Ion:105 Resp: 1227903

Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

600000

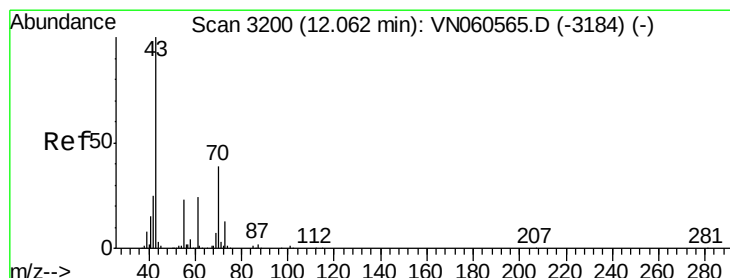
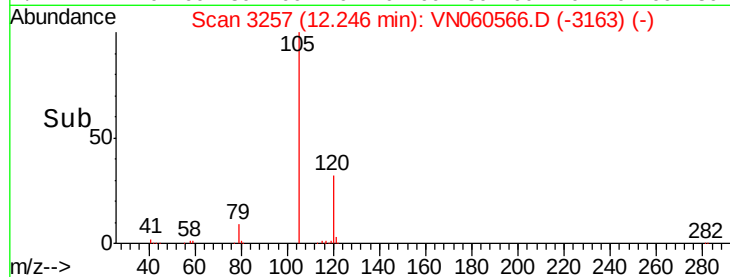
400000

200000

0

12.15 12.20 12.25 12.30

Time-->



#74

N-ethyl acetate

Concen: 108.997 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Tgt Ion: 43 Resp: 598225

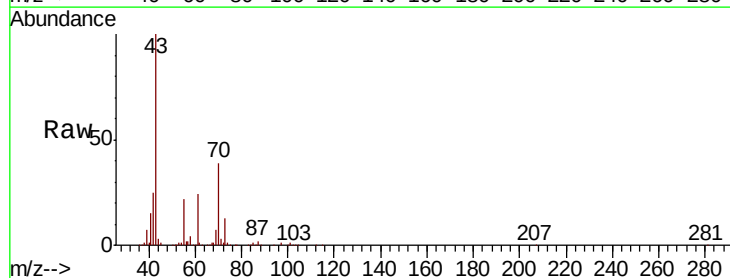
Ion Ratio Lower Upper

43 100

70 39.4 31.1 46.7

55 22.8 18.6 27.8

61 23.8 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

600000

500000

400000

300000

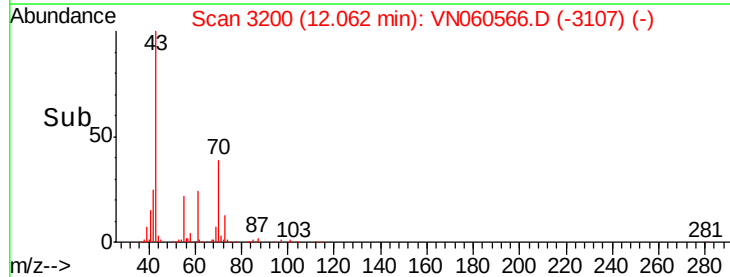
200000

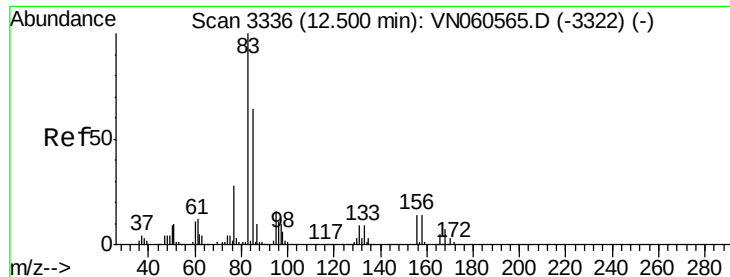
100000

0

12.00 12.10 12.20

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 109.000 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

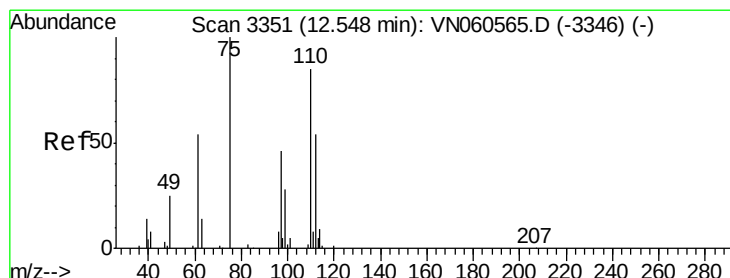
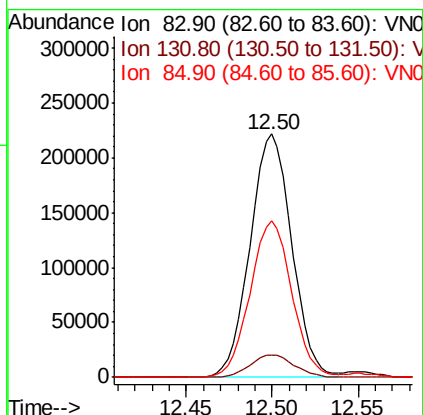
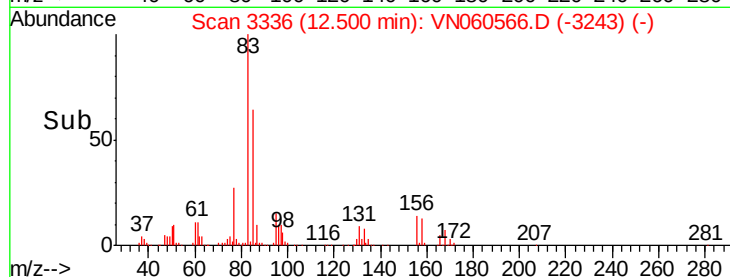
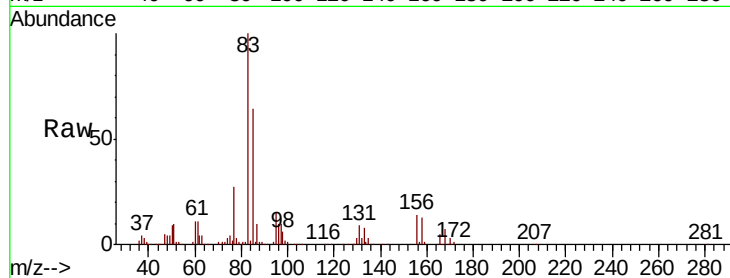
Tot Ion: 83 Resp: 373481

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 64.0 32.5 97.4



#76

1,2,3-Trichloropropane

Concen: 142.414 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060566.D

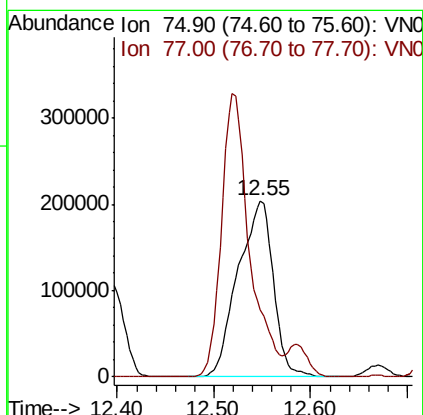
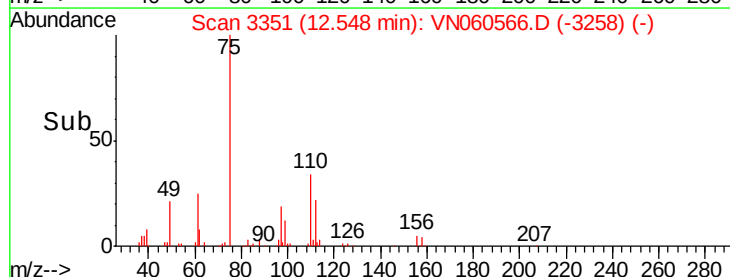
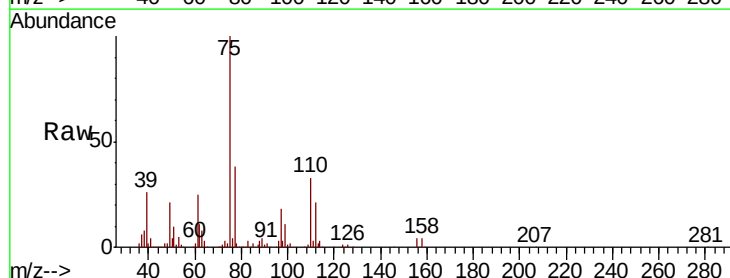
Acq: 17 Mar 2020 19:35

