

Data File : VN059938.D
Acq On : 31 Jan 2020 10:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Feb 03 01:17:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	185707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	283370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	259959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	130397	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101019	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	7.56	113	85182	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.08	98	324519	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.40	95	121463	51.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.92%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	96383	43.958 ug/l	95
3) Chloromethane	2.04	50	91907	43.228 ug/l	96
4) Vinyl Chloride	2.17	62	120120	49.379 ug/l	99
5) Bromomethane	2.54	94	72126	48.584 ug/l	96
6) Chloroethane	2.68	64	56726	49.289 ug/l	99
7) Trichlorofluoromethane	3.00	101	143942	49.271 ug/l	97
8) Diethyl Ether	3.38	74	52497	51.204 ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.74	101	85568	52.626 ug/l	93
10) Methyl Iodide	3.93	142	114565	43.590 ug/l	95
11) Tert butyl alcohol	4.72	59	69915	201.379 ug/l	99
12) 1,1-Dichloroethene	3.72	96	80559	47.415 ug/l	90
13) Acrolein	3.57	56	38107	155.056 ug/l	95
14) Allyl chloride	4.29	41	113011	49.348 ug/l	# 85
15) Acrylonitrile	4.94	53	190765	240.881 ug/l	100
16) Acetone	3.78	43	234303	336.567 ug/l	96
17) Carbon Disulfide	4.03	76	199880	41.298 ug/l	100
18) Methyl Acetate	4.28	43	117656	48.842 ug/l	92
19) Methyl tert-butyl Ether	5.00	73	281455	50.808 ug/l	95
20) Methylene Chloride	4.52	84	92301	49.454 ug/l	89
21) trans-1,2-Dichloroethene	5.00	96	86094	47.670 ug/l	88
22) Diisopropyl ether	5.91	45	265789	51.214 ug/l	95
23) Vinyl Acetate	5.85	43	1003340	249.703 ug/l	95
24) 1,1-Dichloroethane	5.82	63	159839	50.405 ug/l	97
25) 2-Butanone	6.79	43	289338	247.746 ug/l	92
26) 2,2-Dichloropropane	6.79	77	154633	50.723 ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	104916	50.507 ug/l	89
28) Bromochloromethane	7.17	49	64724	51.067 ug/l	# 78
29) Tetrahydrofuran	7.18	42	159885	221.266 ug/l	89
30) Chloroform	7.34	83	171808	52.291 ug/l	98
31) Cyclohexane	7.63	56	133012	43.591 ug/l	91
32) 1,1,1-Trichloroethane	7.54	97	154105	50.727 ug/l	97
36) 1,1-Dichloropropene	7.77	75	123667	50.114 ug/l	96
37) Ethyl Acetate	6.89	43	106234	45.900 ug/l	97
38) Carbon Tetrachloride	7.75	117	137583	51.254 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	144716	47.561	ug/l	92
40) Benzene	8.02	78	366160	49.753	ug/l	99
41) Methacrylonitrile	7.18	41	150301	131.842	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	133353	53.442	ug/l	97
43) Isopropyl Acetate	8.14	43	187920	47.204	ug/l #	95
44) Trichloroethene	8.81	130	107182	53.349	ug/l	93
45) 1,2-Dichloropropane	9.10	63	95448	52.412	ug/l	98
46) Dibromomethane	9.19	93	66298	51.608	ug/l	92
47) Bromodichloromethane	9.38	83	139637	53.940	ug/l	100
48) Methyl methacrylate	9.18	41	82996	46.609	ug/l	88
49) 1,4-Dioxane	9.18	88	28937	887.692	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	544150	236.454	ug/l	95
52) Toluene	10.14	92	239858	51.598	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	153797	53.207	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	165003	54.252	ug/l	93
55) 1,1,2-Trichloroethane	10.55	97	96099	52.196	ug/l	97
56) Ethyl methacrylate	10.42	69	138349	49.178	ug/l	93
57) 1,3-Dichloropropane	10.70	76	155402	53.165	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	260312	307.204	ug/l	92
59) 2-Hexanone	10.74	43	429040	253.066	ug/l	94
60) Dibromochloromethane	10.89	129	114618	54.668	ug/l	100
61) 1,2-Dibromoethane	10.99	107	99057	51.332	ug/l	99
64) Tetrachloroethene	10.62	164	107097	50.549	ug/l	97
65) Chlorobenzene	11.43	112	265738	52.008	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	104285	52.820	ug/l	99
67) Ethyl Benzene	11.50	91	476484	51.370	ug/l	98
68) m/p-Xylenes	11.61	106	359624	102.640	ug/l	95
69) o-Xylene	11.94	106	172653	50.333	ug/l	97
70) Styrene	11.96	104	293915	51.206	ug/l	97
71) Bromoform	12.12	173	84786	53.612	ug/l #	99
73) Isopropylbenzene	12.24	105	474405	49.607	ug/l	99
74) N-amyl acetate	12.06	43	170604	45.975	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	131855	47.560	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	181001	82.481	ug/l #	100
77) Bromobenzene	12.52	156	120477	49.747	ug/l	83
78) n-propylbenzene	12.59	91	542808	50.570	ug/l	97
79) 2-Chlorotoluene	12.67	91	314849	49.307	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	402597	50.058	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	49867	48.800	ug/l	96
82) 4-Chlorotoluene	12.77	91	329714	51.479	ug/l	96
83) tert-Butylbenzene	12.99	119	343290	49.352	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	398430	50.074	ug/l	98
85) sec-Butylbenzene	13.17	105	463070	50.670	ug/l	100
86) p-Isopropyltoluene	13.28	119	430113	50.863	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	218955	52.048	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	218113	51.973	ug/l	98
89) n-Butylbenzene	13.61	91	380751	52.807	ug/l	99
90) Hexachloroethane	13.87	117	80071	50.608	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	211248	50.795	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26975	45.128	ug/l	85

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN013120\
Quantitation Report (Not Reviewed)

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QLast Update : Sat Jan 18 03:09:32 2020
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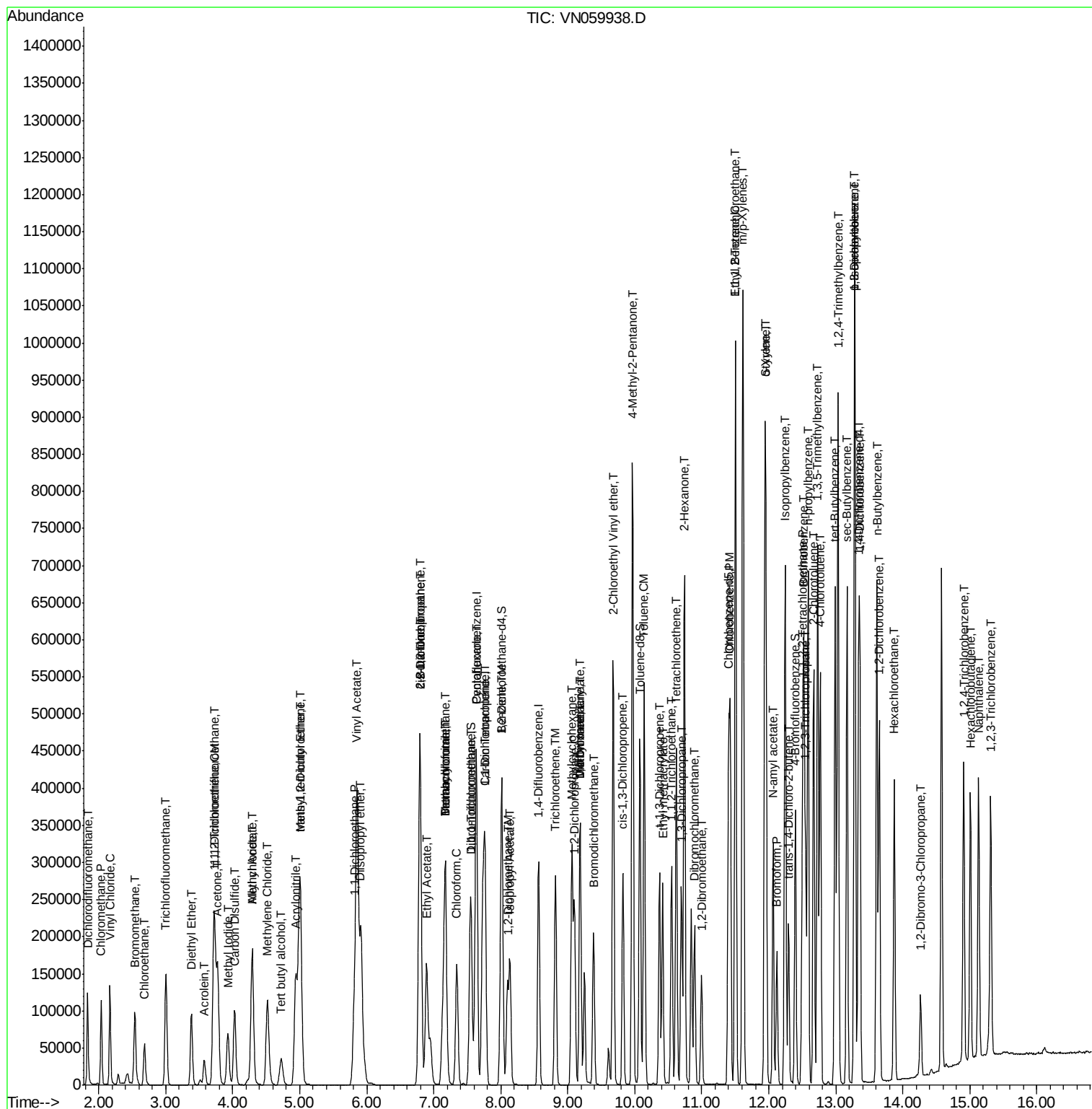
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	130832	52.354	ug/l	98
94) Hexachlorobutadiene	15.01	225	69684	50.602	ug/l	99
95) Naphthalene	15.13	128	325324	45.769	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	122557	50.385	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. -0.00 min

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MSVOA_N

ClientSampleId :

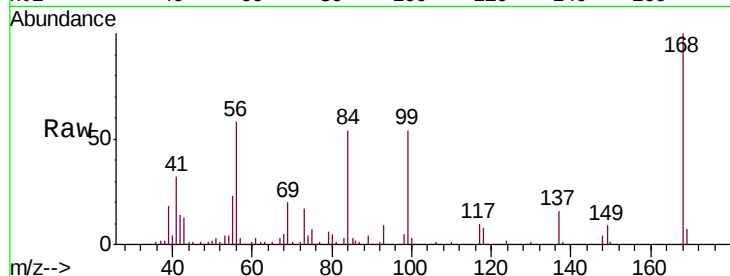
VSTDCCC050

Tgt Ion:168 Resp: 185707

Ion Ratio Lower Upper

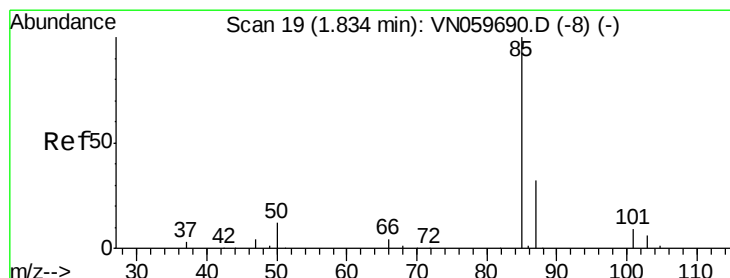
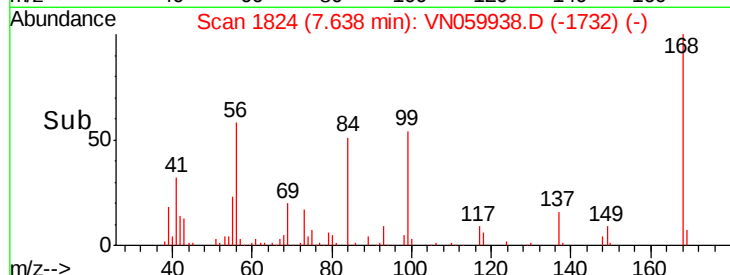
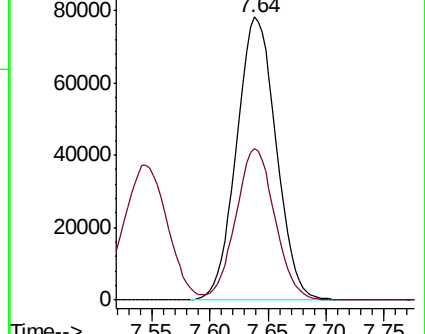
168 100

99 53.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 43.958 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059938.D

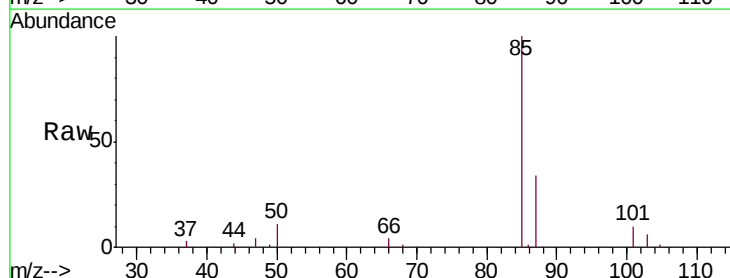
Acq: 31 Jan 2020 10:54

Tgt Ion: 85 Resp: 96383

Ion Ratio Lower Upper

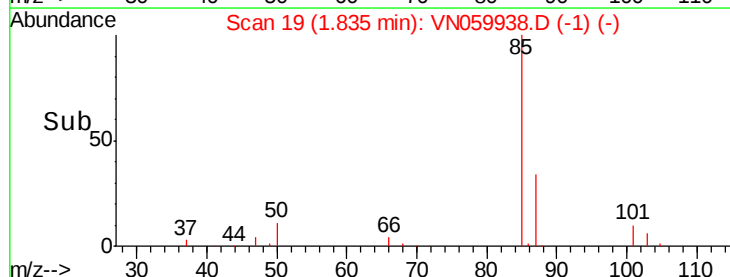
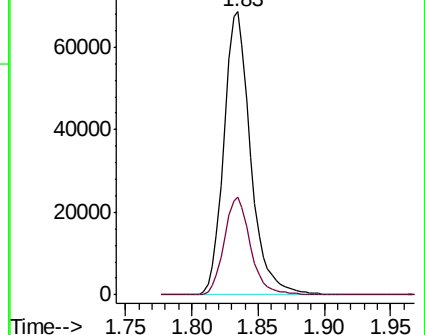
85 100

87 34.4 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 43.228 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

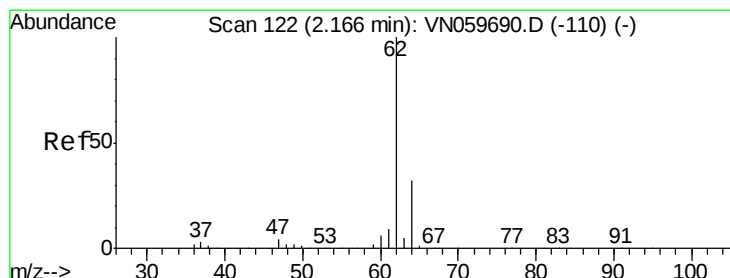
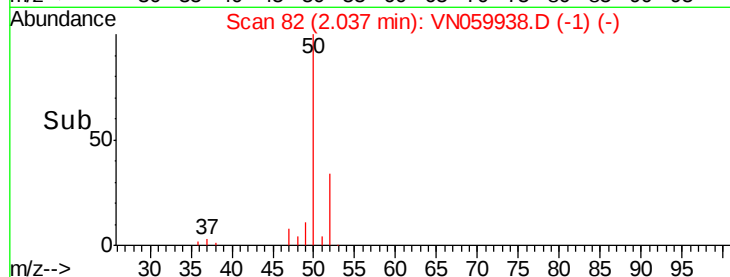
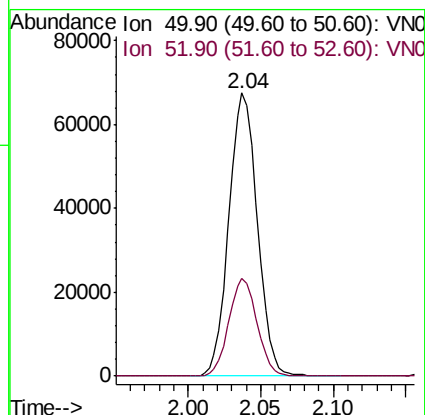
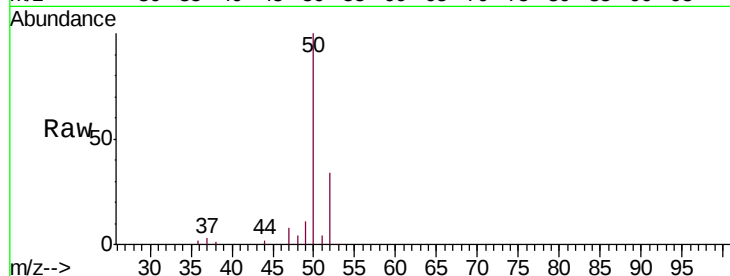
VSTDCCC050

Tgt Ion: 50 Resp: 91907

Ion Ratio Lower Upper

50 100

52 34.4 25.9 38.9



#4

Vinyl Chloride

Concen: 49.379 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059938.D

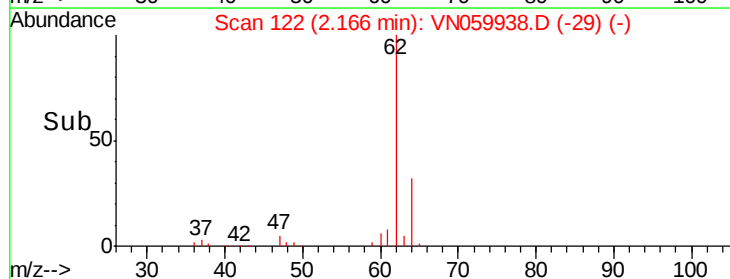
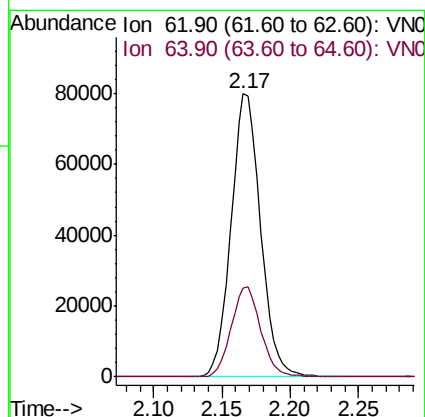
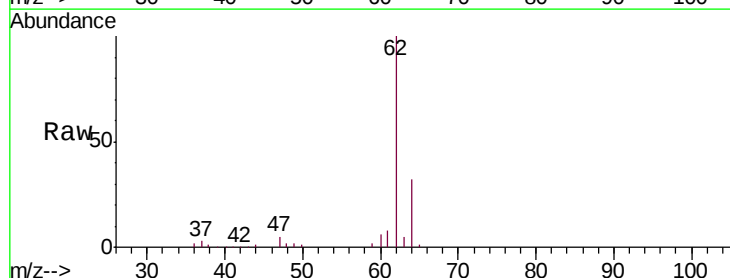
Acq: 31 Jan 2020 10:54

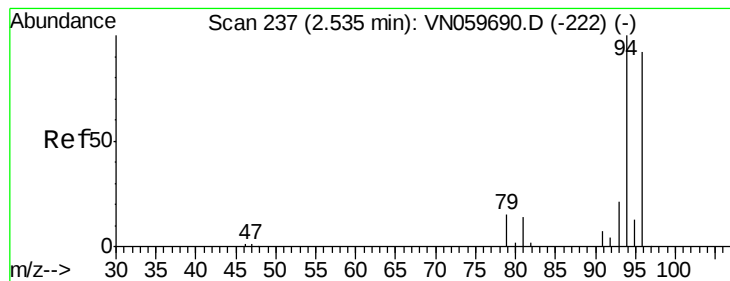
Tgt Ion: 62 Resp: 120120

Ion Ratio Lower Upper

62 100

64 31.6 24.6 37.0





#5

Bromomethane

Concen: 48.584 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

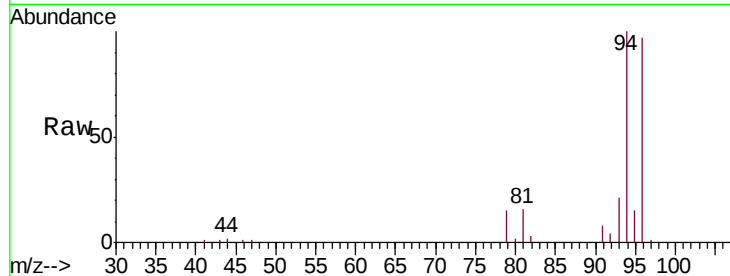
VSTDCCC050

Tgt Ion: 94 Resp: 72126

Ion Ratio Lower Upper

94 100

96 97.1 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN059938.D (-222) (-)

Ion 95.90 (95.60 to 96.60): VN059938.D (-222) (-)

2.54

40000

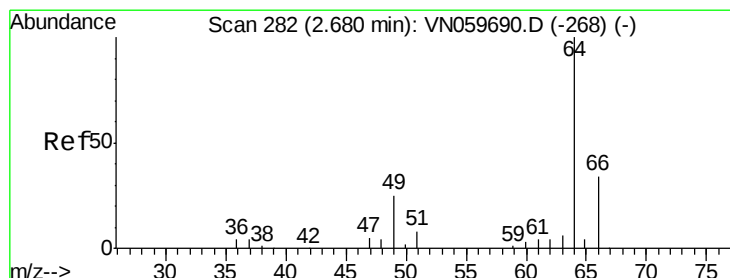
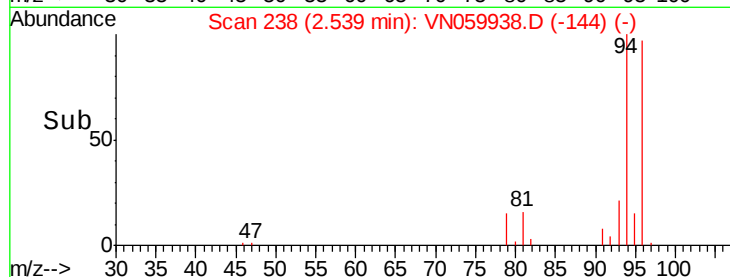
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 49.289 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059938.D

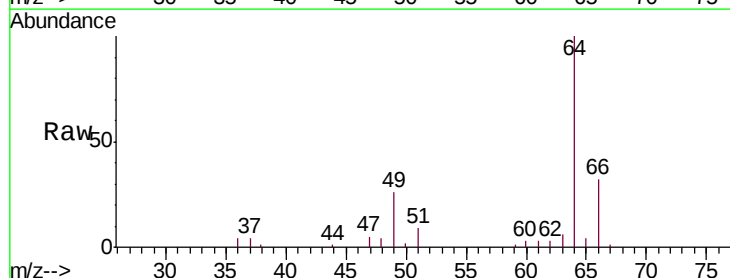
Acq: 31 Jan 2020 10:54

Tgt Ion: 64 Resp: 56726

Ion Ratio Lower Upper

64 100

66 31.8 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN059938.D (-268) (-)

Ion 65.90 (65.60 to 66.60): VN059938.D (-268) (-)

2.68

30000

25000

20000

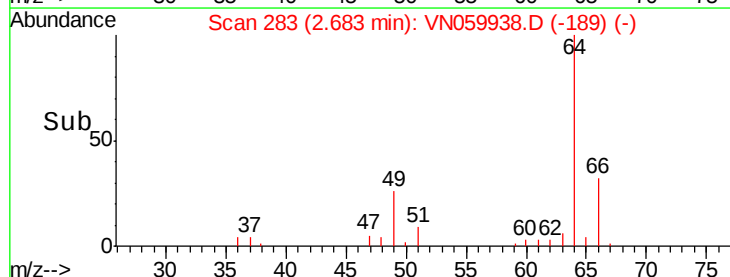
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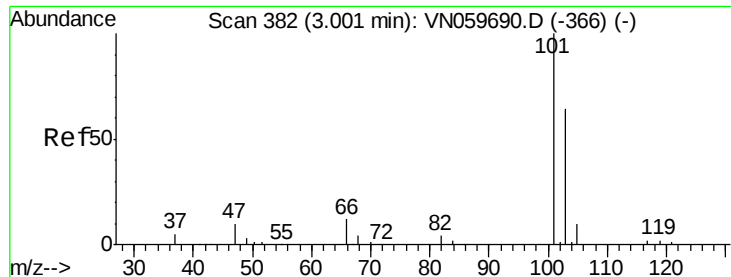
10000

5000

0

Time-->



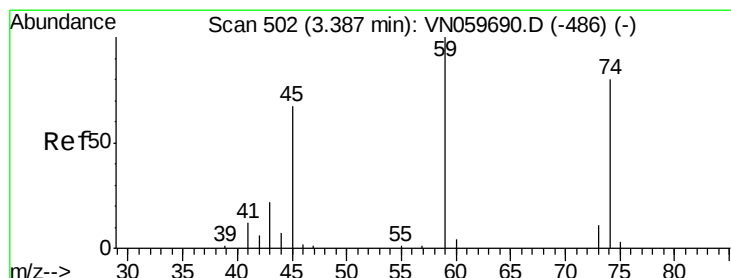
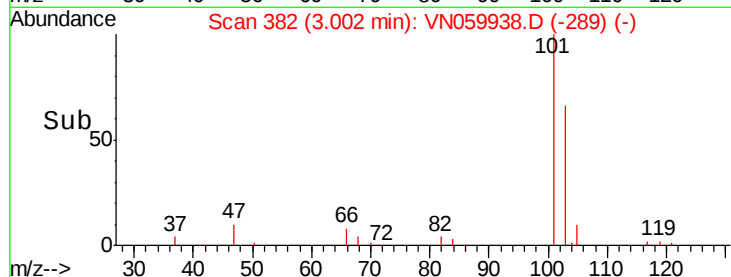
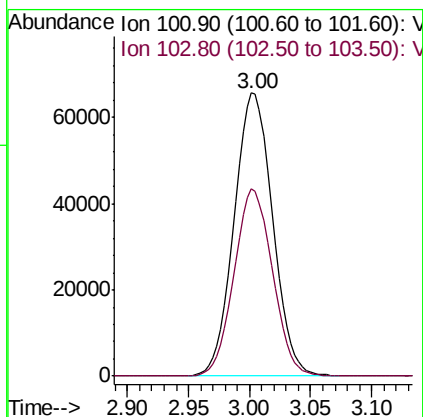
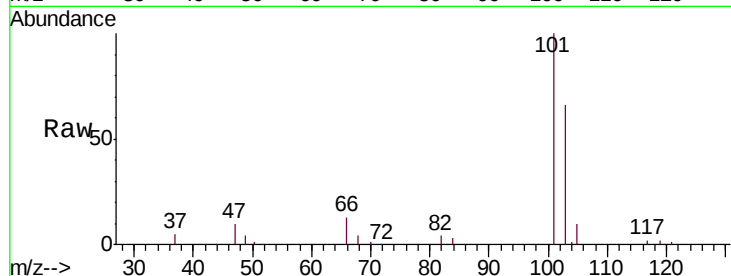


#7

Trichlorofluoromethane
 Concen: 49.271 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN059938.D
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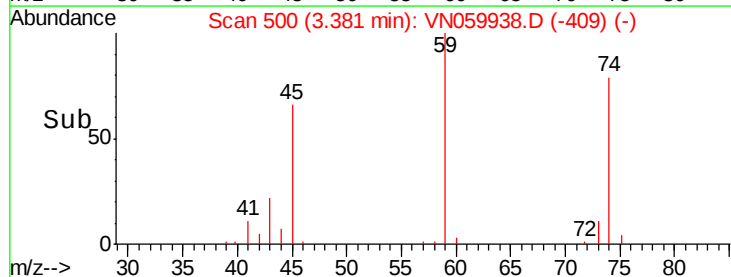
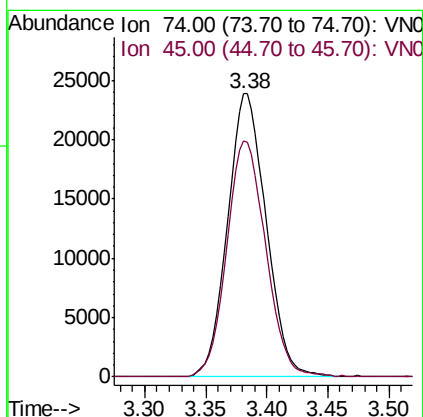
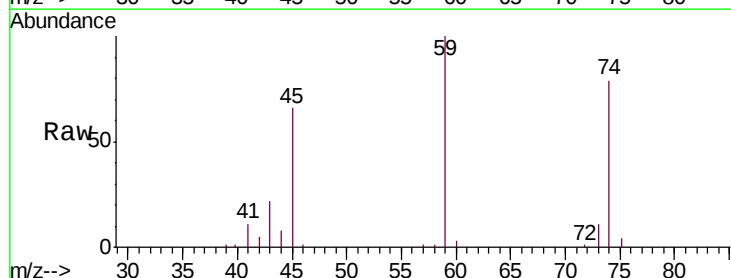
Tgt Ion: 101 Resp: 143942
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.0 76.6



#8

Diethyl Ether
 Concen: 51.204 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.01 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion: 74 Resp: 52497
 Ion Ratio Lower Upper
 74 100
 45 84.4 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.626 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

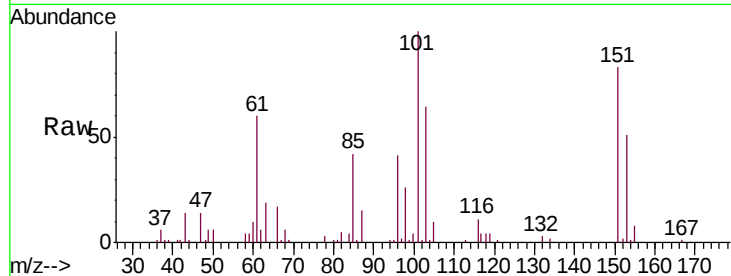
Tgt Ion:101 Resp: 85568

Ion Ratio Lower Upper

101 100

85 43.0 36.6 54.8

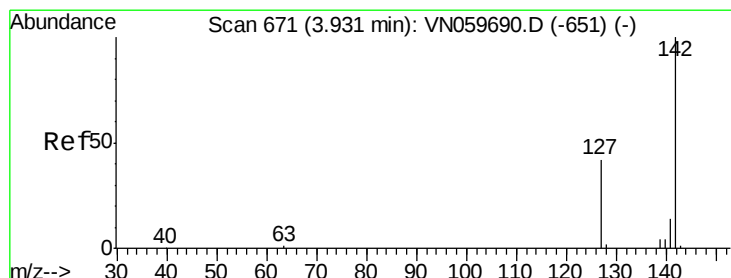
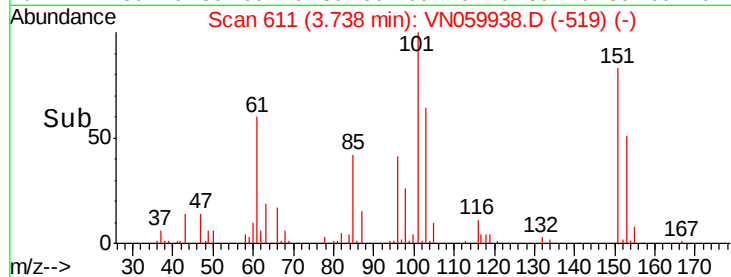
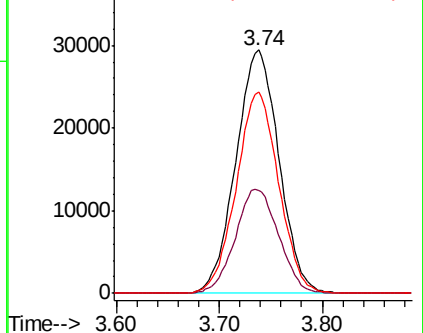
151 81.4 59.7 89.5



