

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110419\
 Data File : VN059081.D
 Acq On : 4 Nov 2019 14:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 05 01:19:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 05:43:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	476604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	745084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	685345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	336554	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	307332	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	7.56	113	234301	48.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.48%	
50) Toluene-d8	10.08	98	937780	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	
62) 4-Bromofluorobenzene	12.40	95	347953	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	249489	48.416	ug/l	99
3) Chloromethane	2.04	50	329502	47.158	ug/l	97
4) Vinyl Chloride	2.17	62	331744	48.913	ug/l	99
5) Bromomethane	2.54	94	192176	47.927	ug/l	98
6) Chloroethane	2.68	64	198104	47.693	ug/l	99
7) Trichlorofluoromethane	3.00	101	399209	49.534	ug/l	99
8) Diethyl Ether	3.38	74	158497	50.359	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	232418	48.927	ug/l	99
10) Methyl Iodide	3.92	142	299268	51.832	ug/l	99
11) Tert butyl alcohol	4.75	59	273224	233.882	ug/l	100
12) 1,1-Dichloroethene	3.71	96	228403	48.347	ug/l	96
13) Acrolein	3.58	56	167668	227.458	ug/l	98
14) Allyl chloride	4.29	41	423604	45.250	ug/l	91
15) Acrylonitrile	4.95	53	722478	246.537	ug/l	99
16) Acetone	3.78	43	814852	254.996	ug/l	100
17) Carbon Disulfide	4.02	76	709060	47.210	ug/l	99
18) Methyl Acetate	4.29	43	363688	44.925	ug/l	100
19) Methyl tert-butyl Ether	5.01	73	808039	50.218	ug/l	99
20) Methylene Chloride	4.52	84	269879	48.243	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	253624	50.007	ug/l	99
22) Diisopropyl ether	5.92	45	929072	52.104	ug/l	100
23) Vinyl Acetate	5.86	43	3851994	271.230	ug/l	99
24) 1,1-Dichloroethane	5.82	63	500994	49.144	ug/l	99
25) 2-Butanone	6.80	43	1058294	248.717	ug/l	99
26) 2,2-Dichloropropane	6.79	77	434513	49.106	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	291446	51.034	ug/l	99
28) Bromochloromethane	7.17	49	152784	48.560	ug/l	99
29) Tetrahydrofuran	7.18	42	656040	244.303	ug/l	100
30) Chloroform	7.34	83	482435	49.489	ug/l	99
31) Cyclohexane	7.63	56	463324	47.649	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	414018	50.198	ug/l	99
36) 1,1-Dichloropropene	7.77	75	379258	51.215	ug/l	99
37) Ethyl Acetate	6.90	43	407586	49.537	ug/l	99
38) Carbon Tetrachloride	7.75	117	366415	50.771	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	442711	51.722	ug/l	99
40) Benzene	8.02	78	1116800	50.818	ug/l	99
41) Methacrylonitrile	7.18	41	576499	162.035	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	389833	51.076	ug/l	99
43) Isopropyl Acetate	8.14	43	648167	50.374	ug/l	99
44) Trichloroethene	8.82	130	273105	50.508	ug/l	99
45) 1,2-Dichloropropane	9.10	63	306998	51.653	ug/l	99
46) Dibromomethane	9.19	93	187290	50.986	ug/l	99
47) Bromodichloromethane	9.39	83	384957	51.747	ug/l	100
48) Methyl methacrylate	9.18	41	294717	50.234	ug/l	99
49) 1,4-Dioxane	9.18	88	107559	1123.896	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1991970	266.495	ug/l	99
52) Toluene	10.14	92	680997	52.885	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	447349	52.004	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	484326	53.378	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	267124	50.924	ug/l	99
56) Ethyl methacrylate	10.42	69	431741	48.572	ug/l	100
57) 1,3-Dichloropropane	10.70	76	471037	51.634	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	882418	255.356	ug/l	100
59) 2-Hexanone	10.74	43	1535737	270.447	ug/l	99
60) Dibromochloromethane	10.90	129	291948	51.644	ug/l	99
61) 1,2-Dibromoethane	11.00	107	274605	51.675	ug/l	100
64) Tetrachloroethene	10.62	164	246634	51.517	ug/l	99
65) Chlorobenzene	11.43	112	723591	51.442	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	264869	51.181	ug/l	99
67) Ethyl Benzene	11.51	91	1323876	54.369	ug/l	100
68) m/p-Xylenes	11.62	106	986018	108.443	ug/l	100
69) o-Xylene	11.95	106	465813	53.650	ug/l	100
70) Styrene	11.96	104	790179	56.160	ug/l	99
71) Bromoform	12.13	173	211498	52.800	ug/l #	99
73) Isopropylbenzene	12.25	105	1273991	51.455	ug/l	100
74) N-amyl acetate	12.07	43	554375	50.334	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	410537	46.547	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	551412	69.236	ug/l #	100
77) Bromobenzene	12.53	156	307871	49.730	ug/l	98
78) n-propylbenzene	12.59	91	1510751	52.683	ug/l	100
79) 2-Chlorotoluene	12.68	91	883501	49.618	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1089169	51.760	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	150736	48.519	ug/l	99
82) 4-Chlorotoluene	12.77	91	925989	50.956	ug/l	99
83) tert-Butylbenzene	12.99	119	910103	50.913	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	1082324	52.934	ug/l	99
85) sec-Butylbenzene	13.17	105	1237879	52.838	ug/l	100
86) p-Isopropyltoluene	13.29	119	1133313	53.657	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	551540	50.142	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	549912	50.541	ug/l	100
89) n-Butylbenzene	13.62	91	1022179	55.540	ug/l	99
90) Hexachloroethane	13.88	117	204442	48.693	ug/l	99
91) 1,2-Dichlorobenzene	13.66	146	536070	48.979	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	81864	42.971	ug/l	98

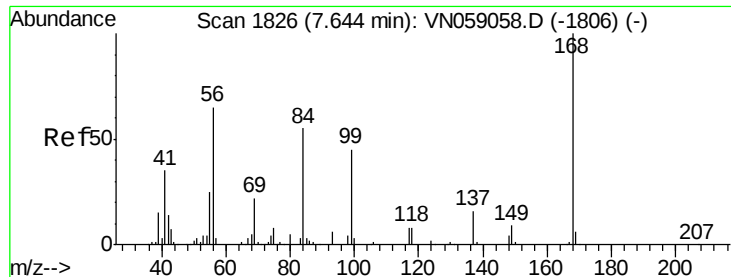
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN110419\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	313605	53.124	ug/l	99
94) Hexachlorobutadiene	15.01	225	174470	49.244	ug/l	99
95) Naphthalene	15.13	128	856058	46.732	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	307790	51.230	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

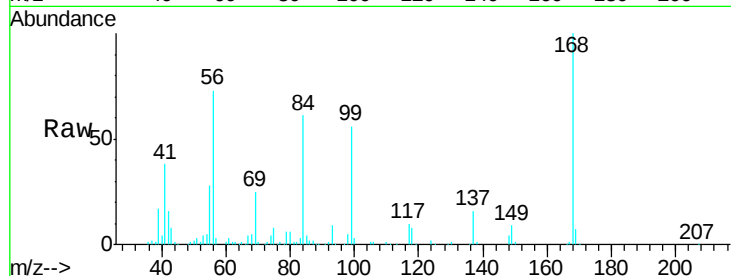
VSTDCCC050EC

Tgt Ion:168 Resp: 476604

Ion Ratio Lower Upper

168 100

99 56.3 44.1 66.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

200000

150000

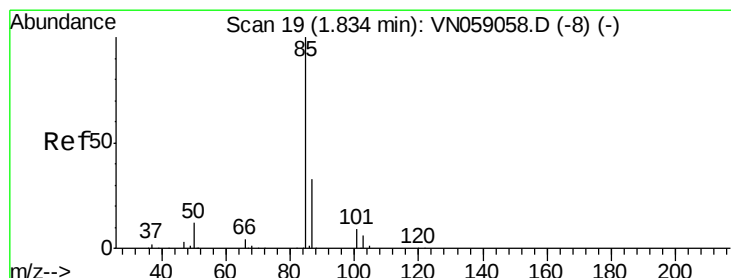
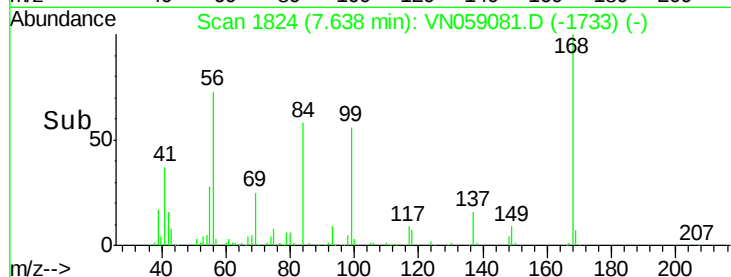
100000

50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.416 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059081.D

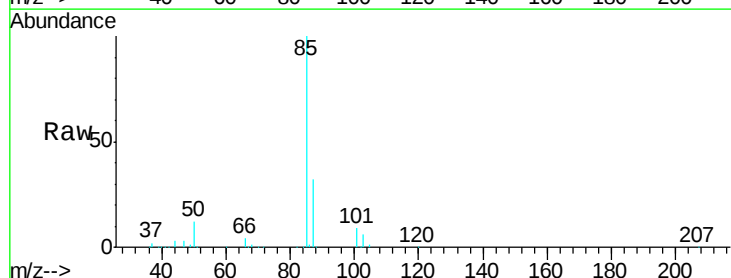
Acq: 4 Nov 2019 14:57

Tgt Ion: 85 Resp: 249489

Ion Ratio Lower Upper

85 100

87 32.4 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

200000

150000

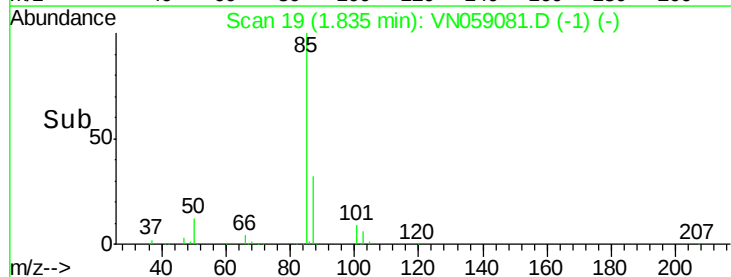
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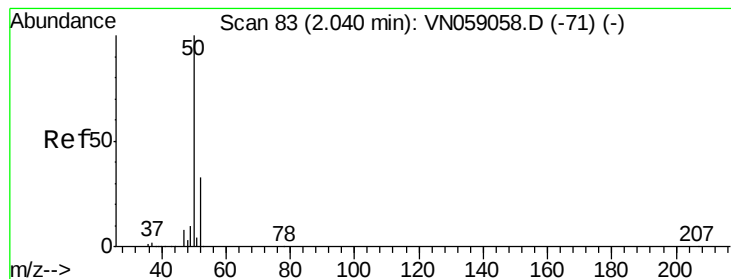
50000

0

1.80 1.90

Time-->





#3

Chloromethane

Concen: 47.158 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

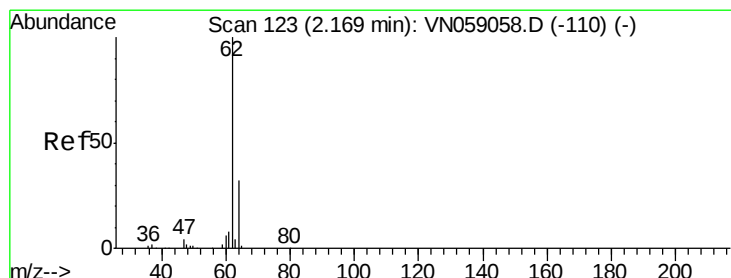
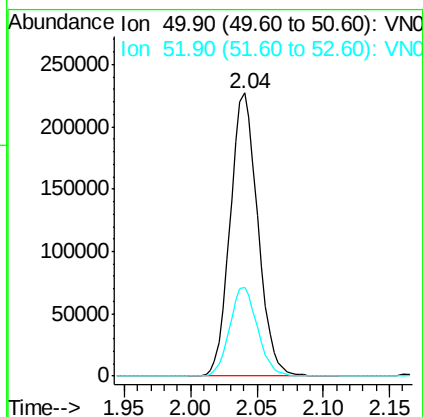
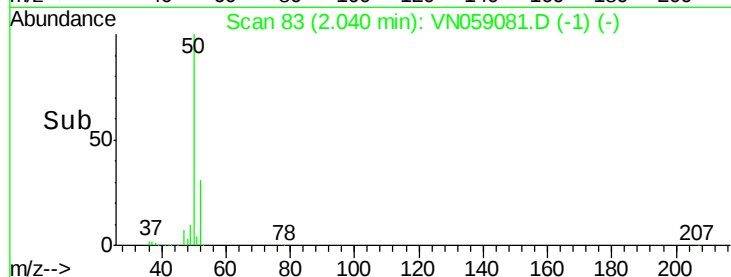
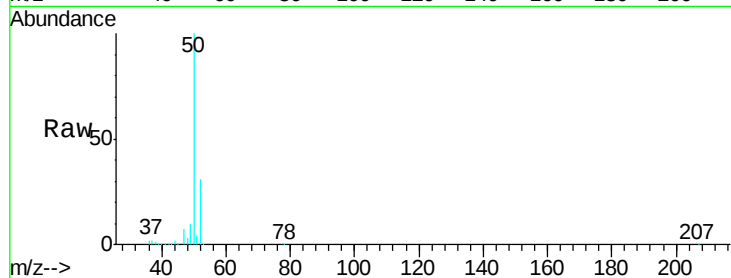
VSTDCCC050EC

Tgt Ion: 50 Resp: 329502

Ion Ratio Lower Upper

50 100

52 31.3 26.3 39.5



#4

Vinyl Chloride

Concen: 48.913 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059081.D

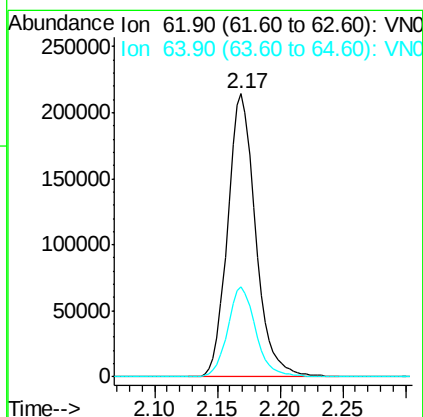
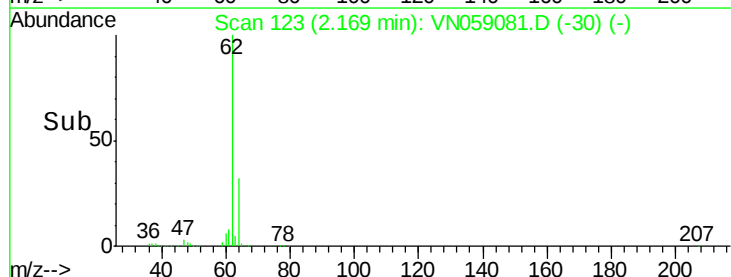
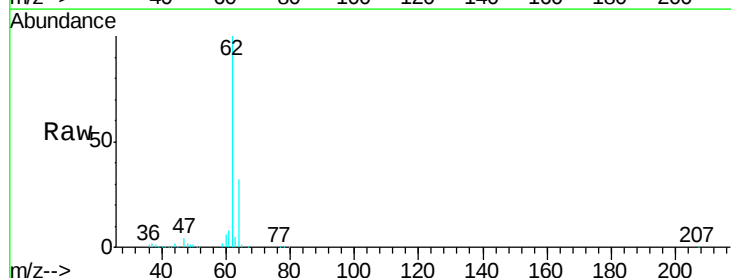
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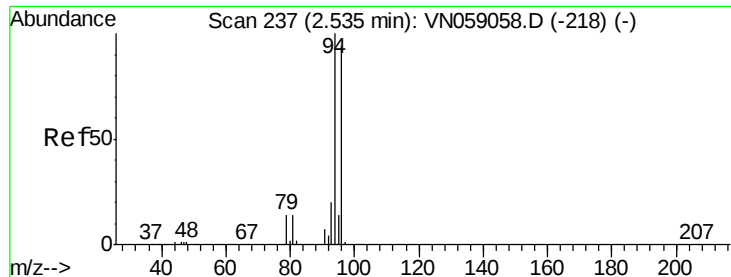
Tgt Ion: 62 Resp: 331744

Ion Ratio Lower Upper

62 100

64 32.0 25.8 38.8





#5

Bromomethane

Concen: 47.927 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

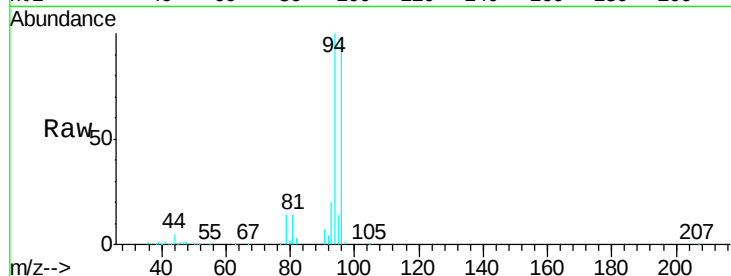
VSTDCCC050EC

Tgt Ion: 94 Resp: 192176

Ion Ratio Lower Upper

94 100

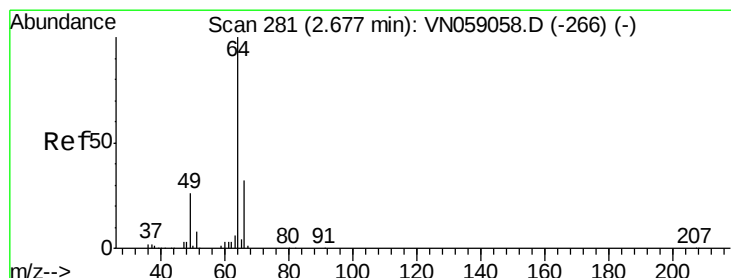
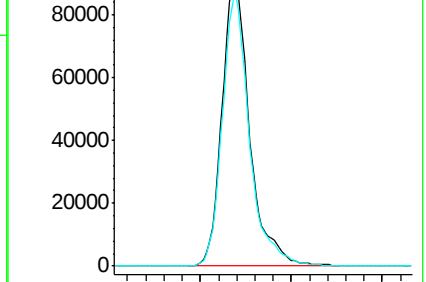
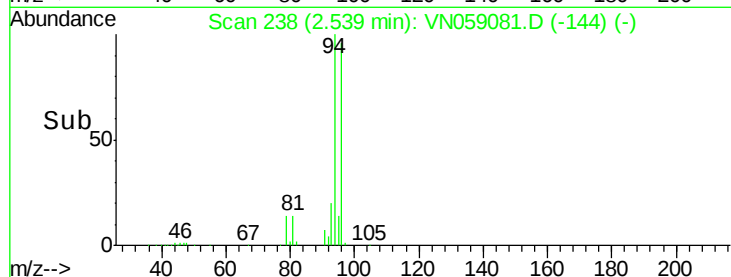
96 95.6 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN059081.D (-144) (-)

Ion 95.90 (95.60 to 96.60): VN059081.D (-144) (-)

2.54



#6

Chloroethane

Concen: 47.693 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.00 min

Lab File: VN059081.D

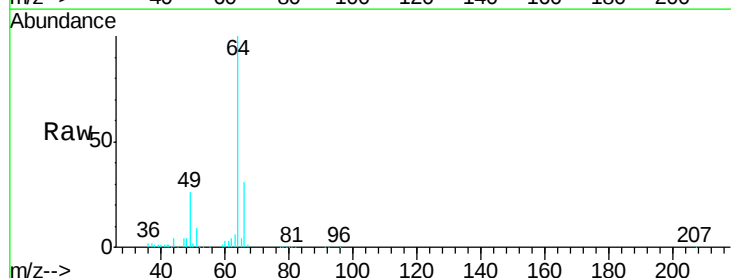
Acq: 4 Nov 2019 14:57

Tgt Ion: 64 Resp: 198104

Ion Ratio Lower Upper

64 100

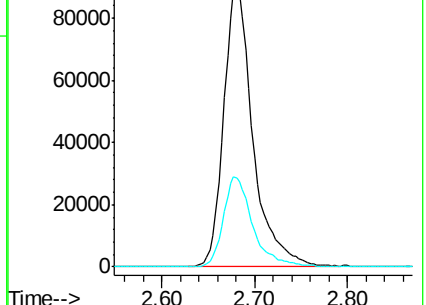
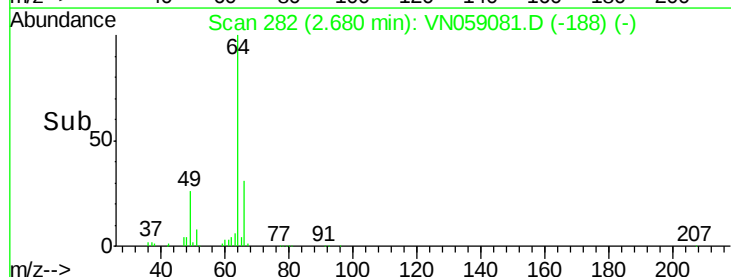
66 31.3 25.6 38.4

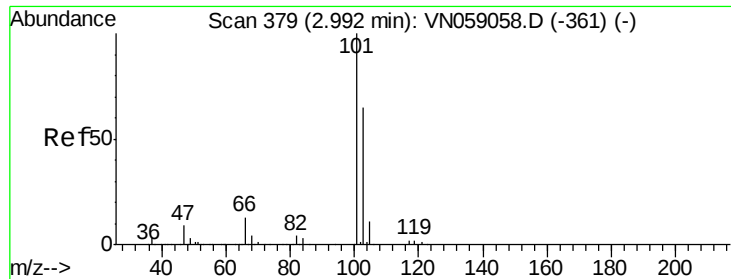


Abundance Ion 63.90 (63.60 to 64.60): VN059081.D (-188) (-)

Ion 65.90 (65.60 to 66.60): VN059081.D (-188) (-)

2.68



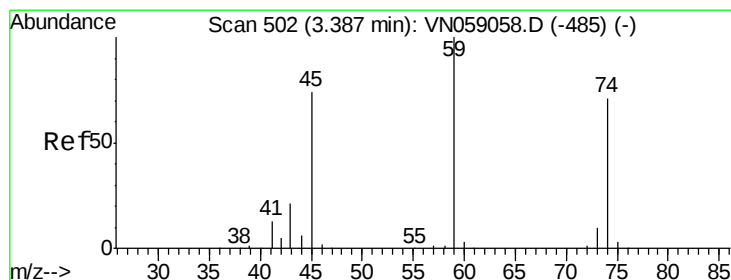
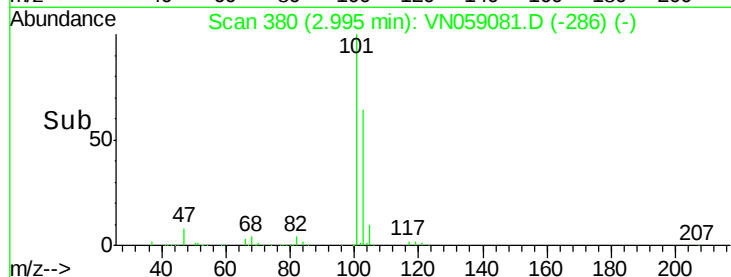
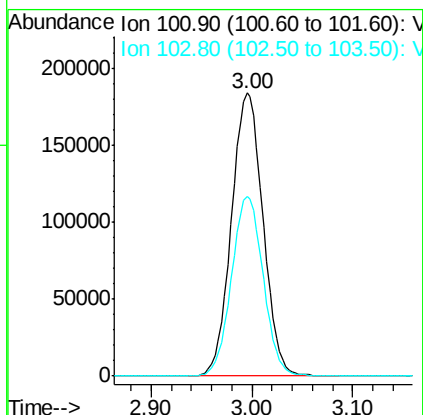
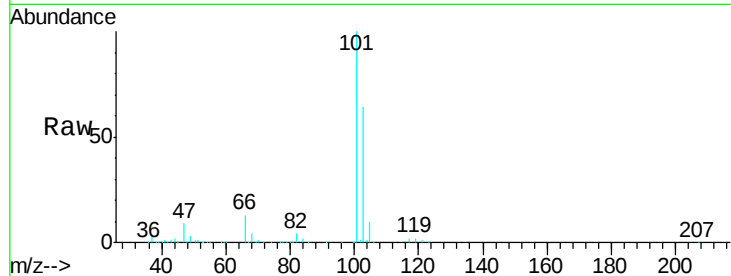


#7

Trichlorofluoromethane
 Concen: 49.534 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Instrument :
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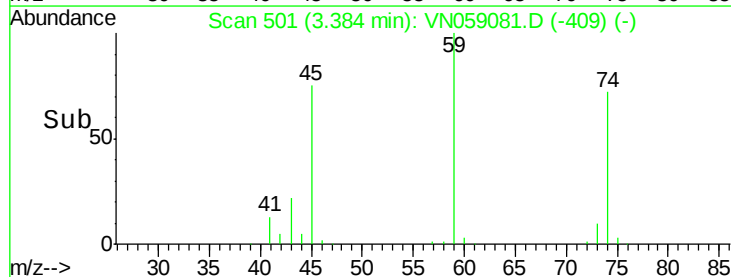
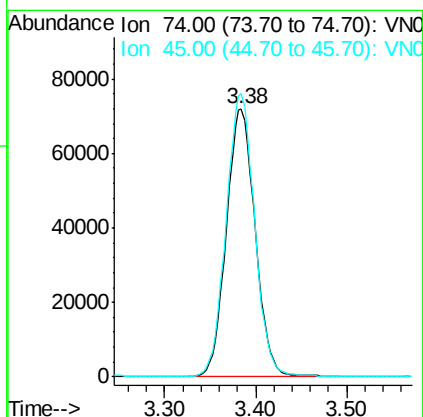
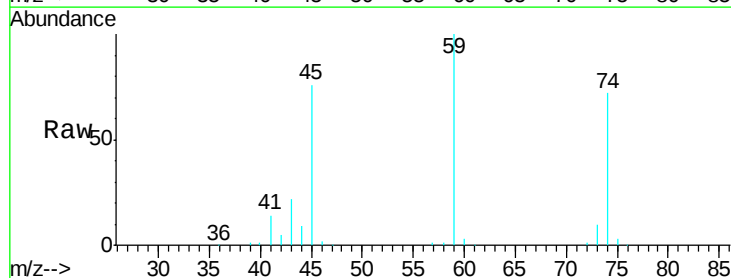
Tgt Ion:101 Resp: 399209
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.7 77.5

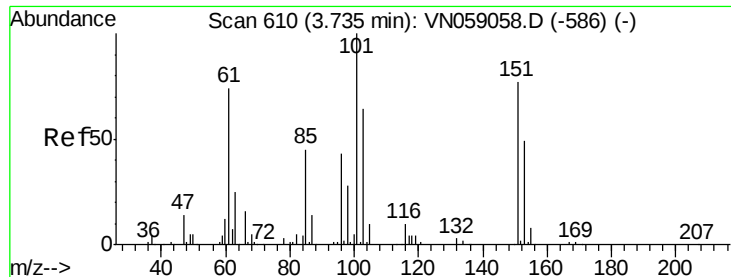


#8

Diethyl Ether
 Concen: 50.359 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Tgt Ion: 74 Resp: 158497
 Ion Ratio Lower Upper
 74 100
 45 105.0 52.8 158.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.927 ug/l

RT: 3.73 min Scan# 609

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

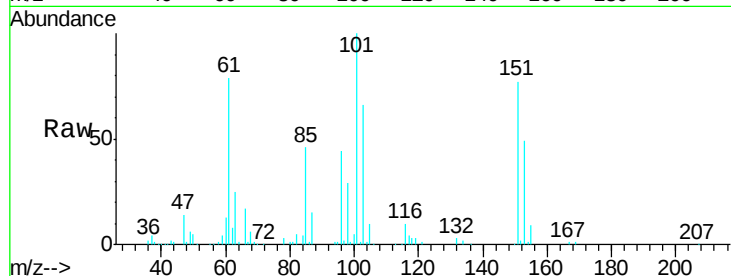
Tgt Ion:101 Resp: 232418

Ion Ratio Lower Upper

101 100

85 45.0 35.0 52.6

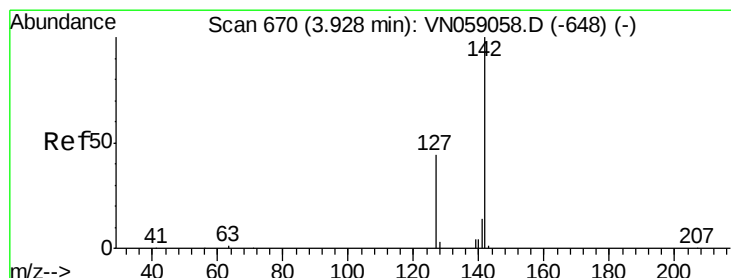
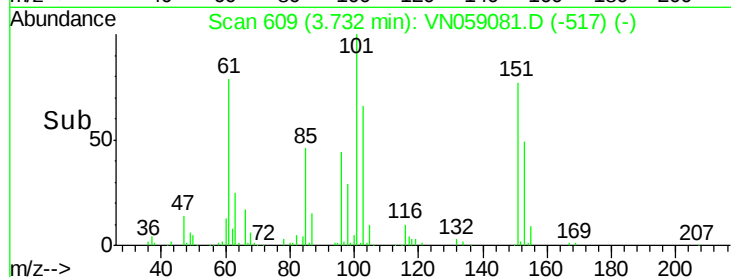
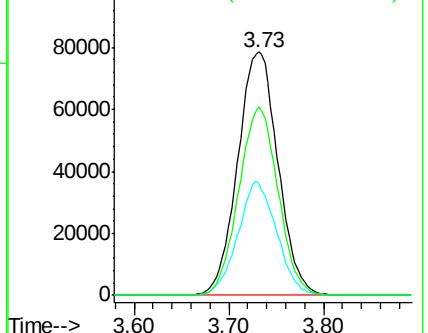
151 75.6 61.3 91.9



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 51.832 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

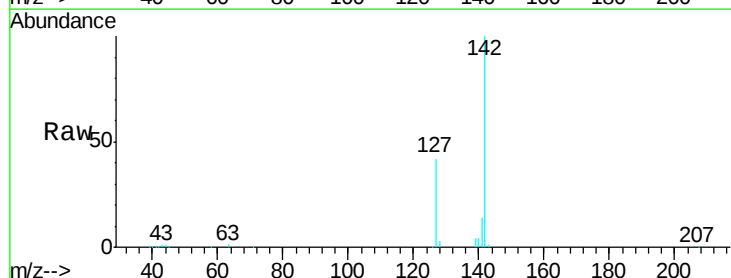
Tgt Ion:142 Resp: 299268

Ion Ratio Lower Upper

142 100

127 43.3 34.2 51.2

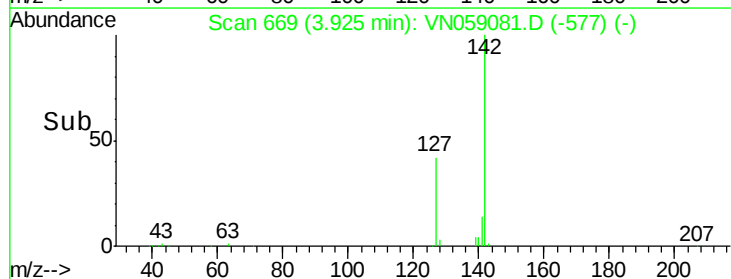
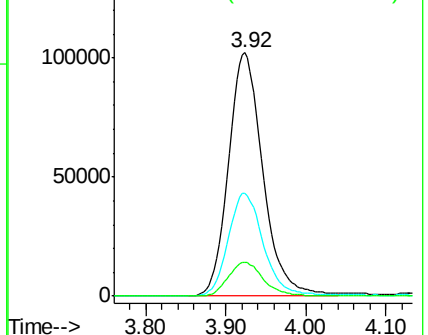
141 14.2 11.1 16.7

