

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060758.D
 Acq On : 27 Mar 2020 21:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 01:36:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	184155	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	312182	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	140806	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	126377	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
35) Dibromofluoromethane	7.56	113	95147	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
50) Toluene-d8	10.08	98	381634	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.40	95	141036	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	85640	48.062	ug/l	100
3) Chloromethane	2.04	50	151852	45.630	ug/l	99
4) Vinyl Chloride	2.17	62	119420	45.878	ug/l	99
5) Bromomethane	2.55	94	57038	50.761	ug/l	99
6) Chloroethane	2.69	64	75148	50.118	ug/l	98
7) Trichlorofluoromethane	3.00	101	159364	49.701	ug/l	99
8) Diethyl Ether	3.38	74	65714	51.016	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	94070	50.630	ug/l	99
10) Methyl Iodide	3.93	142	81988	49.591	ug/l	99
11) Tert butyl alcohol	4.72	59	87395	235.064	ug/l	99
12) 1,1-Dichloroethene	3.72	96	97791	49.047	ug/l	99
13) Acrolein	3.57	56	110759	268.795	ug/l	100
14) Allyl chloride	4.29	41	171405	48.879	ug/l	97
15) Acrylonitrile	4.94	53	270871	247.757	ug/l	100
16) Acetone	3.78	43	214804	239.876	ug/l	99
17) Carbon Disulfide	4.03	76	285175	47.029	ug/l	100
18) Methyl Acetate	4.28	43	124791	49.510	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	336521	49.091	ug/l	96
20) Methylene Chloride	4.52	84	110962	50.372	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	104507	49.180	ug/l	93
22) Diisopropyl ether	5.91	45	388966	52.502	ug/l	97
23) Vinyl Acetate	5.86	43	1580590	261.480	ug/l	100
24) 1,1-Dichloroethane	5.82	63	208898	51.723	ug/l	99
25) 2-Butanone	6.80	43	350795	242.088	ug/l	98
26) 2,2-Dichloropropane	6.80	77	148160	46.625	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	121481	50.307	ug/l	99
28) Bromochloromethane	7.17	49	101315	52.432	ug/l	99
29) Tetrahydrofuran	7.18	42	241414	235.467	ug/l	98
30) Chloroform	7.35	83	195887	50.593	ug/l	100
31) Cyclohexane	7.63	56	193676	47.567	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	170390	51.049	ug/l	99
36) 1,1-Dichloropropene	7.77	75	151729	50.193	ug/l	100
37) Ethyl Acetate	6.89	43	152766	46.770	ug/l	99
38) Carbon Tetrachloride	7.75	117	137590	50.785	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060758.D
 Acq On : 27 Mar 2020 21:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Mar 30 01:36:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	178957	49.816	ug/l	98
40) Benzene	8.02	78	458380	50.231	ug/l	100
41) Methacrylonitrile	7.15	41	79060m	56.716	ug/l	
42) 1,2-Dichloroethane	8.10	62	156010	50.025	ug/l	100
43) Isopropyl Acetate	8.14	43	262986	48.821	ug/l	100
44) Trichloroethene	8.82	130	114019	49.565	ug/l	98
45) 1,2-Dichloropropane	9.10	63	126404	52.496	ug/l	97
46) Dibromomethane	9.19	93	74296	51.038	ug/l	100
47) Bromodichloromethane	9.38	83	156836	51.847	ug/l	98
48) Methyl methacrylate	9.18	41	117164	48.852	ug/l	100
49) 1,4-Dioxane	9.18	88	29496	1034.692	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	754833	246.251	ug/l	100
52) Toluene	10.14	92	276470	50.166	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	176919	50.916	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	192388	50.470	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	106821	50.383	ug/l	99
56) Ethyl methacrylate	10.42	69	167697	50.727	ug/l	98
57) 1,3-Dichloropropane	10.70	76	186952	50.813	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	388462	236.426	ug/l	99
59) 2-Hexanone	10.74	43	541462	245.217	ug/l	99
60) Dibromochloromethane	10.89	129	113548	51.847	ug/l	100
61) 1,2-Dibromoethane	10.99	107	109025	51.138	ug/l	99
64) Tetrachloroethene	10.62	164	103939	45.881	ug/l	99
65) Chlorobenzene	11.43	112	282911	49.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	104388	50.519	ug/l	99
67) Ethyl Benzene	11.50	91	538339	50.724	ug/l	99
68) m/p-Xylenes	11.62	106	396628	100.568	ug/l	100
69) o-Xylene	11.94	106	191147	50.771	ug/l	99
70) Styrene	11.96	104	316362	51.379	ug/l	100
71) Bromoform	12.12	173	81087	47.309	ug/l #	99
73) Isopropylbenzene	12.24	105	511738	48.428	ug/l	99
74) N-amyl acetate	12.06	43	230425	47.191	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	152445	47.706	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	134844m	44.381	ug/l	
77) Bromobenzene	12.52	156	121805	47.837	ug/l	99
78) n-propylbenzene	12.59	91	604185	48.396	ug/l	99
79) 2-Chlorotoluene	12.67	91	356515	47.795	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	431211	48.087	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	53136	44.916	ug/l	99
82) 4-Chlorotoluene	12.77	91	365155	48.065	ug/l	100
83) tert-Butylbenzene	12.99	119	364453	49.027	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	434764	49.007	ug/l	99
85) sec-Butylbenzene	13.17	105	497147	49.734	ug/l	100
86) p-Isopropyltoluene	13.28	119	445183	49.527	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	220258	49.046	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	217724	48.255	ug/l	99
89) n-Butylbenzene	13.61	91	406940	50.143	ug/l	100
90) Hexachloroethane	13.87	117	70959	54.308	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	212662	49.524	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	30393	45.384	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
Data File : VN060758.D
Acq On : 27 Mar 2020 21:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Mar 30 01:36:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration

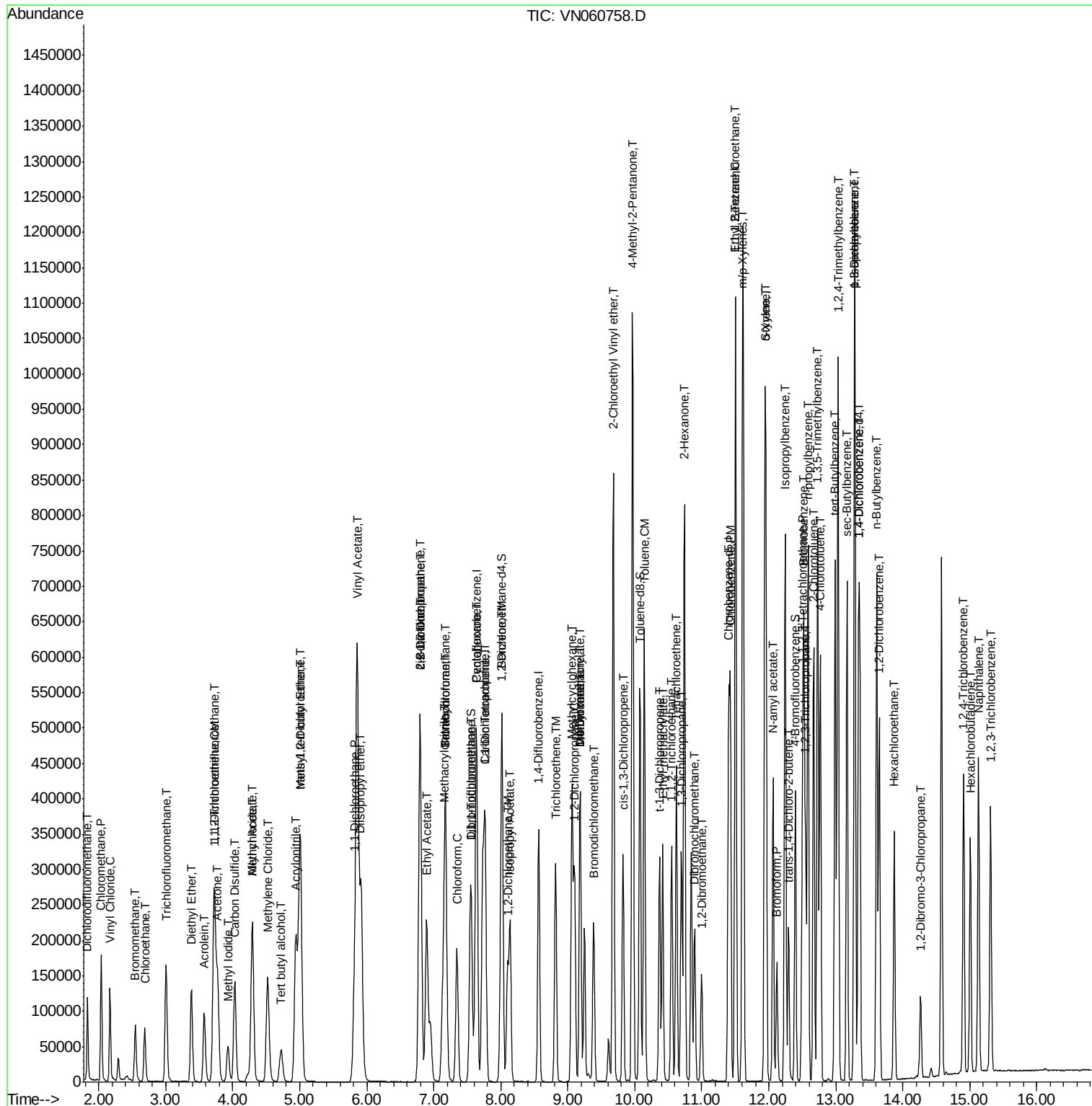
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	134931	51.168	ug/l	100
94) Hexachlorobutadiene	15.01	225	65654	50.788	ug/l	100
95) Naphthalene	15.13	128	377019	47.534	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	128299	49.395	ug/l	100

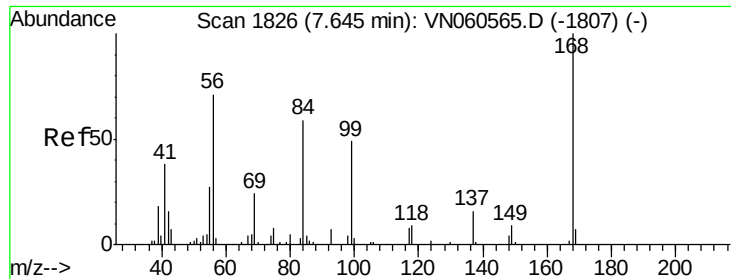
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060758.D
 Acq On : 27 Mar 2020 21:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 01:36:13 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

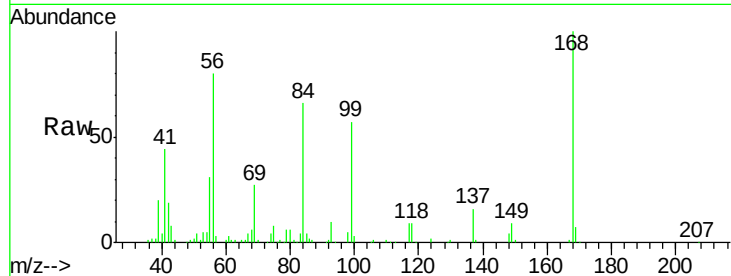
VSTDCCC050EC

Tot Ion:168 Resp: 184155

Ion Ratio Lower Upper

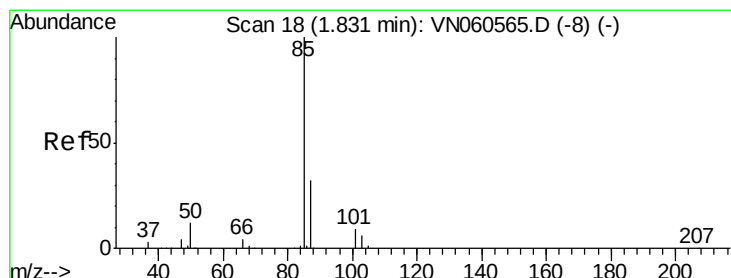
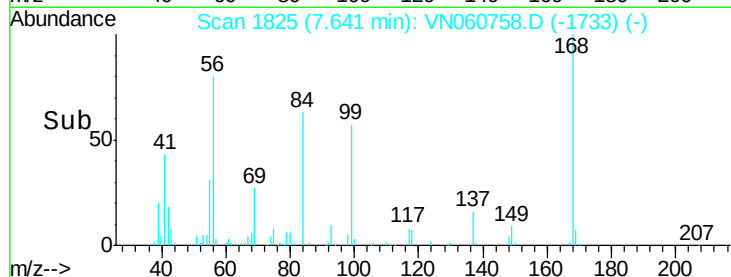
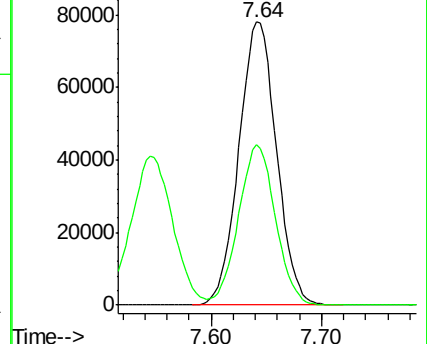
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 48.062 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN060758.D

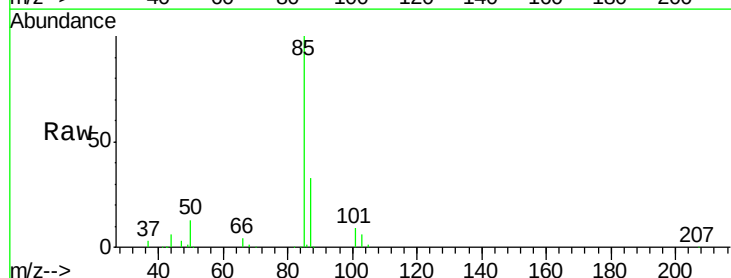
Acq: 27 Mar 2020 21:46

Tgt Ion: 85 Resp: 85640

Ion Ratio Lower Upper

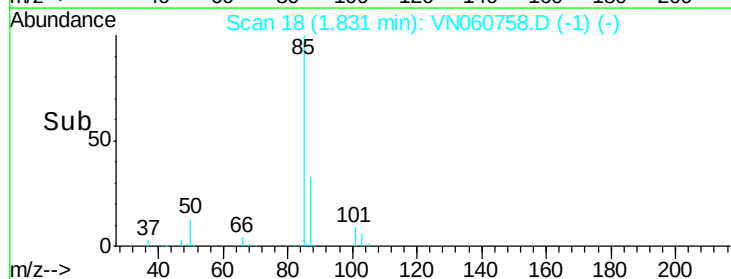
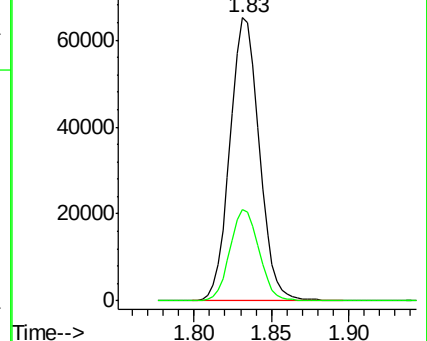
85 100

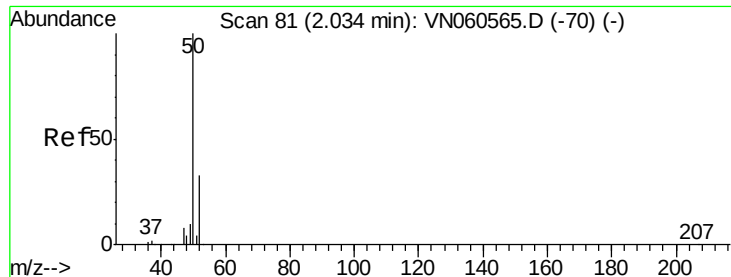
87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 45.630 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

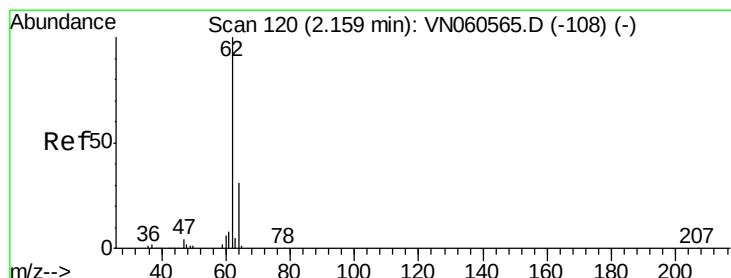
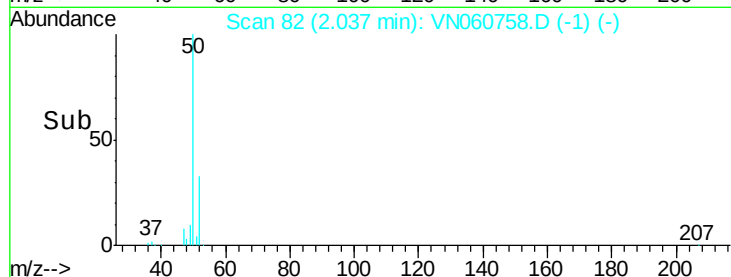
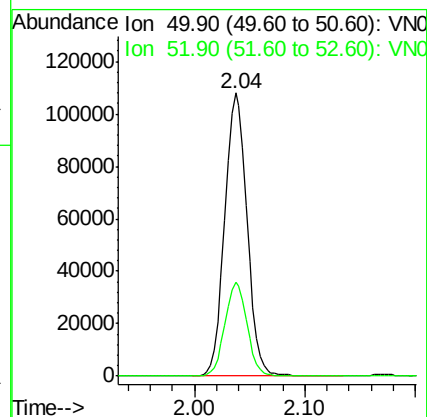
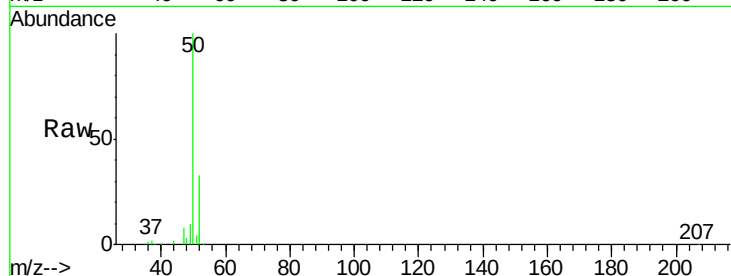
VSTDCCC050EC

Tot Ion: 50 Resp: 151852

Ion Ratio Lower Upper

50 100

52 33.3 26.2 39.2



#4

Vinyl Chloride

Concen: 45.878 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.01 min

Lab File: VN060758.D

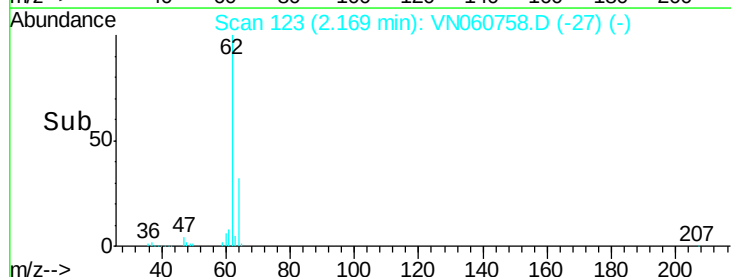
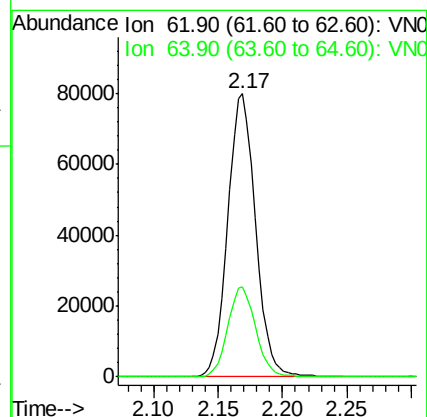
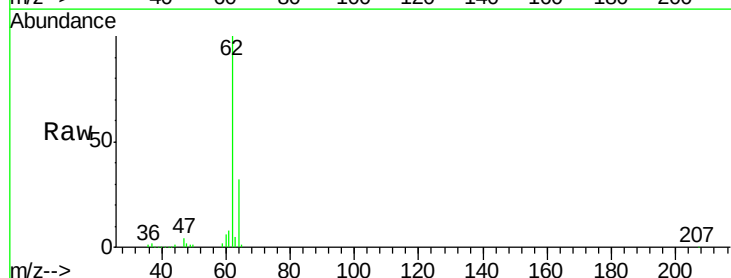
Acq: 27 Mar 2020 21:46

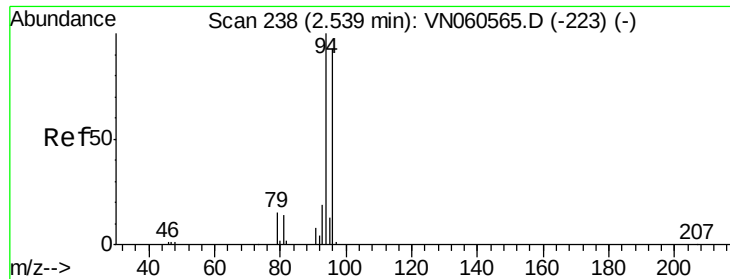
Tgt Ion: 62 Resp: 119420

Ion Ratio Lower Upper

62 100

64 31.7 24.7 37.1





#5

Bromomethane

Concen: 50.761 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

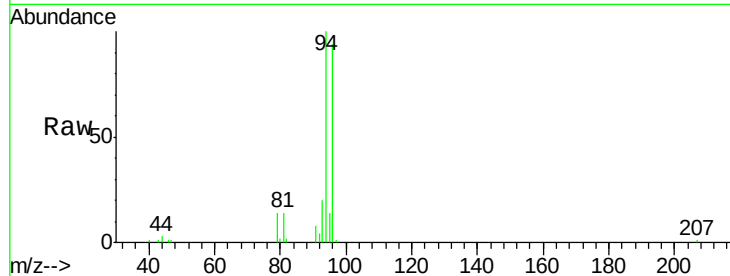
VSTDCCC050EC

Tot Ion: 94 Resp: 57038

Ion Ratio Lower Upper

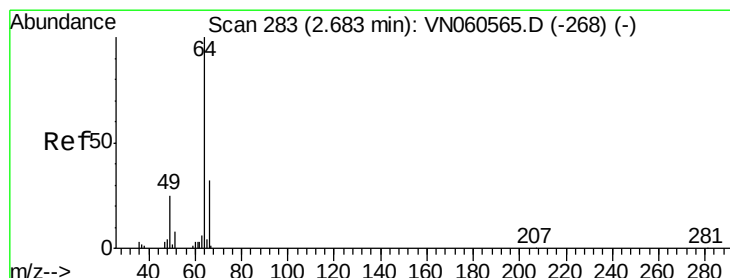
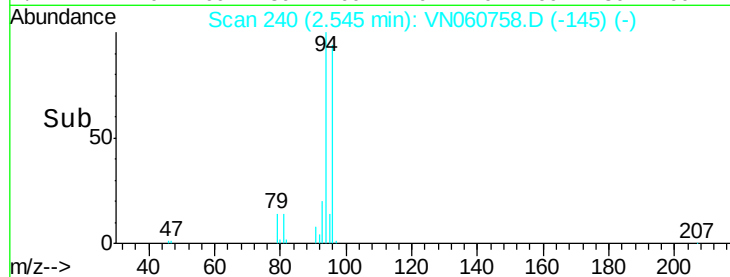
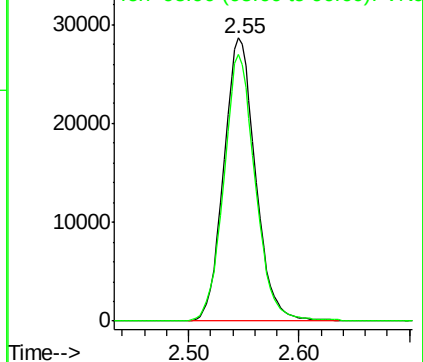
94 100

96 94.4 74.6 112.0



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 50.118 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060758.D

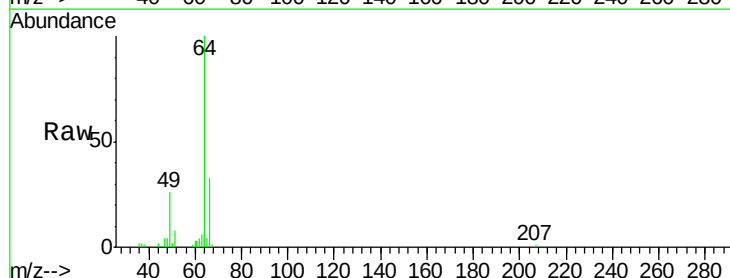
Acq: 27 Mar 2020 21:46

Tgt Ion: 64 Resp: 75148

Ion Ratio Lower Upper

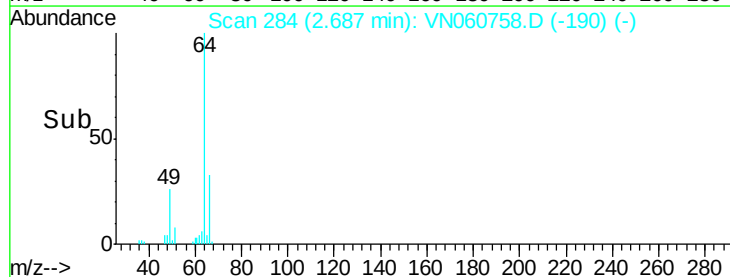
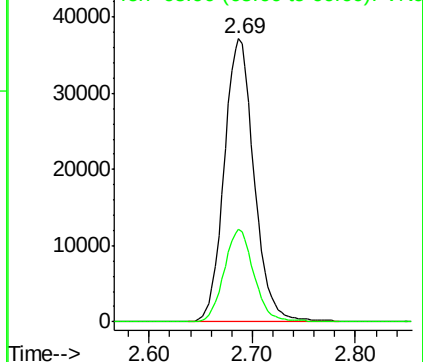
64 100

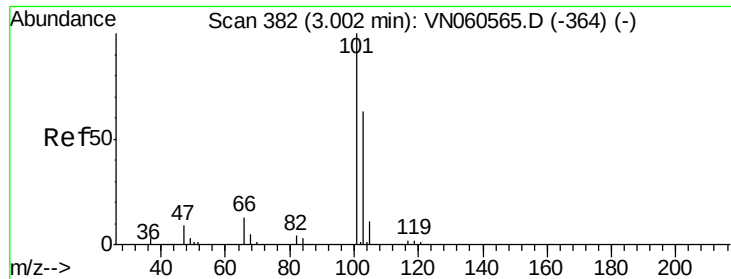
66 32.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



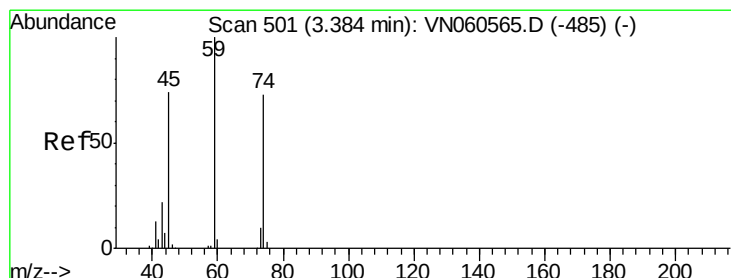
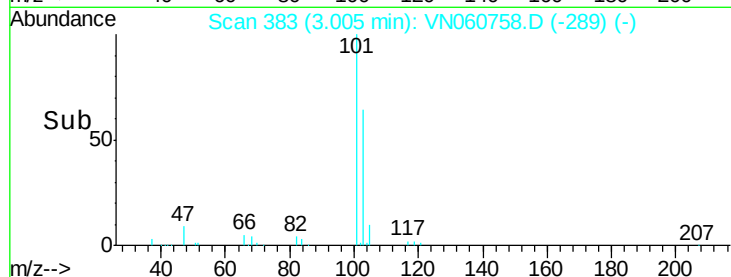
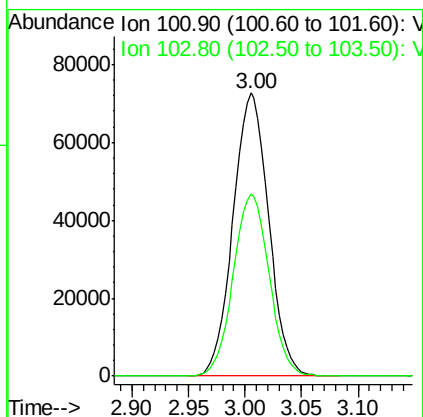
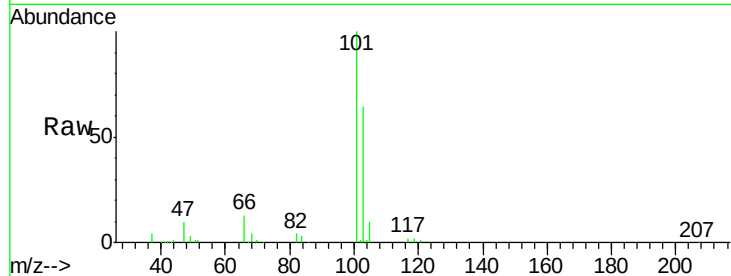


#7

Trichlorofluoromethane
 Concen: 49.701 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

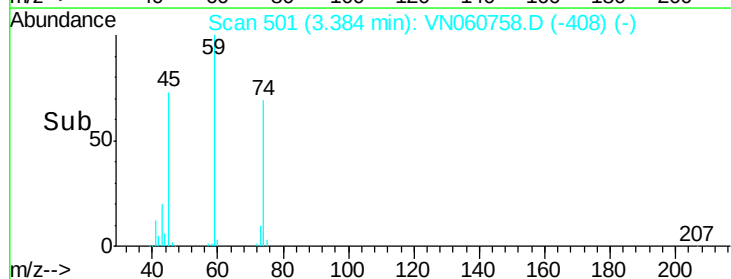
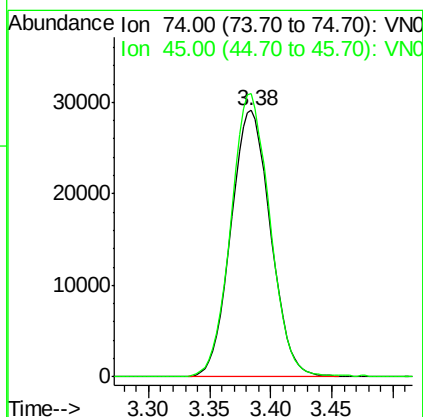
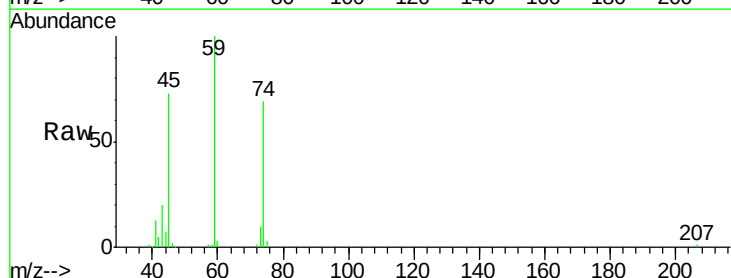
Tot Ion:101 Resp: 159364
 Ion Ratio Lower Upper
 101 100
 103 64.2 50.6 76.0

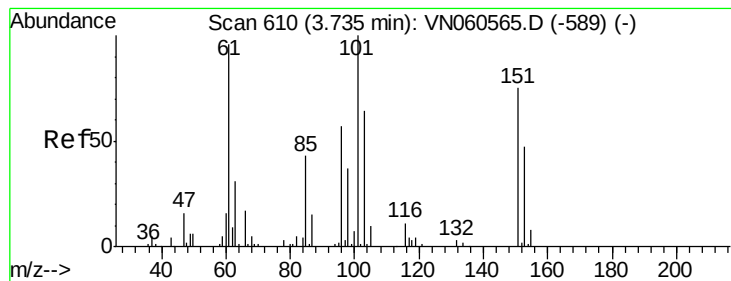


#8

Diethyl Ether
 Concen: 51.016 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Tgt Ion: 74 Resp: 65714
 Ion Ratio Lower Upper
 74 100
 45 104.5 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.630 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

