

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020320\
 Data File : VN059963.D
 Acq On : 3 Feb 2020 9:57
 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 11:34:15 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	190174	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	295863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	271922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	135995	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	112505	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
35) Dibromofluoromethane	7.56	113	94324	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
50) Toluene-d8	10.08	98	354739	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.40	95	131895	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	94193	41.93	ug/l	98
3) Chloromethane	2.04	50	92538	42.50	ug/l	99
4) Vinyl Chloride	2.17	62	118936	47.74	ug/l	99
5) Bromomethane	2.54	94	67681	44.52	ug/l	96
6) Chloroethane	2.68	64	55764	47.31	ug/l	97
7) Trichlorofluoromethane	3.00	101	142086	47.49	ug/l	98
8) Diethyl Ether	3.38	74	50877	48.46	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.74	101	83278	50.01	ug/l	93
10) Methyl Iodide	3.93	142	108841	40.44	ug/l	96
11) Tert butyl alcohol	4.73	59	75212	211.55	ug/l	98
12) 1,1-Dichloroethene	3.71	96	78856	45.32	ug/l	91
13) Acrolein	3.58	56	50296	199.85	ug/l	98
14) Allyl chloride	4.29	41	111706	47.63	ug/l	# 84
15) Acrylonitrile	4.94	53	200905	247.73	ug/l	100
16) Acetone	3.78	43	262651	369.41	ug/l	98
17) Carbon Disulfide	4.03	76	195219	39.39	ug/l	100
18) Methyl Acetate	4.28	43	123404	50.02	ug/l	92
19) Methyl tert-butyl Ether	5.00	73	283056	49.90	ug/l	96
20) Methylene Chloride	4.52	84	89267	46.63	ug/l	91
21) trans-1,2-Dichloroethene	5.01	96	84784	45.84	ug/l	90
22) Diisopropyl ether	5.91	45	266876	50.22	ug/l	97
23) Vinyl Acetate	5.86	43	1021788	248.32	ug/l	# 95
24) 1,1-Dichloroethane	5.82	63	158936	48.94	ug/l	98
25) 2-Butanone	6.80	43	316144	264.34	ug/l	93
26) 2,2-Dichloropropane	6.80	77	154753	49.57	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	102278	48.08	ug/l	90
28) Bromochloromethane	7.17	49	65054	50.12	ug/l	# 79
29) Tetrahydrofuran	7.18	42	170030	229.78	ug/l	89
30) Chloroform	7.35	83	171255	50.90	ug/l	99
31) Cyclohexane	7.63	56	133361	42.68	ug/l	93
32) 1,1,1-Trichloroethane	7.55	97	151394	48.66	ug/l	96
36) 1,1-Dichloropropene	7.77	75	121674	47.22	ug/l	96
37) Ethyl Acetate	6.89	43	108762	45.01	ug/l	95
38) Carbon Tetrachloride	7.75	117	135122	48.21	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	145283	45.73	ug/l	92
40) Benzene	8.02	78	364718	47.46	ug/l	99
41) Methacrylonitrile	7.18	41	159968	134.40	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	131621	50.52	ug/l	97
43) Isopropyl Acetate	8.14	43	196928	47.38	ug/l	95
44) Trichloroethene	8.82	130	104341	49.74	ug/l	96
45) 1,2-Dichloropropane	9.10	63	95349	50.15	ug/l	99
46) Dibromomethane	9.19	93	66192	49.35	ug/l	93
47) Bromodichloromethane	9.38	83	138862	51.38	ug/l	97
48) Methyl methacrylate	9.18	41	86724	46.65	ug/l	90
49) 1,4-Dioxane	9.18	88	31176	915.99	ug/l	89
51) 4-Methyl-2-Pentanone	9.97	43	572416	238.23	ug/l	96
52) Toluene	10.14	92	235848	48.59	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	157036	52.03	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	163850	51.60	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	97780	50.87	ug/l	97
56) Ethyl methacrylate	10.42	69	139147	47.37	ug/l	93
57) 1,3-Dichloropropane	10.70	76	156466	51.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	242727	274.36	ug/l	93
59) 2-Hexanone	10.74	43	466624	263.61	ug/l	95
60) Dibromochloromethane	10.89	129	113653	51.92	ug/l	100
61) 1,2-Dibromoethane	10.99	107	100096	49.68	ug/l	100
64) Tetrachloroethene	10.62	164	106623	48.11	ug/l	94
65) Chlorobenzene	11.43	112	263180	49.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	104211	50.46	ug/l	98
67) Ethyl Benzene	11.50	91	473341	48.79	ug/l	98
68) m/p-Xylenes	11.62	106	355035	96.87	ug/l	96
69) o-Xylene	11.94	106	173551	48.37	ug/l	95
70) Styrene	11.96	104	291404	48.53	ug/l	97
71) Bromoform	12.12	173	86011	51.99	ug/l #	99
73) Isopropylbenzene	12.24	105	474567	47.58	ug/l	100
74) N-amyl acetate	12.06	43	173214	44.76	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	136110	47.07	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	185984	81.26	ug/l #	100
77) Bromobenzene	12.52	156	120487	47.70	ug/l	83
78) n-propylbenzene	12.59	91	547248	48.88	ug/l	99
79) 2-Chlorotoluene	12.67	91	318599	47.84	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	396529	47.27	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	51227	48.07	ug/l	95
82) 4-Chlorotoluene	12.77	91	329897	49.39	ug/l	97
83) tert-Butylbenzene	12.99	119	344388	47.47	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	399864	48.19	ug/l	99
85) sec-Butylbenzene	13.17	105	463756	48.66	ug/l	99
86) p-Isopropyltoluene	13.28	119	425739	48.27	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	218786	49.87	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	218473	49.92	ug/l	98
89) n-Butylbenzene	13.61	91	381531	50.74	ug/l	98
90) Hexachloroethane	13.87	117	79951	48.45	ug/l	90
91) 1,2-Dichlorobenzene	13.65	146	210773	48.59	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28380	45.54	ug/l	84

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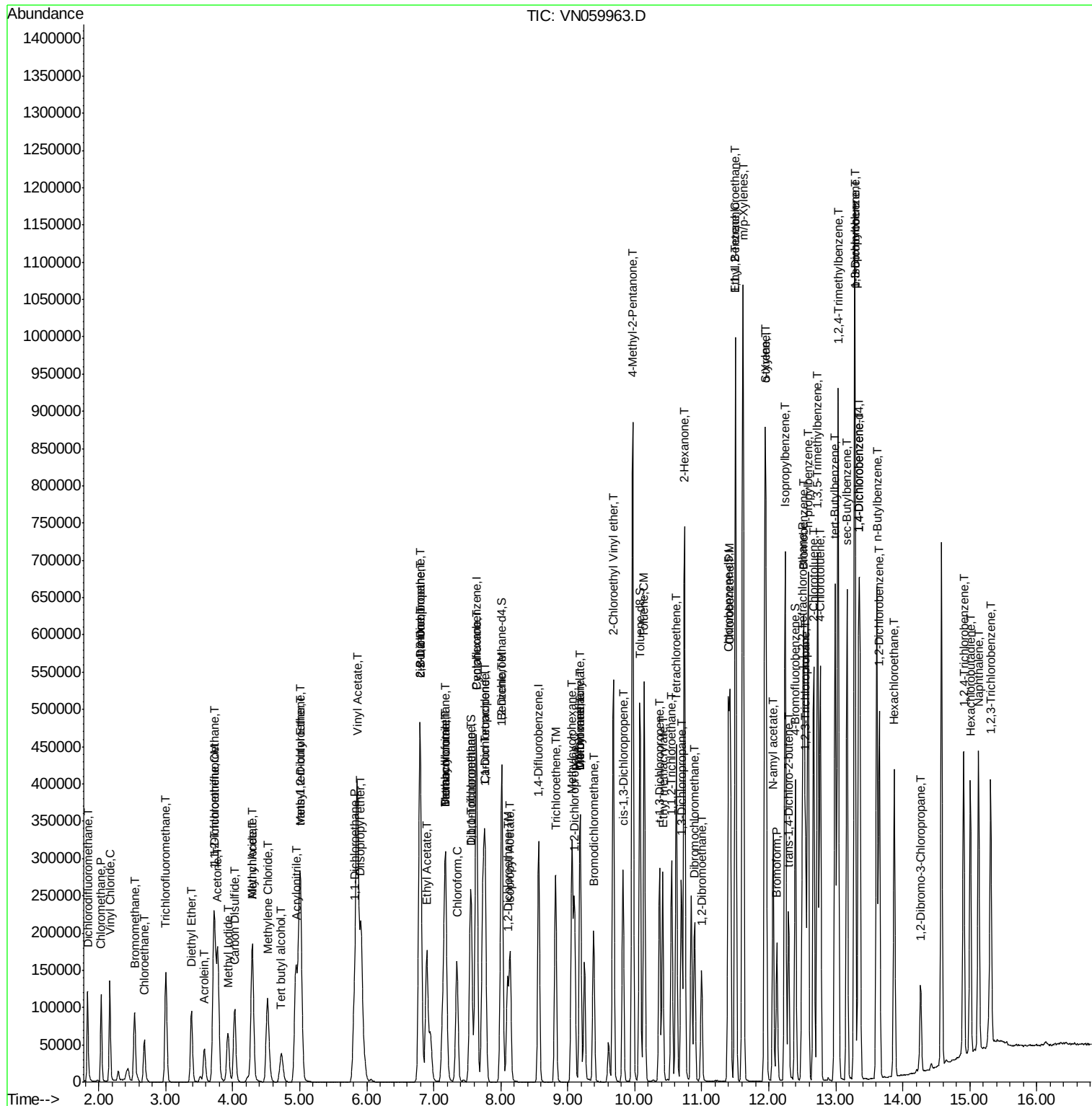
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	131828	50.58	ug/l	99
94) Hexachlorobutadiene	15.01	225	70603	49.16	ug/l	99
95) Naphthalene	15.13	128	346549	46.75	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	125784	49.58	ug/l	98

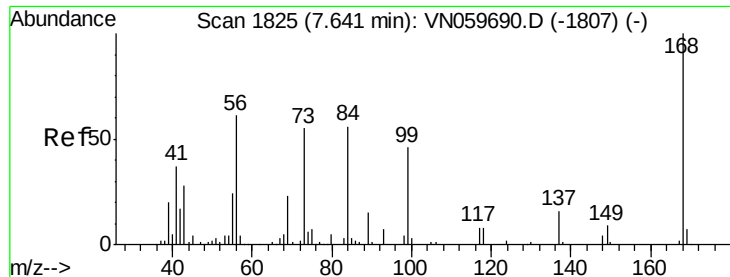
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN020320\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

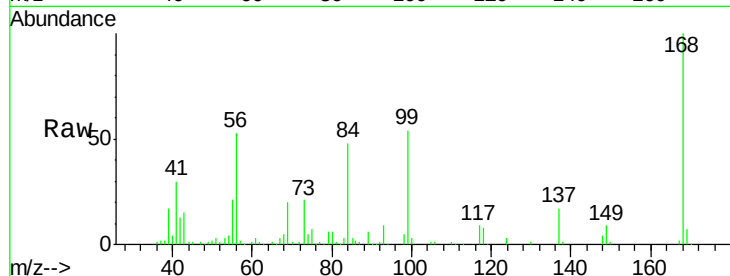
VSTDCCC050

Tgt Ion:168 Resp: 190174

Ion Ratio Lower Upper

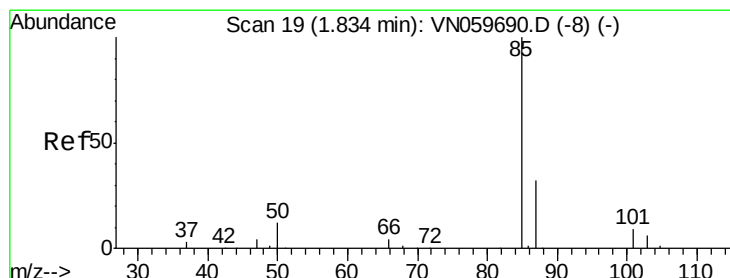
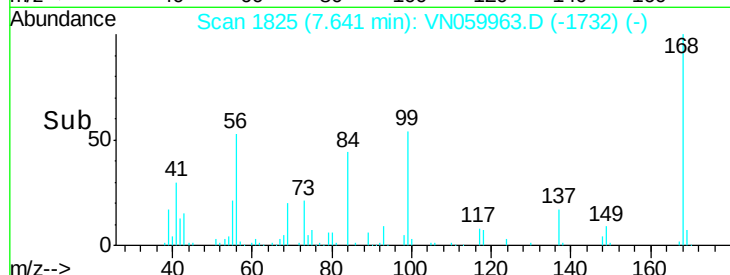
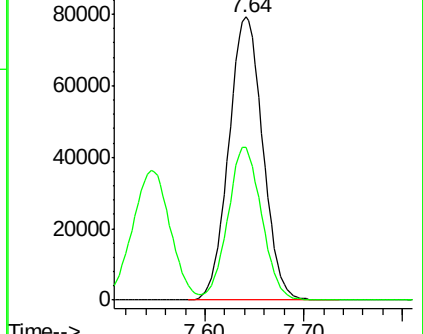
168 100

99 53.9 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: 41.93 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059963.D

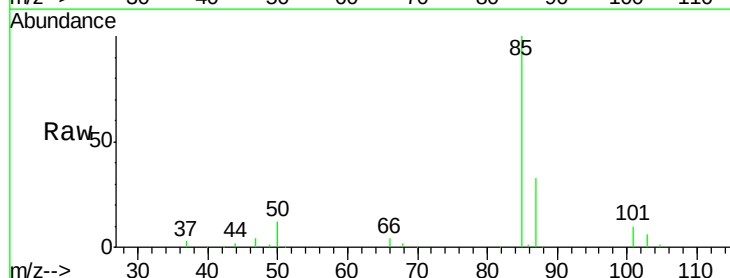
Acq: 3 Feb 2020 9:57

Tgt Ion: 85 Resp: 94193

Ion Ratio Lower Upper

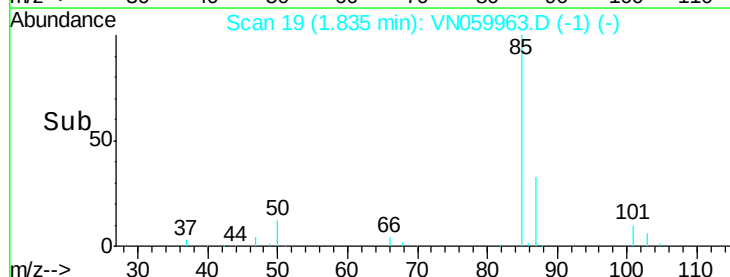
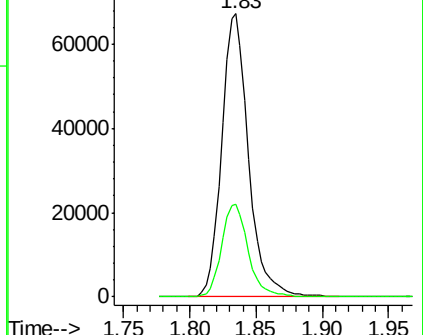
85 100

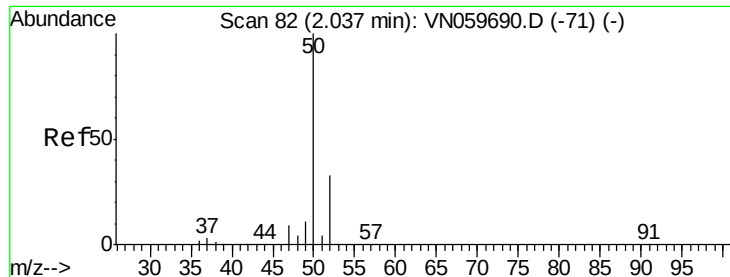
87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 42.50 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

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ClientSampleId :

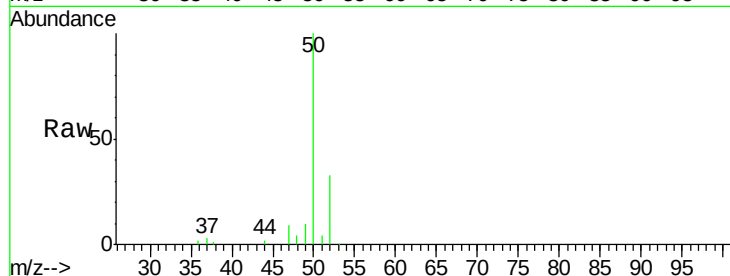
VSTDCCC050

Tgt Ion: 50 Resp: 92538

Ion Ratio Lower Upper

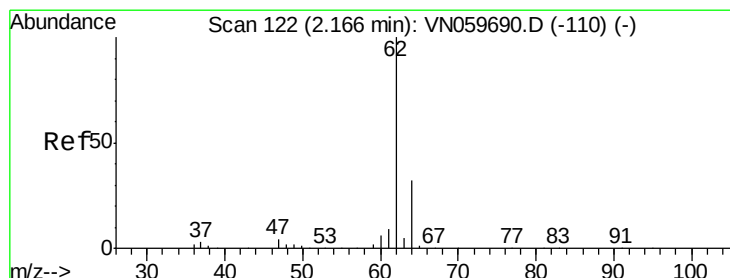
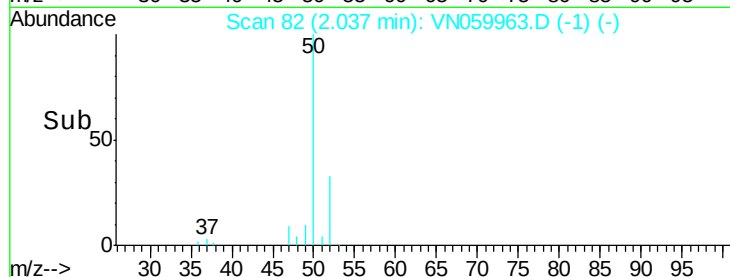
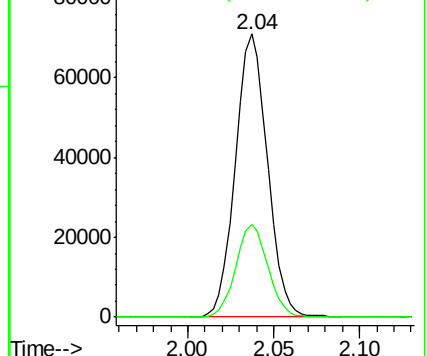
50 100

52 32.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 47.74 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059963.D

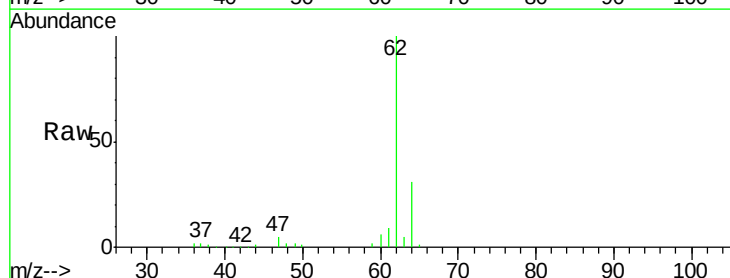
Acq: 3 Feb 2020 9:57

Tgt Ion: 62 Resp: 118936

Ion Ratio Lower Upper

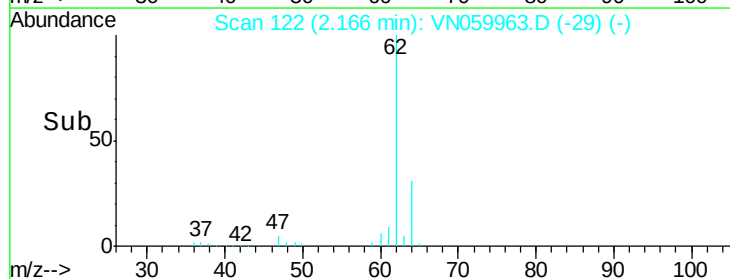
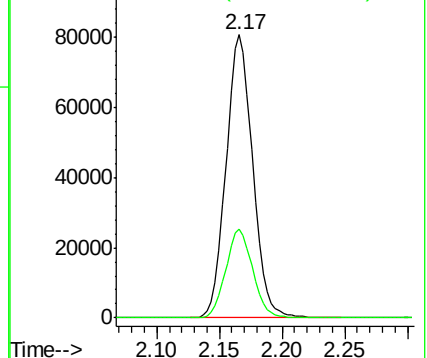
62 100

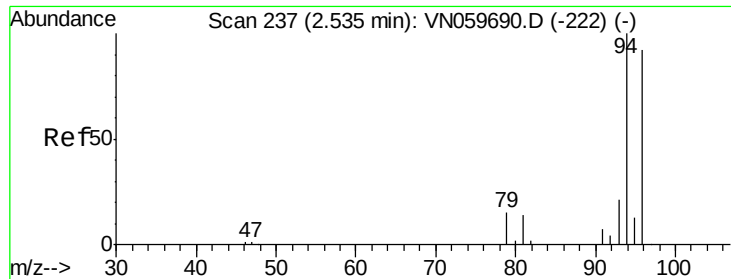
64 31.2 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

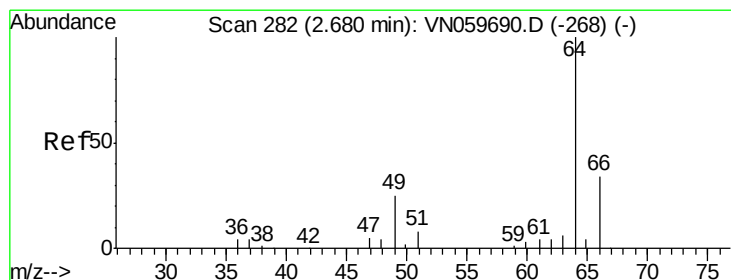
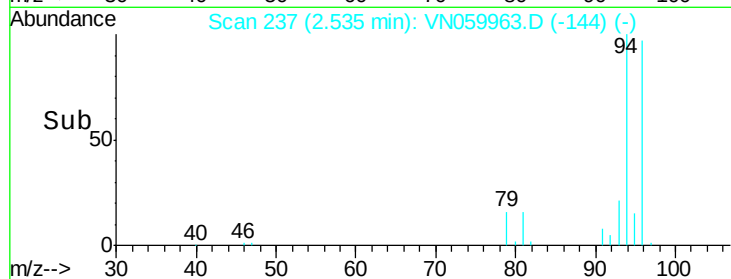
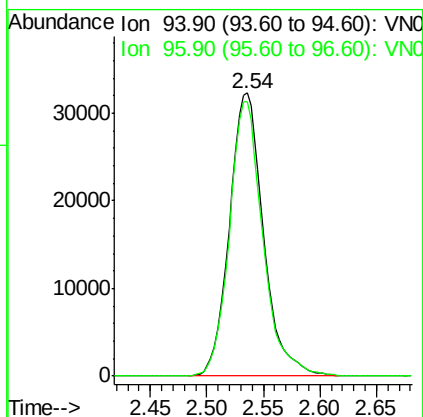
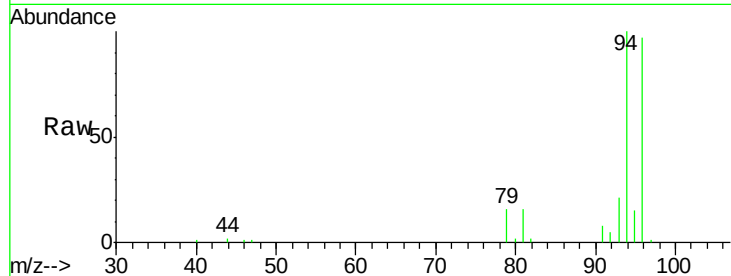




#5
Bromomethane
Concen: 44.52 ug/l
RT: 2.54 min Scan# 237
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

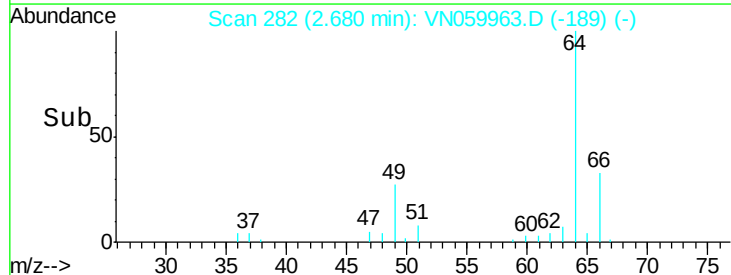
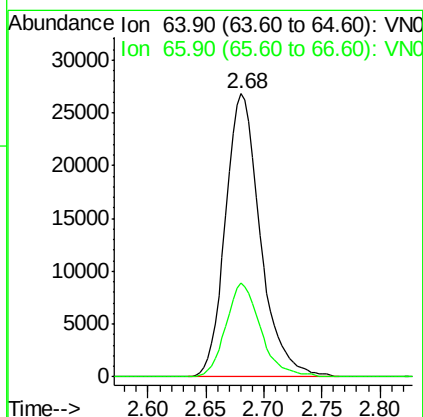
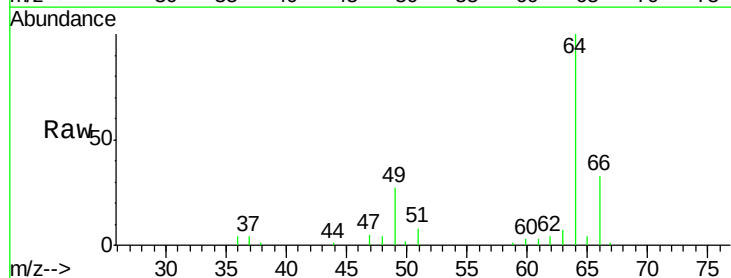
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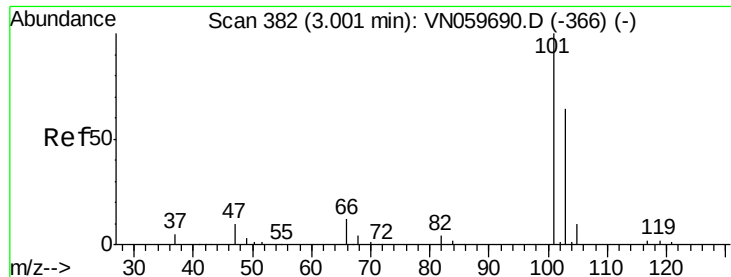
Tgt Ion: 94 Resp: 67681
Ion Ratio Lower Upper
94 100
96 96.9 74.7 112.1



#6
Chloroethane
Concen: 47.31 ug/l
RT: 2.68 min Scan# 282
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion: 64 Resp: 55764
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7



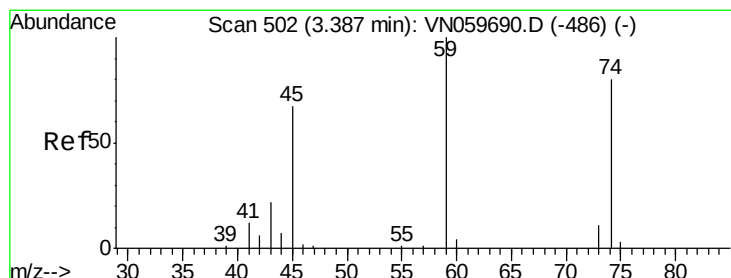
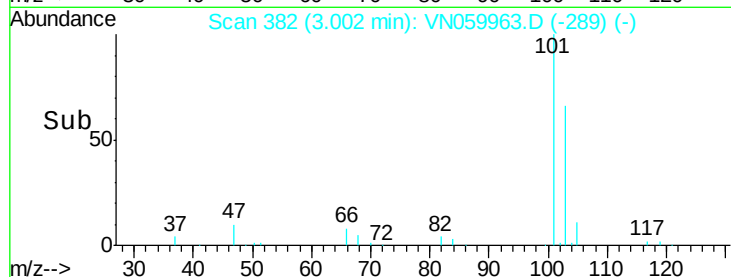
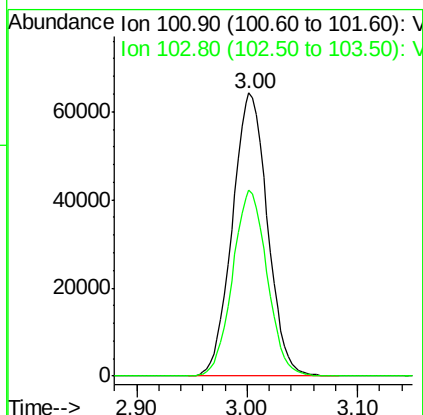
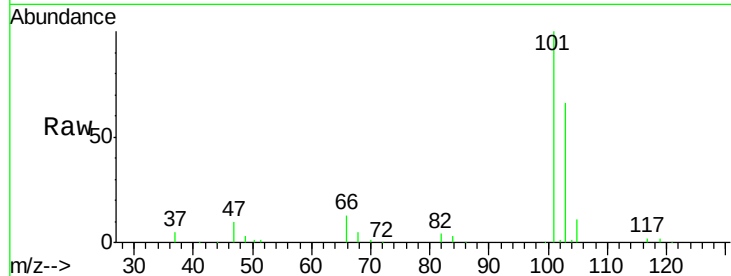


#7

Trichlorofluoromethane
 Concen: 47.49 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Instrument :
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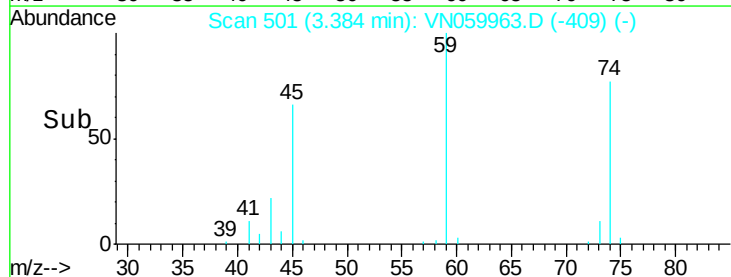
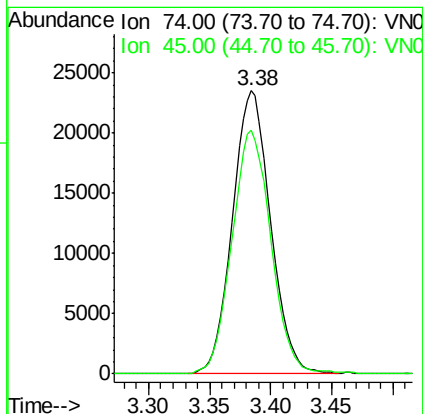
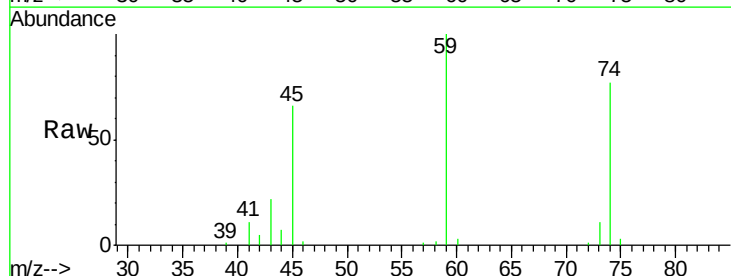
Tgt Ion:101 Resp: 142086
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.0 76.6

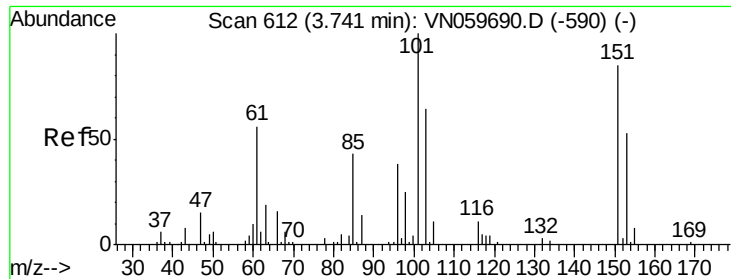


#8

Diethyl Ether
 Concen: 48.46 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Tgt Ion: 74 Resp: 50877
 Ion Ratio Lower Upper
 74 100
 45 88.3 51.9 155.8

