

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020620\
 Data File : VN060015.D
 Acq On : 6 Feb 2020 16:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Feb 06 18:14:03 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	188214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	291202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	273564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139660	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	106714	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.56	113	88837	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
50) Toluene-d8	10.08	98	333539	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	129576	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.83	85	88611	39.83	ug/l	98
3) Chloromethane	2.04	50	89508	41.54	ug/l	99
4) Vinyl Chloride	2.17	62	115247	46.74	ug/l	98
5) Bromomethane	2.53	94	75601	50.25	ug/l	100
6) Chloroethane	2.68	64	56232	48.21	ug/l	100
7) Trichlorofluoromethane	3.00	101	142749	48.21	ug/l	99
8) Diethyl Ether	3.38	74	51864	49.91	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.73	101	85801	52.07	ug/l	95
10) Methyl Iodide	3.92	142	111333	41.80	ug/l	97
11) Tert butyl alcohol	4.72	59	75779	215.36	ug/l	99
12) 1,1-Dichloroethene	3.72	96	79422	46.12	ug/l	89
13) Acrolein	3.57	56	52573	211.07	ug/l	97
14) Allyl chloride	4.29	41	113298	48.81	ug/l	# 83
15) Acrylonitrile	4.94	53	202418	252.19	ug/l	99
16) Acetone	3.78	43	173546	243.16	ug/l	96
17) Carbon Disulfide	4.03	76	184089	37.53	ug/l	100
18) Methyl Acetate	4.28	43	126080	51.64	ug/l	93
19) Methyl tert-butyl Ether	5.00	73	292845	52.16	ug/l	97
20) Methylene Chloride	4.52	84	93667	49.52	ug/l	88
21) trans-1,2-Dichloroethene	5.00	96	85988	46.98	ug/l	91
22) Diisopropyl ether	5.91	45	280228	53.28	ug/l	95
23) Vinyl Acetate	5.85	43	1055964	259.30	ug/l	# 95
24) 1,1-Dichloroethane	5.81	63	165487	51.49	ug/l	98
25) 2-Butanone	6.79	43	264774	223.69	ug/l	94
26) 2,2-Dichloropropane	6.79	77	159906	51.75	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	106877	50.77	ug/l	90
28) Bromochloromethane	7.16	49	61354	47.76	ug/l	# 80
29) Tetrahydrofuran	7.18	42	169839	231.91	ug/l	89
30) Chloroform	7.34	83	177528	53.31	ug/l	99
31) Cyclohexane	7.63	56	133535	43.18	ug/l	91
32) 1,1,1-Trichloroethane	7.54	97	160865	52.25	ug/l	96
36) 1,1-Dichloropropene	7.77	75	124081	48.93	ug/l	95
37) Ethyl Acetate	6.89	43	112870	47.46	ug/l	97
38) Carbon Tetrachloride	7.75	117	140622	50.98	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020620\
 Data File : VN060015.D
 Acq On : 6 Feb 2020 16:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Feb 06 18:14:03 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)
39) Methylcyclohexane	9.06	83	149178	47.71	ug/l	93
40) Benzene	8.02	78	374394	49.50	ug/l	99
41) Methacrylonitrile	7.14	41	48468	41.37	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	139221	54.29	ug/l	97
43) Isopropyl Acetate	8.14	43	201081	49.15	ug/l	95
44) Trichloroethene	8.81	130	104359	50.55	ug/l	93
45) 1,2-Dichloropropane	9.10	63	100799	53.86	ug/l	99
46) Dibromomethane	9.19	93	69534	52.67	ug/l	93
47) Bromodichloromethane	9.38	83	145580	54.72	ug/l	99
48) Methyl methacrylate	9.18	41	89765	49.05	ug/l	91
49) 1,4-Dioxane	9.18	88	33827	1009.79	ug/l	92
51) 4-Methyl-2-Pentanone	9.97	43	583275	246.64	ug/l	96
52) Toluene	10.14	92	249032	52.13	ug/l	98
53) t-1,3-Dichloropropene	10.37	75	163247	54.96	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	171386	54.84	ug/l	95
55) 1,1,2-Trichloroethane	10.55	97	101654	53.73	ug/l	97
56) Ethyl methacrylate	10.42	69	146295	50.60	ug/l	94
57) 1,3-Dichloropropane	10.70	76	165195	55.00	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	245580	282.02	ug/l	92
59) 2-Hexanone	10.74	43	421476	241.92	ug/l	95
60) Dibromochloromethane	10.89	129	119806	55.61	ug/l	100
61) 1,2-Dibromoethane	10.99	107	104521	52.71	ug/l	99
64) Tetrachloroethene	10.62	164	91348	40.97	ug/l	96
65) Chlorobenzene	11.43	112	277671	51.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	110072	52.98	ug/l	99
67) Ethyl Benzene	11.50	91	495171	50.73	ug/l	98
68) m/p-Xylenes	11.62	106	375809	101.92	ug/l	94
69) o-Xylene	11.94	106	183876	50.94	ug/l	96
70) Styrene	11.96	104	308098	51.01	ug/l	97
71) Bromoform	12.12	173	88554	53.21	ug/l #	98
73) Isopropylbenzene	12.25	105	503397	49.15	ug/l	99
74) N-amyl acetate	12.07	43	183796	46.24	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.50	83	149802	50.45	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	193611	82.38	ug/l #	100
77) Bromobenzene	12.52	156	126691	48.84	ug/l	84
78) n-propylbenzene	12.59	91	572441	49.79	ug/l	97
79) 2-Chlorotoluene	12.67	91	335464	49.05	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	422795	49.08	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	53129	48.54	ug/l	96
82) 4-Chlorotoluene	12.77	91	352207	51.34	ug/l	97
83) tert-Butylbenzene	12.99	119	366483	49.19	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	427093	50.12	ug/l	99
85) sec-Butylbenzene	13.17	105	495976	50.67	ug/l	99
86) p-Isopropyltoluene	13.29	119	455958	50.34	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	228354	50.68	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	227728	50.66	ug/l	97
89) n-Butylbenzene	13.61	91	404308	52.36	ug/l	99
90) Hexachloroethane	13.87	117	88000	51.93	ug/l	92
91) 1,2-Dichlorobenzene	13.65	146	222375	49.92	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	28847	45.06	ug/l	87

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN020620\
Data File : VN060015.D
Acq On : 6 Feb 2020 16:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Feb 06 18:14:03 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)
93) 1,2,4-Trichlorobenzene	14.91	180	136749	51.09	ug/l	99
94) Hexachlorobutadiene	15.01	225	73141	49.59	ug/l	99
95) Naphthalene	15.13	128	351258	46.14	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	127983	49.13	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

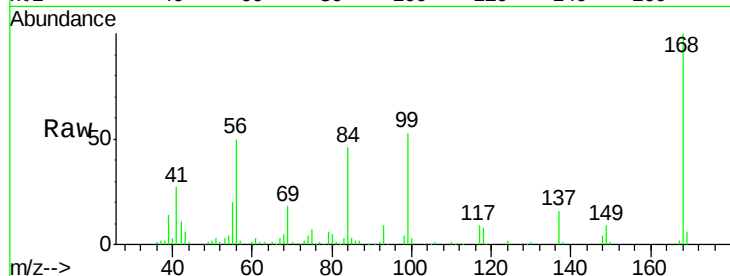
VSTDCCC050EC

Tgt Ion:168 Resp: 188214

Ion Ratio Lower Upper

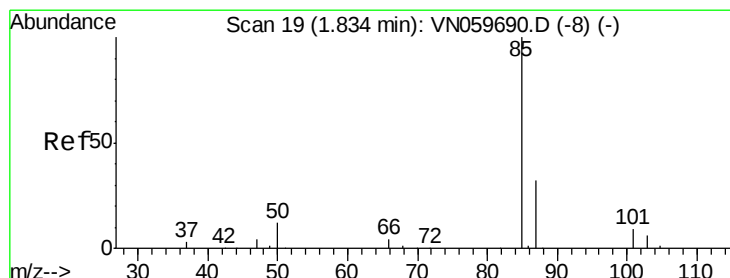
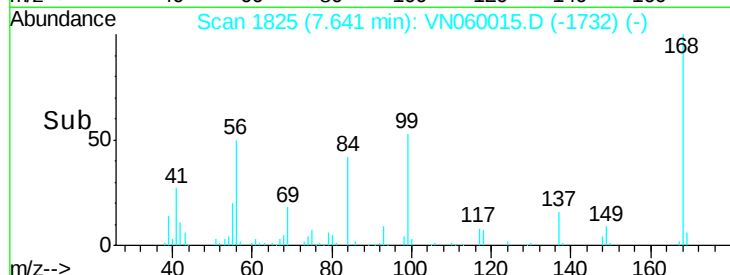
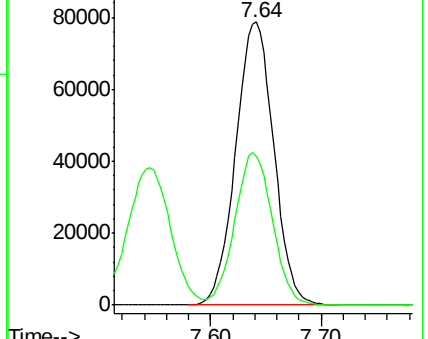
168 100

99 52.7 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: 39.83 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN060015.D

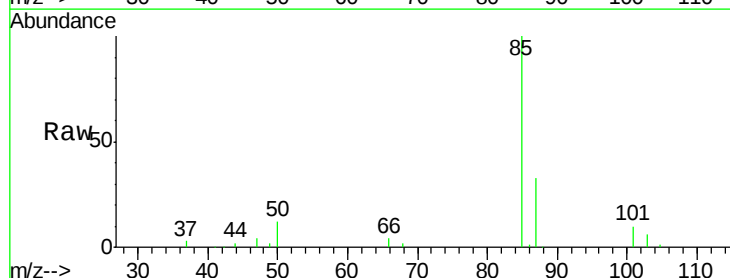
Acq: 6 Feb 2020 16:46

Tgt Ion: 85 Resp: 88611

Ion Ratio Lower Upper

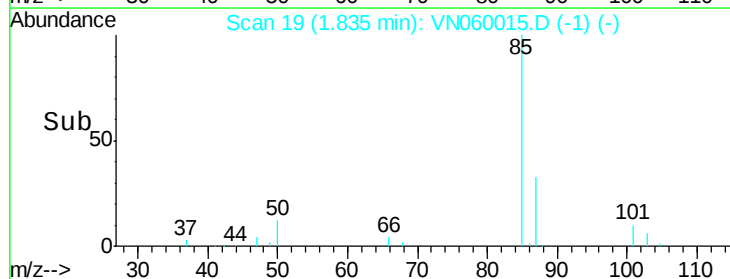
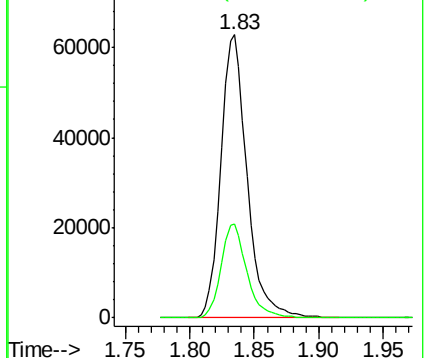
85 100

87 33.1 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: 41.54 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

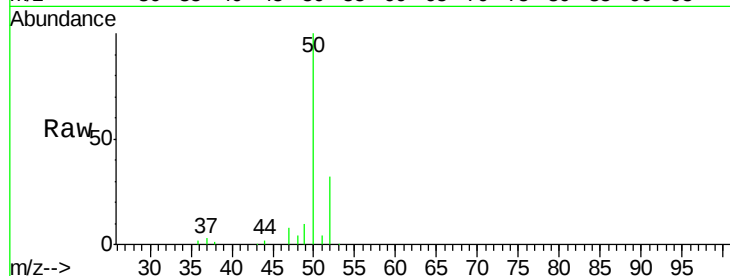
VSTDCCC050EC

Tgt Ion: 50 Resp: 89508

Ion Ratio Lower Upper

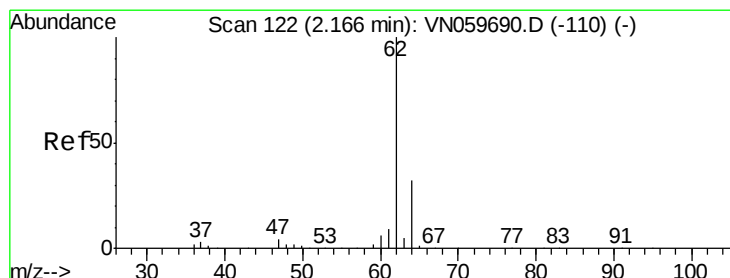
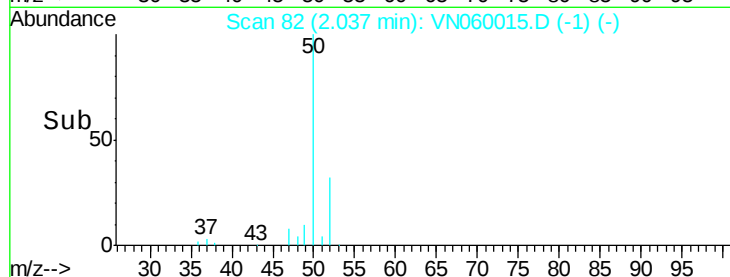
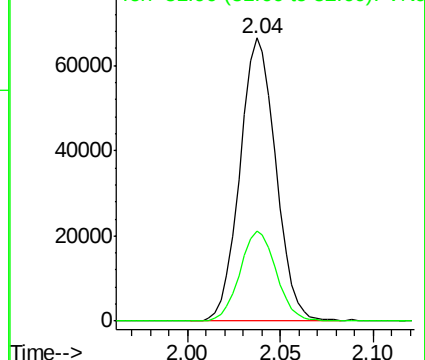
50 100

52 31.6 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: 46.74 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN060015.D

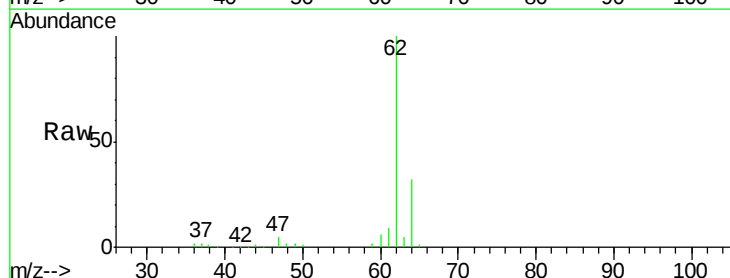
Acq: 6 Feb 2020 16:46

Tgt Ion: 62 Resp: 115247

Ion Ratio Lower Upper

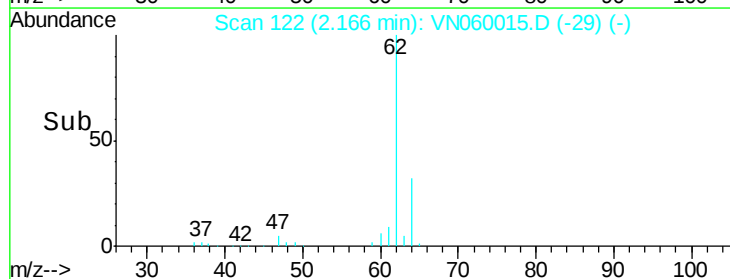
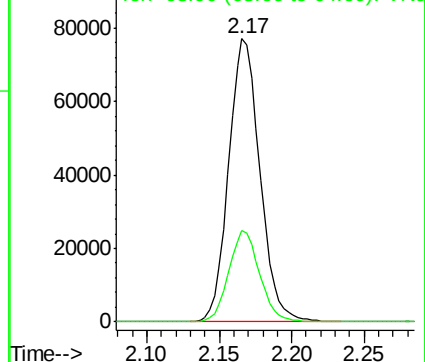
62 100

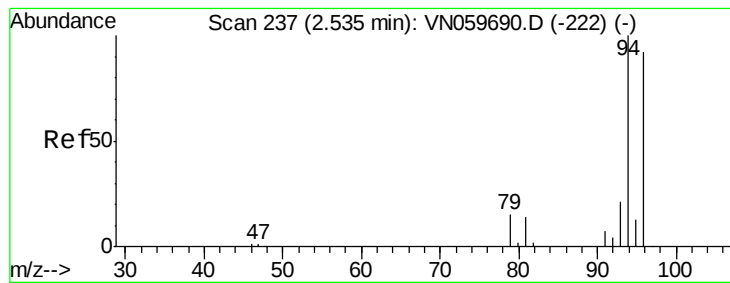
64 32.1 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 50.25 ug/l

RT: 2.53 min Scan# 236

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

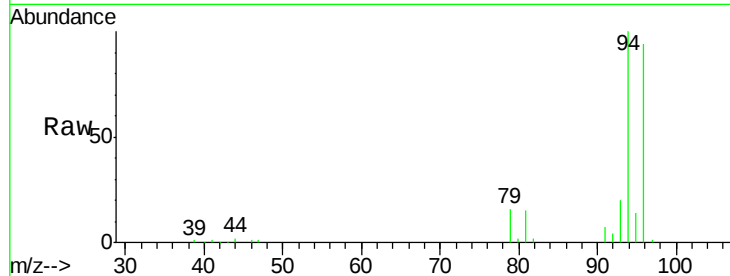
VSTDCCC050EC

Tgt Ion: 94 Resp: 75601

Ion Ratio Lower Upper

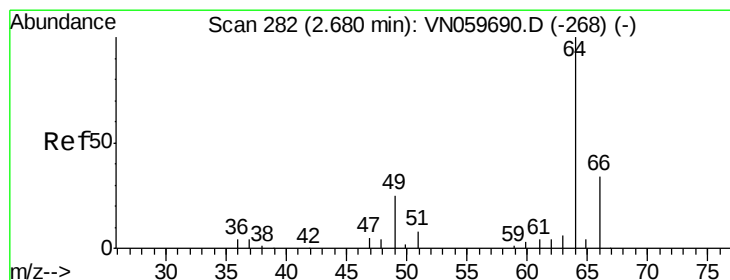
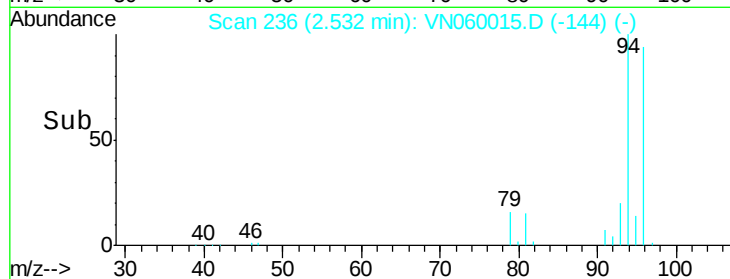
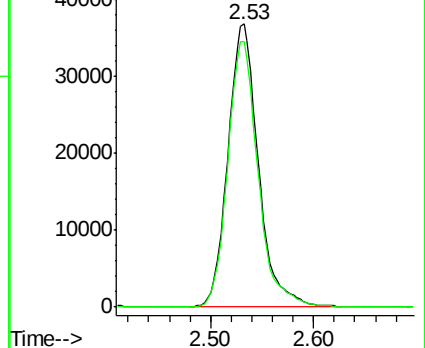
94 100

96 93.7 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 48.21 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.00 min

Lab File: VN060015.D

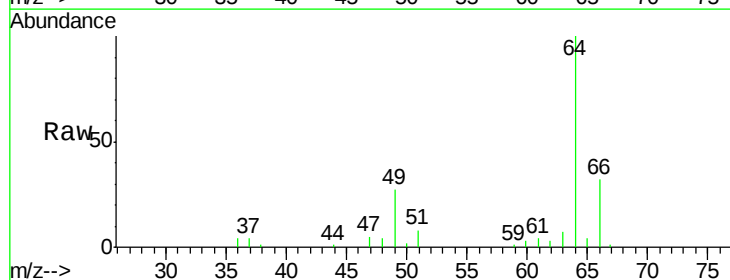
Acq: 6 Feb 2020 16:46

Tgt Ion: 64 Resp: 56232

Ion Ratio Lower Upper

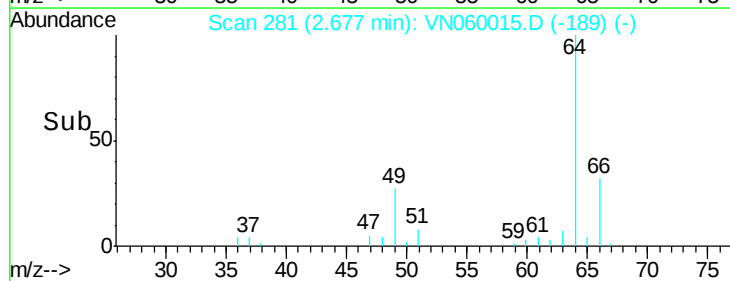
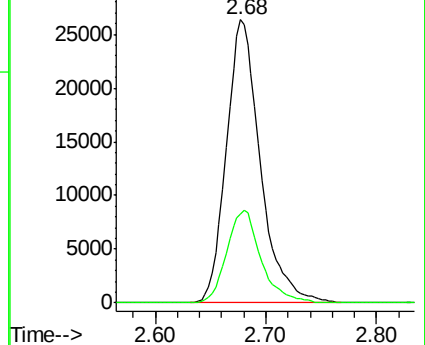
64 100

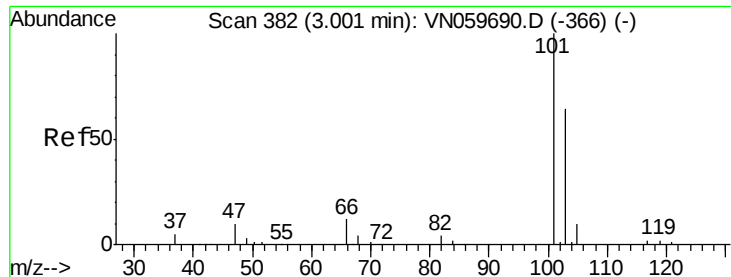
66 31.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



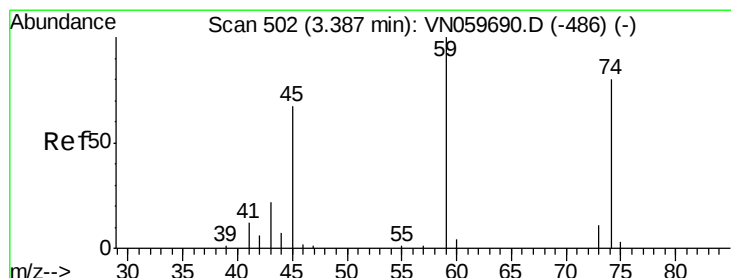
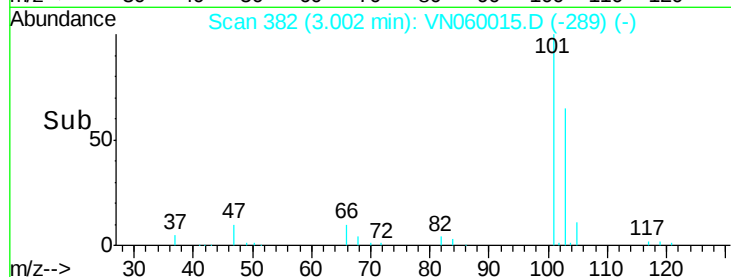
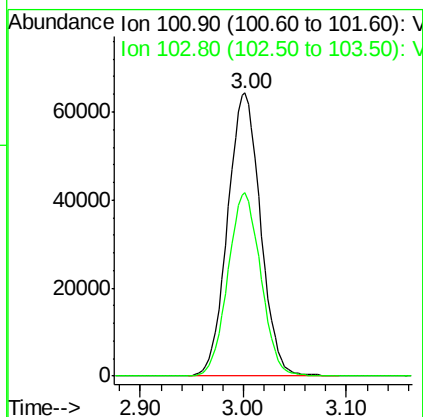
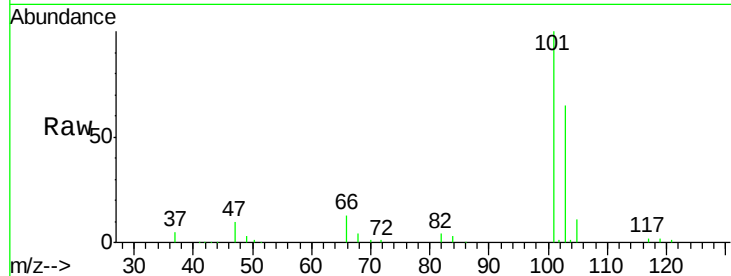


#7

Trichlorofluoromethane
Concen: 48.21 ug/l
RT: 3.00 min Scan# 382
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

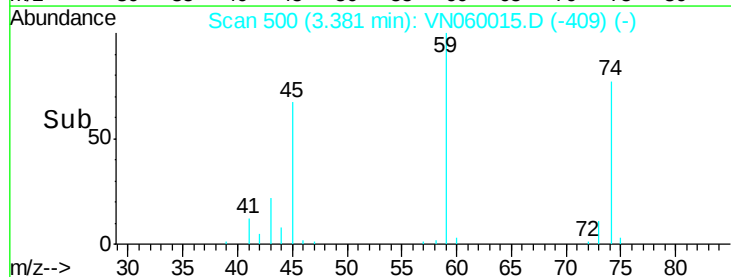
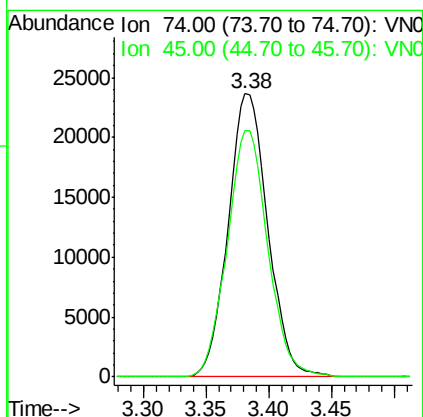
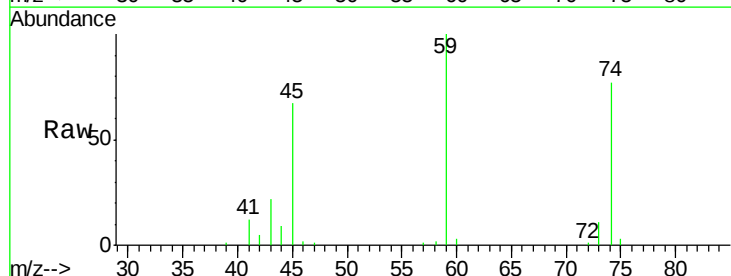
Tgt Ion:101 Resp: 142749
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.6

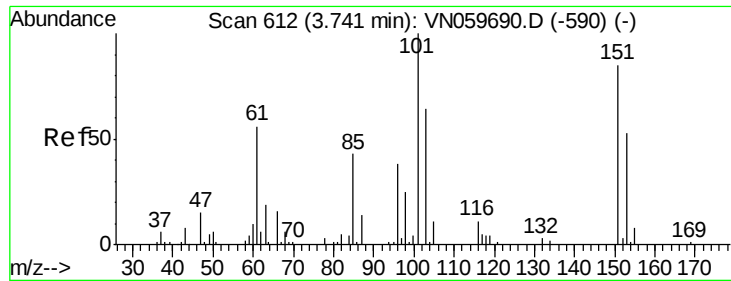


#8

Diethyl Ether
Concen: 49.91 ug/l
RT: 3.38 min Scan# 500
Delta R.T. -0.01 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion: 74 Resp: 51864
Ion Ratio Lower Upper
74 100
45 89.1 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.07 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.01 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

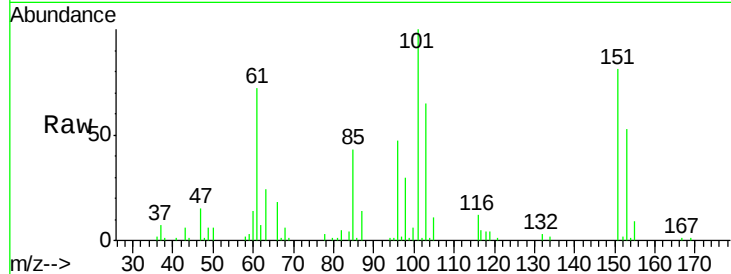
Tgt Ion:101 Resp: 85801

Ion Ratio Lower Upper

101 100

85 42.8 36.6 54.8

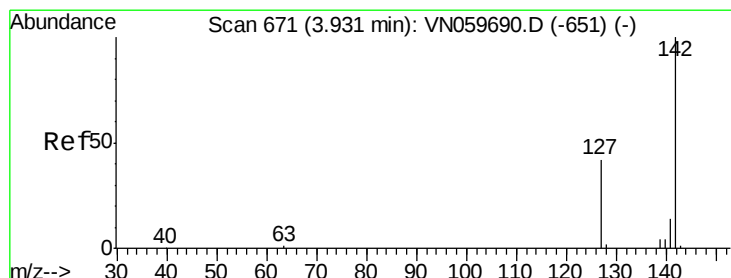
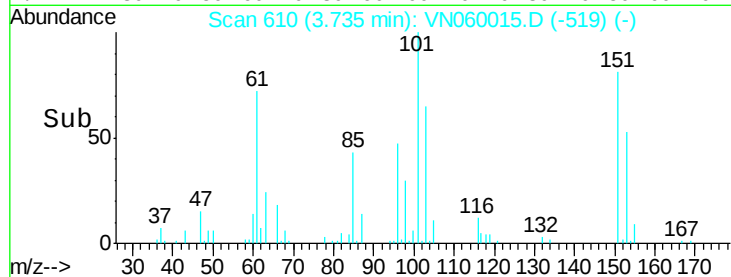
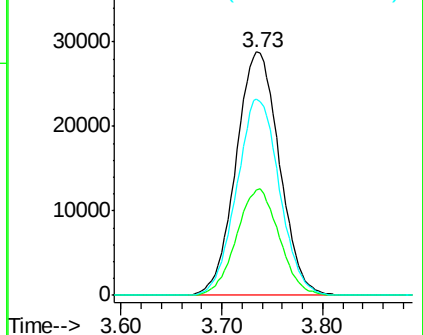
151 79.7 59.7 89.5



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: 41.80 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.01 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

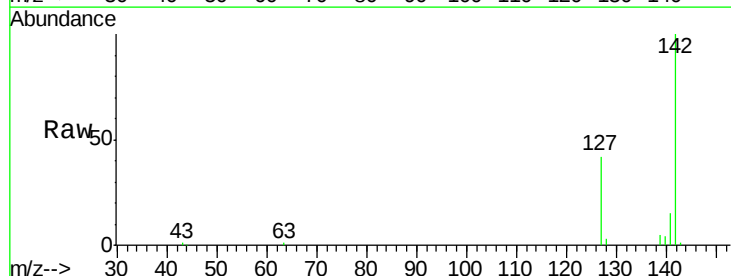
Tgt Ion:142 Resp: 111333

Ion Ratio Lower Upper

142 100

127 43.0 36.7 55.1

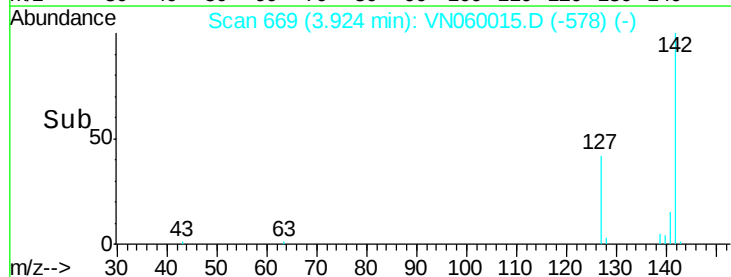
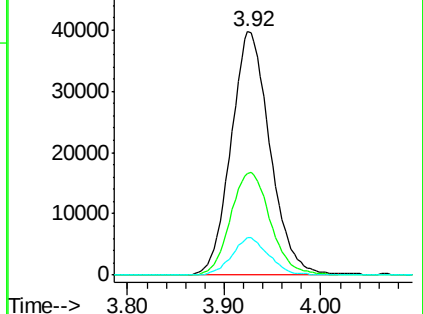
141 14.5 11.7 17.5