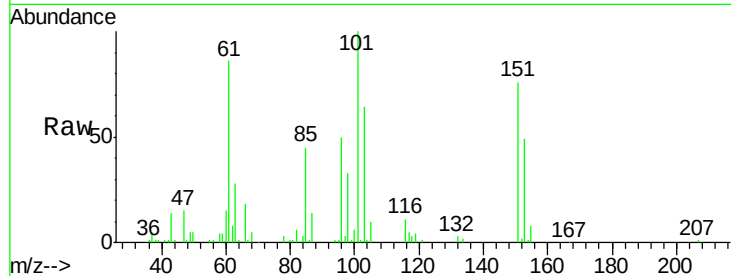
Tot Ion:101 Resp: 94070

Ion Ratio Lower Upper

101 100

85 44.2 35.6 53.4

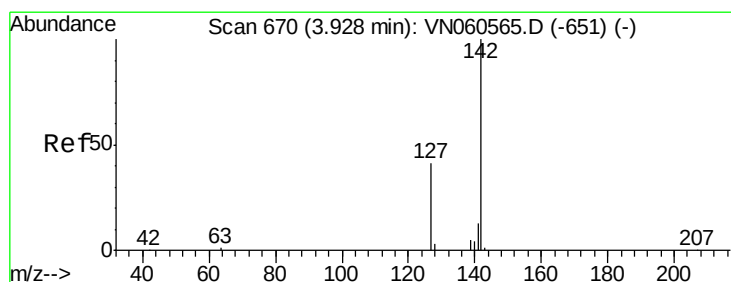
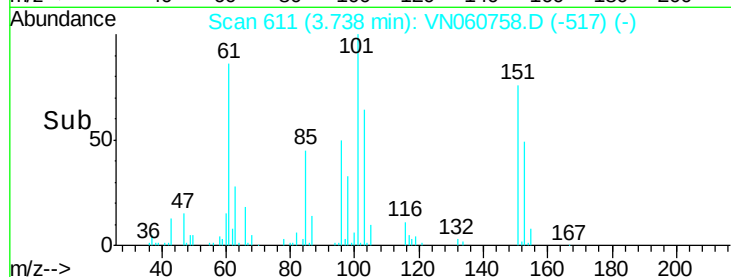
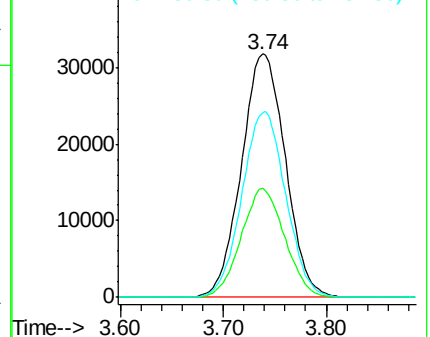
151 76.1 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.591 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

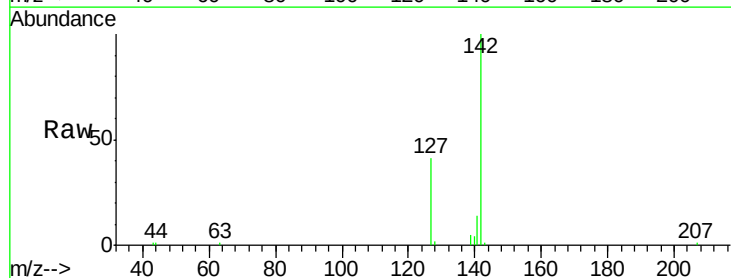
Tgt Ion:142 Resp: 81988

Ion Ratio Lower Upper

142 100

127 40.8 33.5 50.3

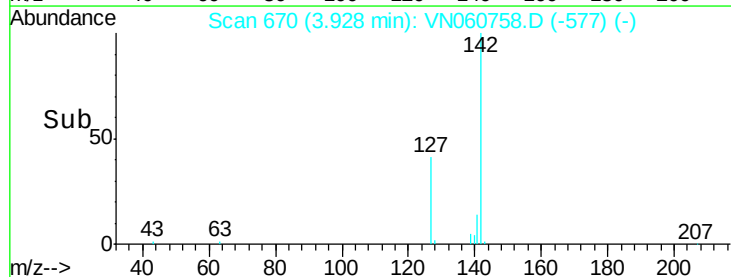
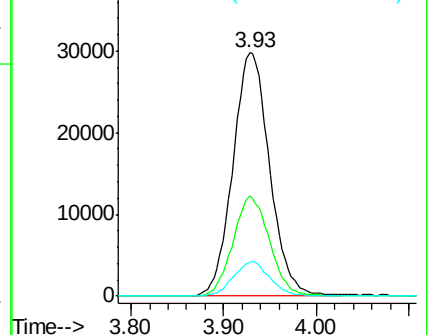
141 14.0 11.0 16.6

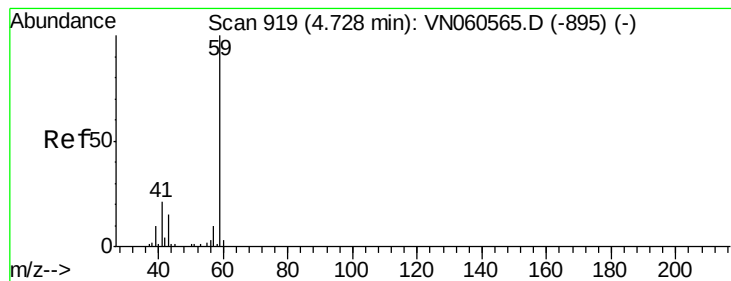


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



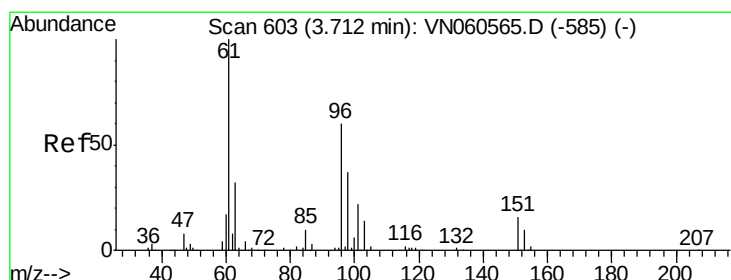
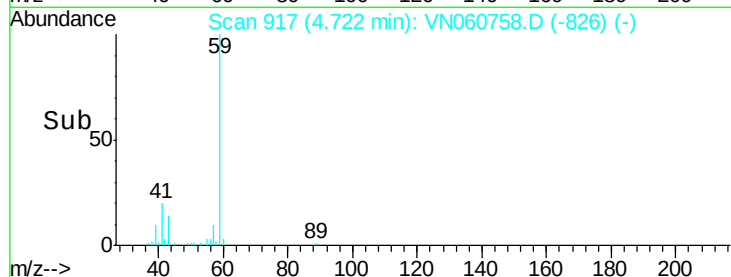
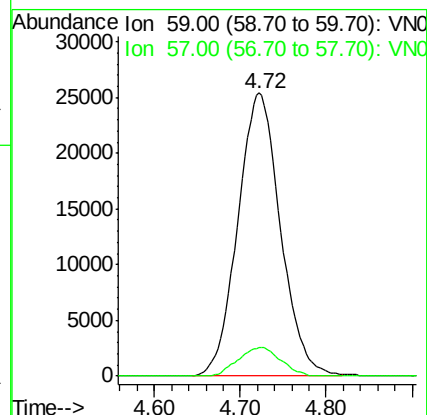
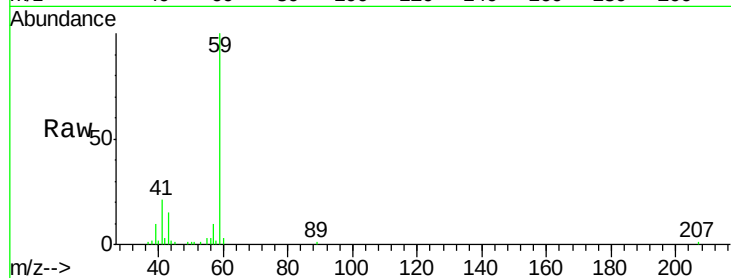


#11

Tert butyl alcohol
 Concen: 235.064 ug/l
 RT: 4.72 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

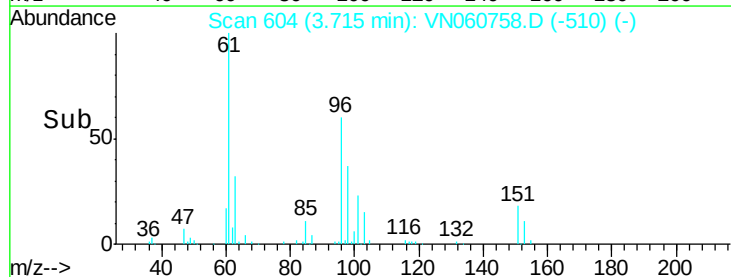
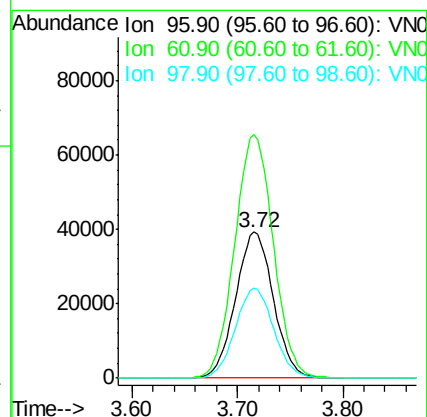
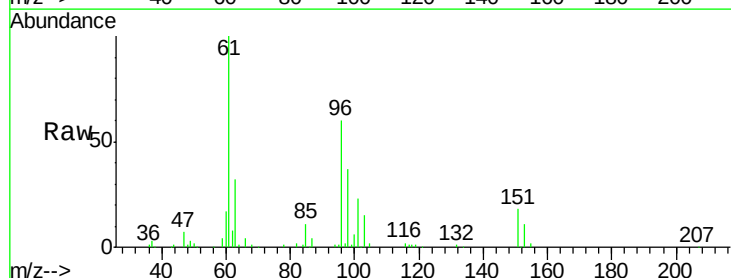
Tot Ion: 59 Resp: 87395
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.4

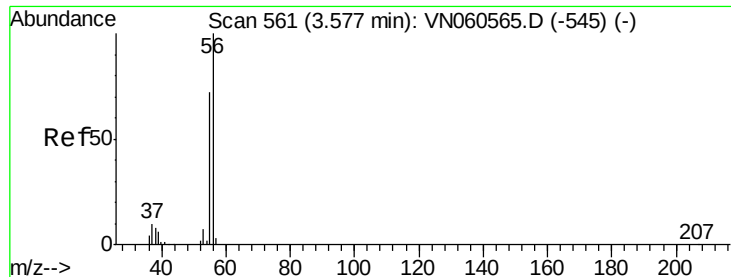


#12

1,1-Dichloroethene
 Concen: 49.047 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Tgt Ion: 96 Resp: 97791
 Ion Ratio Lower Upper
 96 100
 61 166.4 134.1 201.1
 98 61.3 49.9 74.9





#13

Acrolein

Concen: 268.795 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

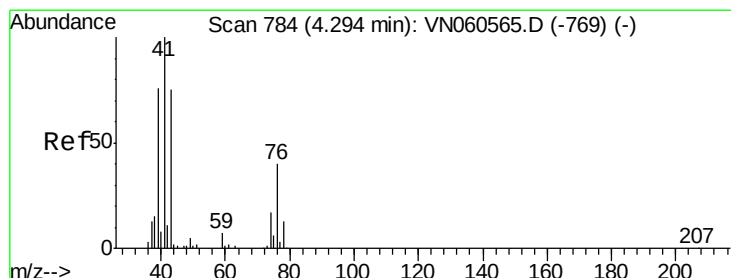
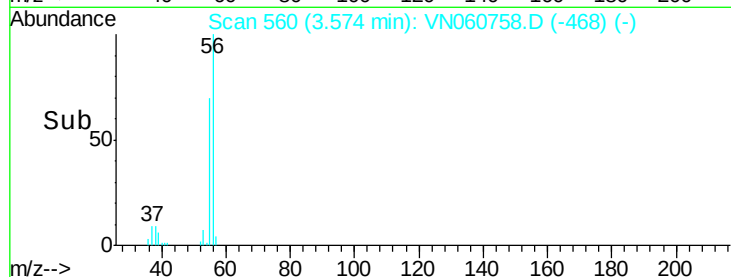
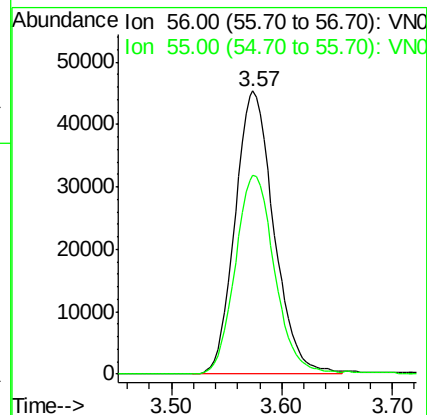
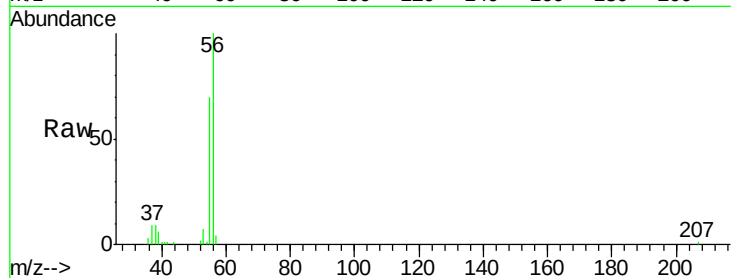
VSTDCCC050EC

Tot Ion: 56 Resp: 110759

Ion Ratio Lower Upper

56 100

55 71.1 56.7 85.1



#14

Allyl chloride

Concen: 48.879 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

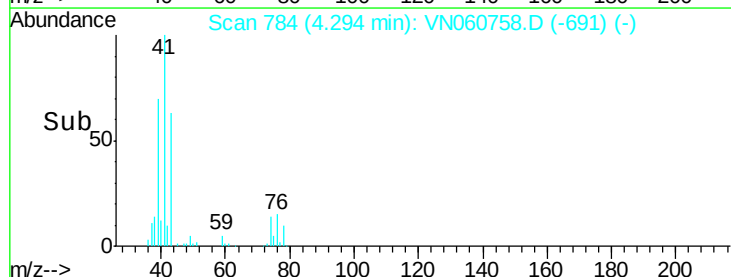
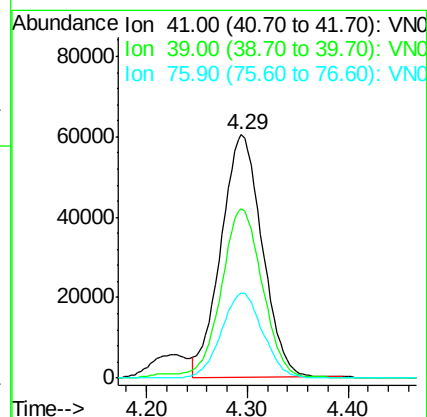
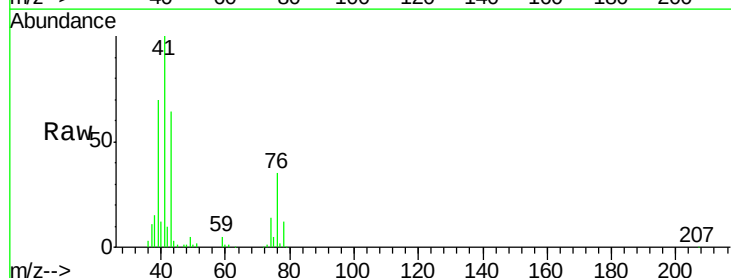
Tgt Ion: 41 Resp: 171405

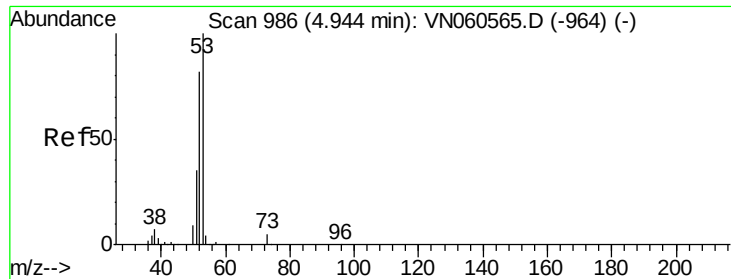
Ion Ratio Lower Upper

41 100

39 69.2 57.8 86.8

76 35.2 28.6 43.0





#15

Acrylonitrile

Concen: 247.757 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

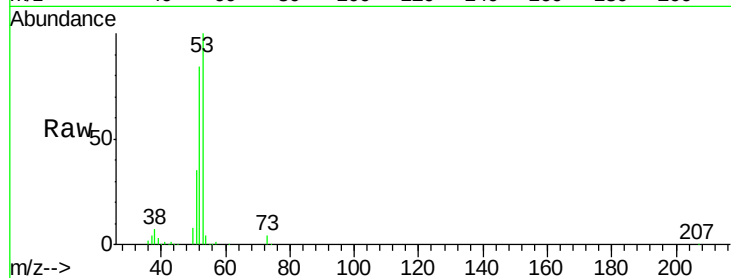
Tot Ion: 53 Resp: 270871

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.4

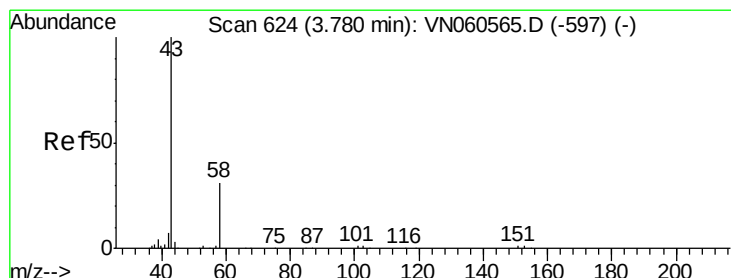
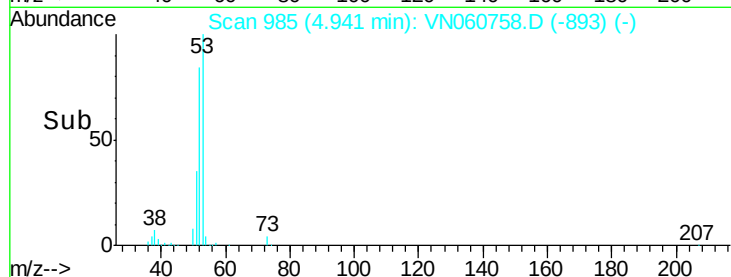
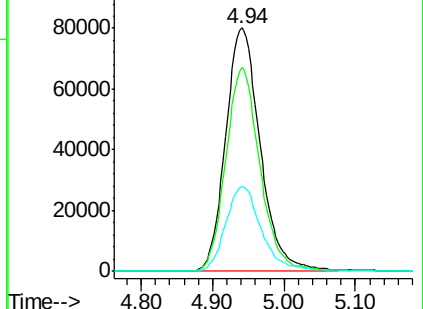
51 36.1 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN060758.D (-964) (-)

Ion 52.00 (51.70 to 52.70): VN060758.D (-964) (-)

Ion 51.00 (50.70 to 51.70): VN060758.D (-964) (-)



#16

Acetone

Concen: 239.876 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060758.D

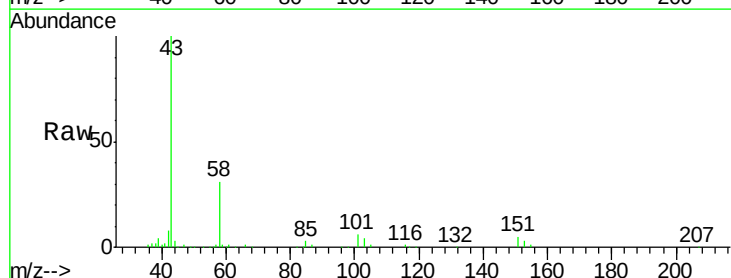
Acq: 27 Mar 2020 21:46

Tgt Ion: 43 Resp: 214804

Ion Ratio Lower Upper

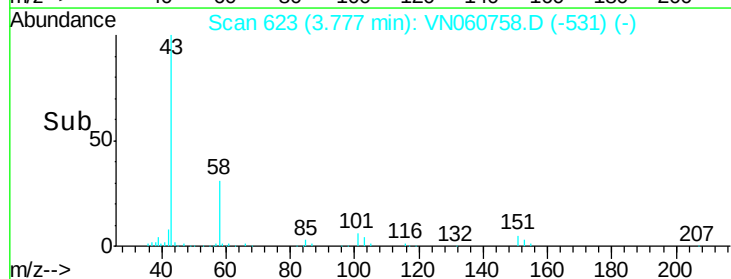
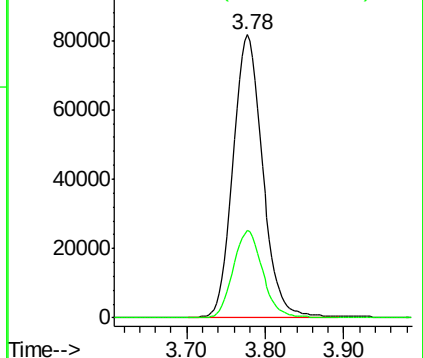
43 100

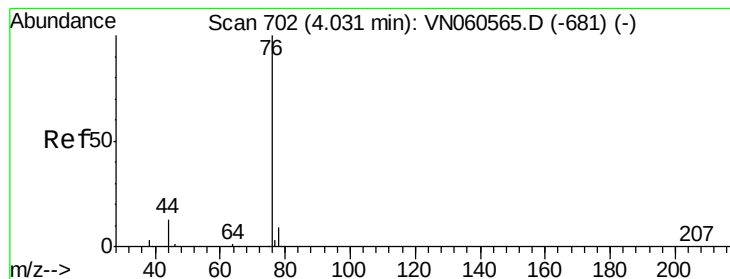
58 30.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060758.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060758.D (-531) (-)





#17

Carbon Disulfide

Concen: 47.029 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

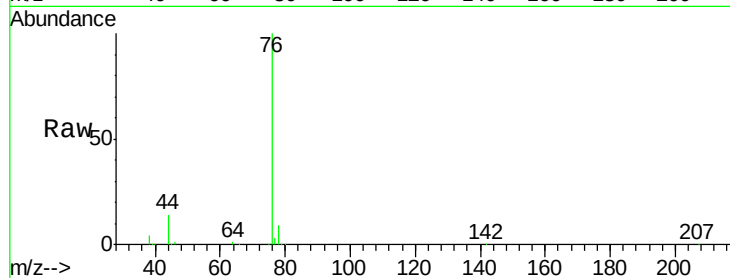
VSTDCCC050EC

Tot Ion: 76 Resp: 285175

Ion Ratio Lower Upper

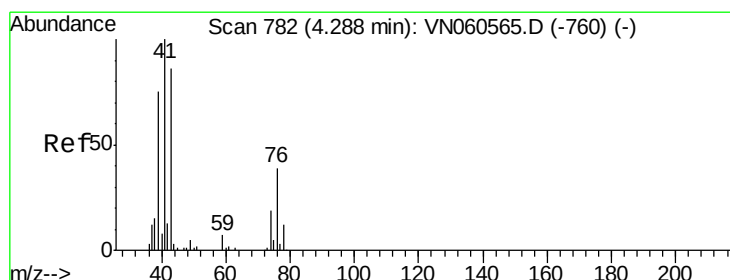
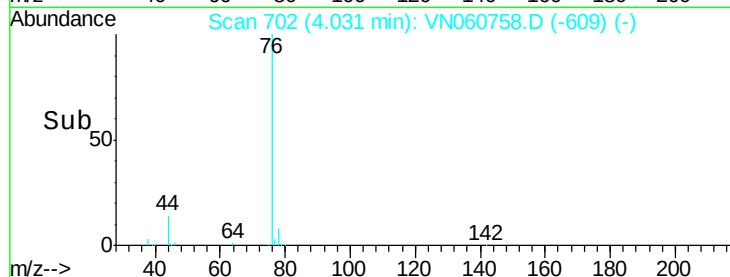
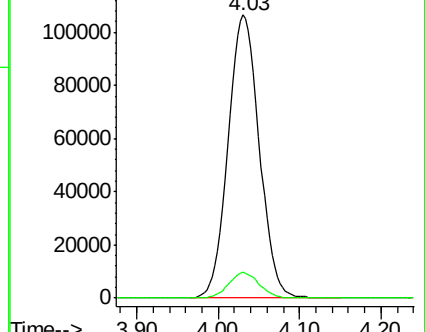
76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN060758.D (-689) (-)

Ion 77.90 (77.60 to 78.60): VN060758.D (-689) (-)



#18

Methyl Acetate

Concen: 49.510 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060758.D

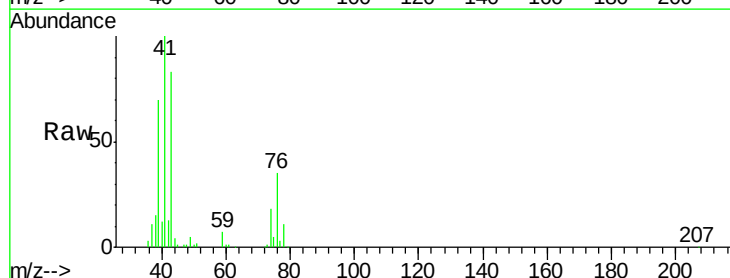
Acq: 27 Mar 2020 21:46

Tgt Ion: 43 Resp: 124791

Ion Ratio Lower Upper

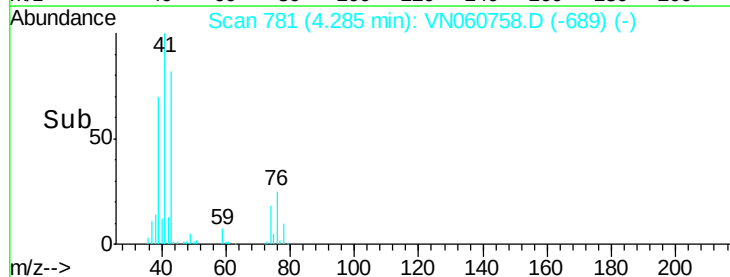
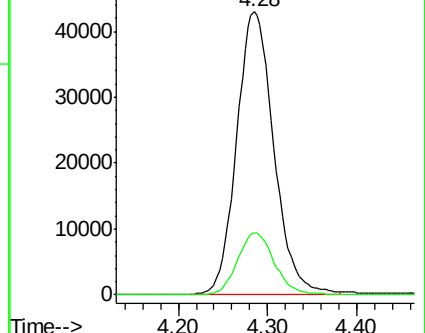
43 100

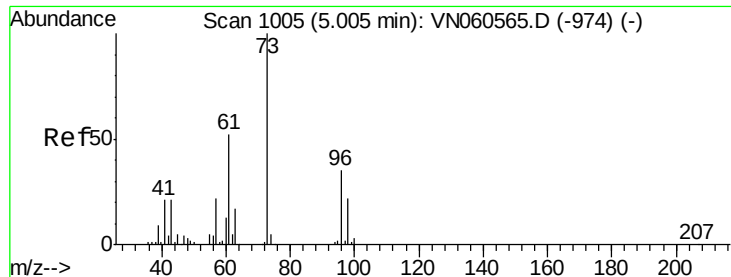
74 21.7 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060758.D (-689) (-)

Ion 74.00 (73.70 to 74.70): VN060758.D (-689) (-)

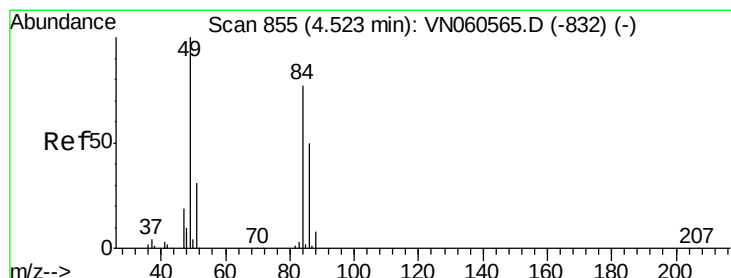
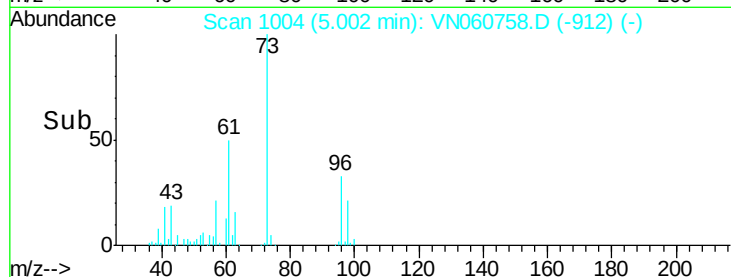
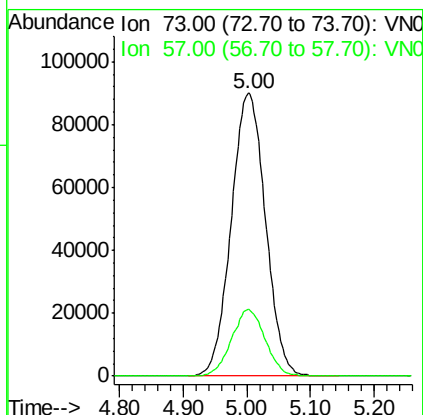
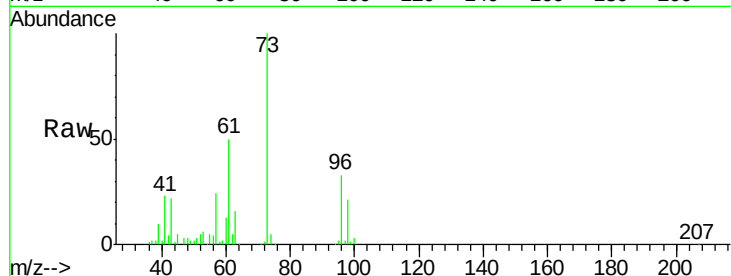




#19
Methvl tert-butyl Ether
Concen: 49.091 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

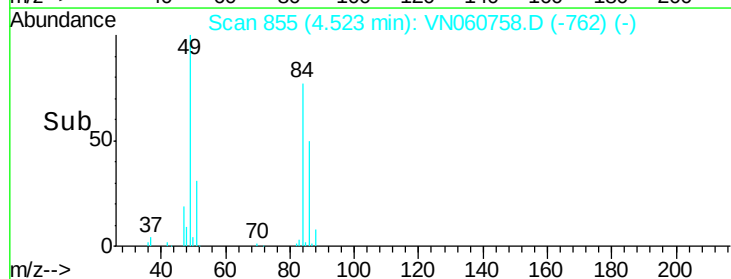
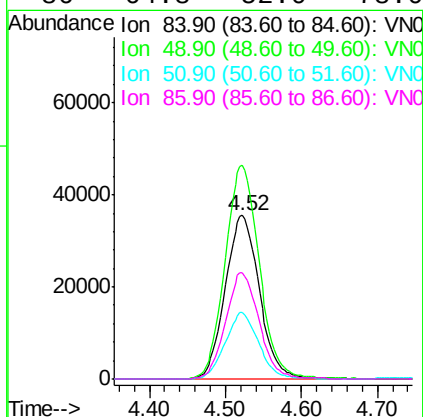
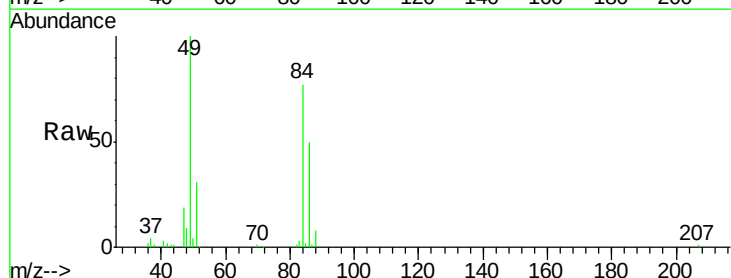
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

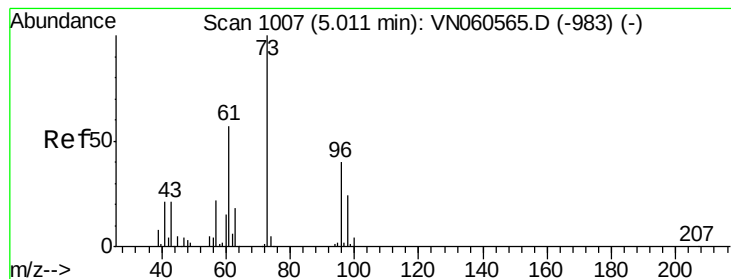
Tot Ion: 73 Resp: 336521
Ion Ratio Lower Upper
73 100
57 23.6 17.5 26.3



#20
Methylene Chloride
Concen: 50.372 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion: 84 Resp: 110962
Ion Ratio Lower Upper
84 100
49 130.7 103.3 154.9
51 40.8 31.6 47.4
86 64.8 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 49.180 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

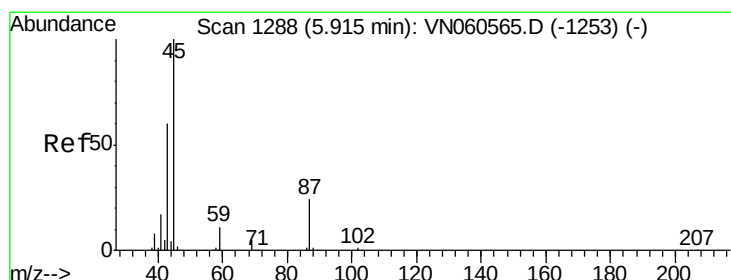
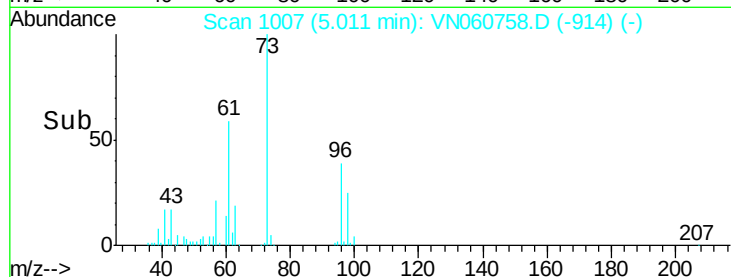
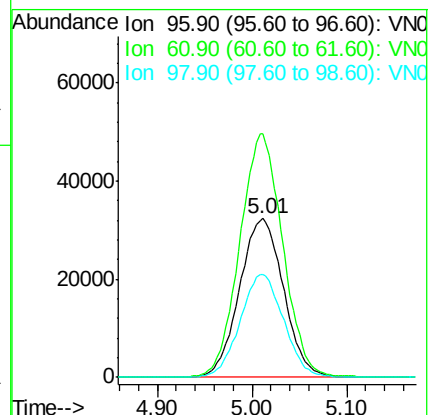
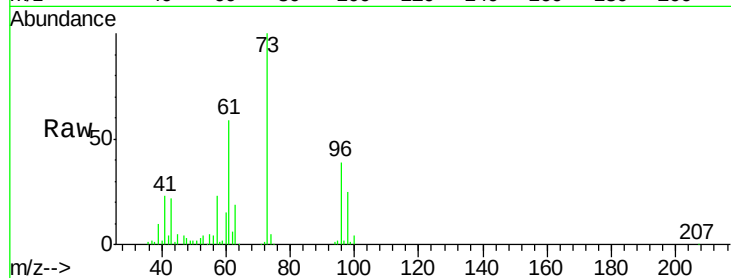
Tot Ion: 96 Resp: 104507

