

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040620\
 Data File : VN060866.D
 Acq On : 6 Apr 2020 20:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 07 07:08:46 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	181543	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	310789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	287221	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139611	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	131177	52.64	ug/l	0.00
Spiked Amount						
			Recovery	=	105.28%	
35) Dibromofluoromethane	7.56	113	97821	52.05	ug/l	0.00
Spiked Amount						
			Recovery	=	104.10%	
50) Toluene-d8	10.08	98	382331	49.81	ug/l	0.00
Spiked Amount						
			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.40	95	143103	50.87	ug/l	0.00
Spiked Amount						
			Recovery	=	101.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	76673	43.649	ug/l	100
3) Chloromethane	2.04	50	147766	45.041	ug/l	100
4) Vinyl Chloride	2.17	62	116238	45.298	ug/l	100
5) Bromomethane	2.54	94	57511	51.918	ug/l	100
6) Chloroethane	2.69	64	73708	49.864	ug/l	98
7) Trichlorofluoromethane	3.00	101	152477	48.237	ug/l	100
8) Diethyl Ether	3.38	74	67184	52.908	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.74	101	90029	49.152	ug/l	99
10) Methyl Iodide	3.93	142	71619	43.943	ug/l	99
11) Tert butyl alcohol	4.72	59	99279	270.870	ug/l	99
12) 1,1-Dichloroethene	3.72	96	94242	47.947	ug/l	97
13) Acrolein	3.57	56	96265	236.982	ug/l	100
14) Allyl chloride	4.29	41	173616	50.222	ug/l	97
15) Acrylonitrile	4.94	53	304343	282.378	ug/l	99
16) Acetone	3.78	43	243857	276.238	ug/l	99
17) Carbon Disulfide	4.03	76	262227	43.867	ug/l	99
18) Methyl Acetate	4.28	43	143476	57.742	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	352492	52.161	ug/l	97
20) Methylene Chloride	4.52	84	110127	50.713	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	101287	48.351	ug/l	97
22) Diisopropyl ether	5.91	45	398107	54.509	ug/l	96
23) Vinyl Acetate	5.86	43	1649866	276.867	ug/l	99
24) 1,1-Dichloroethane	5.82	63	208728	52.424	ug/l	100
25) 2-Butanone	6.80	43	405275	283.709	ug/l	99
26) 2,2-Dichloropropane	6.80	77	152569	48.704	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	121264	50.940	ug/l	99
28) Bromochloromethane	7.17	49	105512	55.389	ug/l	100
29) Tetrahydrofuran	7.18	42	277342	274.403	ug/l	98
30) Chloroform	7.35	83	198464	51.996	ug/l	100
31) Cyclohexane	7.63	56	180395	44.942	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	167639	50.947	ug/l	99
36) 1,1-Dichloropropene	7.77	75	146074	48.539	ug/l	100
37) Ethyl Acetate	6.89	43	172016	52.900	ug/l	99
38) Carbon Tetrachloride	7.75	117	132748	49.217	ug/l	97

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39) Methylcyclohexane	9.06	83	166885	46.664	ug/l	98
40) Benzene	8.02	78	452299	49.787	ug/l	99
41) Methacrylonitrile	7.18	41	245802	177.124	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	160165	51.588	ug/l	99
43) Isopropyl Acetate	8.14	43	285847	53.303	ug/l	99
44) Trichloroethene	8.82	130	112930	49.311	ug/l	100
45) 1,2-Dichloropropane	9.10	63	125234	52.243	ug/l	98
46) Dibromomethane	9.19	93	75421	52.043	ug/l	100
47) Bromodichloromethane	9.39	83	158744	52.713	ug/l	98
48) Methyl methacrylate	9.18	41	127346	53.336	ug/l	99
49) 1,4-Dioxane	9.18	88	31010	1092.677	ug/l	100
51) 4-Methyl-2-Pentanone	9.97	43	855144	280.226	ug/l	99
52) Toluene	10.14	92	272814	49.725	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	180680	52.231	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	193285	50.932	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	110386	52.297	ug/l	99
56) Ethyl methacrylate	10.42	69	179425	54.518	ug/l	99
57) 1,3-Dichloropropane	10.70	76	192455	52.543	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	415974	254.305	ug/l	100
59) 2-Hexanone	10.74	43	619335	281.741	ug/l	100
60) Dibromochloromethane	10.89	129	116499	53.433	ug/l	100
61) 1,2-Dibromoethane	10.99	107	112598	53.051	ug/l	100
64) Tetrachloroethene	10.62	164	101333	44.834	ug/l	98
65) Chlorobenzene	11.43	112	280012	49.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	105440	51.146	ug/l	98
67) Ethyl Benzene	11.50	91	522713	49.365	ug/l	100
68) m/p-Xylenes	11.62	106	384961	97.835	ug/l	99
69) o-Xylene	11.94	106	187512	49.920	ug/l	99
70) Styrene	11.96	104	311557	50.715	ug/l	100
71) Bromoform	12.12	173	84550	49.368	ug/l #	100
73) Isopropylbenzene	12.24	105	496614	47.399	ug/l	100
74) N-amyl acetate	12.06	43	249550	51.545	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	164639	51.963	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	220006	73.031	ug/l #	100
77) Bromobenzene	12.52	156	120824	47.858	ug/l	98
78) n-propylbenzene	12.59	91	588879	47.574	ug/l	99
79) 2-Chlorotoluene	12.67	91	349732	47.287	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	423843	47.670	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	56886	48.498	ug/l	98
82) 4-Chlorotoluene	12.77	91	358456	47.587	ug/l	100
83) tert-Butylbenzene	12.99	119	353669	47.984	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	425793	48.406	ug/l	100
85) sec-Butylbenzene	13.17	105	484463	48.880	ug/l	100
86) p-Isopropyltoluene	13.28	119	431041	48.364	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	215951	48.498	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	215803	48.239	ug/l	99
89) n-Butylbenzene	13.61	91	400574	49.781	ug/l	100
90) Hexachloroethane	13.87	117	69686	53.791	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	213414	50.124	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	33815	50.959	ug/l	97

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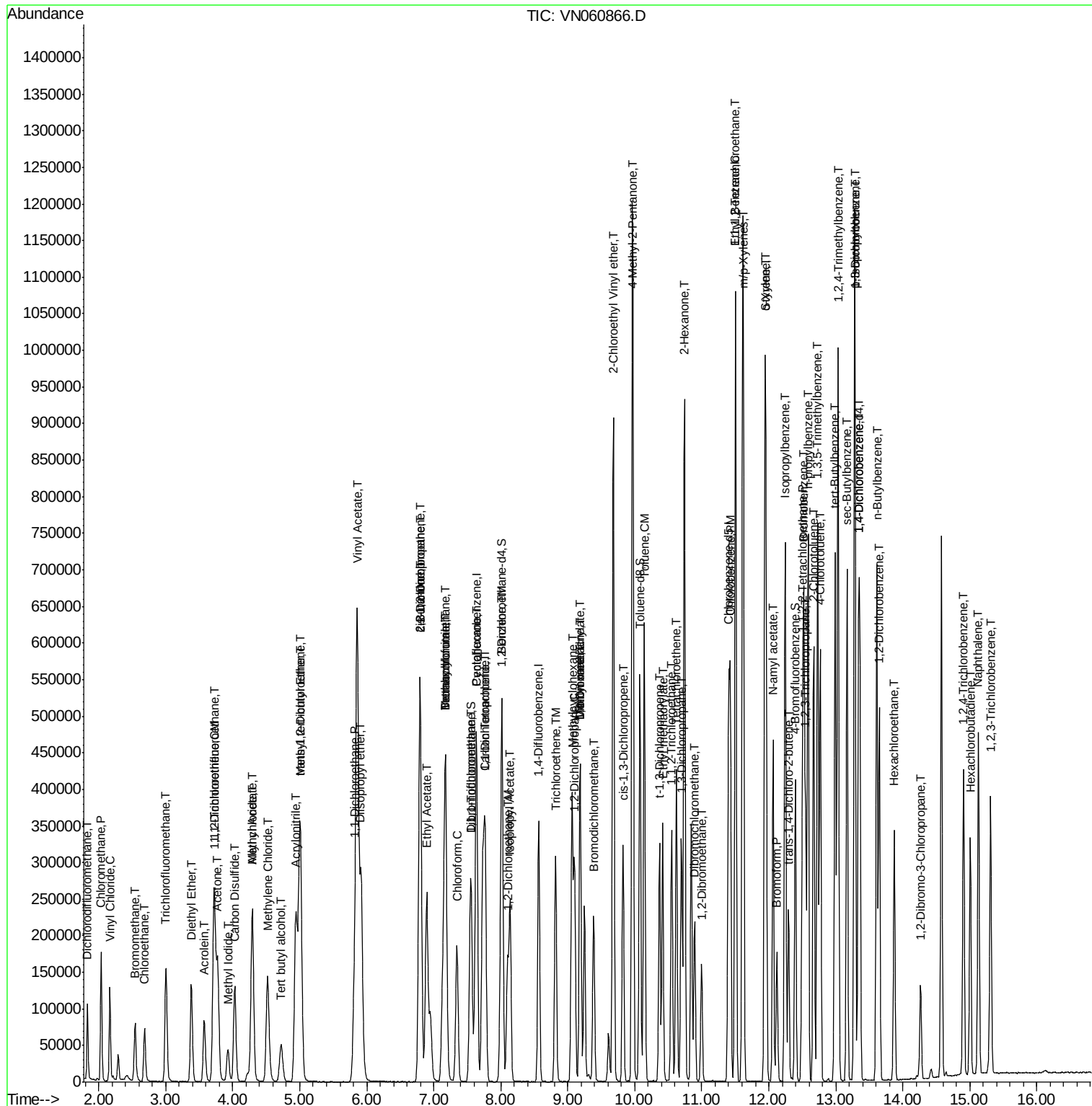
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	134565	51.466	ug/l	98
94) Hexachlorobutadiene	15.01	225	65471	51.080	ug/l	98
95) Naphthalene	15.13	128	393549	50.043	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	128490	49.892	ug/l	100

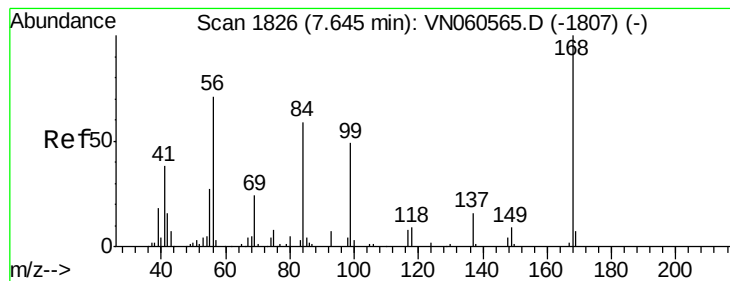
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

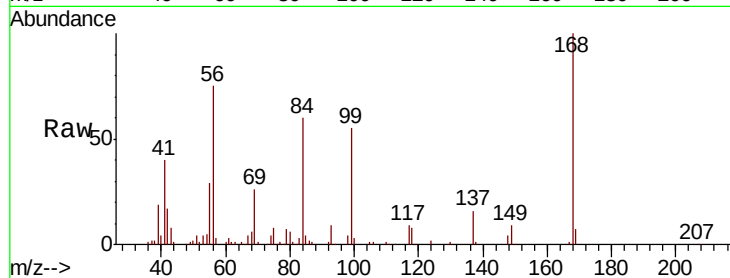
VSTDCCC050EC

Tot Ion:168 Resp: 181543

Ion Ratio Lower Upper

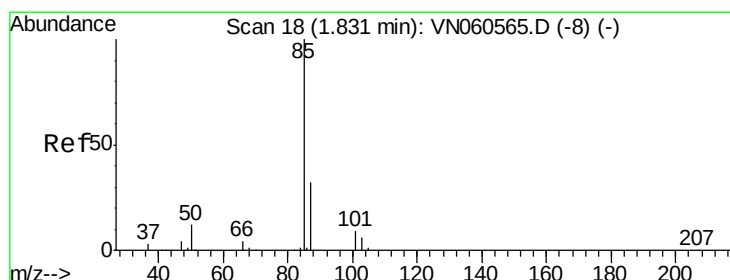
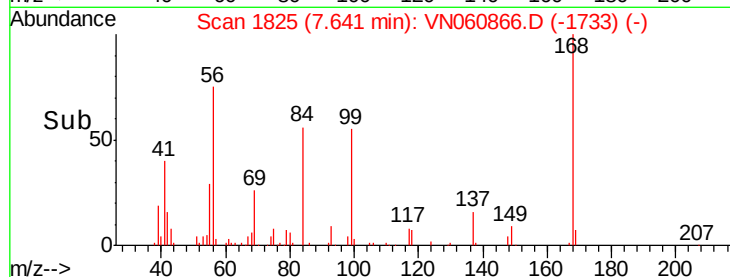
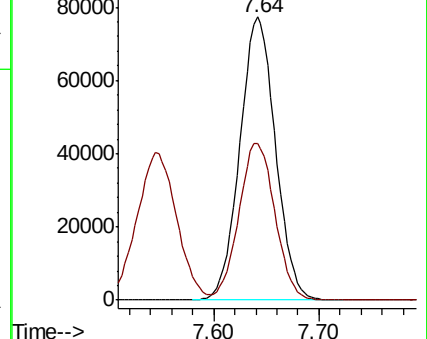
168 100

99 55.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 43.649 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060866.D

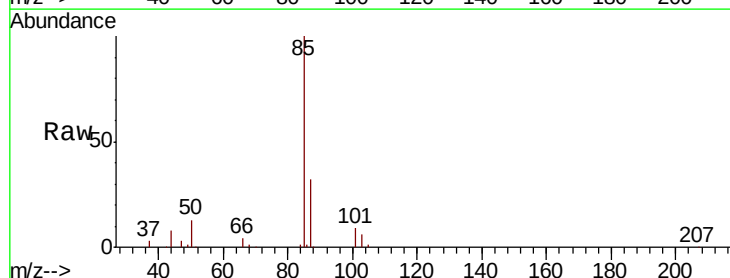
Acq: 6 Apr 2020 20:51

Tgt Ion: 85 Resp: 76673

Ion Ratio Lower Upper

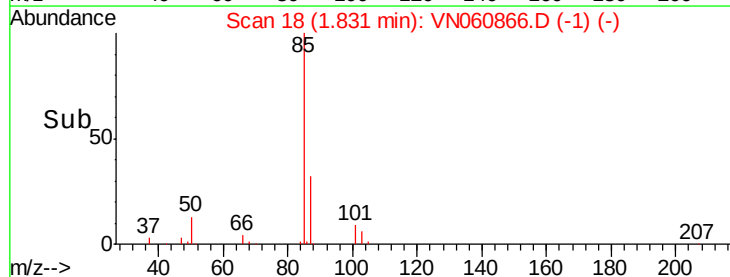
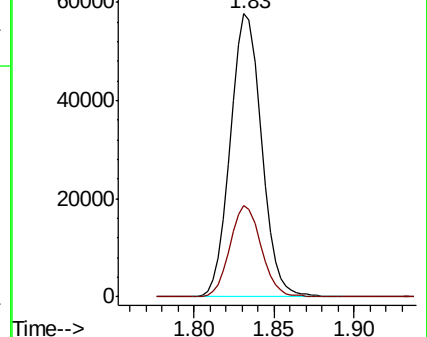
85 100

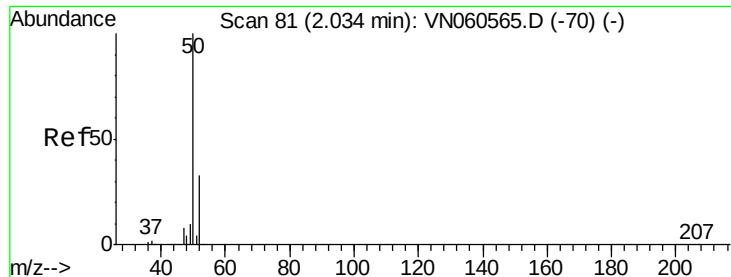
87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 45.041 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

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ClientSampleId :

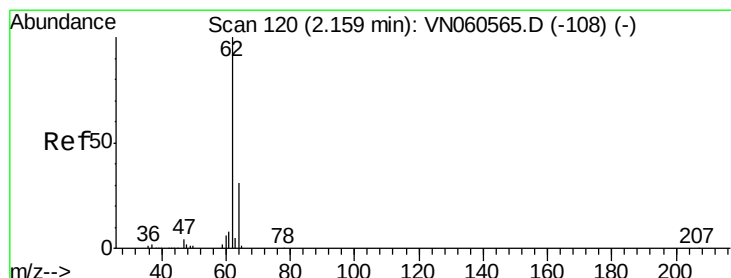
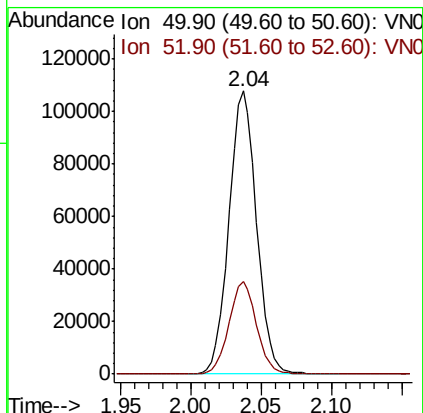
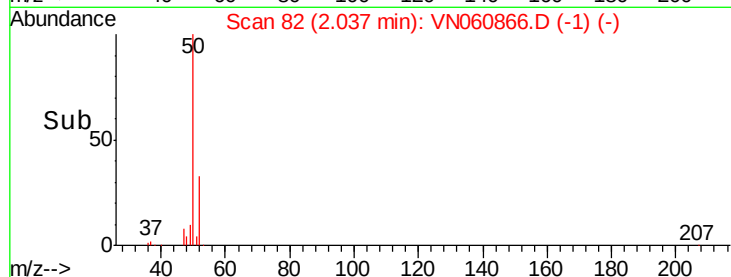
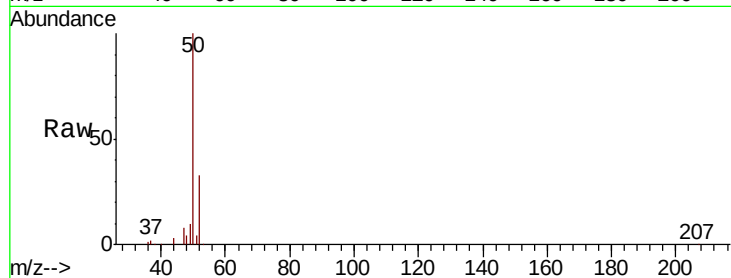
VSTDCCC050EC

Tot Ion: 50 Resp: 147766

Ion Ratio Lower Upper

50 100

52 32.5 26.2 39.2



#4

Vinyl Chloride

Concen: 45.298 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060866.D

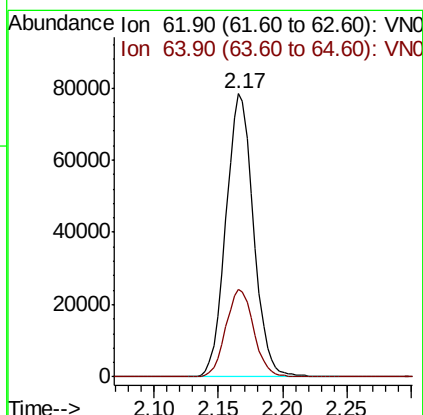
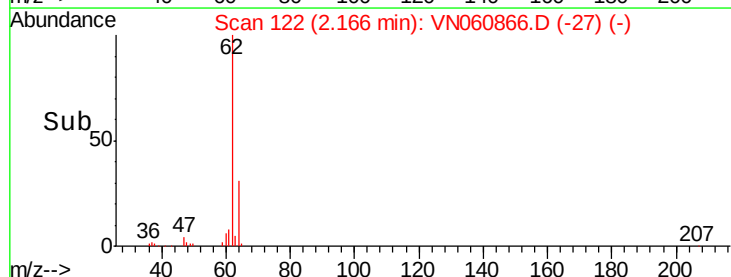
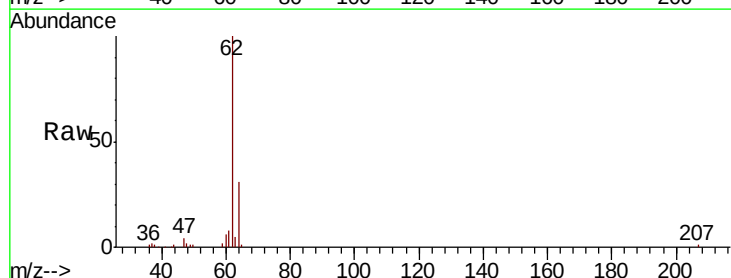
Acq: 6 Apr 2020 20:51

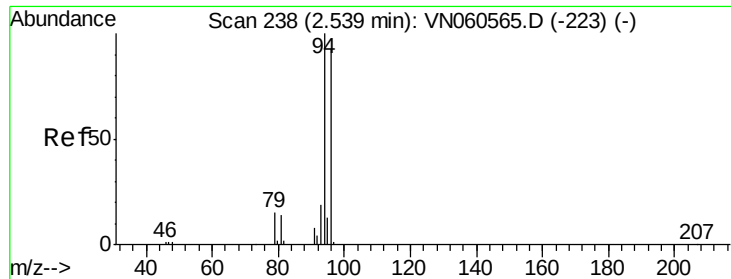
Tgt Ion: 62 Resp: 116238

Ion Ratio Lower Upper

62 100

64 31.0 24.7 37.1





#5

Bromomethane

Concen: 51.918 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

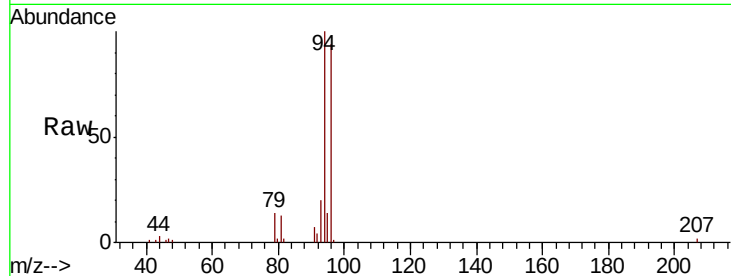
VSTDCCC050EC

Tot Ion: 94 Resp: 57511

Ion Ratio Lower Upper

94 100

96 93.6 74.6 112.0

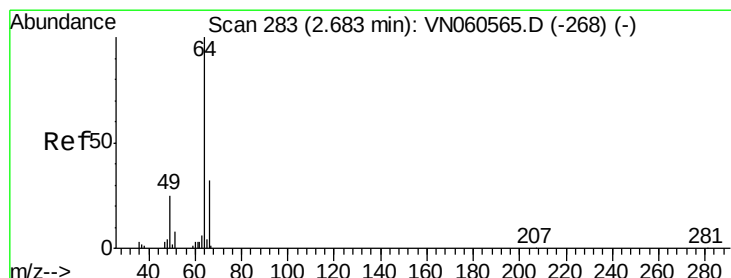
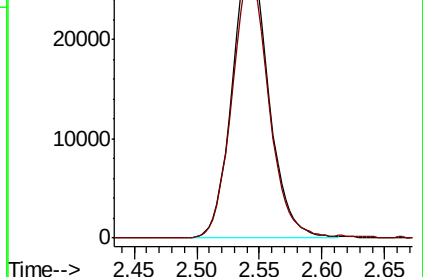
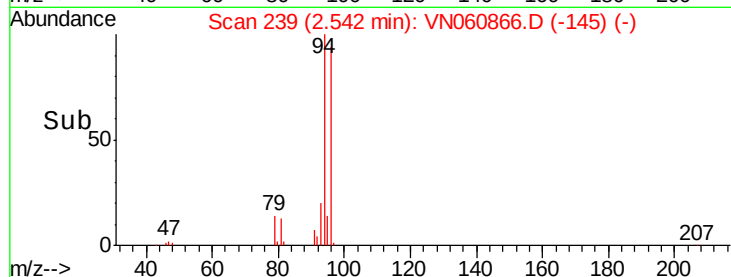


Abundance Ion 93.90 (93.60 to 94.60): VN060866.D (-145) (-)

Ion 95.90 (95.60 to 96.60): VN060866.D (-145) (-)

2.54

Time-->



#6

Chloroethane

Concen: 49.864 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060866.D

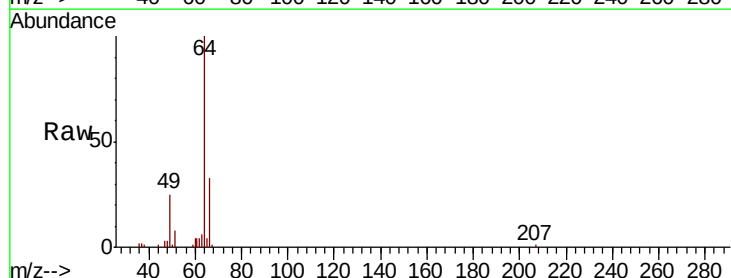
Acq: 6 Apr 2020 20:51

Tgt Ion: 64 Resp: 73708

Ion Ratio Lower Upper

64 100

66 32.7 25.3 37.9

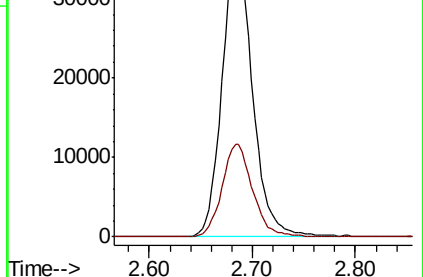
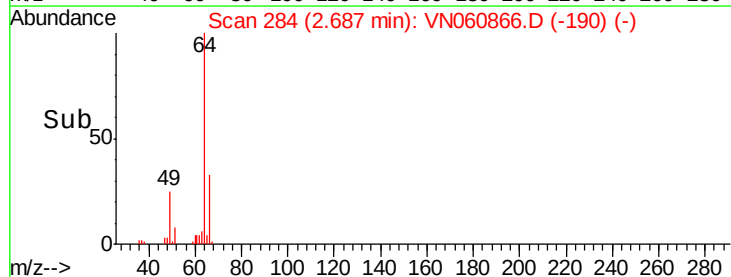


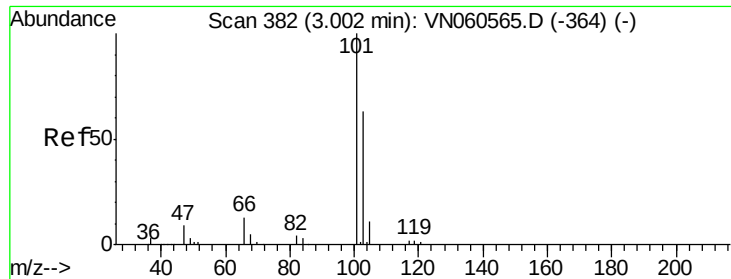
Abundance Ion 63.90 (63.60 to 64.60): VN060866.D (-190) (-)

Ion 65.90 (65.60 to 66.60): VN060866.D (-190) (-)

2.69

Time-->



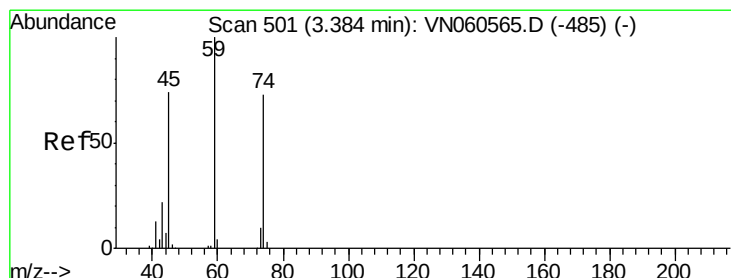
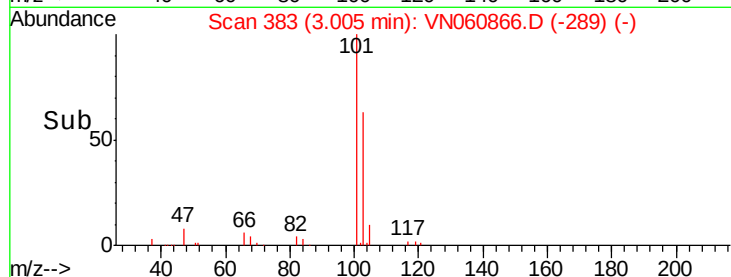
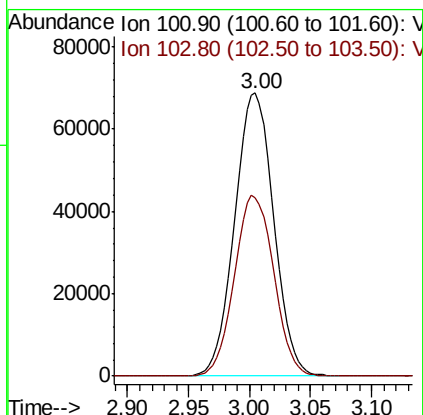
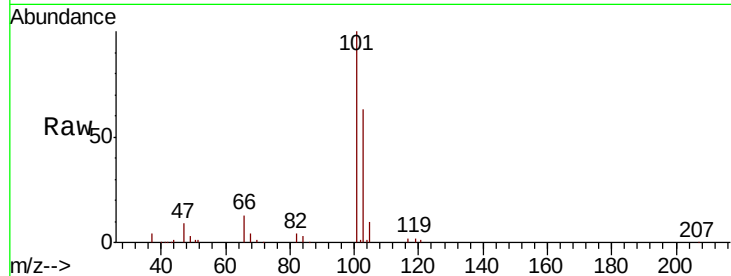


#7

Trichlorofluoromethane
 Concen: 48.237 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

Instrument :
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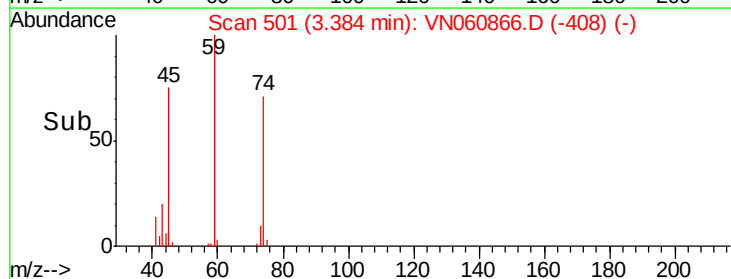
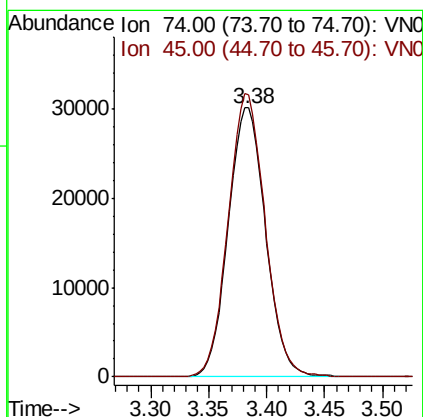
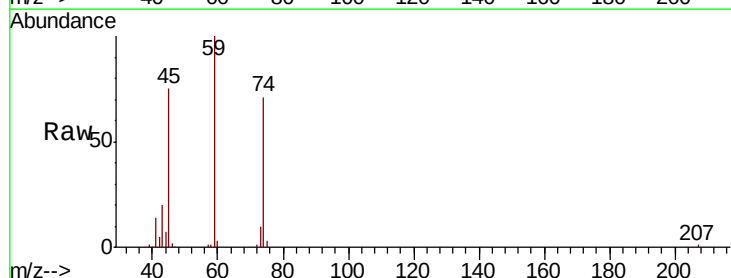
Tot Ion:101 Resp: 152477
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.6 76.0

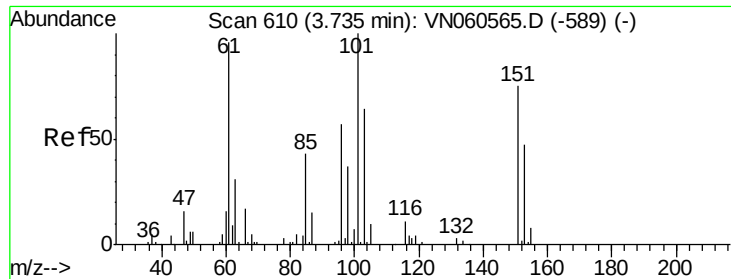


#8

Diethyl Ether
 Concen: 52.908 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

Tgt Ion: 74 Resp: 67184
 Ion Ratio Lower Upper
 74 100
 45 104.2 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.152 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

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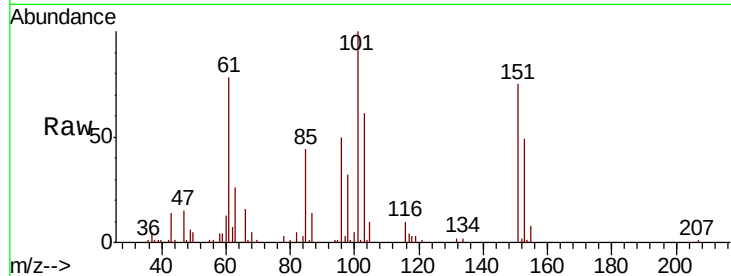
Tot Ion:101 Resp: 90029