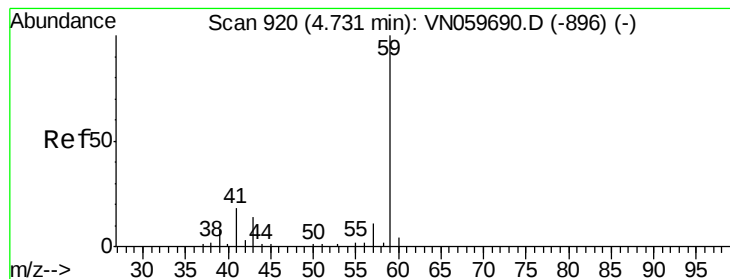


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



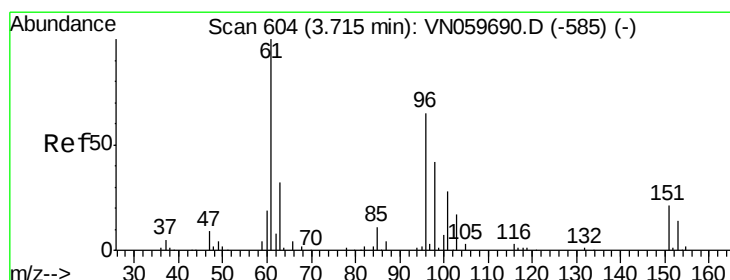
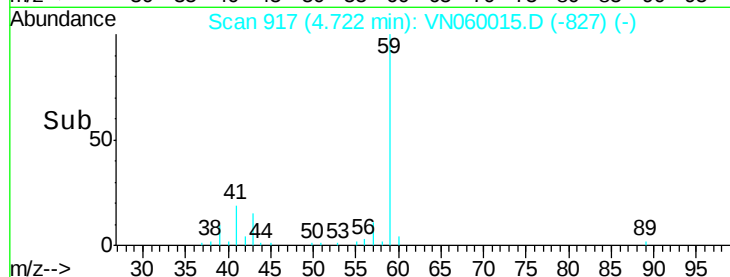
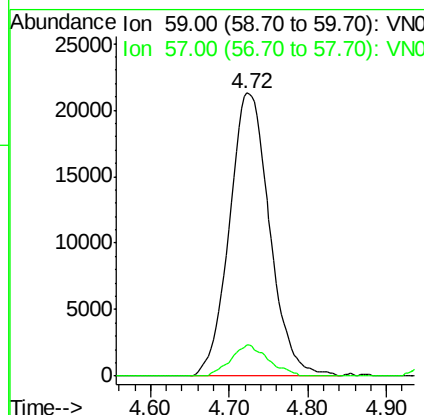
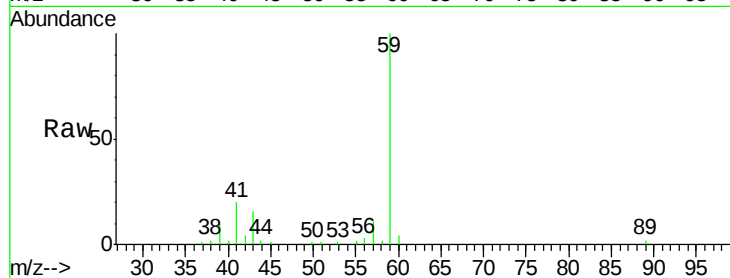


#11

Tert butyl alcohol
 Concen: 215.36 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

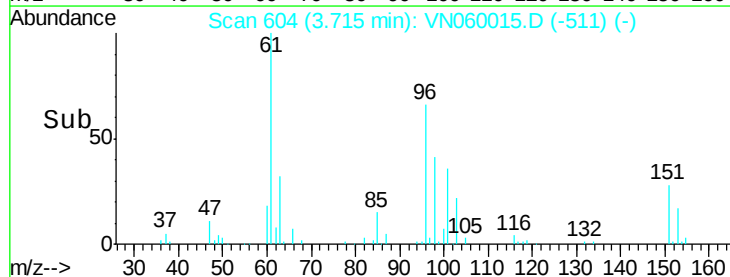
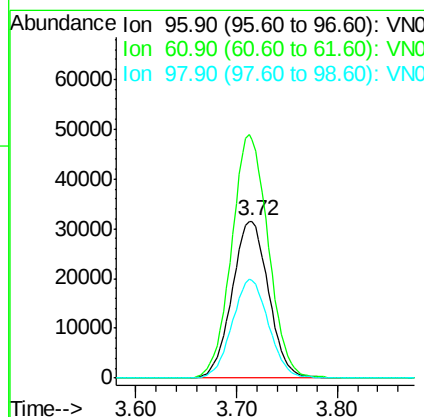
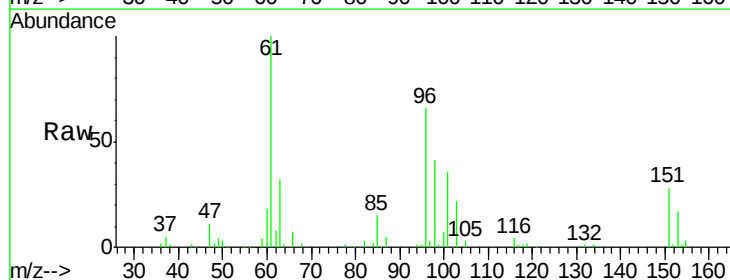
Tgt Ion: 59 Resp: 75779
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 46.12 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion: 96 Resp: 79422
 Ion Ratio Lower Upper
 96 100
 61 151.7 137.5 206.3
 98 62.0 50.2 75.4





#13

Acrolein

Concen: 211.07 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

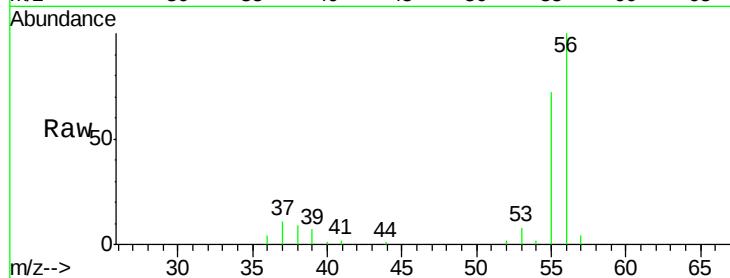
VSTDCCC050EC

Tgt Ion: 56 Resp: 52573

Ion Ratio Lower Upper

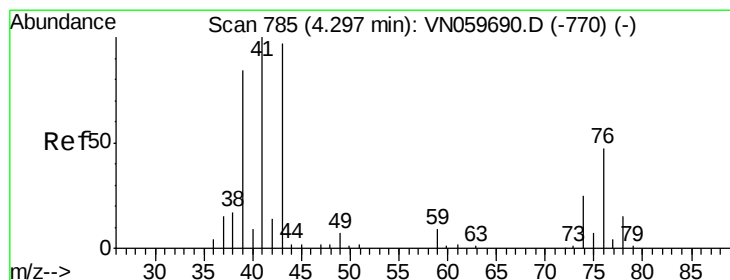
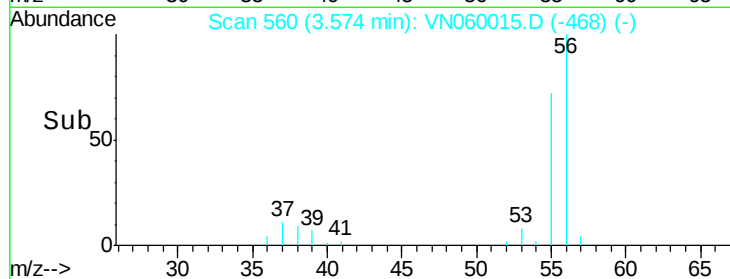
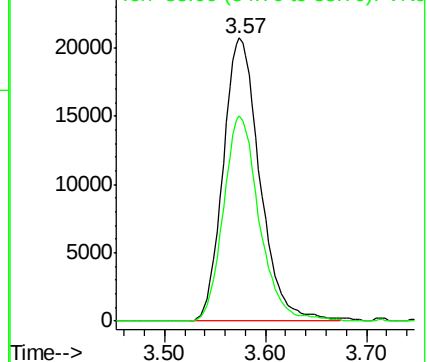
56 100

55 70.6 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: 48.81 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.01 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

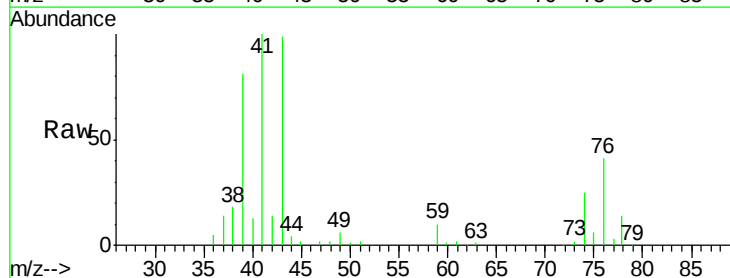
Tgt Ion: 41 Resp: 113298

Ion Ratio Lower Upper

41 100

39 84.7 57.8 86.8

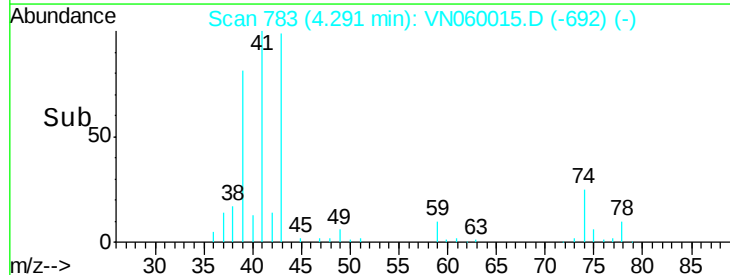
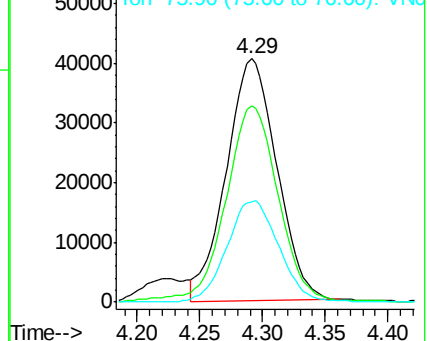
76 43.0 25.4 38.0#

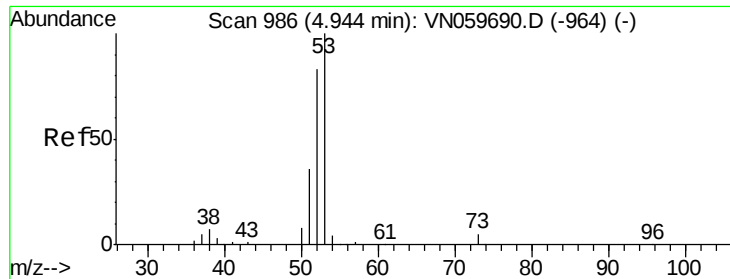


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 252.19 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

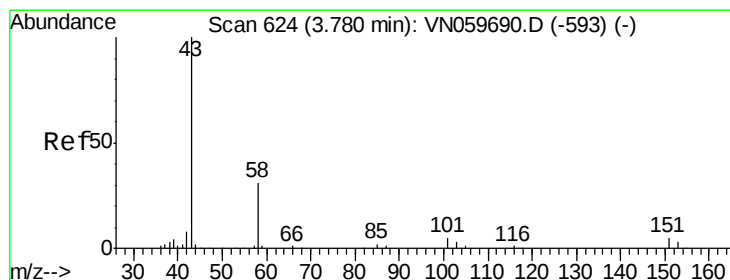
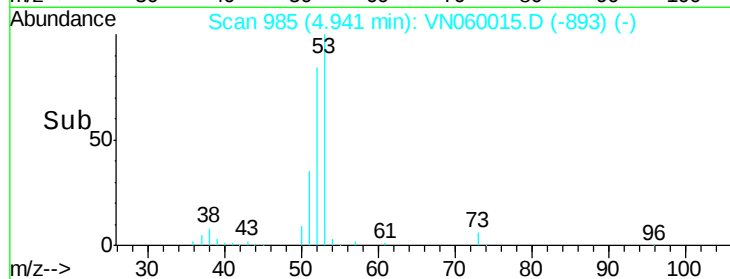
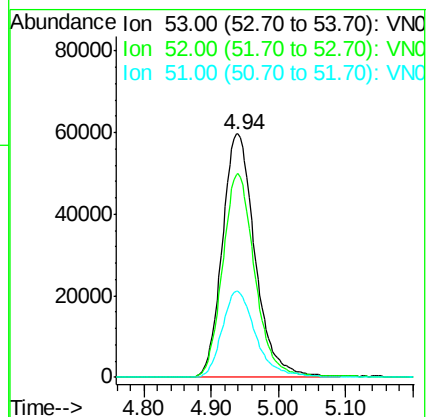
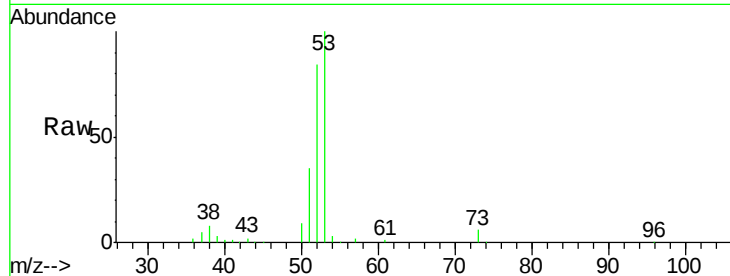
Tgt Ion: 53 Resp: 202418

Ion Ratio Lower Upper

53 100

52 81.9 66.3 99.5

51 36.2 29.7 44.5



#16

Acetone

Concen: 243.16 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060015.D

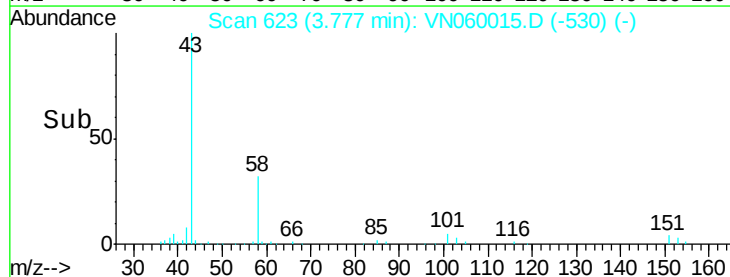
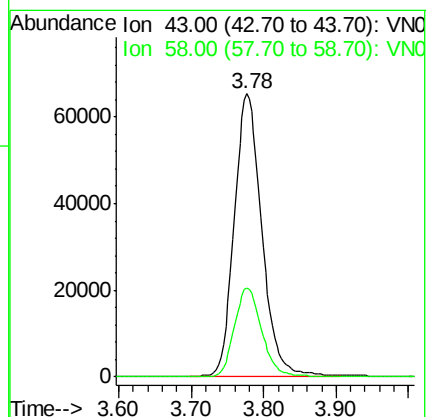
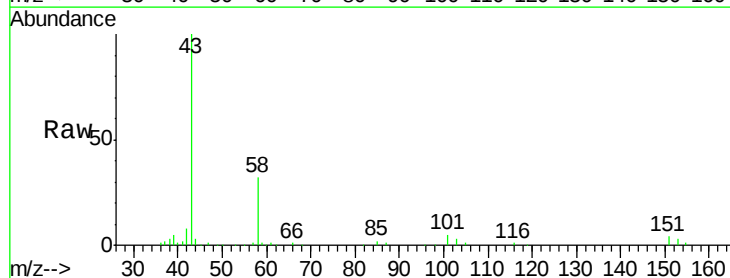
Acq: 6 Feb 2020 16:46

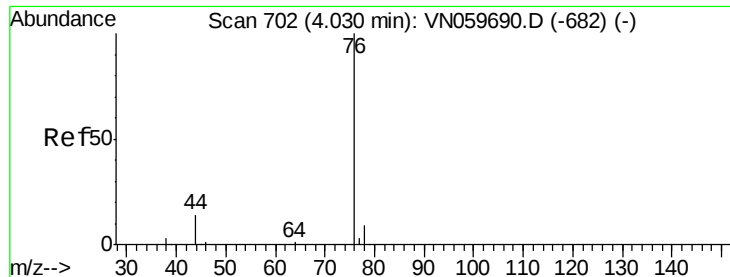
Tgt Ion: 43 Resp: 173546

Ion Ratio Lower Upper

43 100

58 31.5 23.6 35.4





#17

Carbon Disulfide

Concen: 37.53 ug/l

RT: 4.03 min Scan# 701

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

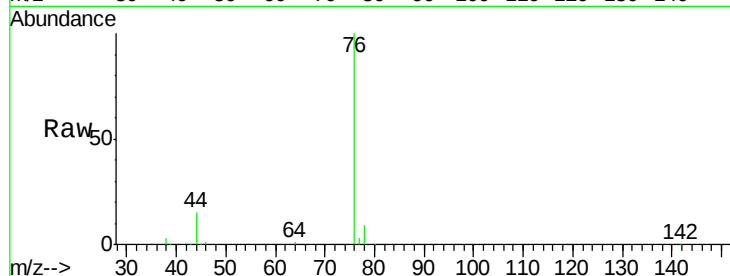
VSTDCCC050EC

Tgt Ion: 76 Resp: 184089

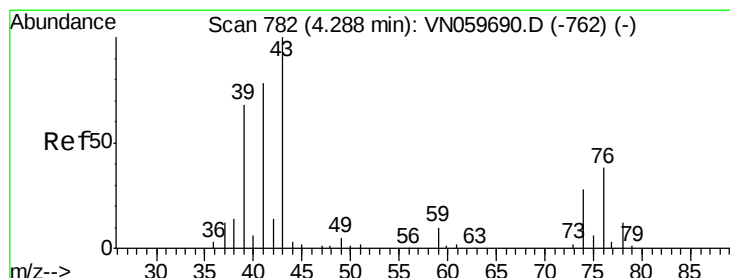
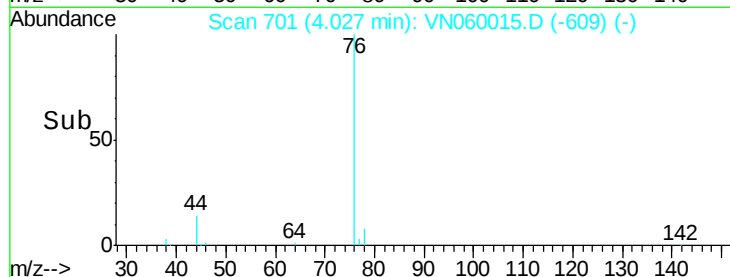
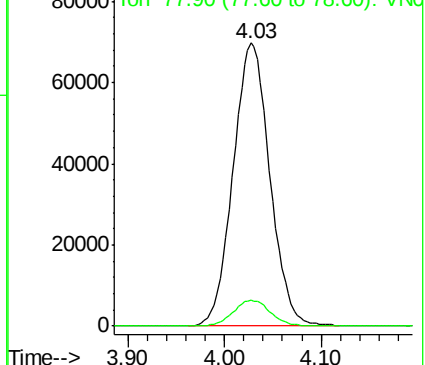
Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN060015.D (-682) (-)



#18

Methyl Acetate

Concen: 51.64 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060015.D

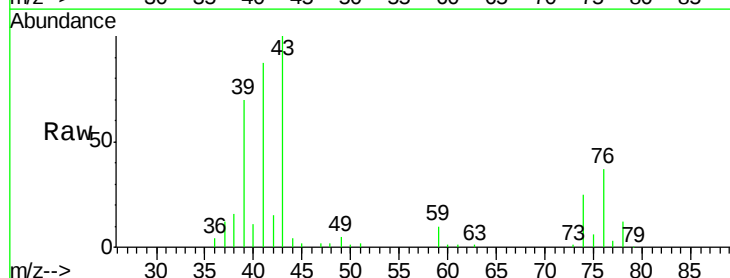
Acq: 6 Feb 2020 16:46

Tgt Ion: 43 Resp: 126080

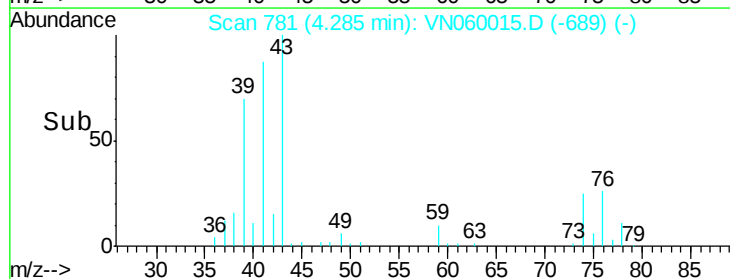
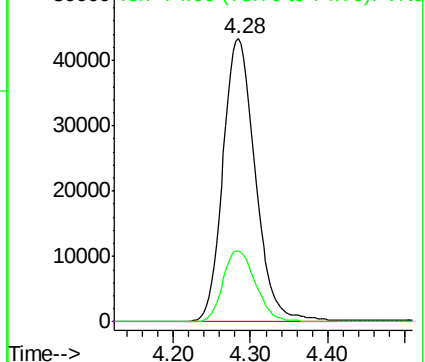
Ion Ratio Lower Upper

43 100

74 25.3 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060015.D (-689) (-)

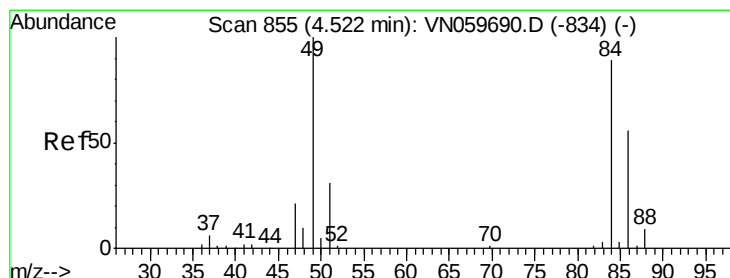
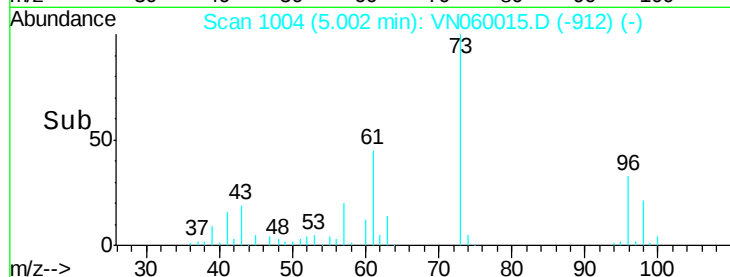
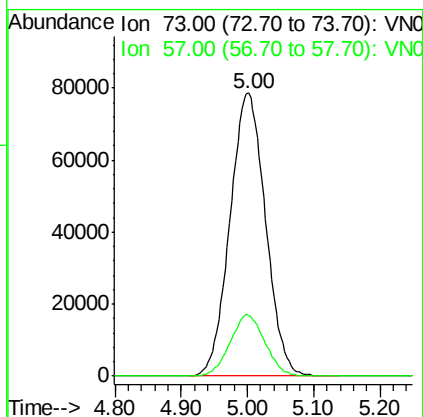
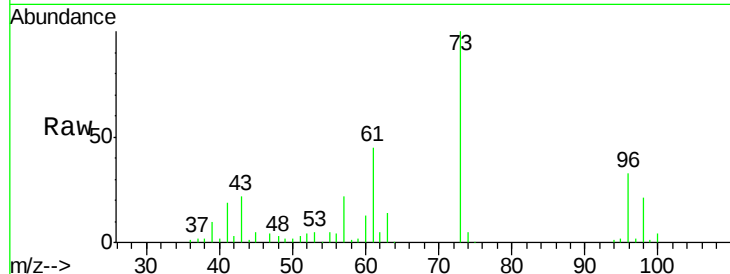




#19
Methyl tert-butyl Ether
Concen: 52.16 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

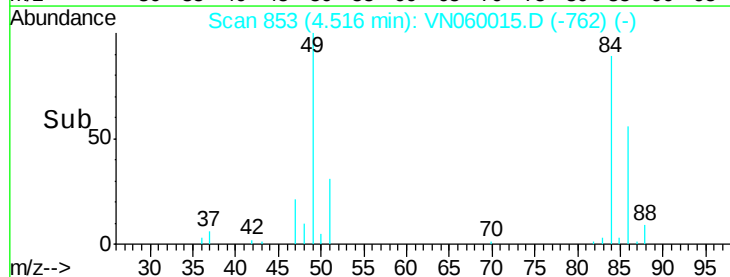
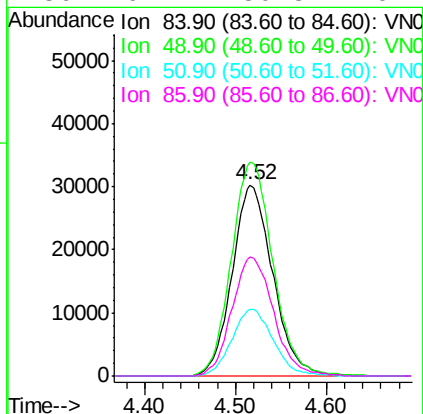
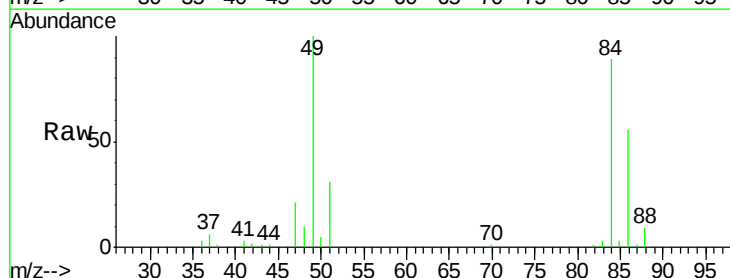
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

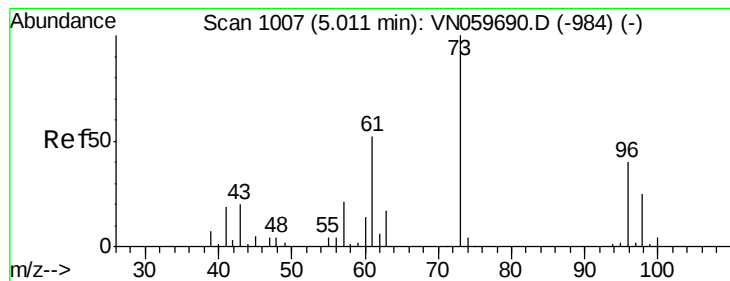
Tgt Ion: 73 Resp: 292845
Ion Ratio Lower Upper
73 100
57 21.6 18.6 27.8



#20
Methylene Chloride
Concen: 49.52 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion: 84 Resp: 93667
Ion Ratio Lower Upper
84 100
49 111.9 106.6 160.0
51 35.2 31.9 47.9
86 62.1 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.98 ug/l

RT: 5.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

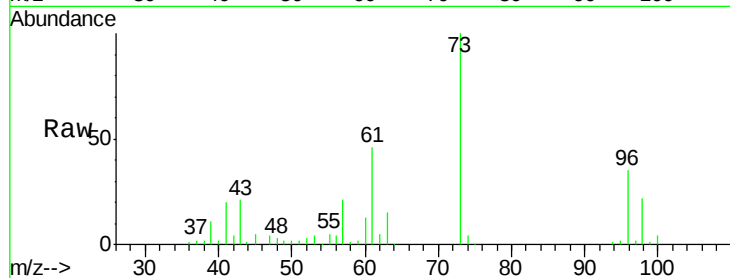
Tgt Ion: 96 Resp: 85988

Ion Ratio Lower Upper

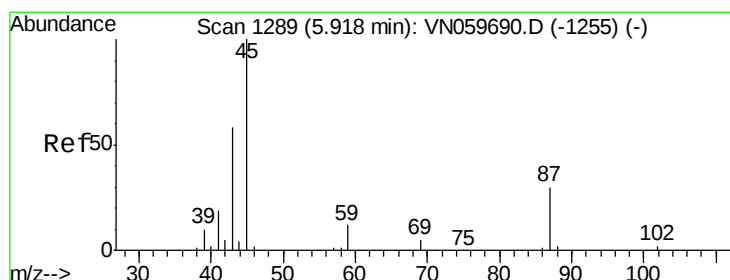
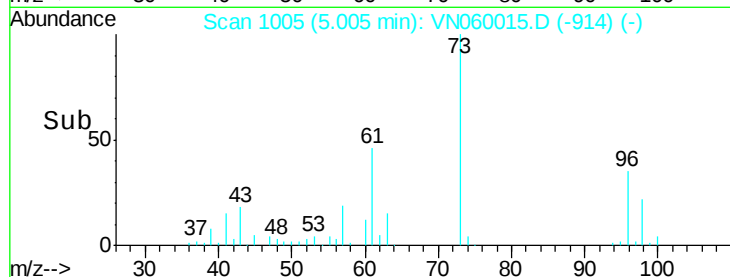
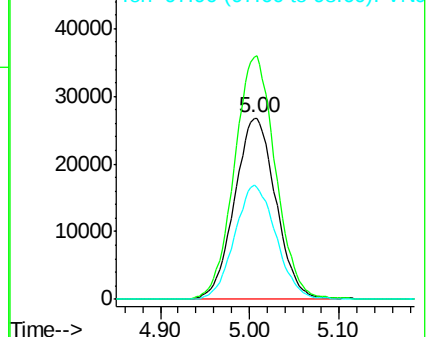
96 100

61 133.9 120.4 180.6

98 63.0 50.6 75.8



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



#22

Diisopropyl ether

Concen: 53.28 ug/l

RT: 5.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Tgt Ion: 45 Resp: 280228

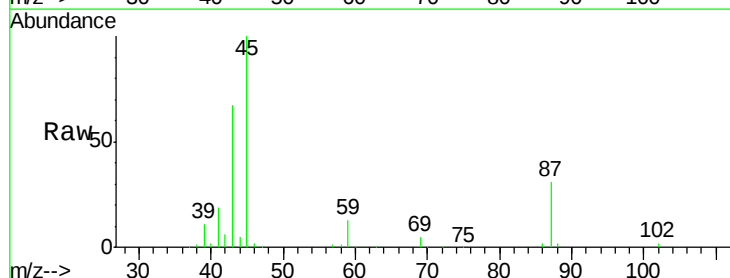
Ion Ratio Lower Upper

45 100

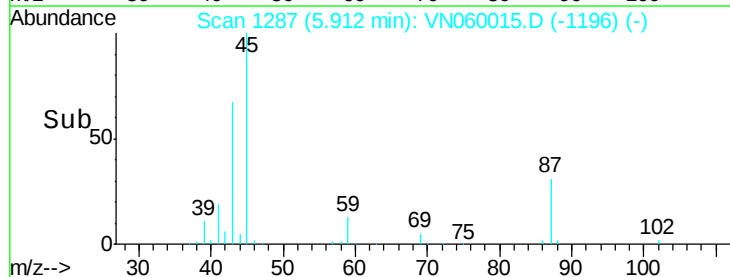
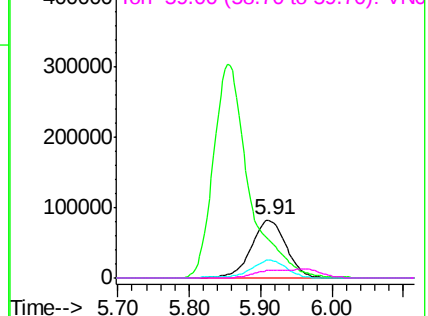
43 65.6 50.8 76.2