Ion Ratio Lower Upper

96 100

61 152.7 114.4 171.6

98 65.0 48.4 72.6



#22

Diisopropyl ether

Concen: 52.502 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Tgt Ion: 45 Resp: 388966

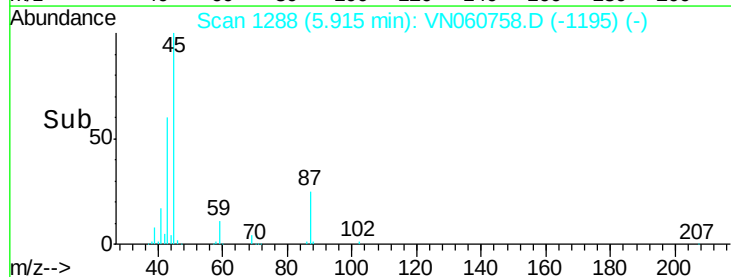
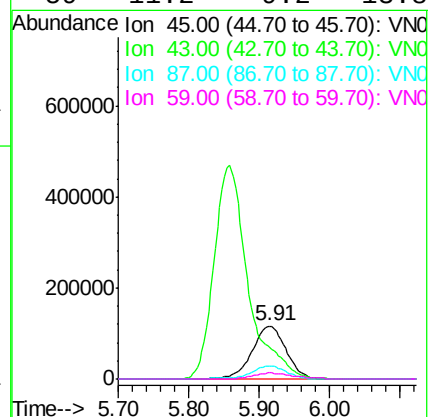
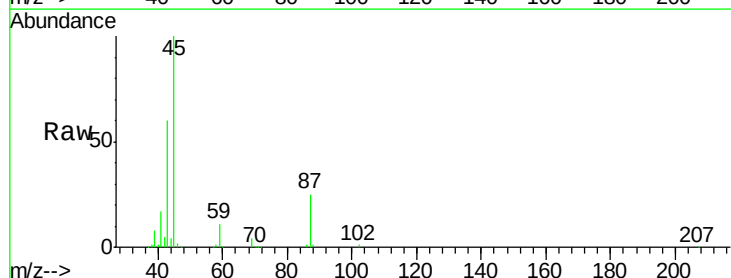
Ion Ratio Lower Upper

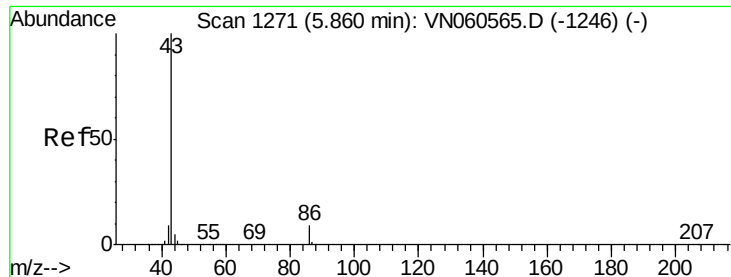
45 100

43 58.7 49.8 74.8

87 24.6 20.1 30.1

59 11.2 9.2 13.8





#23

Vinyl Acetate

Concen: 261.480 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

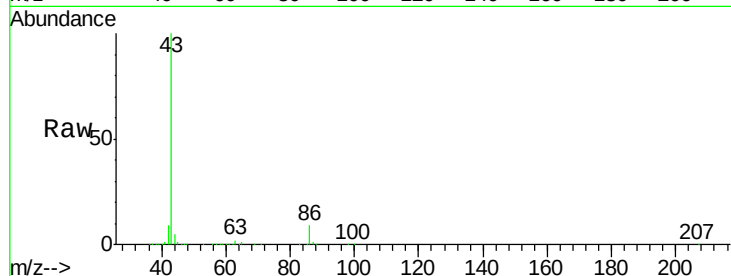
VSTDCCC050EC

Tot Ion: 43 Resp: 1580590

Ion Ratio Lower Upper

43 100

86 9.3 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060758.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060758.D (-1178) (-)

5.86

500000

400000

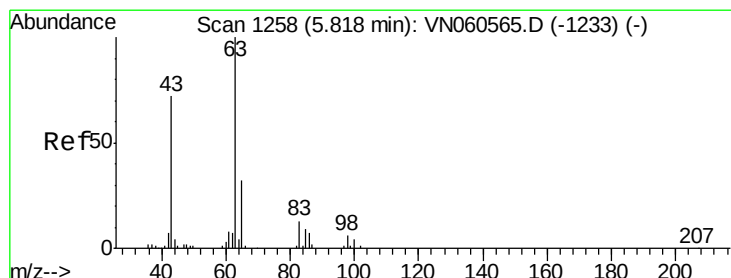
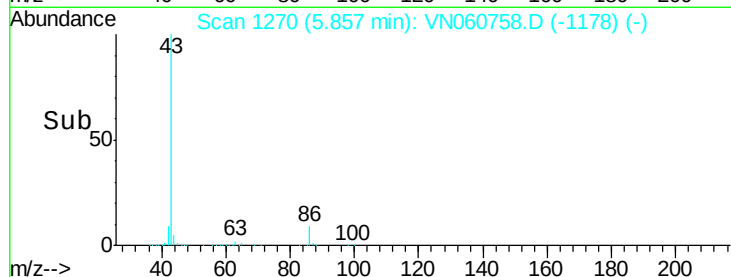
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 51.723 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

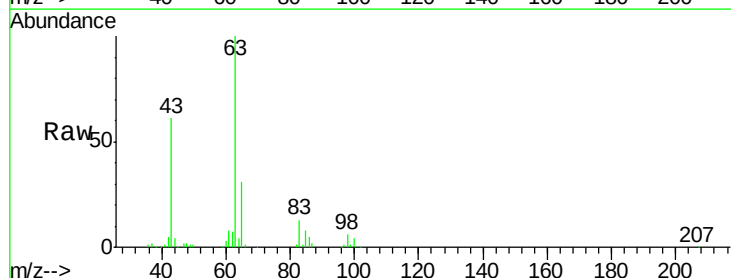
Tgt Ion: 63 Resp: 208898

Ion Ratio Lower Upper

63 100

98 6.2 2.9 8.7

100 3.9 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060758.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060758.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060758.D (-1165) (-)

5.82

80000

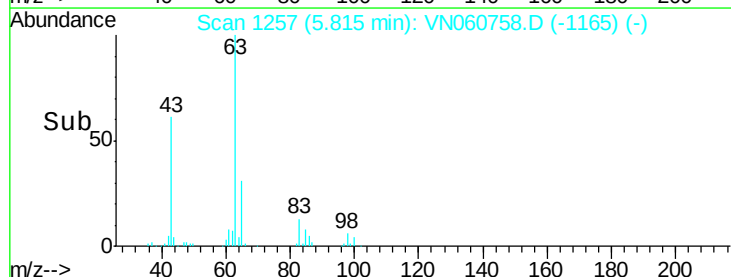
60000

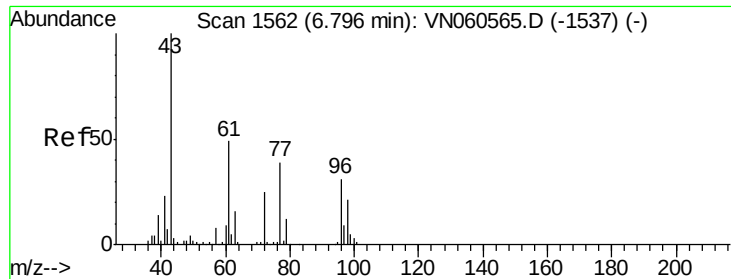
40000

20000

0

Time--> 5.70 5.80 5.90

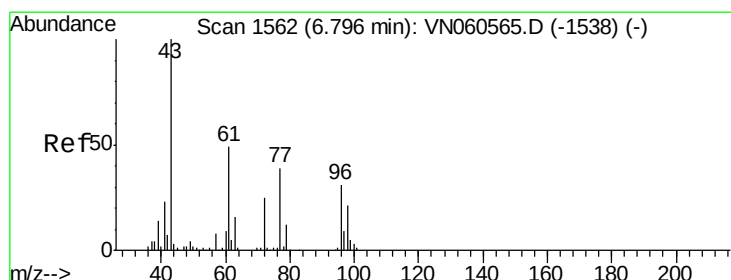
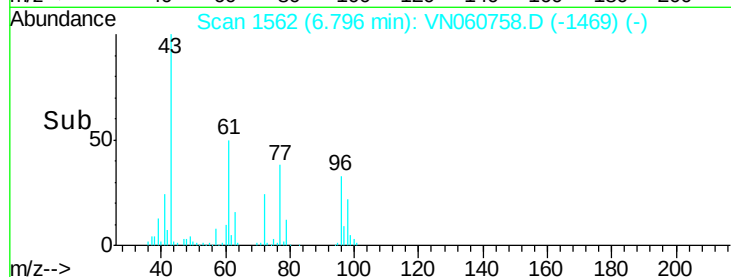
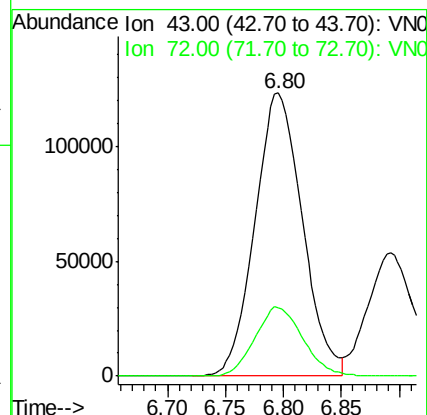
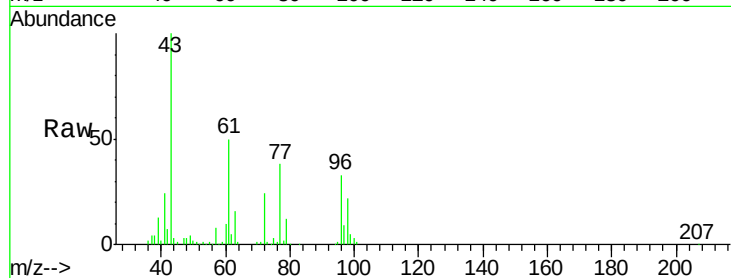




#25
 2-Butanone
 Concen: 242.088 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

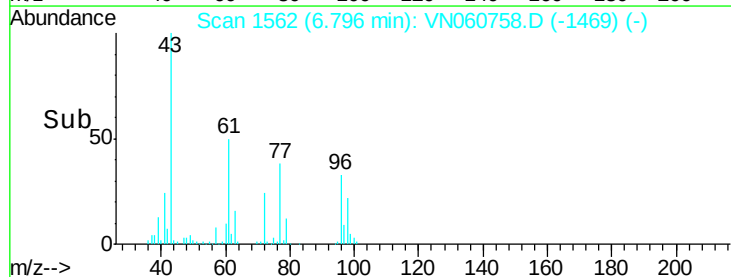
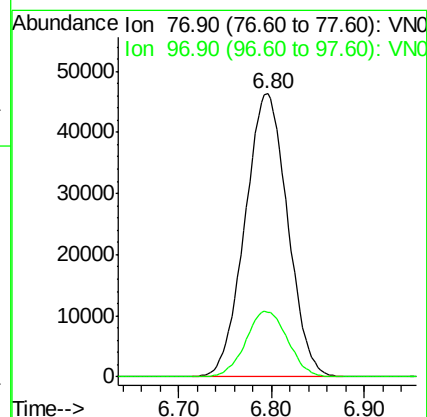
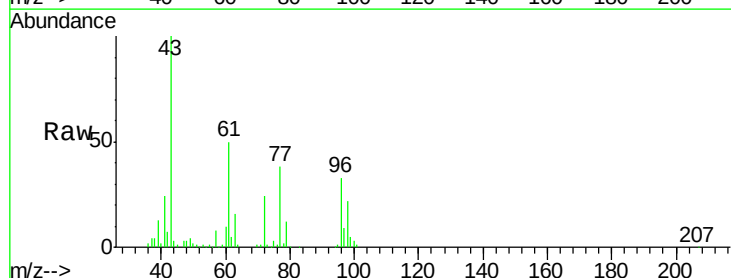
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

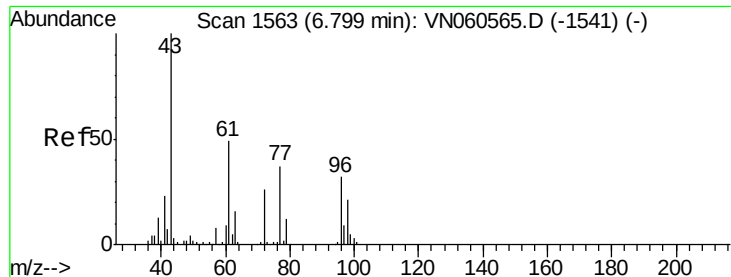
Tot Ion: 43 Resp: 350795
 Ion Ratio Lower Upper
 43 100
 72 24.3 20.4 30.6



#26
 2,2-Dichloropropane
 Concen: 46.625 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Tgt Ion: 77 Resp: 148160
 Ion Ratio Lower Upper
 77 100
 97 22.8 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.307 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

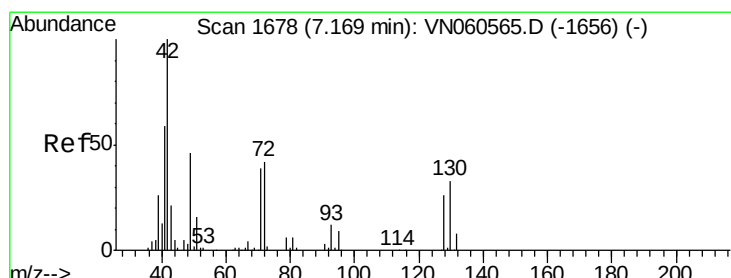
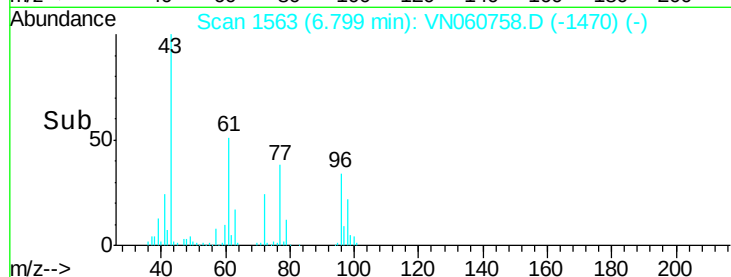
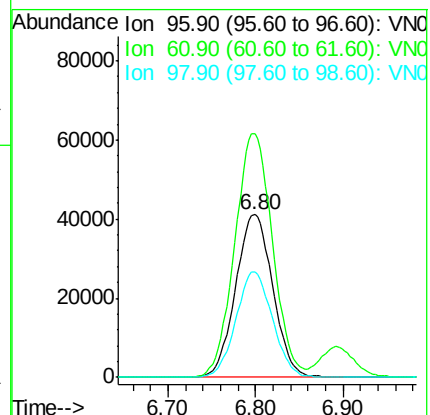
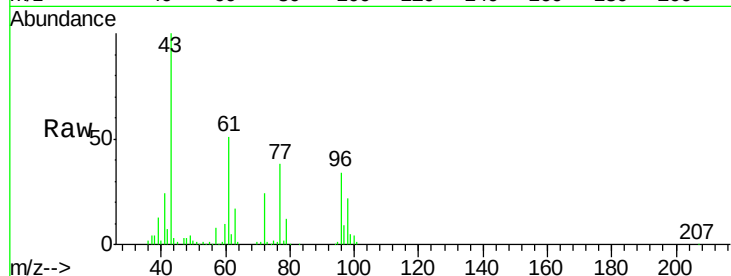
Tot Ion: 96 Resp: 121481

Ion Ratio Lower Upper

96 100

61 151.7 0.0 305.6

98 63.6 0.0 127.6



#28

Bromochloromethane

Concen: 52.432 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

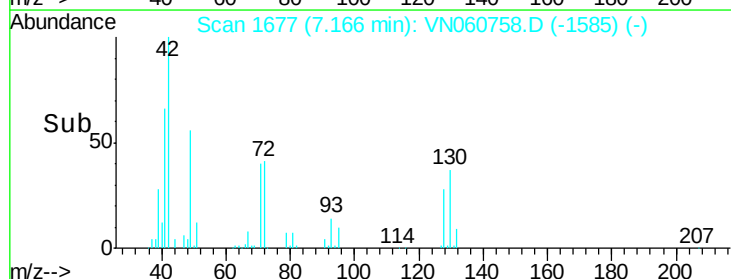
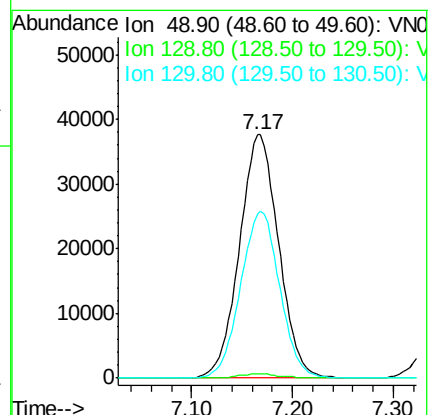
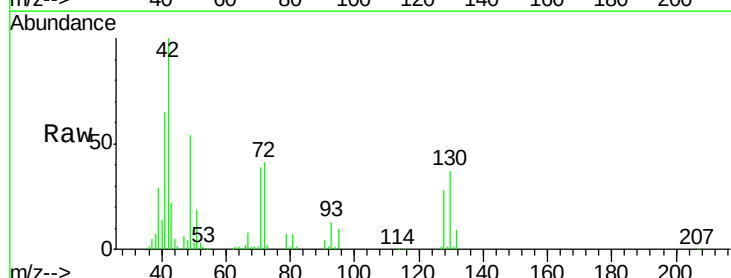
Tgt Ion: 49 Resp: 101315

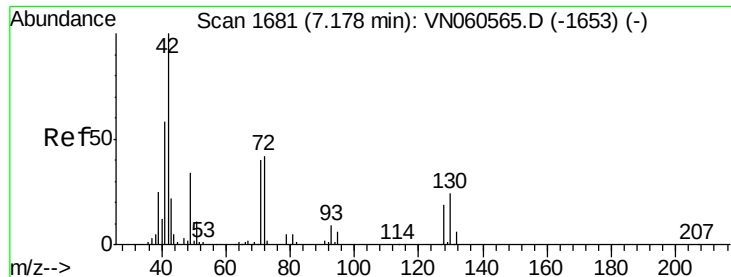
Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.4

130 68.3 55.0 82.4

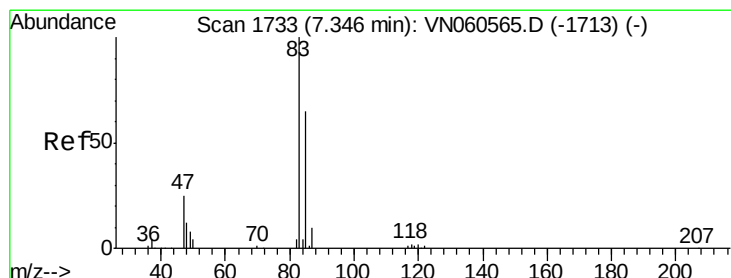
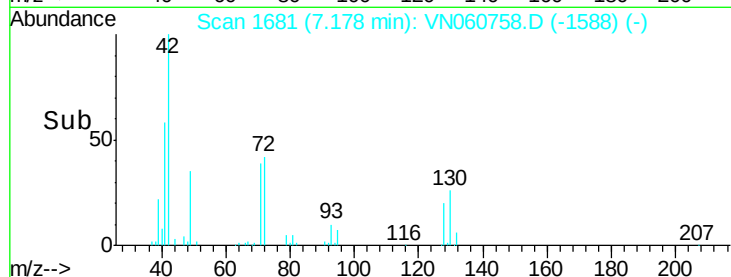
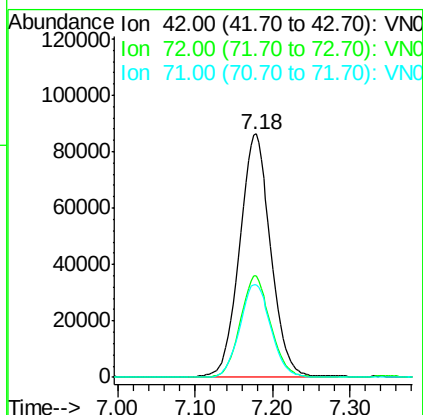
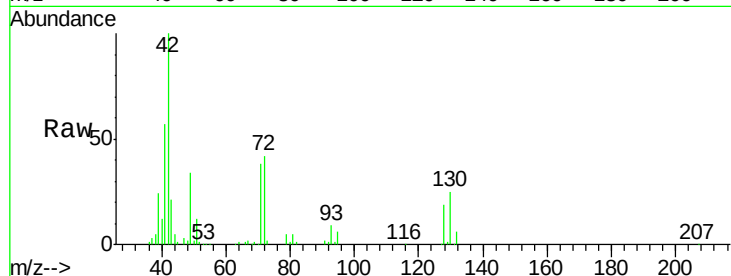




#29
Tetrahydrofuran
Concen: 235.467 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

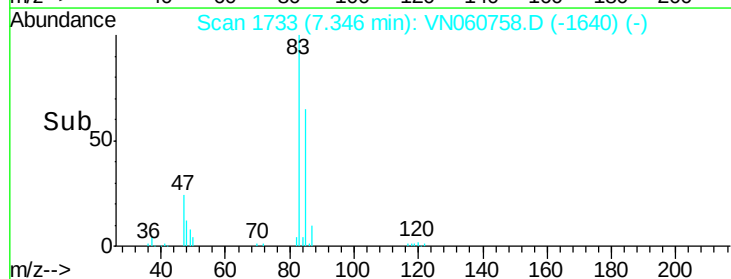
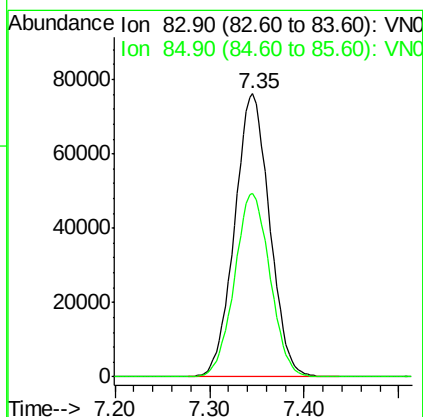
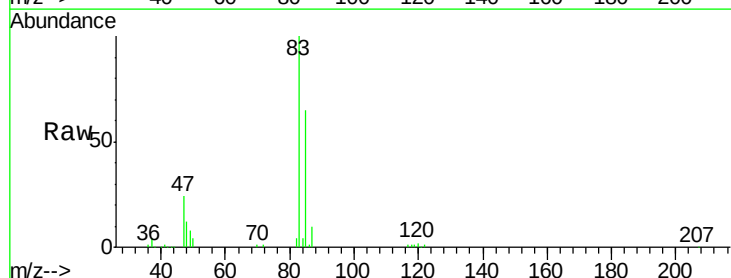
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

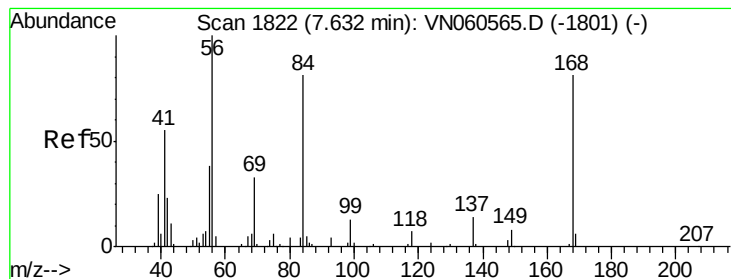
Tot Ion: 42 Resp: 241414
Ion Ratio Lower Upper
42 100
72 40.2 33.2 49.8
71 38.0 31.1 46.7



#30
Chloroform
Concen: 50.593 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion: 83 Resp: 195887
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8





#31

Cyclohexane

Concen: 47.567 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

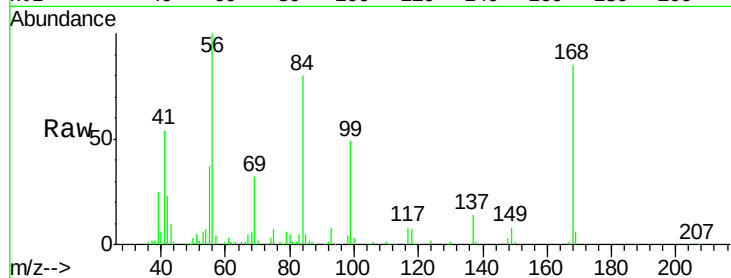
Tot Ion: 56 Resp: 193676

Ion Ratio Lower Upper

56 100

69 32.4 26.6 40.0

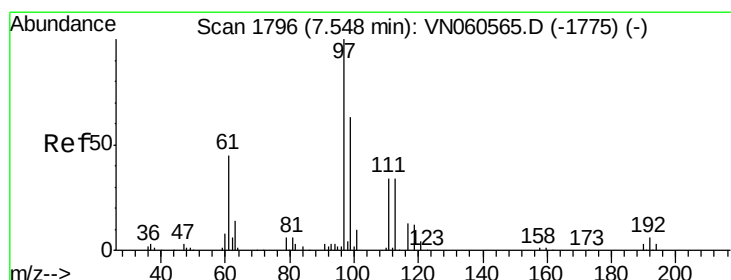
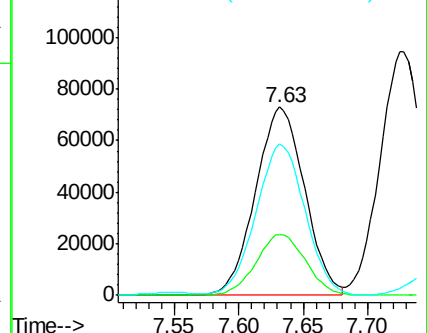
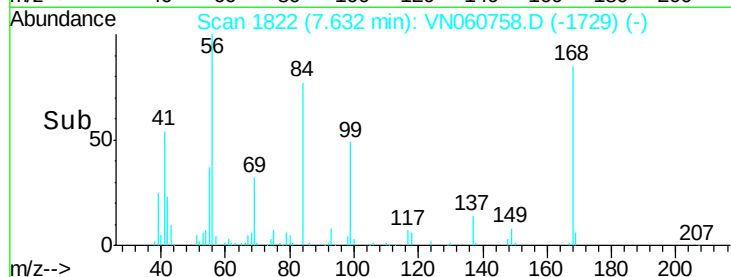
84 79.5 64.3 96.5



Abundance Ion 56.00 (55.70 to 56.70): VN060758.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN060758.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN060758.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 51.049 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

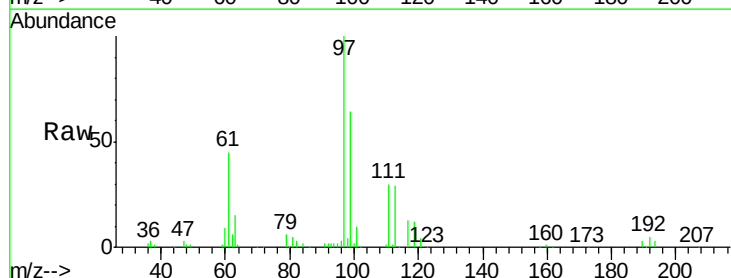
Tgt Ion: 97 Resp: 170390

Ion Ratio Lower Upper

97 100

99 63.8 50.6 75.8

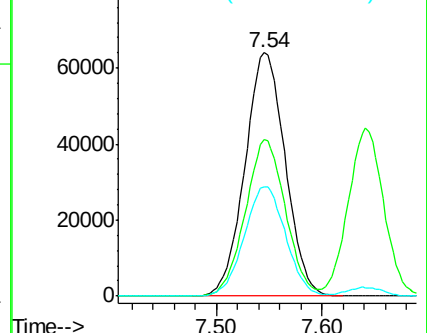
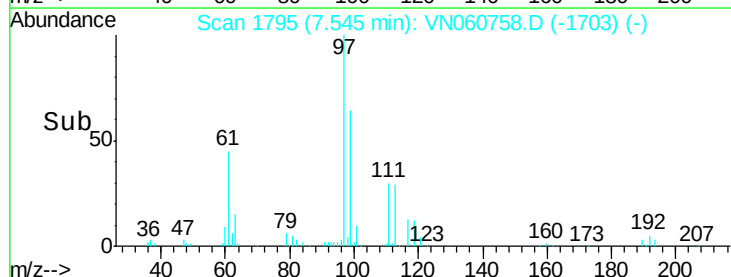
61 46.1 36.2 54.4

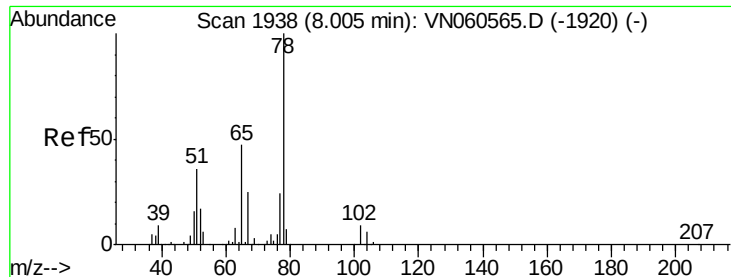


Abundance Ion 96.90 (96.60 to 97.60): VN060758.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN060758.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN060758.D (-1703) (-)

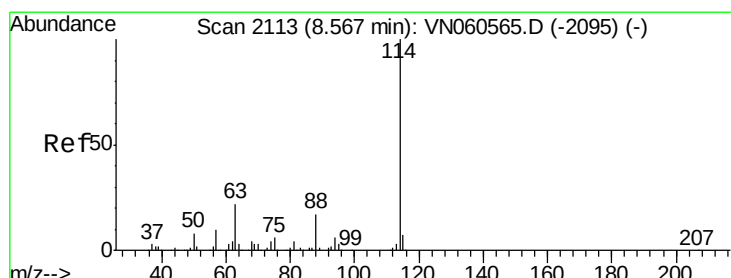
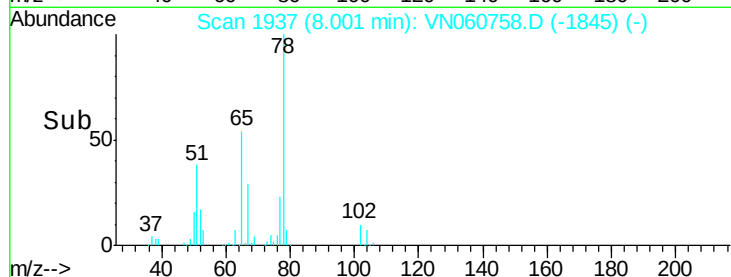
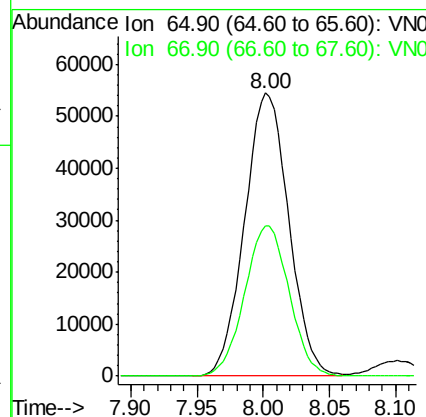
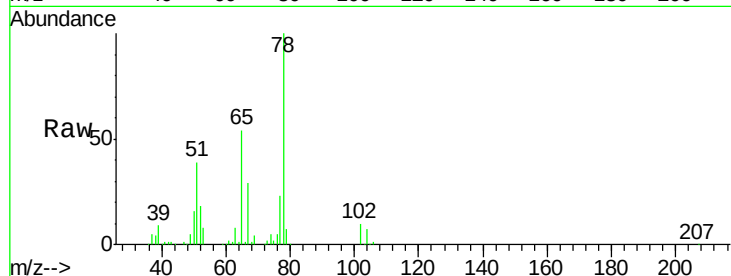




#33
 1,2-Dichloroethane-d4
 Concen: 49.990 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

