

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060731.D
 Acq On : 27 Mar 2020 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 30 00:27:04 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	205697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	331639	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	305998	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151179	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	136534	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	7.56	113	102610	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	10.08	98	411189	50.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	152713	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	101338	50.916	ug/l	100
3) Chloromethane	2.04	50	171176	46.049	ug/l	99
4) Vinyl Chloride	2.17	62	134711	46.333	ug/l	98
5) Bromomethane	2.54	94	64695	51.546	ug/l	100
6) Chloroethane	2.68	64	84071	50.197	ug/l	97
7) Trichlorofluoromethane	3.00	101	181137	50.575	ug/l	100
8) Diethyl Ether	3.38	74	75222	52.282	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.73	101	111154	53.560	ug/l	100
10) Methyl Iodide	3.92	142	96968	52.509	ug/l	99
11) Tert butyl alcohol	4.72	59	99323	239.169	ug/l	99
12) 1,1-Dichloroethene	3.71	96	111316	49.983	ug/l	100
13) Acrolein	3.57	56	136042	295.577	ug/l	99
14) Allyl chloride	4.29	41	200456	51.177	ug/l	98
15) Acrylonitrile	4.94	53	313151	256.433	ug/l	100
16) Acetone	3.77	43	342621	342.542	ug/l	100
17) Carbon Disulfide	4.03	76	325843	48.108	ug/l	100
18) Methyl Acetate	4.28	43	144715	51.401	ug/l	99
19) Methyl tert-butyl Ether	5.00	73	388894	50.790	ug/l	97
20) Methylene Chloride	4.52	84	124385	50.552	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	119849	50.493	ug/l	97
22) Diisopropyl ether	5.91	45	444678	53.736	ug/l	97
23) Vinyl Acetate	5.85	43	1820694	269.657	ug/l	99
24) 1,1-Dichloroethane	5.81	63	236736	52.477	ug/l	99
25) 2-Butanone	6.79	43	461290	285.003	ug/l	99
26) 2,2-Dichloropropane	6.79	77	201545	56.783	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	137895	51.124	ug/l	98
28) Bromochloromethane	7.17	49	109268	50.625	ug/l	99
29) Tetrahydrofuran	7.18	42	280364	244.820	ug/l	99
30) Chloroform	7.34	83	222782	51.513	ug/l	98
31) Cyclohexane	7.63	56	223461	49.134	ug/l	98
32) 1,1,1-Trichloroethane	7.54	97	192979	51.762	ug/l	99
36) 1,1-Dichloropropene	7.77	75	176629	55.002	ug/l	100
37) Ethyl Acetate	6.89	43	177384	51.121	ug/l	98
38) Carbon Tetrachloride	7.75	117	156987	54.545	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	217340	56.952	ug/l	99
40) Benzene	8.02	78	519104	53.548	ug/l	100
41) Methacrylonitrile	7.14	41	89708m	60.579	ug/l	
42) 1,2-Dichloroethane	8.10	62	178058	53.746	ug/l	99
43) Isopropyl Acetate	8.14	43	305358	53.361	ug/l	100
44) Trichloroethene	8.81	130	131817	53.940	ug/l	99
45) 1,2-Dichloropropane	9.10	63	142772	55.815	ug/l	98
46) Dibromomethane	9.19	93	84182	54.436	ug/l	99
47) Bromodichloromethane	9.38	83	178002	55.392	ug/l	98
48) Methyl methacrylate	9.18	41	136508	53.578	ug/l	100
49) 1,4-Dioxane	9.17	88	33047	1091.245	ug/l	99
51) 4-Methyl-2-Pentanone	9.97	43	880154	270.289	ug/l	100
52) Toluene	10.14	92	316957	54.138	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	210561	57.043	ug/l	100
54) cis-1,3-Dichloropropene	9.82	75	224380	55.409	ug/l	100
55) 1,1,2-Trichloroethane	10.55	97	121340	53.873	ug/l	98
56) Ethyl methacrylate	10.42	69	197514	56.241	ug/l	99
57) 1,3-Dichloropropane	10.70	76	214324	54.835	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	497497	285.023	ug/l	99
59) 2-Hexanone	10.74	43	664593	283.322	ug/l	100
60) Dibromochloromethane	10.89	129	131277	56.425	ug/l	100
61) 1,2-Dibromoethane	10.99	107	125288	55.319	ug/l	99
64) Tetrachloroethene	10.62	164	127583	52.984	ug/l	99
65) Chlorobenzene	11.42	112	328897	54.219	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	120407	54.822	ug/l	97
67) Ethyl Benzene	11.50	91	620226	54.980	ug/l	99
68) m/p-Xylenes	11.61	106	458123	109.284	ug/l	99
69) o-Xylene	11.94	106	219074	54.744	ug/l	100
70) Styrene	11.96	104	365368	55.825	ug/l	100
71) Bromoform	12.12	173	92502	50.651	ug/l #	99
73) Isopropylbenzene	12.24	105	591235	52.112	ug/l	100
74) N-amyl acetate	12.06	43	270917	51.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	173914	50.690	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	160574m	49.224	ug/l	
77) Bromobenzene	12.52	156	140020	51.217	ug/l	99
78) n-propylbenzene	12.59	91	713061	53.198	ug/l	100
79) 2-Chlorotoluene	12.67	91	410079	51.204	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	506858	52.644	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.29	75	68122	53.633	ug/l	99
82) 4-Chlorotoluene	12.77	91	430140	52.734	ug/l	100
83) tert-Butylbenzene	12.99	119	422720	52.964	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	507892	53.322	ug/l	100
85) sec-Butylbenzene	13.17	105	586881	54.683	ug/l	100
86) p-Isopropyltoluene	13.28	119	532699	55.196	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	257773	53.461	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	259592	53.587	ug/l	100
89) n-Butylbenzene	13.61	91	505917	58.062	ug/l	99
90) Hexachloroethane	13.87	117	79965	57.002	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	247351	53.650	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.26	75	35462	49.344	ug/l	98

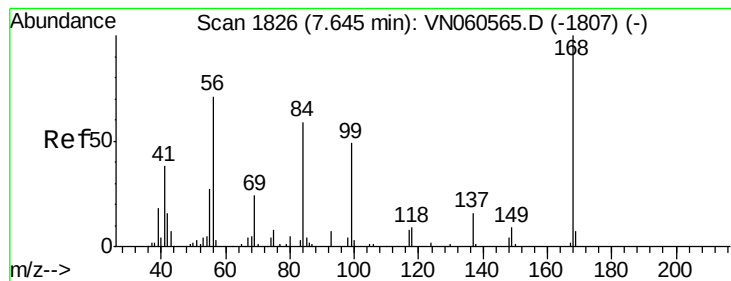
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	163024	57.580	ug/l	99
94) Hexachlorobutadiene	15.01	225	80437	57.954	ug/l	100
95) Naphthalene	15.13	128	447452	52.543	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	152220	54.584	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

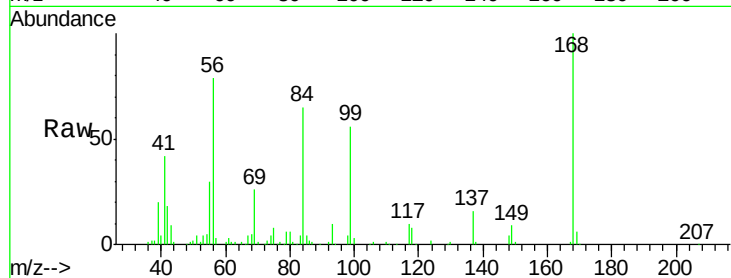
VSTDCCC050

Tot Ion:168 Resp: 205697

Ion Ratio Lower Upper

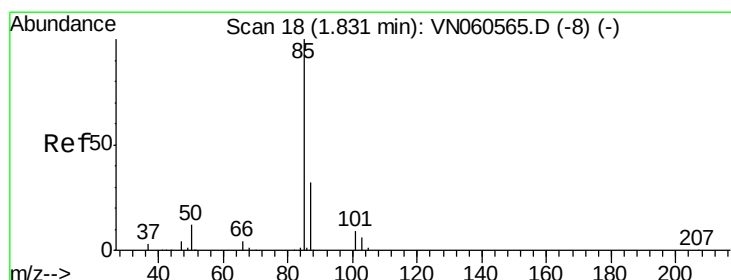
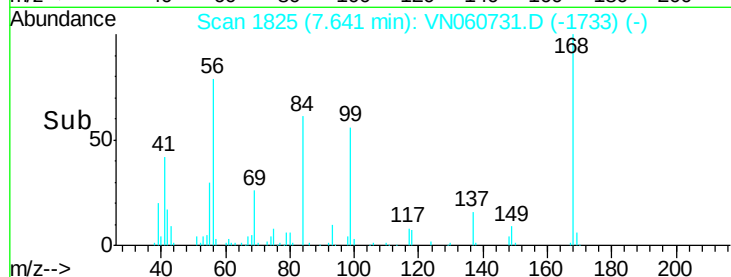
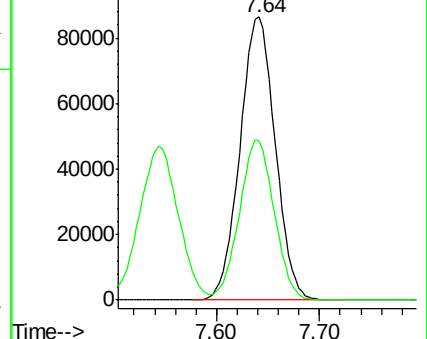
168 100

99 56.1 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 50.916 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060731.D

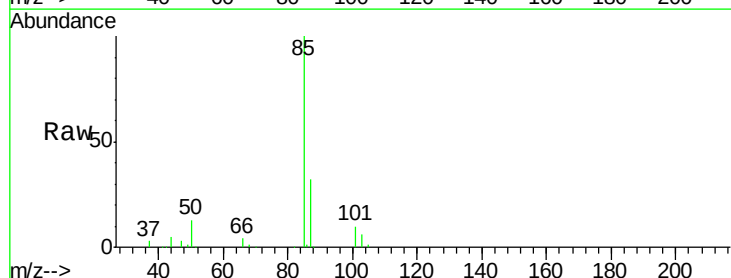
Acq: 27 Mar 2020 10:31

Tgt Ion: 85 Resp: 101338

Ion Ratio Lower Upper

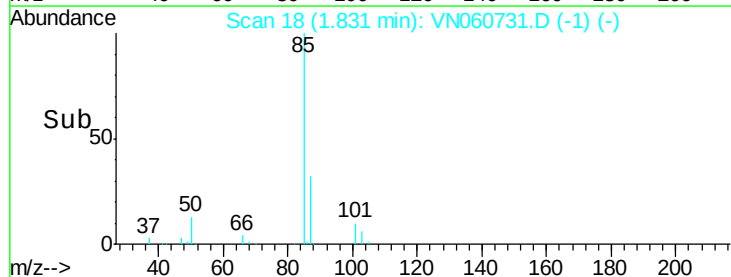
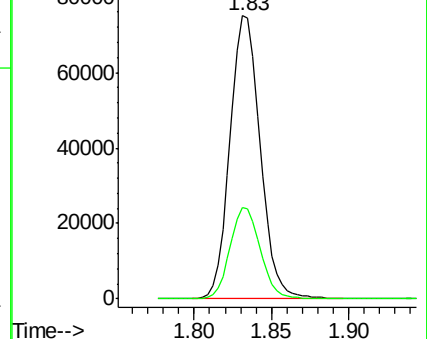
85 100

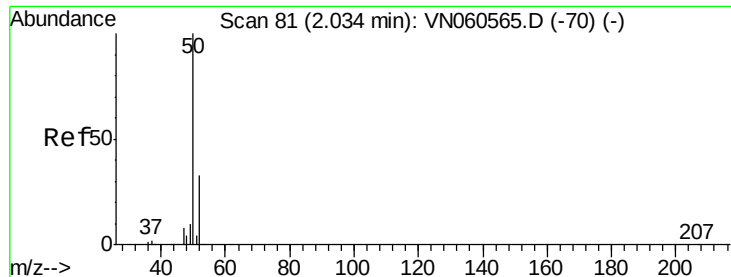
87 32.2 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.049 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

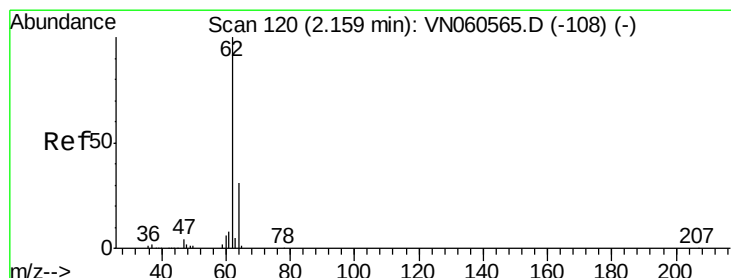
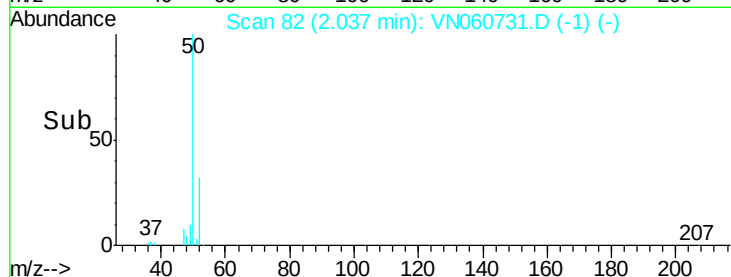
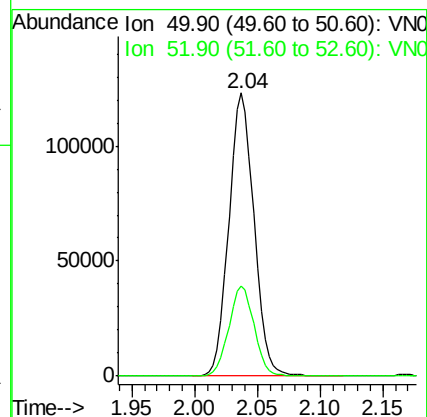
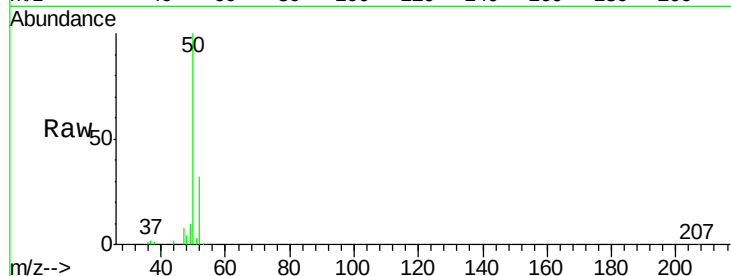
VSTDCCC050

Tot Ion: 50 Resp: 171176

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2



#4

Vinyl Chloride

Concen: 46.333 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060731.D

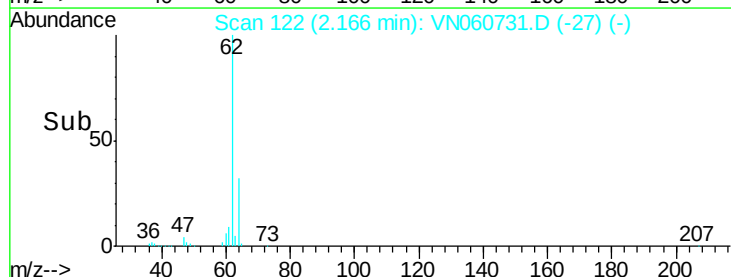
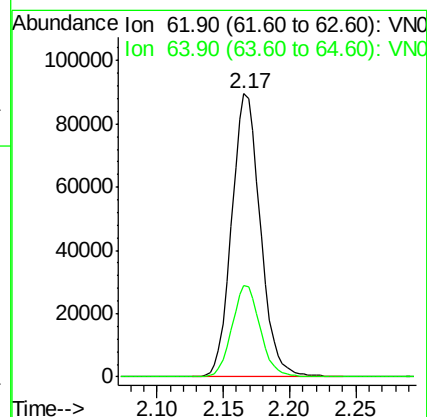
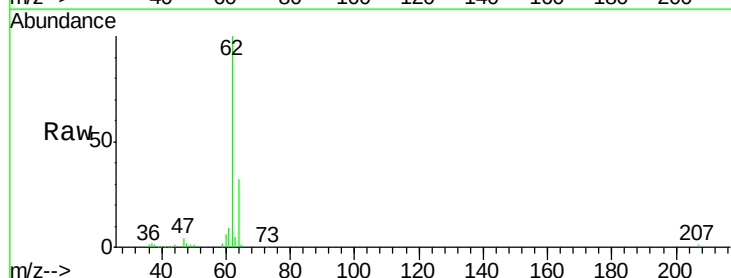
Acq: 27 Mar 2020 10:31

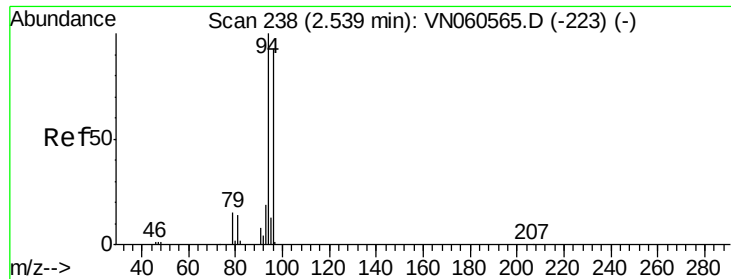
Tgt Ion: 62 Resp: 134711

Ion Ratio Lower Upper

62 100

64 32.2 24.7 37.1





#5

Bromomethane

Concen: 51.546 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

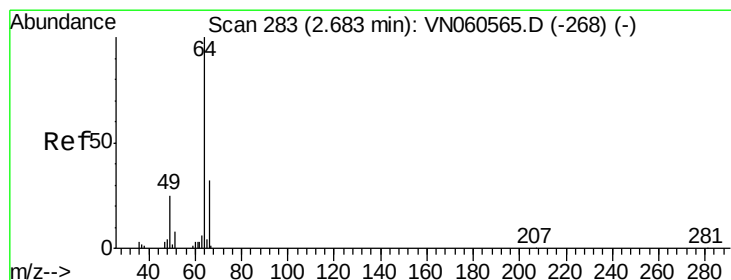
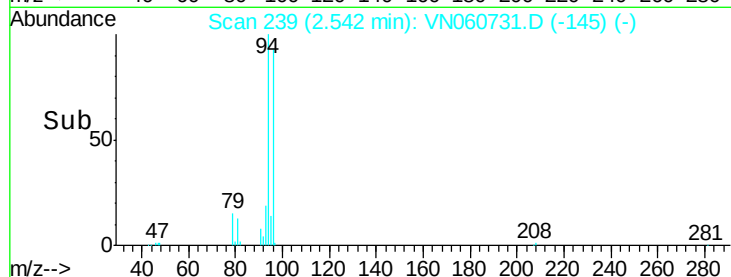
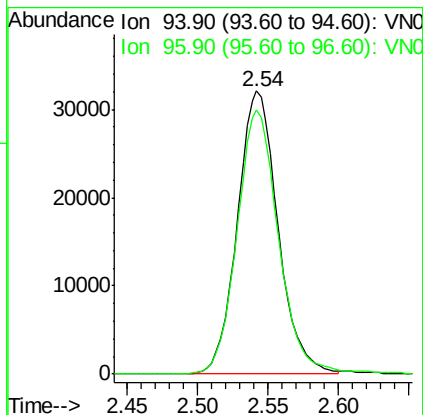
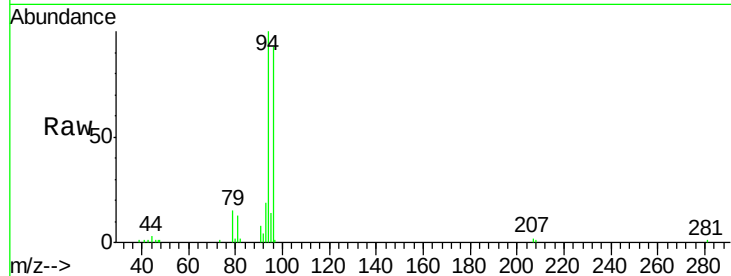
VSTDCCC050