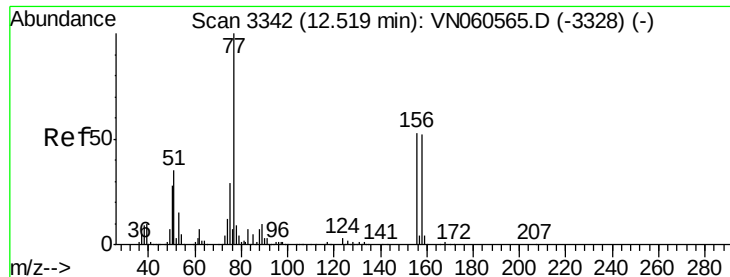
Tgt Ion: 75 Resp: 516952

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 96.951 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

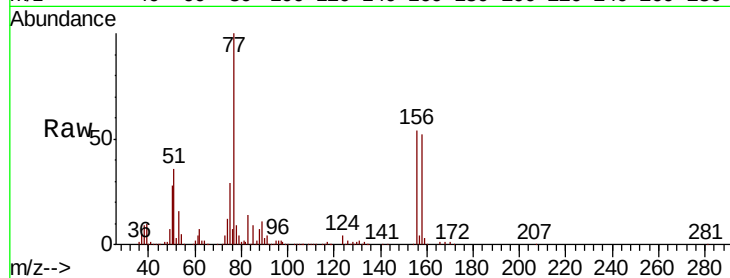
Tot Ion:156 Resp: 294149

Ion Ratio Lower Upper

156 100

77 225.0 112.3 337.0

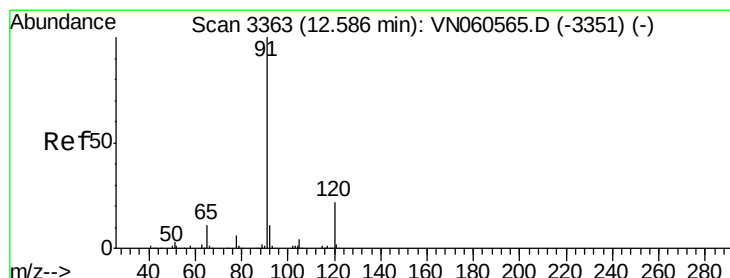
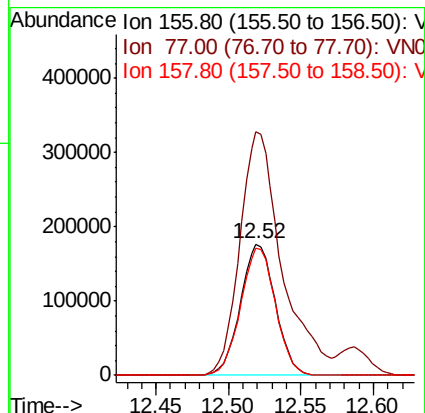
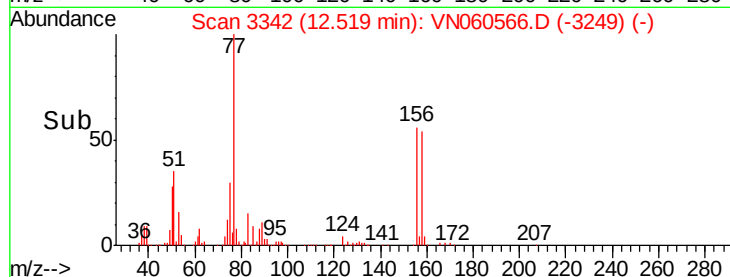
158 97.3 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 100.066 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060566.D

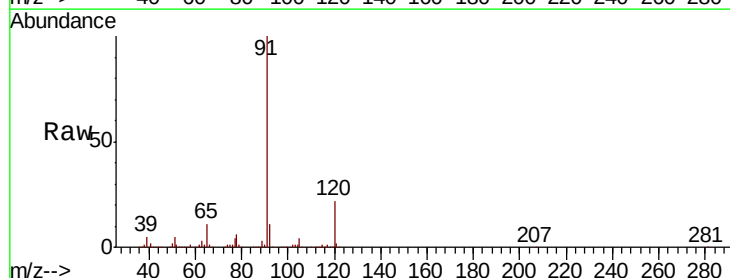
Acq: 17 Mar 2020 19:35

Tgt Ion: 91 Resp: 1460159

Ion Ratio Lower Upper

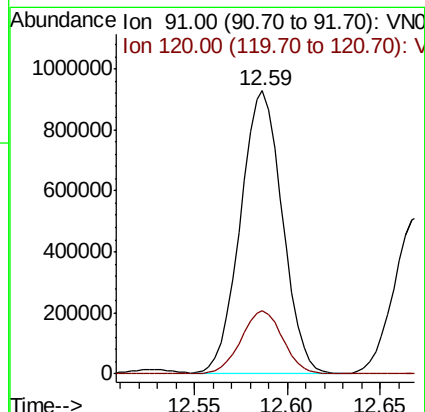
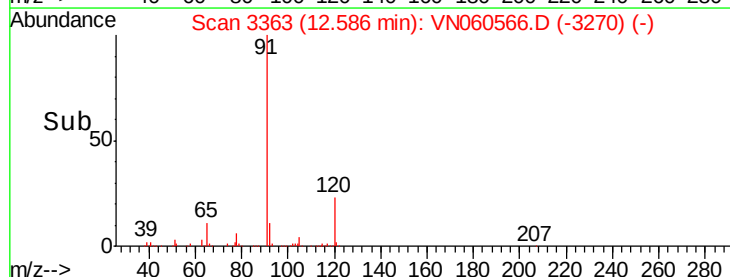
91 100

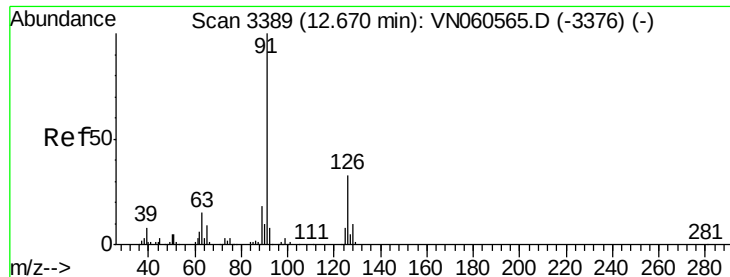
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 99.687 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