Ion Ratio Lower Upper

101 100

85 43.5 35.6 53.4

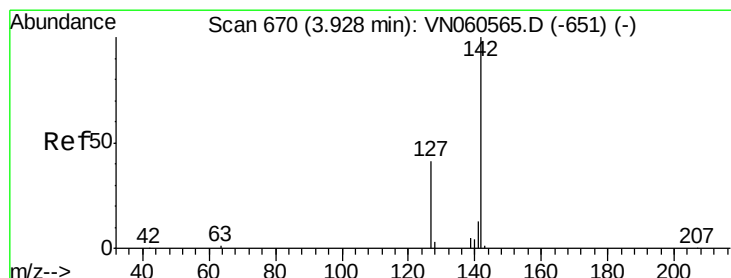
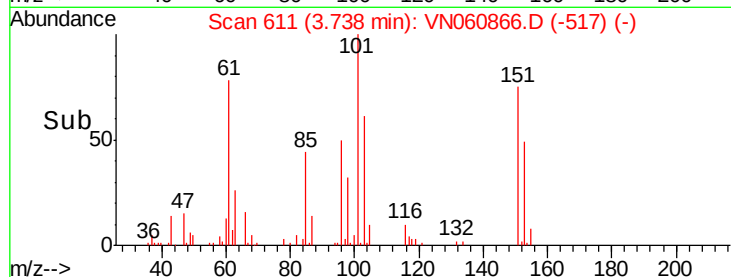
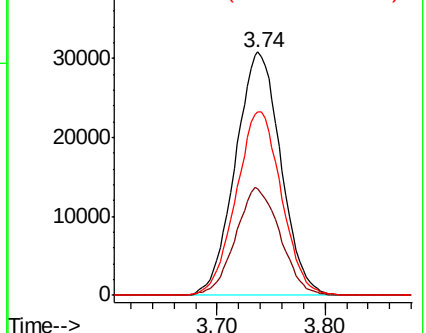
151 75.6 61.4 92.2



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: 43.943 ug/l

RT: 3.93 min Scan# 670

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

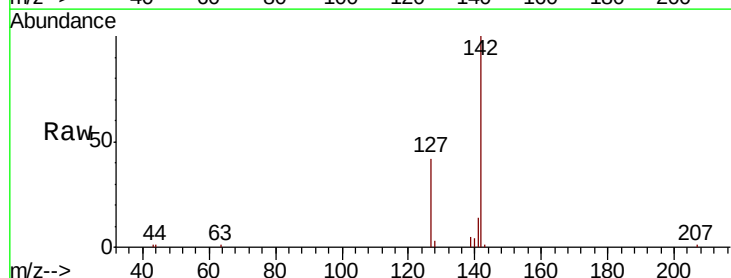
Tgt Ion:142 Resp: 71619

Ion Ratio Lower Upper

142 100

127 41.5 33.5 50.3

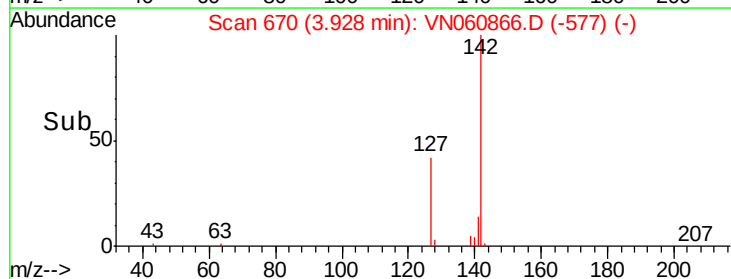
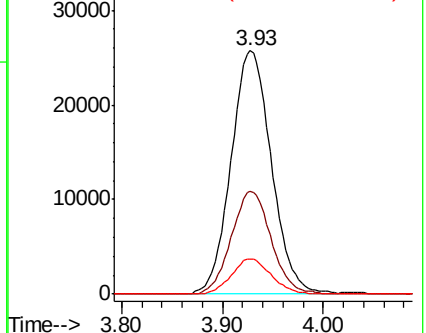
141 14.1 11.0 16.6

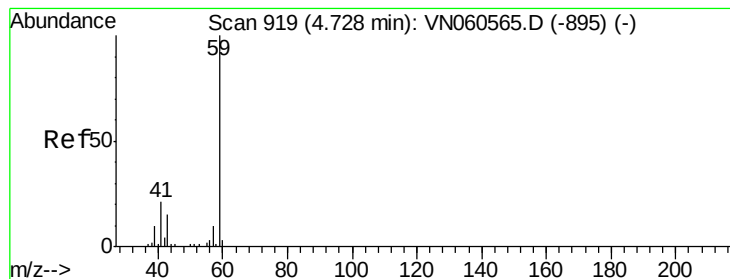


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



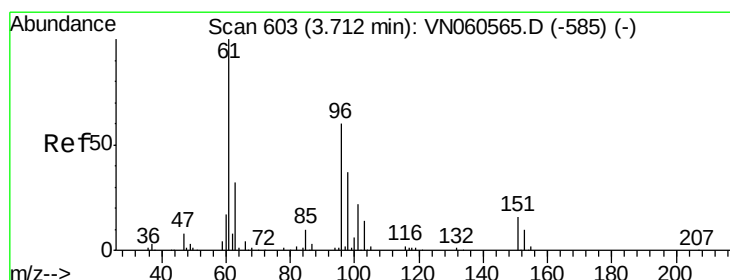
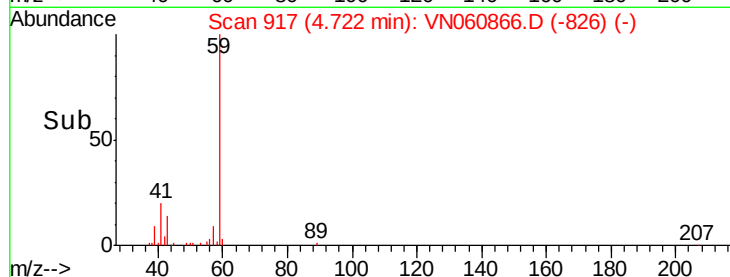
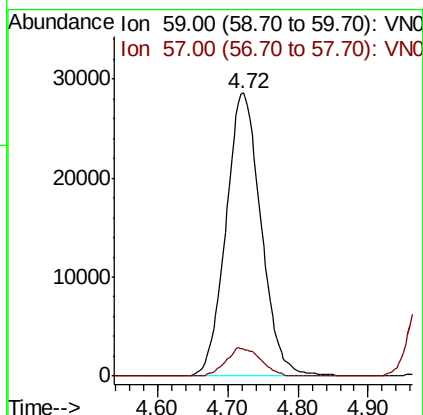
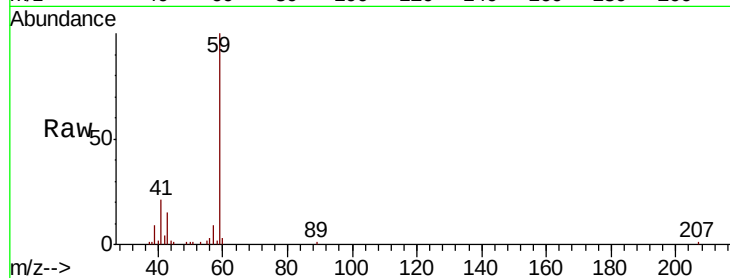


#11

Tert butyl alcohol
Concen: 270.870 ug/l
RT: 4.72 min Scan# 917
Delta R.T. -0.01 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

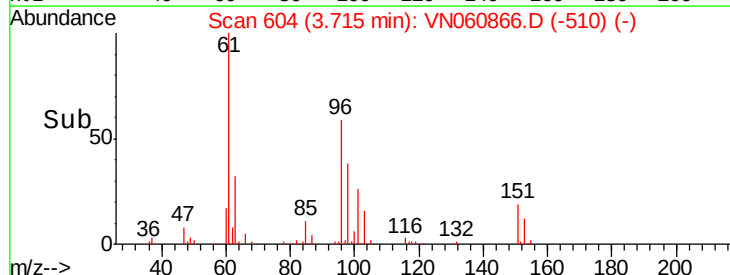
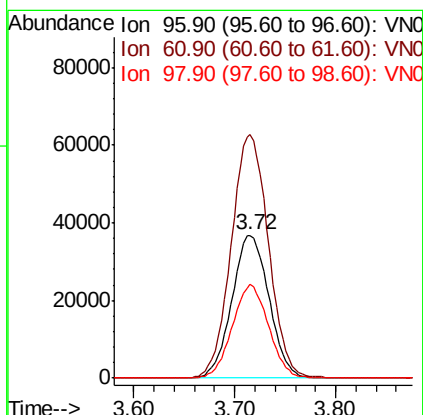
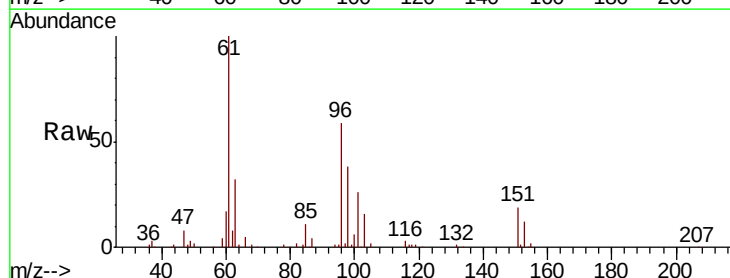
Tot Ion: 59 Resp: 99279
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

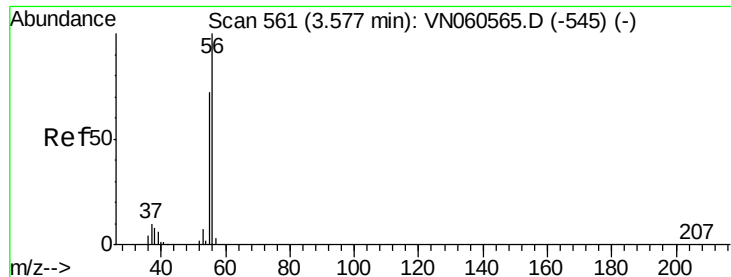


#12

1,1-Dichloroethene
Concen: 47.947 ug/l
RT: 3.72 min Scan# 604
Delta R.T. 0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion: 96 Resp: 94242
Ion Ratio Lower Upper
96 100
61 170.4 134.1 201.1
98 65.5 49.9 74.9





#13

Acrolein

Concen: 236.982 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

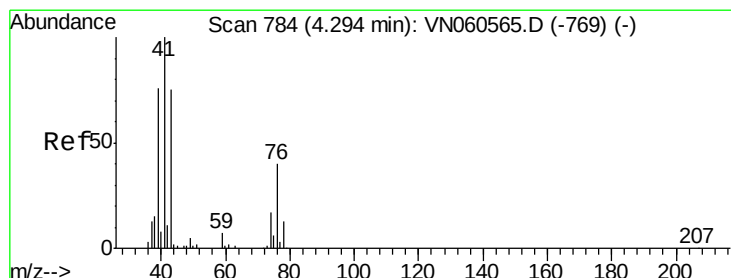
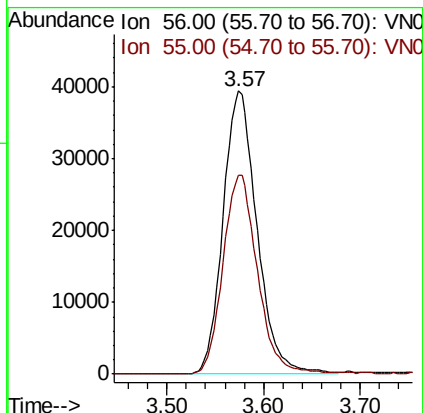
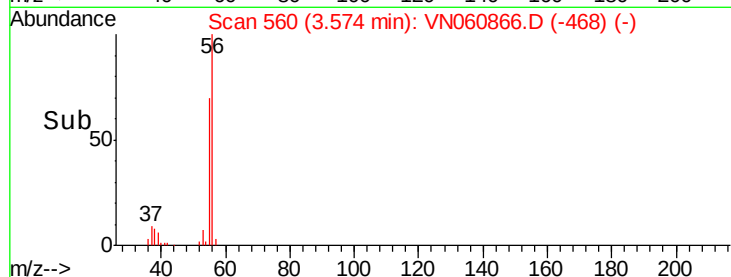
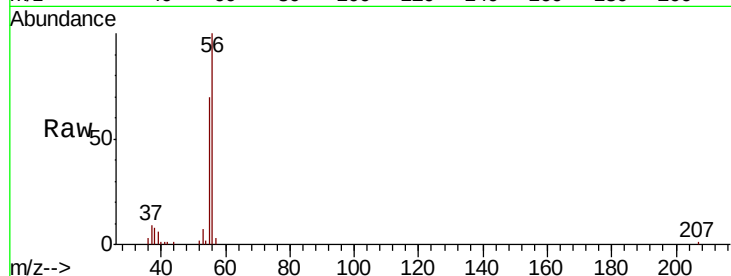
VSTDCCC050EC

Tot Ion: 56 Resp: 96265

Ion Ratio Lower Upper

56 100

55 71.3 56.7 85.1



#14

Allyl chloride

Concen: 50.222 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

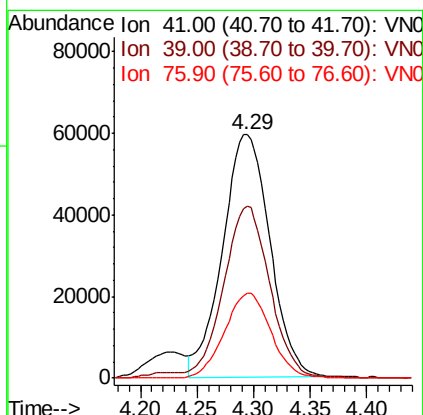
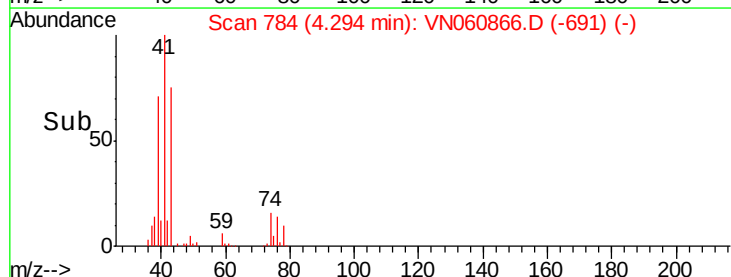
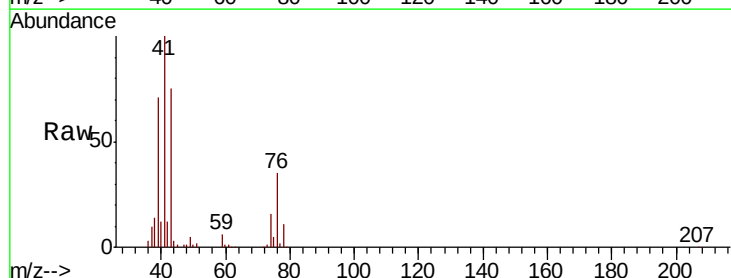
Tgt Ion: 41 Resp: 173616

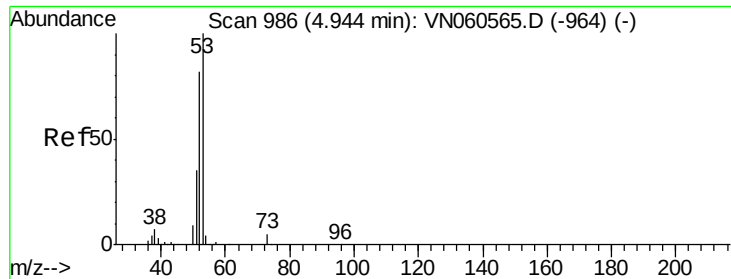
Ion Ratio Lower Upper

41 100

39 69.2 57.8 86.8

76 34.1 28.6 43.0





#15

Acrylonitrile

Concen: 282.378 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

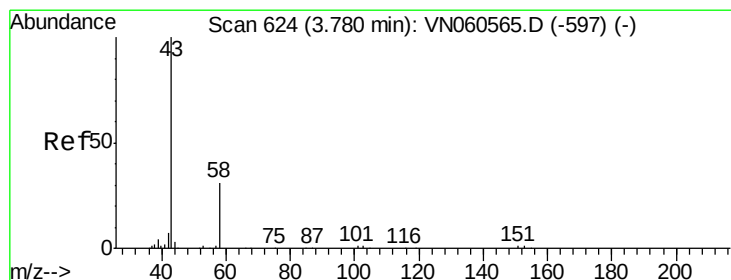
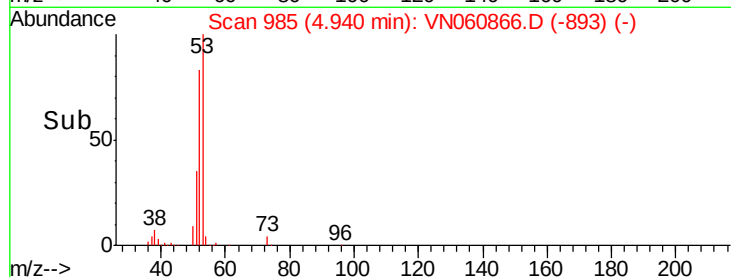
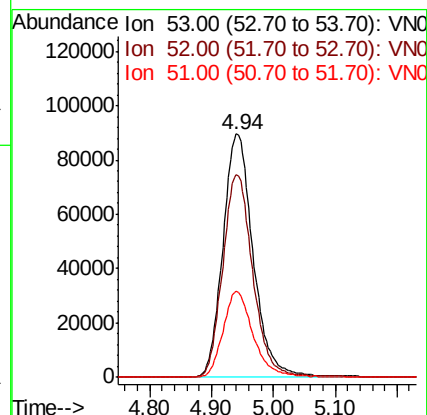
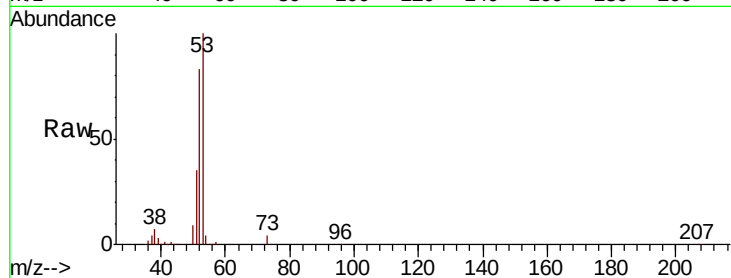
Tot Ion: 53 Resp: 304343

Ion Ratio Lower Upper

53 100

52 82.6 66.2 99.4

51 35.2 28.7 43.1



#16

Acetone

Concen: 276.238 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060866.D

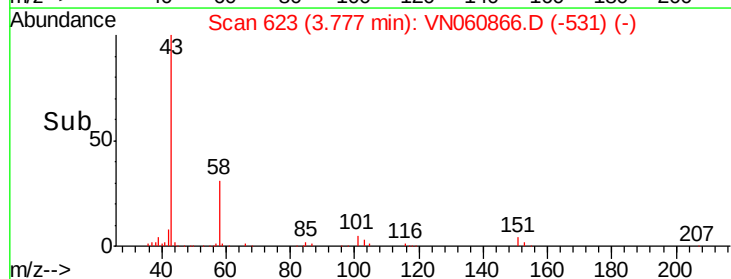
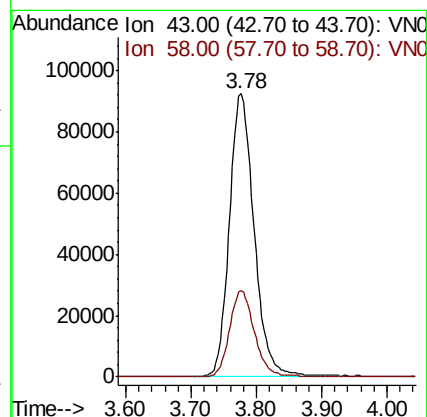
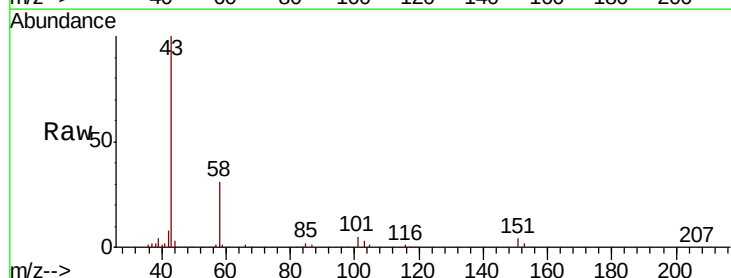
Acq: 6 Apr 2020 20:51

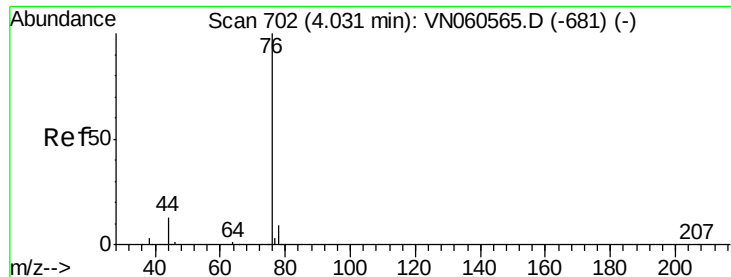
Tgt Ion: 43 Resp: 243857

Ion Ratio Lower Upper

43 100

58 30.6 25.1 37.7





#17

Carbon Disulfide

Concen: 43.867 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

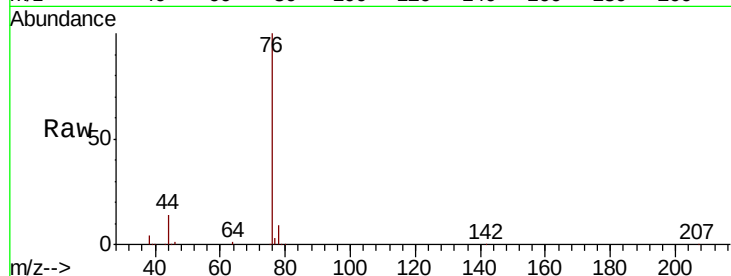
VSTDCCC050EC

Tot Ion: 76 Resp: 262227

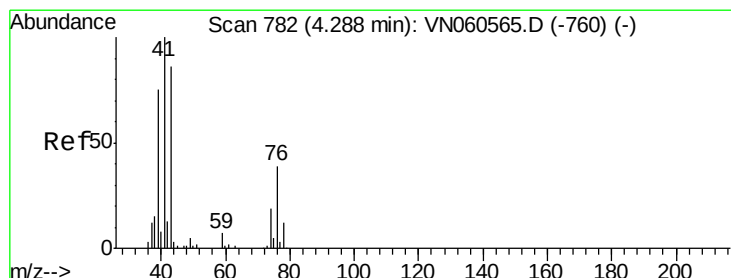
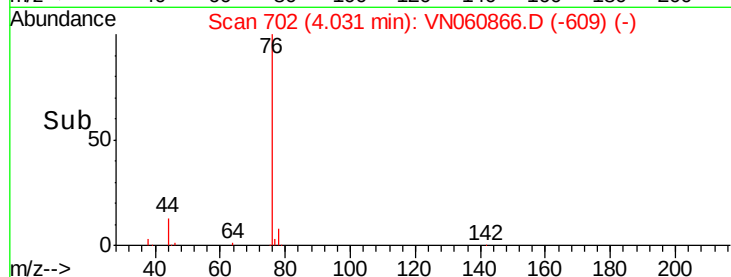
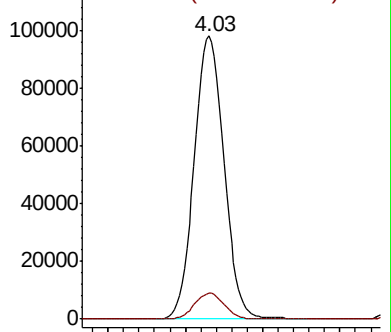
Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN060866.D (-609) (-)



#18

Methyl Acetate

Concen: 57.742 ug/l

RT: 4.28 min Scan# 781

Delta R.T. -0.00 min

Lab File: VN060866.D

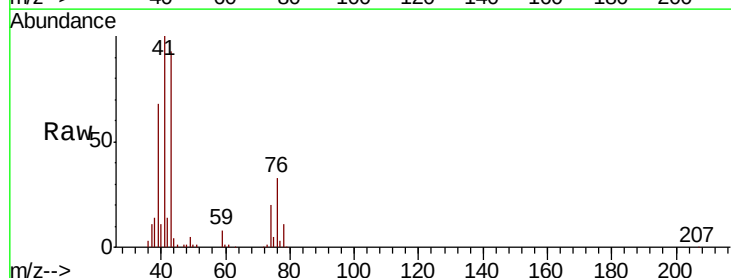
Acq: 6 Apr 2020 20:51

Tgt Ion: 43 Resp: 143476

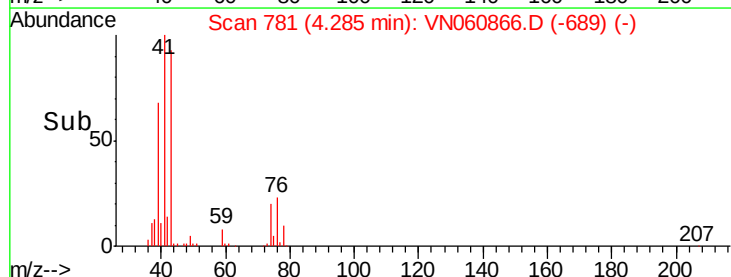
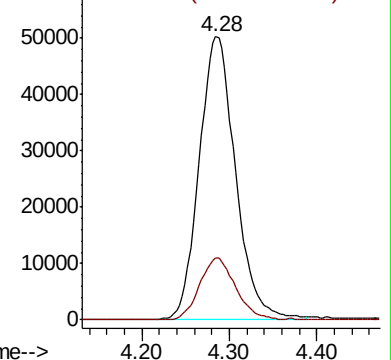
Ion Ratio Lower Upper

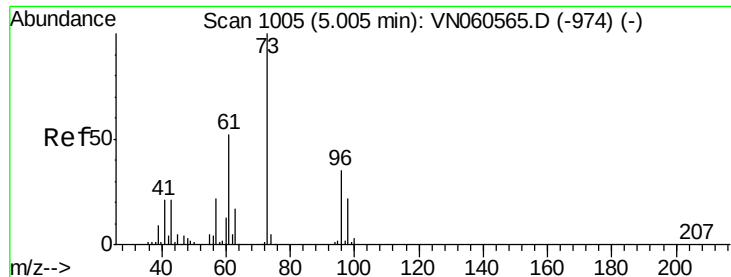
43 100

74 21.9 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN060866.D (-689) (-)

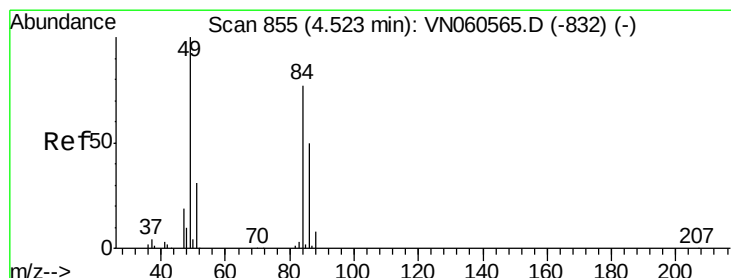
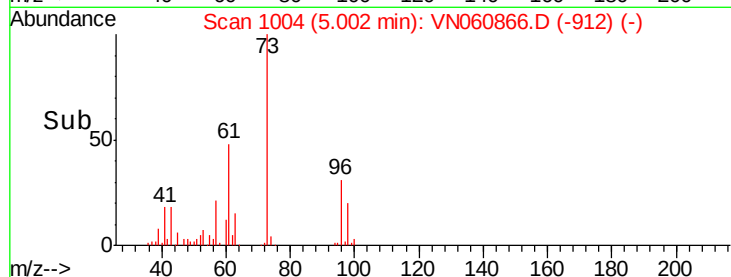
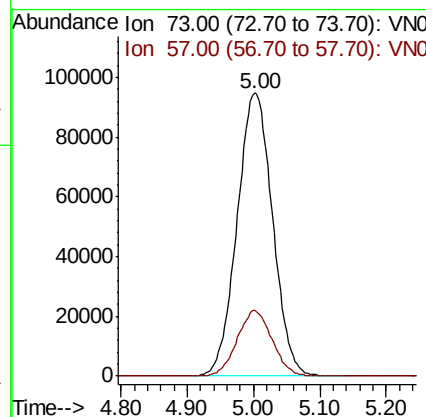
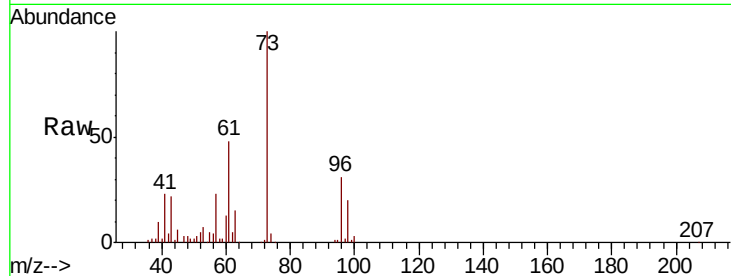




#19
Methyl tert-butyl Ether
Concen: 52.161 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

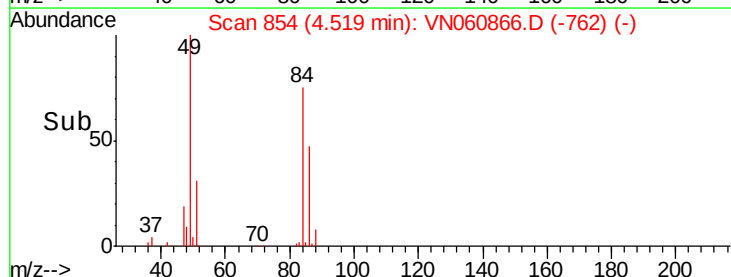
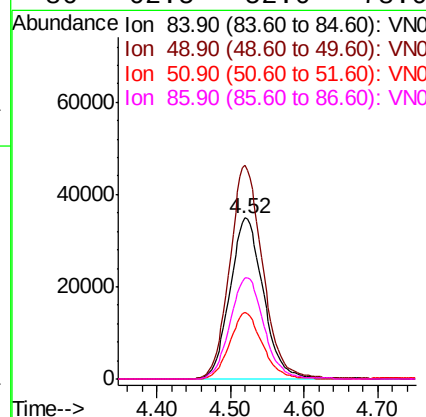
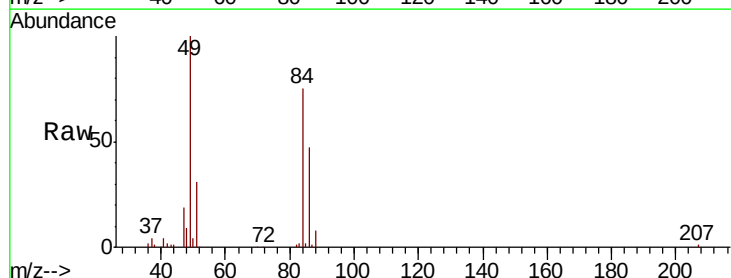
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

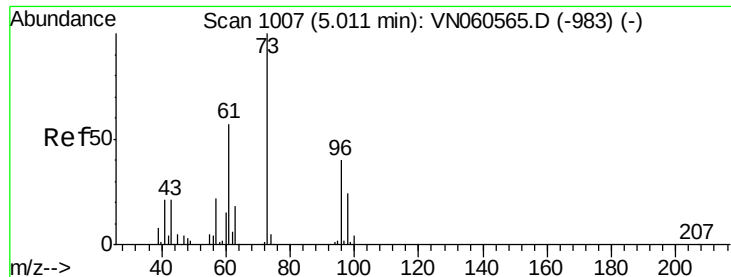
Tot Ion: 73 Resp: 352492
Ion Ratio Lower Upper
73 100
57 23.2 17.5 26.3



#20
Methylene Chloride
Concen: 50.713 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion: 84 Resp: 110127
Ion Ratio Lower Upper
84 100
49 132.8 103.3 154.9
51 41.1 31.6 47.4
86 62.5 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 48.351 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