Tot Ion: 94 Resp: 64695

Ion Ratio Lower Upper

94 100

96 93.5 74.6 112.0



#6

Chloroethane

Concen: 50.197 ug/l

RT: 2.68 min Scan# 283

Delta R.T. -0.00 min

Lab File: VN060731.D

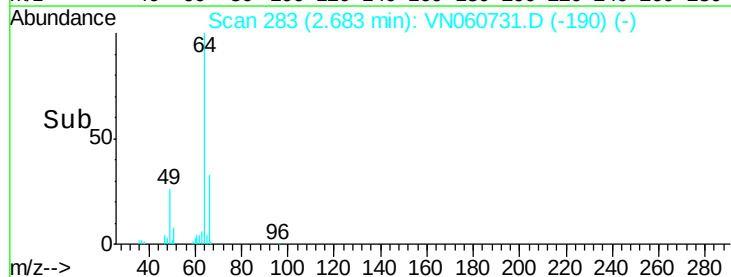
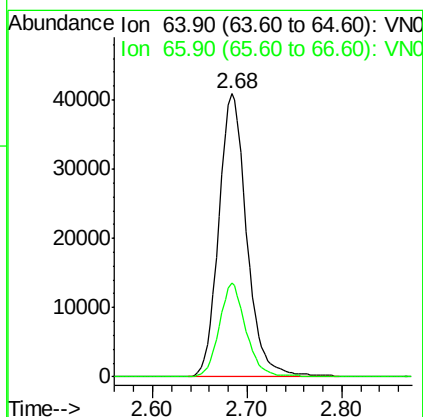
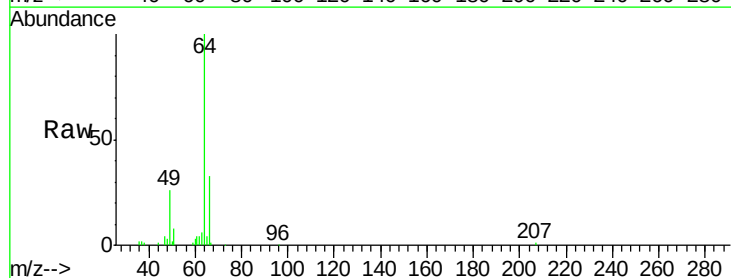
Acq: 27 Mar 2020 10:31

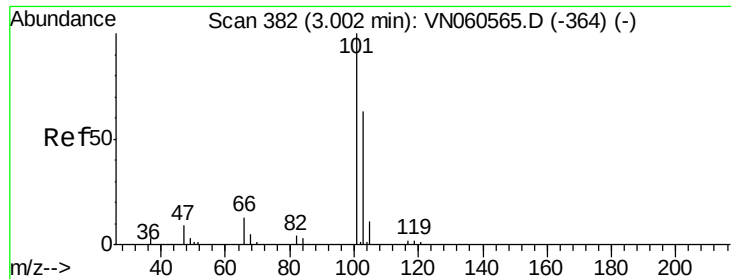
Tgt Ion: 64 Resp: 84071

Ion Ratio Lower Upper

64 100

66 33.2 25.3 37.9



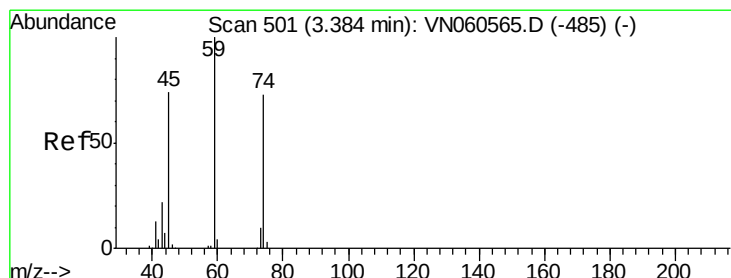
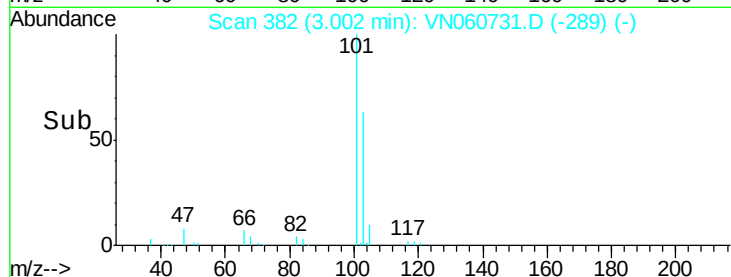
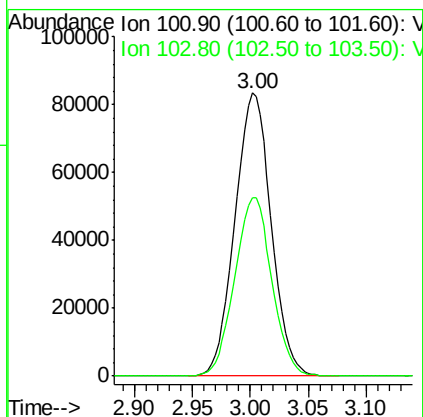
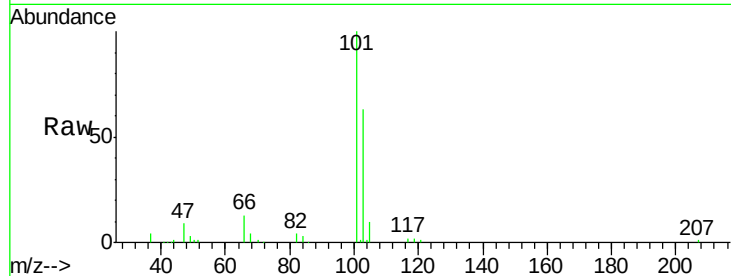


#7

Trichlorofluoromethane
 Concen: 50.575 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

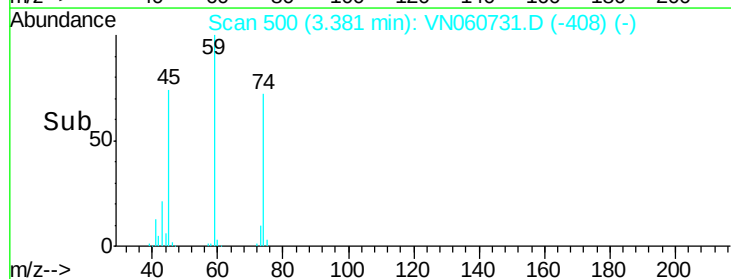
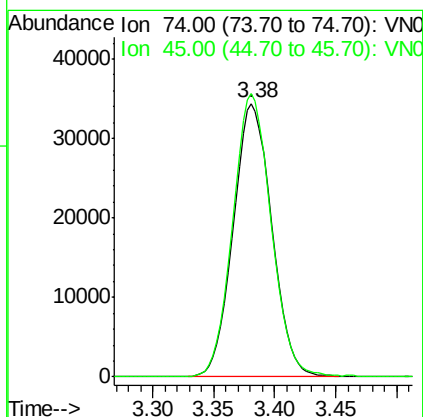
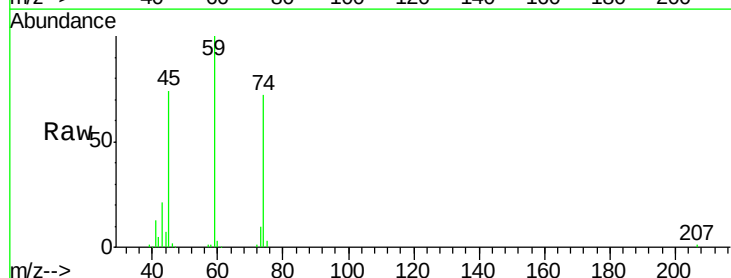
Tot Ion:101 Resp: 181137
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.6 76.0

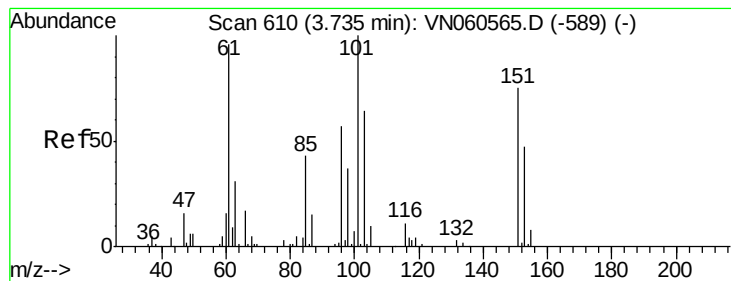


#8

Diethyl Ether
 Concen: 52.282 ug/l
 RT: 3.38 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion: 74 Resp: 75222
 Ion Ratio Lower Upper
 74 100
 45 103.3 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.560 ug/l

RT: 3.73 min Scan# 610

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

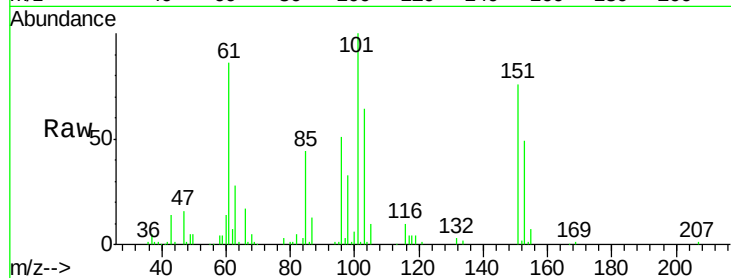
Tot Ion:101 Resp: 111154

Ion Ratio Lower Upper

101 100

85 44.3 35.6 53.4

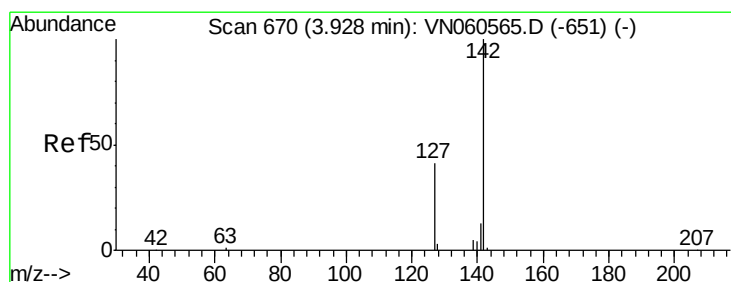
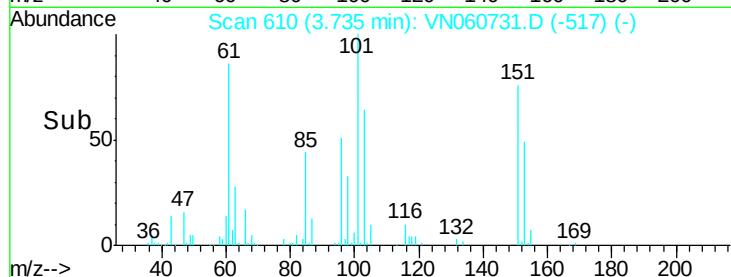
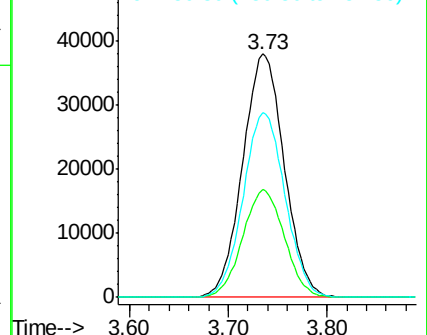
151 76.4 61.4 92.2



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: 52.509 ug/l

RT: 3.92 min Scan# 669

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

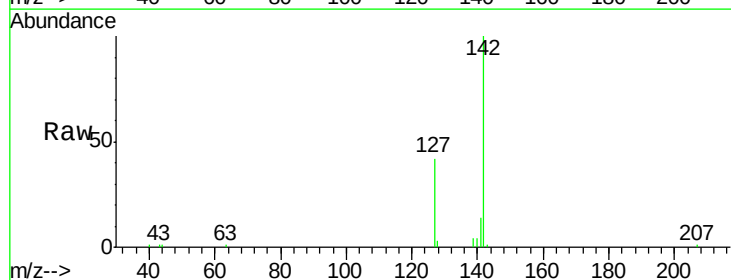
Tgt Ion:142 Resp: 96968

Ion Ratio Lower Upper

142 100

127 41.3 33.5 50.3

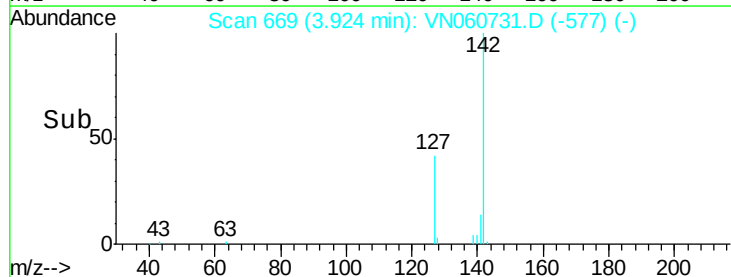
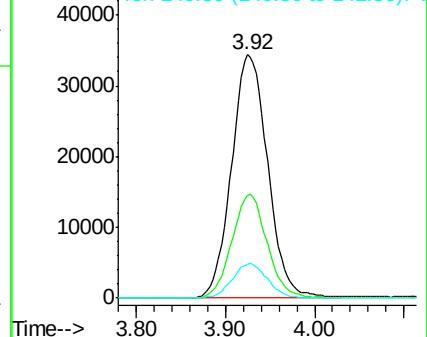
141 13.7 11.0 16.6

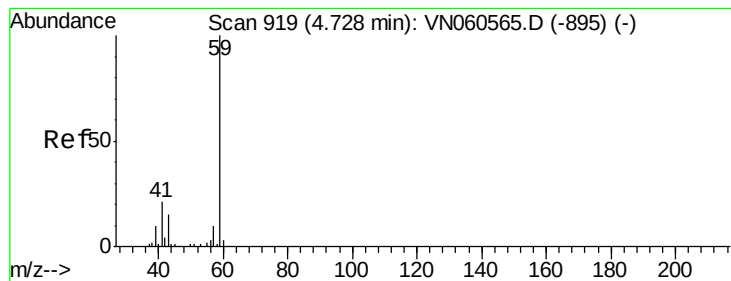


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



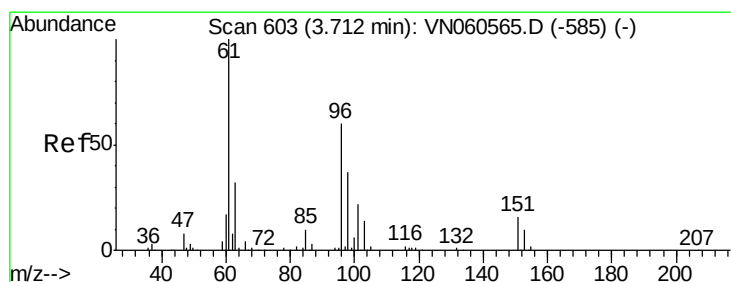
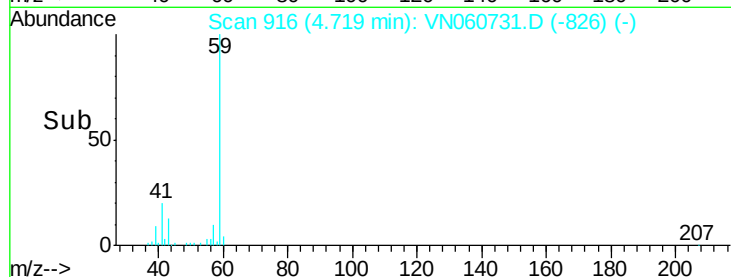
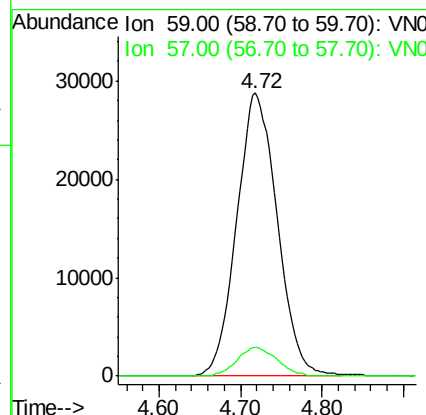
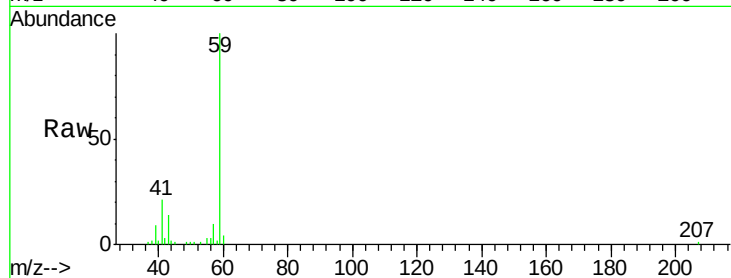


#11

Tert butyl alcohol
 Concen: 239.169 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

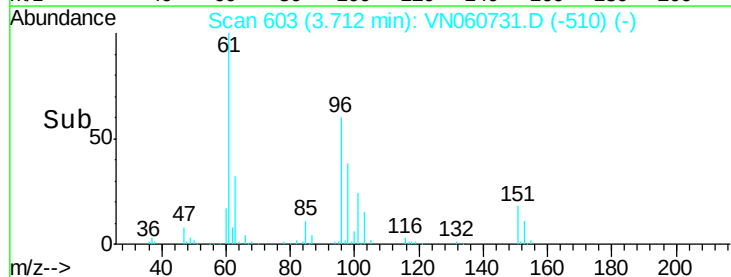
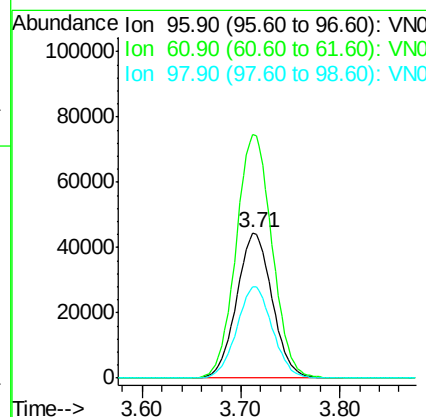
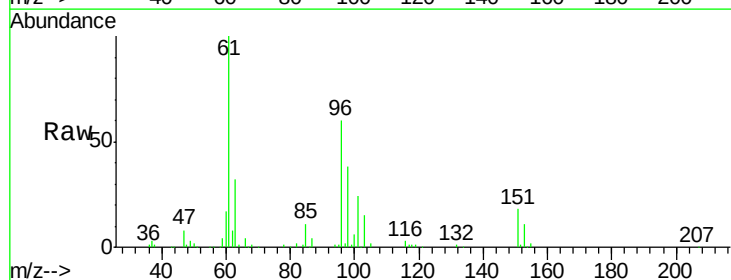
Tot Ion: 59 Resp: 99323
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

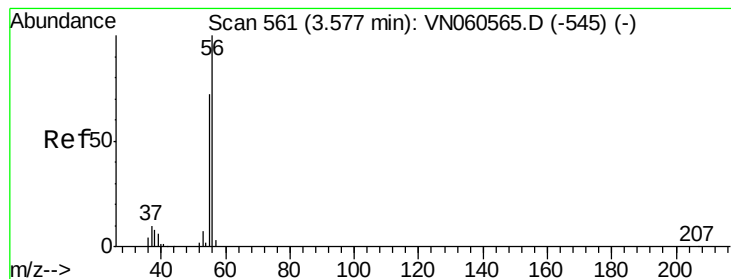


#12

1,1-Dichloroethene
 Concen: 49.983 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion: 96 Resp: 111316
 Ion Ratio Lower Upper
 96 100
 61 167.9 134.1 201.1
 98 63.1 49.9 74.9





#13

Acrolein

Concen: 295.577 ug/l

RT: 3.57 min Scan# 560

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

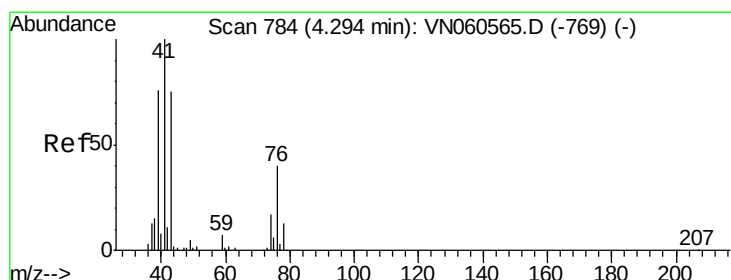
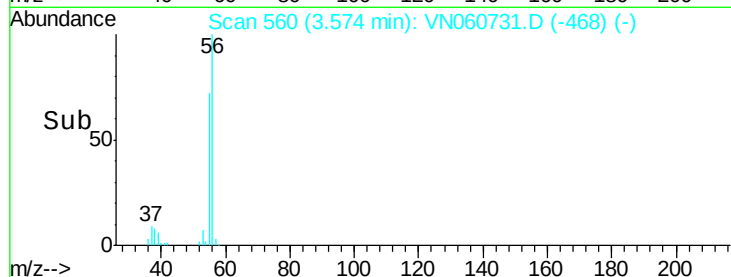
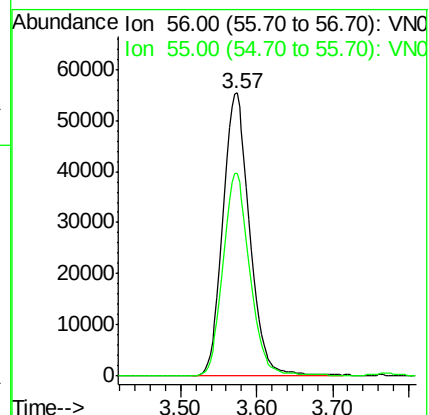
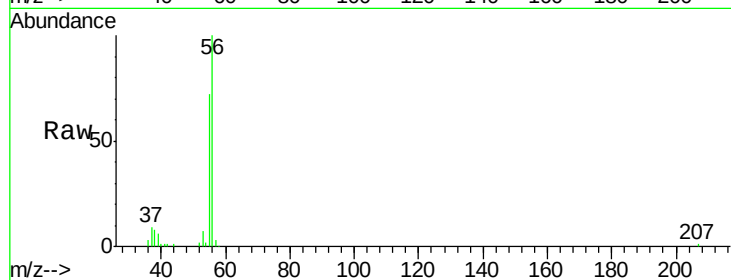
VSTDCCC050