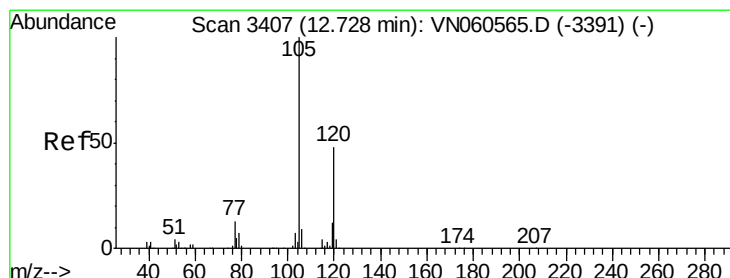
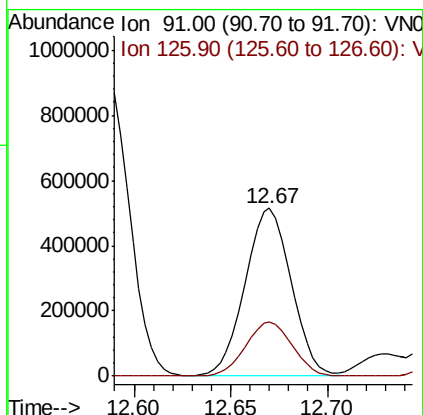
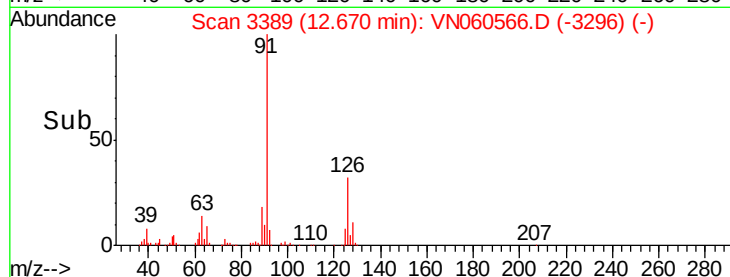
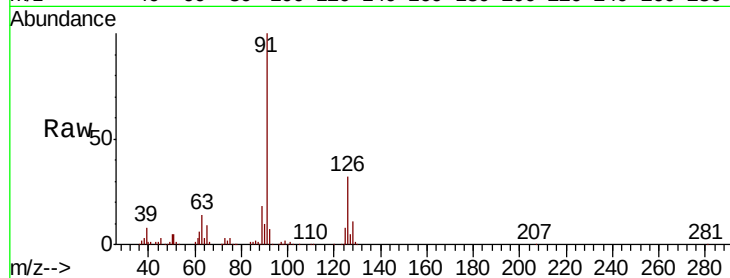
VSTDIC100

Tot Ion: 91 Resp: 856758

Ion Ratio Lower Upper

91 100

126 32.5 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 99.771 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060566.D

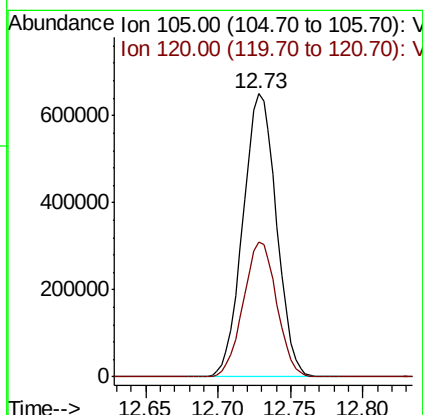
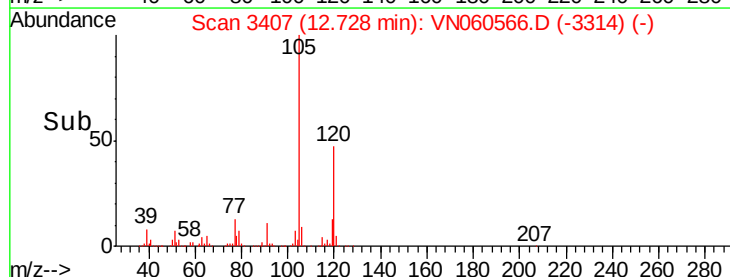
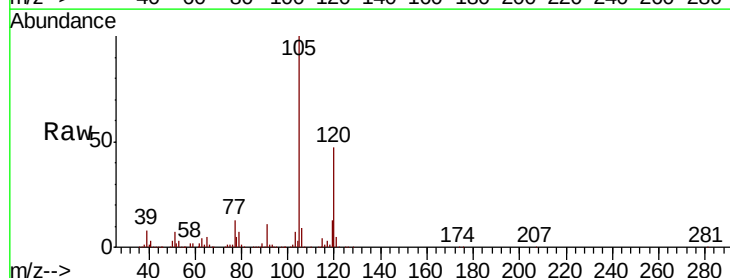
Acq: 17 Mar 2020 19:35

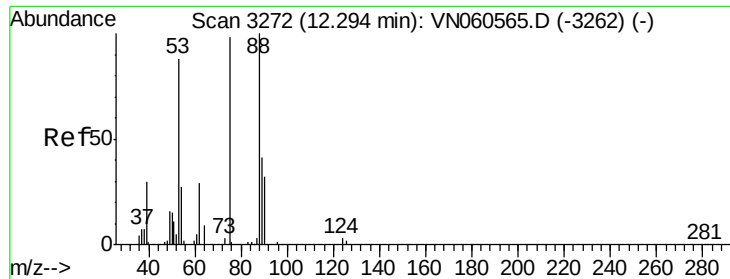
Tgt Ion: 105 Resp: 1043641

Ion Ratio Lower Upper

105 100

120 47.6 23.9 71.7

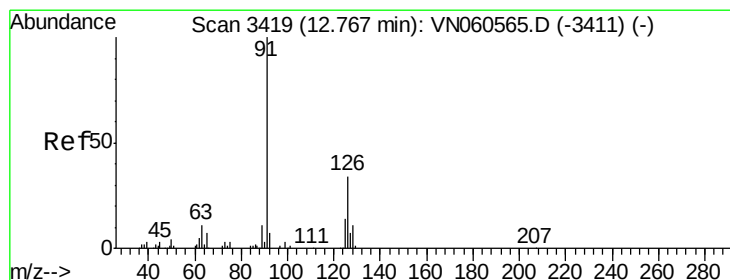
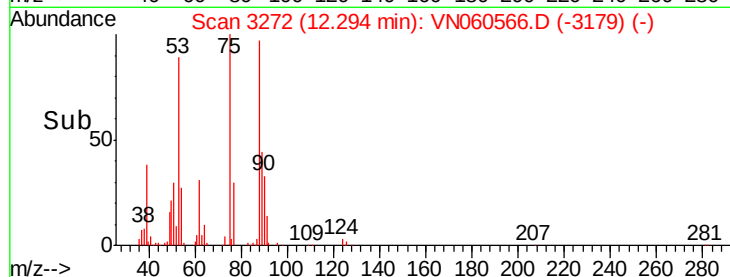
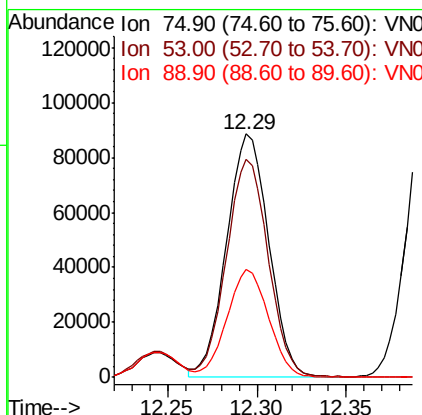
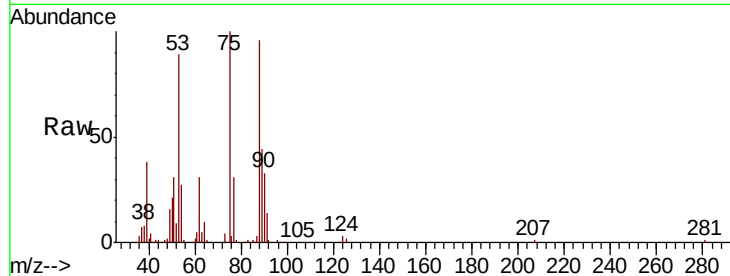