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: 43.590 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

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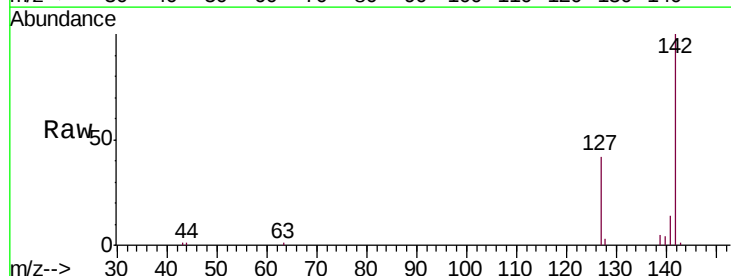
Tgt Ion:142 Resp: 114565

Ion Ratio Lower Upper

142 100

127 41.7 36.7 55.1

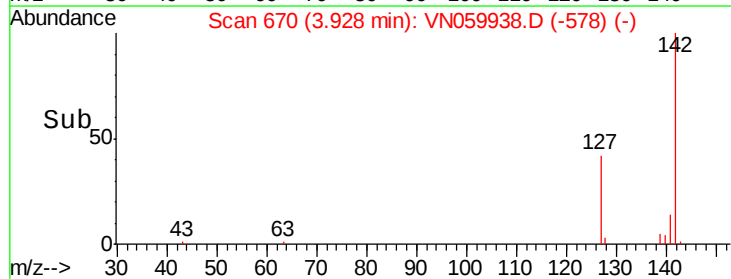
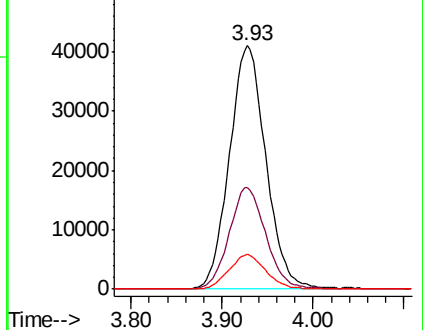
141 14.1 11.7 17.5

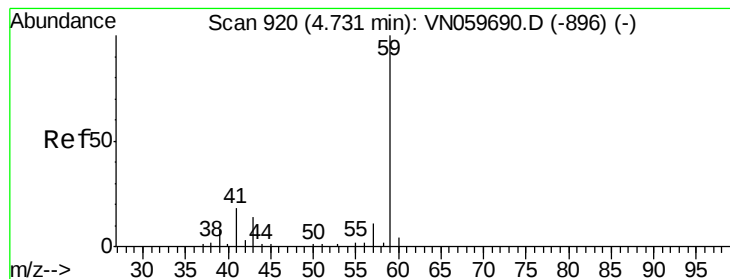


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



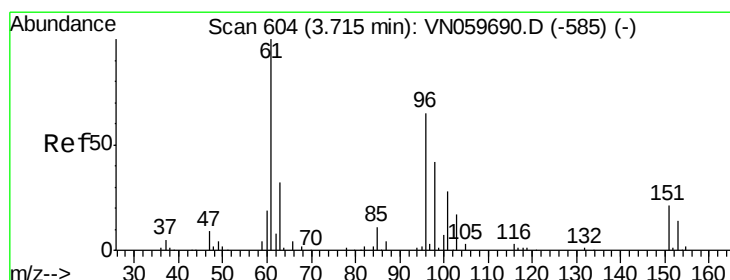
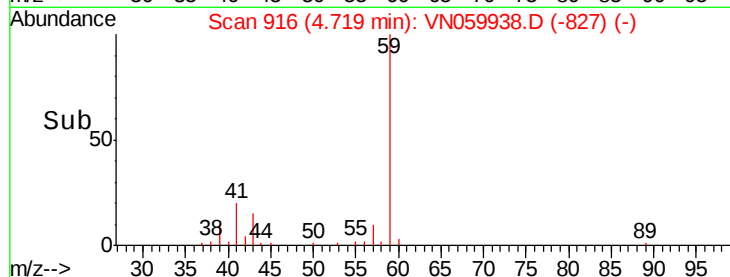
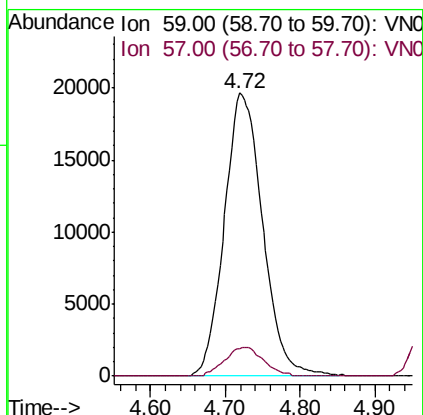
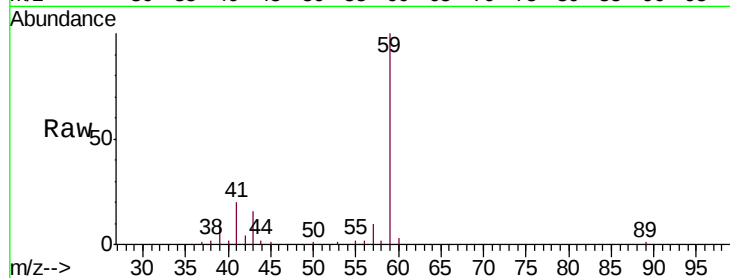


#11

Tert butyl alcohol
 Concen: 201.379 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

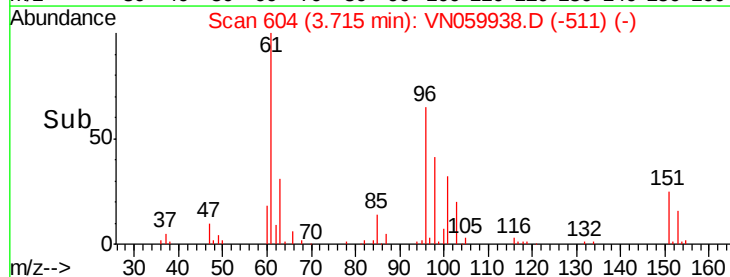
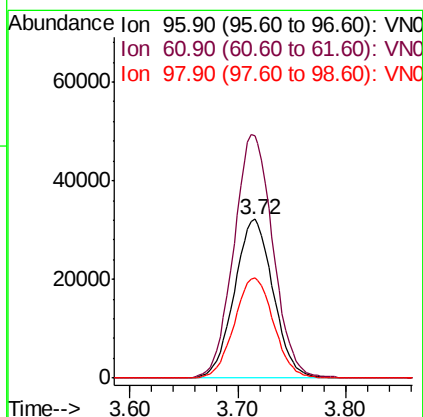
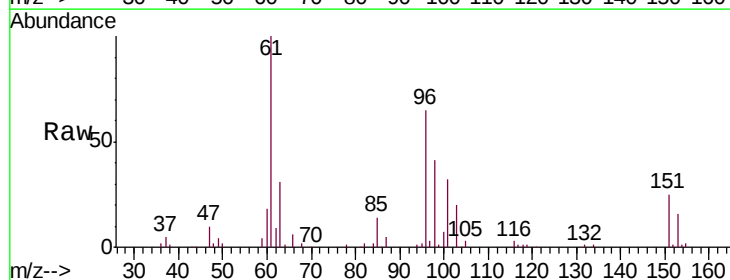
Tgt Ion: 59 Resp: 69915
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.6 12.8

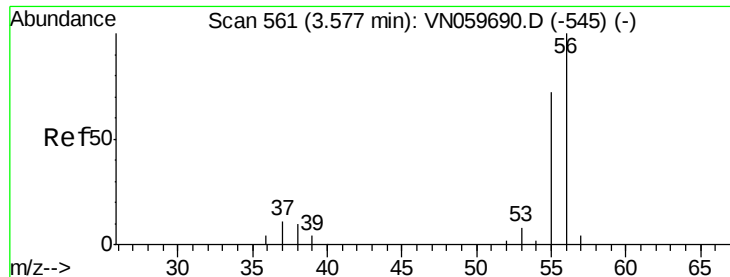


#12

1,1-Dichloroethene
 Concen: 47.415 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion: 96 Resp: 80559
 Ion Ratio Lower Upper
 96 100
 61 153.0 137.5 206.3
 98 62.8 50.2 75.4





#13

Acrolein

Concen: 155.056 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

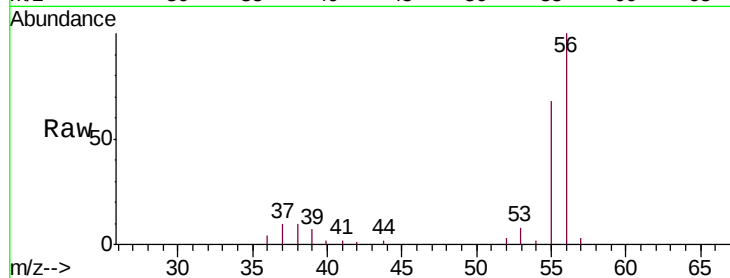
VSTDCCC050

Tgt Ion: 56 Resp: 38107

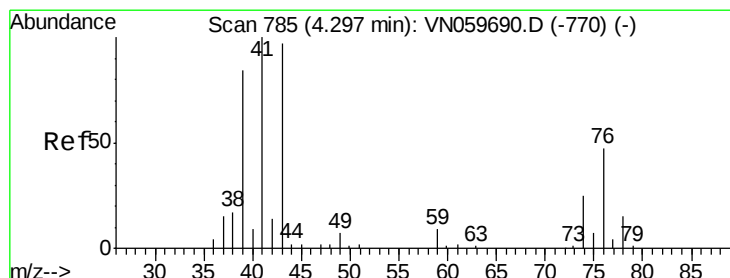
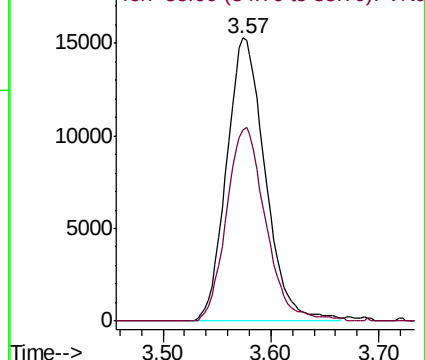
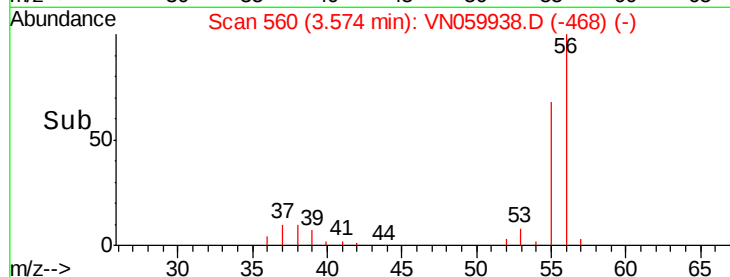
Ion Ratio Lower Upper

56 100

55 69.4 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN059938.D (-468) (-)



#14

Allyl chloride

Concen: 49.348 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

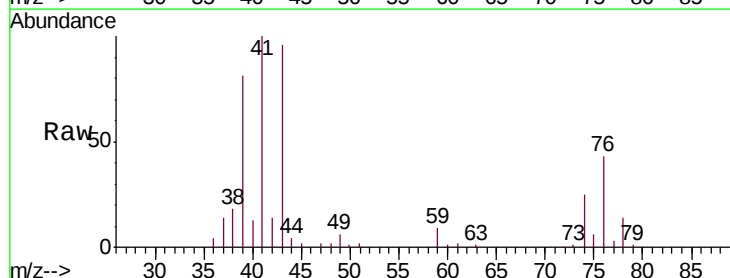
Tgt Ion: 41 Resp: 113011

Ion Ratio Lower Upper

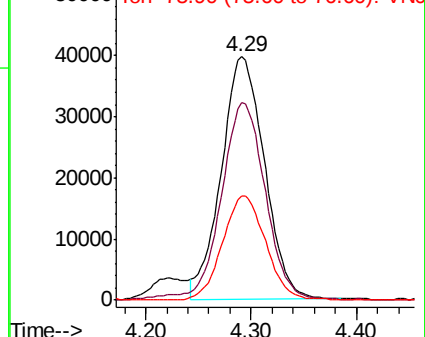
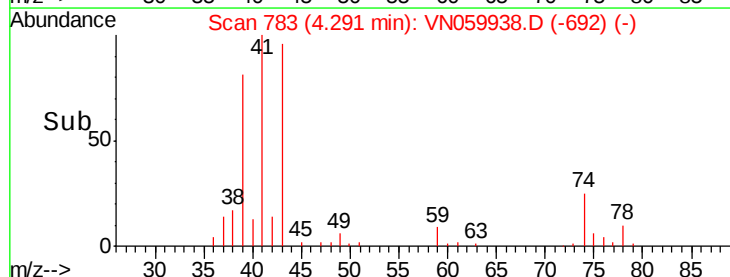
41 100

39 83.6 57.8 86.8

76 42.8 25.4 38.0#



Abundance Ion 41.00 (40.70 to 41.70): VN059938.D (-692) (-)

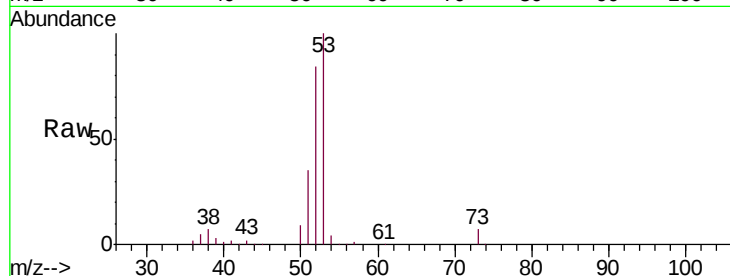




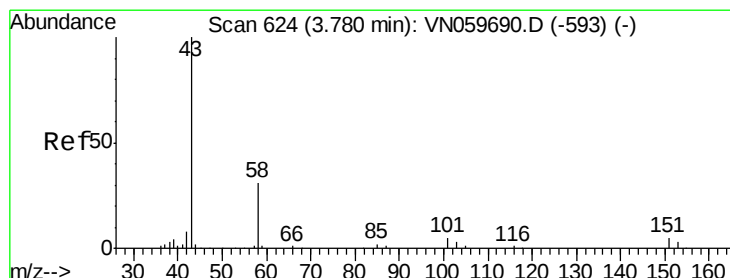
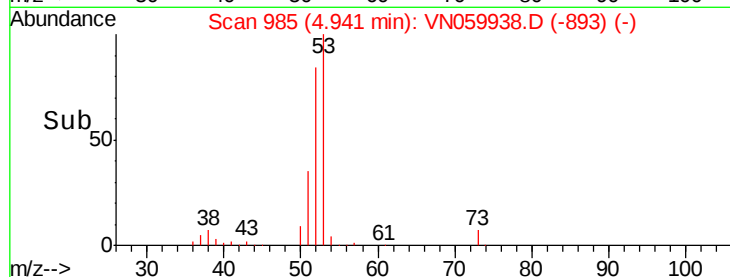
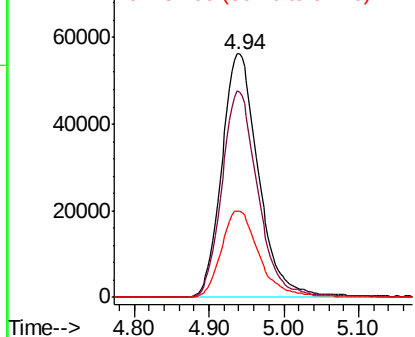
#15
 Acrylonitrile
 Concen: 240.881 ug/l
 RT: 4.94 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.3	99.5
51	36.8	29.7	44.5

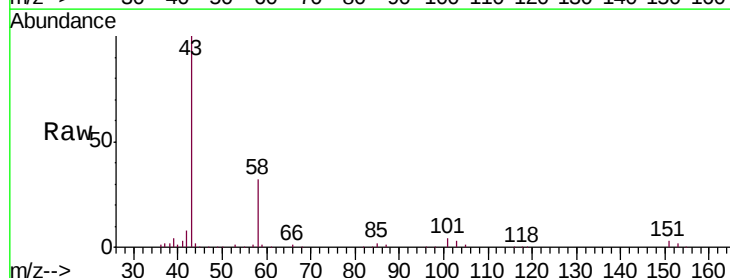


Abundance Ion 53.00 (52.70 to 53.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0
 Ion 51.00 (50.70 to 51.70): VN0

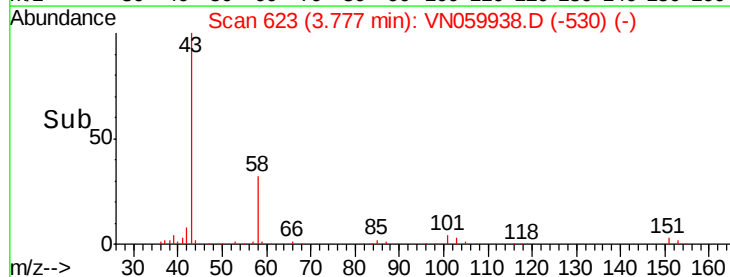
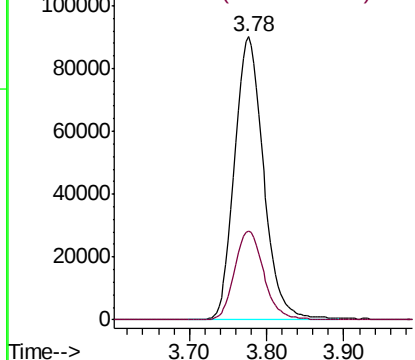


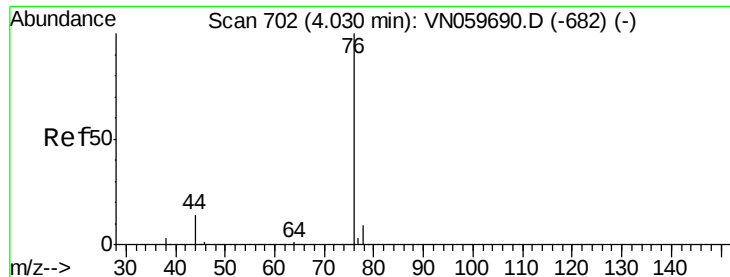
#16
 Acetone
 Concen: 336.567 ug/l
 RT: 3.78 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.5	23.6	35.4



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

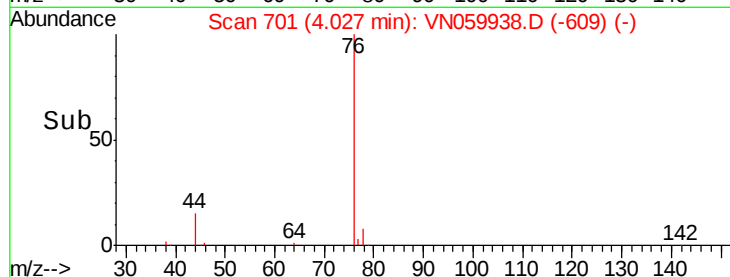
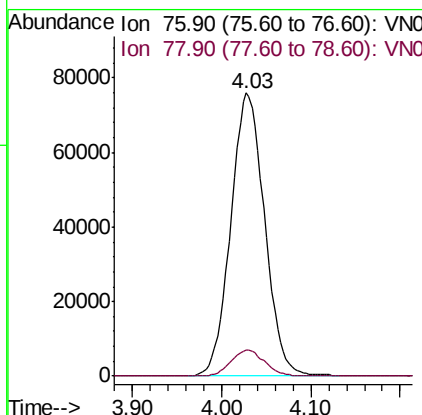
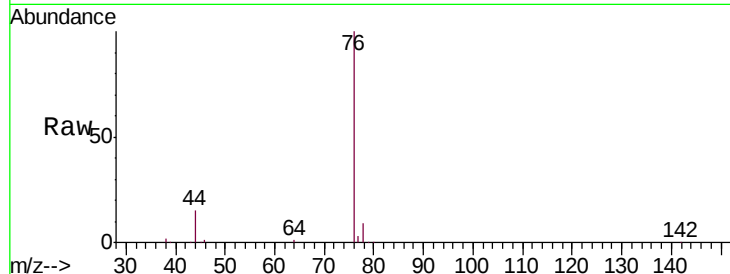




#17
Carbon Disulfide
Concen: 41.298 ug/l
RT: 4.03 min Scan# 701
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

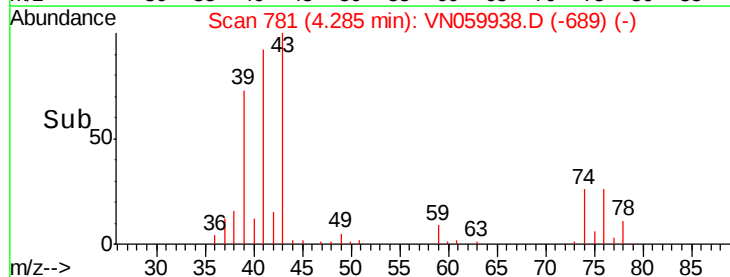
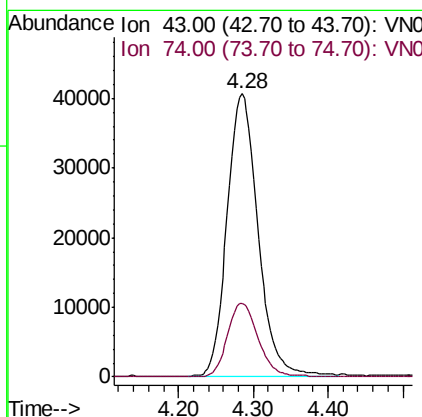
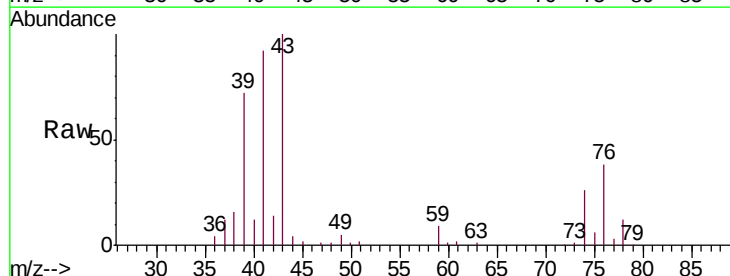
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 199880
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 48.842 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion: 43 Resp: 117656
Ion Ratio Lower Upper
43 100
74 25.6 17.5 26.3

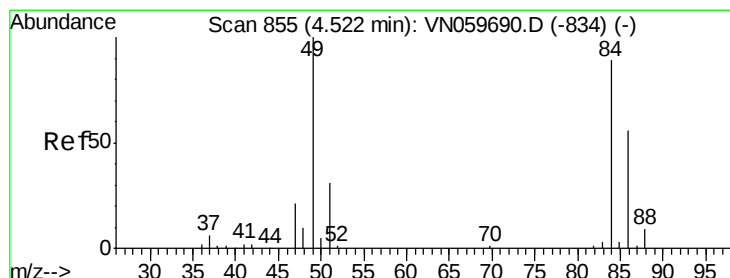
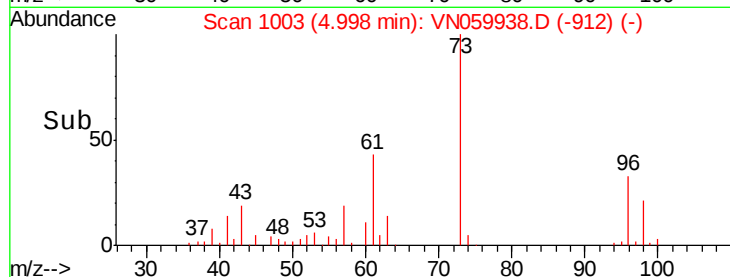
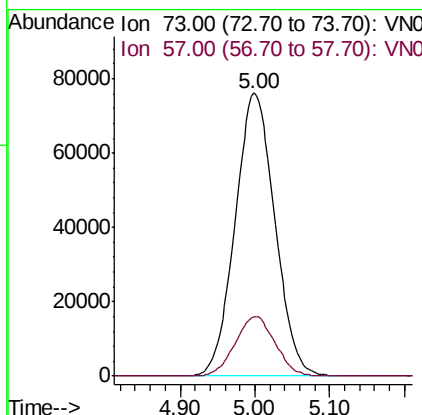
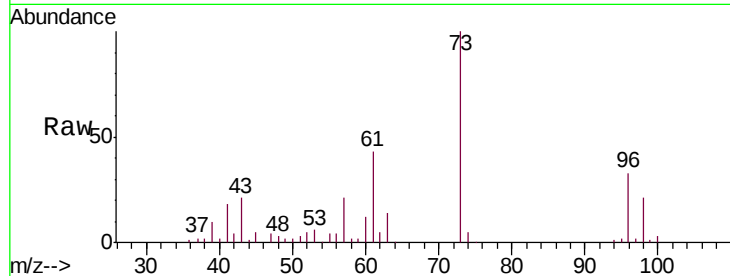




#19
Methyl tert-butyl Ether
Concen: 50.808 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

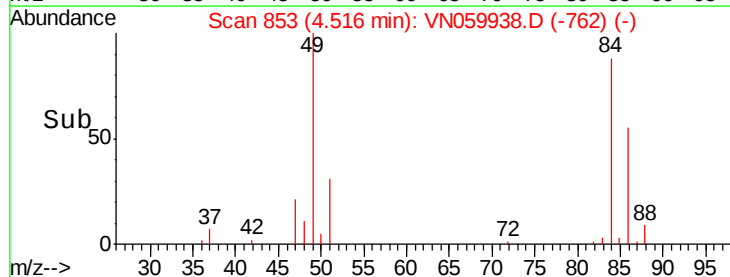
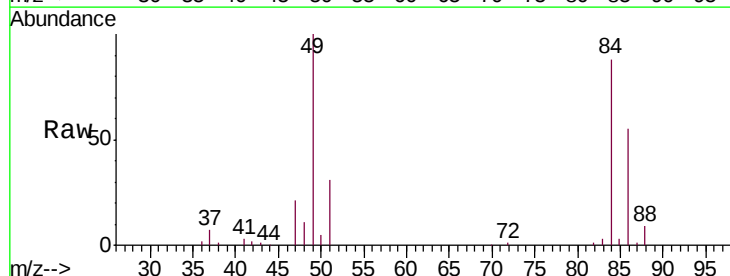
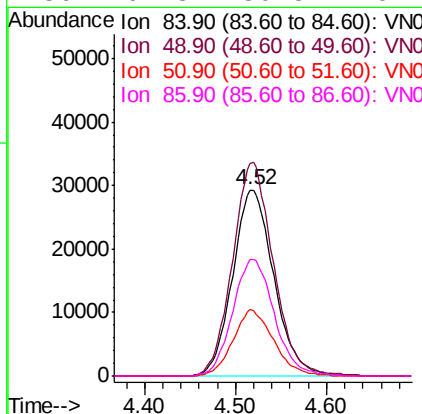
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

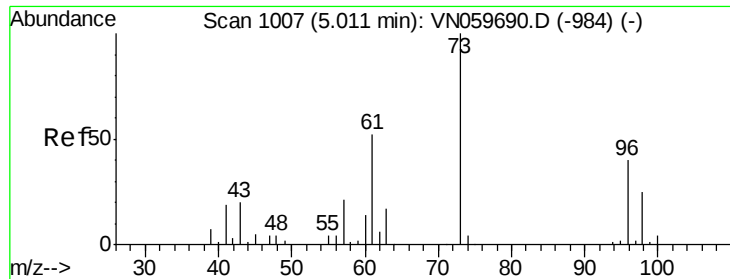
Tgt Ion: 73 Resp: 281455
Ion Ratio Lower Upper
73 100
57 21.0 18.6 27.8



#20
Methylene Chloride
Concen: 49.454 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion: 84 Resp: 92301
Ion Ratio Lower Upper
84 100
49 113.9 106.6 160.0
51 35.6 31.9 47.9
86 62.3 50.8 76.2

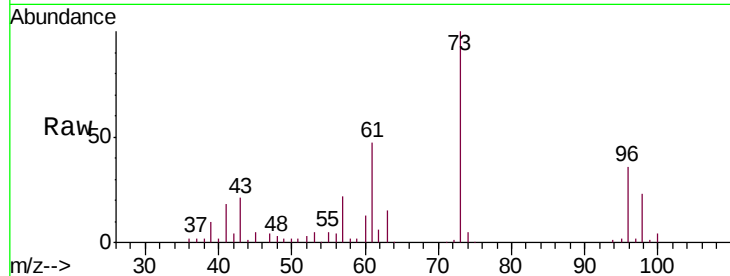




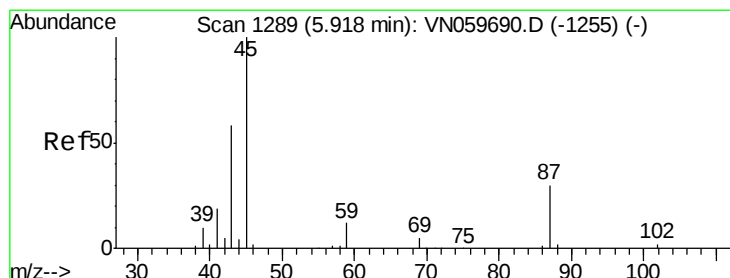
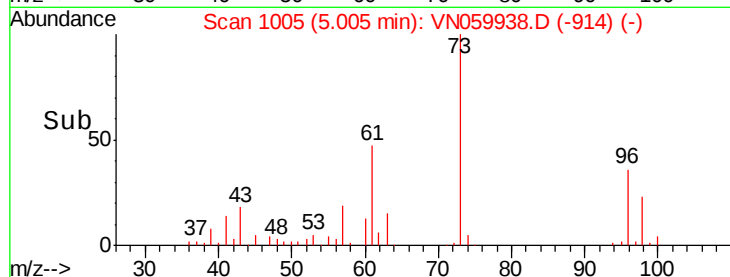
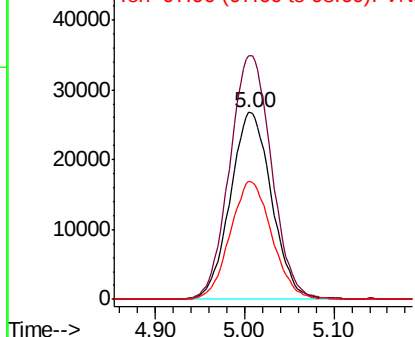
#21
trans-1,2-Dichloroethene
Concen: 47.670 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 86094
Ion Ratio Lower Upper
96 100
61 129.3 120.4 180.6
98 63.0 50.6 75.8