Tot Ion: 56 Resp: 136042

Ion Ratio Lower Upper

56 100

55 71.6 56.7 85.1



#14

Allyl chloride

Concen: 51.177 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

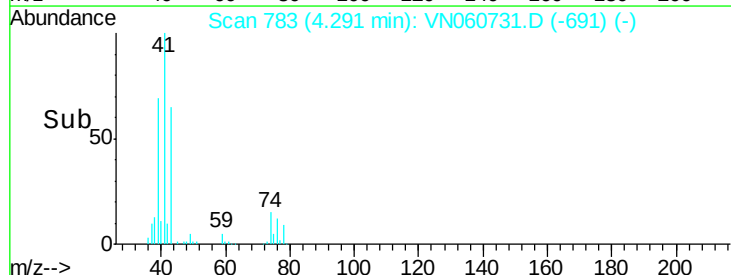
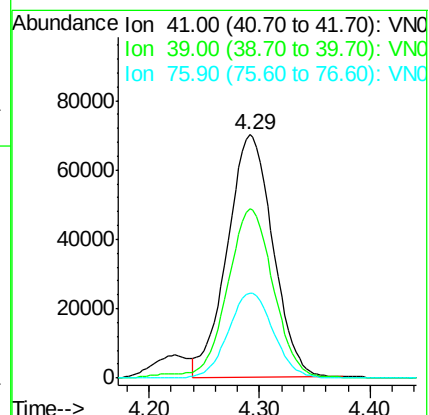
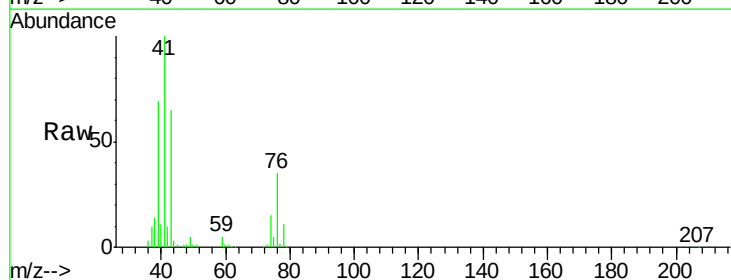
Tgt Ion: 41 Resp: 200456

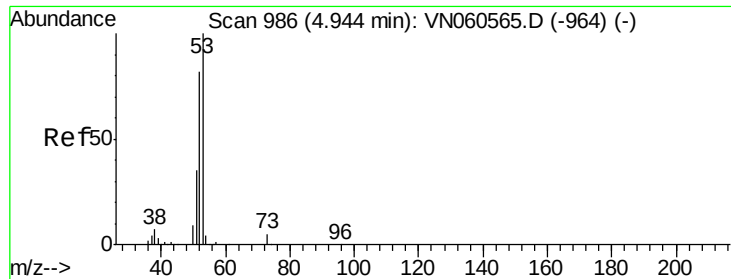
Ion Ratio Lower Upper

41 100

39 71.0 57.8 86.8

76 34.8 28.6 43.0





#15

Acrylonitrile

Concen: 256.433 ug/l

RT: 4.94 min Scan# 984

Delta R.T. -0.01 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

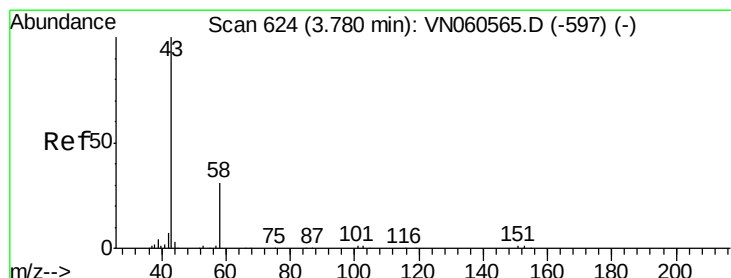
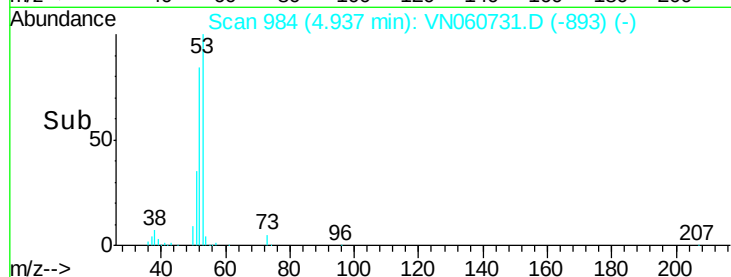
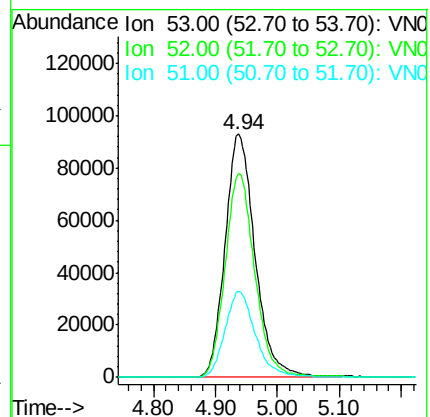
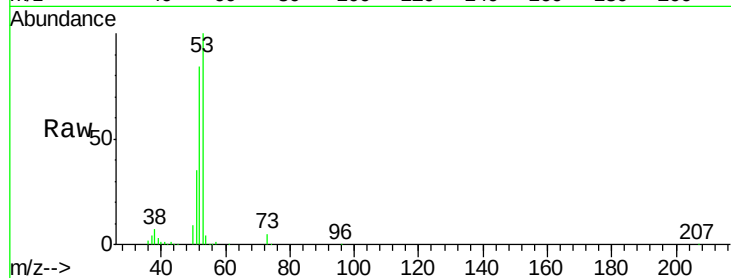
Tot Ion: 53 Resp: 313151

Ion Ratio Lower Upper

53 100

52 82.5 66.2 99.4

51 35.9 28.7 43.1



#16

Acetone

Concen: 342.542 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.01 min

Lab File: VN060731.D

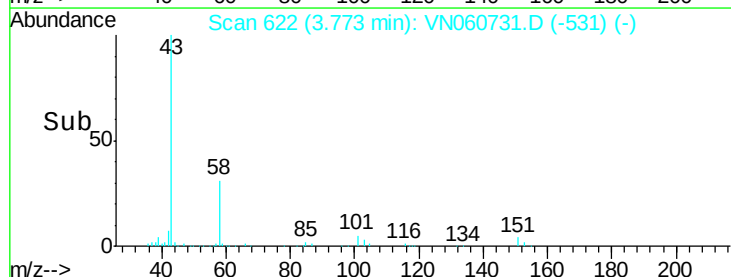
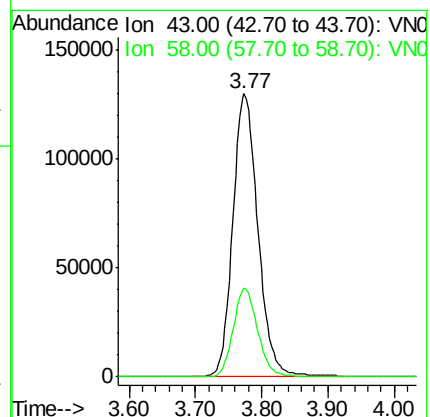
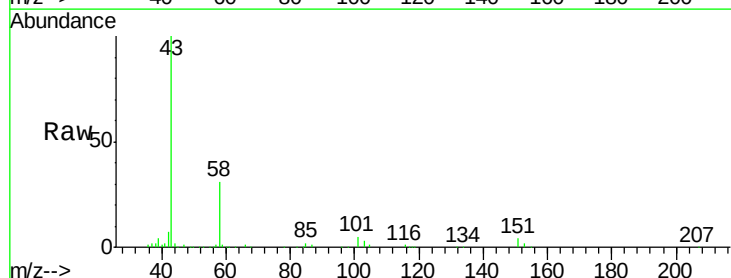
Acq: 27 Mar 2020 10:31

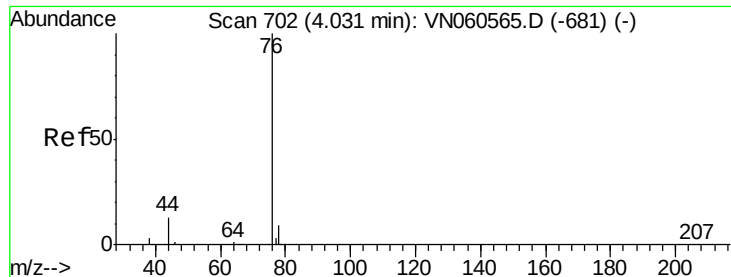
Tgt Ion: 43 Resp: 342621

Ion Ratio Lower Upper

43 100

58 31.3 25.1 37.7

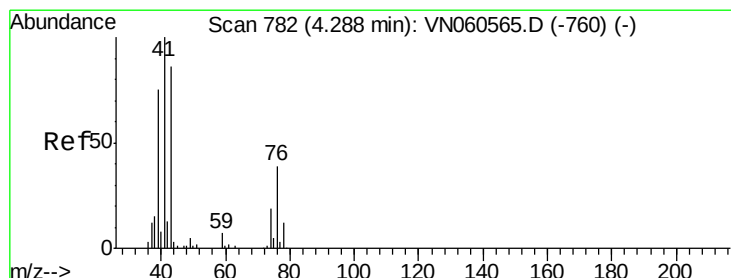
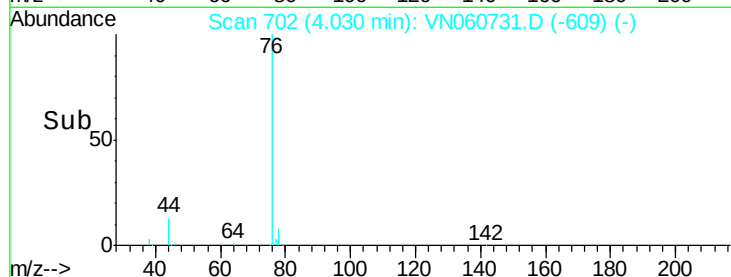
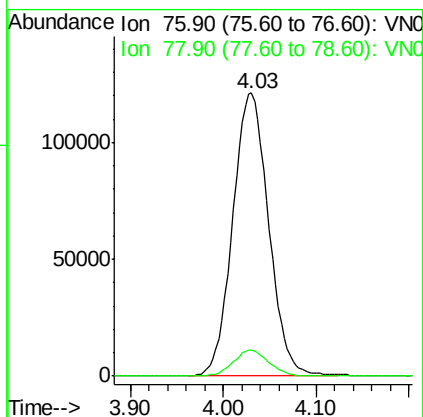
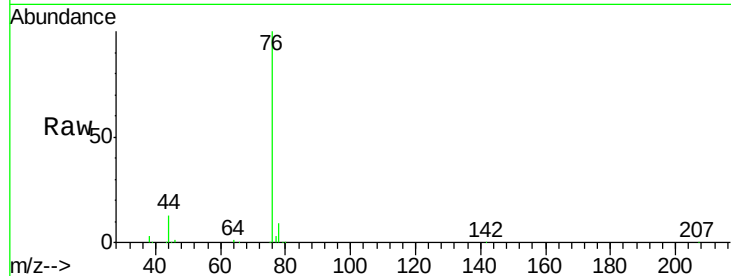




#17
Carbon Disulfide
Concen: 48.108 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

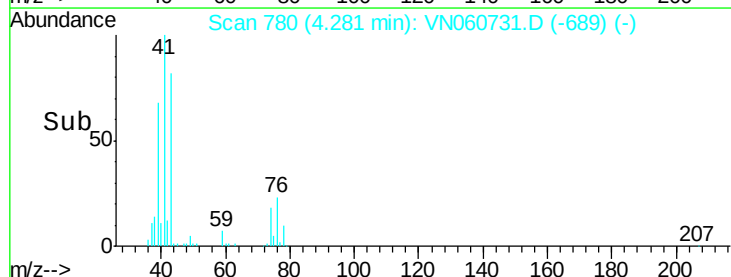
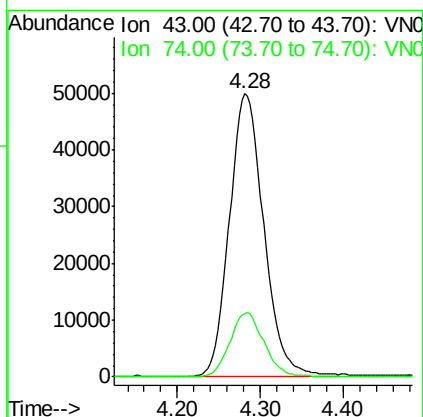
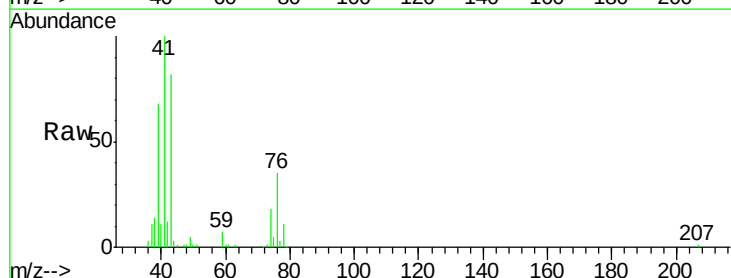
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

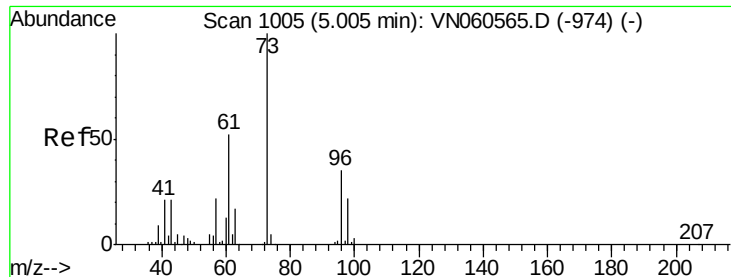
Tot Ion: 76 Resp: 325843
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 51.401 ug/l
RT: 4.28 min Scan# 780
Delta R.T. -0.01 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion: 43 Resp: 144715
Ion Ratio Lower Upper
43 100
74 22.5 17.5 26.3

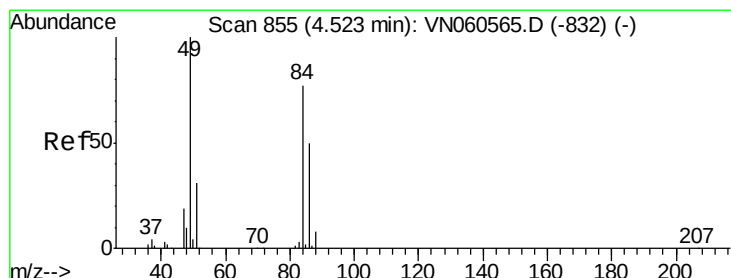
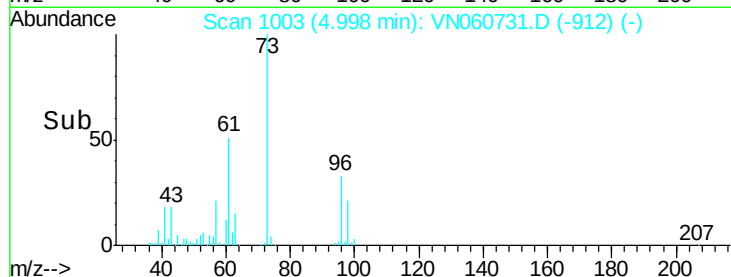
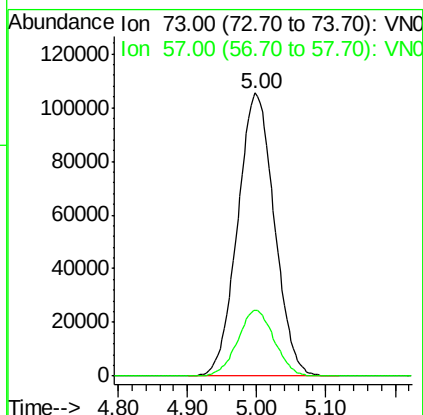
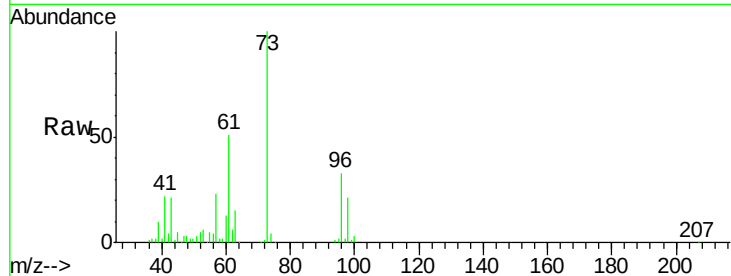




#19
Methvl tert-butvl Ether
Concen: 50.790 ug/l
RT: 5.00 min Scan# 1003
Delta R.T. -0.01 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

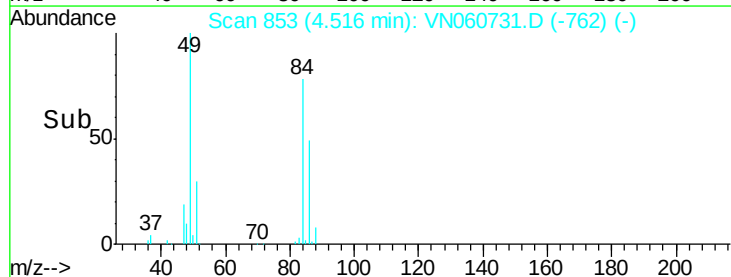
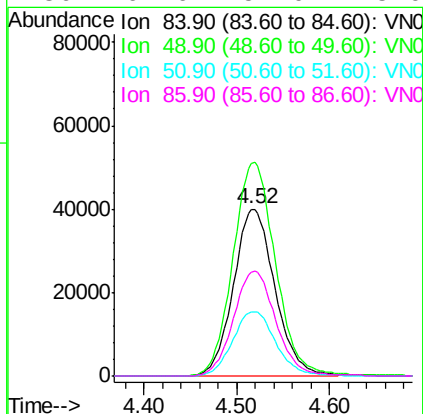
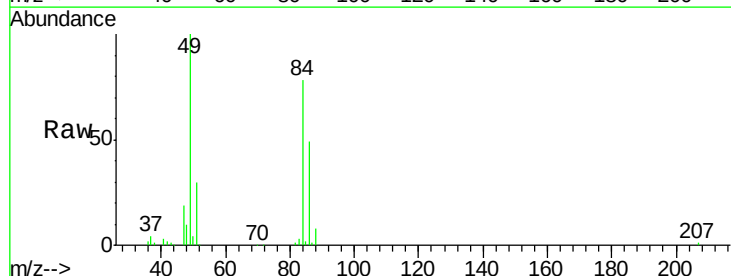
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

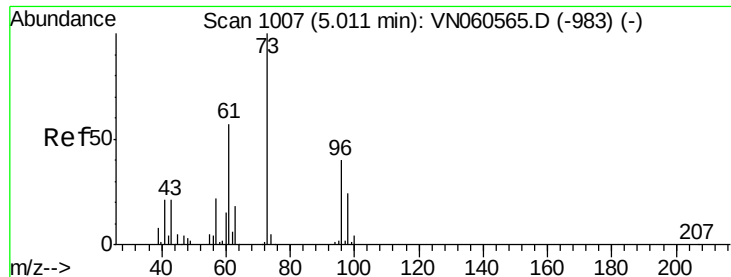
Tot Ion: 73 Resp: 388894
Ion Ratio Lower Upper
73 100
57 23.4 17.5 26.3



#20
Methylene Chloride
Concen: 50.552 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion: 84 Resp: 124385
Ion Ratio Lower Upper
84 100
49 128.0 103.3 154.9
51 38.3 31.6 47.4
86 62.6 52.0 78.0