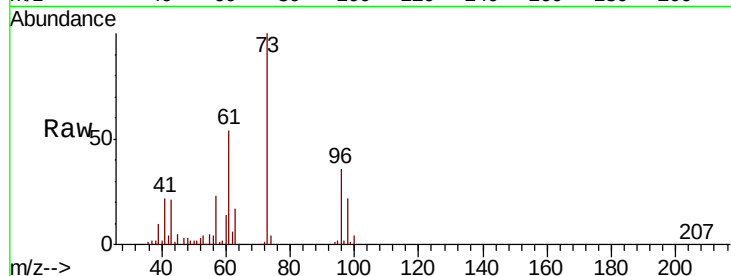
Tot Ion: 96 Resp: 101287

Ion Ratio Lower Upper

96 100

61 148.4 114.4 171.6

98 61.4 48.4 72.6

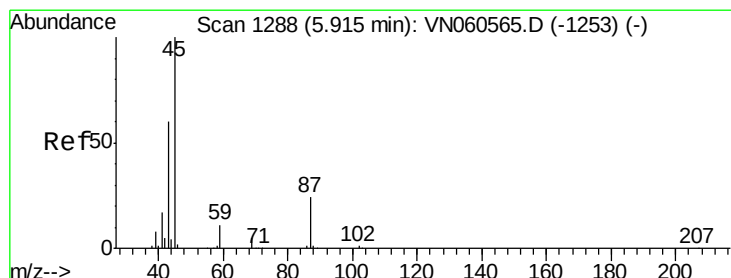
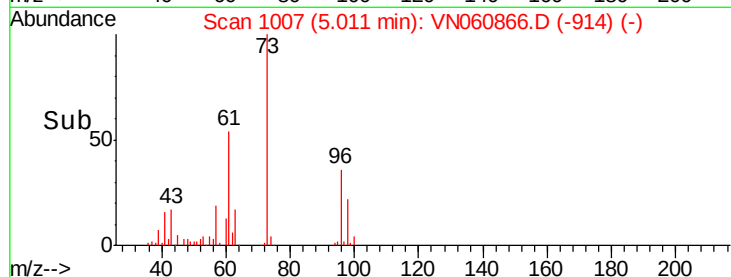
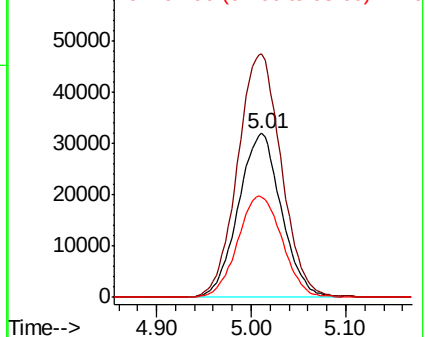


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 54.509 ug/l

RT: 5.91 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Tgt Ion: 45 Resp: 398107

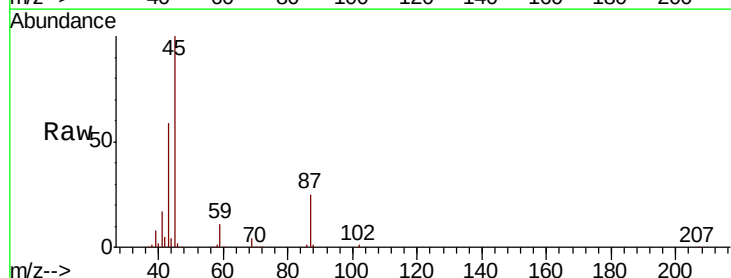
Ion Ratio Lower Upper

45 100

43 58.1 49.8 74.8

87 24.7 20.1 30.1

59 10.9 9.2 13.8



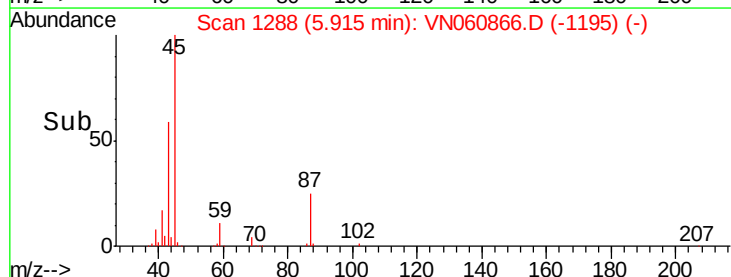
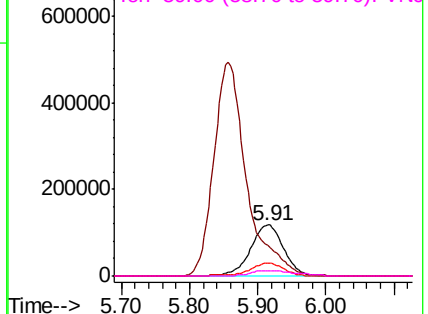
Abundance

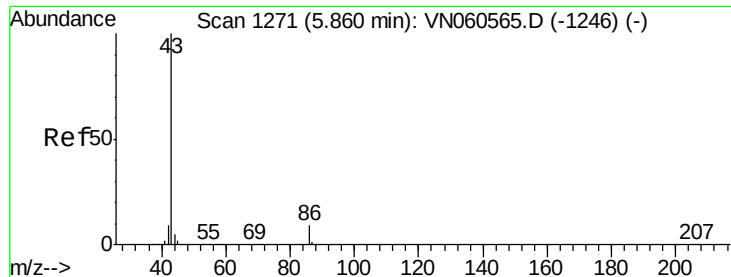
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 276.867 ug/l

RT: 5.86 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

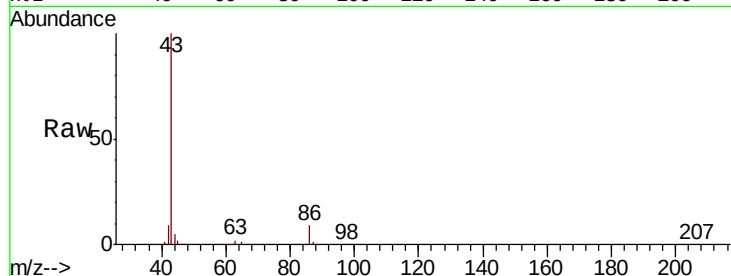
VSTDCCC050EC

Tot Ion: 43 Resp: 1649866

Ion Ratio Lower Upper

43 100

86 9.2 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN060866.D (-1178) (-)

Ion 86.00 (85.70 to 86.70): VN060866.D (-1178) (-)

5.86

500000

400000

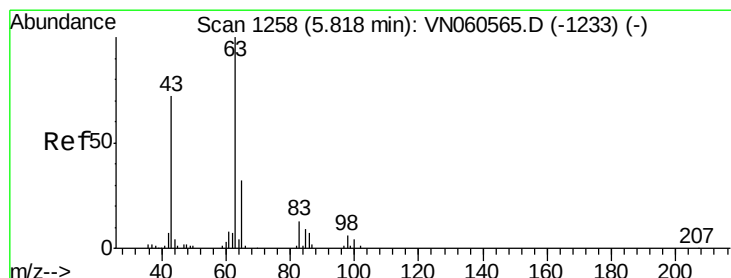
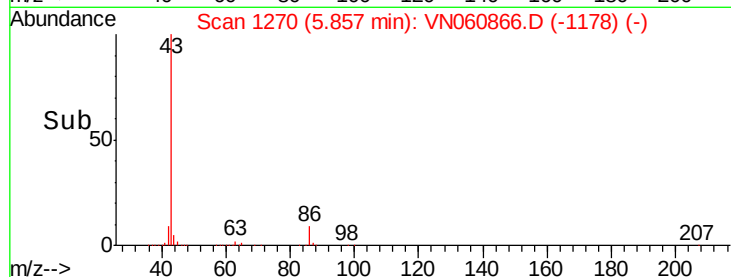
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.424 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

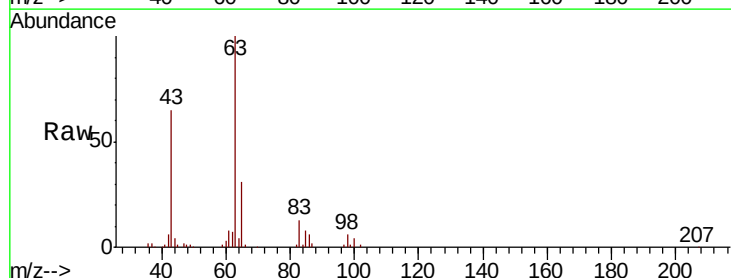
Tgt Ion: 63 Resp: 208728

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.7

100 3.6 1.8 5.5



Abundance Ion 62.90 (62.60 to 63.60): VN060866.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN060866.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN060866.D (-1165) (-)

5.82

80000

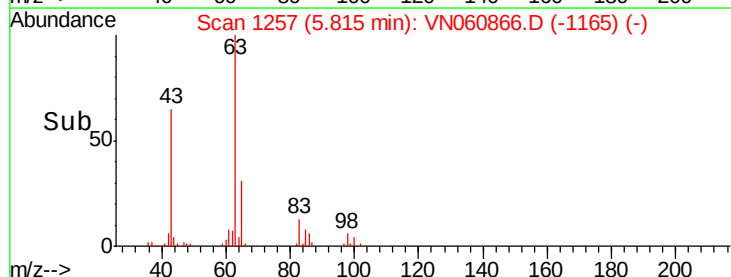
60000

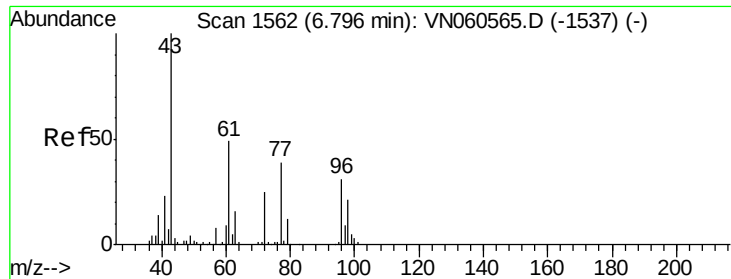
40000

20000

0

Time-->

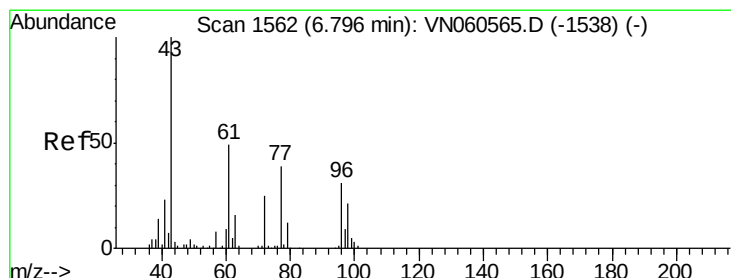
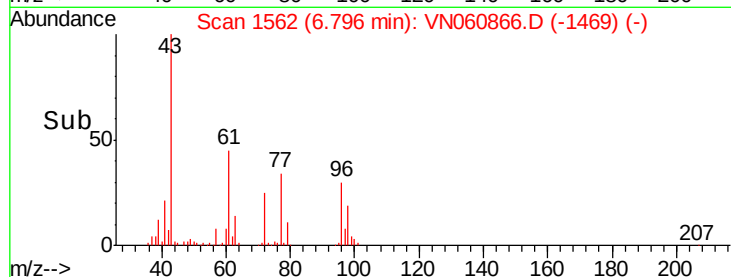
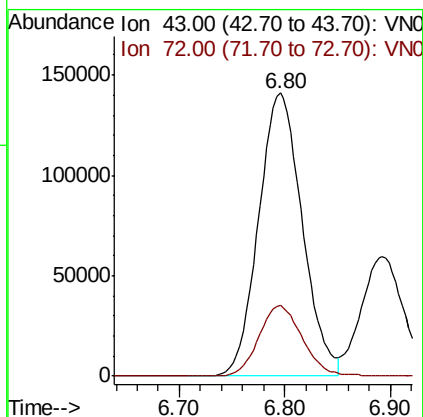
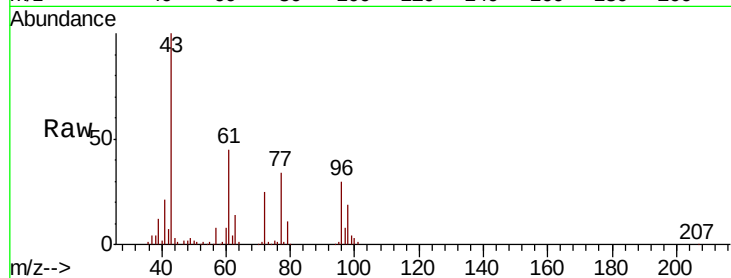




#25
2-Butanone
Concen: 283.709 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

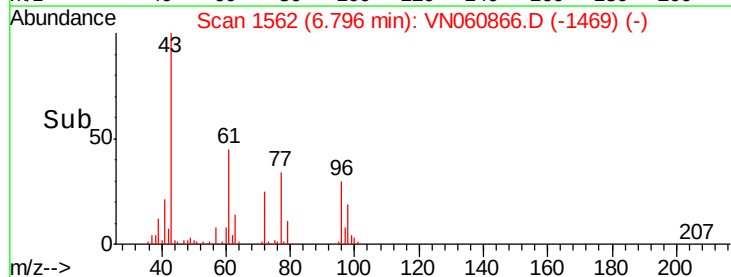
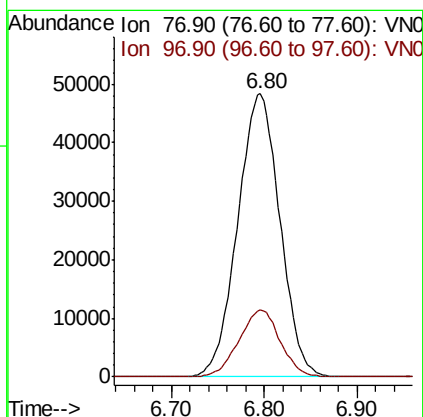
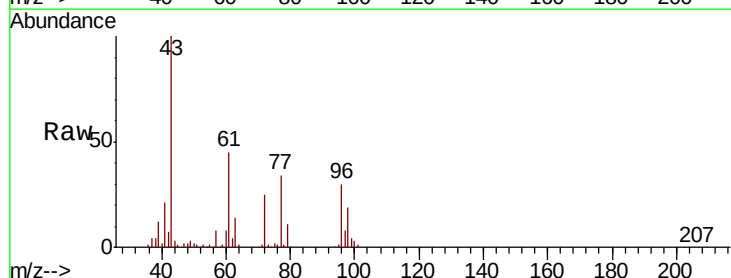
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

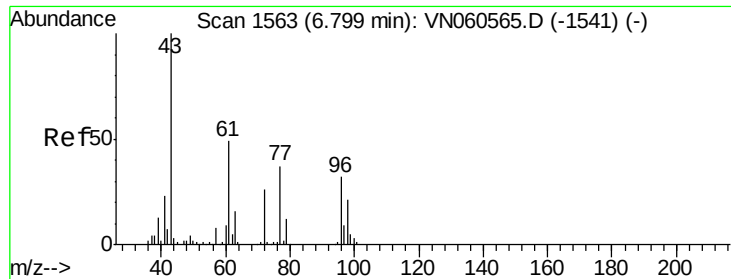
Tot Ion: 43 Resp: 405275
Ion Ratio Lower Upper
43 100
72 24.9 20.4 30.6



#26
2,2-Dichloropropane
Concen: 48.704 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion: 77 Resp: 152569
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.940 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

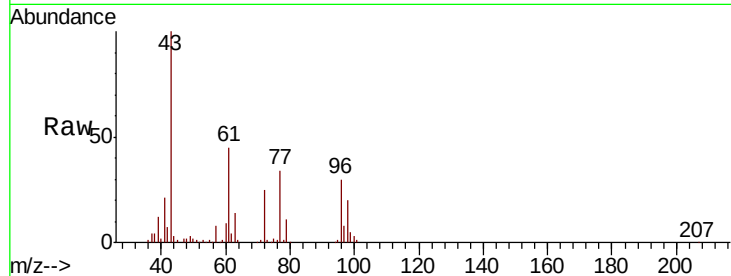
Tot Ion: 96 Resp: 121264

Ion Ratio Lower Upper

96 100

61 154.2 0.0 305.6

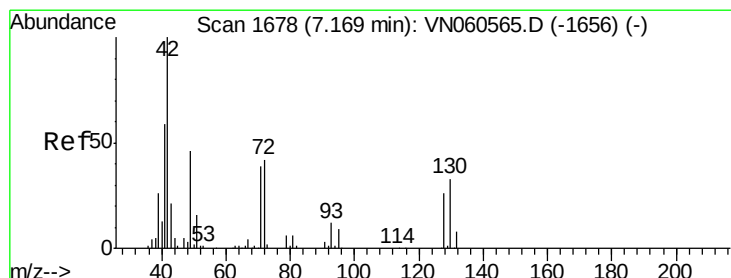
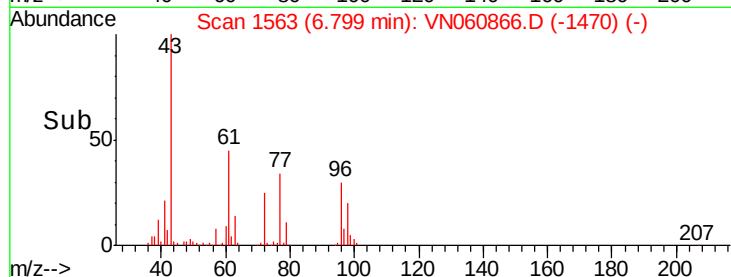
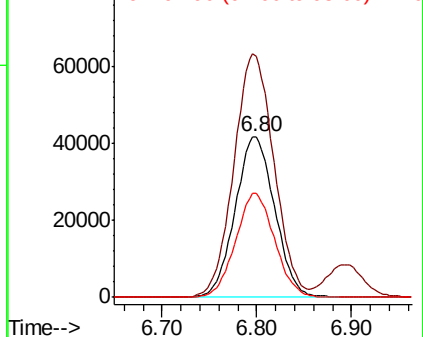
98 64.0 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN060866.D (-1470) (-)

Ion 60.90 (60.60 to 61.60): VN060866.D (-1470) (-)

Ion 97.90 (97.60 to 98.60): VN060866.D (-1470) (-)



#28

Bromochloromethane

Concen: 55.389 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

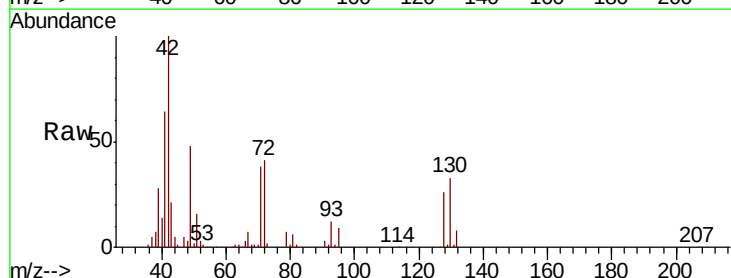
Tgt Ion: 49 Resp: 105512

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

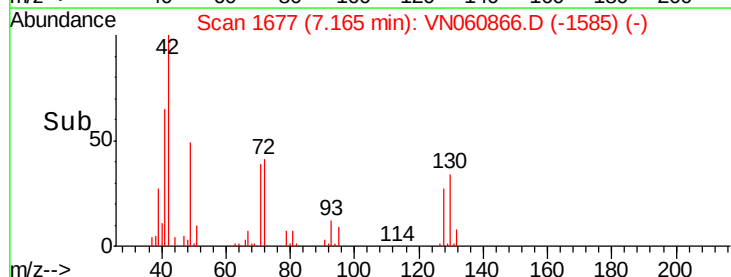
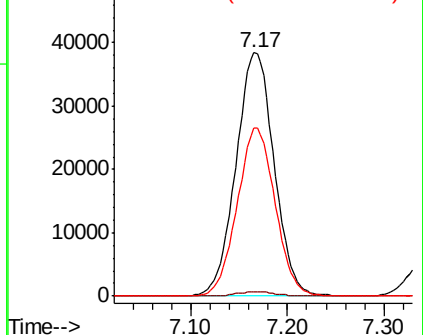
130 68.6 55.0 82.4

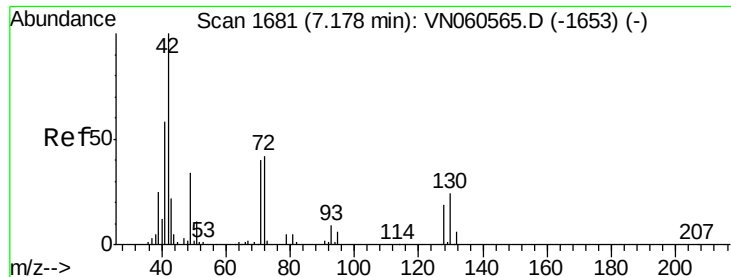


Abundance Ion 48.90 (48.60 to 49.60): VN060866.D (-1585) (-)

Ion 128.80 (128.50 to 129.50): VN060866.D (-1585) (-)

Ion 129.80 (129.50 to 130.50): VN060866.D (-1585) (-)

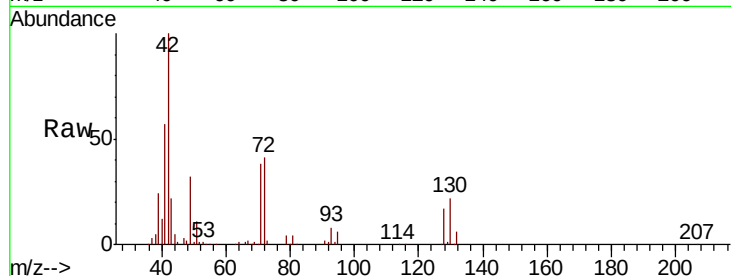




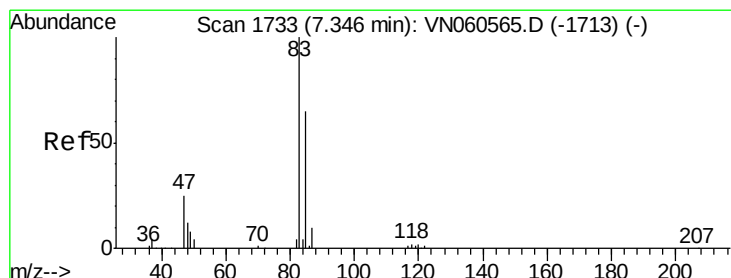
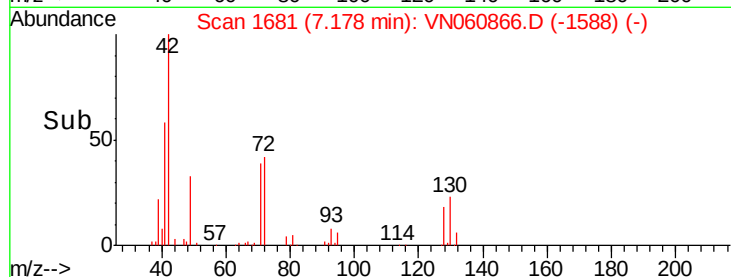
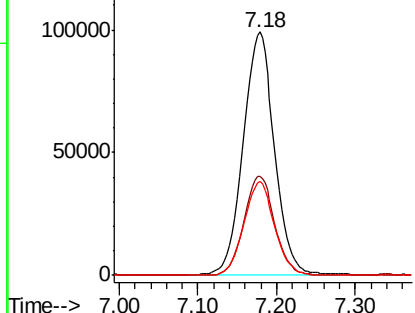
#29
Tetrahydrofuran
Concen: 274.403 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 277342
Ion Ratio Lower Upper
42 100
72 40.3 33.2 49.8
71 37.9 31.1 46.7

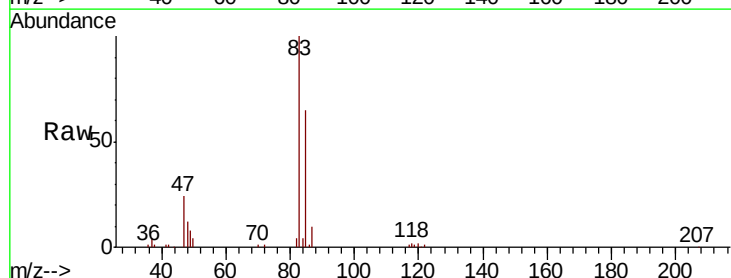


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

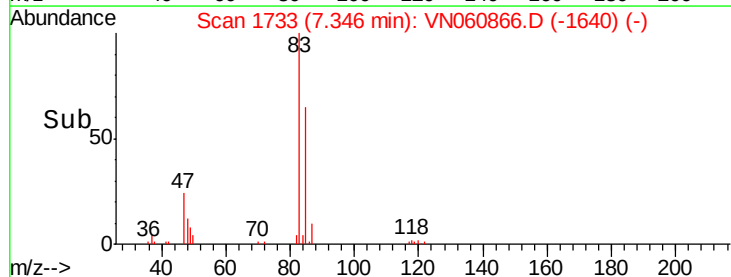
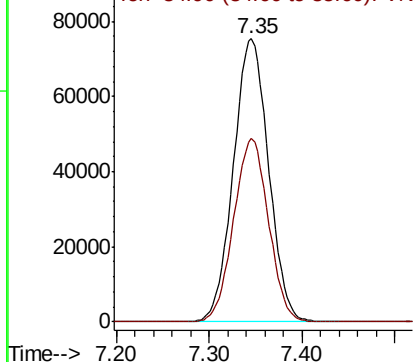


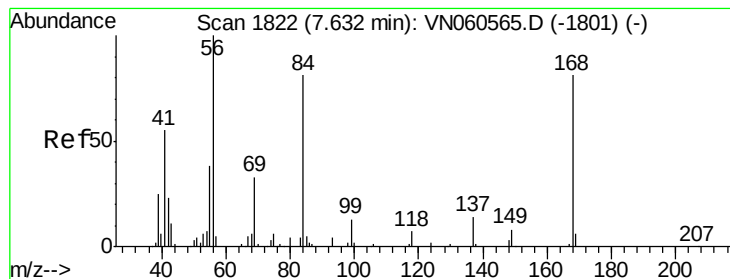
#30
Chloroform
Concen: 51.996 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion: 83 Resp: 198464
Ion Ratio Lower Upper
83 100
85 64.7 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 44.942 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

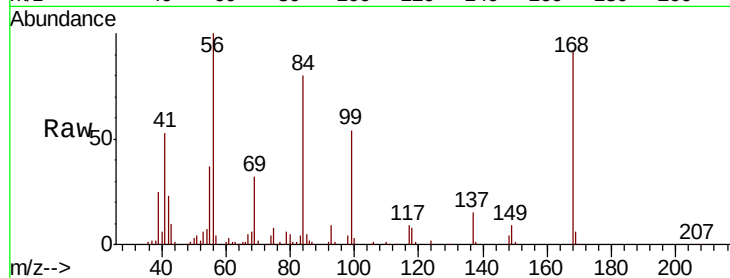
Tot Ion: 56 Resp: 180395

Ion Ratio Lower Upper

56 100

69 32.0 26.6 40.0

84 78.9 64.3 96.5

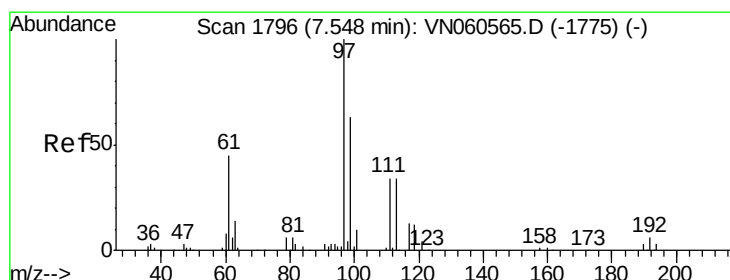
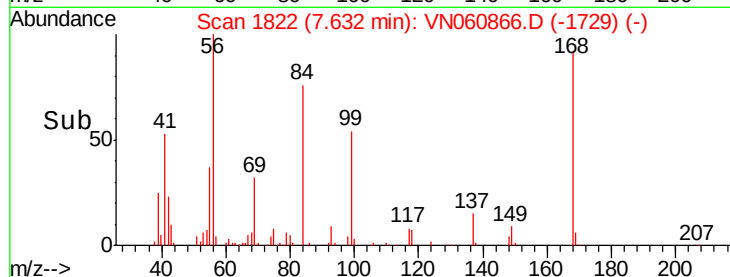
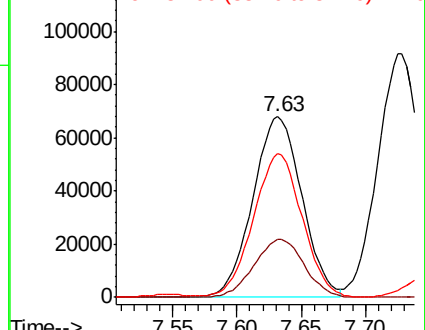


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 50.947 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

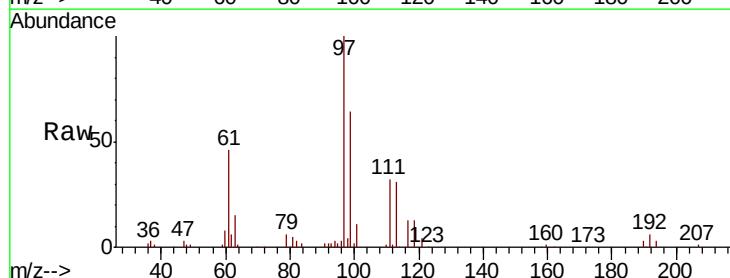
Tgt Ion: 97 Resp: 167639

Ion Ratio Lower Upper

97 100

99 63.7 50.6 75.8

61 45.7 36.2 54.4

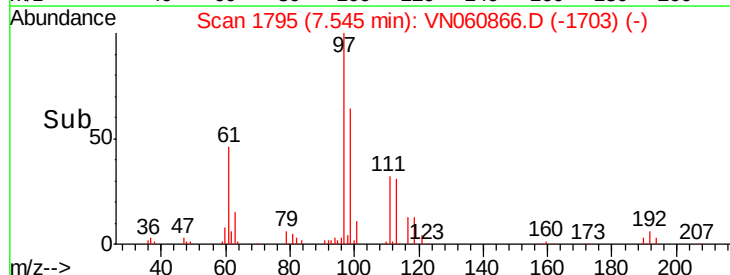
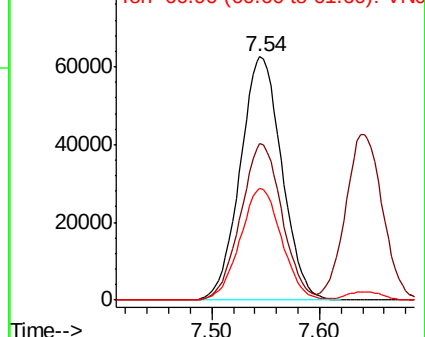


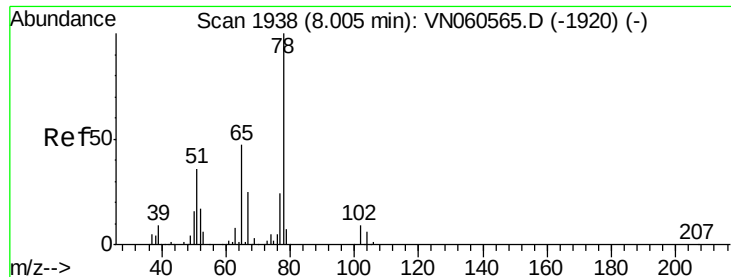
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

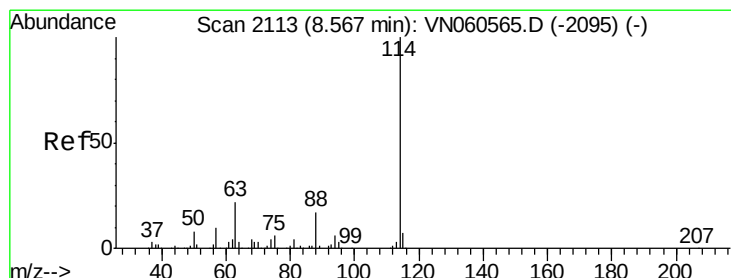
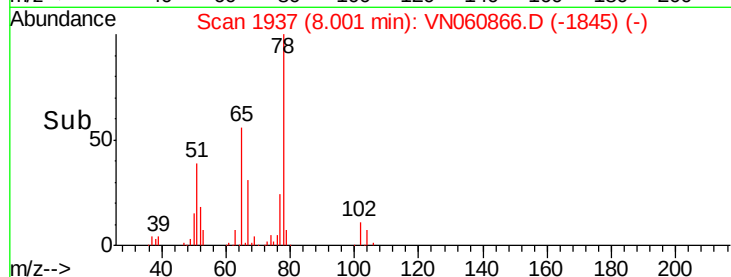
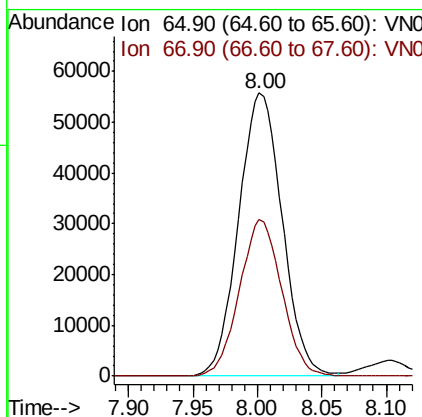
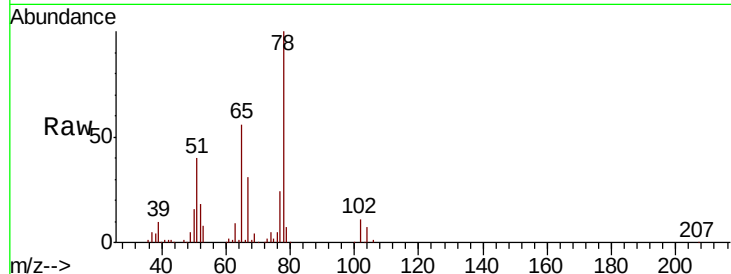




#33
 1,2-Dichloroethane-d4
 Concen: 52.636 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