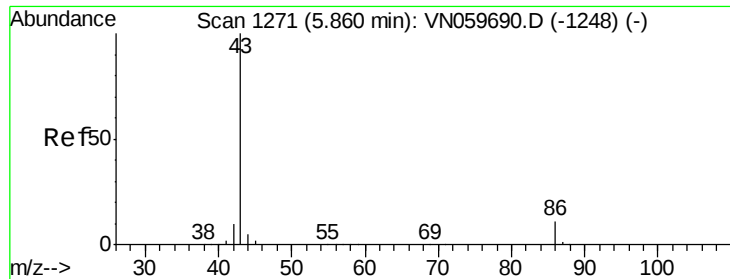
87 31.4 21.0 31.6

59 12.7 9.1 13.7



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





#23

Vinyl Acetate

Concen: 259.30 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

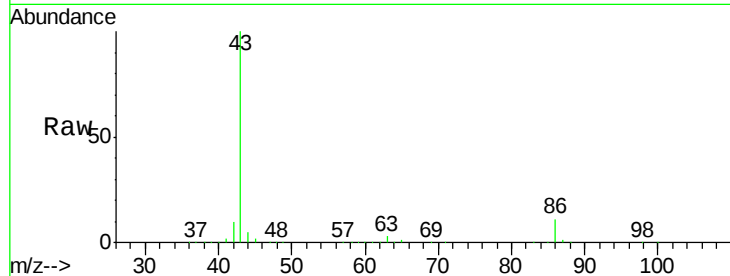
VSTDCCC050EC

Tgt Ion: 43 Resp: 1055964

Ion Ratio Lower Upper

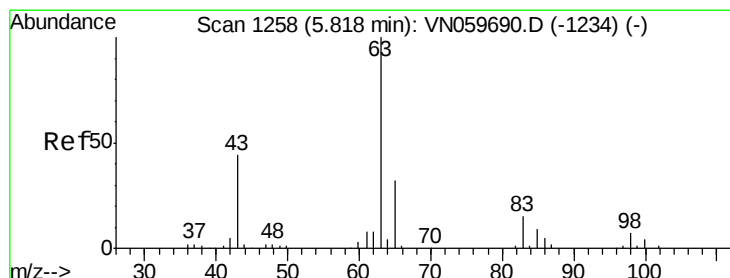
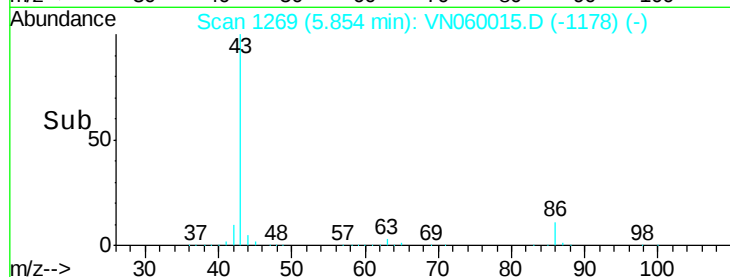
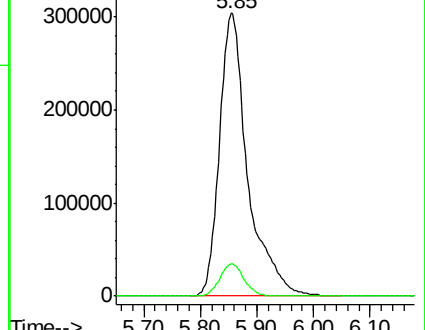
43 100

86 11.5 7.6 11.4#



Abundance Ion 43.00 (42.70 to 43.70): VN060015.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060015.D (-1178) (-)



#24

1,1-Dichloroethane

Concen: 51.49 ug/l

RT: 5.81 min Scan# 1256

Delta R.T. -0.01 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

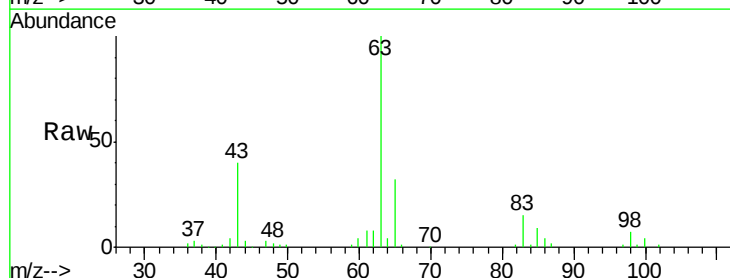
Tgt Ion: 63 Resp: 165487

Ion Ratio Lower Upper

63 100

98 7.1 2.9 8.7

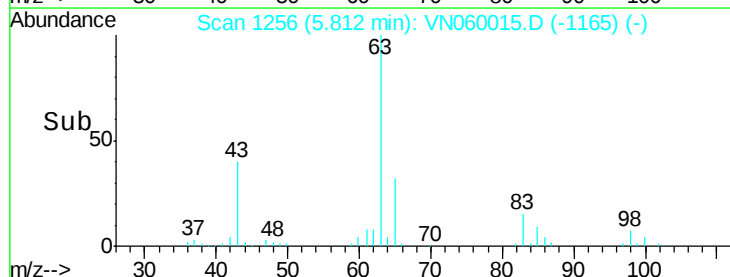
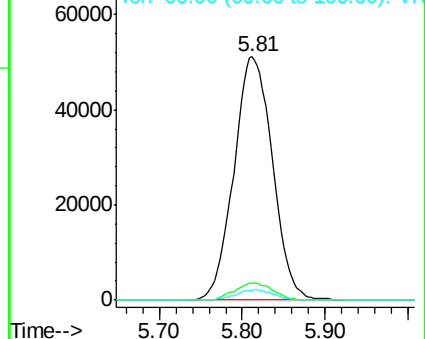
100 4.1 2.0 6.0

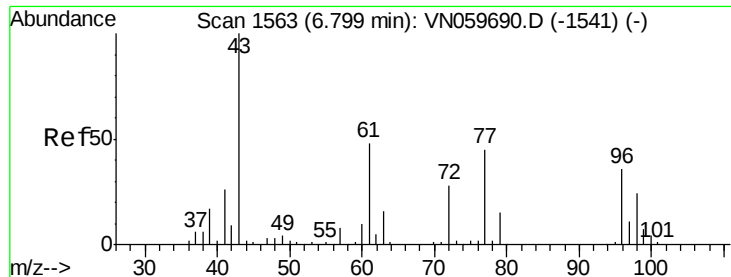


Abundance Ion 62.90 (62.60 to 63.60): VN060015.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060015.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060015.D (-1165) (-)

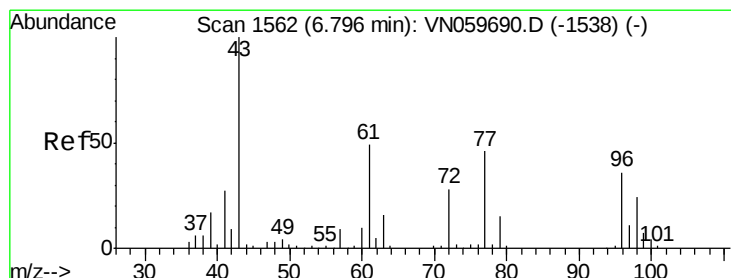
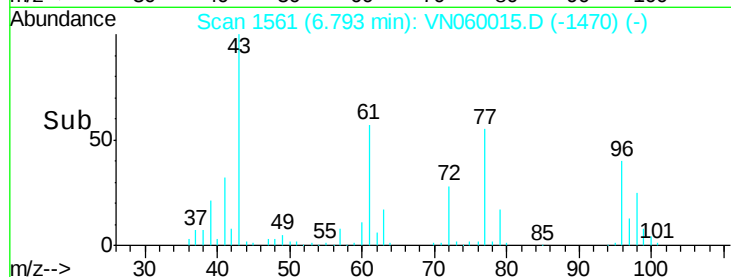
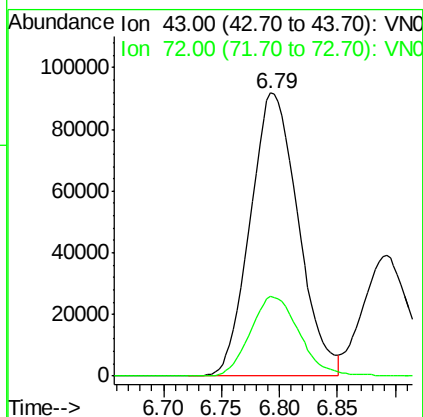
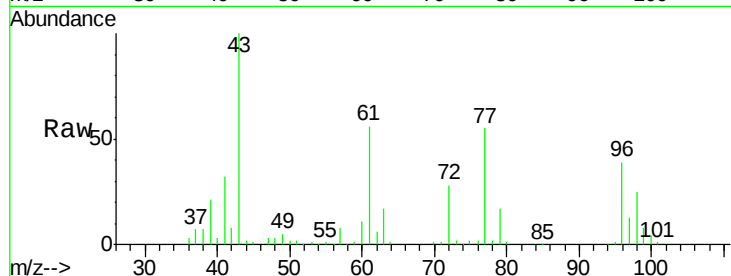




#25
2-Butanone
Concen: 223.69 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.01 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

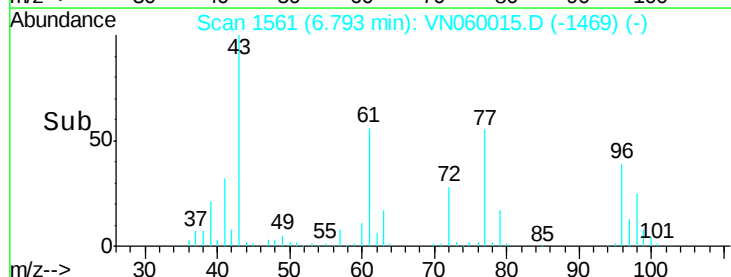
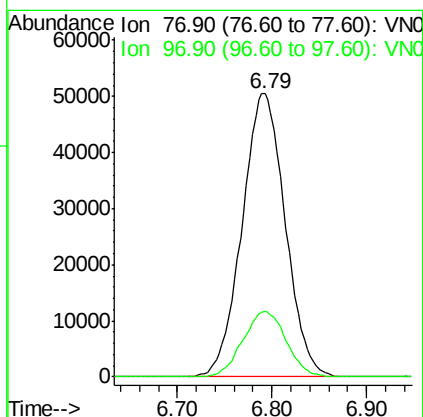
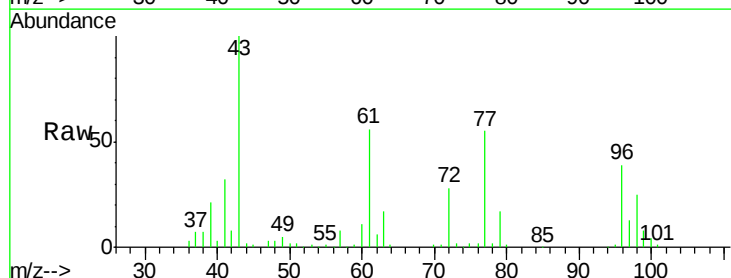
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 264774
Ion Ratio Lower Upper
43 100
72 28.1 19.9 29.9



#26
2,2-Dichloropropane
Concen: 51.75 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion: 77 Resp: 159906
Ion Ratio Lower Upper
77 100
97 23.1 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 50.77 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

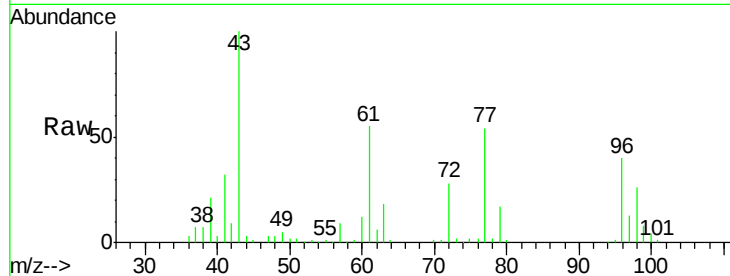
Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 106877

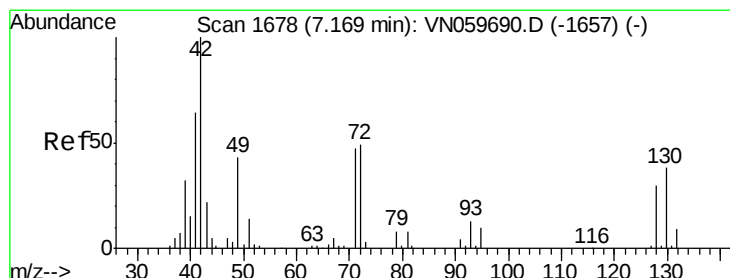
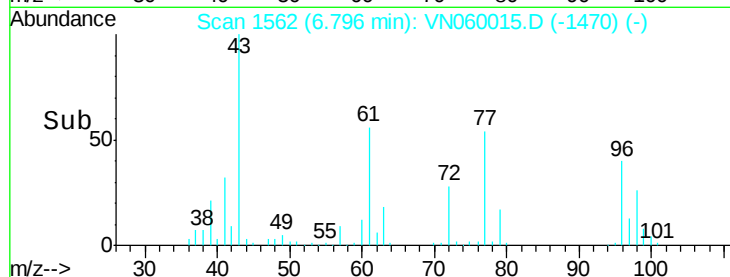
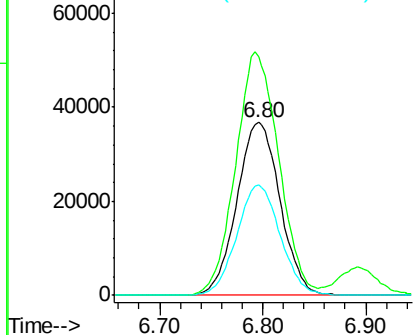
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	317.6
98	64.3	0.0	127.0



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.76 ug/l

RT: 7.16 min Scan# 1676

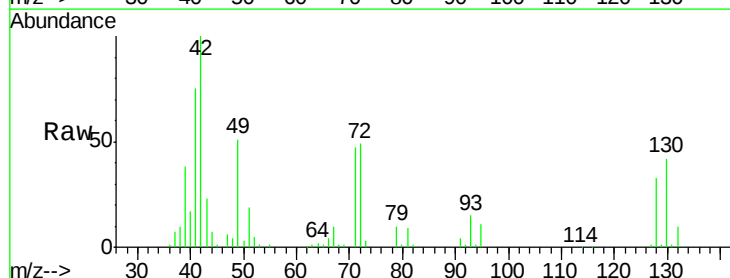
Delta R.T. -0.01 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Tgt Ion: 49 Resp: 61354

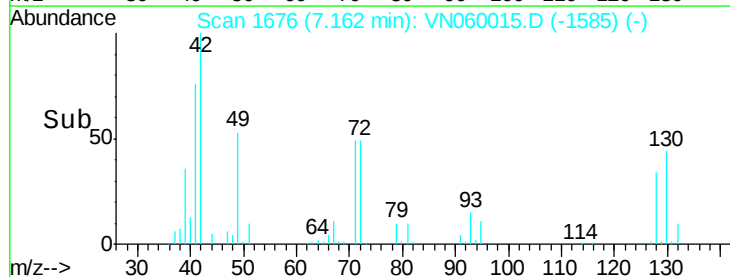
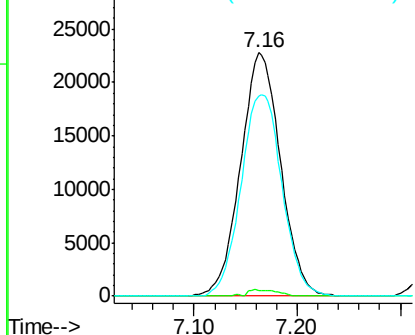
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	85.1	54.7	82.1#



Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 231.91 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

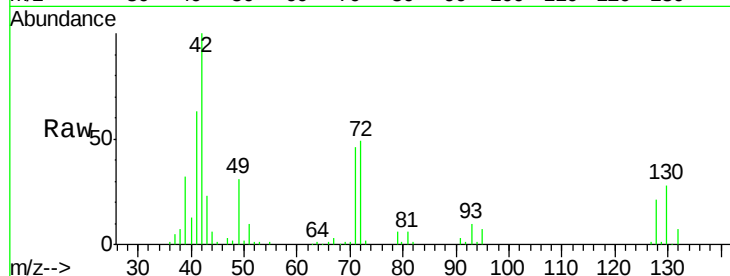
Tgt Ion: 42 Resp: 169839

Ion Ratio Lower Upper

42 100

72 47.8 33.1 49.7

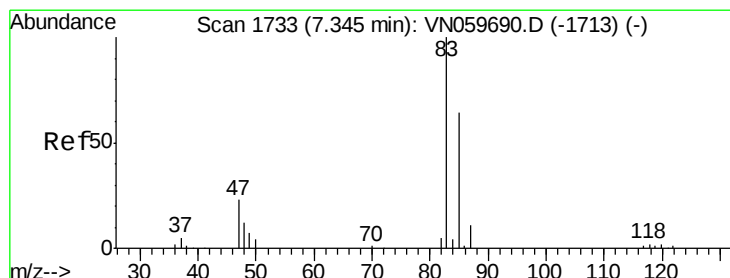
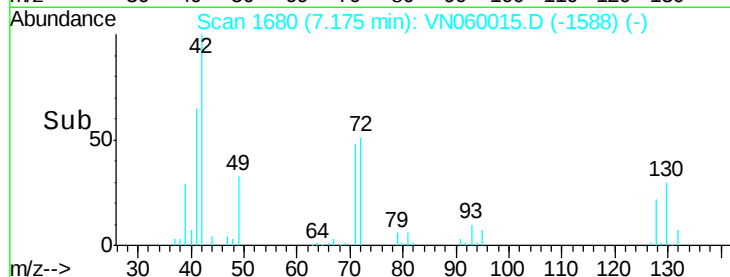
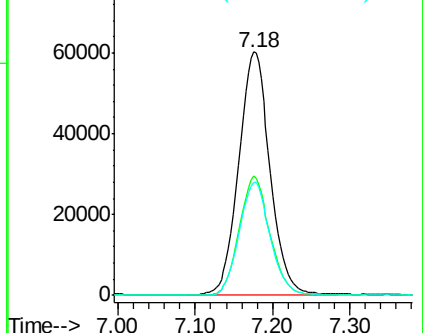
71 46.0 31.4 47.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 53.31 ug/l

RT: 7.34 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VN060015.D

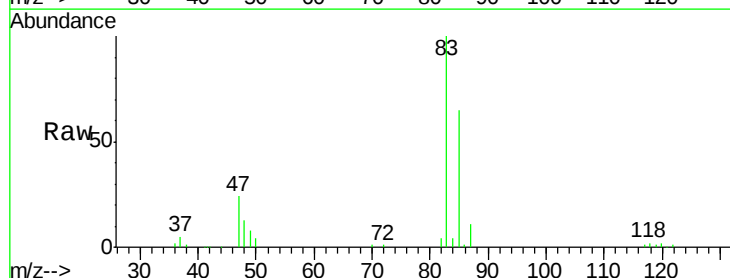
Acq: 6 Feb 2020 16:46

Tgt Ion: 83 Resp: 177528

Ion Ratio Lower Upper

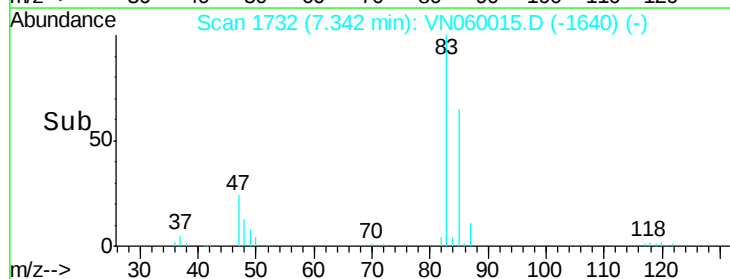
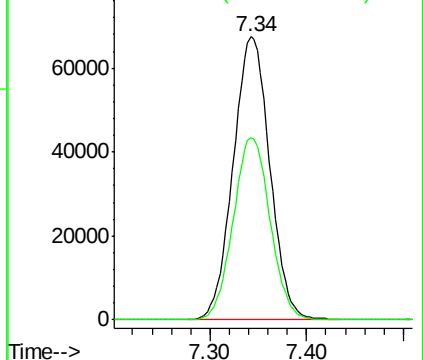
83 100

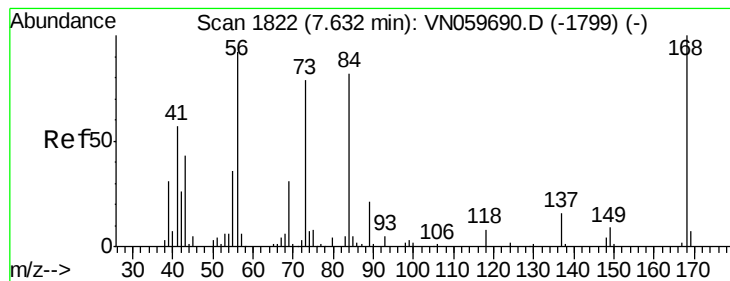
85 64.6 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 43.18 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

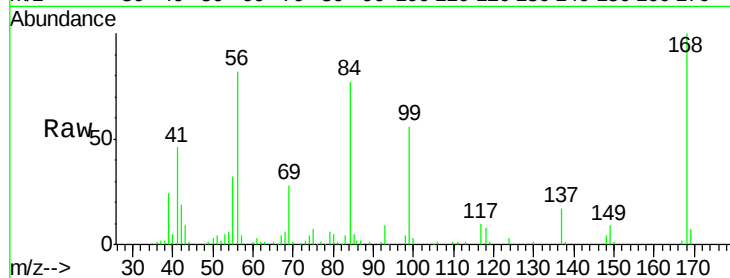
Tgt Ion: 56 Resp: 133535

Ion Ratio Lower Upper

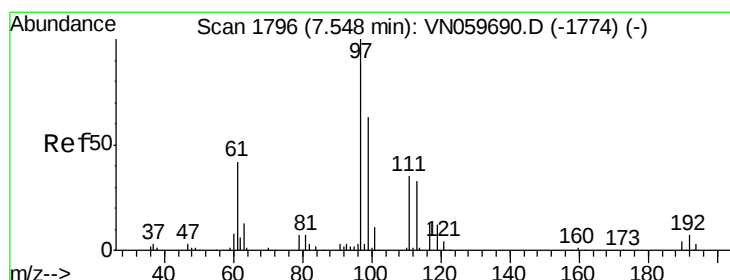
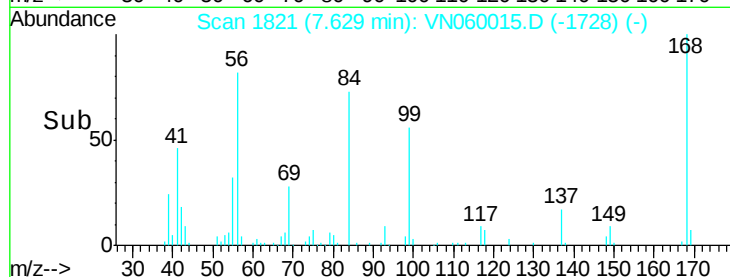
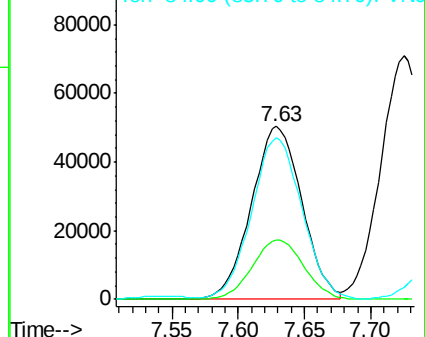
56 100

69 34.3 26.5 39.7

84 92.4 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 52.25 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

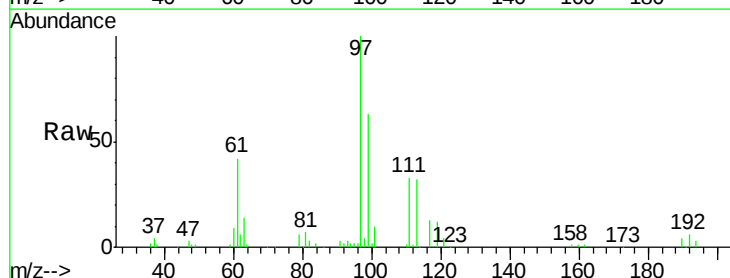
Tgt Ion: 97 Resp: 160865

Ion Ratio Lower Upper

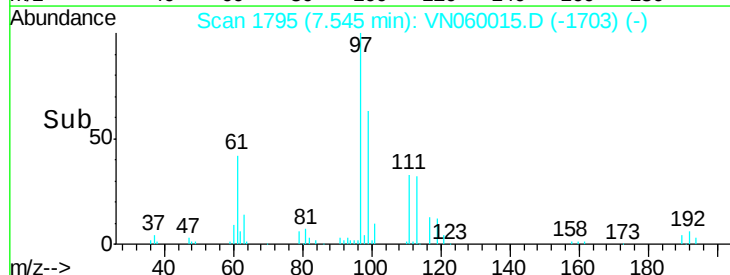
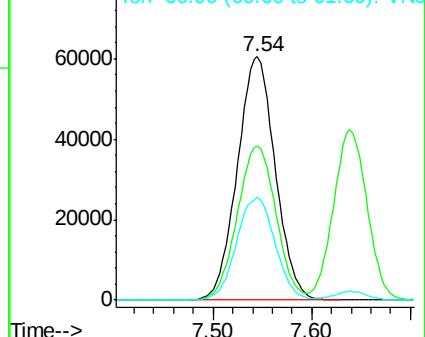
97 100

99 64.6 51.0 76.4

61 43.0 38.5 57.7



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

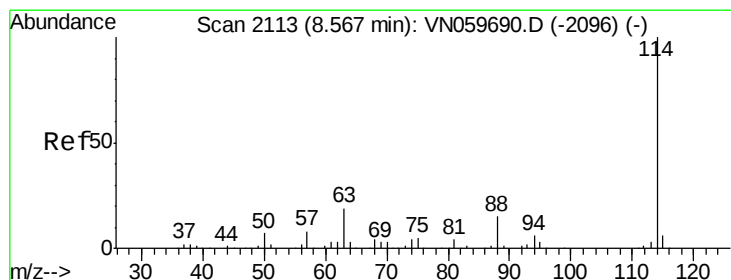
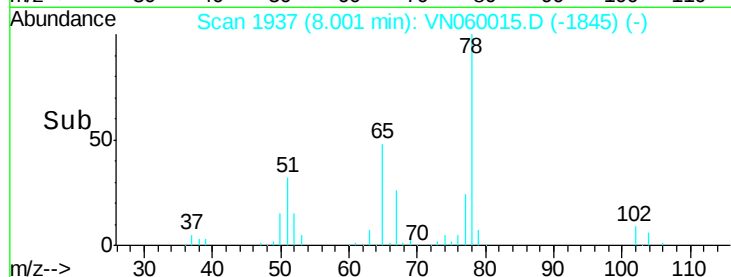
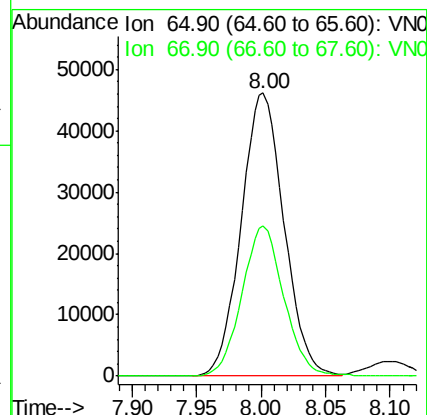
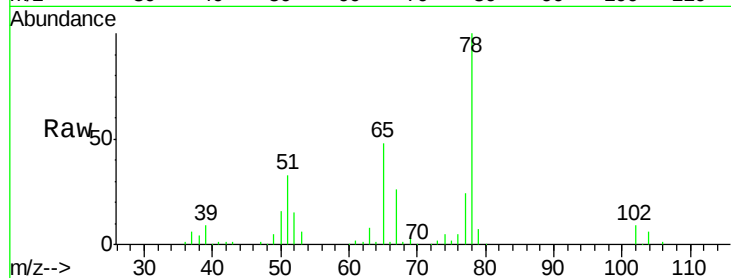




#33
 1,2-Dichloroethane-d4
 Concen: 51.06 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

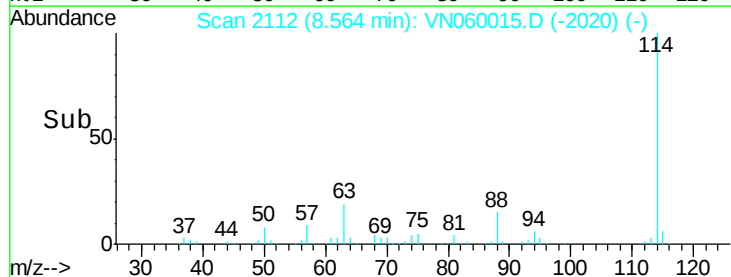
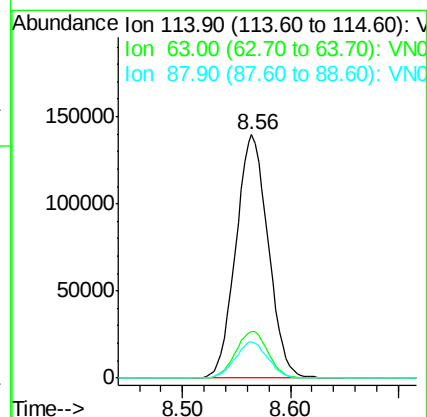
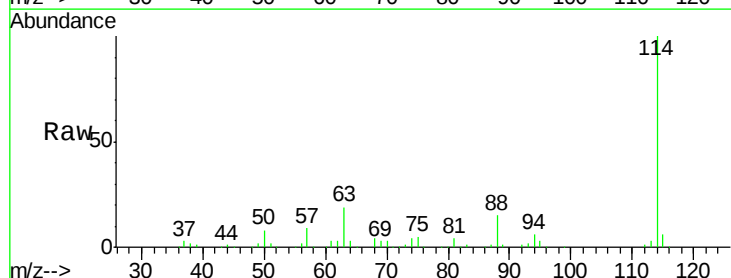
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

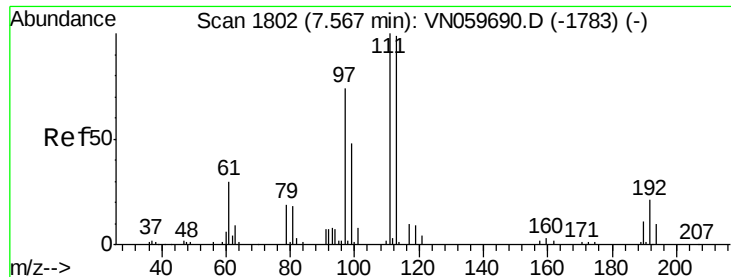
Tgt Ion: 65 Resp: 106714
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion: 114 Resp: 291202
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 43.6
 88 15.1 0.0 31.4