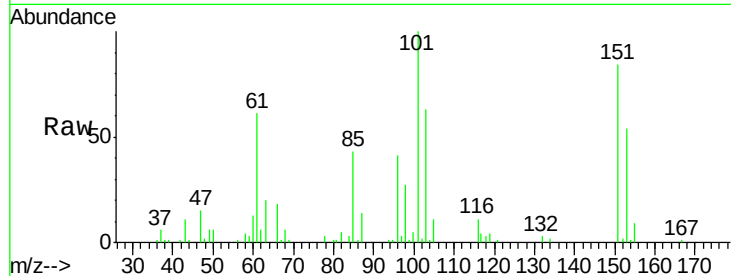




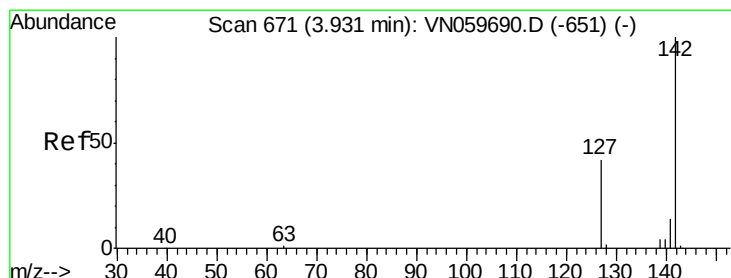
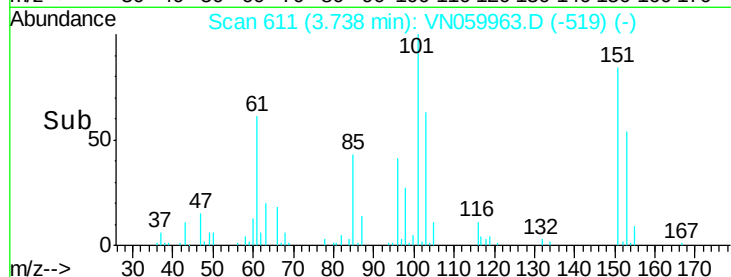
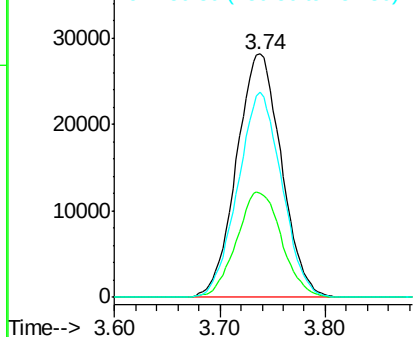
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.01 ug/l
 RT: 3.74 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:101 Resp: 83278
 Ion Ratio Lower Upper
 101 100
 85 43.5 36.6 54.8
 151 82.7 59.7 89.5

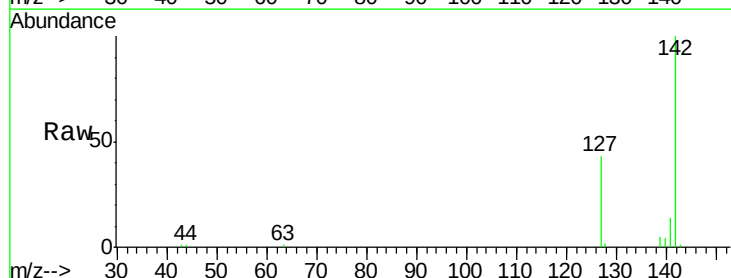


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

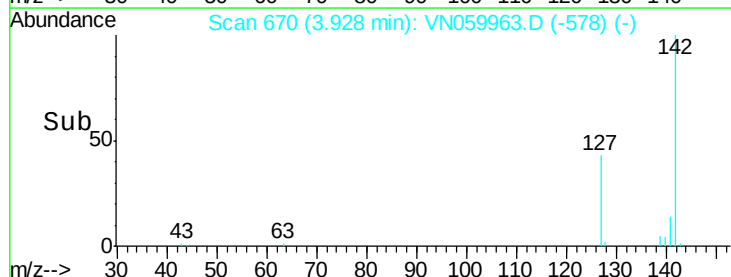
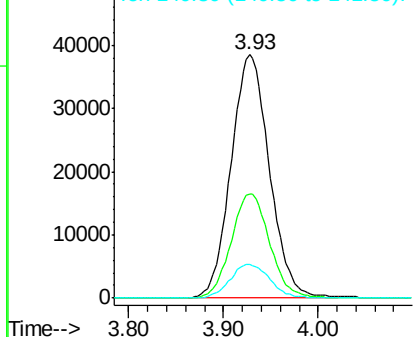


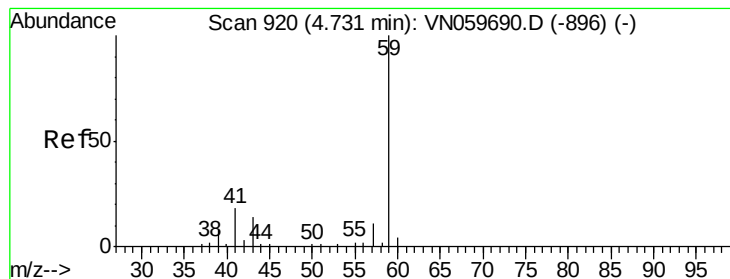
#10
 Methyl Iodide
 Concen: 40.44 ug/l
 RT: 3.93 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Tgt Ion:142 Resp: 108841
 Ion Ratio Lower Upper
 142 100
 127 42.9 36.7 55.1
 141 14.3 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



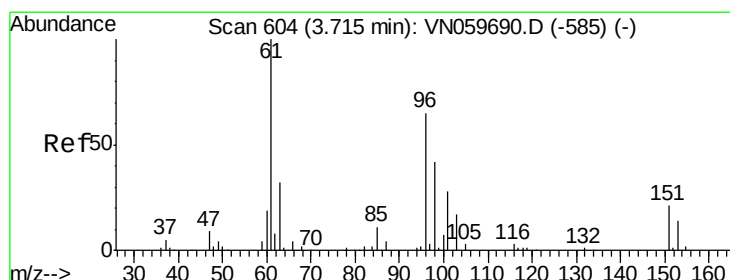
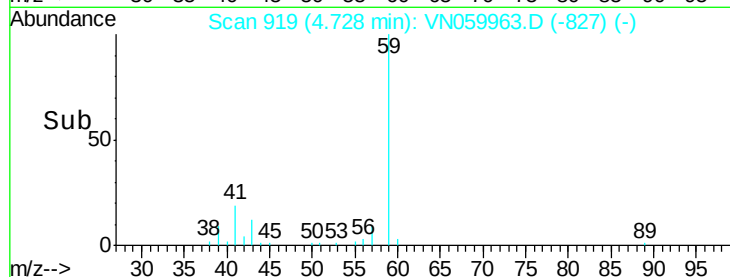
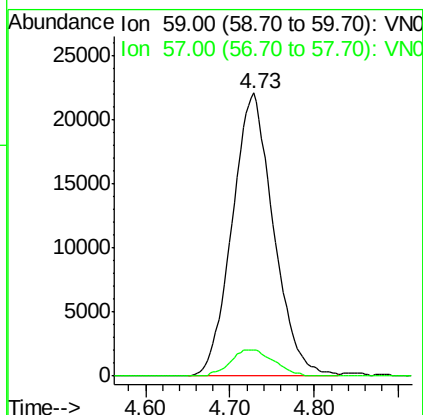
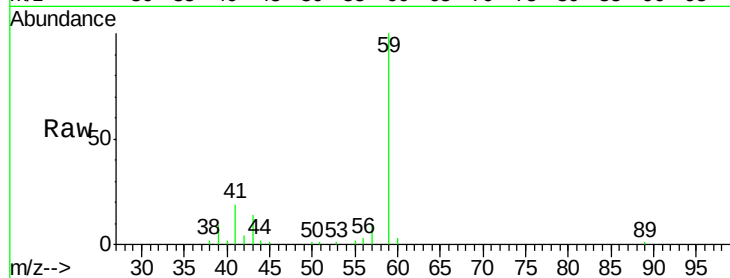


#11

Tert butyl alcohol
 Concen: 211.55 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

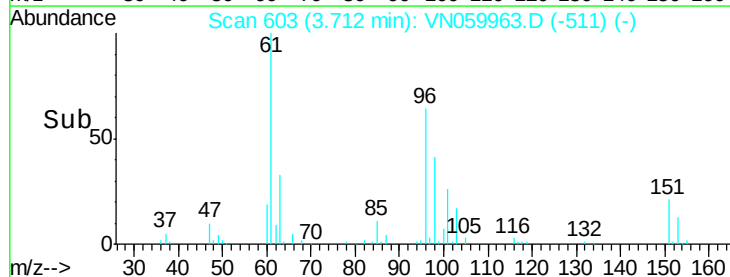
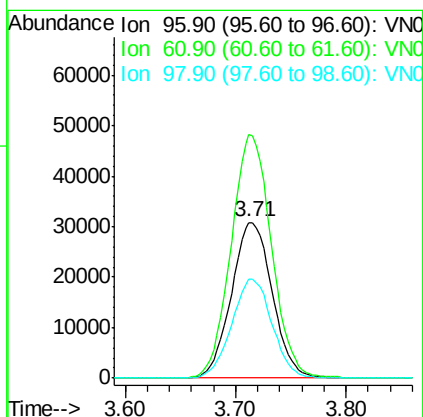
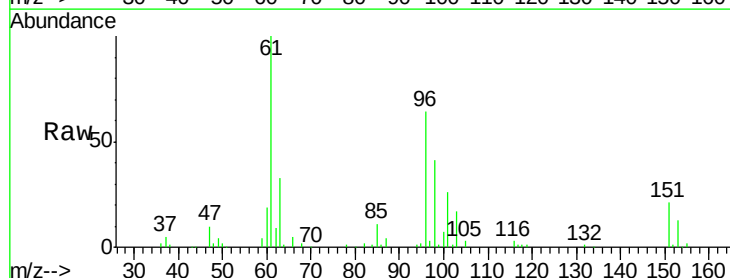
Tgt Ion: 59 Resp: 75212
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.6 12.8

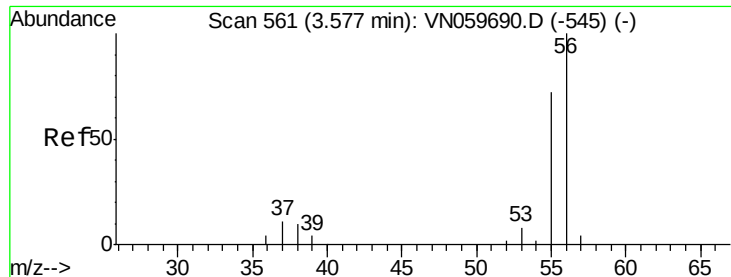


#12

1,1-Dichloroethene
 Concen: 45.32 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Tgt Ion: 96 Resp: 78856
 Ion Ratio Lower Upper
 96 100
 61 155.6 137.5 206.3
 98 63.3 50.2 75.4





#13

Acrolein

Concen: 199.85 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

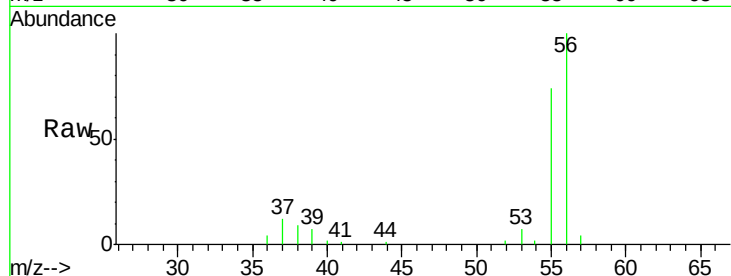
VSTDCCC050

Tgt Ion: 56 Resp: 50296

Ion Ratio Lower Upper

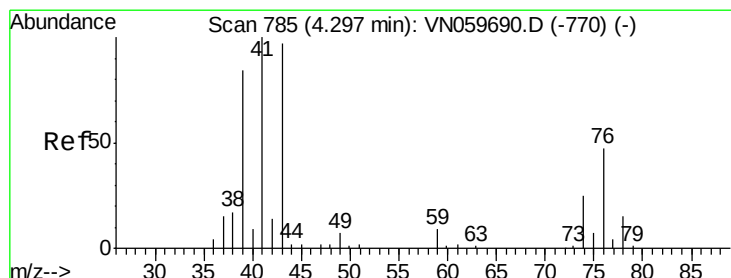
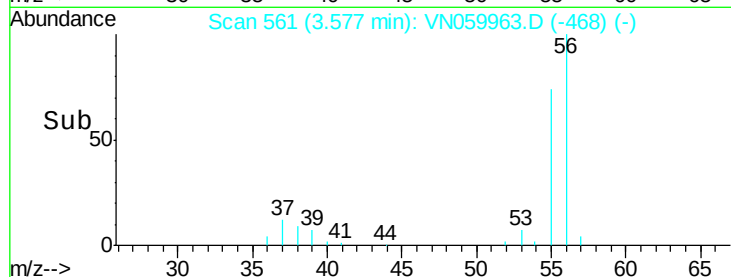
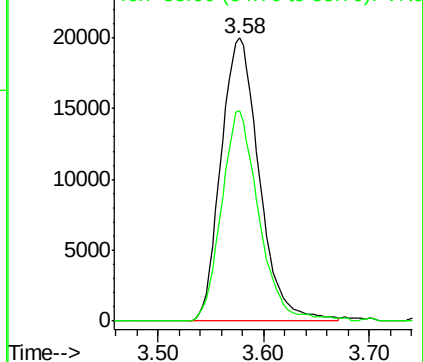
56 100

55 71.4 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 47.63 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

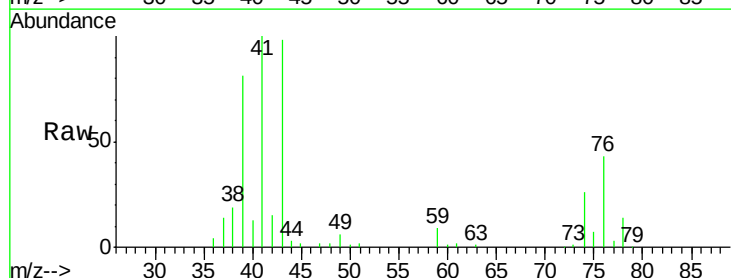
Tgt Ion: 41 Resp: 111706

Ion Ratio Lower Upper

41 100

39 83.8 57.8 86.8

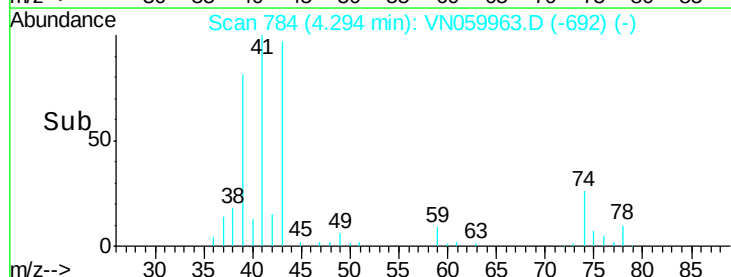
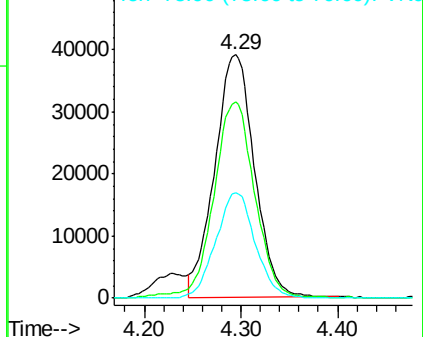
76 42.9 25.4 38.0#

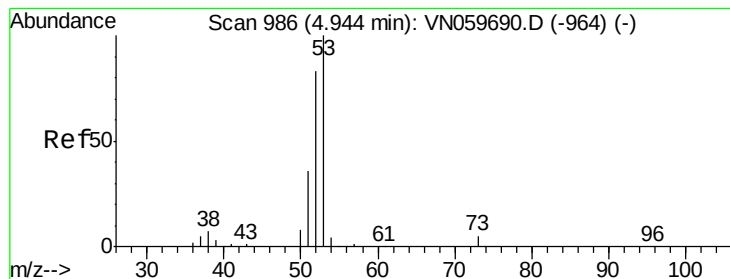


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 247.73 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

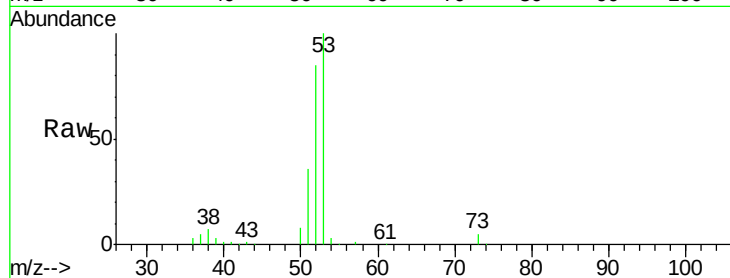
Tgt Ion: 53 Resp: 200905

Ion Ratio Lower Upper

53 100

52 83.1 66.3 99.5

51 36.4 29.7 44.5

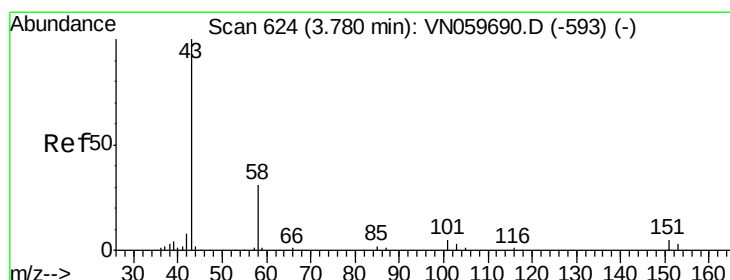
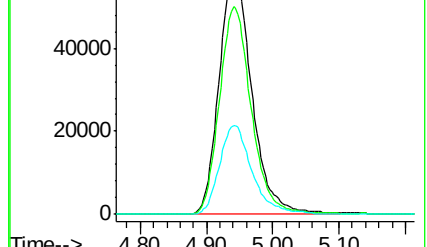
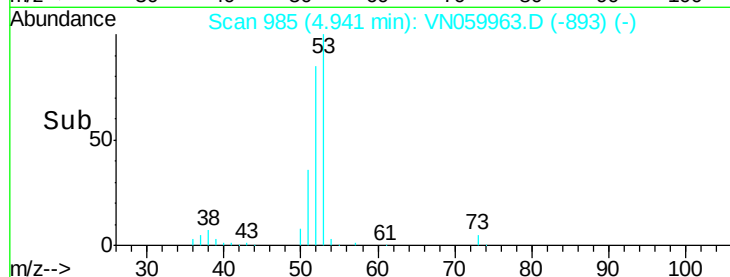


Abundance Ion 53.00 (52.70 to 53.70): VN059963.D (-893) (-)

Ion 52.00 (51.70 to 52.70): VN059963.D (-893) (-)

Ion 51.00 (50.70 to 51.70): VN059963.D (-893) (-)

Time-->



#16

Acetone

Concen: 369.41 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN059963.D

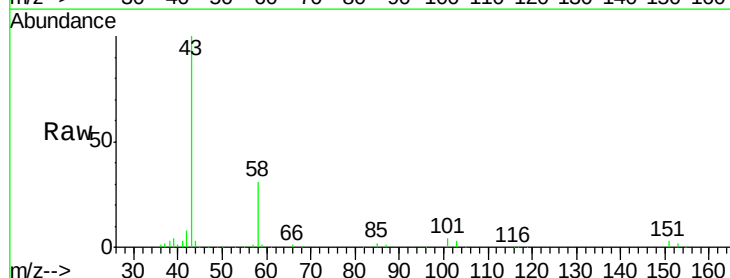
Acq: 3 Feb 2020 9:57

Tgt Ion: 43 Resp: 262651

Ion Ratio Lower Upper

43 100

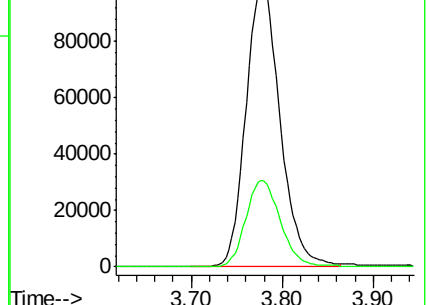
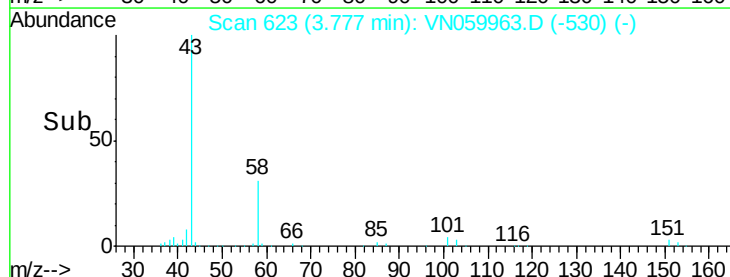
58 30.7 23.6 35.4

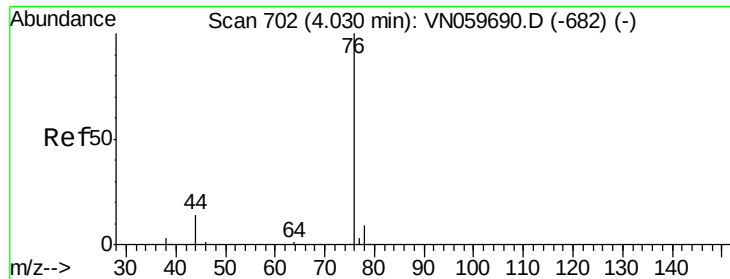


Abundance Ion 43.00 (42.70 to 43.70): VN059963.D (-530) (-)

Ion 58.00 (57.70 to 58.70): VN059963.D (-530) (-)

Time-->

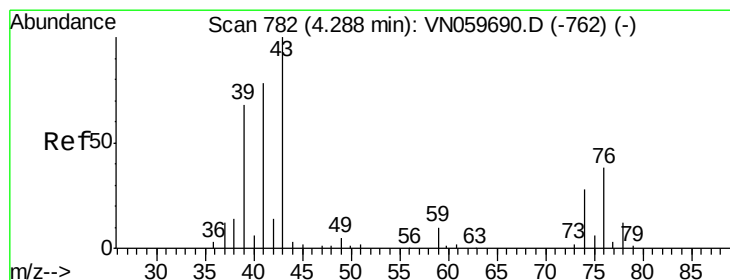
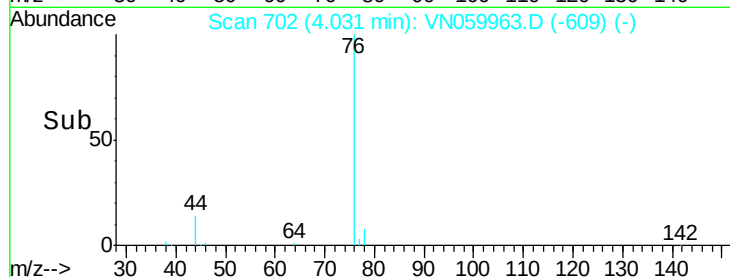
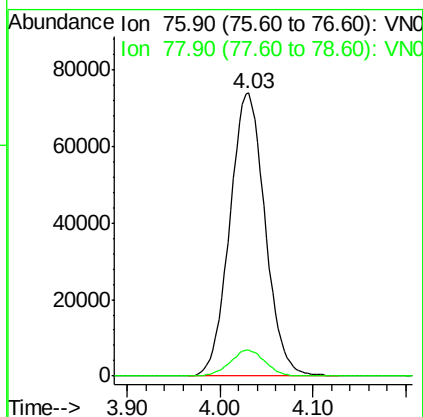
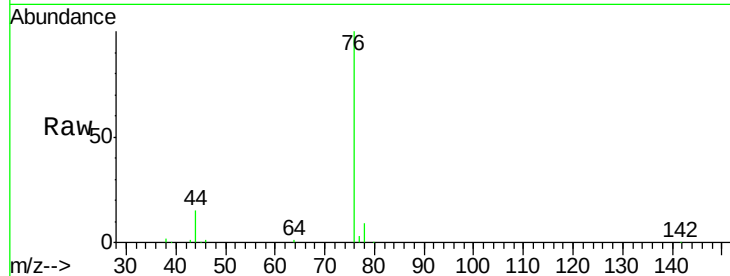




#17
Carbon Disulfide
Concen: 39.39 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

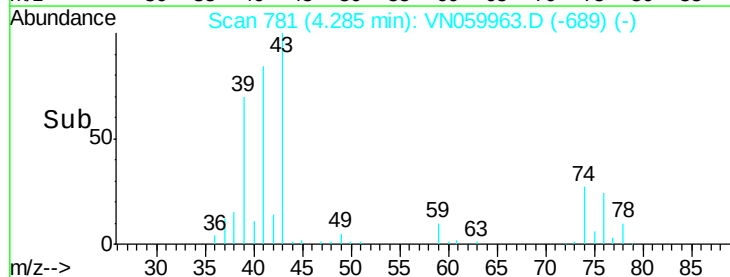
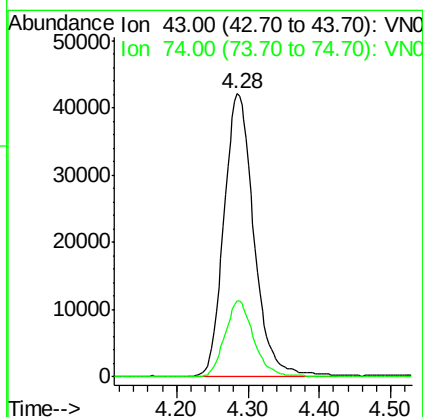
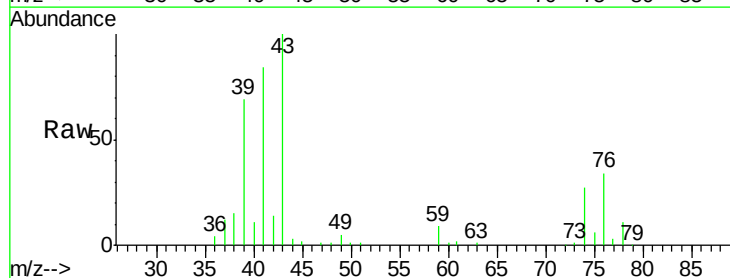
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

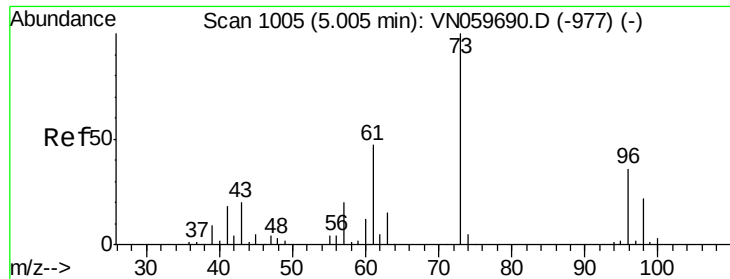
Tgt Ion: 76 Resp: 195219
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 50.02 ug/l
RT: 4.28 min Scan# 781
Delta R.T. -0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion: 43 Resp: 123404
Ion Ratio Lower Upper
43 100
74 25.7 17.5 26.3

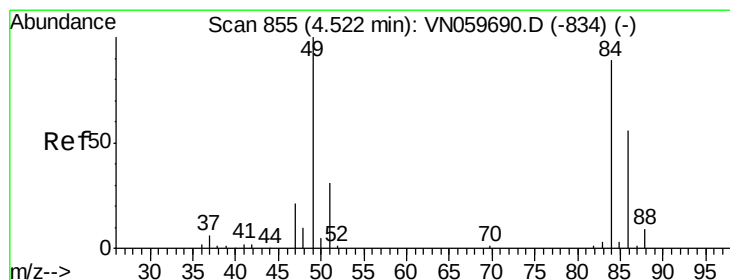
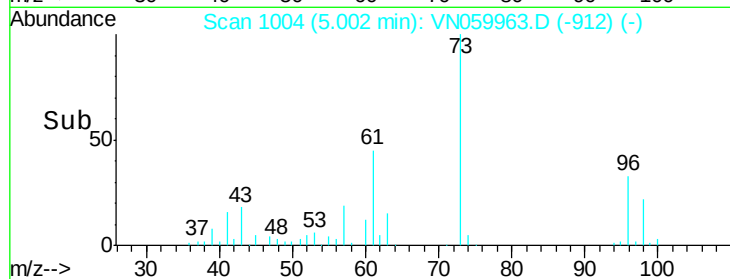
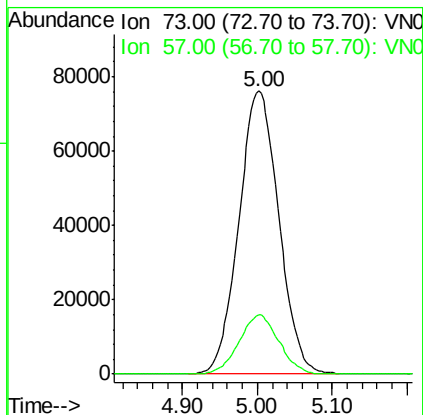
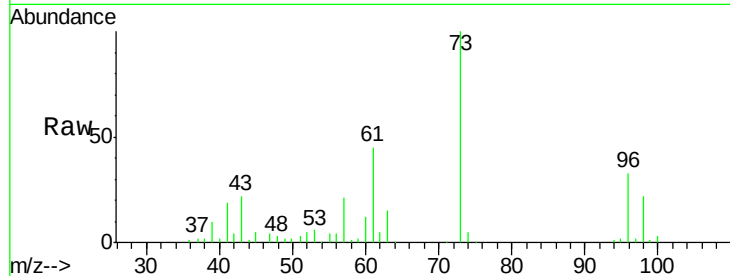




#19
Methyl tert-butyl Ether
Concen: 49.90 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

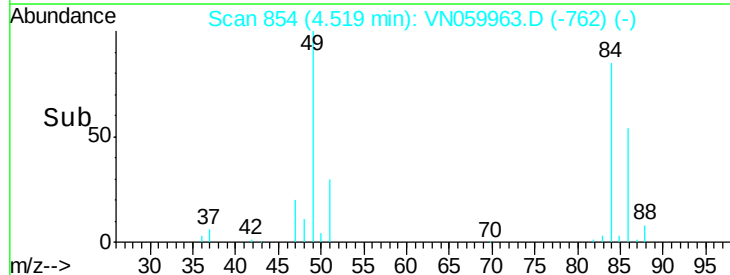
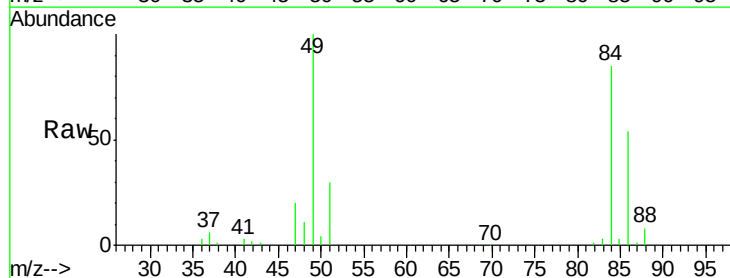
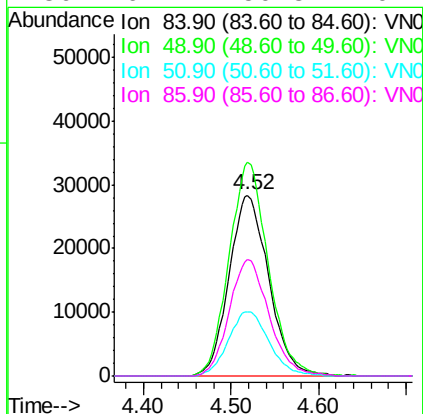
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

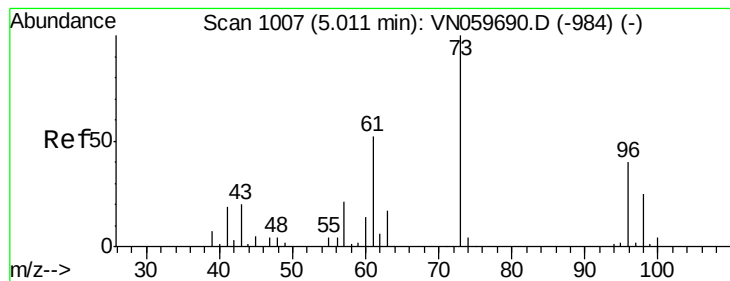
Tgt Ion: 73 Resp: 283056
Ion Ratio Lower Upper
73 100
57 21.1 18.6 27.8



#20
Methylene Chloride
Concen: 46.63 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion: 84 Resp: 89267
Ion Ratio Lower Upper
84 100
49 118.3 106.6 160.0
51 35.6 31.9 47.9
86 64.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 45.84 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

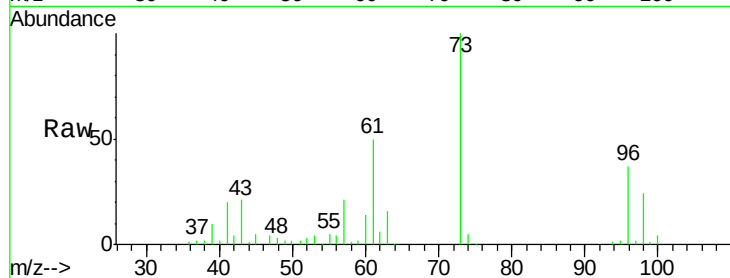
Tgt Ion: 96 Resp: 84784

Ion Ratio Lower Upper

96 100

61 133.2 120.4 180.6

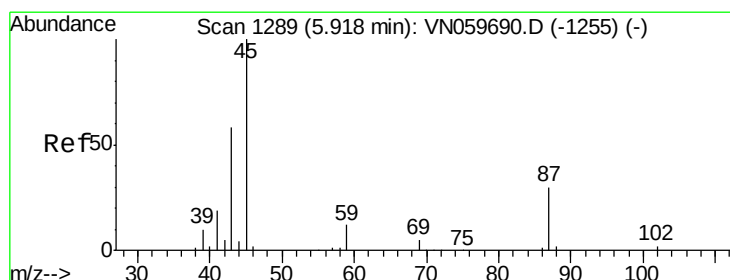
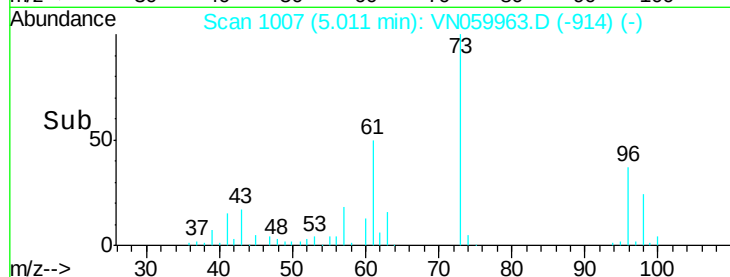
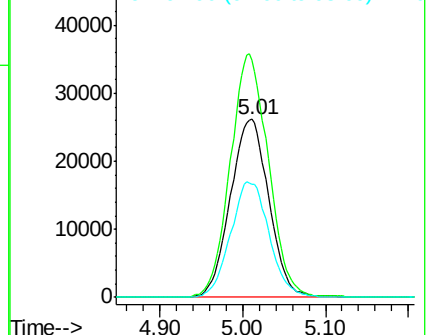
98 63.8 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN059963.D (-914) (-)