#81
trans-1,4-Dichloro-2-butene
Concen: 109.358 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

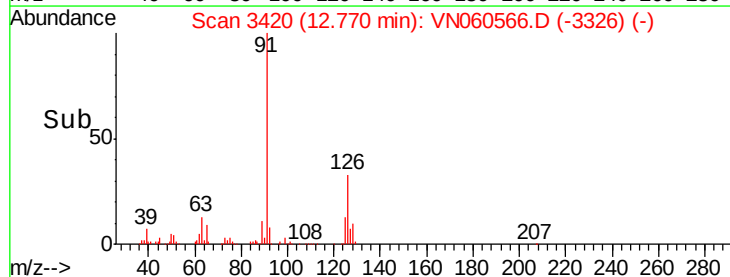
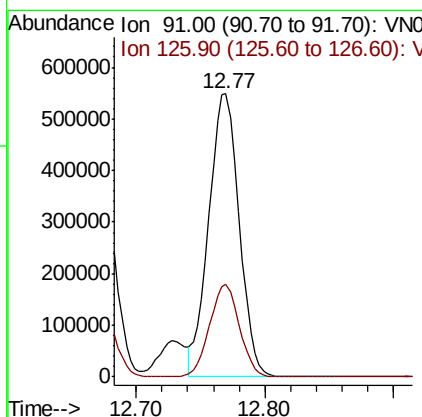
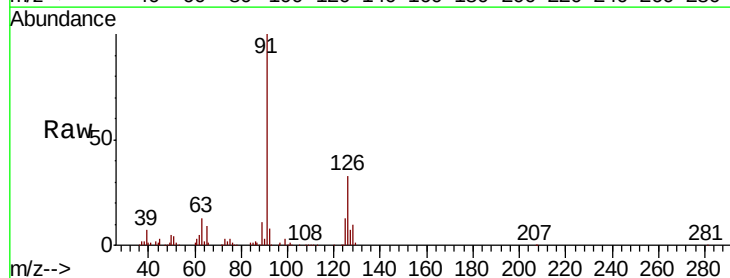
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

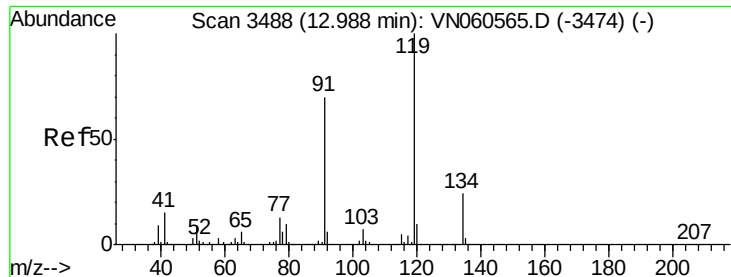
Tot Ion: 75 Resp: 146022
Ion Ratio Lower Upper
75 100
53 88.4 73.0 109.4
89 43.4 34.8 52.2



#82
4-Chlorotoluene
Concen: 99.240 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 91 Resp: 897118
Ion Ratio Lower Upper
91 100
126 32.2 16.2 48.5

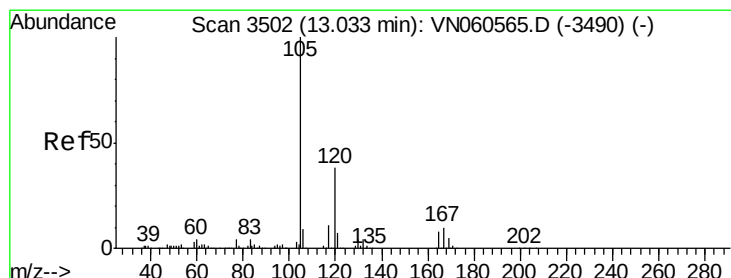
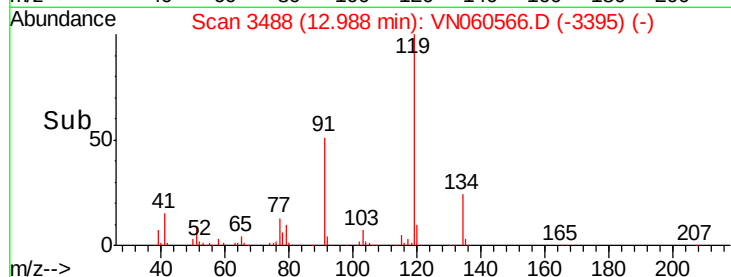
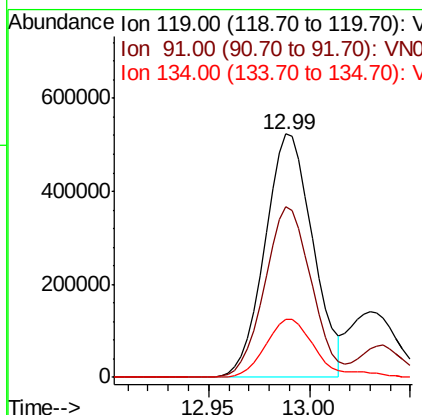
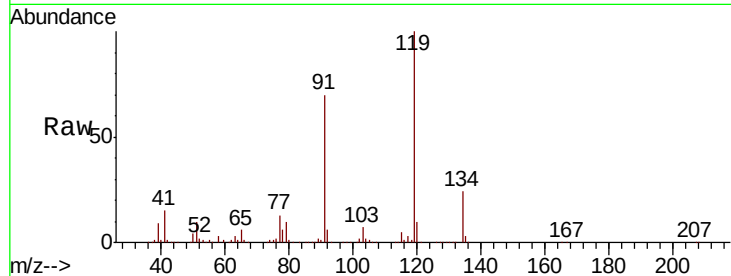




#83
 tert-Butylbenzene
 Concen: 96.200 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

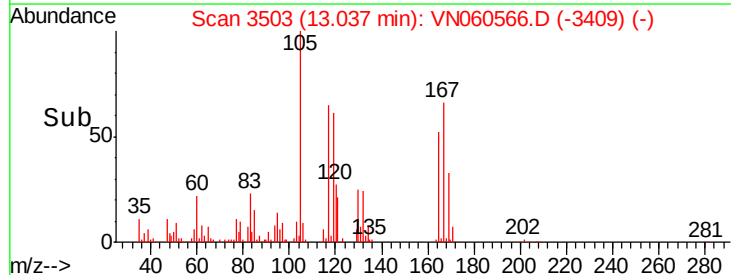
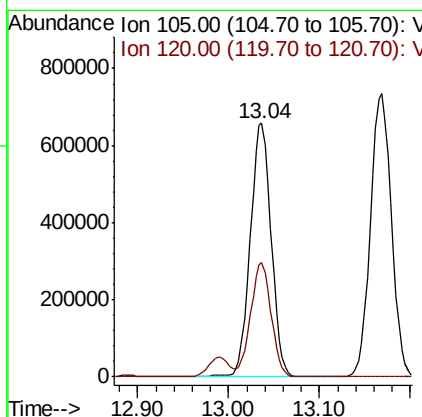
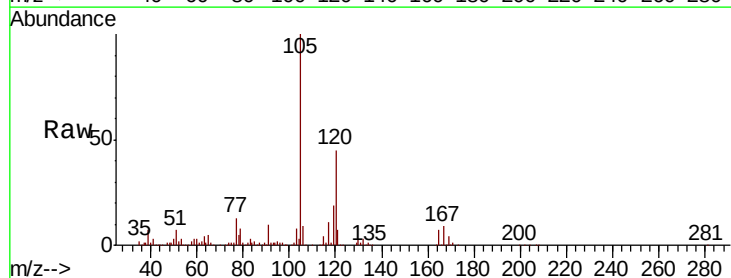
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