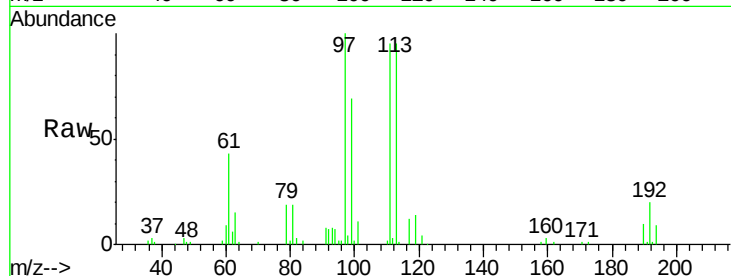




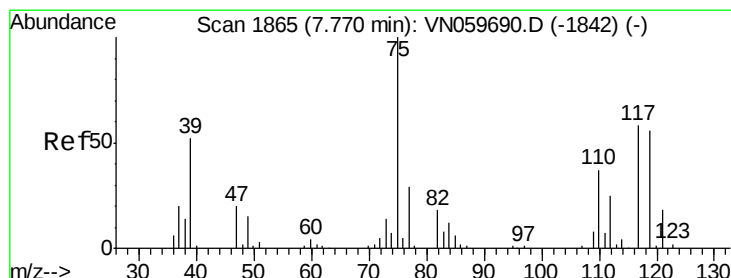
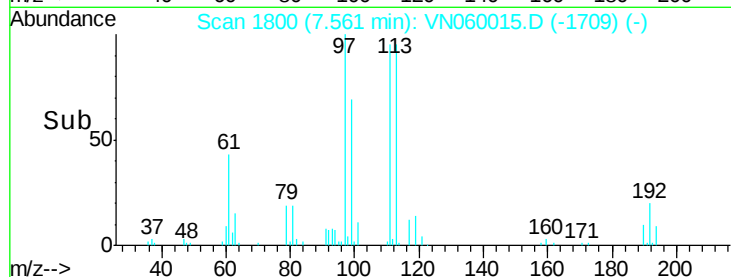
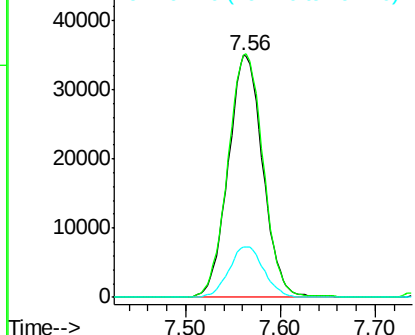
#35
Dibromofluoromethane
Concen: 51.16 ug/l
RT: 7.56 min Scan# 1800
Delta R.T. -0.01 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 88837
Ion Ratio Lower Upper
113 100
111 102.6 83.5 125.3
192 21.0 15.4 23.2

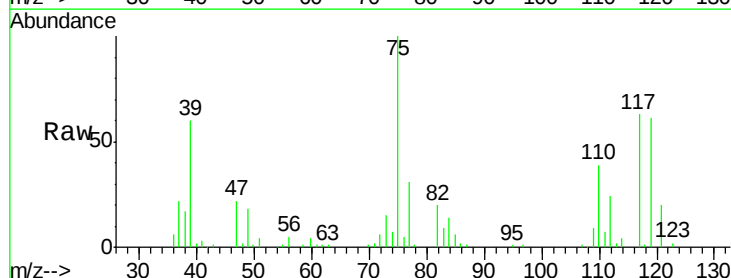


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

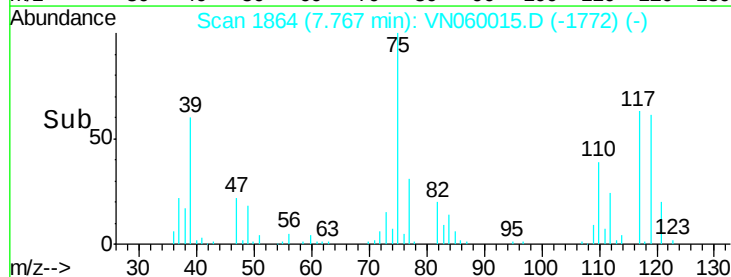
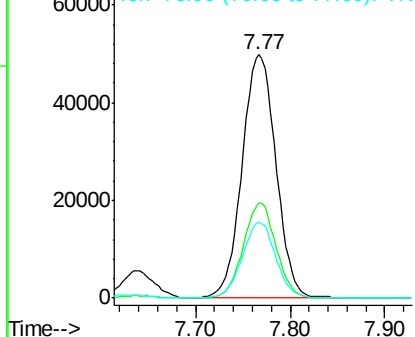


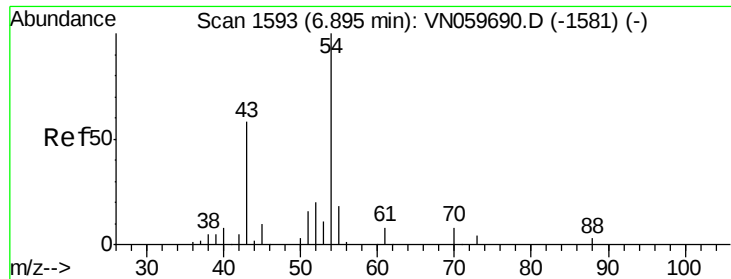
#36
1,1-Dichloropropene
Concen: 48.93 ug/l
RT: 7.77 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion: 75 Resp: 124081
Ion Ratio Lower Upper
75 100
110 37.6 16.6 49.7
77 30.7 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

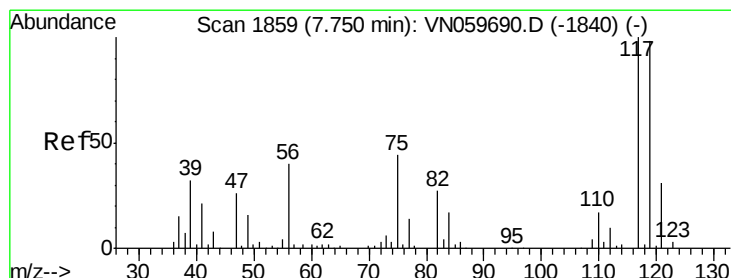
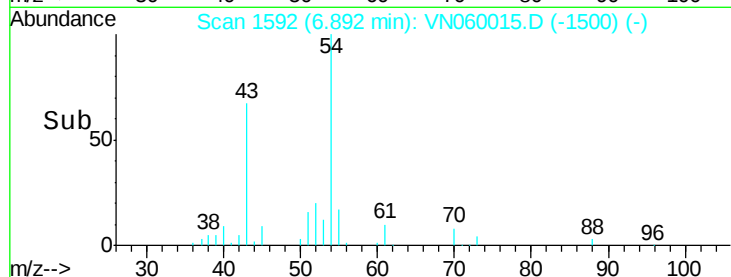
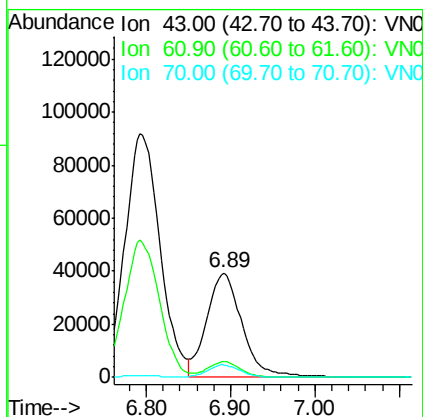
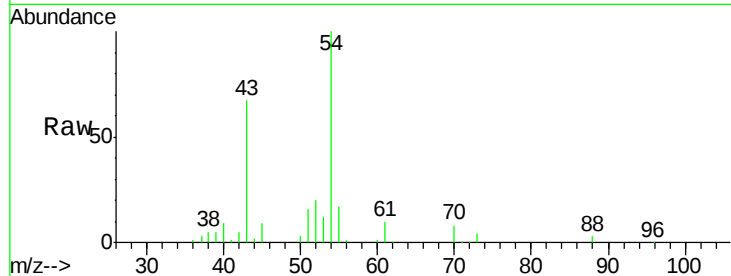




#37
Ethyl Acetate
Concen: 47.46 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

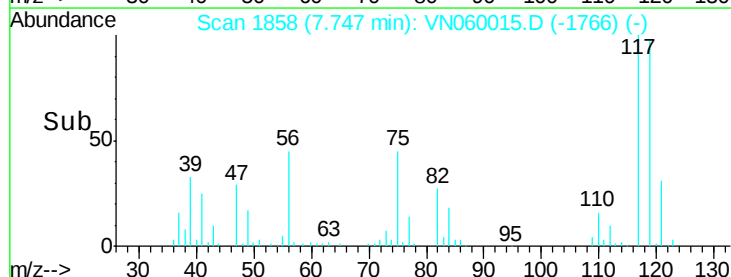
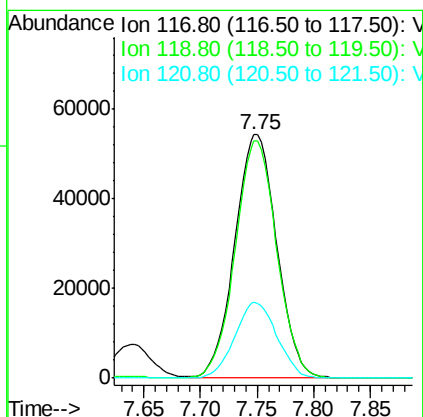
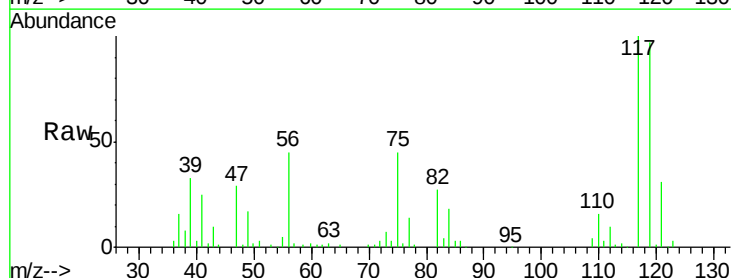
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

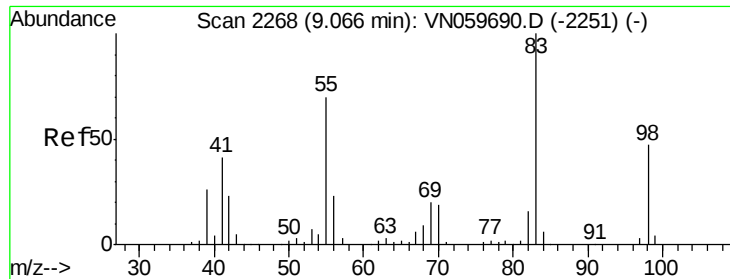
Tgt Ion: 43 Resp: 112870
Ion Ratio Lower Upper
43 100
61 14.5 10.9 16.3
70 11.1 7.7 11.5



#38
Carbon Tetrachloride
Concen: 50.98 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion: 117 Resp: 140622
Ion Ratio Lower Upper
117 100
119 97.3 76.5 114.7
121 31.3 25.1 37.7

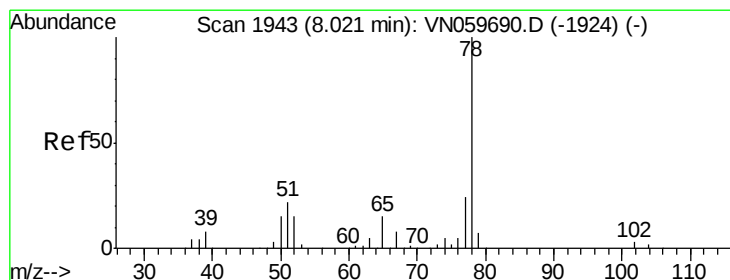
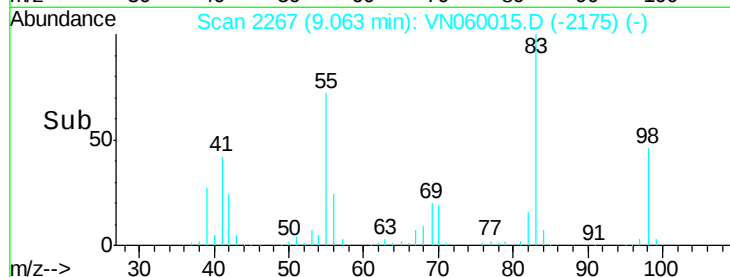
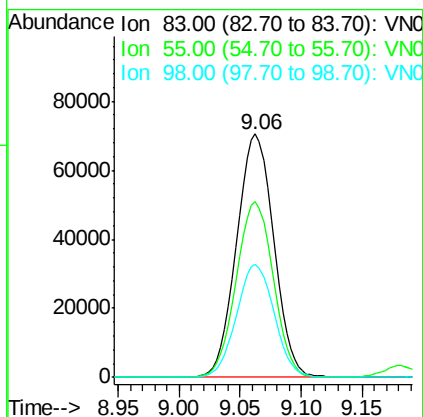
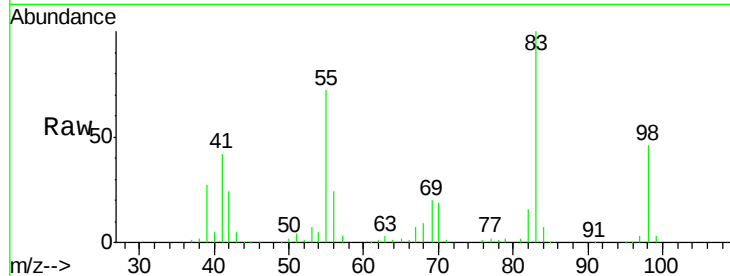




#39
Methylcyclohexane
Concen: 47.71 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

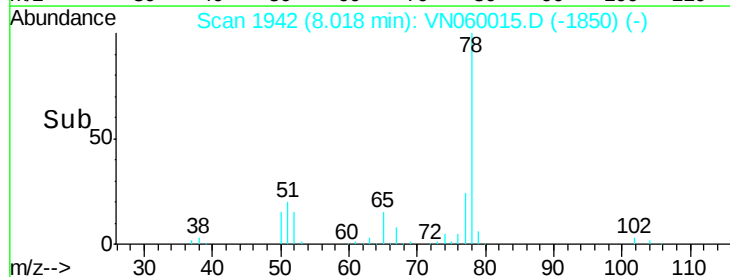
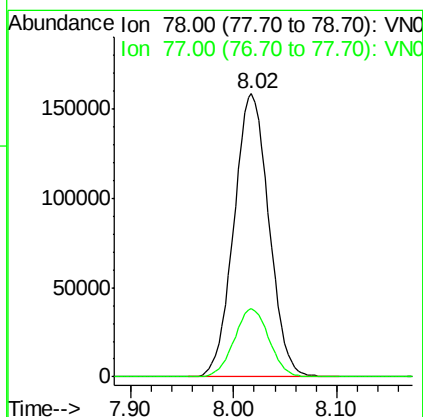
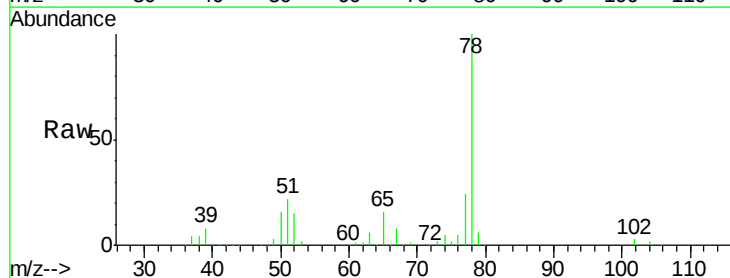
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

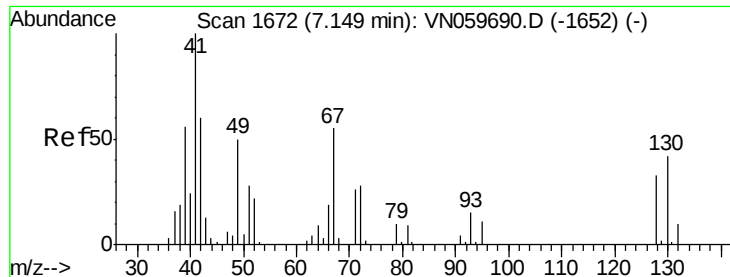
Tgt Ion: 83 Resp: 149178
Ion Ratio Lower Upper
83 100
55 72.2 64.2 96.2
98 46.3 35.9 53.9



#40
Benzene
Concen: 49.50 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion: 78 Resp: 374394
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

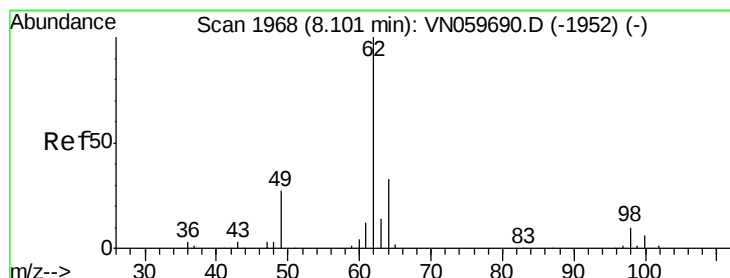
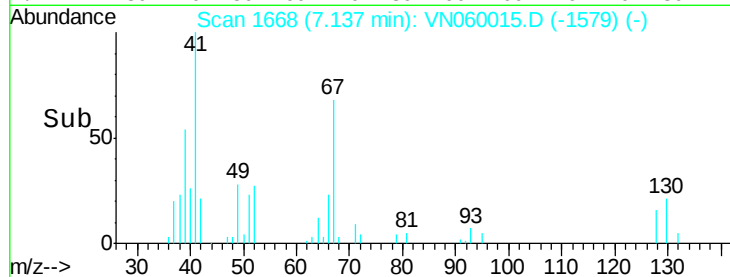
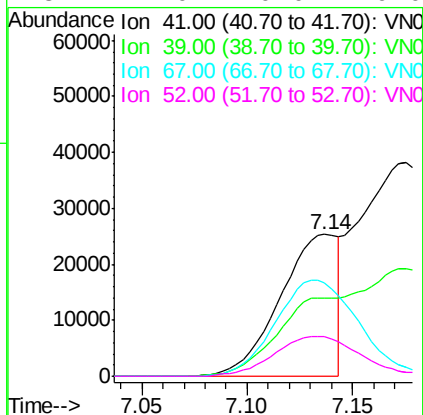
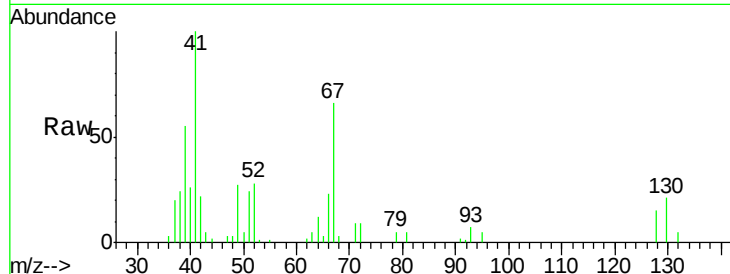




#41
Methacrylonitrile
Concen: 41.37 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

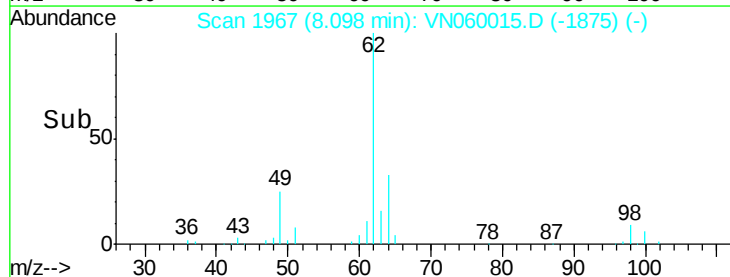
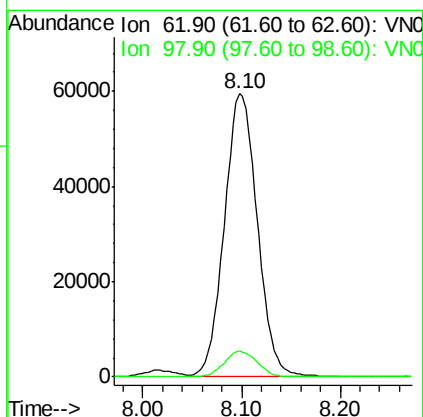
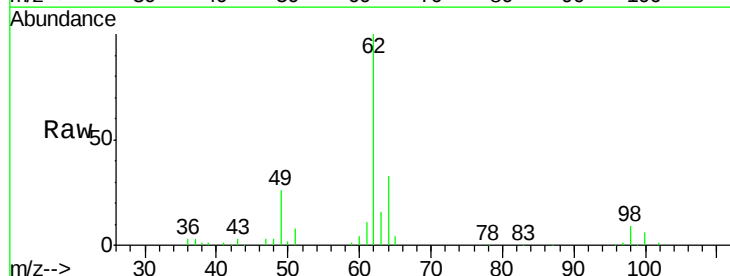
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

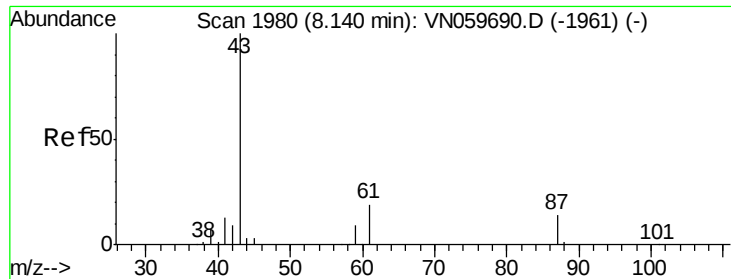
Tgt Ion: 41 Resp: 48468
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 98.2 0.0 0.0#
52 42.0 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 54.29 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion: 62 Resp: 139221
Ion Ratio Lower Upper
62 100
98 9.0 0.0 15.8





#43

Isopropyl Acetate

Concen: 49.15 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

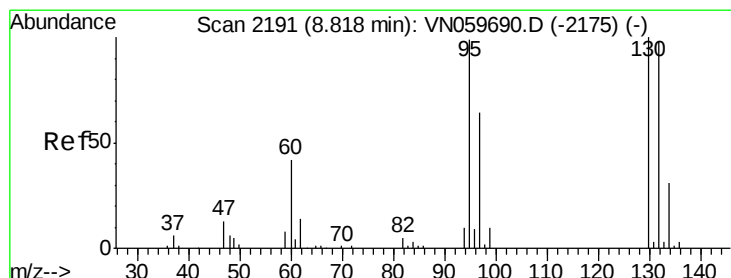
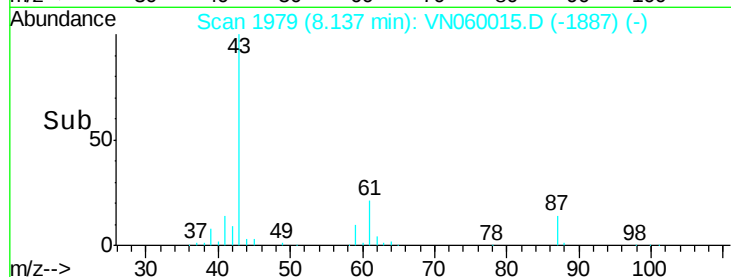
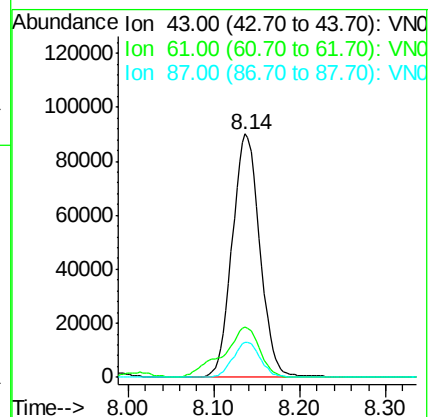
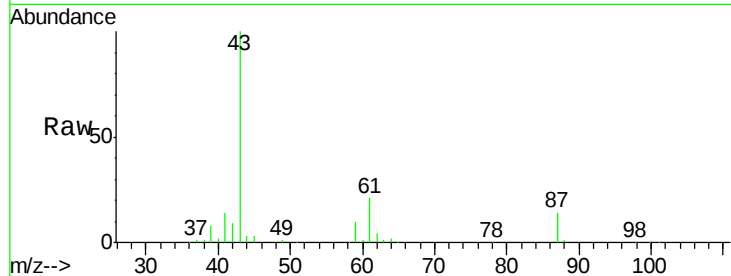
Tgt Ion: 43 Resp: 201081

Ion Ratio Lower Upper

43 100

61 27.6 20.2 30.2

87 14.2 9.5 14.3



#44

Trichloroethene

Concen: 50.55 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060015.D

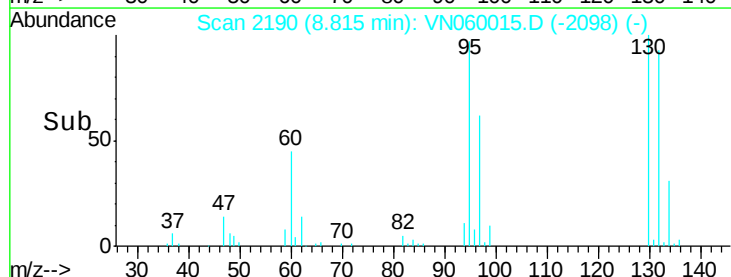
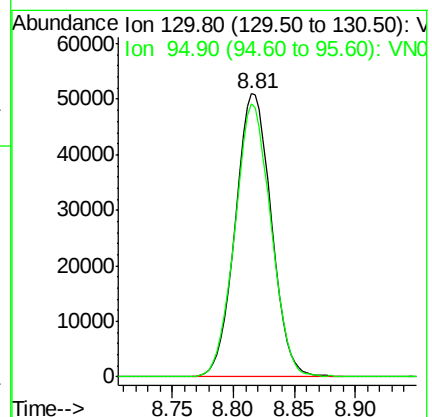
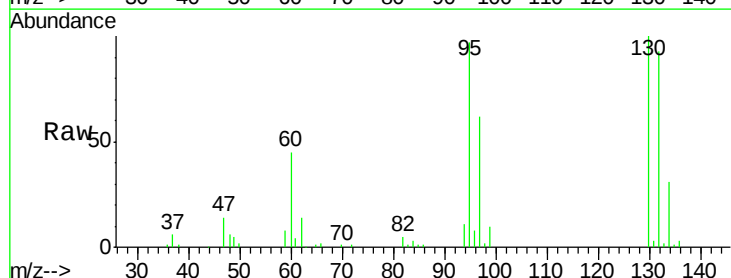
Acq: 6 Feb 2020 16:46

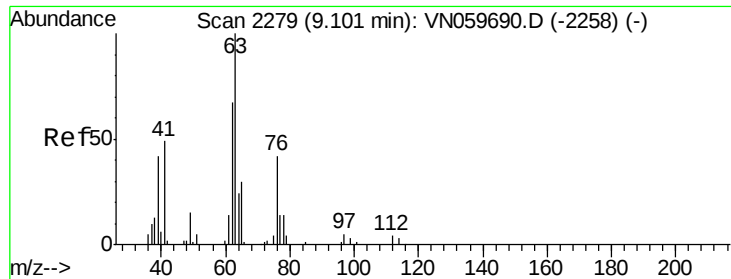
Tgt Ion: 130 Resp: 104359

Ion Ratio Lower Upper

130 100

95 96.7 0.0 207.0





#45

1,2-Dichloropropane

Concen: 53.86 ug/l

RT: 9.10 min Scan# 2278

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

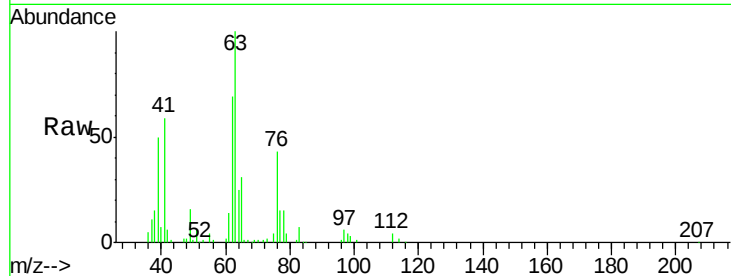
VSTDCCC050EC

Tgt Ion: 63 Resp: 100799

Ion Ratio Lower Upper

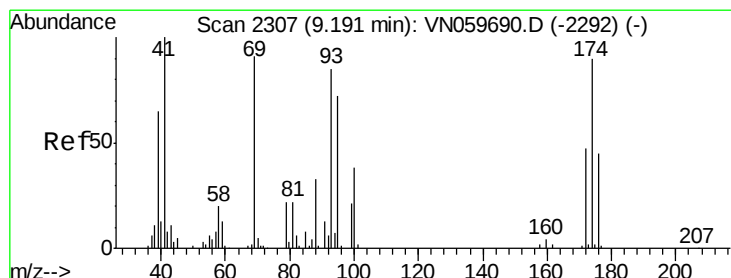
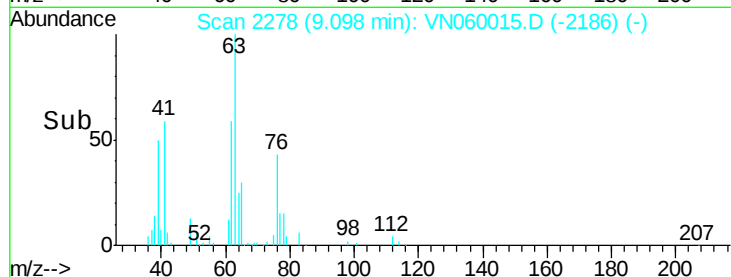
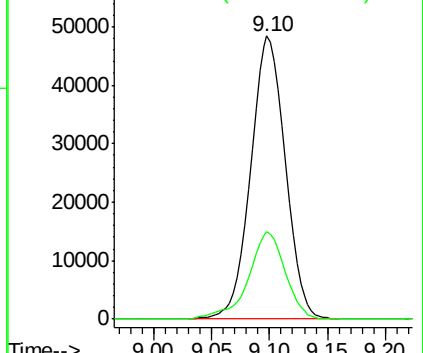
63 100

65 30.7 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 52.67 ug/l

RT: 9.19 min Scan# 2306

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

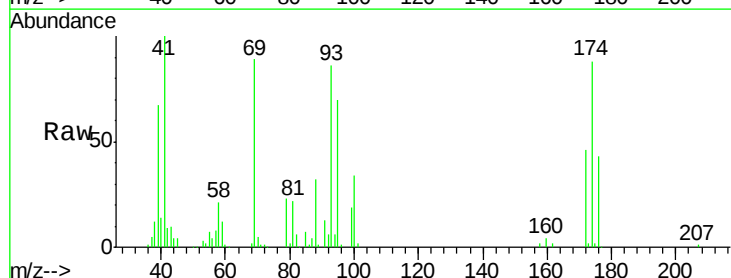
Tgt Ion: 93 Resp: 69534

Ion Ratio Lower Upper

93 100

95 83.3 67.0 100.6

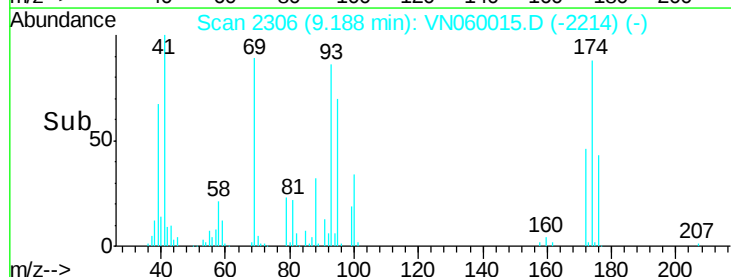
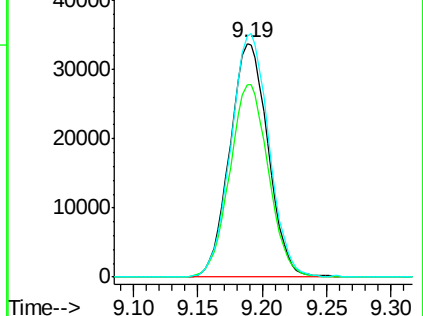
174 103.7 73.4 110.2