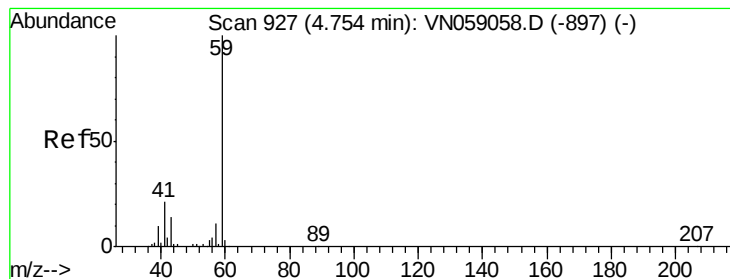


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



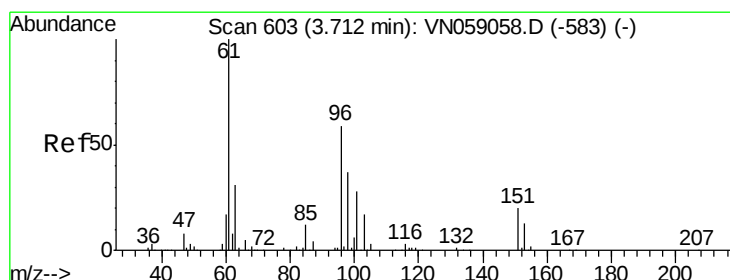
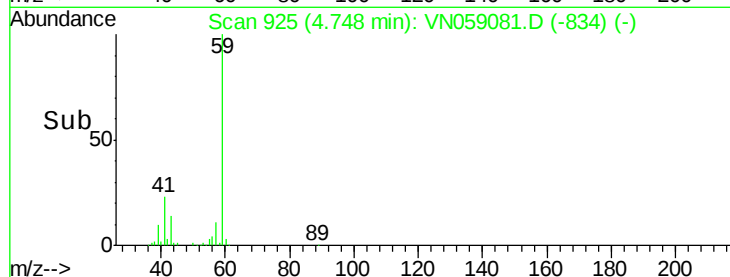
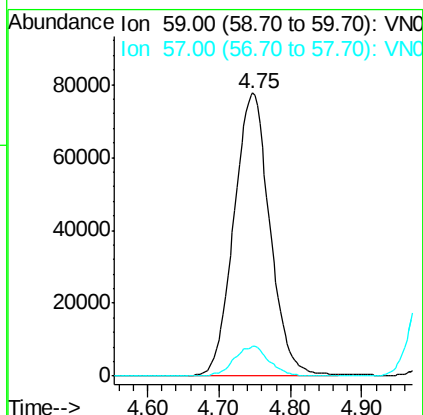
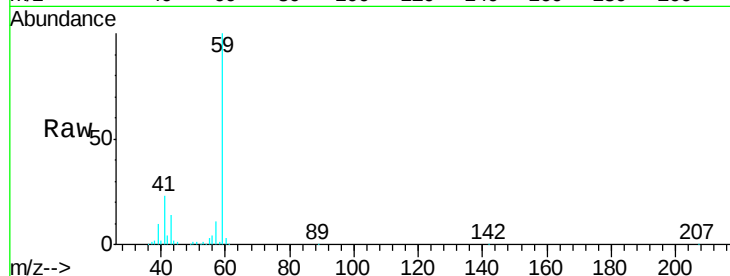


#11

Tert butyl alcohol
 Concen: 233.882 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

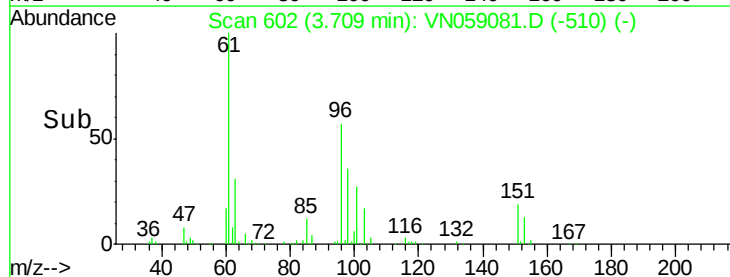
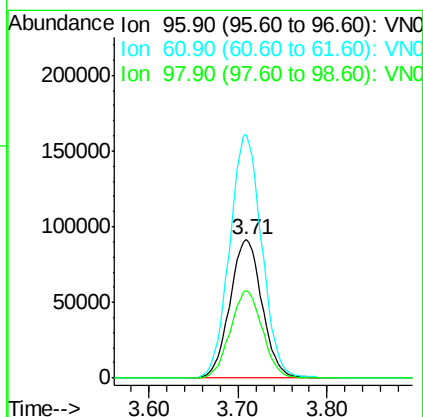
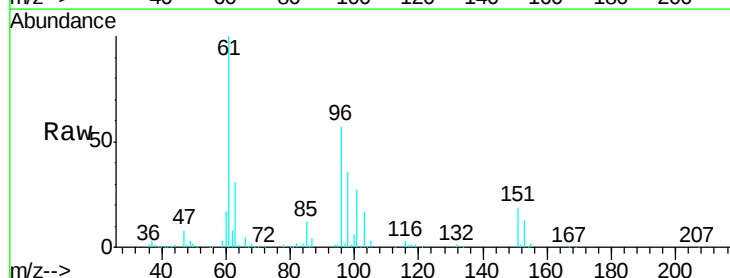
Tgt Ion: 59 Resp: 273224
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

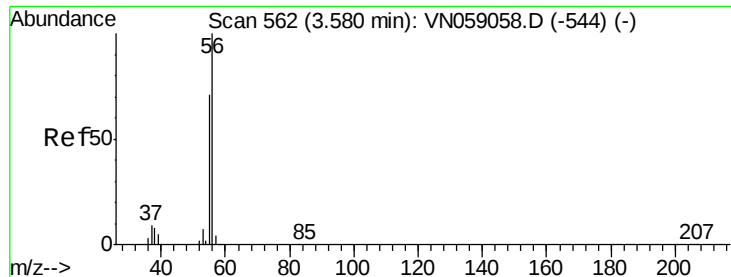


#12

1,1-Dichloroethene
 Concen: 48.347 ug/l
 RT: 3.71 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Tgt Ion: 96 Resp: 228403
 Ion Ratio Lower Upper
 96 100
 61 175.7 135.3 202.9
 98 63.3 49.4 74.2





#13

Acrolein

Concen: 227.458 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

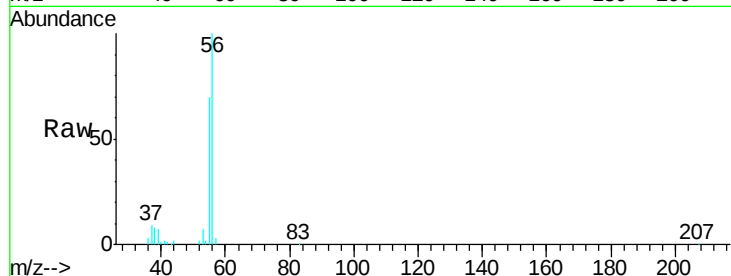
VSTDCCC050EC

Tgt Ion: 56 Resp: 167668

Ion Ratio Lower Upper

56 100

55 71.6 56.1 84.1



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

80000

60000

40000

20000

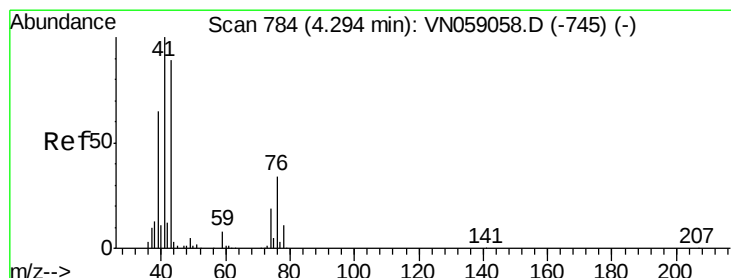
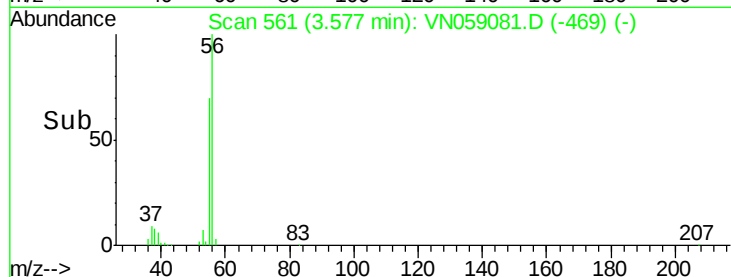
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 45.250 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

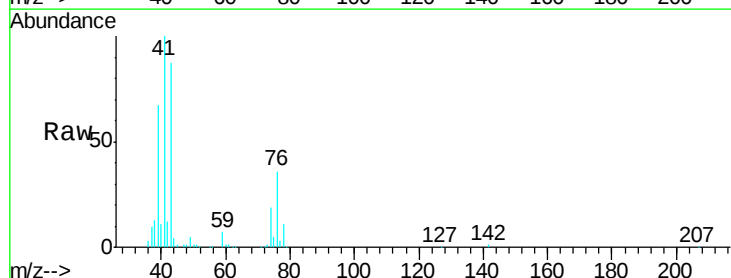
Tgt Ion: 41 Resp: 423604

Ion Ratio Lower Upper

41 100

39 69.0 49.4 74.2

76 34.6 24.6 37.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

200000

150000

100000

50000

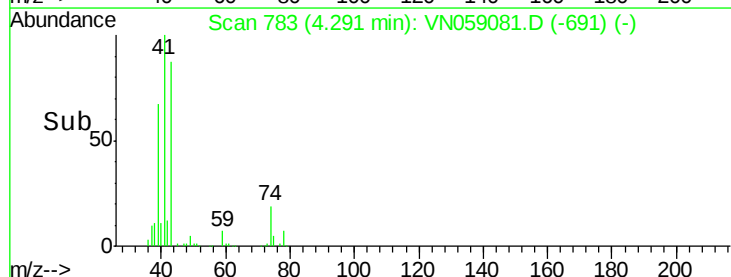
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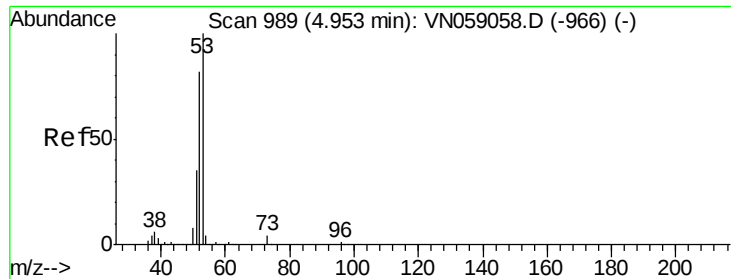
Time-->

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 246.537 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.01 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

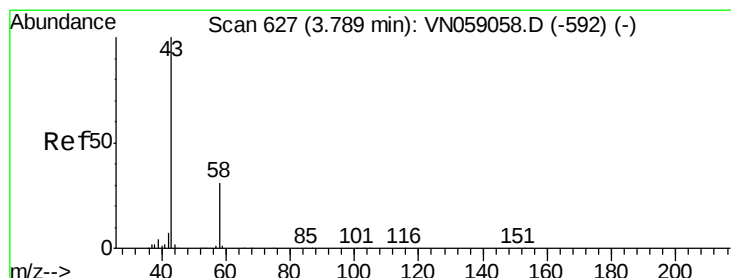
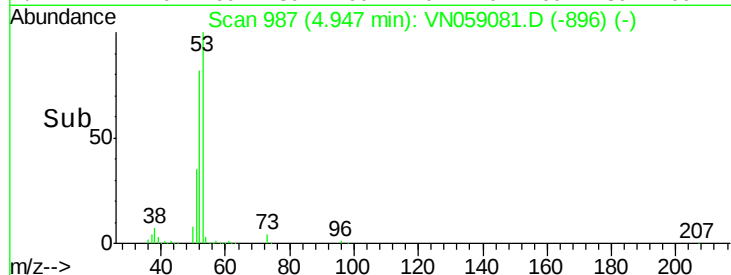
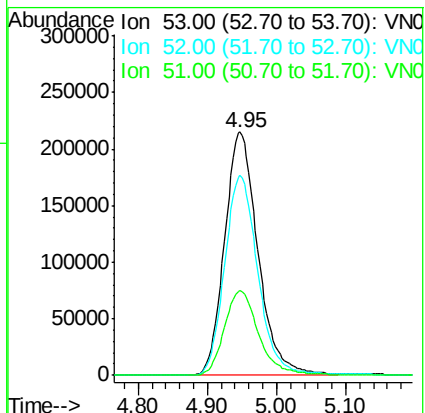
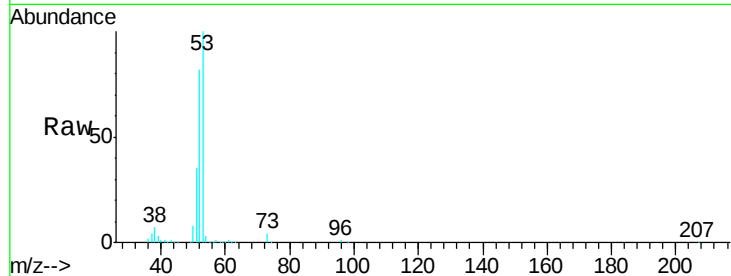
Tgt Ion: 53 Resp: 722478

Ion Ratio Lower Upper

53 100

52 81.8 66.0 99.0

51 36.0 28.3 42.5



#16

Acetone

Concen: 254.996 ug/l

RT: 3.78 min Scan# 625

Delta R.T. -0.01 min

Lab File: VN059081.D

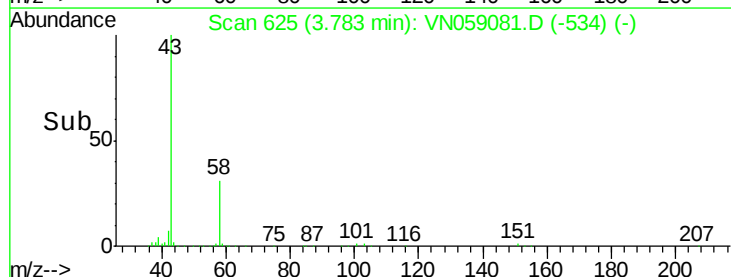
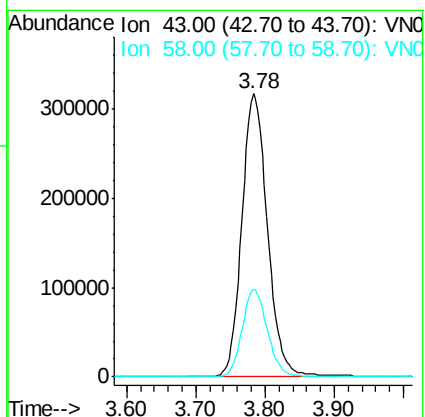
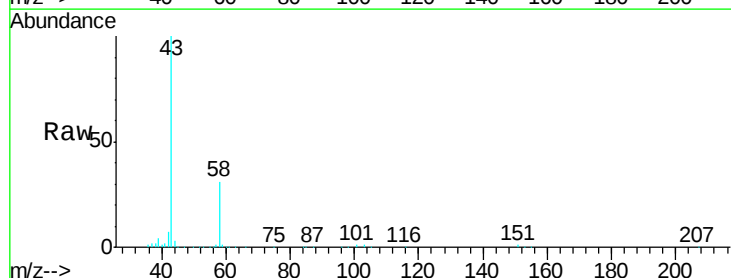
Acq: 4 Nov 2019 14:57

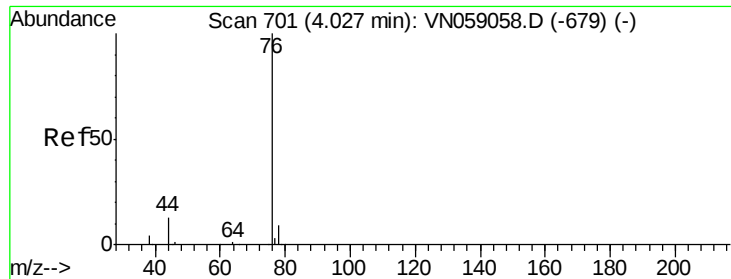
Tgt Ion: 43 Resp: 814852

Ion Ratio Lower Upper

43 100

58 31.1 25.0 37.6

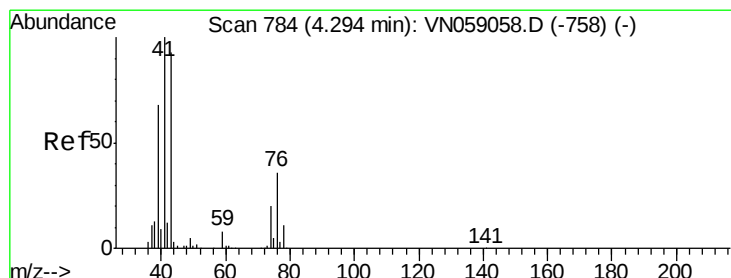
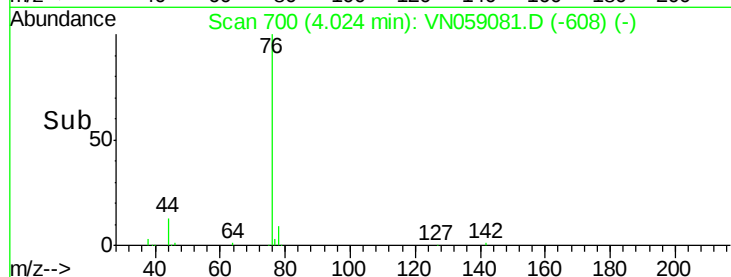
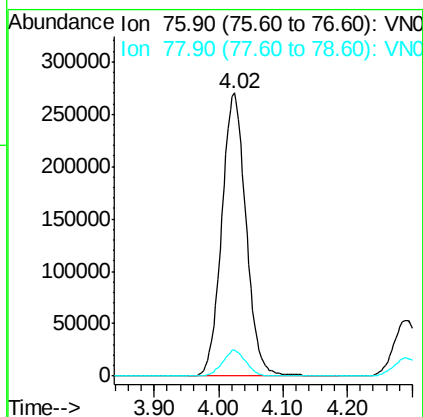
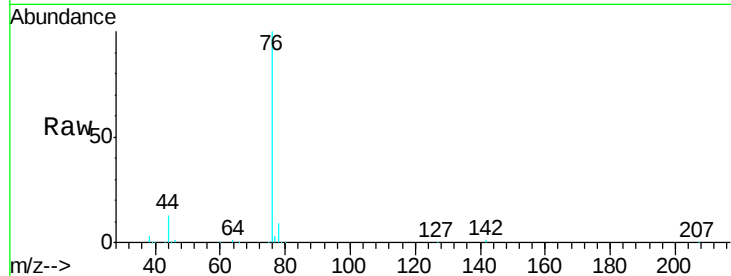




#17
Carbon Disulfide
Concen: 47.210 ug/l
RT: 4.02 min Scan# 700
Delta R.T. -0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

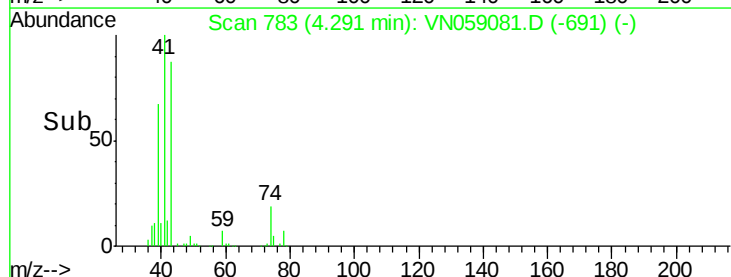
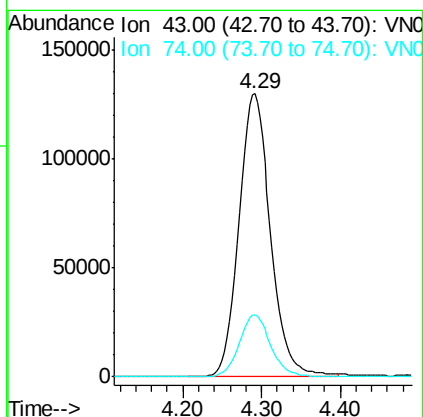
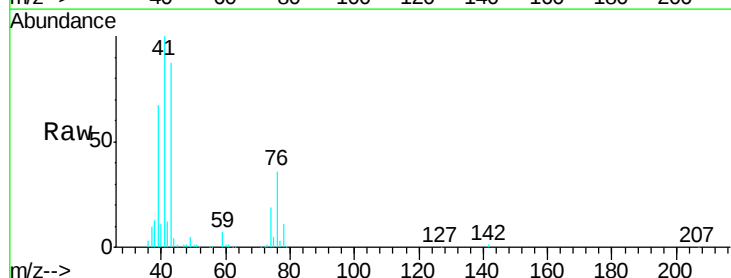
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

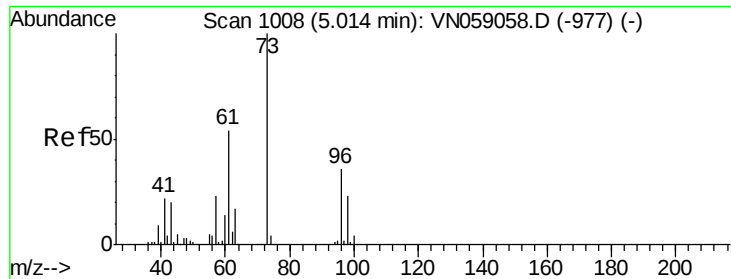
Tgt Ion: 76 Resp: 709060
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



#18
Methyl Acetate
Concen: 44.925 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

Tgt Ion: 43 Resp: 363688
Ion Ratio Lower Upper
43 100
74 22.0 17.5 26.3

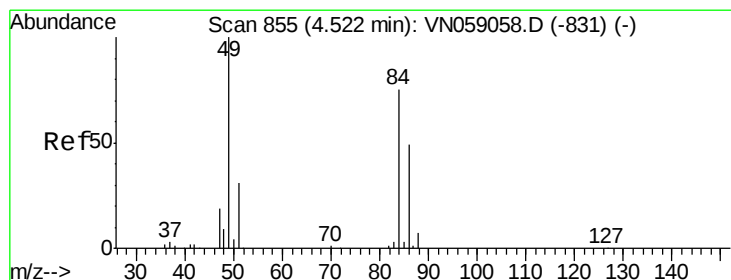
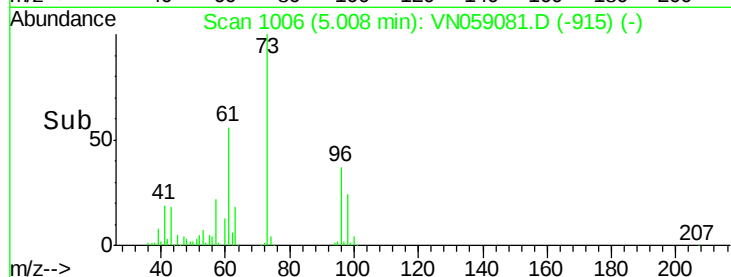
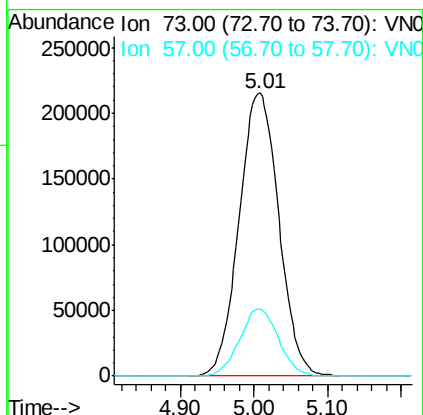
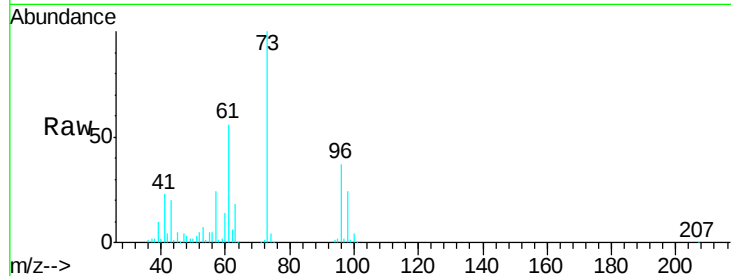




#19
Methyl tert-butyl Ether
Concen: 50.218 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.01 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

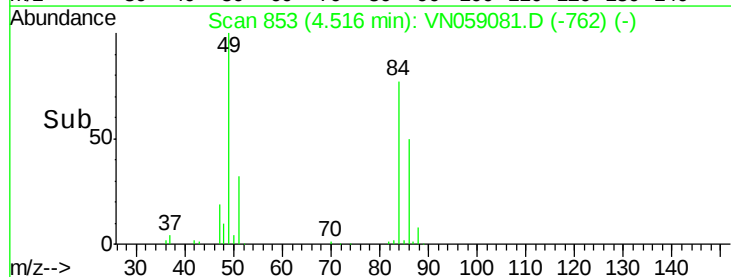
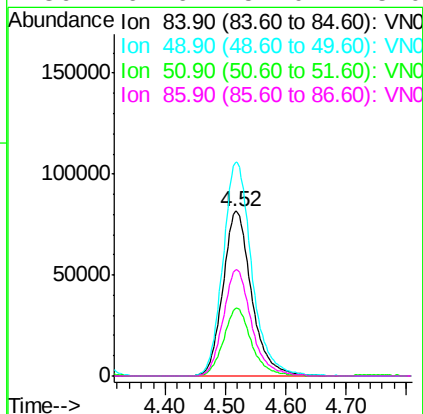
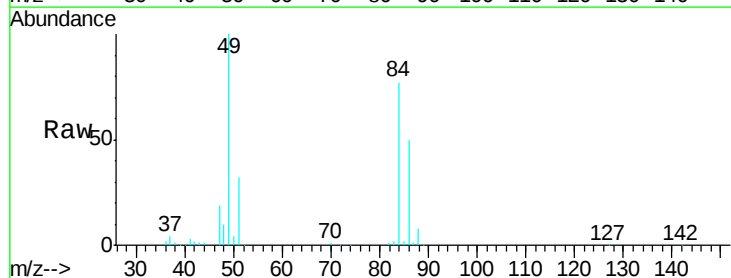
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

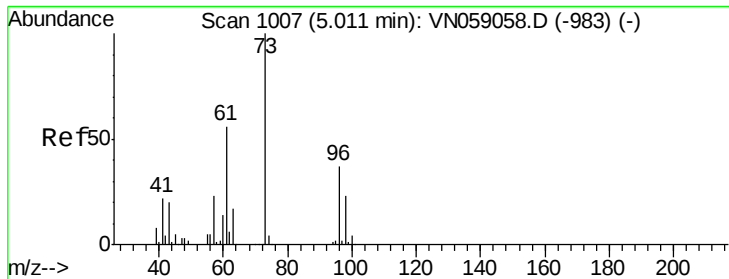
Tgt Ion: 73 Resp: 808039
Ion Ratio Lower Upper
73 100
57 23.6 18.4 27.6



#20
Methylene Chloride
Concen: 48.243 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

Tgt Ion: 84 Resp: 269879
Ion Ratio Lower Upper
84 100
49 129.7 106.4 159.6
51 41.0 33.0 49.4
86 64.6 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 50.007 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

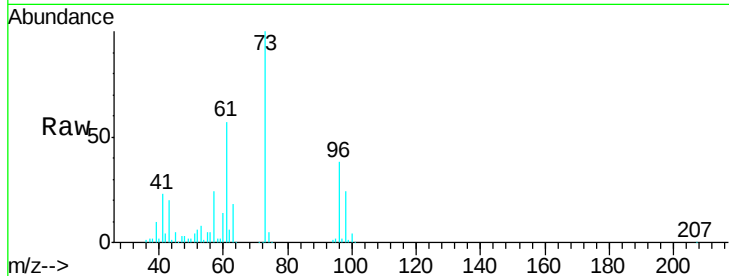
Tgt Ion: 96 Resp: 253624

Ion Ratio Lower Upper

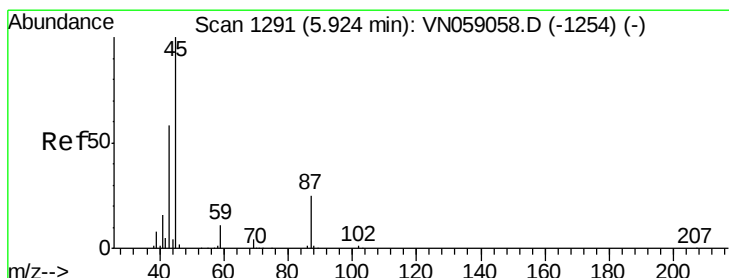
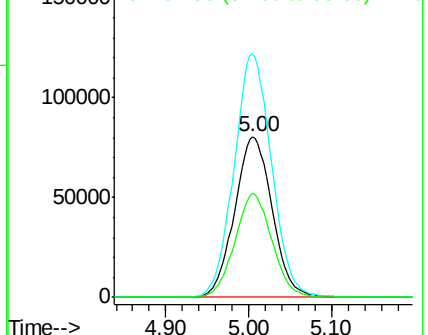
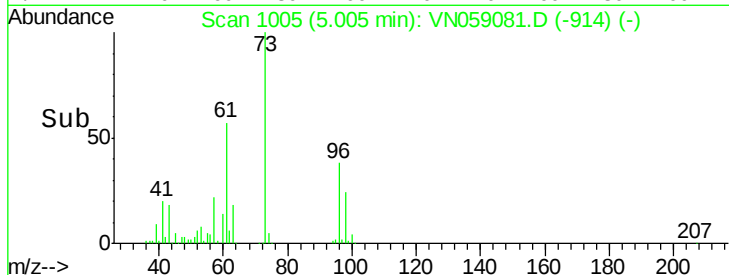
96 100

61 151.0 121.7 182.5

98 64.7 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN059081.D (-914) (-)



#22

Diisopropyl ether

Concen: 52.104 ug/l

RT: 5.92 min Scan# 1289

Delta R.T. -0.01 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Tgt Ion: 45 Resp: 929072

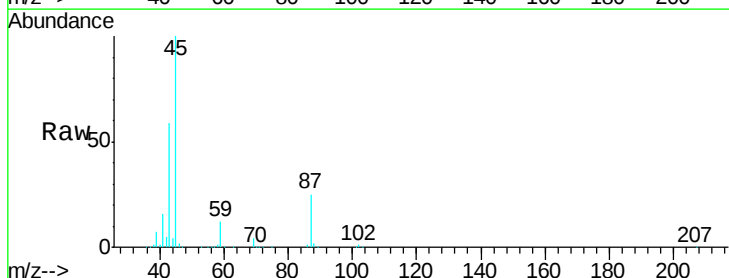
Ion Ratio Lower Upper

45 100

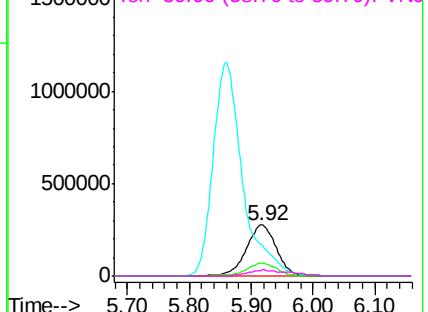
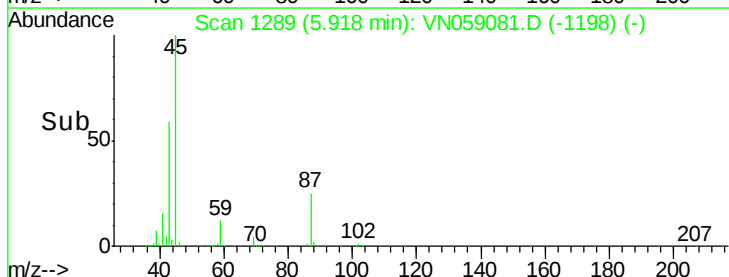
43 58.5 46.9 70.3

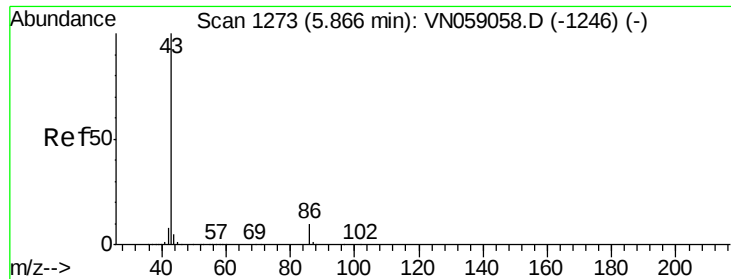
87 25.3 20.1 30.1

59 11.5 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN059081.D (-1198) (-)





#23

Vinyl Acetate

Concen: 271.230 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.01 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