Ion 60.90 (60.60 to 61.60): VN059963.D (-914) (-)

Ion 97.90 (97.60 to 98.60): VN059963.D (-914) (-)



#22

Diisopropyl ether

Concen: 50.22 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Tgt Ion: 45 Resp: 266876

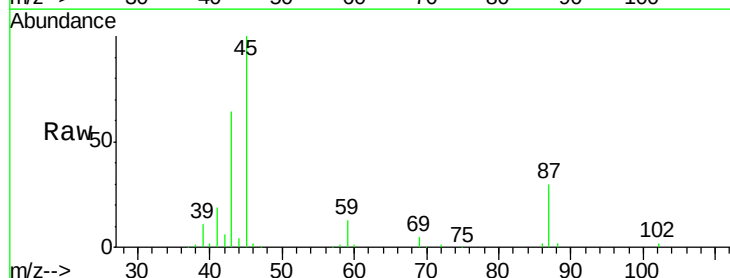
Ion Ratio Lower Upper

45 100

43 62.5 50.8 76.2

87 30.2 21.0 31.6

59 12.9 9.1 13.7

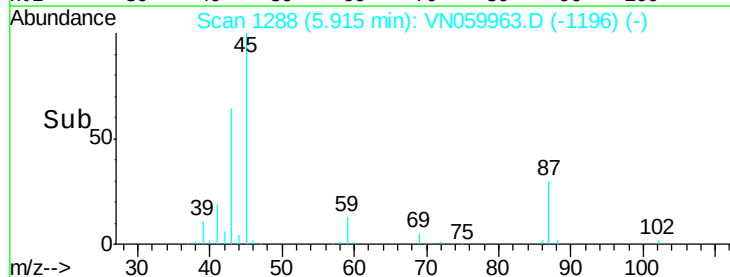
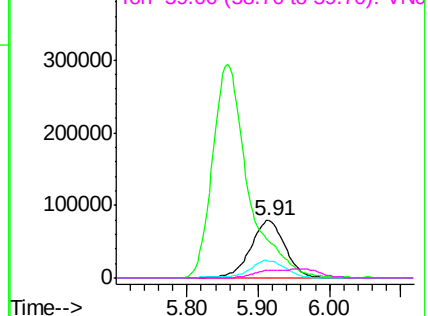


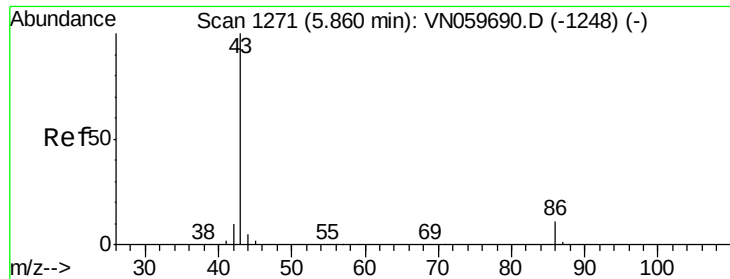
Abundance Ion 45.00 (44.70 to 45.70): VN059963.D (-1196) (-)

Ion 43.00 (42.70 to 43.70): VN059963.D (-1196) (-)

Ion 87.00 (86.70 to 87.70): VN059963.D (-1196) (-)

Ion 59.00 (58.70 to 59.70): VN059963.D (-1196) (-)





#23

Vinyl Acetate

Concen: 248.32 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

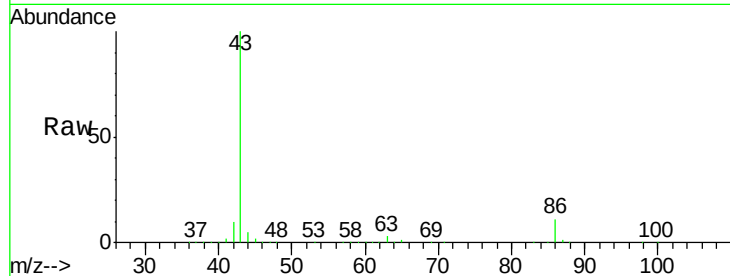
VSTDCCC050

Tgt Ion: 43 Resp: 1021788

Ion Ratio Lower Upper

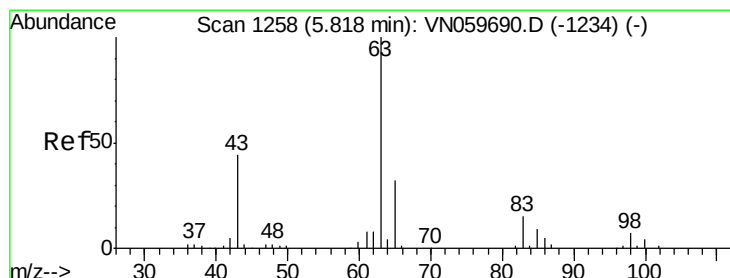
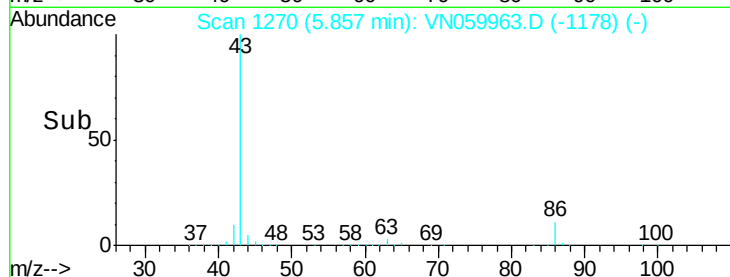
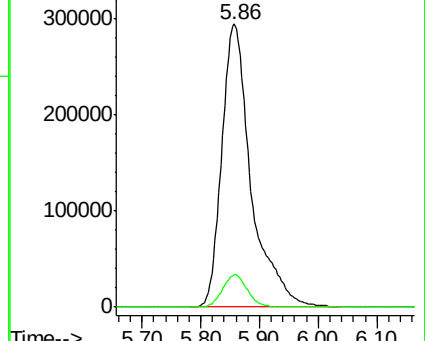
43 100

86 11.5 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 48.94 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

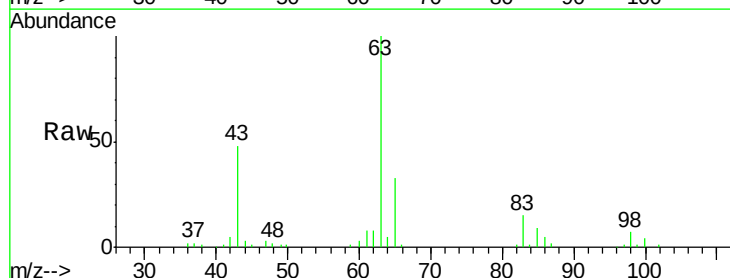
Tgt Ion: 63 Resp: 158936

Ion Ratio Lower Upper

63 100

98 6.7 2.9 8.7

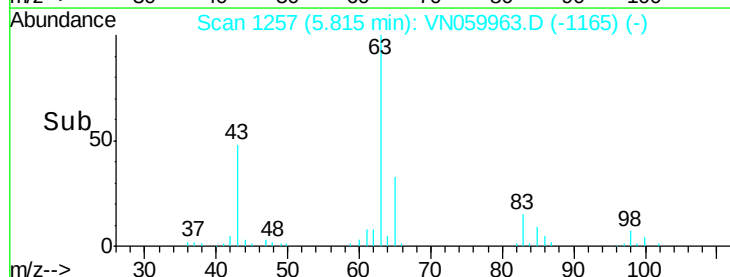
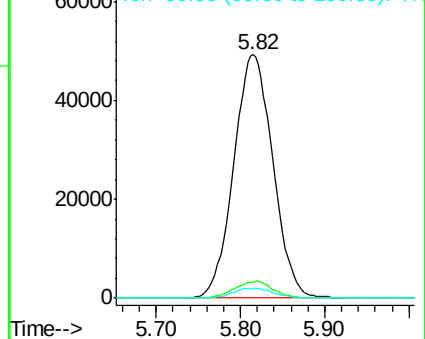
100 4.0 2.0 6.0

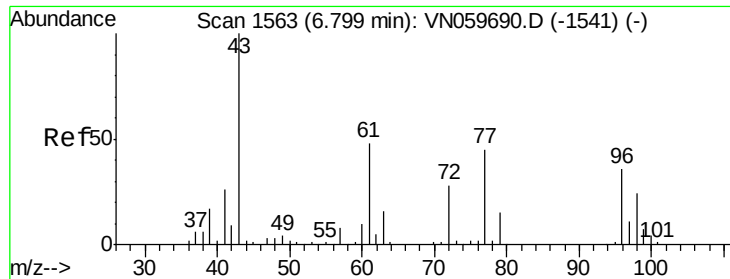


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 264.34 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

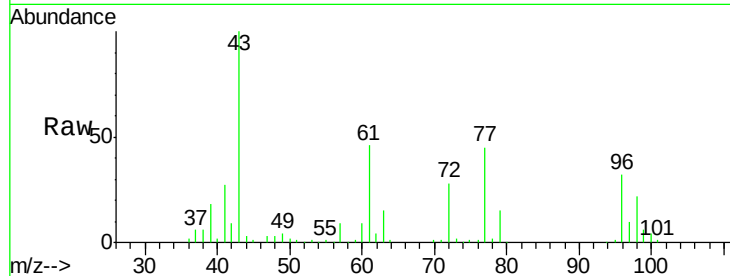
VSTDCCC050

Tgt Ion: 43 Resp: 316144

Ion Ratio Lower Upper

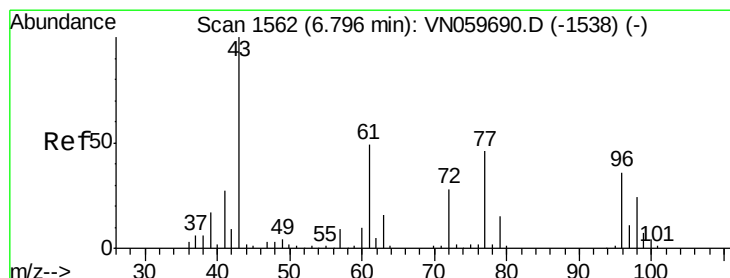
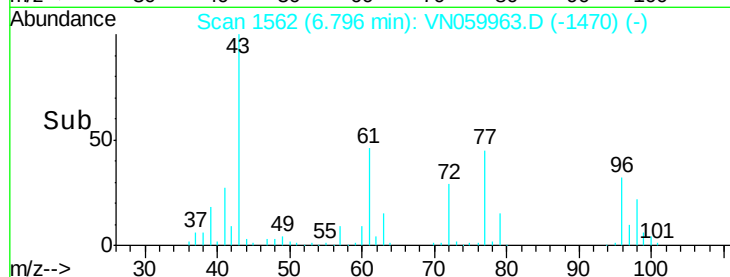
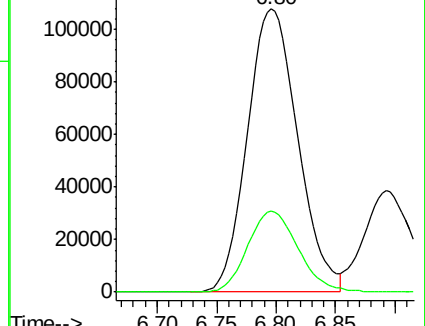
43 100

72 28.5 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN059963.D (-1470) (-)

Ion 72.00 (71.70 to 72.70): VN059963.D (-1470) (-)



#26

2,2-Dichloropropane

Concen: 49.57 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059963.D

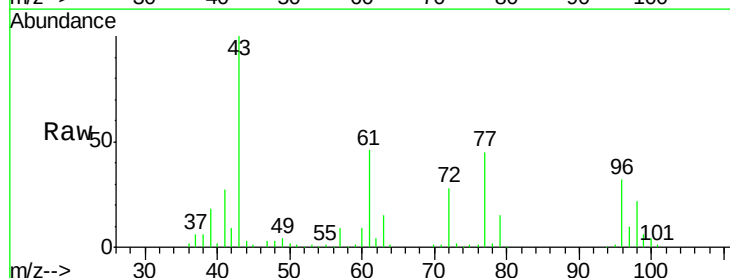
Acq: 3 Feb 2020 9:57

Tgt Ion: 77 Resp: 154753

Ion Ratio Lower Upper

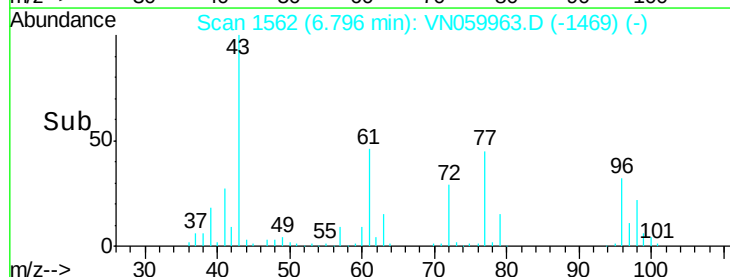
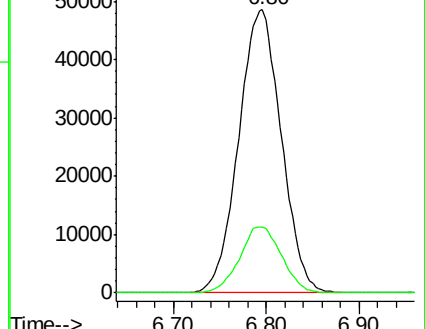
77 100

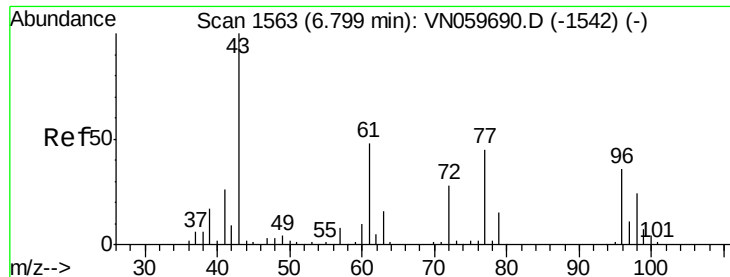
97 23.0 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN059963.D (-1469) (-)

Ion 96.90 (96.60 to 97.60): VN059963.D (-1469) (-)





#27

cis-1,2-Dichloroethene

Concen: 48.08 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

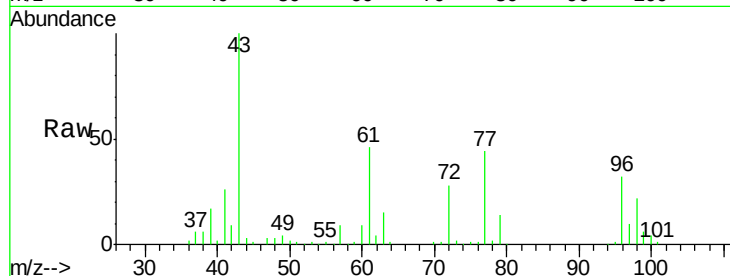
Tgt Ion: 96 Resp: 102278

Ion Ratio Lower Upper

96 100

61 142.9 0.0 317.6

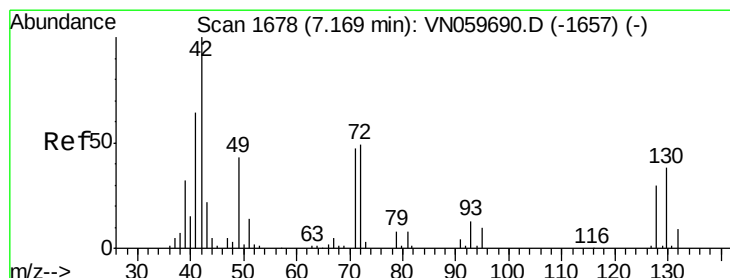
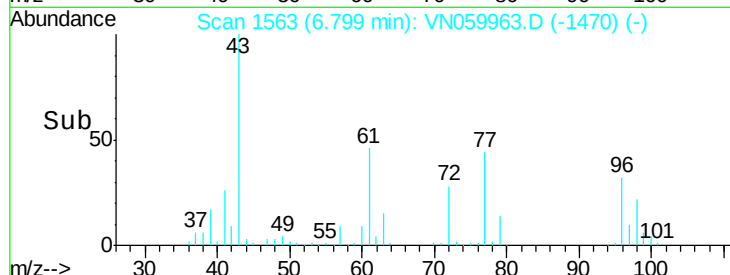
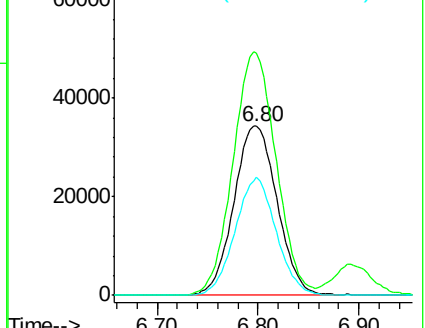
98 65.9 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN059963.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN059963.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN059963.D (-1470) (-)



#28

Bromochloromethane

Concen: 50.12 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

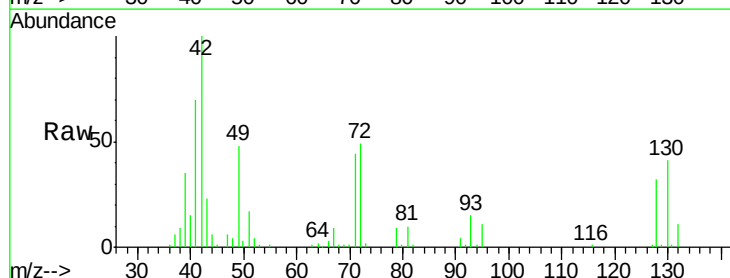
Tgt Ion: 49 Resp: 65054

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.4

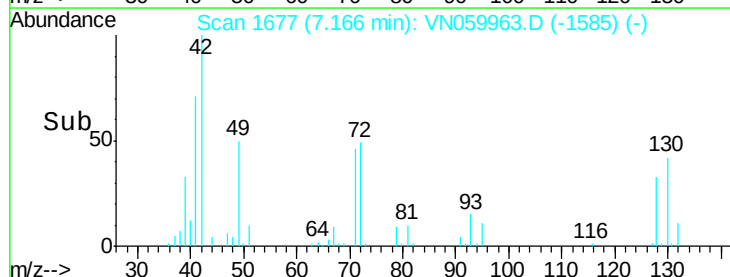
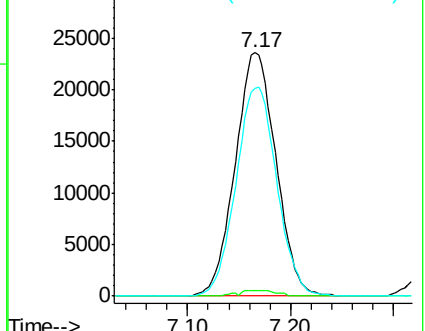
130 85.9 54.7 82.1#

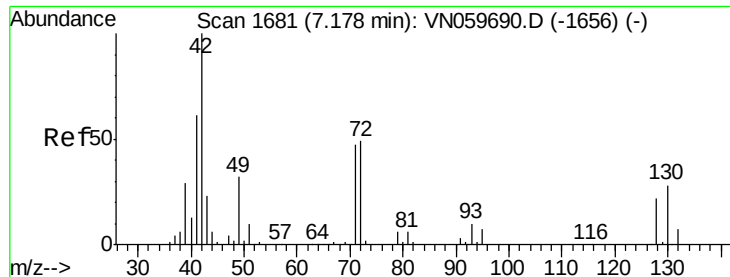


Abundance Ion 48.90 (48.60 to 49.60): VN059963.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN059963.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN059963.D (-1585) (-)

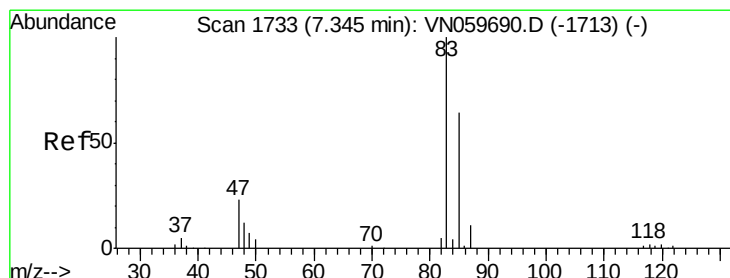
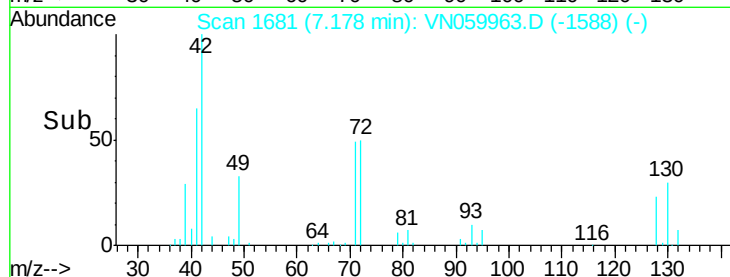
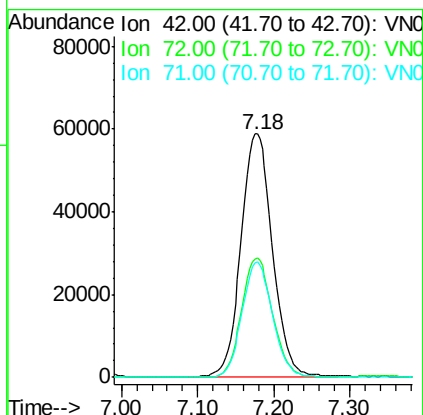
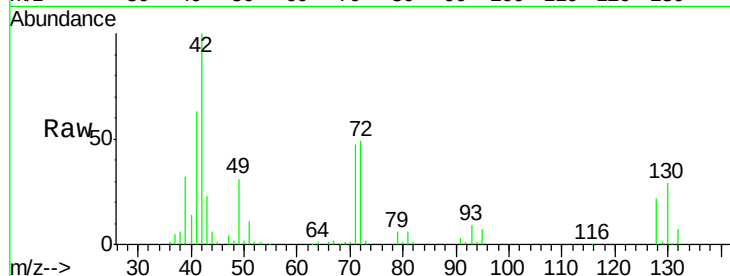




#29
Tetrahydrofuran
Concen: 229.78 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

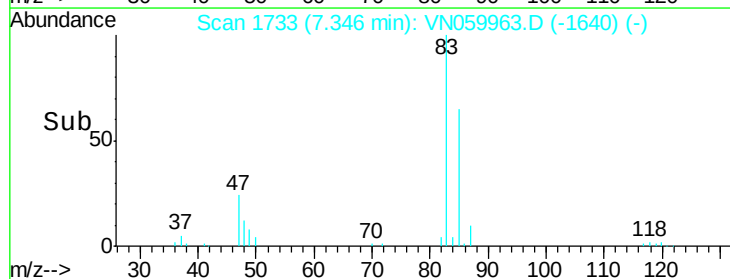
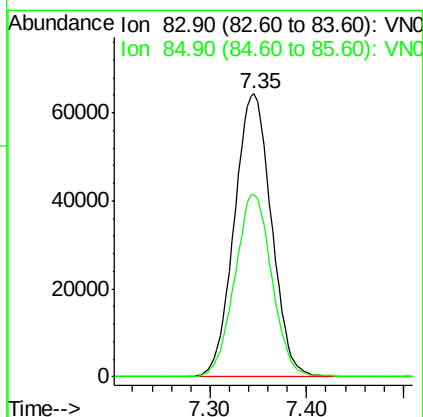
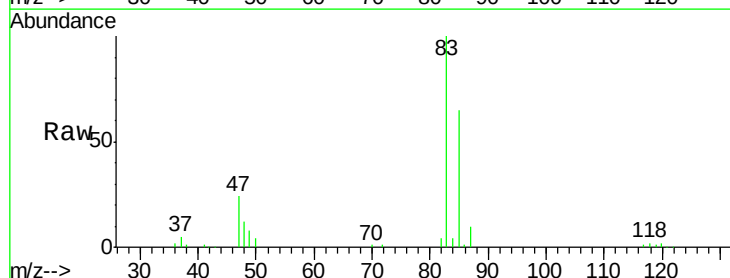
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

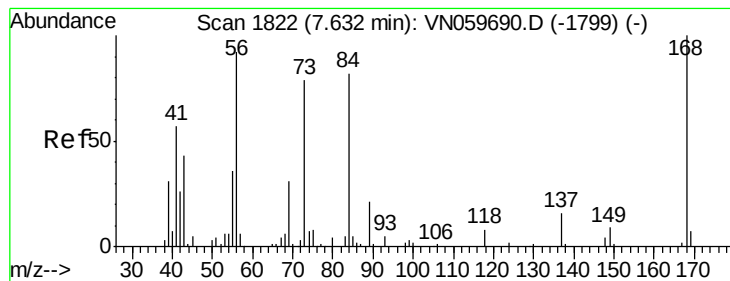
Tgt Ion: 42 Resp: 170030
Ion Ratio Lower Upper
42 100
72 48.1 33.1 49.7
71 45.7 31.4 47.0



#30
Chloroform
Concen: 50.90 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion: 83 Resp: 171255
Ion Ratio Lower Upper
83 100
85 64.6 52.4 78.6





#31

Cyclohexane

Concen: 42.68 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

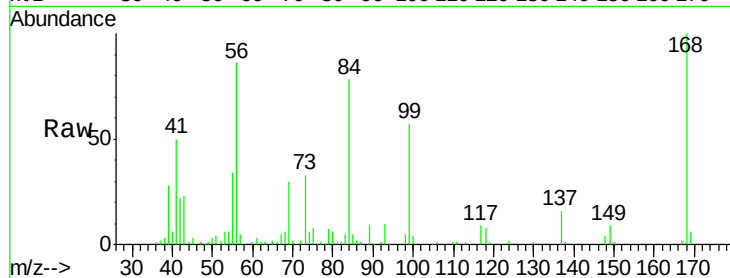
Tgt Ion: 56 Resp: 133361

Ion Ratio Lower Upper

56 100

69 34.9 26.5 39.7

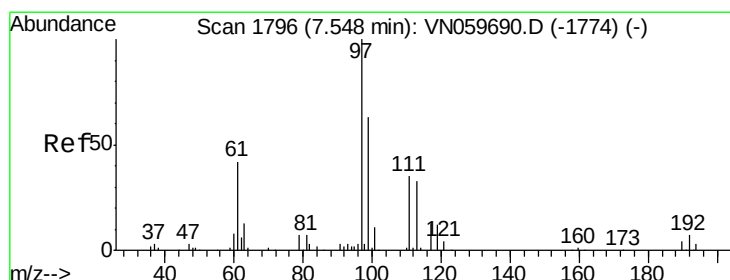
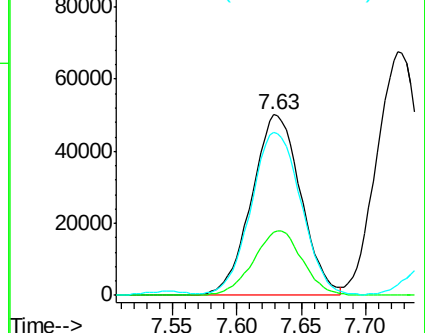
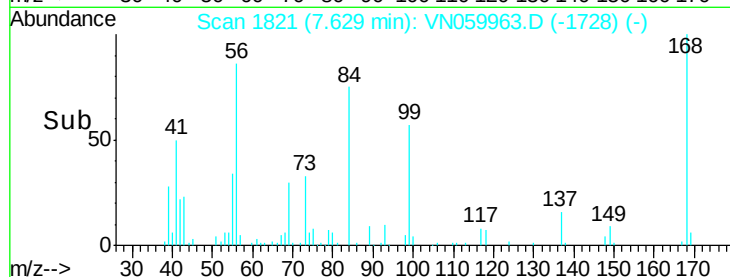
84 89.2 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN059963.D (-1728) (-)

Ion 69.00 (68.70 to 69.70): VN059963.D (-1728) (-)

Ion 84.00 (83.70 to 84.70): VN059963.D (-1728) (-)



#32

1,1,1-Trichloroethane

Concen: 48.66 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

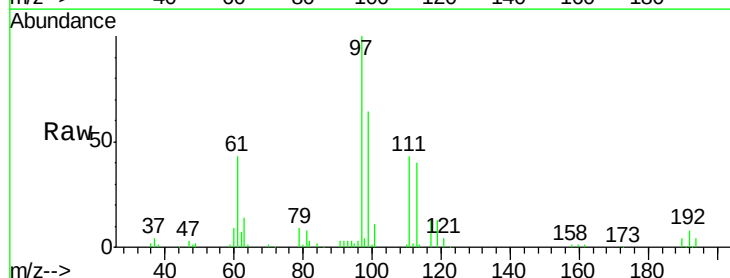
Tgt Ion: 97 Resp: 151394

Ion Ratio Lower Upper

97 100

99 65.1 51.0 76.4

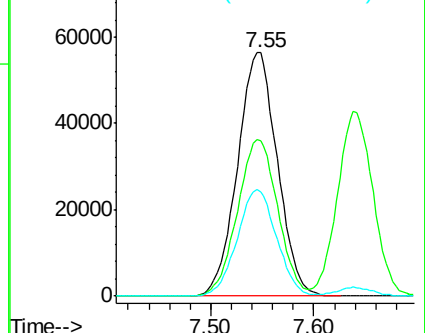
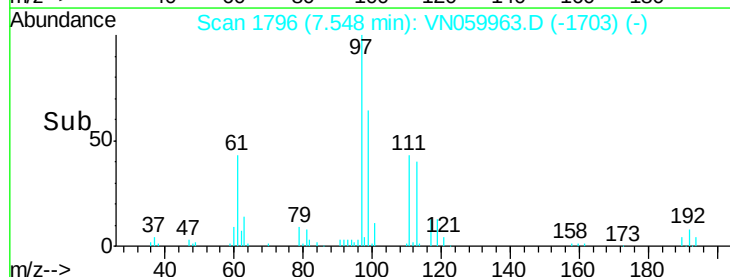
61 43.3 38.5 57.7

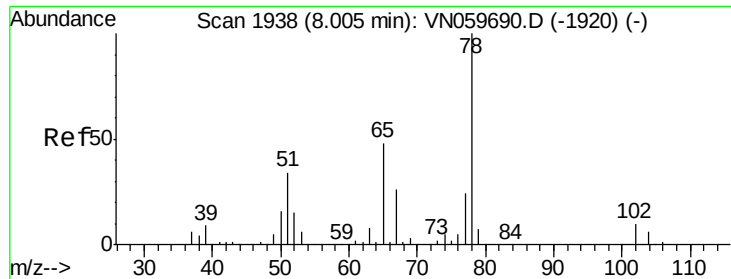


Abundance Ion 96.90 (96.60 to 97.60): VN059963.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN059963.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN059963.D (-1703) (-)

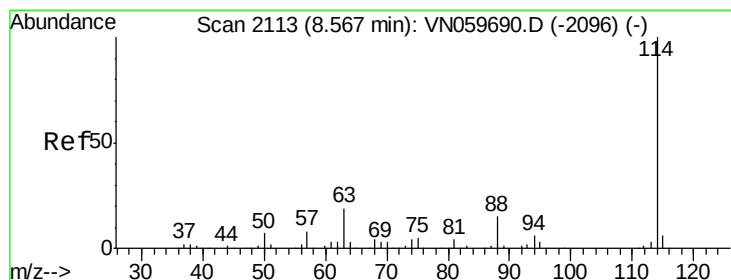
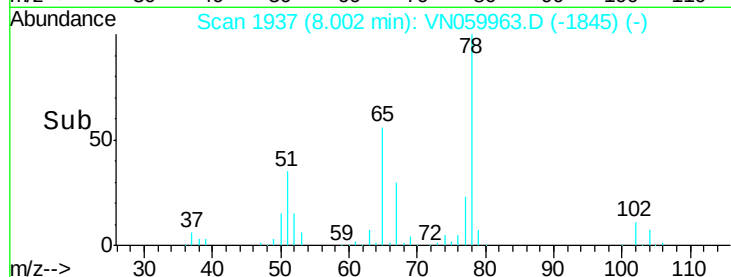
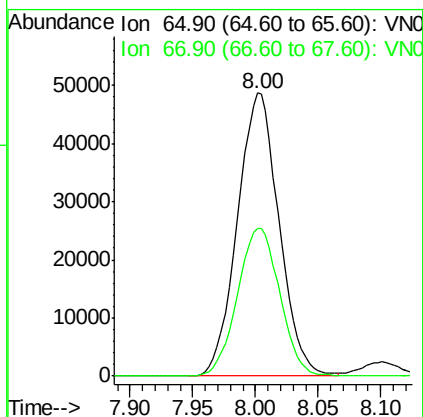
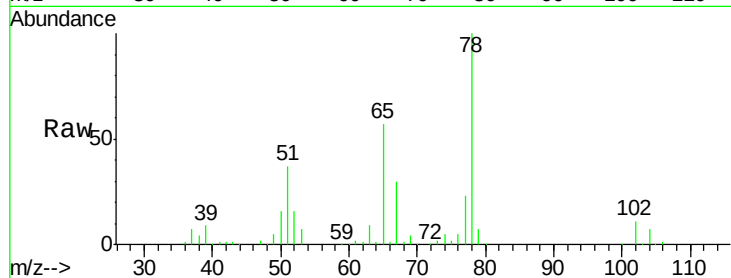