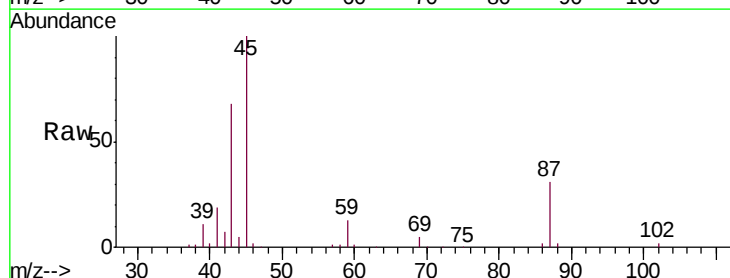


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

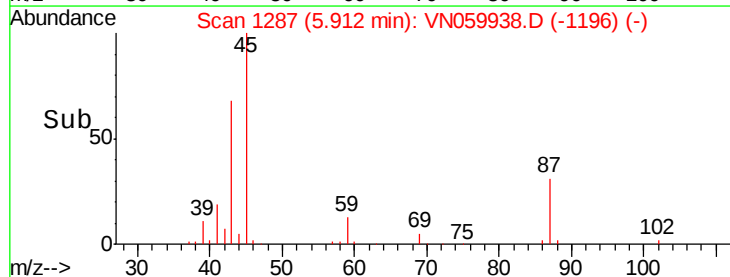
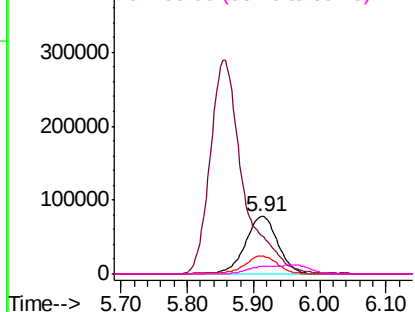


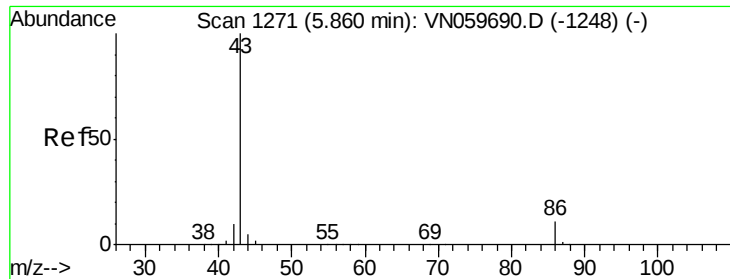
#22
Diisopropyl ether
Concen: 51.214 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.01 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion: 45 Resp: 265789
Ion Ratio Lower Upper
45 100
43 66.7 50.8 76.2
87 31.3 21.0 31.6
59 12.7 9.1 13.7



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





#23

Vinyl Acetate

Concen: 249.703 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

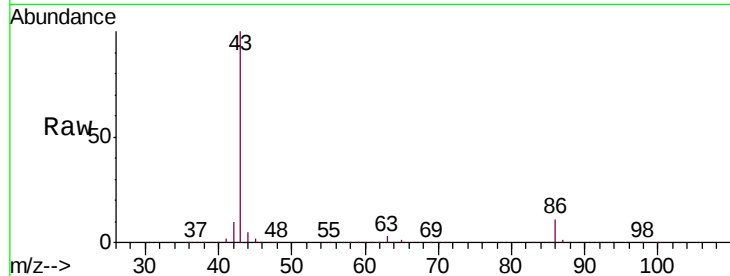
VSTDCCC050

Tgt Ion: 43 Resp: 1003340

Ion Ratio Lower Upper

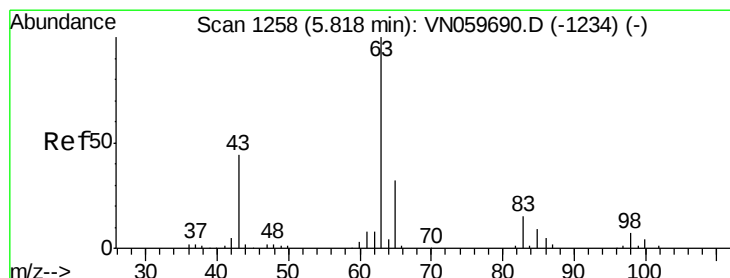
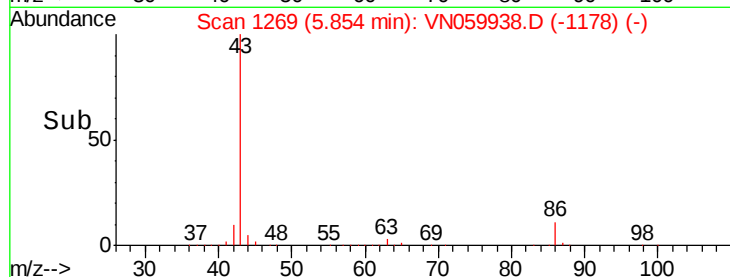
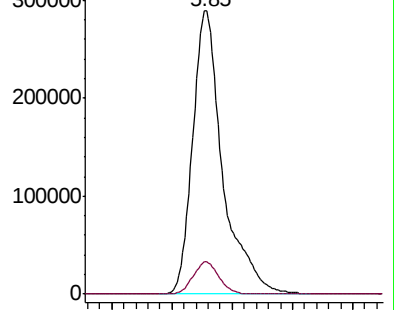
43 100

86 11.4 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN059938.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN059938.D (-1178) (-)



#24

1,1-Dichloroethane

Concen: 50.405 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

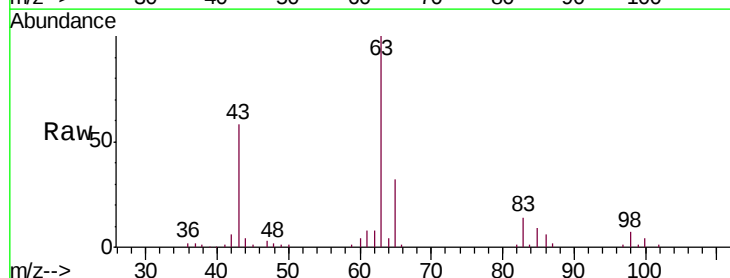
Tgt Ion: 63 Resp: 159839

Ion Ratio Lower Upper

63 100

98 7.4 2.9 8.7

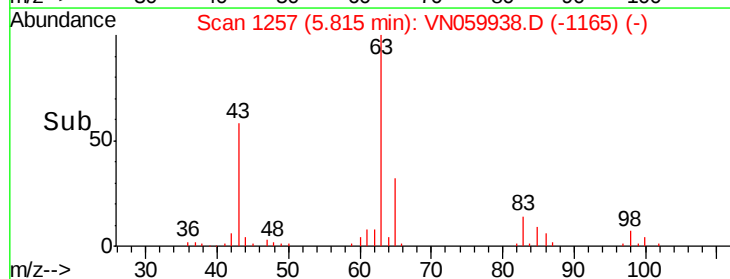
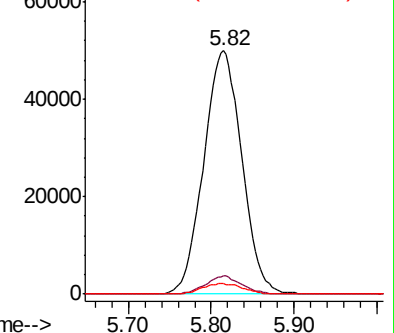
100 4.2 2.0 6.0

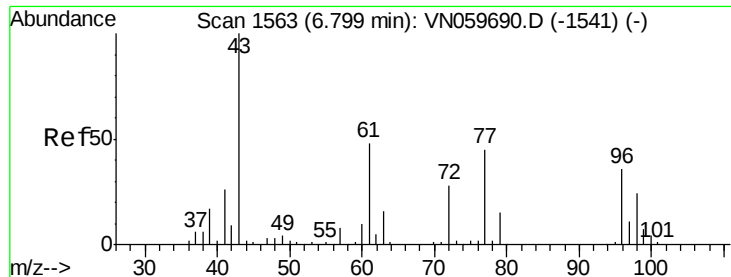


Abundance Ion 62.90 (62.60 to 63.60): VN059938.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059938.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059938.D (-1165) (-)





#25

2-Butanone

Concen: 247.746 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.01 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

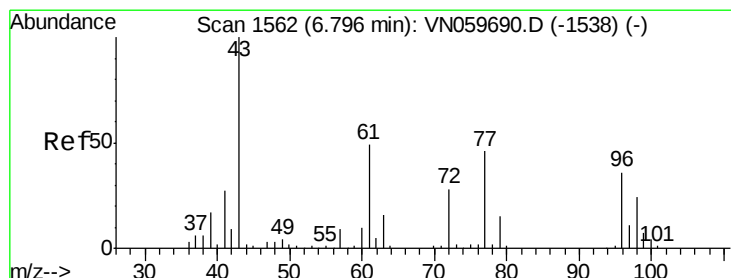
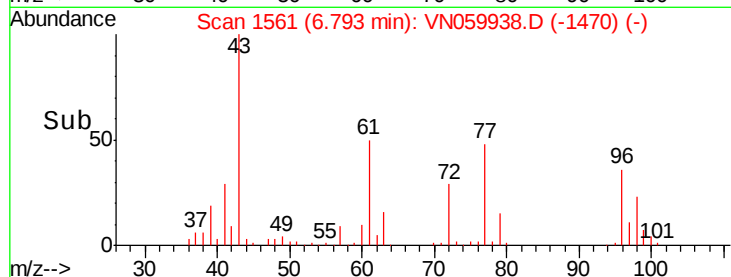
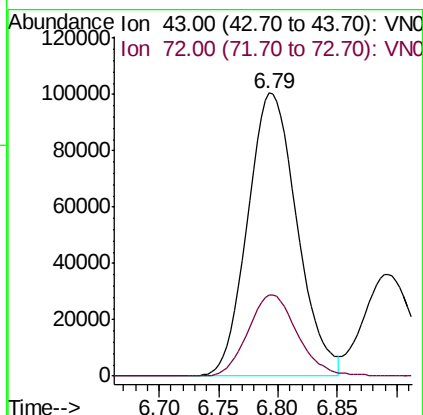
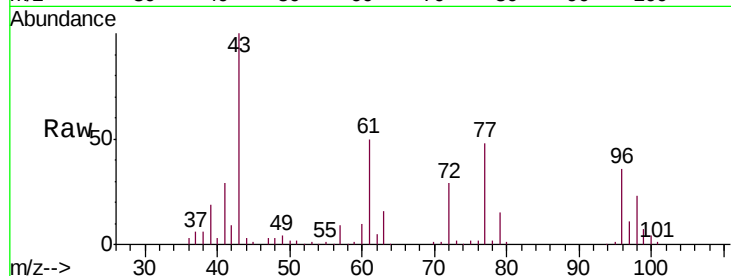
VSTDCCC050

Tgt Ion: 43 Resp: 289338

Ion Ratio Lower Upper

43 100

72 28.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 50.723 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059938.D

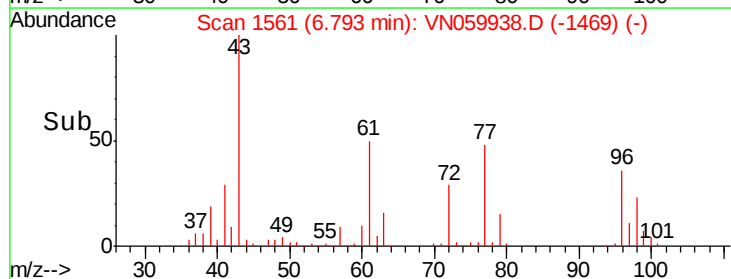
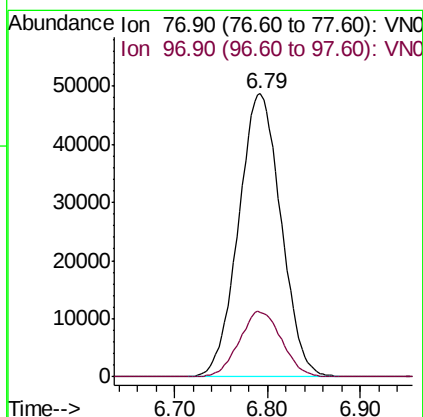
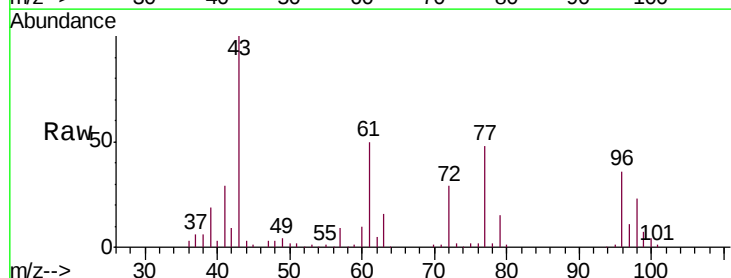
Acq: 31 Jan 2020 10:54

Tgt Ion: 77 Resp: 154633

Ion Ratio Lower Upper

77 100

97 23.1 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 50.507 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

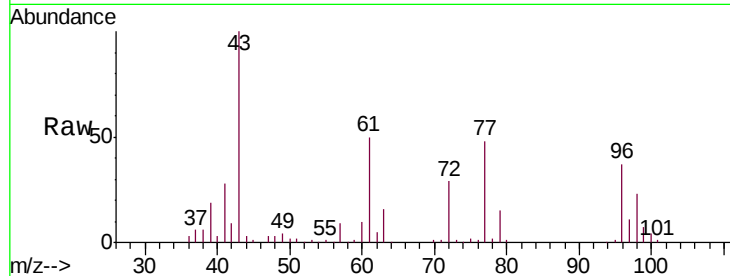
Tgt Ion: 96 Resp: 104916

Ion Ratio Lower Upper

96 100

61 140.0 0.0 317.6

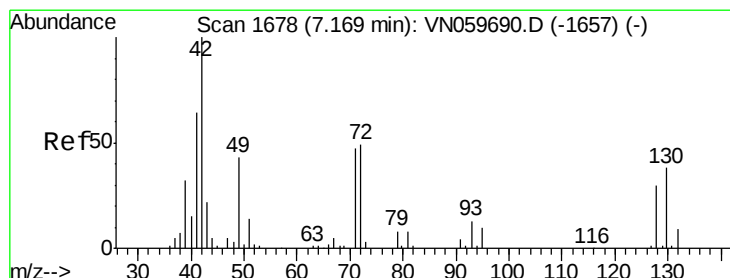
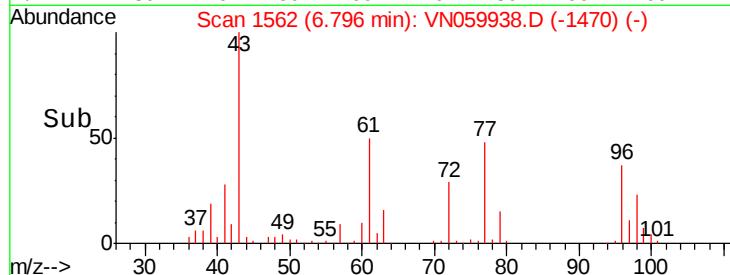
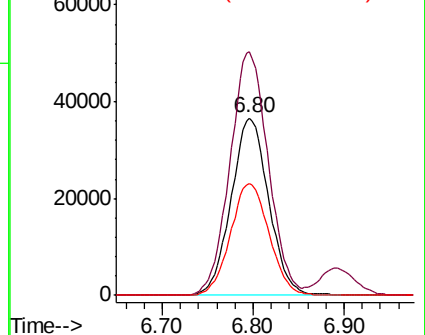
98 65.0 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 51.067 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

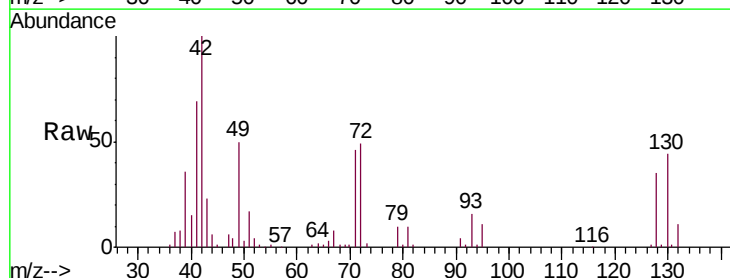
Tgt Ion: 49 Resp: 64724

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

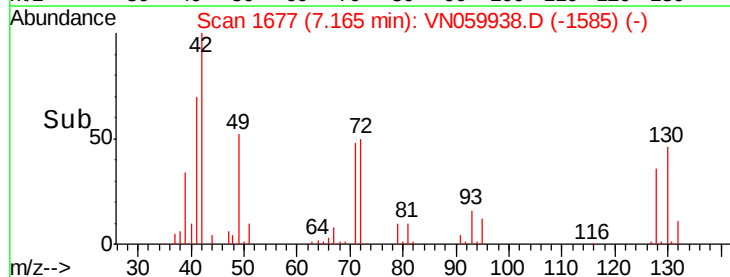
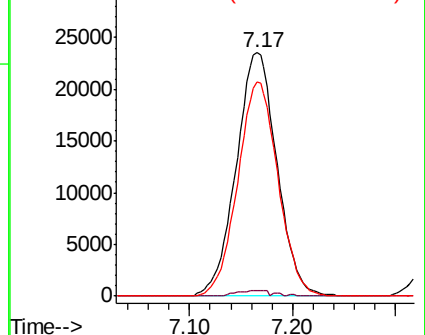
130 86.7 54.7 82.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 221.266 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

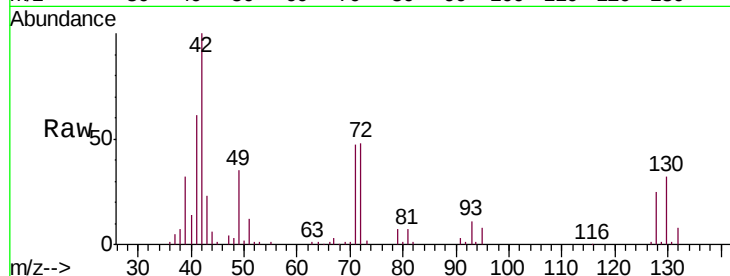
Tgt Ion: 42 Resp: 159885

Ion Ratio Lower Upper

42 100

72 48.4 33.1 49.7

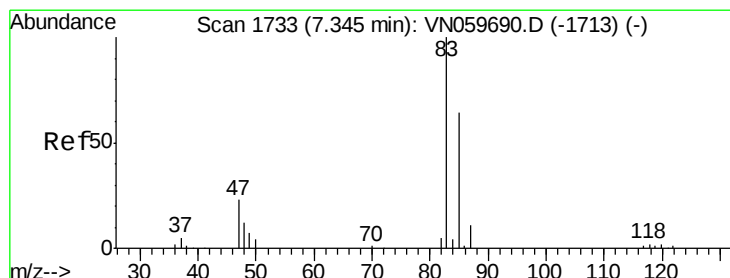
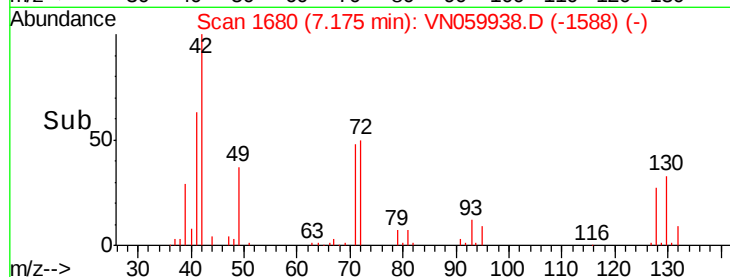
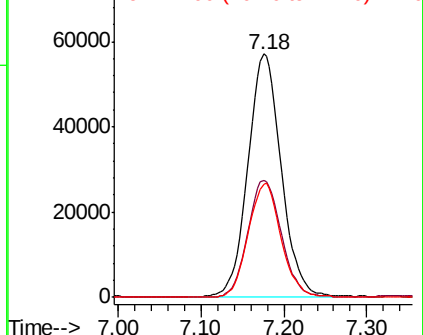
71 45.8 31.4 47.0



Abundance Ion 42.00 (41.70 to 42.70): VN059938.D (-1656) (-)

Ion 72.00 (71.70 to 72.70): VN059938.D (-1656) (-)

Ion 71.00 (70.70 to 71.70): VN059938.D (-1656) (-)



#30

Chloroform

Concen: 52.291 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN059938.D

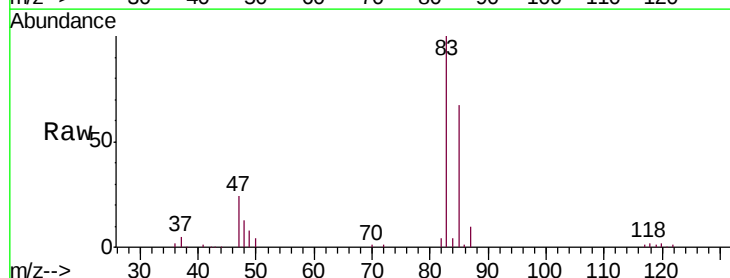
Acq: 31 Jan 2020 10:54

Tgt Ion: 83 Resp: 171808

Ion Ratio Lower Upper

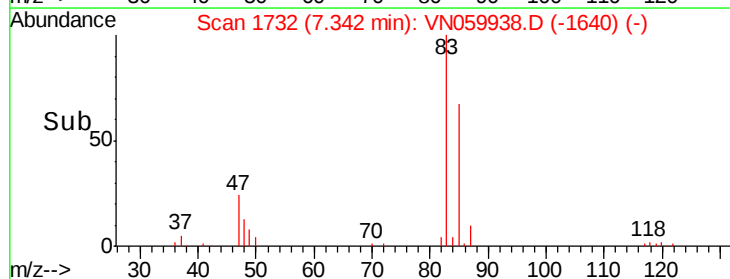
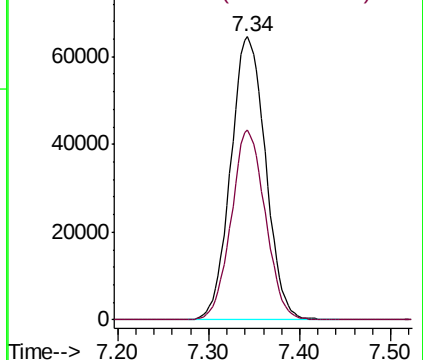
83 100

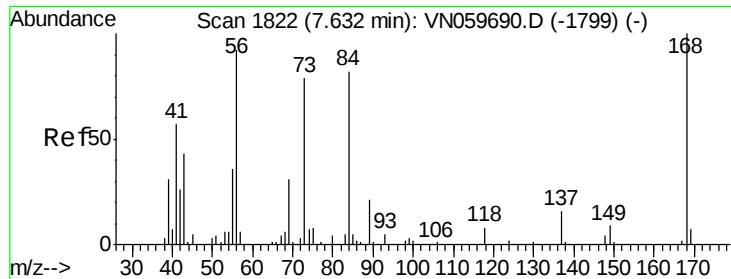
85 67.3 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN059938.D (-1640) (-)

Ion 84.90 (84.60 to 85.60): VN059938.D (-1640) (-)

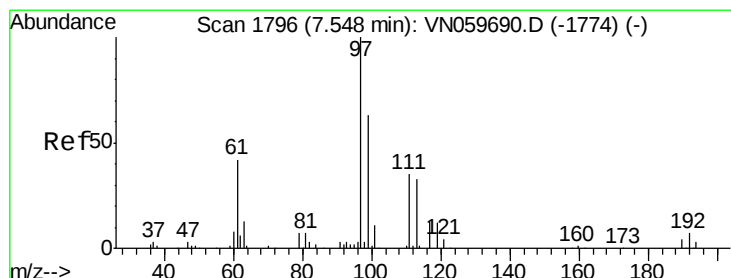
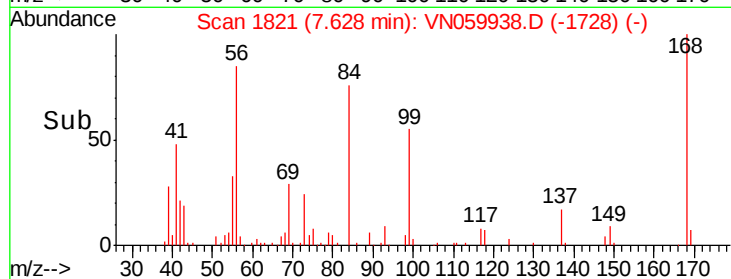
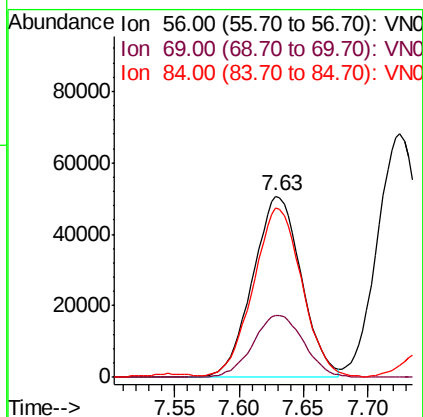
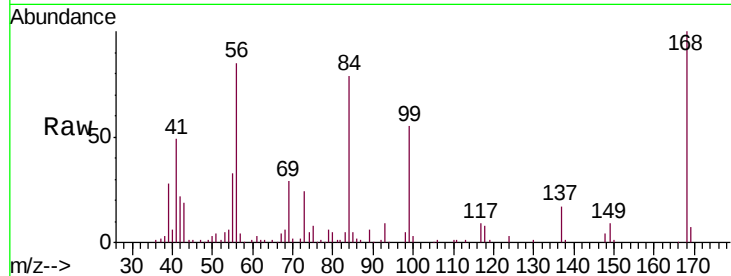




#31
Cyclohexane
Concen: 43.591 ug/l
RT: 7.63 min Scan# 1821
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

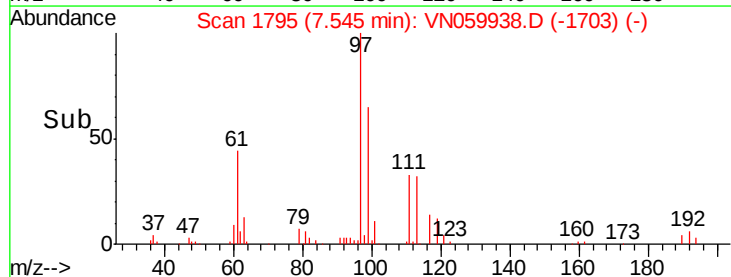
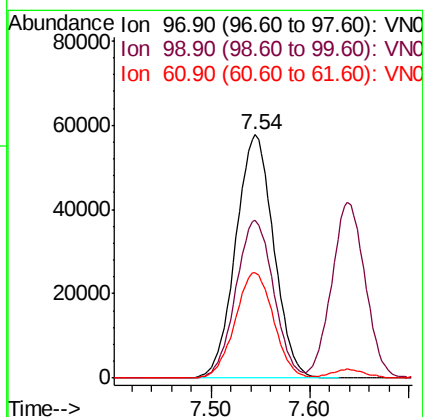
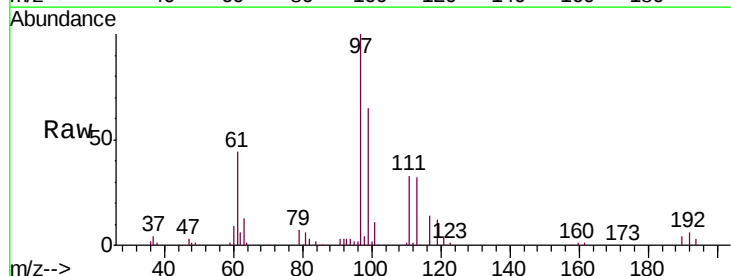
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 133012
Ion Ratio Lower Upper
56 100
69 34.5 26.5 39.7
84 91.9 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 50.727 ug/l
RT: 7.54 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion: 97 Resp: 154105
Ion Ratio Lower Upper
97 100
99 64.6 51.0 76.4
61 43.7 38.5 57.7

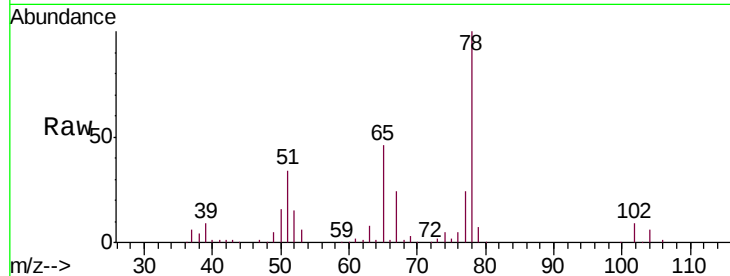




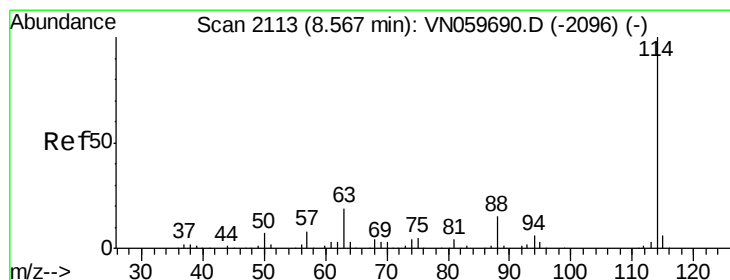
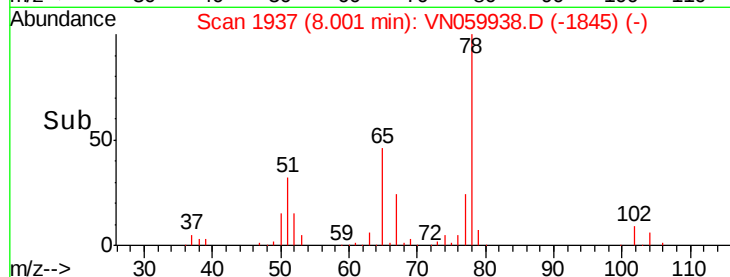
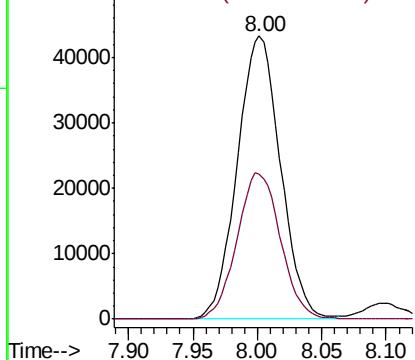
#33
 1,2-Dichloroethane-d4
 Concen: 48.983 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 101019
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0