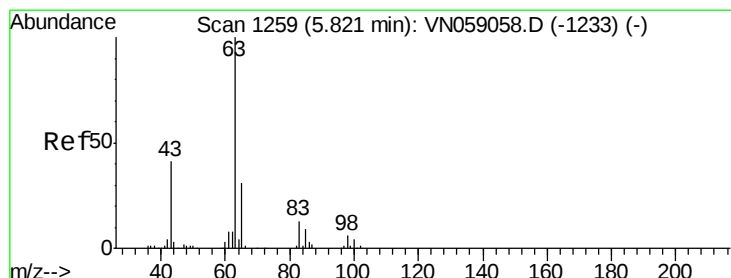
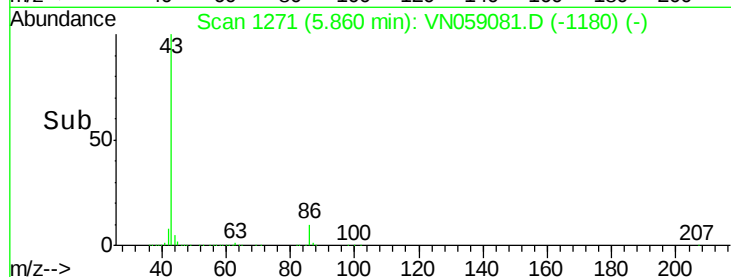
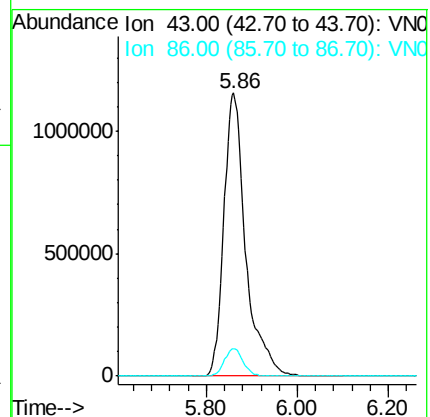
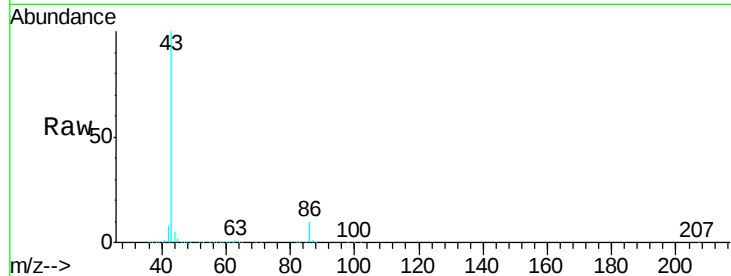
VSTDCCC050EC

Tgt Ion: 43 Resp: 3851994

Ion Ratio Lower Upper

43 100

86 9.7 7.6 11.4



#24

1,1-Dichloroethane

Concen: 49.144 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.01 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

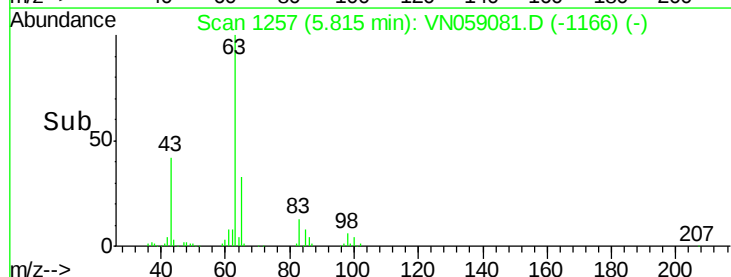
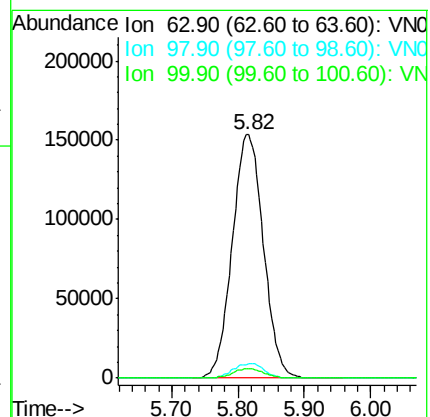
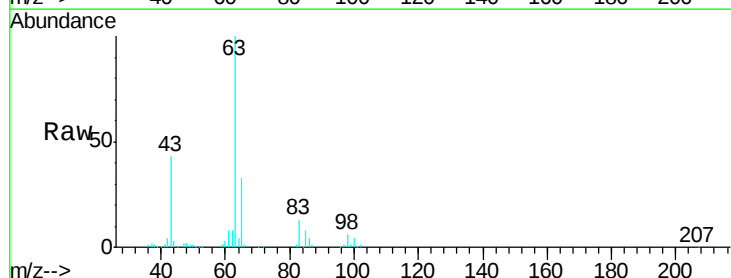
Tgt Ion: 63 Resp: 500994

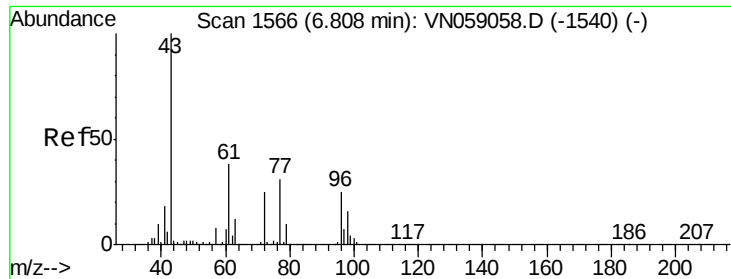
Ion Ratio Lower Upper

63 100

98 5.8 3.2 9.6

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 248.717 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

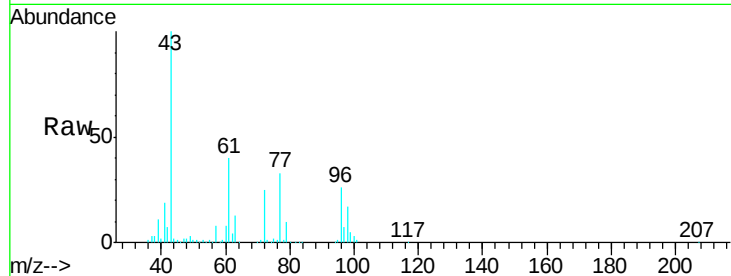
VSTDCCC050EC

Tgt Ion: 43 Resp: 1058294

Ion Ratio Lower Upper

43 100

72 25.4 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN059058.D (-1540) (-)

6.80

400000

300000

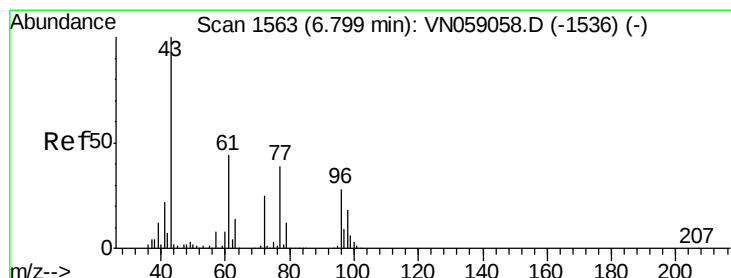
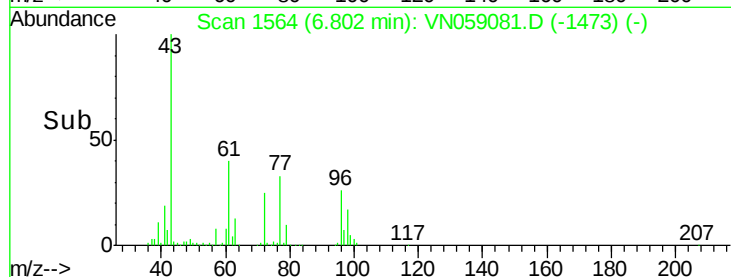
200000

100000

0

6.70 6.75 6.80 6.85 6.90

Time-->



#26

2,2-Dichloropropane

Concen: 49.106 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VN059081.D

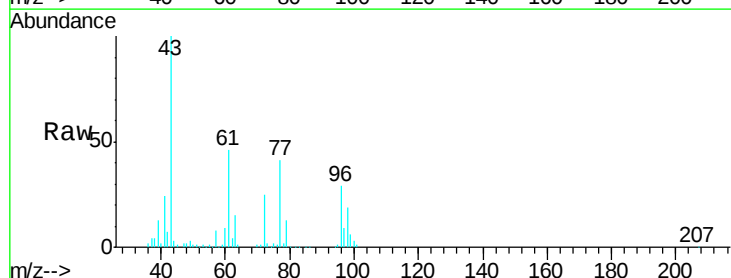
Acq: 4 Nov 2019 14:57

Tgt Ion: 77 Resp: 434513

Ion Ratio Lower Upper

77 100

97 22.2 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VN059058.D (-1536) (-)

Ion 96.90 (96.60 to 97.60): VN059058.D (-1536) (-)

6.79

150000

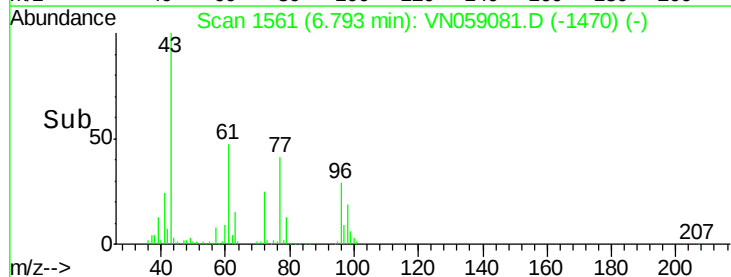
100000

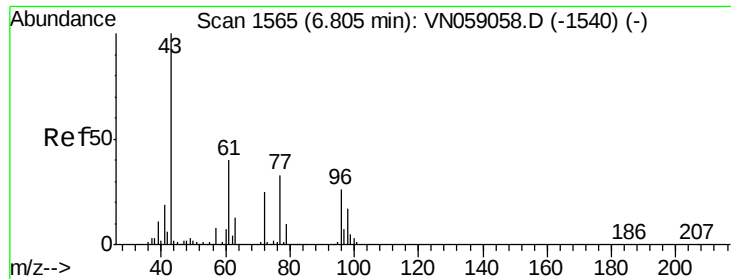
50000

0

6.70 6.75 6.80 6.85 6.90

Time-->





#27

cis-1,2-Dichloroethene

Concen: 51.034 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.01 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

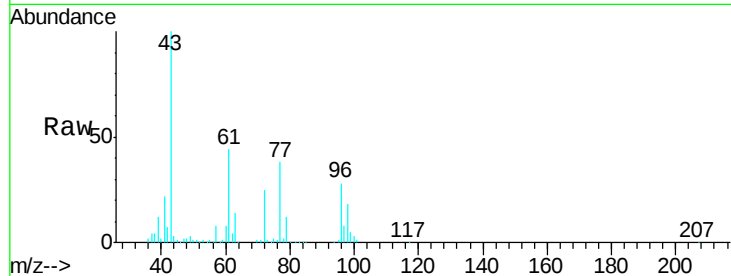
Tgt Ion: 96 Resp: 291446

Ion Ratio Lower Upper

96 100

61 157.2 0.0 316.4

98 64.4 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN059081.D (-1540) (-)

Ion 60.90 (60.60 to 61.60): VN059081.D (-1540) (-)

Ion 97.90 (97.60 to 98.60): VN059081.D (-1540) (-)

200000

150000

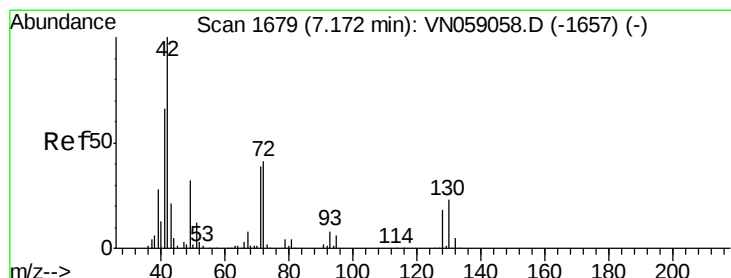
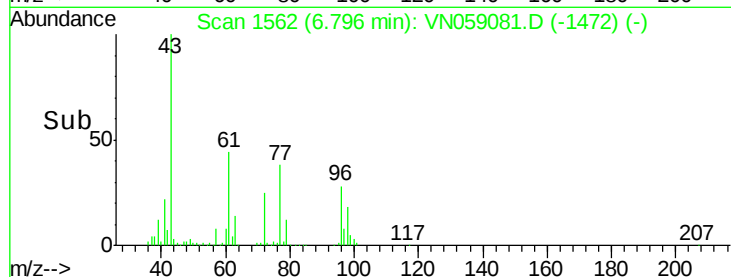
100000

50000

0

6.70 6.80 6.90

Time-->



#28

Bromochloromethane

Concen: 48.560 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.01 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

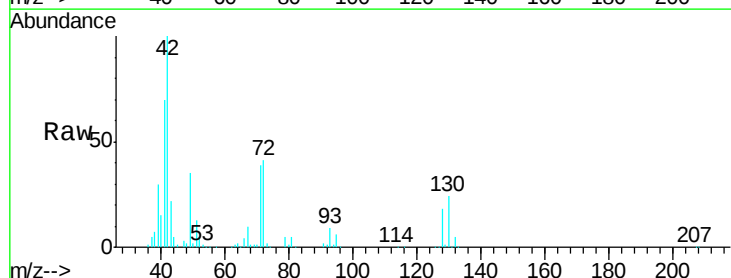
Tgt Ion: 49 Resp: 152784

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

130 68.4 55.0 82.6



Abundance Ion 48.90 (48.60 to 49.60): VN059081.D (-1586) (-)

Ion 128.80 (128.50 to 129.50): VN059081.D (-1586) (-)

Ion 129.80 (129.50 to 130.50): VN059081.D (-1586) (-)

60000

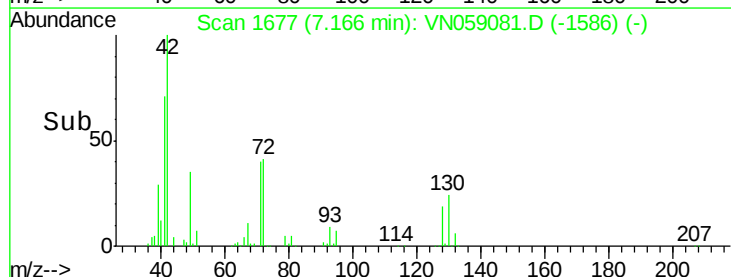
40000

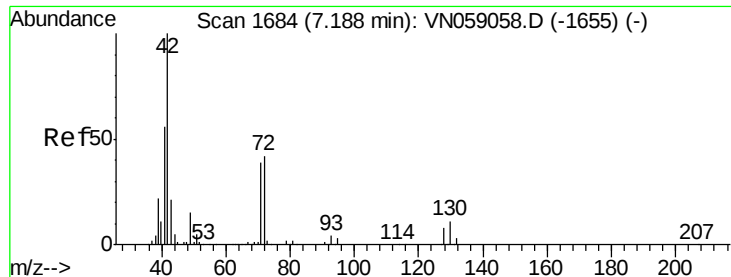
20000

0

7.10 7.17 7.20 7.30

Time-->

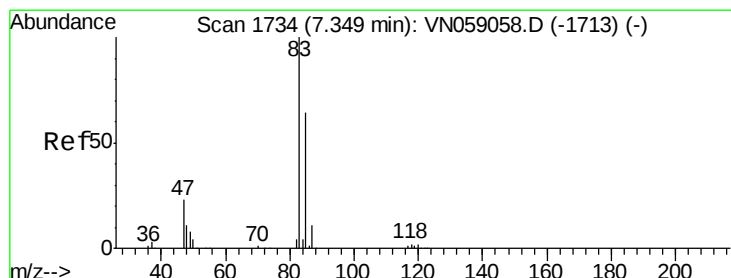
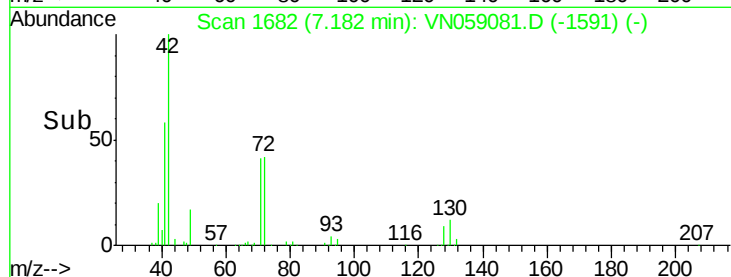
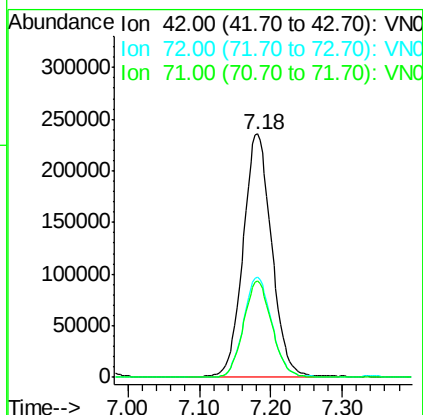
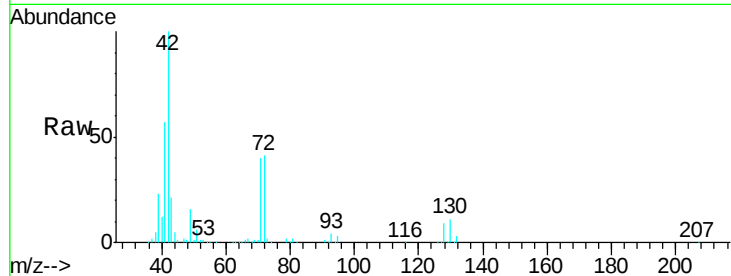




#29
Tetrahydrofuran
Concen: 244.303 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

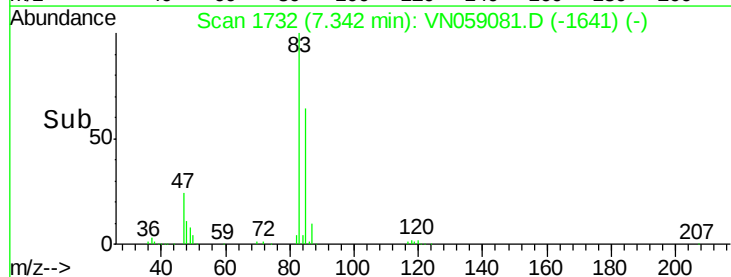
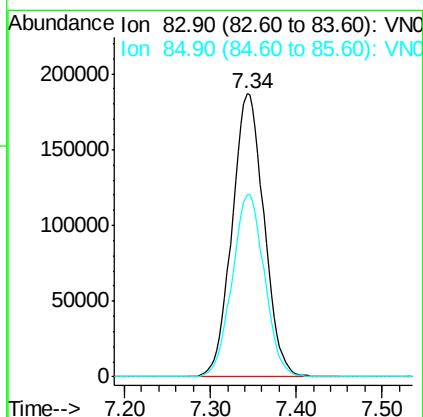
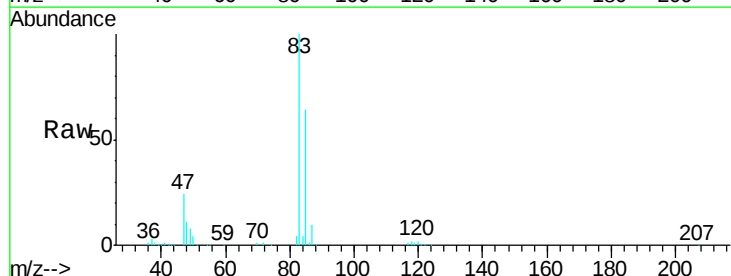
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

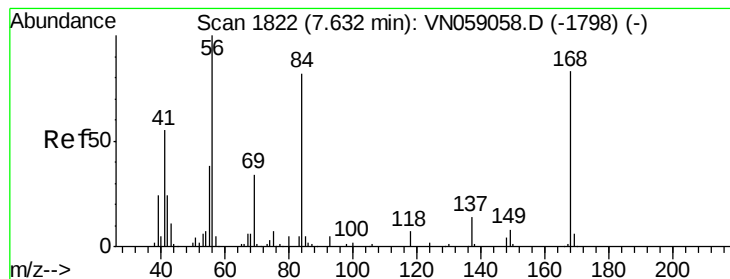
Tgt Ion: 42 Resp: 656040
Ion Ratio Lower Upper
42 100
72 41.0 32.7 49.1
71 39.3 31.2 46.8



#30
Chloroform
Concen: 49.489 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.01 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

Tgt Ion: 83 Resp: 482435
Ion Ratio Lower Upper
83 100
85 64.3 50.9 76.3





#31

Cyclohexane

Concen: 47.649 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

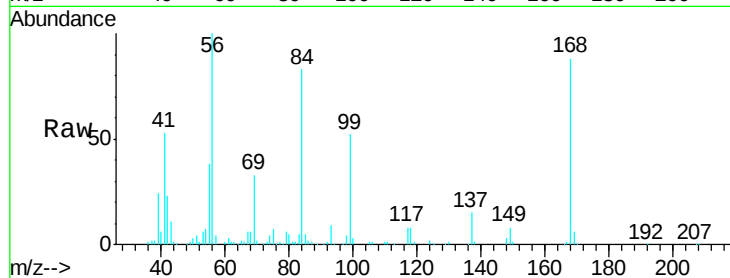
Tgt Ion: 56 Resp: 463324

Ion Ratio Lower Upper

56 100

69 33.1 27.2 40.8

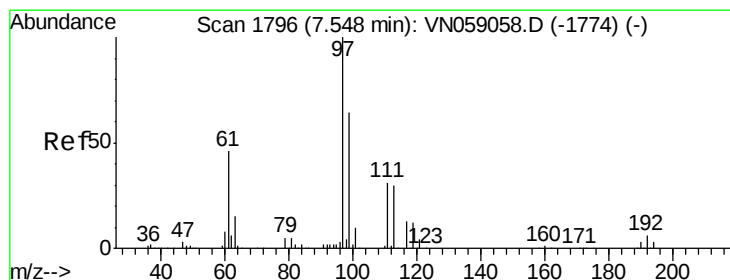
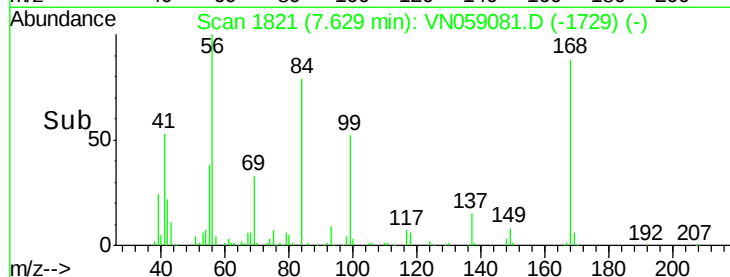
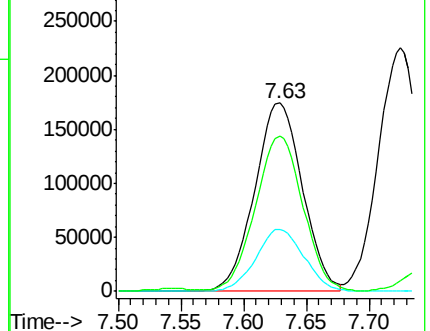
84 81.6 65.2 97.8



Abundance Ion 56.00 (55.70 to 56.70): VN059058.D (-1798) (-)

Ion 69.00 (68.70 to 69.70): VN059058.D (-1798) (-)

Ion 84.00 (83.70 to 84.70): VN059058.D (-1798) (-)



#32

1,1,1-Trichloroethane

Concen: 50.198 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

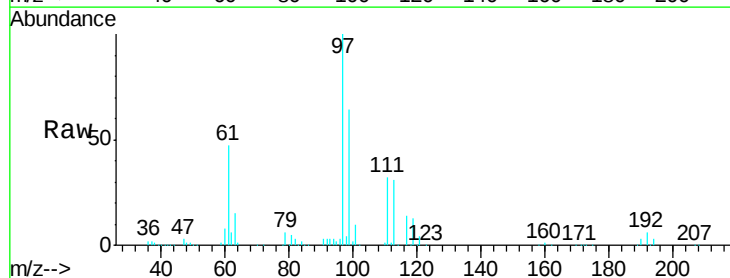
Tgt Ion: 97 Resp: 414018

Ion Ratio Lower Upper

97 100

99 64.2 50.7 76.1

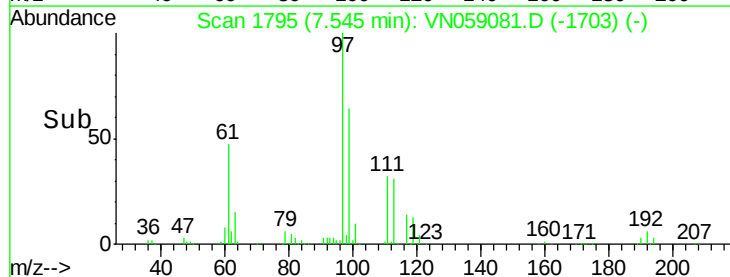
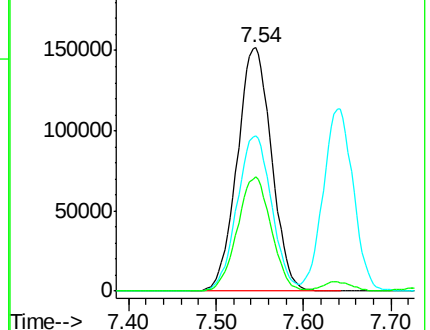
61 46.2 36.3 54.5

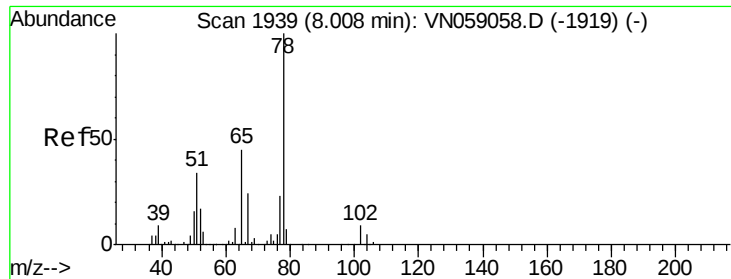


Abundance Ion 96.90 (96.60 to 97.60): VN059058.D (-1774) (-)

Ion 98.90 (98.60 to 99.60): VN059058.D (-1774) (-)

Ion 60.90 (60.60 to 61.60): VN059058.D (-1774) (-)

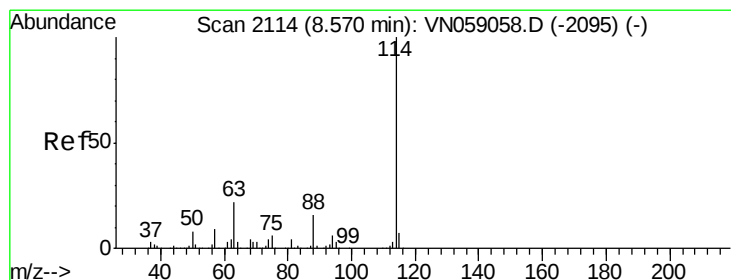
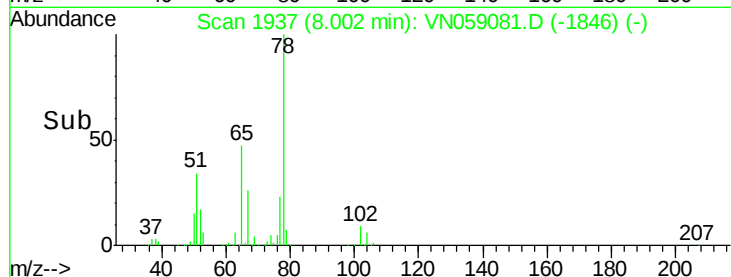
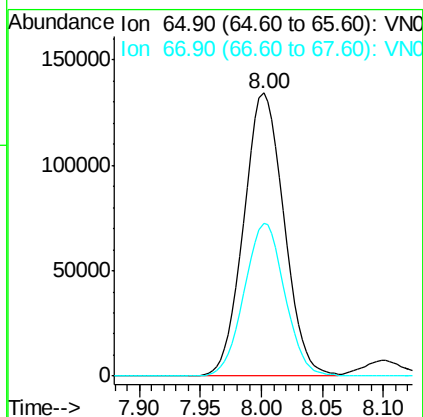
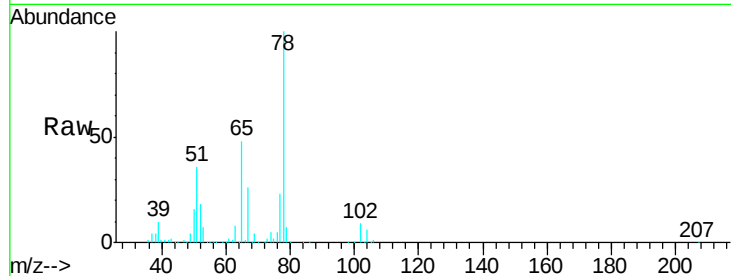




#33
 1,2-Dichloroethane-d4
 Concen: 48.690 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.01 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

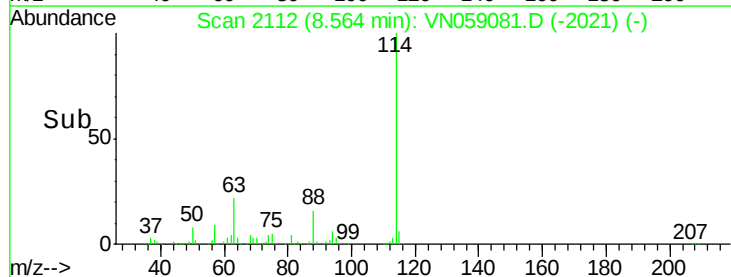
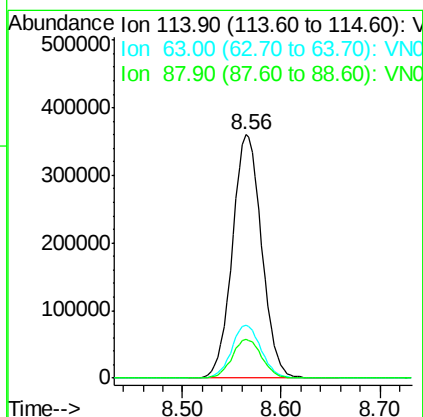
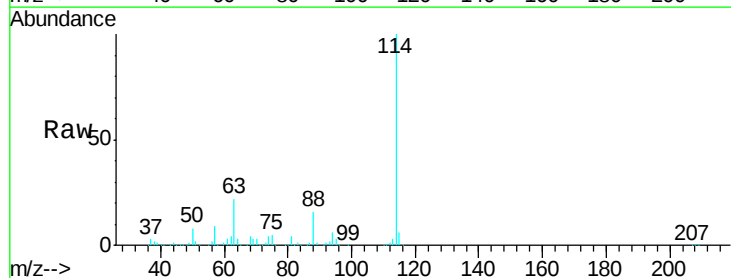
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

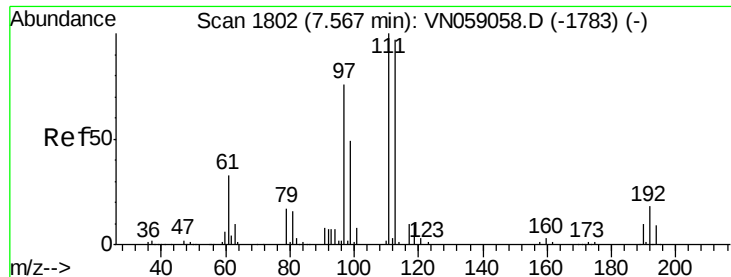
Tgt Ion: 65 Resp: 307332
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Tgt Ion: 114 Resp: 745084
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 15.8 0.0 33.0

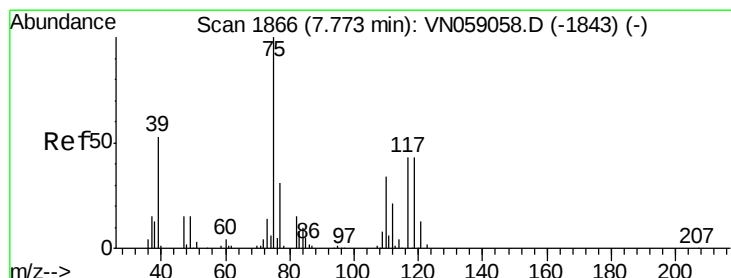
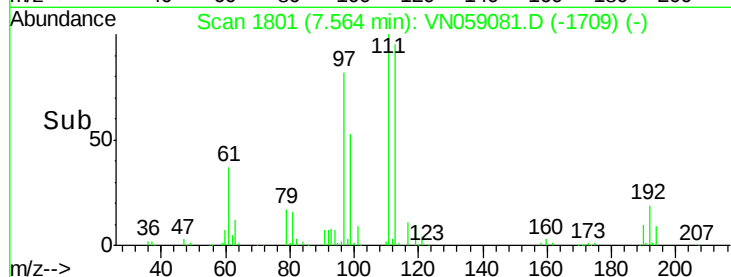
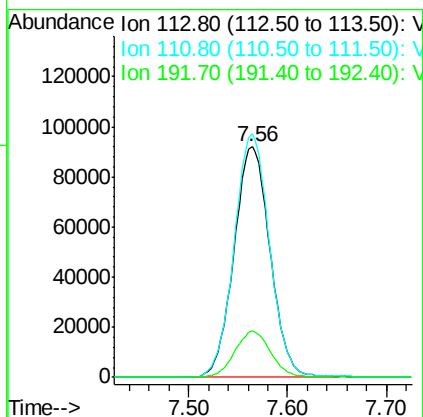
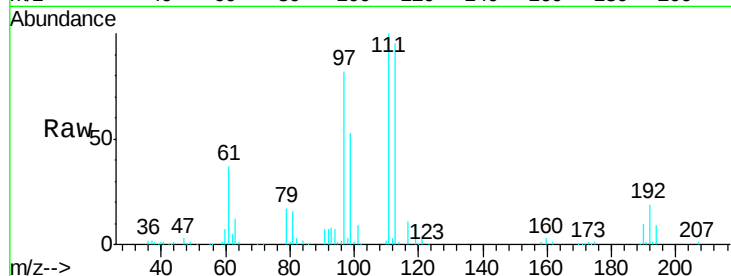