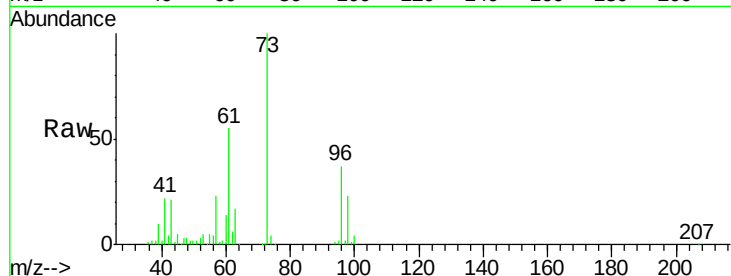




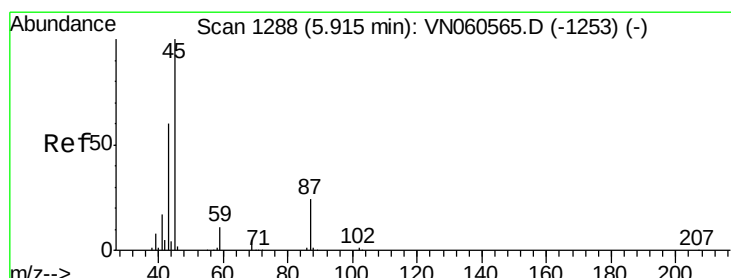
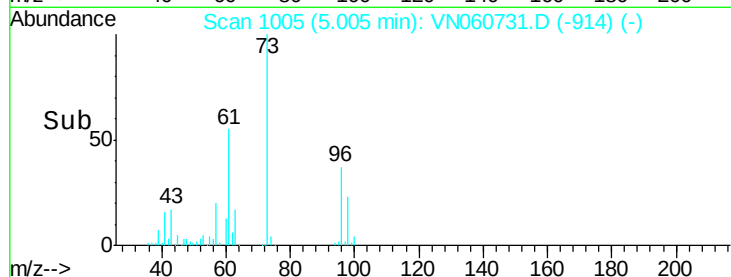
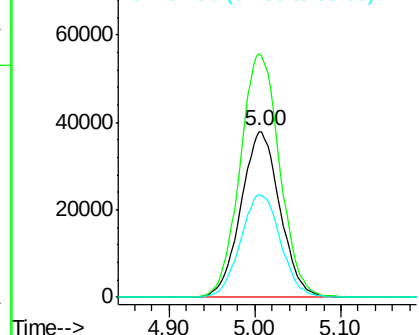
#21
trans-1,2-Dichloroethene
Concen: 50.493 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 119849
Ion Ratio Lower Upper
96 100
61 147.0 114.4 171.6
98 62.0 48.4 72.6

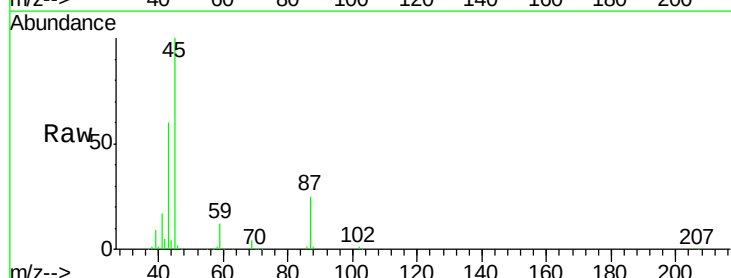


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

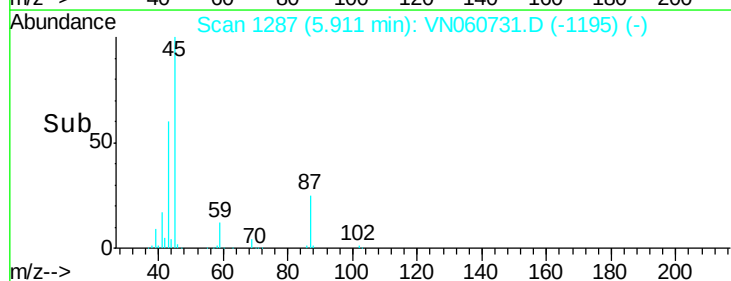
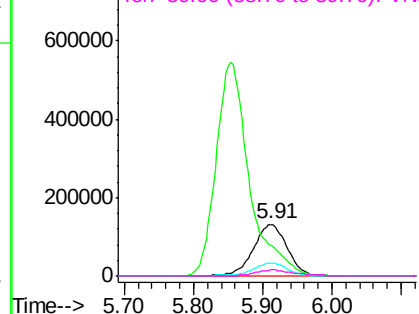


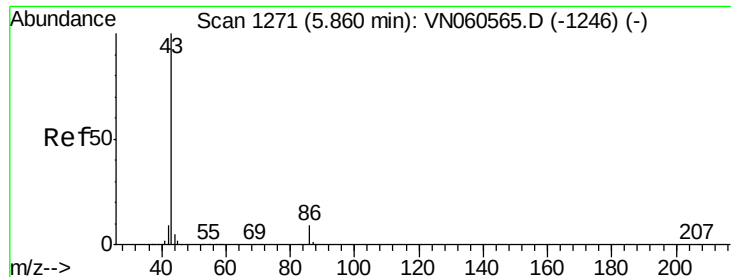
#22
Diisopropyl ether
Concen: 53.736 ug/l
RT: 5.91 min Scan# 1287
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion: 45 Resp: 444678
Ion Ratio Lower Upper
45 100
43 59.3 49.8 74.8
87 25.5 20.1 30.1
59 11.3 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

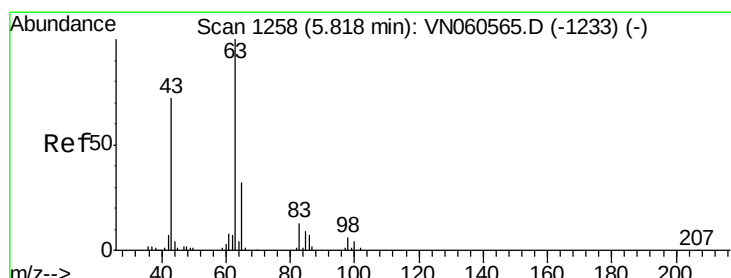
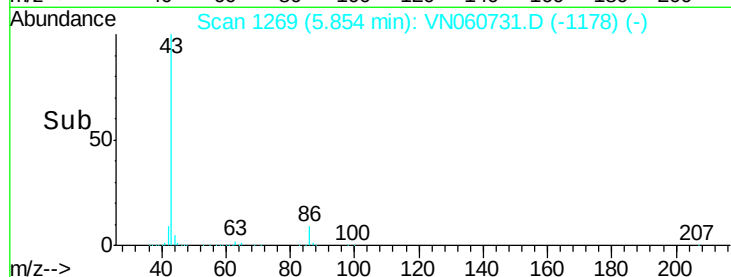
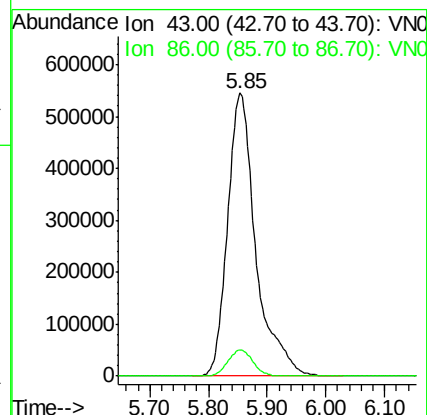
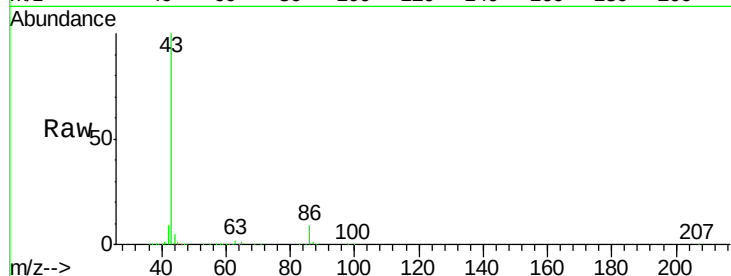




#23
 Vinyl Acetate
 Concen: 269.657 ug/l
 RT: 5.85 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

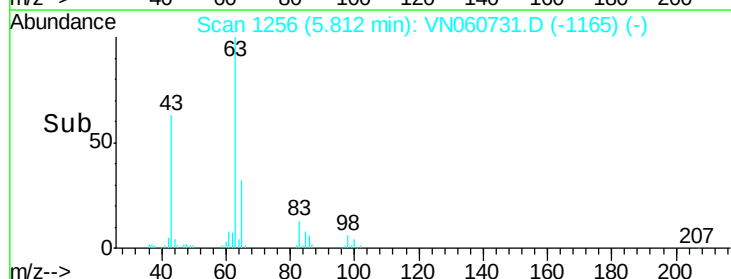
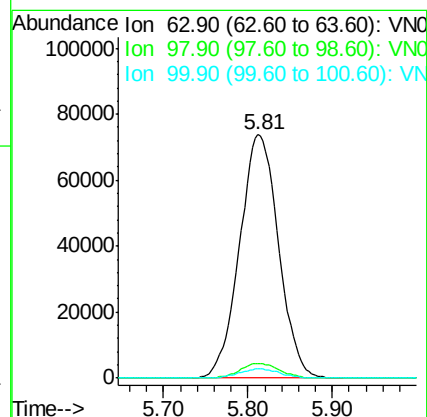
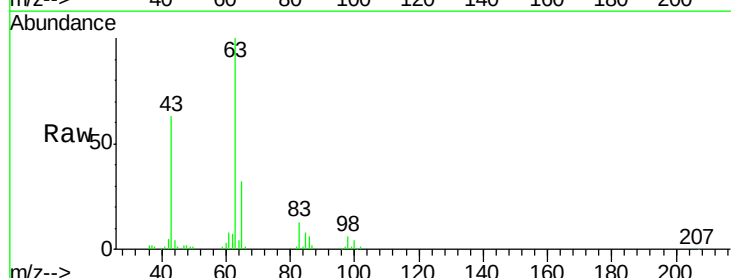
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

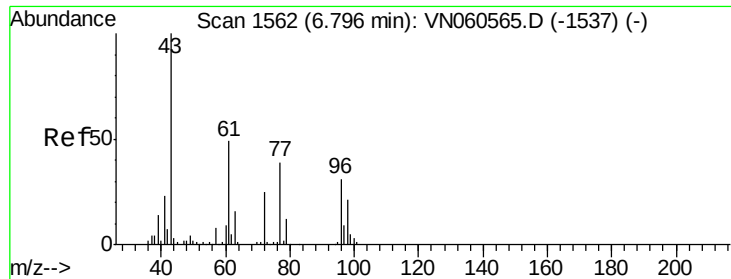
Tot Ion: 43 Resp: 1820694
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 52.477 ug/l
 RT: 5.81 min Scan# 1256
 Delta R.T. -0.01 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion: 63 Resp: 236736
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.7
 100 3.8 1.8 5.5

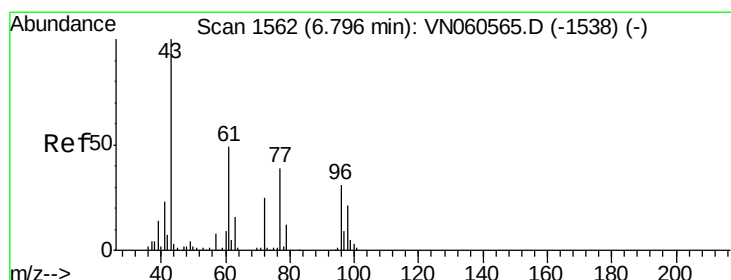
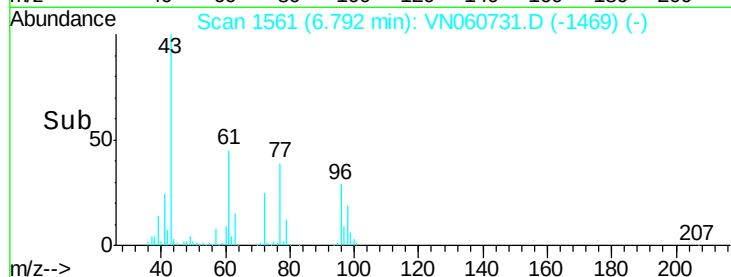
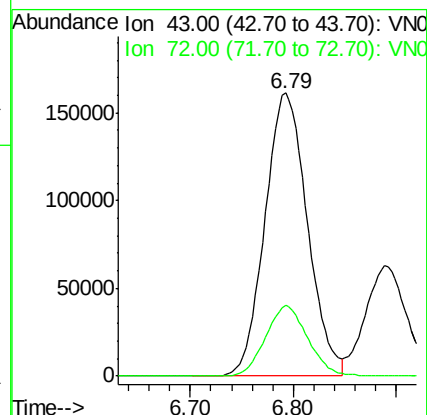
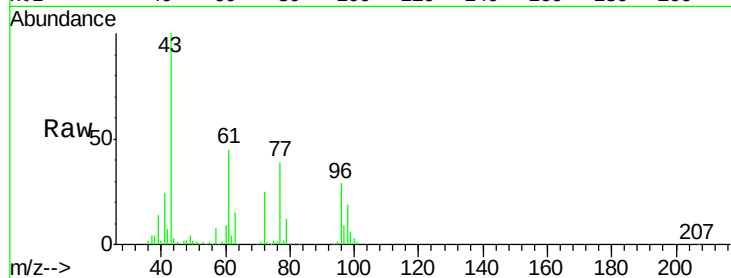




#25
 2-Butanone
 Concen: 285.003 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

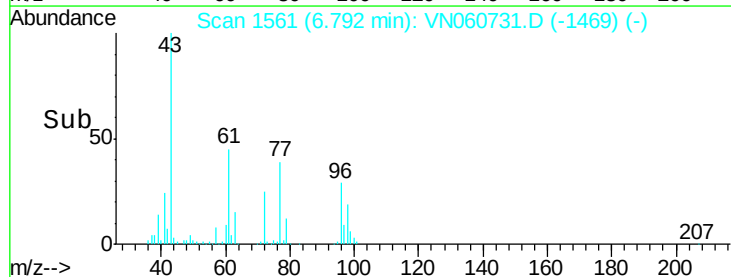
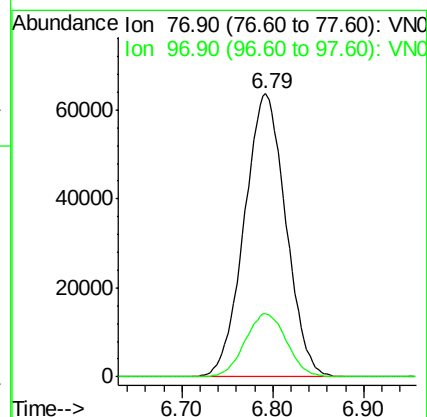
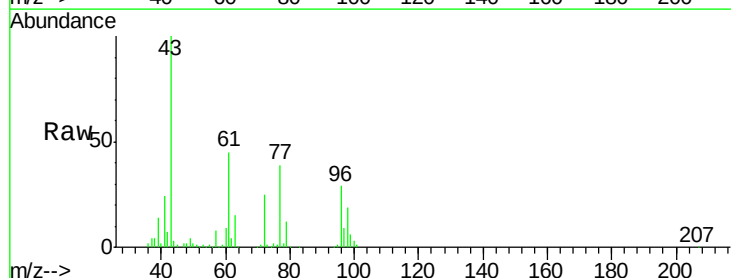
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

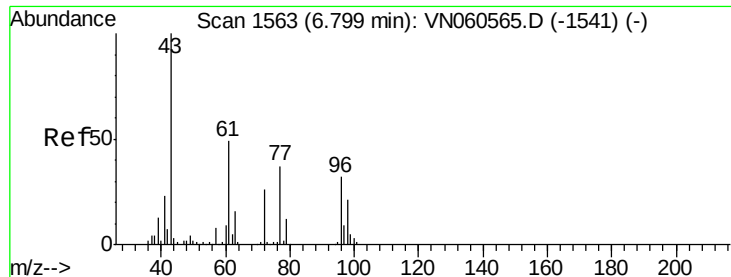
Tot Ion: 43 Resp: 461290
 Ion Ratio Lower Upper
 43 100
 72 25.0 20.4 30.6



#26
 2,2-Dichloropropane
 Concen: 56.783 ug/l
 RT: 6.79 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion: 77 Resp: 201545
 Ion Ratio Lower Upper
 77 100
 97 22.4 11.4 34.1

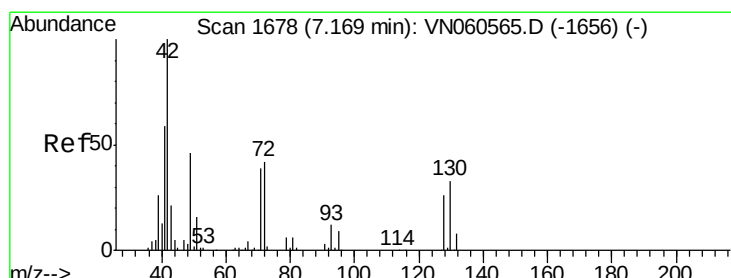
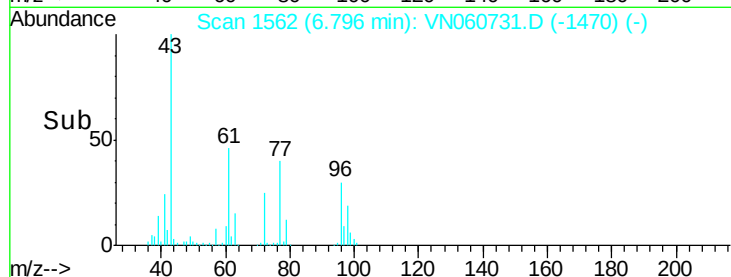
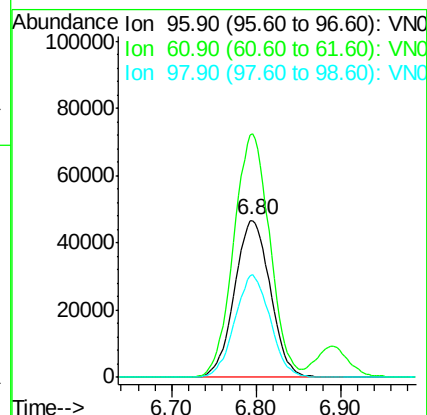
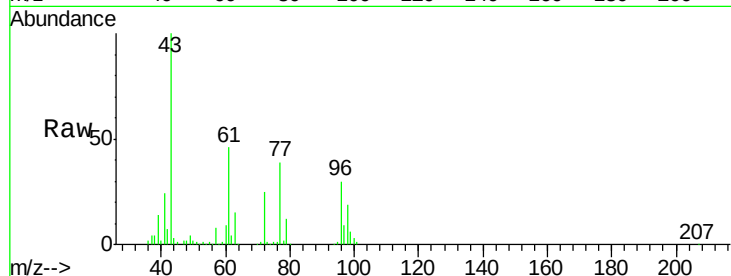




#27
 cis-1,2-Dichloroethene
 Concen: 51.124 ug/l
 RT: 6.80 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

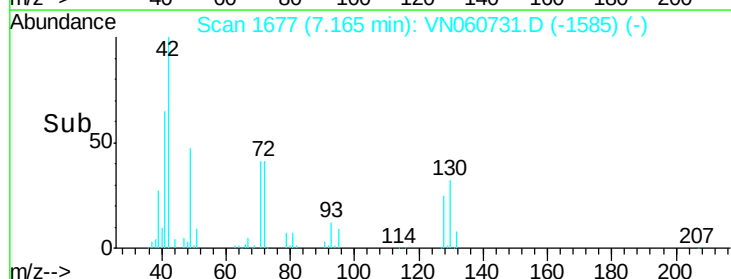
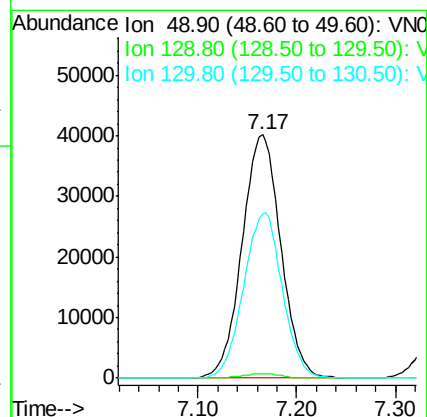
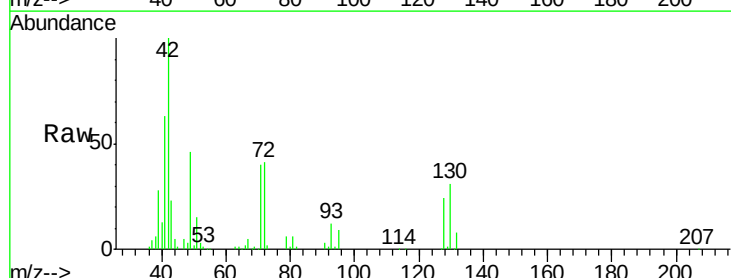
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