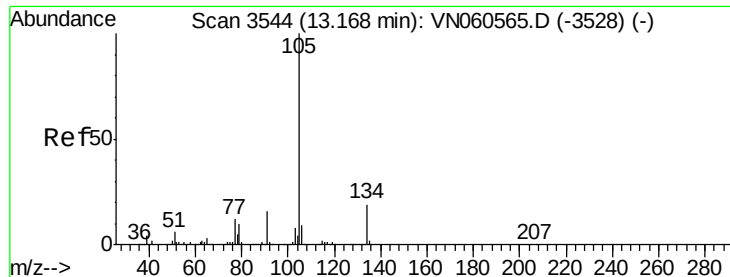
Tot Ion:119 Resp: 865253
 Ion Ratio Lower Upper
 119 100
 91 68.2 34.0 101.8
 134 25.2 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 99.365 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

Tgt Ion:105 Resp: 1047344
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 97.068 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

Instrument :

MSVOA_N

ClientSampleId :

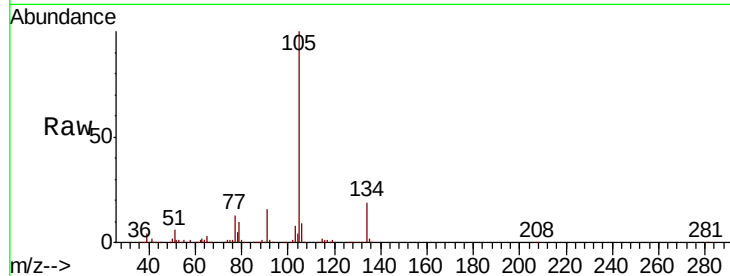
VSTDIC100

Tot Ion:105 Resp: 1171647

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.17

800000

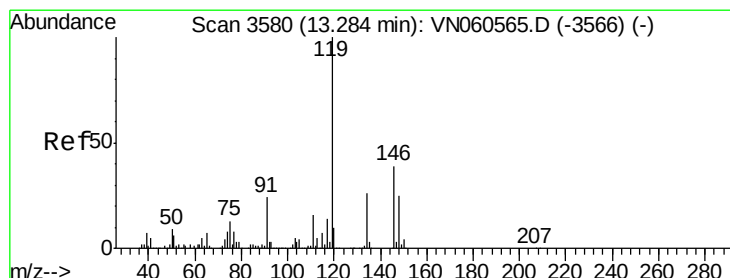
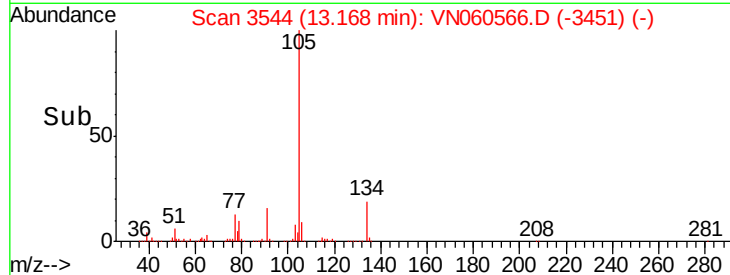
600000

400000

200000

0

Time--> 13.10 13.15 13.20 13.25



#86

p-Isopropyltoluene

Concen: 95.237 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060566.D

Acq: 17 Mar 2020 19:35

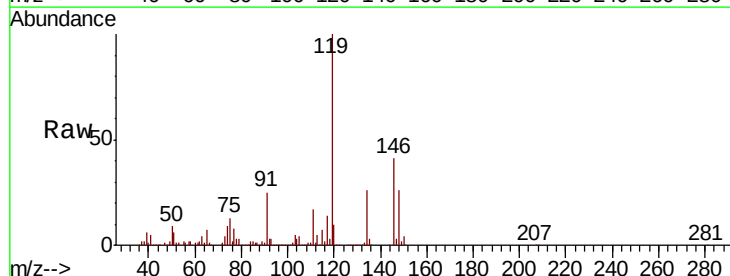
Tgt Ion:119 Resp: 1061666

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

91 24.3 12.0 36.0



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

13.28

800000

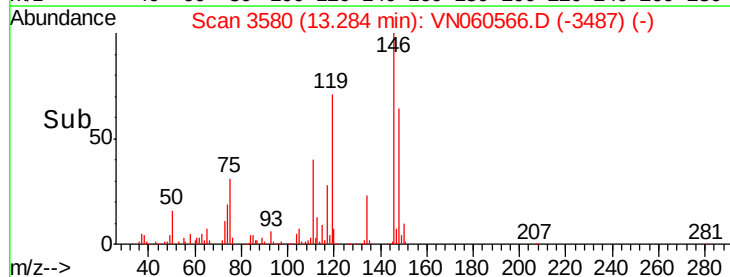
600000

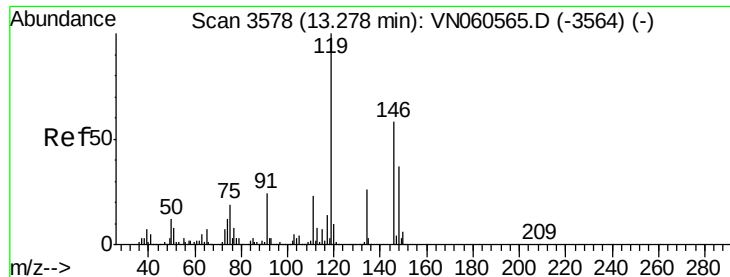
400000

200000

0

Time--> 13.20 13.25 13.30 13.35

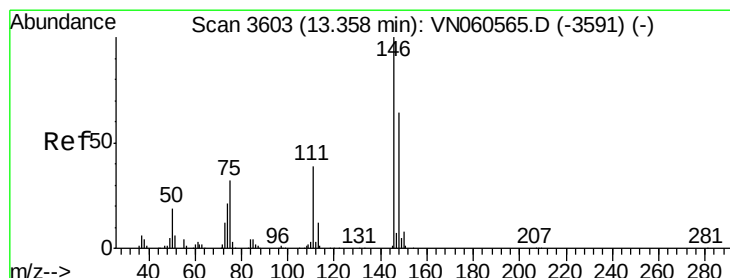
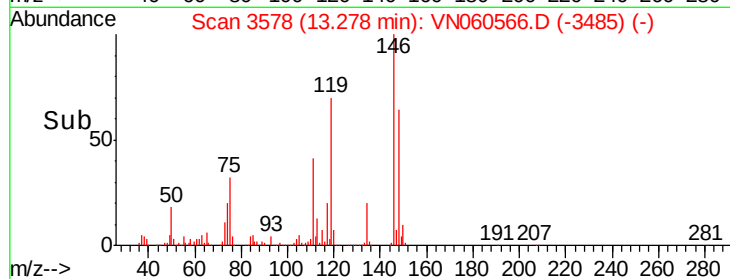
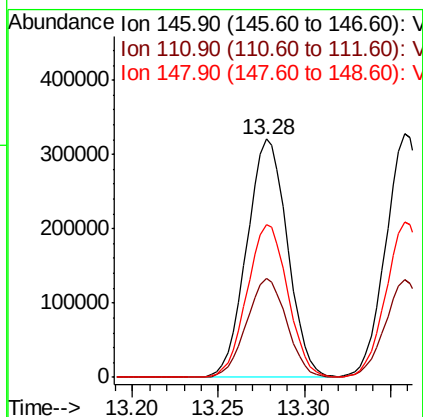
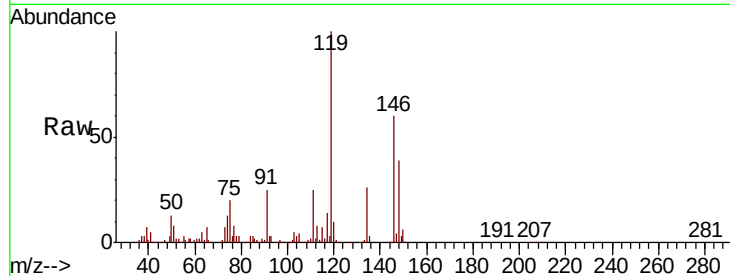