#35
 Dibromofluoromethane
 Concen: 48.745 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

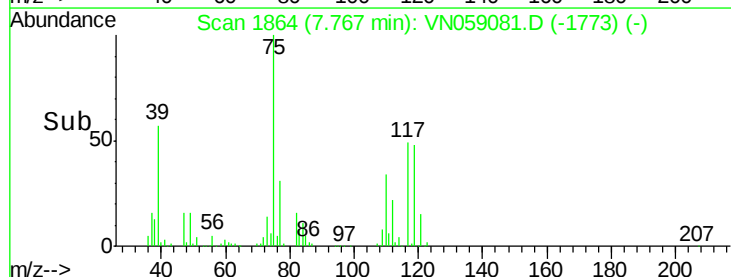
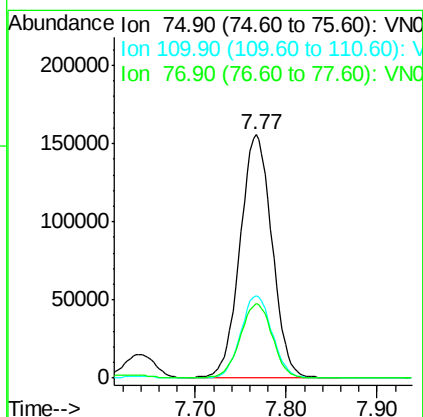
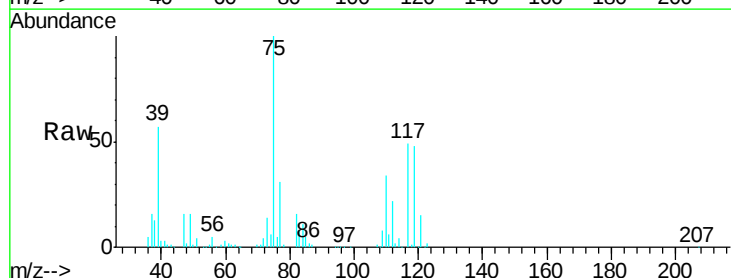
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

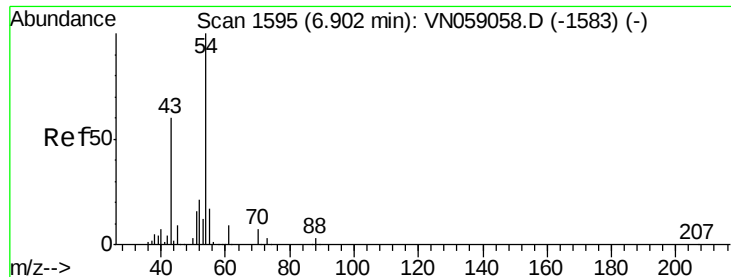
Tgt Ion: 113 Resp: 234301
 Ion Ratio Lower Upper
 113 100
 111 103.9 82.9 124.3
 192 19.9 15.9 23.9



#36
 1,1-Dichloropropene
 Concen: 51.215 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.01 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Tgt Ion: 75 Resp: 379258
 Ion Ratio Lower Upper
 75 100
 110 33.3 16.9 50.6
 77 30.9 25.0 37.4

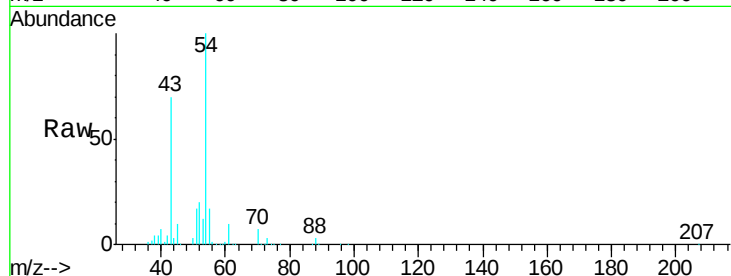




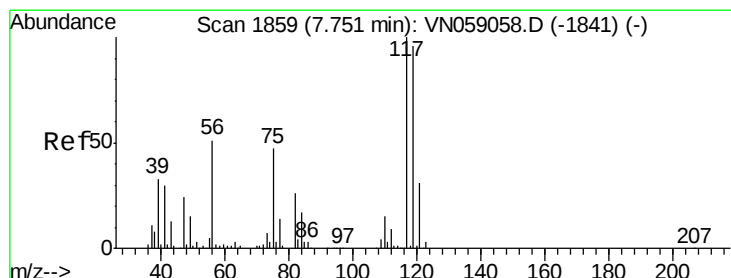
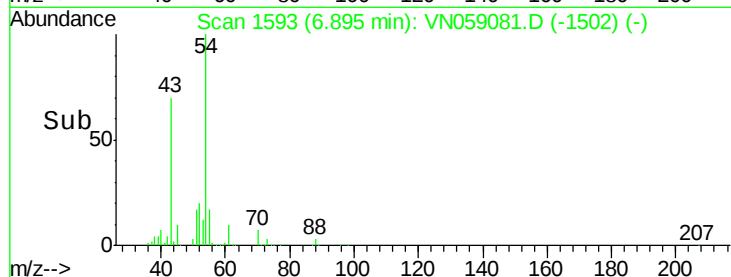
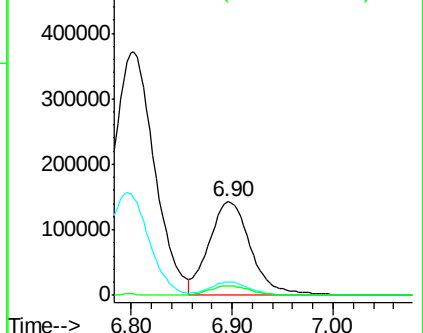
#37
 Ethyl Acetate
 Concen: 49.537 ug/l
 RT: 6.90 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 407586
 Ion Ratio Lower Upper
 43 100
 61 13.6 11.2 16.8
 70 10.2 8.0 12.0

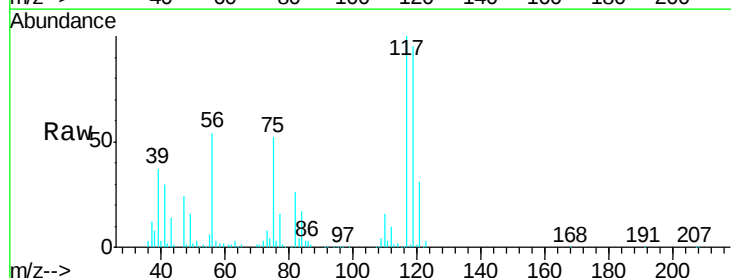


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

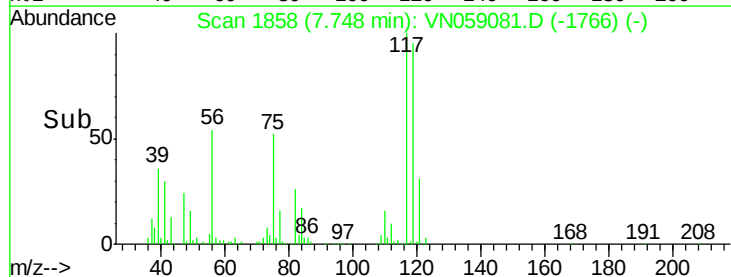
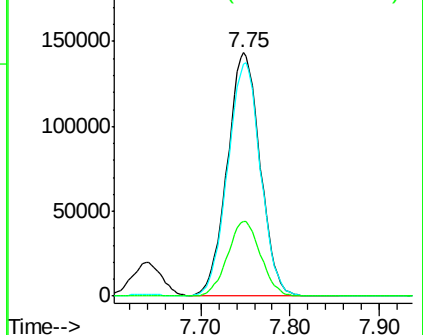


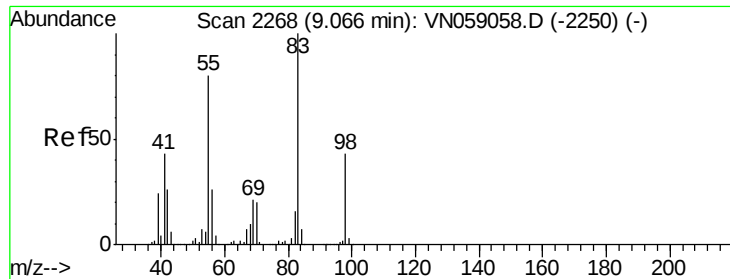
#38
 Carbon Tetrachloride
 Concen: 50.771 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Tgt Ion: 117 Resp: 366415
 Ion Ratio Lower Upper
 117 100
 119 95.5 76.6 114.8
 121 30.7 24.6 37.0



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

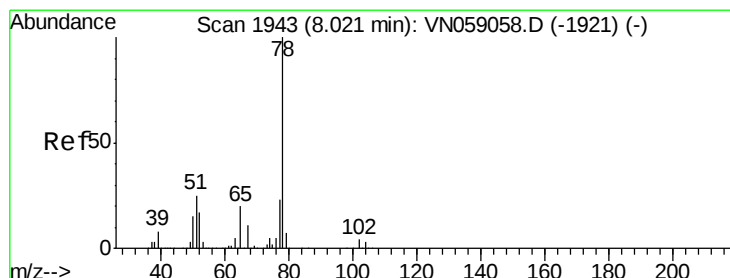
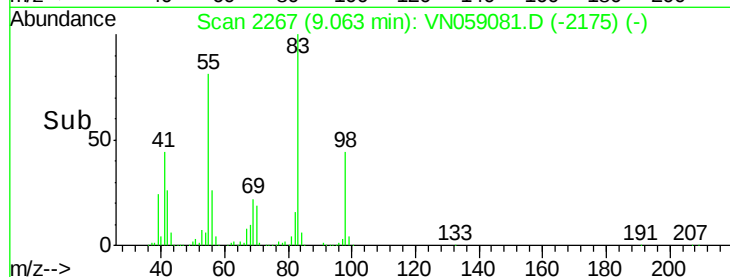
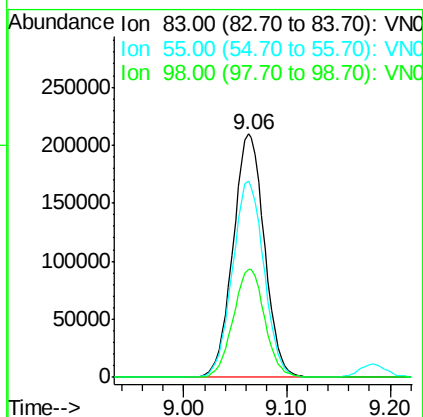
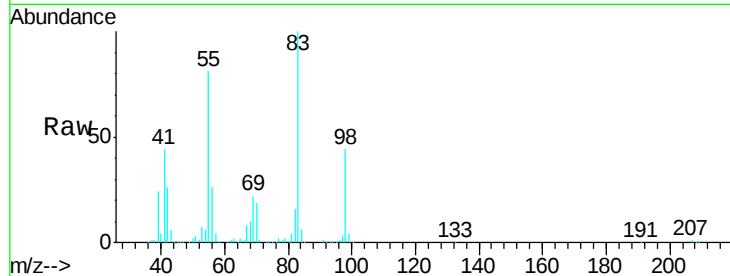




#39
Methylcyclohexane
Concen: 51.722 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

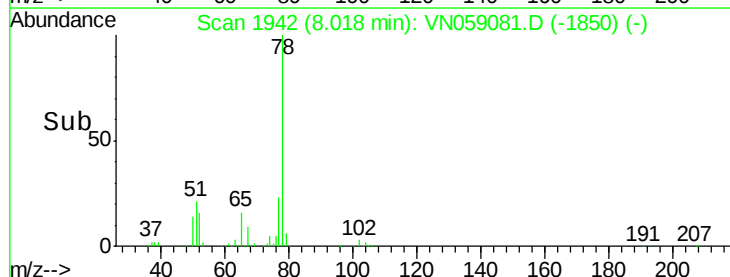
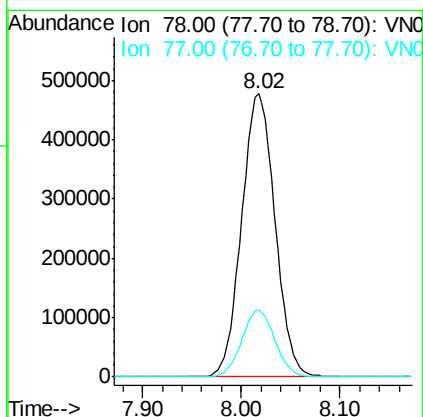
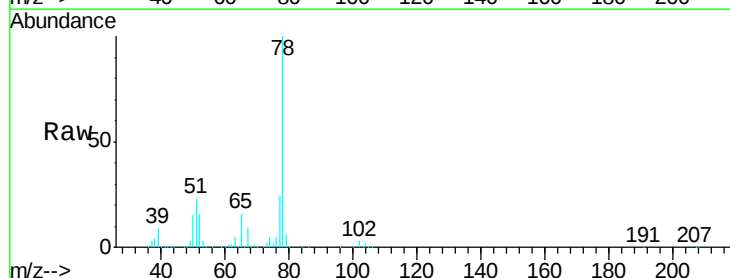
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

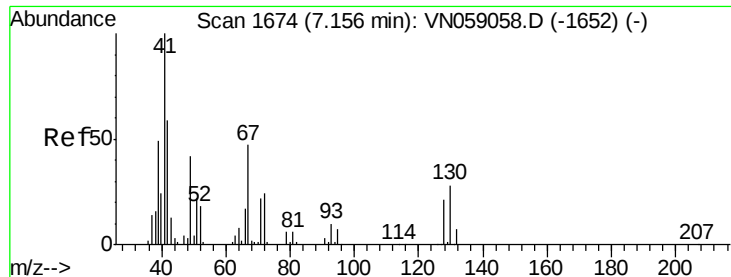
Tgt Ion: 83 Resp: 442711
Ion Ratio Lower Upper
83 100
55 80.6 64.1 96.1
98 44.4 34.3 51.5



#40
Benzene
Concen: 50.818 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

Tgt Ion: 78 Resp: 1116800
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41

Methacrylonitrile

Concen: 162.035 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.02 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 41 Resp: 576499

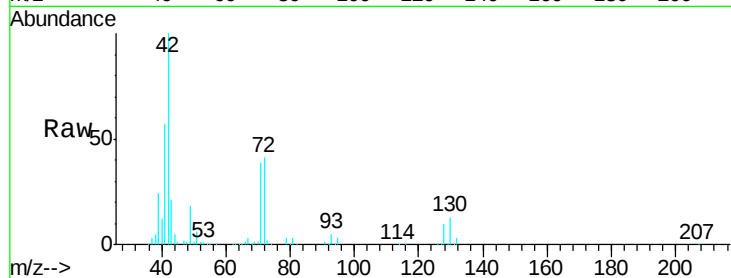
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

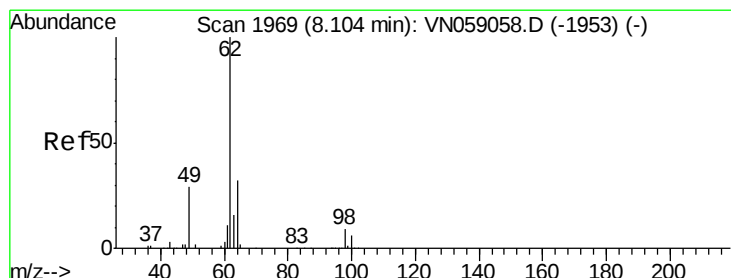
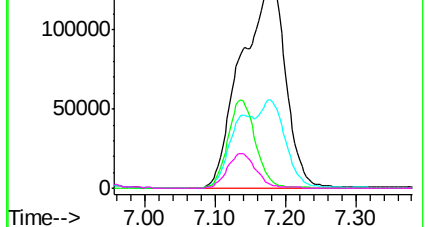
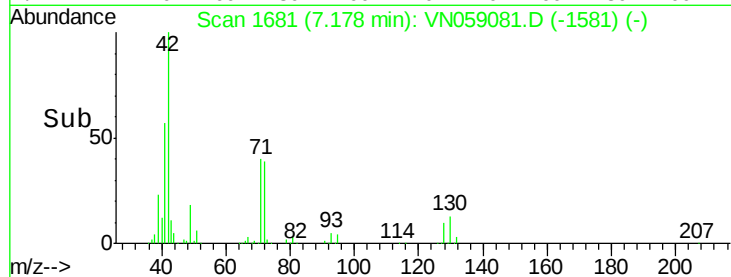


Abundance Ion 41.00 (40.70 to 41.70): VN059081.D (-1681) (-)

Ion 39.00 (38.70 to 39.70): VN059081.D (-1681) (-)

Ion 67.00 (66.70 to 67.70): VN059081.D (-1681) (-)

Ion 52.00 (51.70 to 52.70): VN059081.D (-1681) (-)



#42

1,2-Dichloroethane

Concen: 51.076 ug/l

RT: 8.10 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VN059081.D

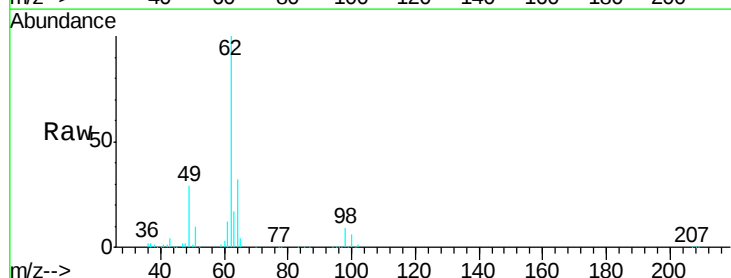
Acq: 4 Nov 2019 14:57

Tgt Ion: 62 Resp: 389833

Ion Ratio Lower Upper

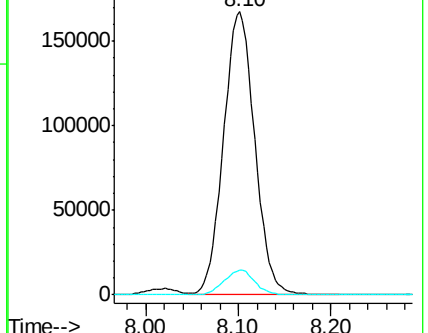
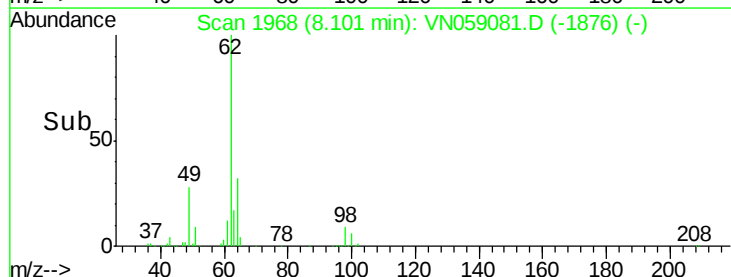
62 100

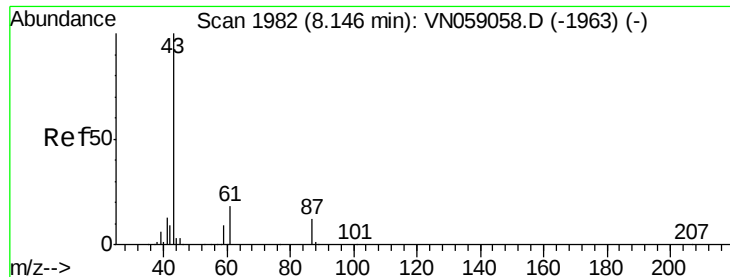
98 8.7 0.0 18.0



Abundance Ion 61.90 (61.60 to 62.60): VN059081.D (-1968) (-)

Ion 97.90 (97.60 to 98.60): VN059081.D (-1968) (-)





#43

Isopropyl Acetate

Concen: 50.374 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.01 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

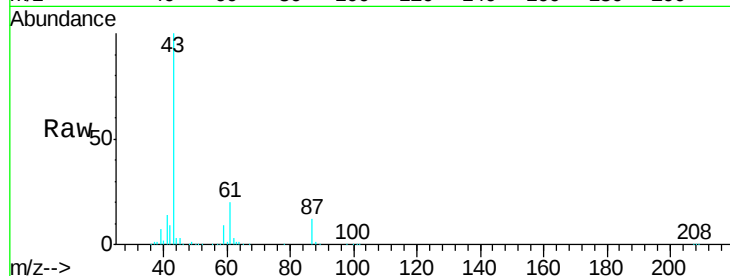
Tgt Ion: 43 Resp: 648167

Ion Ratio Lower Upper

43 100

61 26.3 20.5 30.7

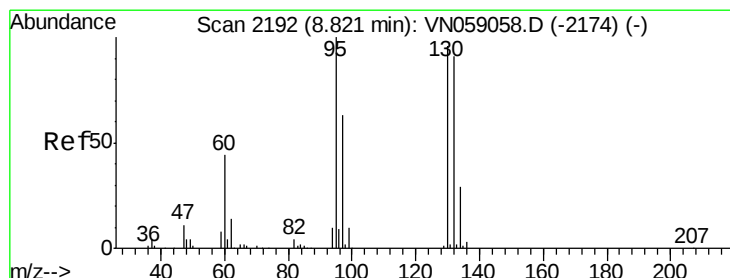
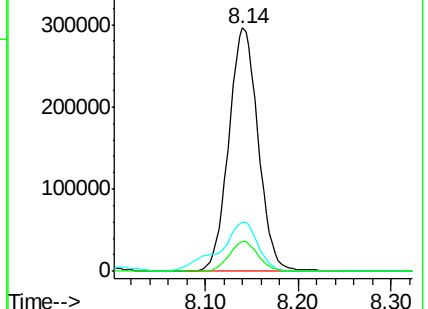
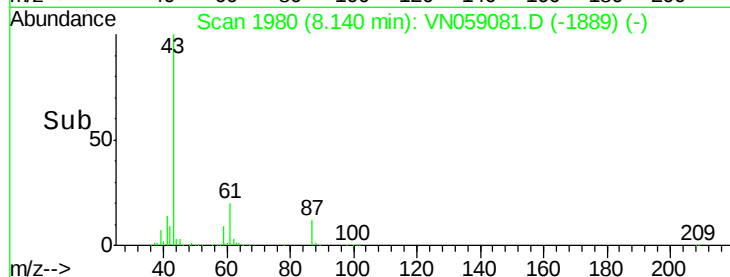
87 12.1 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN059058.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN059058.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN059058.D (-1963) (-)



#44

Trichloroethene

Concen: 50.508 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN059081.D

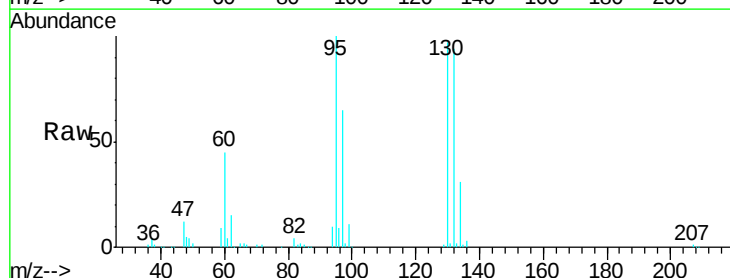
Acq: 4 Nov 2019 14:57

Tgt Ion: 130 Resp: 273105

Ion Ratio Lower Upper

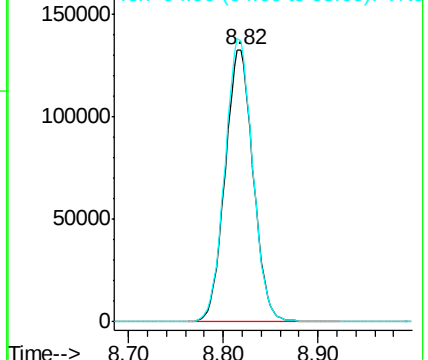
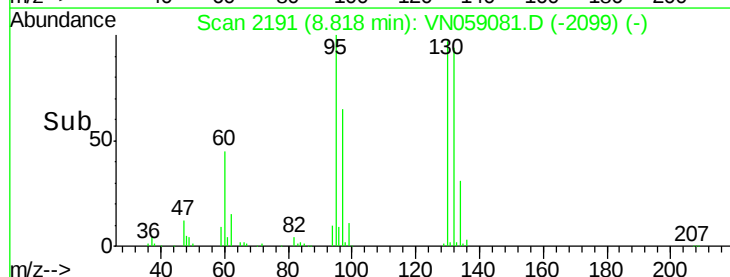
130 100

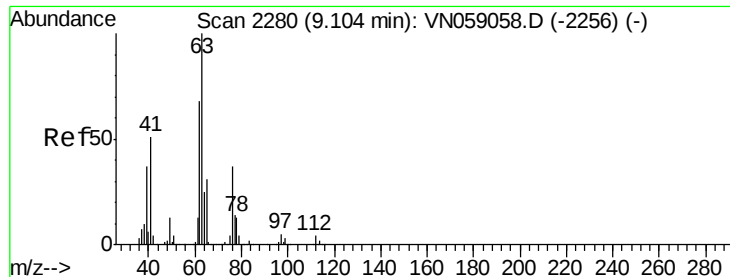
95 103.3 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN059058.D (-2174) (-)

Ion 94.90 (94.60 to 95.60): VN059058.D (-2174) (-)

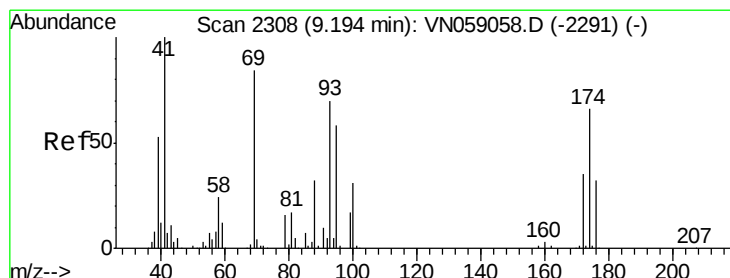
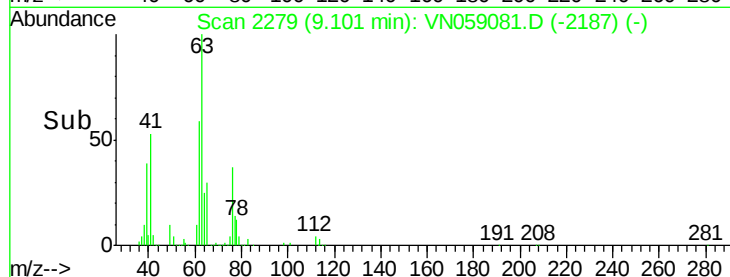
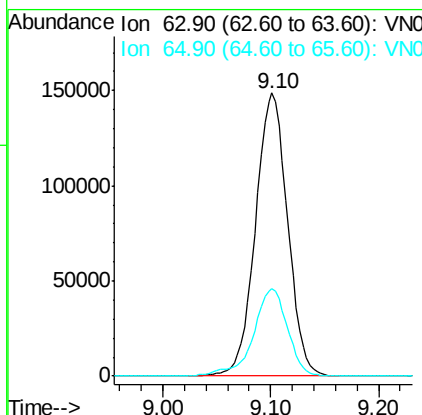
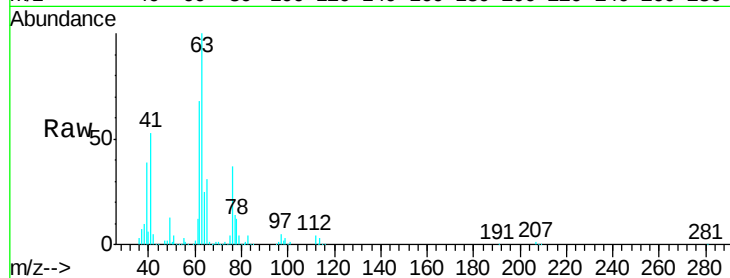




#45
 1,2-Dichloropropane
 Concen: 51.653 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

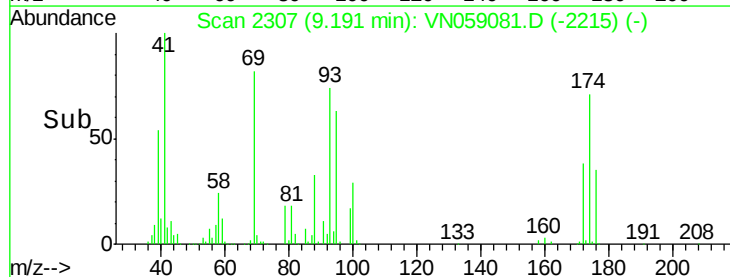
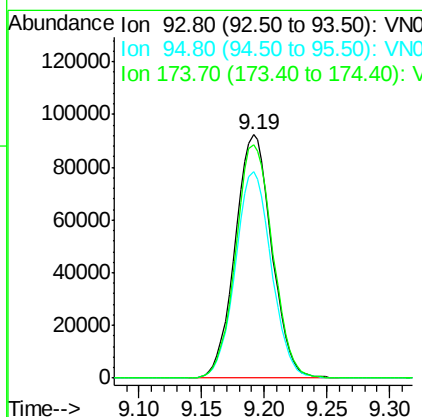
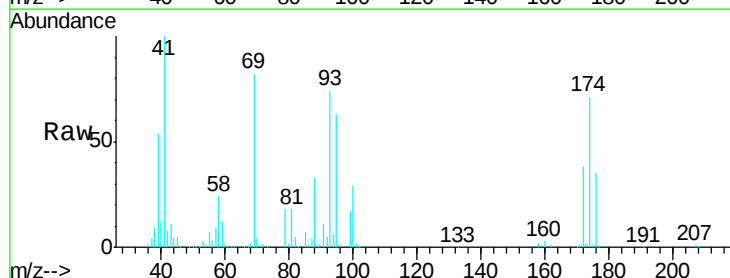
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

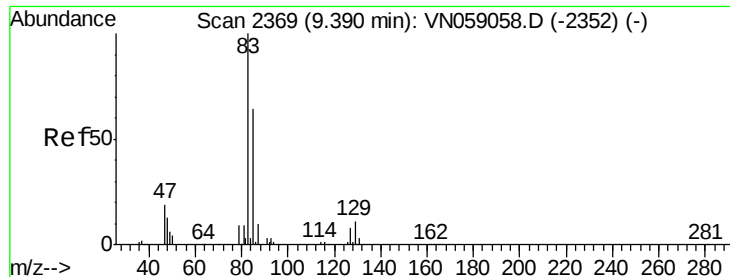
Tgt Ion: 63 Resp: 306998
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



#46
 Dibromomethane
 Concen: 50.986 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Tgt Ion: 93 Resp: 187290
 Ion Ratio Lower Upper
 93 100
 95 83.7 67.2 100.8
 174 96.9 78.3 117.5





#47

Bromodichloromethane

Concen: 51.747 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

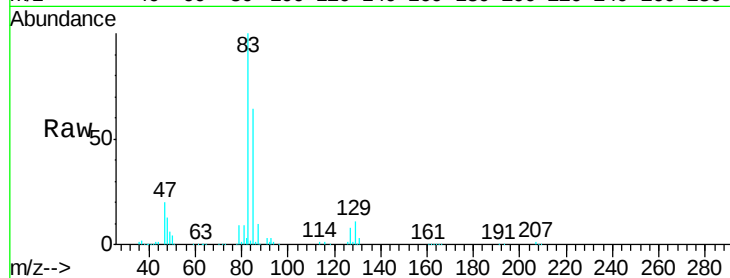
Tgt Ion: 83 Resp: 384957

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

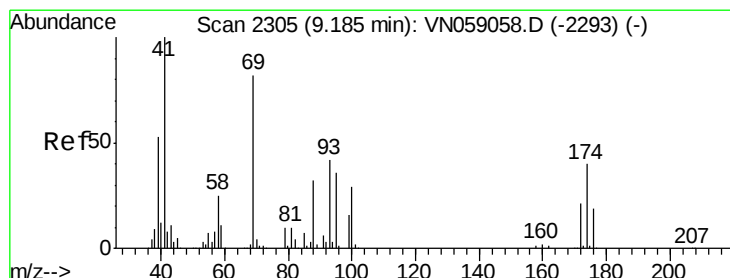
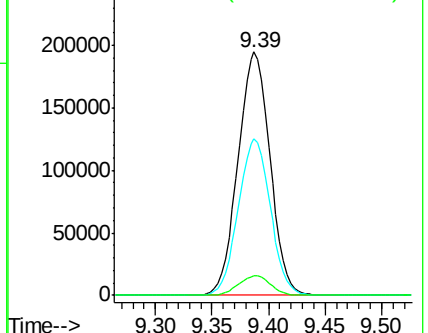
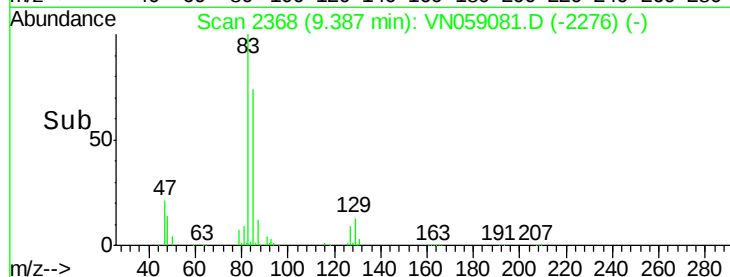
127 8.2 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN059081.D (-2276) (-)