#33
 1,2-Dichloroethane-d4
 Concen: 53.27 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

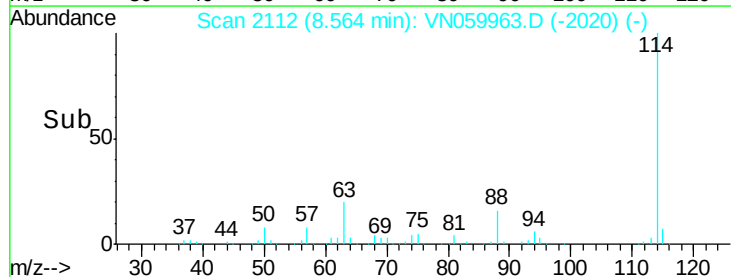
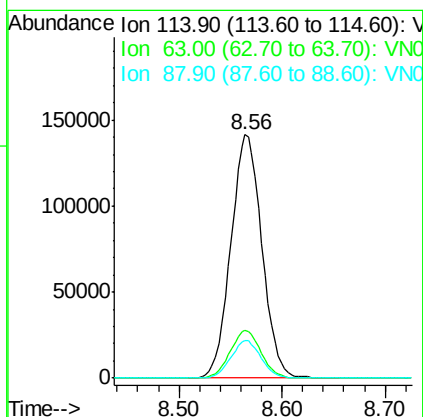
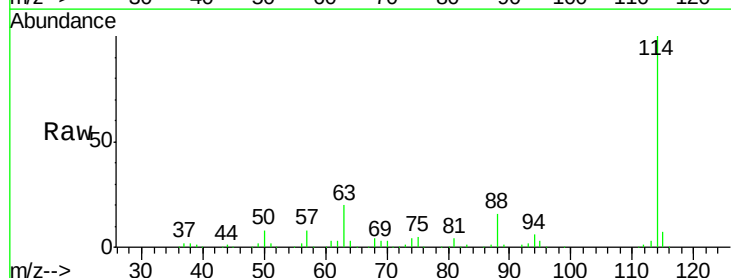
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

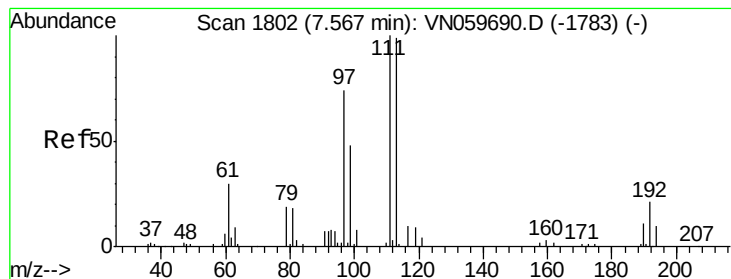
Tgt Ion: 65 Resp: 112505
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Tgt Ion: 114 Resp: 295863
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 43.6
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.46 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

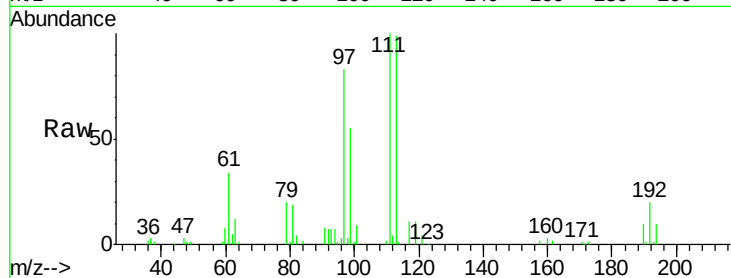
Tgt Ion:113 Resp: 94324

Ion Ratio Lower Upper

113 100

111 101.8 83.5 125.3

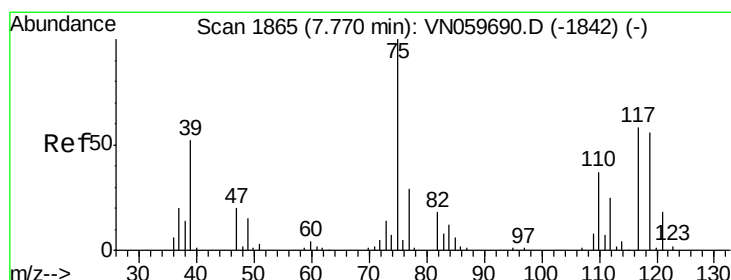
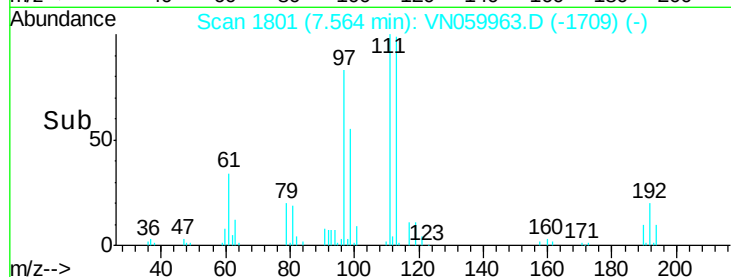
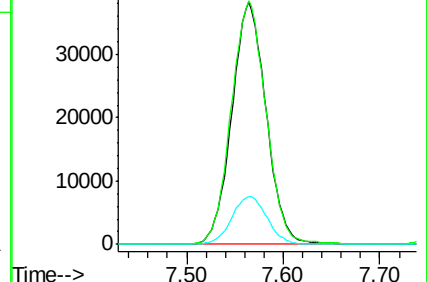
192 20.2 15.4 23.2



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: 47.22 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

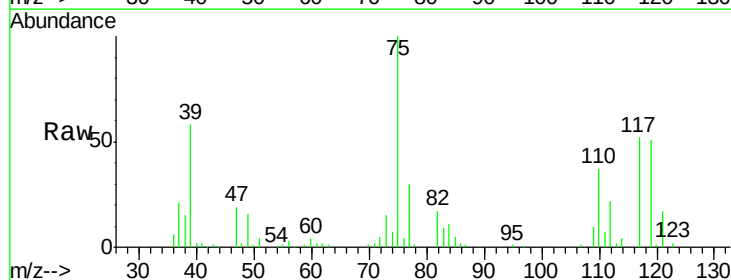
Tgt Ion: 75 Resp: 121674

Ion Ratio Lower Upper

75 100

110 36.7 16.6 49.7

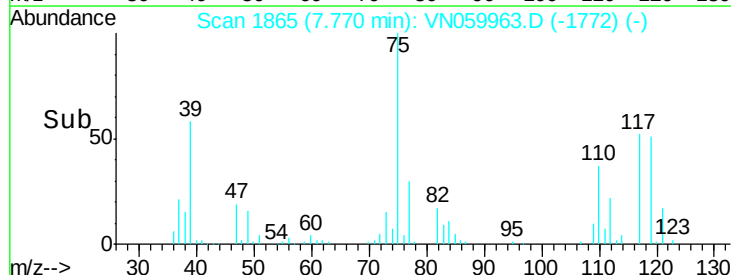
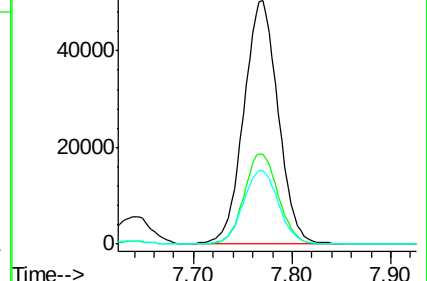
77 31.1 25.1 37.7

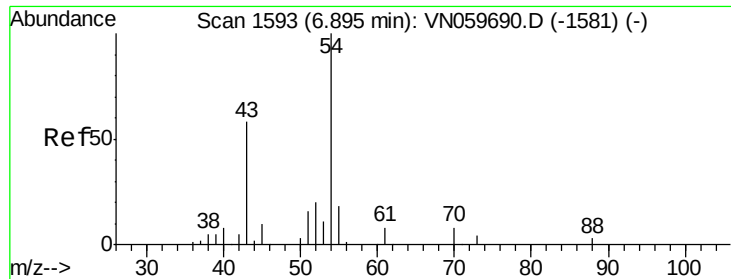


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

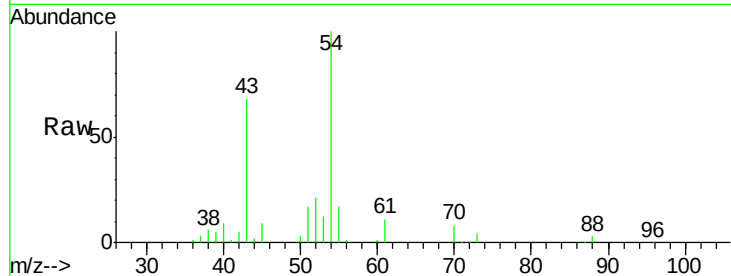




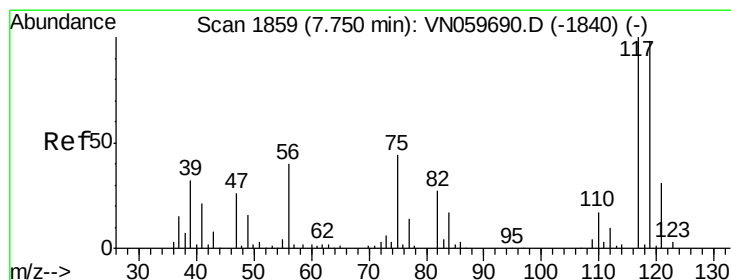
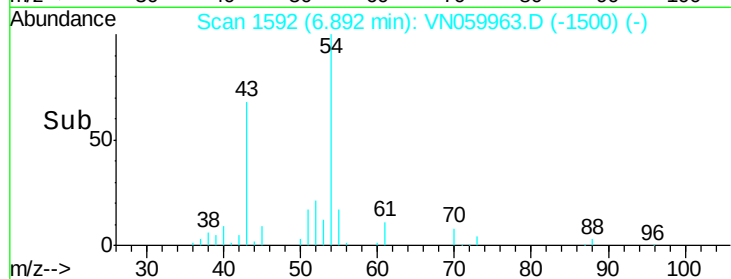
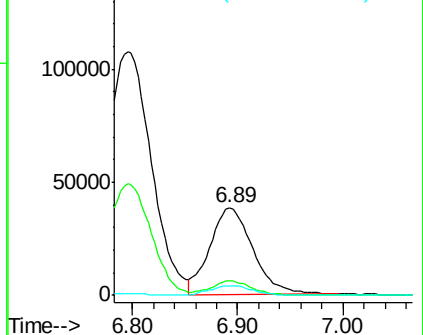
#37
Ethyl Acetate
Concen: 45.01 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 108762
Ion Ratio Lower Upper
43 100
61 15.8 10.9 16.3
70 11.3 7.7 11.5

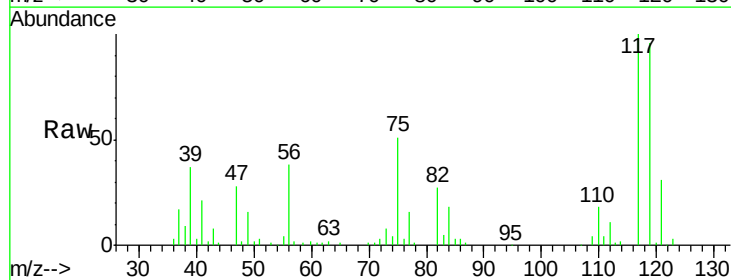


Abundance Ion 43.00 (42.70 to 43.70): VN059963.D (-1500) (-)
Ion 60.90 (60.60 to 61.60): VN059963.D (-1500) (-)
Ion 70.00 (69.70 to 70.70): VN059963.D (-1500) (-)

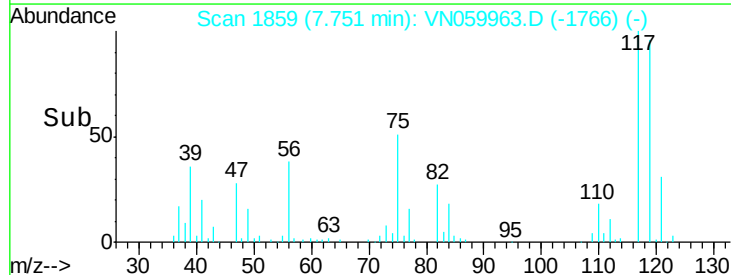
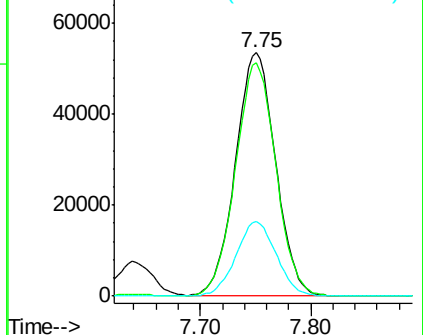


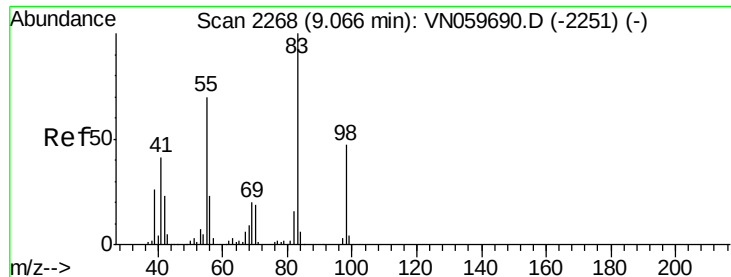
#38
Carbon Tetrachloride
Concen: 48.21 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion: 117 Resp: 135122
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7
121 30.7 25.1 37.7



Abundance Ion 116.80 (116.50 to 117.50): VN059963.D (-1766) (-)
Ion 118.80 (118.50 to 119.50): VN059963.D (-1766) (-)
Ion 120.80 (120.50 to 121.50): VN059963.D (-1766) (-)

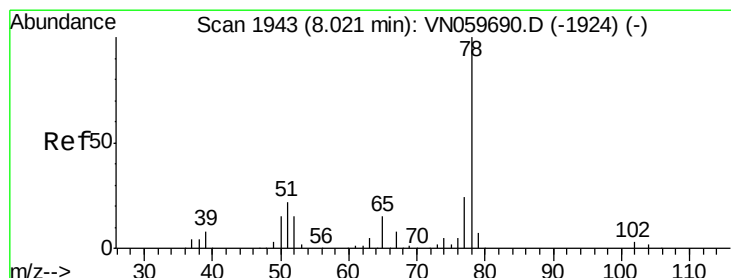
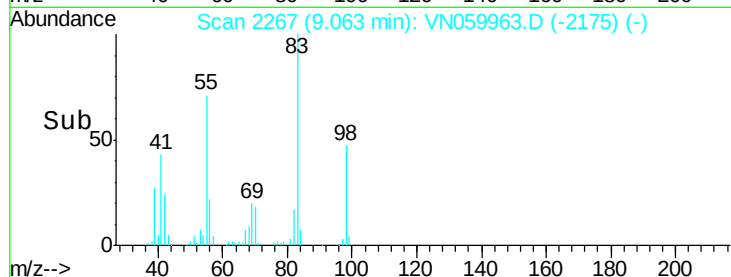
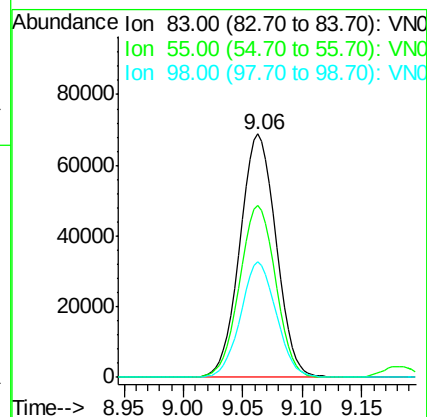
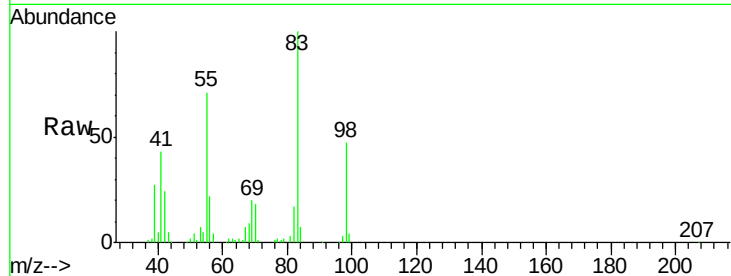




#39
Methylcyclohexane
Concen: 45.73 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

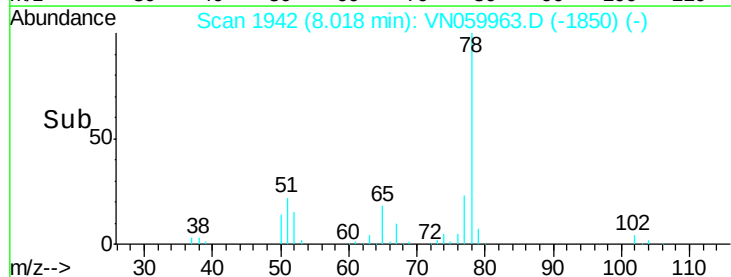
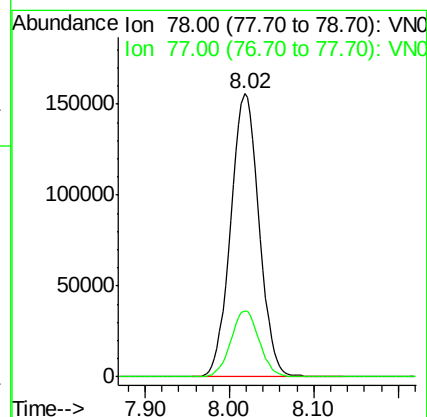
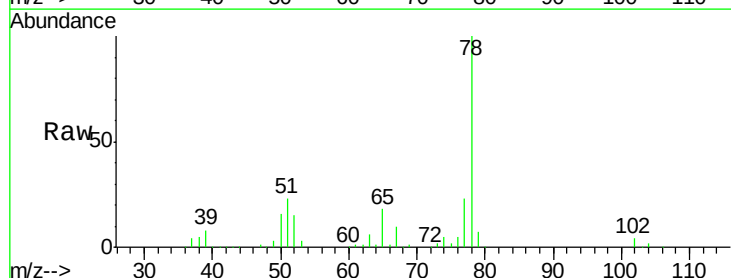
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

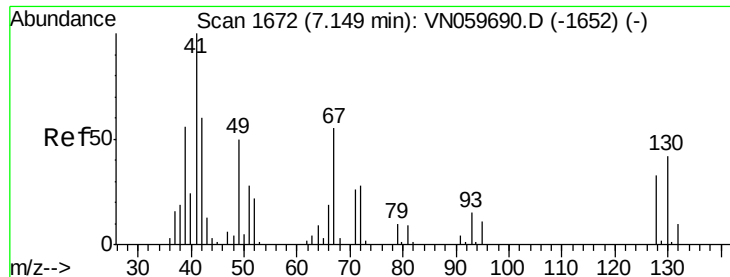
Tgt Ion: 83 Resp: 145283
Ion Ratio Lower Upper
83 100
55 70.7 64.2 96.2
98 47.4 35.9 53.9



#40
Benzene
Concen: 47.46 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion: 78 Resp: 364718
Ion Ratio Lower Upper
78 100
77 23.3 18.9 28.3

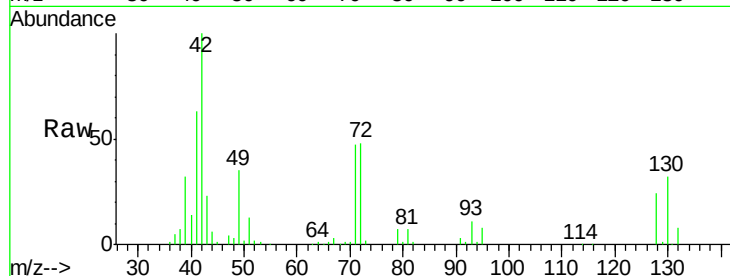




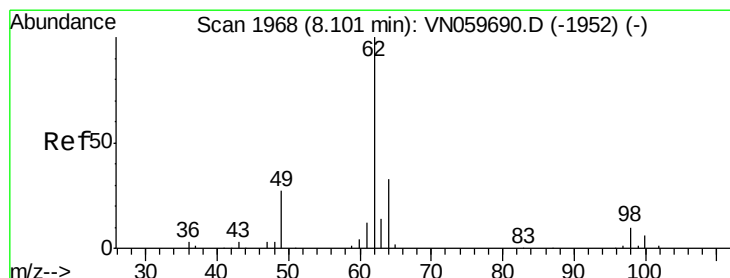
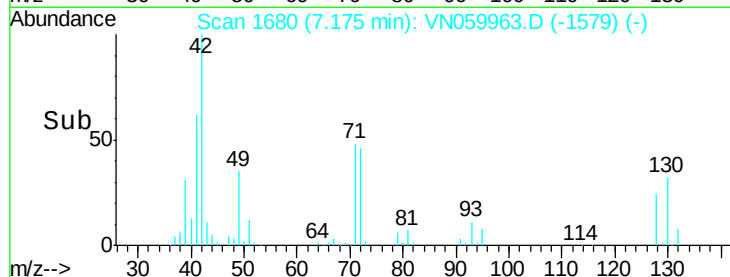
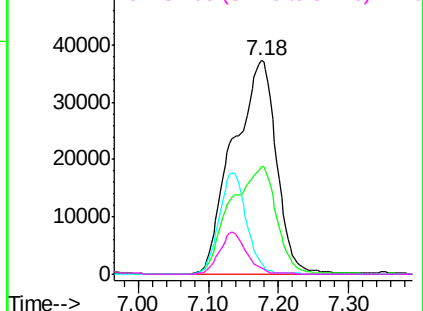
#41
Methacrylonitrile
Concen: 134.40 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

Tgt Ion:	41	Resp:	159968
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

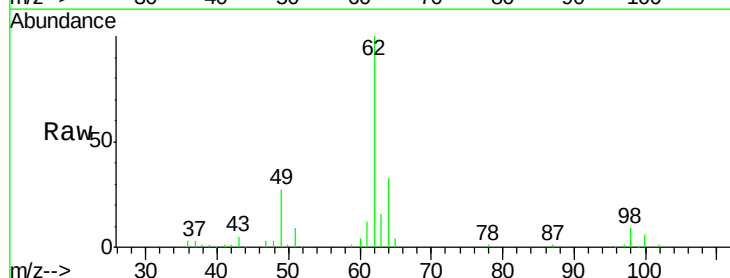


Abundance Ion 41.00 (40.70 to 41.70): VN059963.D (-1680) (-)

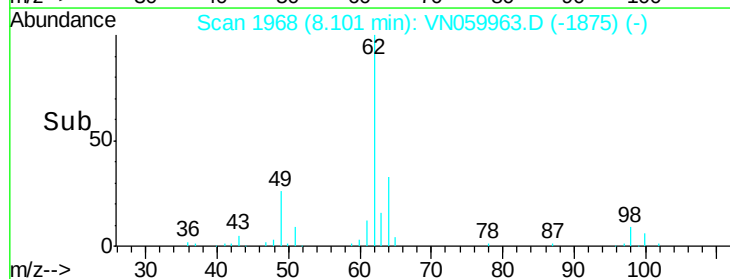
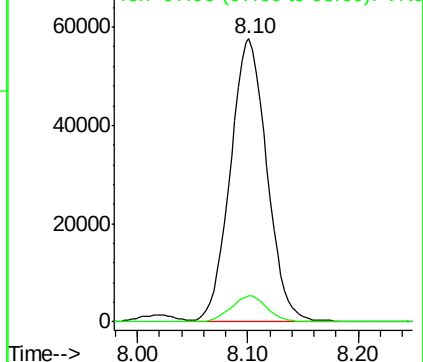


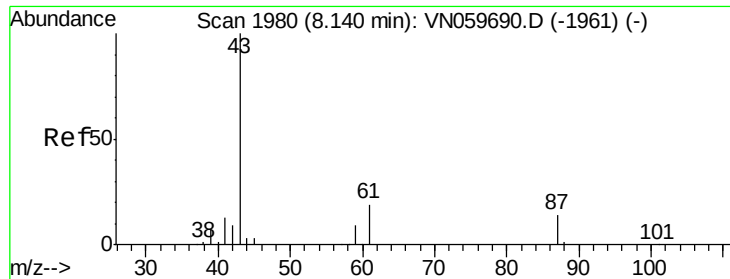
#42
1,2-Dichloroethane
Concen: 50.52 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion:	62	Resp:	131621
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN059963.D (-1968) (-)





#43

Isopropyl Acetate

Concen: 47.38 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

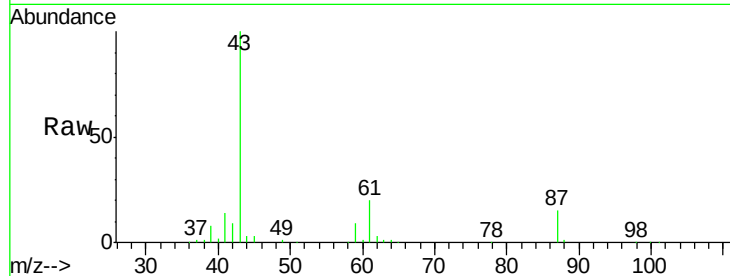
Tgt Ion: 43 Resp: 196928

Ion Ratio Lower Upper

43 100

61 27.4 20.2 30.2

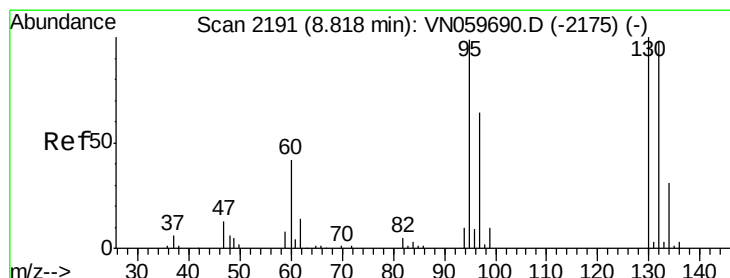
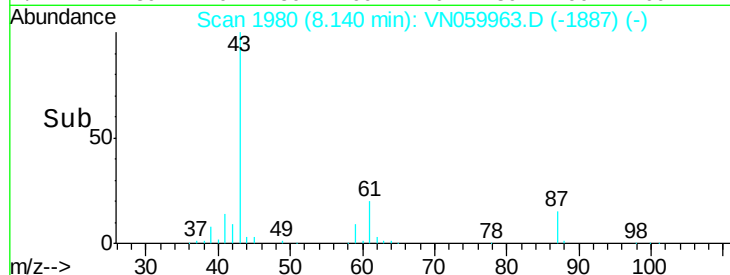
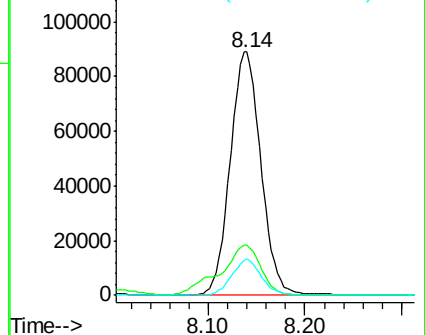
87 14.2 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059963.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059963.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059963.D (-1887) (-)



#44

Trichloroethene

Concen: 49.74 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059963.D

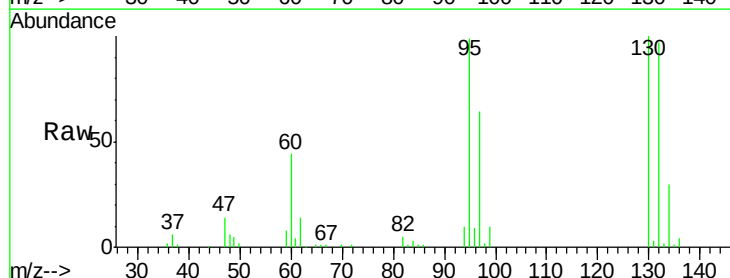
Acq: 3 Feb 2020 9:57

Tgt Ion: 130 Resp: 104341

Ion Ratio Lower Upper

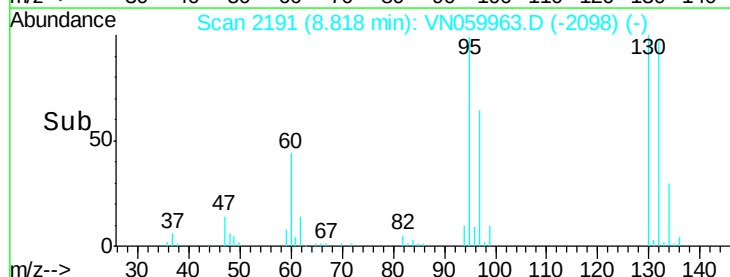
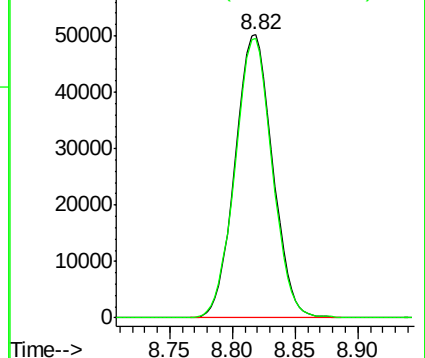
130 100

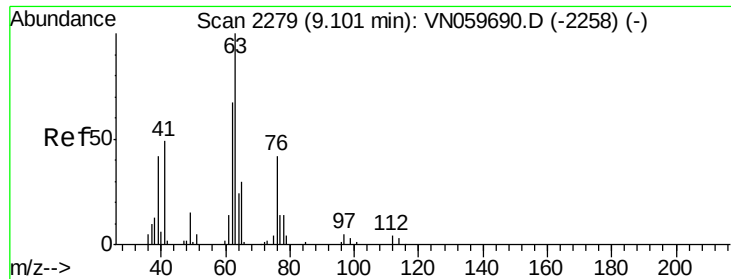
95 99.0 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059963.D (-2098) (-)

Ion 94.90 (94.60 to 95.60): VN059963.D (-2098) (-)





#45

1,2-Dichloropropane

Concen: 50.15 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

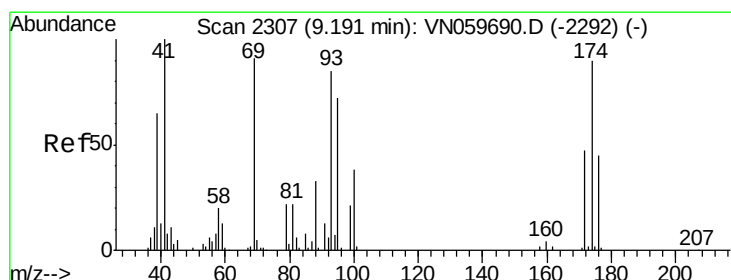
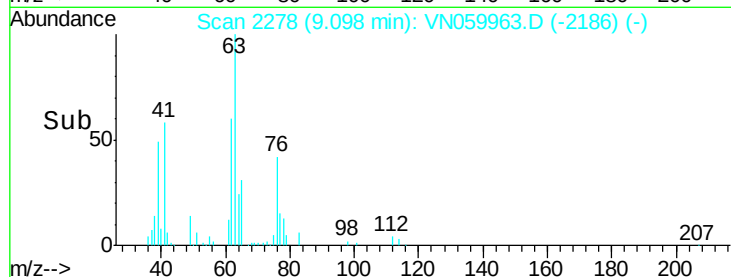
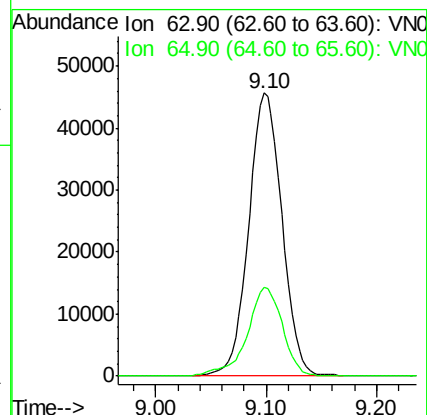
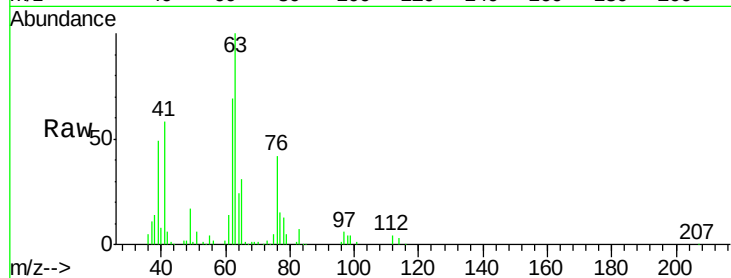
VSTDCCC050