#87
 1,3-Dichlorobenzene
 Concen: 92.701 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

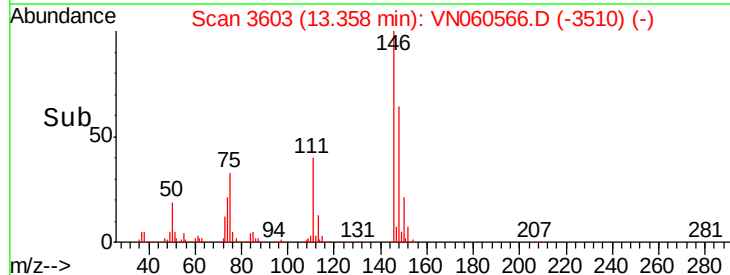
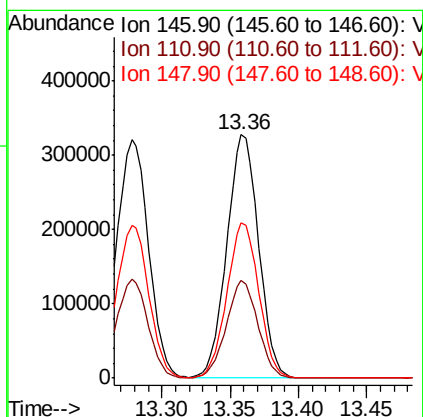
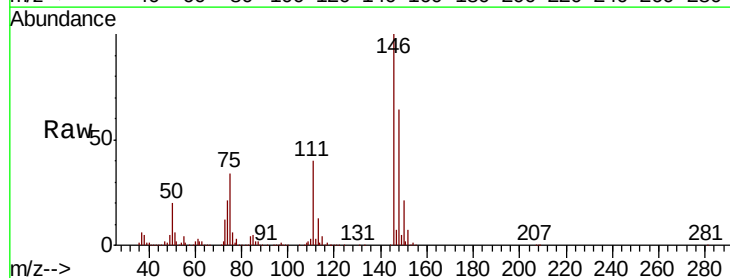
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

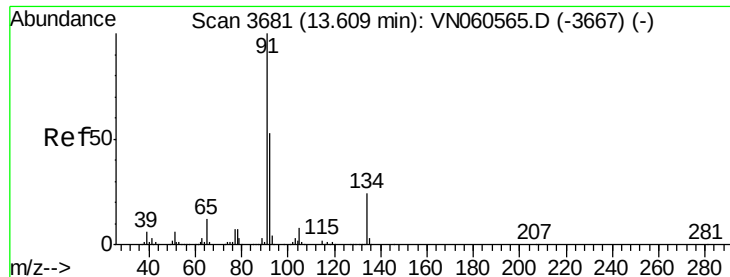
Tot Ion:146 Resp: 526161
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.3 60.8
 148 64.3 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 93.449 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

Tgt Ion:146 Resp: 529225
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.6 58.7
 148 64.1 32.1 96.3

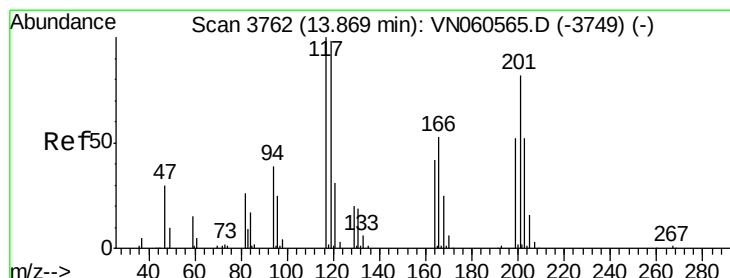
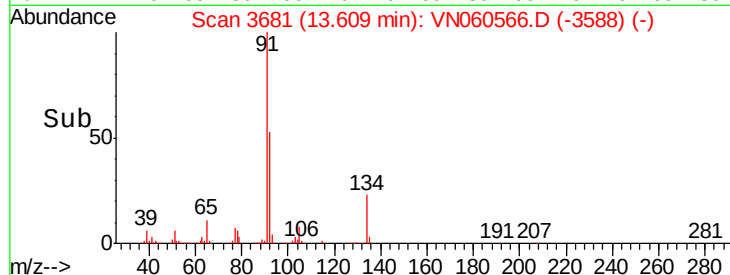
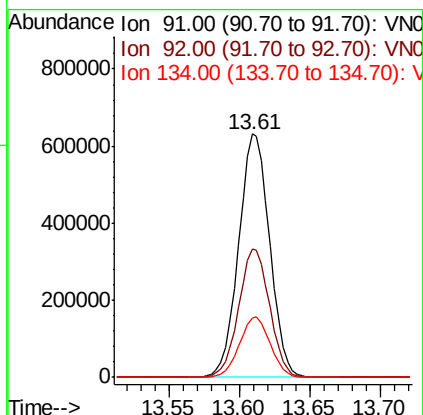
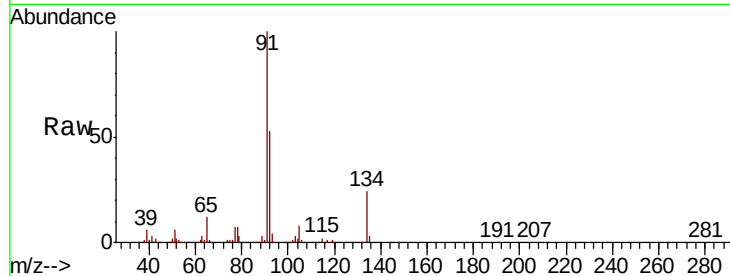




#89
n-Butylbenzene
Concen: 95.060 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

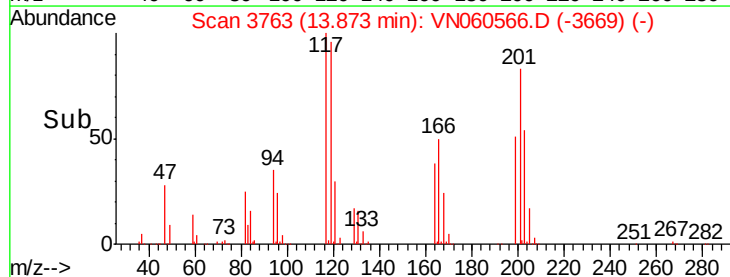
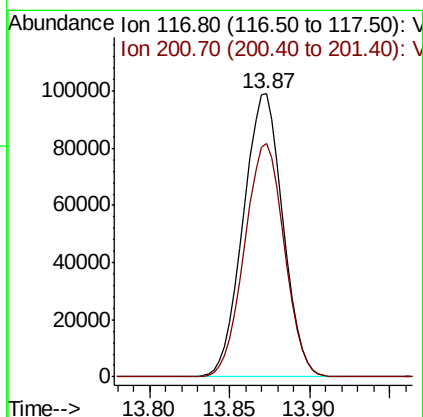
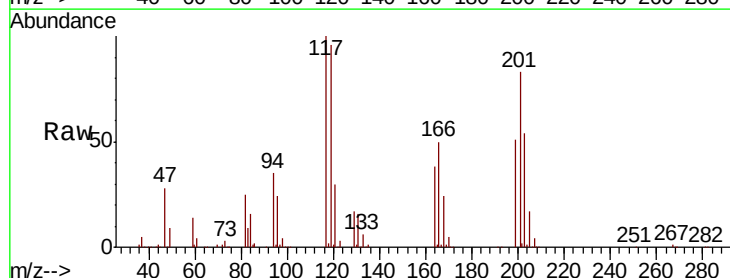
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