Ion 84.90 (84.60 to 85.60): VN059081.D (-2276) (-)

Ion 126.80 (126.50 to 127.50): VN059081.D (-2276) (-)



#48

Methyl methacrylate

Concen: 50.234 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

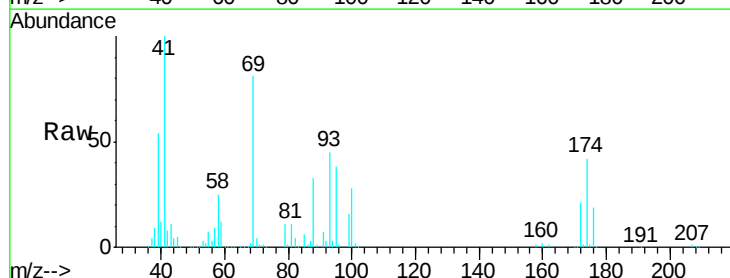
Tgt Ion: 41 Resp: 294717

Ion Ratio Lower Upper

41 100

69 83.8 67.1 100.7

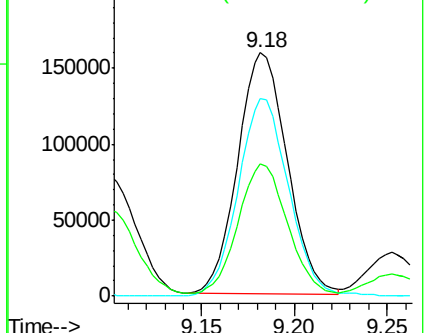
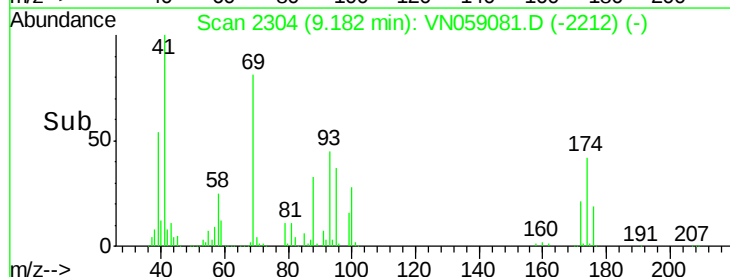
39 55.2 43.3 64.9

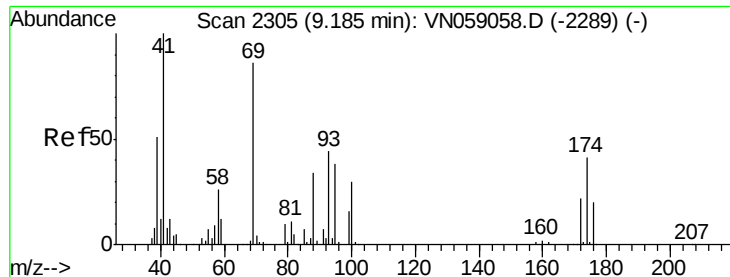


Abundance Ion 41.00 (40.70 to 41.70): VN059081.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059081.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059081.D (-2212) (-)

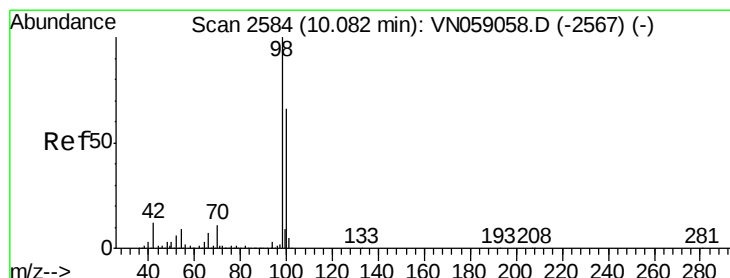
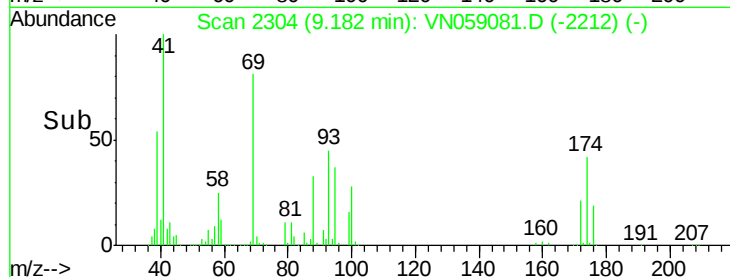
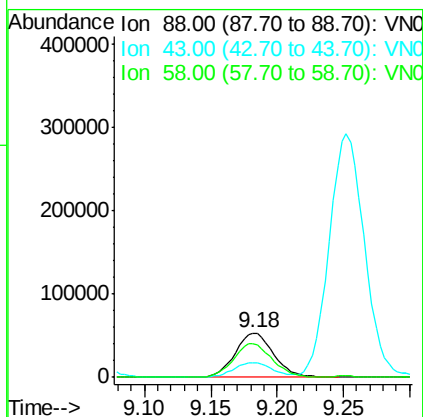
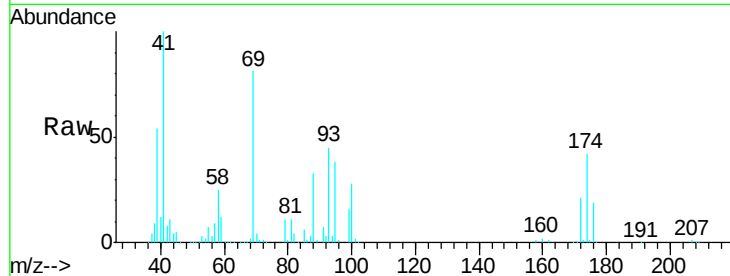




#49
1,4-Dioxane
Concen: 1123.896 ug/l
RT: 9.18 min Scan# 2304
Delta R.T. -0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

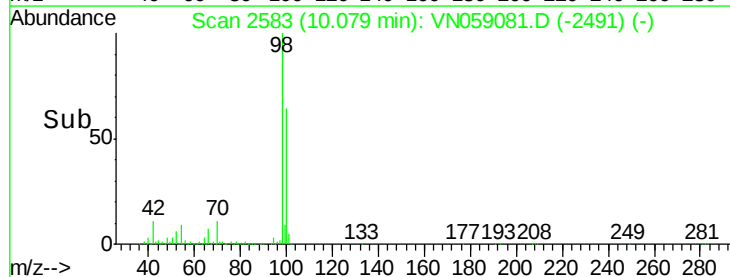
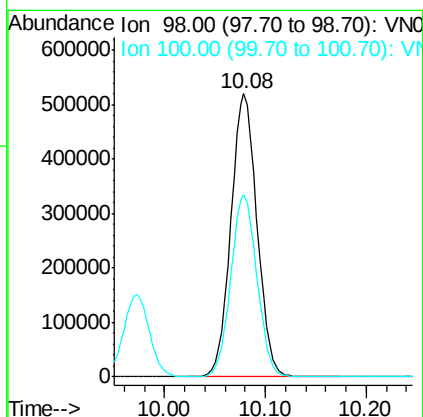
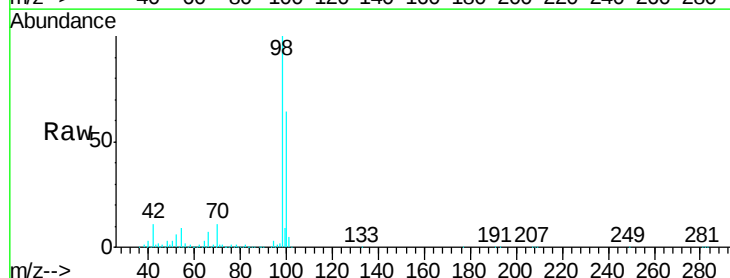
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

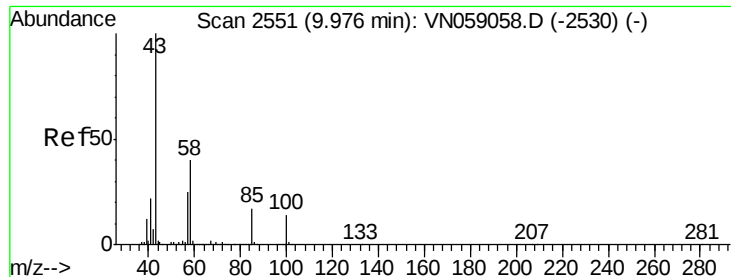
Tgt Ion: 88 Resp: 107559
Ion Ratio Lower Upper
88 100
43 33.0 26.2 39.2
58 76.6 59.1 88.7



#50
Toluene-d8
Concen: 50.111 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

Tgt Ion: 98 Resp: 937780
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5

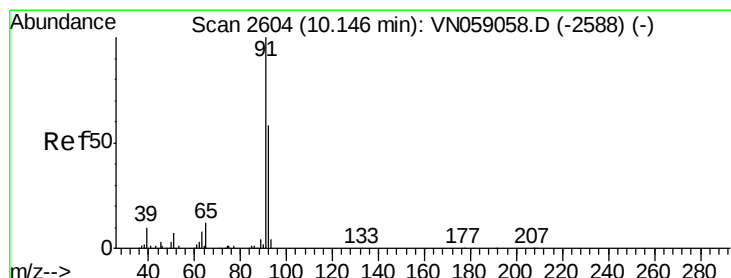
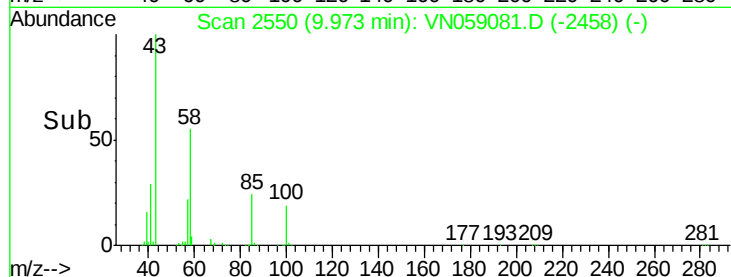
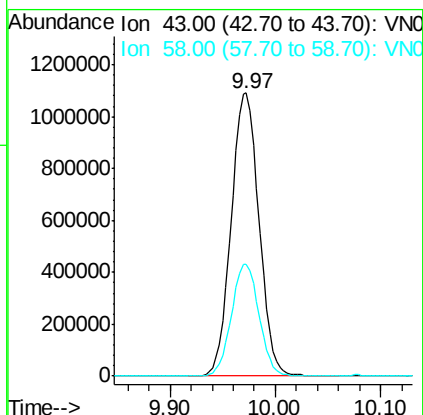
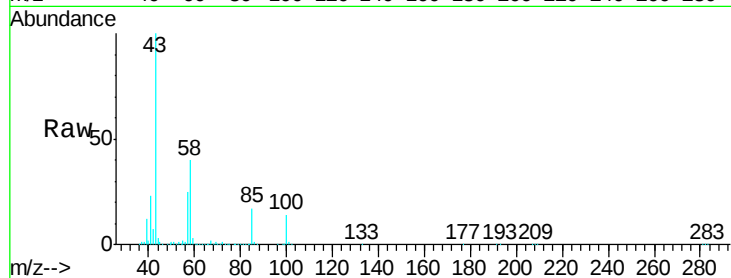




#51
 4-Methyl-2-Pentanone
 Concen: 266.495 ug/l
 RT: 9.97 min Scan# 2550
 Delta R.T. -0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

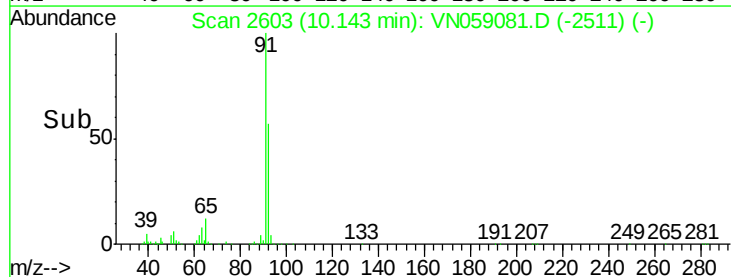
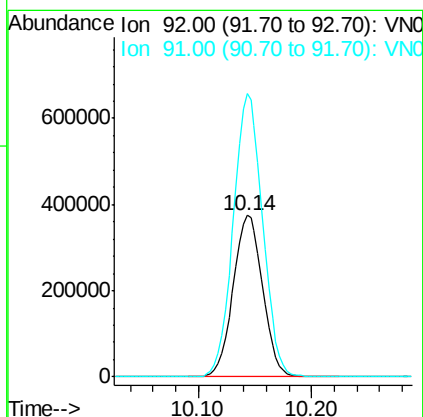
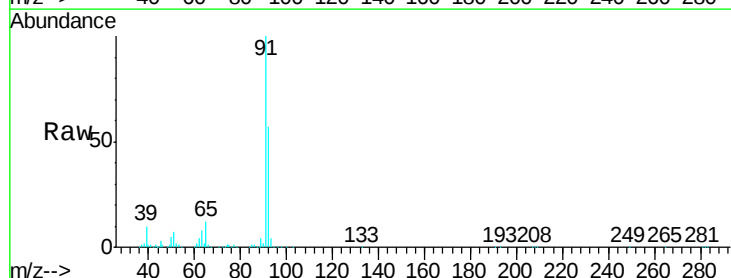
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

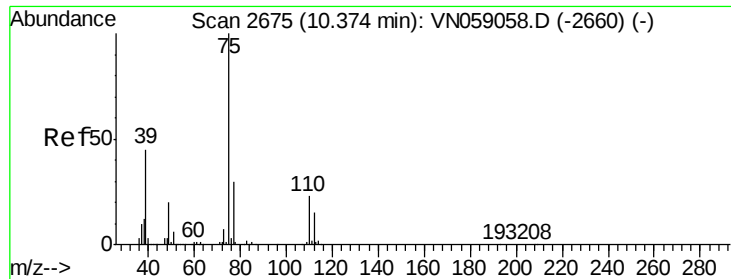
Tgt Ion: 43 Resp: 1991970
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.8 47.6



#52
 Toluene
 Concen: 52.885 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Tgt Ion: 92 Resp: 680997
 Ion Ratio Lower Upper
 92 100
 91 174.2 138.7 208.1





#53

t-1,3-Dichloropropene

Concen: 52.004 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

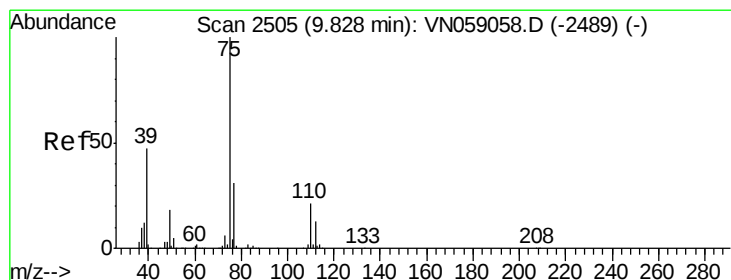
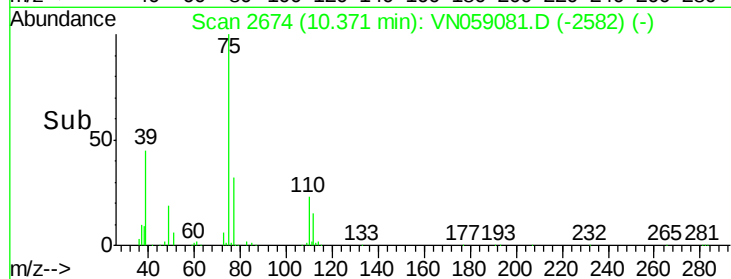
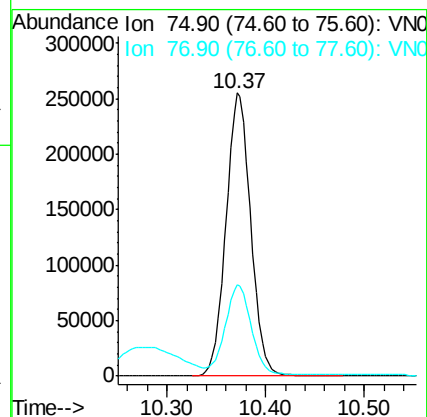
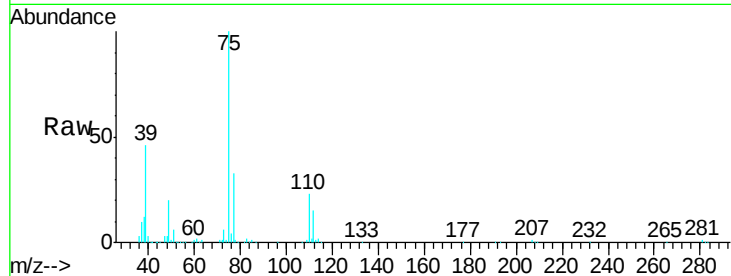
VSTDCCC050EC

Tgt Ion: 75 Resp: 447349

Ion Ratio Lower Upper

75 100

77 32.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 53.378 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

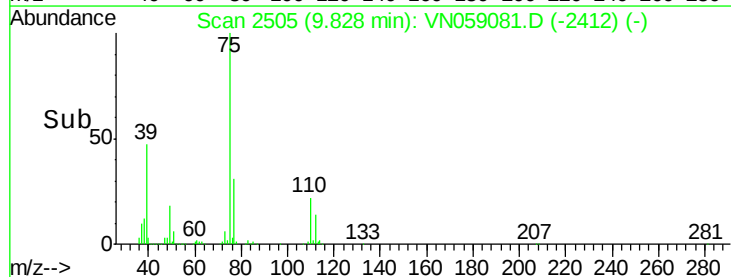
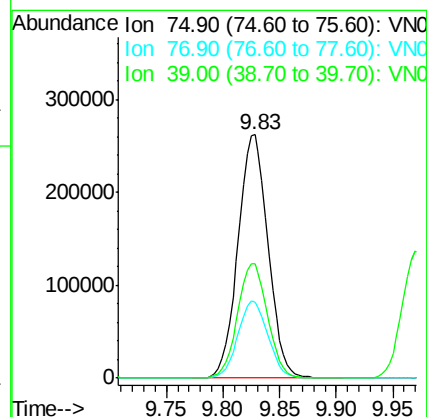
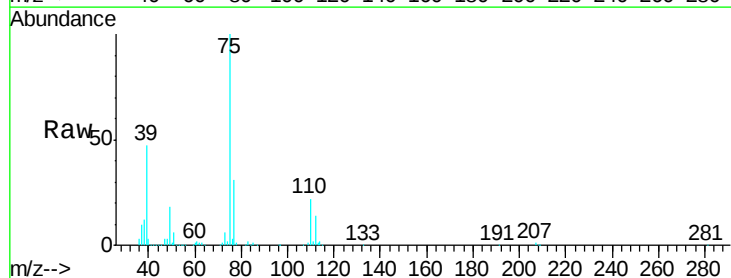
Tgt Ion: 75 Resp: 484326

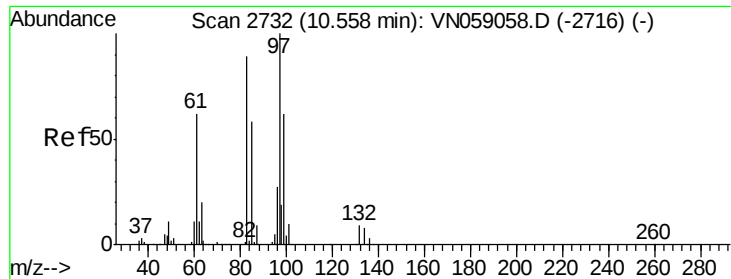
Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0

39 46.8 37.4 56.2





#55

1,1,2-Trichloroethane

Concen: 50.924 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 267124

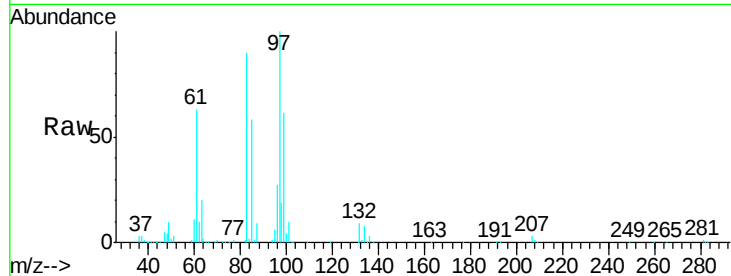
Ion Ratio Lower Upper

97 100

83 90.3 71.4 107.2

85 58.3 46.6 70.0

99 61.3 49.7 74.5

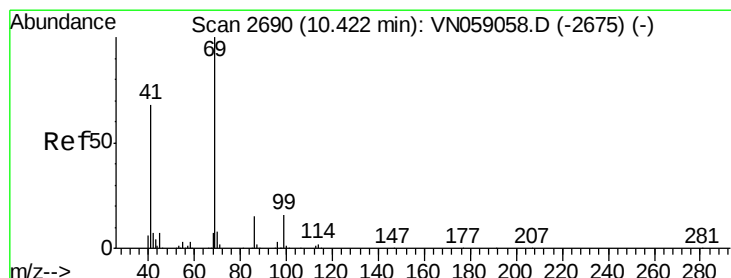
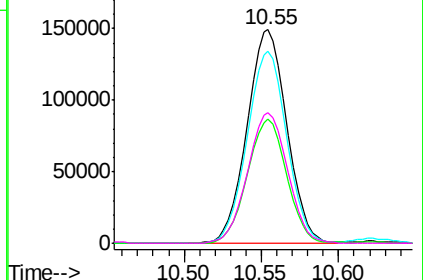
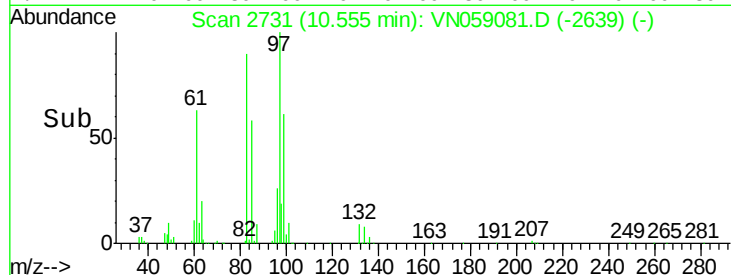


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 48.572 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

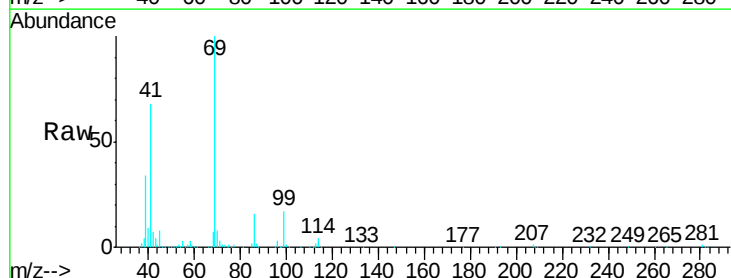
Tgt Ion: 69 Resp: 431741

Ion Ratio Lower Upper

69 100

41 67.3 53.8 80.8

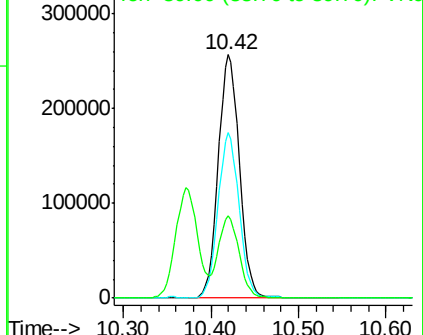
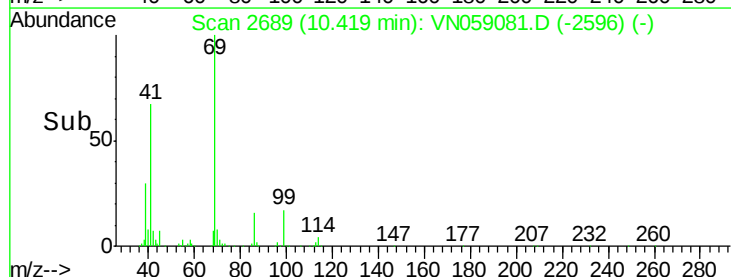
39 33.3 26.2 39.2

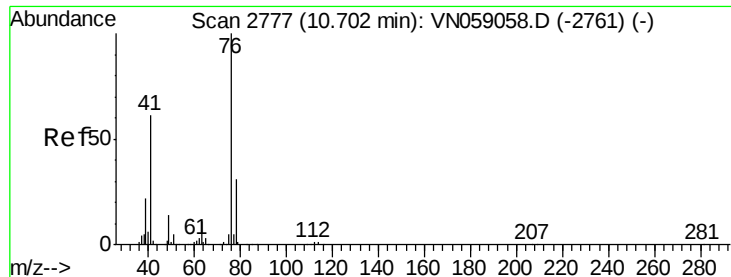


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.634 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

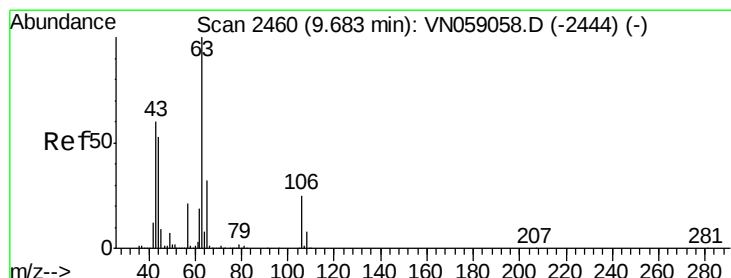
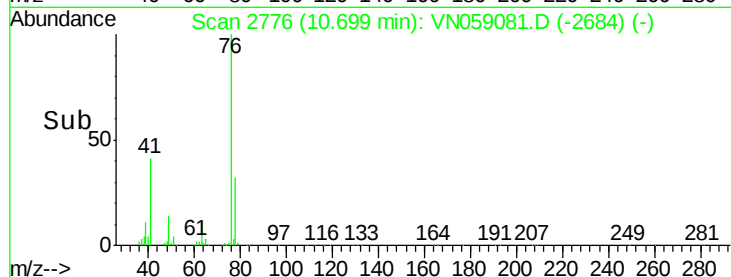
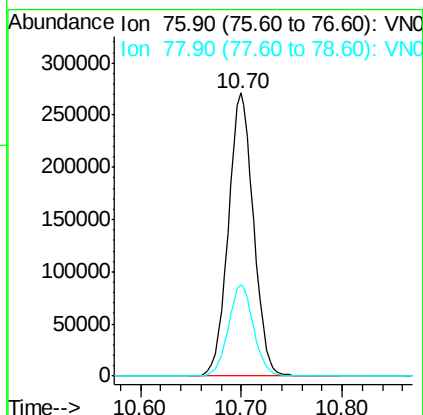
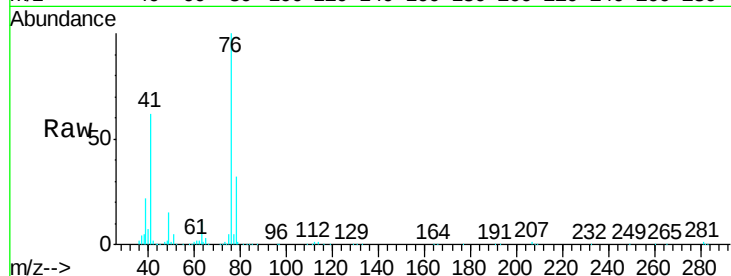
VSTDCCC050EC

Tgt Ion: 76 Resp: 471037

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 255.356 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN059081.D

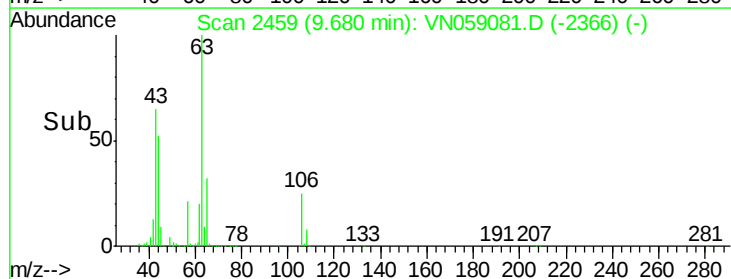
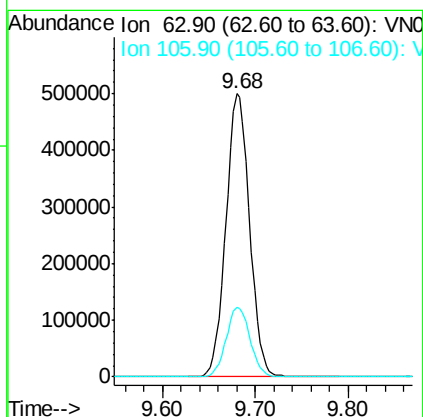
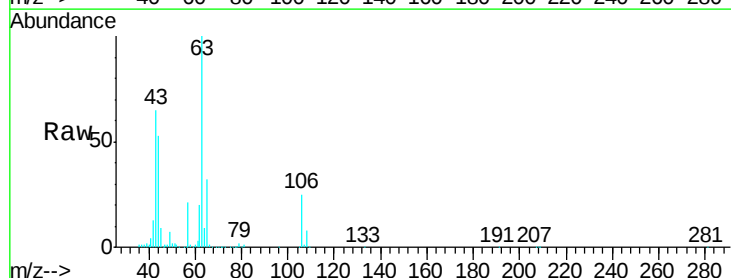
Acq: 4 Nov 2019 14:57

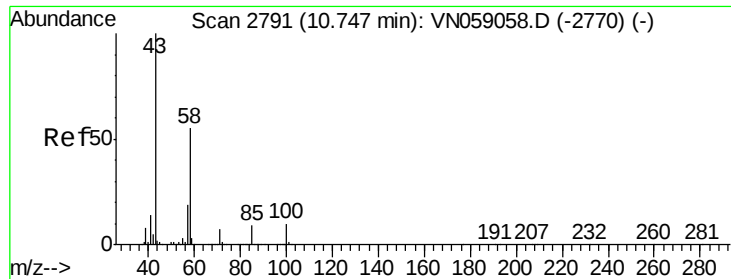
Tgt Ion: 63 Resp: 882418

Ion Ratio Lower Upper

63 100

106 24.9 19.8 29.6

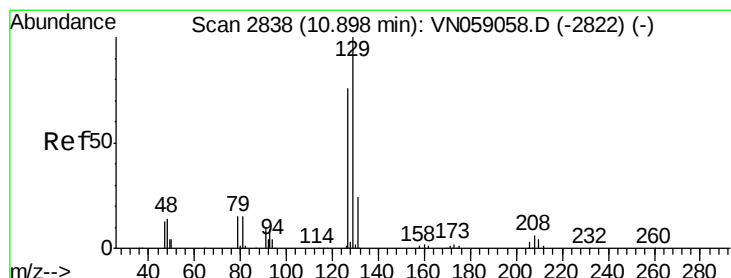
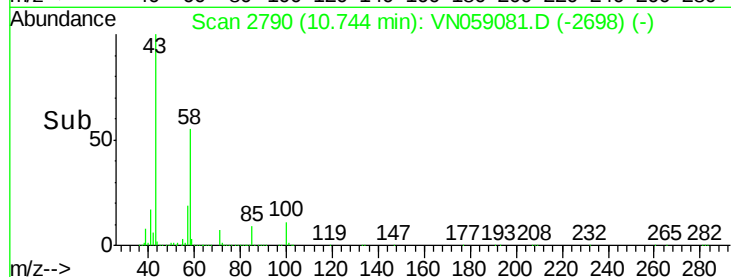
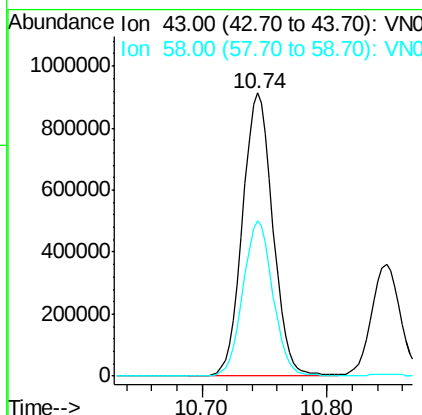
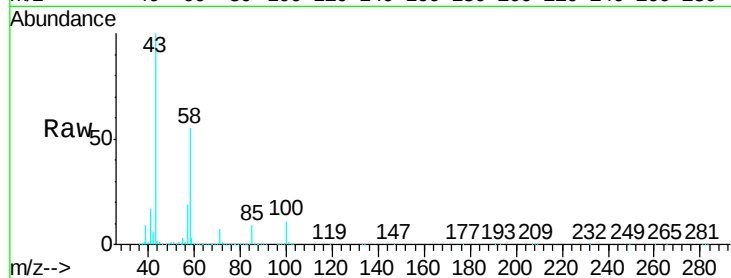