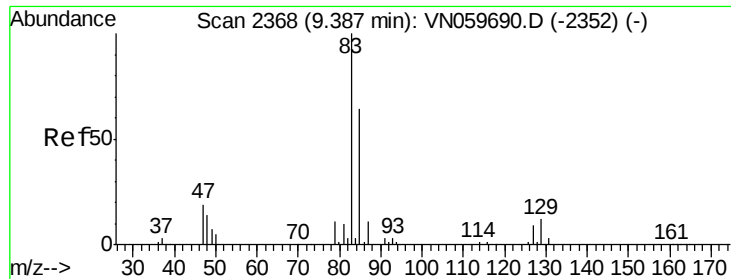


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

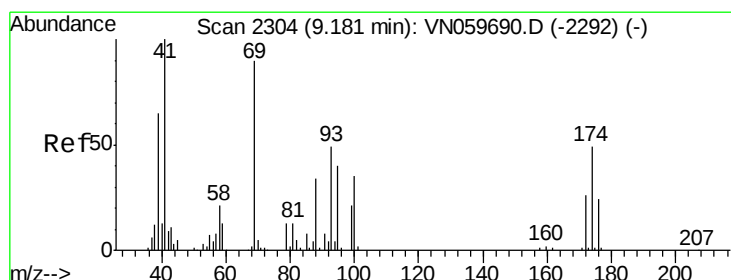
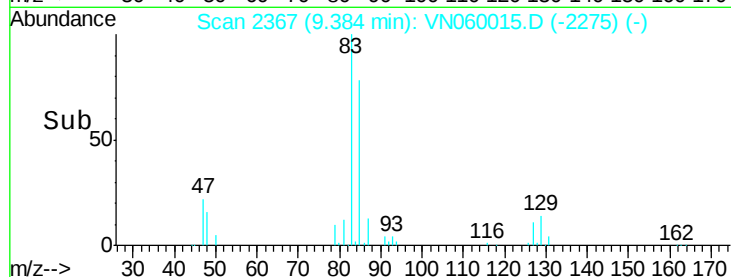
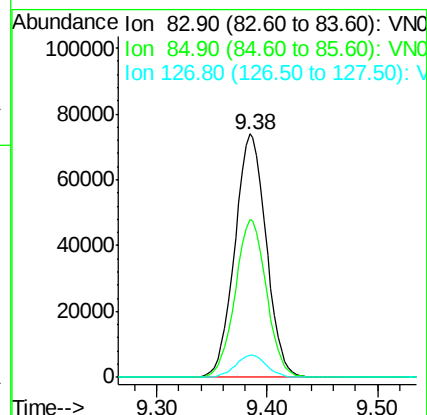
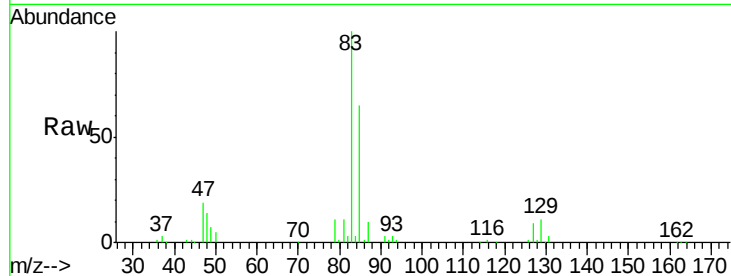




#47
 Bromodichloromethane
 Concen: 54.72 ug/l
 RT: 9.38 min Scan# 2367
 Delta R.T. -0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

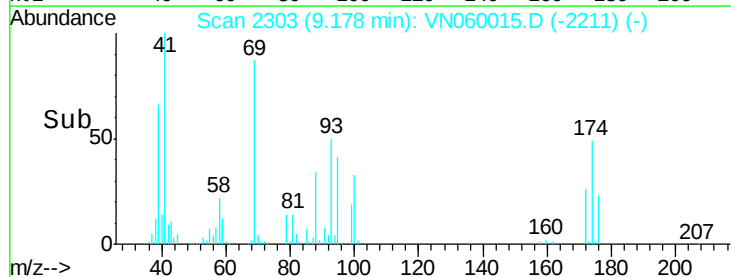
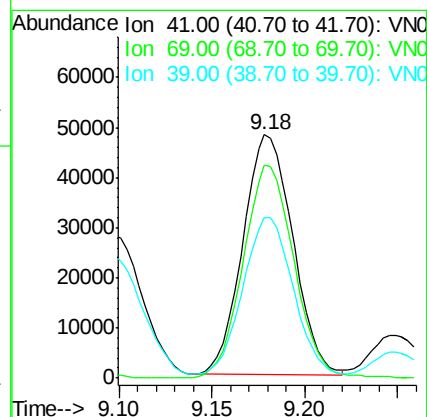
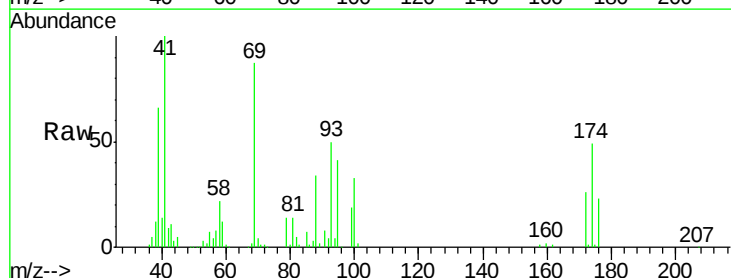
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 83 Resp: 145580
 Ion Ratio Lower Upper
 83 100
 85 64.8 51.1 76.7
 127 8.9 6.6 9.8



#48
 Methyl methacrylate
 Concen: 49.05 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion: 41 Resp: 89765
 Ion Ratio Lower Upper
 41 100
 69 90.1 64.4 96.6
 39 68.7 51.3 76.9

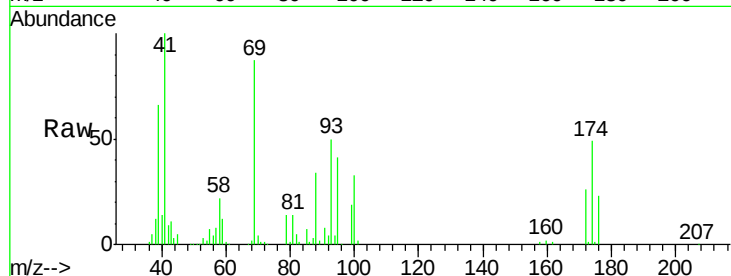




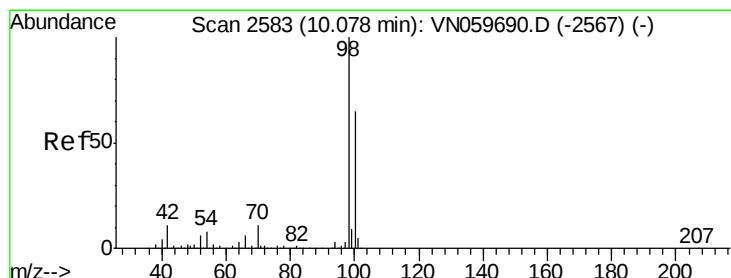
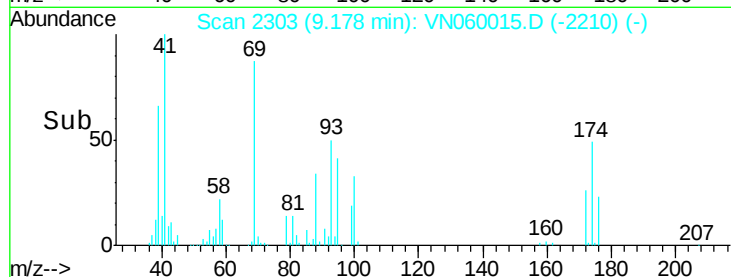
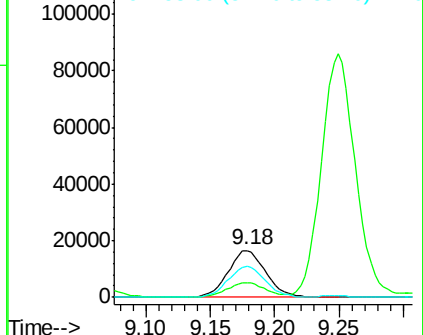
#49
1,4-Dioxane
Concen: 1009.79 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 33827
Ion Ratio Lower Upper
88 100
43 31.8 29.7 44.5
58 64.8 56.6 85.0

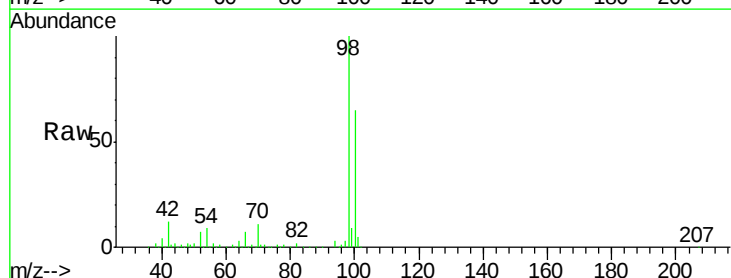


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

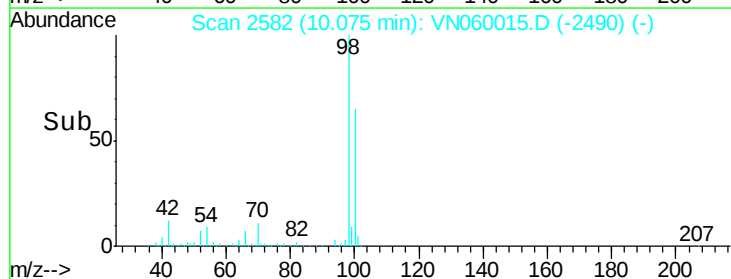
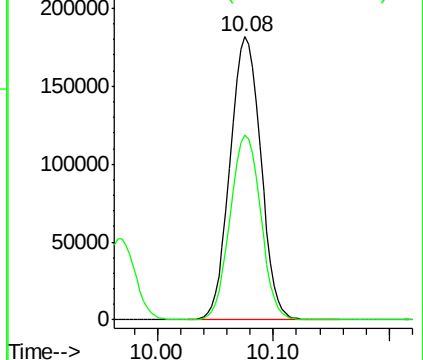


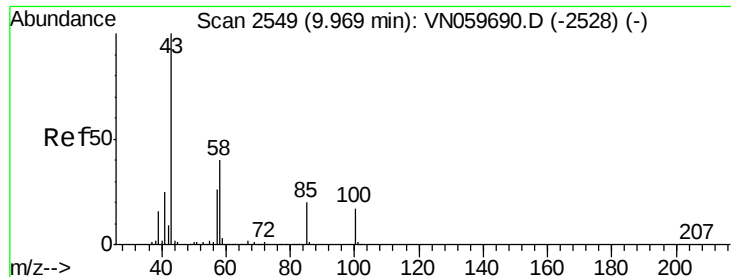
#50
Toluene-d8
Concen: 49.57 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion: 98 Resp: 333539
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



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

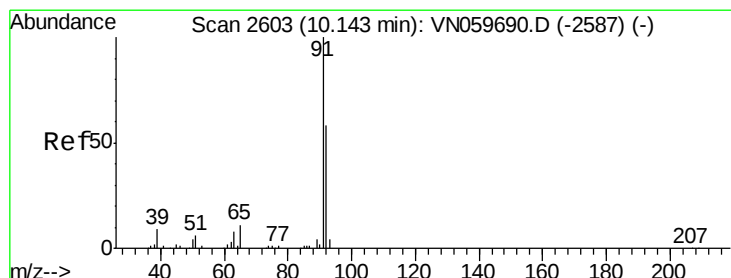
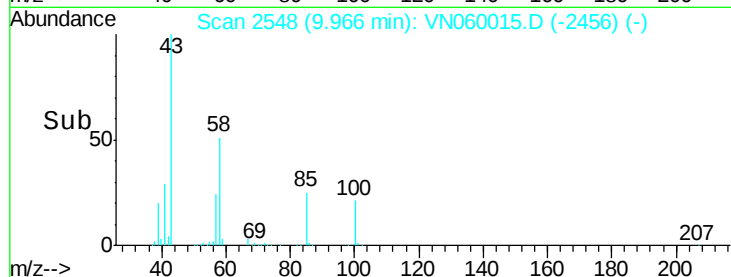
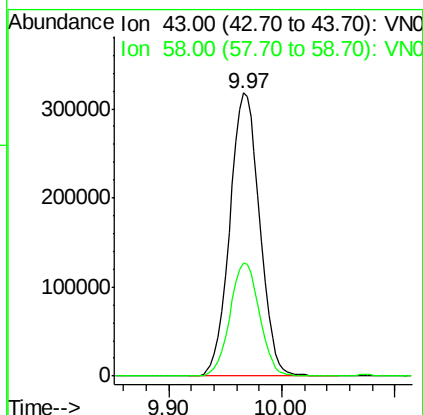
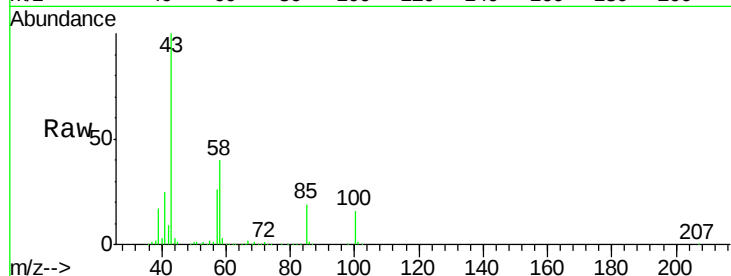




#51
 4-Methyl-2-Pentanone
 Concen: 246.64 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

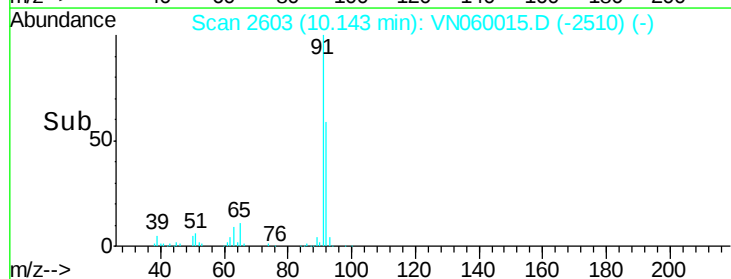
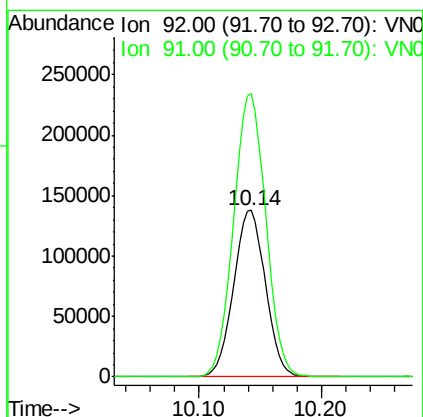
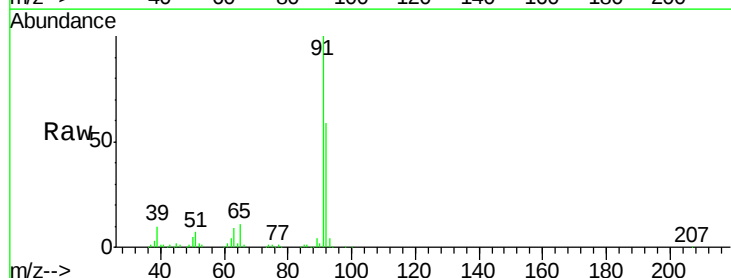
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

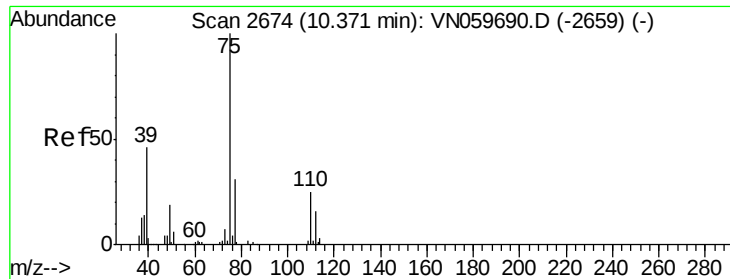
Tgt Ion: 43 Resp: 583275
 Ion Ratio Lower Upper
 43 100
 58 39.6 29.8 44.8



#52
 Toluene
 Concen: 52.13 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion: 92 Resp: 249032
 Ion Ratio Lower Upper
 92 100
 91 172.3 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 54.96 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

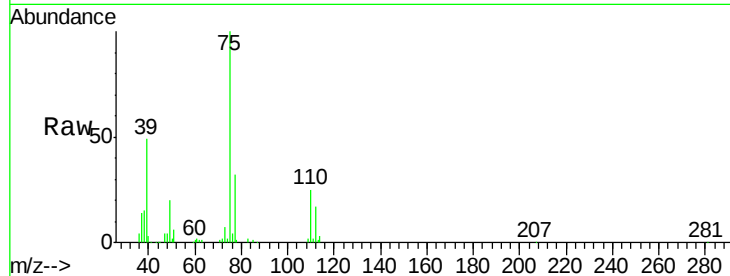
VSTDCCC050EC

Tgt Ion: 75 Resp: 163247

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

80000

60000

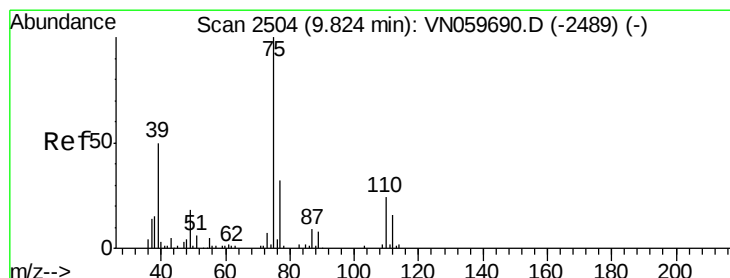
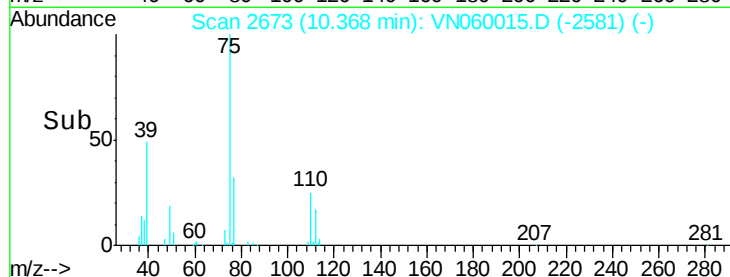
40000

20000

0

10.30 10.40

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.84 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

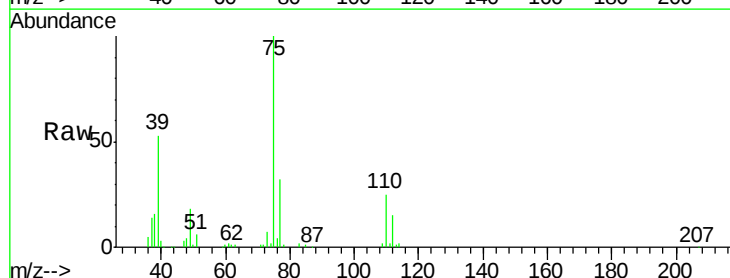
Tgt Ion: 75 Resp: 171386

Ion Ratio Lower Upper

75 100

77 32.5 25.1 37.7

39 52.5 46.1 69.1



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.82

120000

100000

80000

60000

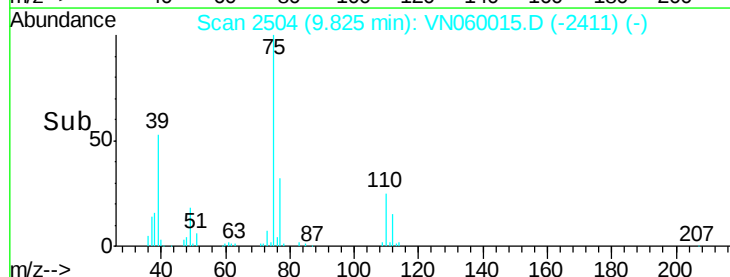
40000

20000

0

9.80 9.90

Time-->

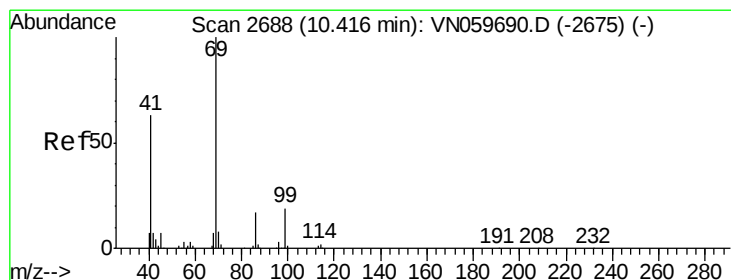
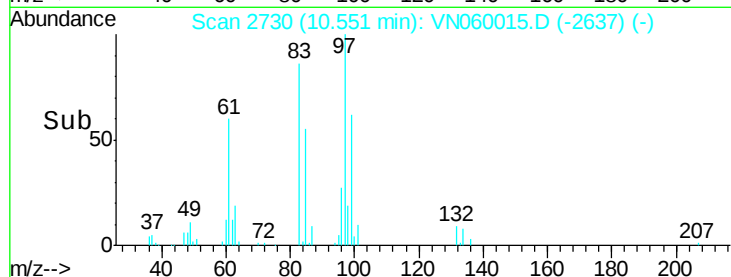
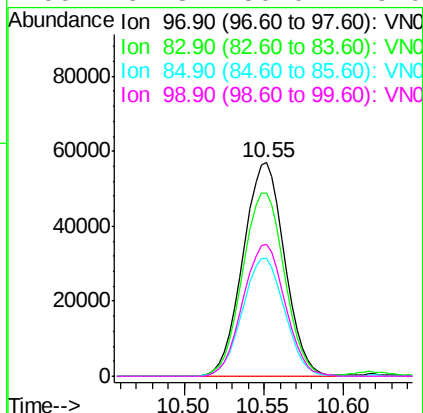
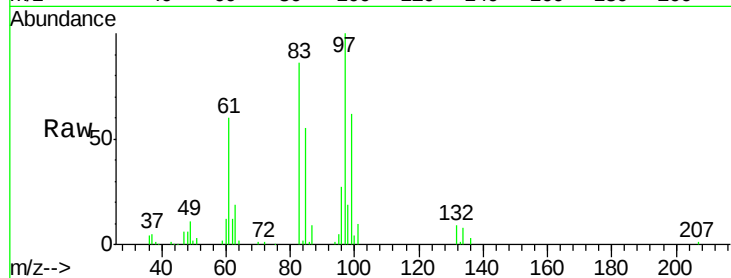




#55
 1,1,2-Trichloroethane
 Concen: 53.73 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

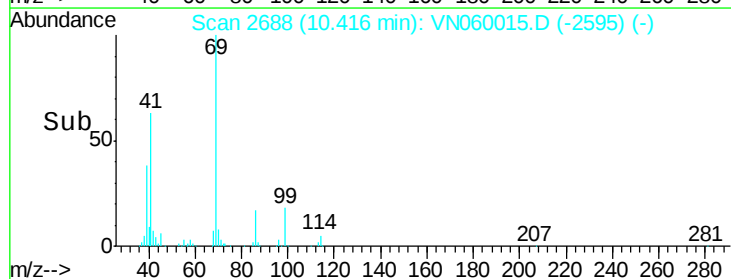
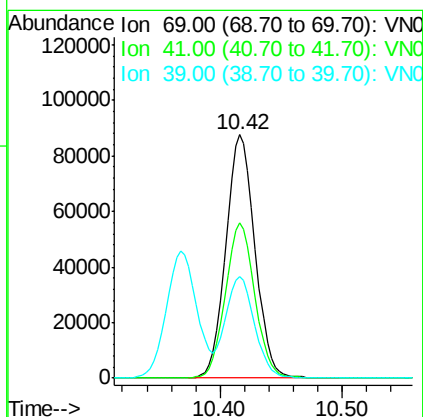
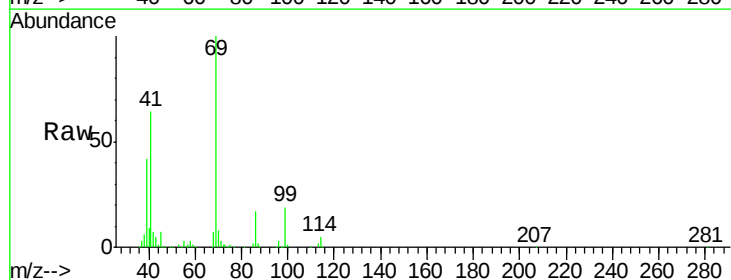
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

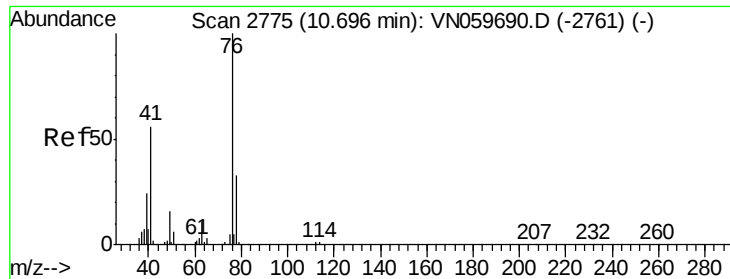
Tgt Ion: 97 Resp: 101654
 Ion Ratio Lower Upper
 97 100
 83 85.6 71.3 106.9
 85 55.0 45.8 68.8
 99 61.8 50.0 75.0



#56
 Ethyl methacrylate
 Concen: 50.60 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion: 69 Resp: 146295
 Ion Ratio Lower Upper
 69 100
 41 63.8 57.1 85.7
 39 42.2 34.7 52.1

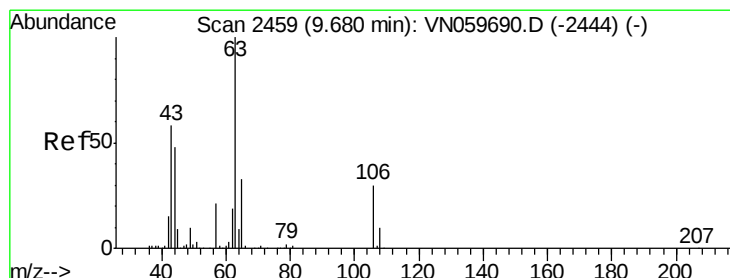
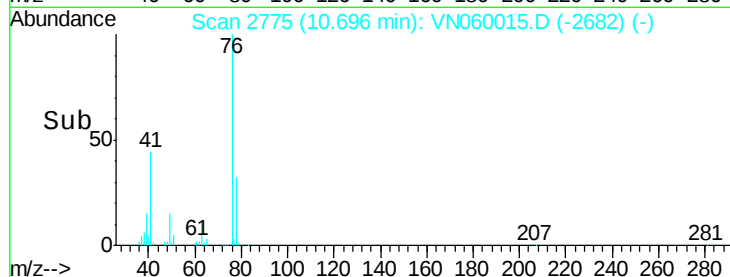
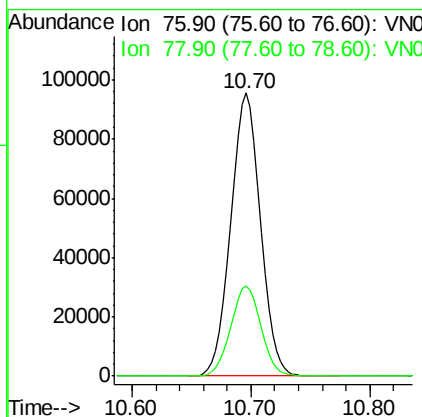
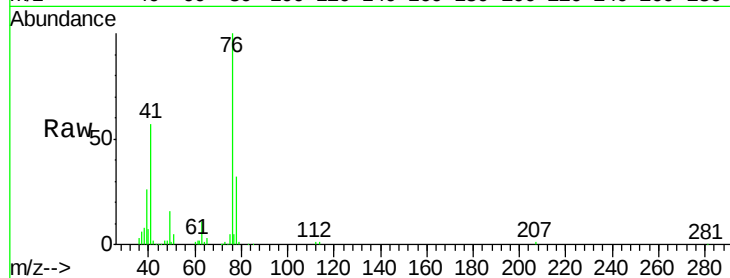




#57
 1,3-Dichloropropane
 Concen: 55.00 ug/l
 RT: 10.70 min Scan# 2775
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

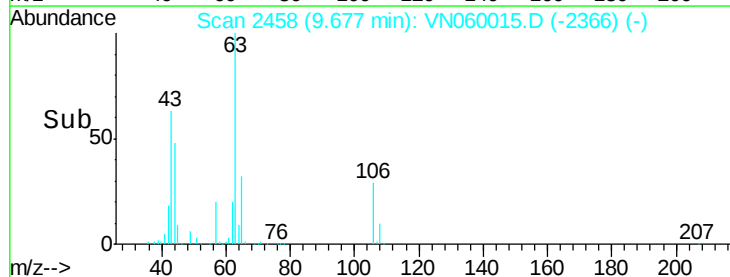
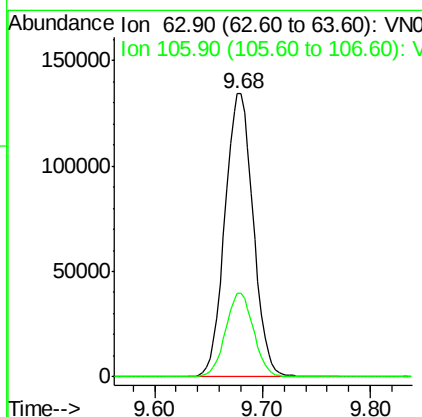
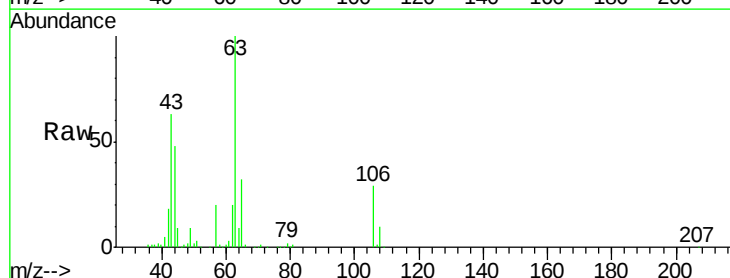
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