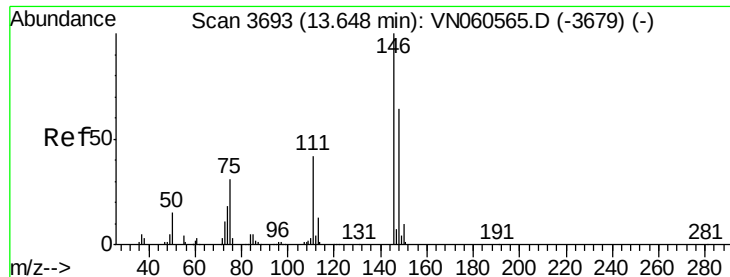
Tot Ion: 91 Resp: 972249
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 24.7 12.3 36.9



#90
Hexachloroethane
Concen: 104.111 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion: 117 Resp: 167740
Ion Ratio Lower Upper
117 100
201 82.7 40.8 122.5

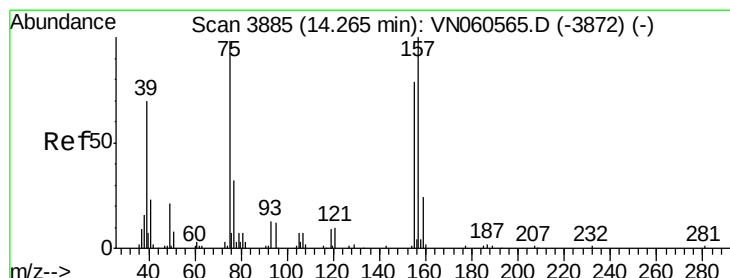
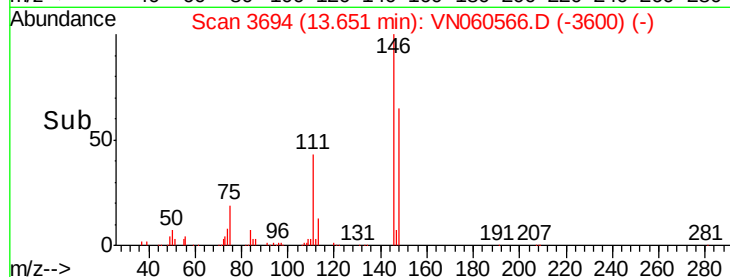
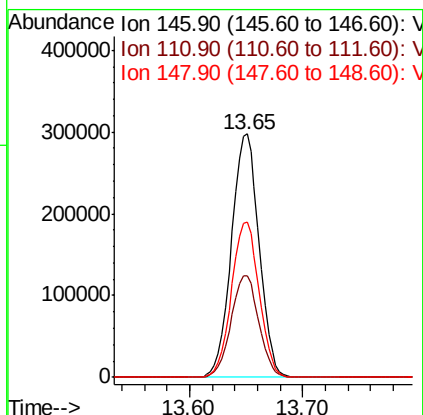
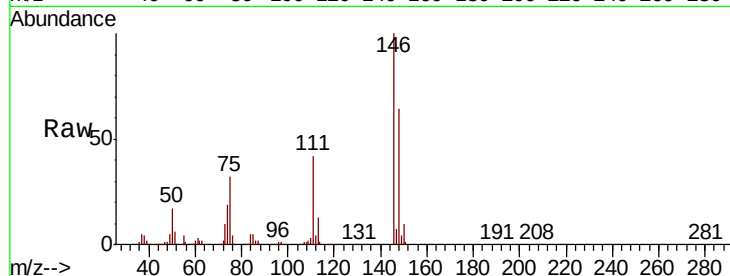




#91
 1,2-Dichlorobenzene
 Concen: 95.064 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

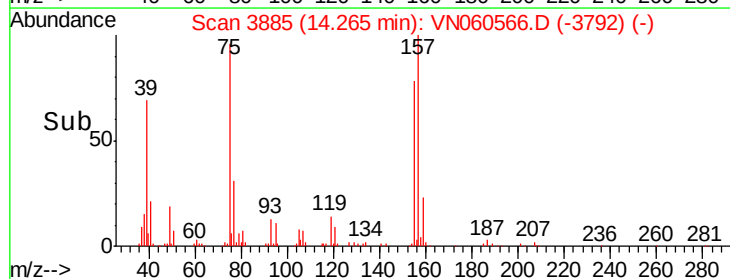
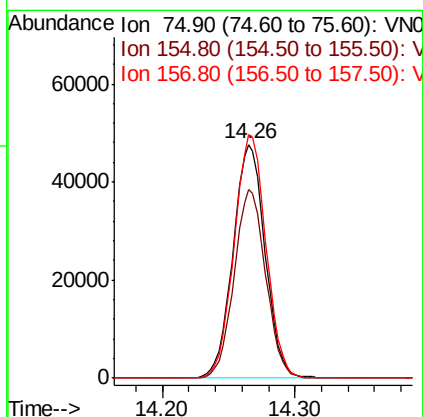
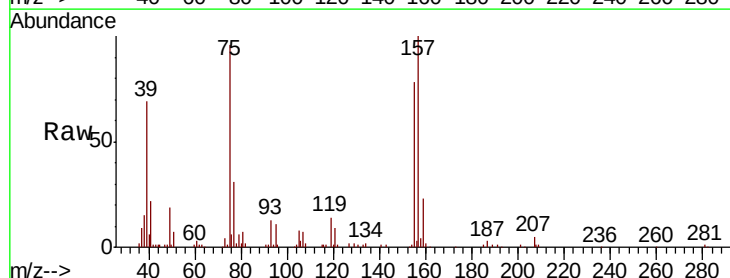
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

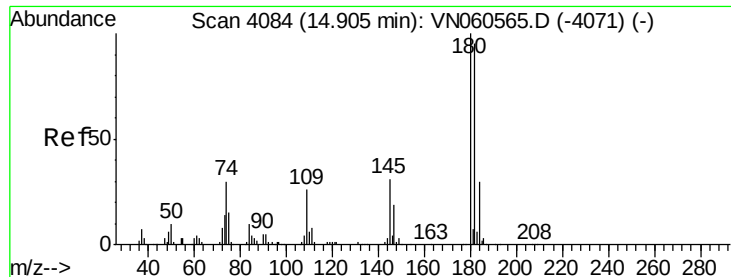
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	63.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 104.447 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.2	40.7	122.1
157	103.3	51.5	154.7