#59
2-Hexanone
Concen: 270.447 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. -0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

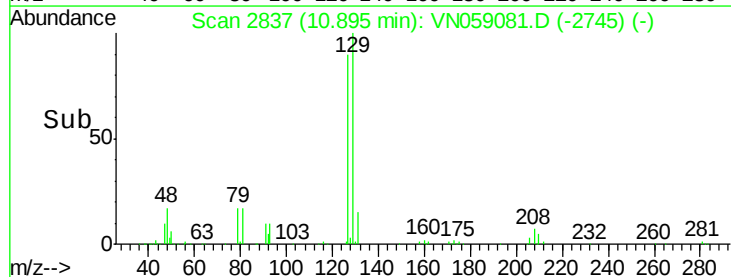
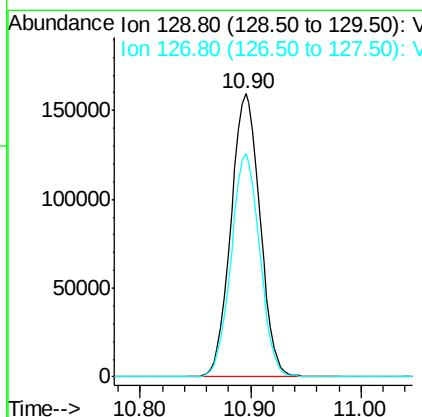
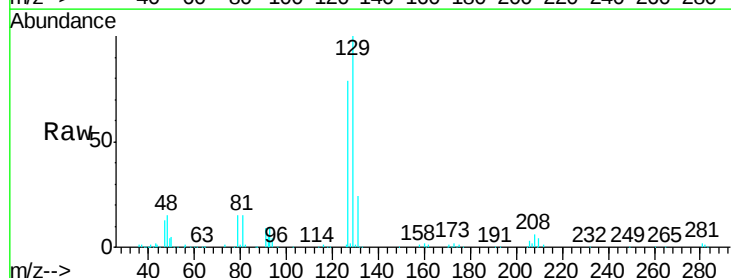
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

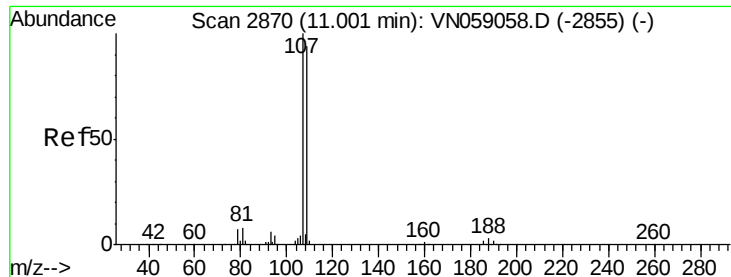
Tgt Ion: 43 Resp: 1535737
Ion Ratio Lower Upper
43 100
58 54.2 27.4 82.2



#60
Dibromochloromethane
Concen: 51.644 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

Tgt Ion: 129 Resp: 291948
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 51.675 ug/l

RT: 11.00 min Scan# 2869

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

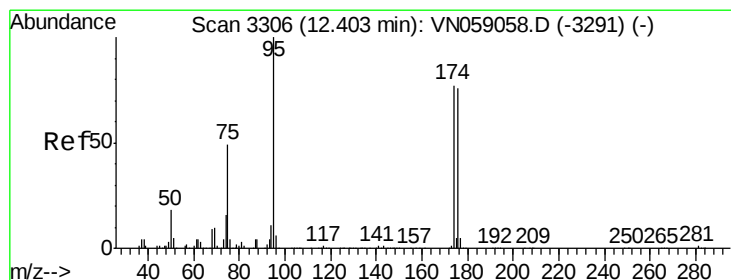
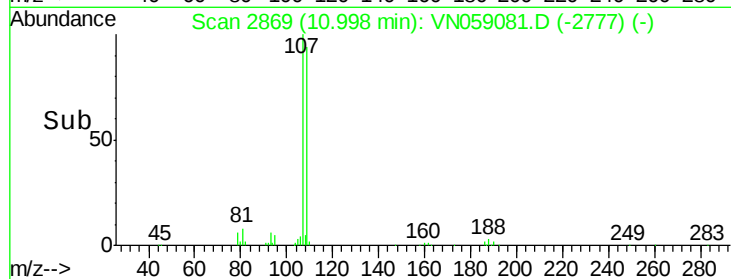
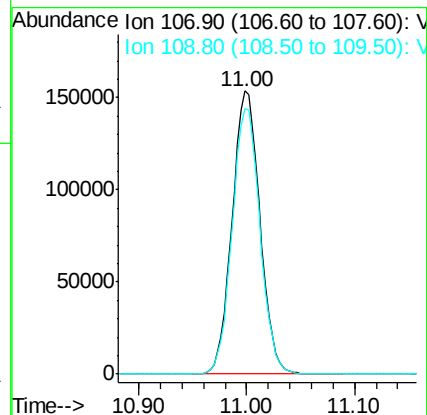
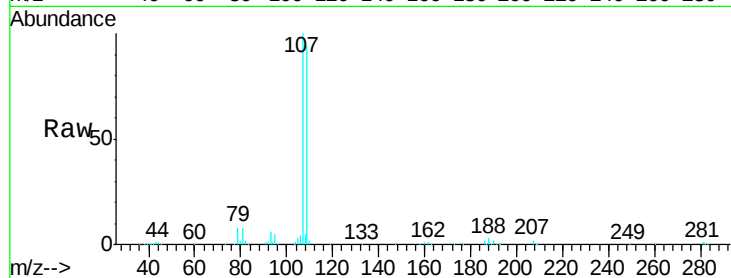
VSTDCCC050EC

Tgt Ion: 107 Resp: 274605

Ion Ratio Lower Upper

107 100

109 94.5 75.5 113.3



#62

4-Bromofluorobenzene

Concen: 51.724 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

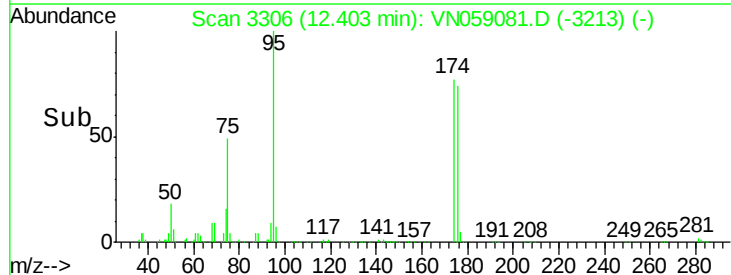
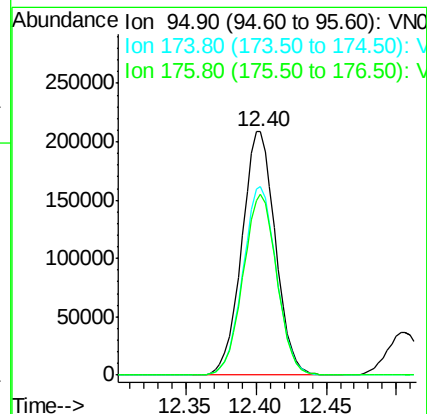
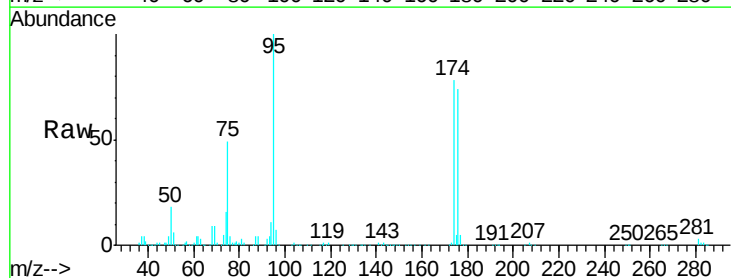
Tgt Ion: 95 Resp: 347953

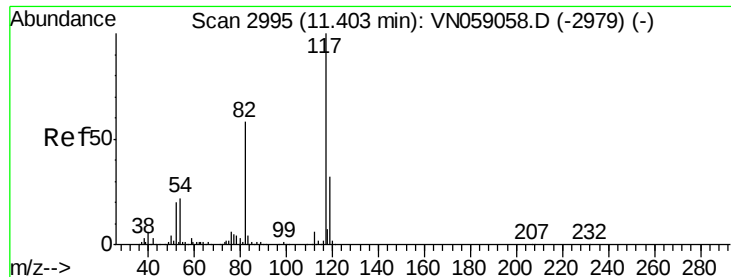
Ion Ratio Lower Upper

95 100

174 77.5 0.0 155.8

176 74.6 0.0 151.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

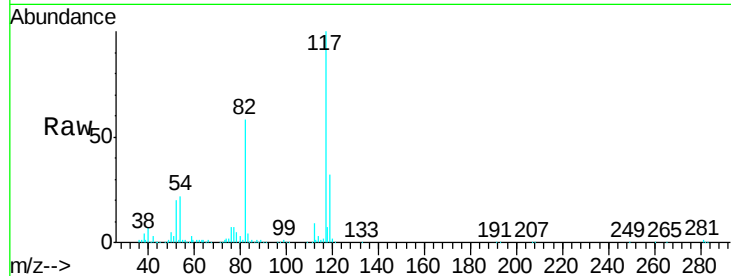
Tgt Ion:117 Resp: 685345

Ion Ratio Lower Upper

117 100

82 57.6 46.0 69.0

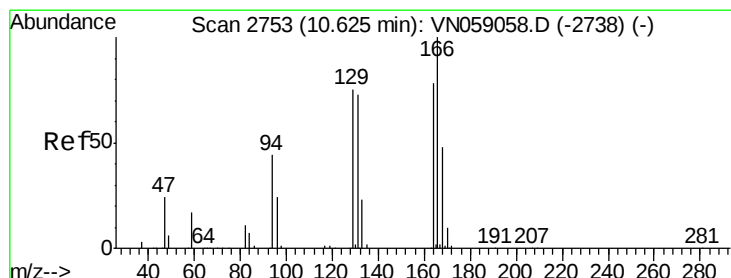
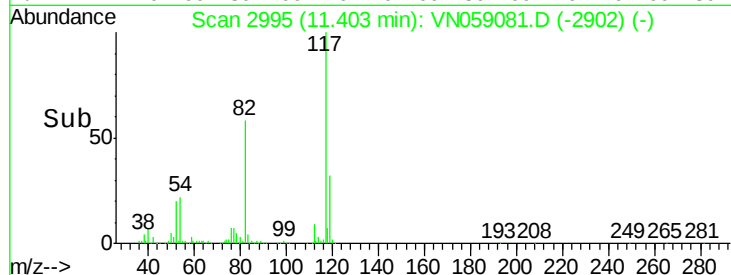
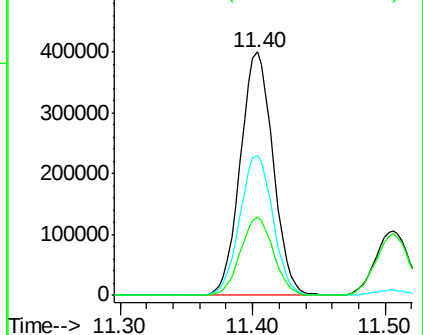
119 32.1 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 51.517 ug/l

RT: 10.62 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Tgt Ion:164 Resp: 246634

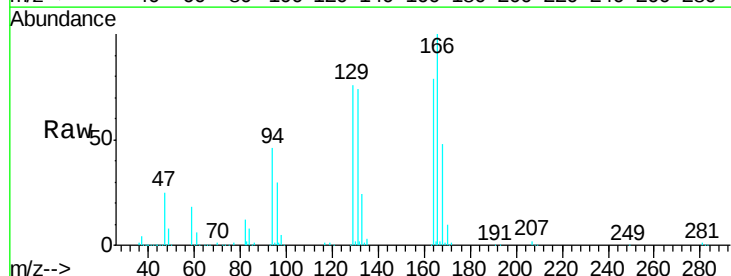
Ion Ratio Lower Upper

164 100

166 126.7 102.7 154.1

129 96.9 77.3 115.9

131 93.5 74.8 112.2

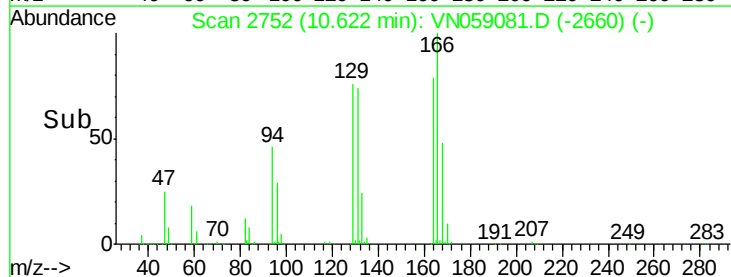
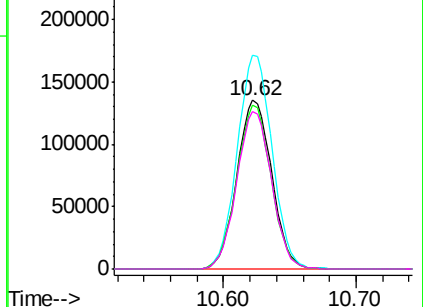


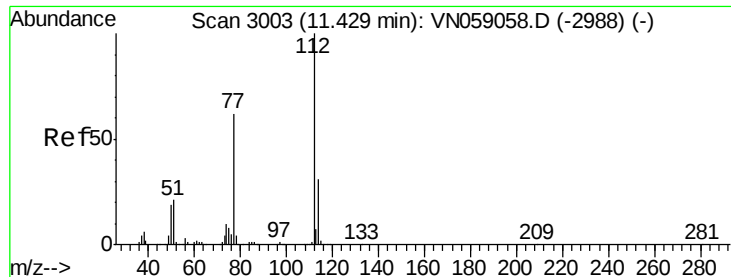
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 51.442 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

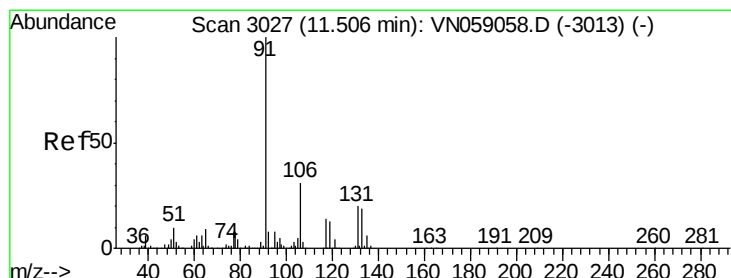
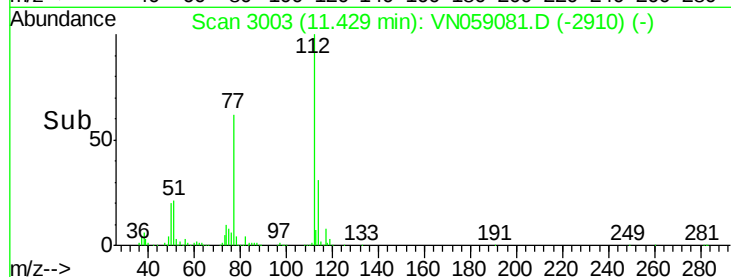
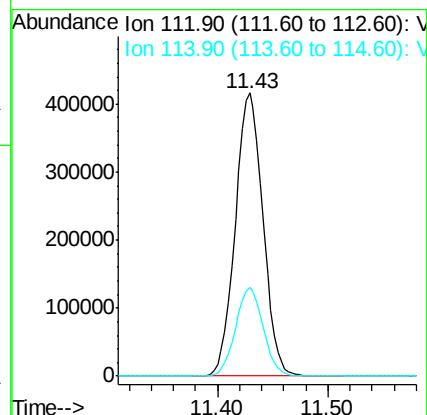
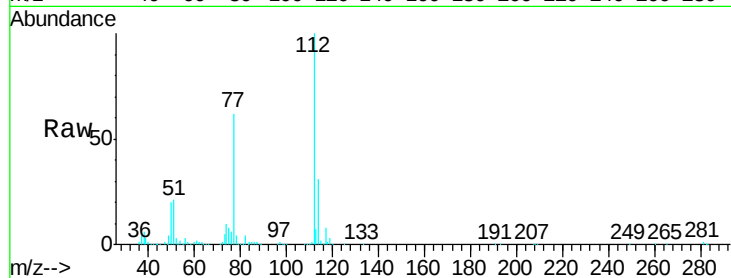
VSTDCCC050EC

Tgt Ion:112 Resp: 723591

Ion Ratio Lower Upper

112 100

114 31.2 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 51.181 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

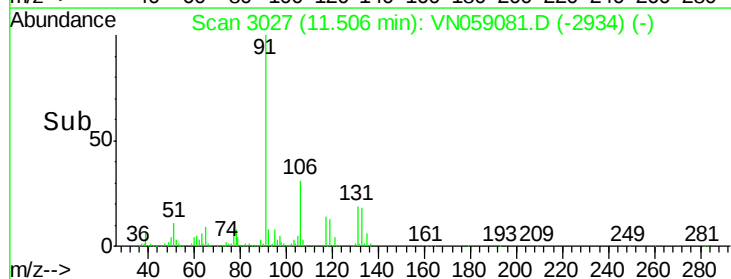
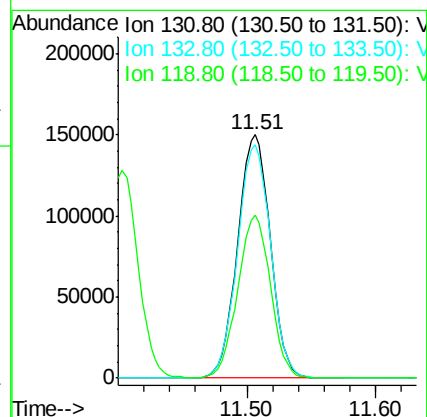
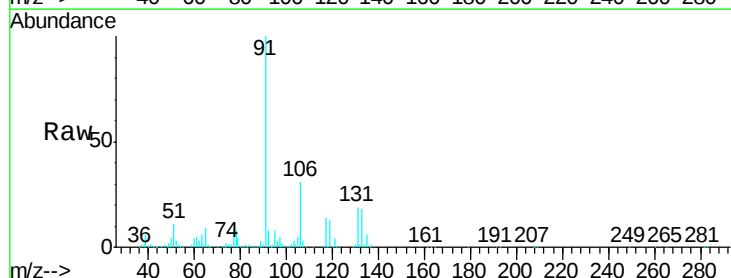
Tgt Ion:131 Resp: 264869

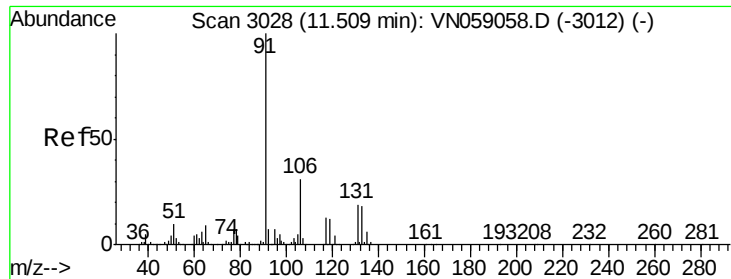
Ion Ratio Lower Upper

131 100

133 96.6 47.9 143.6

119 67.0 33.5 100.5





#67

Ethyl Benzene

Concen: 54.369 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

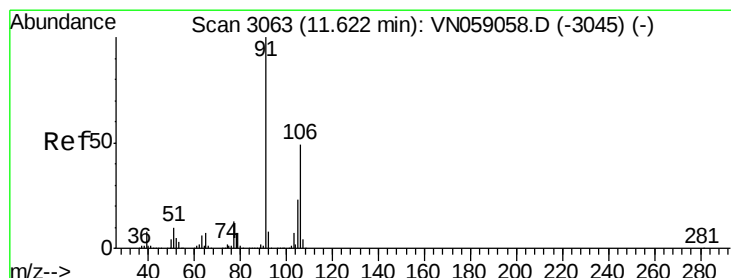
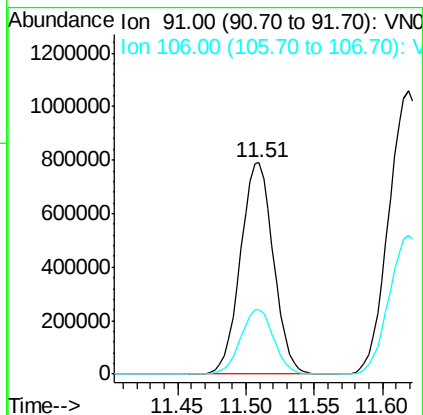
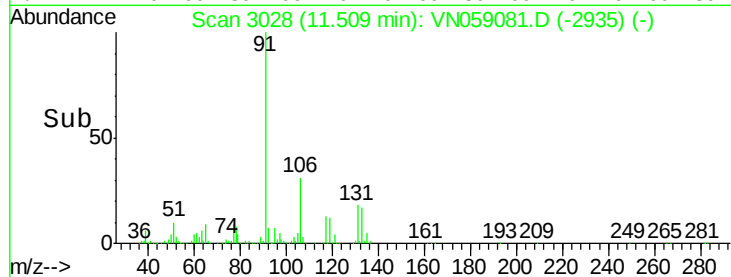
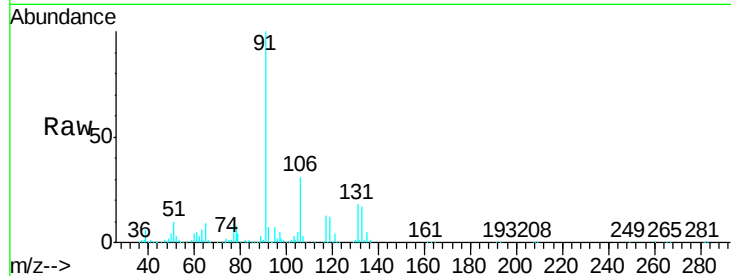
VSTDCCC050EC

Tgt Ion: 91 Resp: 1323876

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 108.443 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. -0.00 min

Lab File: VN059081.D

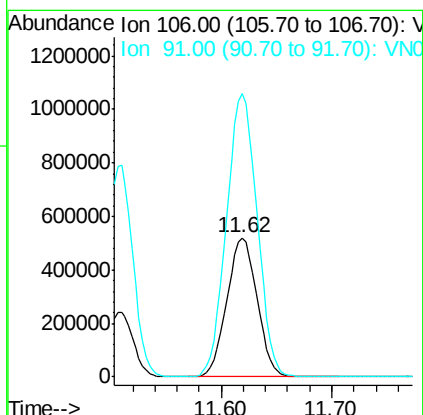
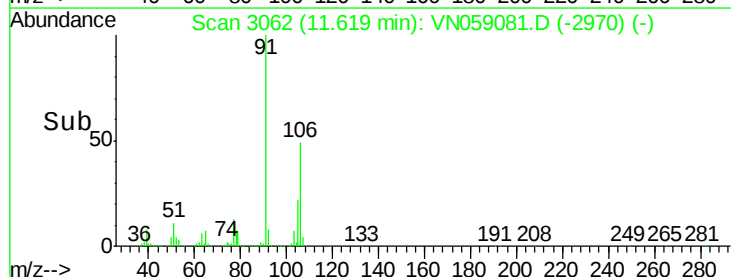
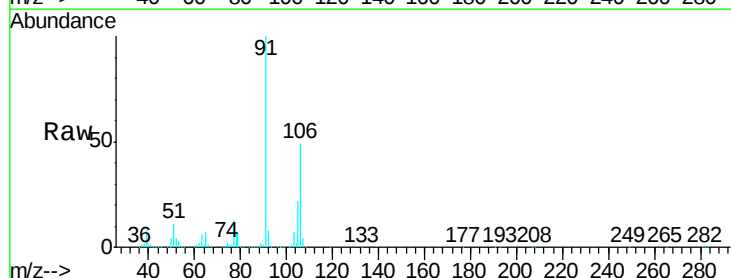
Acq: 4 Nov 2019 14:57

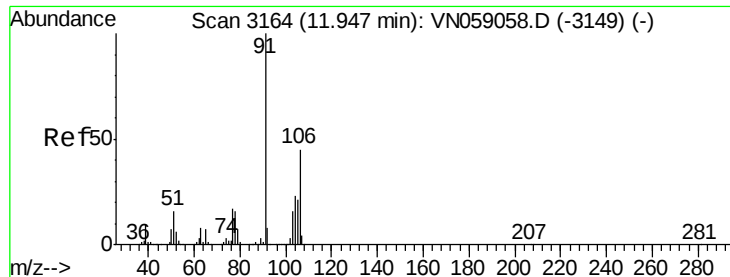
Tgt Ion: 106 Resp: 986018

Ion Ratio Lower Upper

106 100

91 206.6 165.7 248.5

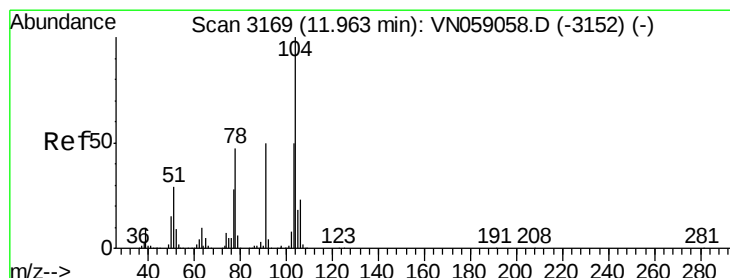
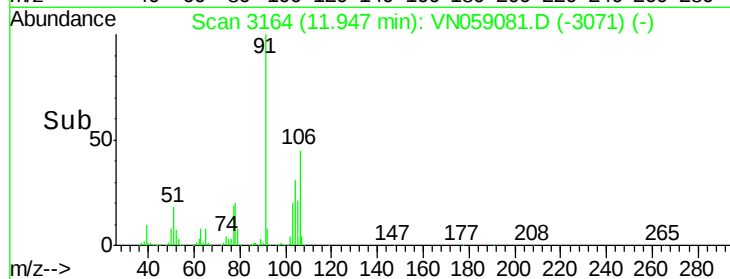
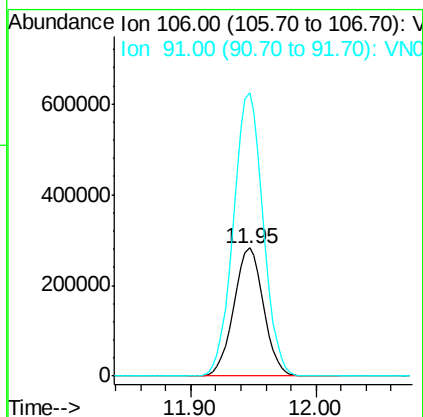
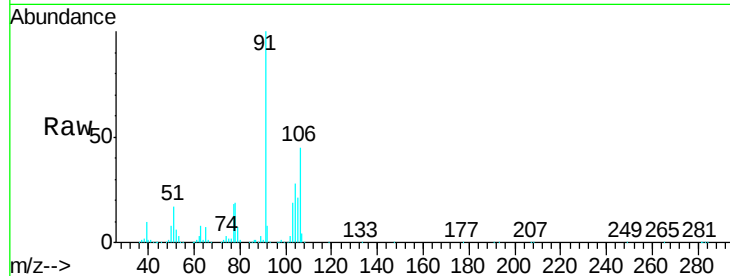




#69
o-Xylene
Concen: 53.650 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

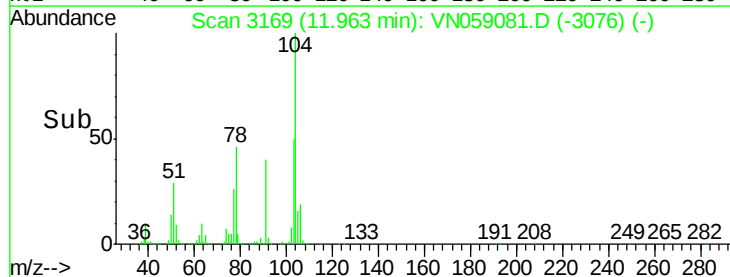
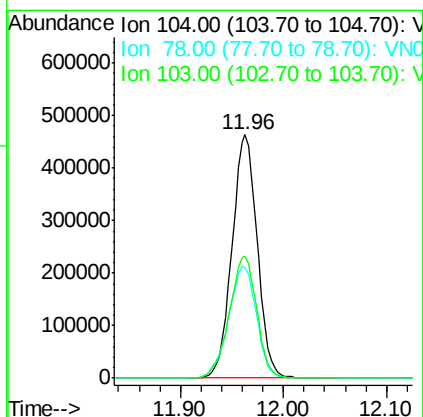
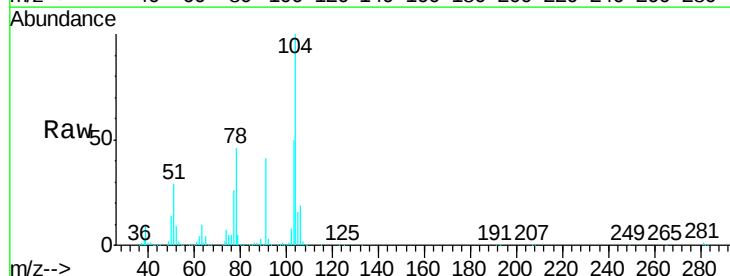
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

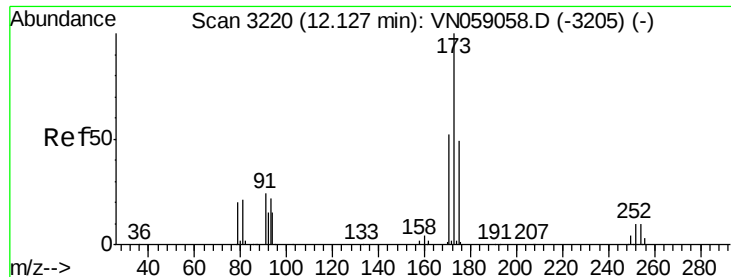
Tgt Ion:106 Resp: 465813
Ion Ratio Lower Upper
106 100
91 220.2 110.4 331.2



#70
Styrene
Concen: 56.160 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

Tgt Ion:104 Resp: 790179
Ion Ratio Lower Upper
104 100
78 51.3 41.2 61.8
103 54.4 43.9 65.9





#71

Bromoform

Concen: 52.800 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

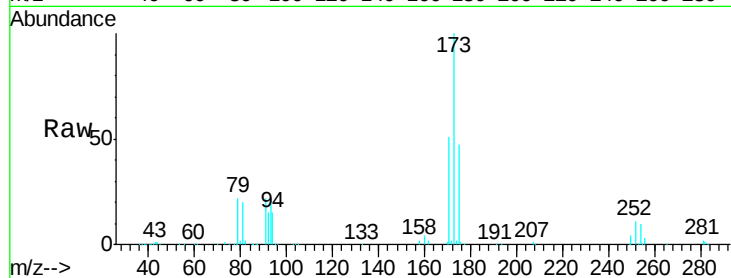
Tgt Ion:173 Resp: 211498

Ion Ratio Lower Upper

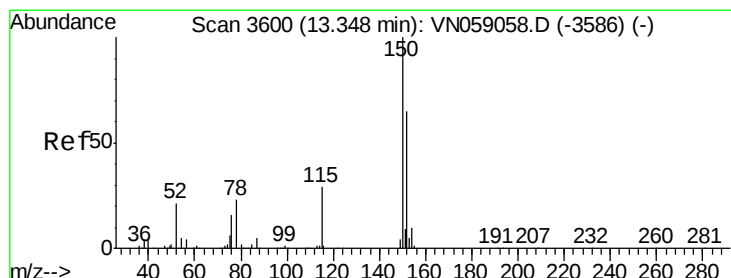
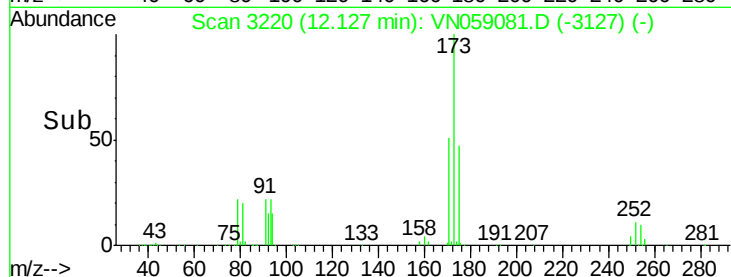
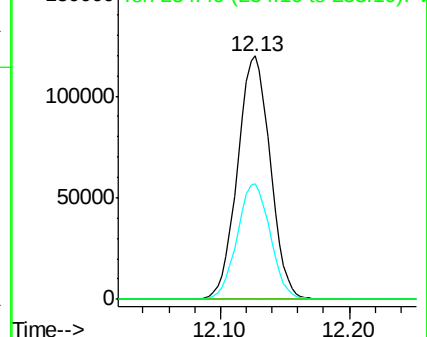
173 100