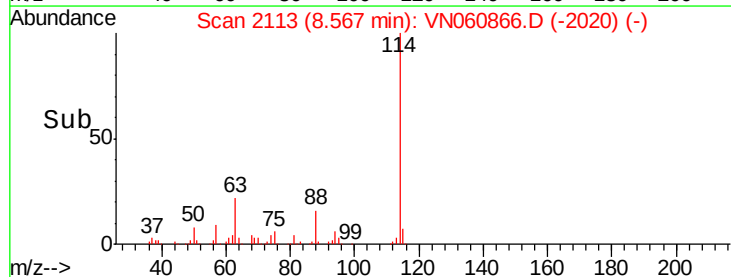
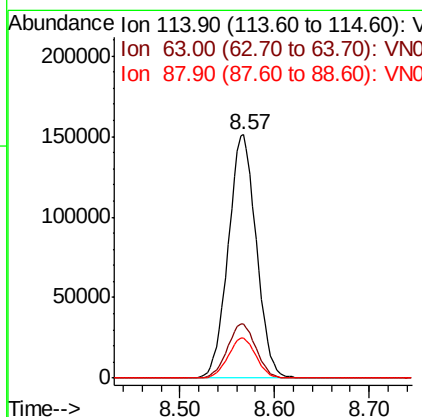
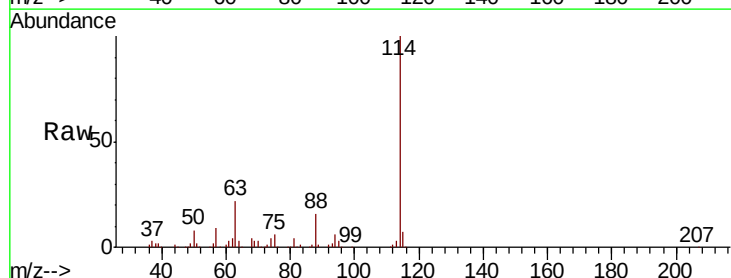
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

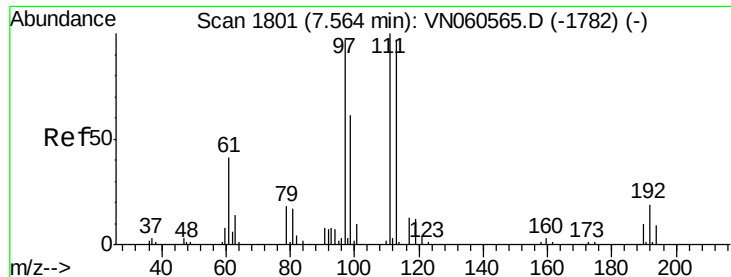
Tot Ion: 65 Resp: 131177
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

Tgt Ion: 114 Resp: 310789
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 16.3 0.0 33.0

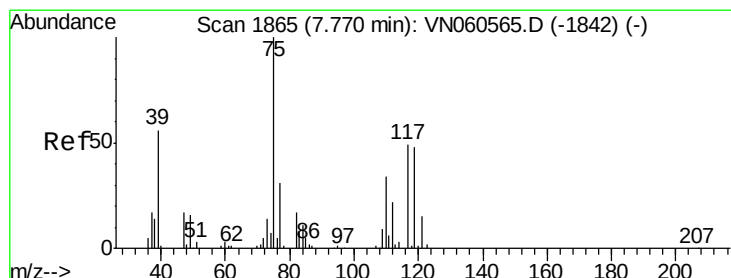
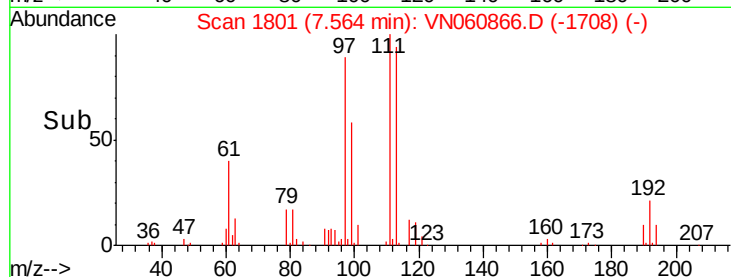
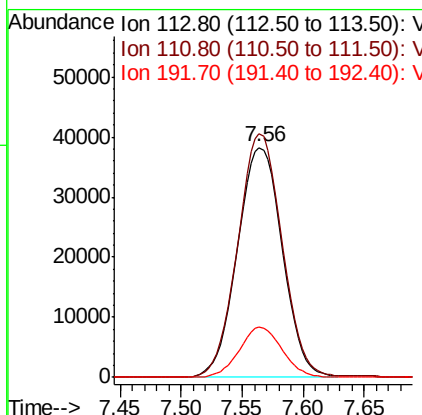
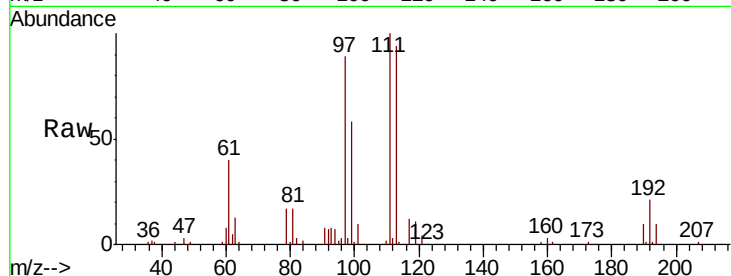




#35
 Dibromofluoromethane
 Concen: 52.053 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

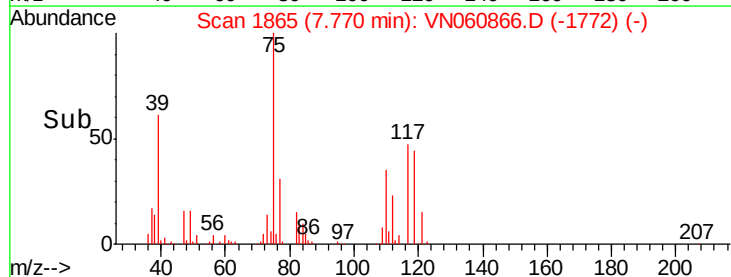
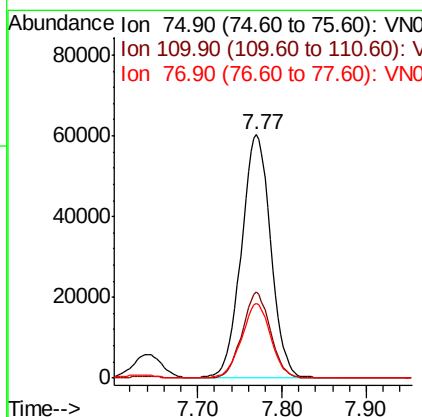
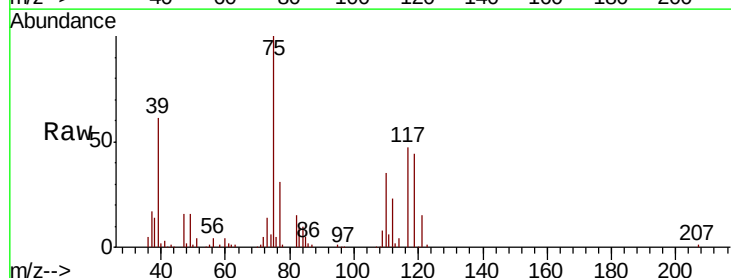
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

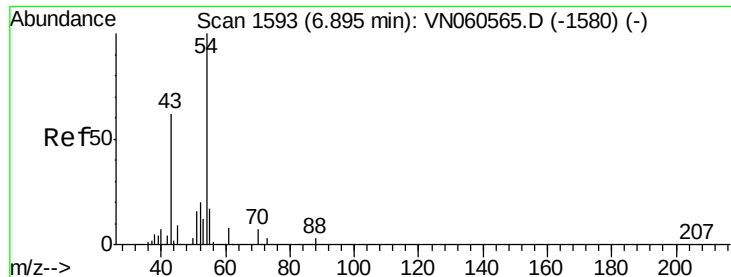
Tot Ion:113 Resp: 97821
 Ion Ratio Lower Upper
 113 100
 111 104.3 82.9 124.3
 192 20.7 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 48.539 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

Tgt Ion: 75 Resp: 146074
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.9 50.6
 77 30.5 24.6 36.8

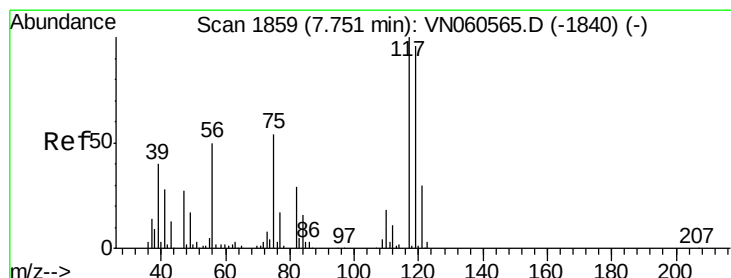
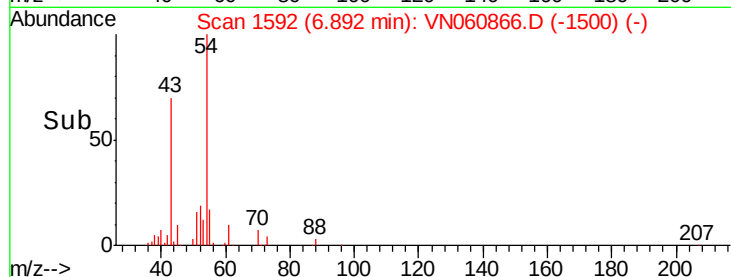
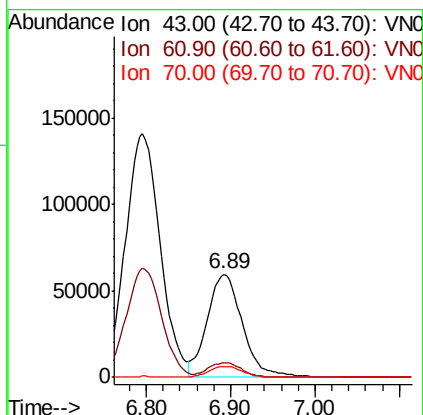
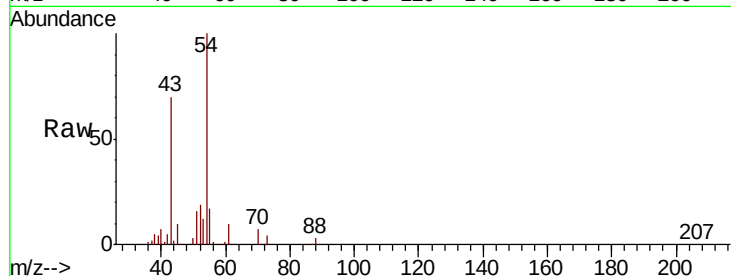




#37
Ethyl Acetate
Concen: 52.900 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

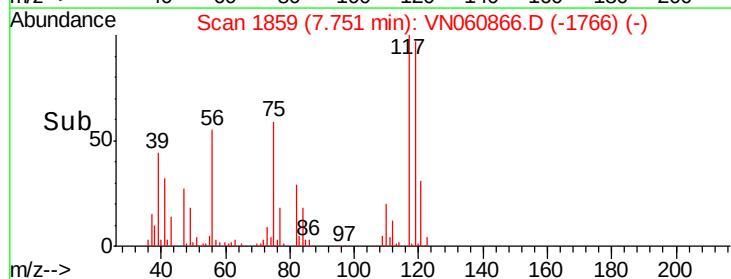
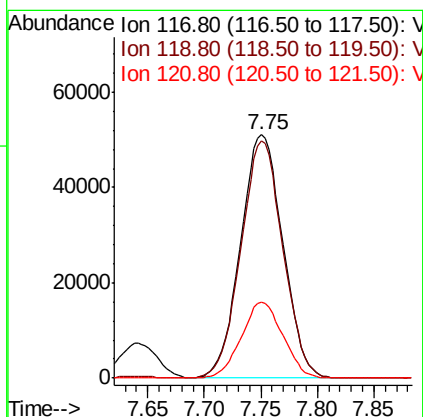
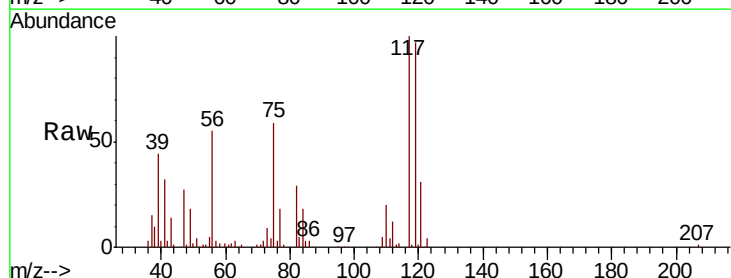
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

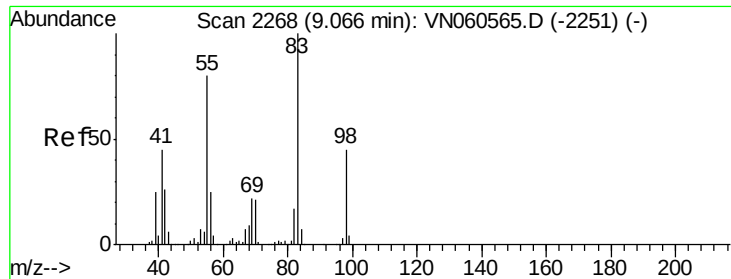
Tot Ion: 43 Resp: 172016
Ion Ratio Lower Upper
43 100
61 13.8 10.6 15.8
70 10.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 49.217 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion: 117 Resp: 132748
Ion Ratio Lower Upper
117 100
119 97.4 76.2 114.2
121 31.3 23.7 35.5

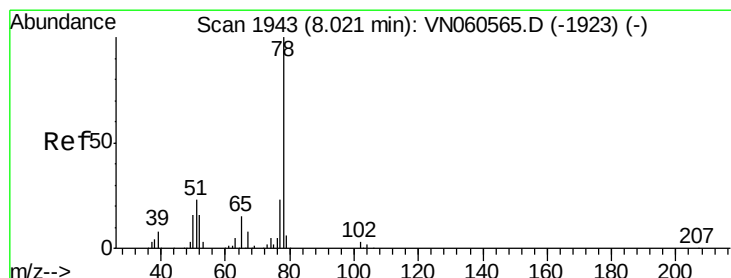
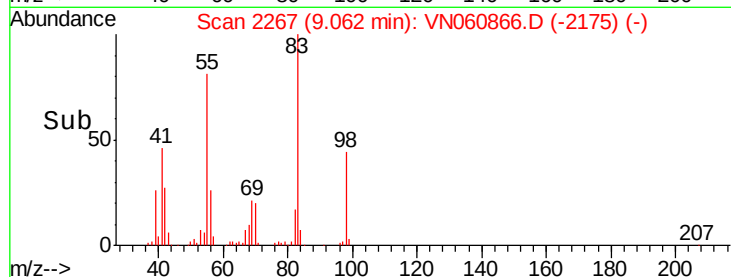
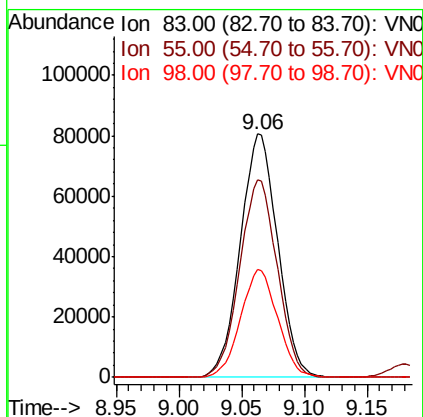
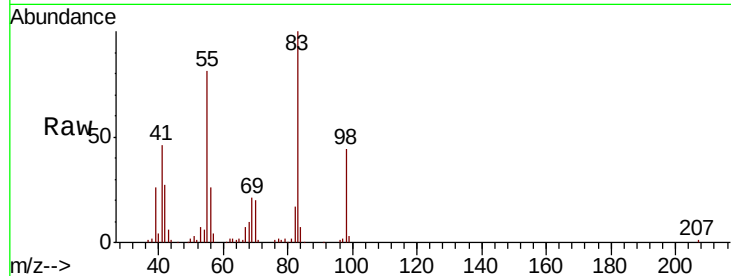




#39
Methylvlcyclohexane
Concen: 46.664 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

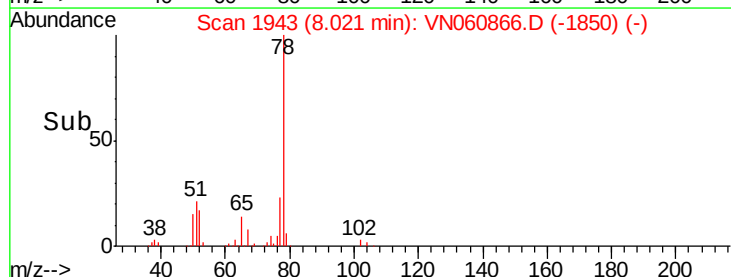
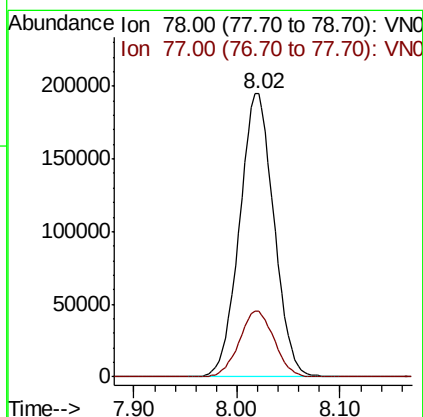
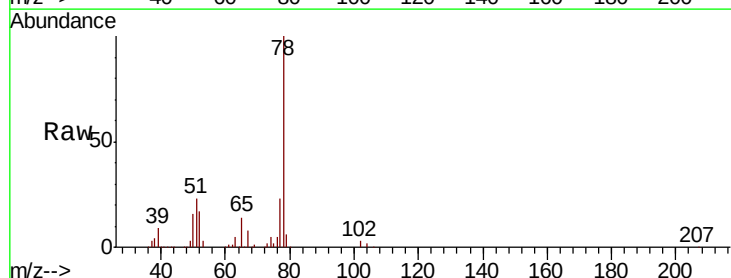
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

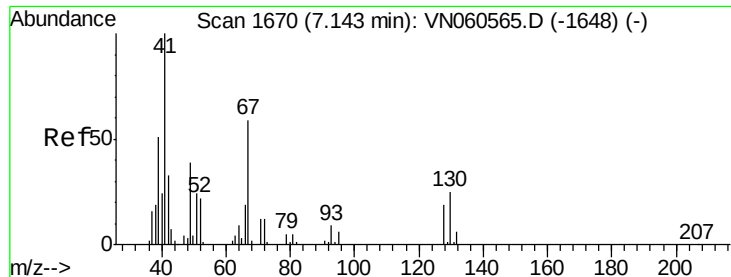
Tot Ion: 83 Resp: 166885
Ion Ratio Lower Upper
83 100
55 81.2 63.6 95.4
98 44.1 36.0 54.0



#40
Benzene
Concen: 49.787 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion: 78 Resp: 452299
Ion Ratio Lower Upper
78 100
77 23.0 18.6 28.0

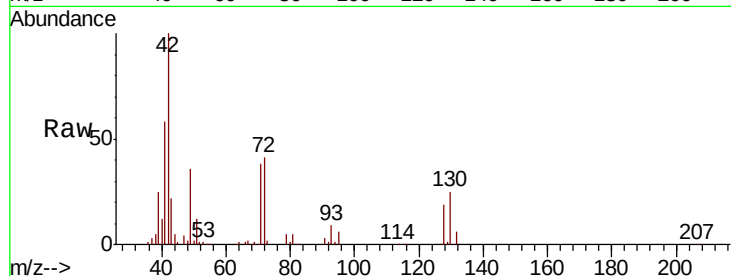




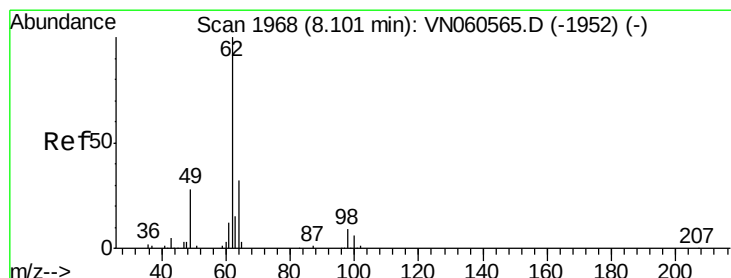
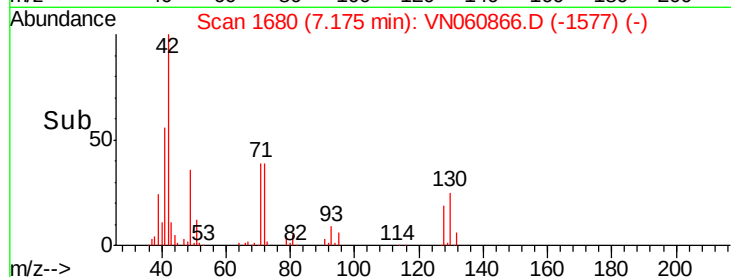
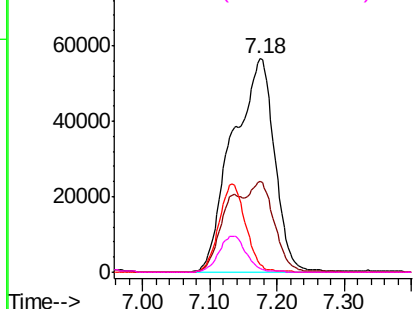
#41
Methacrylonitrile
Concen: 177.124 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.03 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	245802
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

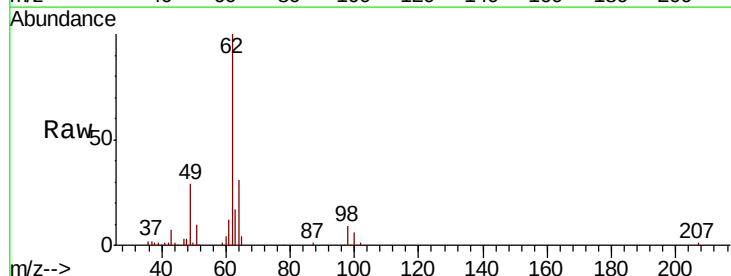


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

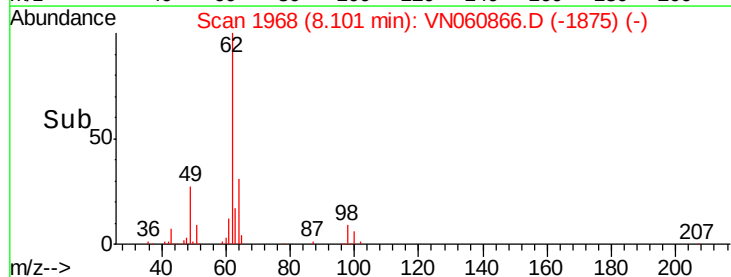
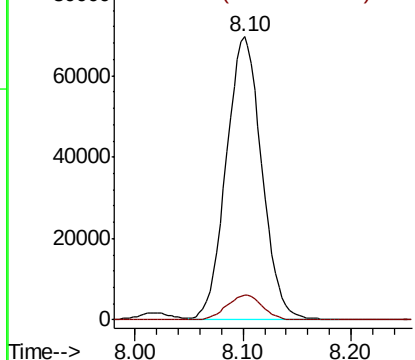


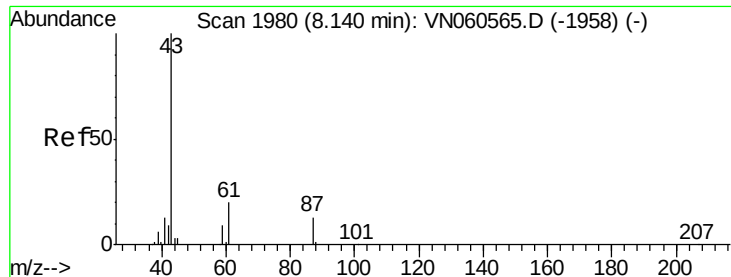
#42
1,2-Dichloroethane
Concen: 51.588 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion:	62	Resp:	160165
Ion	Ratio	Lower	Upper
62	100		
98	8.7	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: 53.303 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

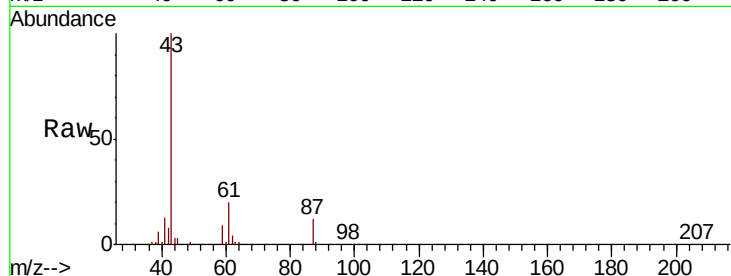
Tot Ion: 43 Resp: 285847

Ion Ratio Lower Upper

43 100

61 25.6 20.7 31.1

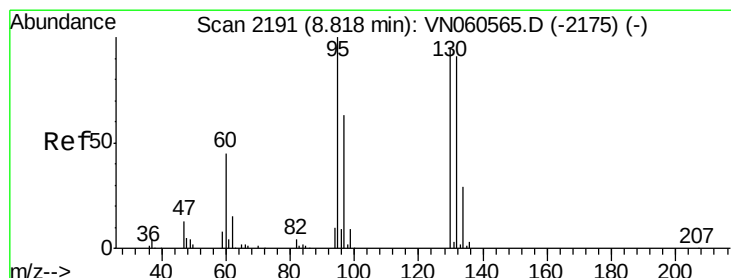
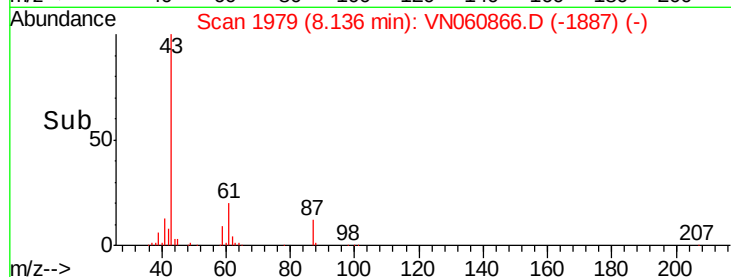
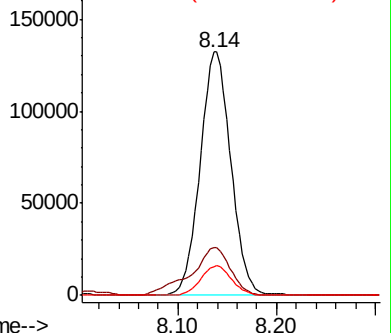
87 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060565.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060565.D (-1958) (-)



#44

Trichloroethene

Concen: 49.311 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. -0.00 min

Lab File: VN060866.D

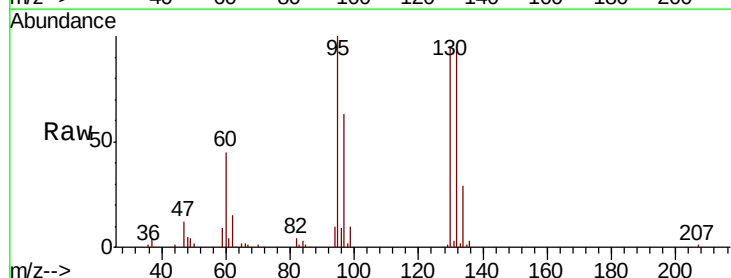
Acq: 6 Apr 2020 20:51

Tgt Ion:130 Resp: 112930

Ion Ratio Lower Upper

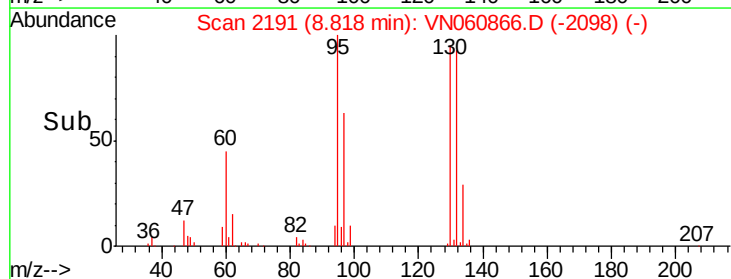
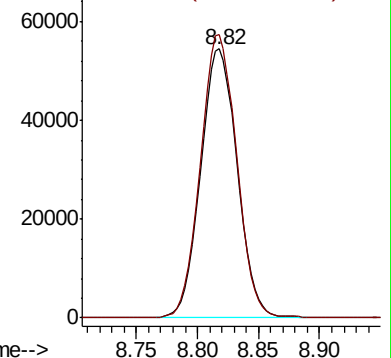
130 100

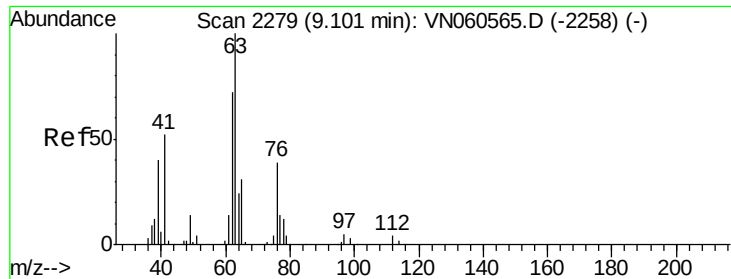
95 105.2 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN060565.D (-2175) (-)

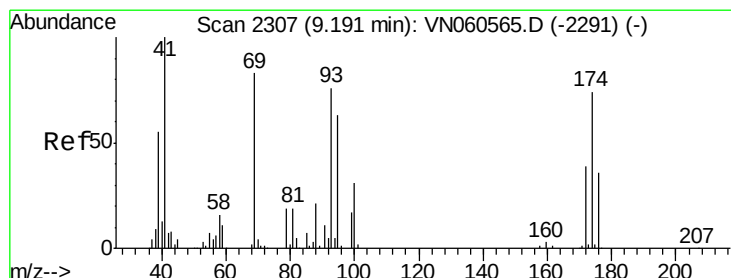
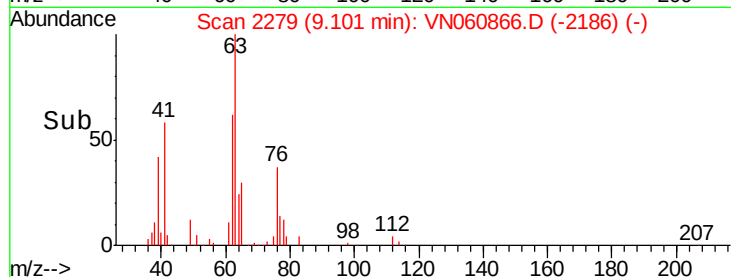
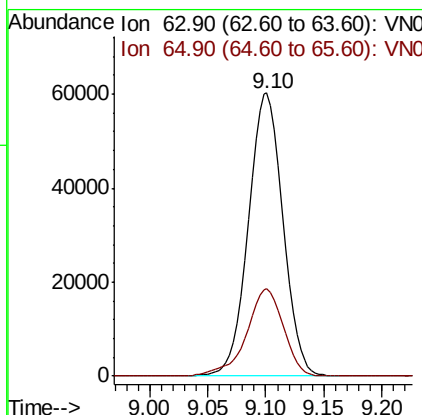
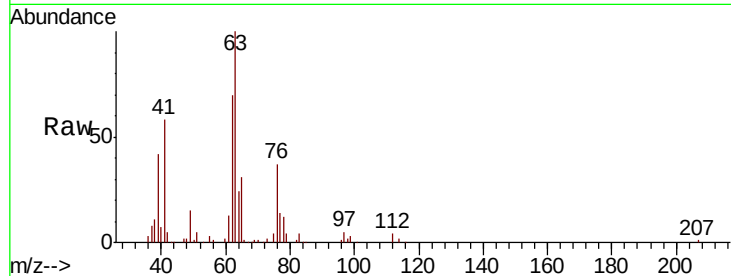




#45
 1,2-Dichloropropane
 Concen: 52.243 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

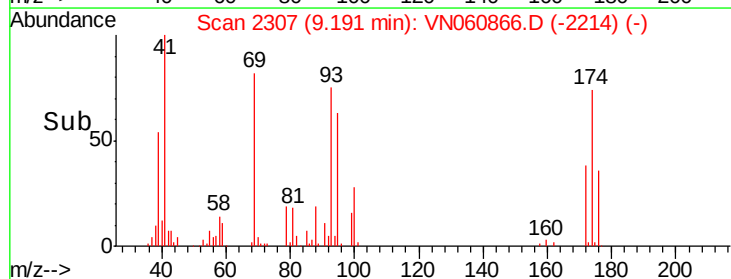
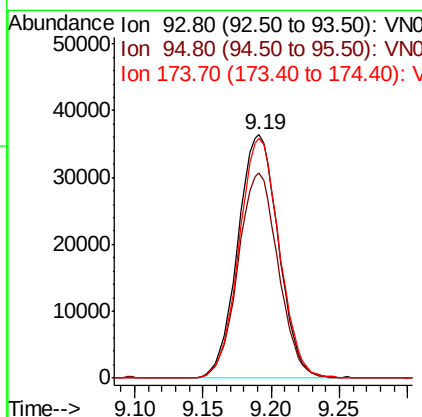
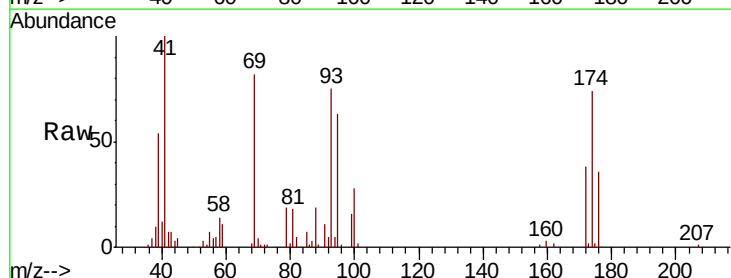
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