Tgt Ion: 63 Resp: 95349

Ion Ratio Lower Upper

63 100

65 31.5 24.9 37.3



#46

Dibromomethane

Concen: 49.35 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

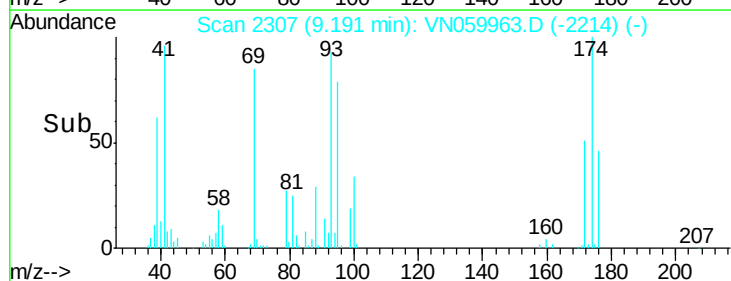
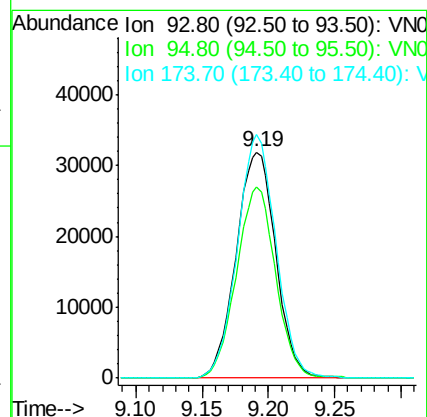
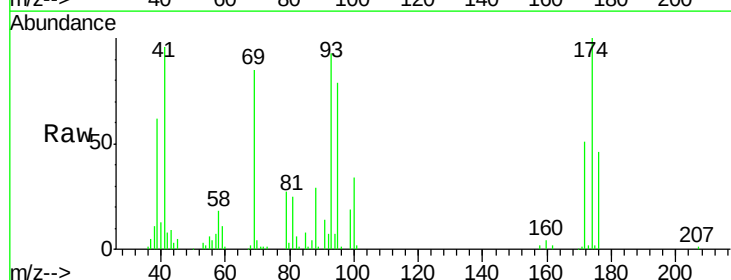
Tgt Ion: 93 Resp: 66192

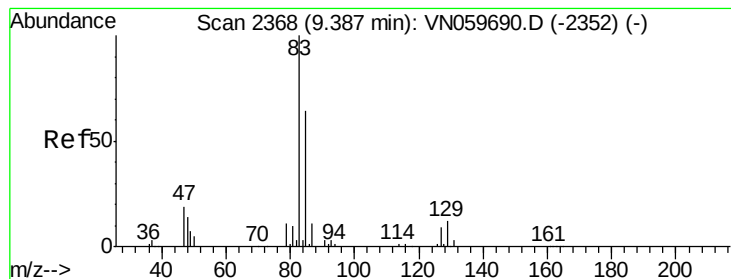
Ion Ratio Lower Upper

93 100

95 83.6 67.0 100.6

174 104.6 73.4 110.2





#47

Bromodichloromethane

Concen: 51.38 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

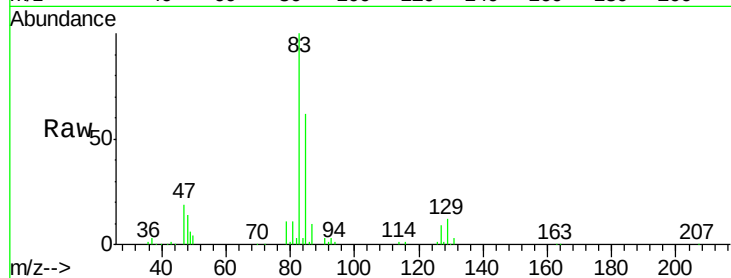
Tgt Ion: 83 Resp: 138862

Ion Ratio Lower Upper

83 100

85 61.8 51.1 76.7

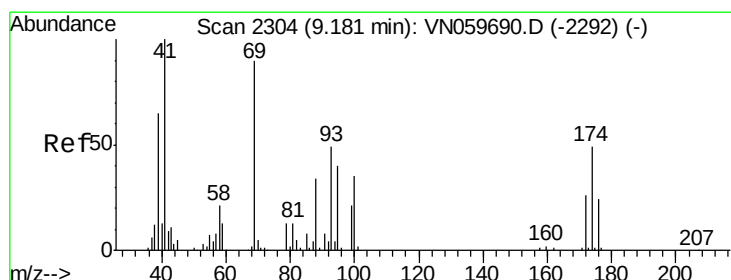
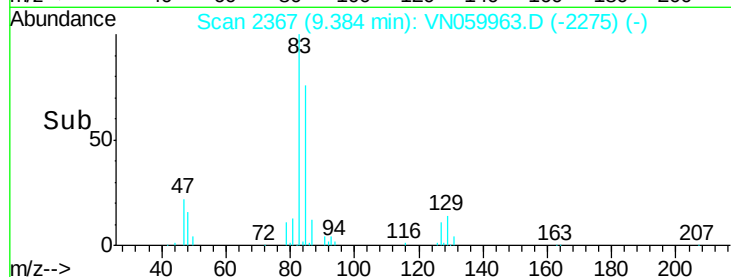
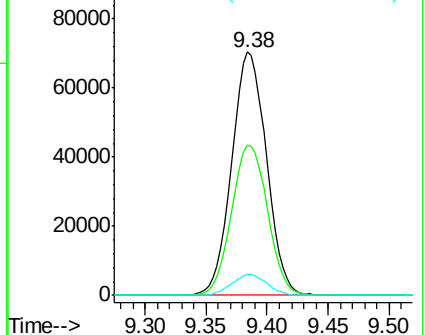
127 8.5 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN059963.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059963.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059963.D (-2275) (-)



#48

Methyl methacrylate

Concen: 46.65 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

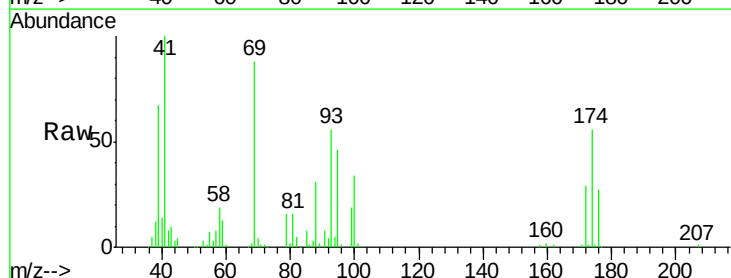
Tgt Ion: 41 Resp: 86724

Ion Ratio Lower Upper

41 100

69 91.4 64.4 96.6

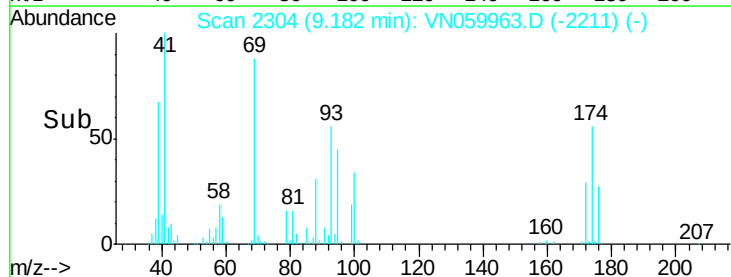
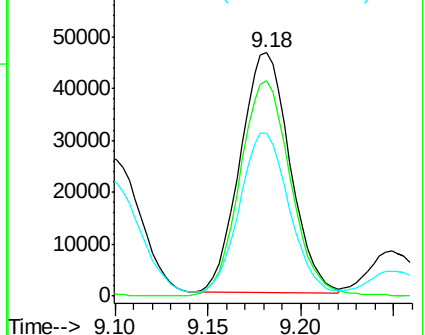
39 68.8 51.3 76.9

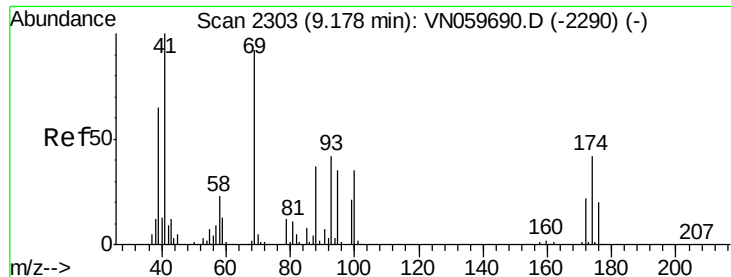


Abundance Ion 41.00 (40.70 to 41.70): VN059963.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN059963.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN059963.D (-2211) (-)

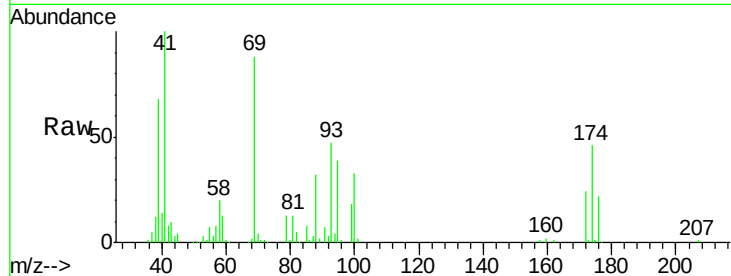




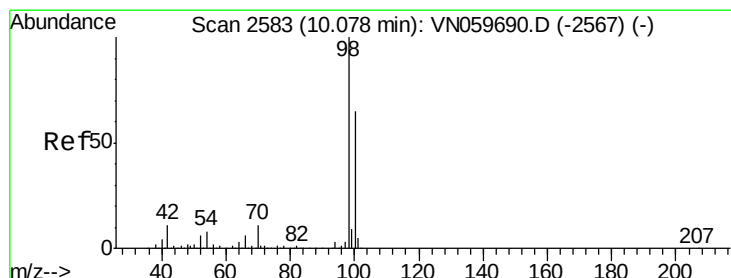
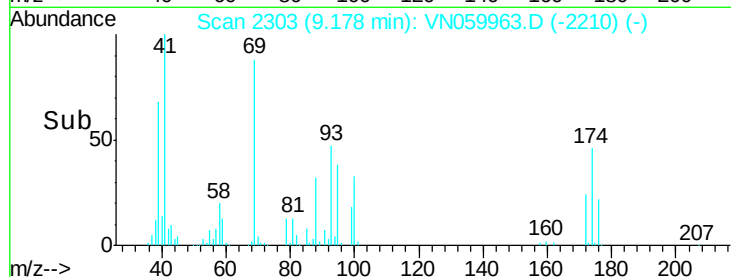
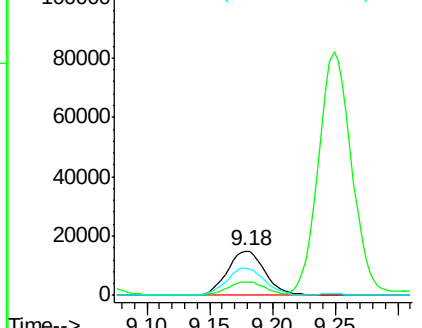
#49
 1,4-Dioxane
 Concen: 915.99 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 88 Resp: 31176
 Ion Ratio Lower Upper
 88 100
 43 31.1 29.7 44.5
 58 61.8 56.6 85.0

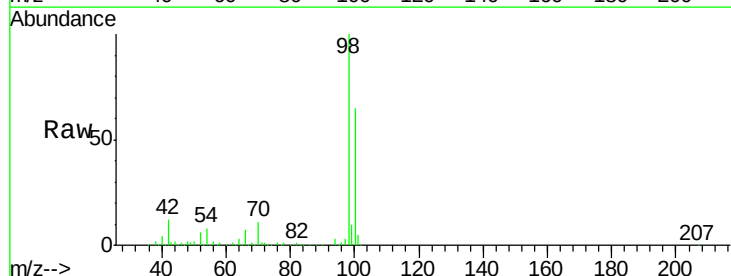


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

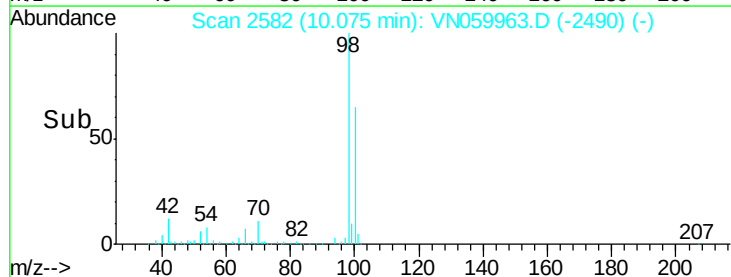
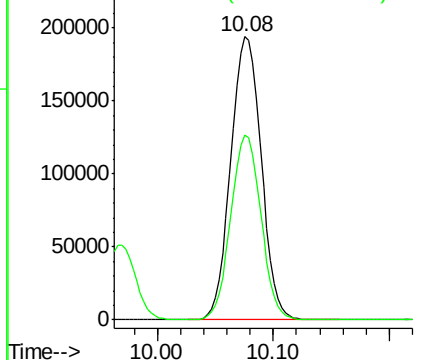


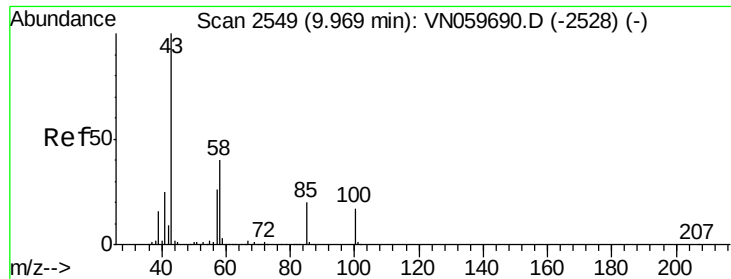
#50
 Toluene-d8
 Concen: 51.89 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Tgt Ion: 98 Resp: 354739
 Ion Ratio Lower Upper
 98 100
 100 64.6 51.2 76.8



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

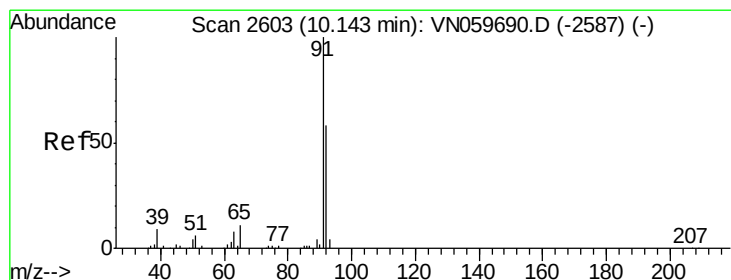
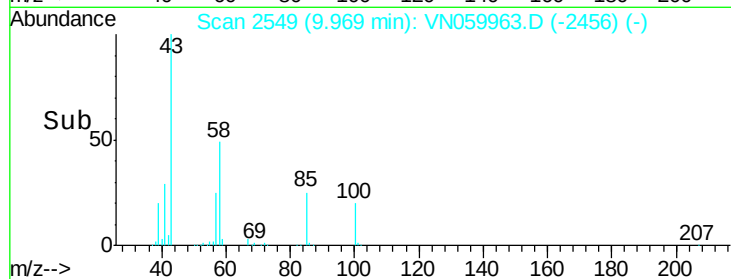
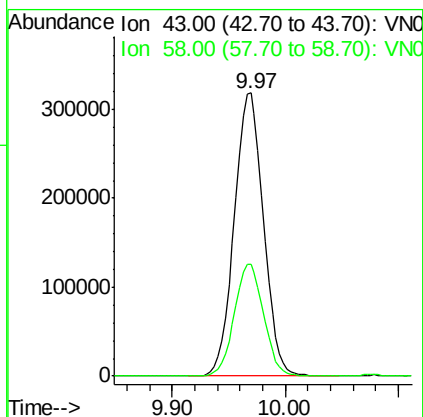
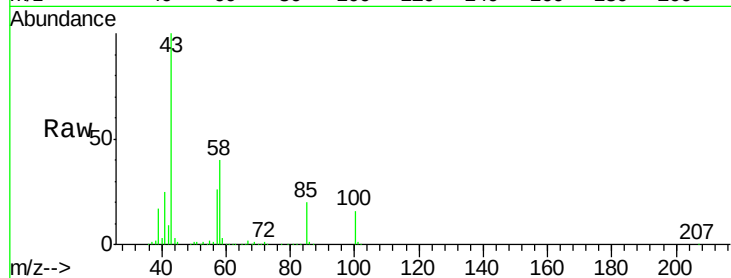




#51
 4-Methyl-2-Pentanone
 Concen: 238.23 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

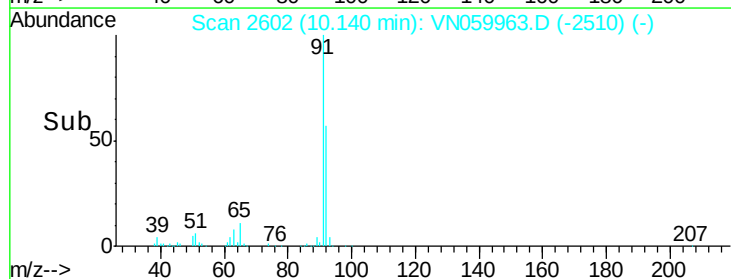
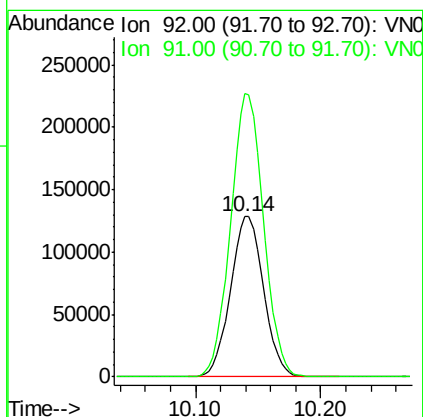
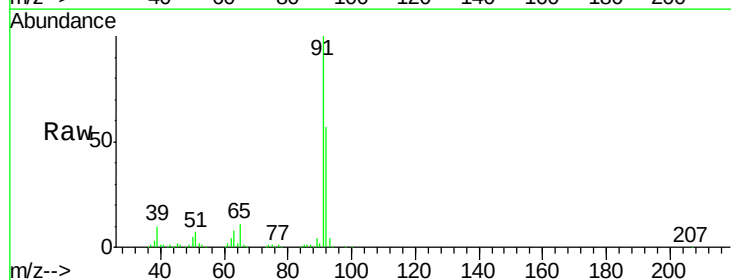
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

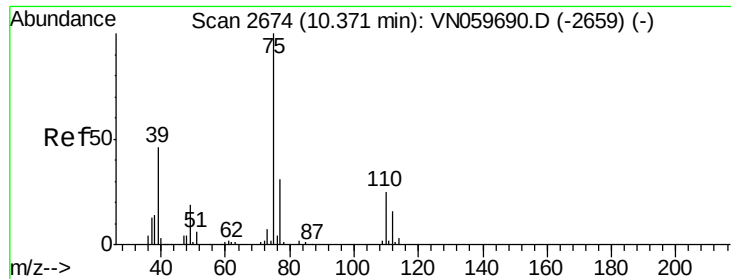
Tgt Ion: 43 Resp: 572416
 Ion Ratio Lower Upper
 43 100
 58 39.7 29.8 44.8



#52
 Toluene
 Concen: 48.59 ug/l
 RT: 10.14 min Scan# 2602
 Delta R.T. -0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Tgt Ion: 92 Resp: 235848
 Ion Ratio Lower Upper
 92 100
 91 175.5 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 52.03 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

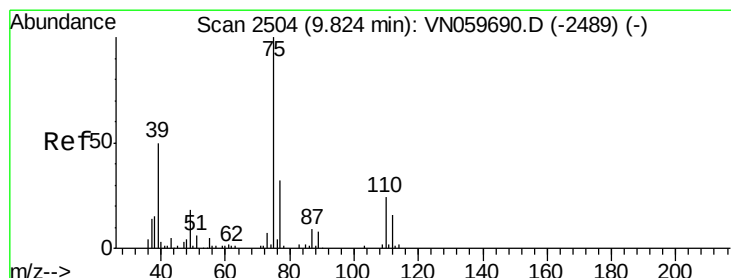
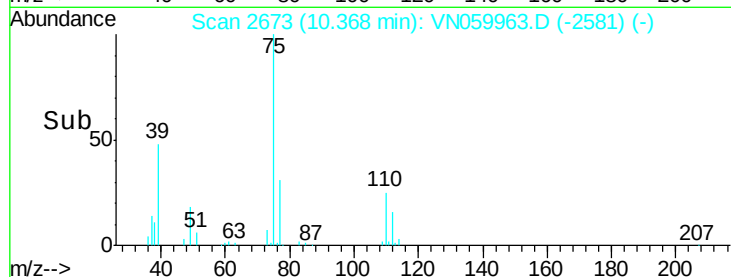
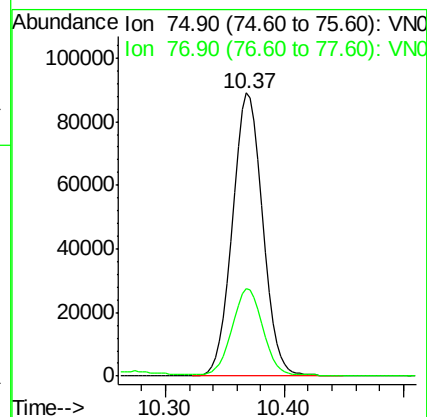
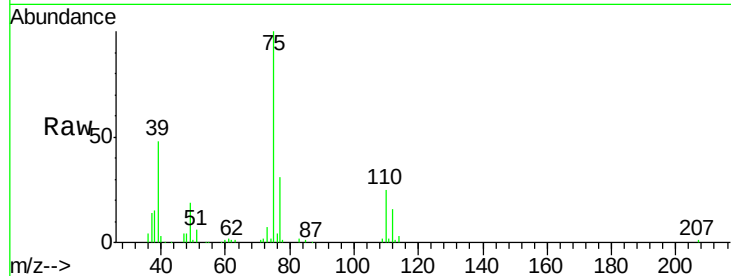
VSTDCCC050

Tgt Ion: 75 Resp: 157036

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 51.60 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

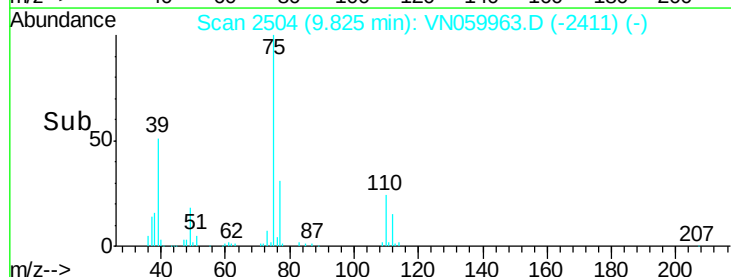
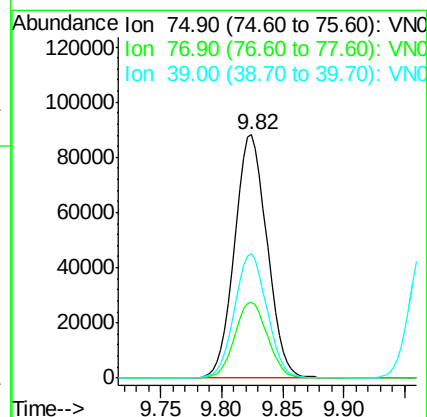
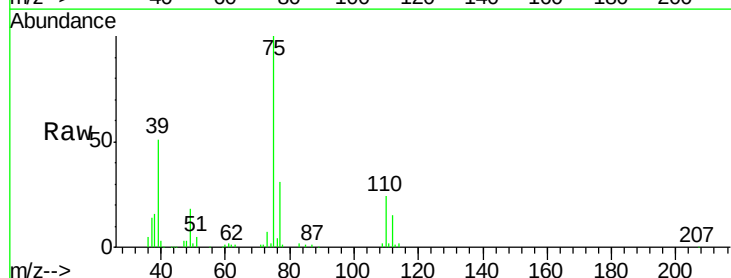
Tgt Ion: 75 Resp: 163850

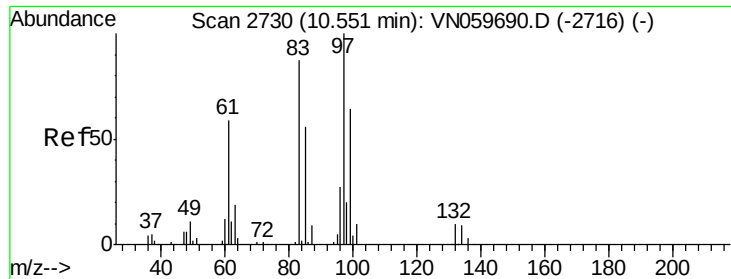
Ion Ratio Lower Upper

75 100

77 31.3 25.1 37.7

39 50.9 46.1 69.1





#55

1,1,2-Trichloroethane

Concen: 50.87 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 97780

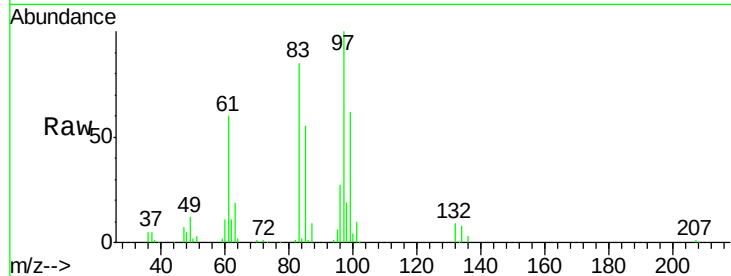
Ion Ratio Lower Upper

97 100

83 84.9 71.3 106.9

85 54.5 45.8 68.8

99 61.8 50.0 75.0



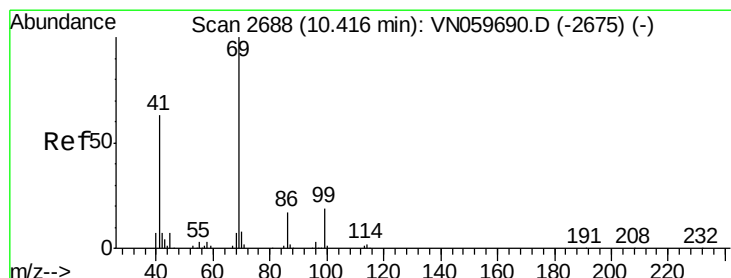
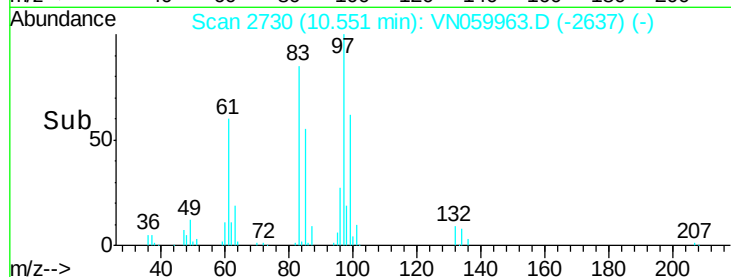
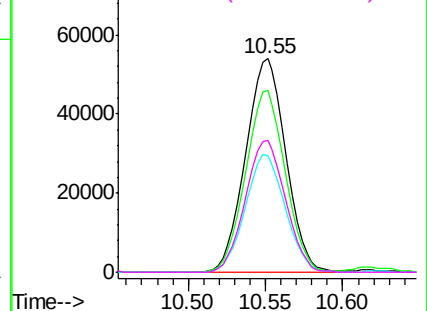
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.37 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

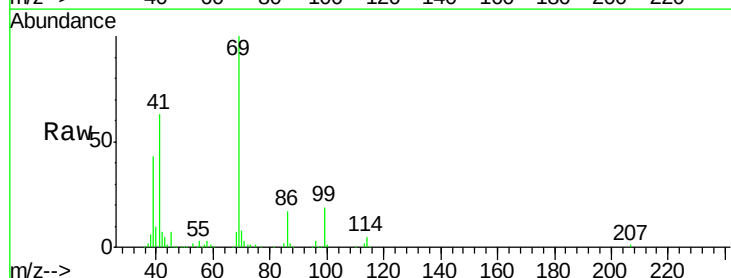
Tgt Ion: 69 Resp: 139147

Ion Ratio Lower Upper

69 100

41 63.7 57.1 85.7

39 42.1 34.7 52.1

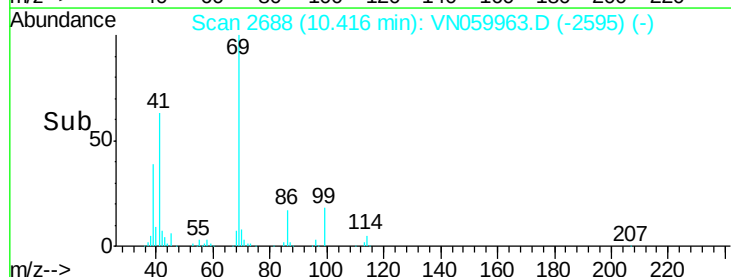
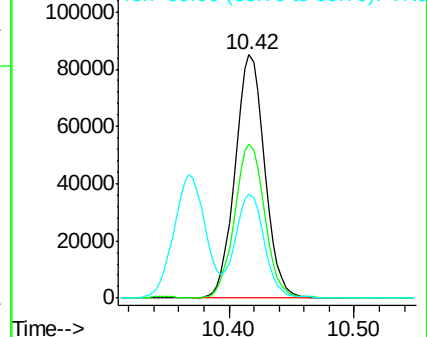


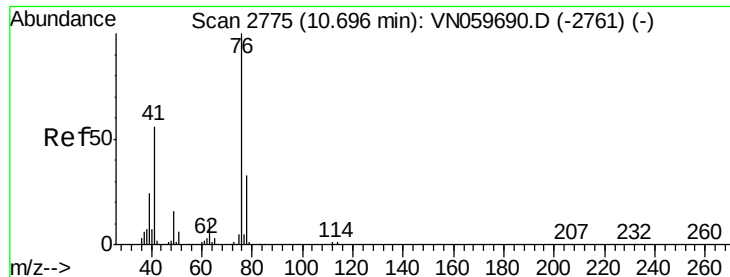
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 51.27 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

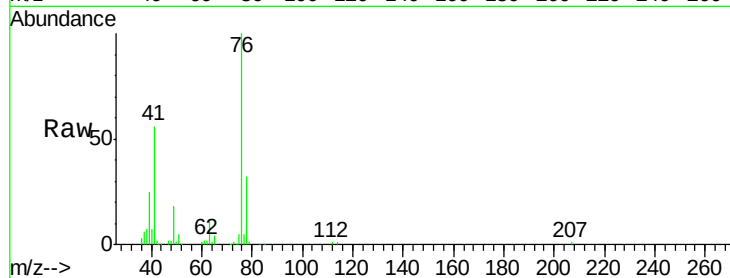
VSTDCCC050

Tgt Ion: 76 Resp: 156466

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.70

80000

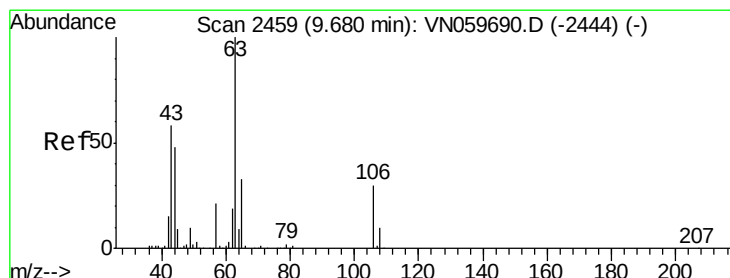
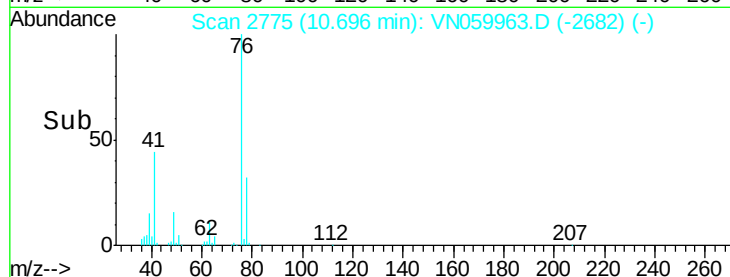
60000

40000

20000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 274.36 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN059963.D