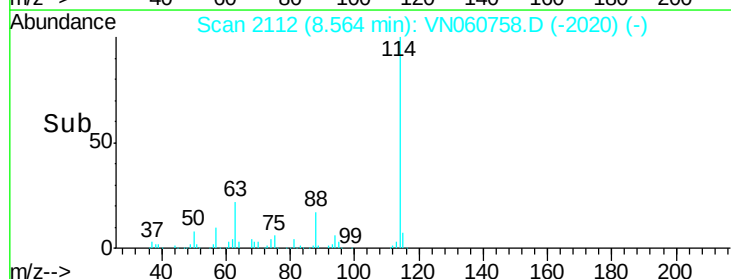
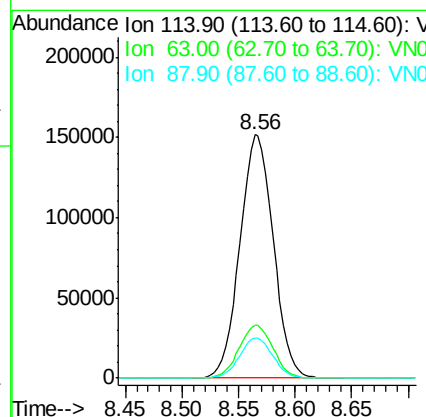
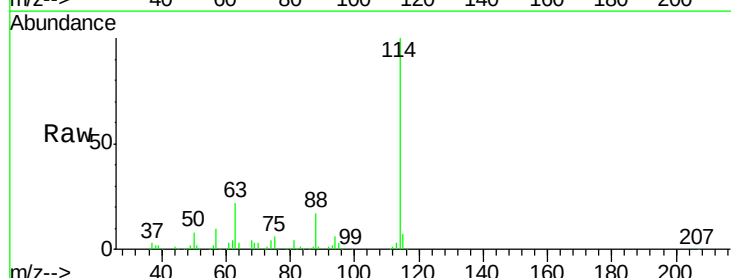
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

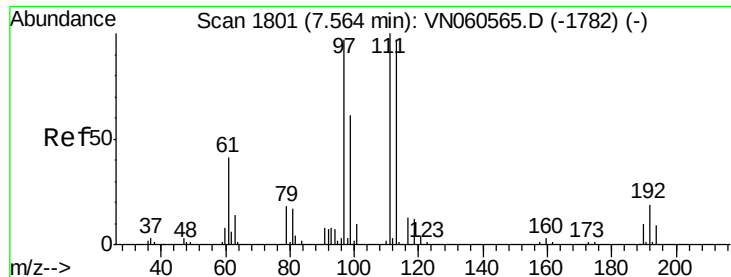
Tot Ion: 65 Resp: 126377
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Tgt Ion: 114 Resp: 312182
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.8
 88 16.6 0.0 33.0





#35

Dibromofluoromethane

Concen: 50.405 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

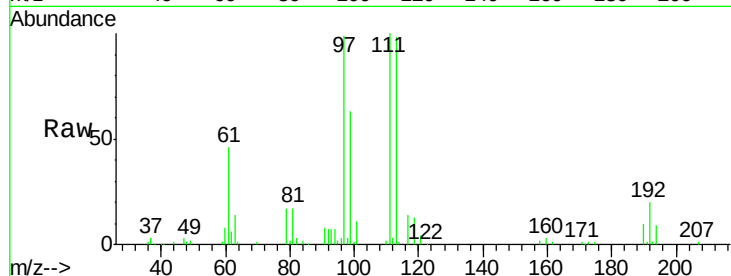
Tot Ion:113 Resp: 95147

Ion Ratio Lower Upper

113 100

111 102.7 82.9 124.3

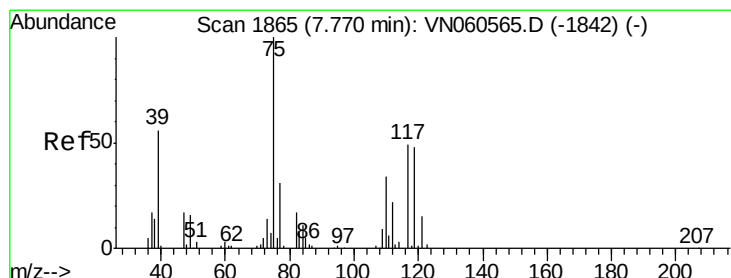
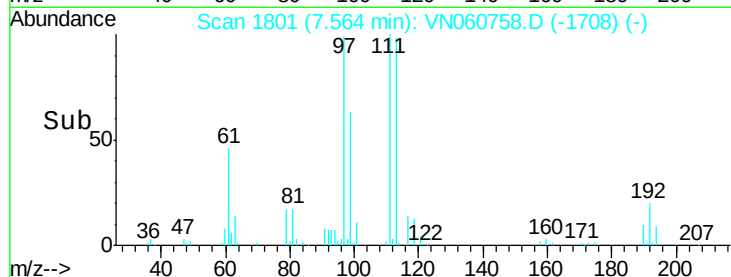
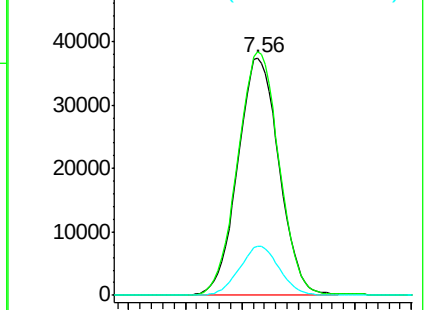
192 20.0 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 50.193 ug/l

RT: 7.77 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

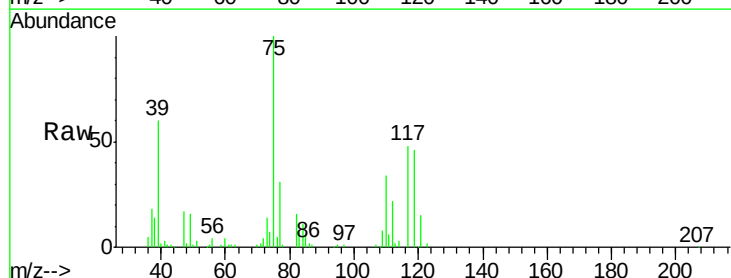
Tgt Ion: 75 Resp: 151729

Ion Ratio Lower Upper

75 100

110 33.7 16.9 50.6

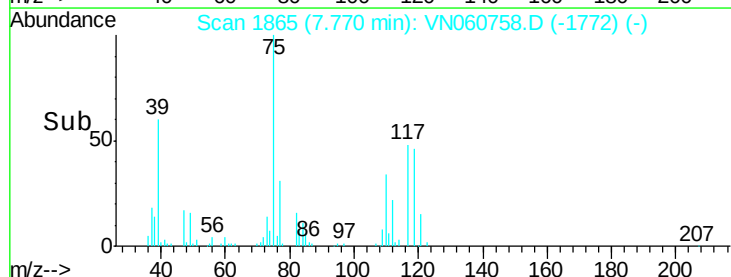
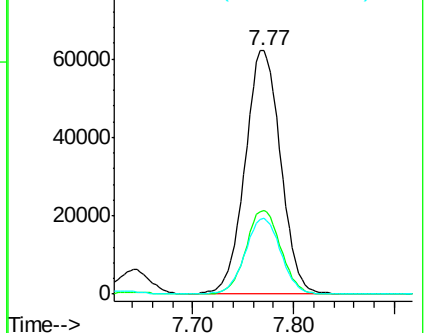
77 31.1 24.6 36.8

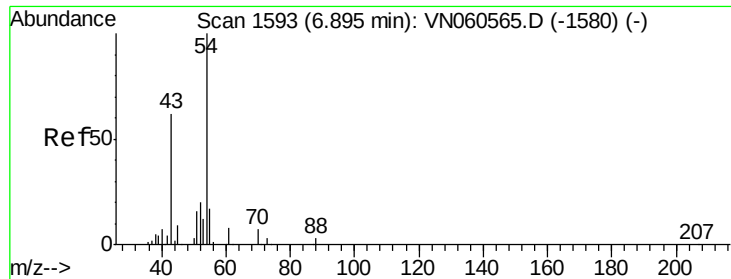


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

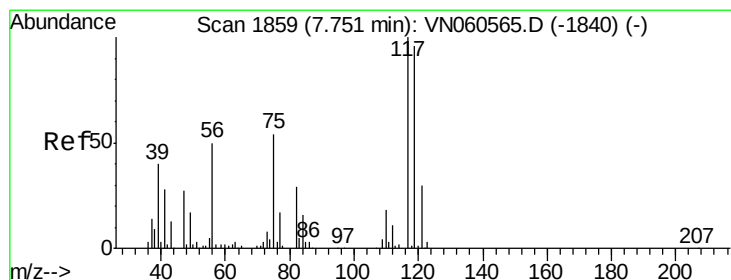
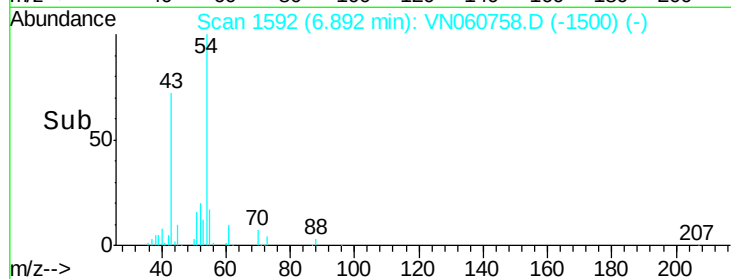
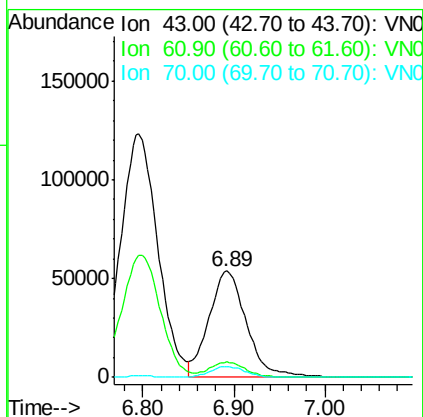
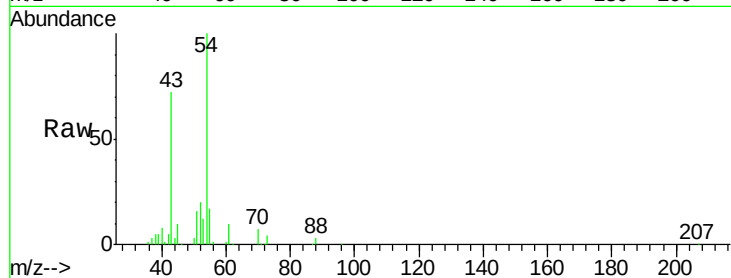




#37
Ethyl Acetate
Concen: 46.770 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

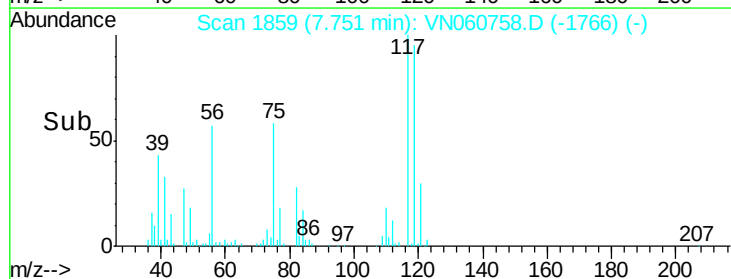
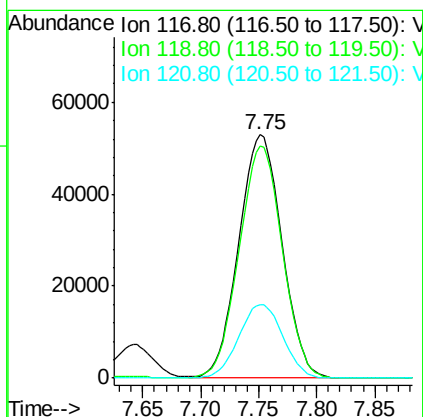
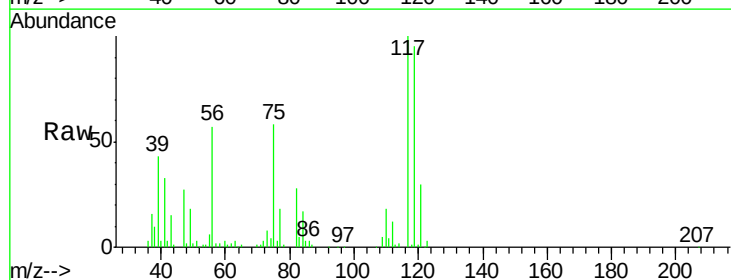
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

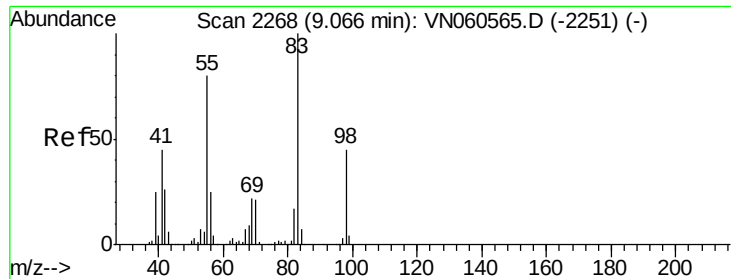
Tot Ion: 43 Resp: 152766
Ion Ratio Lower Upper
43 100
61 14.0 10.6 15.8
70 9.8 7.9 11.9



#38
Carbon Tetrachloride
Concen: 50.785 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion: 117 Resp: 137590
Ion Ratio Lower Upper
117 100
119 95.2 76.2 114.2
121 30.3 23.7 35.5

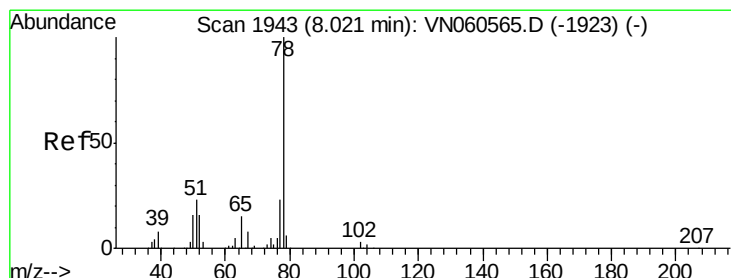
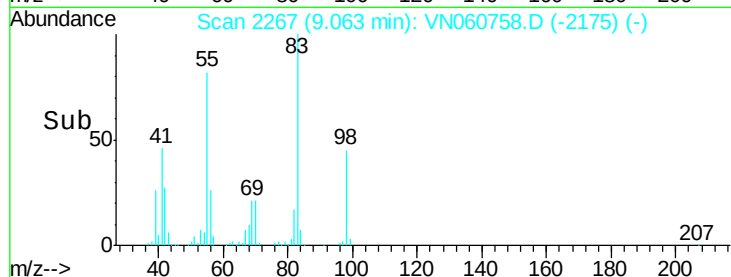
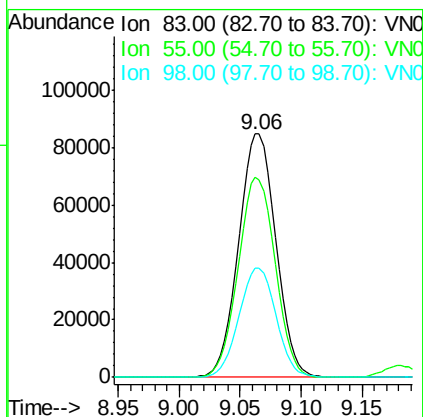
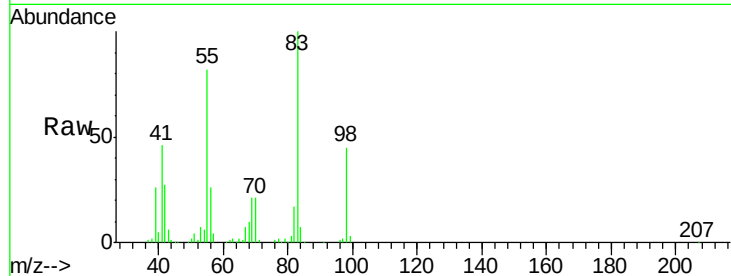




#39
Methylvlcyclohexane
Concen: 49.816 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

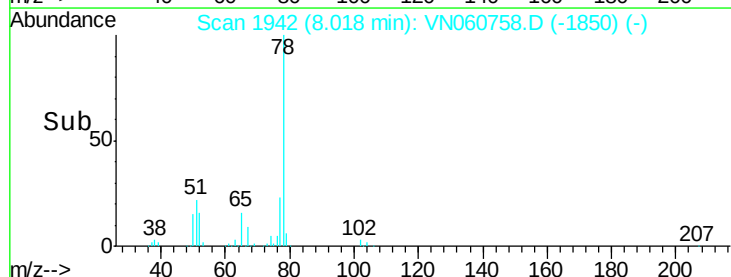
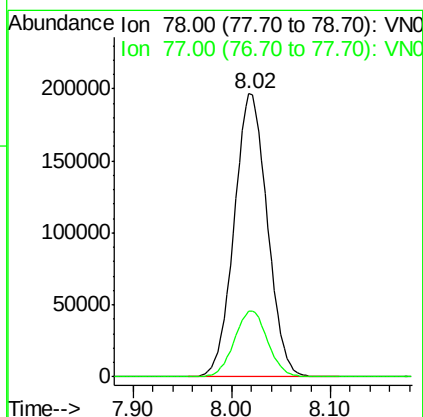
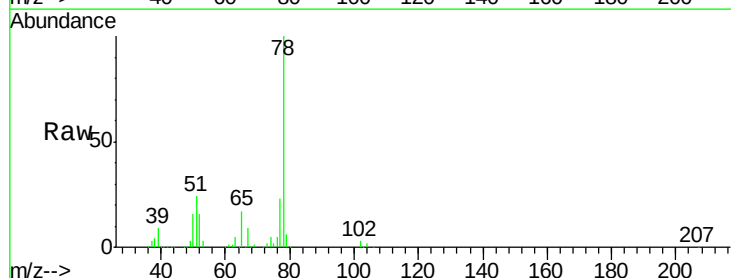
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

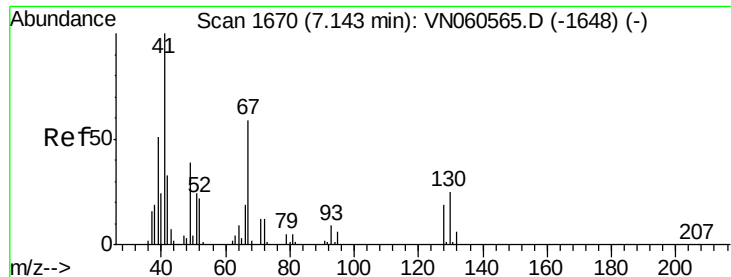
Tot Ion: 83 Resp: 178957
Ion Ratio Lower Upper
83 100
55 82.4 63.6 95.4
98 44.8 36.0 54.0



#40
Benzene
Concen: 50.231 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion: 78 Resp: 458380
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0

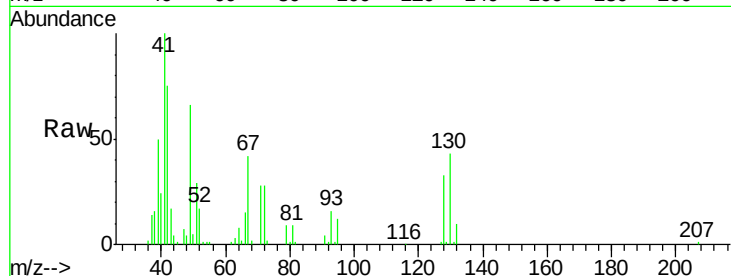




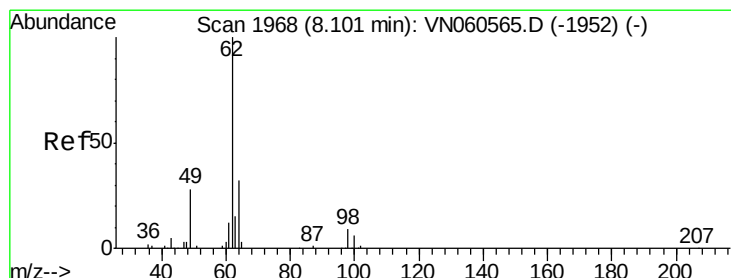
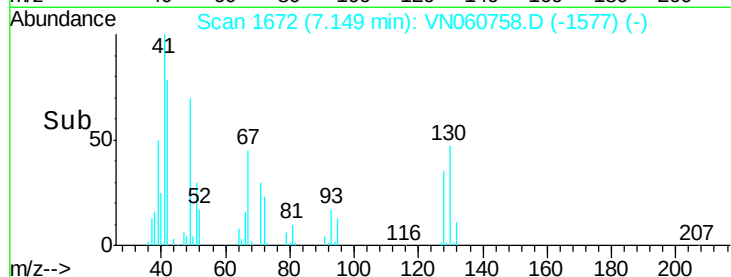
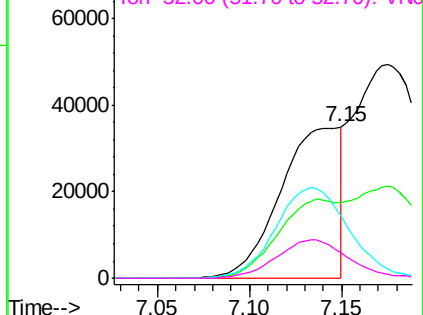
#41
Methacrylonitrile
Concen: 56.716 ug/l m
RT: 7.15 min Scan# 1672
Delta R.T. 0.01 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	79060
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

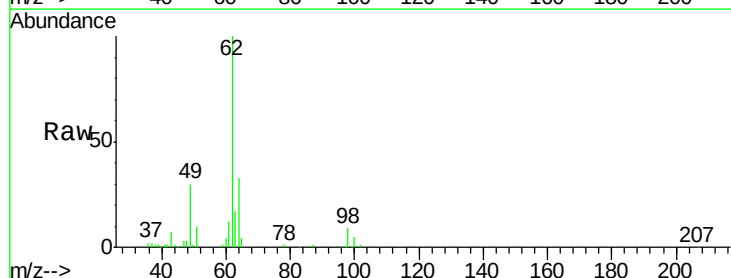


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

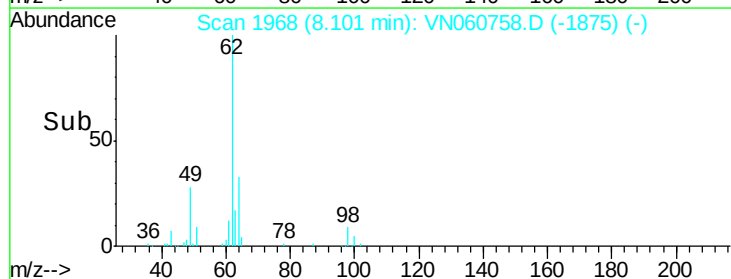
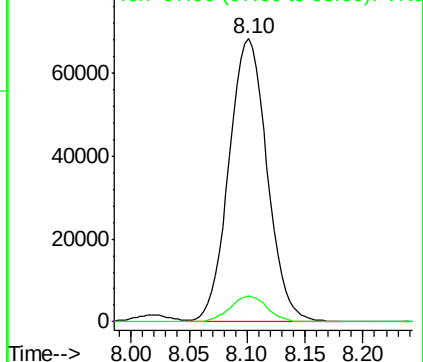


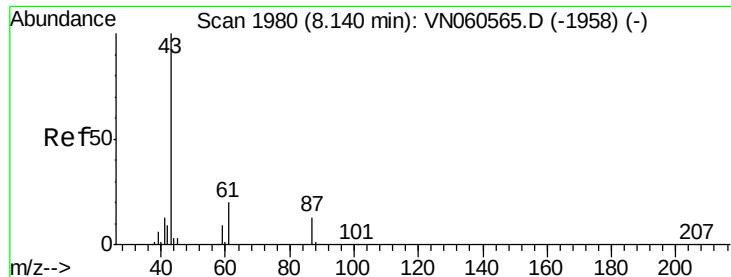
#42
1,2-Dichloroethane
Concen: 50.025 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion:	62	Resp:	156010
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



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





#43

Isopropyl Acetate

Concen: 48.821 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

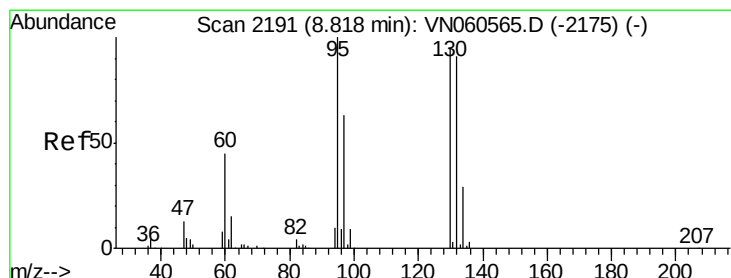
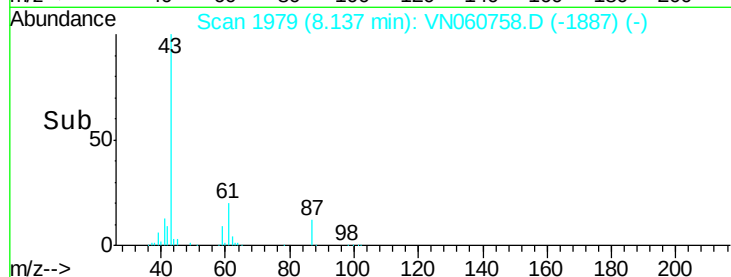
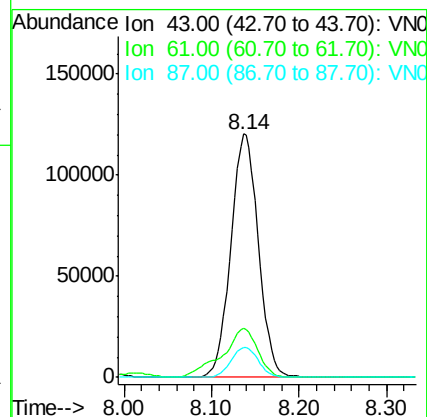
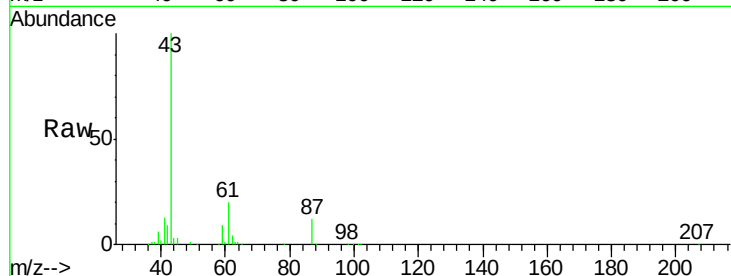
Tot Ion: 43 Resp: 262986

Ion Ratio Lower Upper

43 100

61 25.8 20.7 31.1

87 12.1 9.8 14.8



#44

Trichloroethene

Concen: 49.565 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN060758.D

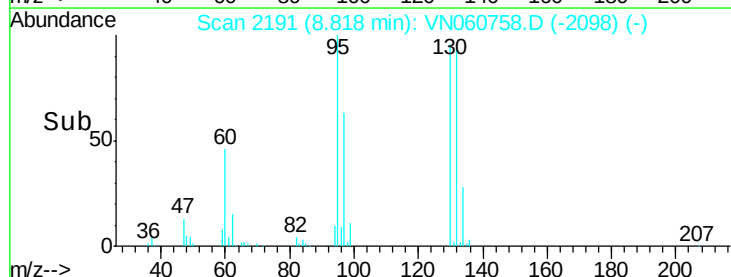
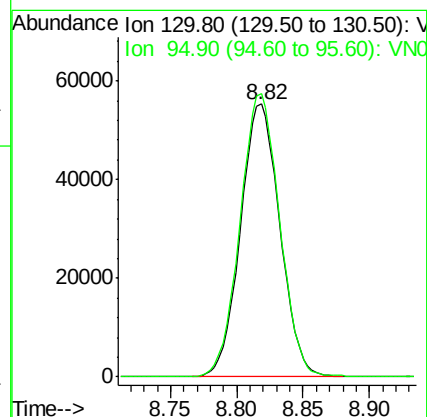
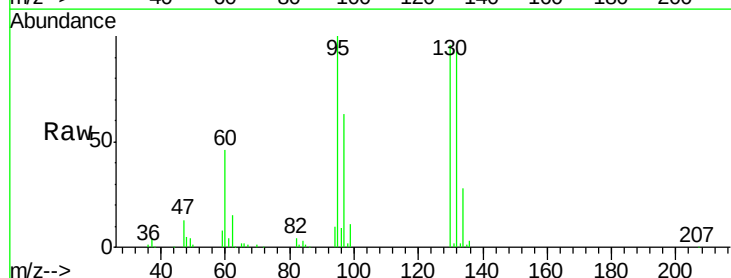
Acq: 27 Mar 2020 21:46

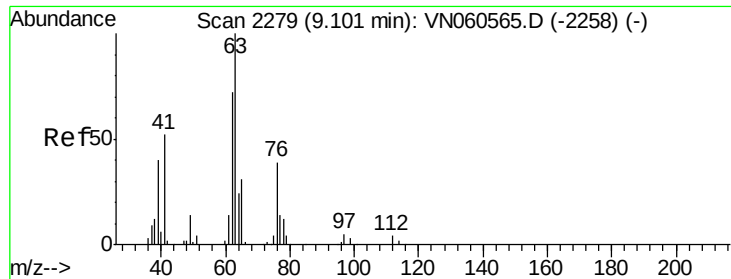
Tgt Ion:130 Resp: 114019

Ion Ratio Lower Upper

130 100

95 103.8 0.0 211.2





#45

1,2-Dichloropropane

Concen: 52.496 ug/l

RT: 9.10 min Scan# 2279

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

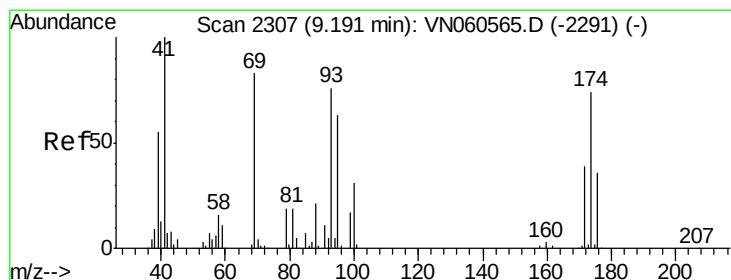
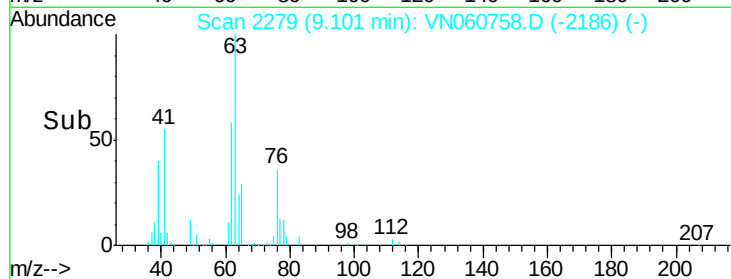
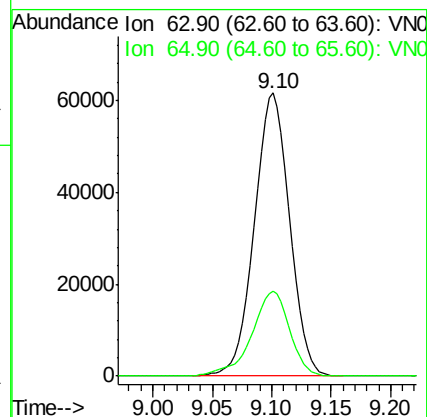
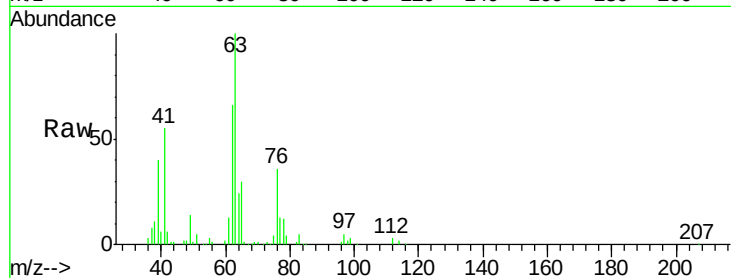
VSTDCCC050EC

Tot Ion: 63 Resp: 126404

Ion Ratio Lower Upper

63 100

65 30.0 25.4 38.0



#46

Dibromomethane

Concen: 51.038 ug/l

RT: 9.19 min Scan# 2307

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

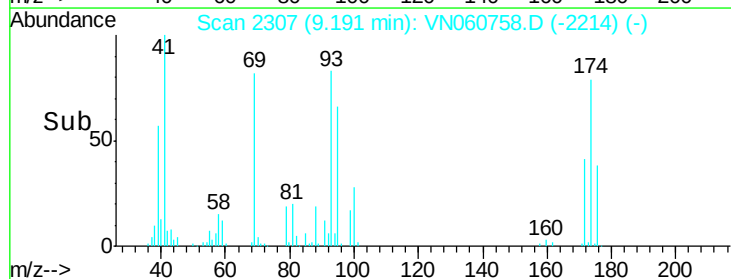
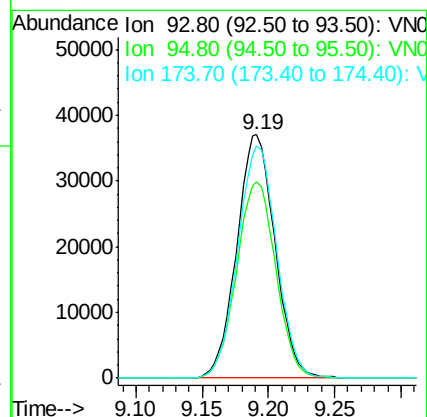
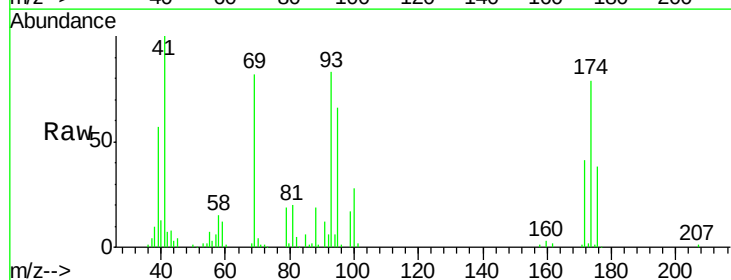
Tgt Ion: 93 Resp: 74296