175 48.0 24.4 73.2

254 0.1 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

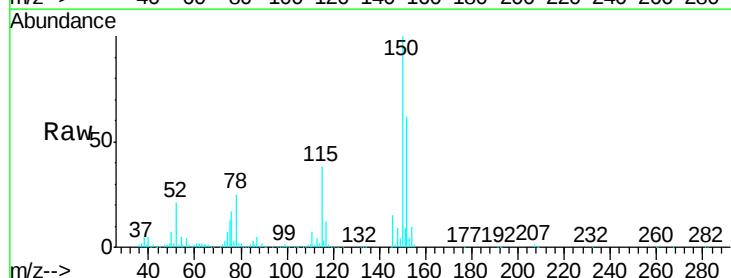
Tgt Ion:152 Resp: 336554

Ion Ratio Lower Upper

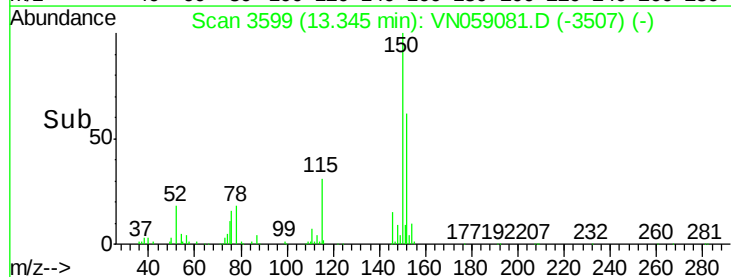
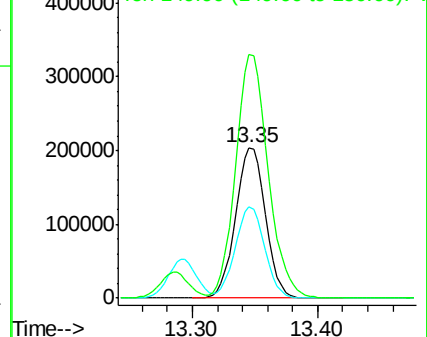
152 100

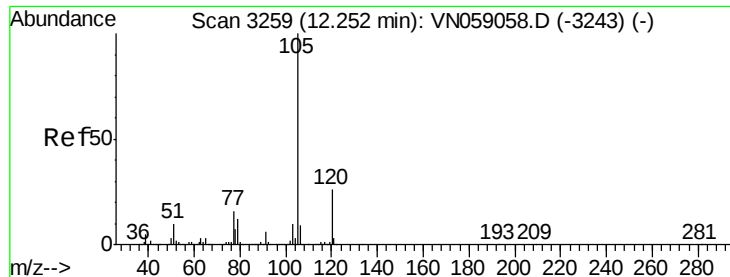
115 59.9 29.6 88.9

150 176.5 0.0 345.8



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





#73

Isopropylbenzene

Concen: 51.455 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

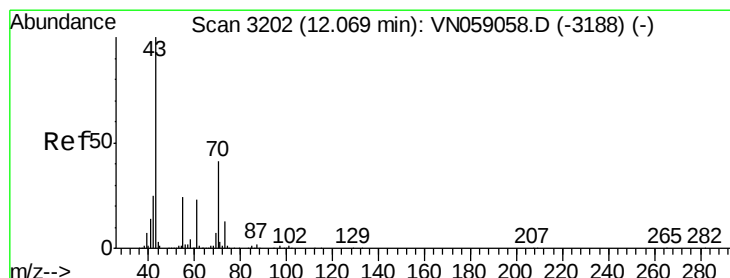
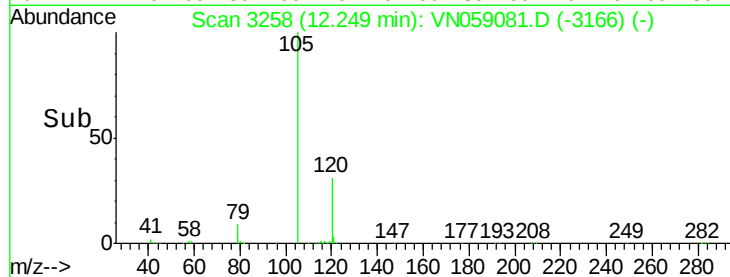
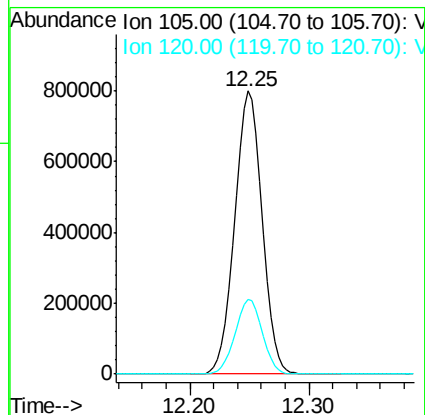
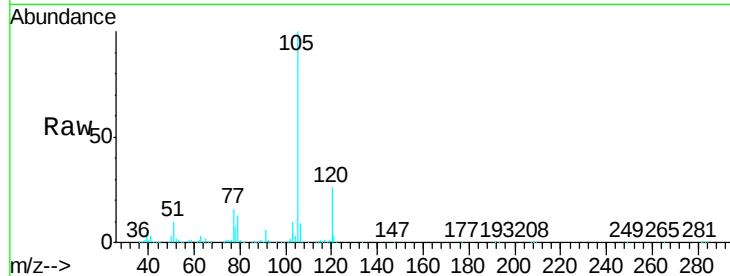
VSTDCCC050EC

Tgt Ion:105 Resp: 1273991

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.1



#74

N-ethyl acetate

Concen: 50.334 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Tgt Ion: 43 Resp: 554375

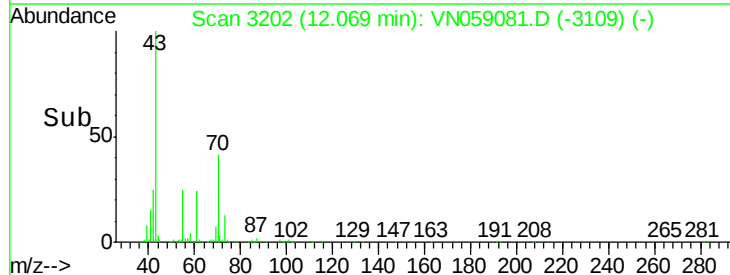
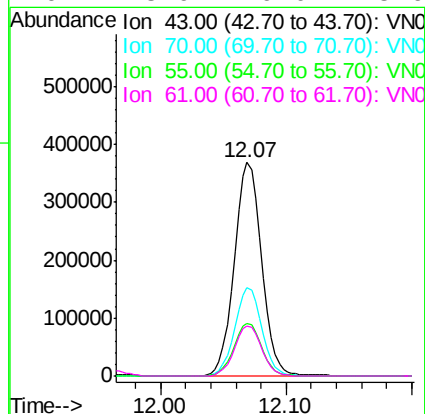
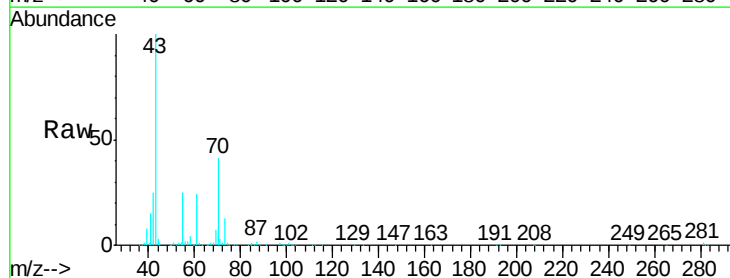
Ion Ratio Lower Upper

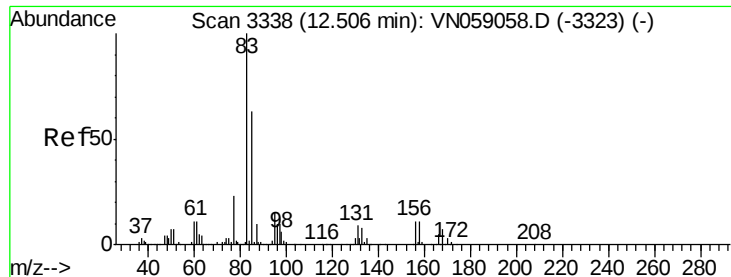
43 100

70 41.4 32.6 49.0

55 25.3 19.7 29.5

61 23.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.547 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

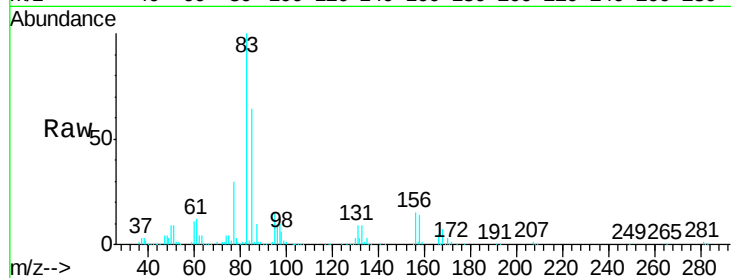
Tgt Ion: 83 Resp: 410537

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

85 63.9 31.9 95.9

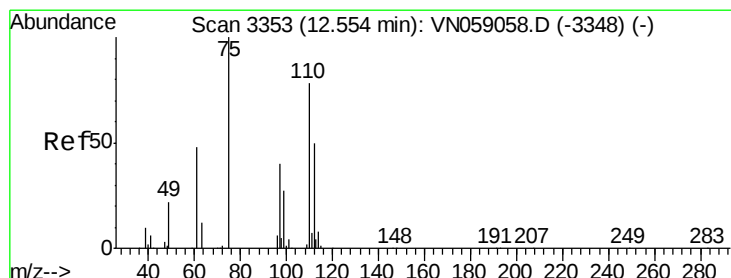
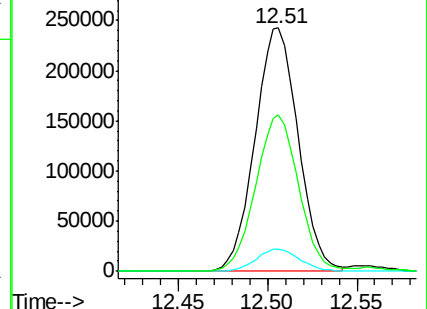
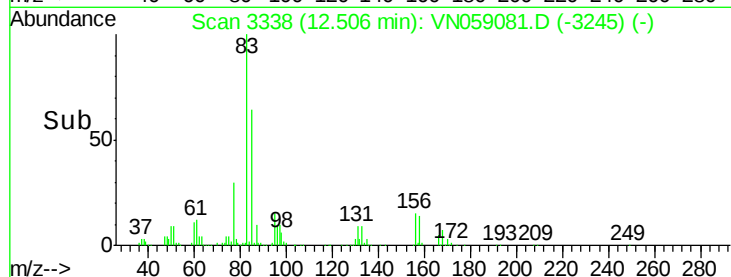


Abundance Ion 82.90 (82.60 to 83.60): VN059081.D (-3245) (-)

Ion 130.80 (130.50 to 131.50): VN059081.D (-3245) (-)

Ion 84.90 (84.60 to 85.60): VN059081.D (-3245) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 69.236 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059081.D

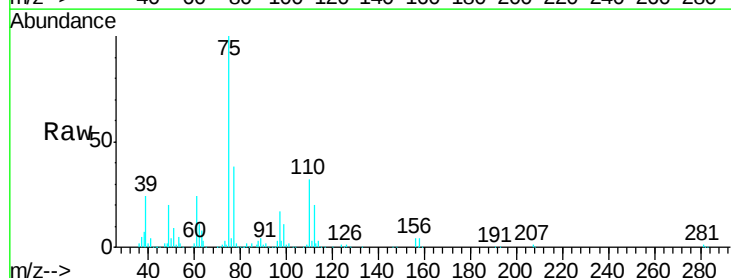
Acq: 4 Nov 2019 14:57

Tgt Ion: 75 Resp: 551412

Ion Ratio Lower Upper

75 100

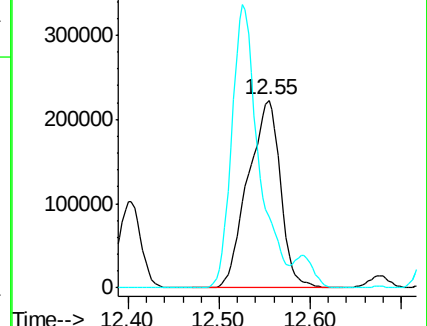
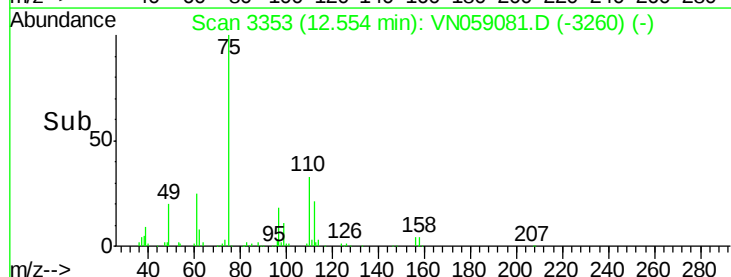
77 0.0 0.0 0.0

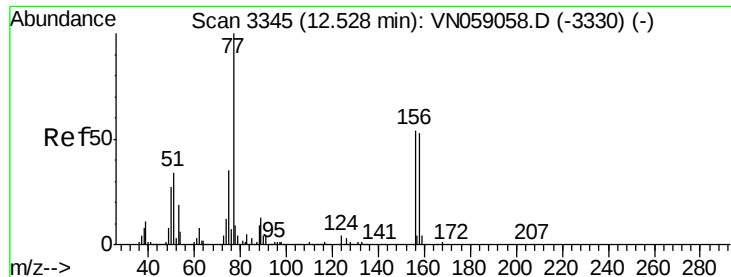


Abundance Ion 74.90 (74.60 to 75.60): VN059081.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN059081.D (-3260) (-)

Time-->





#77

Bromobenzene

Concen: 49.730 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

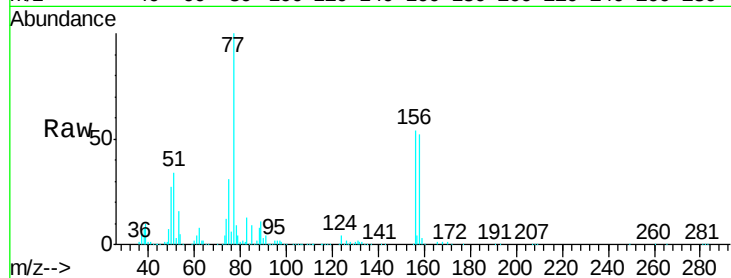
Tgt Ion:156 Resp: 307871

Ion Ratio Lower Upper

156 100

77 225.0 114.2 342.6

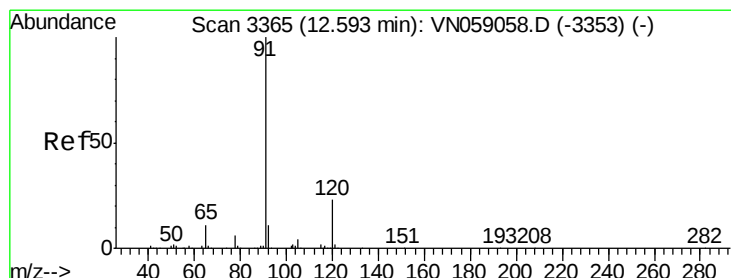
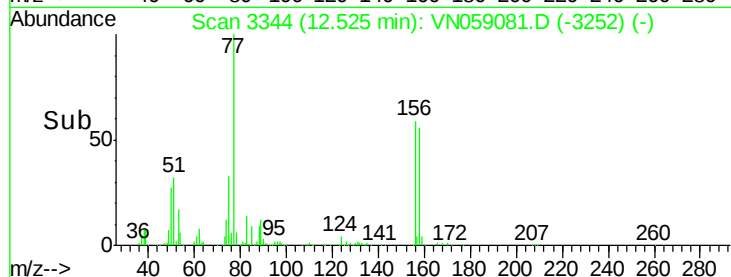
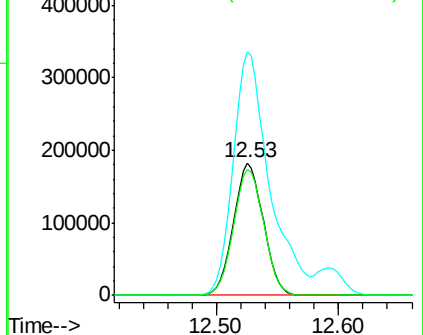
158 96.9 49.6 149.0



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: 52.683 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059081.D

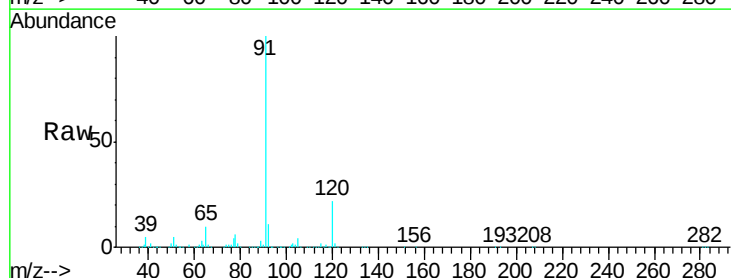
Acq: 4 Nov 2019 14:57

Tgt Ion: 91 Resp: 1510751

Ion Ratio Lower Upper

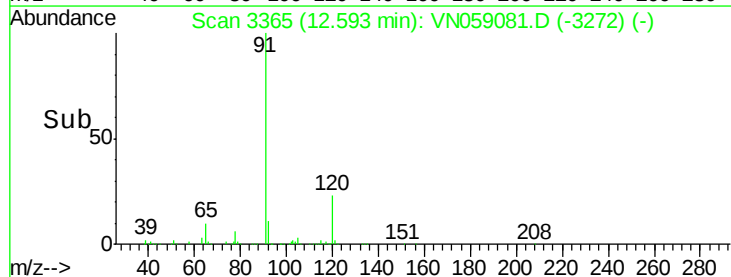
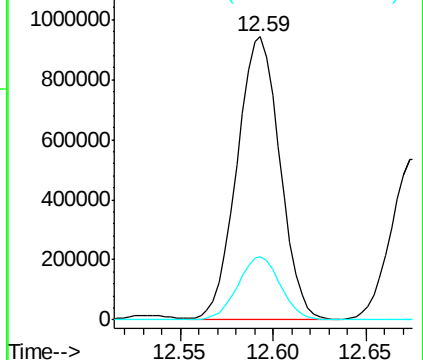
91 100

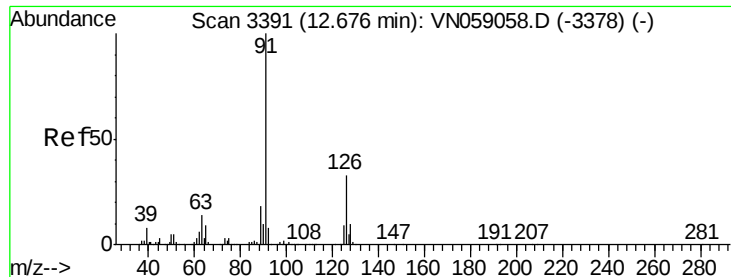
120 22.3 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.618 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Instrument :

MSVOA_N

ClientSampleId :

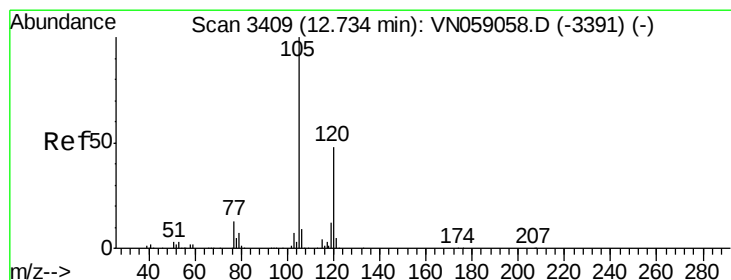
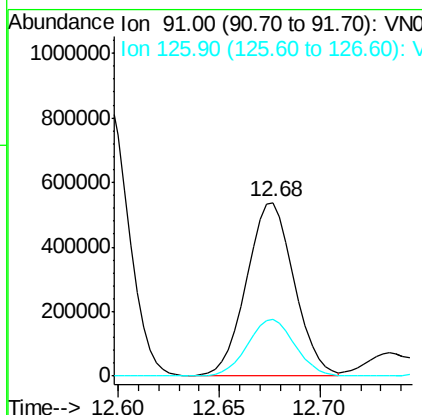
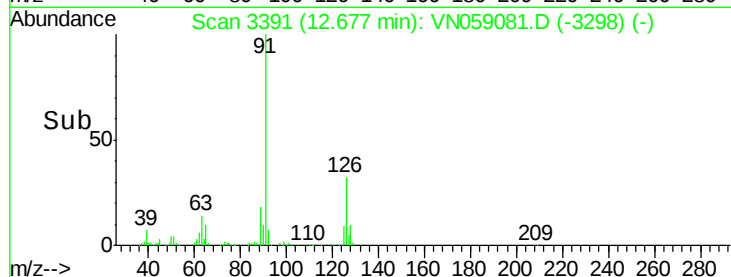
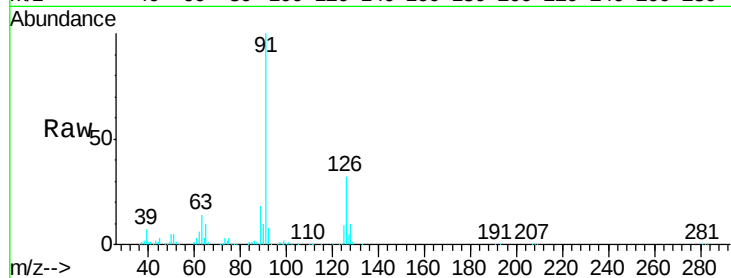
VSTDCCC050EC

Tgt Ion: 91 Resp: 883501

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 51.760 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN059081.D

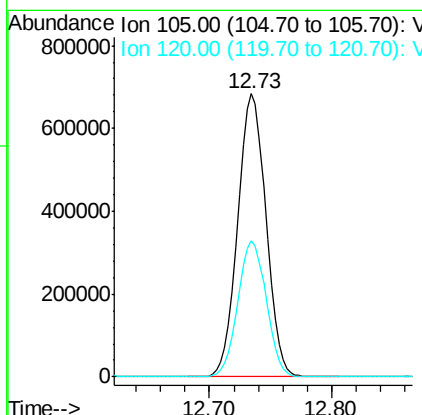
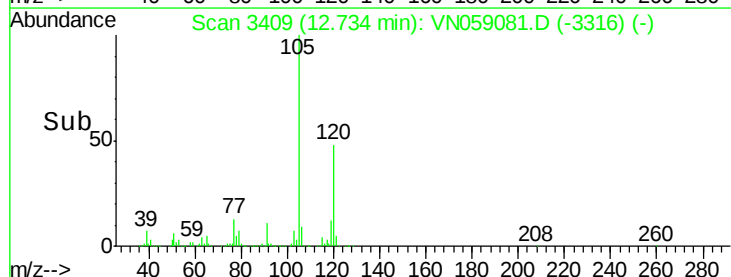
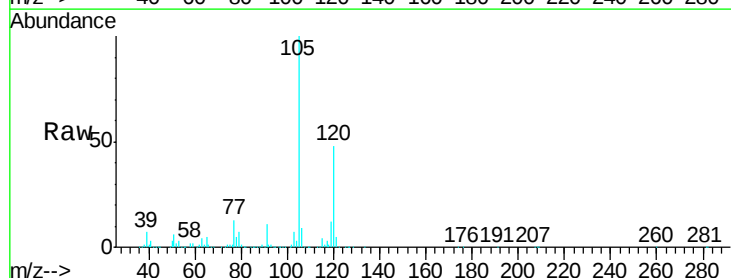
Acq: 4 Nov 2019 14:57

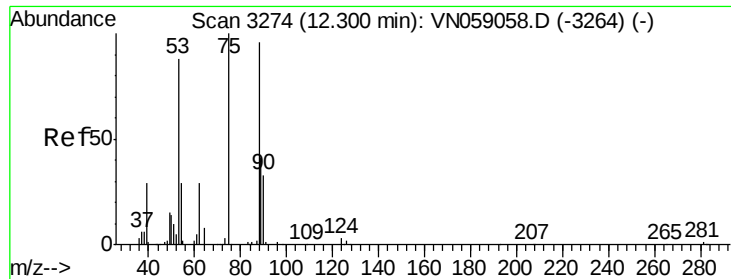
Tgt Ion: 105 Resp: 1089169

Ion Ratio Lower Upper

105 100

120 48.4 24.2 72.6

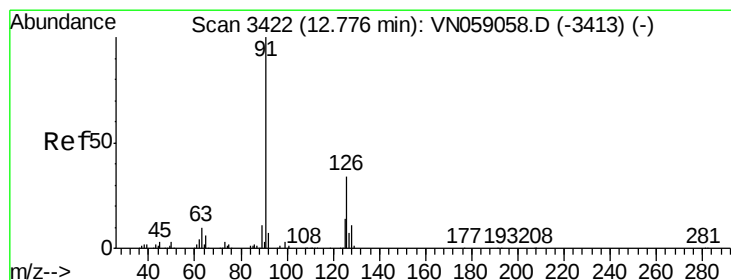
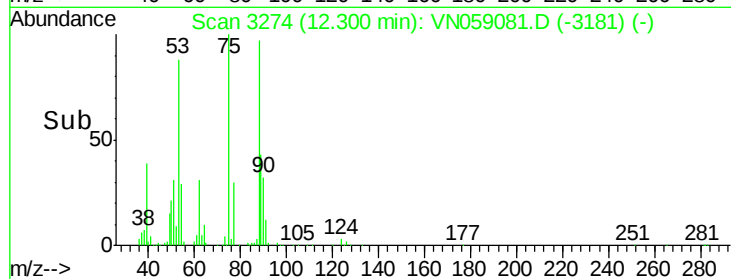
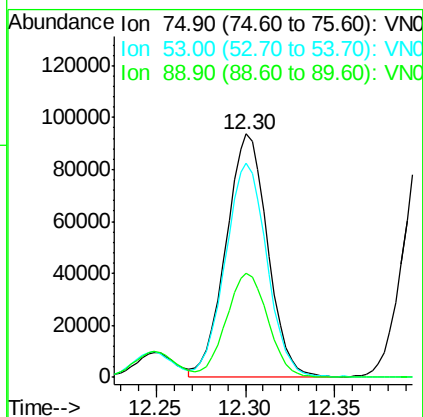
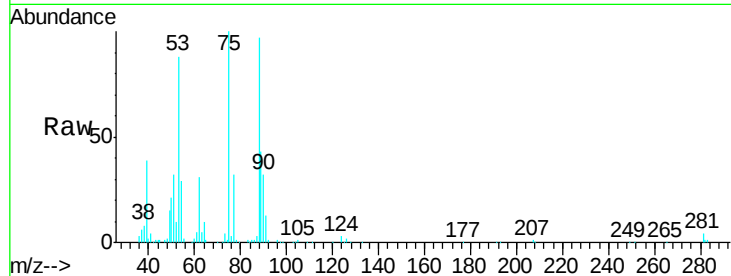




#81
trans-1,4-Dichloro-2-butene
Concen: 48.519 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. 0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

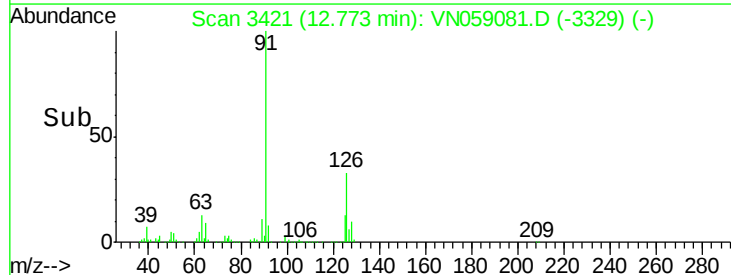
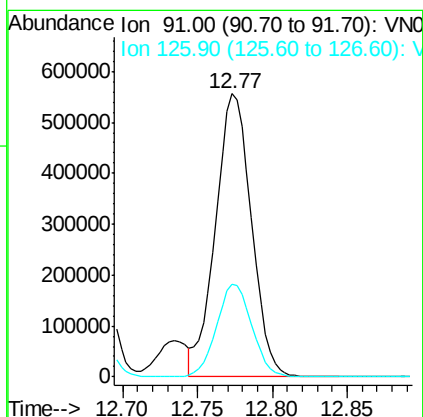
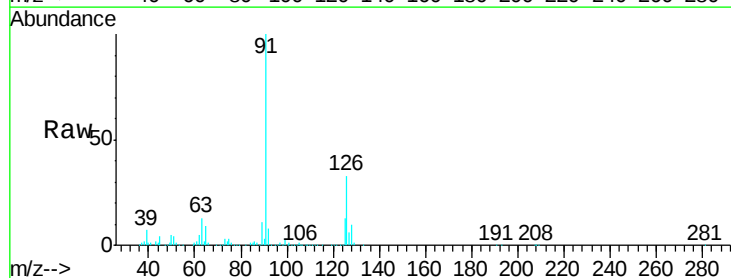
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

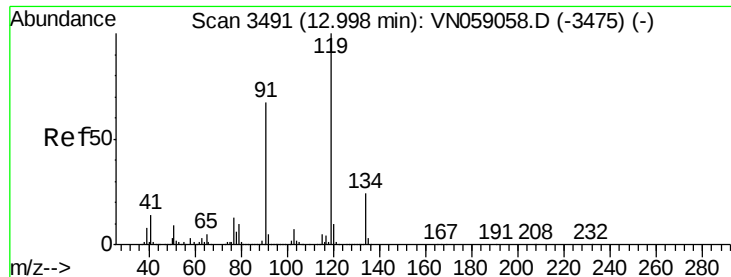
Tgt Ion: 75 Resp: 150736
Ion Ratio Lower Upper
75 100
53 88.5 70.4 105.6
89 43.6 34.2 51.2



#82
4-Chlorotoluene
Concen: 50.956 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

Tgt Ion: 91 Resp: 925989
Ion Ratio Lower Upper
91 100
126 32.3 16.0 47.9

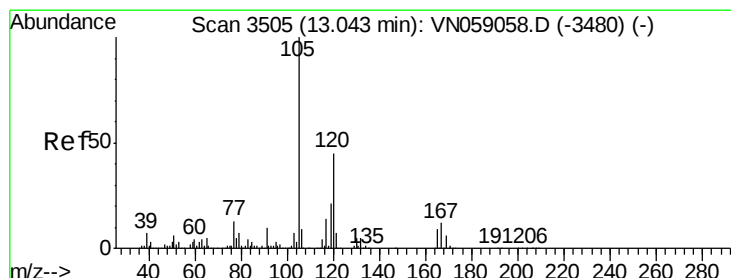
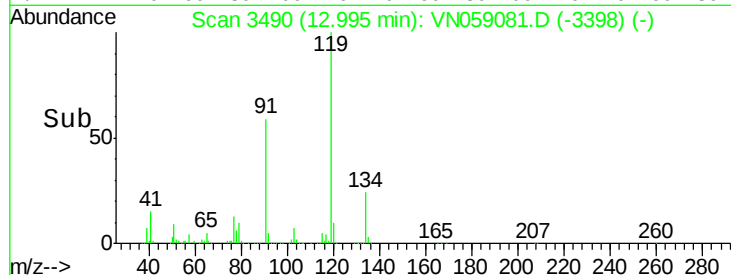
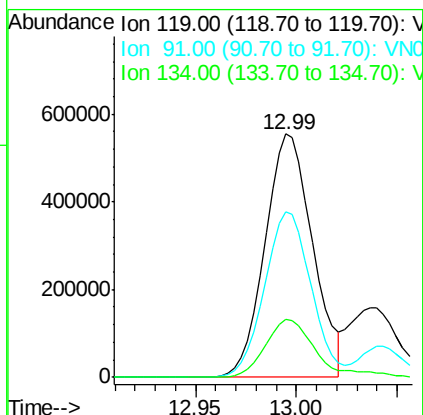
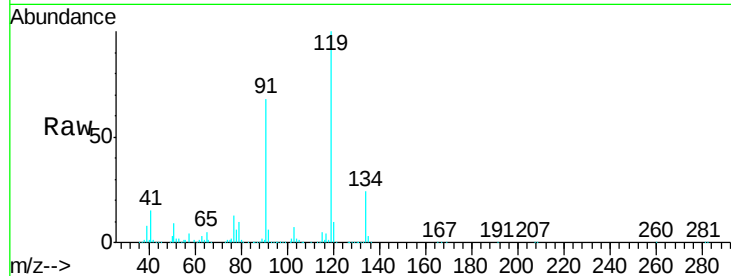




#83
 tert-Butylbenzene
 Concen: 50.913 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