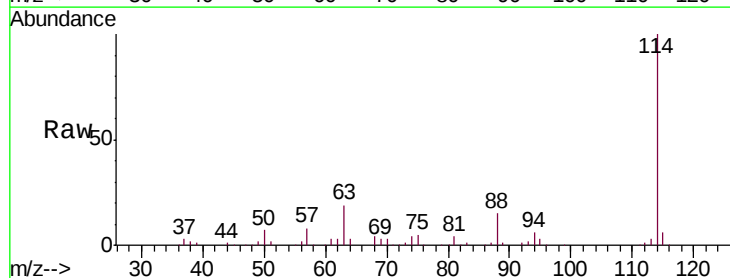


Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0

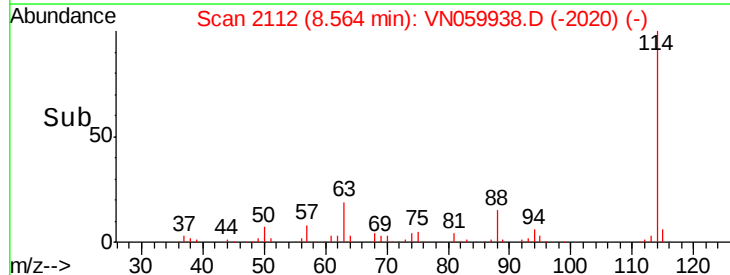
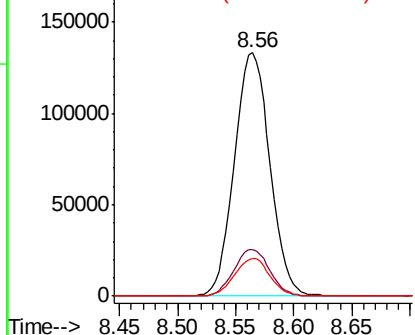


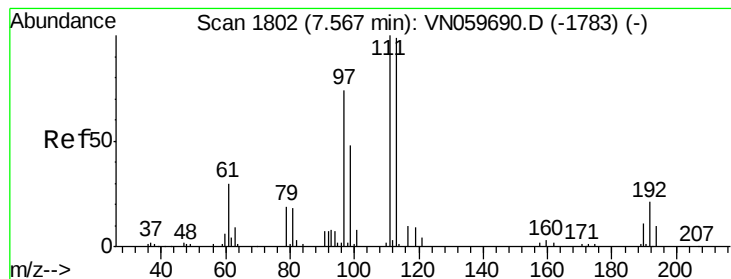
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion: 114 Resp: 283370
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 43.6
 88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN0
 Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 50.408 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

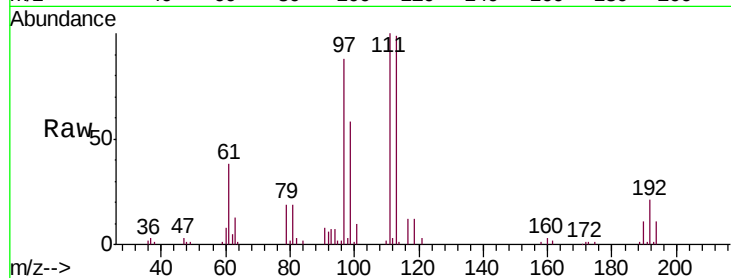
Tgt Ion:113 Resp: 85182

Ion Ratio Lower Upper

113 100

111 102.4 83.5 125.3

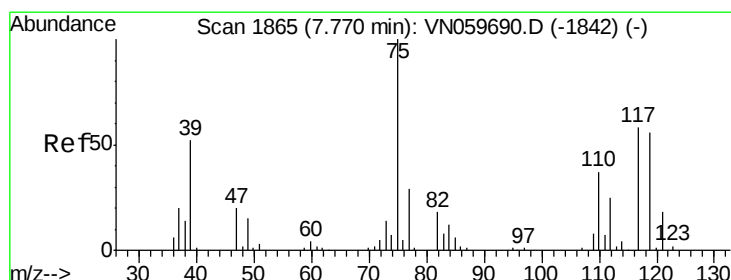
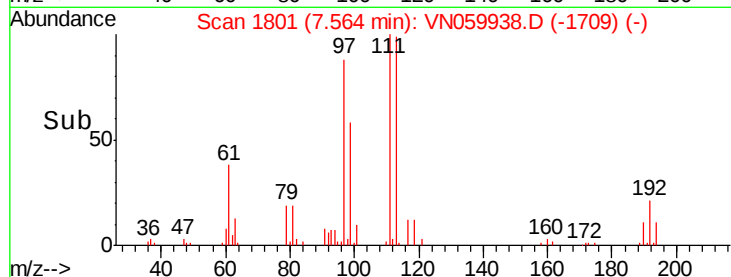
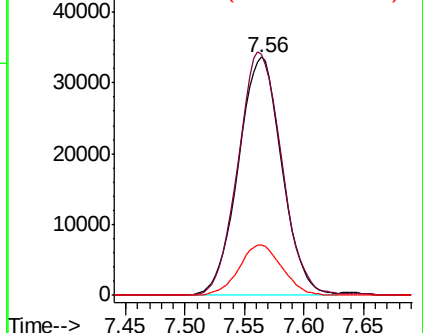
192 20.9 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.114 ug/l

RT: 7.77 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

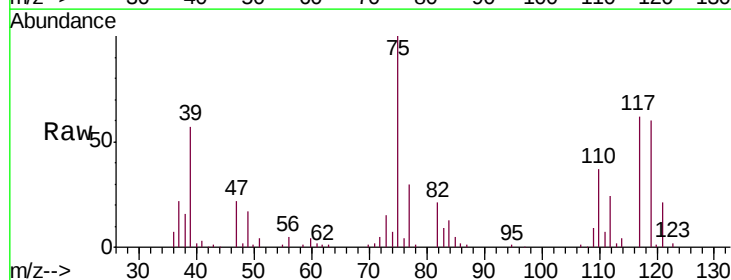
Tgt Ion: 75 Resp: 123667

Ion Ratio Lower Upper

75 100

110 37.2 16.6 49.7

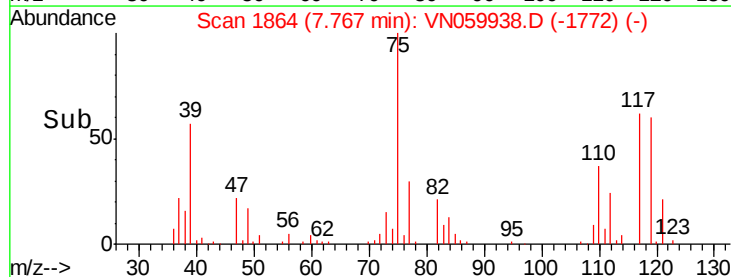
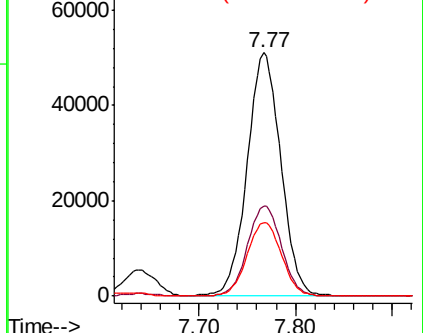
77 31.0 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

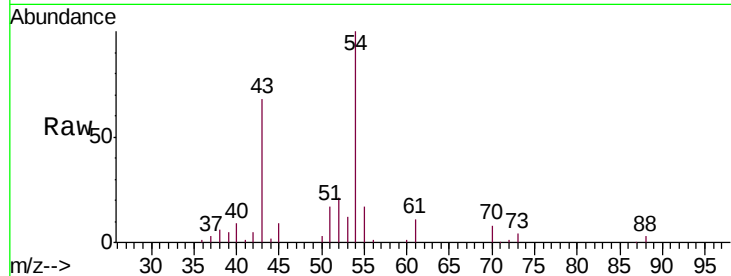




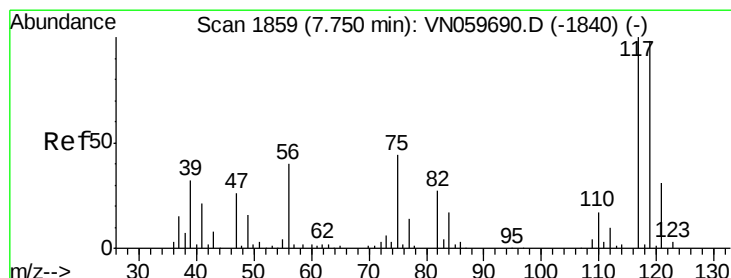
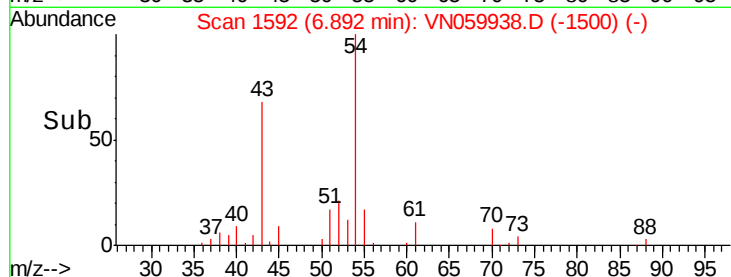
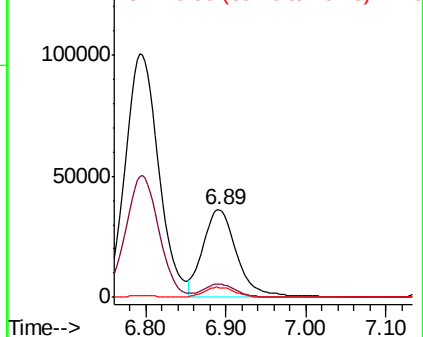
#37
Ethyl Acetate
Concen: 45.900 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 106234
Ion Ratio Lower Upper
43 100
61 14.6 10.9 16.3
70 10.7 7.7 11.5

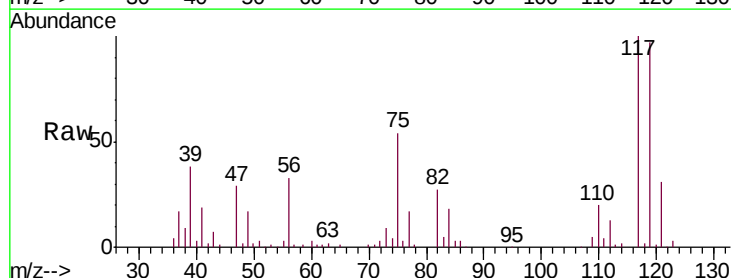


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

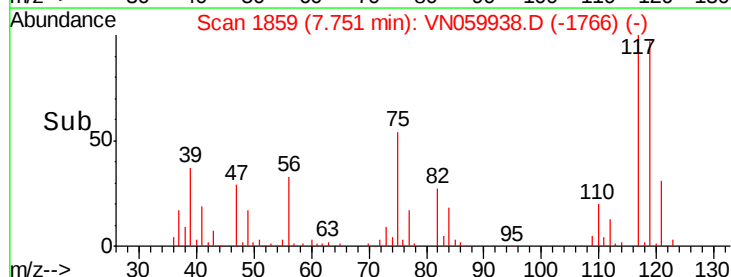
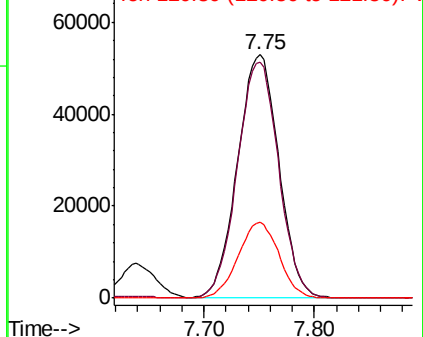


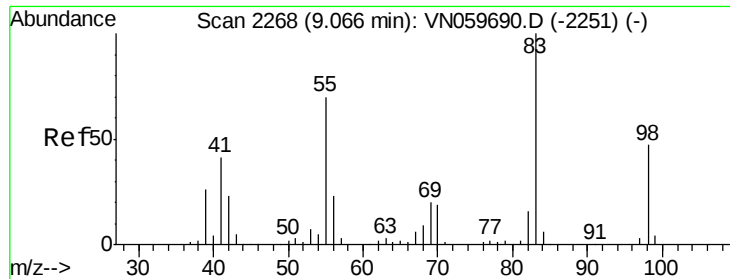
#38
Carbon Tetrachloride
Concen: 51.254 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion: 117 Resp: 137583
Ion Ratio Lower Upper
117 100
119 97.1 76.5 114.7
121 31.0 25.1 37.7



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

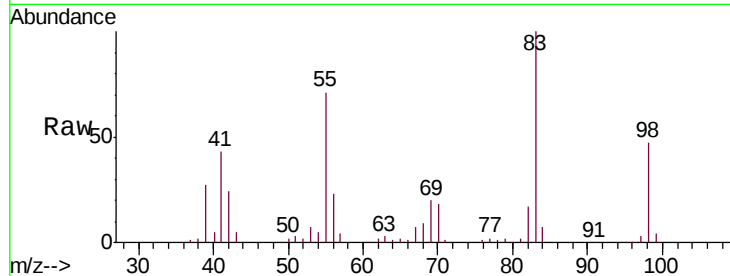




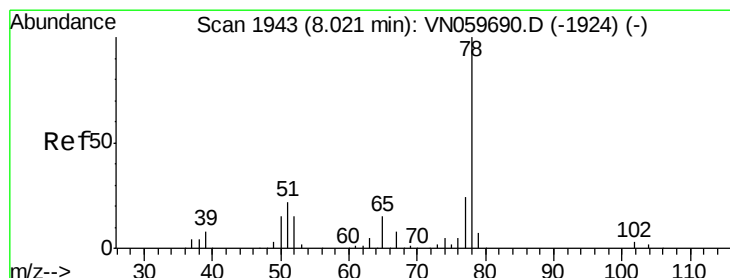
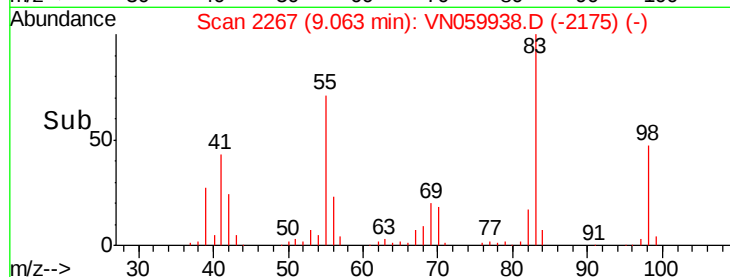
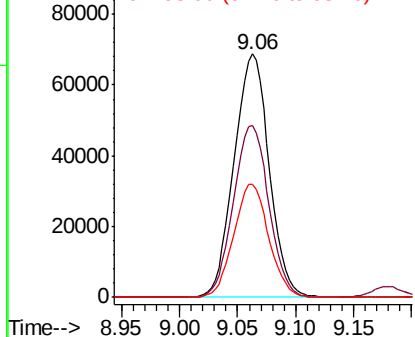
#39
Methylcyclohexane
Concen: 47.561 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 144716
Ion Ratio Lower Upper
83 100
55 70.6 64.2 96.2
98 46.7 35.9 53.9

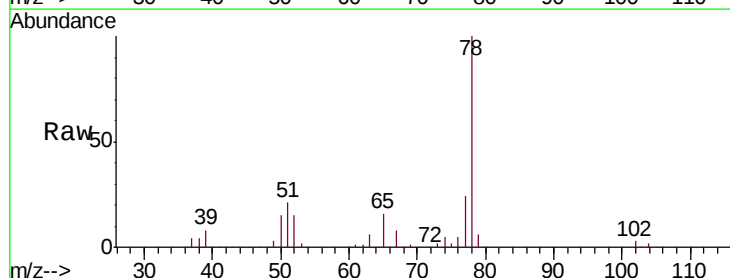


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

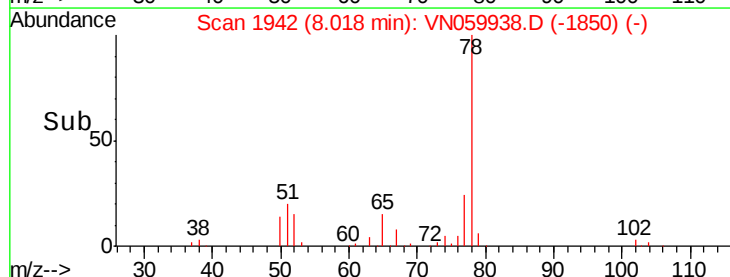
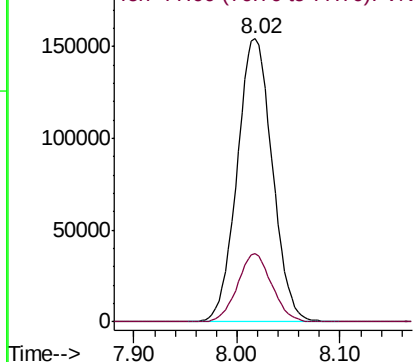


#40
Benzene
Concen: 49.753 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion: 78 Resp: 366160
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3



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

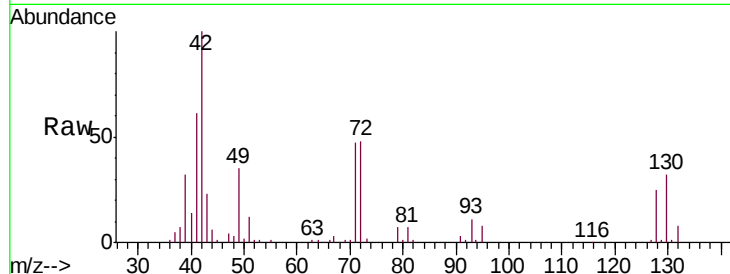




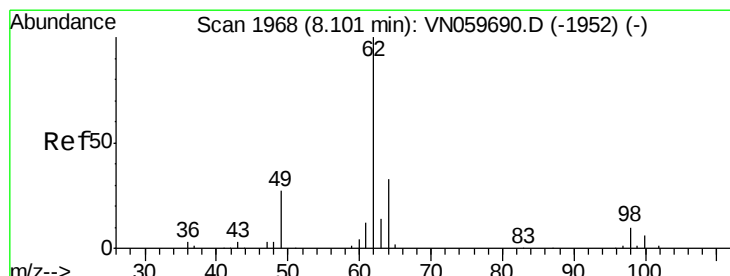
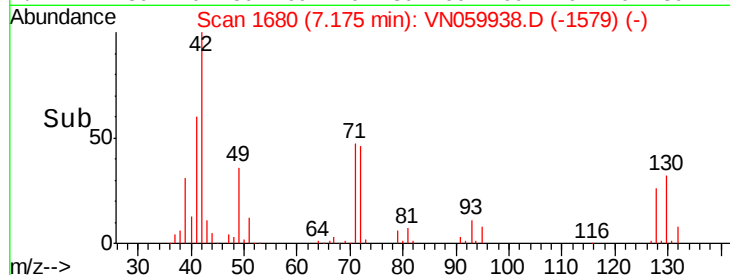
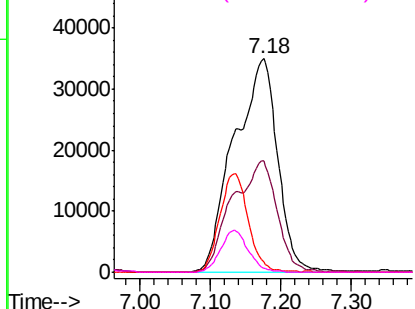
#41
Methacrylonitrile
Concen: 131.842 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:	41	Resp:	150301
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

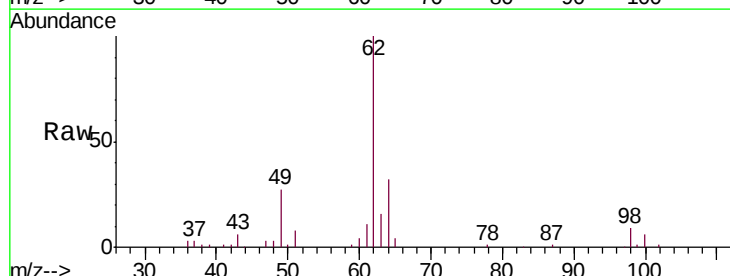


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

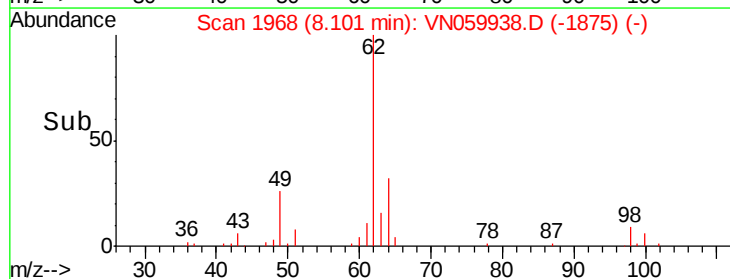
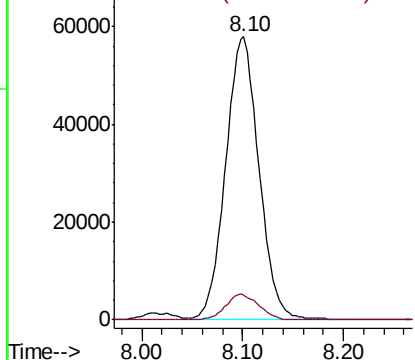


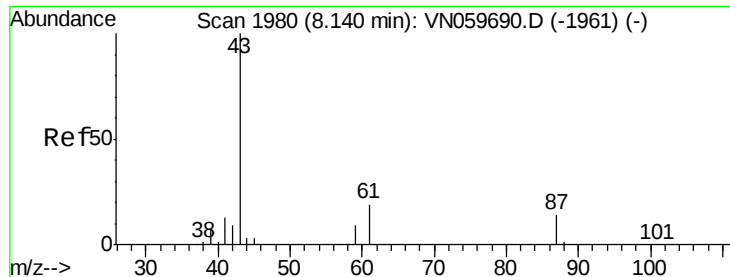
#42
1,2-Dichloroethane
Concen: 53.442 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion:	62	Resp:	133353
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 47.204 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

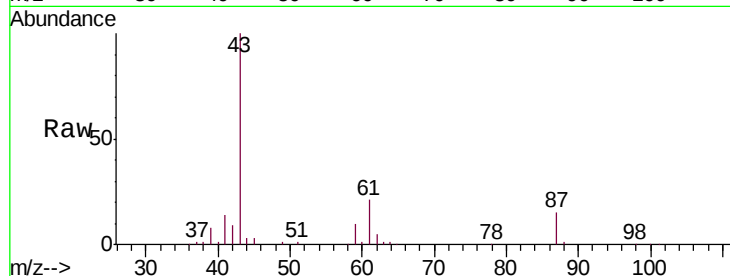
Tgt Ion: 43 Resp: 187920

Ion Ratio Lower Upper

43 100

61 26.9 20.2 30.2

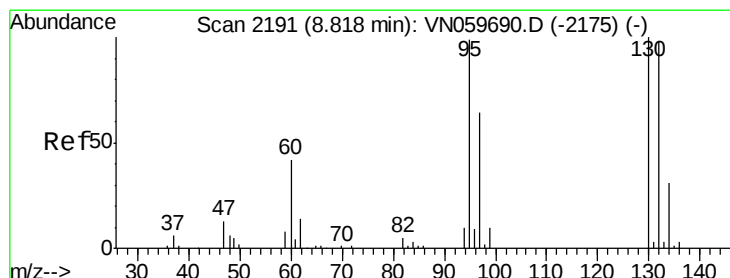
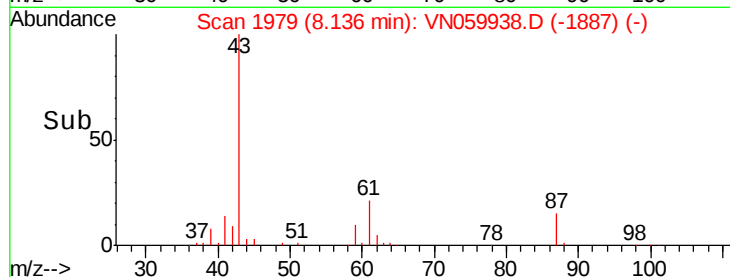
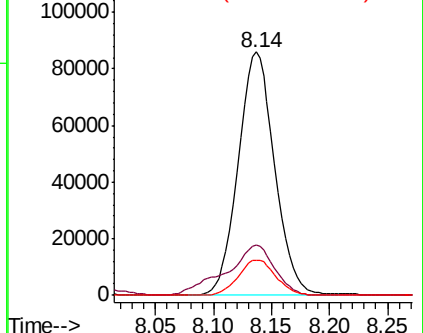
87 14.8 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059938.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN059938.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN059938.D (-1979) (-)



#44

Trichloroethene

Concen: 53.349 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN059938.D

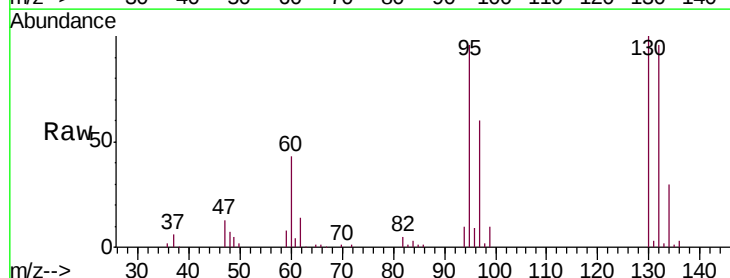
Acq: 31 Jan 2020 10:54

Tgt Ion: 130 Resp: 107182

Ion Ratio Lower Upper

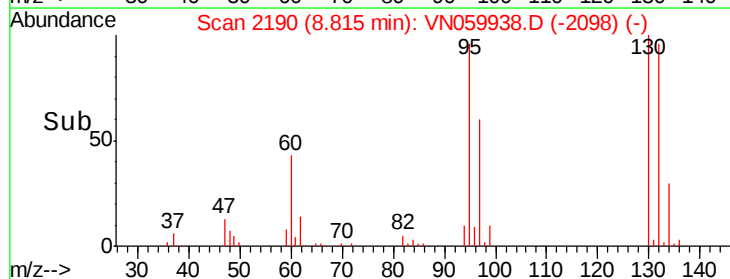
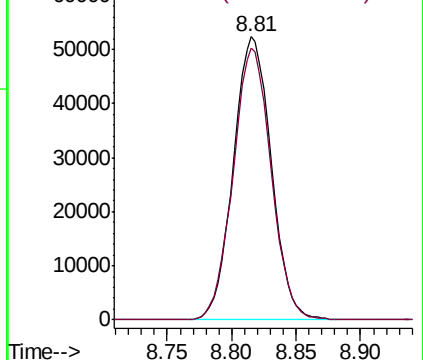
130 100

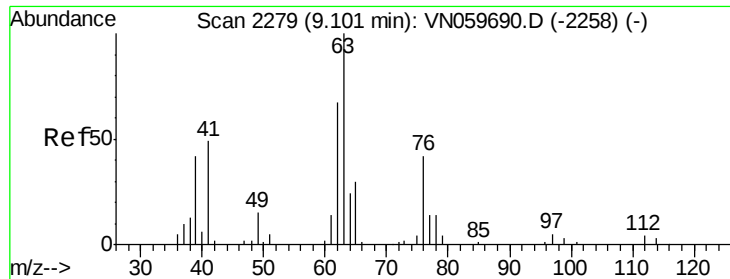
95 96.1 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059938.D (-2190) (-)

Ion 94.90 (94.60 to 95.60): VN059938.D (-2190) (-)

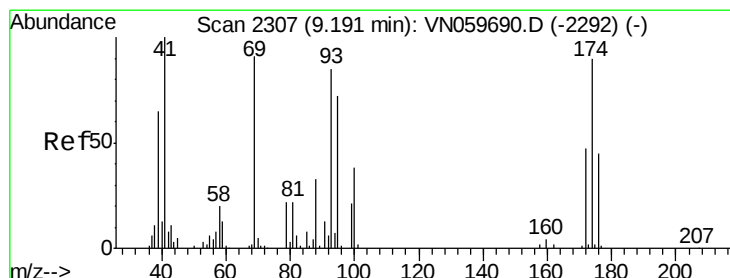
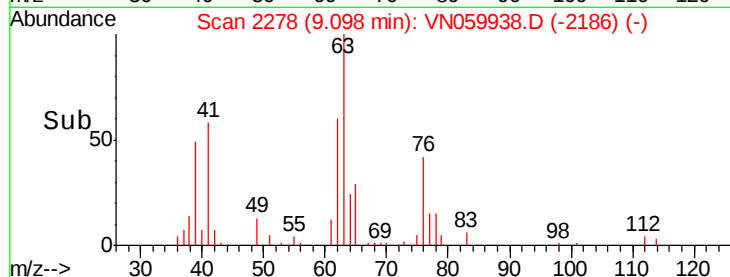
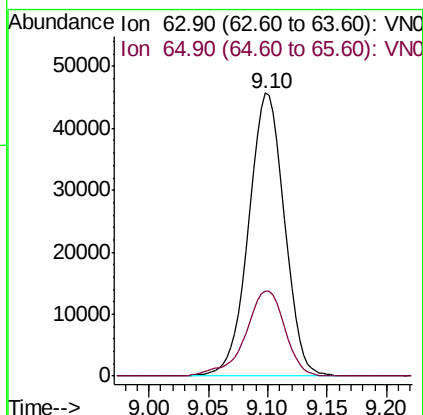
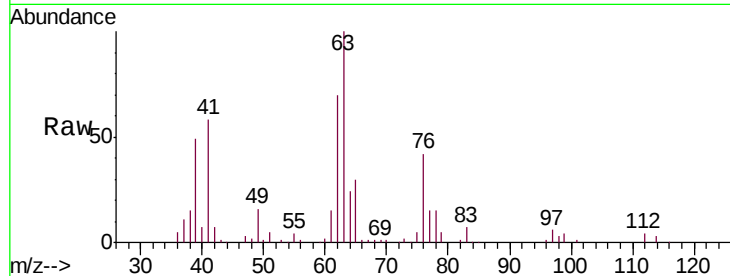