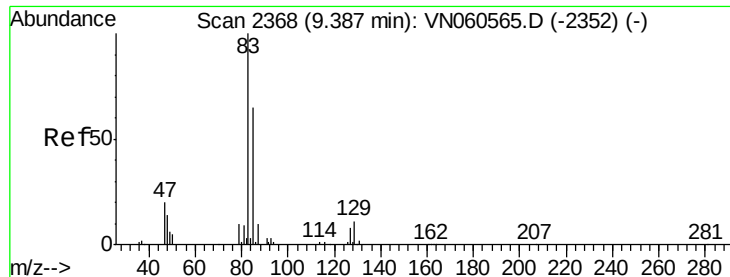
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 97.1 77.9 116.9





#47

Bromodichloromethane

Concen: 51.847 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

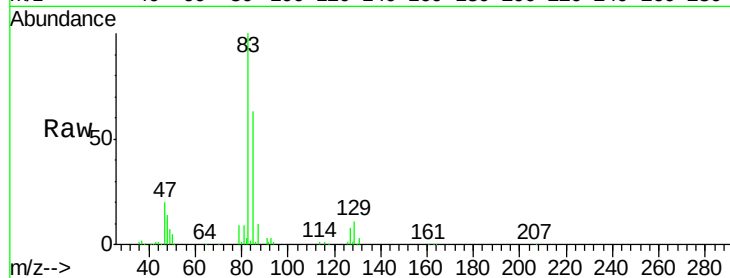
Tot Ion: 83 Resp: 156836

Ion Ratio Lower Upper

83 100

85 63.3 51.8 77.6

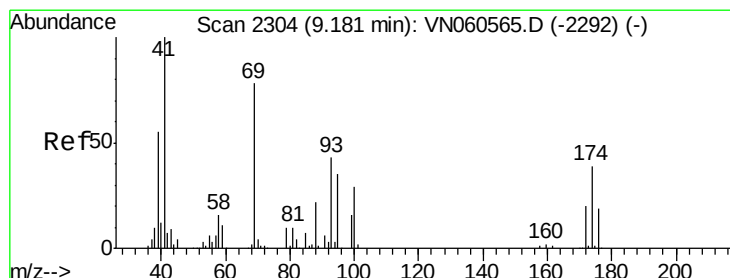
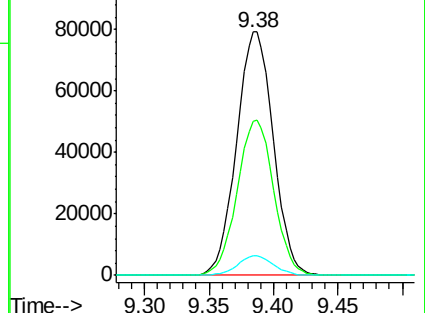
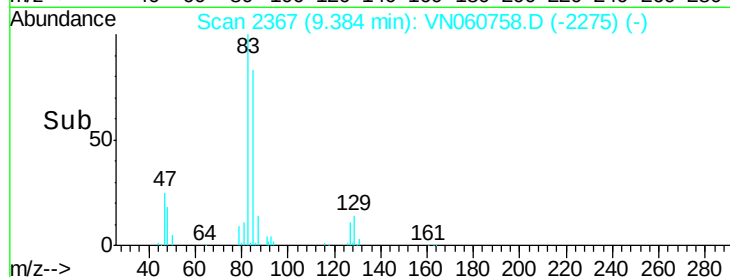
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060758.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060758.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060758.D (-2275) (-)



#48

Methyl methacrylate

Concen: 48.852 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

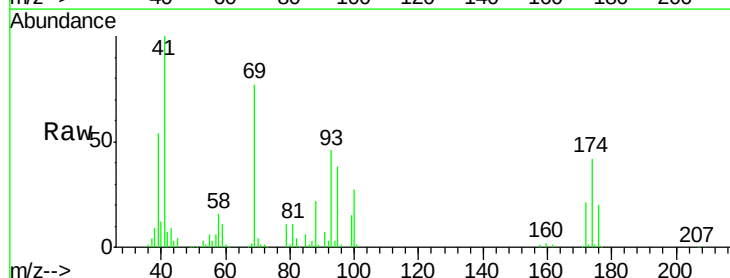
Tgt Ion: 41 Resp: 117164

Ion Ratio Lower Upper

41 100

69 81.3 65.4 98.0

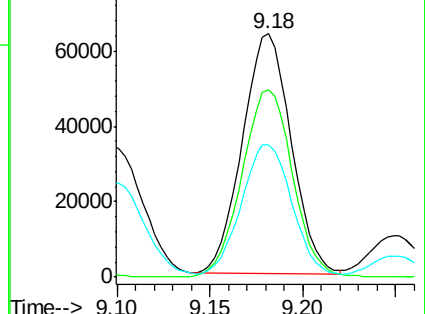
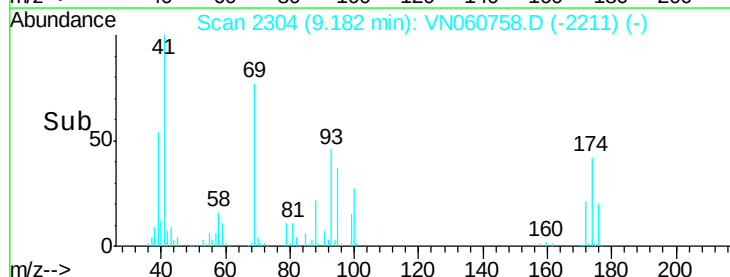
39 55.2 44.0 66.0

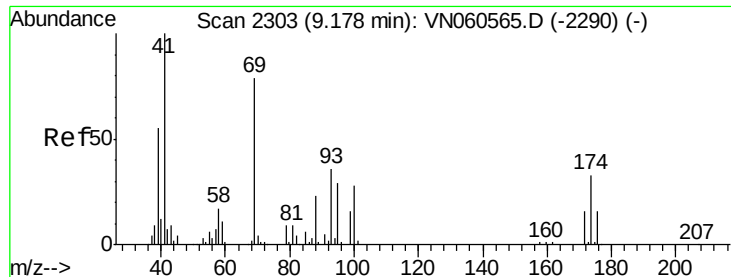


Abundance Ion 41.00 (40.70 to 41.70): VN060758.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060758.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060758.D (-2211) (-)

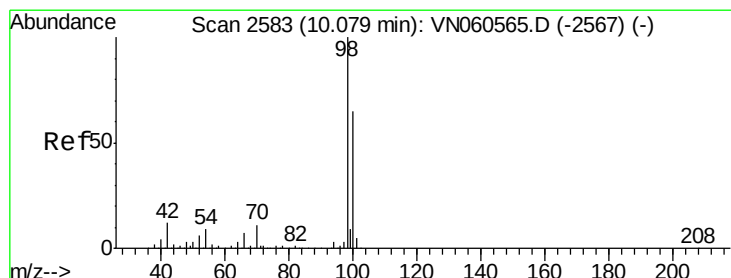
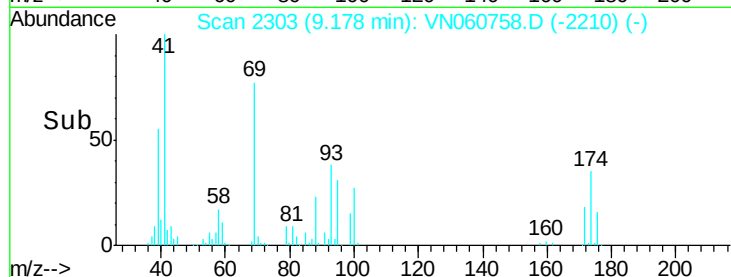
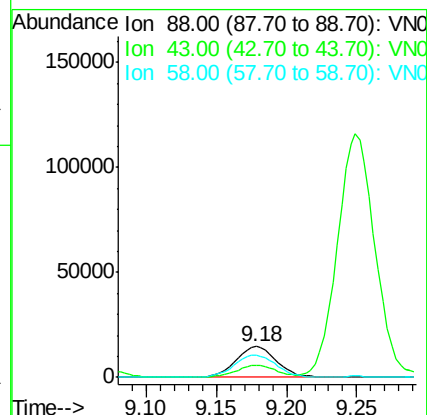
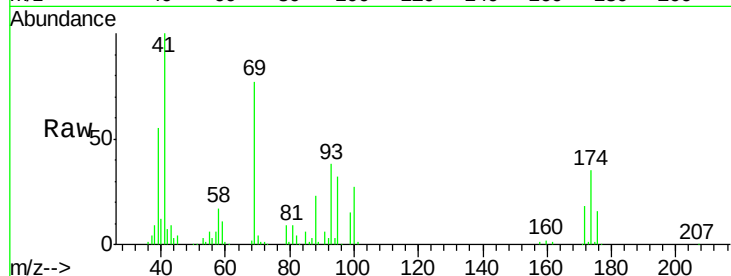




#49
1,4-Dioxane
Concen: 1034.692 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

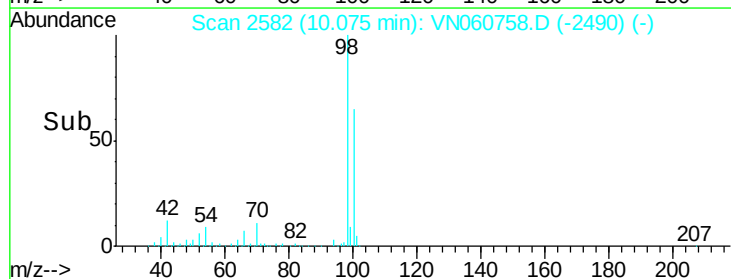
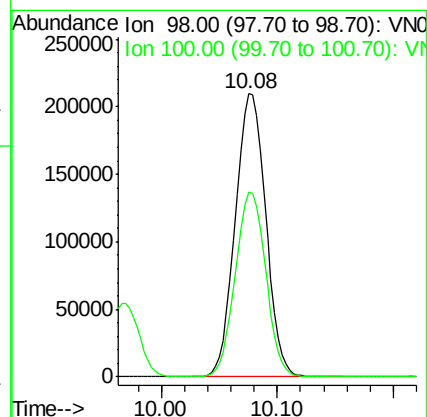
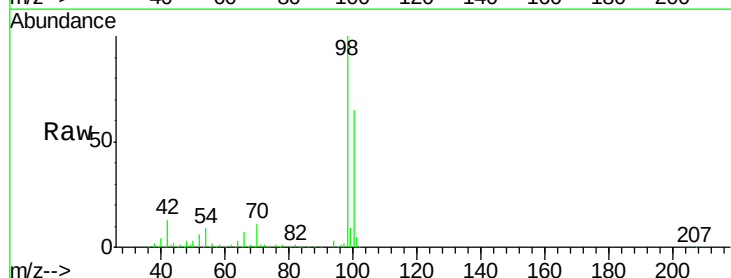
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

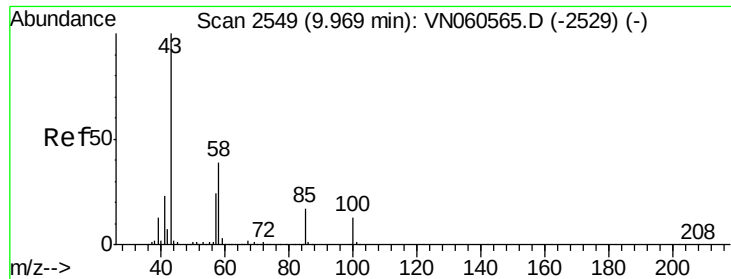
Tot Ion: 88 Resp: 29496
Ion Ratio Lower Upper
88 100
43 37.5 30.8 46.2
58 74.3 59.8 89.8



#50
Toluene-d8
Concen: 49.496 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion: 98 Resp: 381634
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8

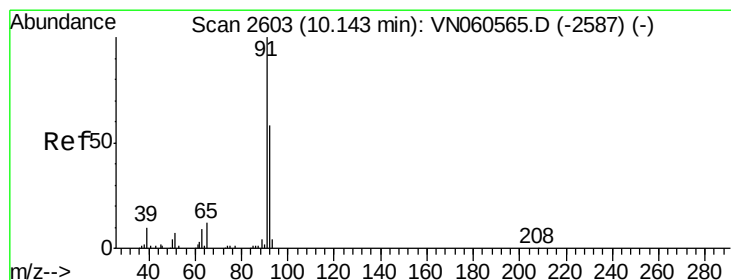
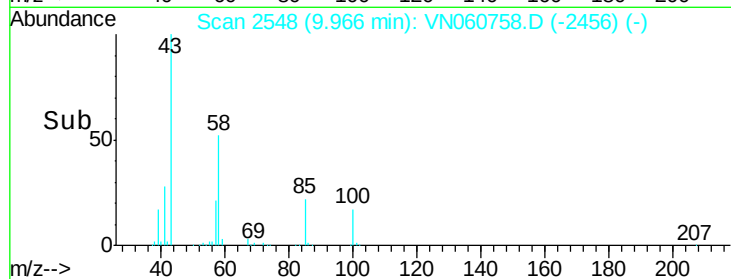
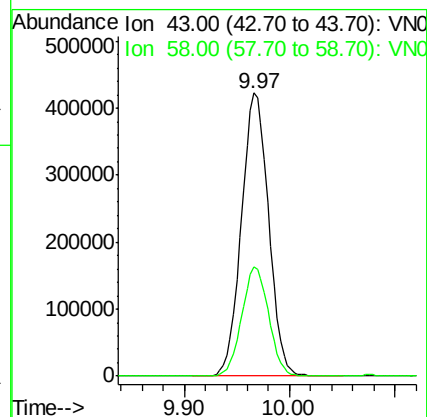
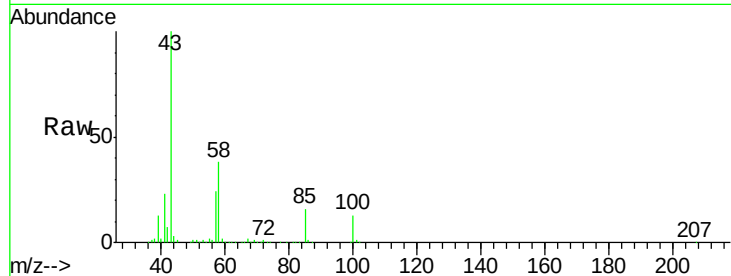




#51
 4-Methyl-2-Pentanone
 Concen: 246.251 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

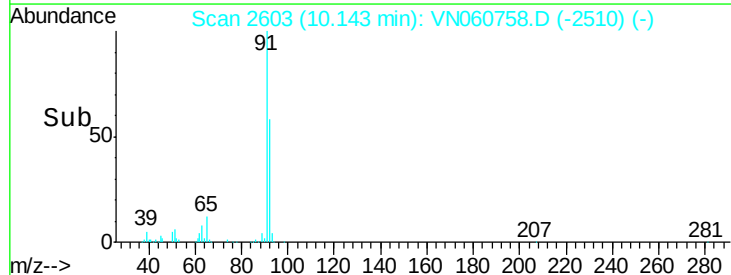
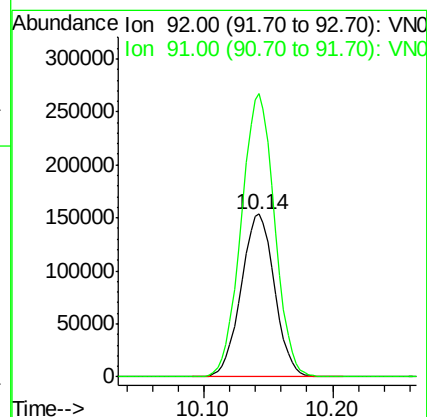
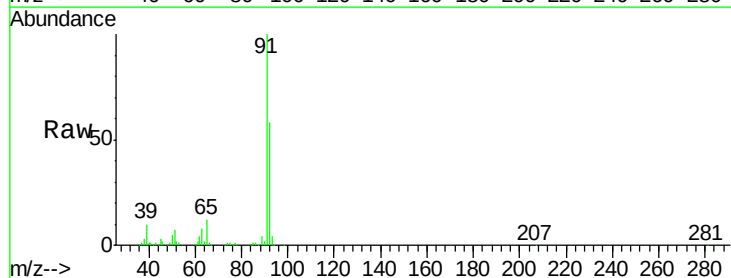
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

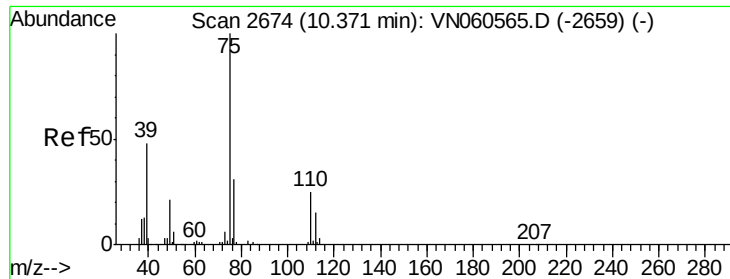
Tot Ion: 43 Resp: 754833
 Ion Ratio Lower Upper
 43 100
 58 38.2 30.8 46.2



#52
 Toluene
 Concen: 50.166 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Tgt Ion: 92 Resp: 276470
 Ion Ratio Lower Upper
 92 100
 91 173.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.916 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

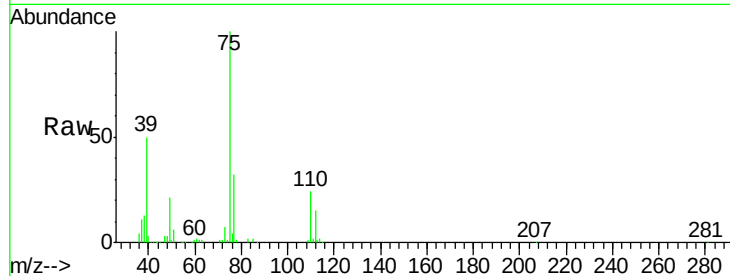
VSTDCCC050EC

Tot Ion: 75 Resp: 176919

Ion Ratio Lower Upper

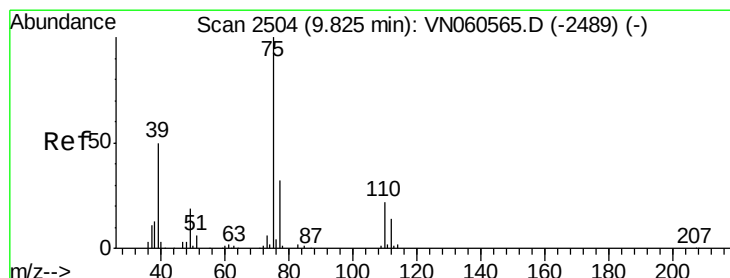
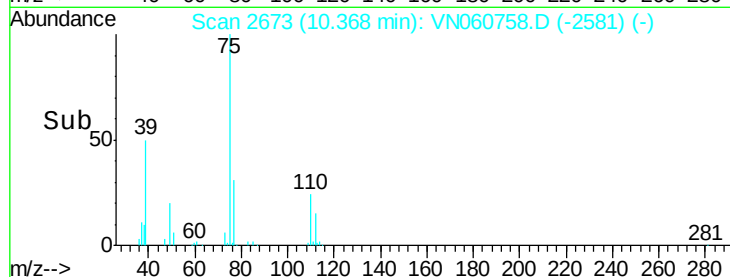
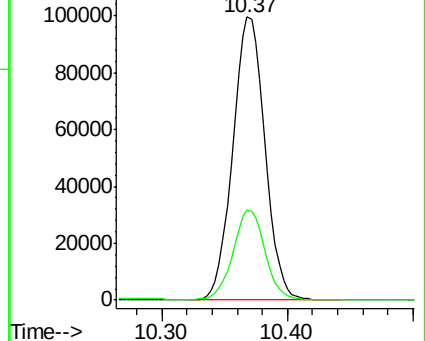
75 100

77 31.7 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 50.470 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

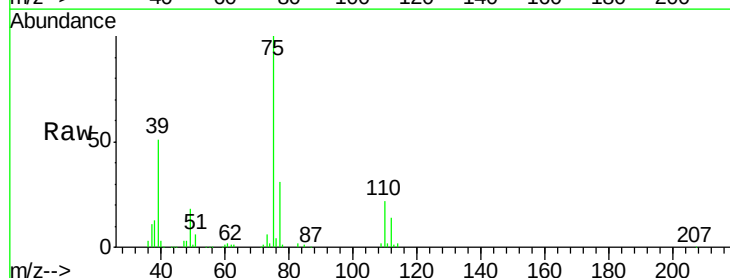
Tgt Ion: 75 Resp: 192388

Ion Ratio Lower Upper

75 100

77 30.6 25.4 38.0

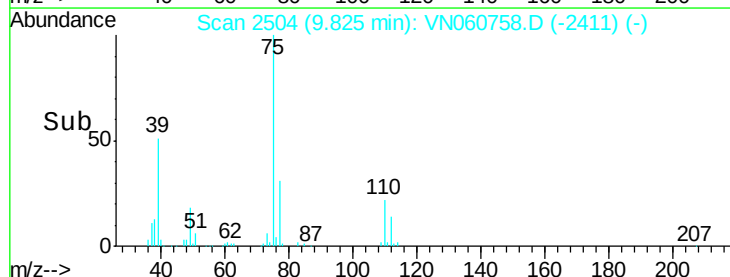
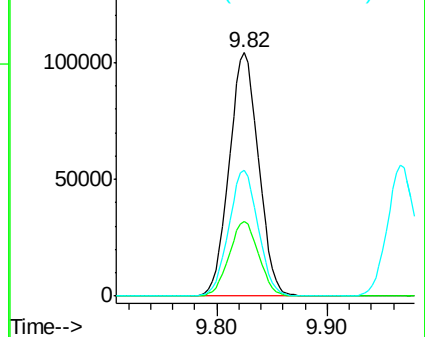
39 51.5 40.2 60.4

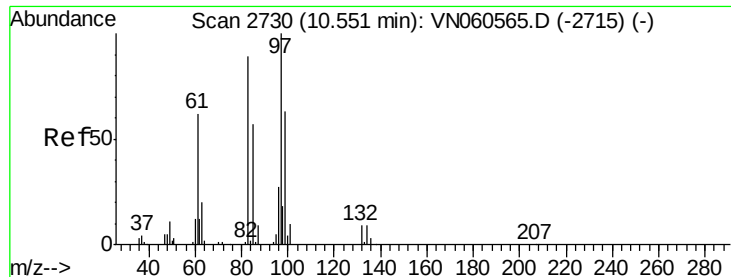


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 50.383 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 106821

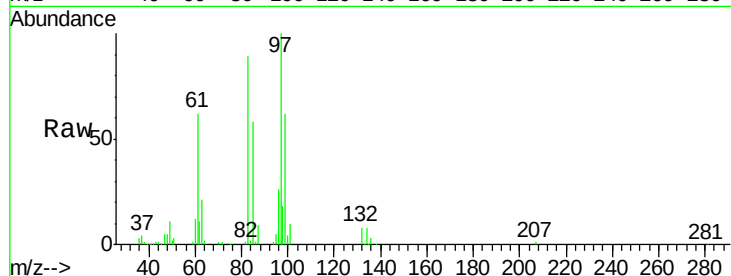
Ion Ratio Lower Upper

97 100

83 88.7 71.3 106.9

85 57.6 45.2 67.8

99 62.4 50.1 75.1

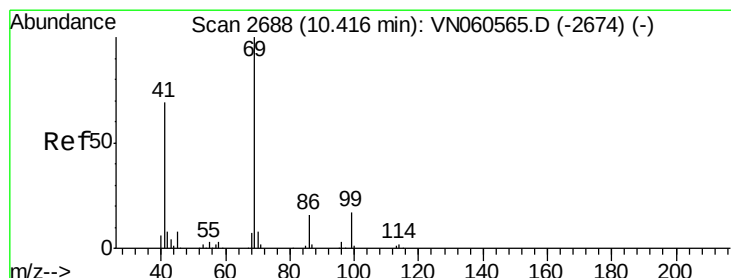
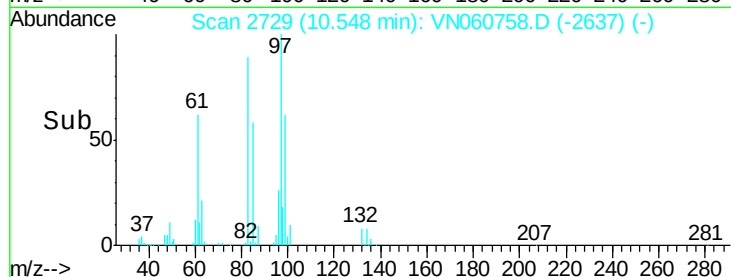
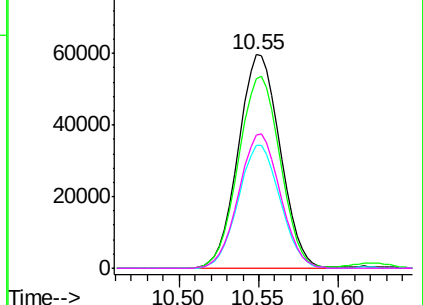


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 50.727 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

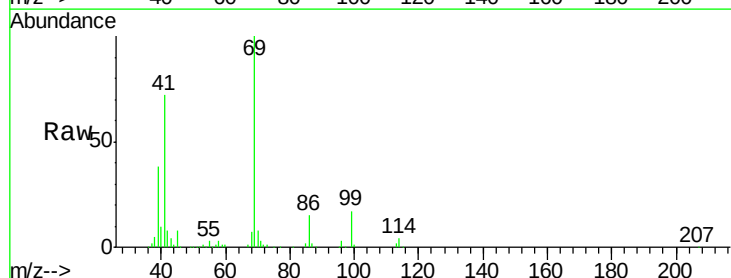
Tgt Ion: 69 Resp: 167697

Ion Ratio Lower Upper

69 100

41 71.2 55.4 83.2

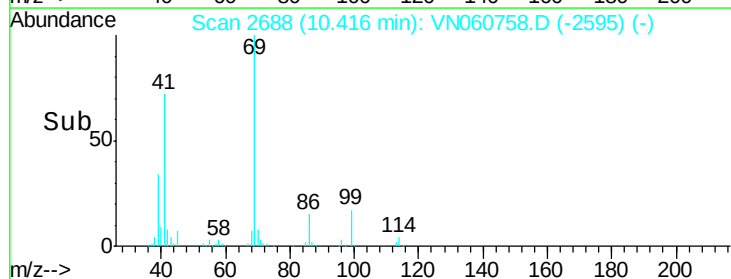
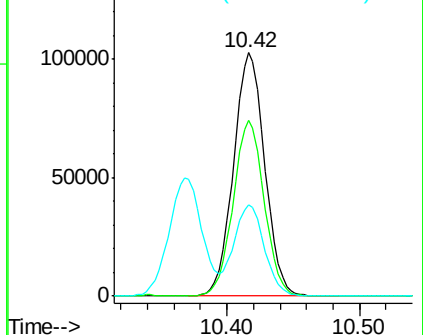
39 36.7 29.4 44.0

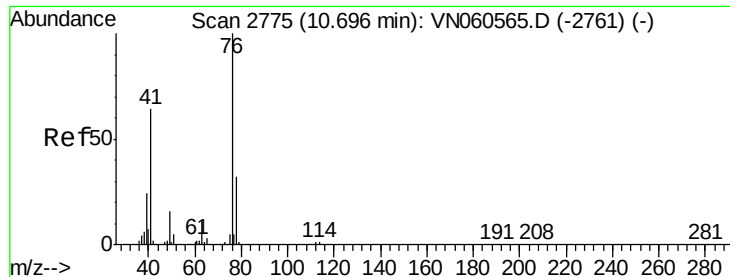


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.813 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

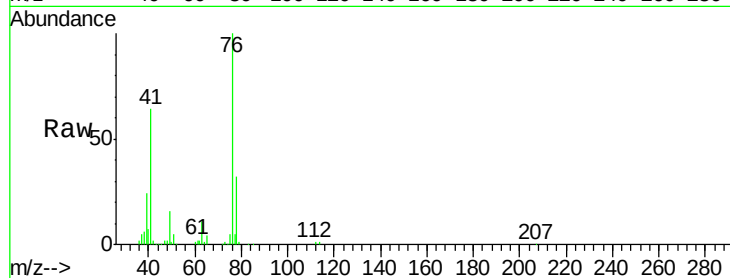
VSTDCCC050EC

Tot Ion: 76 Resp: 186952

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060758.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060758.D (-2682) (-)

10.70

120000

100000

80000

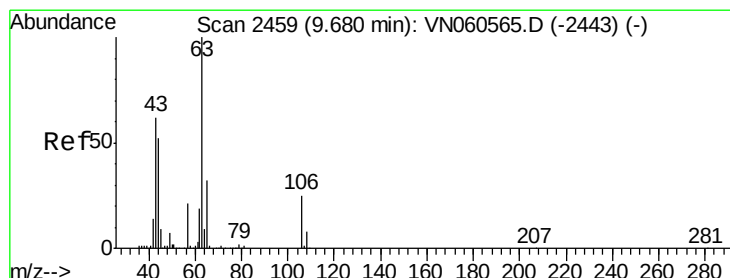
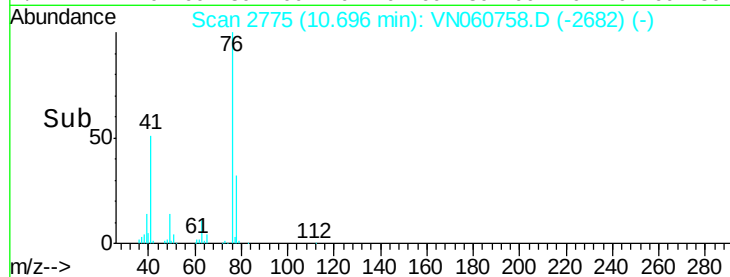
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 236.426 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. 0.00 min

Lab File: VN060758.D

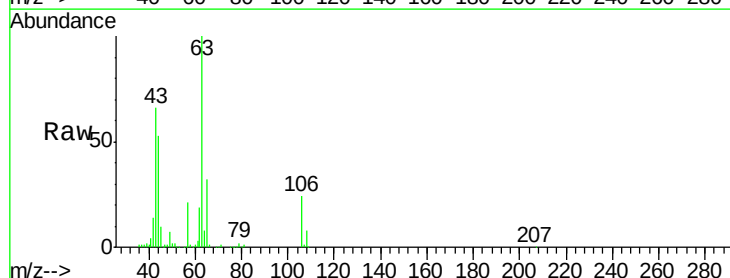
Acq: 27 Mar 2020 21:46

Tgt Ion: 63 Resp: 388462

Ion Ratio Lower Upper

63 100

106 24.6 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060758.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060758.D (-2366) (-)