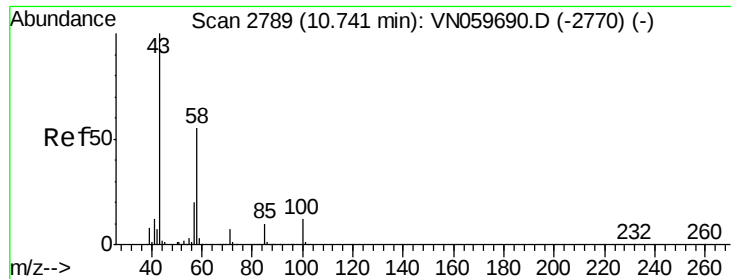
Tgt Ion: 76 Resp: 165195
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.02 ug/l
 RT: 9.68 min Scan# 2458
 Delta R.T. -0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion: 63 Resp: 245580
 Ion Ratio Lower Upper
 63 100
 106 29.2 20.2 30.2

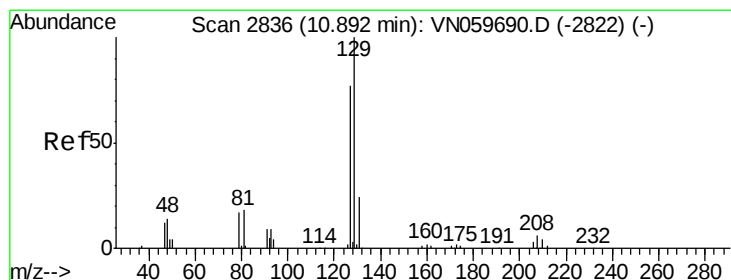
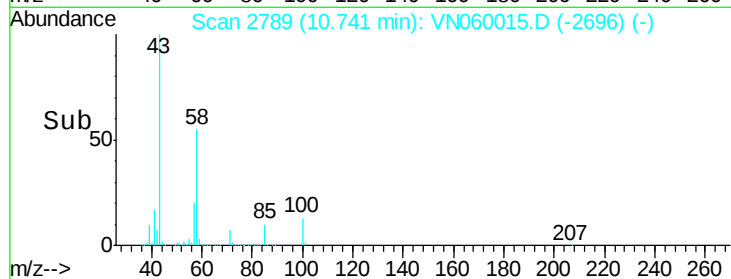
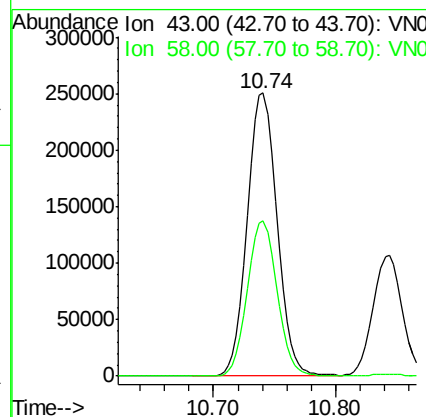
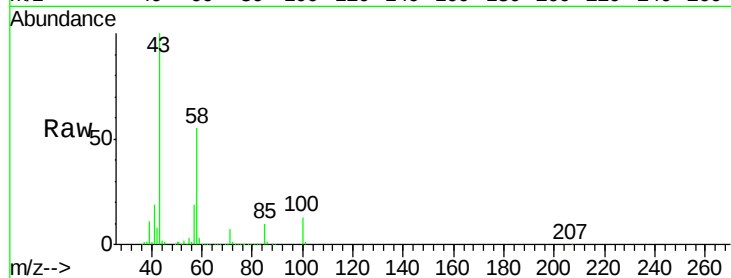




#59
2-Hexanone
Concen: 241.92 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

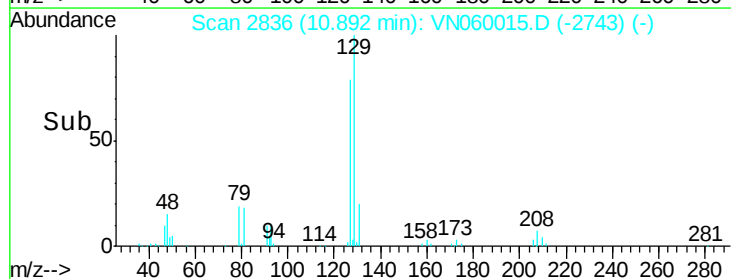
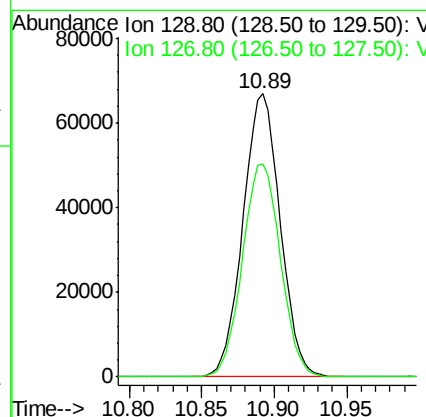
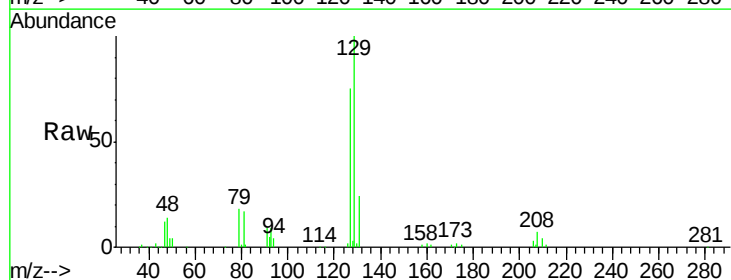
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

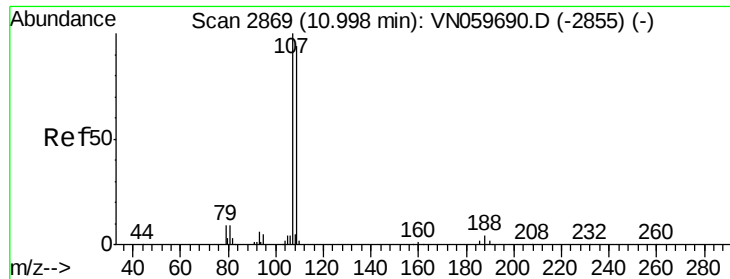
Tgt Ion: 43 Resp: 421476
Ion Ratio Lower Upper
43 100
58 54.7 25.8 77.3



#60
Dibromochloromethane
Concen: 55.61 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion: 129 Resp: 119806
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.71 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

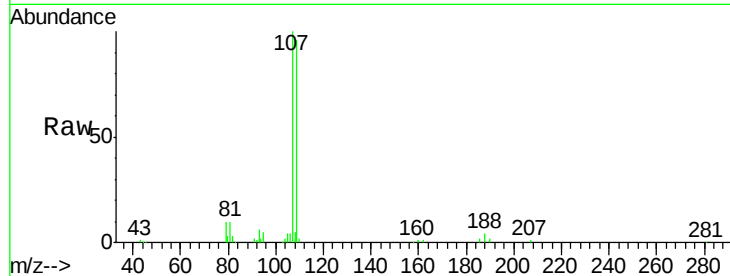
VSTDCCC050EC

Tgt Ion: 107 Resp: 104521

Ion Ratio Lower Upper

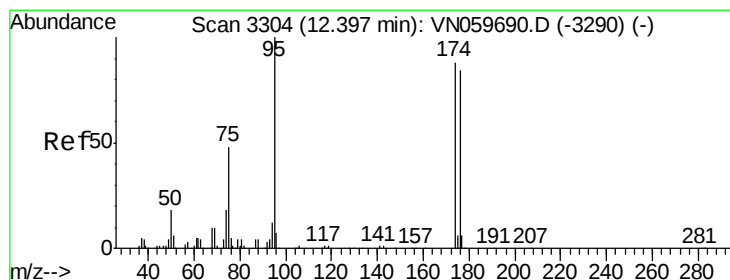
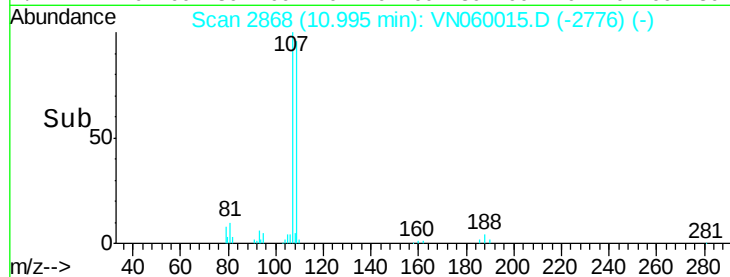
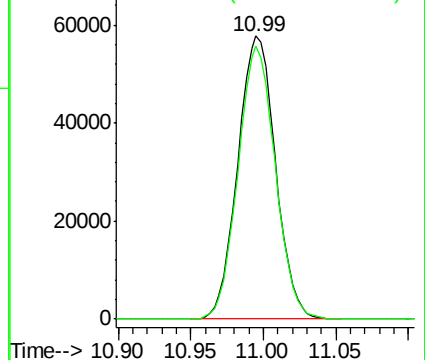
107 100

109 95.3 76.6 115.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.42 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

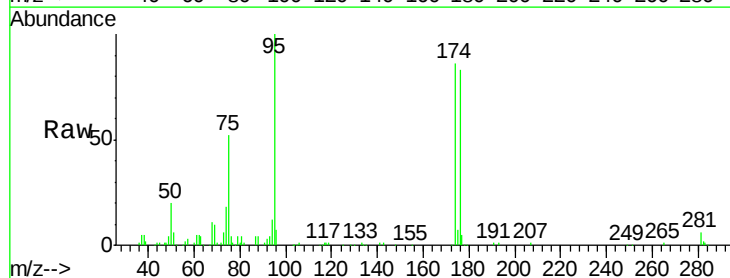
Tgt Ion: 95 Resp: 129576

Ion Ratio Lower Upper

95 100

174 84.9 0.0 151.4

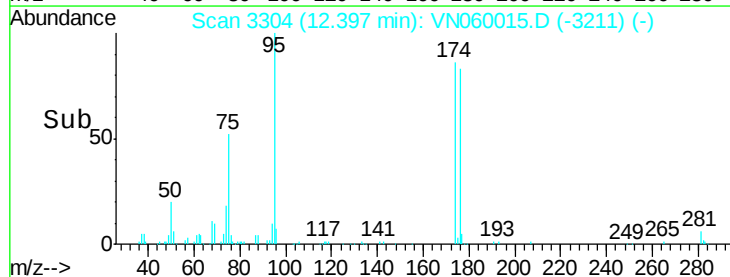
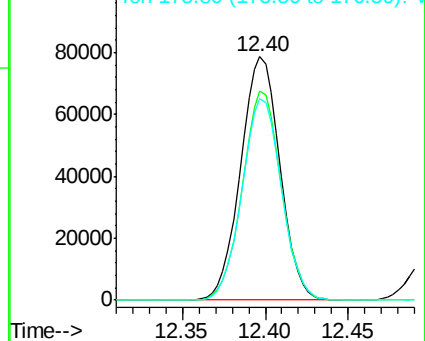
176 83.1 0.0 146.0

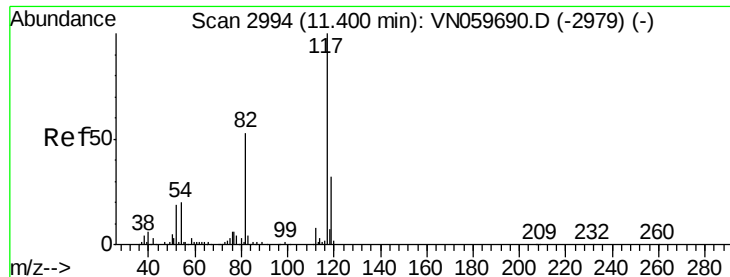


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

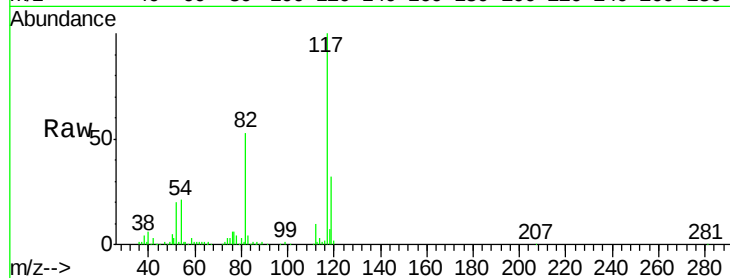
Tgt Ion:117 Resp: 273564

Ion Ratio Lower Upper

117 100

82 53.4 45.9 68.9

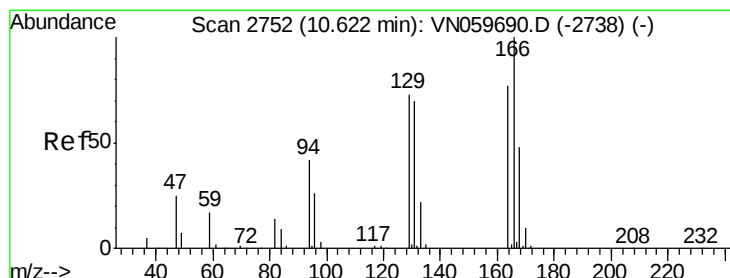
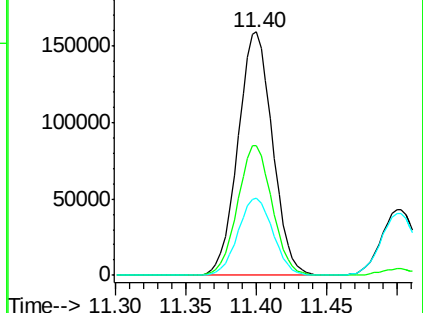
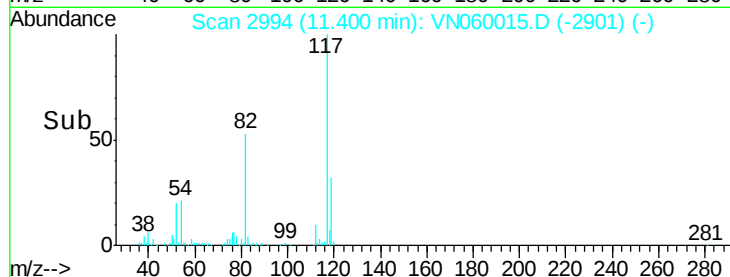
119 31.9 25.5 38.3



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: 40.97 ug/l

RT: 10.62 min Scan# 2751

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Tgt Ion:164 Resp: 91348

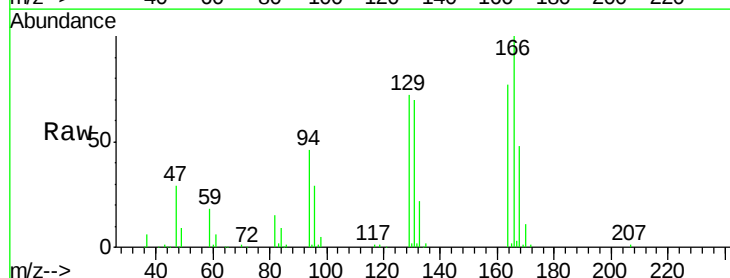
Ion Ratio Lower Upper

164 100

166 130.5 101.4 152.0

129 94.0 80.2 120.4

131 91.9 75.0 112.4

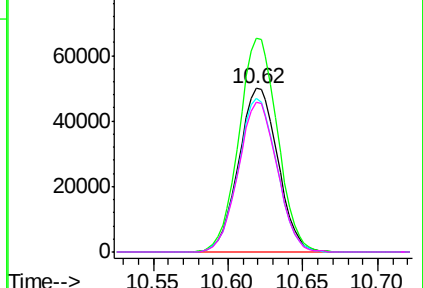
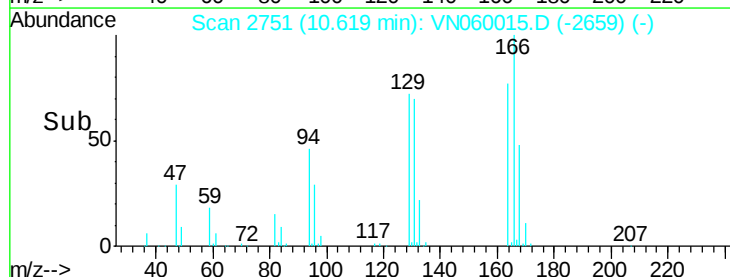


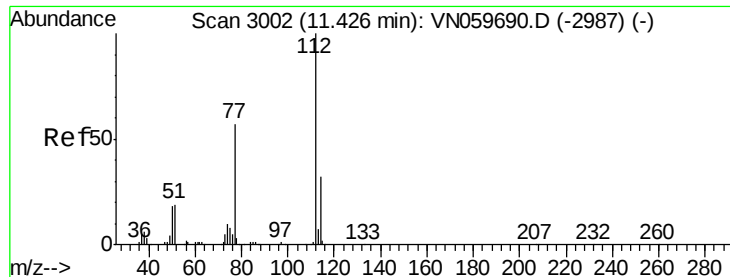
Abundance Ion 163.80 (163.50 to 164.50): V

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: 51.64 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

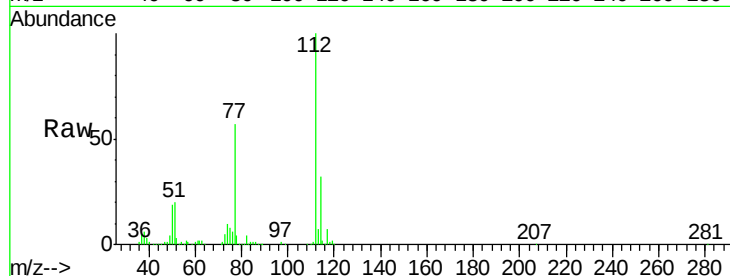
VSTDCCC050EC

Tgt Ion:112 Resp: 277671

Ion Ratio Lower Upper

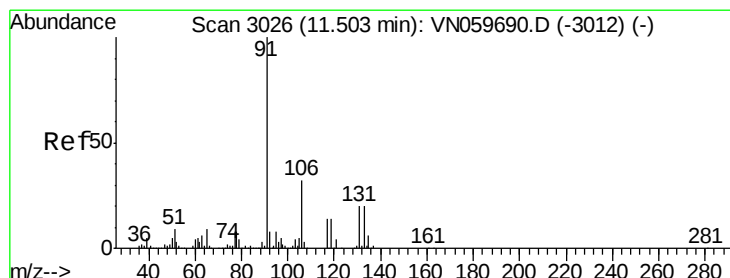
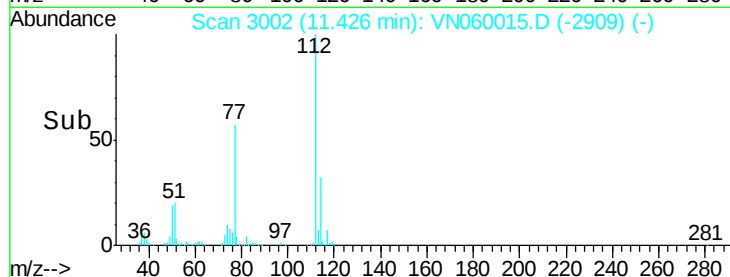
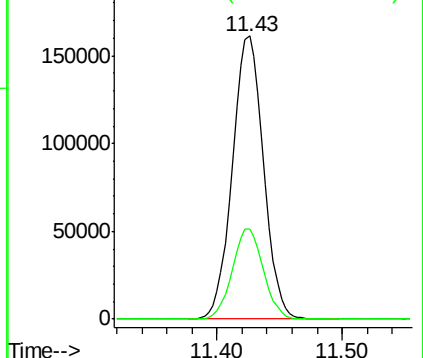
112 100

114 31.8 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.98 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

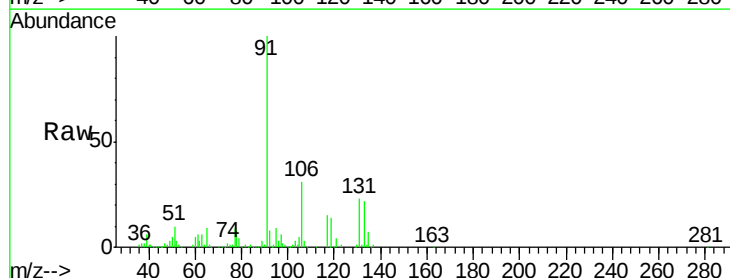
Tgt Ion:131 Resp: 110072

Ion Ratio Lower Upper

131 100

133 95.5 47.4 142.2

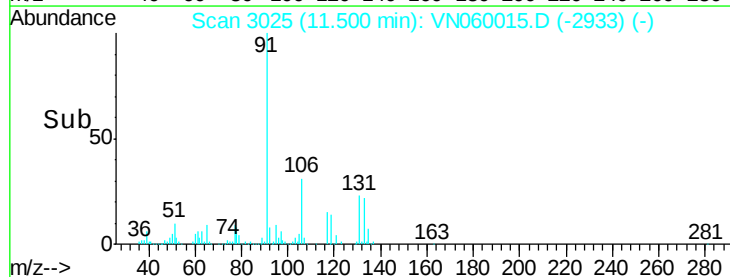
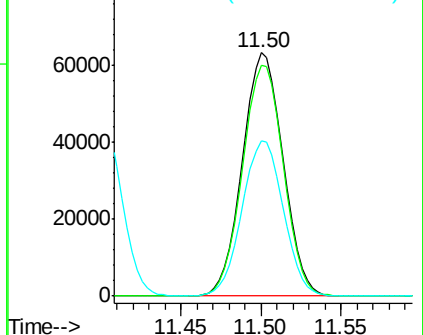
119 64.8 33.1 99.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.73 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

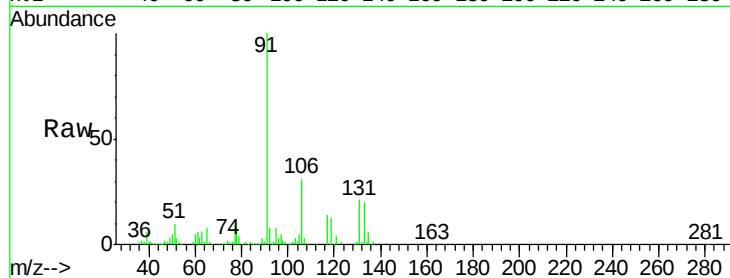
VSTDCCC050EC

Tgt Ion: 91 Resp: 495171

Ion Ratio Lower Upper

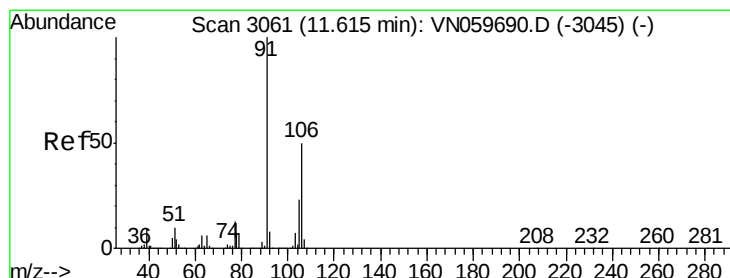
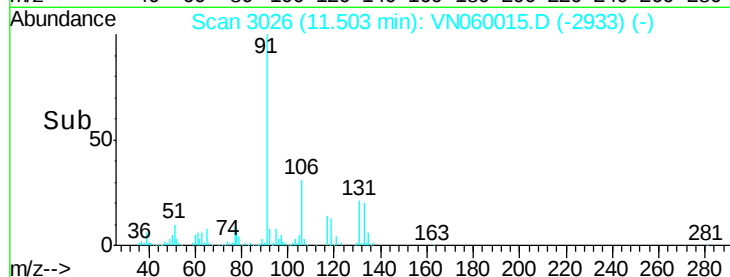
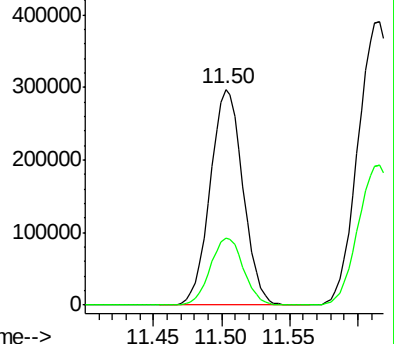
91 100

106 31.2 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 101.92 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060015.D

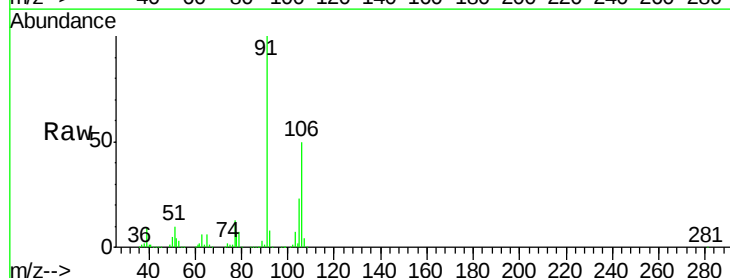
Acq: 6 Feb 2020 16:46

Tgt Ion: 106 Resp: 375809

Ion Ratio Lower Upper

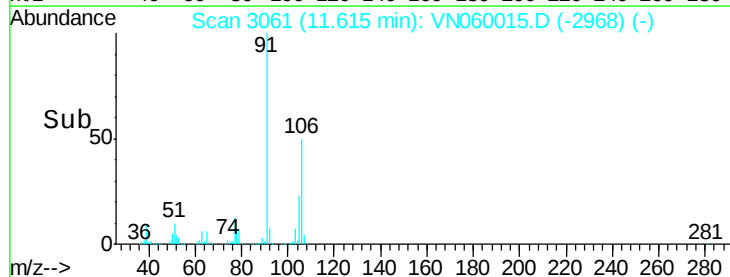
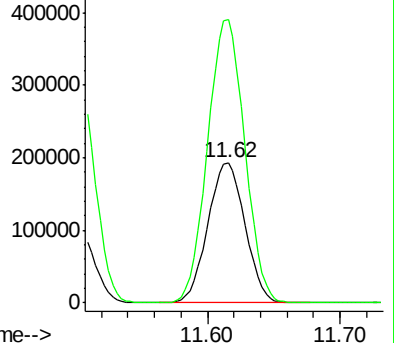
106 100

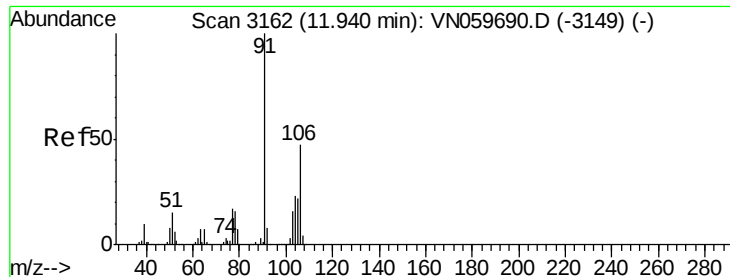
91 201.2 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

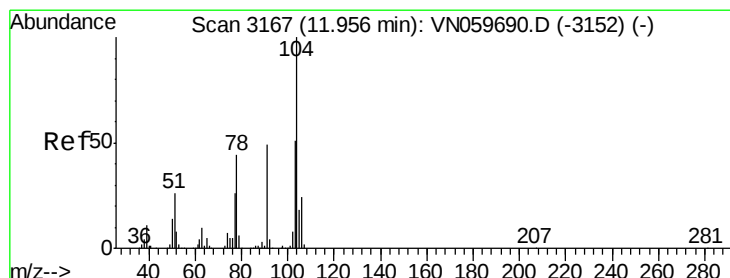
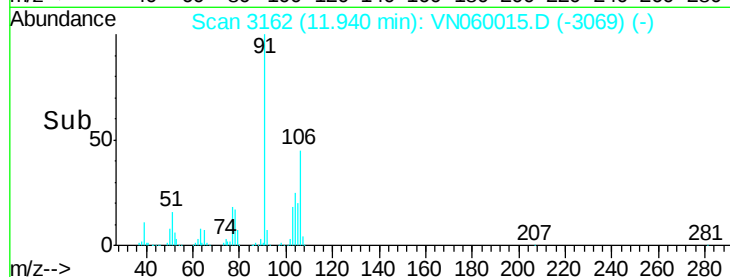
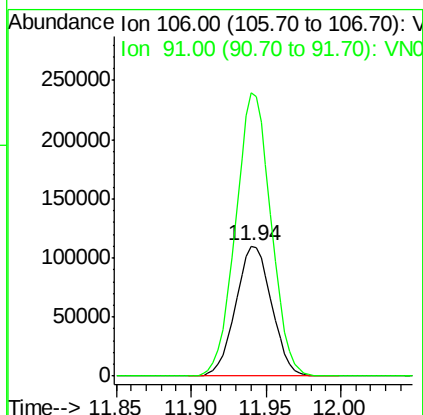
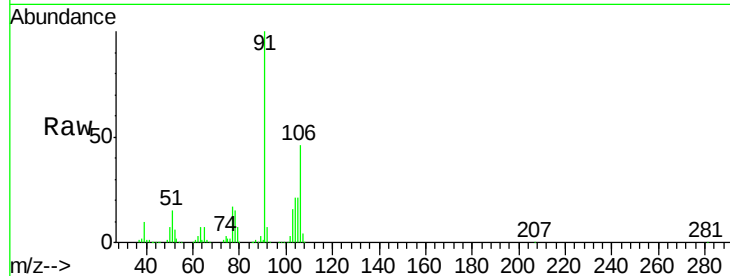




#69
o-Xylene
Concen: 50.94 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

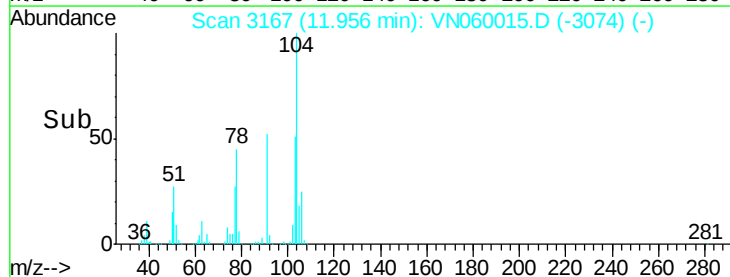
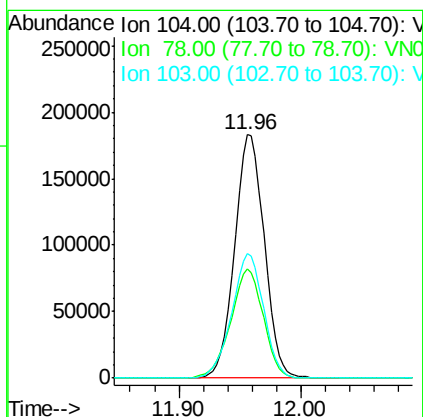
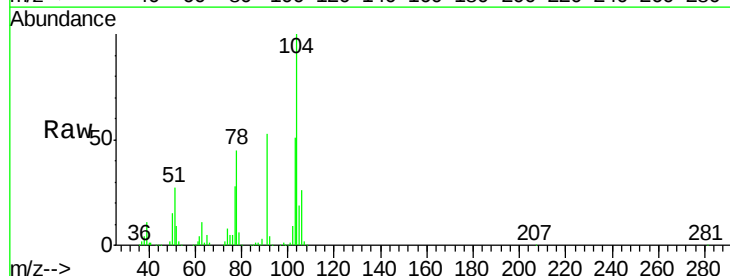
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