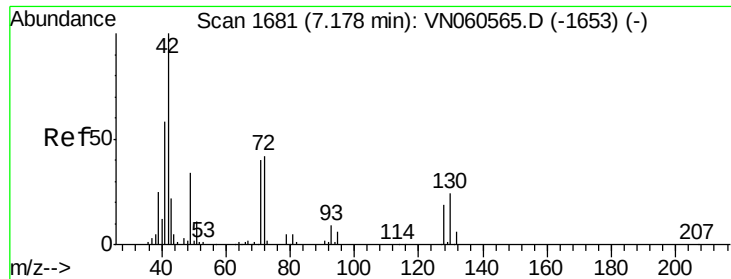
Tot Ion: 96 Resp: 137895
 Ion Ratio Lower Upper
 96 100
 61 156.2 0.0 305.6
 98 64.2 0.0 127.6



#28
 Bromochloromethane
 Concen: 50.625 ug/l
 RT: 7.17 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion: 49 Resp: 109268
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.4
 130 67.6 55.0 82.4

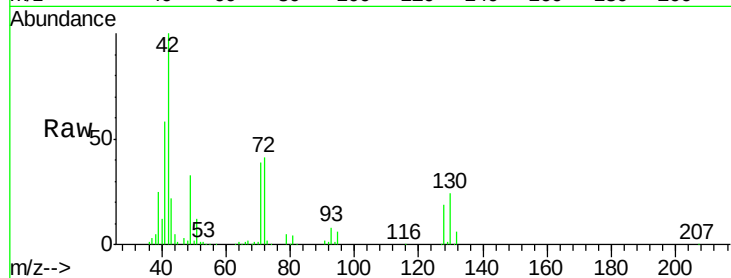




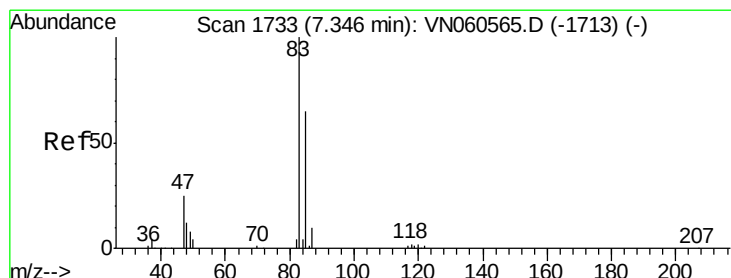
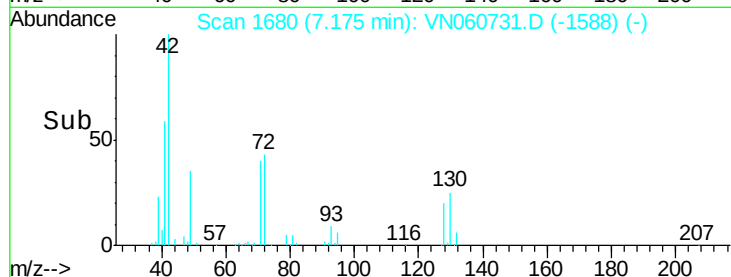
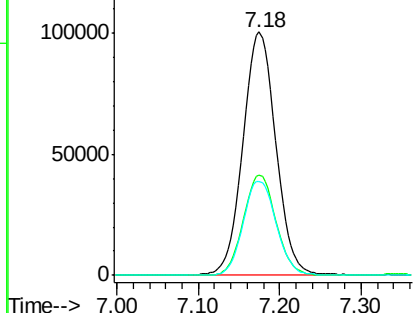
#29
Tetrahydrofuran
Concen: 244.820 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 280364
Ion Ratio Lower Upper
42 100
72 40.6 33.2 49.8
71 38.9 31.1 46.7

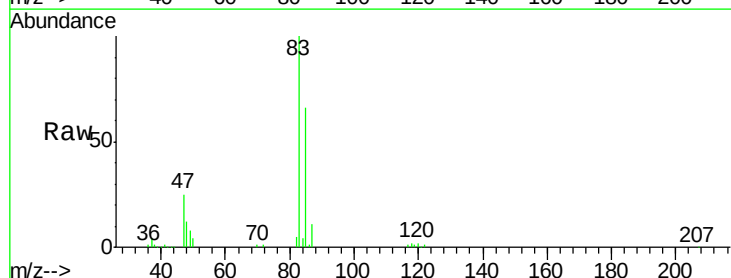


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

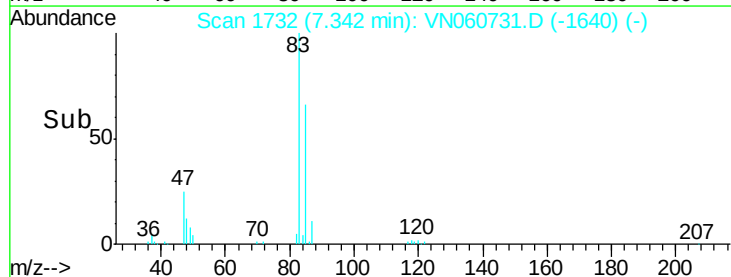
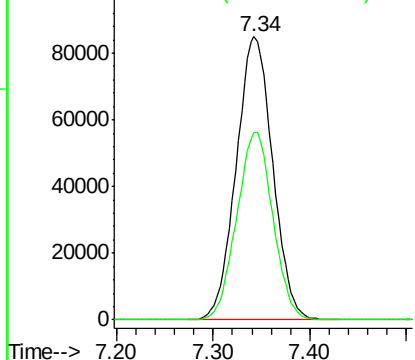


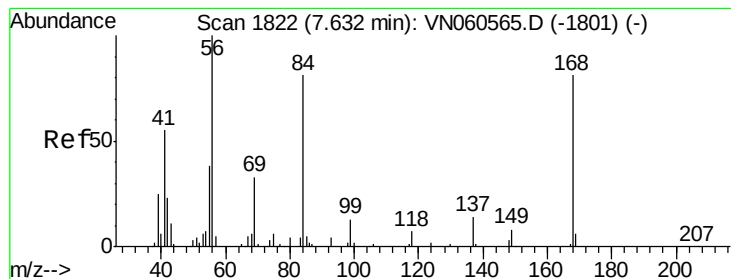
#30
Chloroform
Concen: 51.513 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion: 83 Resp: 222782
Ion Ratio Lower Upper
83 100
85 66.1 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: 49.134 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

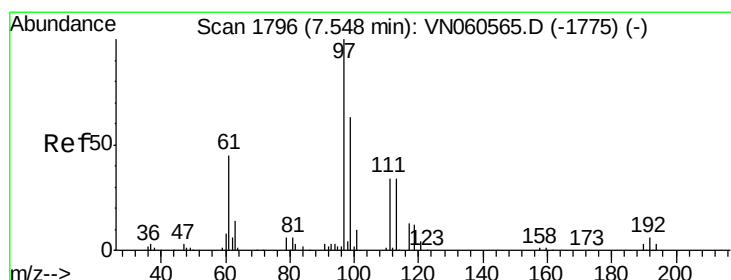
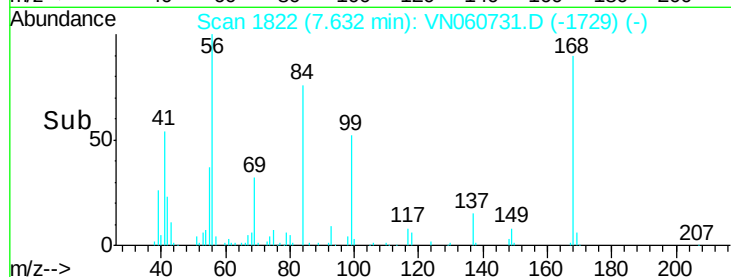
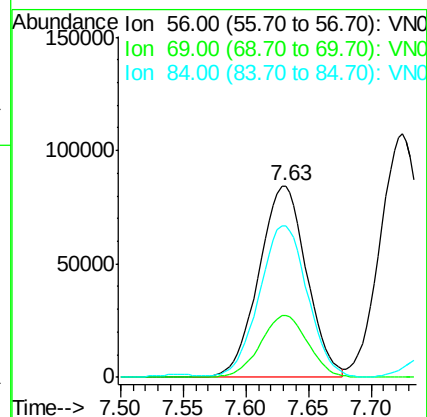
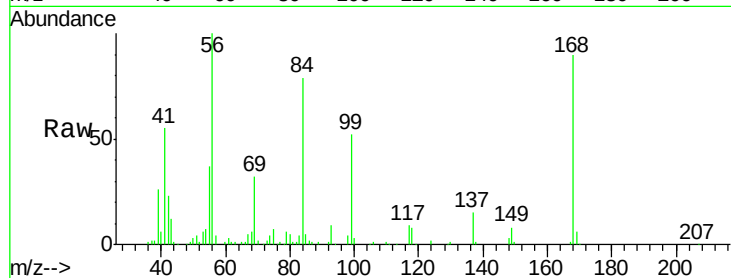
Tot Ion: 56 Resp: 223461

Ion Ratio Lower Upper

56 100

69 32.3 26.6 40.0

84 78.0 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 51.762 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

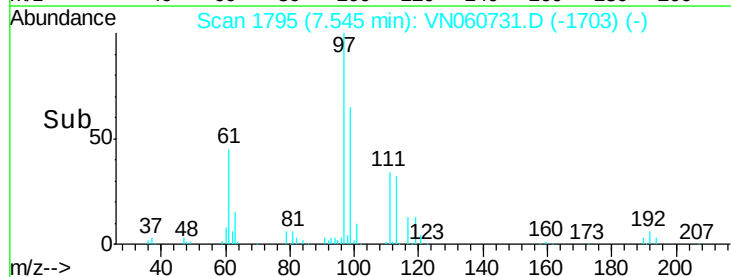
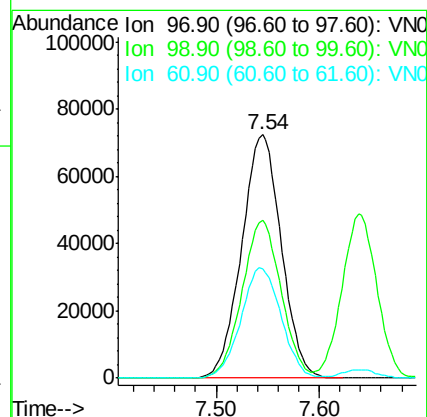
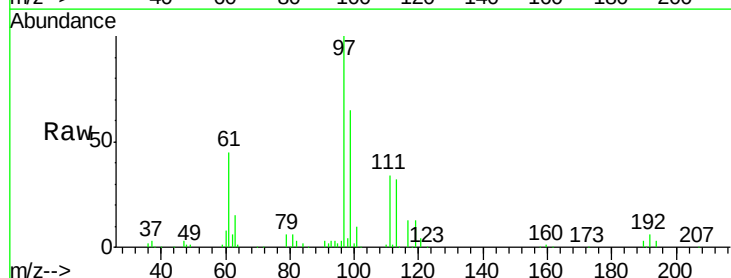
Tgt Ion: 97 Resp: 192979

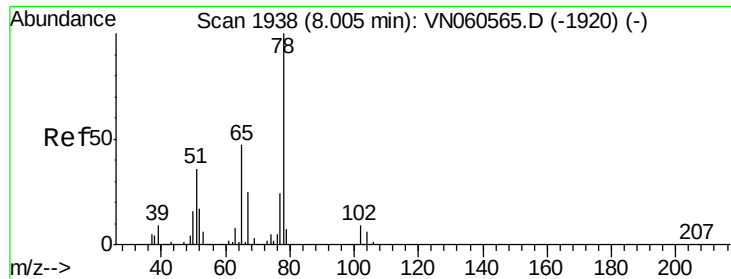
Ion Ratio Lower Upper

97 100

99 64.0 50.6 75.8

61 45.8 36.2 54.4

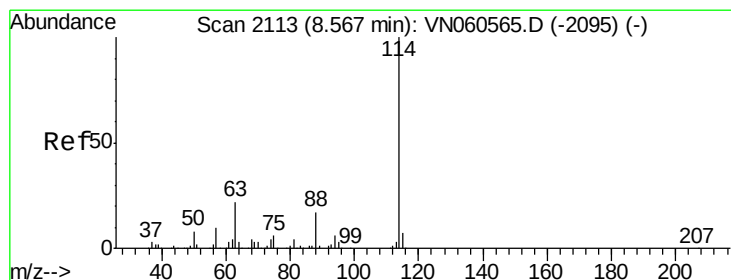
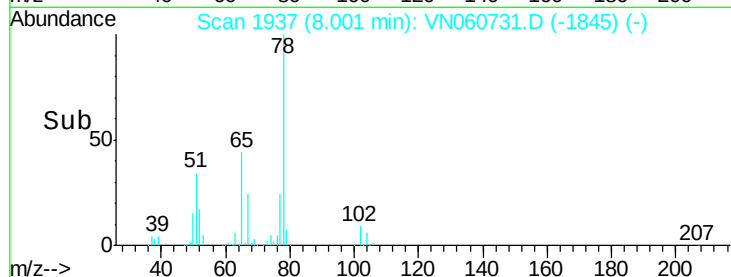
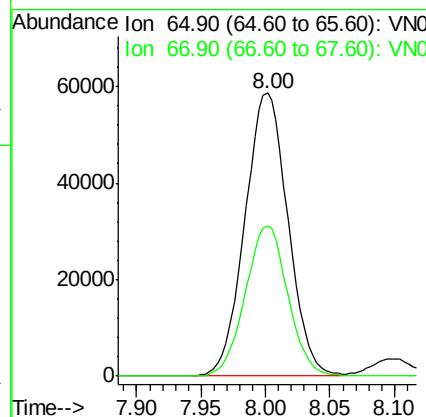
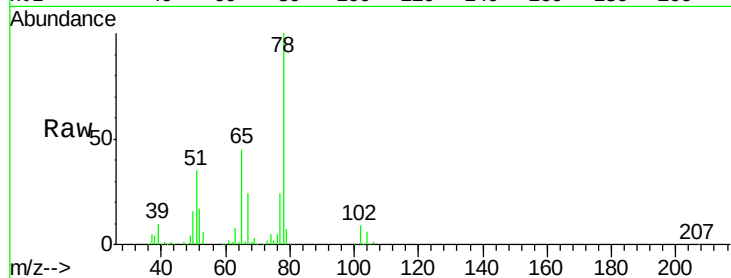




#33
 1,2-Dichloroethane-d4
 Concen: 48.352 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

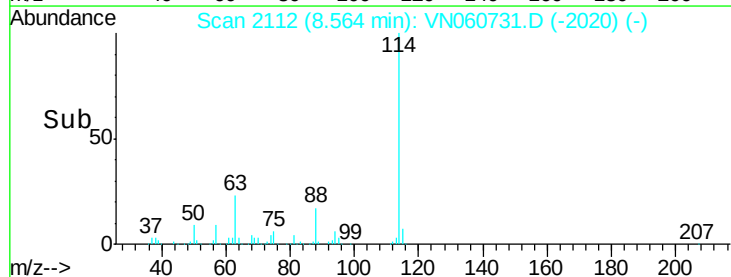
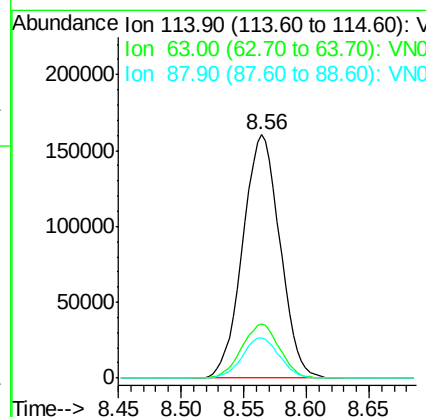
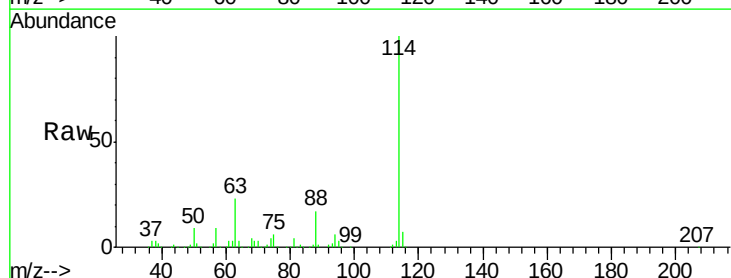
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

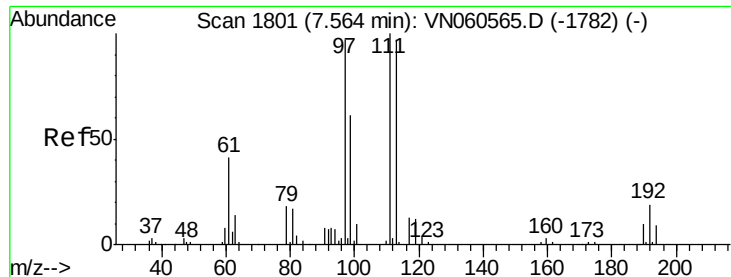
Tot Ion: 65 Resp: 136534
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion: 114 Resp: 331639
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.8
 88 16.5 0.0 33.0

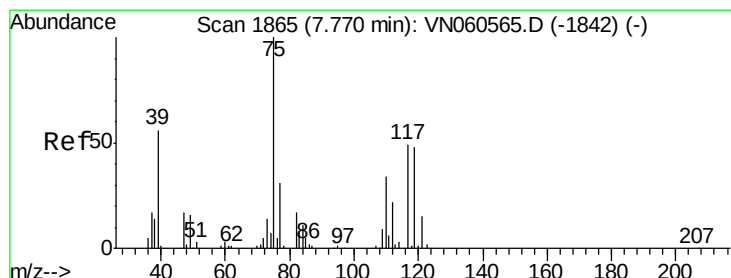
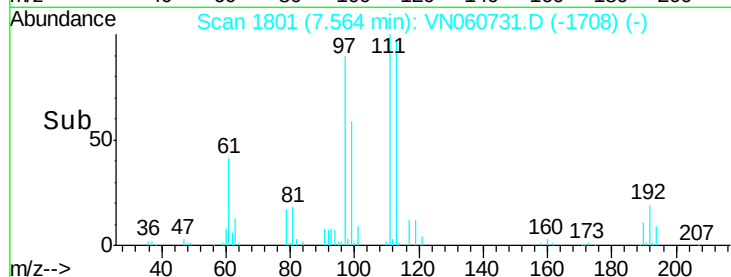
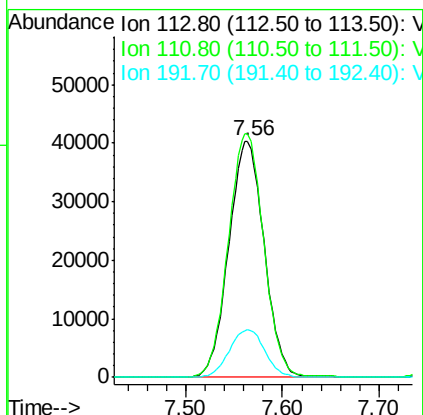
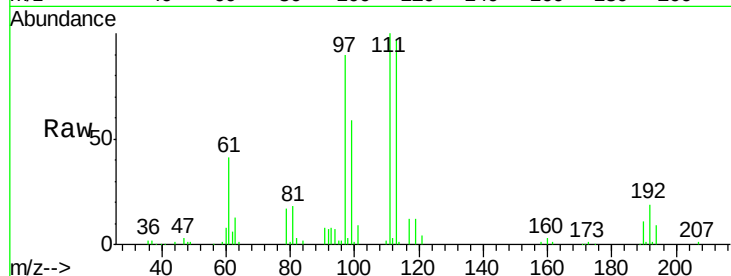




#35
 Dibromofluoromethane
 Concen: 51.169 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