9.68

250000

200000

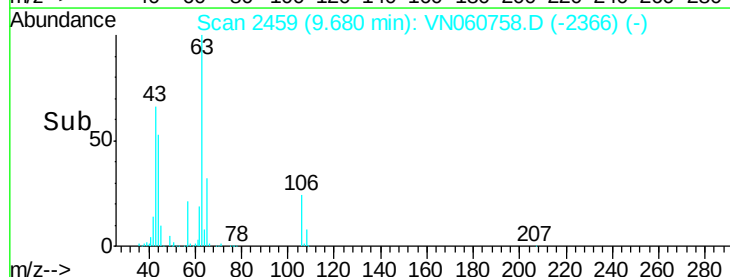
150000

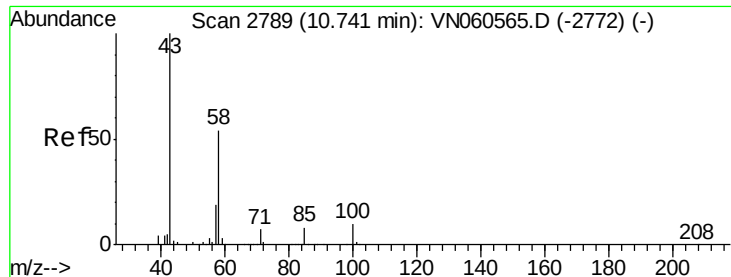
100000

50000

0

Time--> 9.60 9.70 9.80

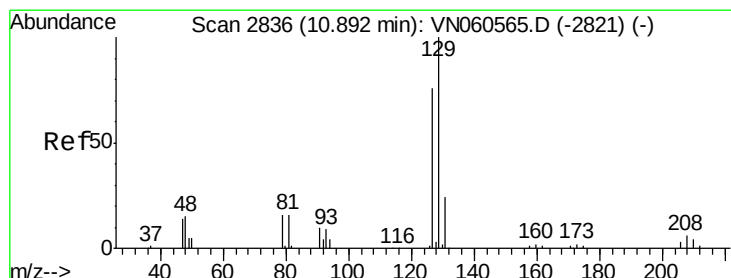
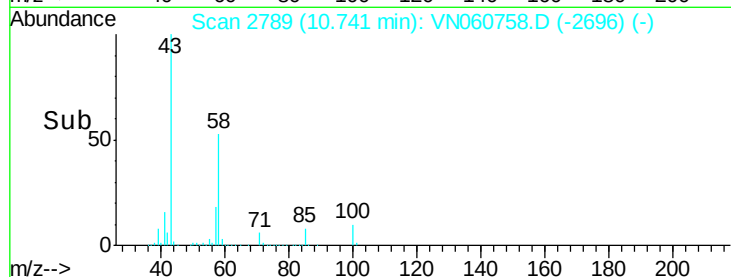
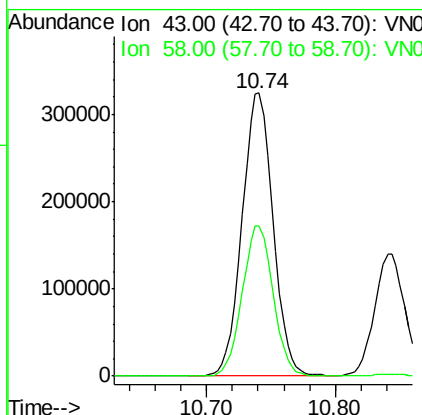
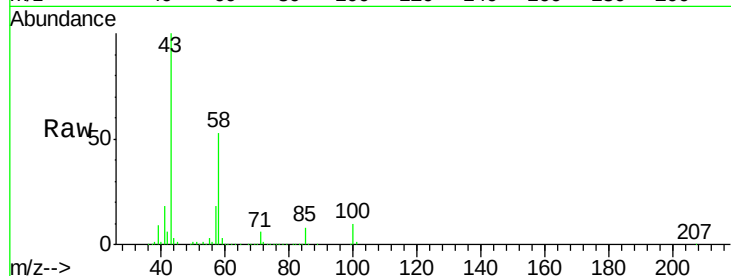




#59
2-Hexanone
Concen: 245.217 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

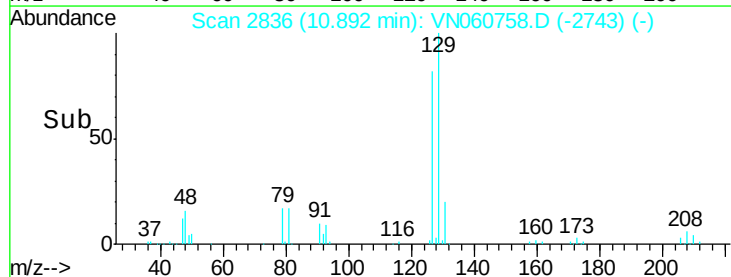
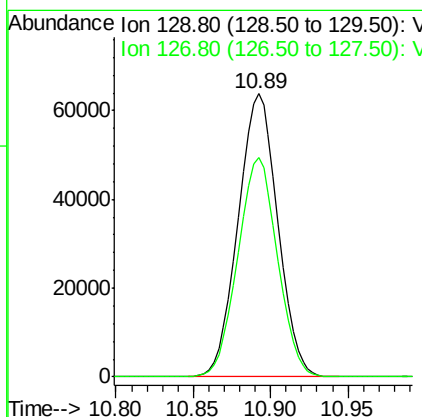
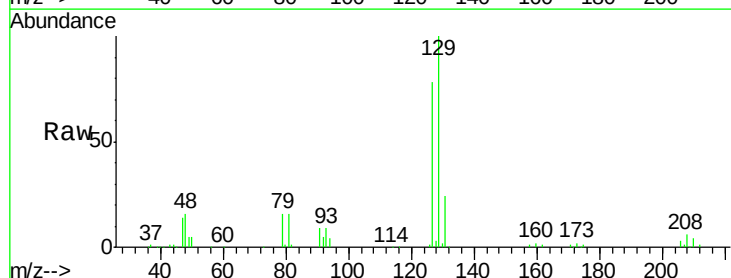
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

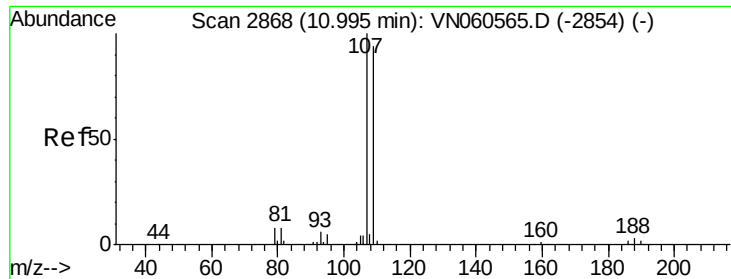
Tot Ion: 43 Resp: 541462
Ion Ratio Lower Upper
43 100
58 53.0 26.7 80.1



#60
Dibromochloromethane
Concen: 51.847 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion: 129 Resp: 113548
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

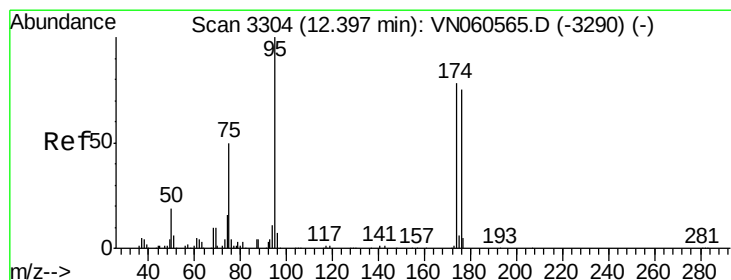
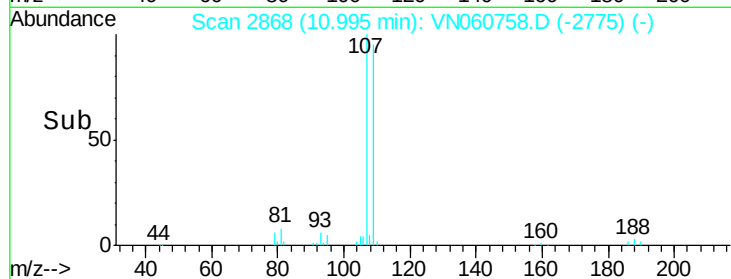
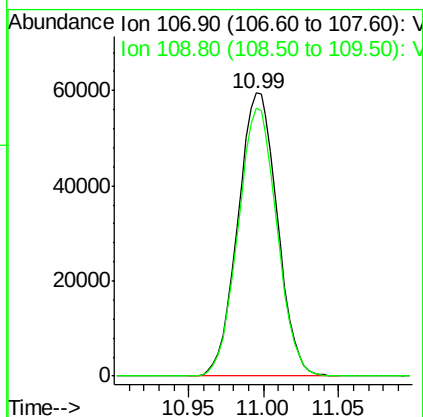
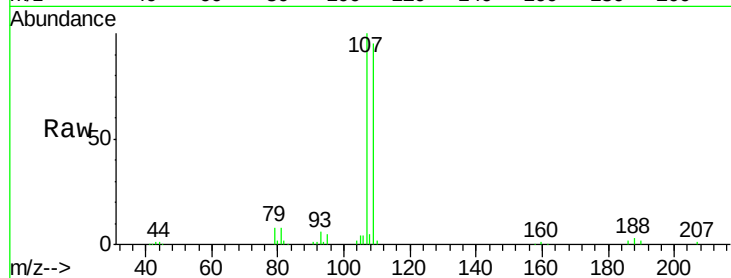




#61
 1,2-Dibromoethane
 Concen: 51.138 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

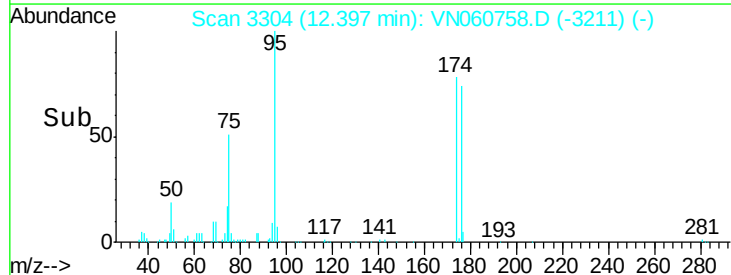
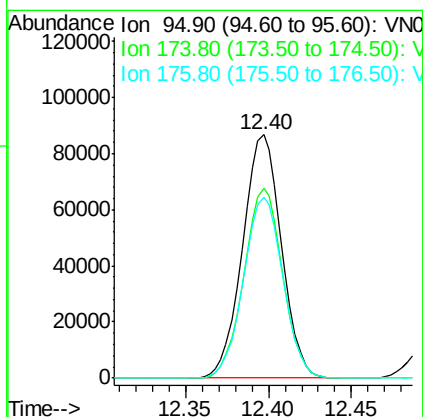
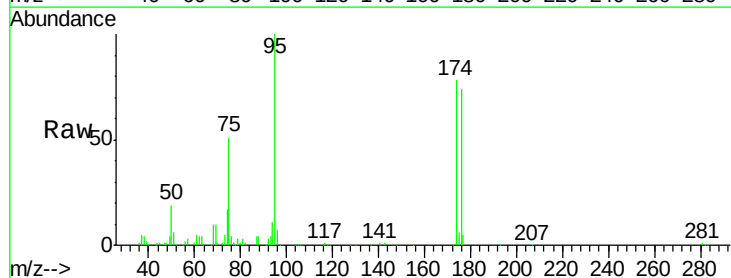
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

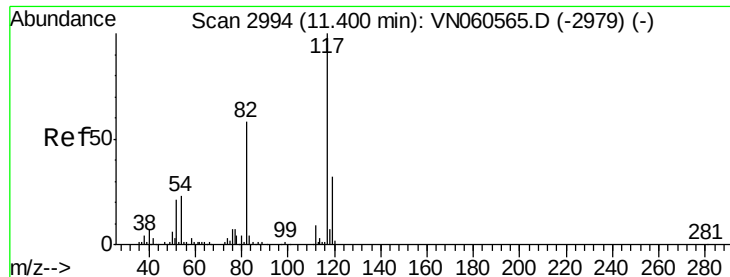
Tot Ion:107 Resp: 109025
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 49.911 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Tgt Ion: 95 Resp: 141036
 Ion Ratio Lower Upper
 95 100
 174 78.1 0.0 157.6
 176 75.5 0.0 150.6

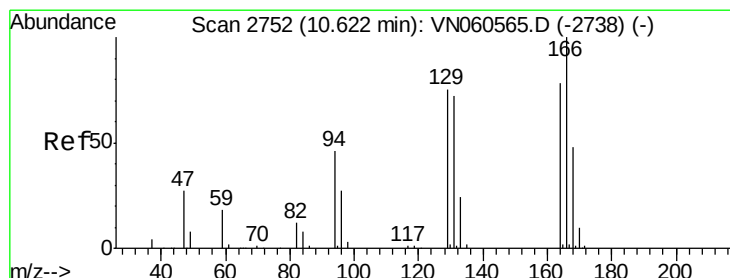
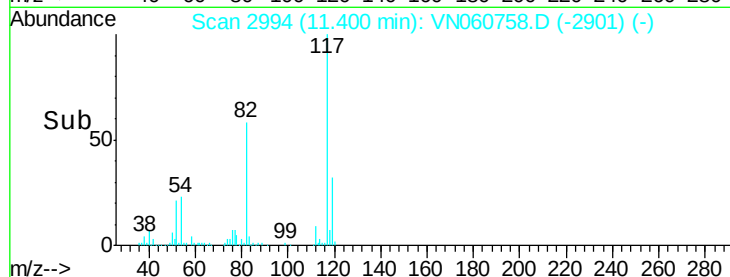
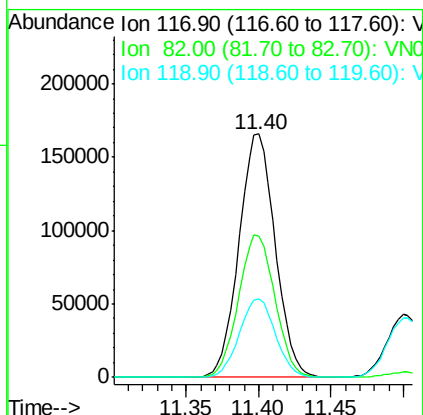
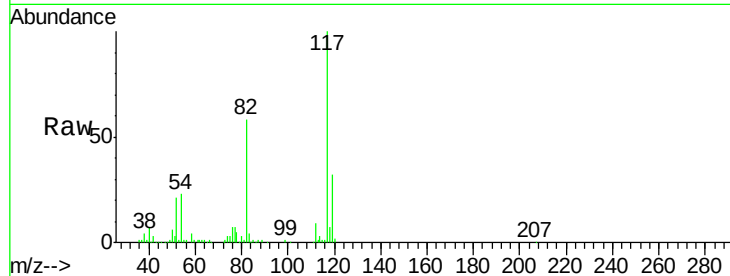




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

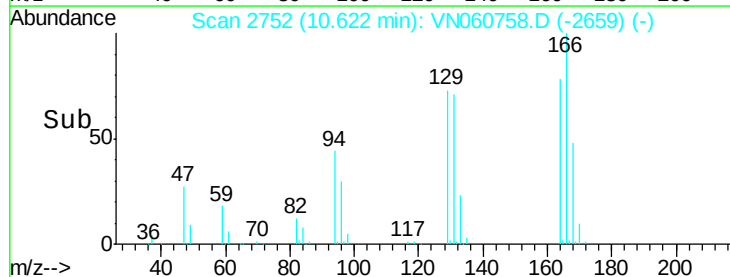
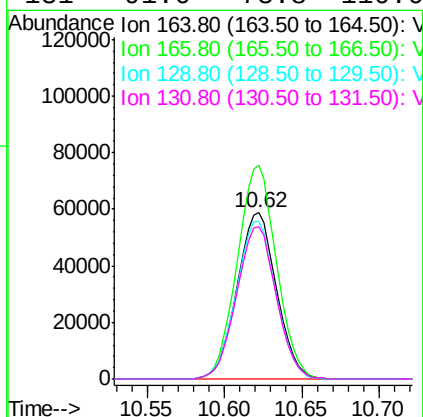
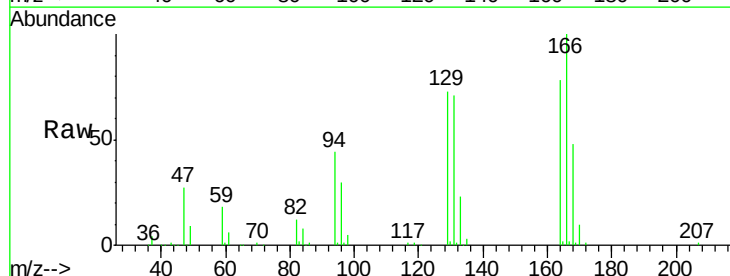
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

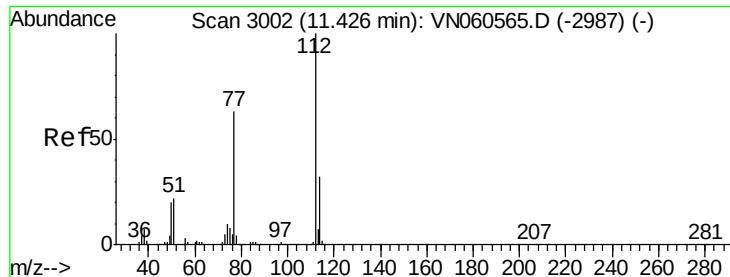
Tot Ion:117 Resp: 287884
Ion Ratio Lower Upper
117 100
82 58.2 46.7 70.1
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 45.881 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion:164 Resp: 103939
Ion Ratio Lower Upper
164 100
166 128.4 102.7 154.1
129 94.3 77.2 115.8
131 91.6 73.8 110.6





#65

Chlorobenzene

Concen: 49.572 ug/l

RT: 11.43 min Scan# 3002

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

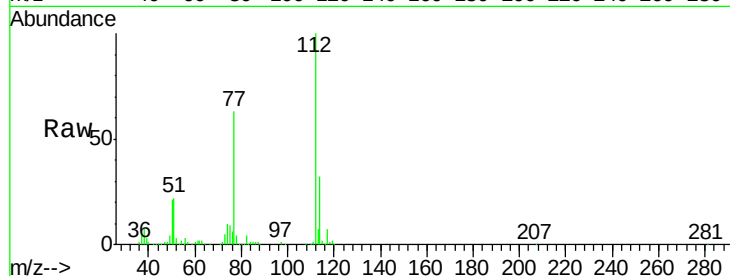
VSTDCCC050EC

Tot Ion:112 Resp: 282911

Ion Ratio Lower Upper

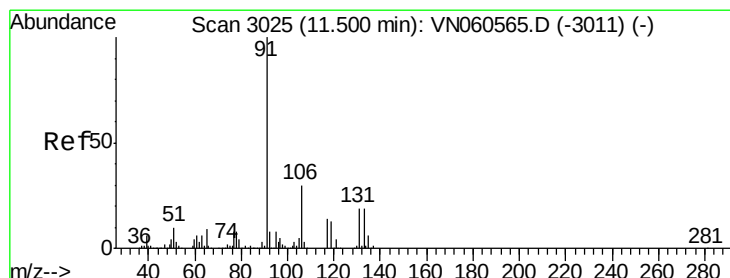
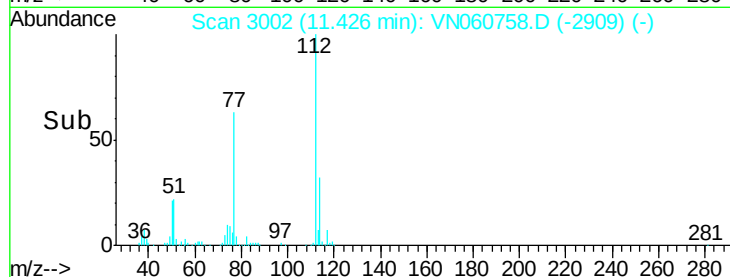
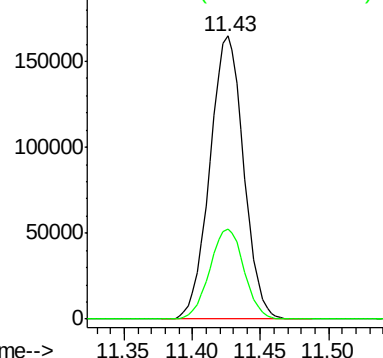
112 100

114 32.1 25.8 38.6



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: 50.519 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

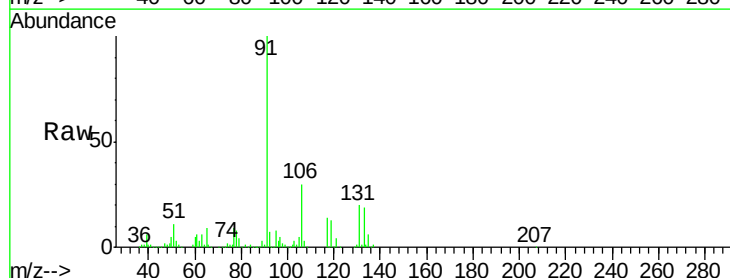
Tgt Ion:131 Resp: 104388

Ion Ratio Lower Upper

131 100

133 95.7 48.9 146.8

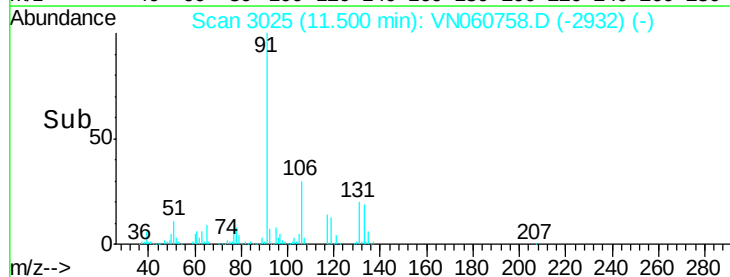
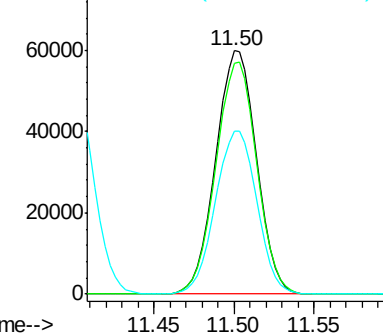
119 68.0 33.9 101.7

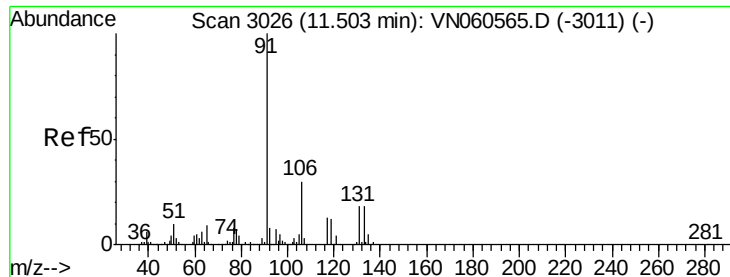


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 50.724 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

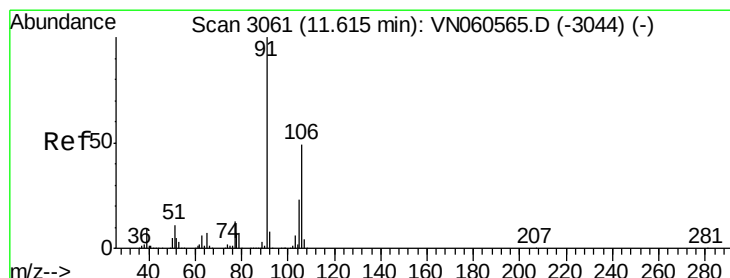
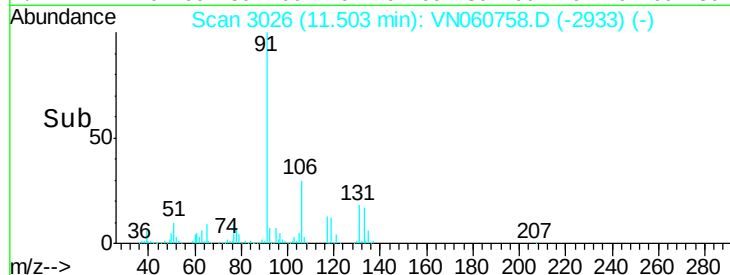
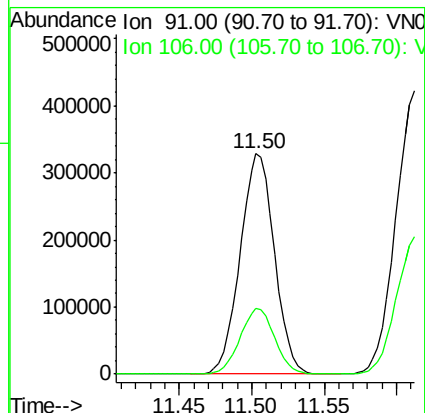
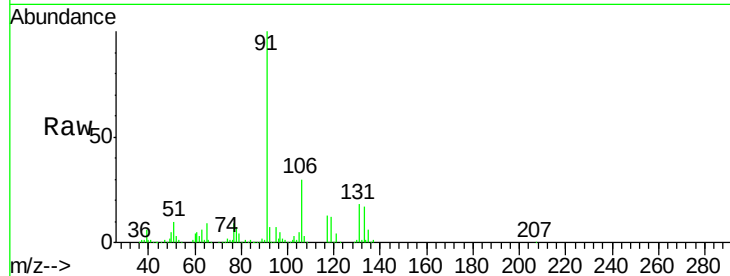
VSTDCCC050EC

Tot Ion: 91 Resp: 538339

Ion Ratio Lower Upper

91 100

106 29.7 24.2 36.2



#68

m/p-Xylenes

Concen: 100.568 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. 0.00 min

Lab File: VN060758.D

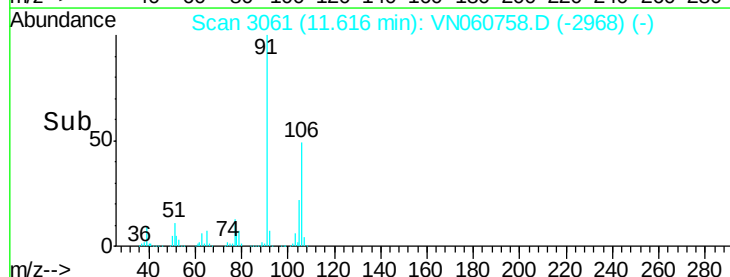
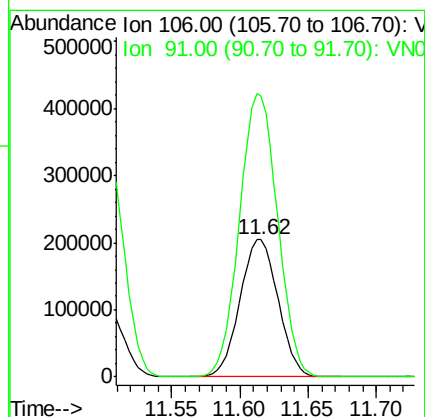
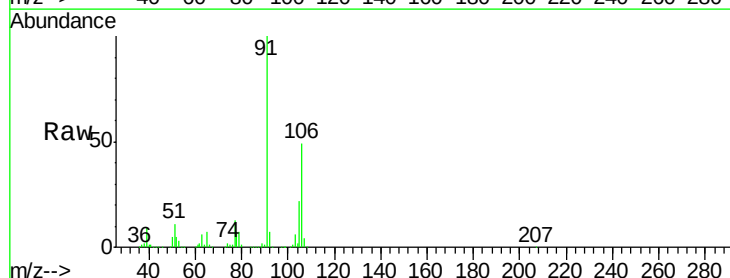
Acq: 27 Mar 2020 21:46

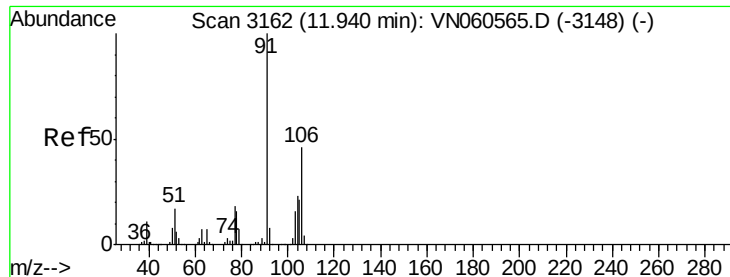
Tgt Ion: 106 Resp: 396628

Ion Ratio Lower Upper

106 100

91 206.1 165.0 247.4

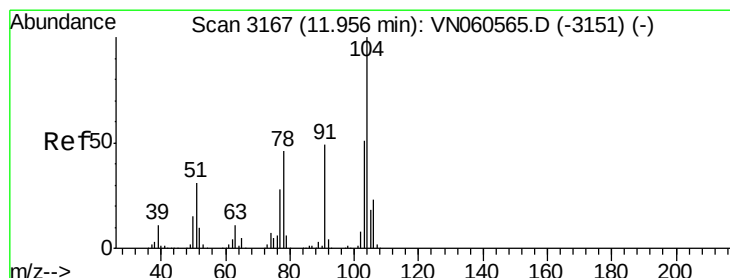
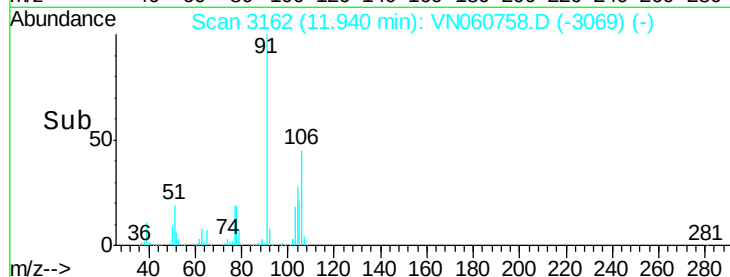
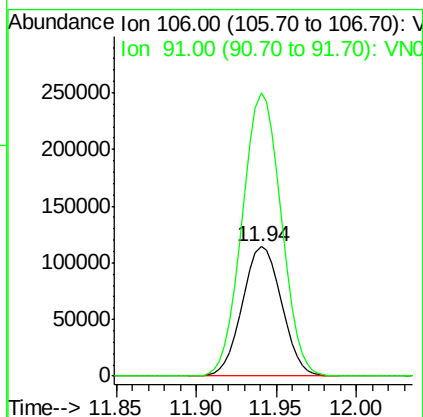
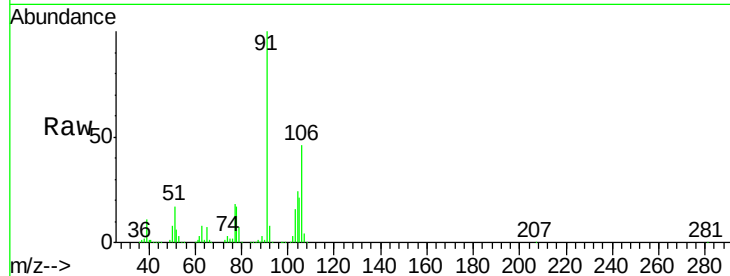




#69
o-Xylene
Concen: 50.771 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

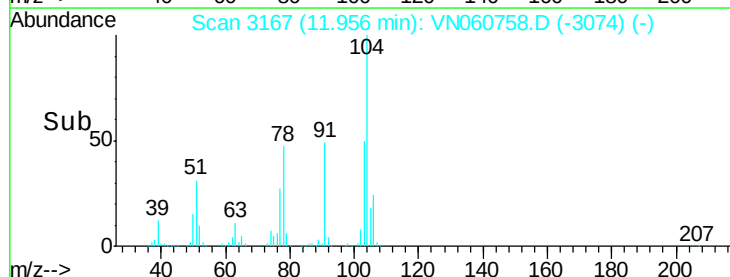
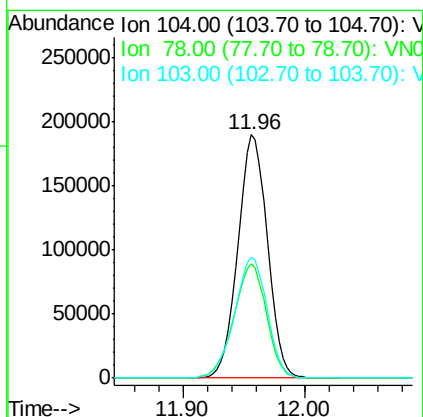
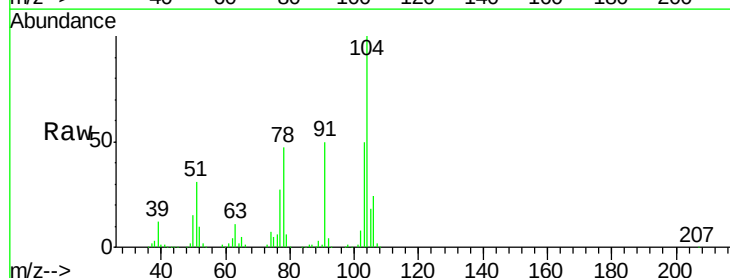
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

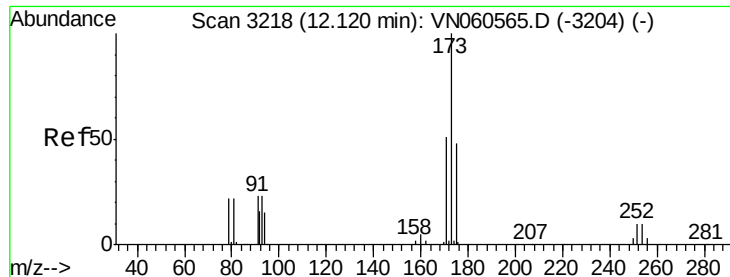
Tot Ion:106 Resp: 191147
Ion Ratio Lower Upper
106 100
91 216.9 109.5 328.4



#70
Styrene
Concen: 51.379 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion:104 Resp: 316362
Ion Ratio Lower Upper
104 100
78 51.9 41.2 61.8
103 54.8 44.0 66.0