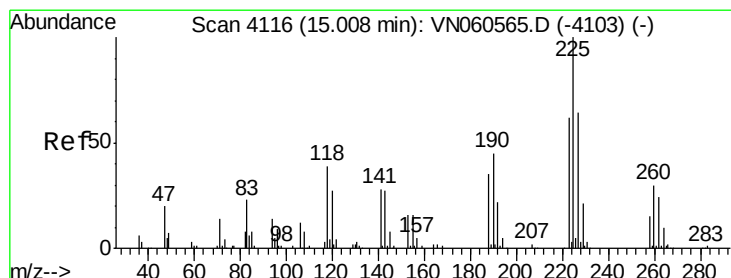
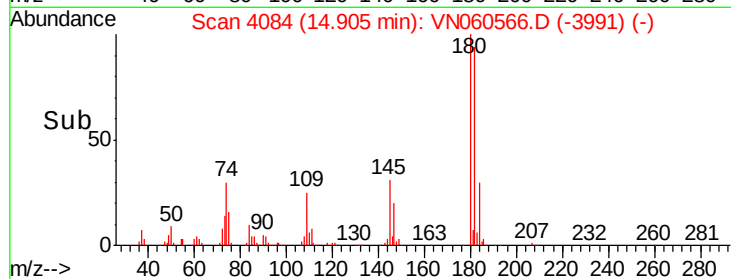
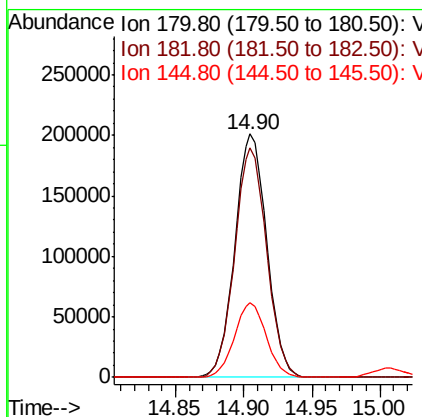
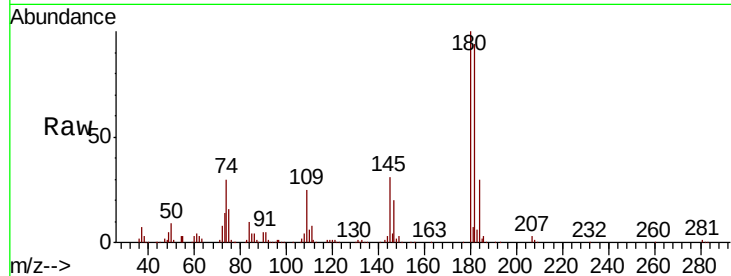




#93
 1,2,4-Trichlorobenzene
 Concen: 87.249 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. 0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

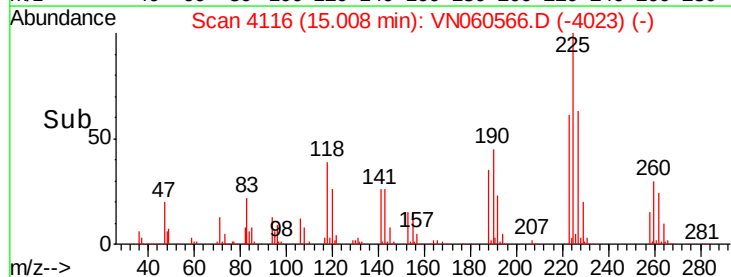
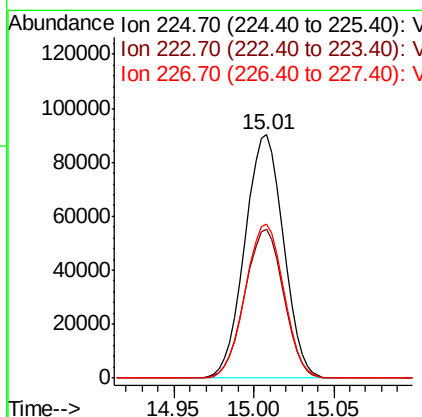
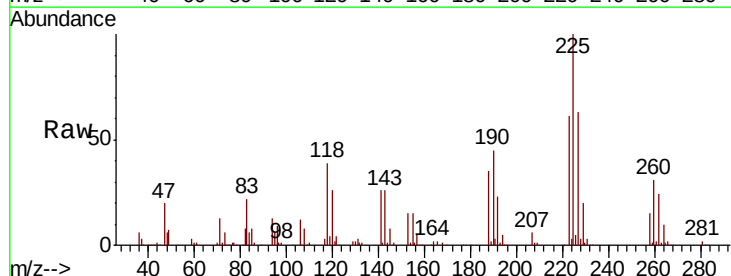
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

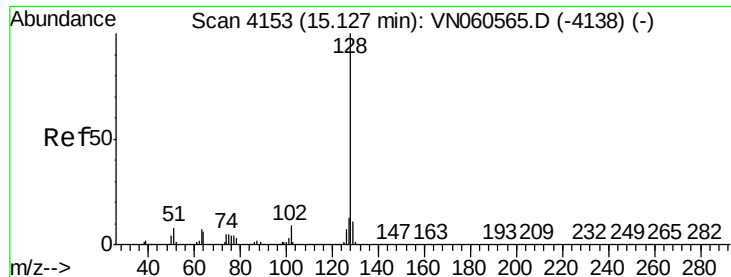
Tot Ion:180 Resp: 325964
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.9 143.8
 145 30.5 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 84.055 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060566.D
 Acq: 17 Mar 2020 19:35

Tgt Ion:225 Resp: 149082
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.6 95.0
 227 63.2 32.3 96.8

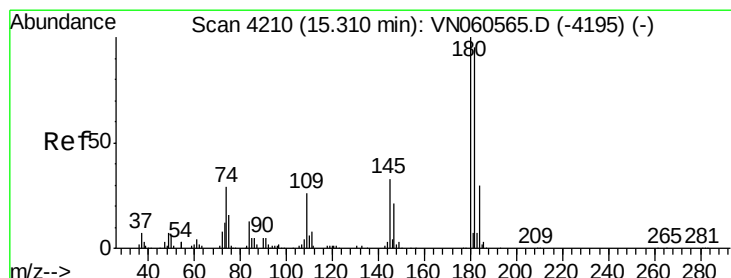
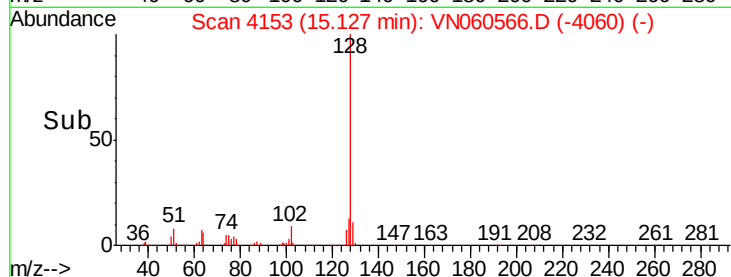
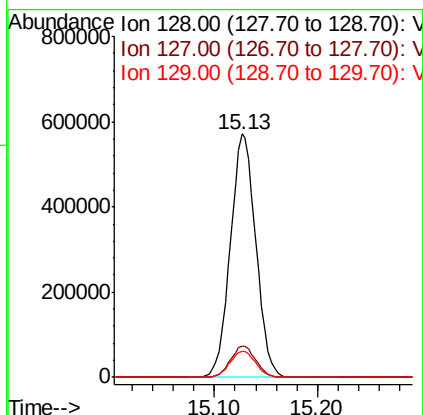
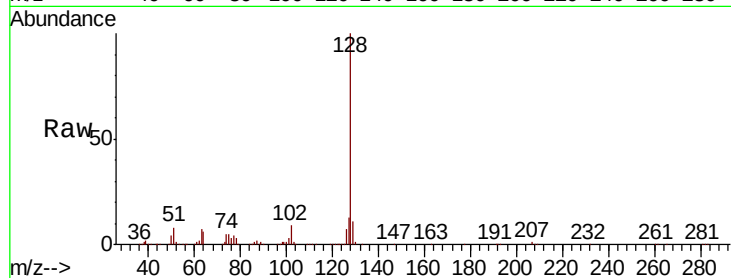




#95
Naphthalene
Concen: 91.051 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion:128 Resp: 981751
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 87.707 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060566.D
Acq: 17 Mar 2020 19:35

Tgt Ion:180 Resp: 308360
Ion Ratio Lower Upper
180 100
182 94.9 47.5 142.6
145 32.1 16.3 48.8