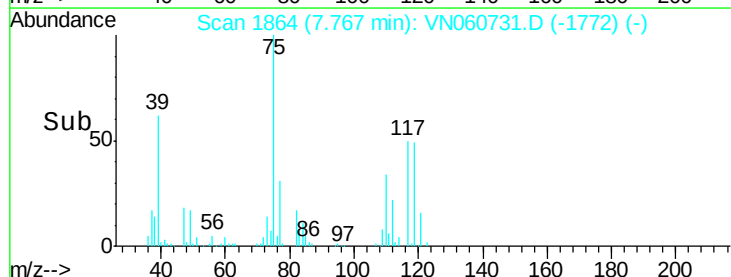
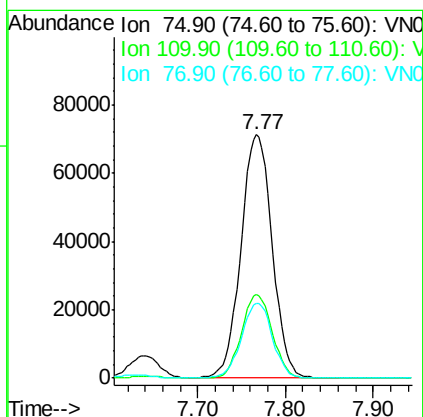
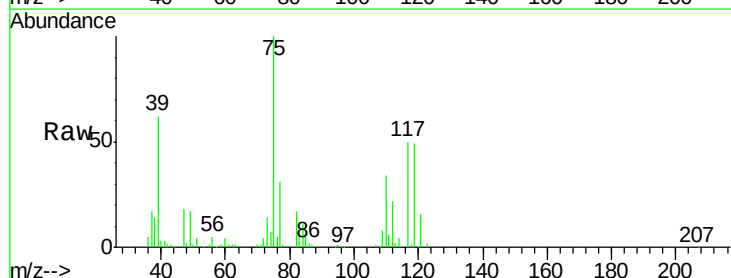
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

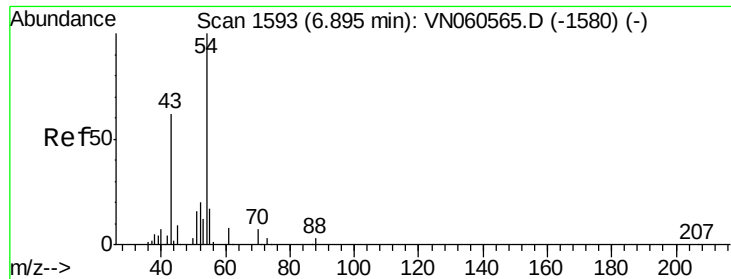
Tot Ion:113 Resp: 102610
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.9 124.3
 192 20.2 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 55.002 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion: 75 Resp: 176629
 Ion Ratio Lower Upper
 75 100
 110 33.5 16.9 50.6
 77 30.5 24.6 36.8

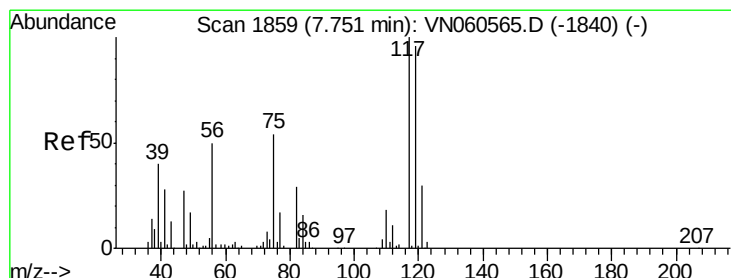
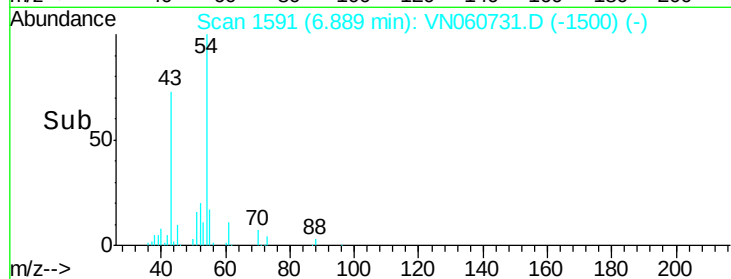
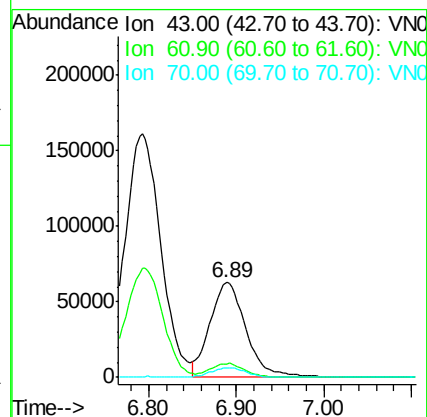
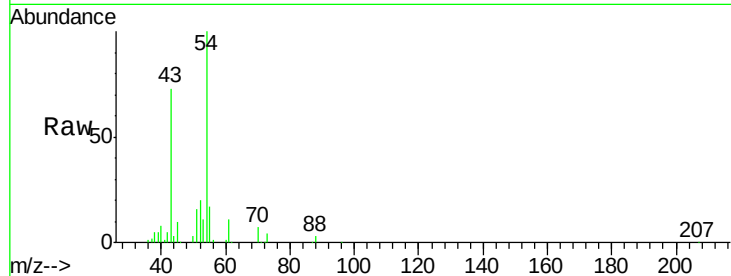




#37
Ethyl Acetate
Concen: 51.121 ug/l
RT: 6.89 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

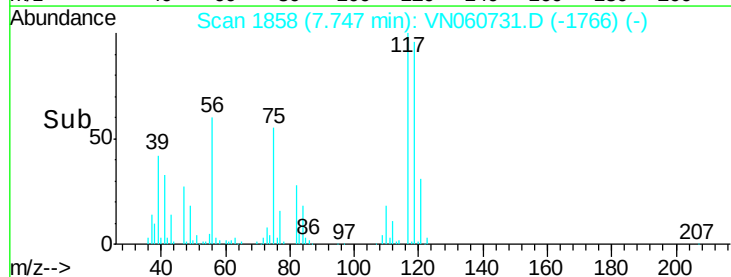
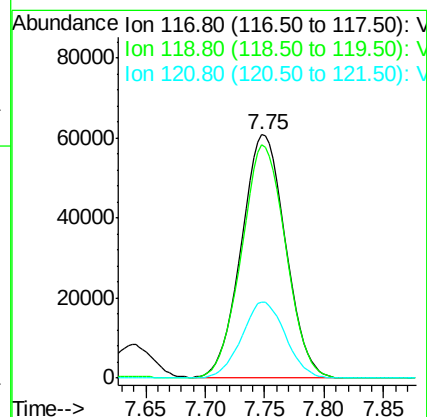
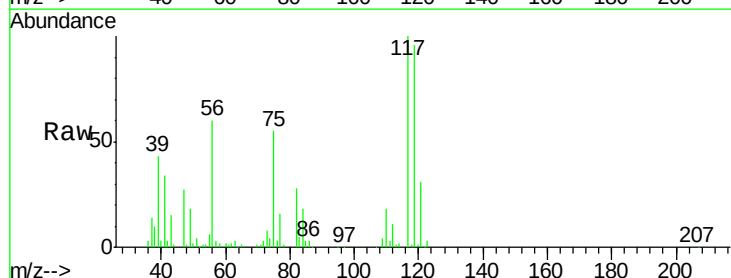
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

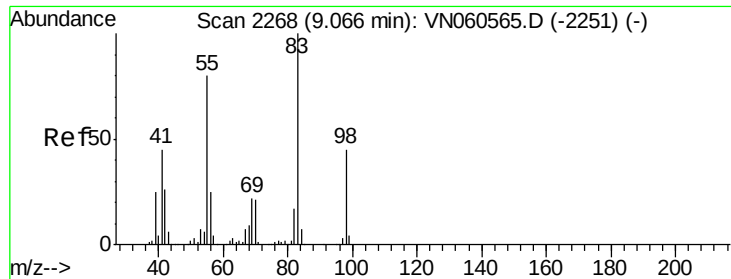
Tot Ion: 43 Resp: 177384
Ion Ratio Lower Upper
43 100
61 14.2 10.6 15.8
70 10.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 54.545 ug/l
RT: 7.75 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion: 117 Resp: 156987
Ion Ratio Lower Upper
117 100
119 95.8 76.2 114.2
121 31.3 23.7 35.5

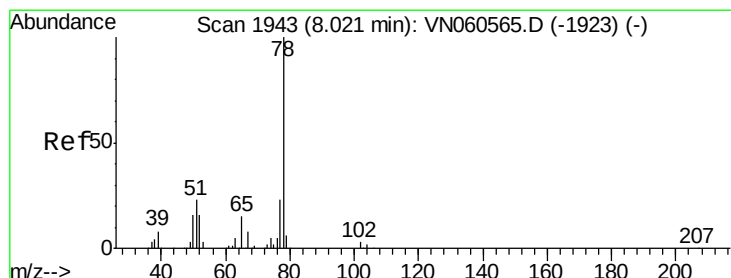
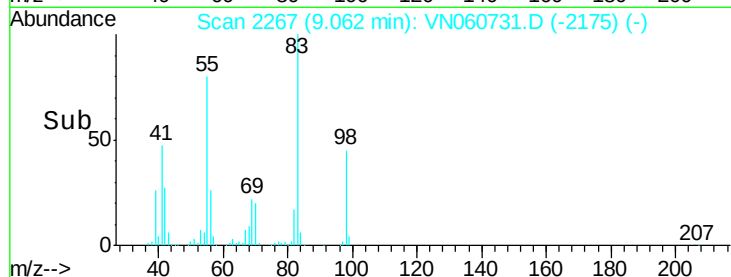
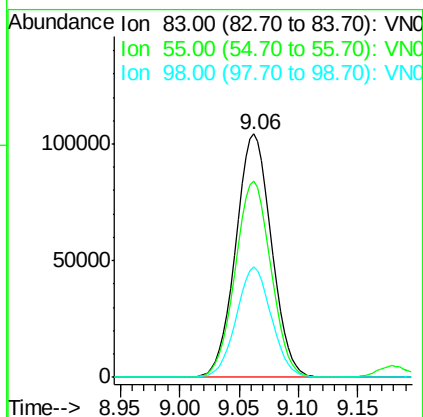
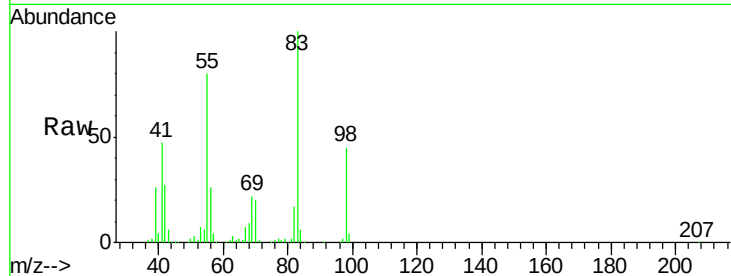




#39
Methylvlcyclohexane
Concen: 56.952 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

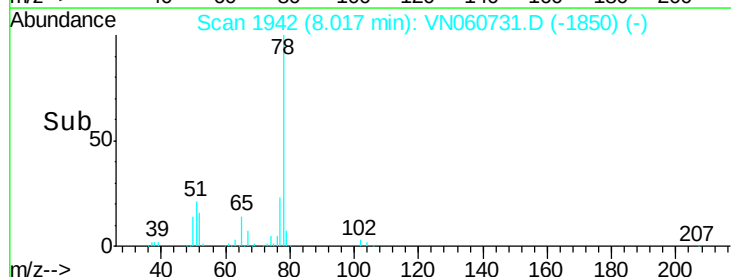
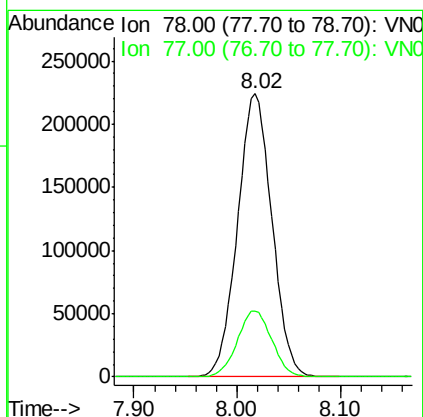
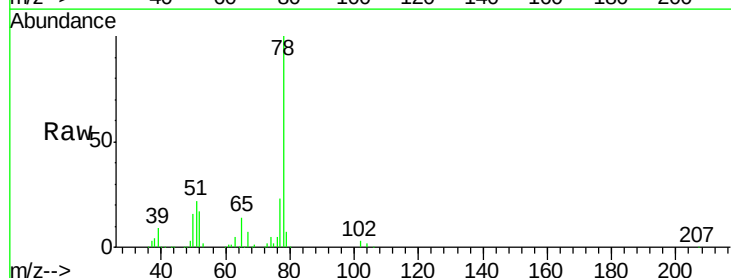
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

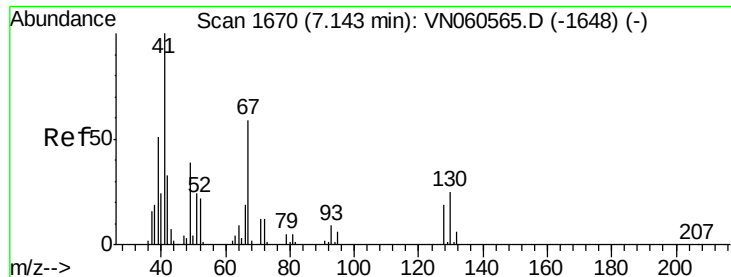
Tot Ion: 83 Resp: 217340
Ion Ratio Lower Upper
83 100
55 80.4 63.6 95.4
98 45.2 36.0 54.0



#40
Benzene
Concen: 53.548 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion: 78 Resp: 519104
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0

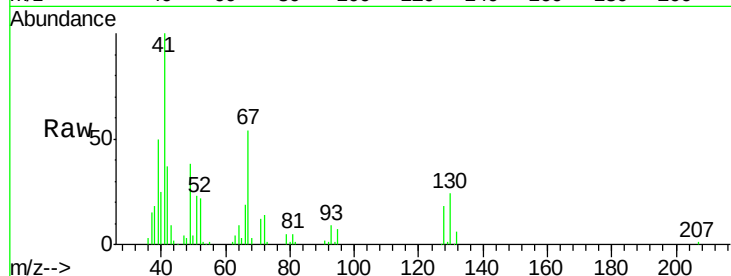




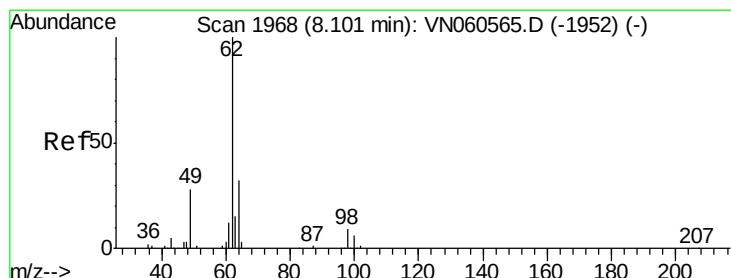
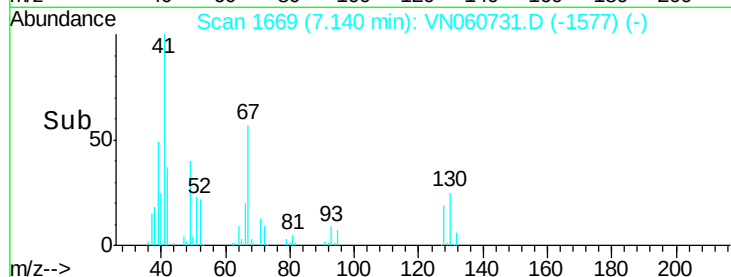
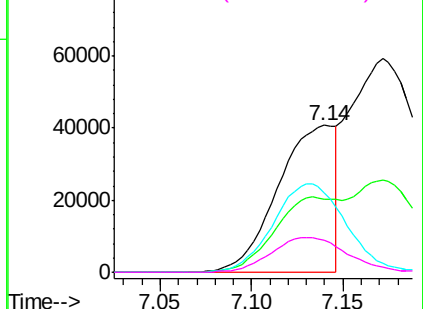
#41
Methacrylonitrile
Concen: 60.579 ug/l m
RT: 7.14 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	89708
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

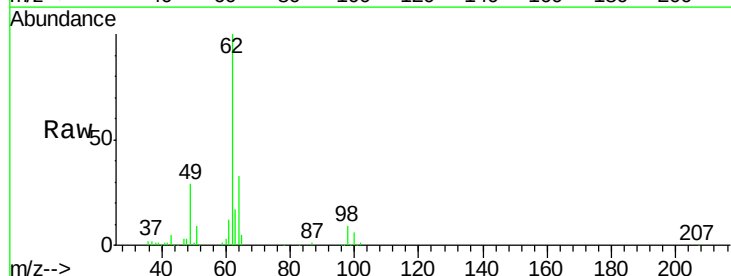


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

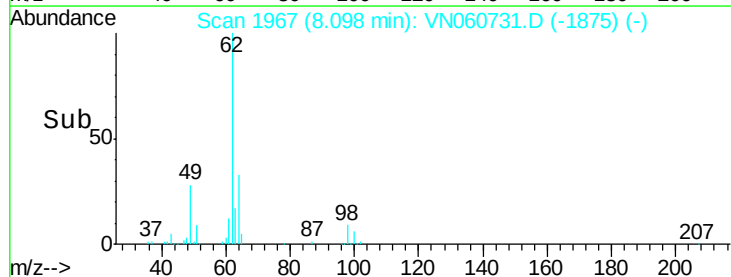
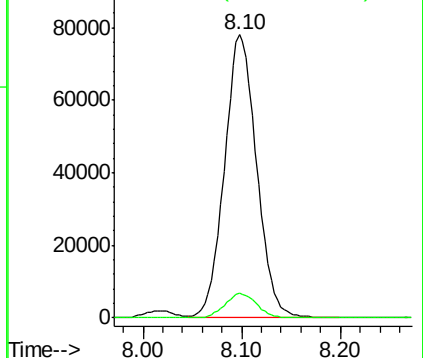


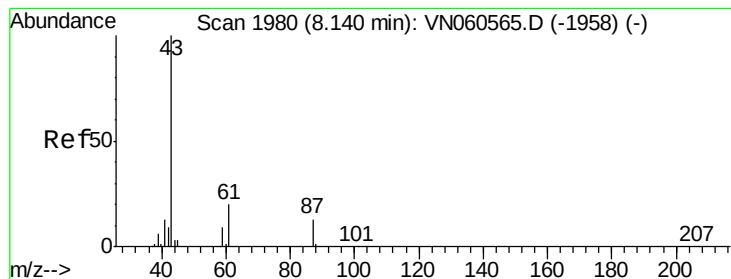
#42
1,2-Dichloroethane
Concen: 53.746 ug/l
RT: 8.10 min Scan# 1967
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion:	62	Resp:	178058
Ion	Ratio	Lower	Upper
62	100		
98	8.5	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: 53.361 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

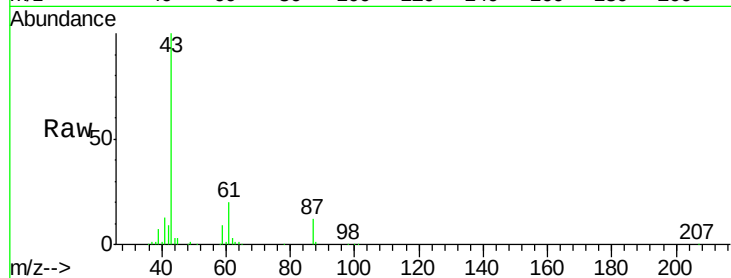
Tot Ion: 43 Resp: 305358

Ion Ratio Lower Upper

43 100

61 25.8 20.7 31.1

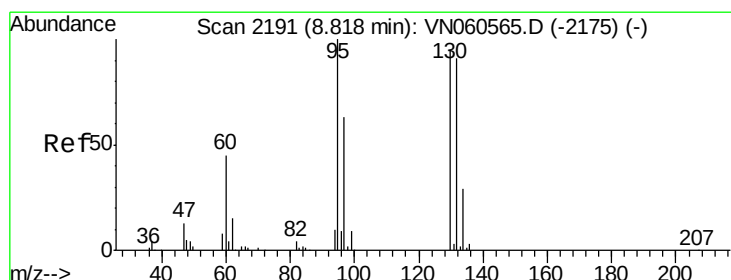
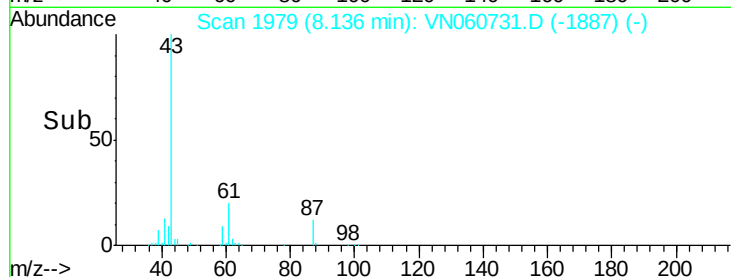
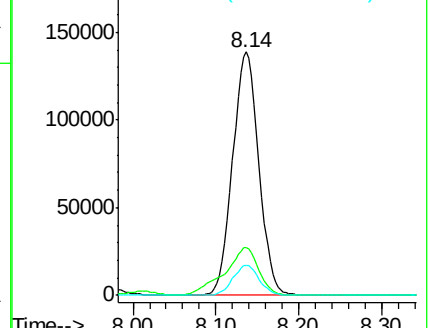
87 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060731.D (-1979) (-)