#45
 1,2-Dichloropropane
 Concen: 52.412 ug/l
 RT: 9.10 min Scan# 2278
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

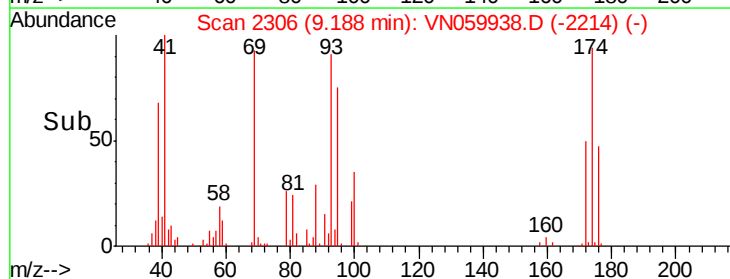
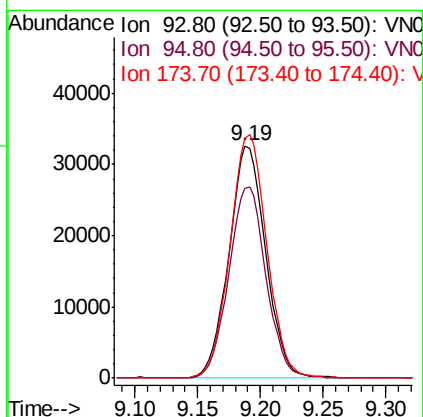
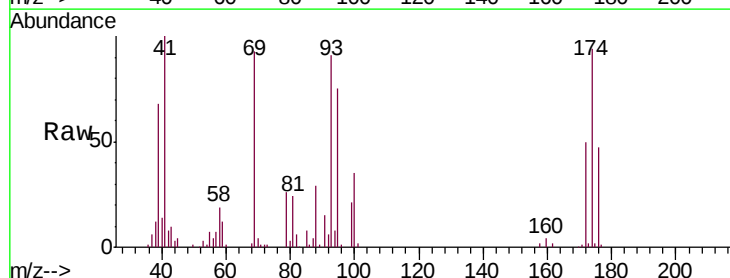
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 95448
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.9 37.3



#46
 Dibromomethane
 Concen: 51.608 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion: 93 Resp: 66298
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.6
 174 105.3 73.4 110.2

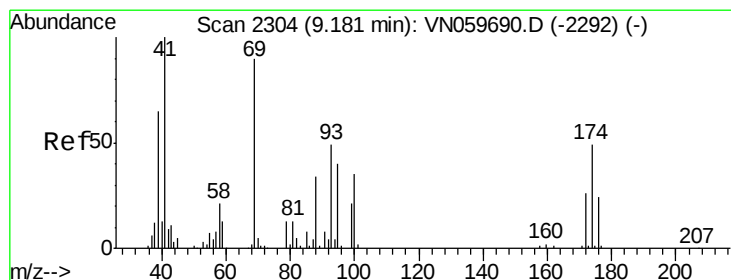
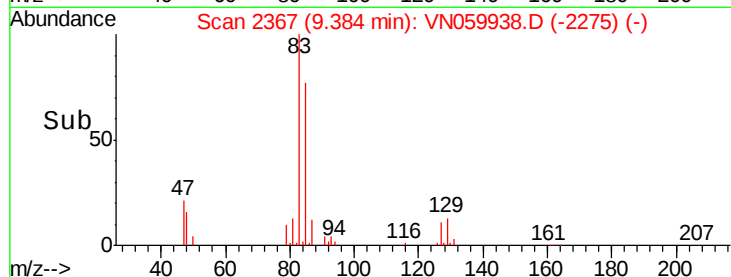
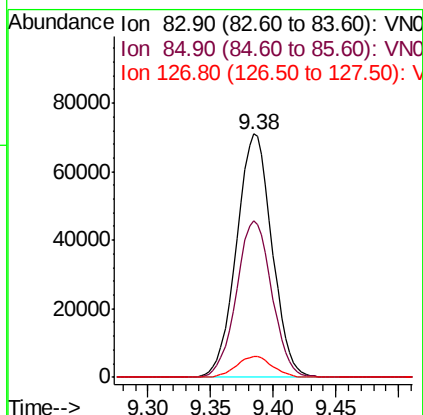
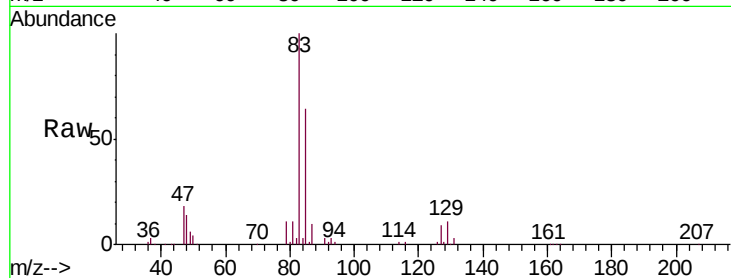




#47
 Bromodichloromethane
 Concen: 53.940 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

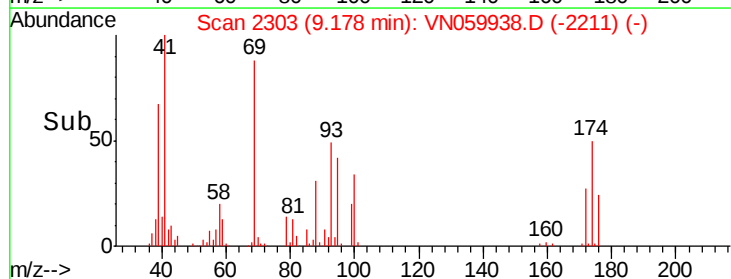
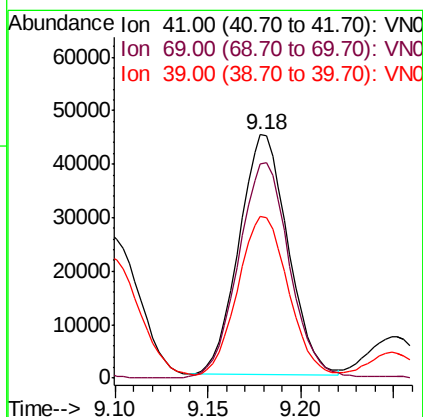
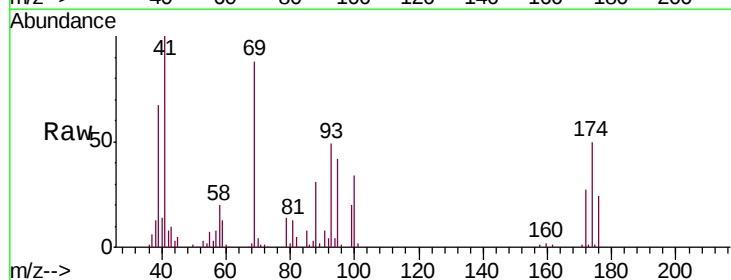
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 83 Resp: 139637
 Ion Ratio Lower Upper
 83 100
 85 64.2 51.1 76.7
 127 8.8 6.6 9.8



#48
 Methyl methacrylate
 Concen: 46.609 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion: 41 Resp: 82996
 Ion Ratio Lower Upper
 41 100
 69 93.7 64.4 96.6
 39 70.2 51.3 76.9

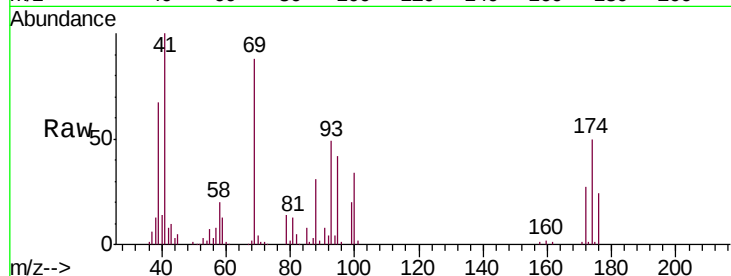




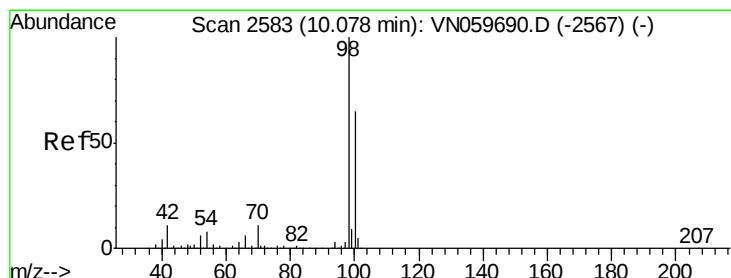
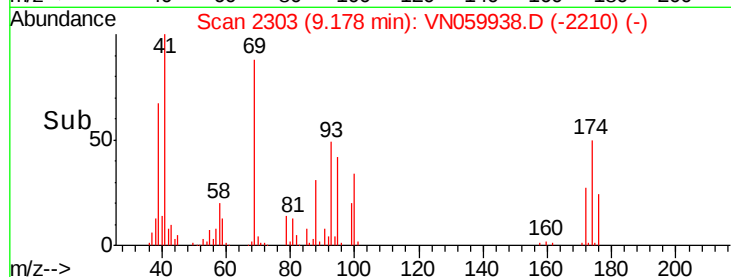
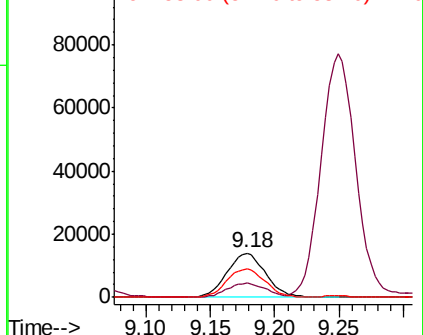
#49
1,4-Dioxane
Concen: 887.692 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 28937
Ion Ratio Lower Upper
88 100
43 32.3 29.7 44.5
58 64.7 56.6 85.0

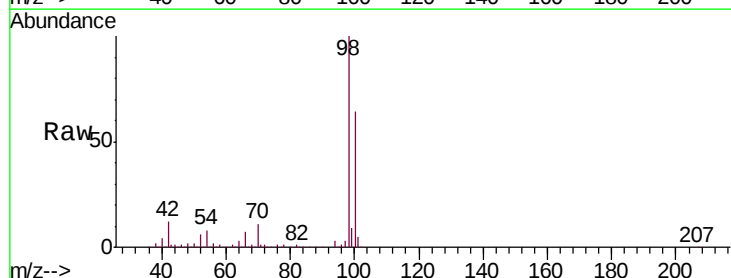


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

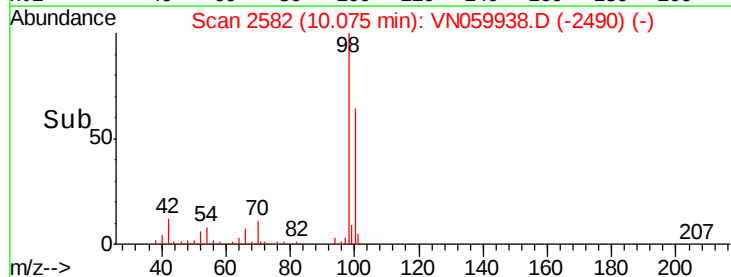
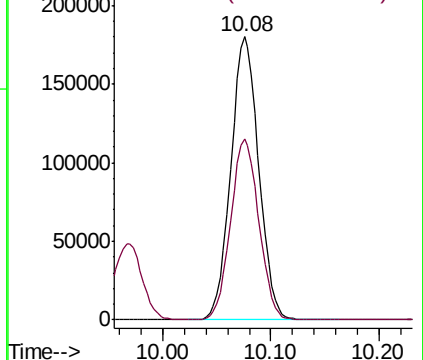


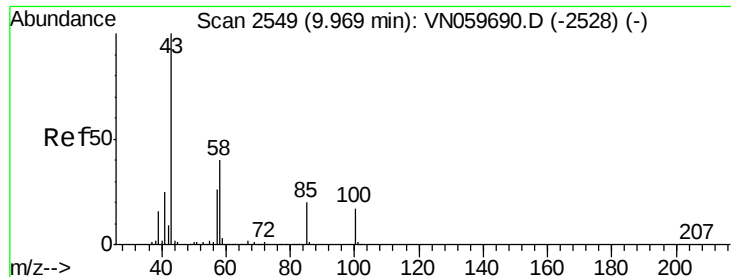
#50
Toluene-d8
Concen: 49.565 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion: 98 Resp: 324519
Ion Ratio Lower Upper
98 100
100 64.7 51.2 76.8



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

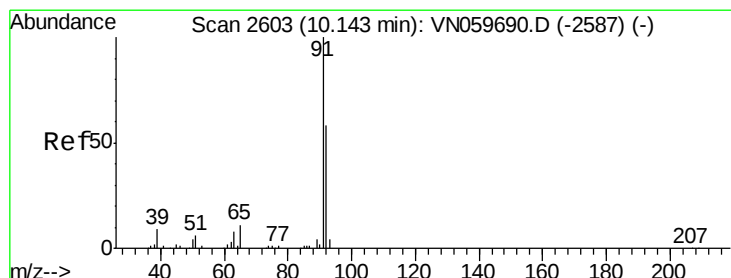
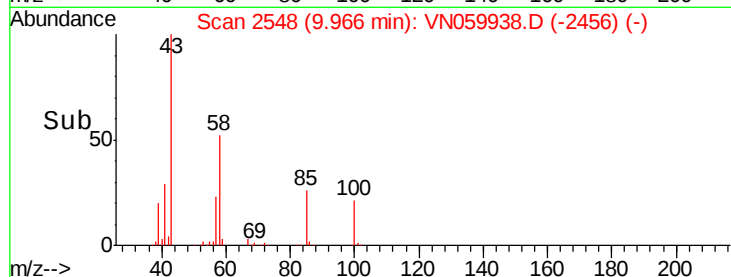
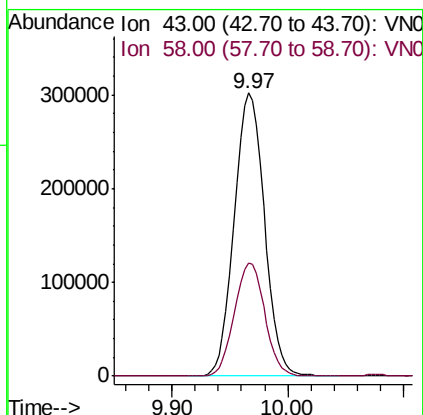
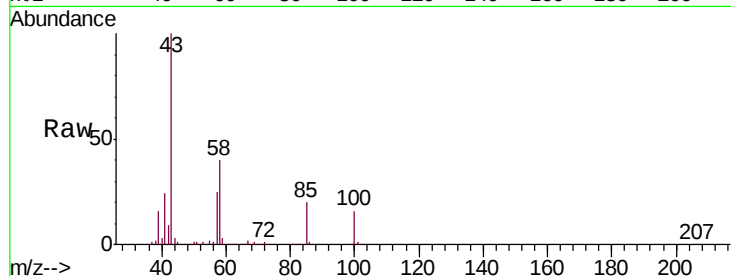




#51
 4-Methyl-2-Pentanone
 Concen: 236.454 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

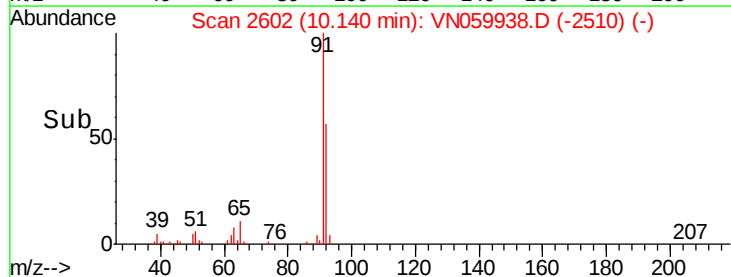
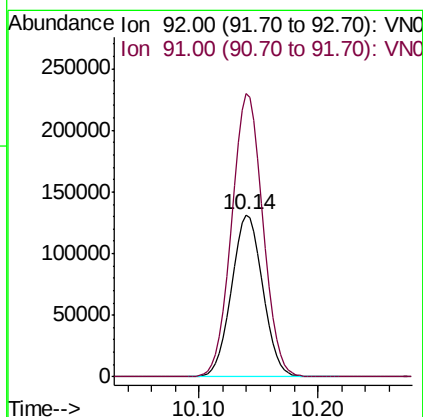
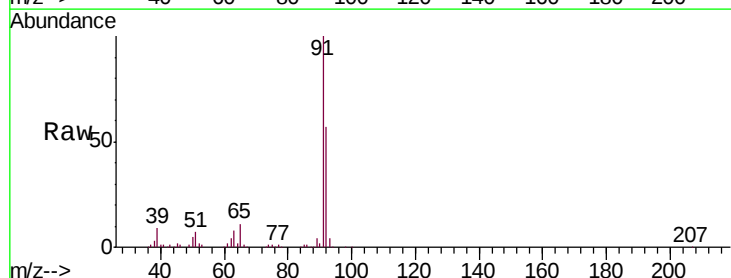
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 544150
 Ion Ratio Lower Upper
 43 100
 58 40.2 29.8 44.8



#52
 Toluene
 Concen: 51.598 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion: 92 Resp: 239858
 Ion Ratio Lower Upper
 92 100
 91 174.2 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 53.207 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

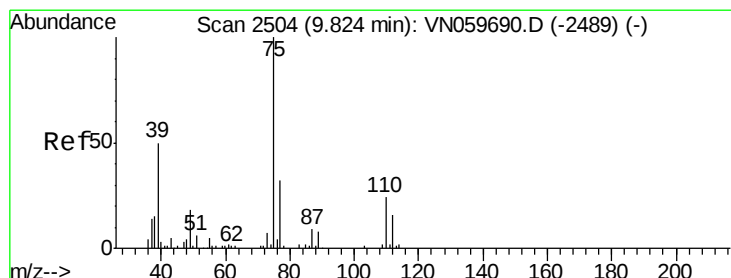
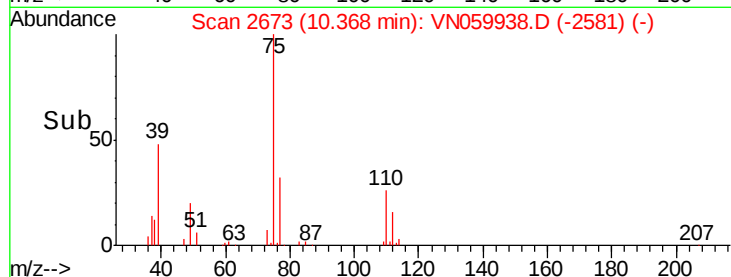
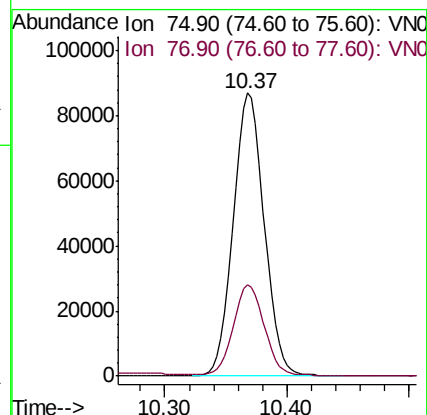
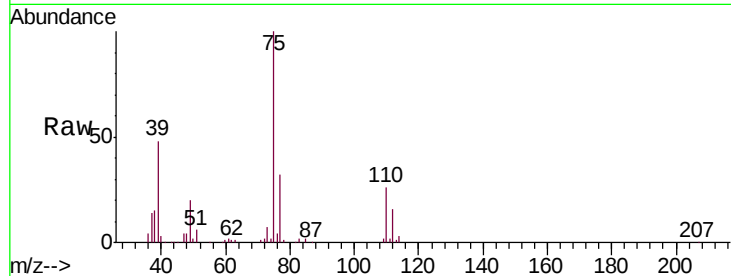
VSTDCCC050

Tgt Ion: 75 Resp: 153797

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 54.252 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

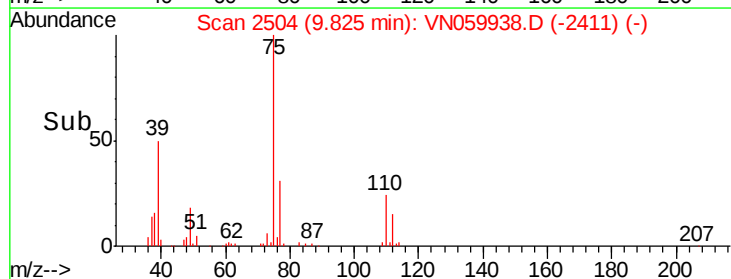
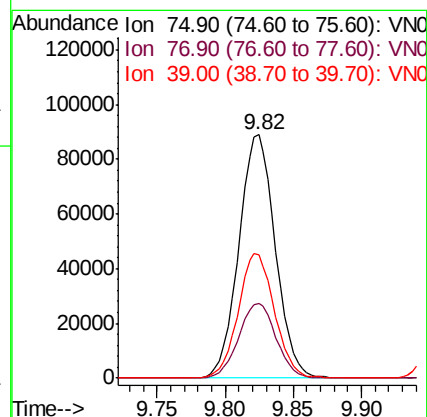
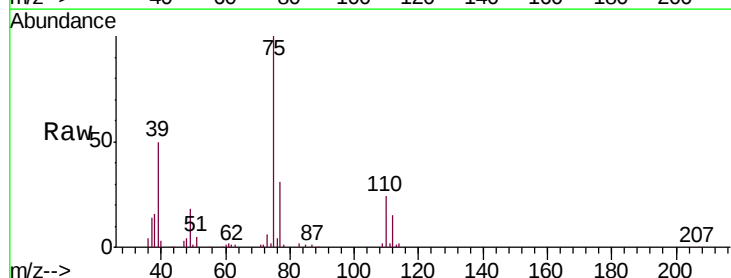
Tgt Ion: 75 Resp: 165003

Ion Ratio Lower Upper

75 100

77 30.9 25.1 37.7

39 50.4 46.1 69.1

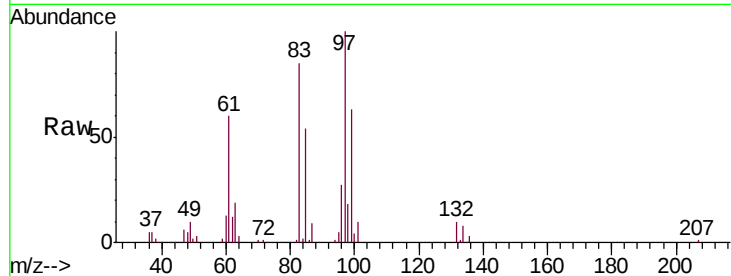




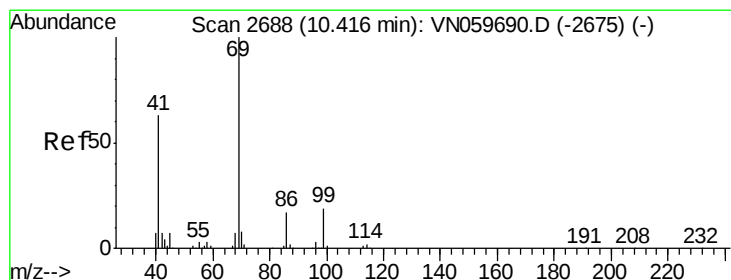
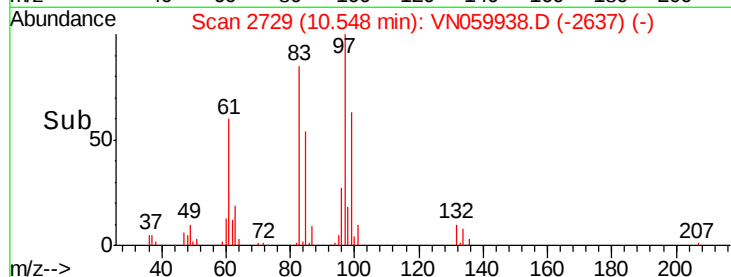
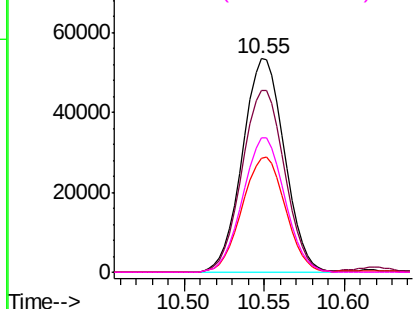
#55
 1,1,2-Trichloroethane
 Concen: 52.196 ug/l
 RT: 10.55 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 97 Resp: 96099
 Ion Ratio Lower Upper
 97 100
 83 85.4 71.3 106.9
 85 53.5 45.8 68.8
 99 63.2 50.0 75.0

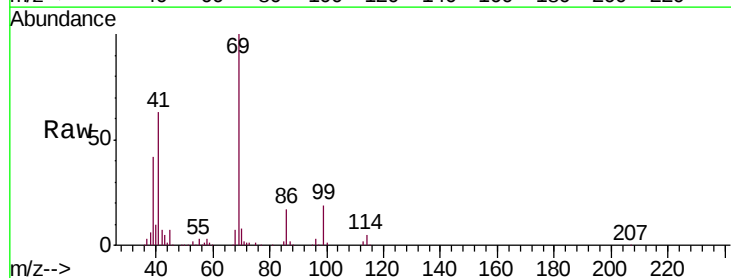


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

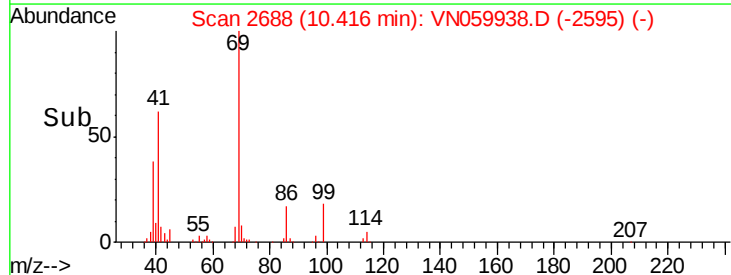
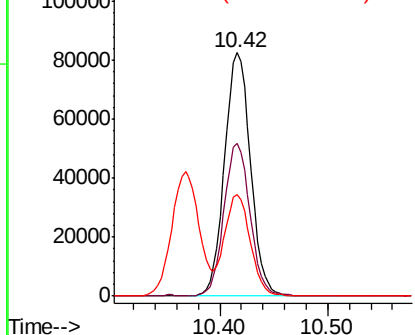


#56
 Ethyl methacrylate
 Concen: 49.178 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion: 69 Resp: 138349
 Ion Ratio Lower Upper
 69 100
 41 63.3 57.1 85.7
 39 41.0 34.7 52.1



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





#57

1,3-Dichloropropane

Concen: 53.165 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

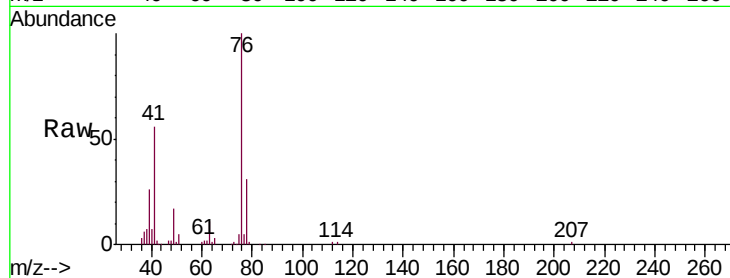
VSTDCCC050

Tgt Ion: 76 Resp: 155402

Ion Ratio Lower Upper

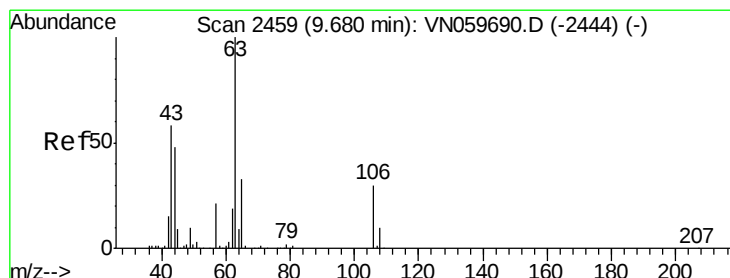
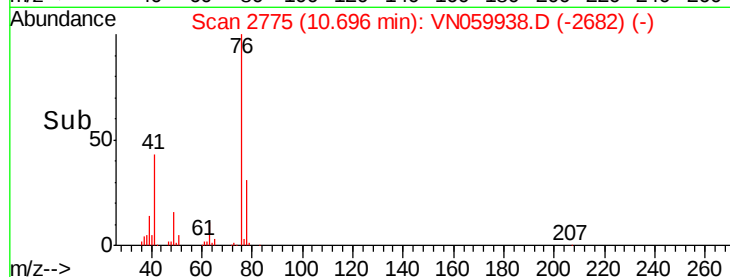
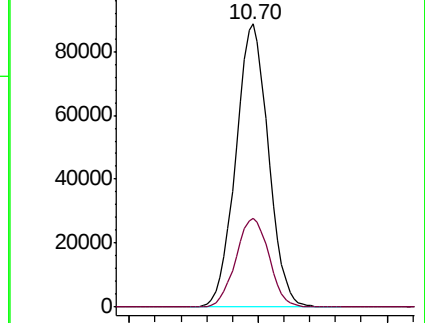
76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN059938.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN059938.D (-2682) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 307.204 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN059938.D

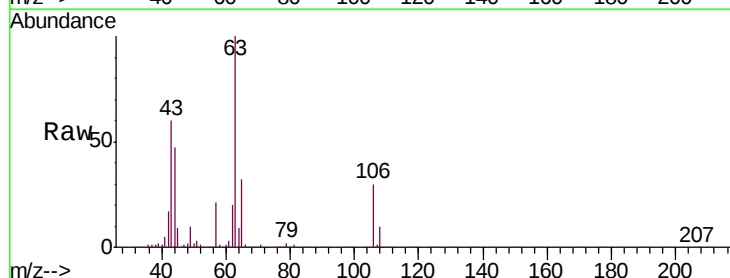
Acq: 31 Jan 2020 10:54

Tgt Ion: 63 Resp: 260312

Ion Ratio Lower Upper

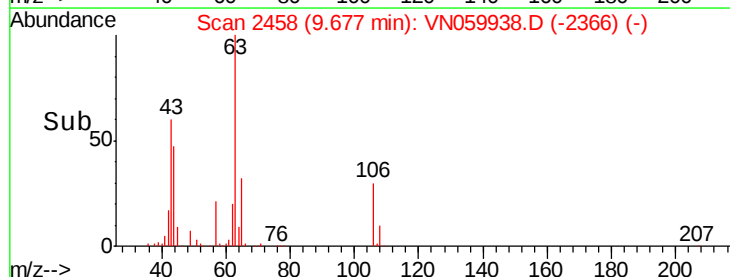
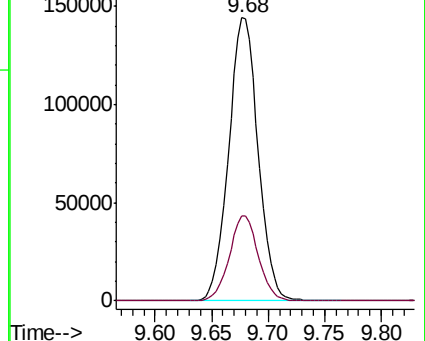
63 100