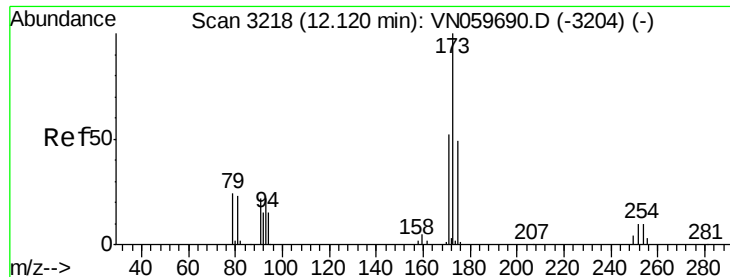
Tgt Ion:106 Resp: 183876
Ion Ratio Lower Upper
106 100
91 213.9 110.3 330.9



#70
Styrene
Concen: 51.01 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion:104 Resp: 308098
Ion Ratio Lower Upper
104 100
78 49.2 42.4 63.6
103 55.0 43.9 65.9

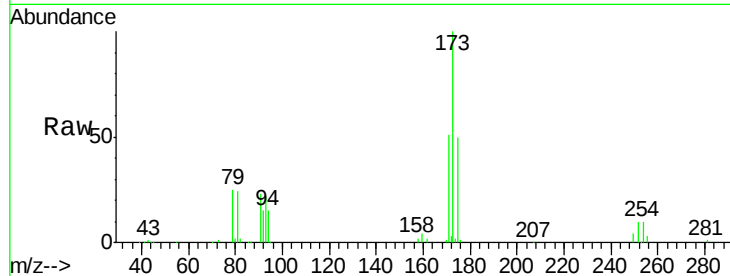




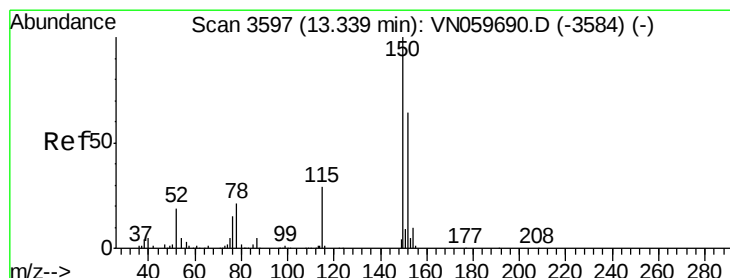
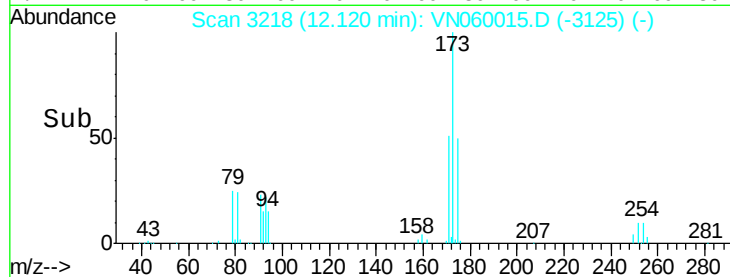
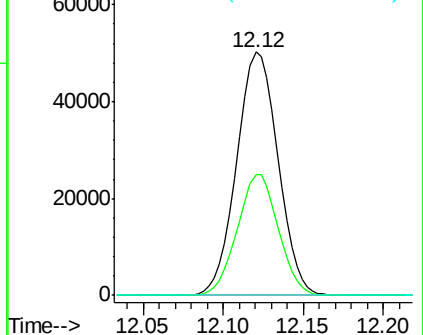
#71
Bromoform
Concen: 53.21 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:173 Resp: 88554
Ion Ratio Lower Upper
173 100
175 49.1 23.8 71.4
254 0.0 0.0 0.0

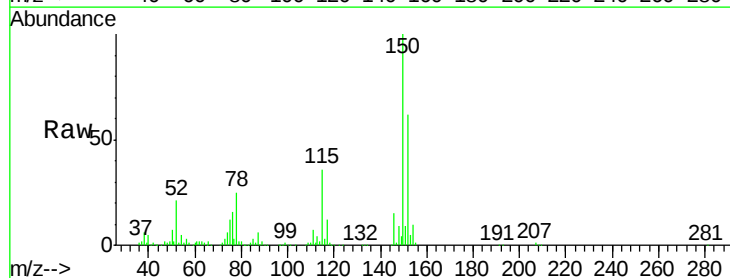


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

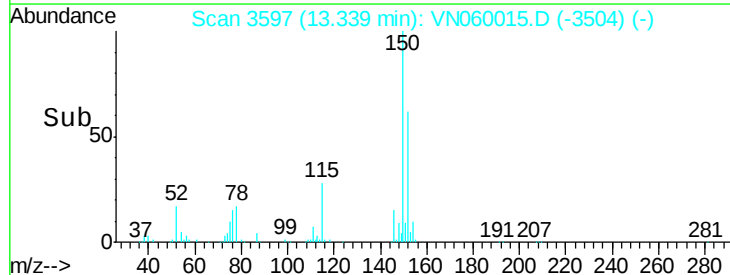
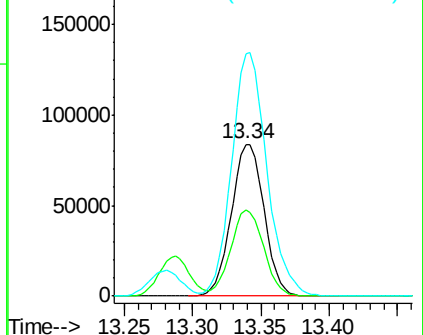


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion:152 Resp: 139660
Ion Ratio Lower Upper
152 100
115 57.7 30.3 90.9
150 172.2 0.0 345.2



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





#73

Isopropylbenzene

Concen: 49.15 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

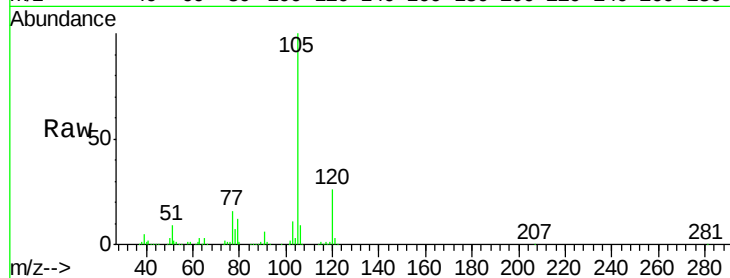
VSTDCCC050EC

Tgt Ion: 105 Resp: 503397

Ion Ratio Lower Upper

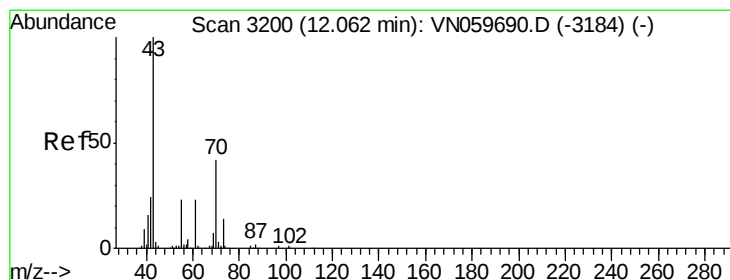
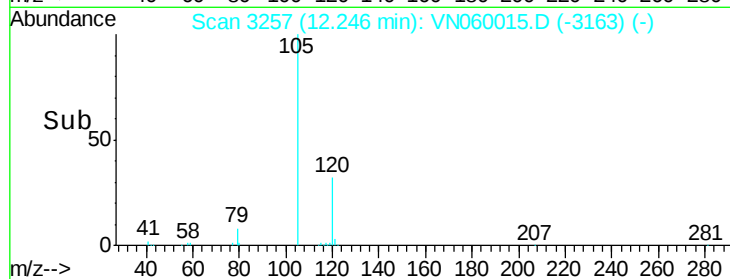
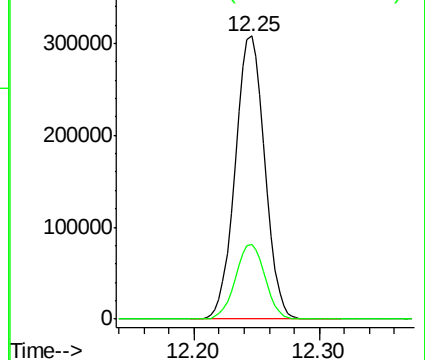
105 100

120 26.6 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: 46.24 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Tgt Ion: 43 Resp: 183796

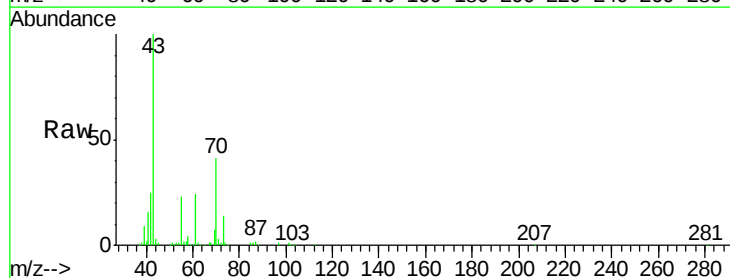
Ion Ratio Lower Upper

43 100

70 41.7 31.3 46.9

55 23.2 19.8 29.6

61 24.2 18.3 27.5

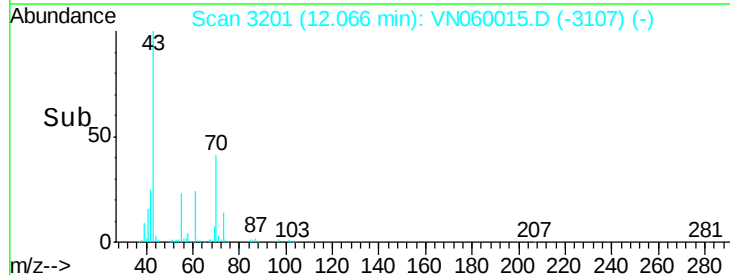
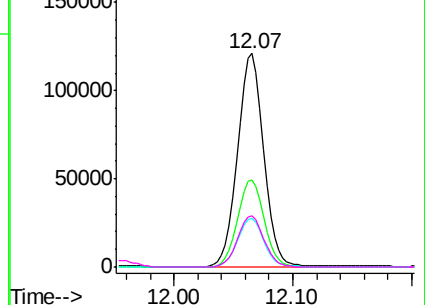


Abundance Ion 43.00 (42.70 to 43.70): V

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: 50.45 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

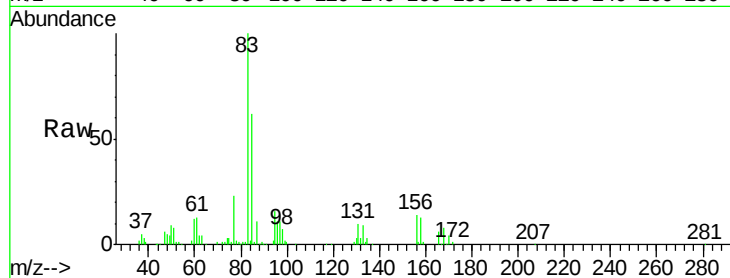
Tgt Ion: 83 Resp: 149802

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

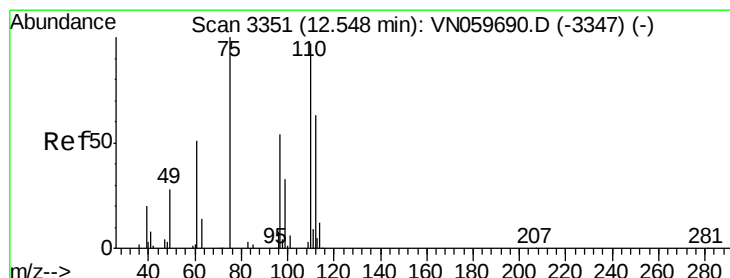
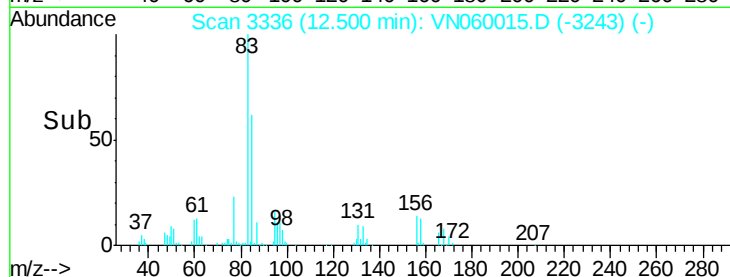
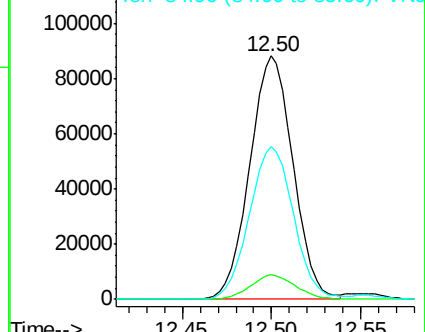
85 64.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 82.38 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060015.D

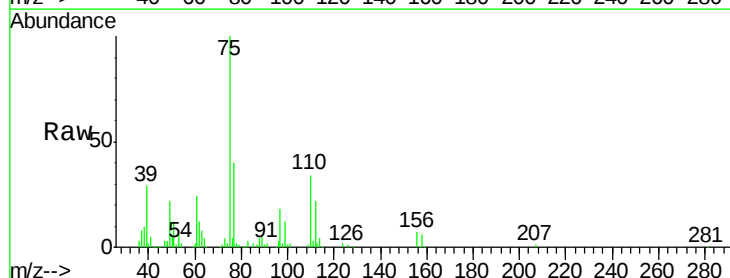
Acq: 6 Feb 2020 16:46

Tgt Ion: 75 Resp: 193611

Ion Ratio Lower Upper

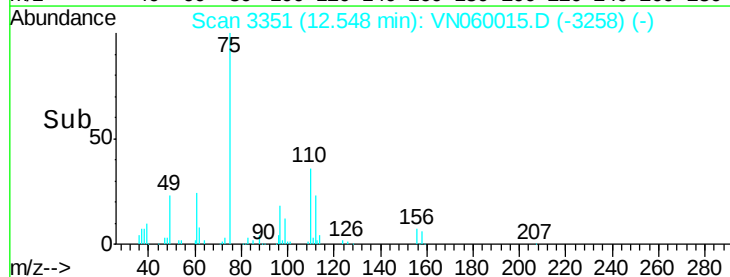
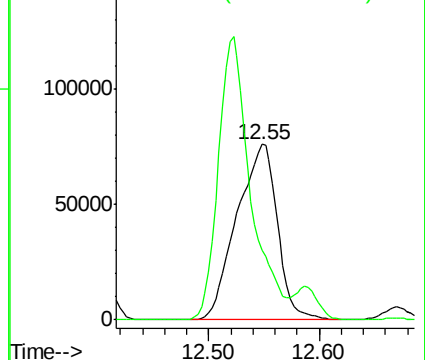
75 100

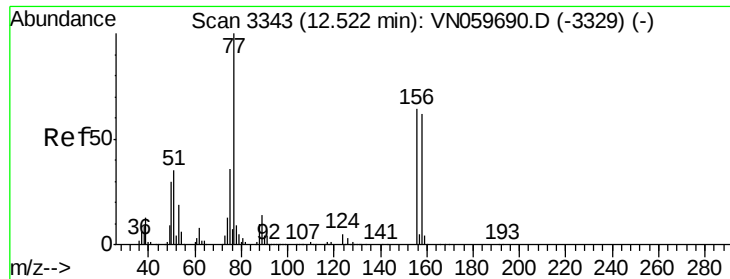
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 48.84 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN060015.D

Acq: 6 Feb 2020 16:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

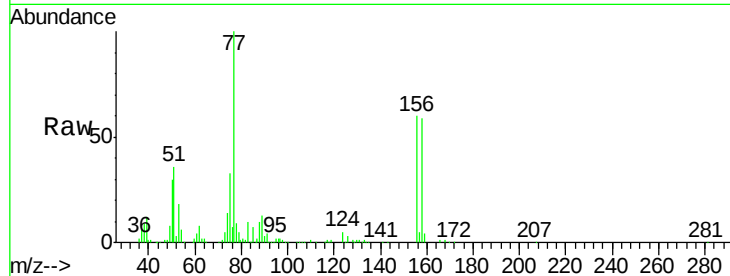
Tgt Ion:156 Resp: 126691

Ion Ratio Lower Upper

156 100

77 195.4 115.8 347.4

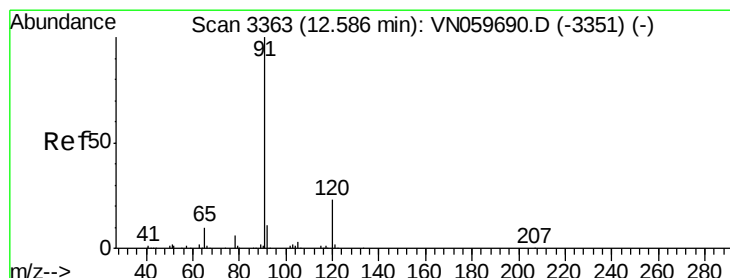
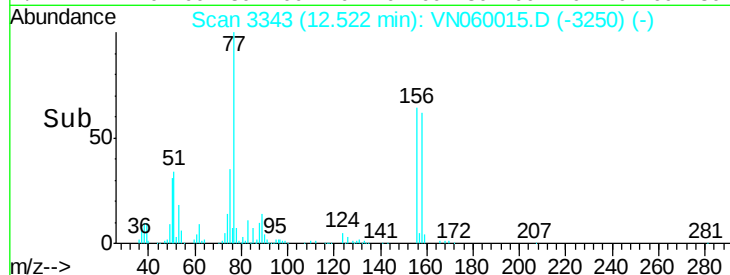
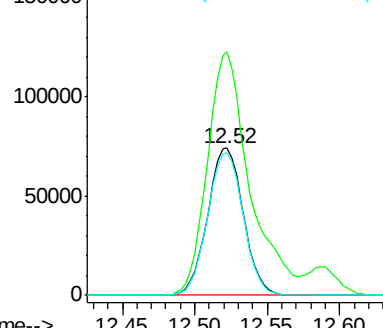
158 96.9 49.2 147.6



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: 49.79 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060015.D

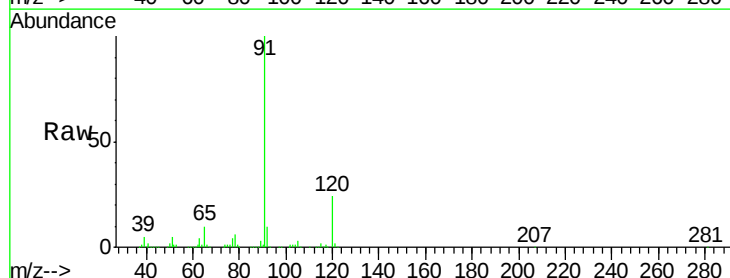
Acq: 6 Feb 2020 16:46

Tgt Ion: 91 Resp: 572441

Ion Ratio Lower Upper

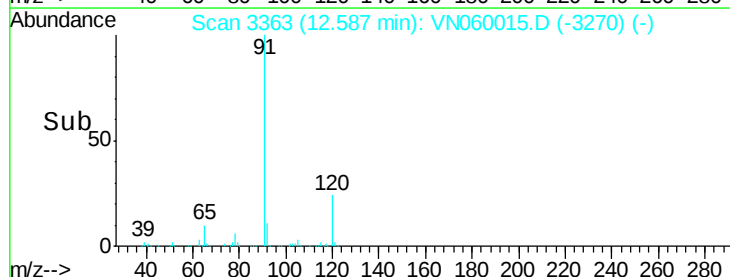
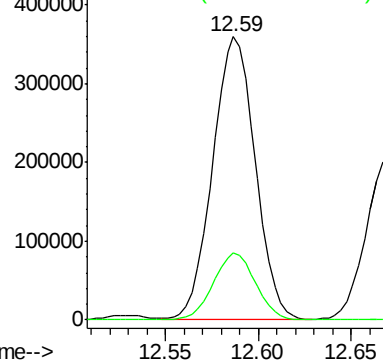
91 100

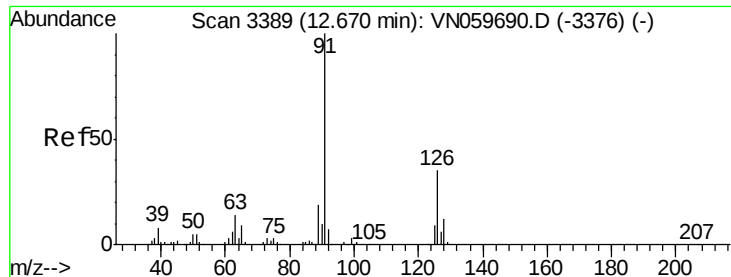
120 23.5 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

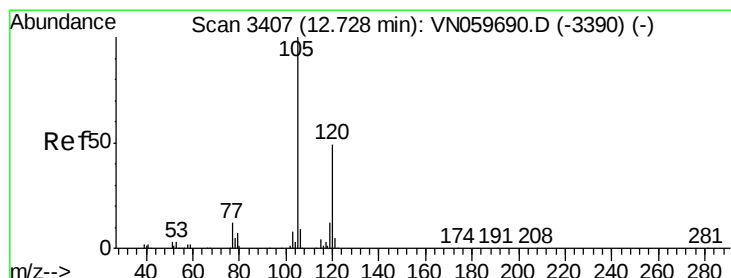
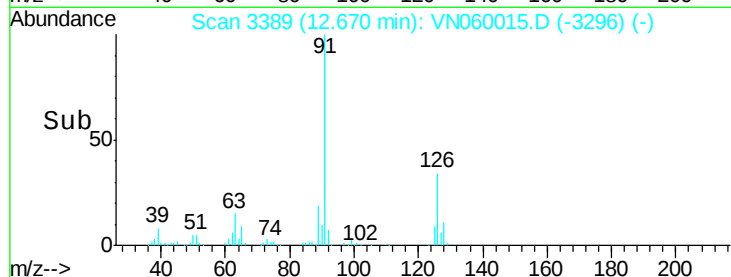
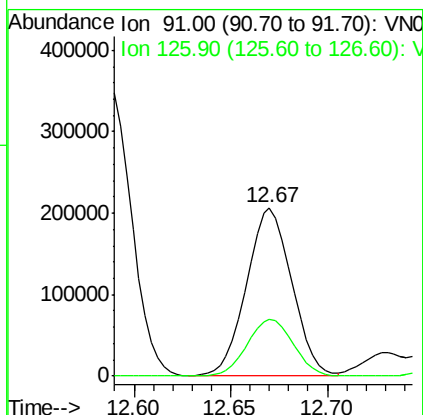
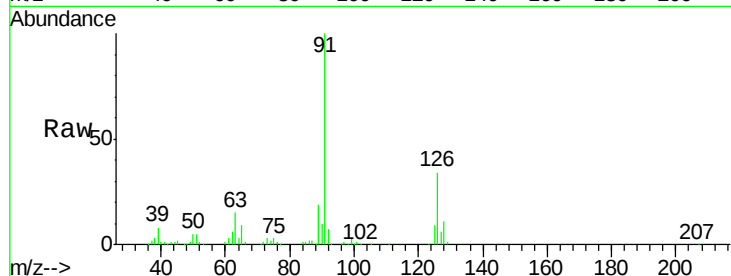




#79
 2-Chlorotoluene
 Concen: 49.05 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

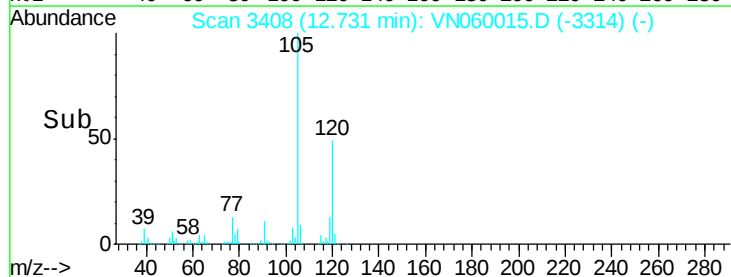
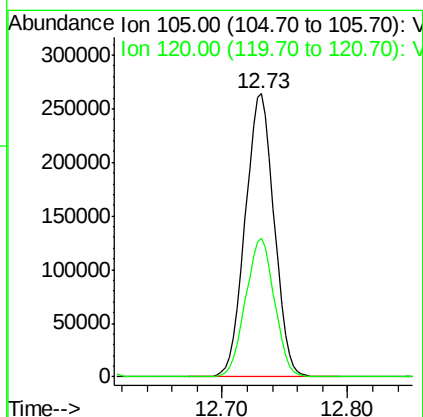
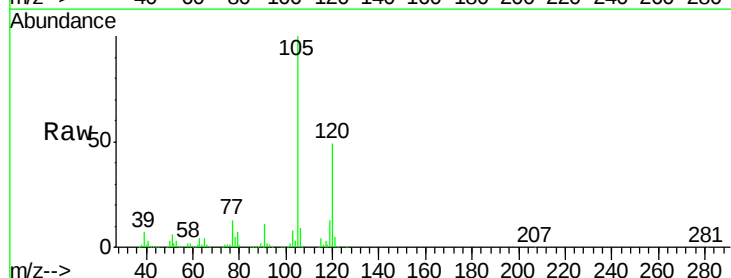
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

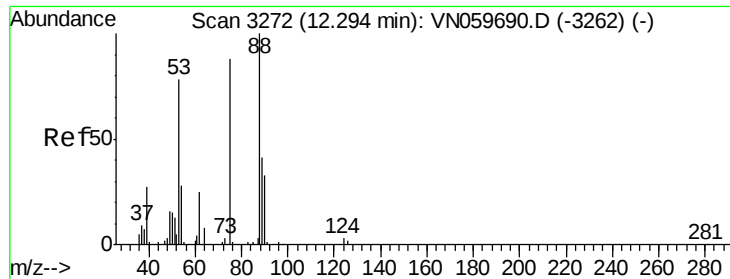
Tgt Ion: 91 Resp: 335464
 Ion Ratio Lower Upper
 91 100
 126 34.8 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 49.08 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion: 105 Resp: 422795
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.4

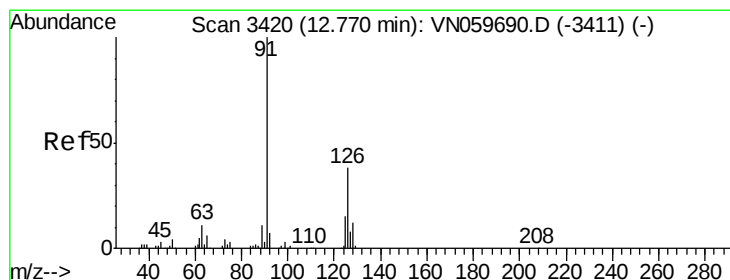
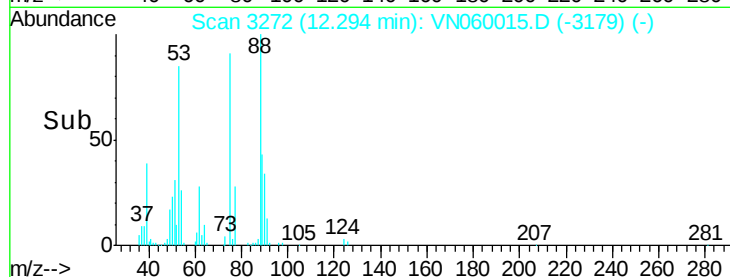
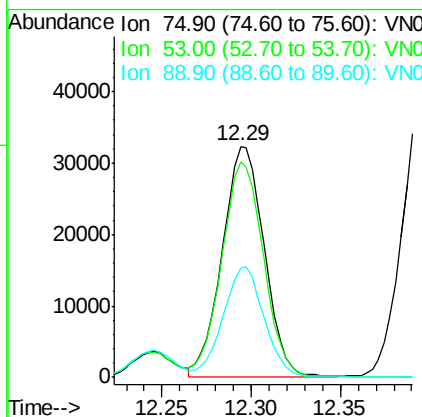
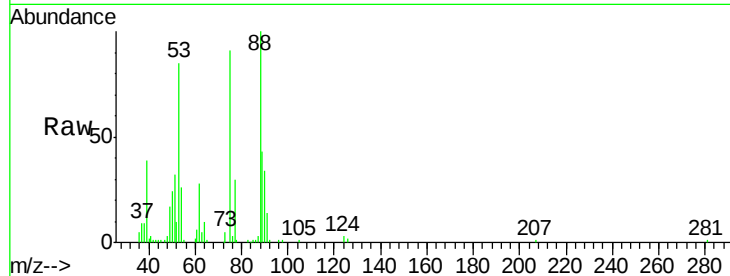




#81
trans-1,4-Dichloro-2-butene
Concen: 48.54 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

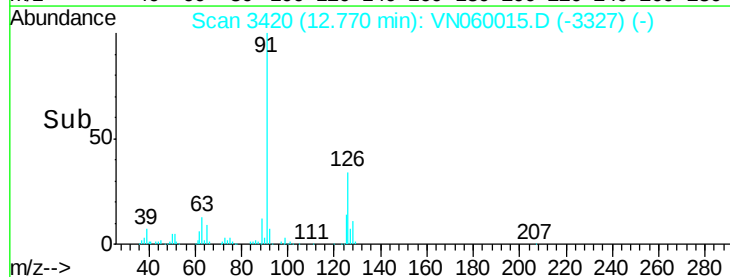
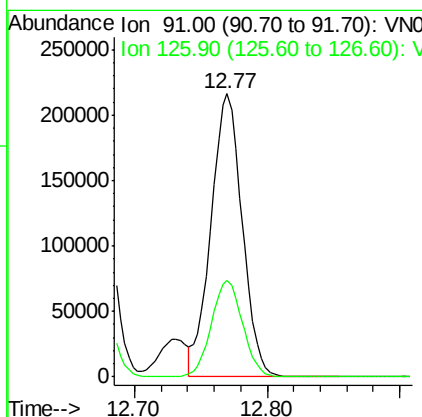
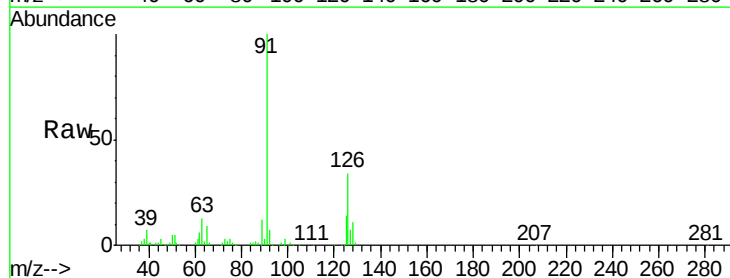
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 53129
Ion Ratio Lower Upper
75 100
53 93.5 78.1 117.1
89 46.6 35.4 53.2



#82
4-Chlorotoluene
Concen: 51.34 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion: 91 Resp: 352207
Ion Ratio Lower Upper
91 100
126 34.1 16.3 48.8