Ion 61.00 (60.70 to 61.70): VN060731.D (-1979) (-)

Ion 87.00 (86.70 to 87.70): VN060731.D (-1979) (-)



#44

Trichloroethene

Concen: 53.940 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. -0.00 min

Lab File: VN060731.D

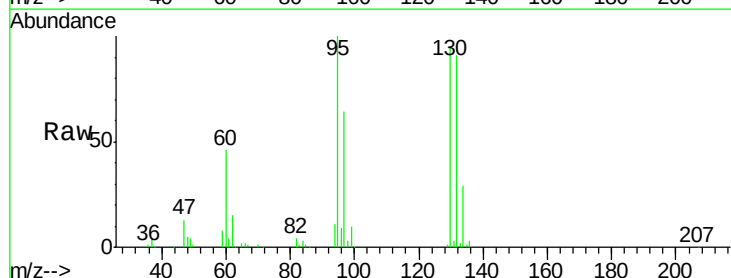
Acq: 27 Mar 2020 10:31

Tgt Ion:130 Resp: 131817

Ion Ratio Lower Upper

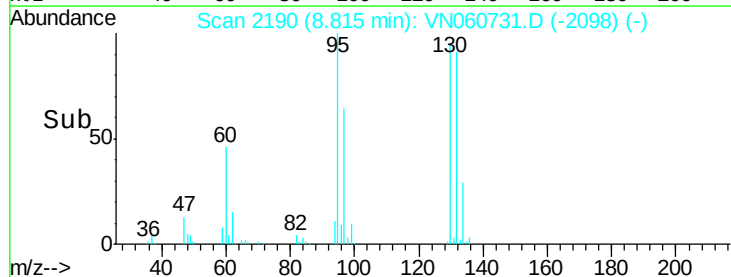
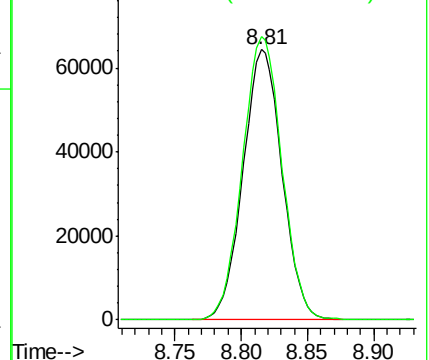
130 100

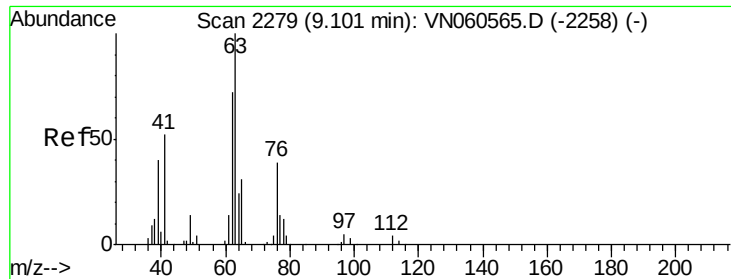
95 104.8 0.0 211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060731.D (-2190) (-)

Ion 94.90 (94.60 to 95.60): VN060731.D (-2190) (-)

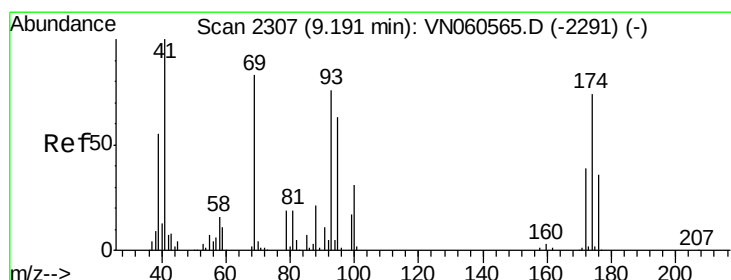
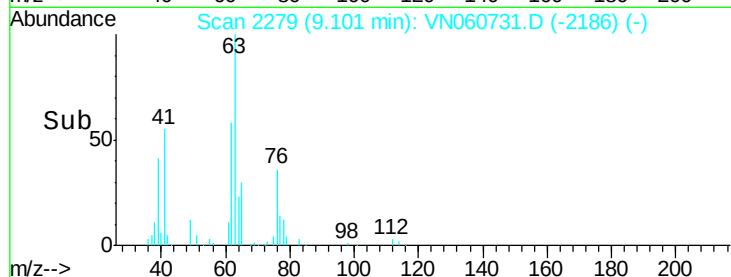
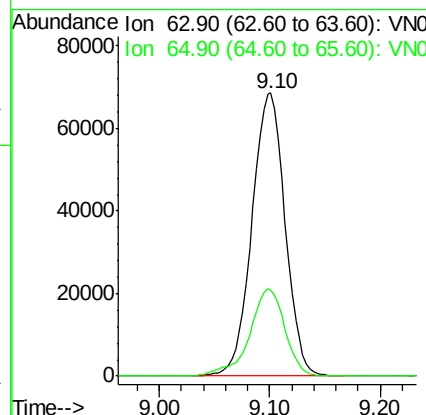
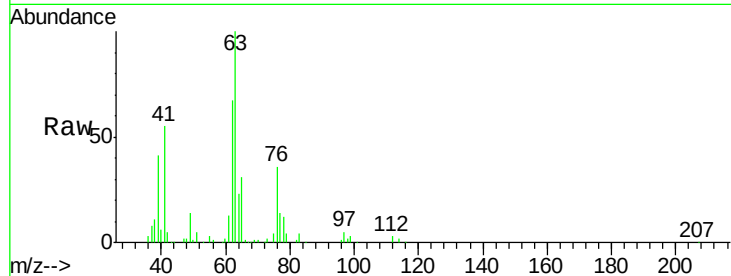




#45
 1,2-Dichloropropane
 Concen: 55.815 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

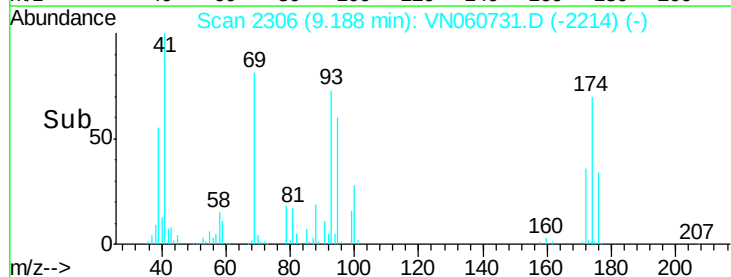
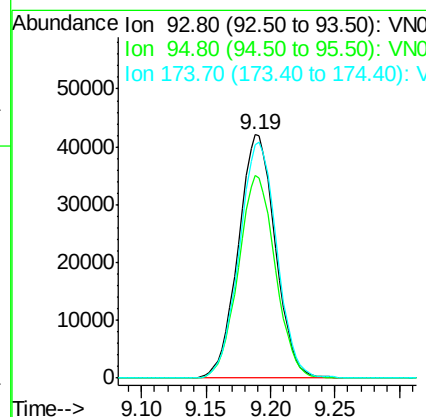
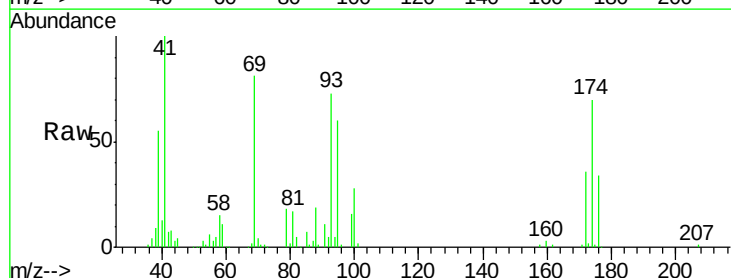
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

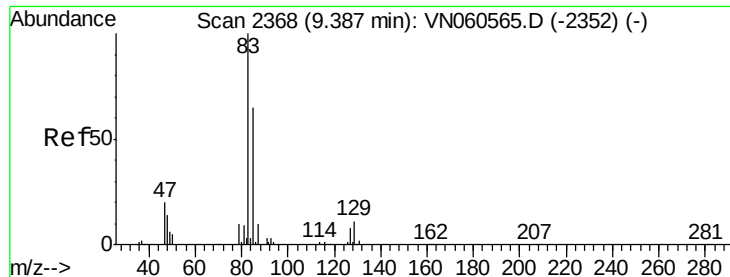
Tot Ion: 63 Resp: 142772
 Ion Ratio Lower Upper
 63 100
 65 30.5 25.4 38.0



#46
 Dibromomethane
 Concen: 54.436 ug/l
 RT: 9.19 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion: 93 Resp: 84182
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.2 99.4
 174 98.1 77.9 116.9





#47

Bromodichloromethane

Concen: 55.392 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

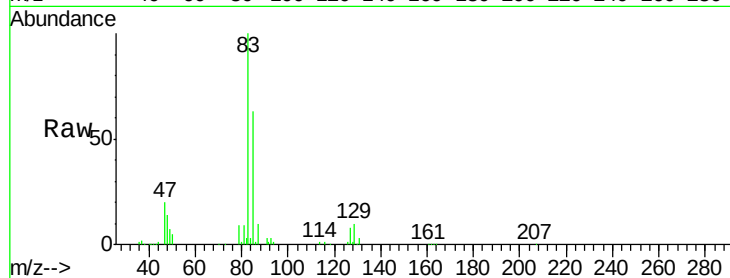
Tot Ion: 83 Resp: 178002

Ion Ratio Lower Upper

83 100

85 63.1 51.8 77.6

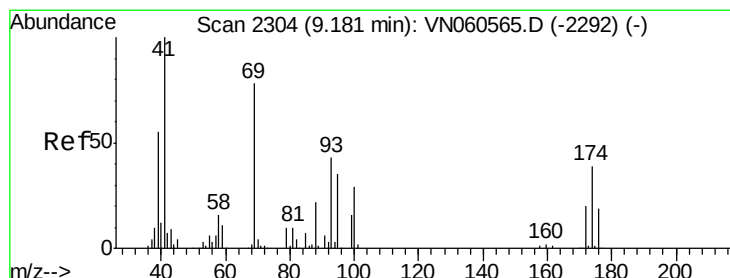
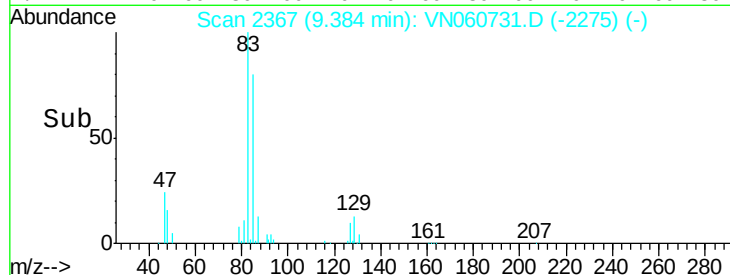
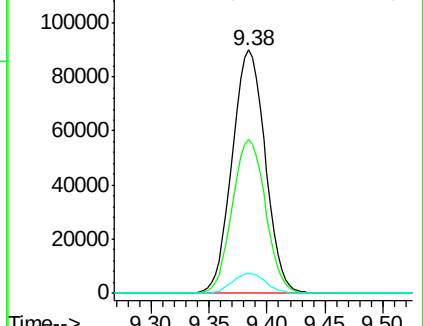
127 8.0 6.5 9.7



Abundance Ion 82.90 (82.60 to 83.60): VN060731.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN060731.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN060731.D (-2275) (-)



#48

Methyl methacrylate

Concen: 53.578 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

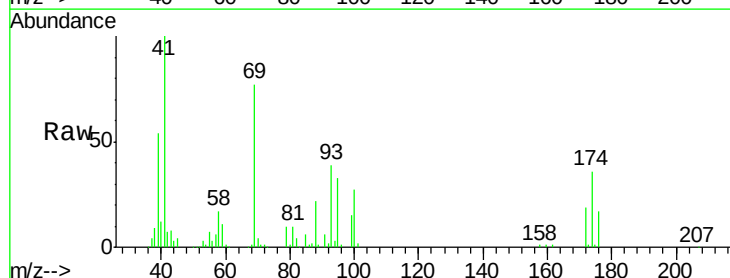
Tgt Ion: 41 Resp: 136508

Ion Ratio Lower Upper

41 100

69 81.6 65.4 98.0

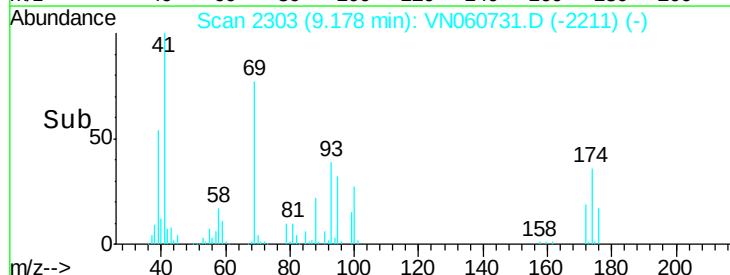
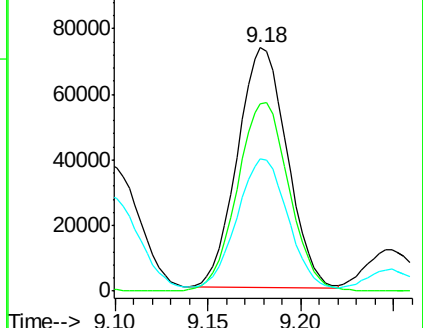
39 54.6 44.0 66.0

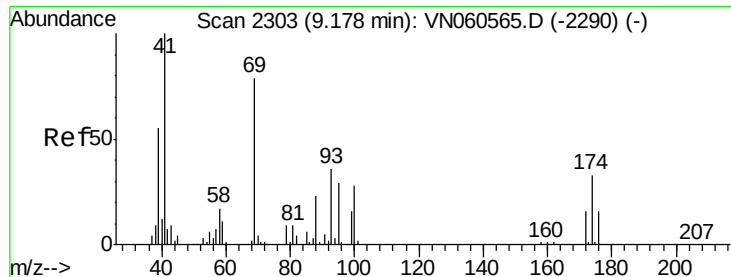


Abundance Ion 41.00 (40.70 to 41.70): VN060731.D (-2211) (-)

Ion 69.00 (68.70 to 69.70): VN060731.D (-2211) (-)

Ion 39.00 (38.70 to 39.70): VN060731.D (-2211) (-)

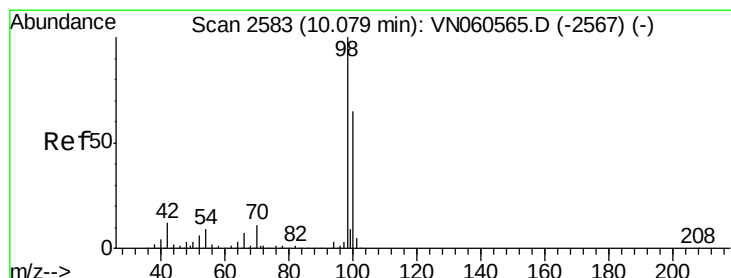
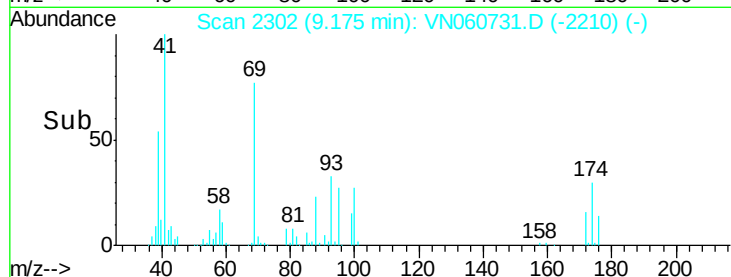
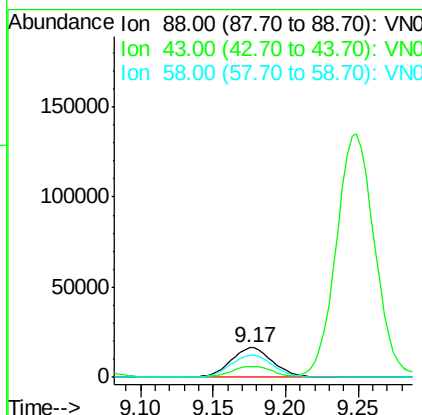
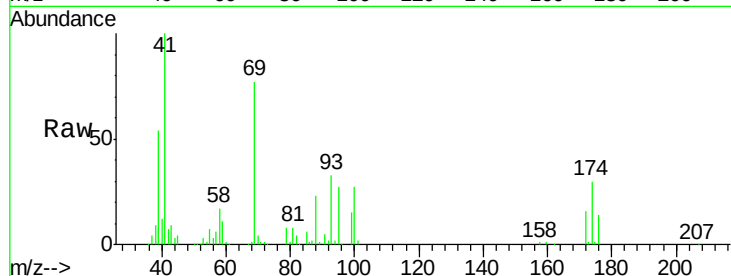




#49
1,4-Dioxane
Concen: 1091.245 ug/l
RT: 9.17 min Scan# 2302
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

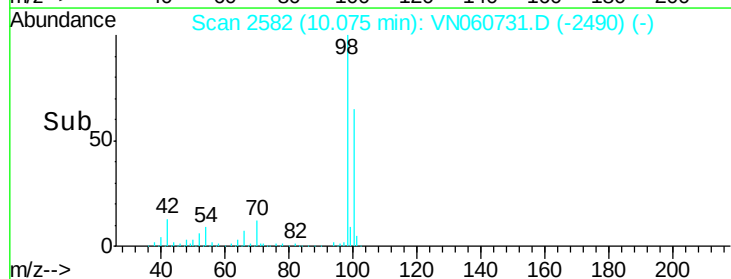
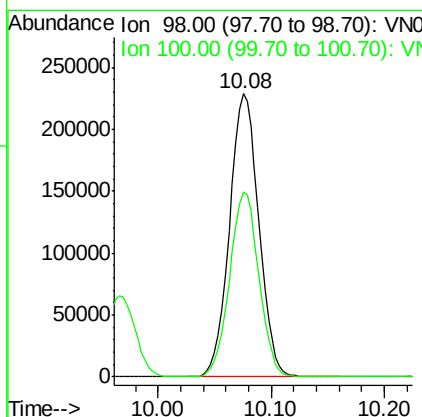
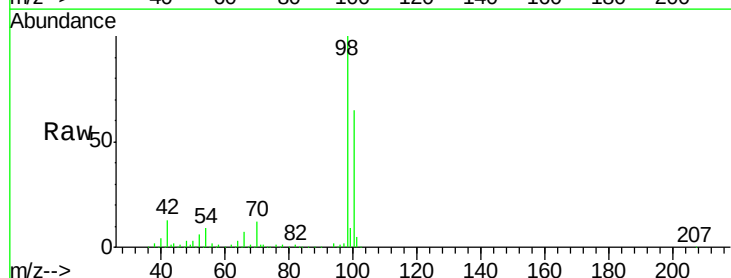
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

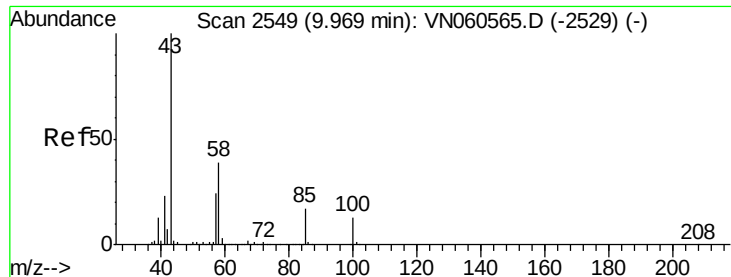
Tot Ion: 88 Resp: 33047
Ion Ratio Lower Upper
88 100
43 37.0 30.8 46.2
58 75.2 59.8 89.8



#50
Toluene-d8
Concen: 50.201 ug/l
RT: 10.08 min Scan# 2582
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion: 98 Resp: 411189
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.8