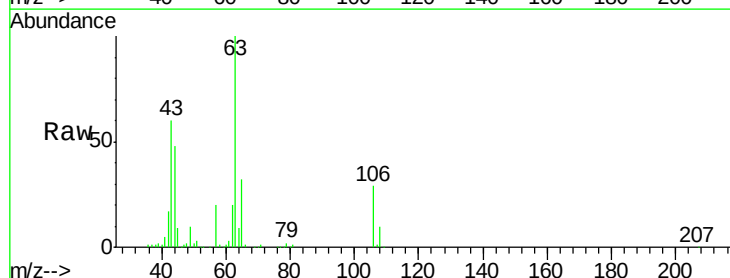
Acq: 3 Feb 2020 9:57

Tgt Ion: 63 Resp: 242727

Ion Ratio Lower Upper

63 100

106 29.0 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.68

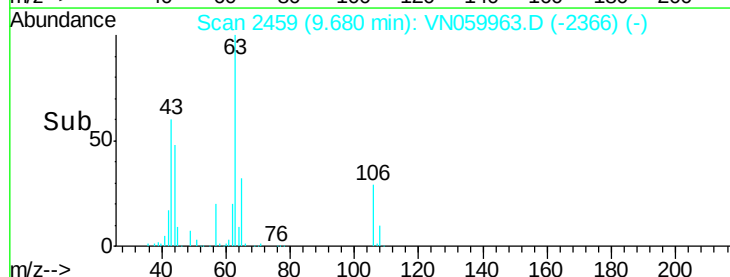
150000

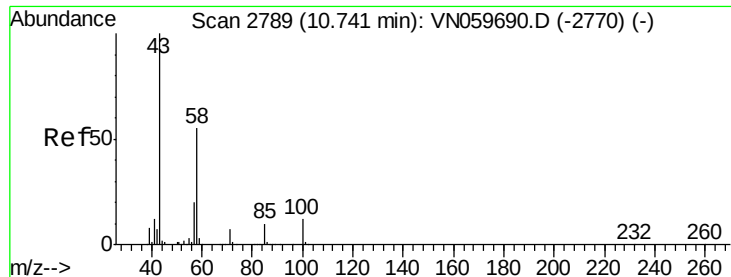
100000

50000

0

Time--> 9.60 9.65 9.70 9.75 9.80

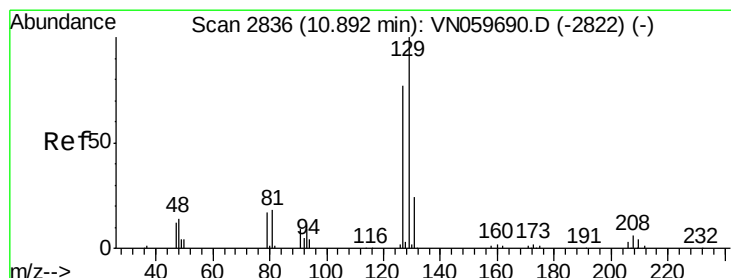
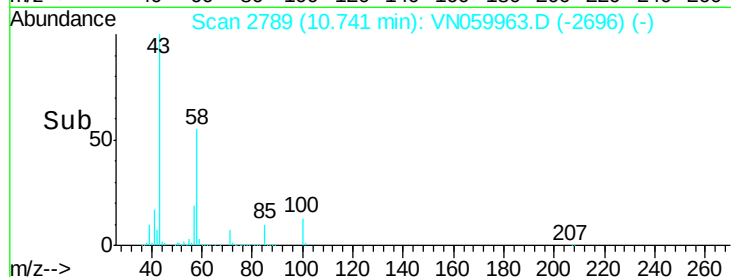
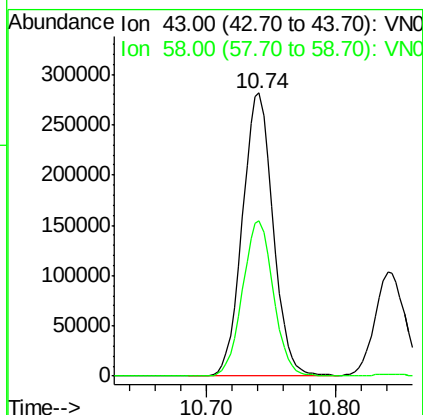
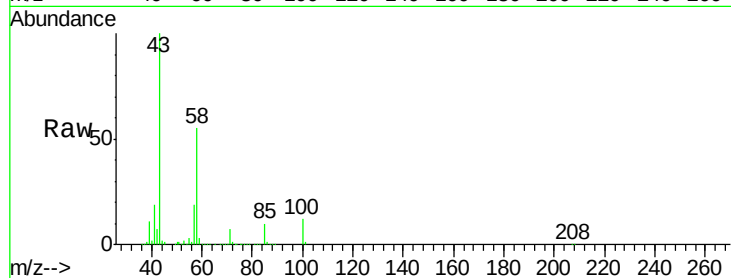




#59
2-Hexanone
Concen: 263.61 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

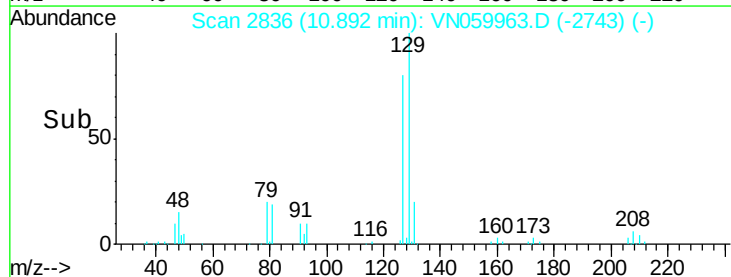
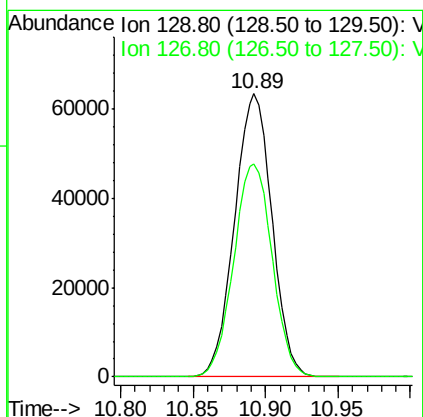
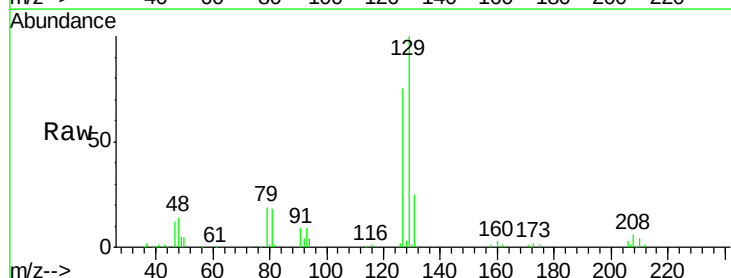
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

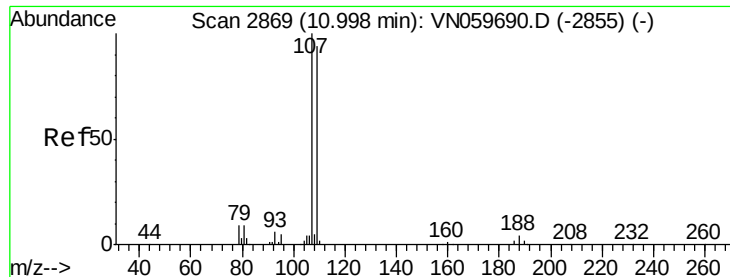
Tgt Ion: 43 Resp: 466624
Ion Ratio Lower Upper
43 100
58 55.0 25.8 77.3



#60
Dibromochloromethane
Concen: 51.92 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion: 129 Resp: 113653
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

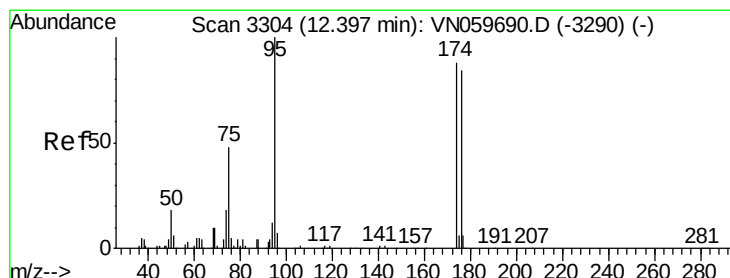
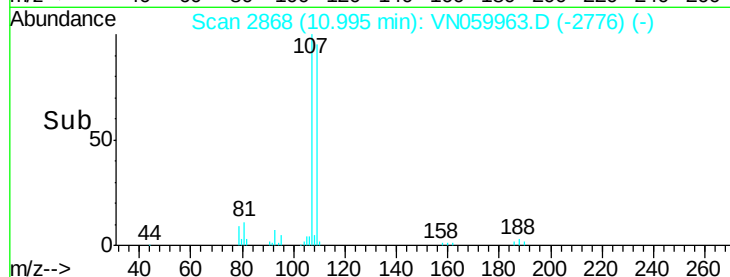
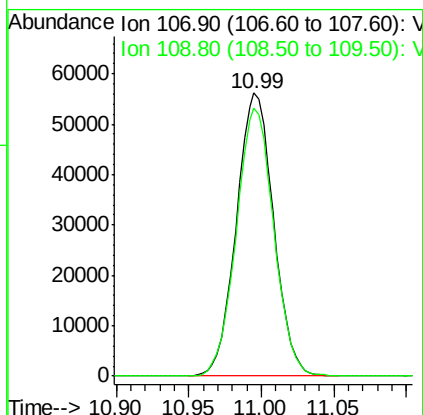
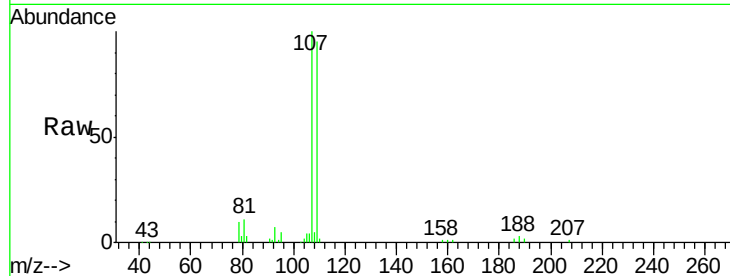




#61
 1,2-Dibromoethane
 Concen: 49.68 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

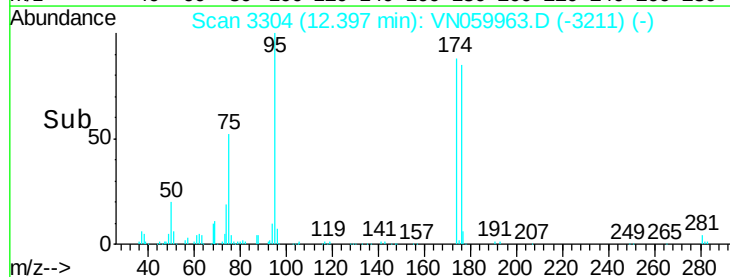
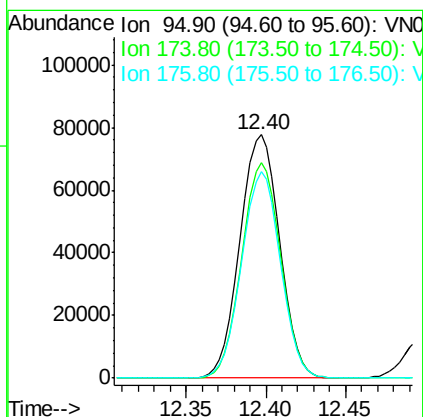
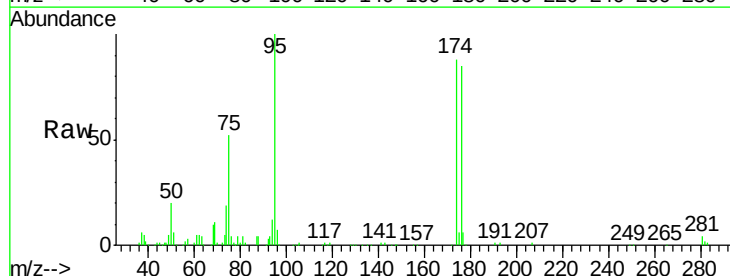
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

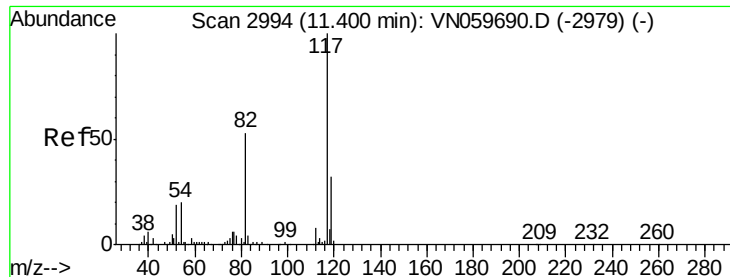
Tgt Ion: 107 Resp: 100096
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 53.52 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Tgt Ion: 95 Resp: 131895
 Ion Ratio Lower Upper
 95 100
 174 86.7 0.0 151.4
 176 83.0 0.0 146.0

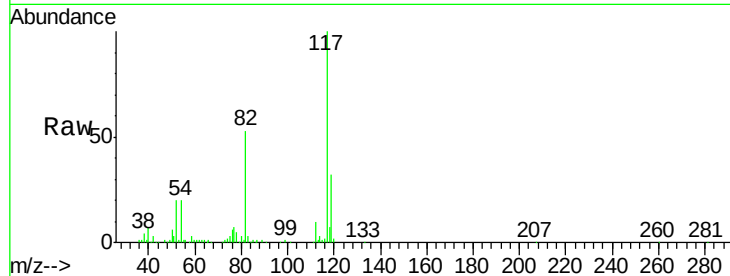




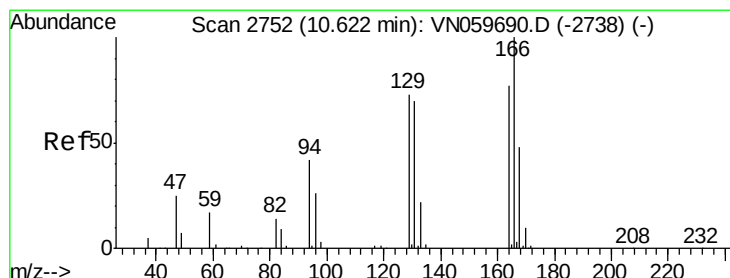
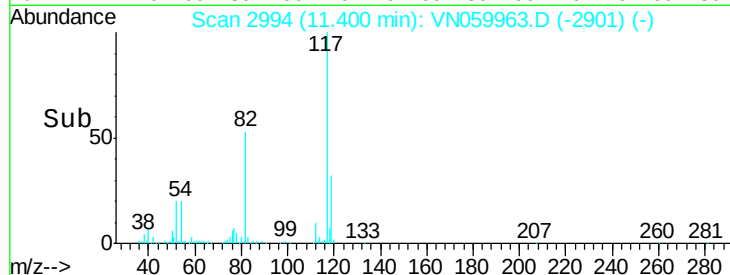
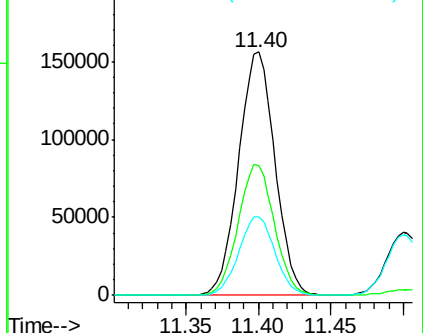
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 271922
Ion Ratio Lower Upper
117 100
82 53.4 45.9 68.9
119 32.4 25.5 38.3

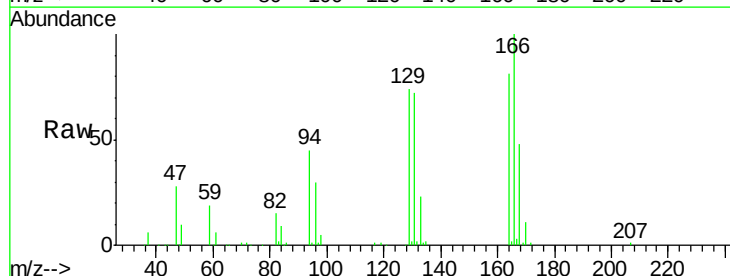


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

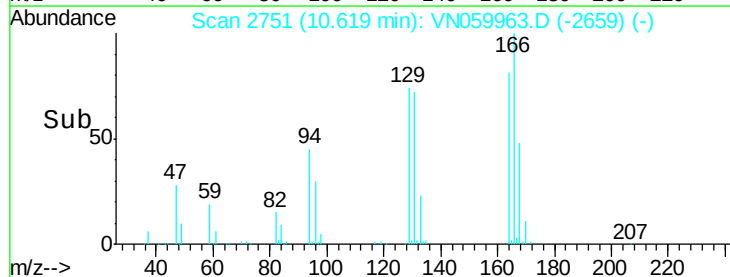
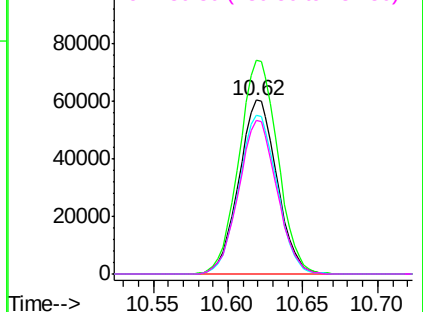


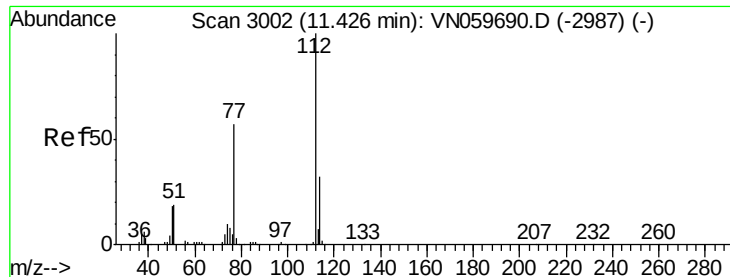
#64
Tetrachloroethene
Concen: 48.11 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion:164 Resp: 106623
Ion Ratio Lower Upper
164 100
166 122.9 101.4 152.0
129 91.6 80.2 120.4
131 88.7 75.0 112.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

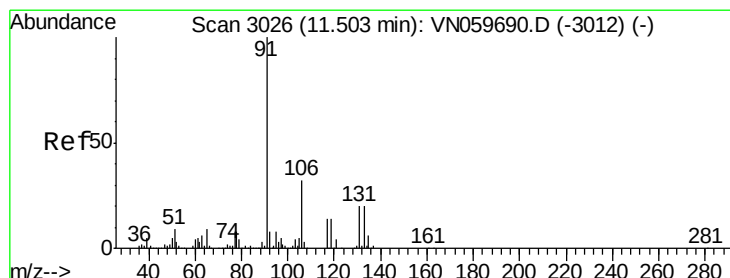
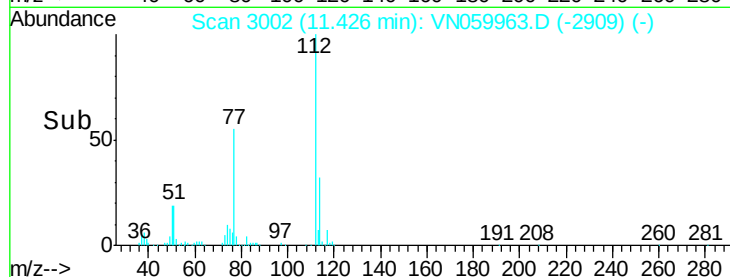
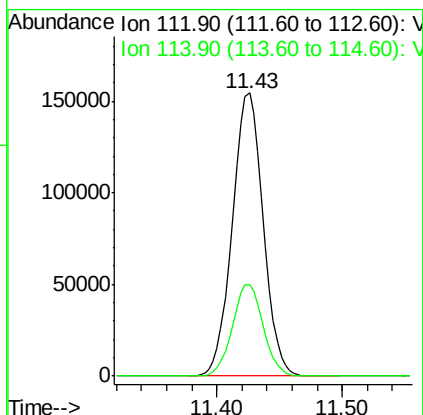
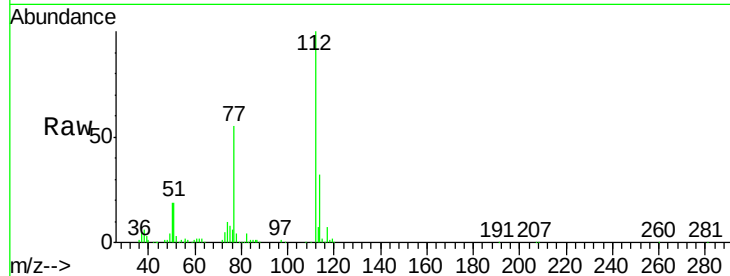




#65
Chlorobenzene
Concen: 49.24 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

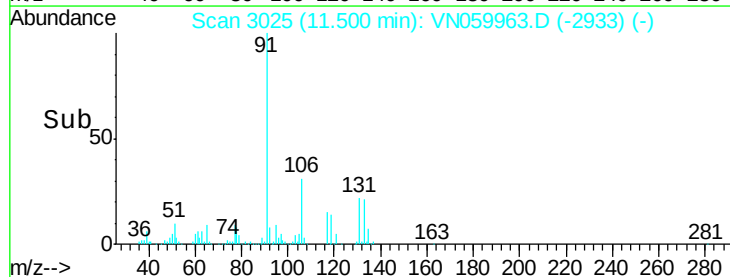
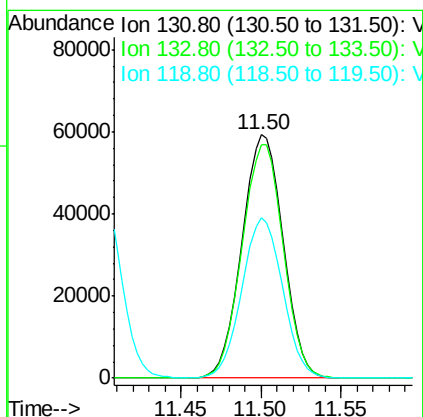
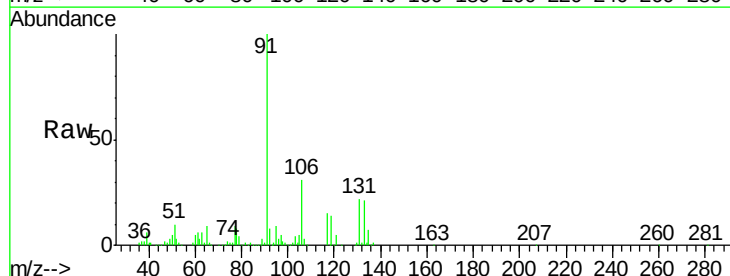
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

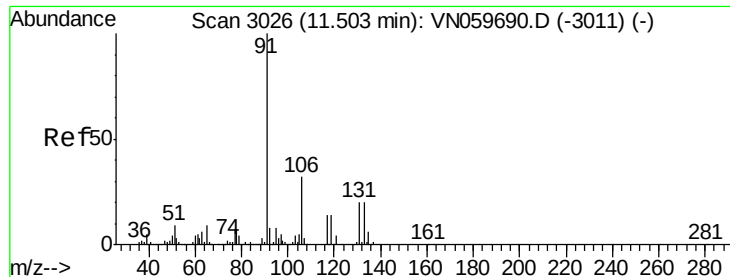
Tgt Ion:112 Resp: 263180
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 50.46 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion:131 Resp: 104211
Ion Ratio Lower Upper
131 100
133 96.4 47.4 142.2
119 65.0 33.1 99.3





#67

Ethyl Benzene

Concen: 48.79 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

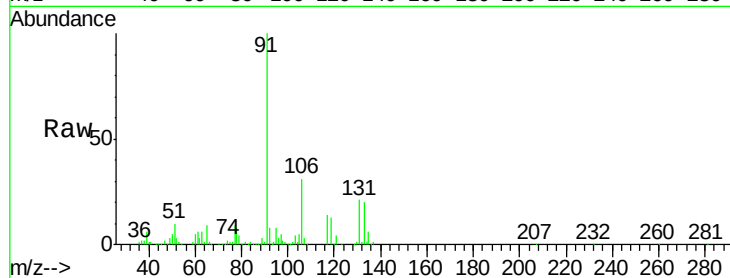
VSTDCCC050

Tgt Ion: 91 Resp: 473341

Ion Ratio Lower Upper

91 100

106 31.3 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059963.D (-2933) (-)

Ion 106.00 (105.70 to 106.70): VN059963.D (-2933) (-)

400000

300000

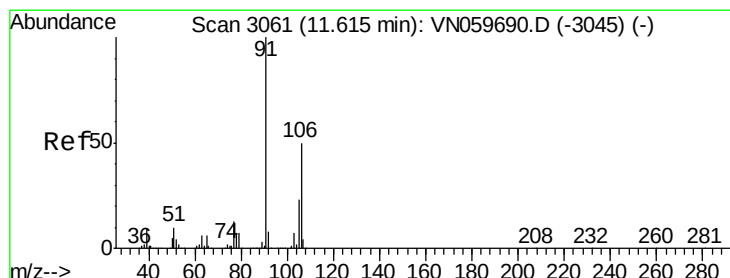
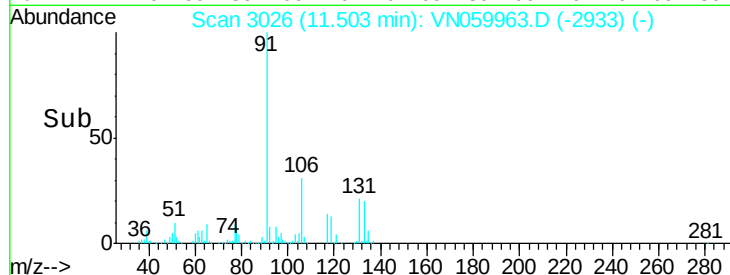
200000

100000

0

11.45 11.50 11.55

Time-->



#68

m/p-Xylenes

Concen: 96.87 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN059963.D

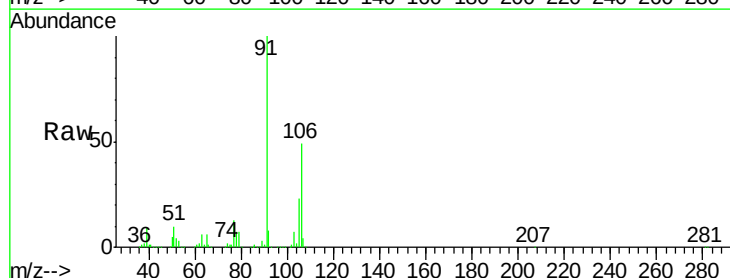
Acq: 3 Feb 2020 9:57

Tgt Ion: 106 Resp: 355035

Ion Ratio Lower Upper

106 100

91 203.4 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059963.D (-2968) (-)

Ion 91.00 (90.70 to 91.70): VN059963.D (-2968) (-)

400000

300000

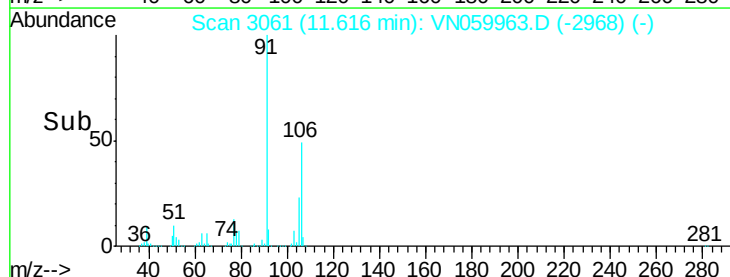
200000

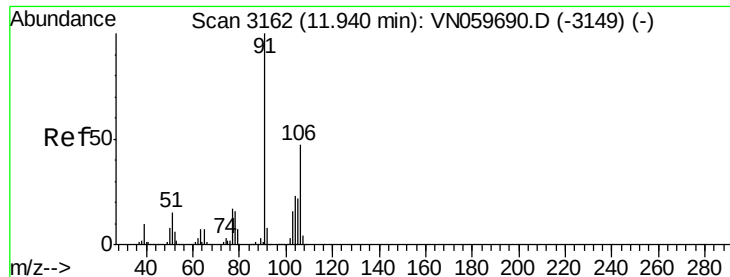
100000

0

11.50 11.60 11.70

Time-->

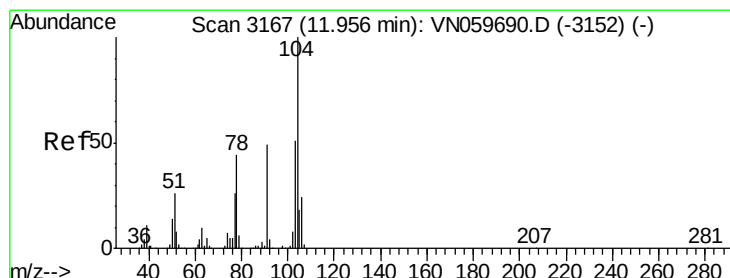
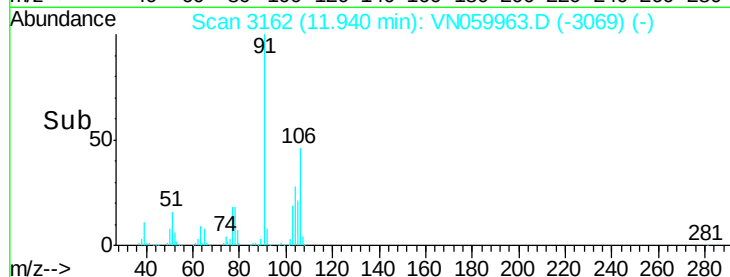
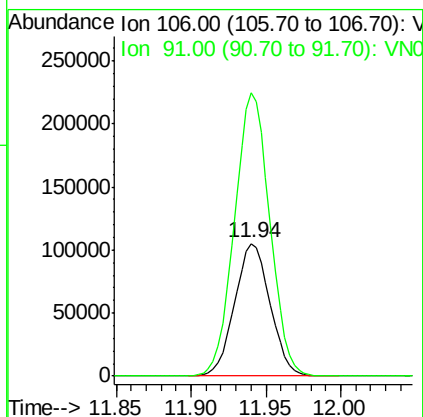
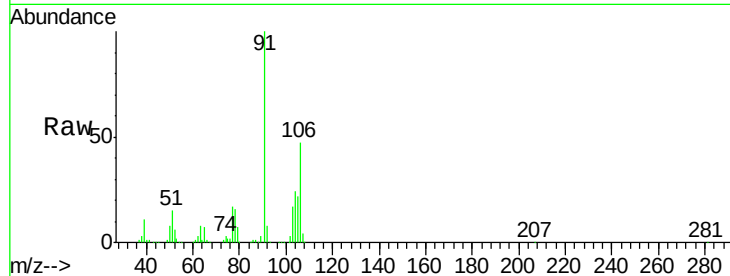




#69
o-Xylene
Concen: 48.37 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

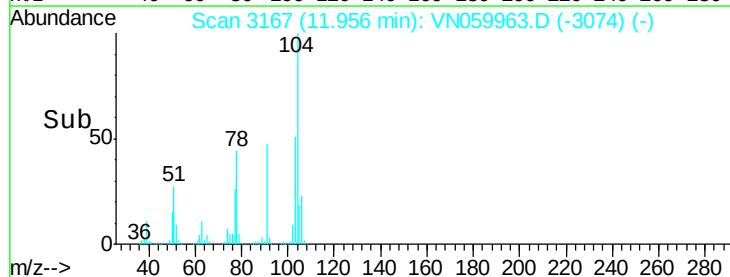
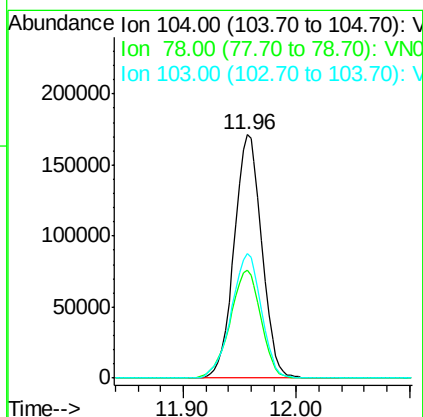
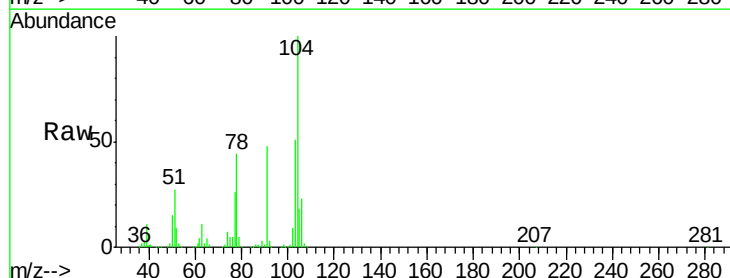
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

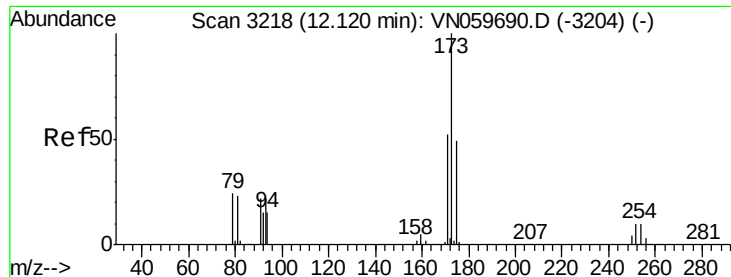
Tgt Ion:106 Resp: 173551
Ion Ratio Lower Upper
106 100
91 212.4 110.3 330.9