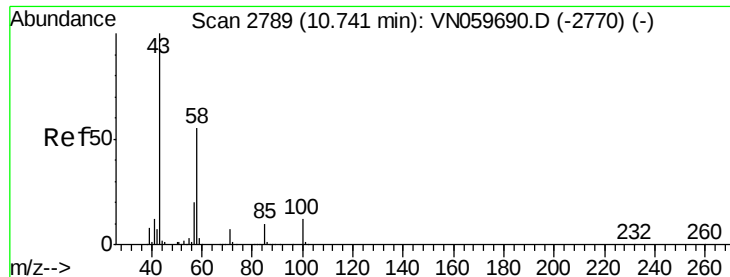
106 29.4 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN059938.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN059938.D (-2366) (-)

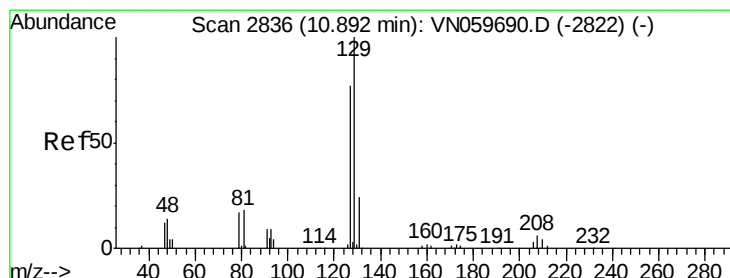
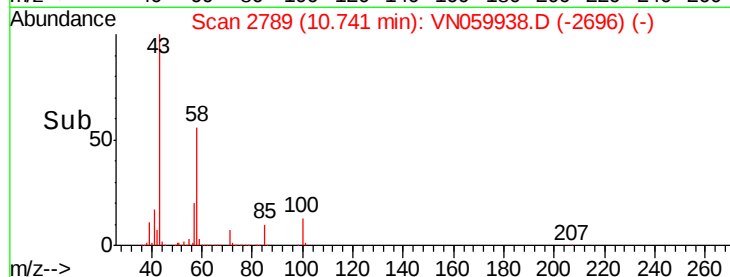
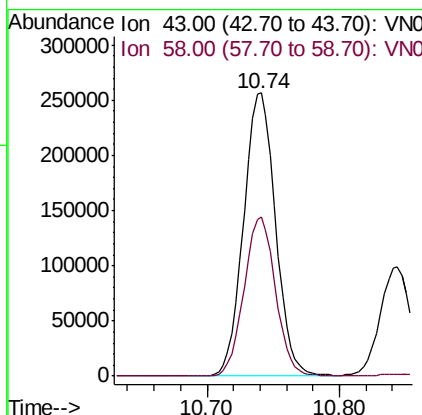
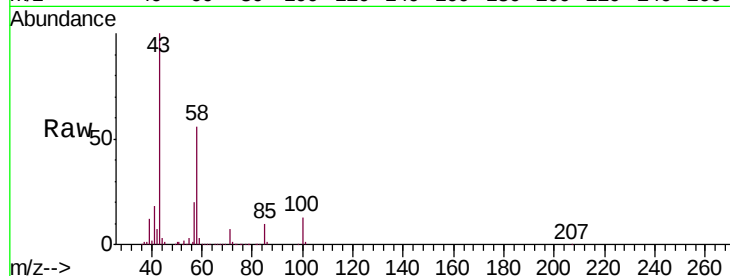




#59
2-Hexanone
Concen: 253.066 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

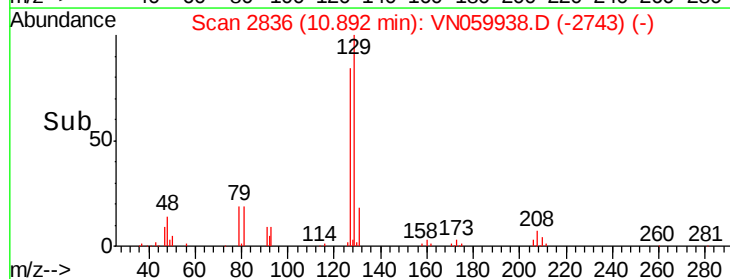
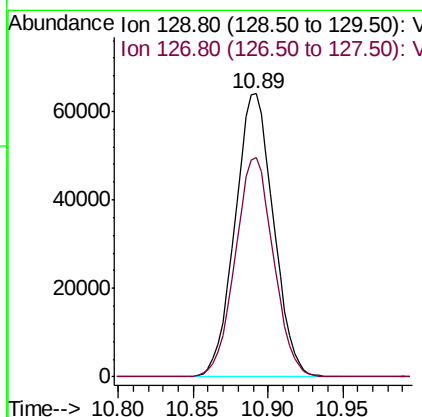
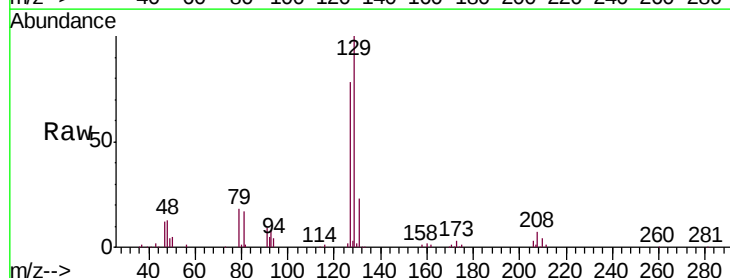
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

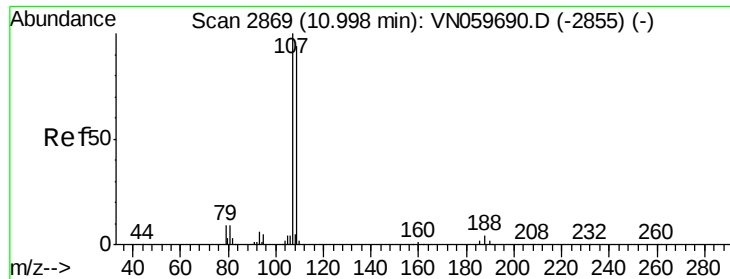
Tgt Ion: 43 Resp: 429040
Ion Ratio Lower Upper
43 100
58 55.6 25.8 77.3



#60
Dibromochloromethane
Concen: 54.668 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion: 129 Resp: 114618
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5

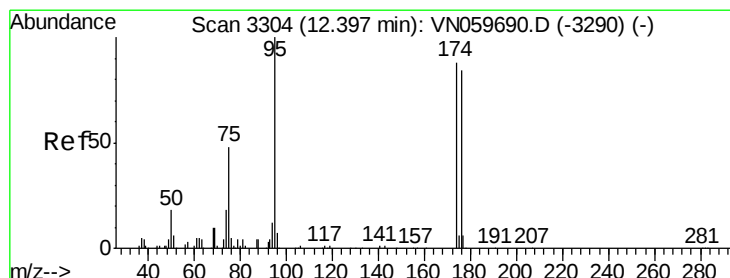
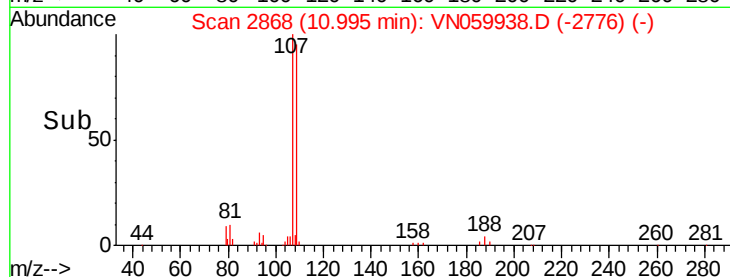
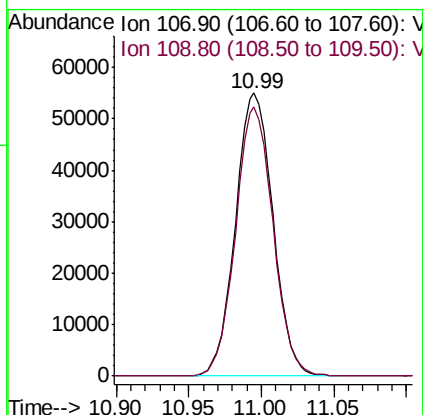
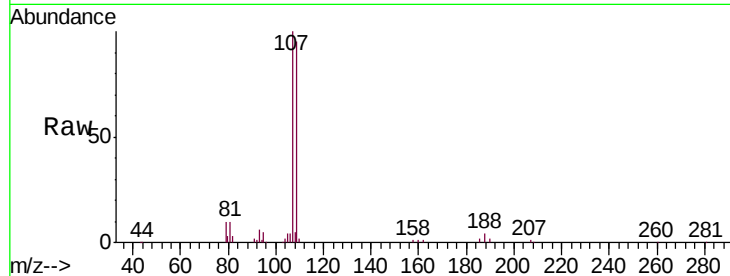




#61
1,2-Dibromoethane
Concen: 51.332 ug/l
RT: 10.99 min Scan# 2868
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

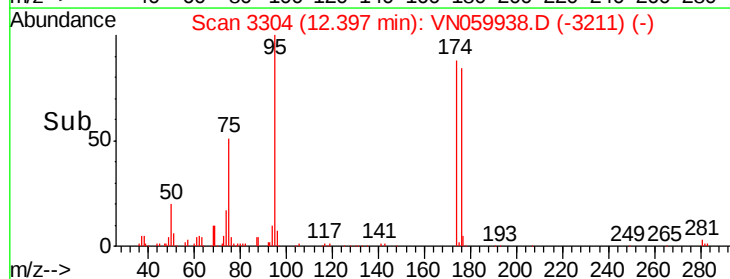
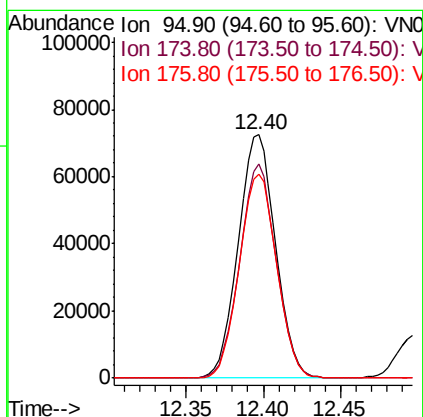
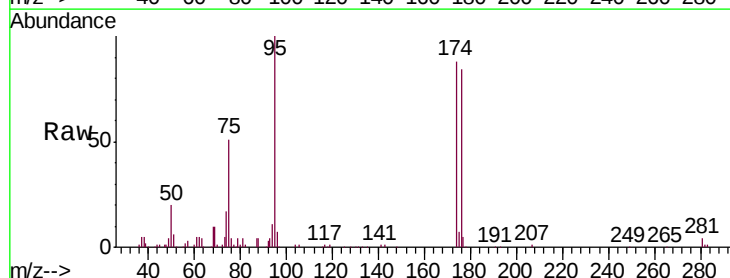
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

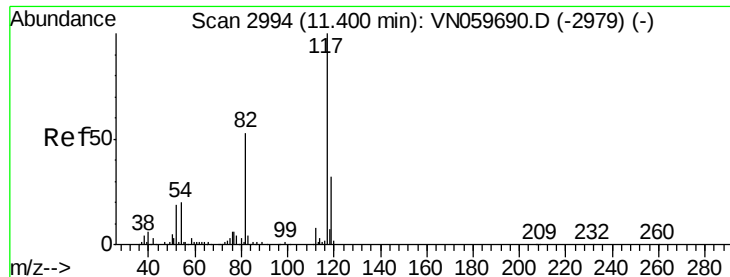
Tgt Ion: 107 Resp: 99057
Ion Ratio Lower Upper
107 100
109 94.7 76.6 115.0



#62
4-Bromofluorobenzene
Concen: 51.460 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion: 95 Resp: 121463
Ion Ratio Lower Upper
95 100
174 86.2 0.0 151.4
176 84.2 0.0 146.0

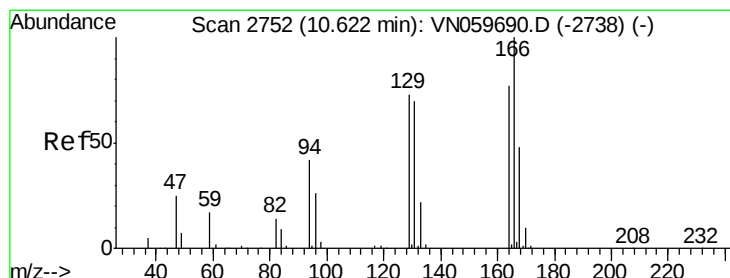
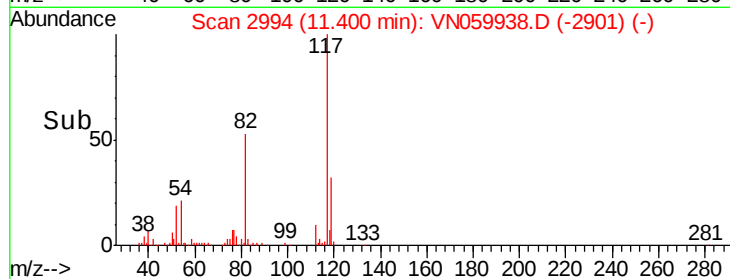
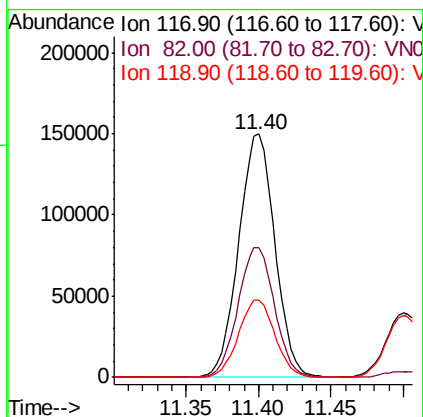
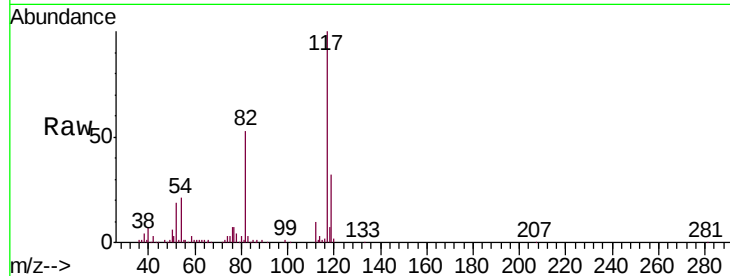




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

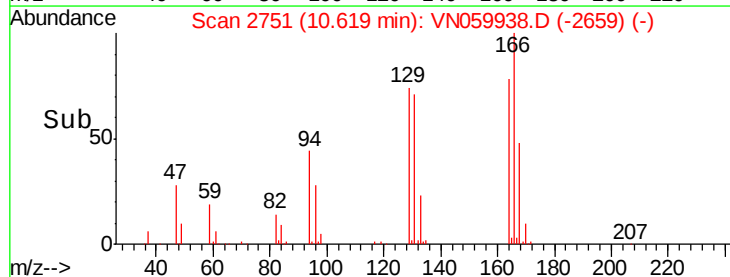
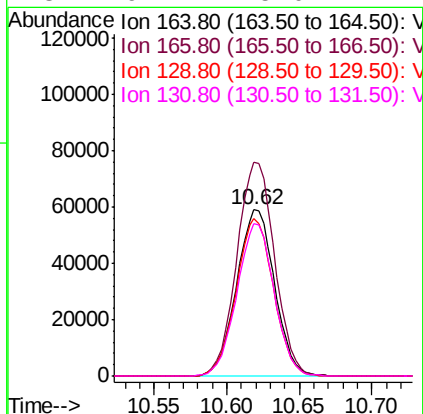
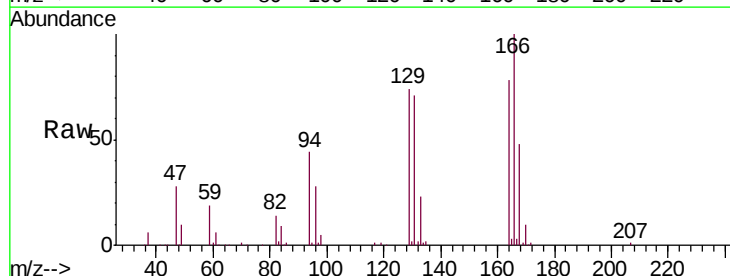
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

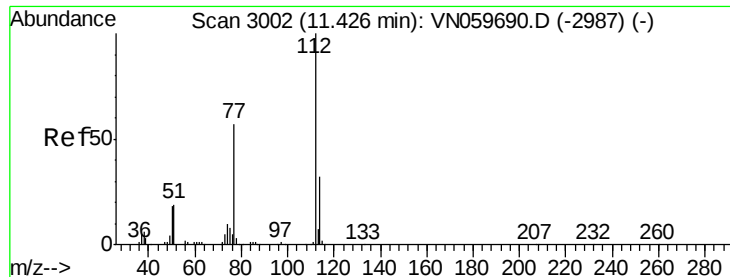
Tgt Ion:117 Resp: 259959
Ion Ratio Lower Upper
117 100
82 53.1 45.9 68.9
119 31.7 25.5 38.3



#64
Tetrachloroethene
Concen: 50.549 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion:164 Resp: 107097
Ion Ratio Lower Upper
164 100
166 128.7 101.4 152.0
129 95.1 80.2 120.4
131 91.7 75.0 112.4

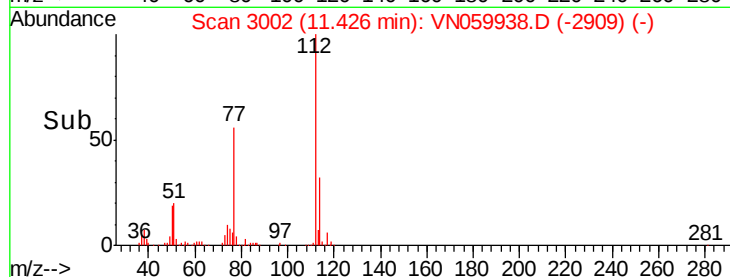
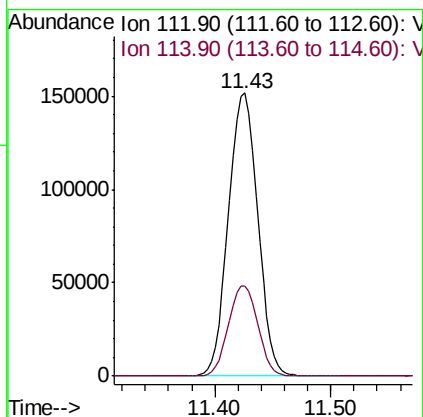
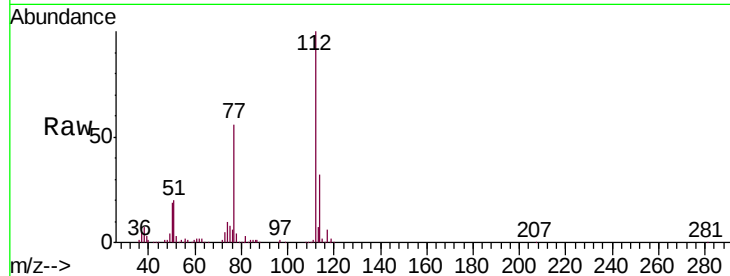




#65
Chlorobenzene
Concen: 52.008 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

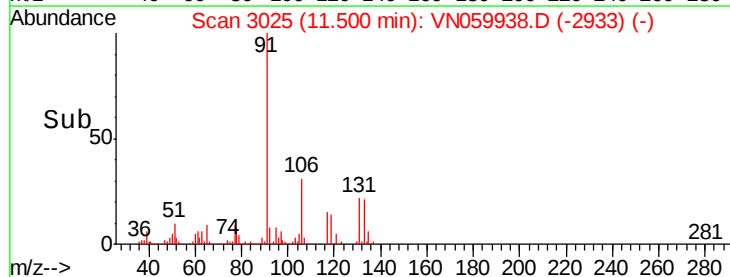
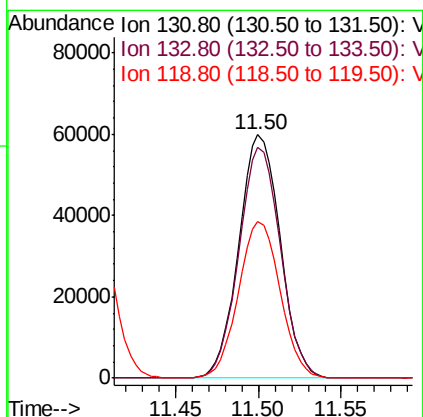
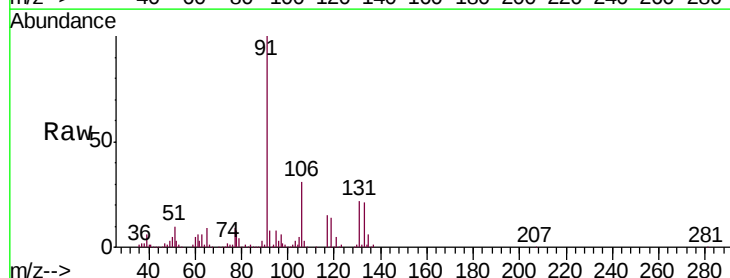
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 265738
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.820 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion:131 Resp: 104285
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.2
119 64.6 33.1 99.3

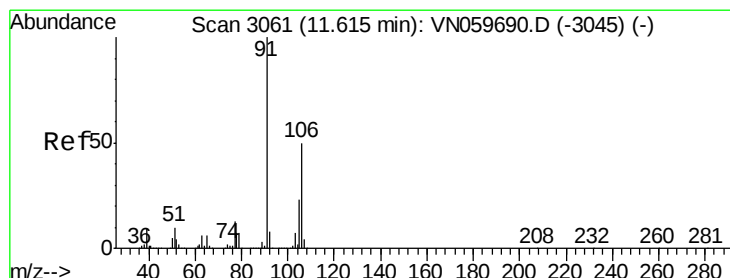
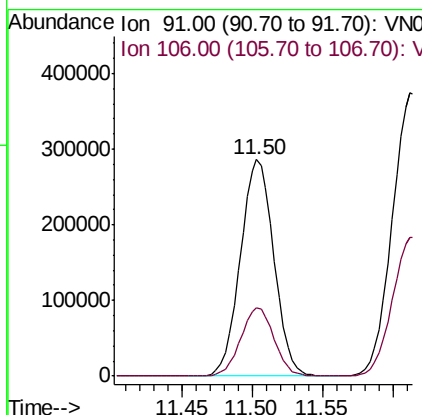
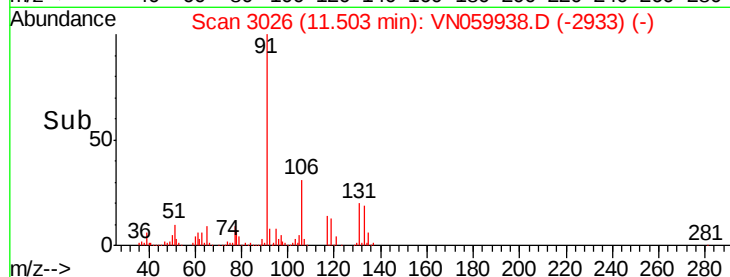
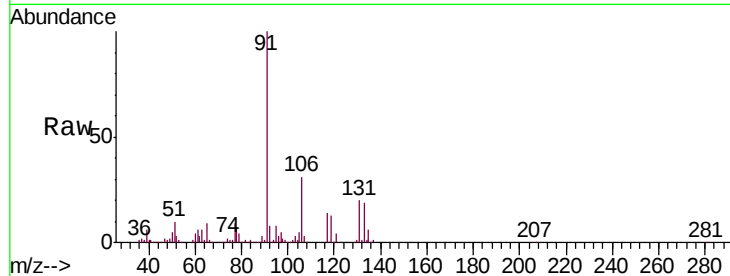




#67
Ethyl Benzene
Concen: 51.370 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

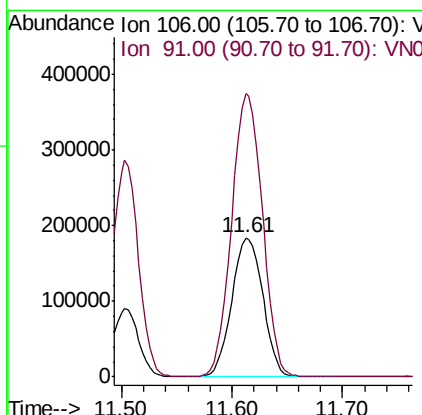
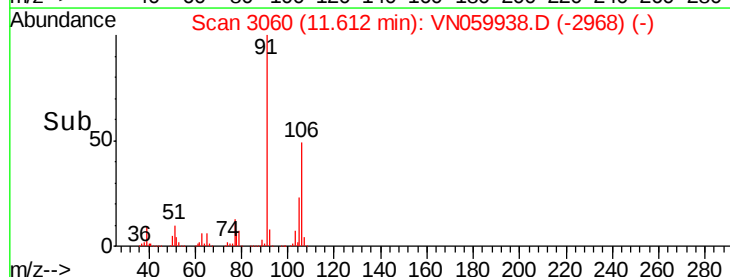
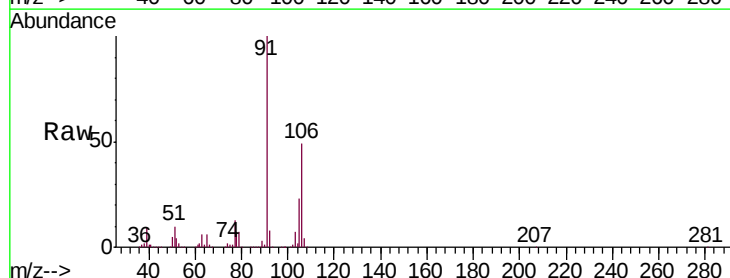
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 476484
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1



#68
m/p-Xylenes
Concen: 102.640 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion: 106 Resp: 359624
Ion Ratio Lower Upper
106 100
91 201.4 167.9 251.9

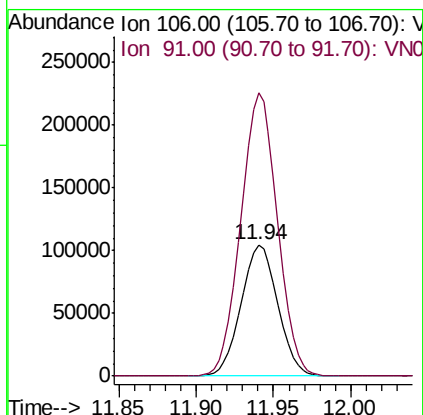
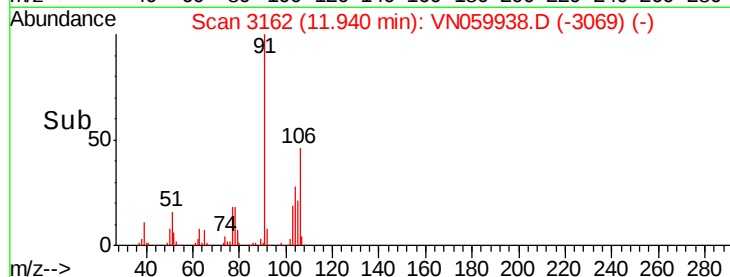
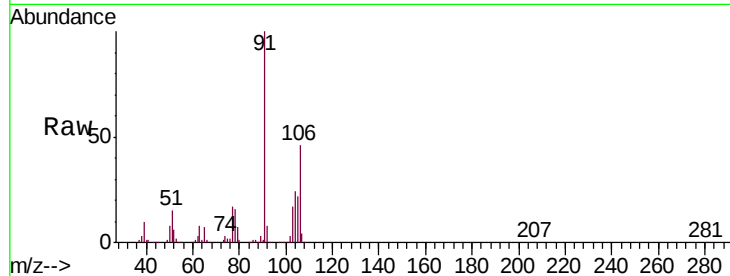




#69
o-Xylene
Concen: 50.333 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

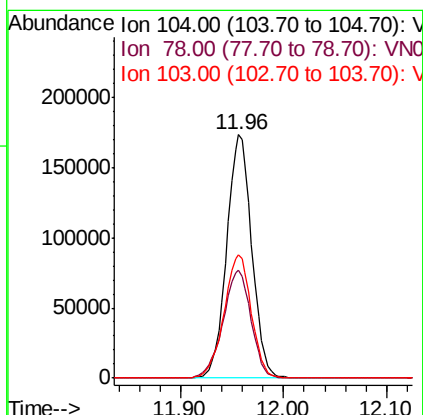
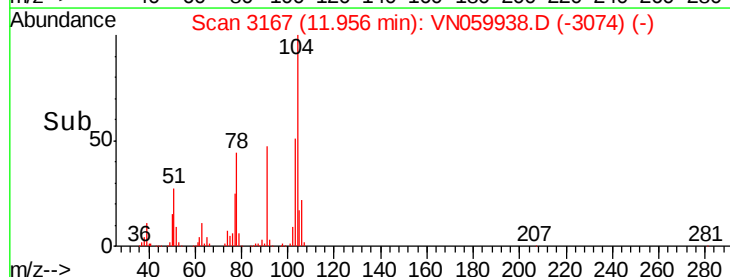
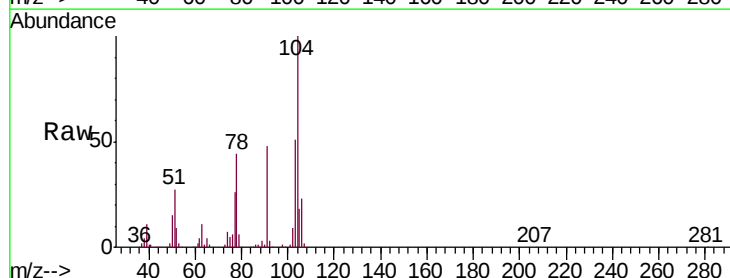
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