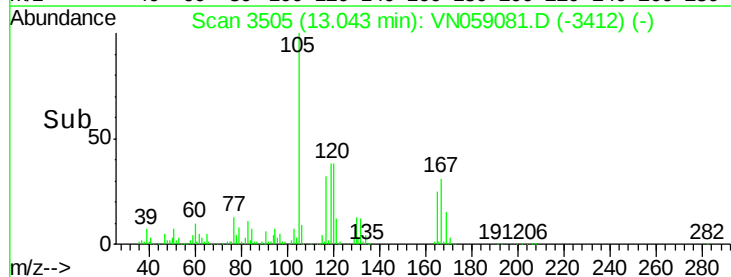
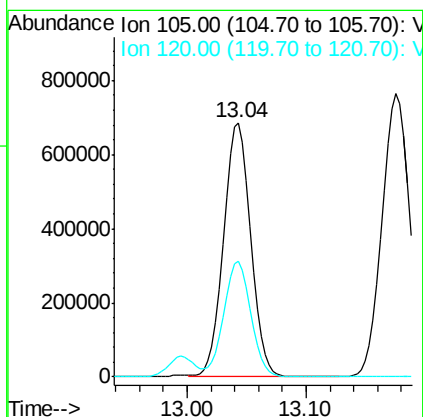
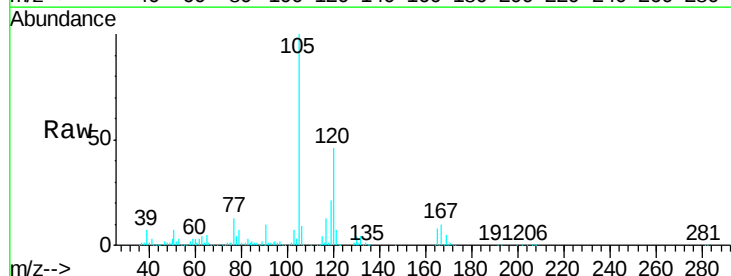
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

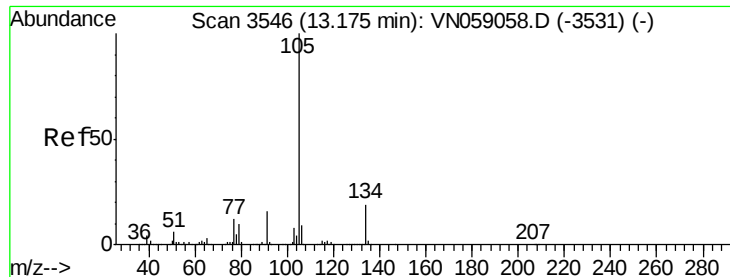
Tgt Ion:119 Resp: 910103
 Ion Ratio Lower Upper
 119 100
 91 66.3 33.7 101.0
 134 25.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 52.934 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Tgt Ion:105 Resp: 1082324
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.9

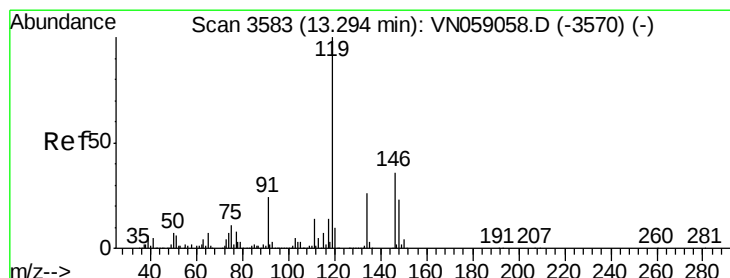
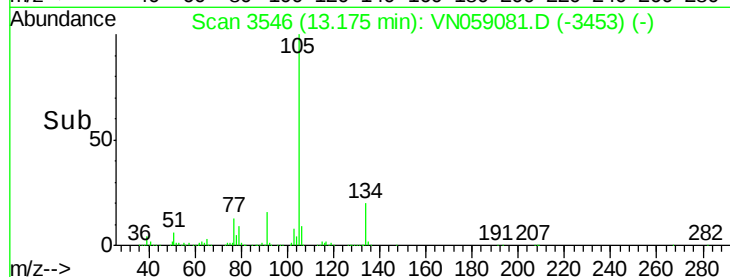
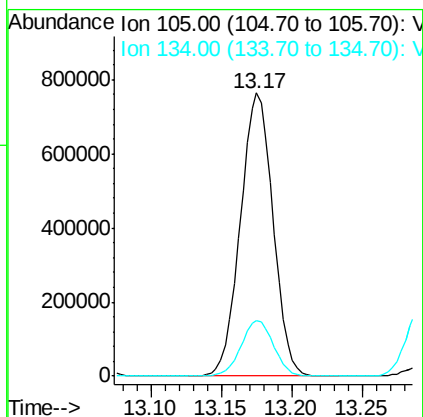
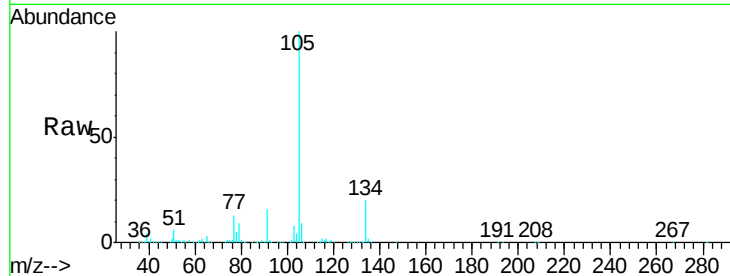




#85
 sec-Butylbenzene
 Concen: 52.838 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

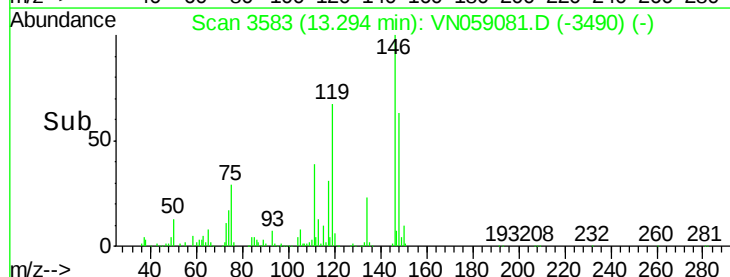
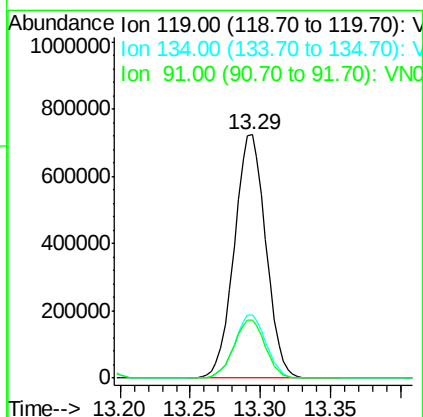
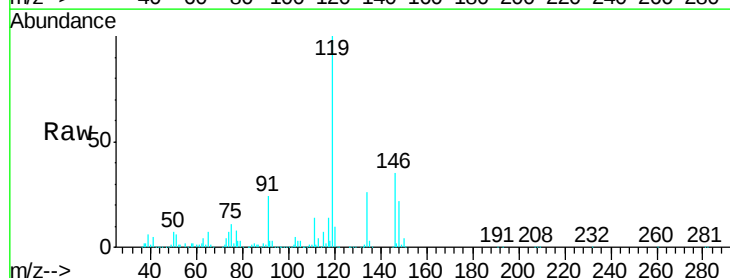
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

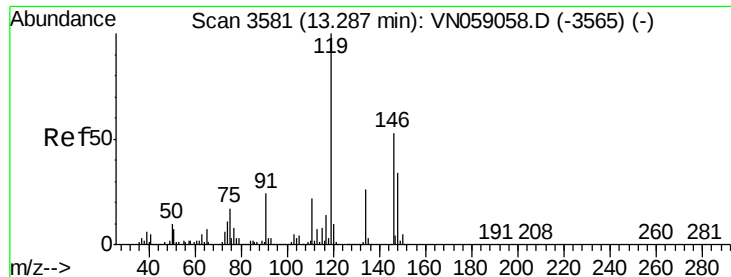
Tgt Ion:105 Resp: 1237879
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 53.657 ug/l
 RT: 13.29 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Tgt Ion:119 Resp: 1133313
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 39.0
 91 23.6 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 50.142 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

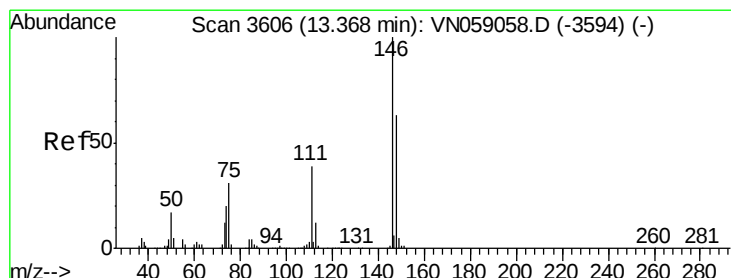
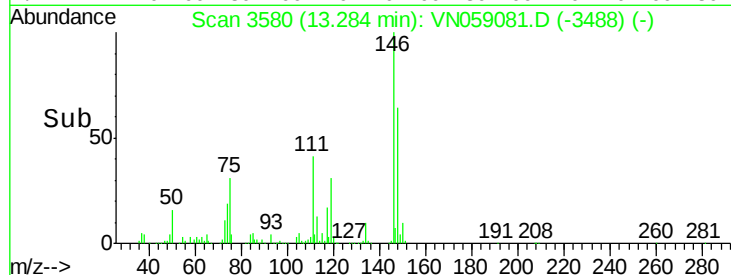
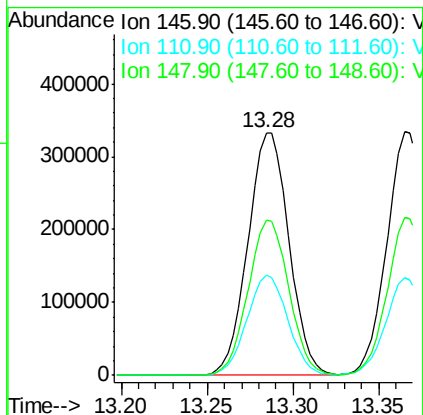
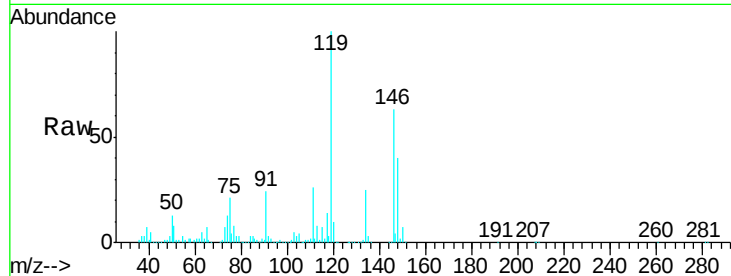
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	146	Resp:	551540
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.5	61.5
148	63.6	31.8	95.3



#88

1,4-Dichlorobenzene

Concen: 50.541 ug/l

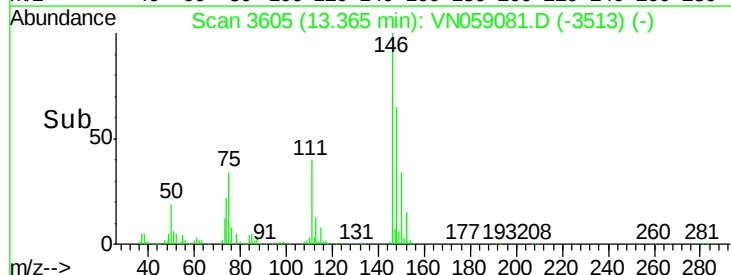
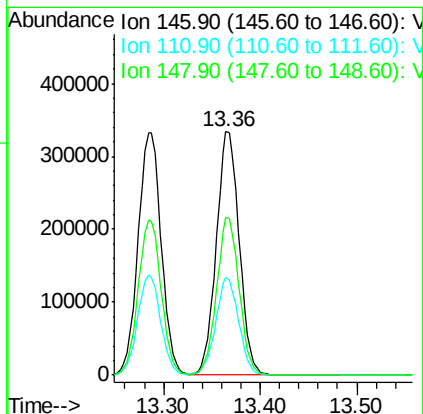
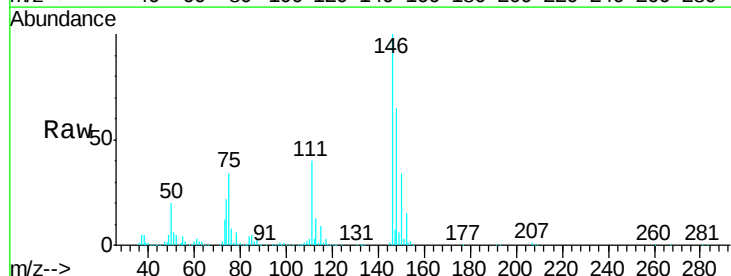
RT: 13.36 min Scan# 3605

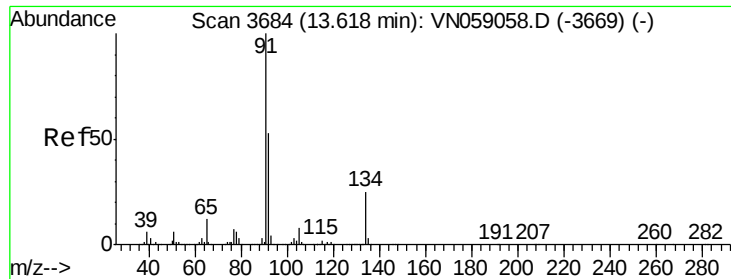
Delta R.T. -0.00 min

Lab File: VN059081.D

Acq: 4 Nov 2019 14:57

Tgt Ion:	146	Resp:	549912
Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.1	60.2
148	63.7	31.9	95.7

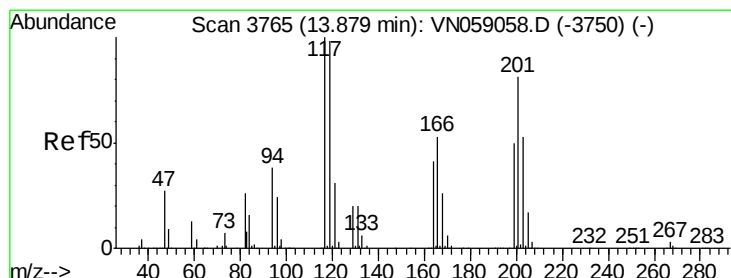
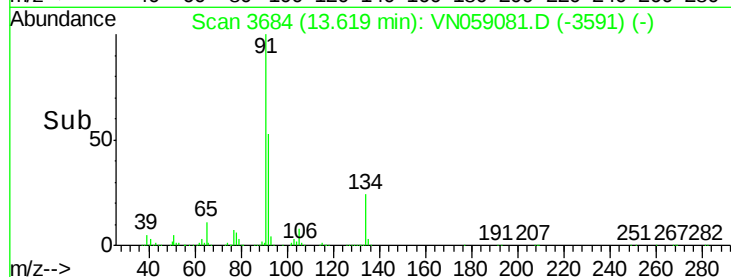
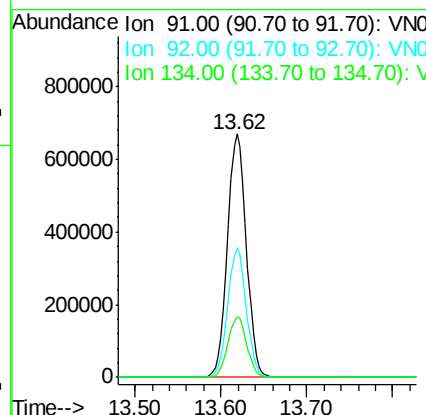
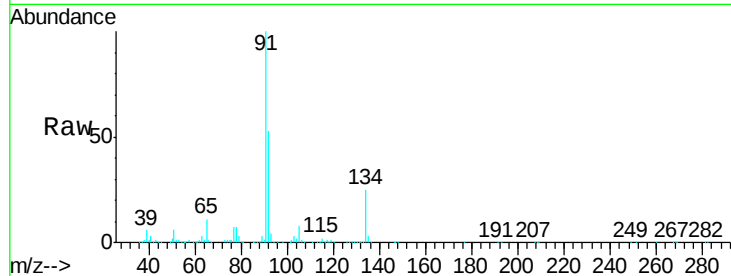




#89
n-Butylbenzene
Concen: 55.540 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

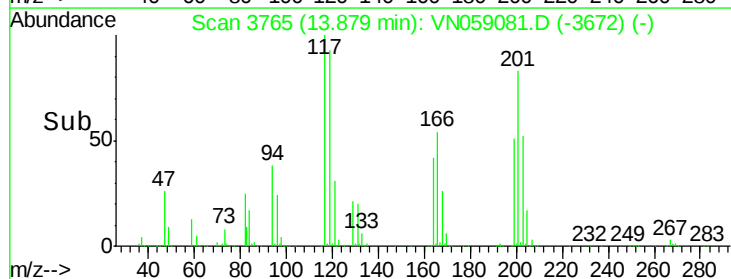
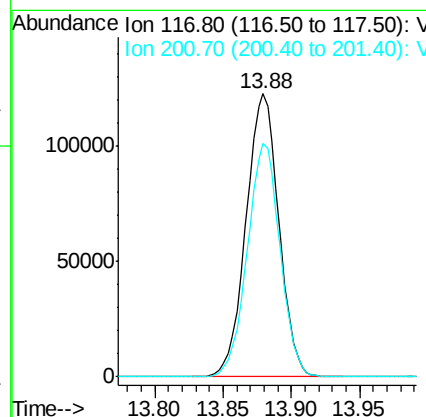
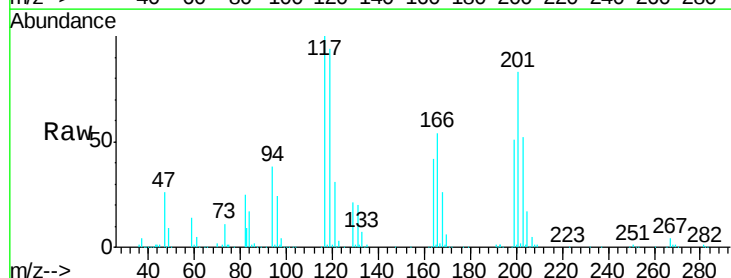
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

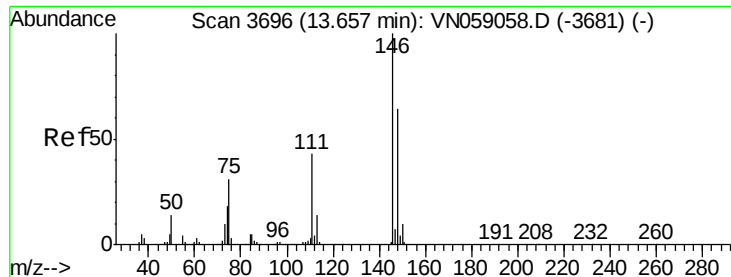
Tgt Ion: 91 Resp: 1022179
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 24.9 12.5 37.5



#90
Hexachloroethane
Concen: 48.693 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

Tgt Ion: 117 Resp: 204442
Ion Ratio Lower Upper
117 100
201 82.2 40.7 122.1

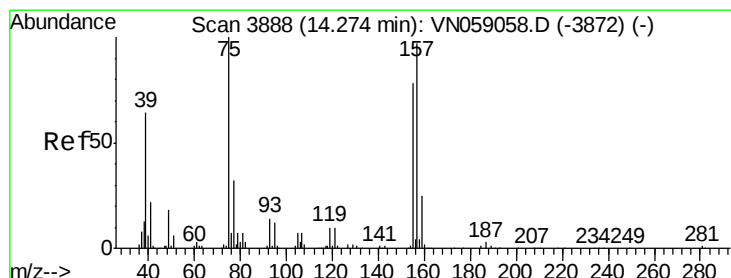
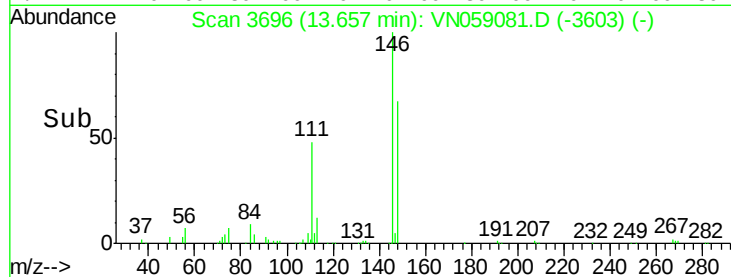
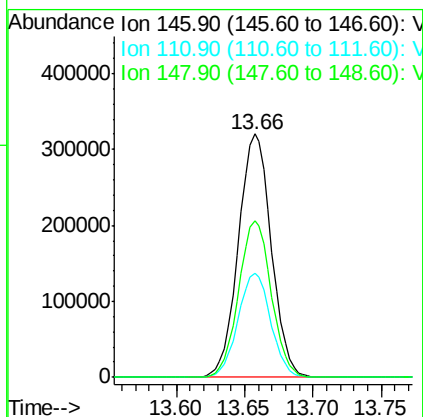
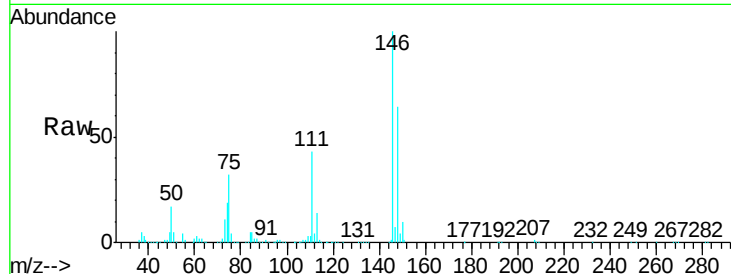




#91
 1,2-Dichlorobenzene
 Concen: 48.979 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

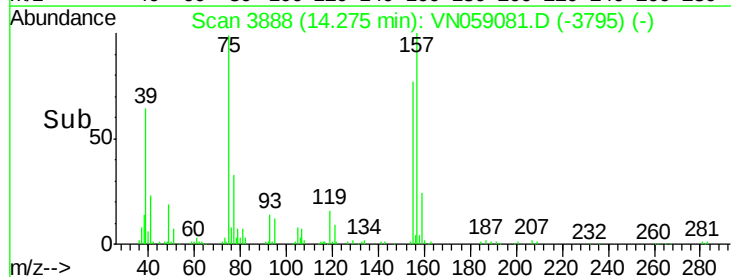
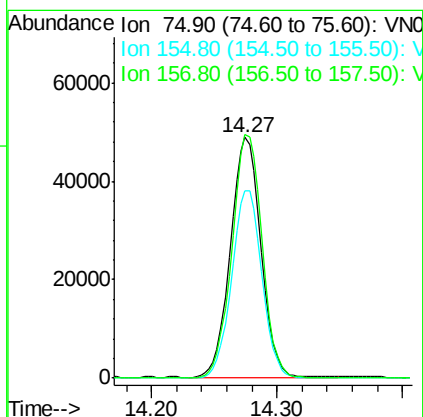
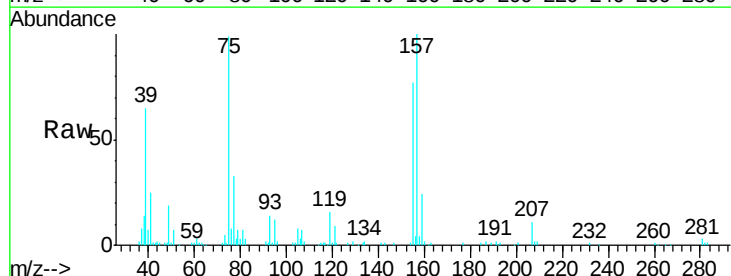
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

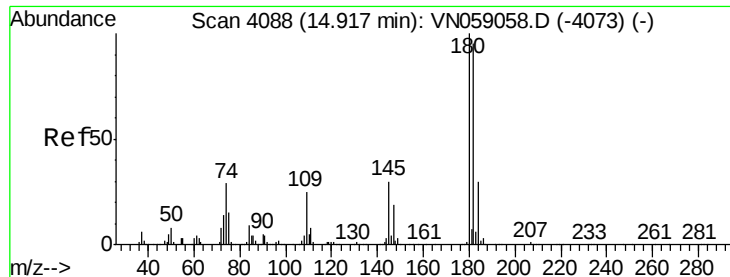
Tgt Ion:146 Resp: 536070
 Ion Ratio Lower Upper
 146 100
 111 42.6 21.2 63.6
 148 64.0 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.971 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Tgt Ion: 75 Resp: 81864
 Ion Ratio Lower Upper
 75 100
 155 77.8 39.7 119.1
 157 100.7 51.0 153.0

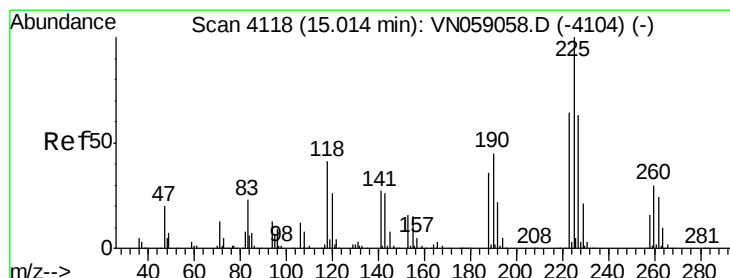
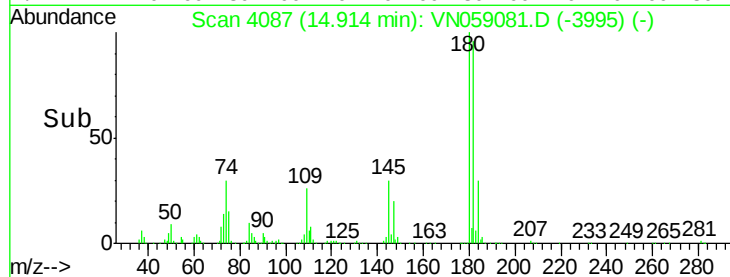
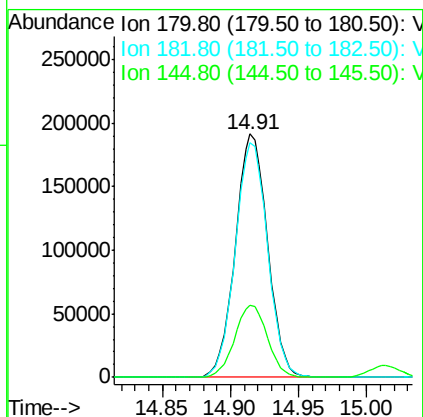
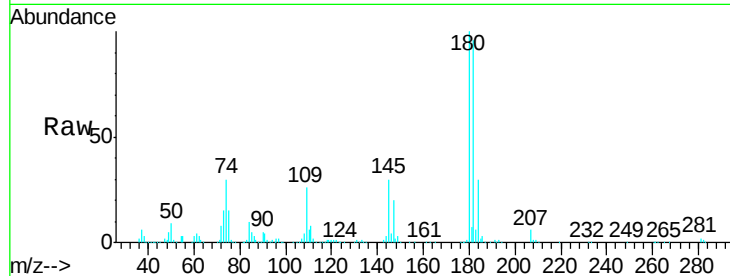




#93
 1,2,4-Trichlorobenzene
 Concen: 53.124 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

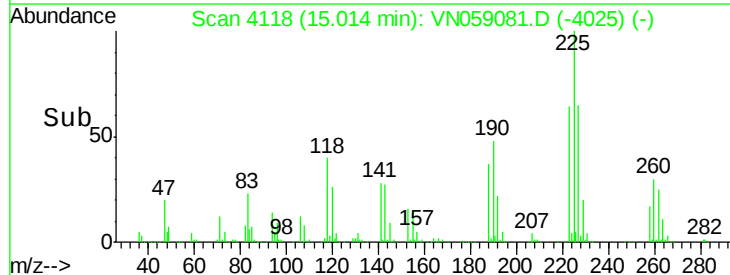
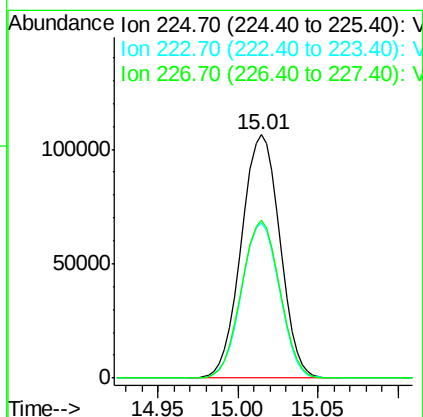
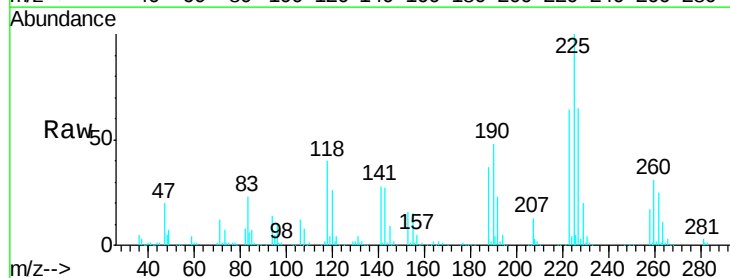
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

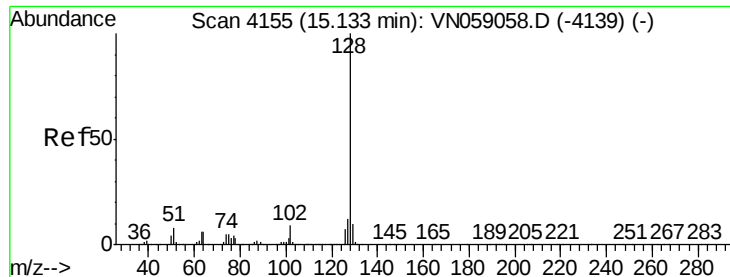
Tgt Ion:180 Resp: 313605
 Ion Ratio Lower Upper
 180 100
 182 96.9 47.8 143.4
 145 30.0 15.1 45.3



#94
 Hexachlorobutadiene
 Concen: 49.244 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059081.D
 Acq: 4 Nov 2019 14:57

Tgt Ion:225 Resp: 174470
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.6 95.0
 227 64.6 31.9 95.7

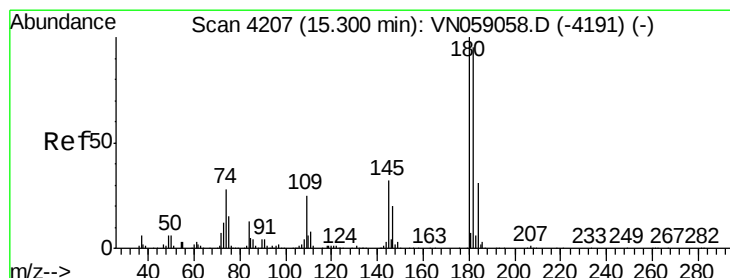
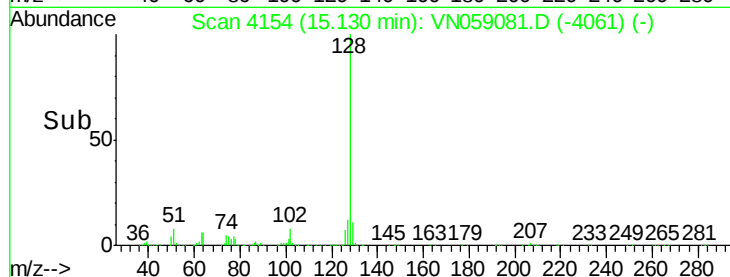
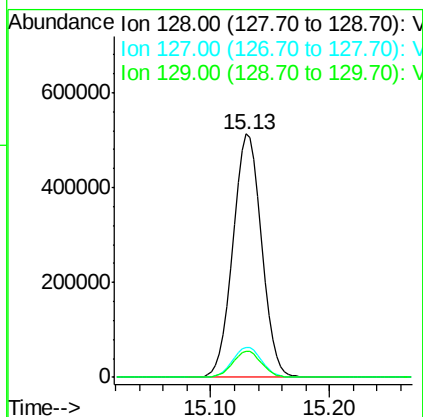
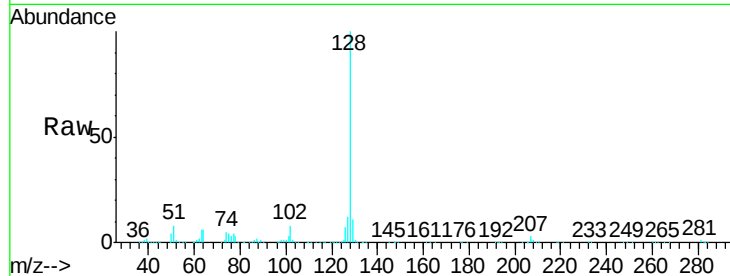




#95
Naphthalene
Concen: 46.732 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 856058
Ion Ratio Lower Upper
128 100
127 12.5 9.9 14.9
129 10.7 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 51.230 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN059081.D
Acq: 4 Nov 2019 14:57

Tgt Ion:180 Resp: 307790
Ion Ratio Lower Upper
180 100
182 94.4 47.7 143.1
145 31.1 16.0 48.0