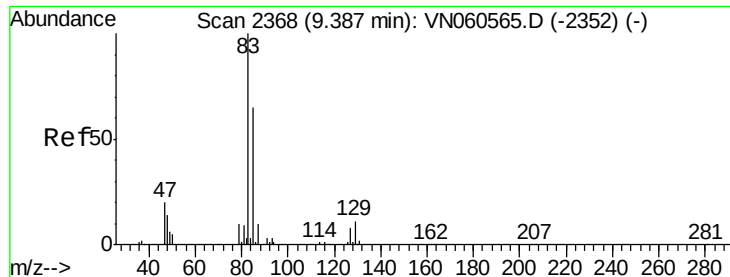
Tot Ion: 63 Resp: 125234
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.4 38.0



#46
 Dibromomethane
 Concen: 52.043 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

Tgt Ion: 93 Resp: 75421
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 97.3 77.9 116.9





#47

Bromodichloromethane

Concen: 52.713 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

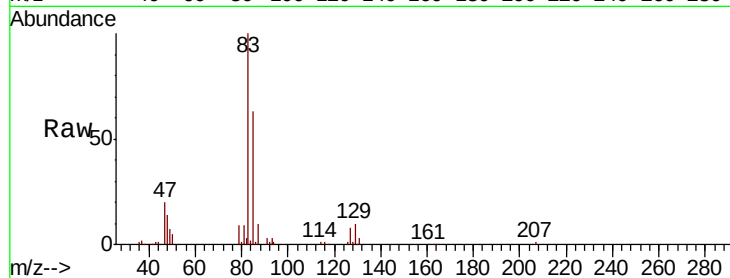
Tot Ion: 83 Resp: 158744

Ion Ratio Lower Upper

83 100

85 63.4 51.8 77.6

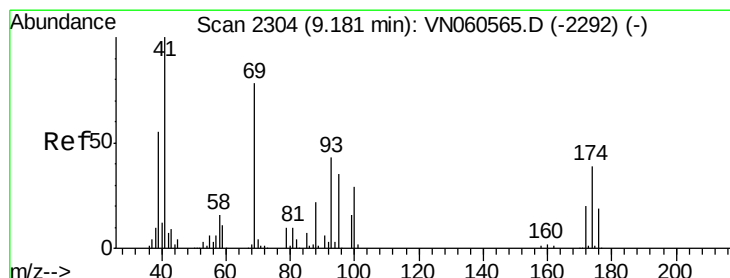
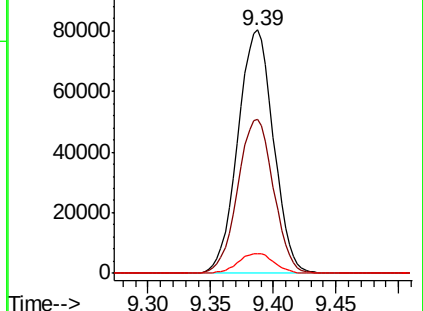
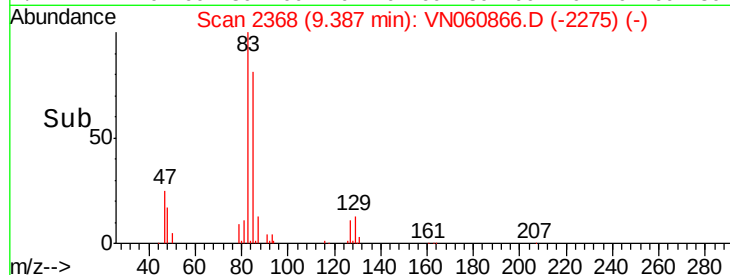
127 8.3 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060866.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060866.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060866.D (-2275) (-)



#48

Methyl methacrylate

Concen: 53.336 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

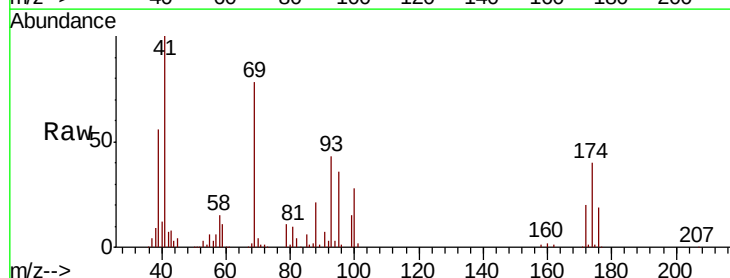
Tgt Ion: 41 Resp: 127346

Ion Ratio Lower Upper

41 100

69 81.8 65.4 98.0

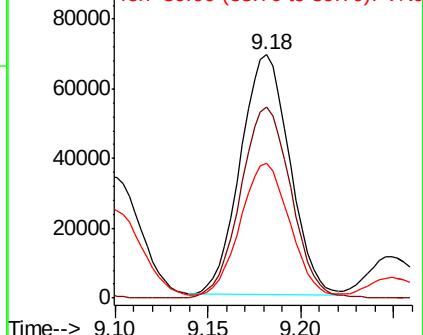
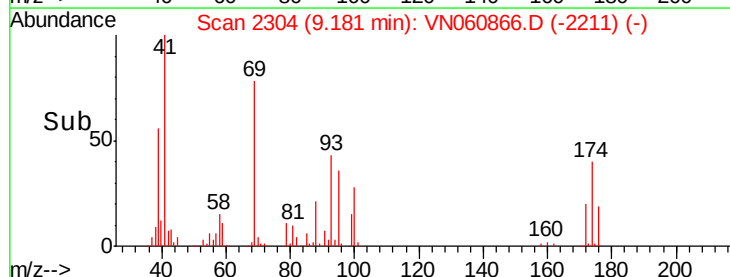
39 56.9 44.0 66.0

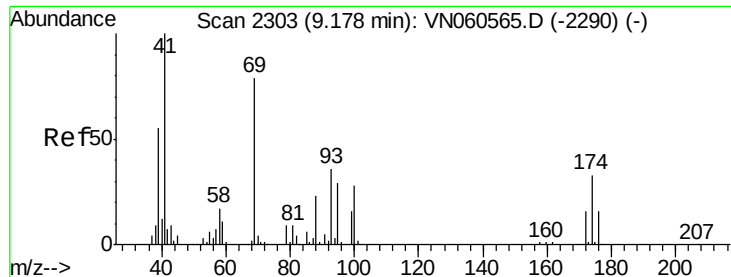


Abundance Ion 41.00 (40.70 to 41.70): VN060866.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060866.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060866.D (-2211) (-)

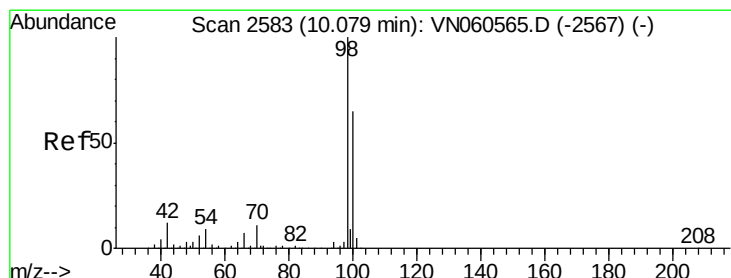
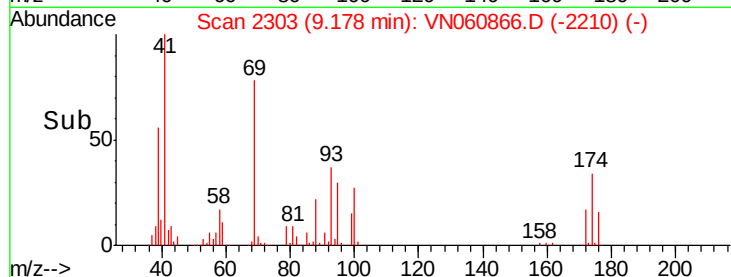
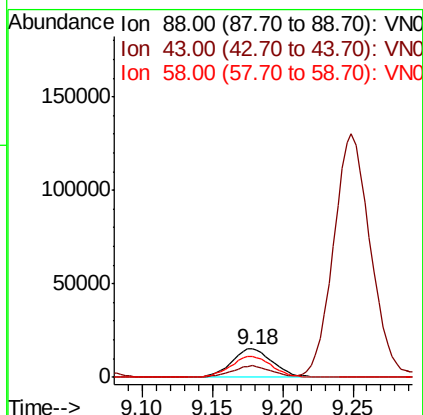
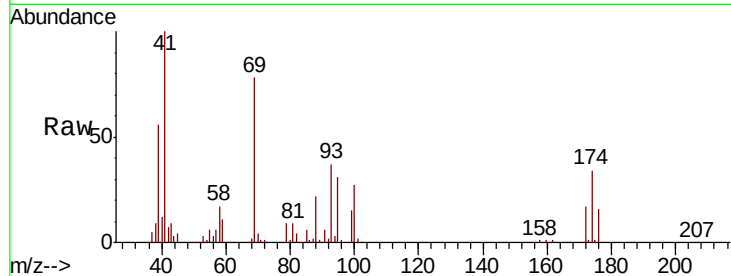




#49
1,4-Dioxane
Concen: 1092.677 ug/l
RT: 9.18 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

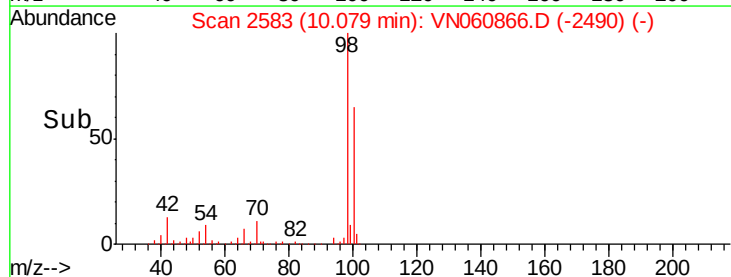
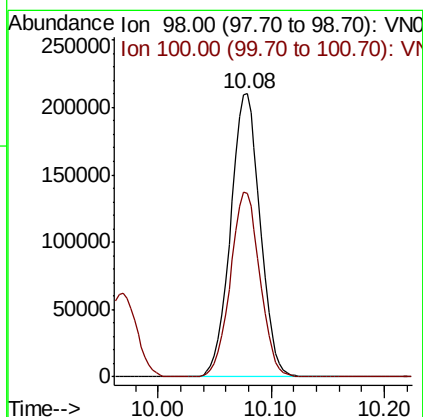
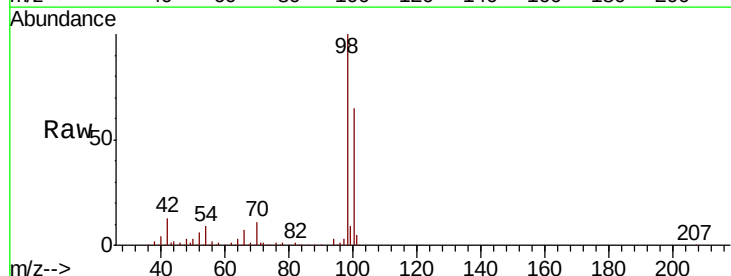
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

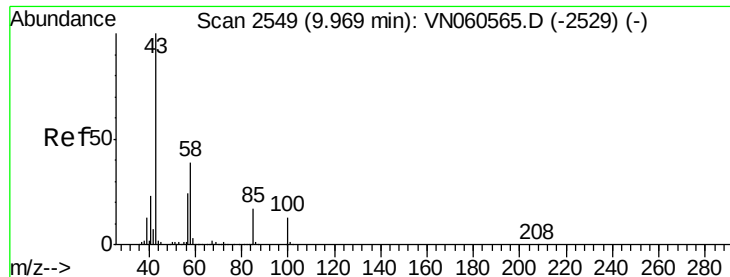
Tot Ion: 88 Resp: 31010
Ion Ratio Lower Upper
88 100
43 38.7 30.8 46.2
58 74.7 59.8 89.8



#50
Toluene-d8
Concen: 49.809 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion: 98 Resp: 382331
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.8

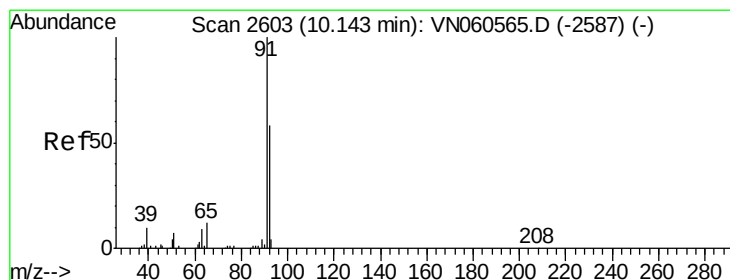
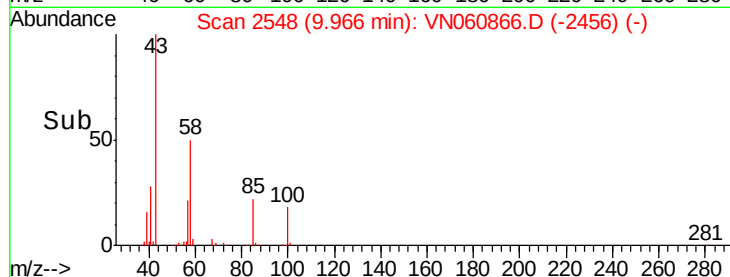
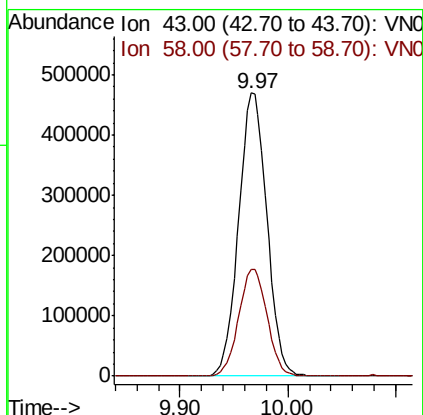
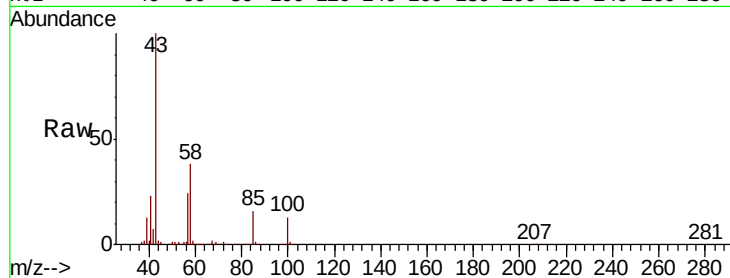




#51
 4-Methyl-2-Pentanone
 Concen: 280.226 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

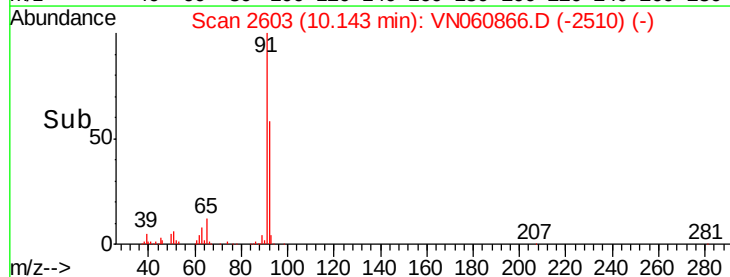
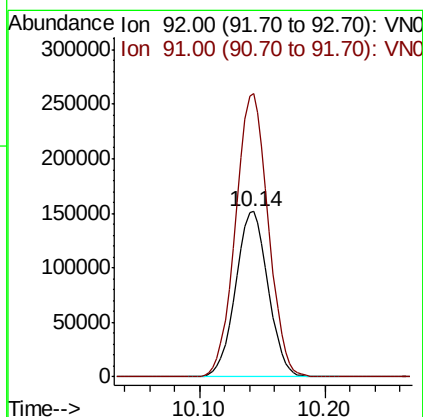
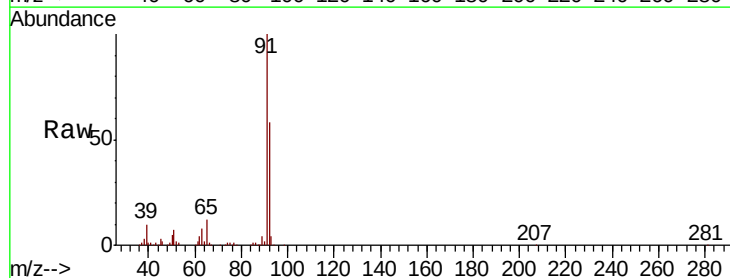
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

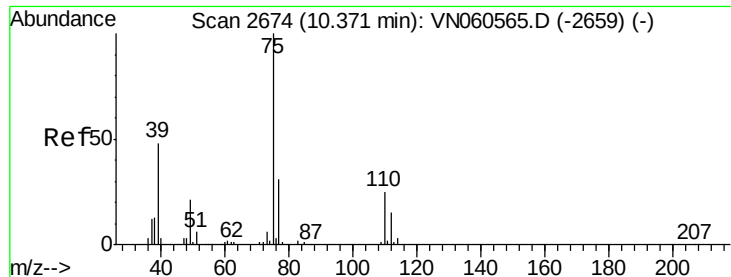
Tot Ion: 43 Resp: 855144
 Ion Ratio Lower Upper
 43 100
 58 38.1 30.8 46.2



#52
 Toluene
 Concen: 49.725 ug/l
 RT: 10.14 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

Tgt Ion: 92 Resp: 272814
 Ion Ratio Lower Upper
 92 100
 91 172.5 137.6 206.4

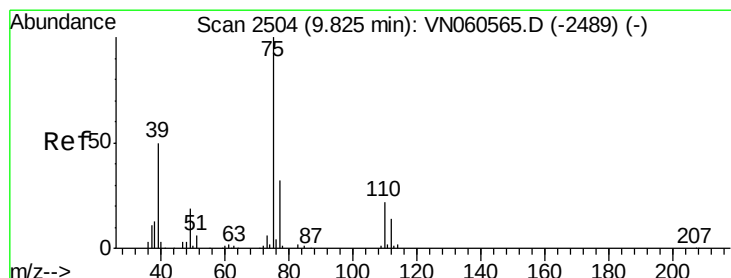
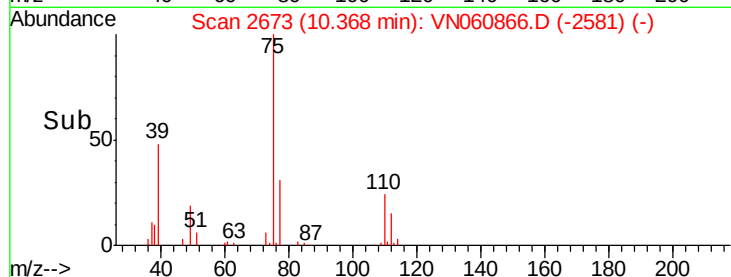
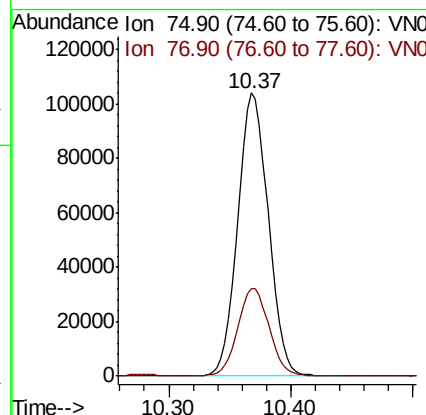
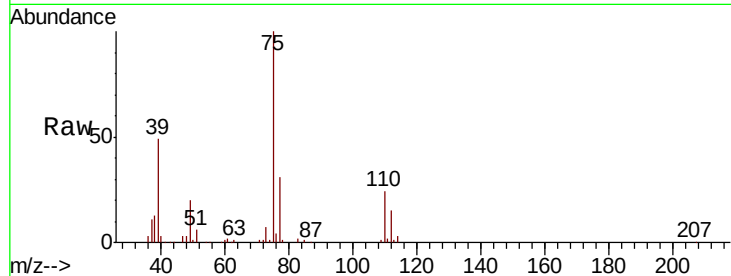




#53
t-1,3-Dichloropropene
Concen: 52.231 ug/l
RT: 10.37 min Scan# 2673
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

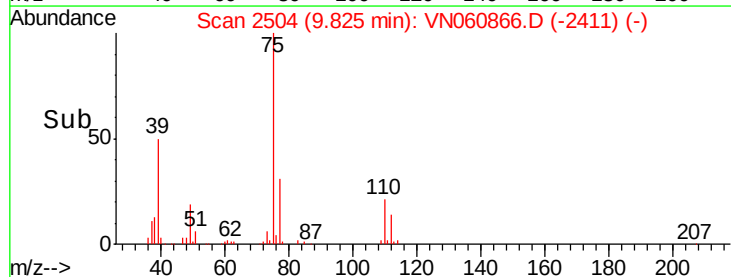
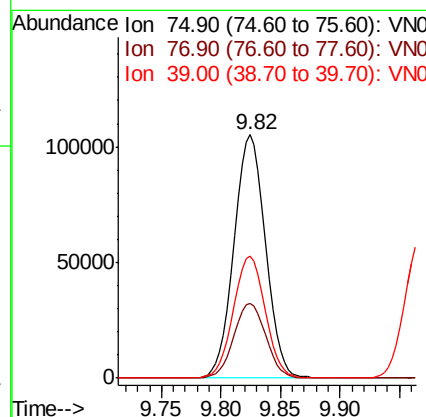
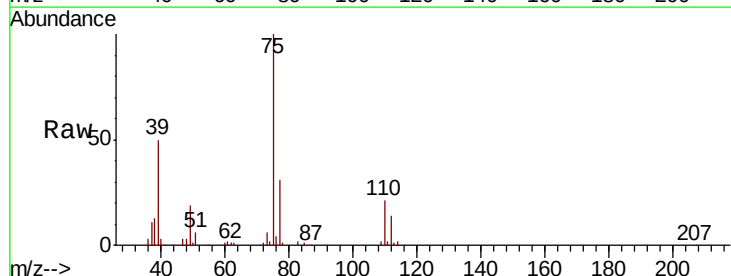
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

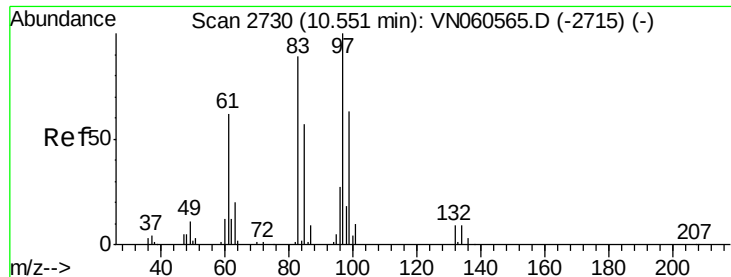
Tot Ion: 75 Resp: 180680
Ion Ratio Lower Upper
75 100
77 30.9 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 50.932 ug/l
RT: 9.82 min Scan# 2504
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion: 75 Resp: 193285
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.0
39 49.9 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 52.297 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 110386

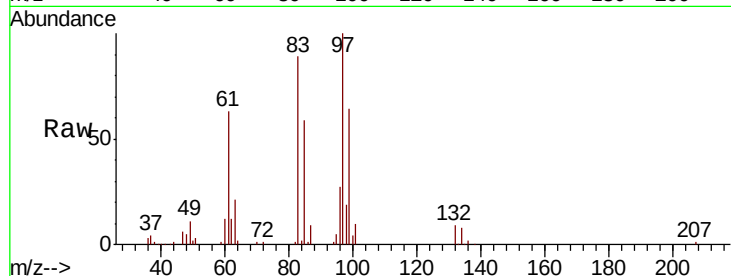
Ion Ratio Lower Upper

97 100

83 89.1 71.3 106.9

85 58.7 45.2 67.8

99 64.1 50.1 75.1

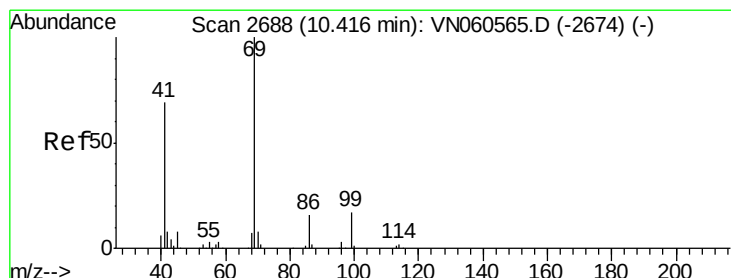
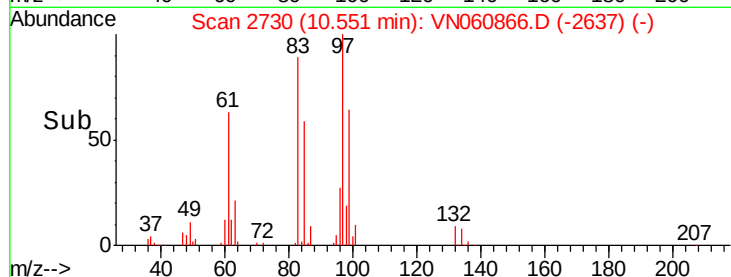
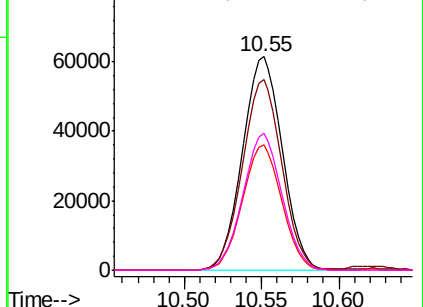


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 54.518 ug/l

RT: 10.42 min Scan# 2688

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

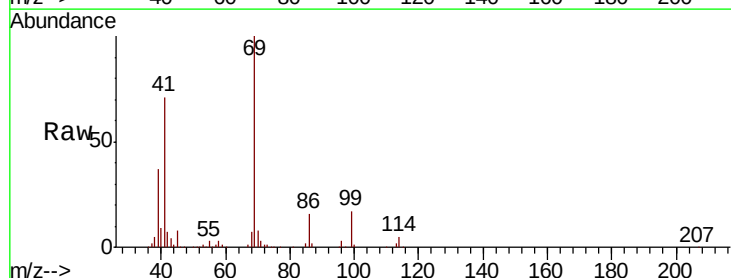
Tgt Ion: 69 Resp: 179425

Ion Ratio Lower Upper

69 100

41 70.2 55.4 83.2

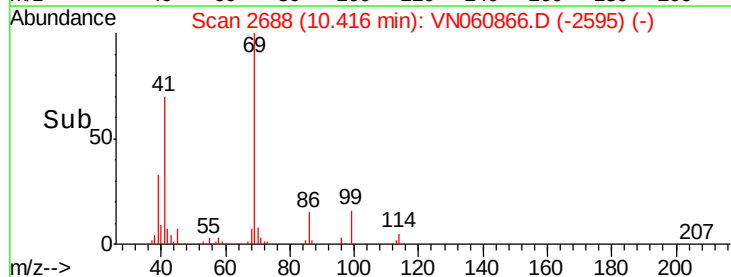
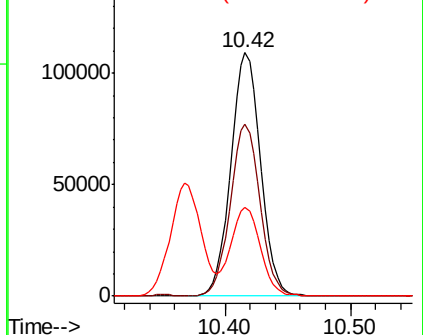
39 36.5 29.4 44.0

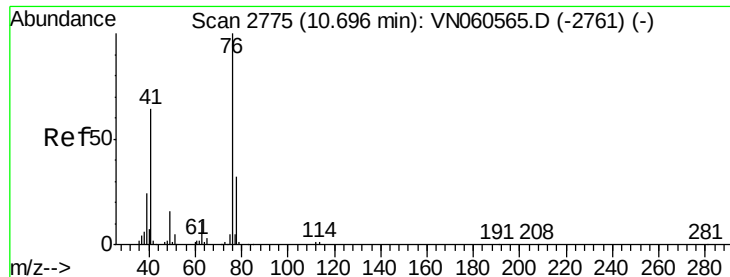


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 52.543 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

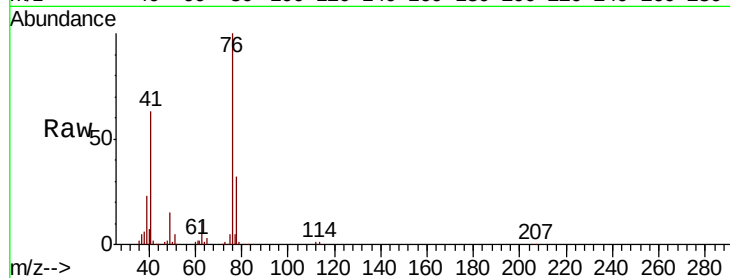
VSTDCCC050EC

Tot Ion: 76 Resp: 192455

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN060866.D (-2682) (-)

Ion 77.90 (77.60 to 78.60): VN060866.D (-2682) (-)

10.70

120000

100000

80000

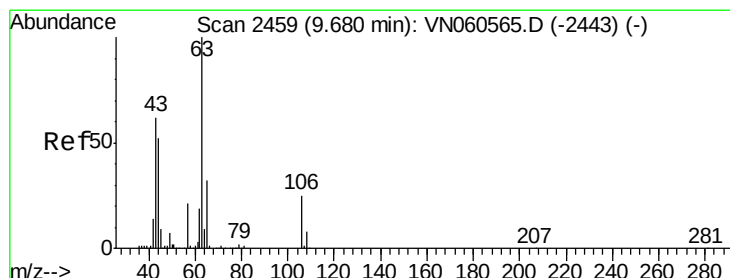
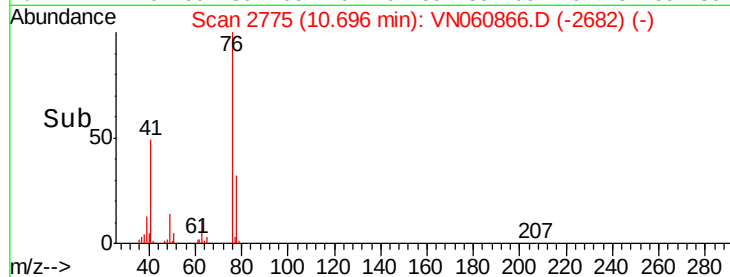
60000

40000

20000

0

Time--> 10.60 10.65 10.70 10.75



#58

2-Chloroethyl Vinyl ether

Concen: 254.305 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060866.D

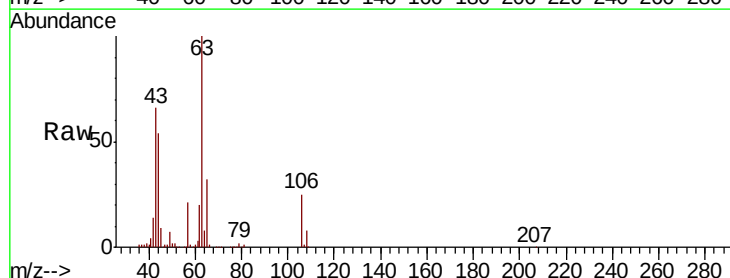
Acq: 6 Apr 2020 20:51

Tgt Ion: 63 Resp: 415974

Ion Ratio Lower Upper

63 100

106 24.8 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN060866.D (-2366) (-)

Ion 105.90 (105.60 to 106.60): VN060866.D (-2366) (-)