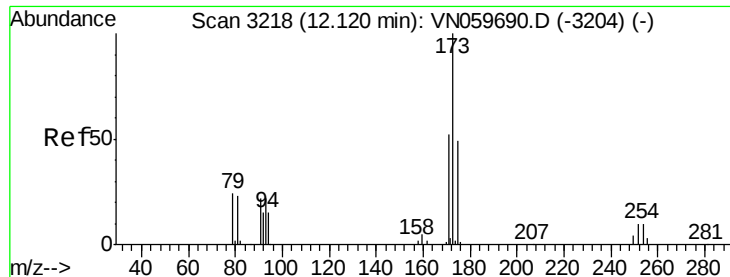
Tgt Ion:106 Resp: 172653
Ion Ratio Lower Upper
106 100
91 215.8 110.3 330.9



#70
Styrene
Concen: 51.206 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion:104 Resp: 293915
Ion Ratio Lower Upper
104 100
78 49.2 42.4 63.6
103 55.0 43.9 65.9

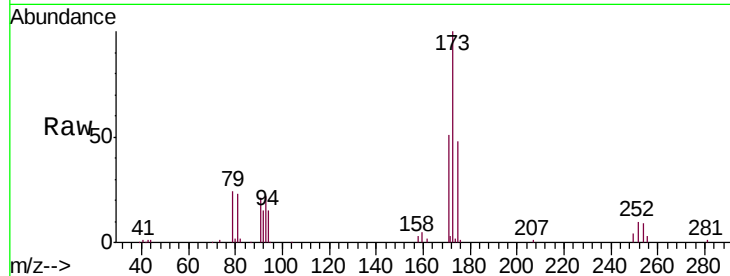




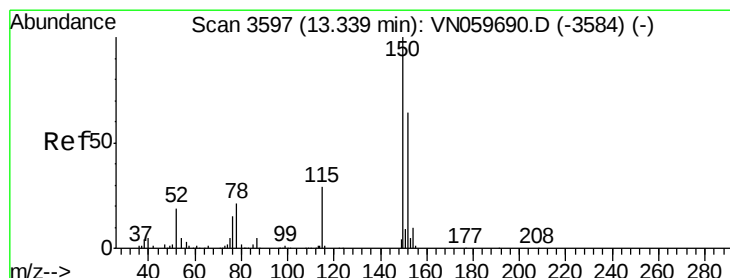
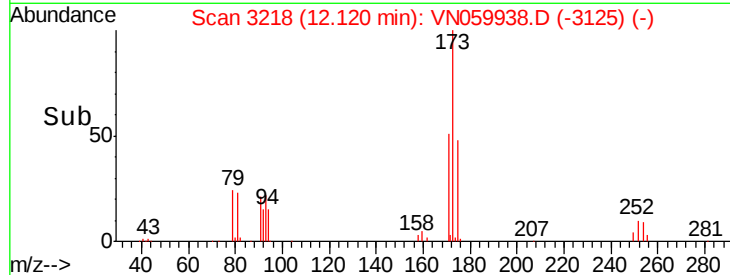
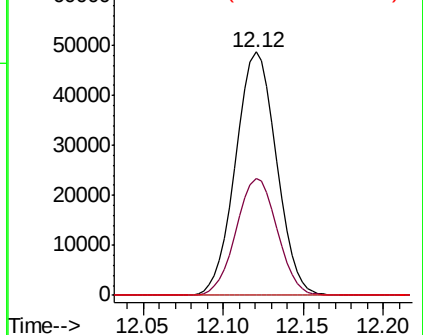
#71
Bromoform
Concen: 53.612 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 84786
Ion Ratio Lower Upper
173 100
175 48.4 23.8 71.4
254 0.0 0.0 0.0

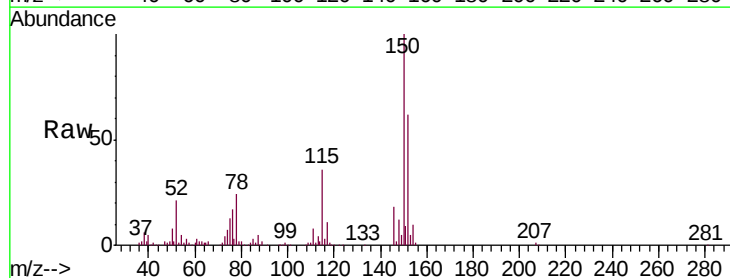


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

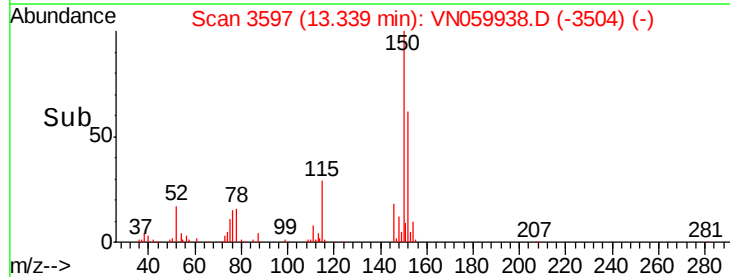
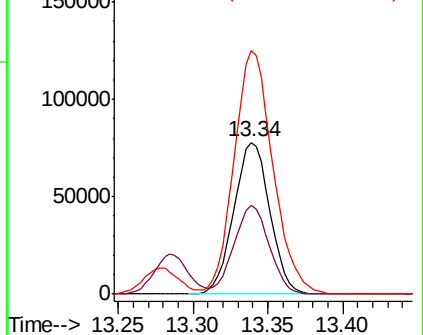


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion:152 Resp: 130397
Ion Ratio Lower Upper
152 100
115 57.4 30.3 90.9
150 173.2 0.0 345.2



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





#73

Isopropylbenzene

Concen: 49.607 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

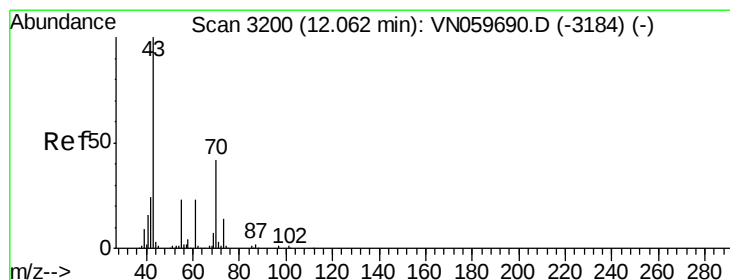
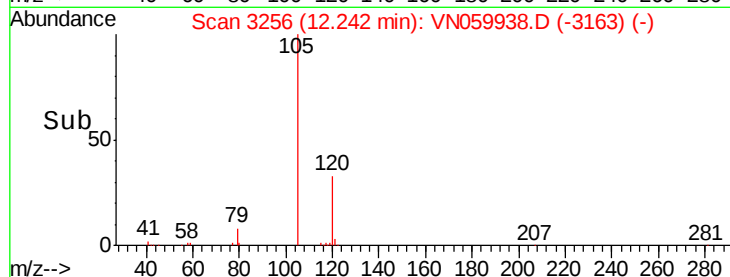
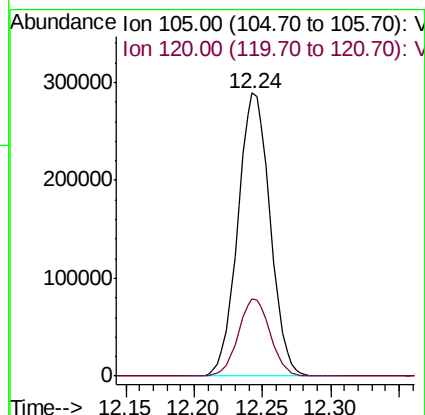
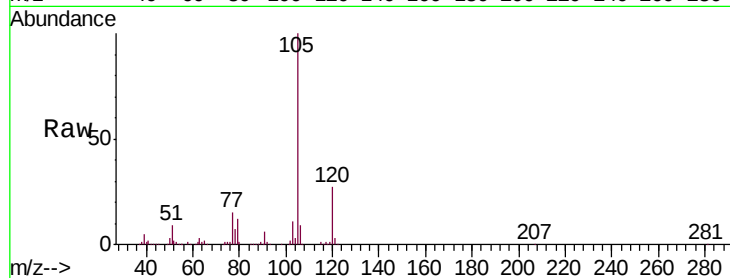
VSTDCCC050

Tgt Ion: 105 Resp: 474405

Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5



#74

N-ethyl acetate

Concen: 45.975 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Tgt Ion: 43 Resp: 170604

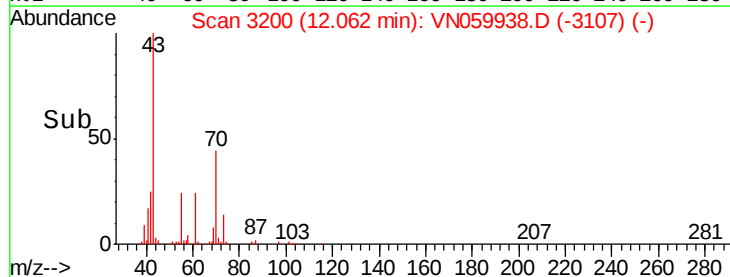
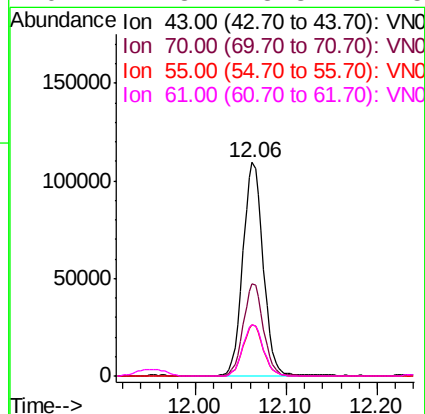
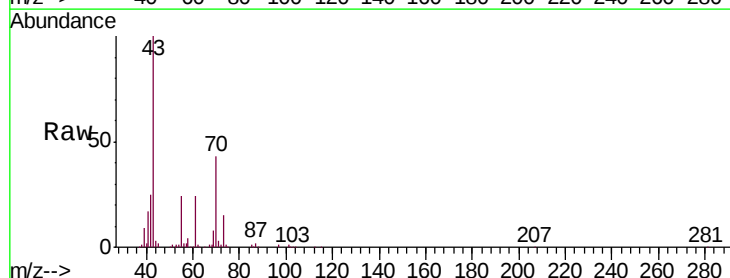
Ion Ratio Lower Upper

43 100

70 42.4 31.3 46.9

55 23.8 19.8 29.6

61 24.3 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.560 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

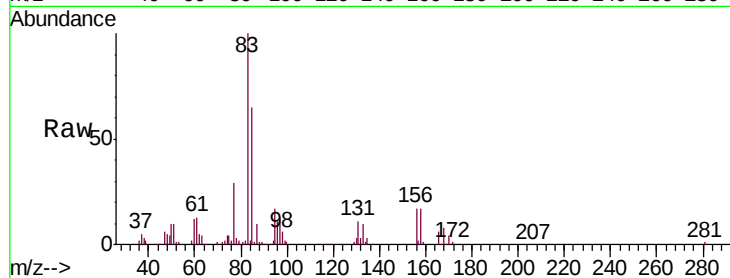
Tgt Ion: 83 Resp: 131855

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

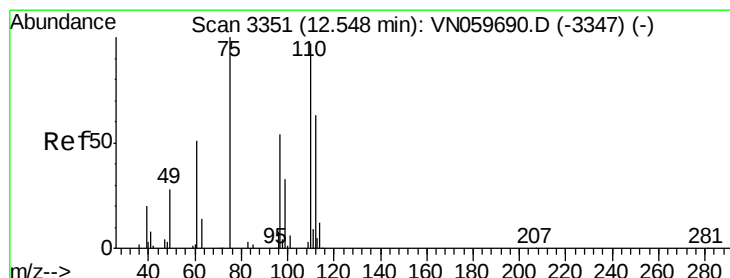
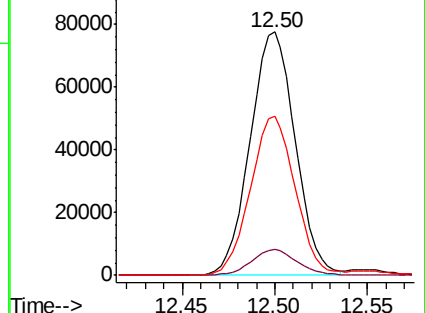
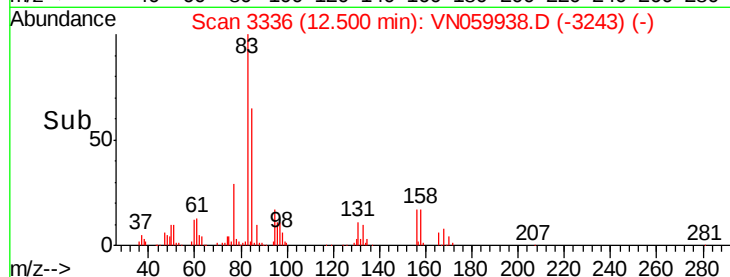
85 64.9 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059938.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN059938.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN059938.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 82.481 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059938.D

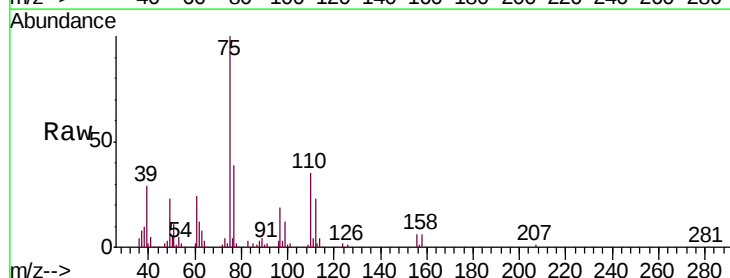
Acq: 31 Jan 2020 10:54

Tgt Ion: 75 Resp: 181001

Ion Ratio Lower Upper

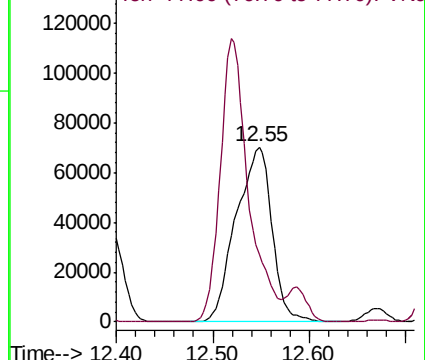
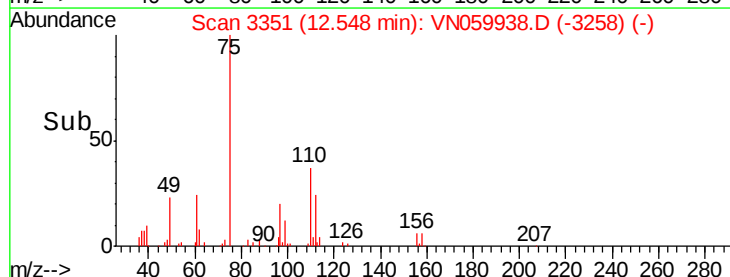
75 100

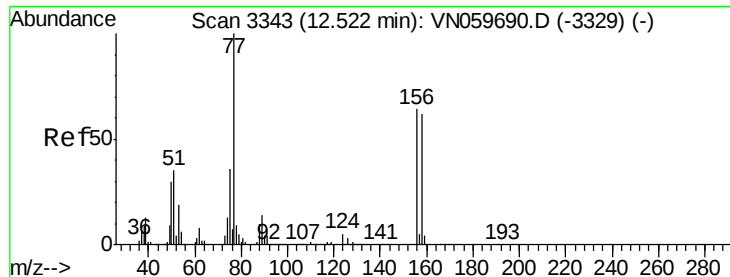
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059938.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN059938.D (-3258) (-)





#77

Bromobenzene

Concen: 49.747 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

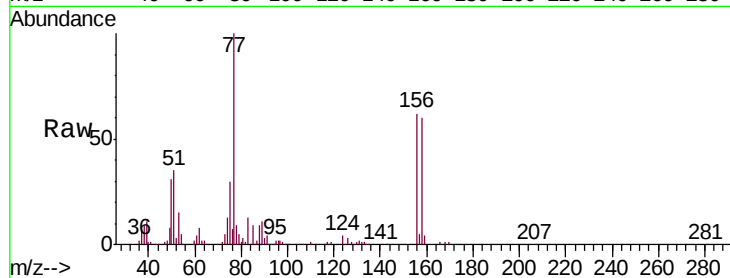
Tgt Ion:156 Resp: 120477

Ion Ratio Lower Upper

156 100

77 192.1 115.8 347.4

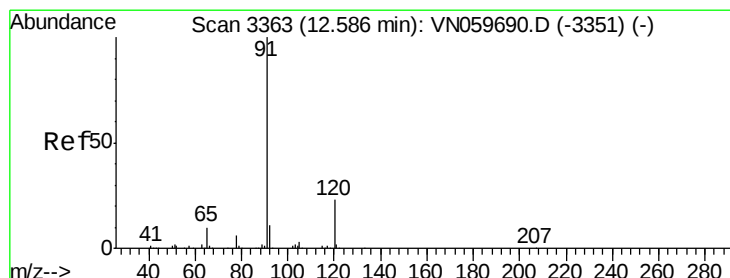
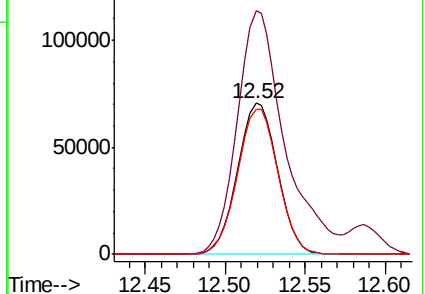
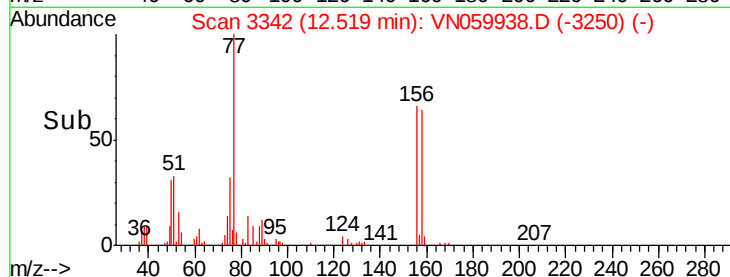
158 97.3 49.2 147.6



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: 50.570 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059938.D

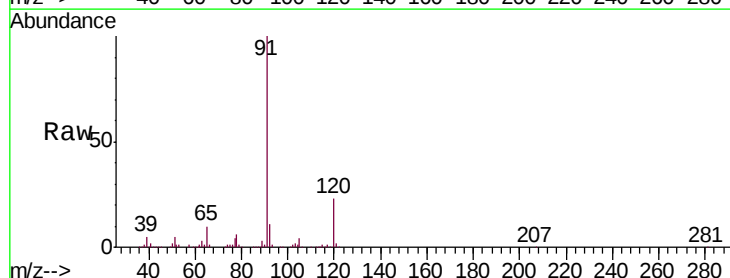
Acq: 31 Jan 2020 10:54

Tgt Ion: 91 Resp: 542808

Ion Ratio Lower Upper

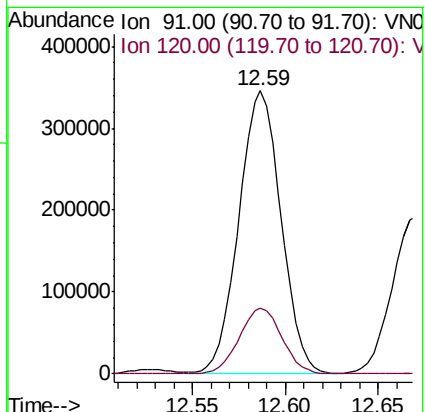
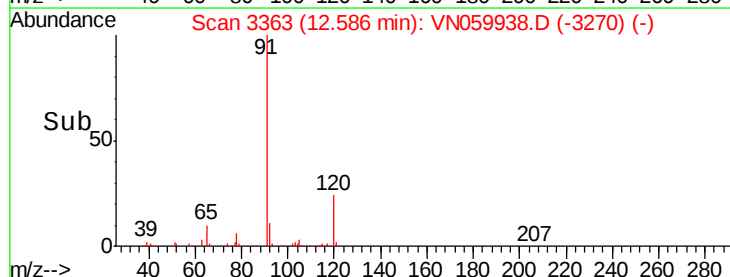
91 100

120 23.7 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.307 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

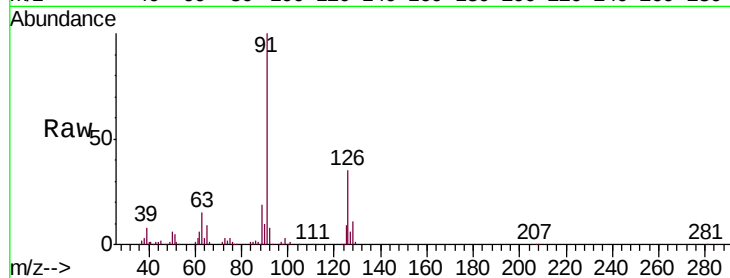
VSTDCCC050

Tgt Ion: 91 Resp: 314849

Ion Ratio Lower Upper

91 100

126 35.6 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059938.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059938.D (-3376) (-)

300000

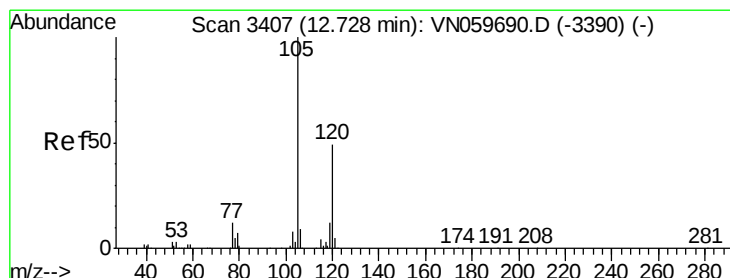
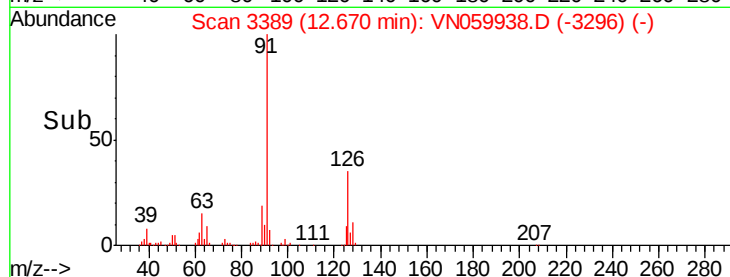
200000

100000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.058 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059938.D

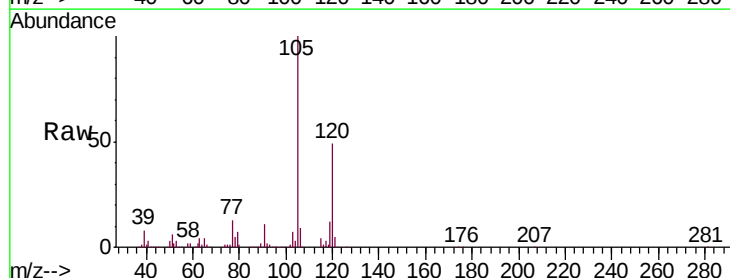
Acq: 31 Jan 2020 10:54

Tgt Ion: 105 Resp: 402597

Ion Ratio Lower Upper

105 100

120 48.4 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059938.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN059938.D (-3314) (-)

300000

250000

200000

150000

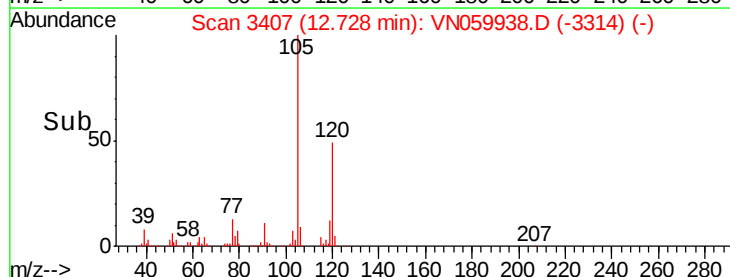
100000

50000

0

12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 48.800 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

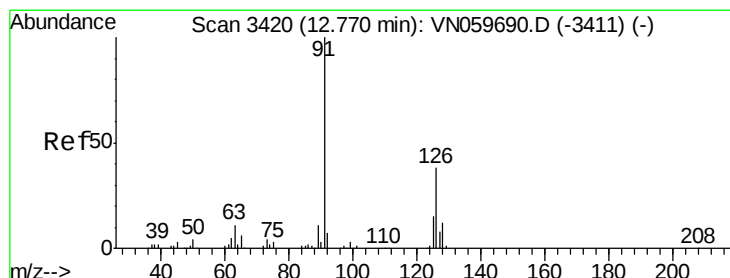
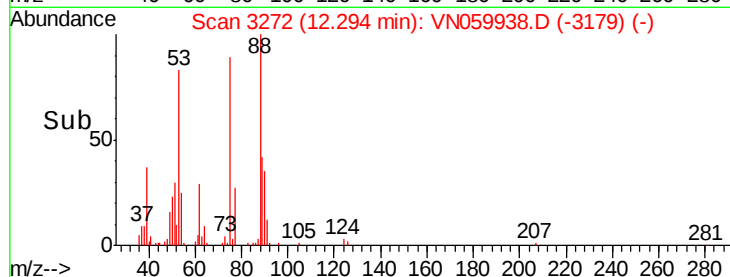
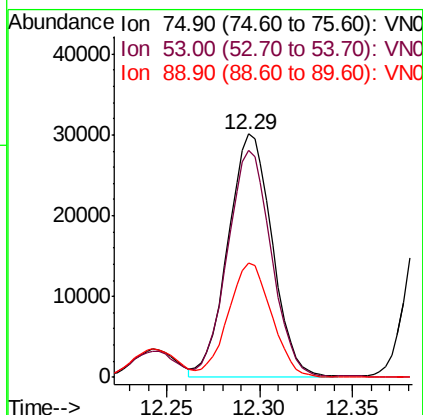
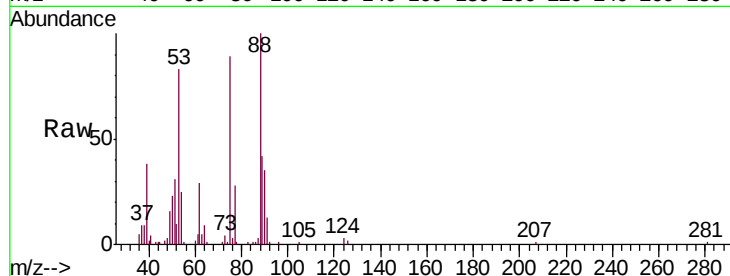
Tgt Ion: 75 Resp: 49867

Ion Ratio Lower Upper

75 100

53 92.7 78.1 117.1

89 46.1 35.4 53.2



#82

4-Chlorotoluene

Concen: 51.479 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059938.D

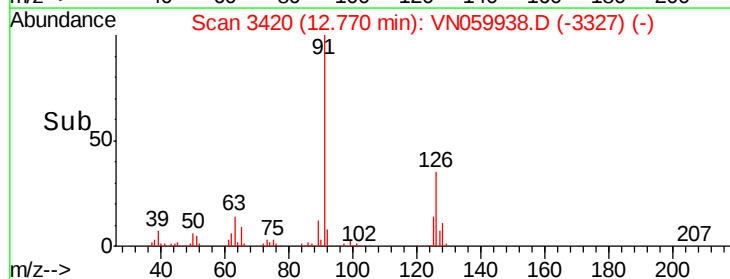
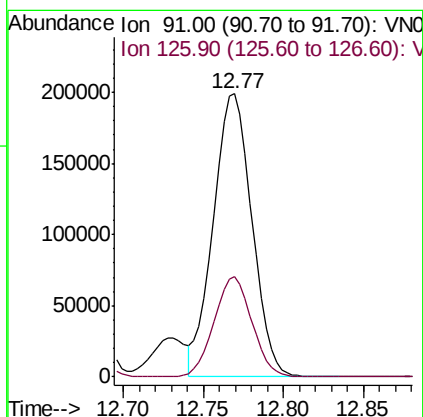
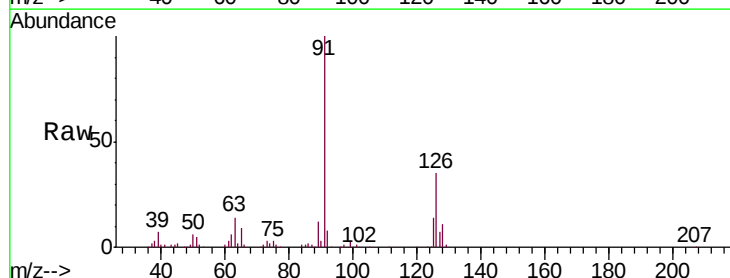
Acq: 31 Jan 2020 10:54

Tgt Ion: 91 Resp: 329714

Ion Ratio Lower Upper

91 100

126 34.7 16.3 48.8

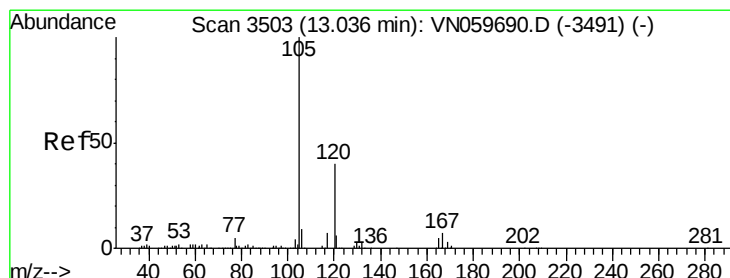
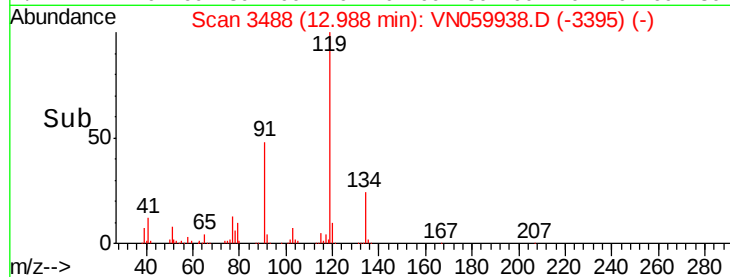
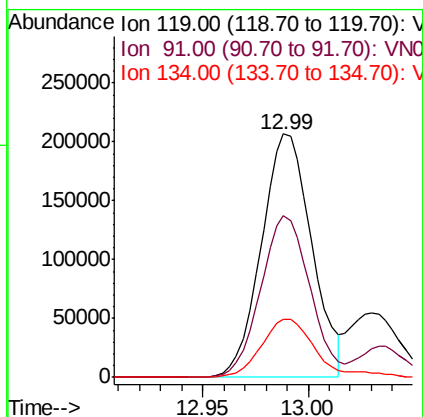
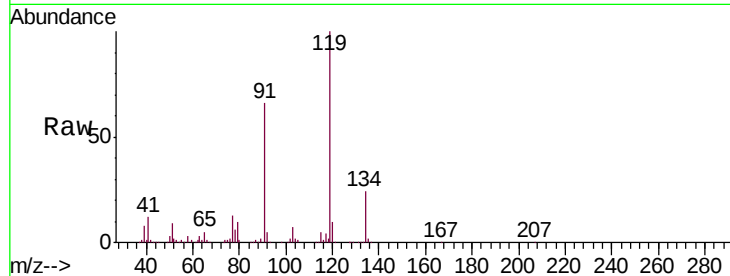