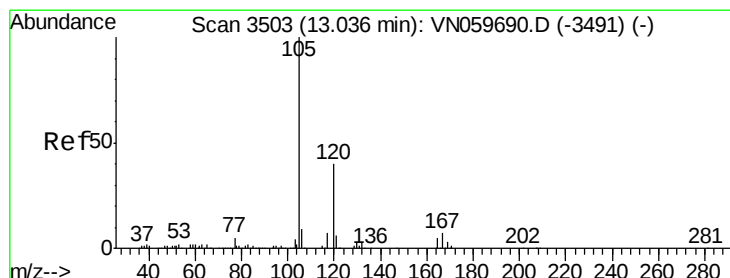
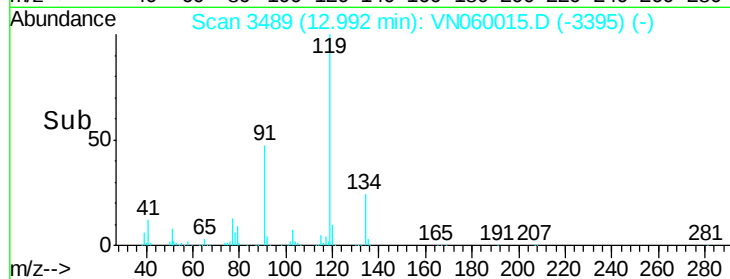
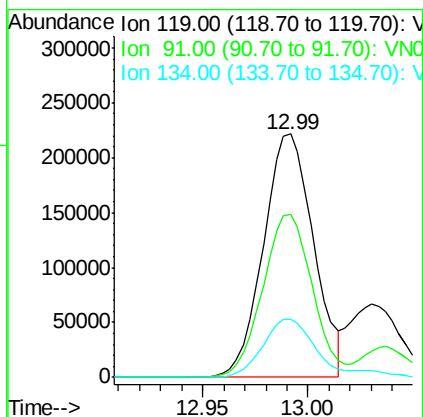
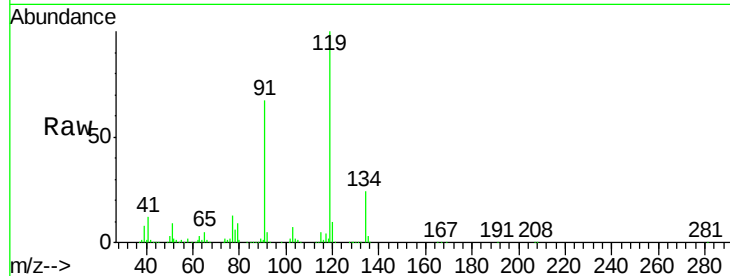




#83
 tert-Butylbenzene
 Concen: 49.19 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

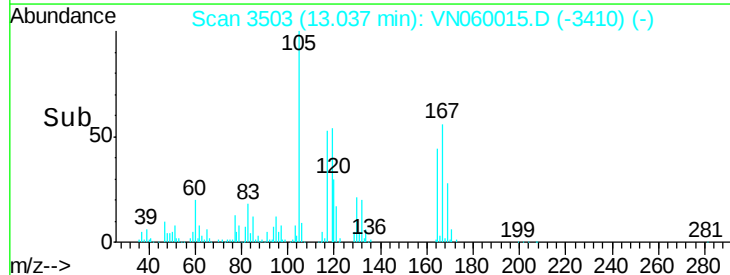
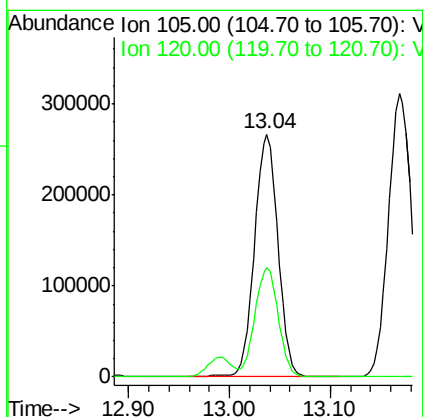
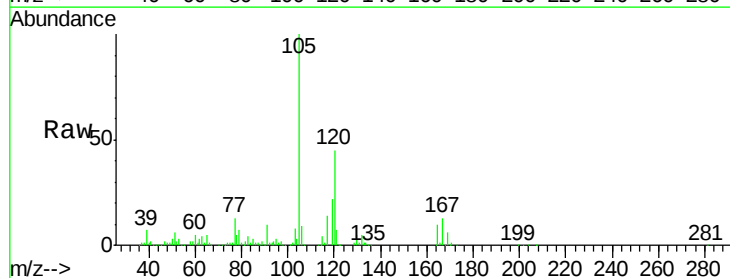
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:119 Resp: 366483
 Ion Ratio Lower Upper
 119 100
 91 66.2 34.8 104.4
 134 26.4 12.3 36.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.12 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion:105 Resp: 427093
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.3 66.9

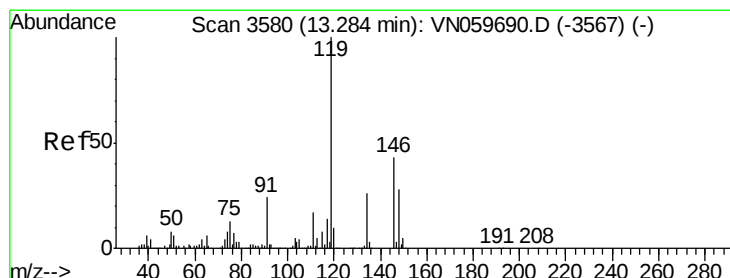
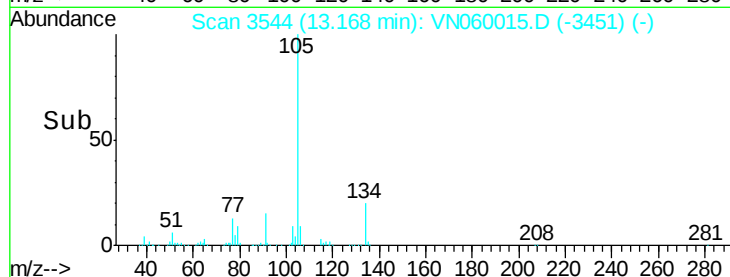
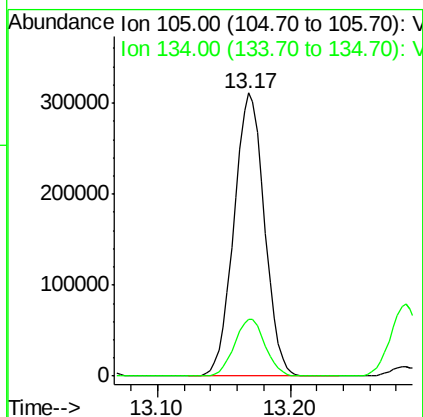
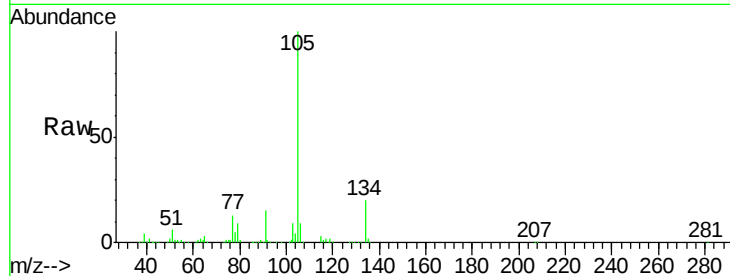




#85
 sec-Butylbenzene
 Concen: 50.67 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

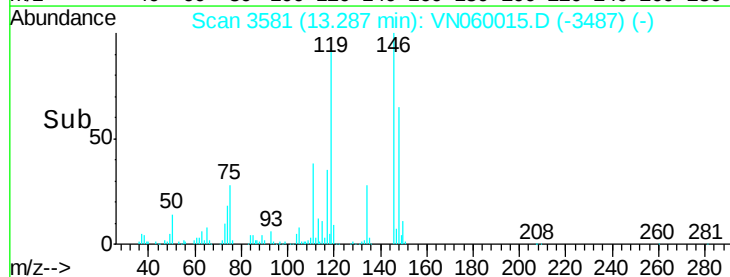
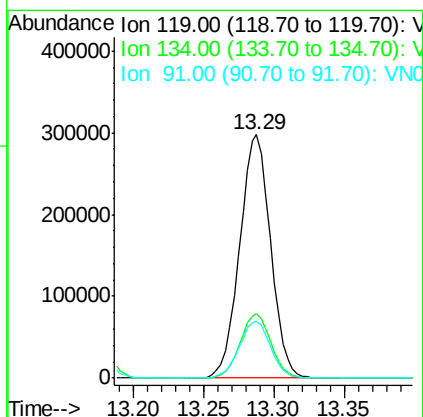
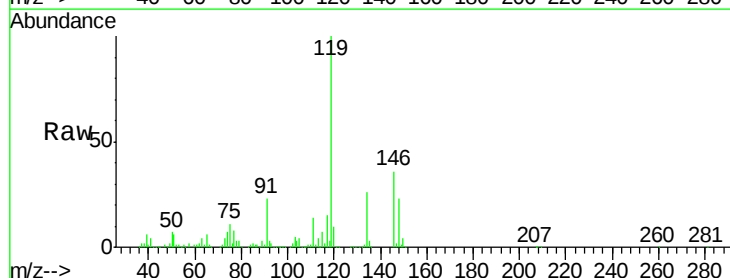
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 495976
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 50.34 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion:119 Resp: 455958
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.9 12.4 37.4

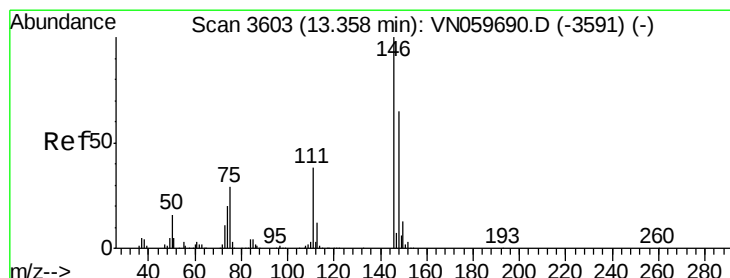
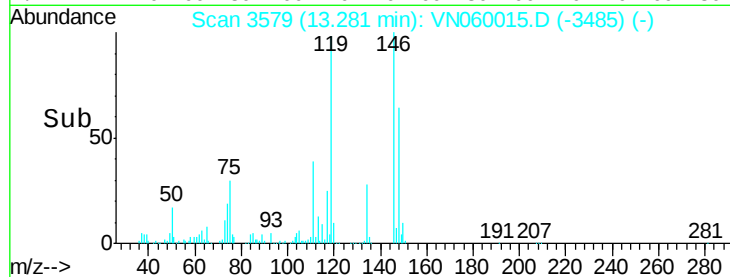
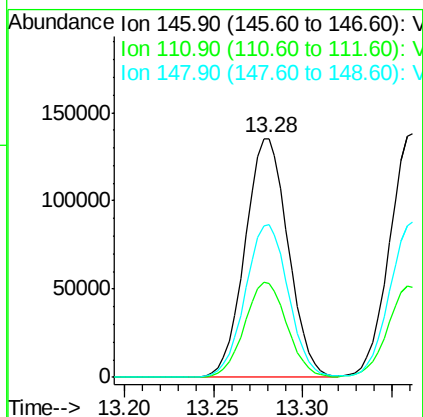
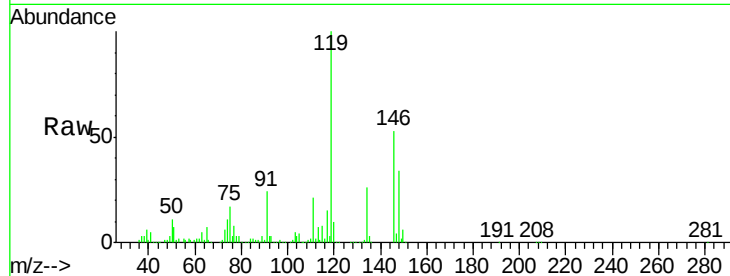




#87
 1,3-Dichlorobenzene
 Concen: 50.68 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

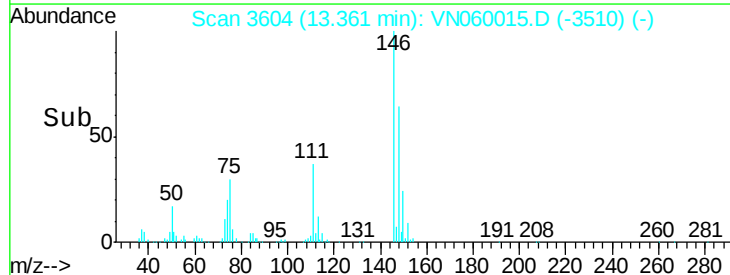
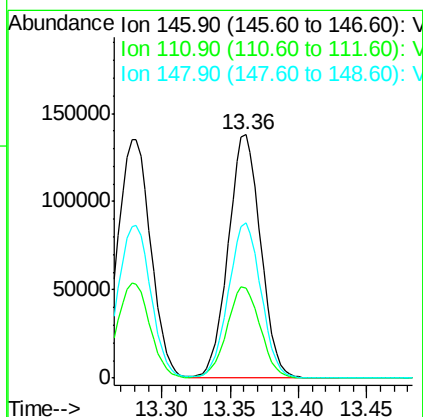
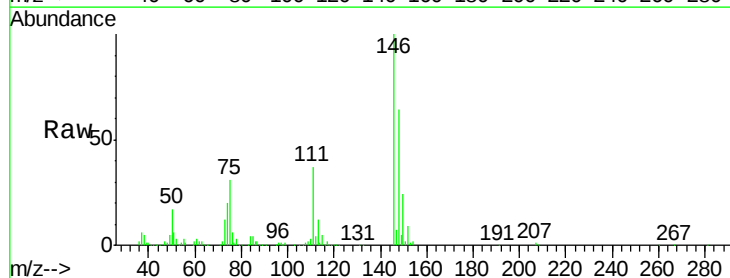
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 228354
 Ion Ratio Lower Upper
 146 100
 111 39.4 20.8 62.2
 148 64.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 50.66 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion:146 Resp: 227728
 Ion Ratio Lower Upper
 146 100
 111 38.3 20.8 62.2
 148 64.5 31.8 95.4

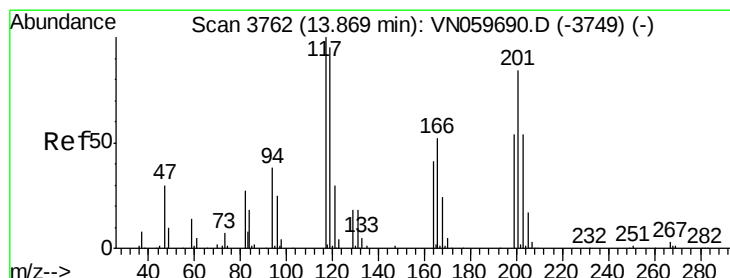
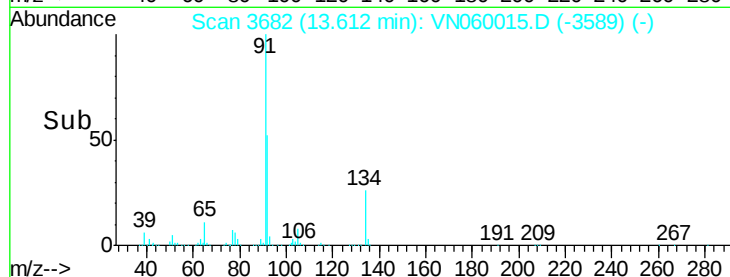
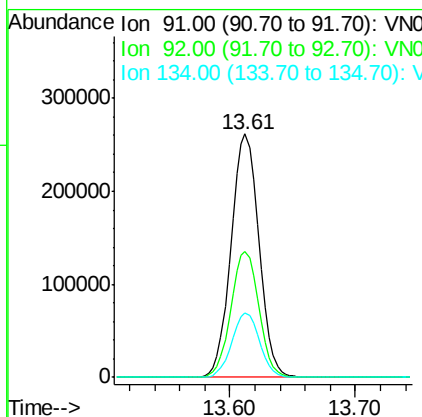
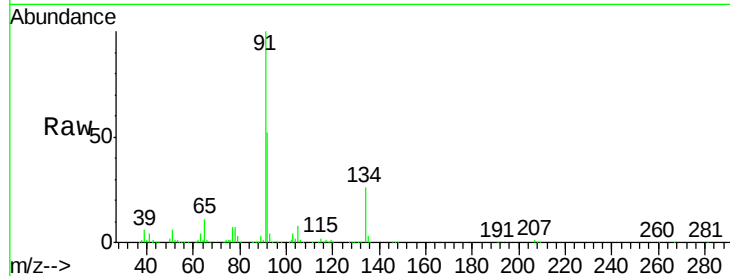




#89
n-Butylbenzene
Concen: 52.36 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

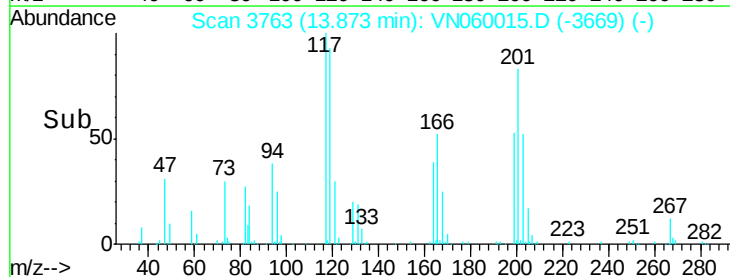
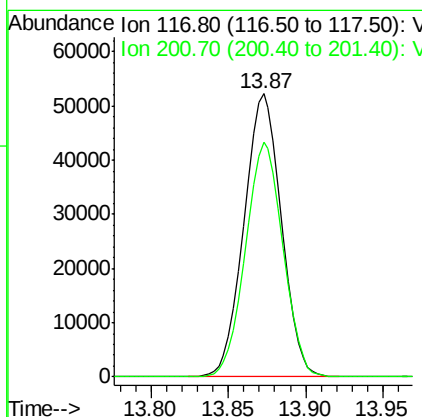
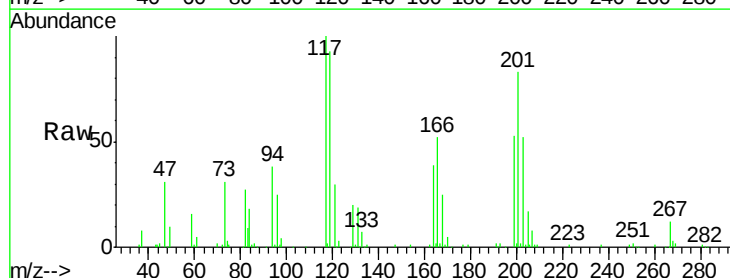
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 404308
Ion Ratio Lower Upper
91 100
92 51.8 25.9 77.7
134 26.4 12.3 36.8



#90
Hexachloroethane
Concen: 51.93 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion: 117 Resp: 88000
Ion Ratio Lower Upper
117 100
201 82.8 37.8 113.4

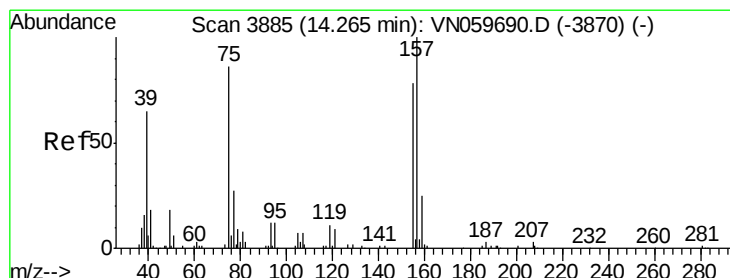
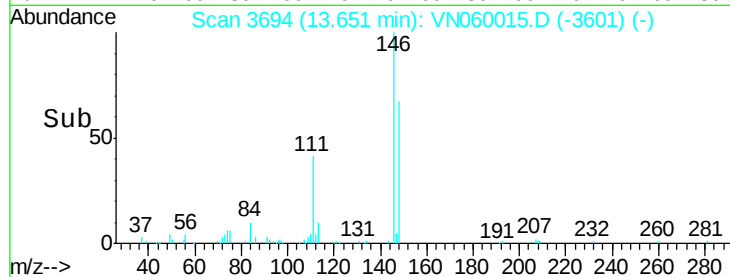
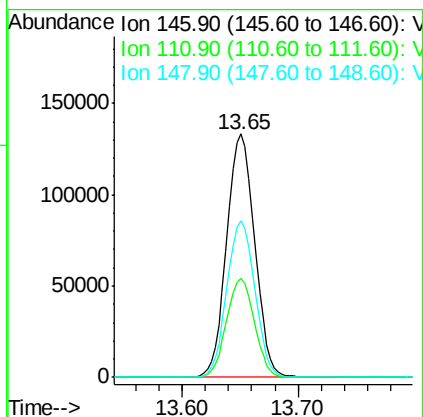
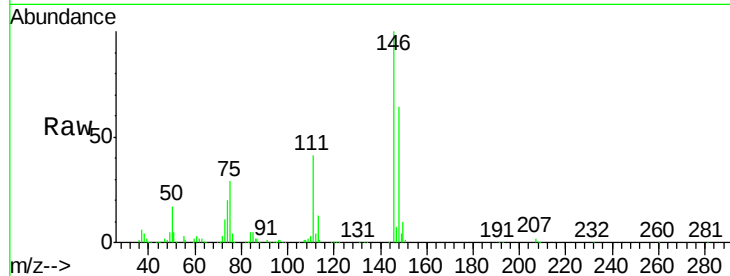




#91
 1,2-Dichlorobenzene
 Concen: 49.92 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

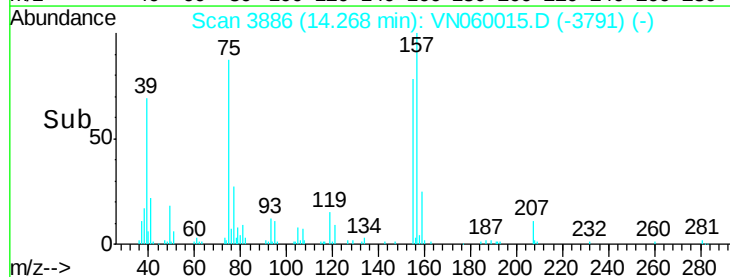
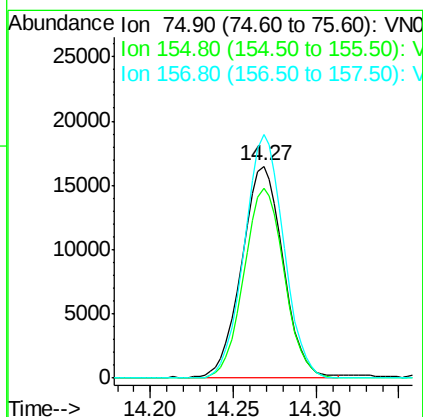
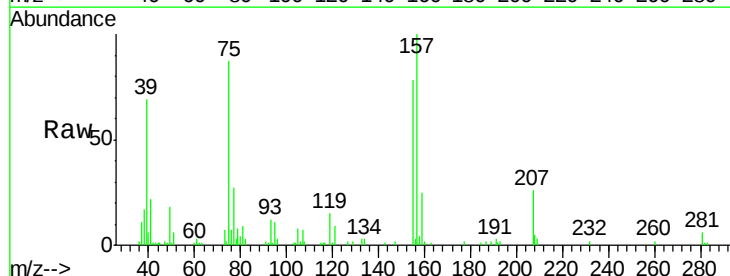
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 146 Resp: 222375
 Ion Ratio Lower Upper
 146 100
 111 40.4 21.6 64.8
 148 64.3 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.06 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion: 75 Resp: 28847
 Ion Ratio Lower Upper
 75 100
 155 86.5 37.0 110.9
 157 108.8 48.4 145.2

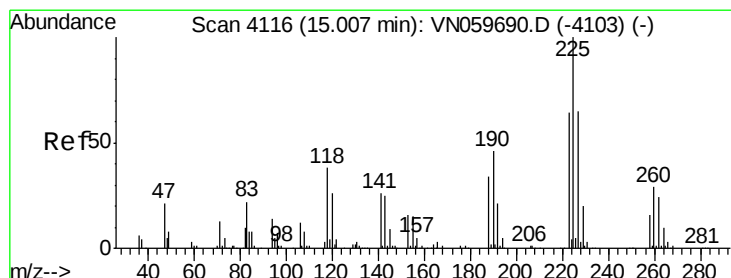
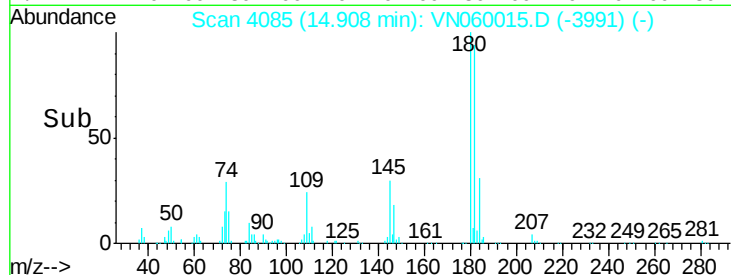
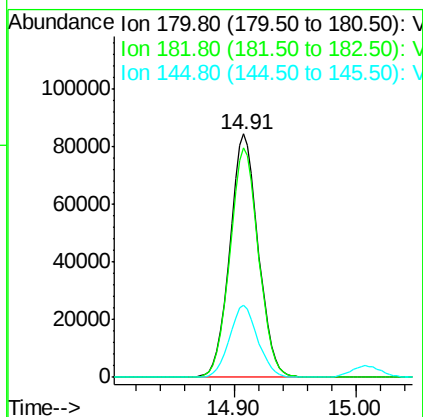
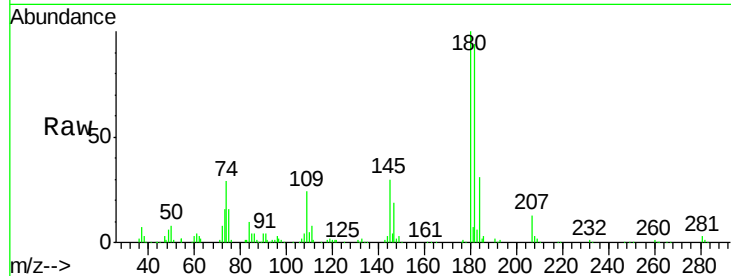




#93
 1,2,4-Trichlorobenzene
 Concen: 51.09 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

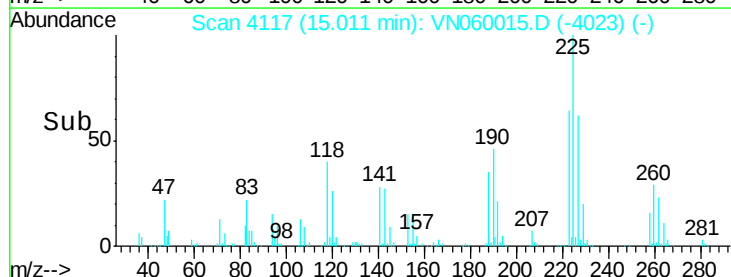
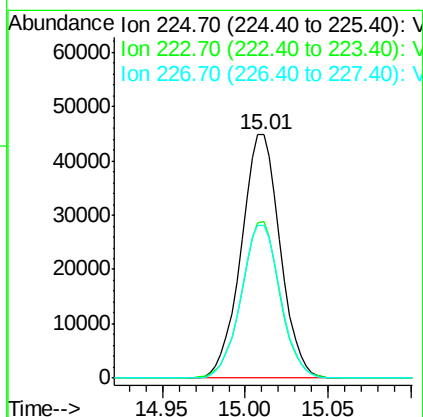
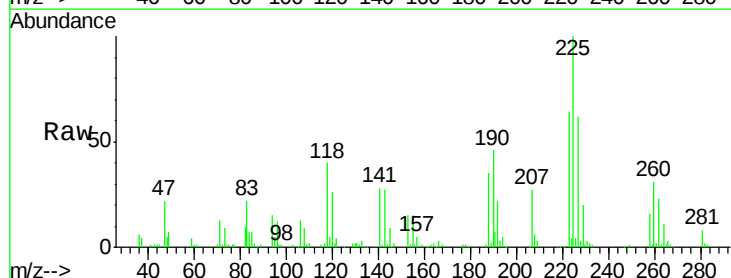
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

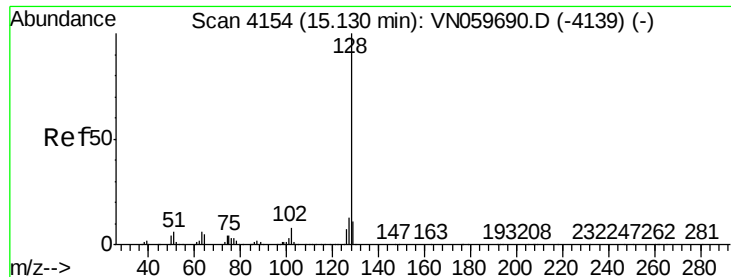
Tgt Ion:180 Resp: 136749
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.9 140.7
 145 29.6 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 49.59 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN060015.D
 Acq: 6 Feb 2020 16:46

Tgt Ion:225 Resp: 73141
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.8 95.3
 227 63.2 32.1 96.5

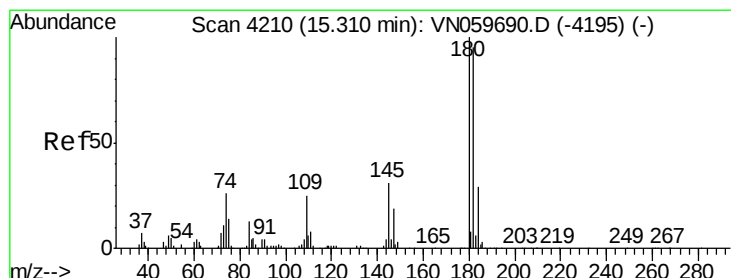
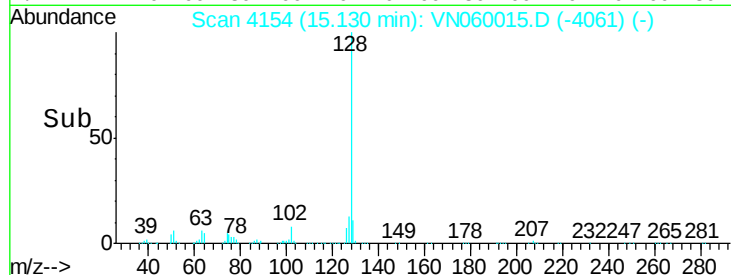
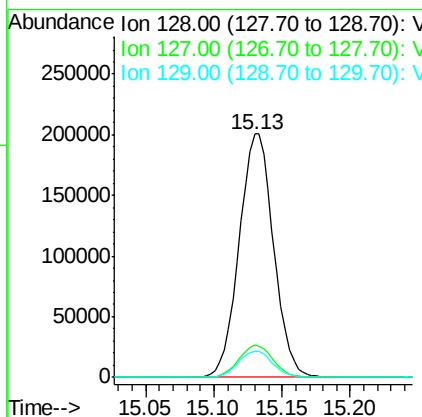
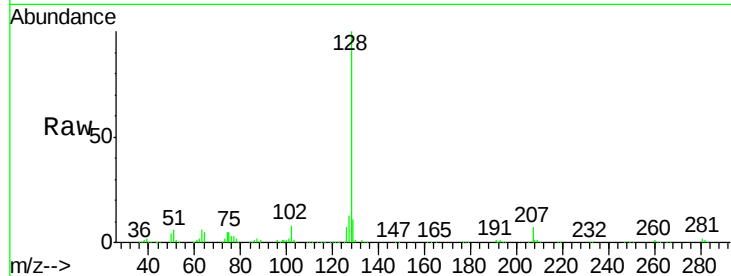




#95
Naphthalene
Concen: 46.14 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 351258
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 49.13 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN060015.D
Acq: 6 Feb 2020 16:46

Tgt Ion:180 Resp: 127983
Ion Ratio Lower Upper
180 100
182 95.3 47.4 142.3
145 31.8 16.3 48.9