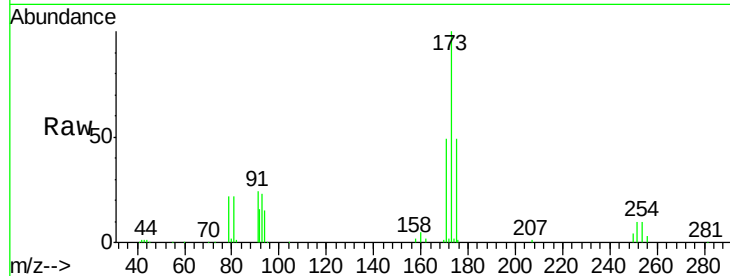




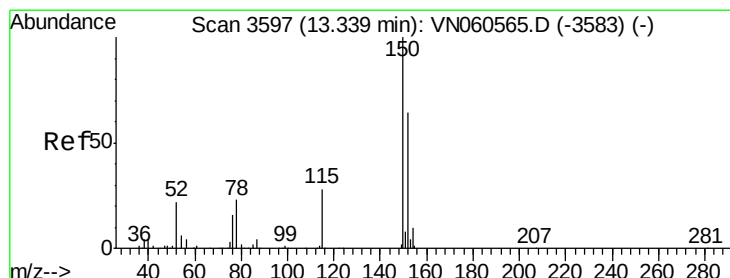
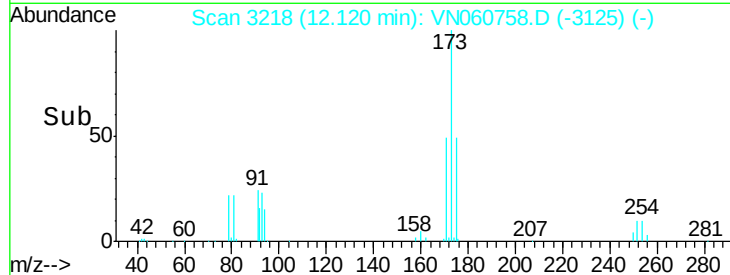
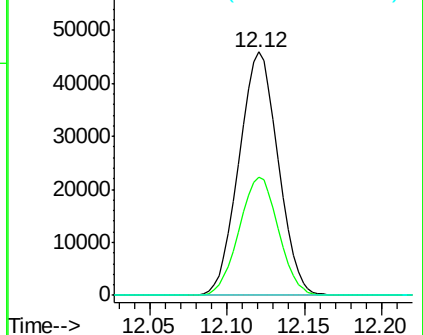
#71
Bromoform
Concen: 47.309 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:173 Resp: 81087
Ion Ratio Lower Upper
173 100
175 48.7 24.1 72.4
254 0.0 0.0 0.0

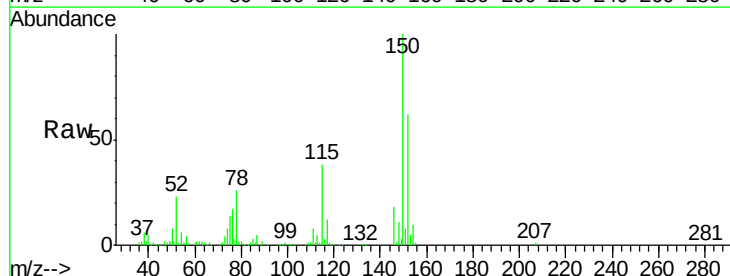


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

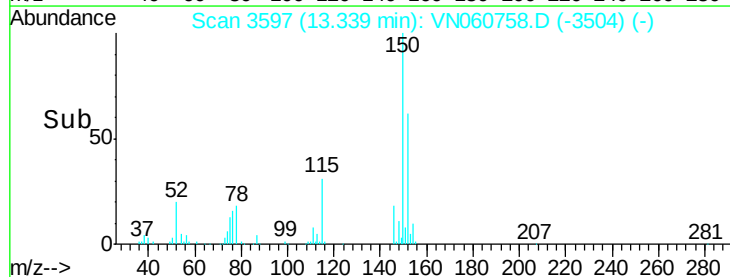
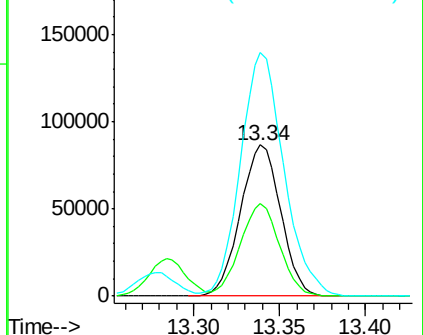


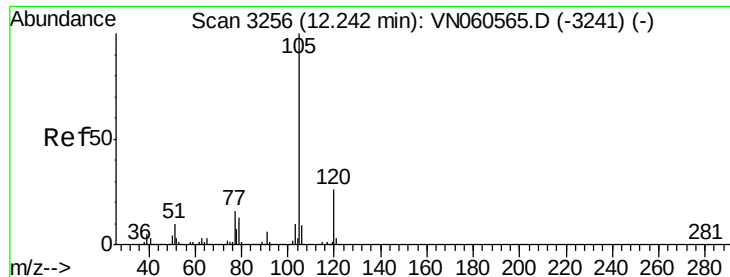
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion:152 Resp: 140806
Ion Ratio Lower Upper
152 100
115 59.6 30.2 90.6
150 173.5 0.0 350.2



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: 48.428 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

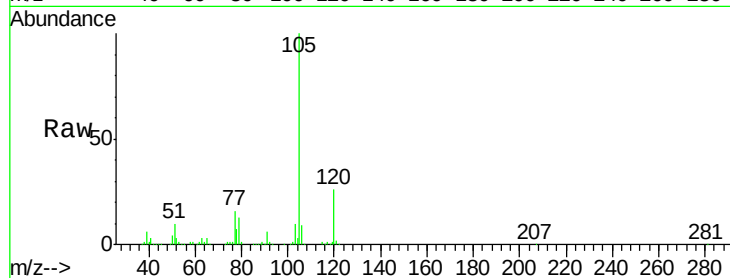
VSTDCCC050EC

Tot Ion:105 Resp: 511738

Ion Ratio Lower Upper

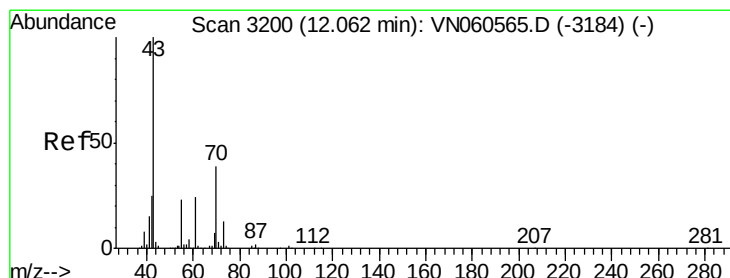
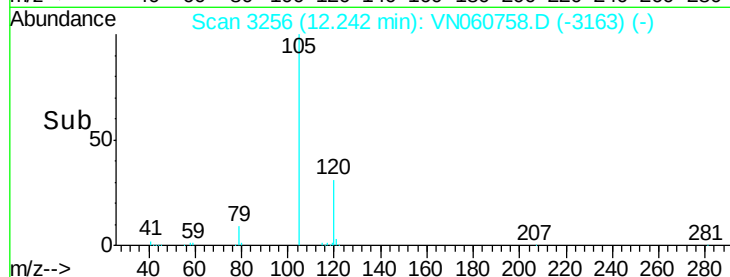
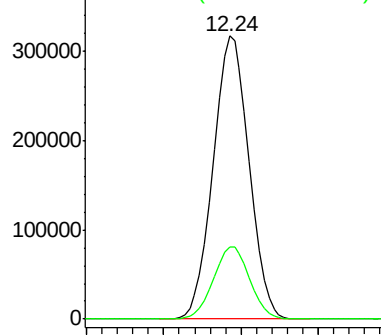
105 100

120 25.8 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.191 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Tgt Ion: 43 Resp: 230425

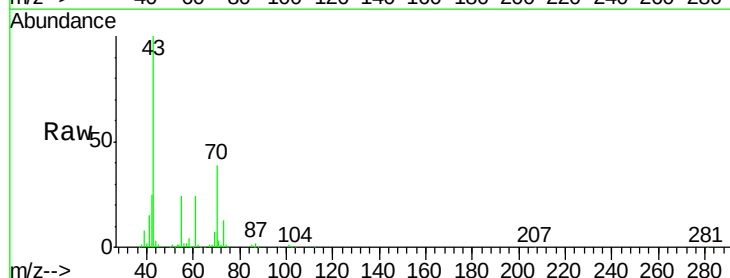
Ion Ratio Lower Upper

43 100

70 38.9 31.1 46.7

55 23.6 18.6 27.8

61 23.3 18.9 28.3

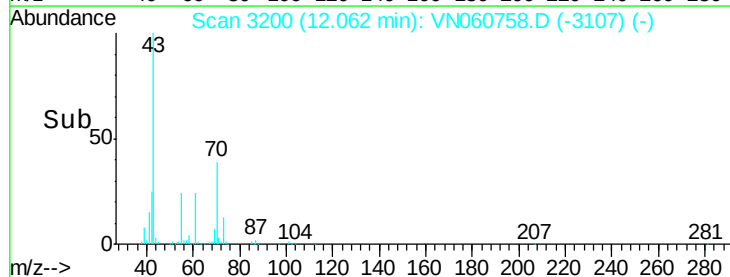
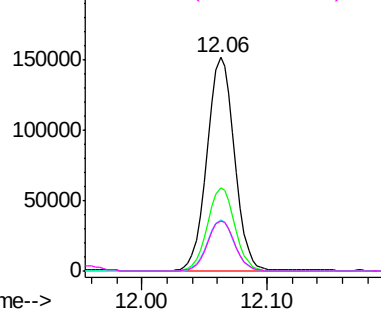


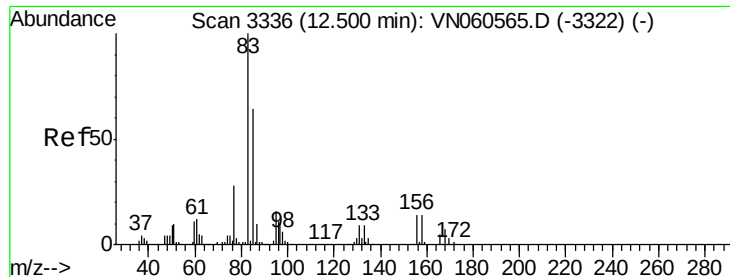
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 47.706 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

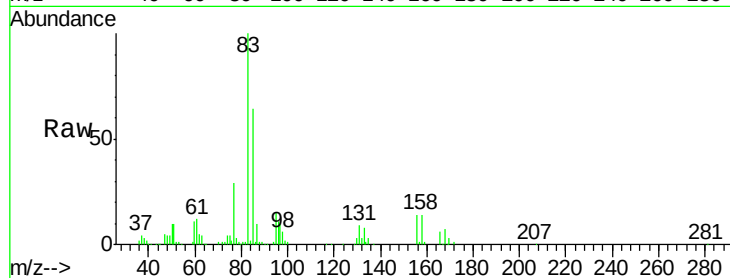
Tot Ion: 83 Resp: 152445

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

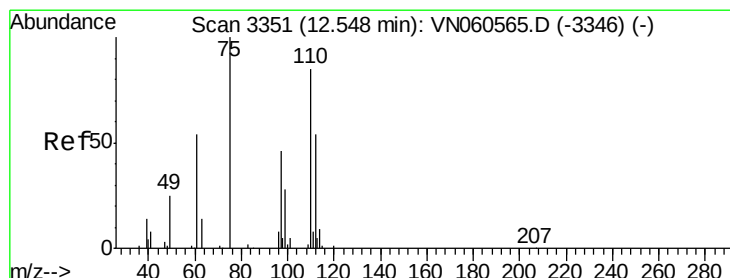
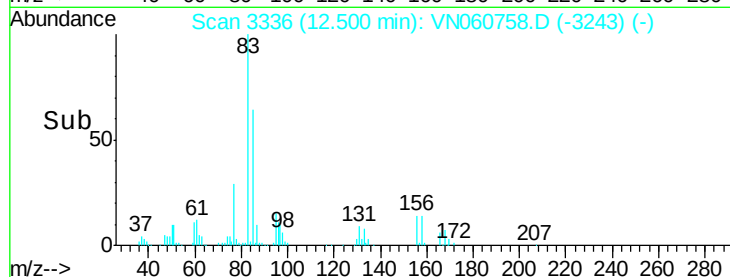
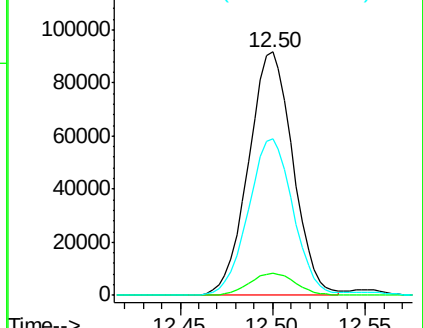
85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060758.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060758.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060758.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 44.381 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN060758.D

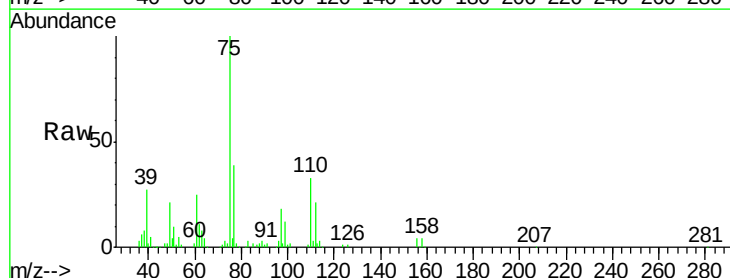
Acq: 27 Mar 2020 21:46

Tgt Ion: 75 Resp: 134844

Ion Ratio Lower Upper

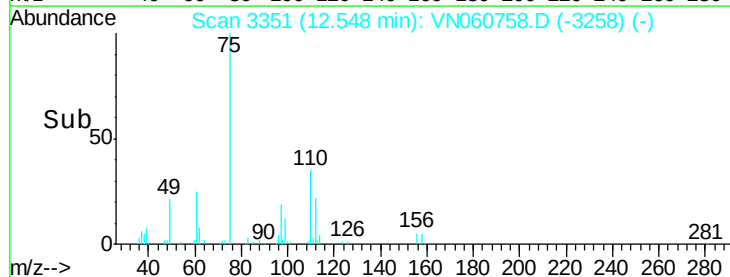
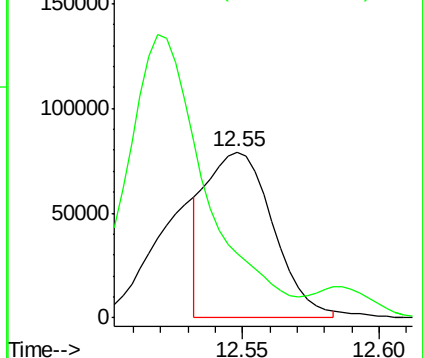
75 100

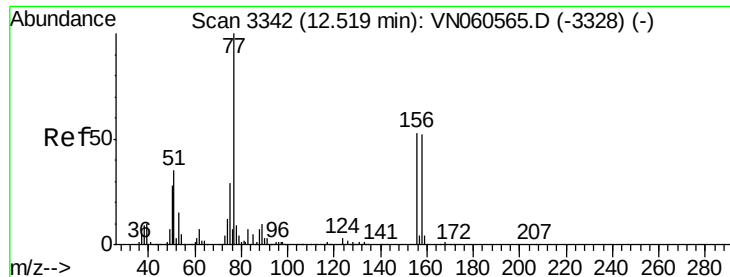
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060758.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060758.D (-3258) (-)





#77

Bromobenzene

Concen: 47.837 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

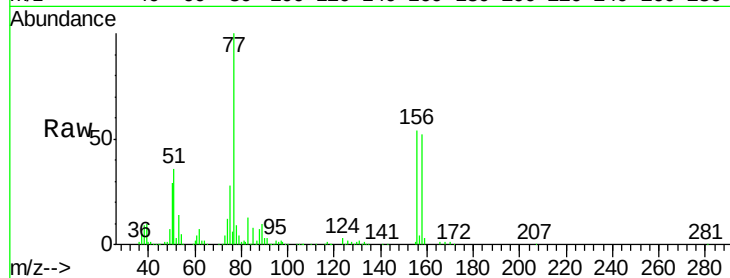
Tot Ion:156 Resp: 121805

Ion Ratio Lower Upper

156 100

77 222.1 112.3 337.0

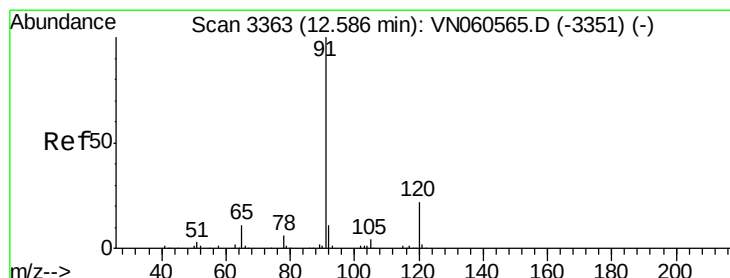
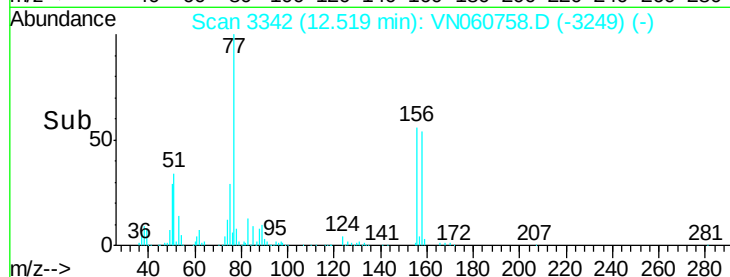
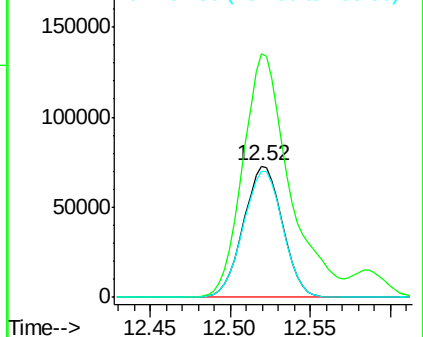
158 97.5 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.396 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN060758.D

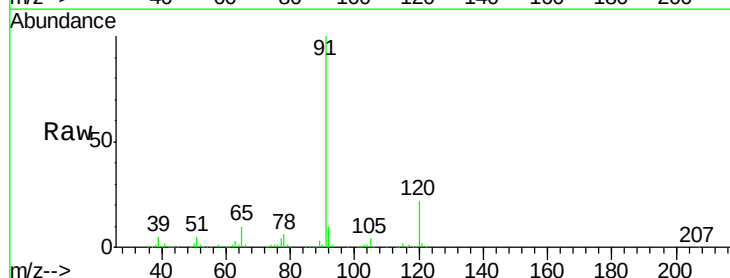
Acq: 27 Mar 2020 21:46

Tgt Ion: 91 Resp: 604185

Ion Ratio Lower Upper

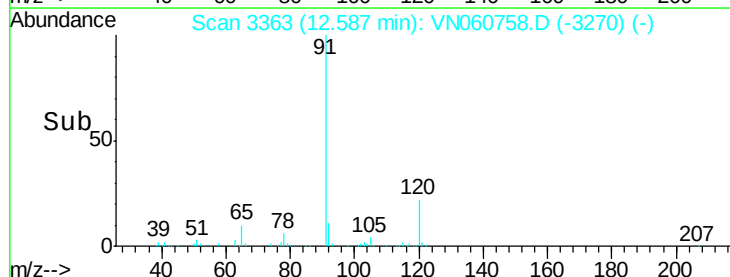
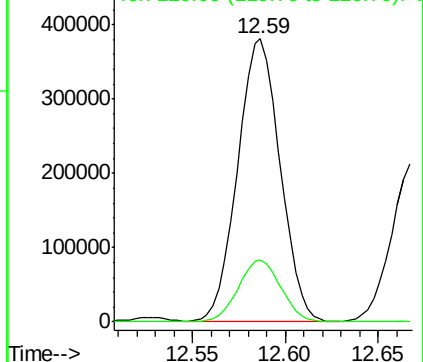
91 100

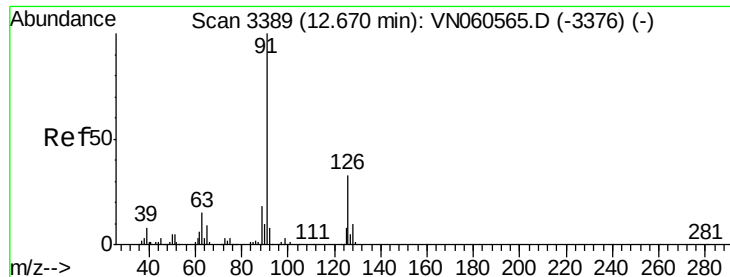
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.795 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

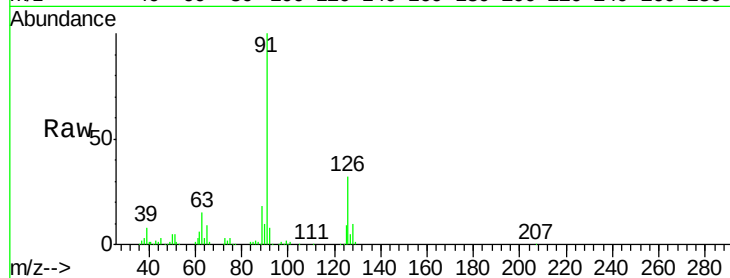
VSTDCCC050EC

Tot Ion: 91 Resp: 356515

Ion Ratio Lower Upper

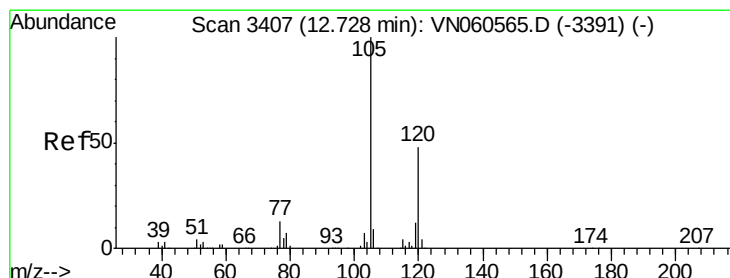
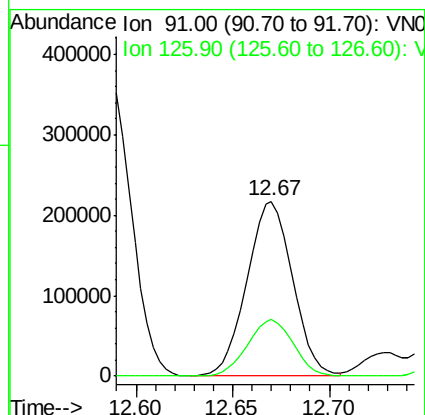
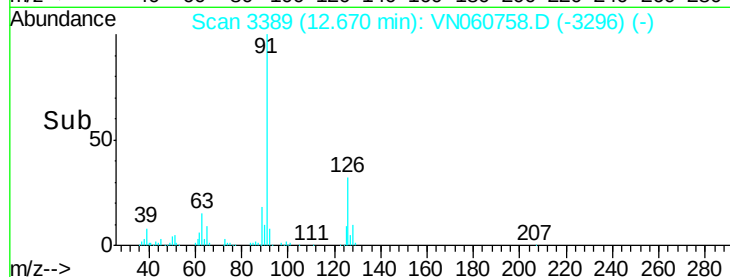
91 100

126 32.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060758.D (-3296) (-)

Ion 125.90 (125.60 to 126.60): VN060758.D (-3296) (-)



#80

1,3,5-Trimethylbenzene

Concen: 48.087 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. 0.00 min

Lab File: VN060758.D

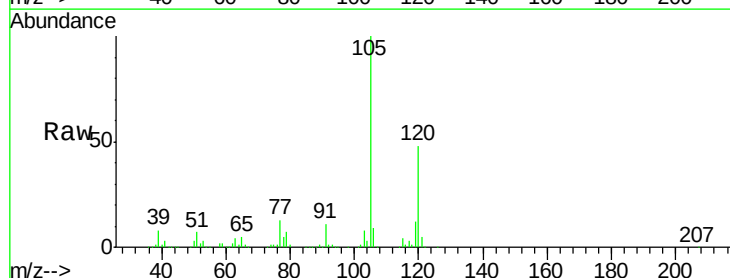
Acq: 27 Mar 2020 21:46

Tgt Ion: 105 Resp: 431211

Ion Ratio Lower Upper

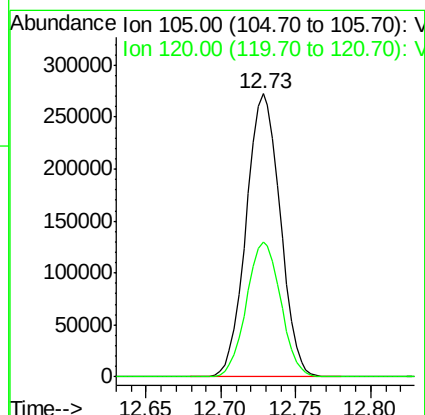
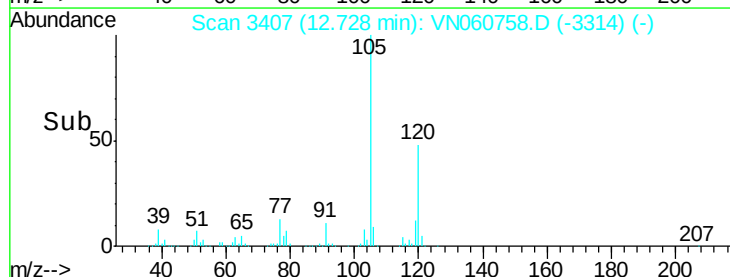
105 100

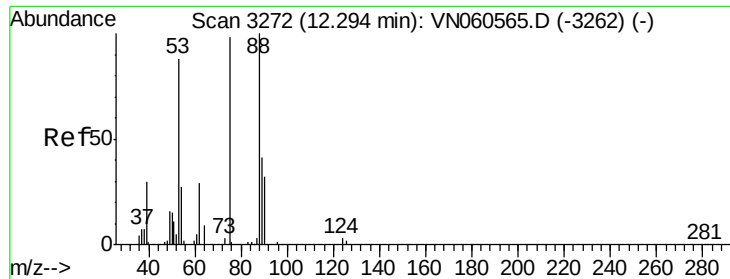
120 48.0 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060758.D (-3314) (-)

Ion 120.00 (119.70 to 120.70): VN060758.D (-3314) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 44.916 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

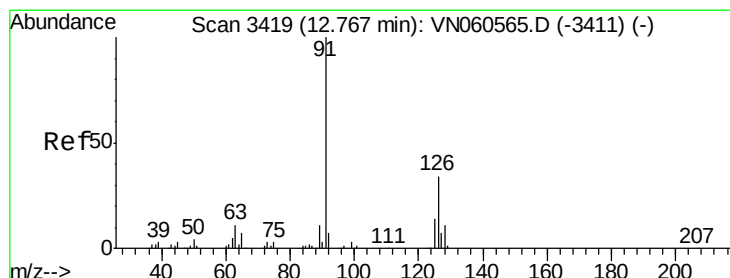
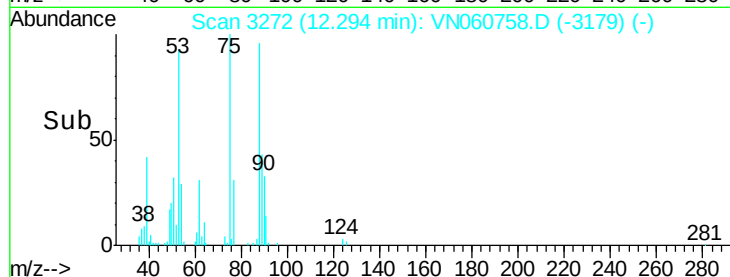
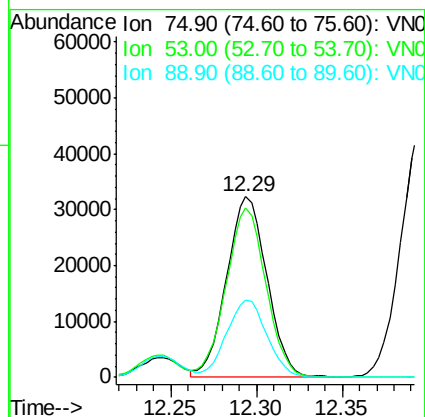
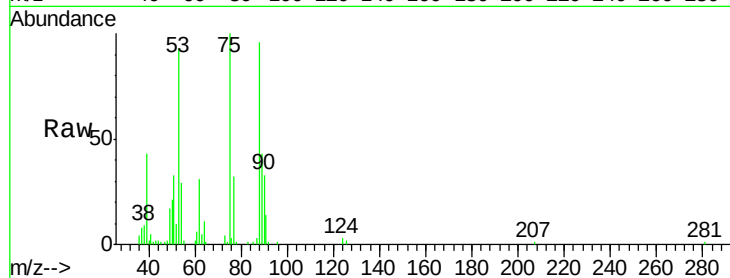
Tot Ion: 75 Resp: 53136

Ion Ratio Lower Upper

75 100

53 92.6 73.0 109.4

89 42.7 34.8 52.2



#82

4-Chlorotoluene

Concen: 48.065 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN060758.D

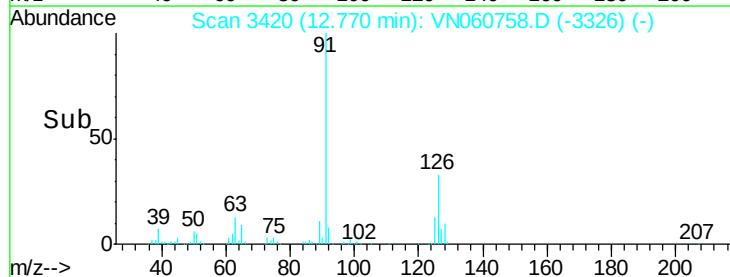
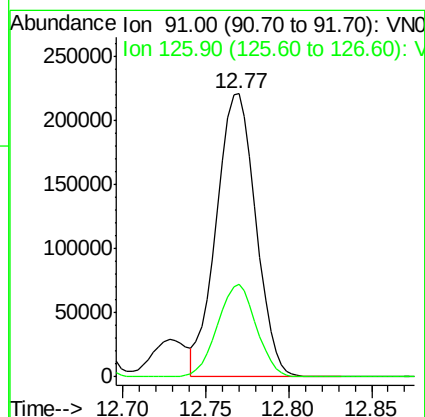
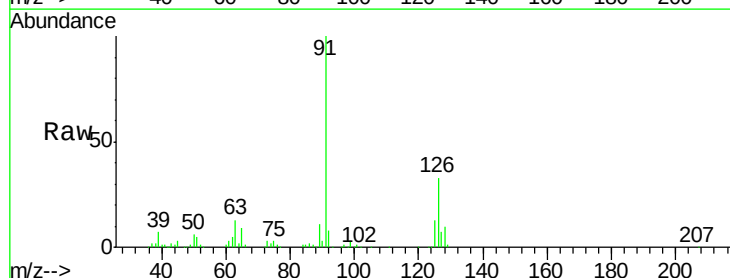
Acq: 27 Mar 2020 21:46

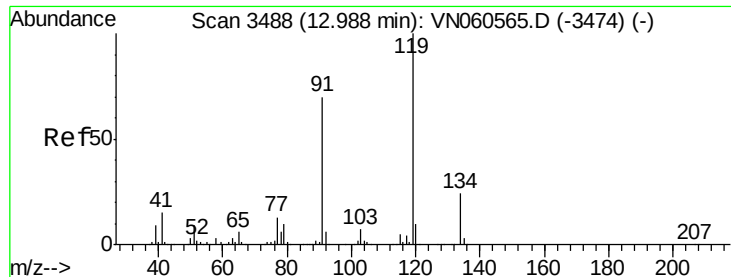
Tgt Ion: 91 Resp: 365155

Ion Ratio Lower Upper

91 100

126 32.2 16.2 48.5

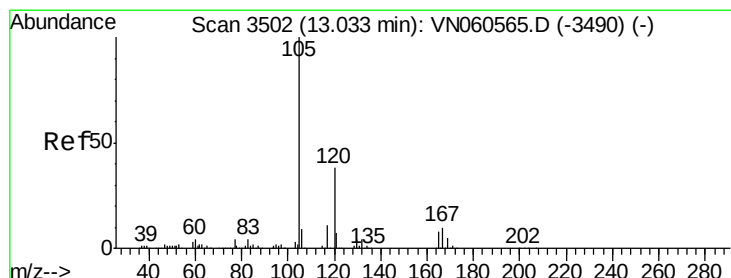
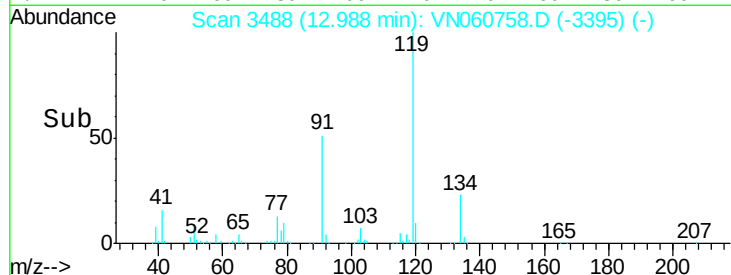
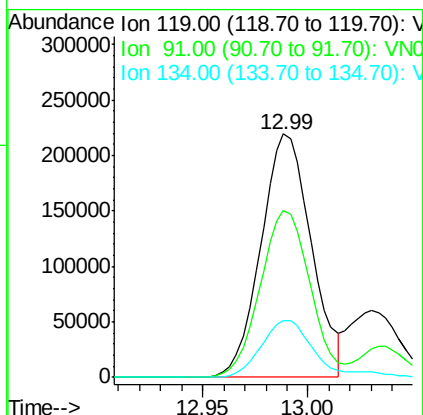
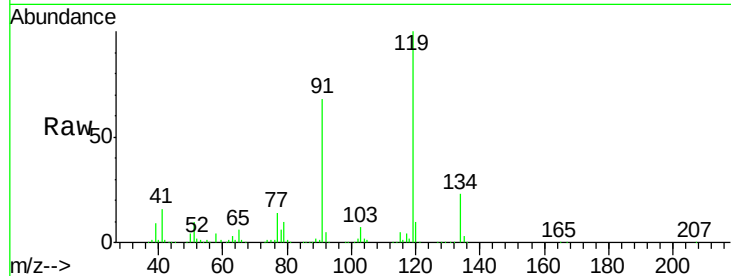