#70
Styrene
Concen: 48.53 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion:104 Resp: 291404
Ion Ratio Lower Upper
104 100
78 49.3 42.4 63.6
103 55.5 43.9 65.9





#71

Bromoform

Concen: 51.99 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

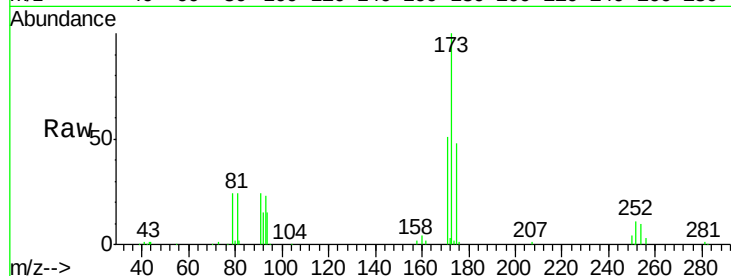
Tgt Ion:173 Resp: 86011

Ion Ratio Lower Upper

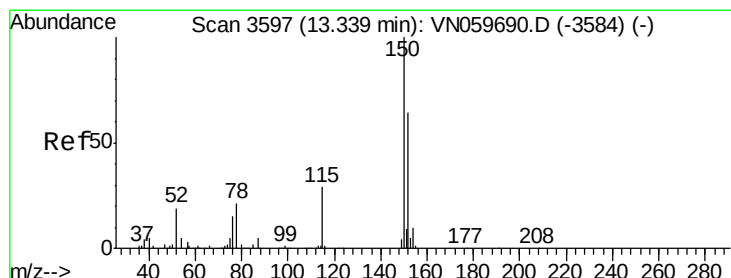
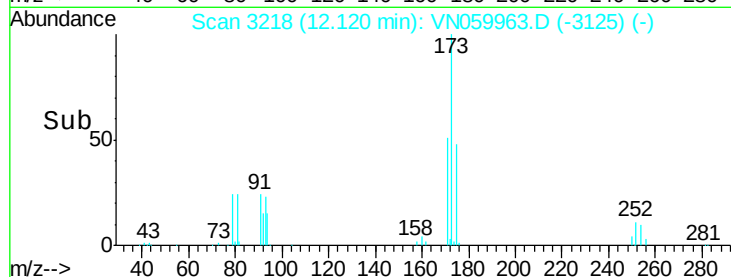
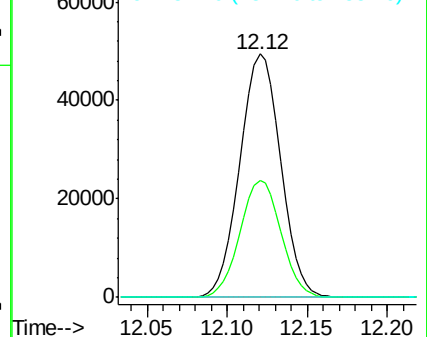
173 100

175 48.3 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: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

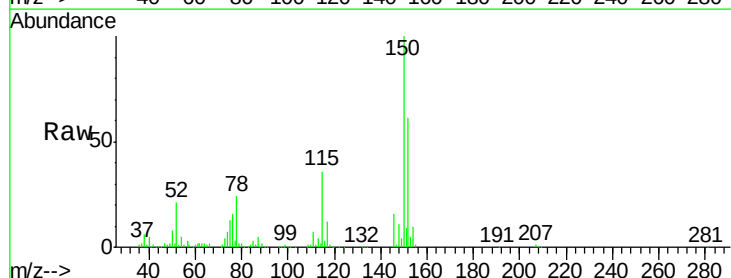
Tgt Ion:152 Resp: 135995

Ion Ratio Lower Upper

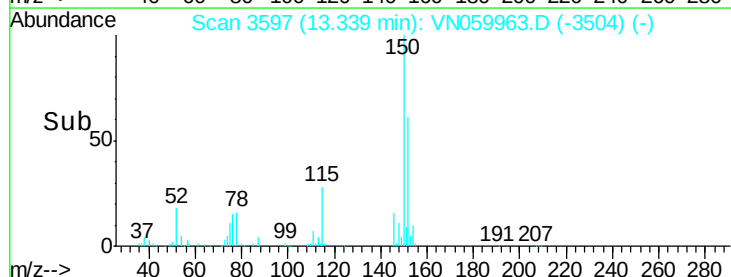
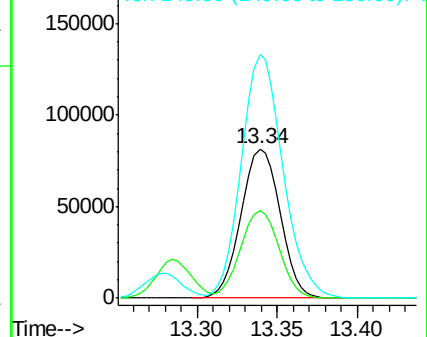
152 100

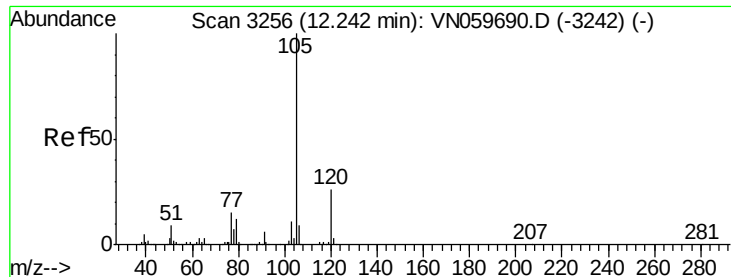
115 58.1 30.3 90.9

150 174.3 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: 47.58 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

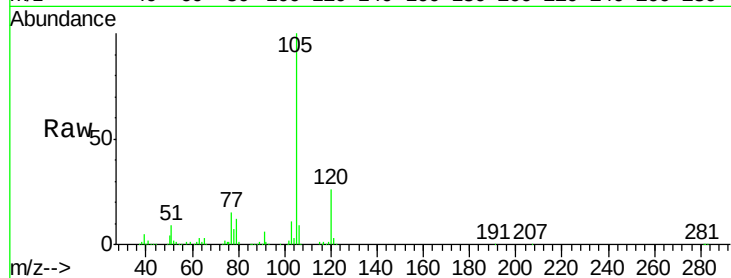
VSTDCCC050

Tgt Ion: 105 Resp: 474567

Ion Ratio Lower Upper

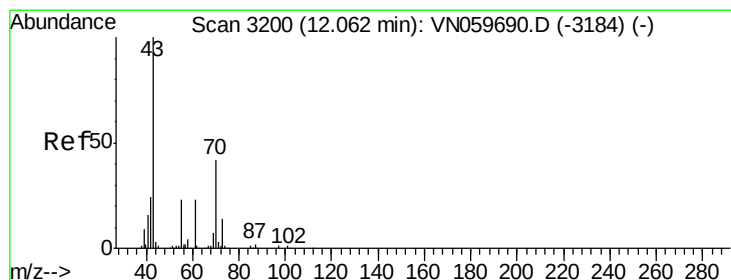
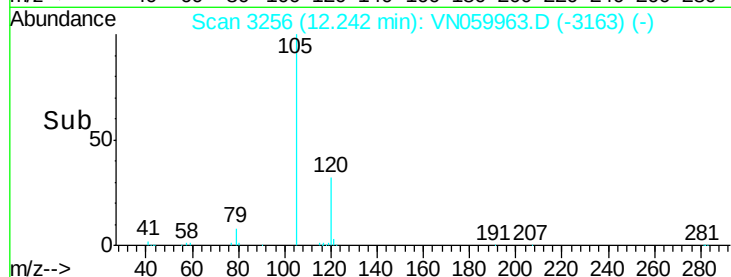
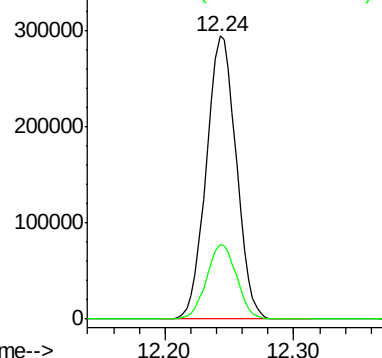
105 100

120 26.5 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.76 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Tgt Ion: 43 Resp: 173214

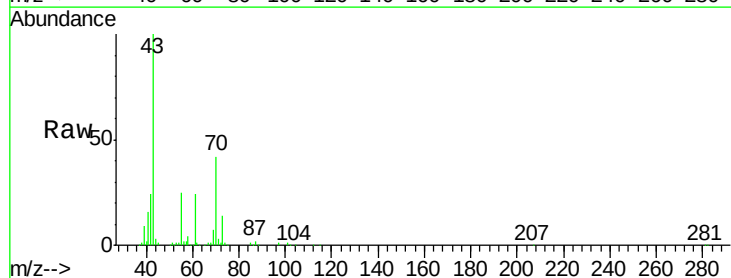
Ion Ratio Lower Upper

43 100

70 42.8 31.3 46.9

55 24.3 19.8 29.6

61 24.3 18.3 27.5

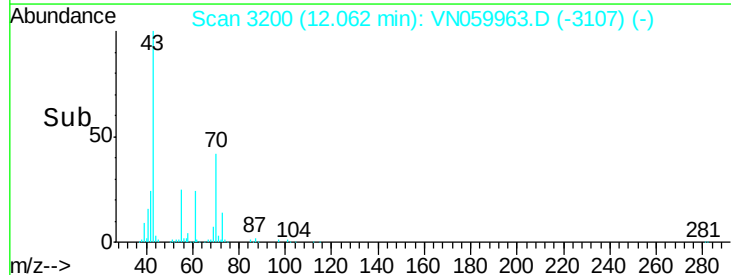
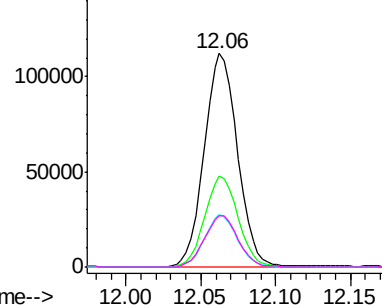


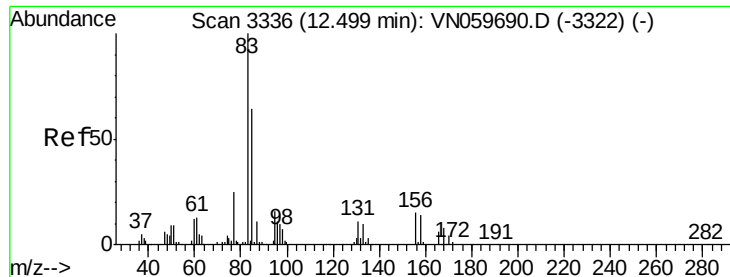
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.07 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

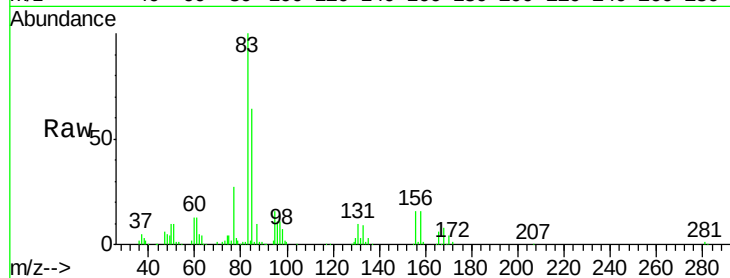
Tgt Ion: 83 Resp: 136110

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

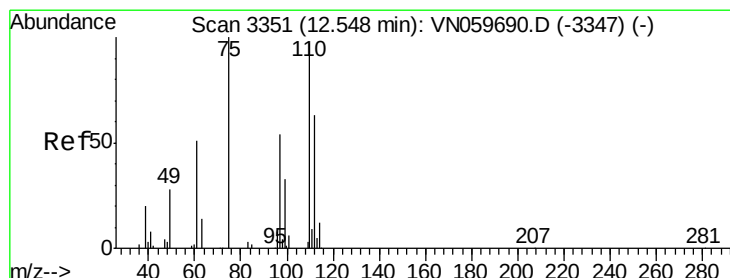
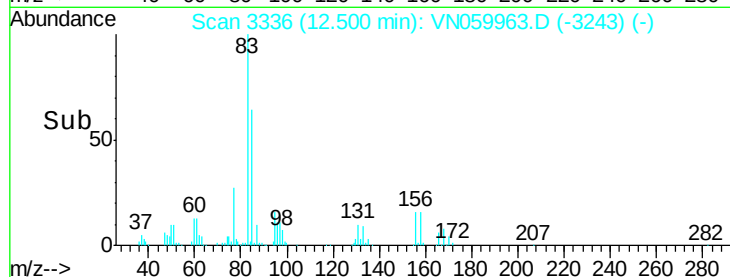
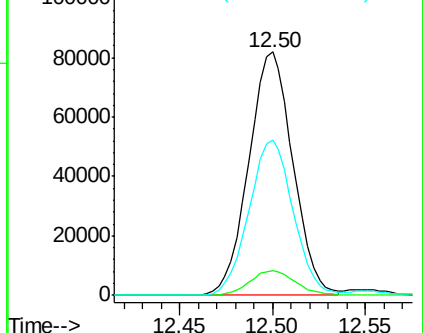
85 64.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN059963.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN059963.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN059963.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 81.26 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN059963.D

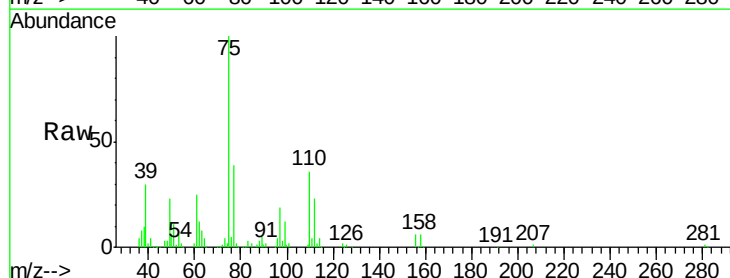
Acq: 3 Feb 2020 9:57

Tgt Ion: 75 Resp: 185984

Ion Ratio Lower Upper

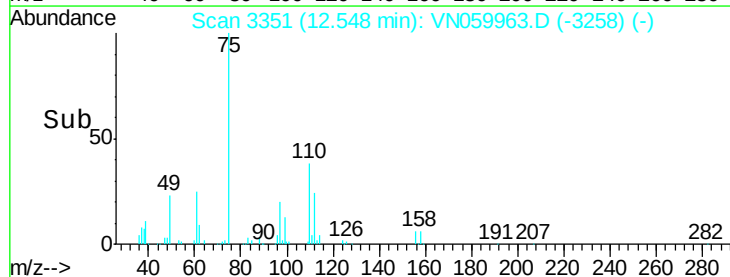
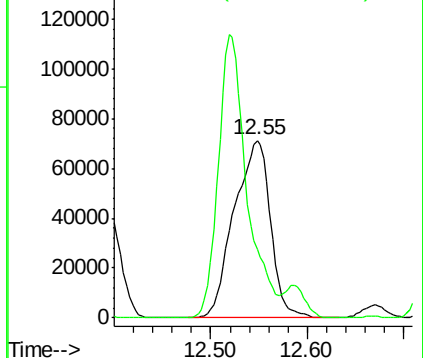
75 100

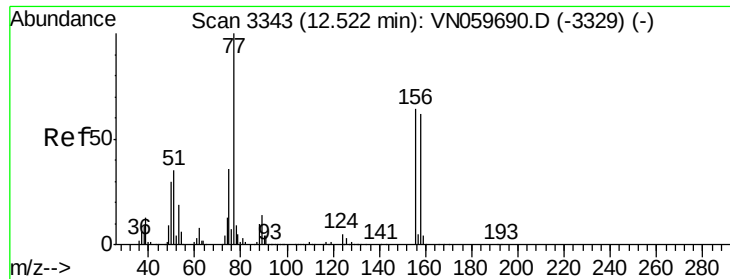
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059963.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN059963.D (-3351) (-)





#77

Bromobenzene

Concen: 47.70 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

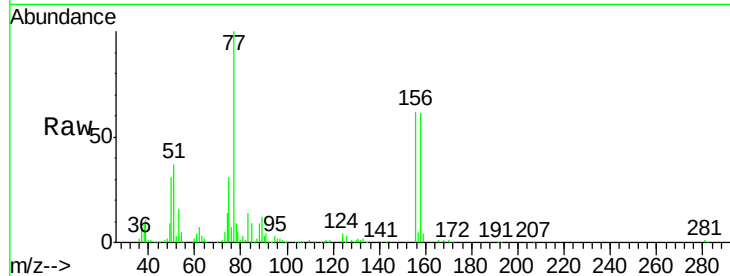
Tgt Ion:156 Resp: 120487

Ion Ratio Lower Upper

156 100

77 193.4 115.8 347.4

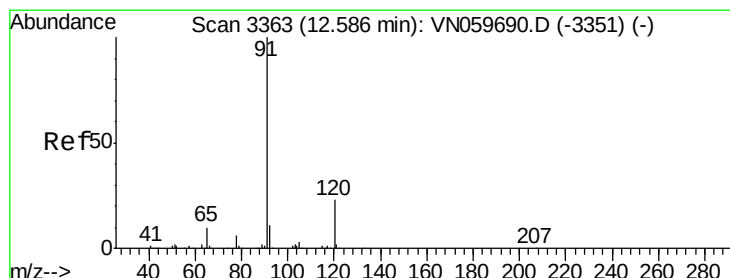
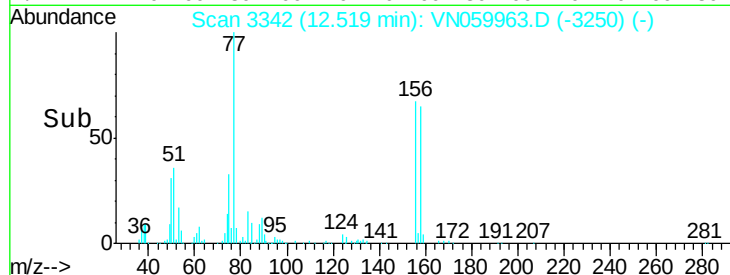
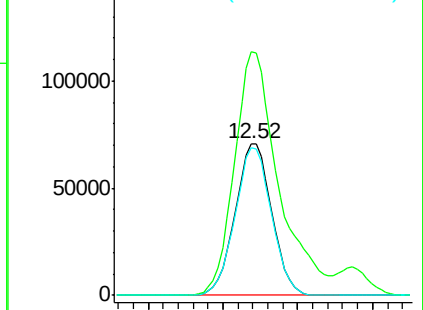
158 97.1 49.2 147.6



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: 48.88 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN059963.D

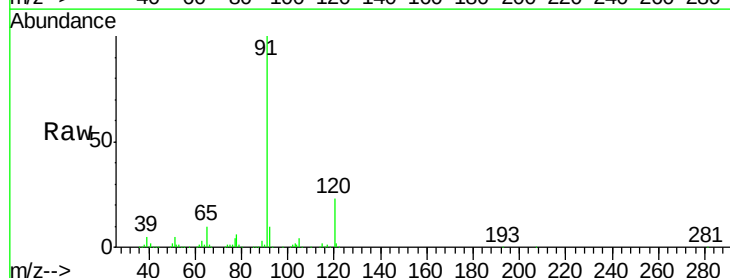
Acq: 3 Feb 2020 9:57

Tgt Ion: 91 Resp: 547248

Ion Ratio Lower Upper

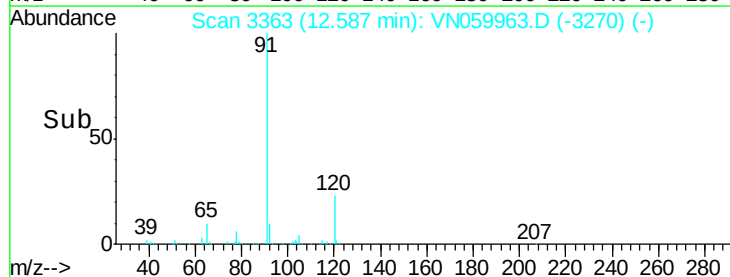
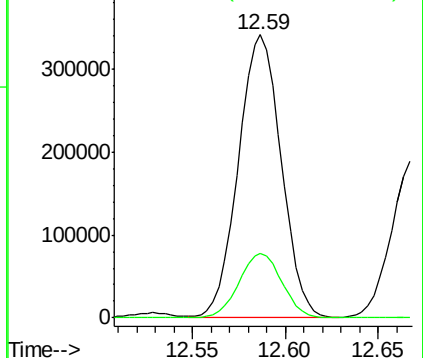
91 100

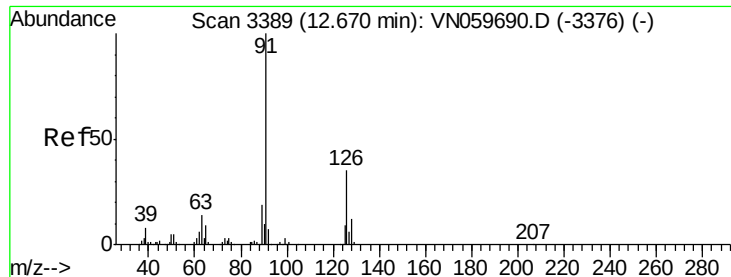
120 22.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.84 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

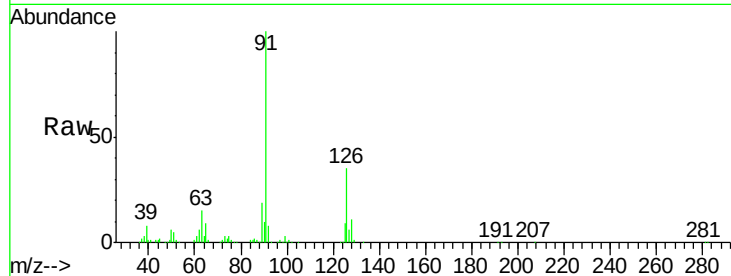
VSTDCCC050

Tgt Ion: 91 Resp: 318599

Ion Ratio Lower Upper

91 100

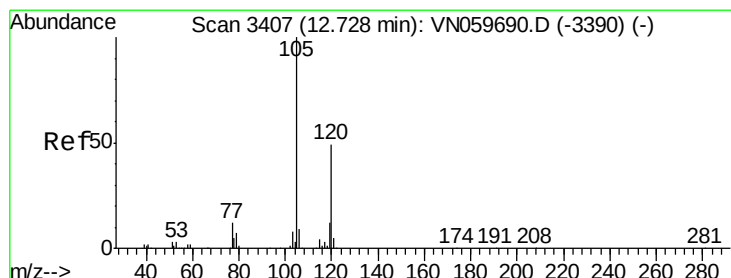
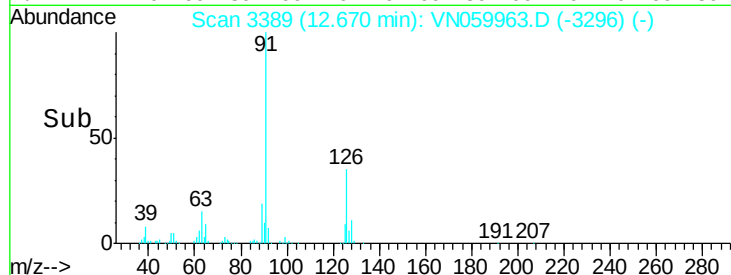
126 35.0 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059963.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN059963.D (-3376) (-)

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 47.27 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN059963.D

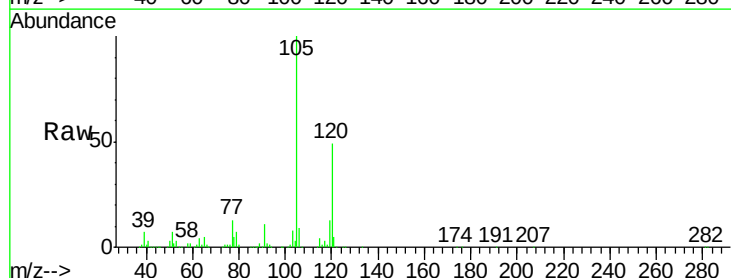
Acq: 3 Feb 2020 9:57

Tgt Ion: 105 Resp: 396529

Ion Ratio Lower Upper

105 100

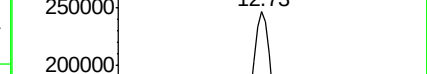
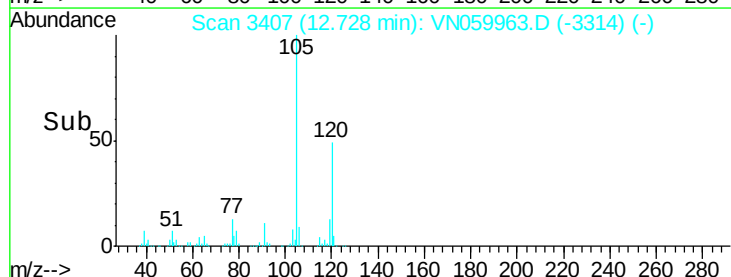
120 49.0 24.1 72.4

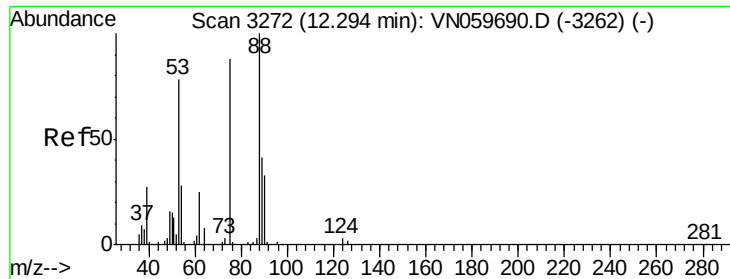


Abundance Ion 105.00 (104.70 to 105.70): VN059963.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059963.D (-3390) (-)

Time-->

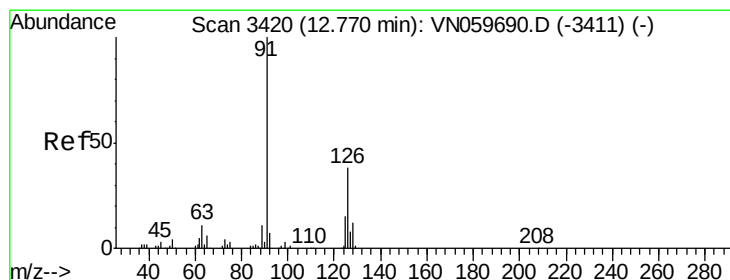
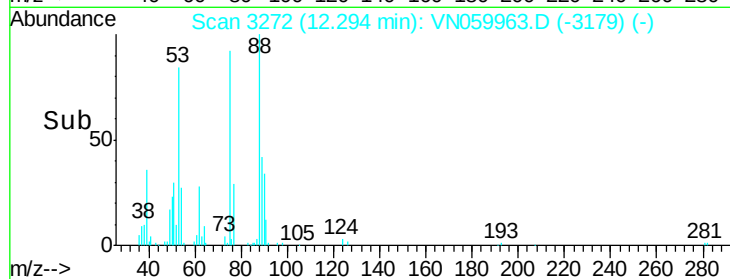
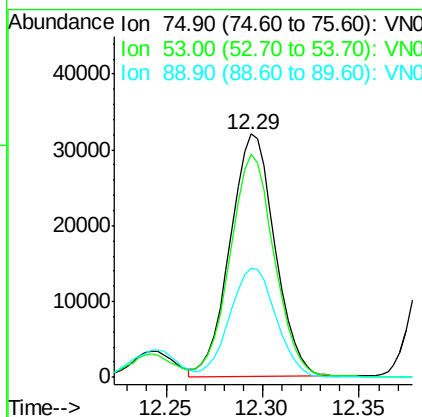
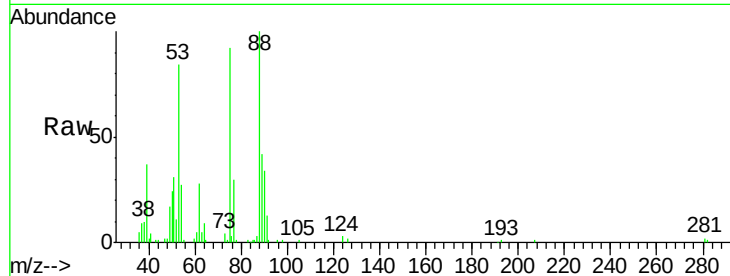




#81
trans-1,4-Dichloro-2-butene
Concen: 48.07 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

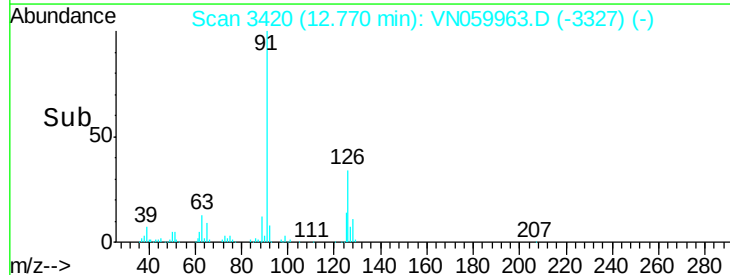
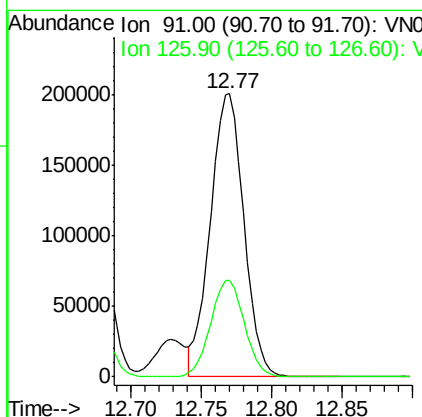
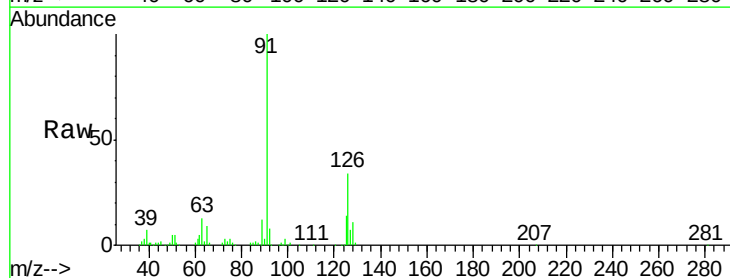
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

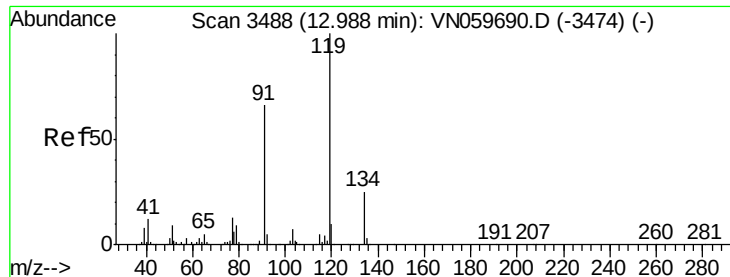
Tgt Ion: 75 Resp: 51227
Ion Ratio Lower Upper
75 100
53 92.0 78.1 117.1
89 46.9 35.4 53.2



#82
4-Chlorotoluene
Concen: 49.39 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion: 91 Resp: 329897
Ion Ratio Lower Upper
91 100
126 34.4 16.3 48.8

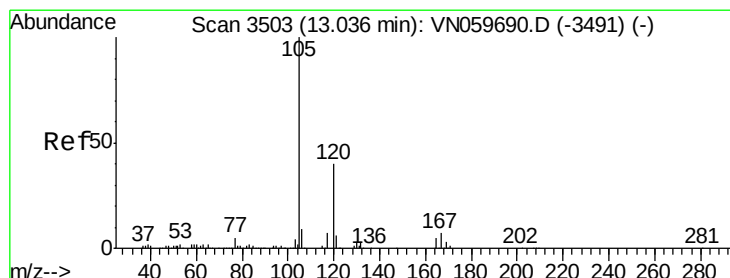
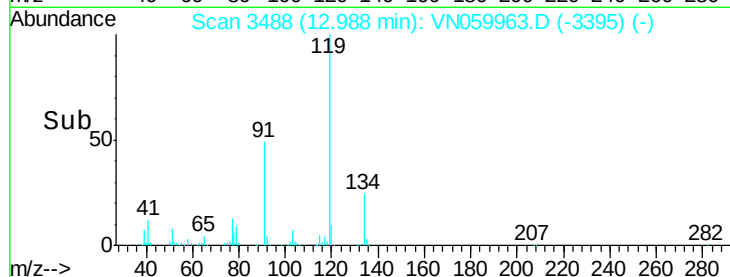
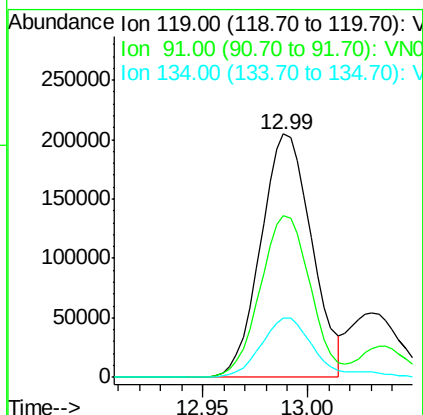
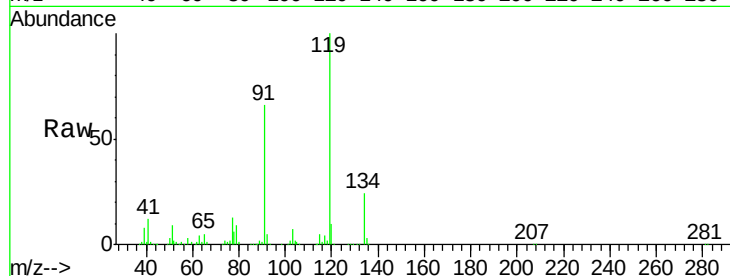