#83
 tert-Butylbenzene
 Concen: 49.352 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

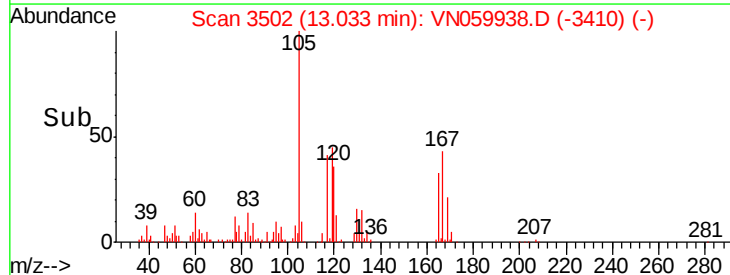
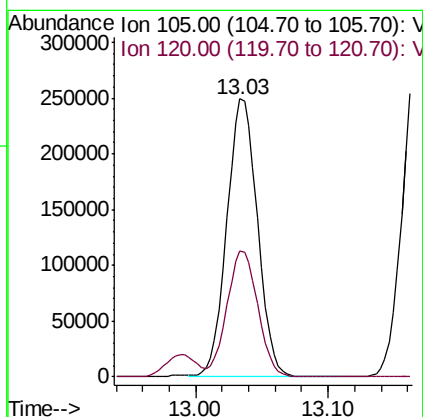
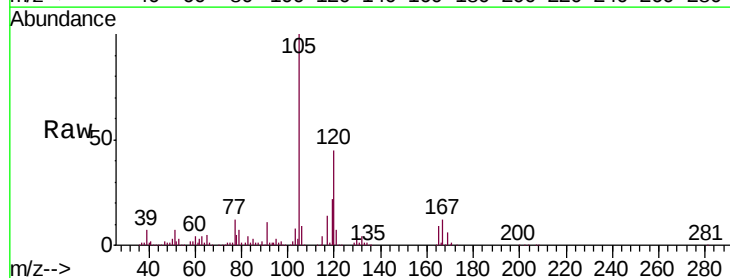
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:119 Resp: 343290
 Ion Ratio Lower Upper
 119 100
 91 65.3 34.8 104.4
 134 25.8 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.074 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. -0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion:105 Resp: 398430
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.3 66.9

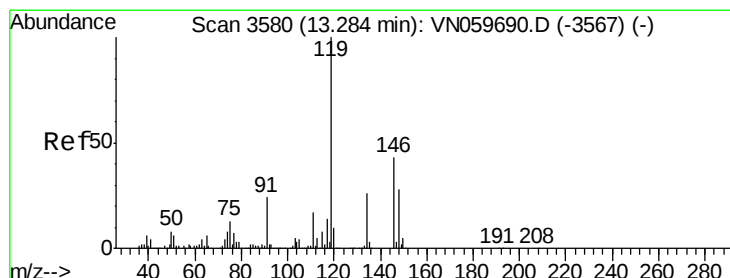
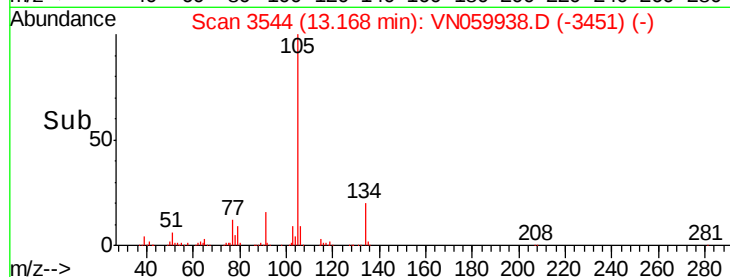
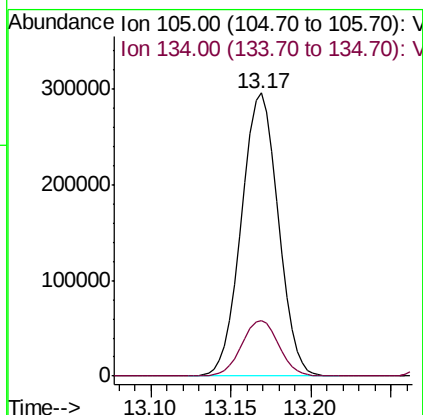
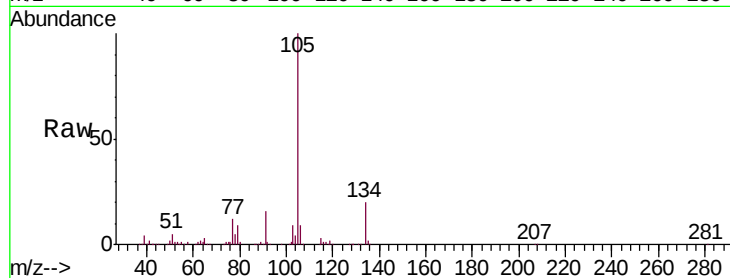




#85
 sec-Butylbenzene
 Concen: 50.670 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

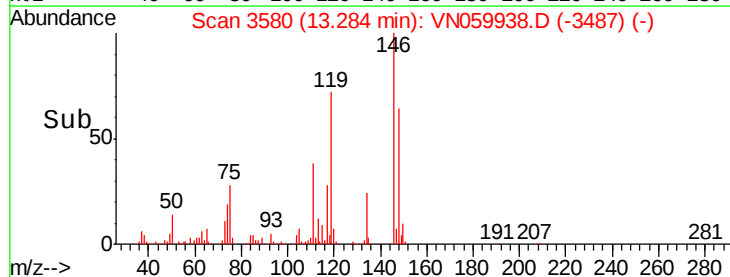
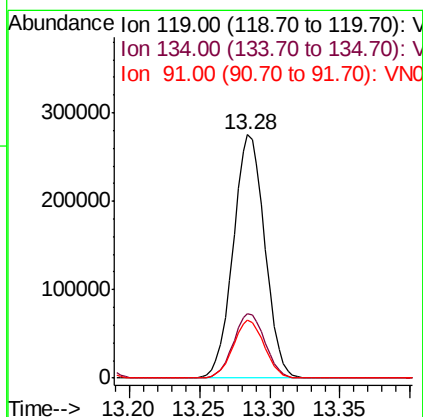
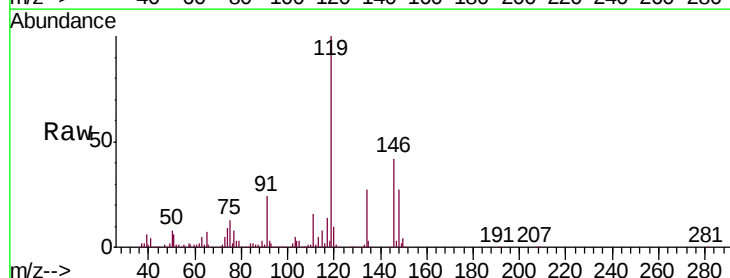
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 463070
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.863 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion:119 Resp: 430113
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.048 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. 0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

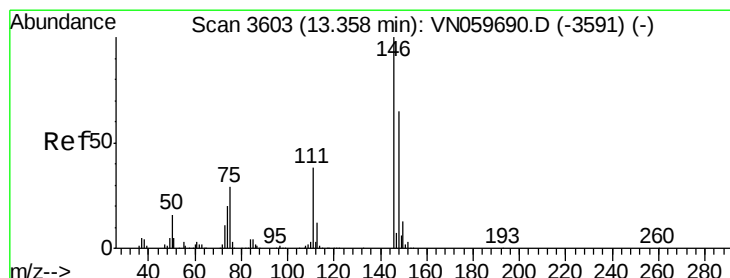
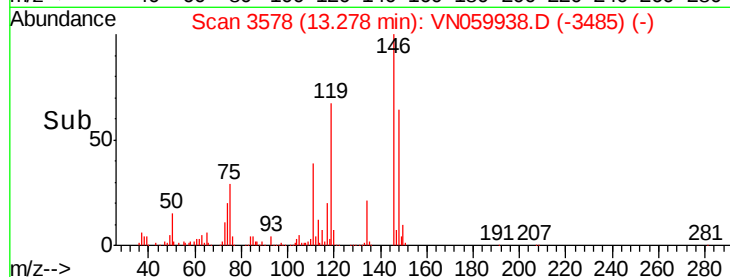
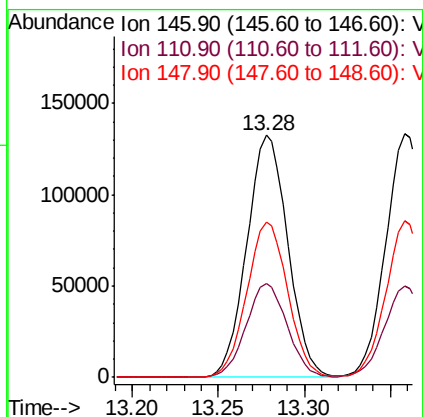
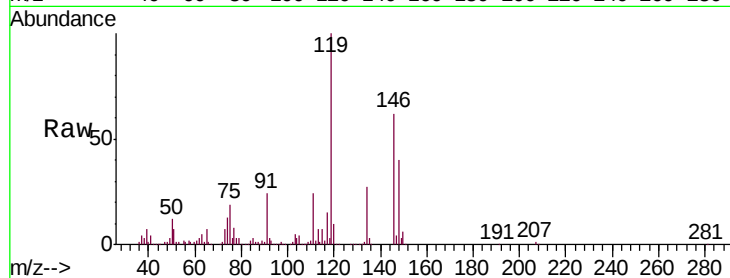
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:	146	Resp:	218955
Ion Ratio	Lower	Upper	
146	100		
111	38.9	20.8	62.2
148	64.0	32.0	96.0



#88

1,4-Dichlorobenzene

Concen: 51.973 ug/l

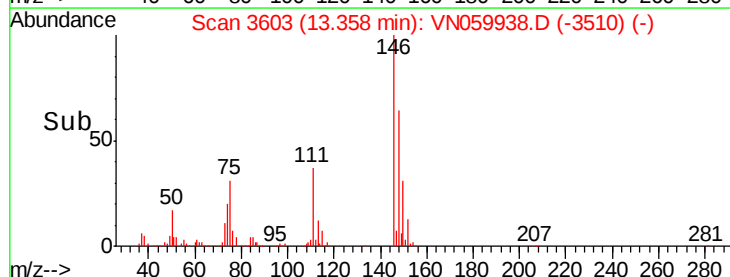
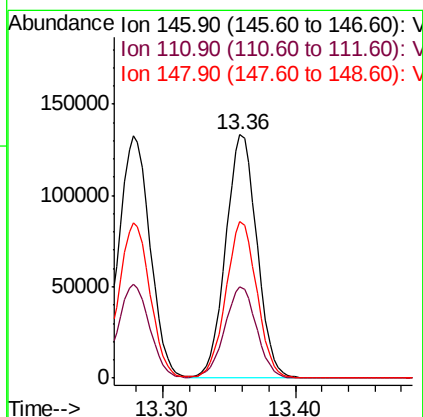
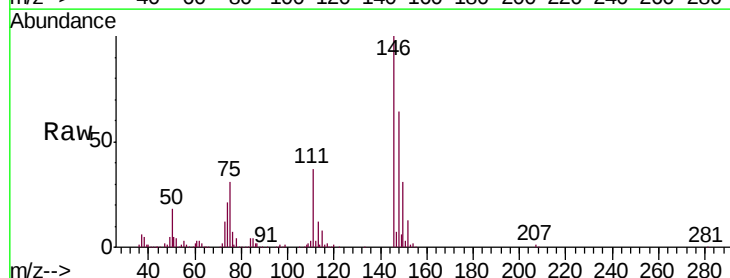
RT: 13.36 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN059938.D

Acq: 31 Jan 2020 10:54

Tgt Ion:	146	Resp:	218113
Ion Ratio	Lower	Upper	
146	100		
111	38.0	20.8	62.2
148	63.8	31.8	95.4

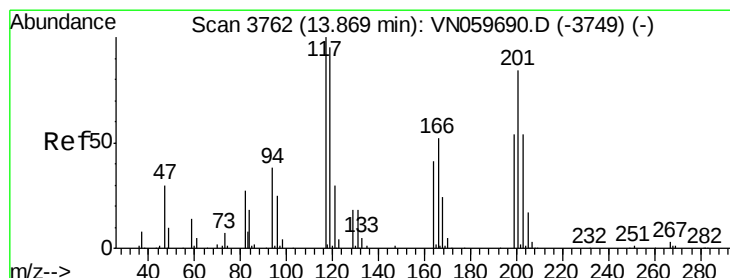
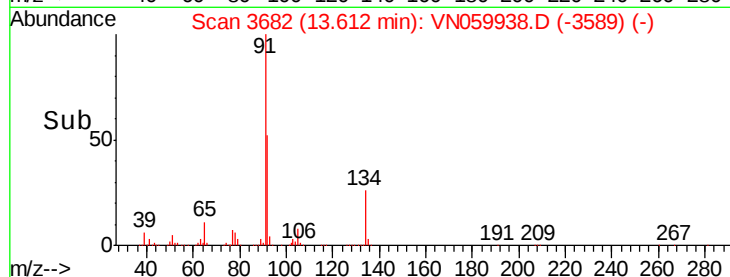
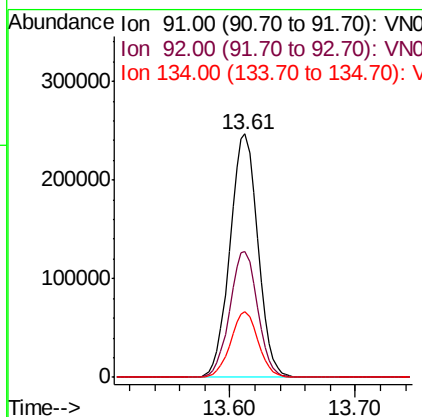
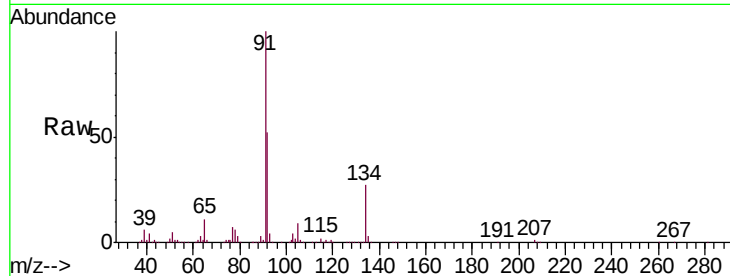




#89
n-Butylbenzene
Concen: 52.807 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

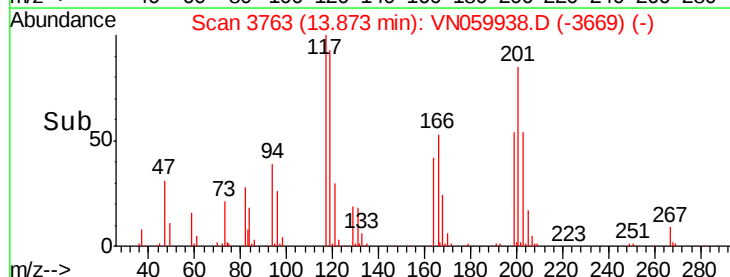
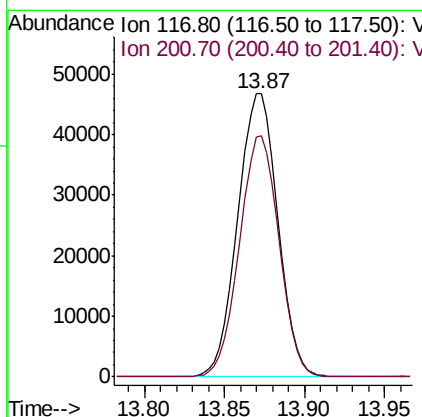
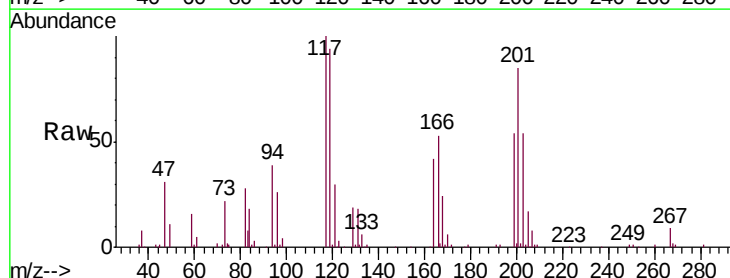
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

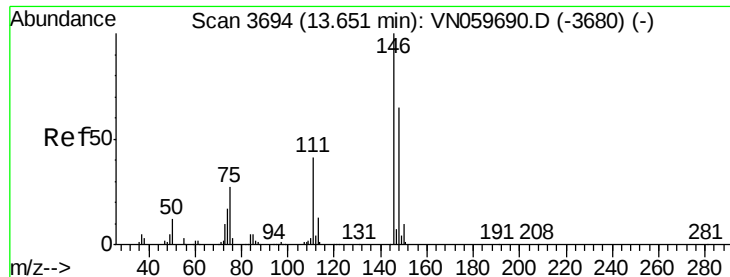
Tgt Ion: 91 Resp: 380751
Ion Ratio Lower Upper
91 100
92 51.7 25.9 77.7
134 26.6 12.3 36.8



#90
Hexachloroethane
Concen: 50.608 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion: 117 Resp: 80071
Ion Ratio Lower Upper
117 100
201 84.0 37.8 113.4

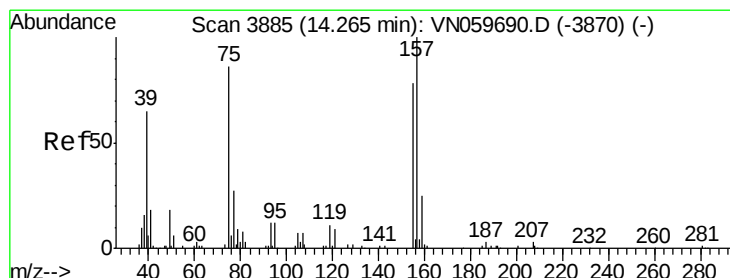
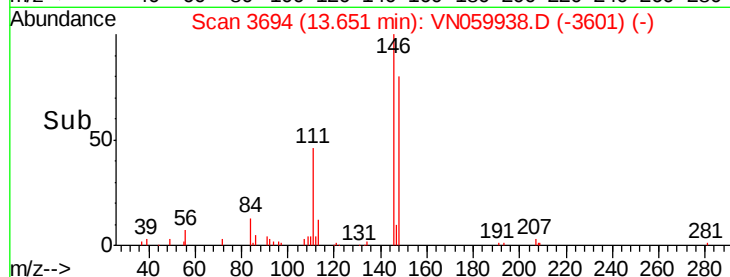
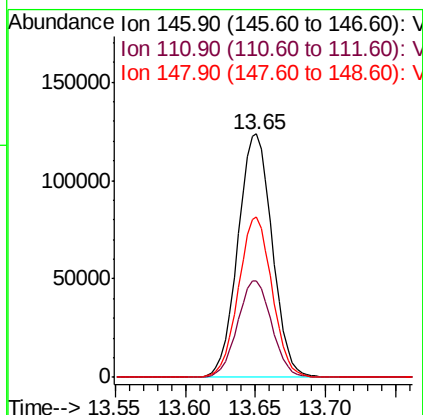
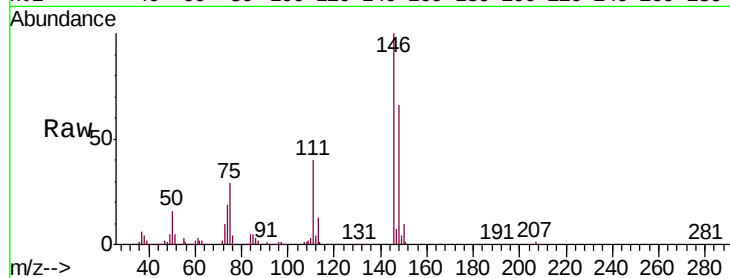




#91
 1,2-Dichlorobenzene
 Concen: 50.795 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

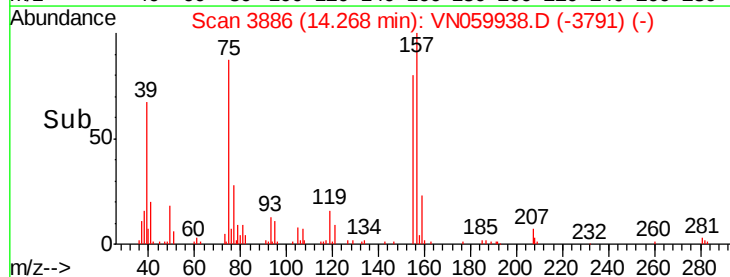
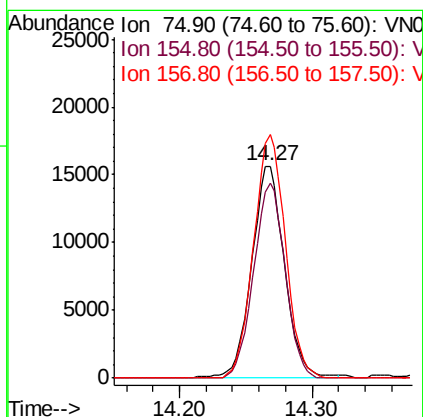
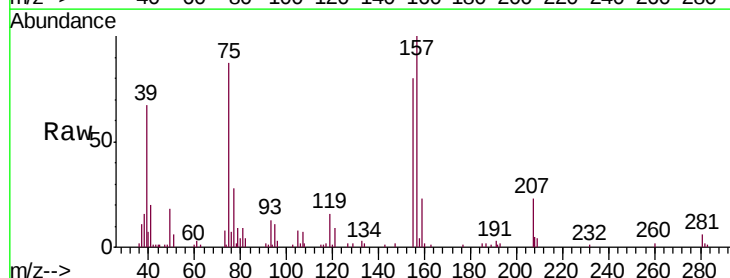
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	21.6	64.8
148	64.4	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.128 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.8	37.0	110.9
157	110.8	48.4	145.2

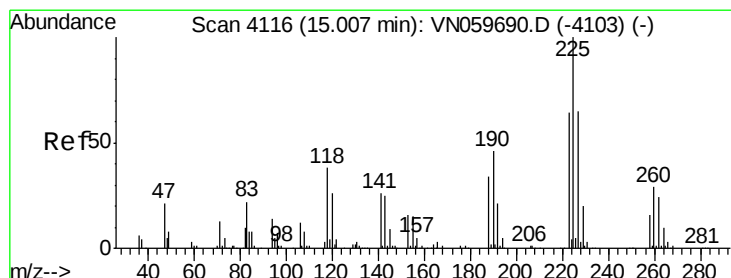
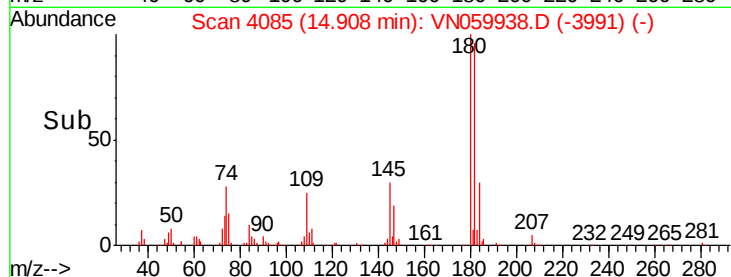
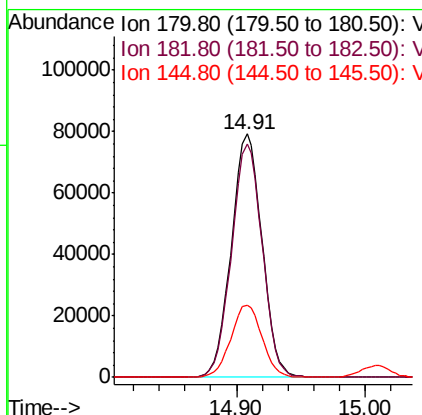
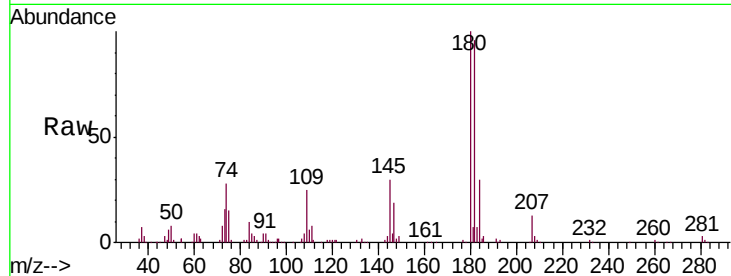




#93
 1,2,4-Trichlorobenzene
 Concen: 52.354 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

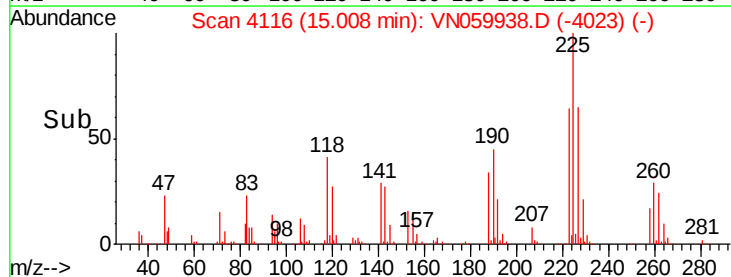
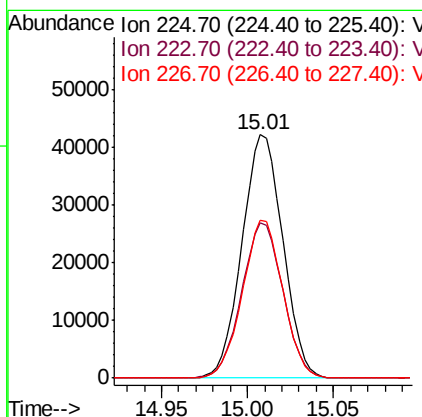
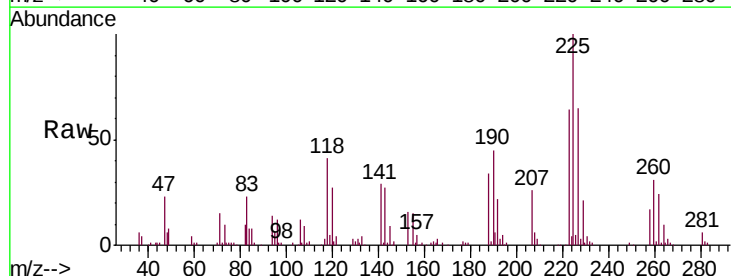
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

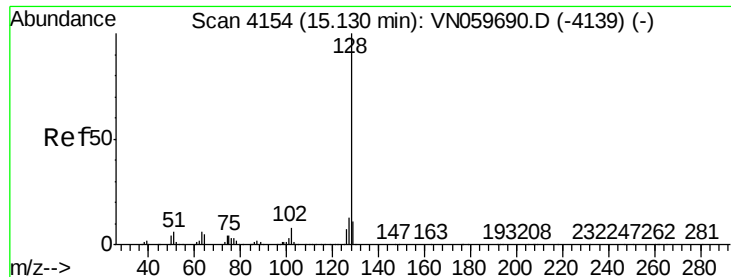
Tgt Ion:180 Resp: 130832
 Ion Ratio Lower Upper
 180 100
 182 95.9 46.9 140.7
 145 30.0 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 50.602 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059938.D
 Acq: 31 Jan 2020 10:54

Tgt Ion:225 Resp: 69684
 Ion Ratio Lower Upper
 225 100
 223 64.3 31.8 95.3
 227 63.8 32.1 96.5

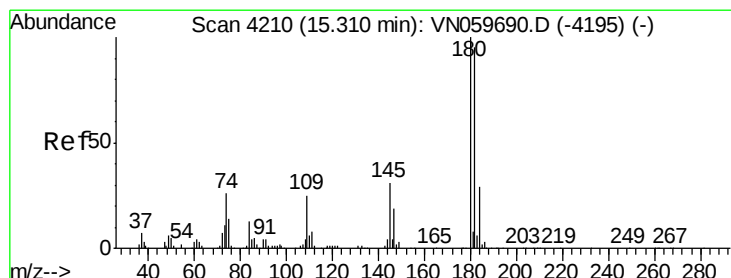
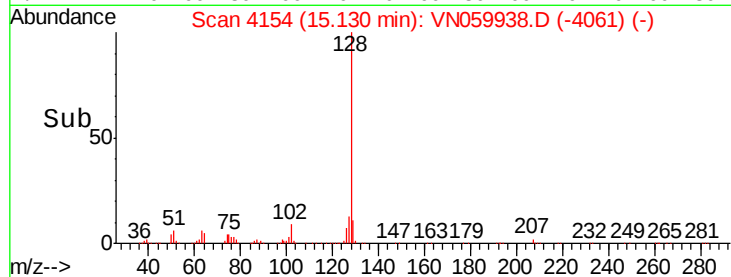
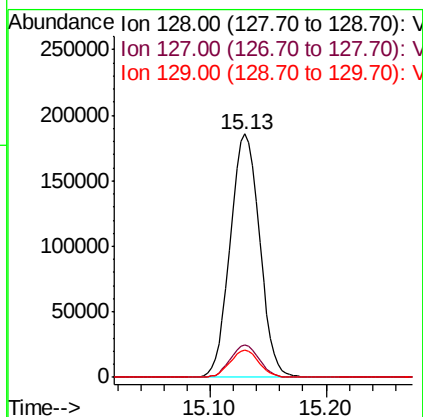
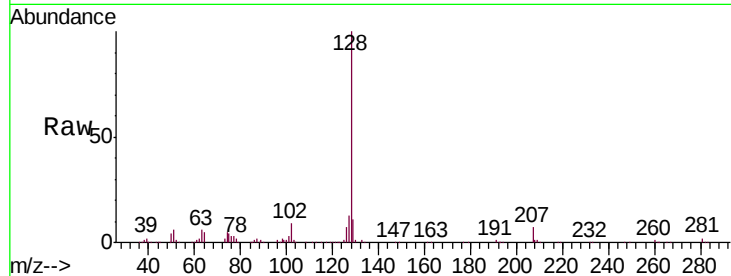




#95
Naphthalene
Concen: 45.769 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 325324
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.385 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN059938.D
Acq: 31 Jan 2020 10:54

Tgt Ion:180 Resp: 122557
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.3
145 31.3 16.3 48.9