#83
 tert-Butylbenzene
 Concen: 49.027 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

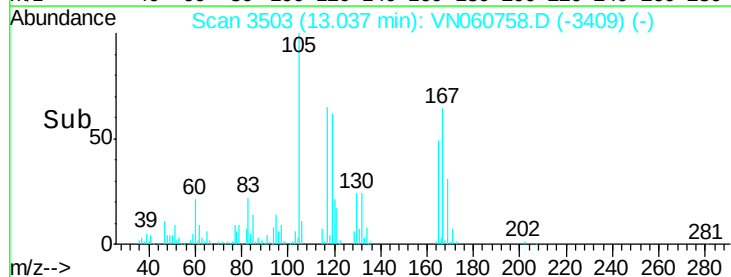
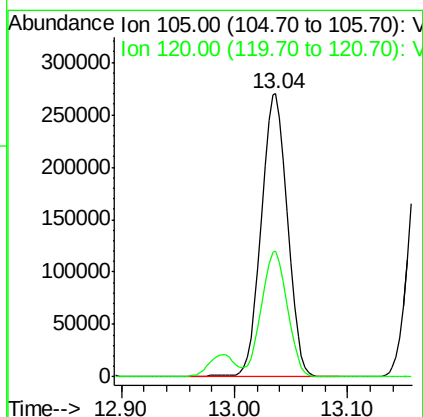
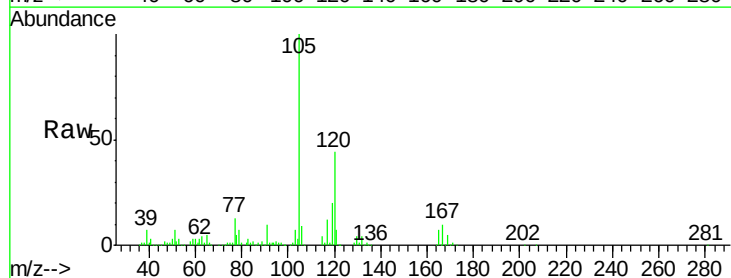
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

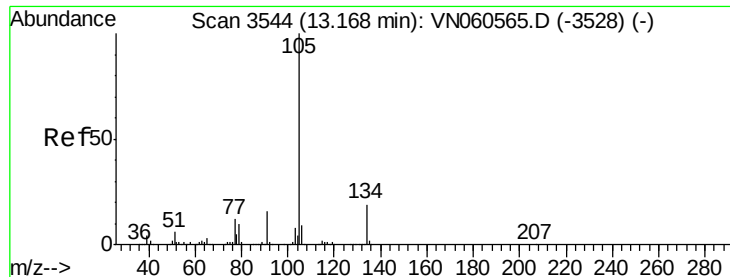
Tot Ion:119 Resp: 364453
 Ion Ratio Lower Upper
 119 100
 91 67.9 34.0 101.8
 134 25.0 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 49.007 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Tgt Ion:105 Resp: 434764
 Ion Ratio Lower Upper
 105 100
 120 43.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 49.734 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

Instrument :

MSVOA_N

ClientSampleId :

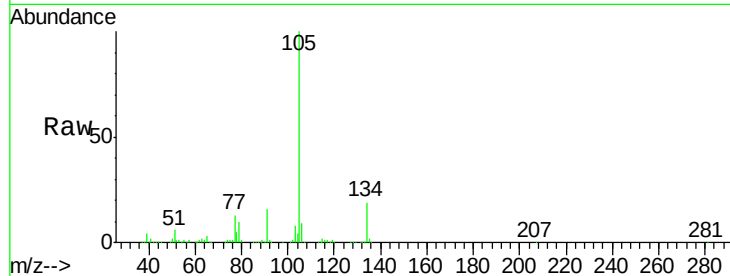
VSTDCCC050EC

Tot Ion:105 Resp: 497147

Ion Ratio Lower Upper

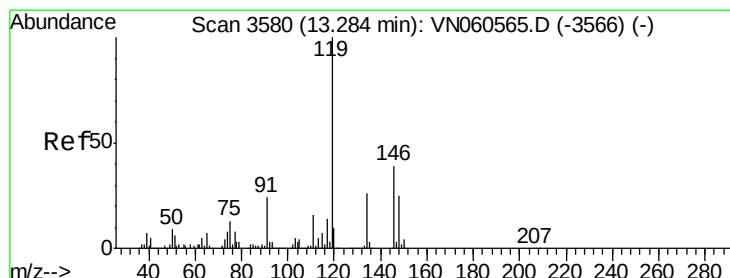
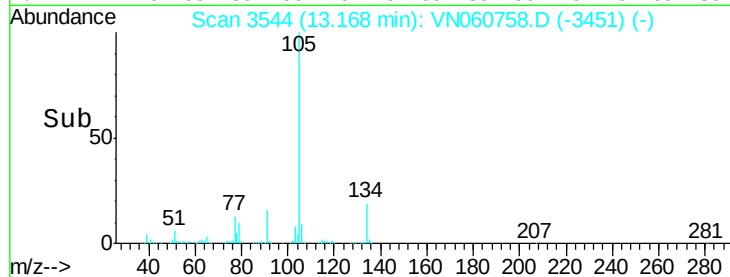
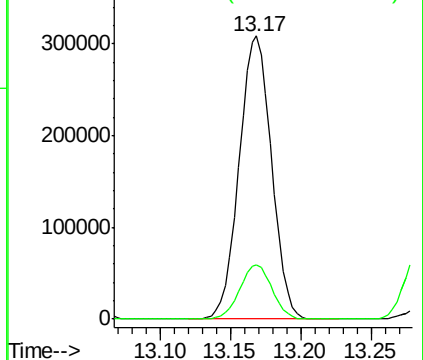
105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.527 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN060758.D

Acq: 27 Mar 2020 21:46

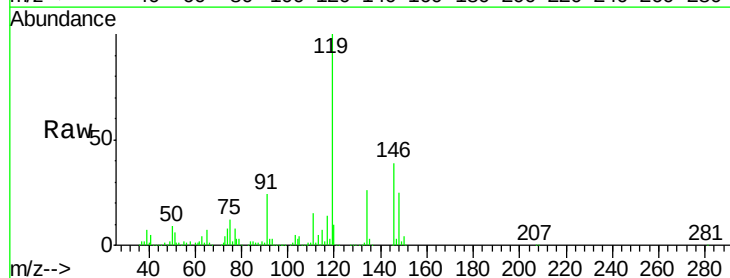
Tgt Ion:119 Resp: 445183

Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

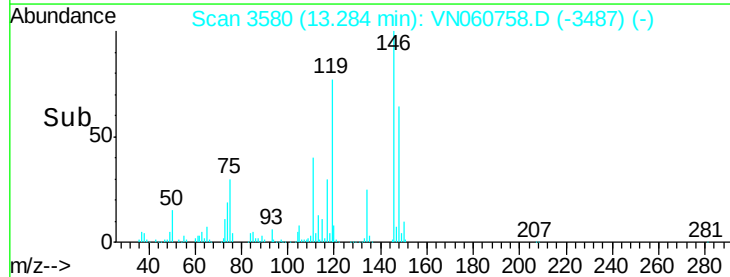
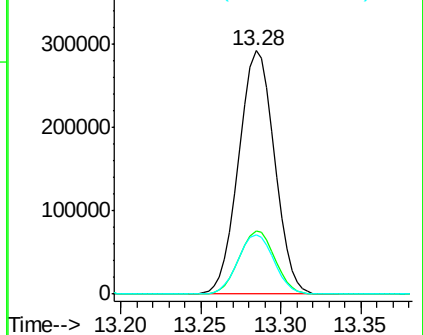
91 24.4 12.0 36.0

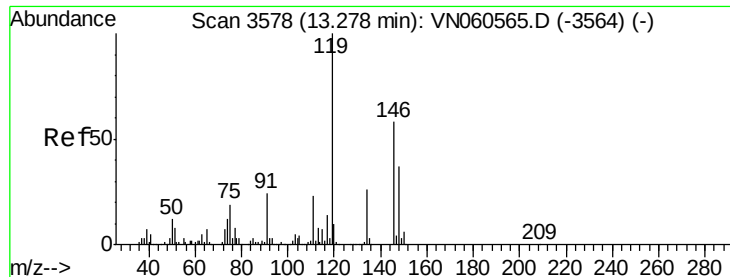


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

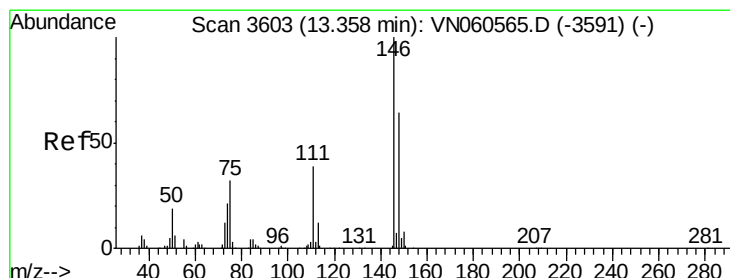
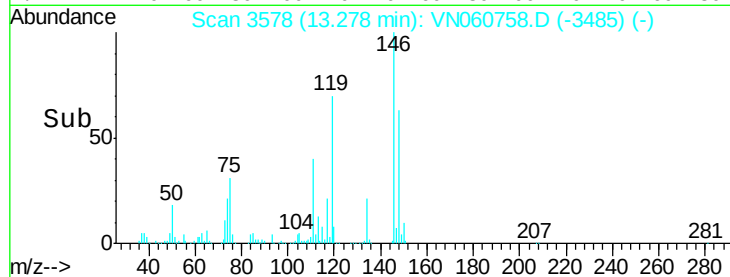
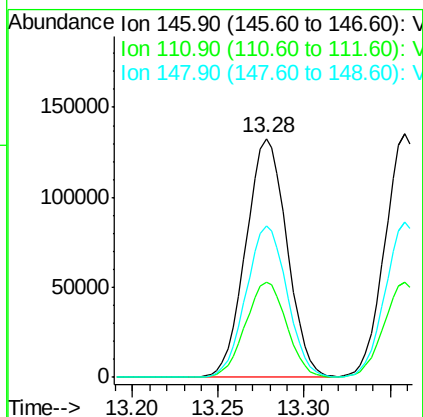
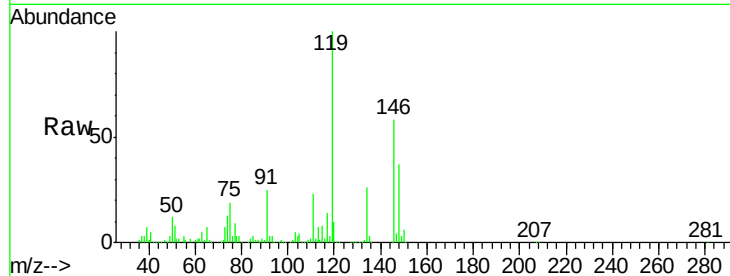




#87
 1,3-Dichlorobenzene
 Concen: 49.046 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

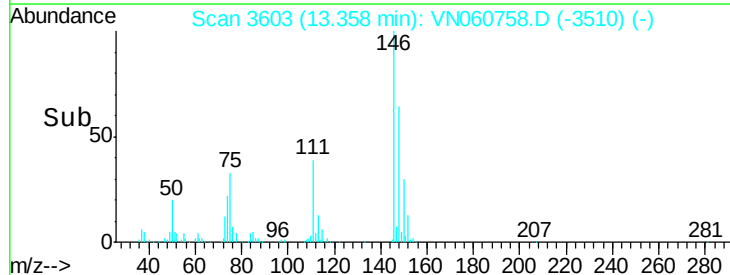
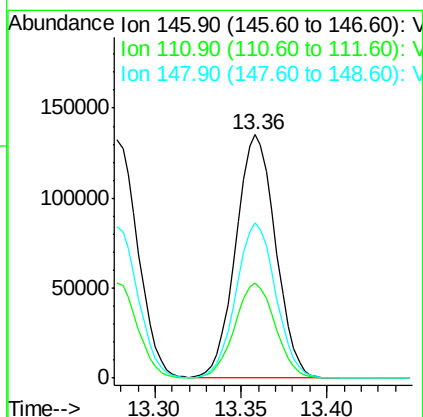
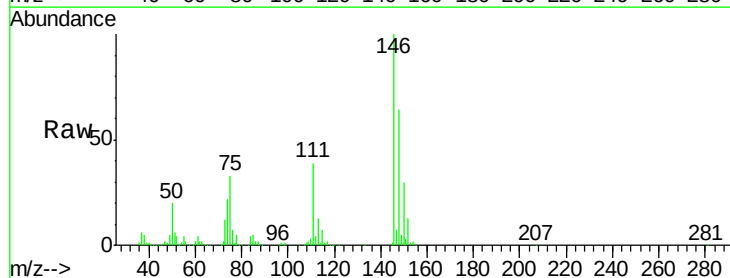
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

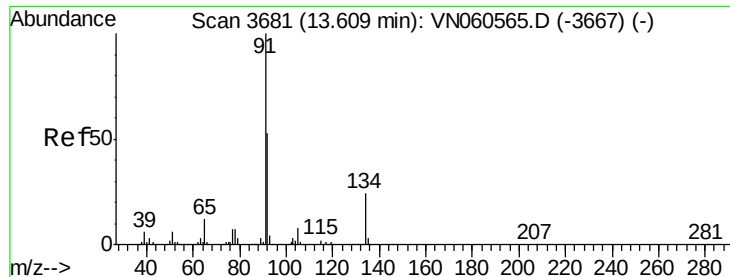
Tot Ion:146 Resp: 220258
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.3 60.8
 148 63.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 48.255 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Tgt Ion:146 Resp: 217724
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.6 58.7
 148 63.6 32.1 96.3

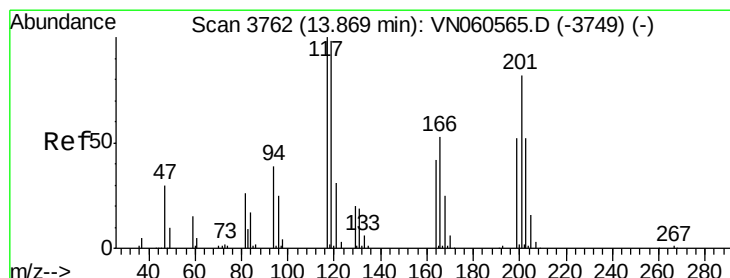
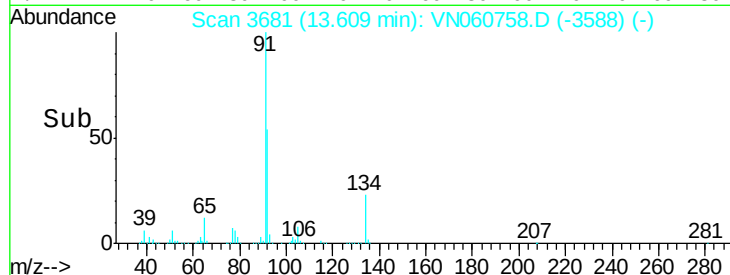
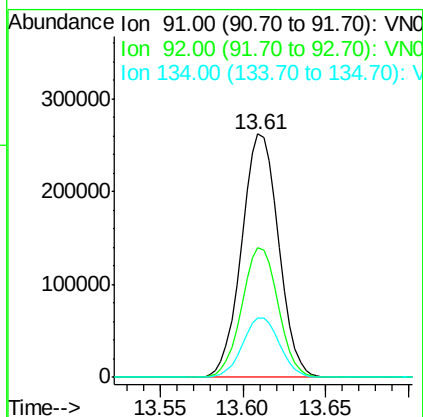
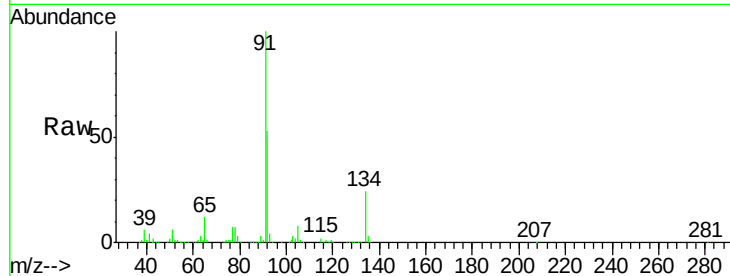




#89
n-Butylbenzene
Concen: 50.143 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

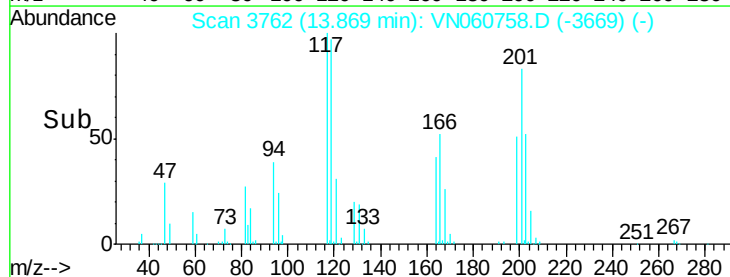
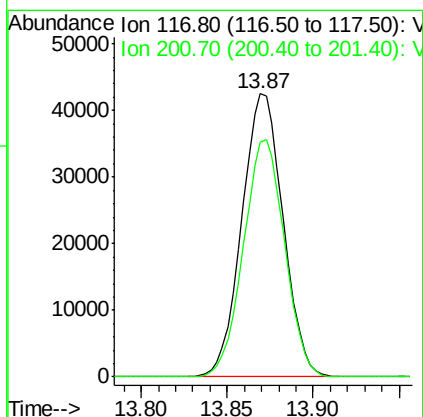
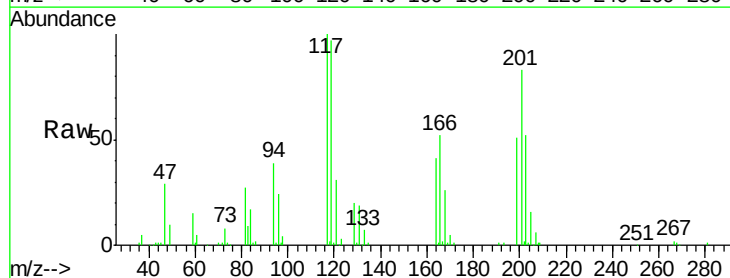
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050EC

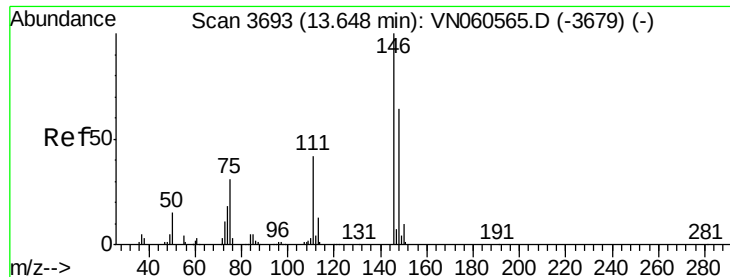
Tot Ion: 91 Resp: 406940
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 24.5 12.3 36.9



#90
Hexachloroethane
Concen: 54.308 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion: 117 Resp: 70959
Ion Ratio Lower Upper
117 100
201 83.2 40.8 122.5

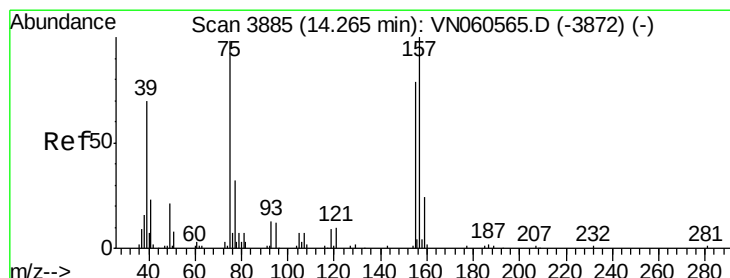
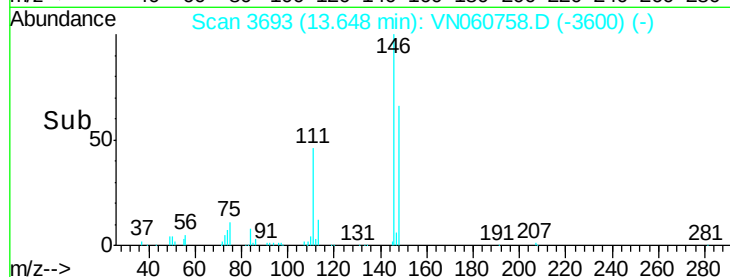
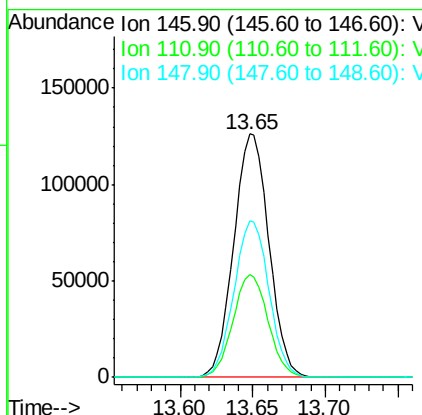
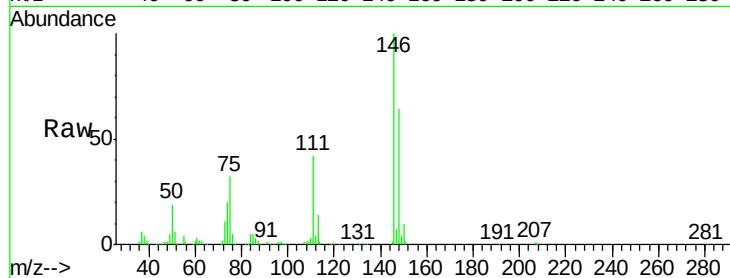




#91
 1,2-Dichlorobenzene
 Concen: 49.524 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

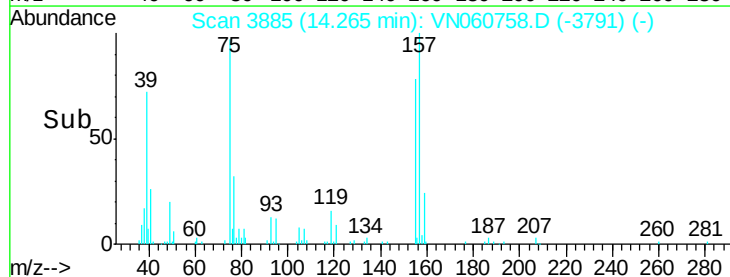
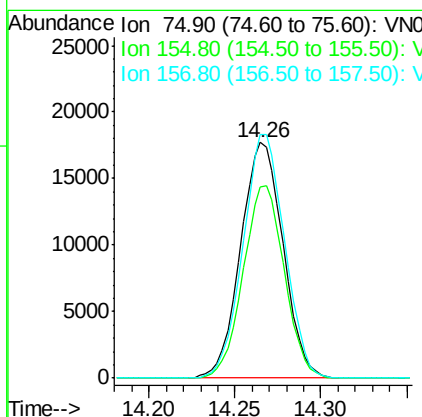
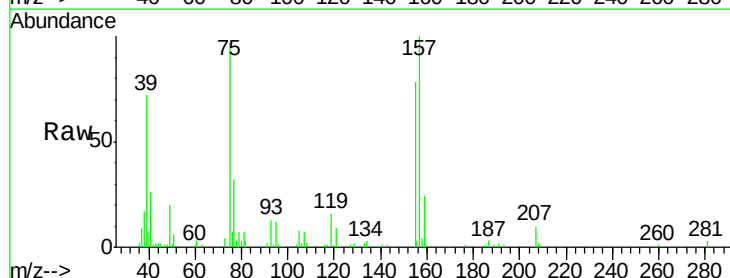
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

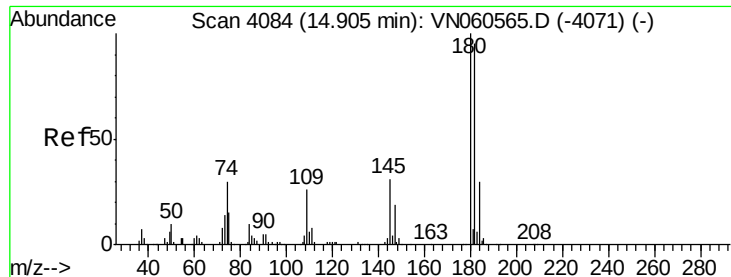
Tot Ion:146 Resp: 212662
 Ion Ratio Lower Upper
 146 100
 111 42.0 21.0 63.0
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.384 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Tgt Ion: 75 Resp: 30393
 Ion Ratio Lower Upper
 75 100
 155 78.9 40.7 122.1
 157 101.2 51.5 154.7

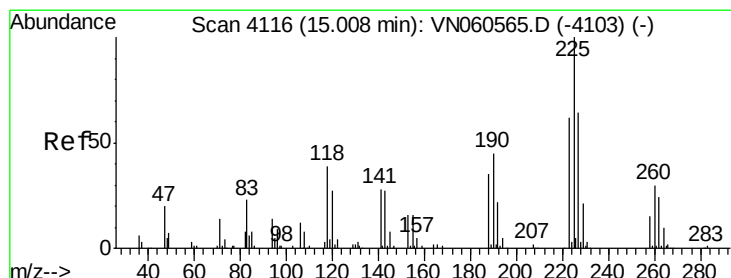
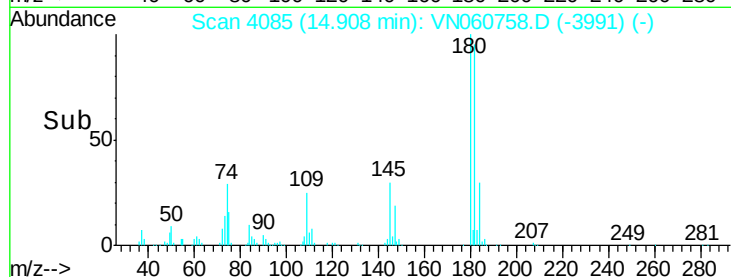
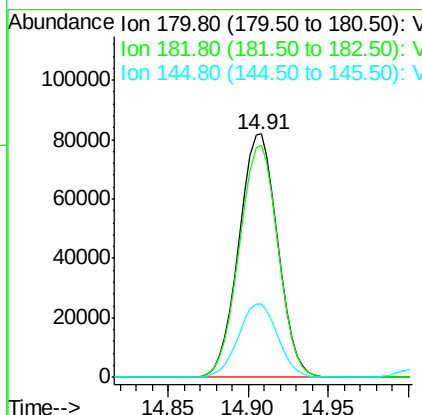
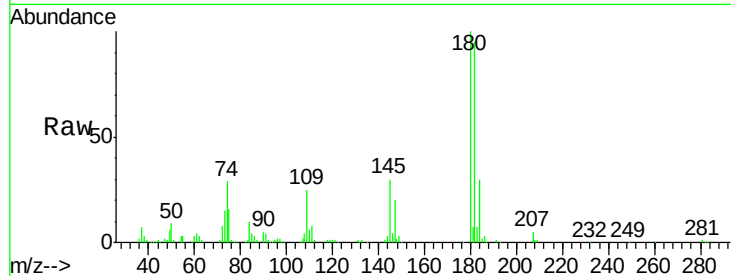




#93
 1,2,4-Trichlorobenzene
 Concen: 51.168 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

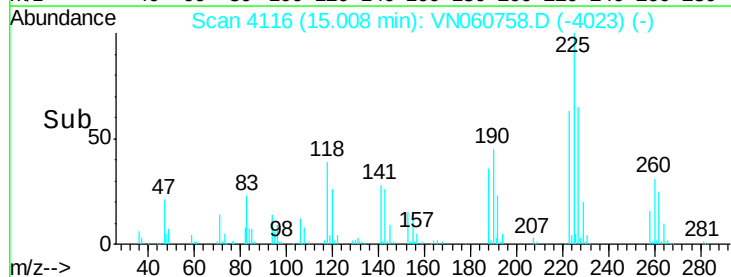
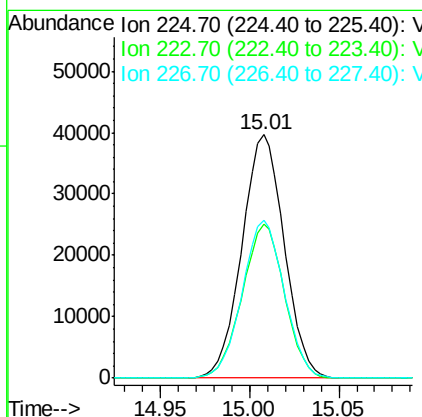
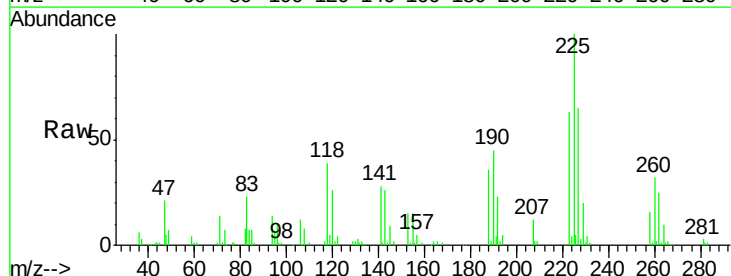
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

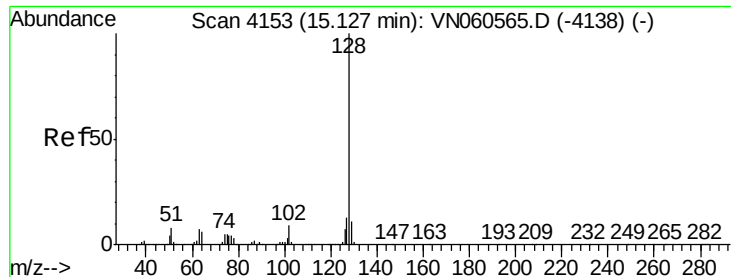
Tot Ion:180 Resp: 134931
 Ion Ratio Lower Upper
 180 100
 182 95.5 47.9 143.8
 145 30.8 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 50.788 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN060758.D
 Acq: 27 Mar 2020 21:46

Tgt Ion:225 Resp: 65654
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.6 95.0
 227 64.5 32.3 96.8

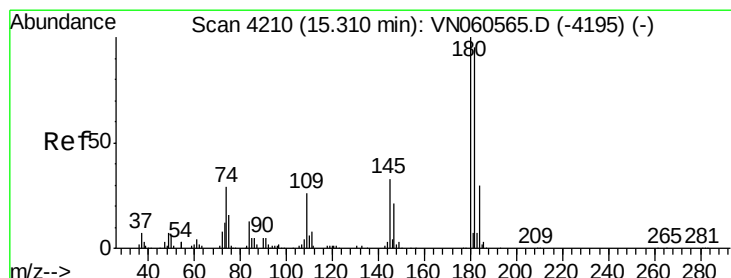
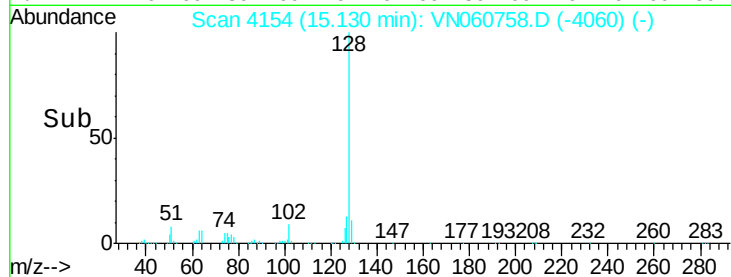
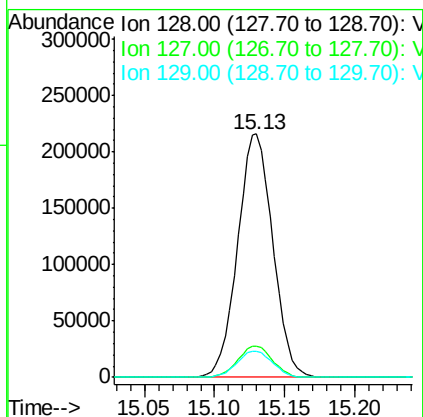
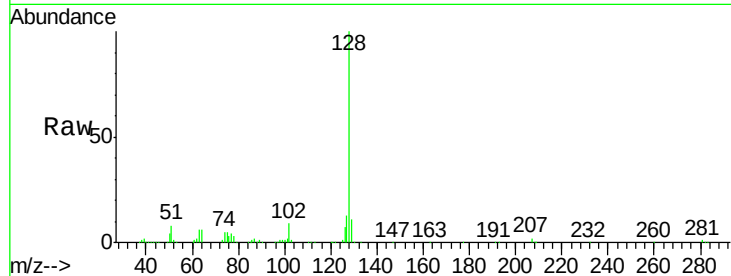




#95
Naphthalene
Concen: 47.534 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 377019
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.395 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. 0.00 min
Lab File: VN060758.D
Acq: 27 Mar 2020 21:46

Tgt Ion:180 Resp: 128299
Ion Ratio Lower Upper
180 100
182 95.4 47.5 142.6
145 32.3 16.3 48.8