9.68

250000

200000

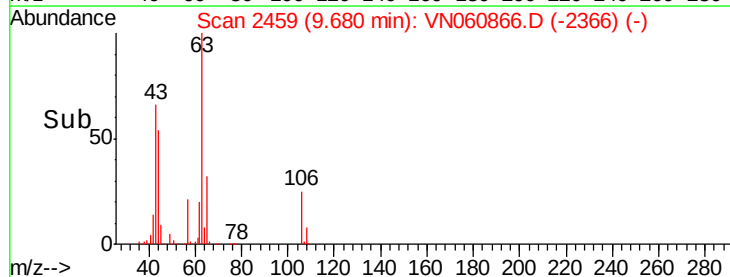
150000

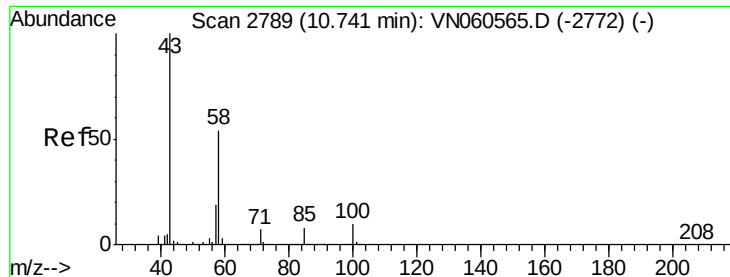
100000

50000

0

Time--> 9.60 9.70 9.80

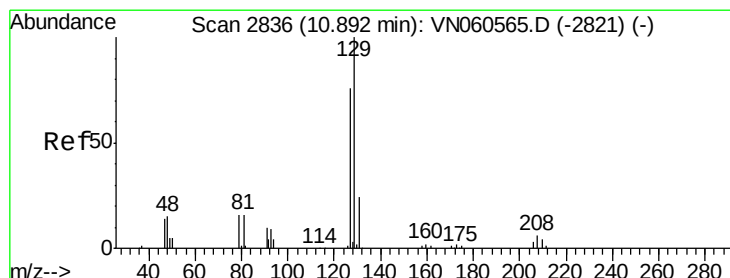
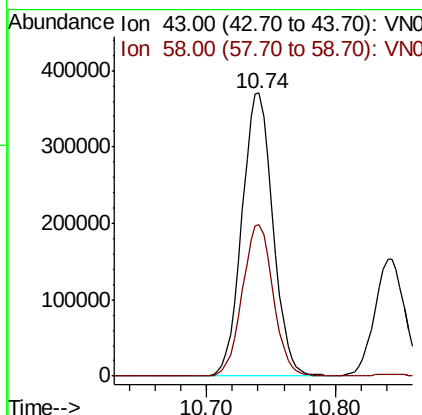
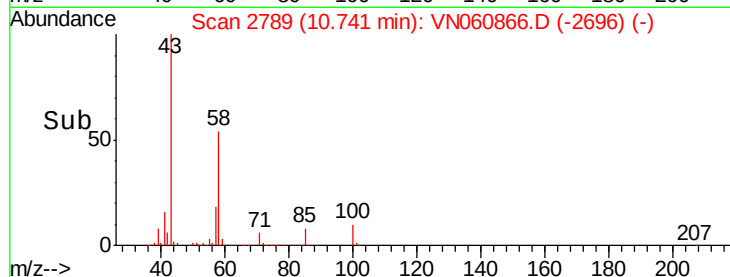
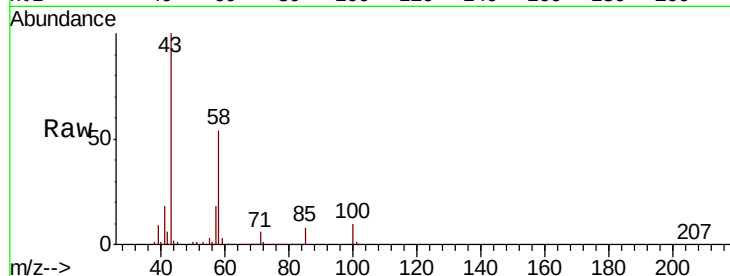




#59
2-Hexanone
Concen: 281.741 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

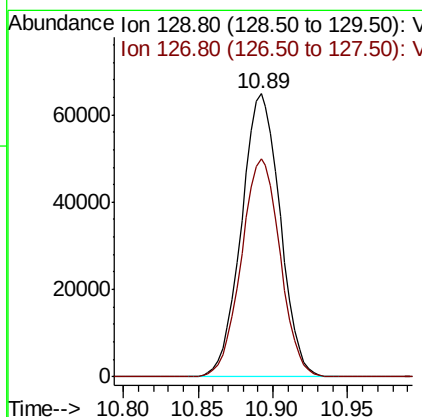
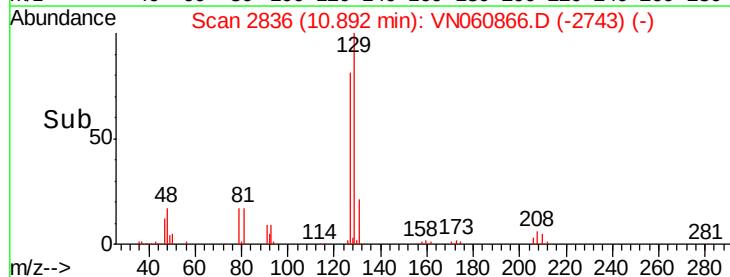
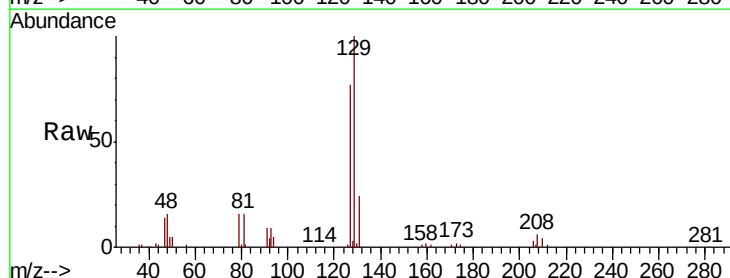
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

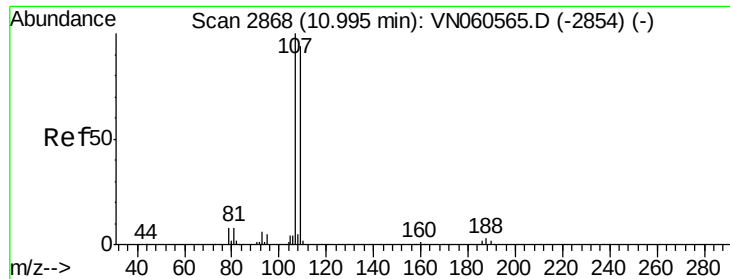
Tot Ion: 43 Resp: 619335
Ion Ratio Lower Upper
43 100
58 53.4 26.7 80.1



#60
Dibromochloromethane
Concen: 53.433 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion: 129 Resp: 116499
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

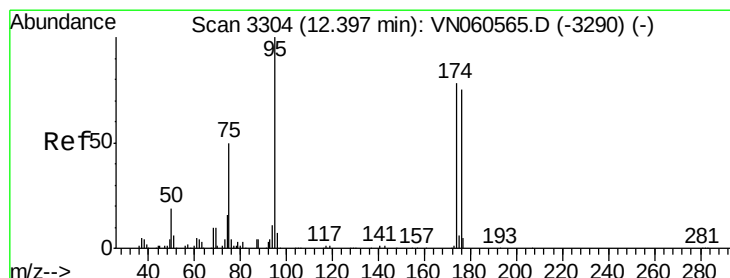
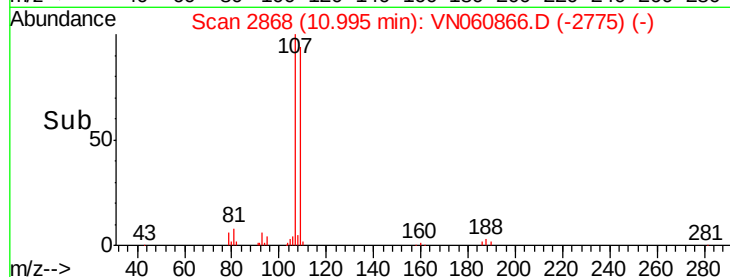
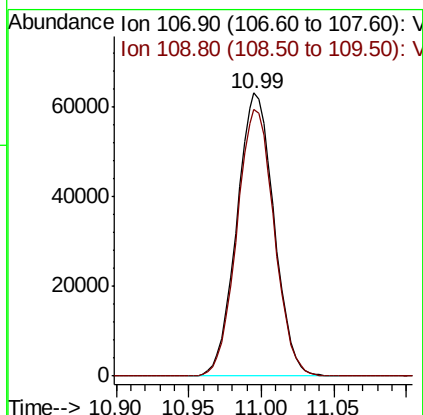
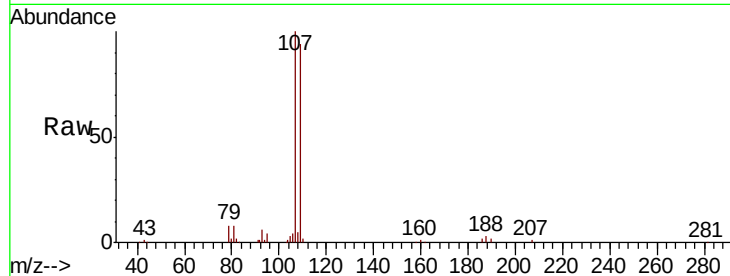




#61
 1,2-Dibromoethane
 Concen: 53.051 ug/l
 RT: 10.99 min Scan# 2868
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

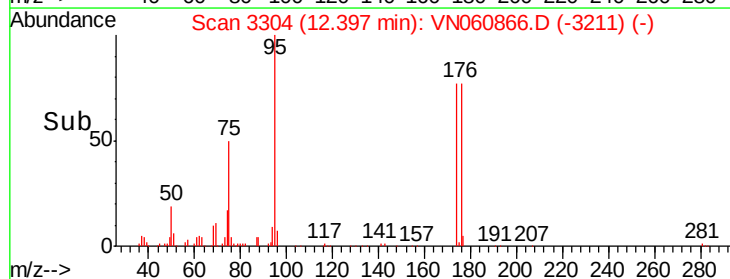
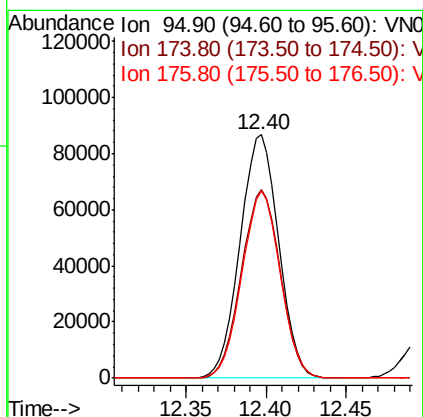
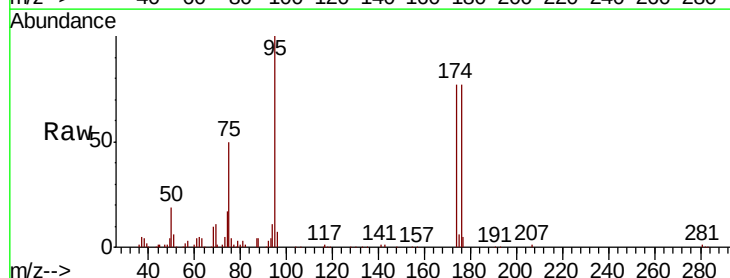
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

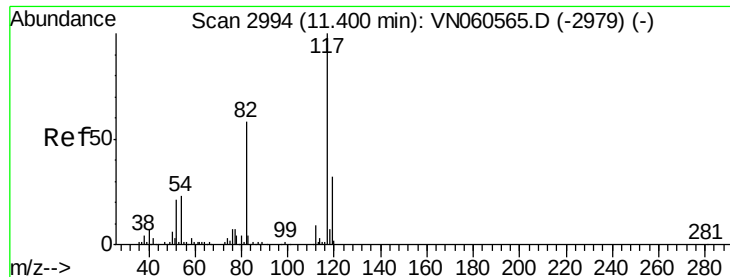
Tot Ion:107 Resp: 112598
 Ion Ratio Lower Upper
 107 100
 109 94.4 75.4 113.2



#62
 4-Bromofluorobenzene
 Concen: 50.870 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

Tgt Ion: 95 Resp: 143103
 Ion Ratio Lower Upper
 95 100
 174 78.2 0.0 157.6
 176 76.2 0.0 150.6

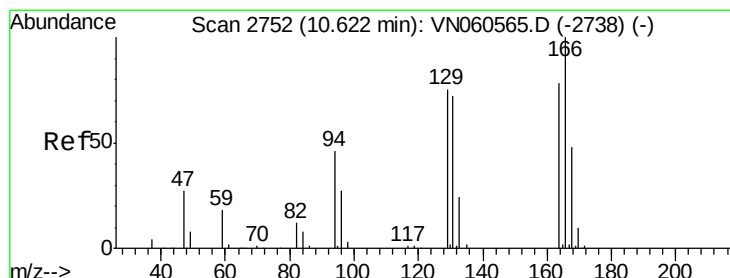
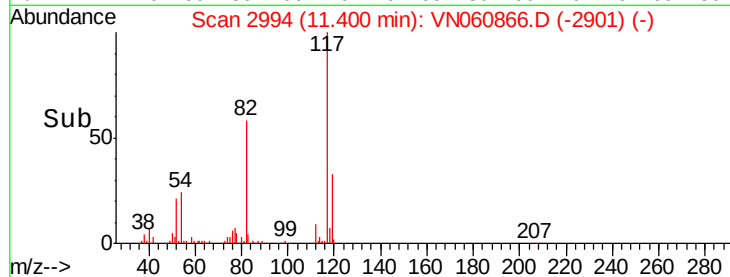
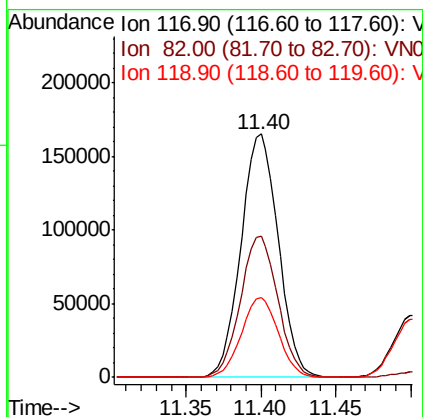
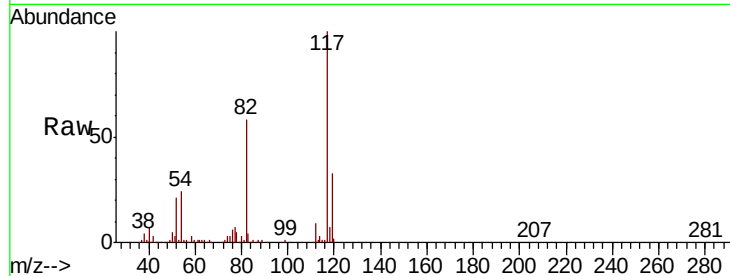




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

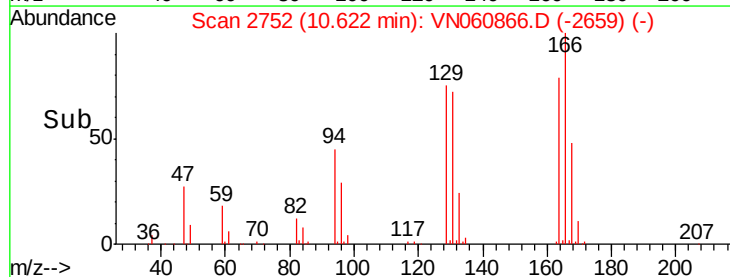
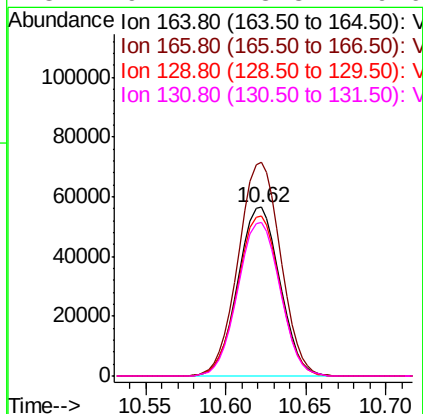
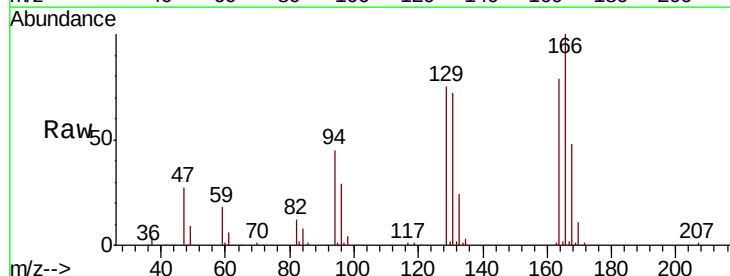
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

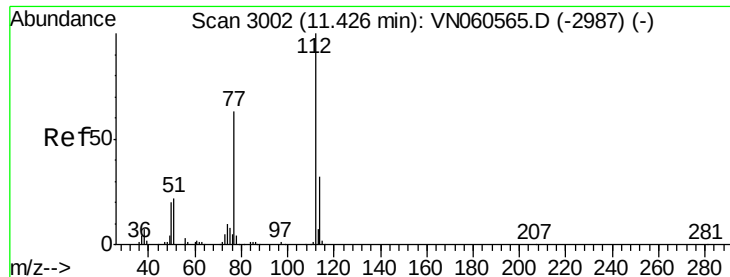
Tot Ion:117 Resp: 287221
Ion Ratio Lower Upper
117 100
82 57.8 46.7 70.1
119 33.0 25.5 38.3



#64
Tetrachloroethene
Concen: 44.834 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion:164 Resp: 101333
Ion Ratio Lower Upper
164 100
166 126.5 102.7 154.1
129 94.6 77.2 115.8
131 91.1 73.8 110.6

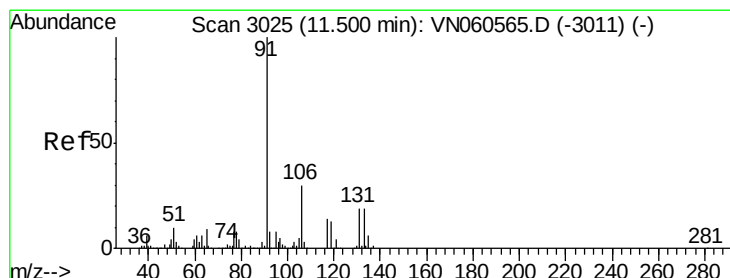
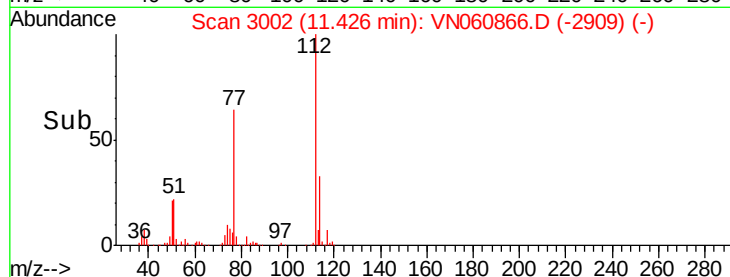
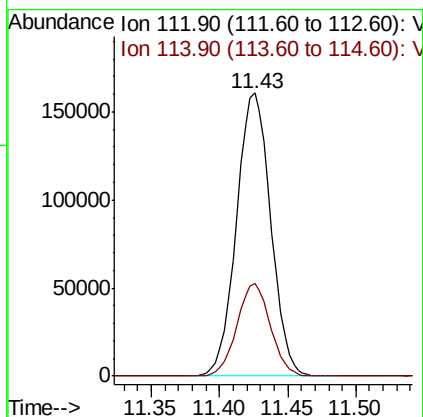
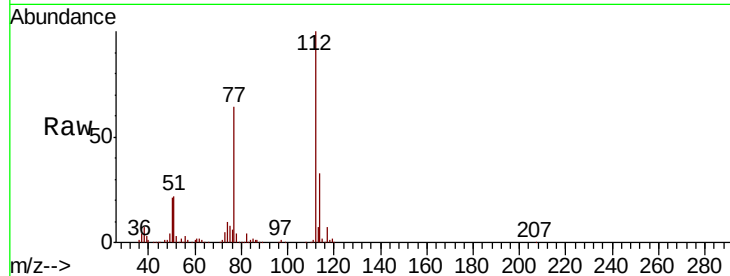




#65
Chlorobenzene
Concen: 49.178 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

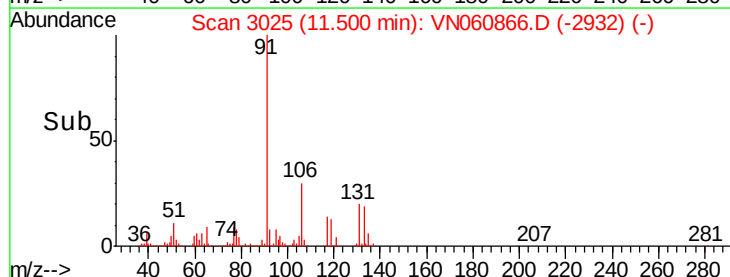
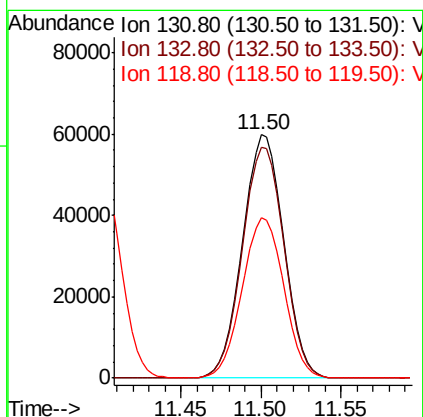
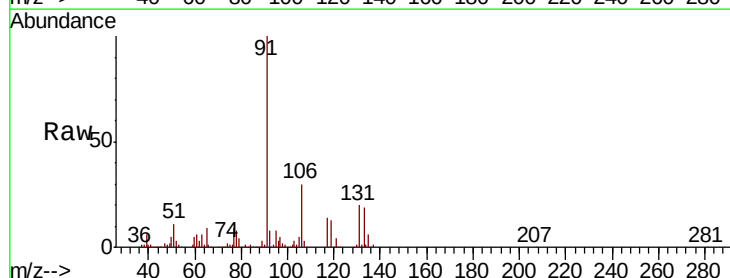
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

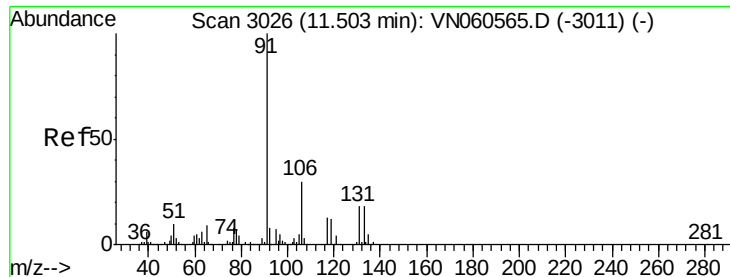
Tot Ion:112 Resp: 280012
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.146 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion:131 Resp: 105440
Ion Ratio Lower Upper
131 100
133 96.0 48.9 146.8
119 66.4 33.9 101.7

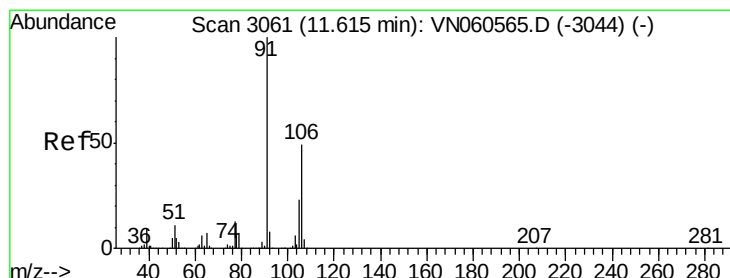
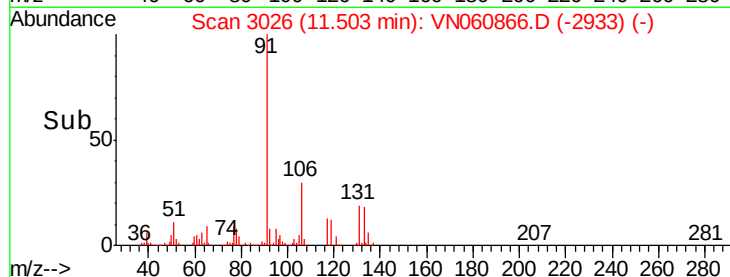
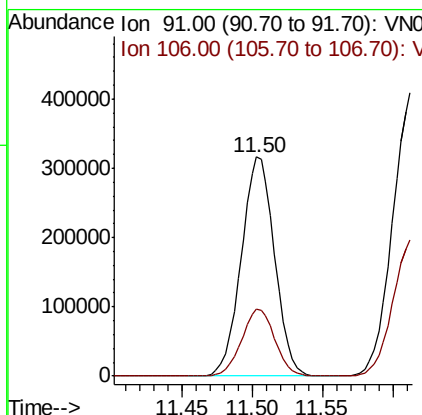
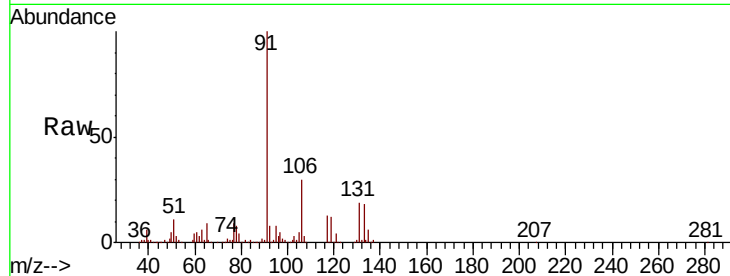




#67
Ethyl Benzene
Concen: 49.365 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

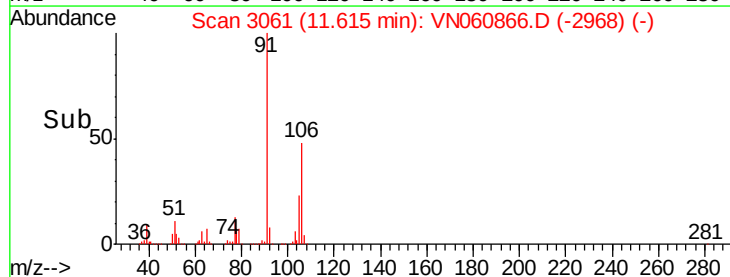
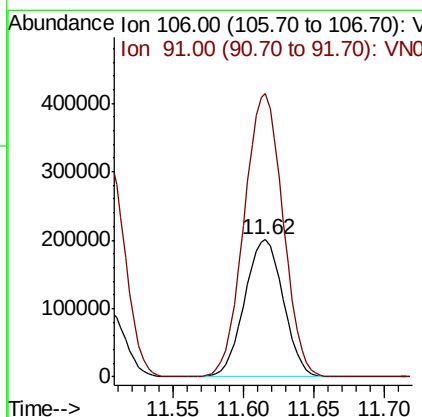
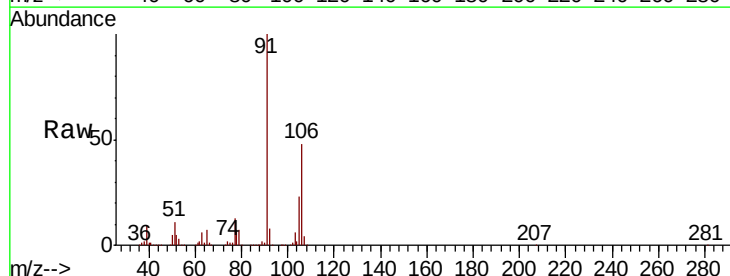
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

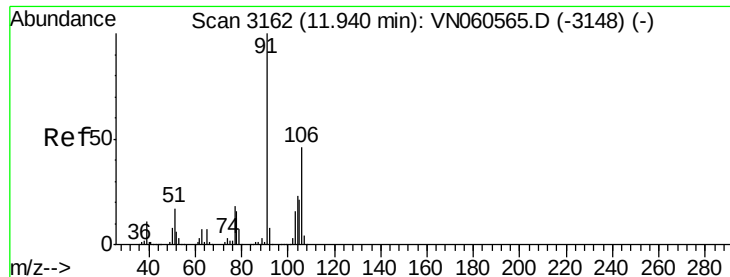
Tot Ion: 91 Resp: 522713
Ion Ratio Lower Upper
91 100
106 30.3 24.2 36.2



#68
m/p-Xylenes
Concen: 97.835 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion: 106 Resp: 384961
Ion Ratio Lower Upper
106 100
91 207.7 165.0 247.4

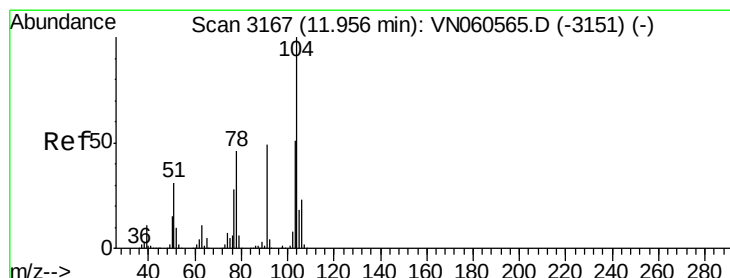
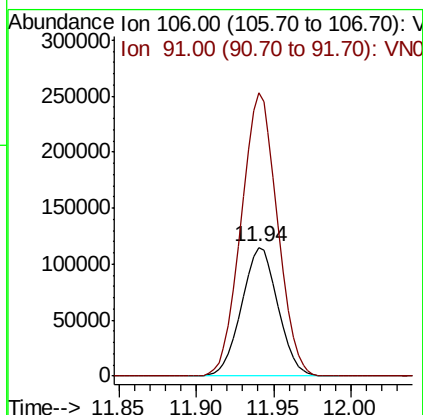
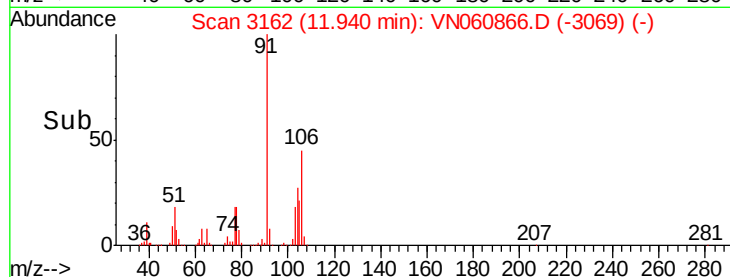
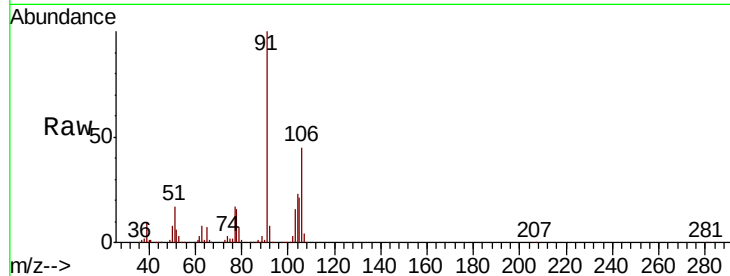




#69
o-Xylene
Concen: 49.920 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

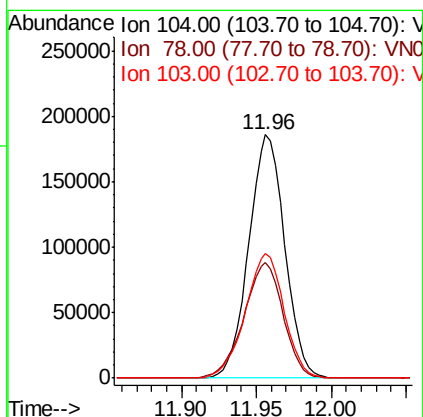
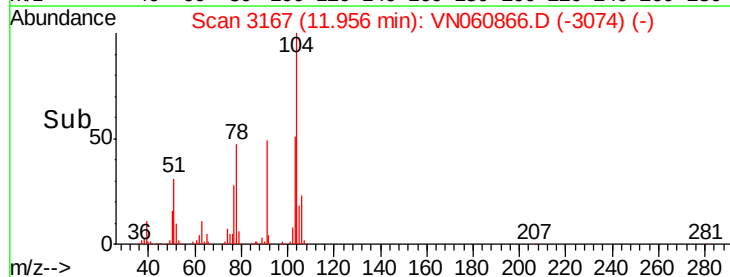
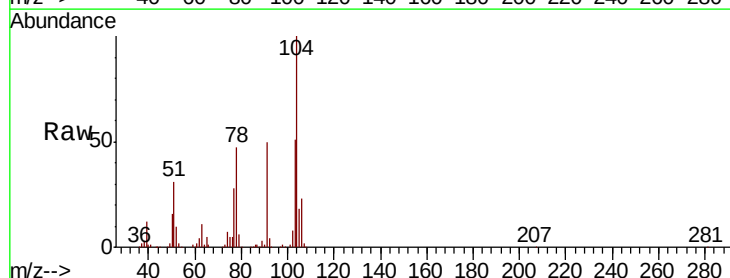
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

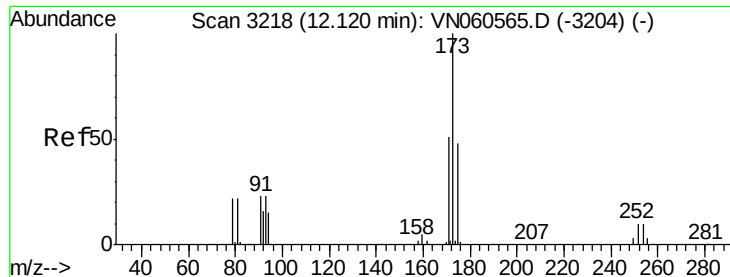
Tot Ion:106 Resp: 187512
Ion Ratio Lower Upper
106 100
91 219.9 109.5 328.4



#70
Styrene
Concen: 50.715 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion:104 Resp: 311557
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 55.1 44.0 66.0