#83
 tert-Butylbenzene
 Concen: 47.47 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

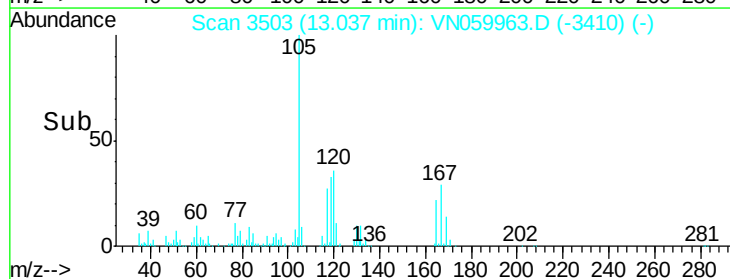
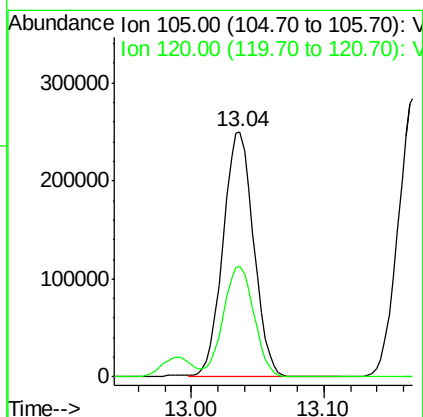
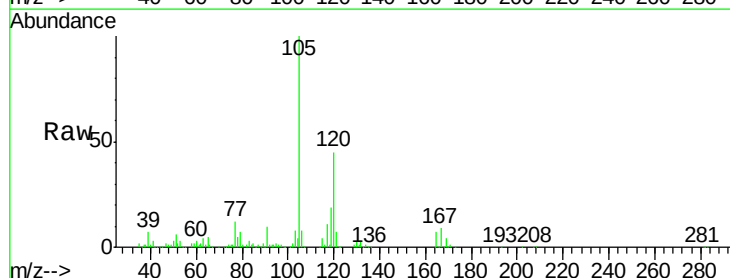
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

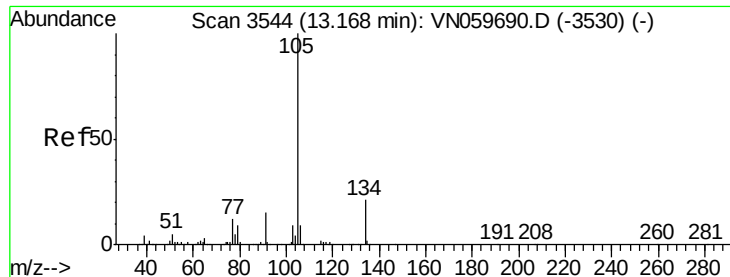
Tgt Ion:119 Resp: 344388
 Ion Ratio Lower Upper
 119 100
 91 65.5 34.8 104.4
 134 25.7 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 48.19 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Tgt Ion:105 Resp: 399864
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.9





#85

sec-Butylbenzene

Concen: 48.66 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

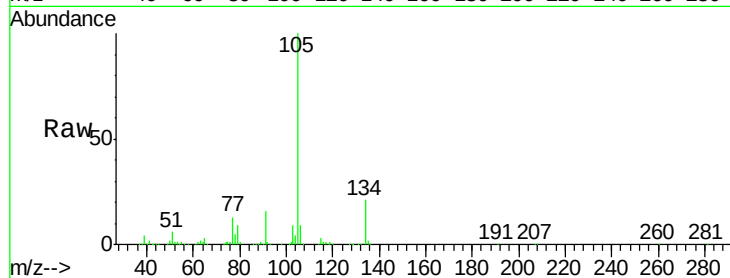
VSTDCCC050

Tgt Ion:105 Resp: 463756

Ion Ratio Lower Upper

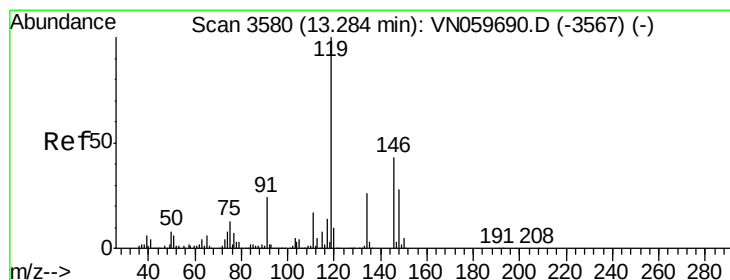
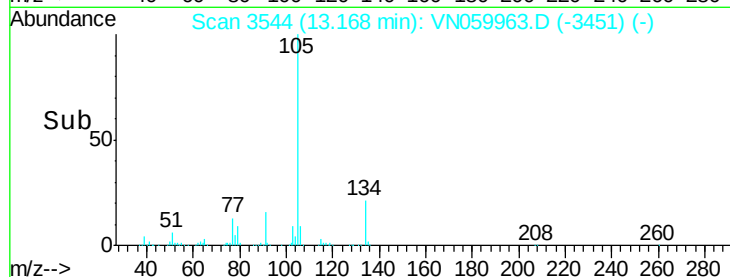
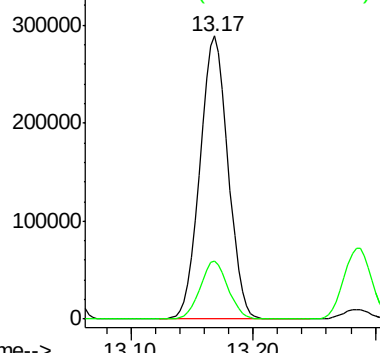
105 100

134 20.2 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.27 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

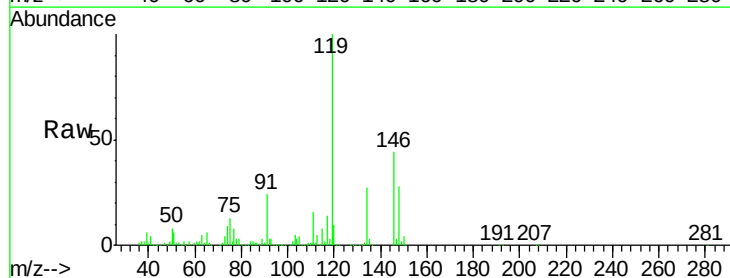
Tgt Ion:119 Resp: 425739

Ion Ratio Lower Upper

119 100

134 26.9 12.9 38.7

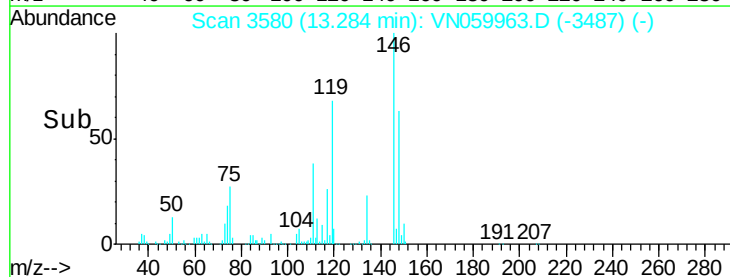
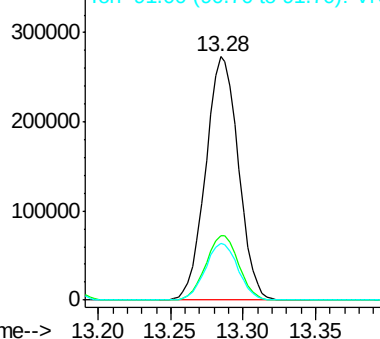
91 23.6 12.4 37.4

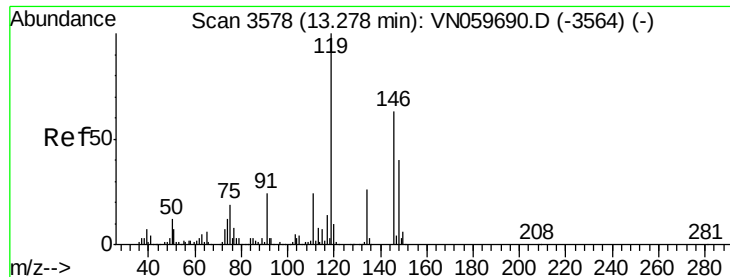


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

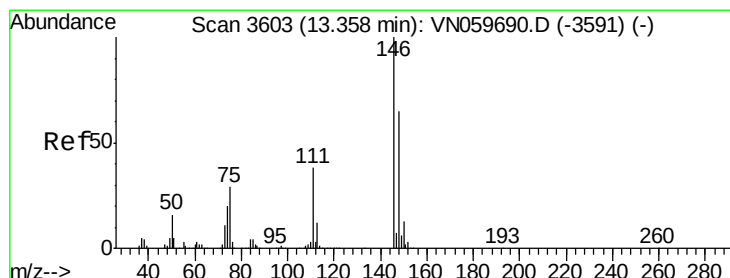
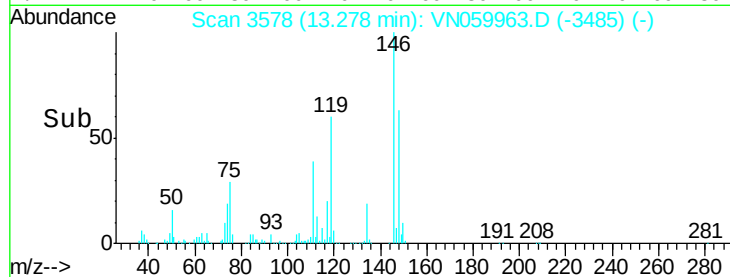
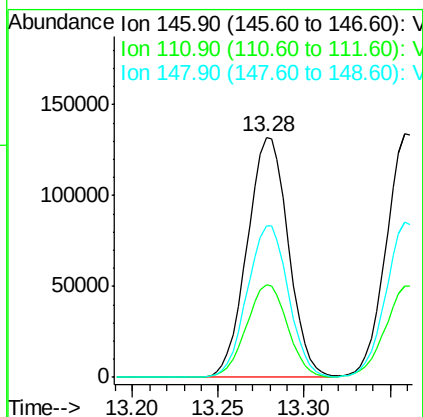
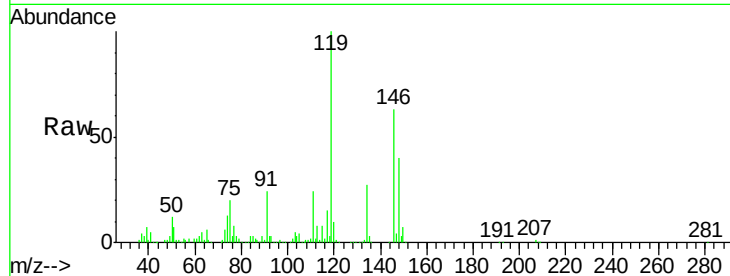




#87
 1,3-Dichlorobenzene
 Concen: 49.87 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

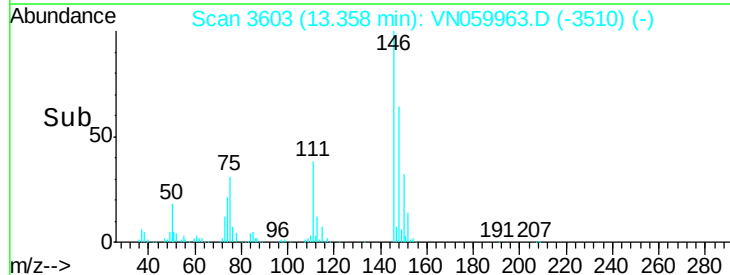
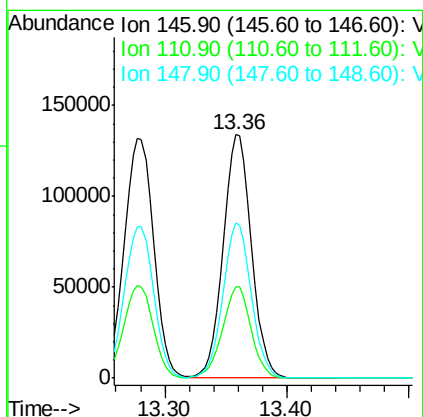
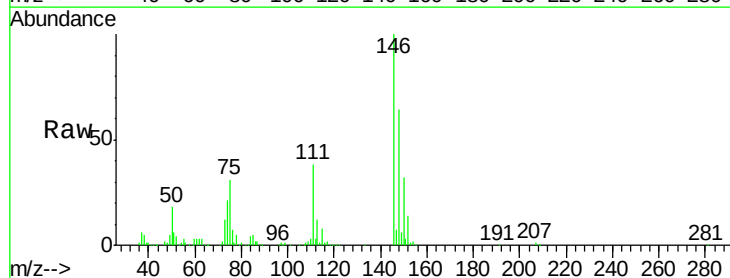
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

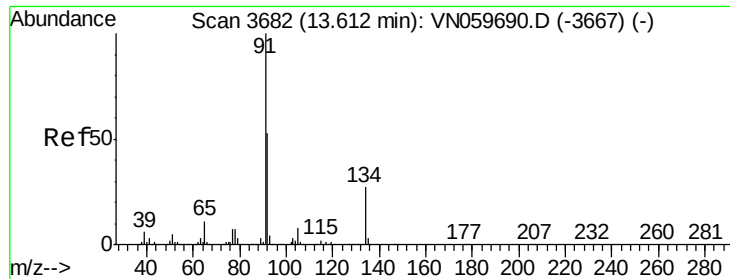
Tgt Ion:146 Resp: 218786
 Ion Ratio Lower Upper
 146 100
 111 38.6 20.8 62.2
 148 63.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.92 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Tgt Ion:146 Resp: 218473
 Ion Ratio Lower Upper
 146 100
 111 37.9 20.8 62.2
 148 63.8 31.8 95.4





#89

n-Butylbenzene

Concen: 50.74 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN059963.D

Acq: 3 Feb 2020 9:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

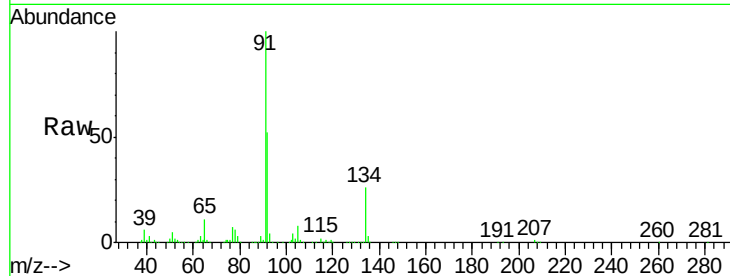
Tgt Ion: 91 Resp: 381531

Ion Ratio Lower Upper

91 100

92 52.2 25.9 77.7

134 26.5 12.3 36.8

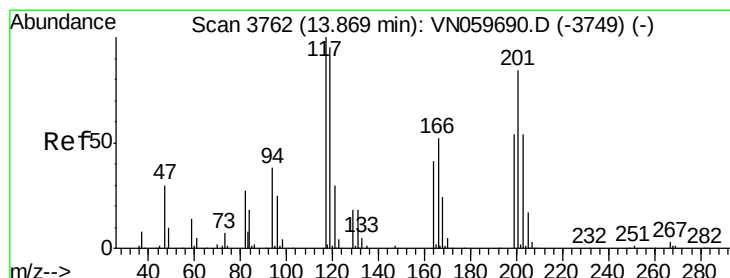
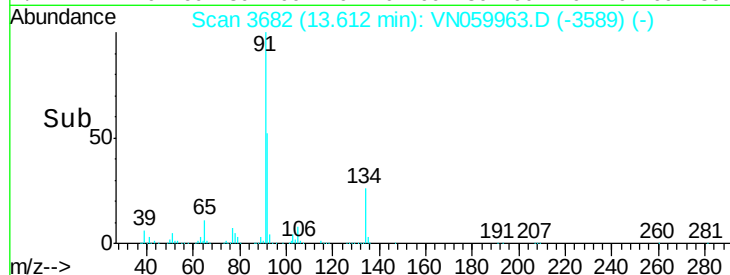


Abundance Ion 91.00 (90.70 to 91.70): VN059963.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN059963.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN059963.D (-3667) (-)

Time-->



#90

Hexachloroethane

Concen: 48.45 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. 0.00 min

Lab File: VN059963.D

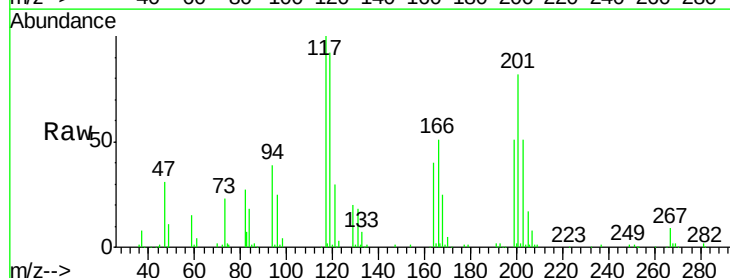
Acq: 3 Feb 2020 9:57

Tgt Ion: 117 Resp: 79951

Ion Ratio Lower Upper

117 100

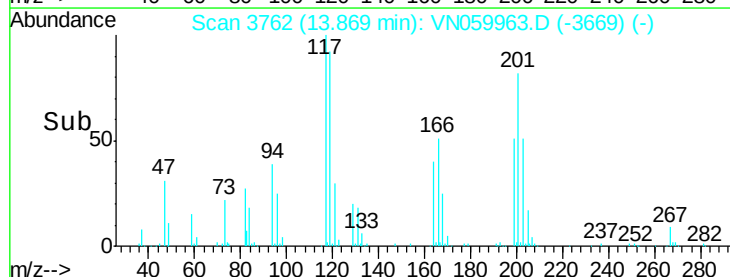
201 83.9 37.8 113.4

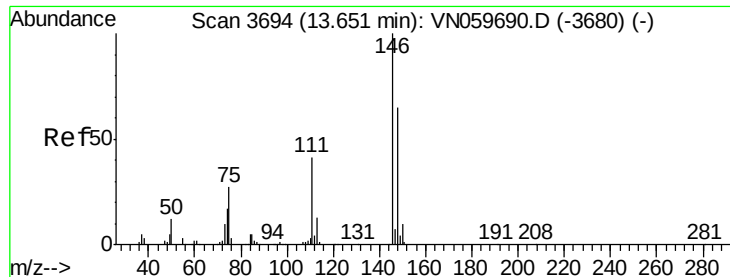


Abundance Ion 116.80 (116.50 to 117.50): VN059963.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN059963.D (-3669) (-)

Time-->

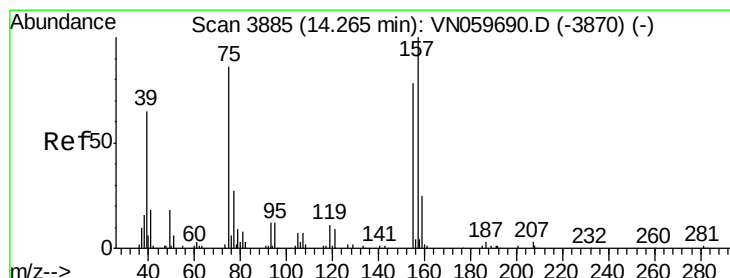
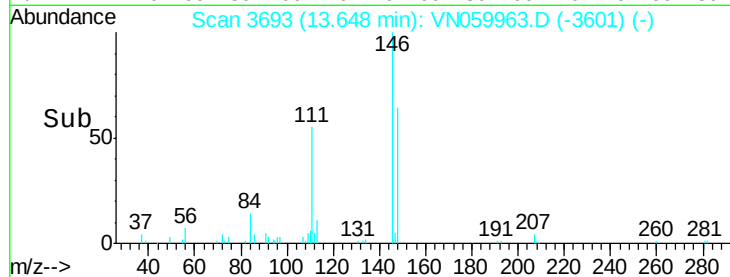
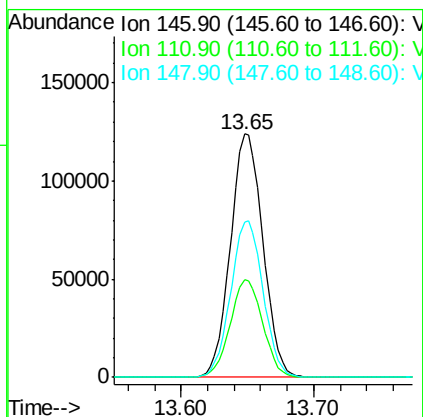
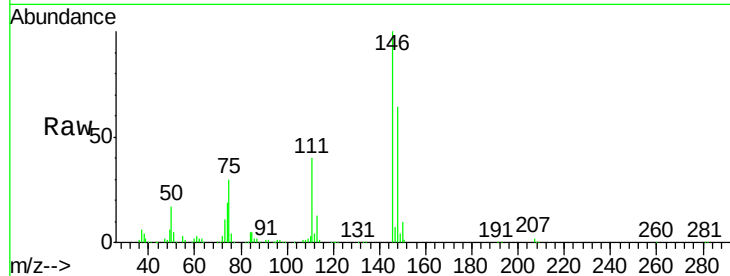




#91
 1,2-Dichlorobenzene
 Concen: 48.59 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

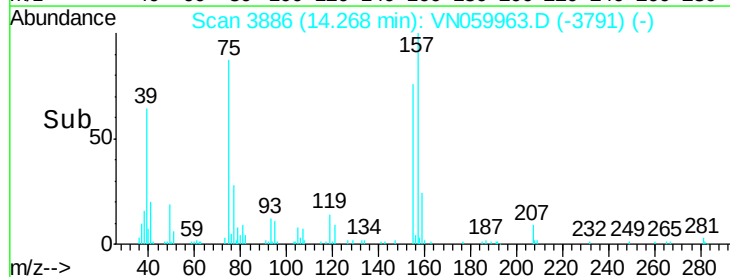
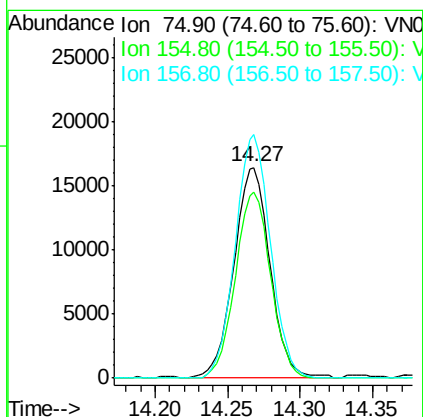
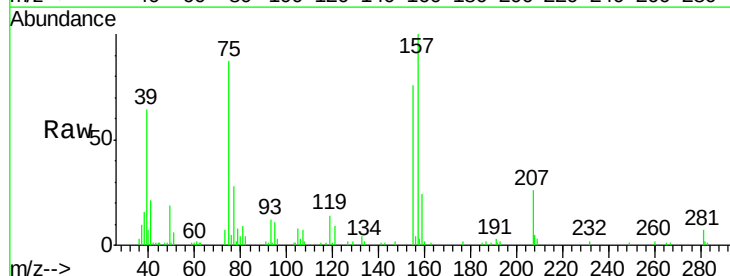
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

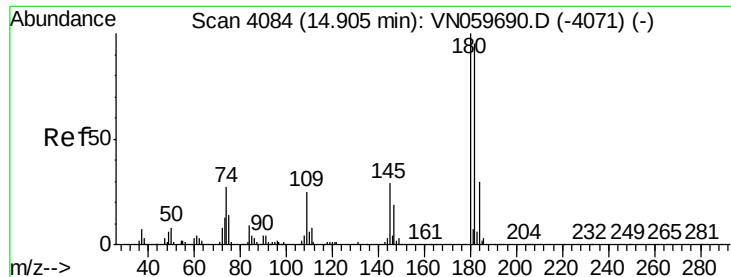
Tgt Ion: 146 Resp: 210773
 Ion Ratio Lower Upper
 146 100
 111 40.2 21.6 64.8
 148 64.1 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.54 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Tgt Ion: 75 Resp: 28380
 Ion Ratio Lower Upper
 75 100
 155 86.3 37.0 110.9
 157 112.7 48.4 145.2

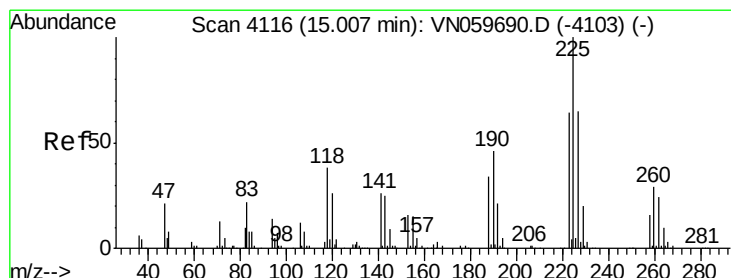
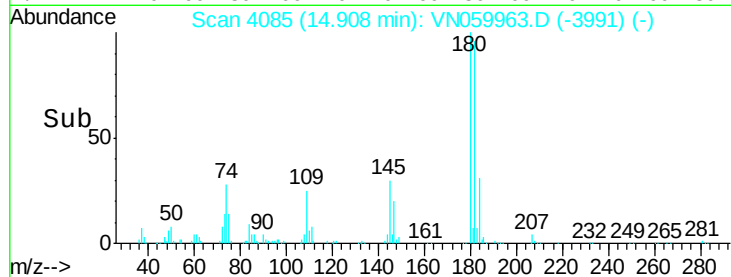
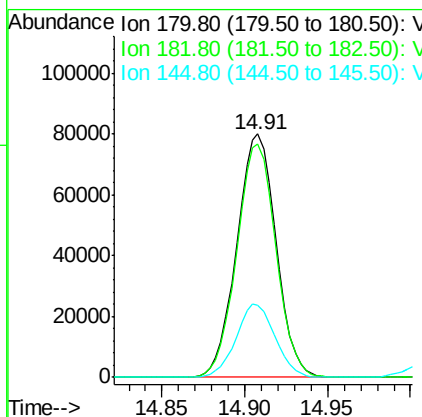
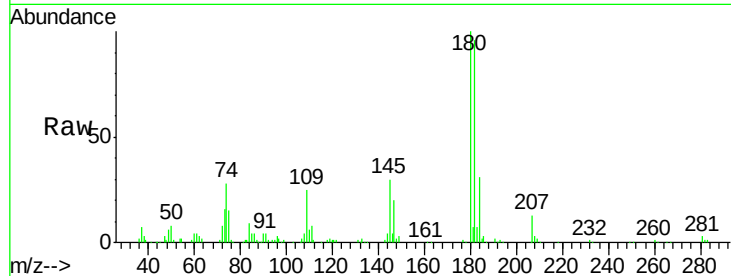




#93
 1,2,4-Trichlorobenzene
 Concen: 50.58 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

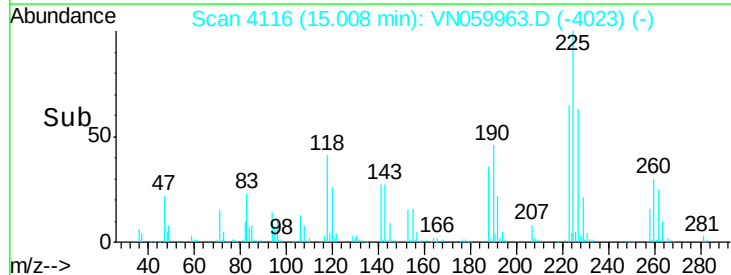
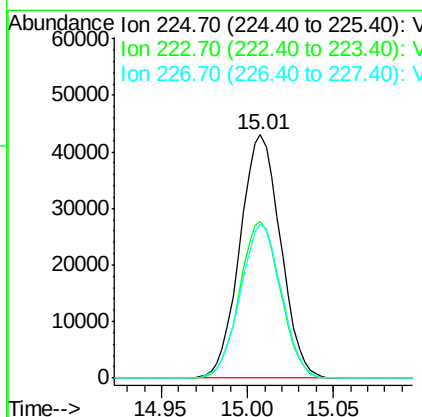
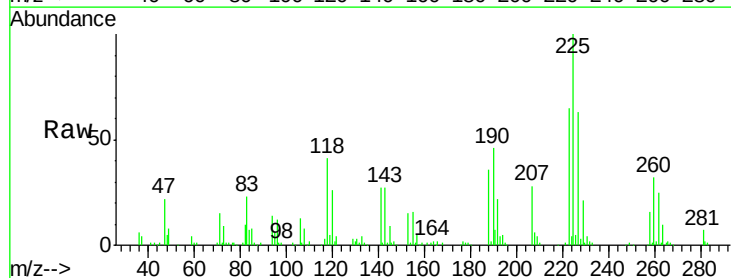
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

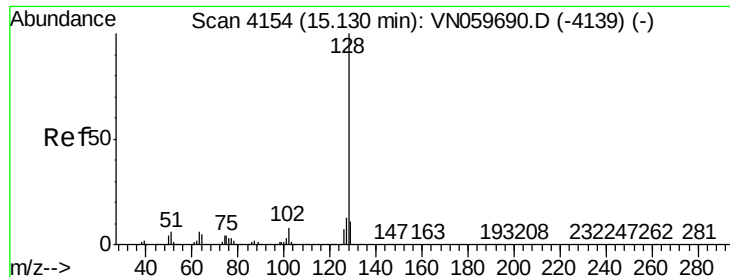
Tgt Ion:180 Resp: 131828
 Ion Ratio Lower Upper
 180 100
 182 95.7 46.9 140.7
 145 30.0 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 49.16 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059963.D
 Acq: 3 Feb 2020 9:57

Tgt Ion:225 Resp: 70603
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.8 95.3
 227 63.8 32.1 96.5

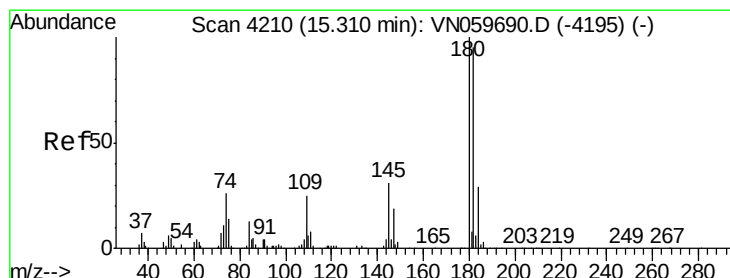
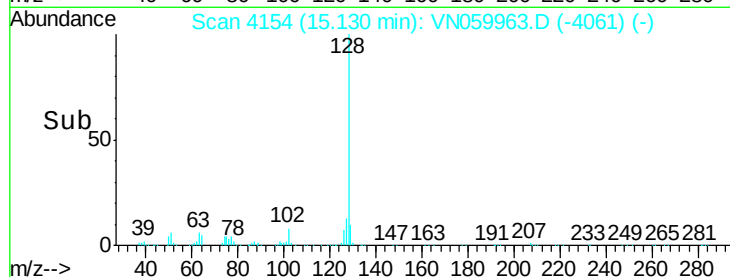
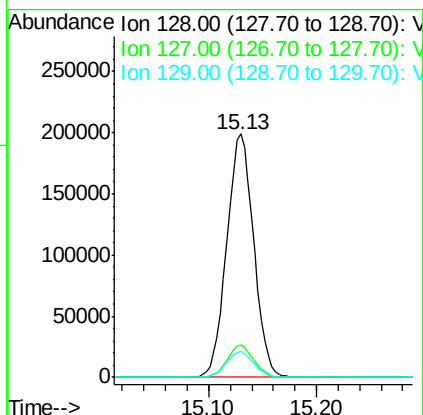
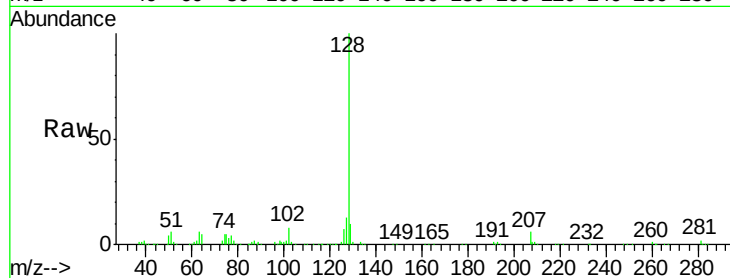




#95
Naphthalene
Concen: 46.75 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 346549
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.58 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN059963.D
Acq: 3 Feb 2020 9:57

Tgt Ion:180 Resp: 125784
Ion Ratio Lower Upper
180 100
182 93.6 47.4 142.3
145 30.9 16.3 48.9