#71

Bromoform

Concen: 49.368 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

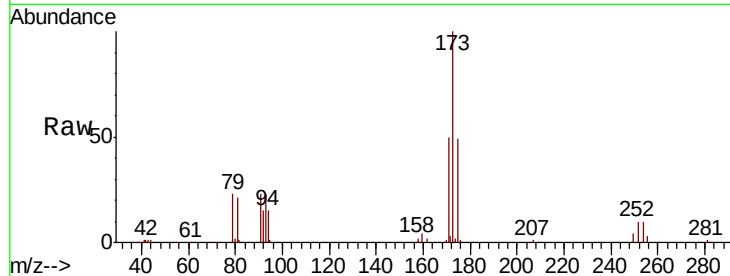
Tot Ion:173 Resp: 84550

Ion Ratio Lower Upper

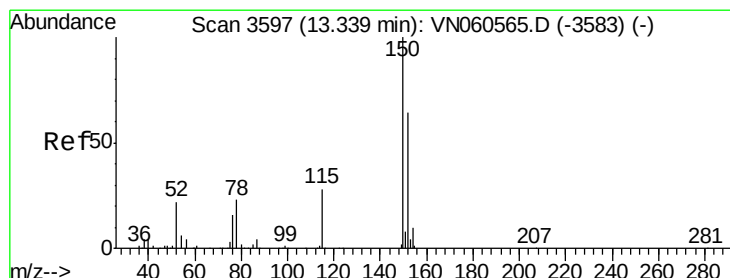
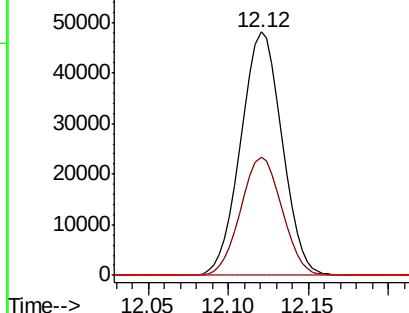
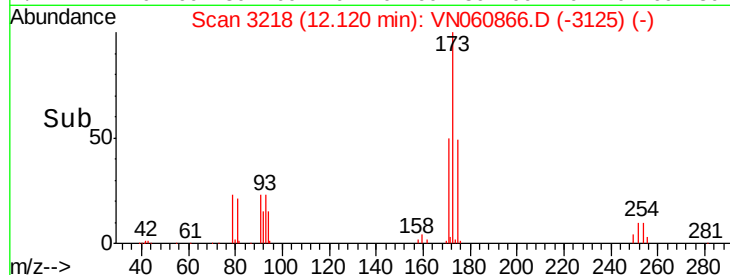
173 100

175 48.6 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: VN060866.D

Acq: 6 Apr 2020 20:51

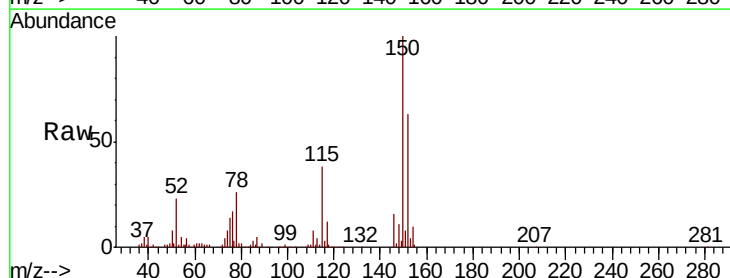
Tgt Ion:152 Resp: 139611

Ion Ratio Lower Upper

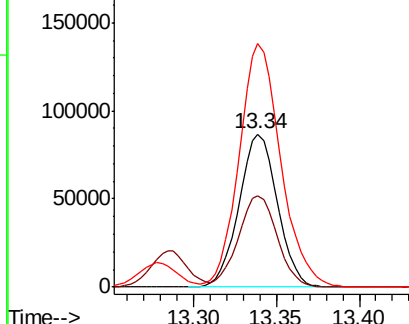
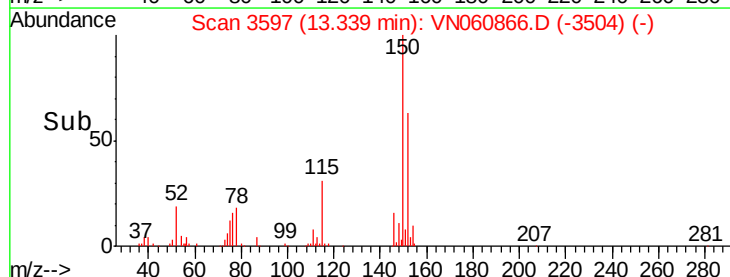
152 100

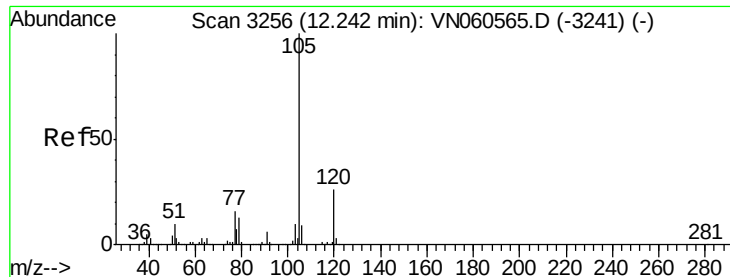
115 60.3 30.2 90.6

150 172.6 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: 47.399 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

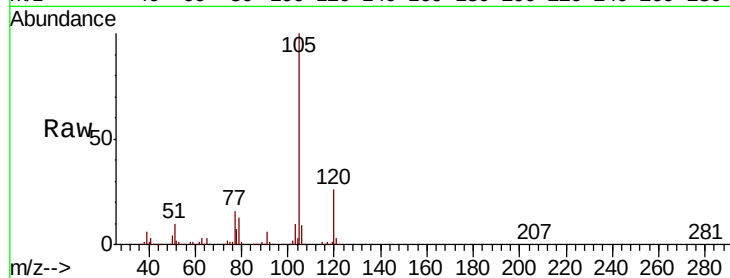
VSTDCCC050EC

Tot Ion:105 Resp: 496614

Ion Ratio Lower Upper

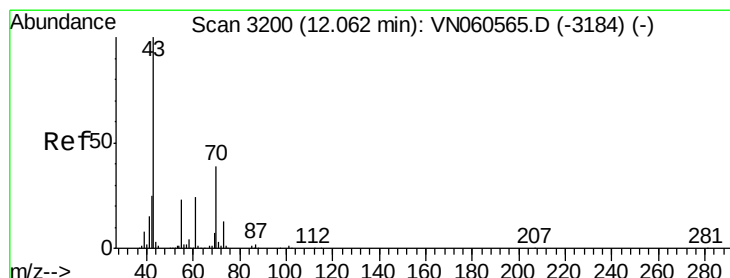
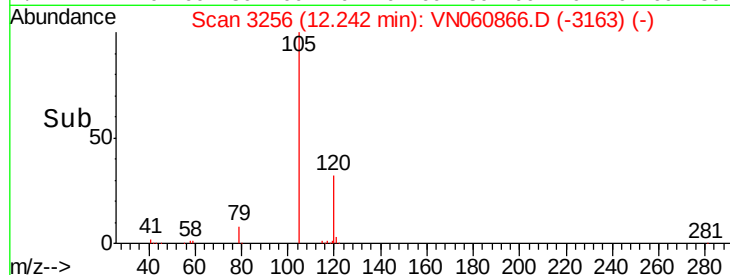
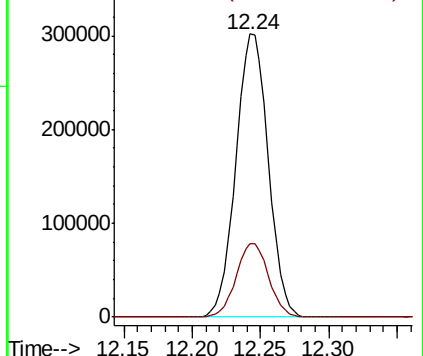
105 100

120 26.0 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: 51.545 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Tgt Ion: 43 Resp: 249550

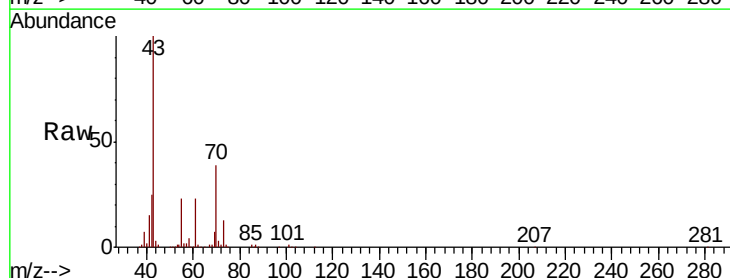
Ion Ratio Lower Upper

43 100

70 39.1 31.1 46.7

55 23.2 18.6 27.8

61 23.4 18.9 28.3

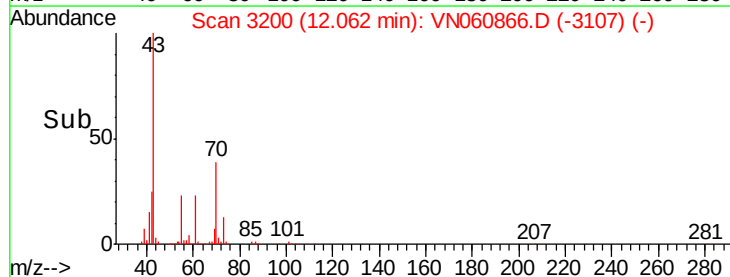
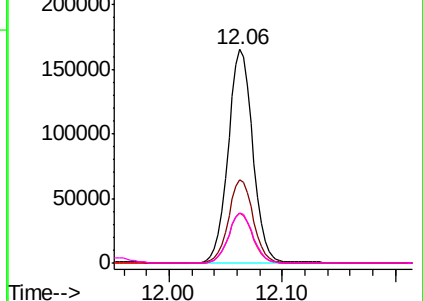


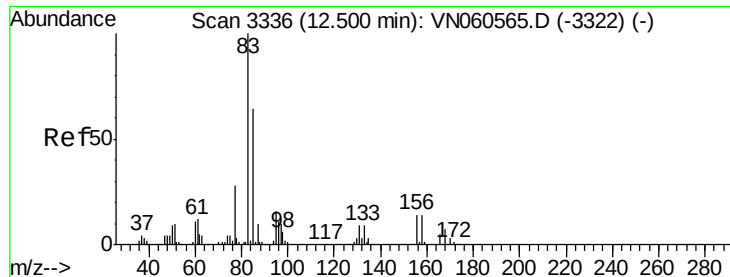
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.963 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

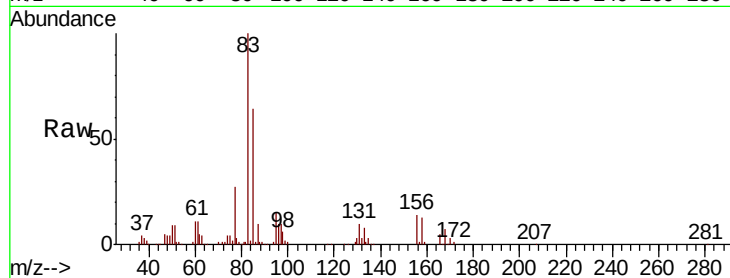
Tot Ion: 83 Resp: 164639

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

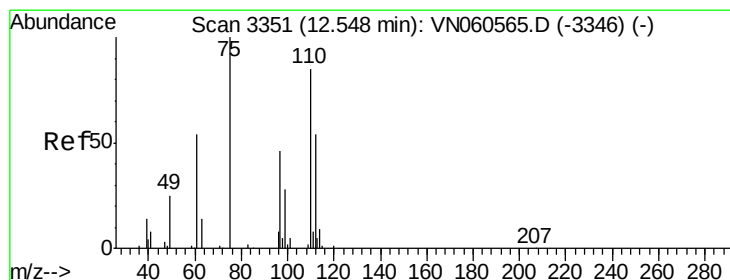
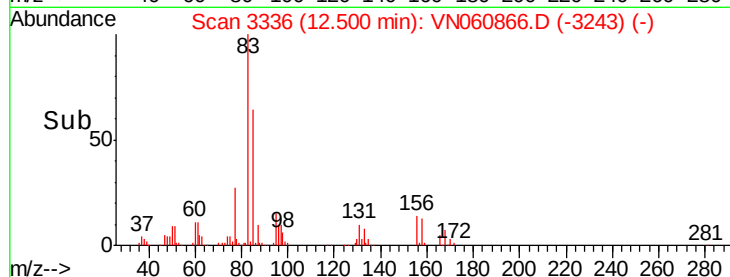
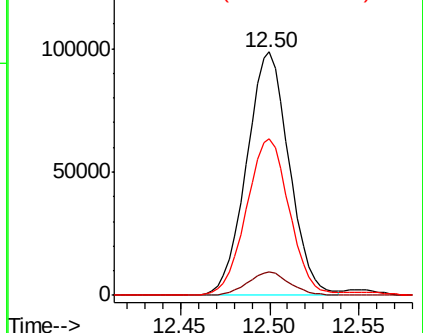
85 64.8 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060866.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060866.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060866.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 73.031 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060866.D

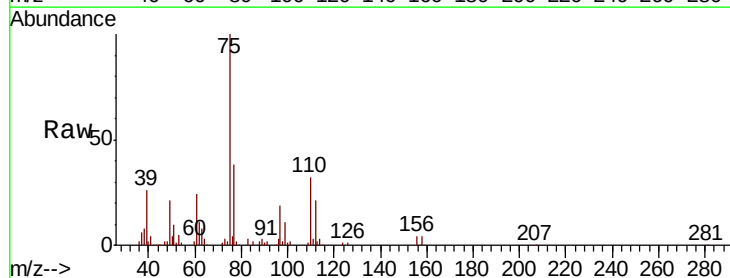
Acq: 6 Apr 2020 20:51

Tgt Ion: 75 Resp: 220006

Ion Ratio Lower Upper

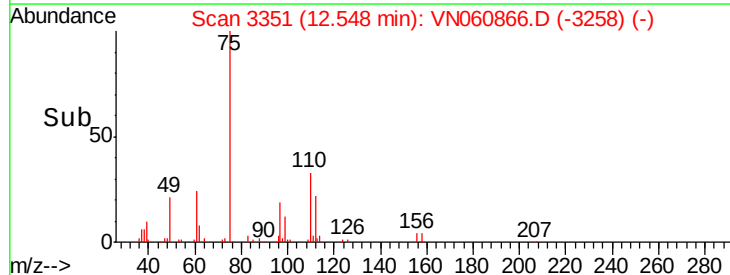
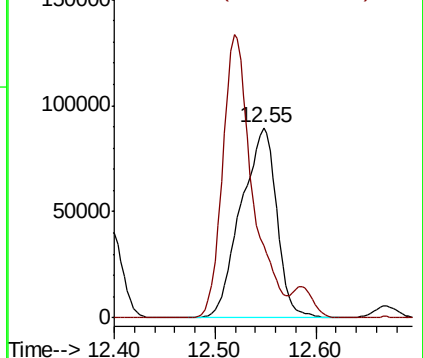
75 100

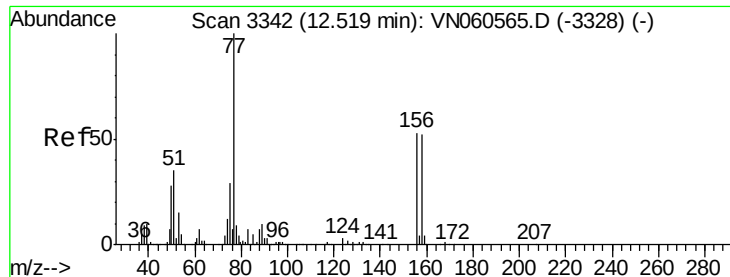
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060866.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060866.D (-3258) (-)





#77

Bromobenzene

Concen: 47.858 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

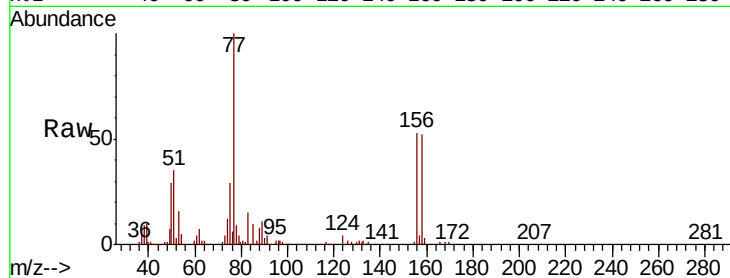
Tot Ion:156 Resp: 120824

Ion Ratio Lower Upper

156 100

77 228.1 112.3 337.0

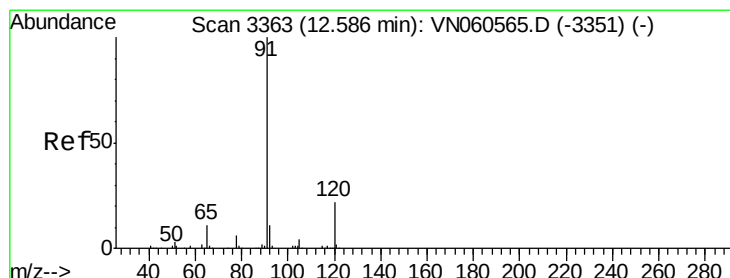
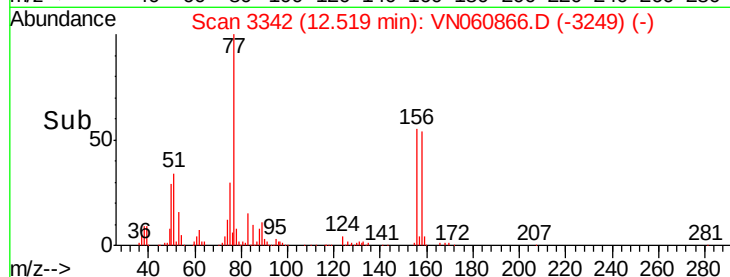
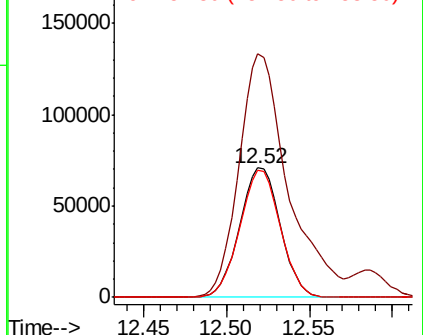
158 97.7 48.6 145.8



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: 47.574 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060866.D

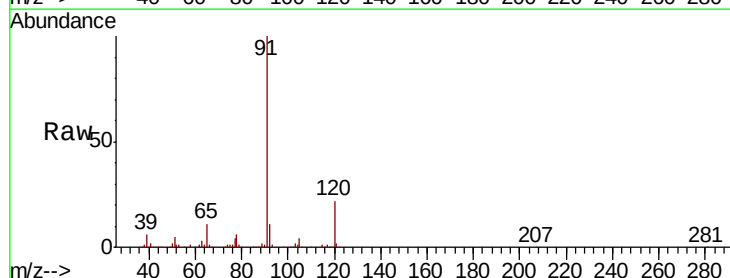
Acq: 6 Apr 2020 20:51

Tgt Ion: 91 Resp: 588879

Ion Ratio Lower Upper

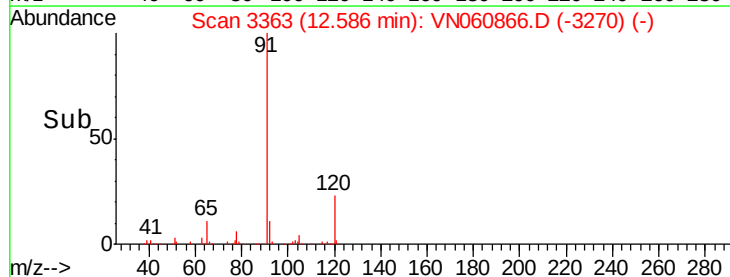
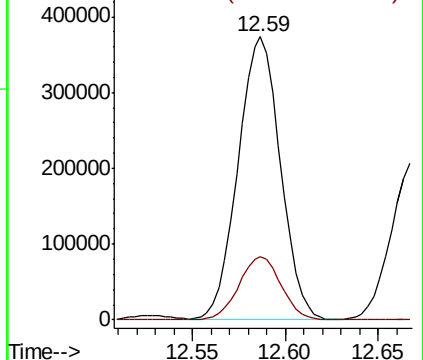
91 100

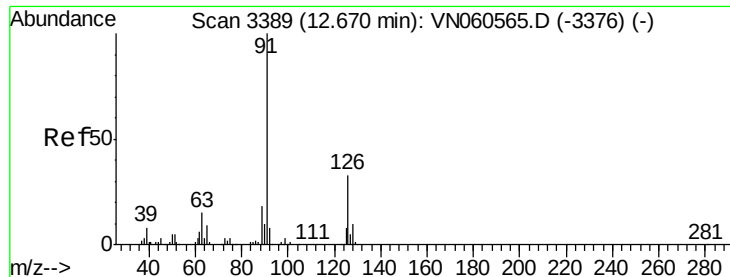
120 22.2 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.287 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

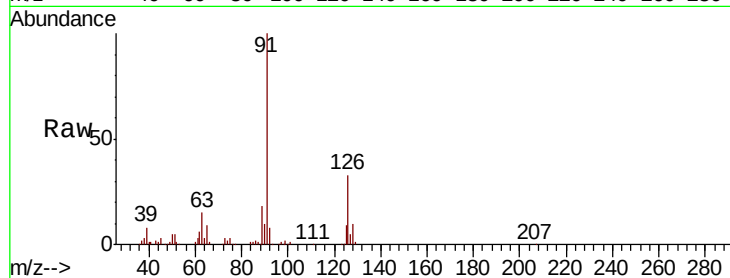
VSTDCCC050EC

Tot Ion: 91 Resp: 349732

Ion Ratio Lower Upper

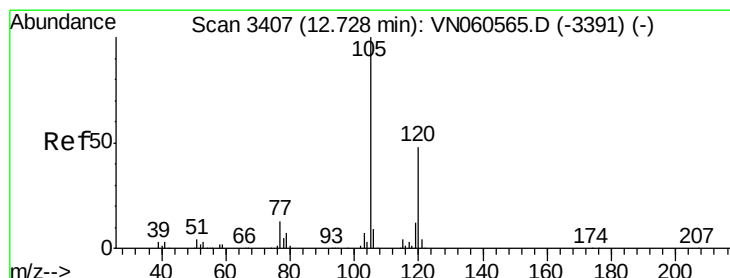
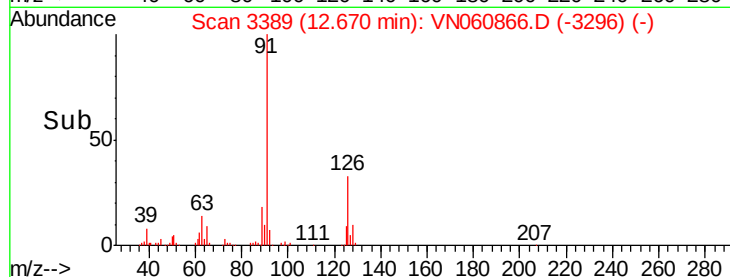
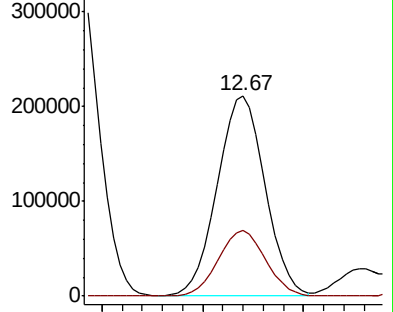
91 100

126 32.6 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060866.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060866.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 47.670 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060866.D

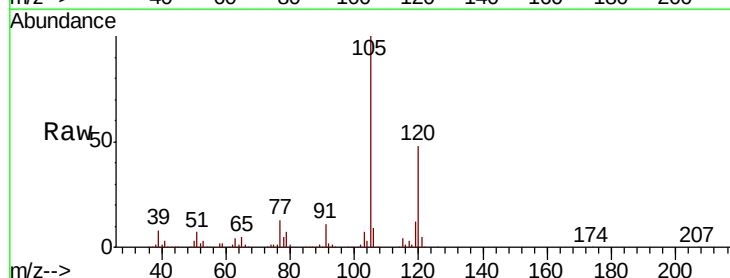
Acq: 6 Apr 2020 20:51

Tgt Ion:105 Resp: 423843

Ion Ratio Lower Upper

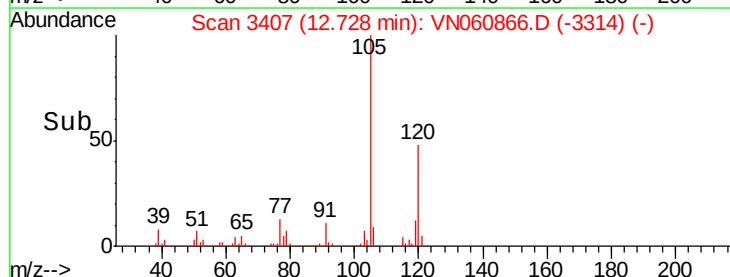
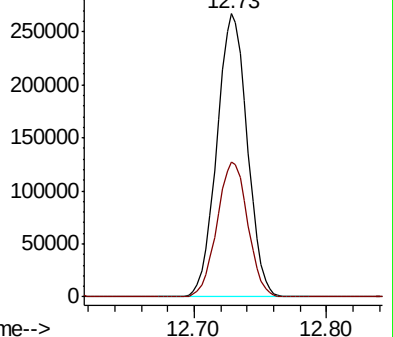
105 100

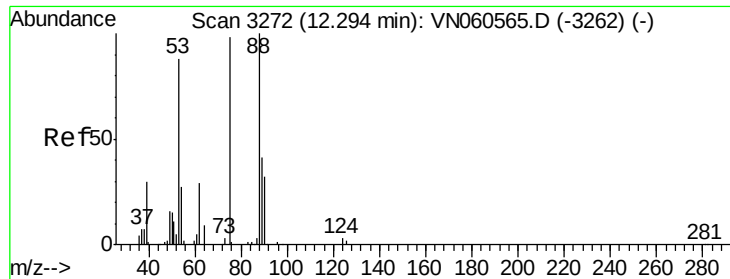
120 48.0 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060866.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN060866.D (-3391) (-)

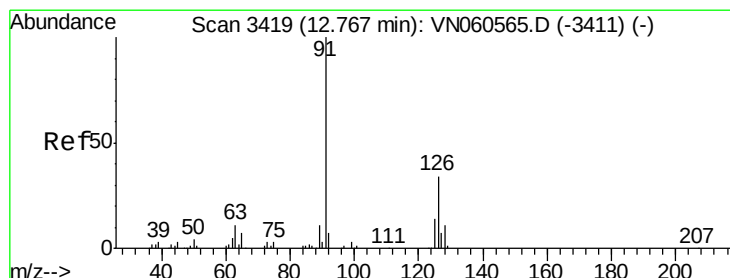
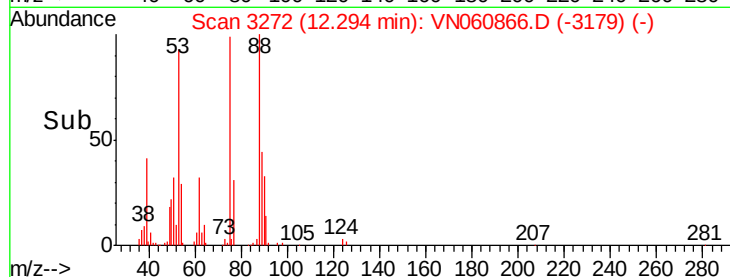
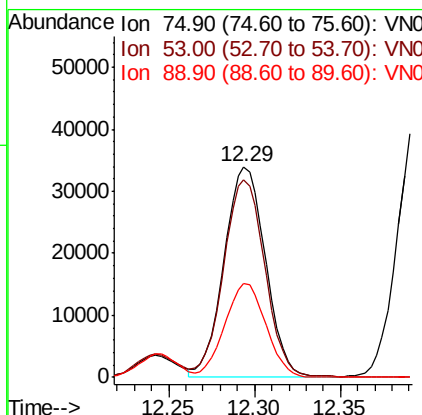
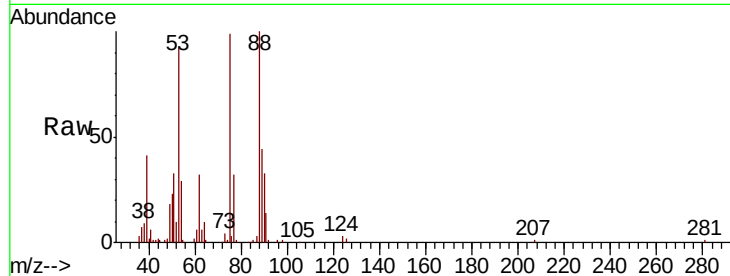




#81
trans-1,4-Dichloro-2-butene
Concen: 48.498 ug/l
RT: 12.29 min Scan# 3272
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

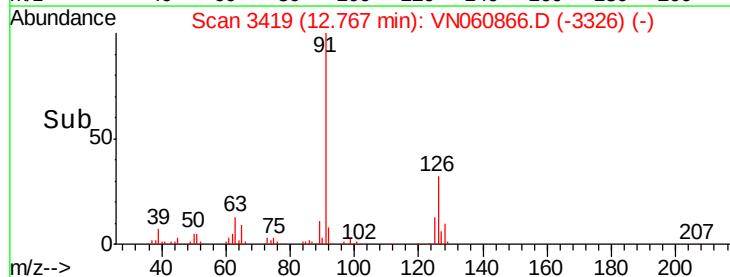
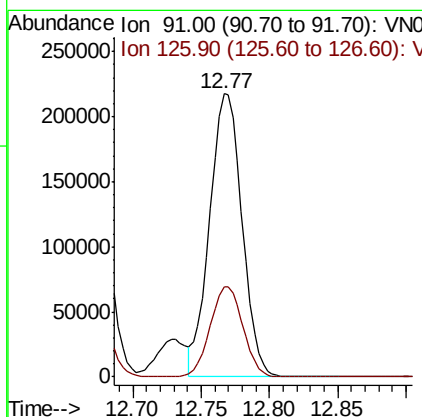
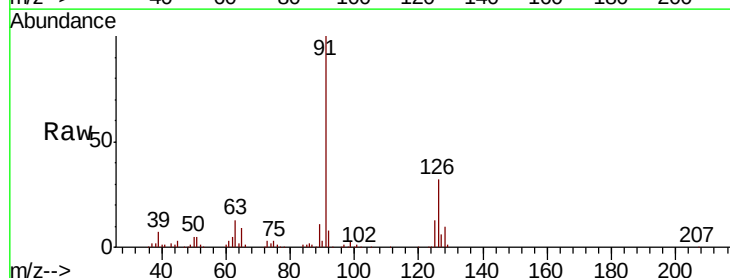
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

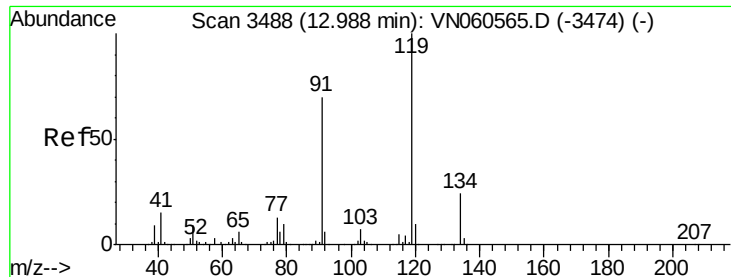
Tot Ion: 75 Resp: 56886
Ion Ratio Lower Upper
75 100
53 93.8 73.0 109.4
89 44.3 34.8 52.2



#82
4-Chlorotoluene
Concen: 47.587 ug/l
RT: 12.77 min Scan# 3419
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion: 91 Resp: 358456
Ion Ratio Lower Upper
91 100
126 32.1 16.2 48.5





#83

tert-Butylbenzene

Concen: 47.984 ug/l

RT: 12.99 min Scan# 3488

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

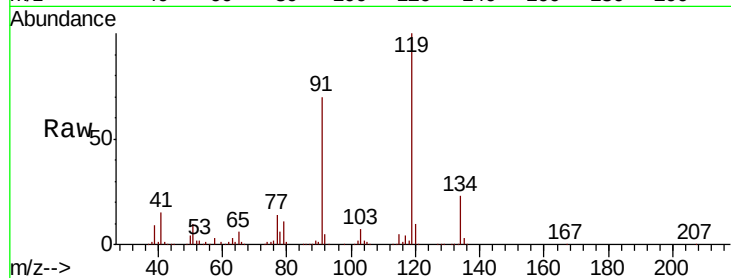
Tot Ion:119 Resp: 353669

Ion Ratio Lower Upper

119 100

91 68.4 34.0 101.8

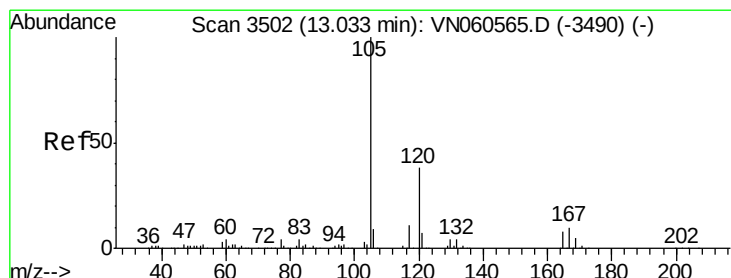
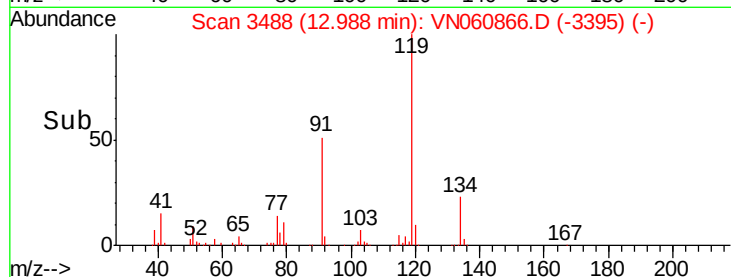
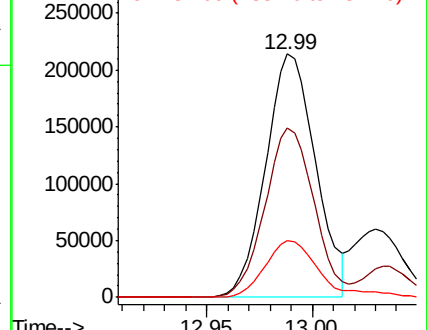
134 25.3 12.7 38.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.406 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060866.D

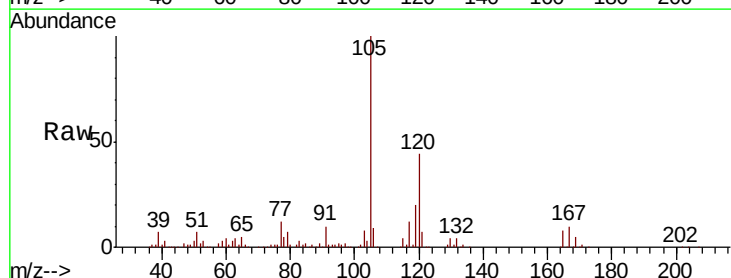
Acq: 6 Apr 2020 20:51

Tgt Ion:105 Resp: 425793

Ion Ratio Lower Upper

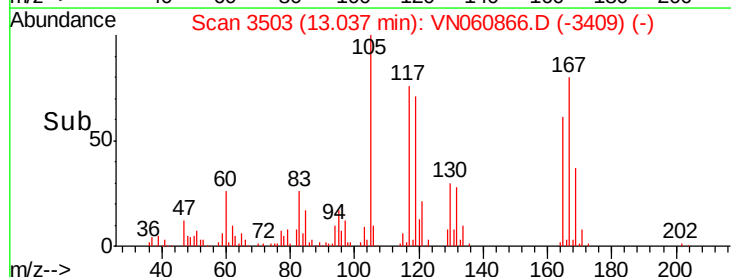
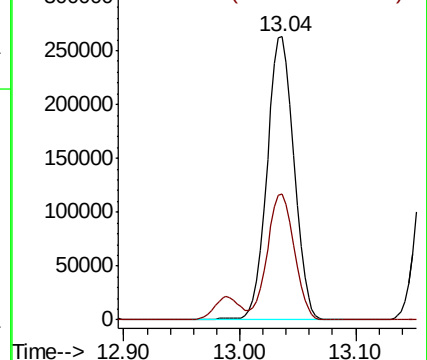
105 100

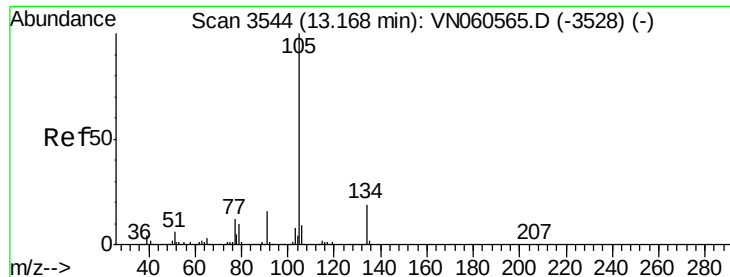
120 44.3 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.880 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

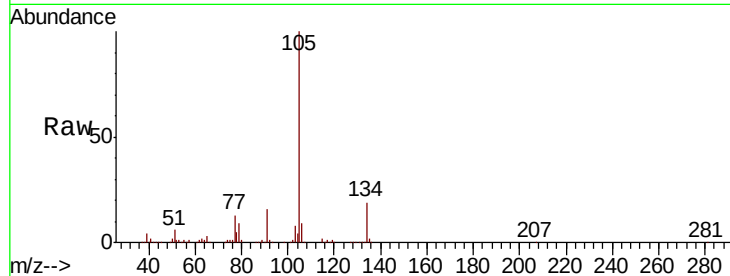
VSTDCCC050EC

Tot Ion:105 Resp: 484463

Ion Ratio Lower Upper

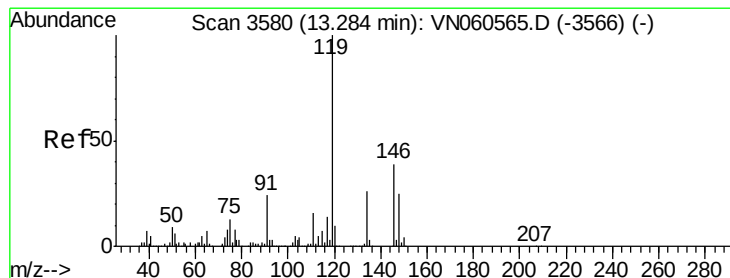
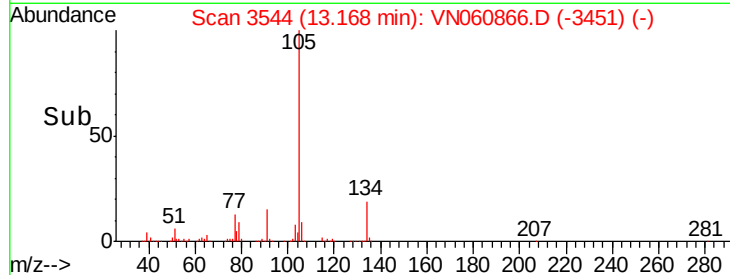
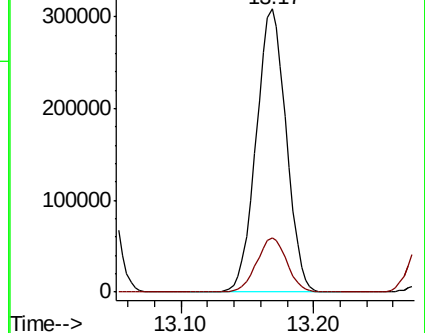
105 100

134 19.2 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: 48.364 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

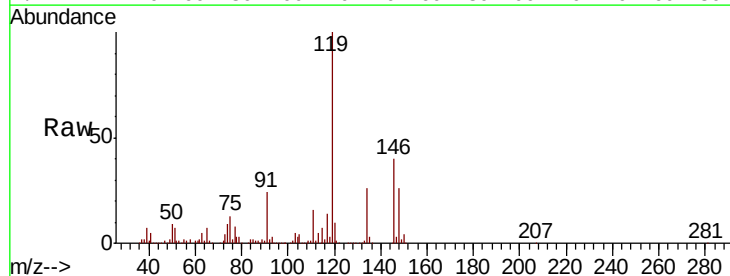
Tgt Ion:119 Resp: 431041

Ion Ratio Lower Upper

119 100

134 26.1 13.0 39.0

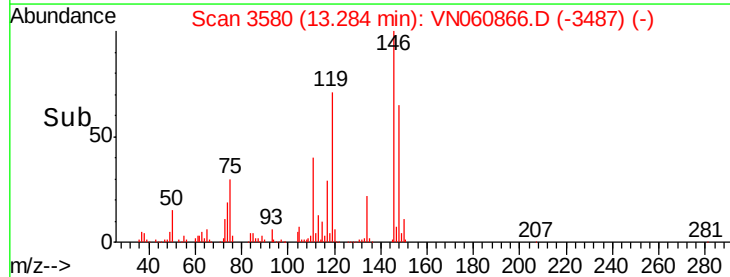
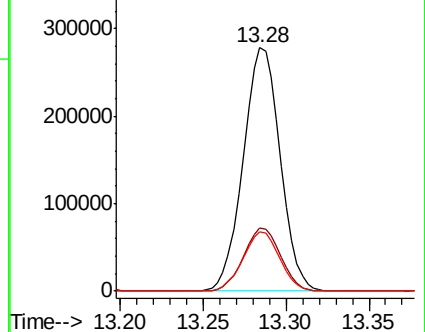
91 24.2 12.0 36.0

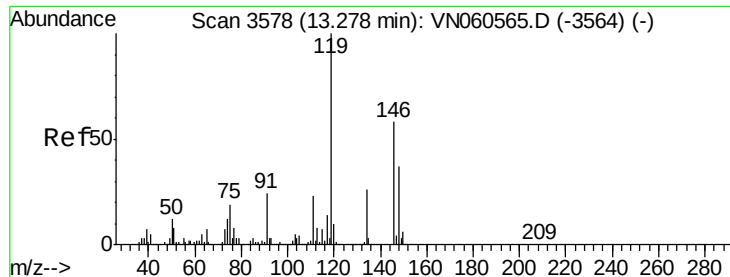


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

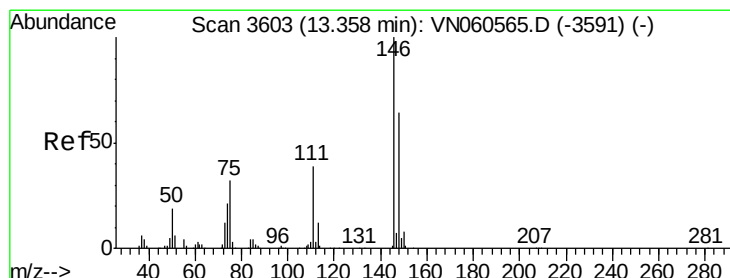
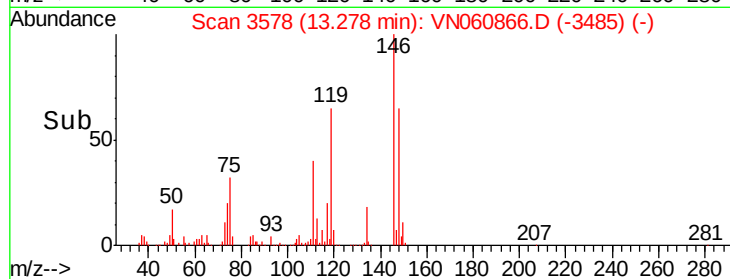
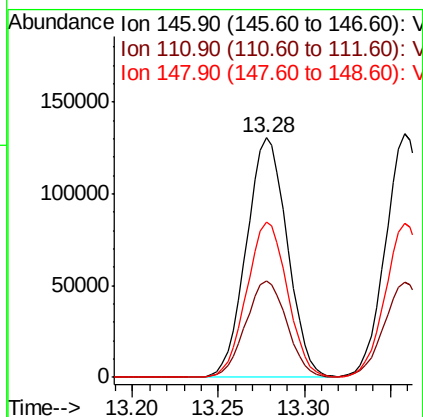
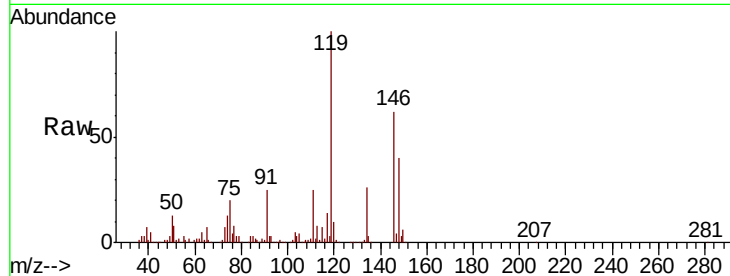




#87
 1,3-Dichlorobenzene
 Concen: 48.498 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

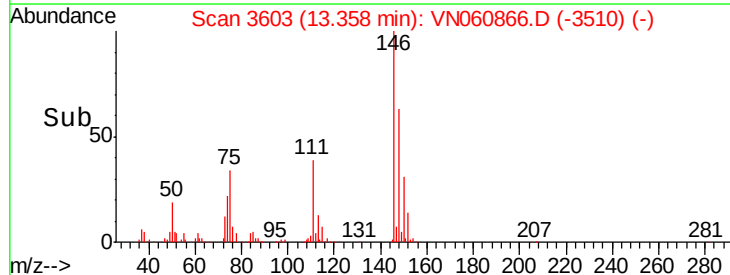
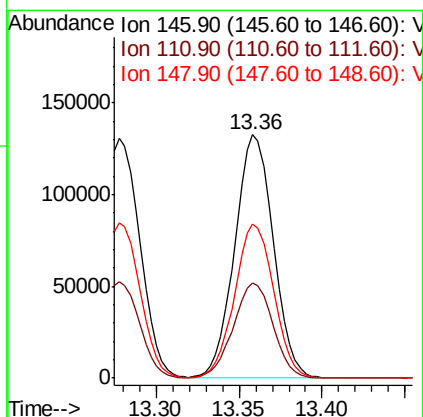
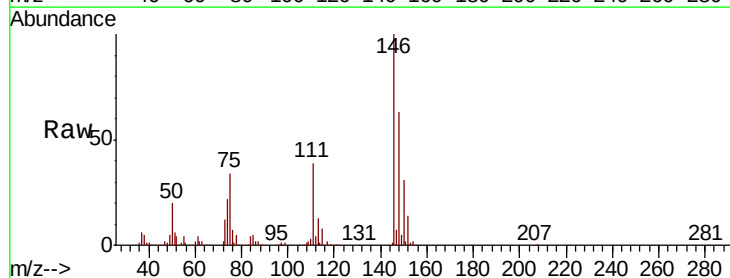
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

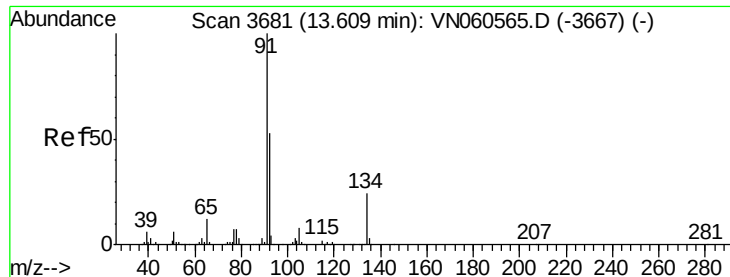
Tot Ion:146 Resp: 215951
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 60.8
 148 64.4 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 48.239 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

Tgt Ion:146 Resp: 215803
 Ion Ratio Lower Upper
 146 100
 111 40.1 19.6 58.7
 148 64.0 32.1 96.3





#89

n-Butylbenzene

Concen: 49.781 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

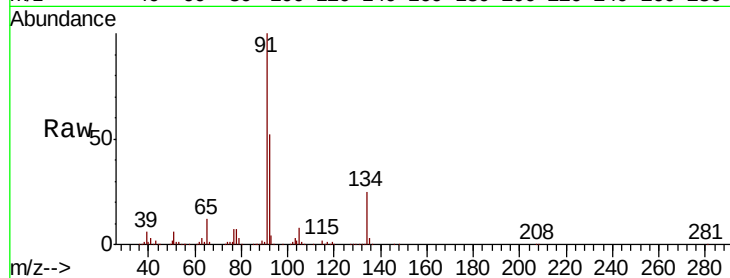
Tot Ion: 91 Resp: 400574

Ion Ratio Lower Upper

91 100

92 52.2 26.2 78.5

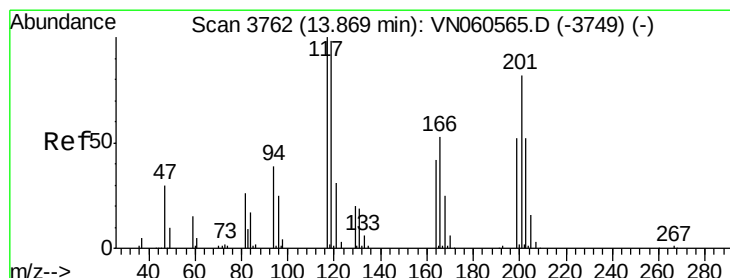
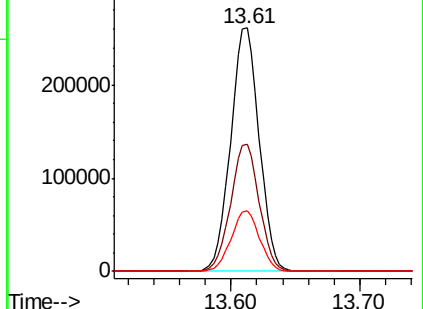
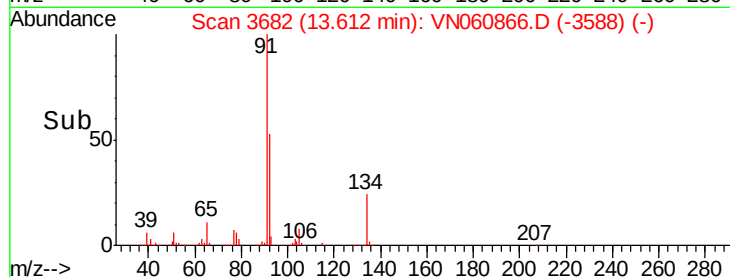
134 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060565.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060565.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060565.D (-3667) (-)



#90

Hexachloroethane

Concen: 53.791 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060866.D

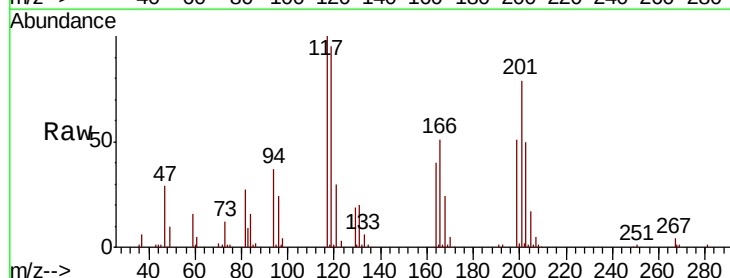
Acq: 6 Apr 2020 20:51

Tgt Ion: 117 Resp: 69686

Ion Ratio Lower Upper

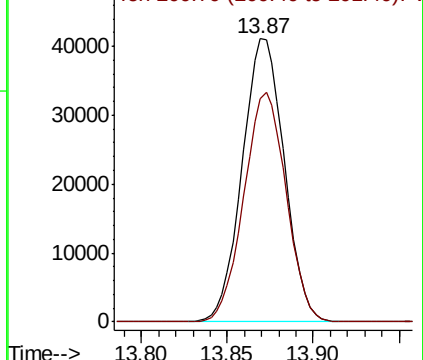
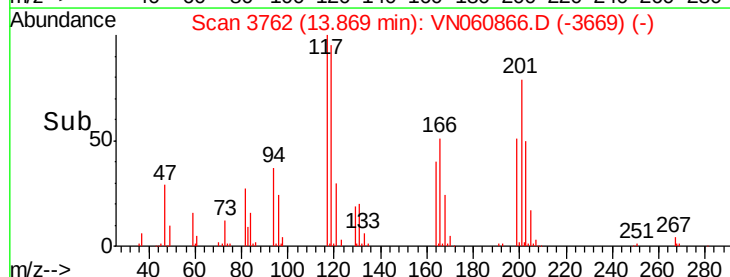
117 100

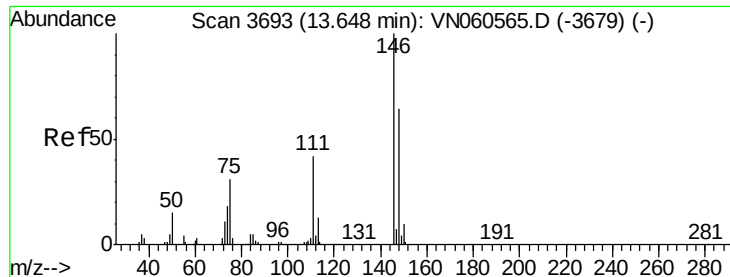
201 81.4 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060565.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN060565.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 50.124 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

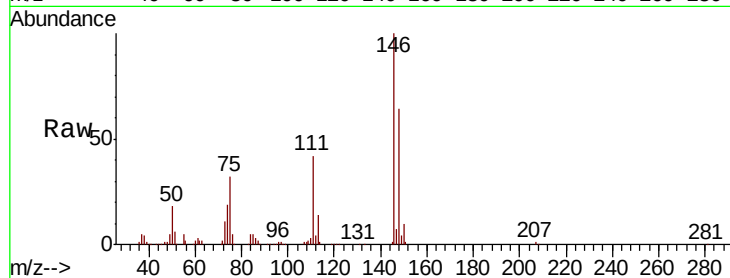
Tot Ion:146 Resp: 213414

Ion Ratio Lower Upper

146 100

111 41.9 21.0 63.0

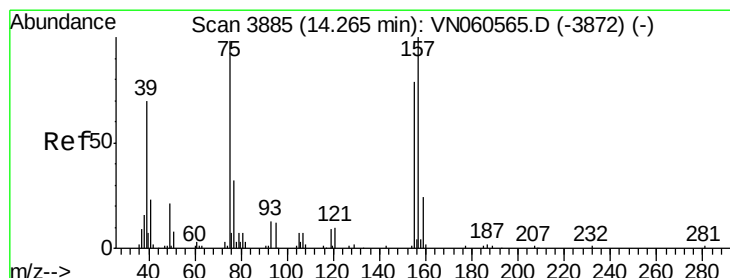
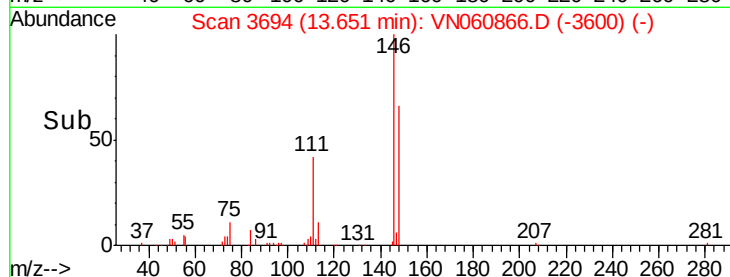
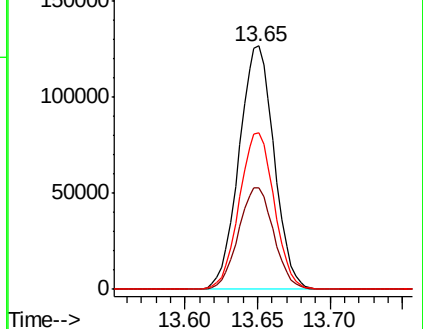
148 64.1 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.959 ug/l

RT: 14.26 min Scan# 3885

Delta R.T. 0.00 min

Lab File: VN060866.D

Acq: 6 Apr 2020 20:51

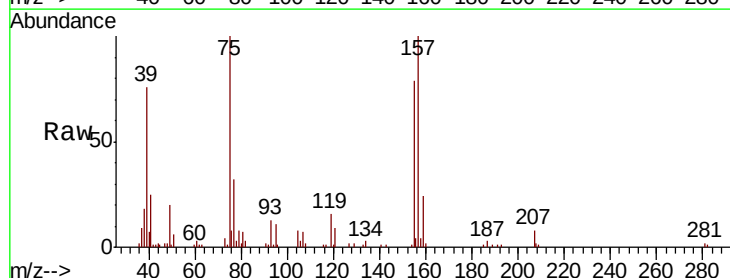
Tgt Ion: 75 Resp: 33815

Ion Ratio Lower Upper

75 100

155 79.1 40.7 122.1

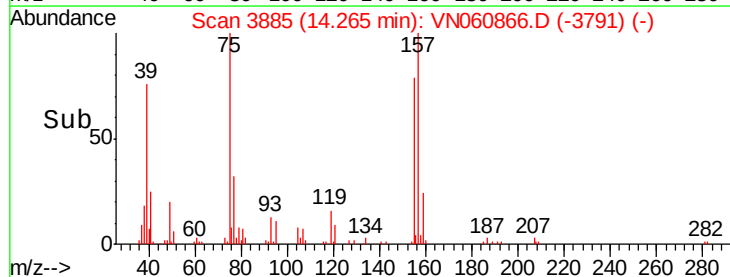
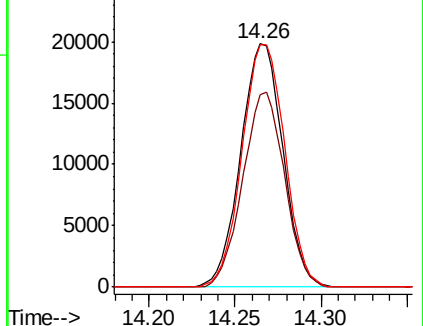
157 100.5 51.5 154.7

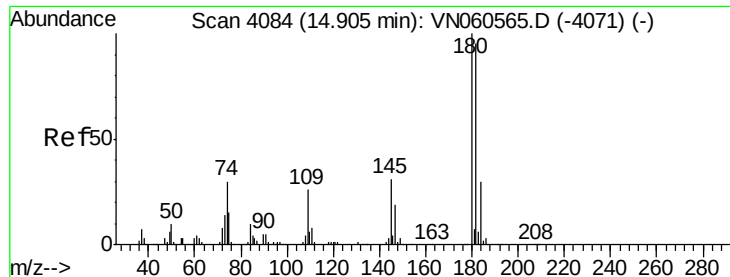


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

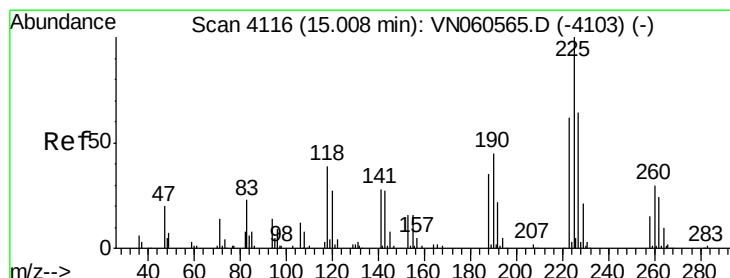
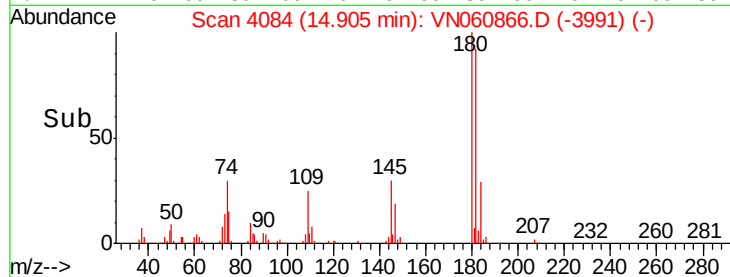
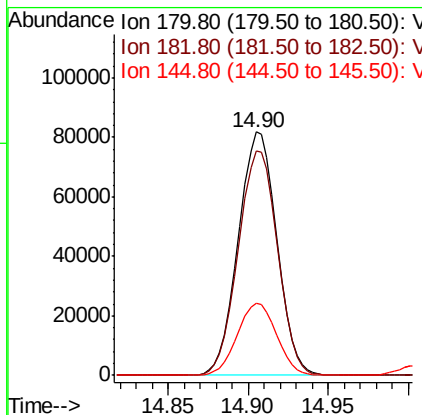
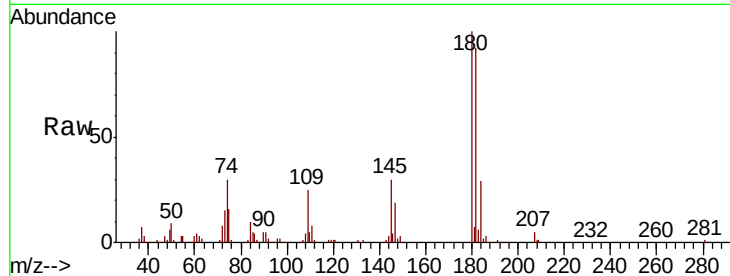




#93
 1,2,4-Trichlorobenzene
 Concen: 51.466 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

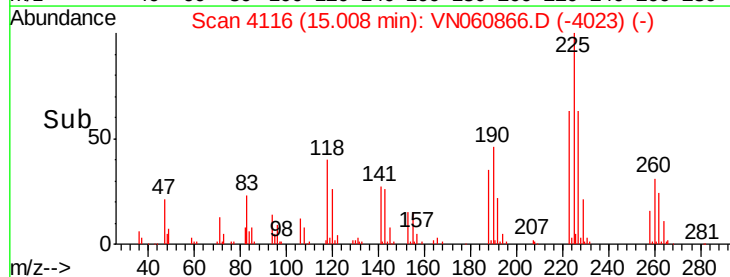
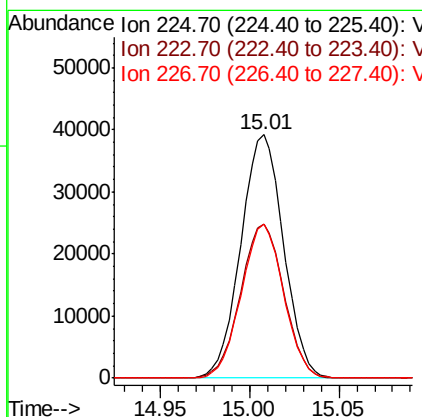
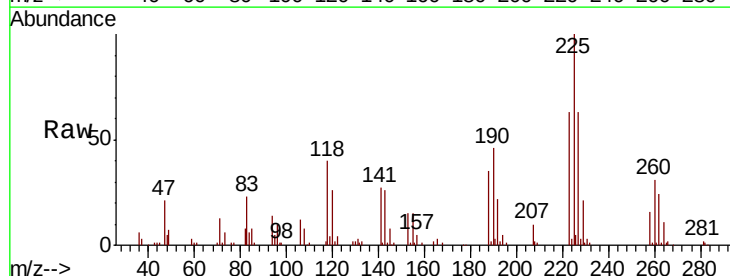
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

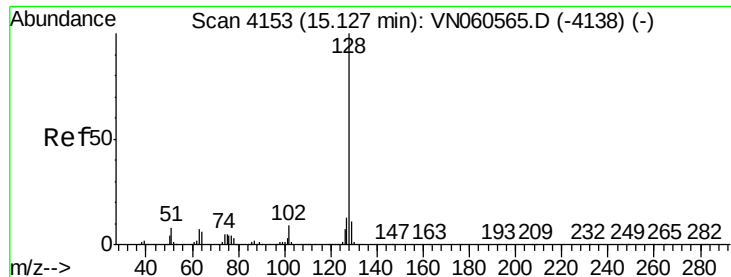
Tot Ion:180 Resp: 134565
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.9 143.8
 145 30.1 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 51.080 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060866.D
 Acq: 6 Apr 2020 20:51

Tgt Ion:225 Resp: 65471
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.6 95.0
 227 62.5 32.3 96.8

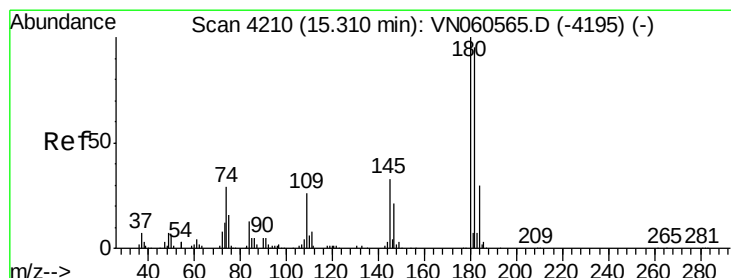
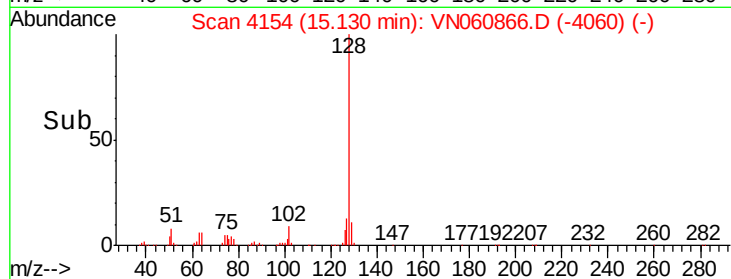
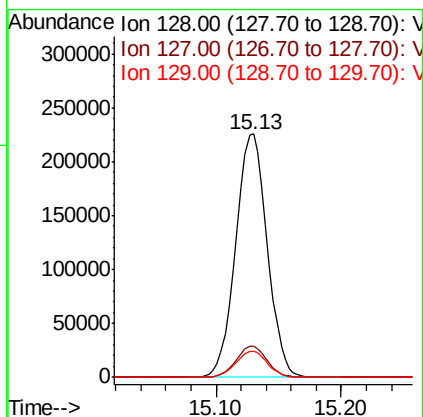
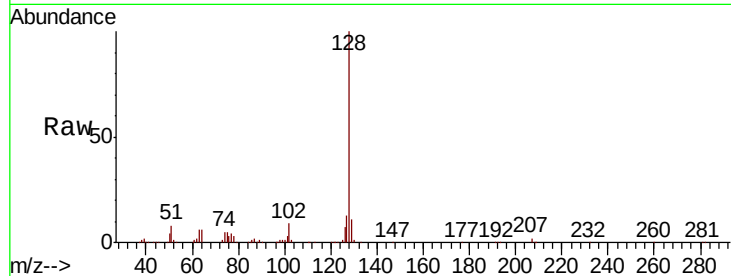




#95
Naphthalene
Concen: 50.043 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 393549
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 49.892 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060866.D
Acq: 6 Apr 2020 20:51

Tgt Ion:180 Resp: 128490
Ion Ratio Lower Upper
180 100
182 95.3 47.5 142.6
145 32.8 16.3 48.8