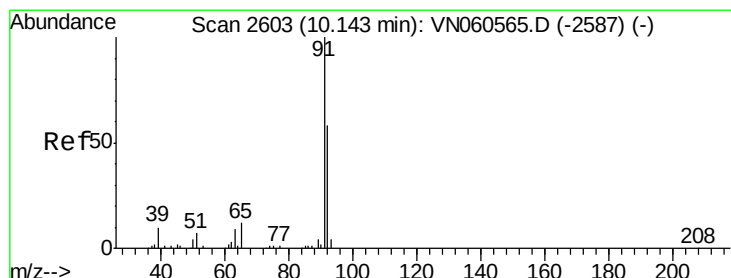
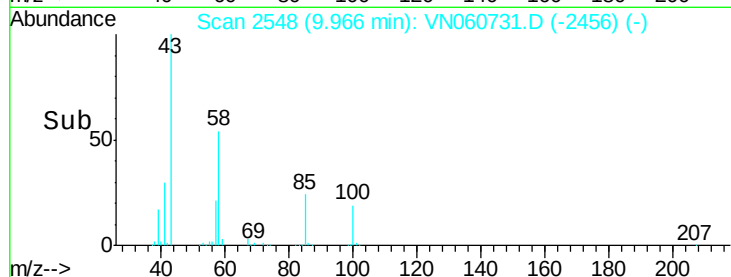
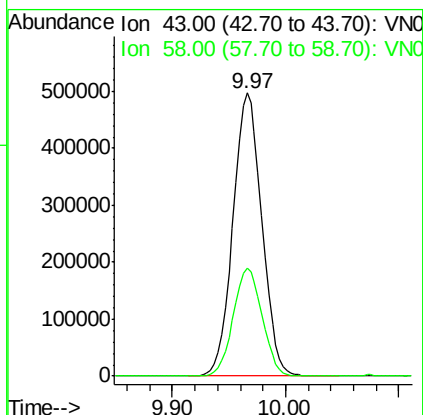
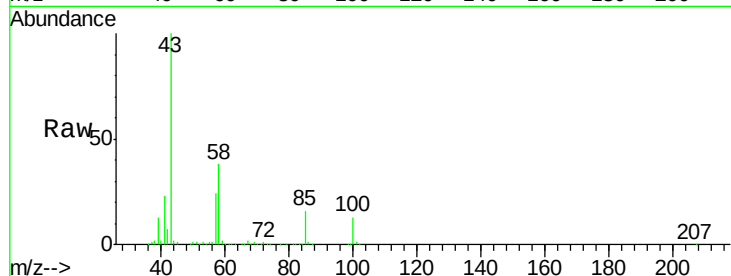




#51
4-Methyl-2-Pentanone
Concen: 270.289 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

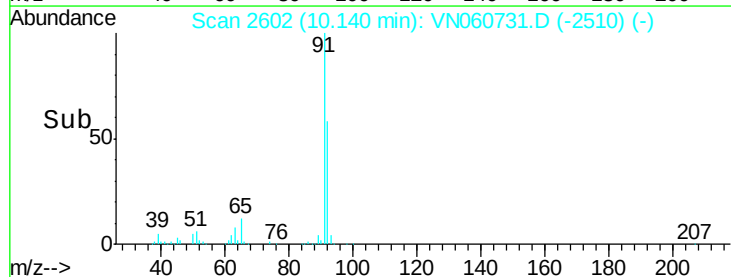
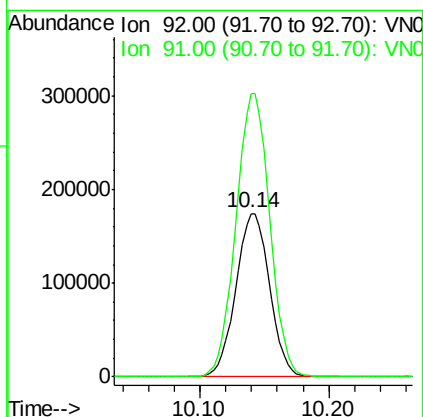
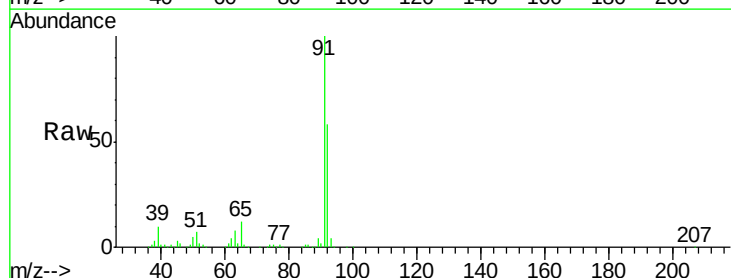
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

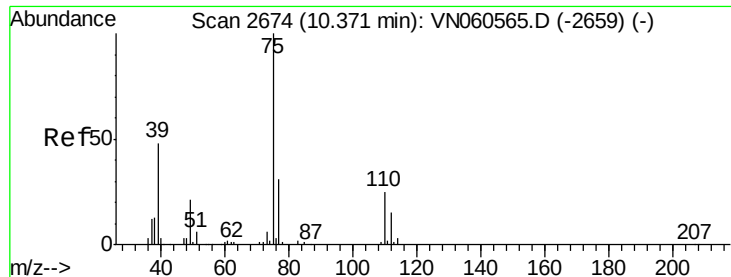
Tot Ion: 43 Resp: 880154
Ion Ratio Lower Upper
43 100
58 38.4 30.8 46.2



#52
Toluene
Concen: 54.138 ug/l
RT: 10.14 min Scan# 2602
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion: 92 Resp: 316957
Ion Ratio Lower Upper
92 100
91 173.7 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 57.043 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

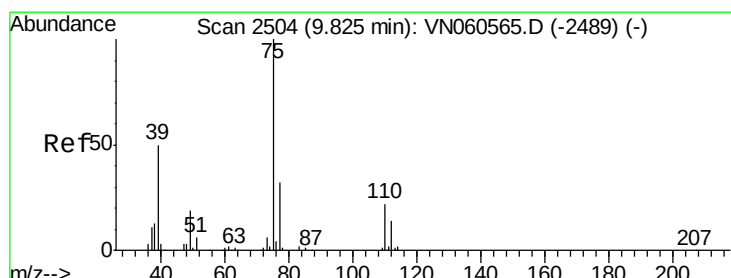
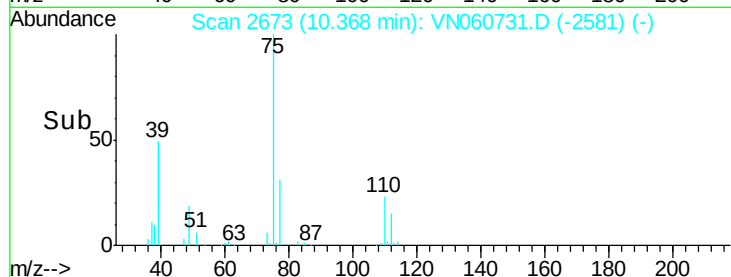
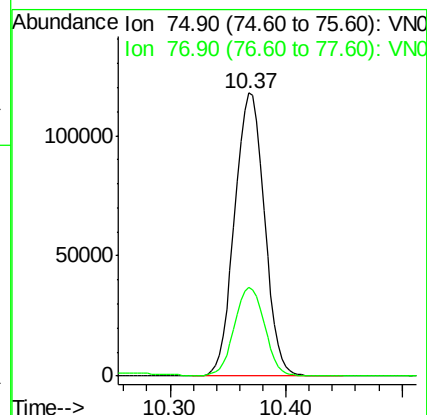
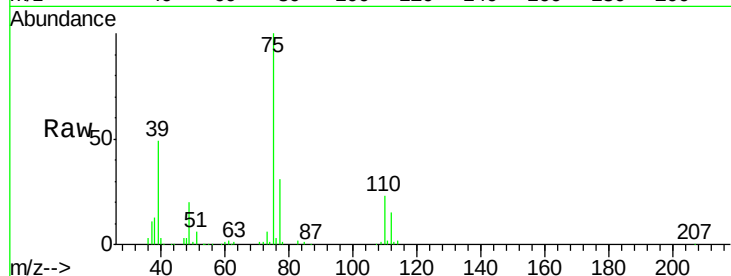
VSTDCCC050

Tot Ion: 75 Resp: 210561

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 55.409 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

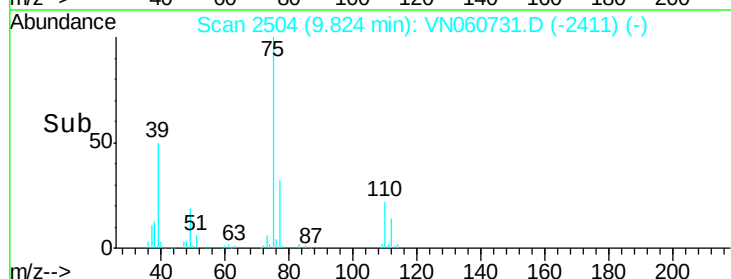
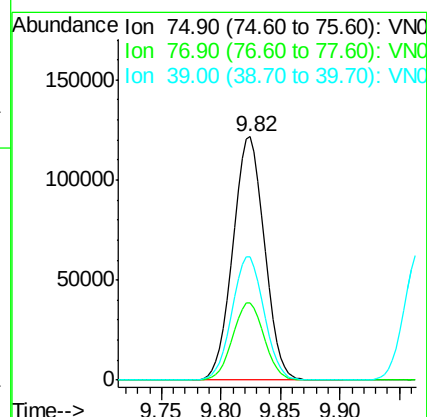
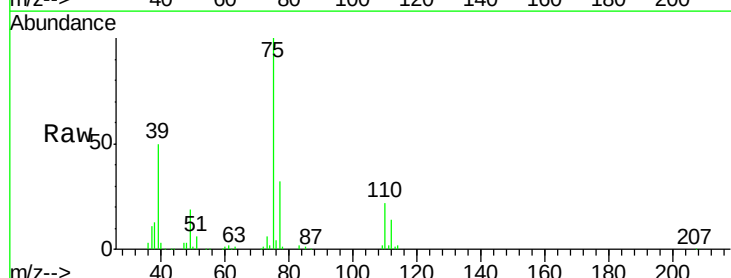
Tgt Ion: 75 Resp: 224380

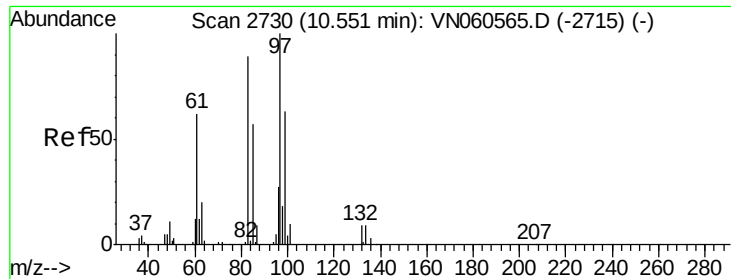
Ion Ratio Lower Upper

75 100

77 31.6 25.4 38.0

39 50.5 40.2 60.4

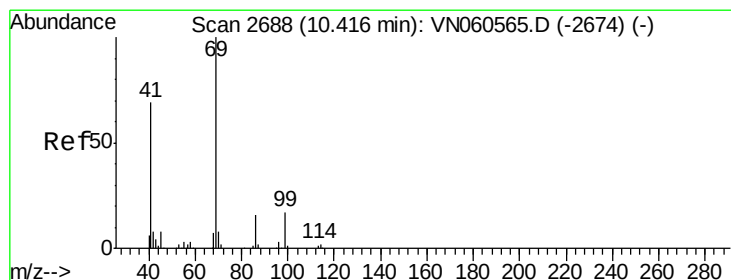
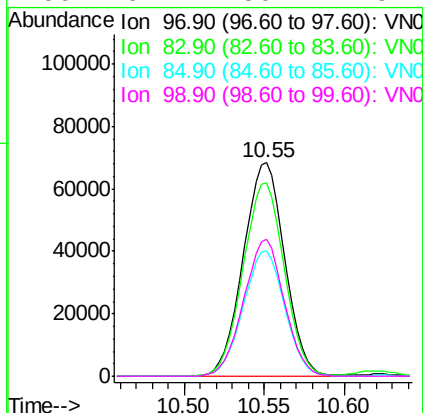
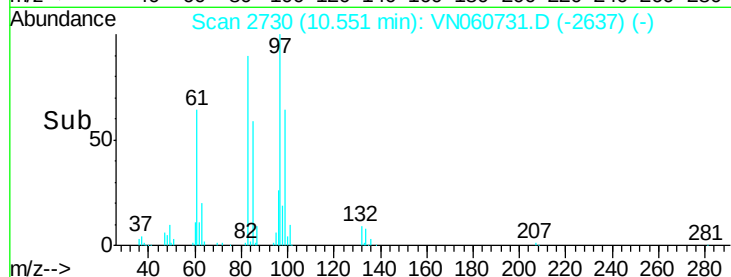
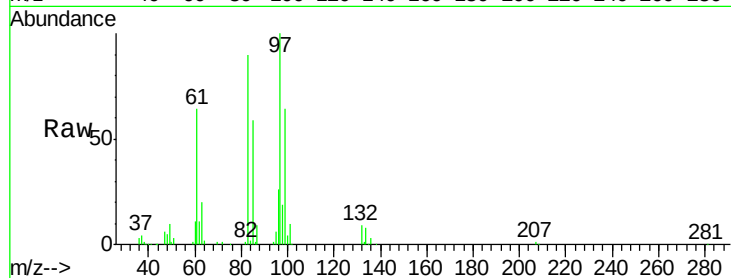




#55
 1,1,2-Trichloroethane
 Concen: 53.873 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

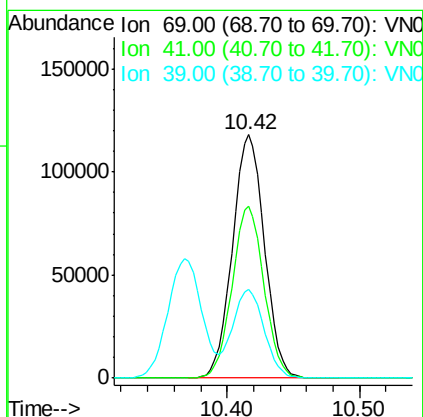
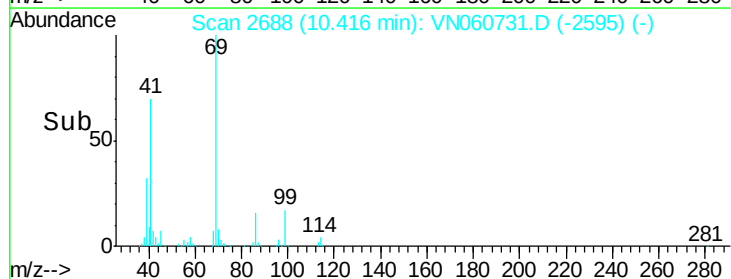
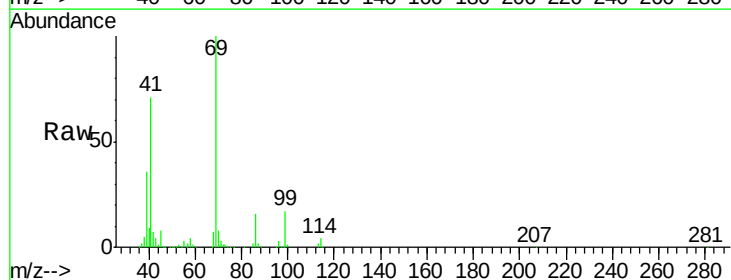
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050

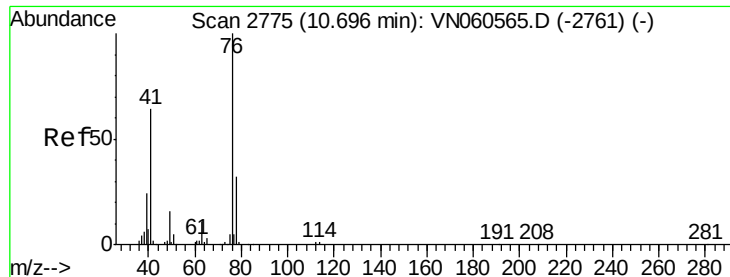
Tot Ion:	97	Resp:	121340
Ion	Ratio	Lower	Upper
97	100		
83	90.3	71.3	106.9
85	58.7	45.2	67.8
99	64.2	50.1	75.1



#56
 Ethyl methacrylate
 Concen: 56.241 ug/l
 RT: 10.42 min Scan# 2688
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion:	69	Resp:	197514
Ion	Ratio	Lower	Upper
69	100		
41	69.7	55.4	83.2
39	35.8	29.4	44.0





#57

1,3-Dichloropropane

Concen: 54.835 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

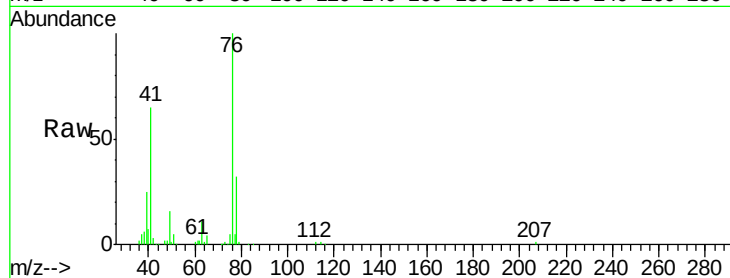
VSTDCCC050

Tot Ion: 76 Resp: 214324

Ion Ratio Lower Upper

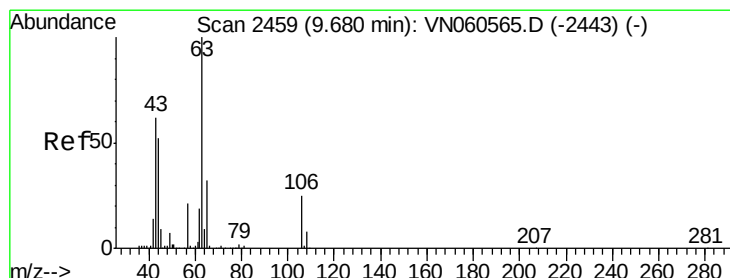
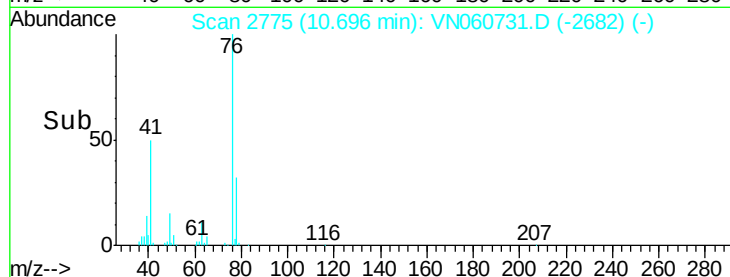
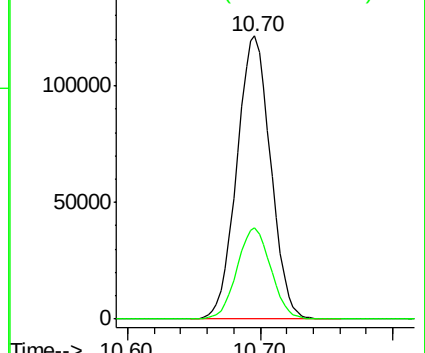
76 100

78 32.3 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 285.023 ug/l

RT: 9.68 min Scan# 2459

Delta R.T. -0.00 min

Lab File: VN060731.D

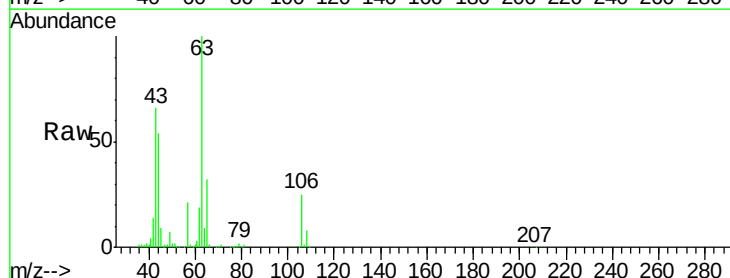
Acq: 27 Mar 2020 10:31

Tgt Ion: 63 Resp: 497497

Ion Ratio Lower Upper

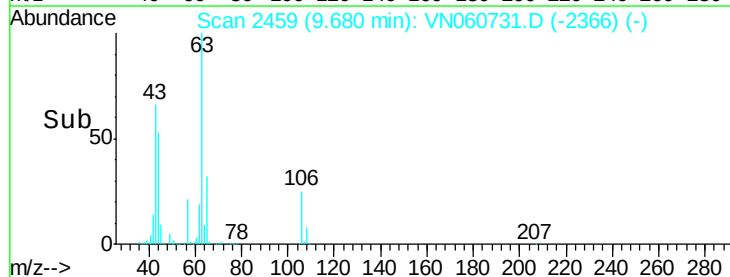
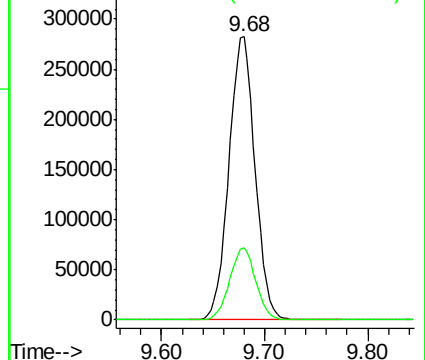
63 100

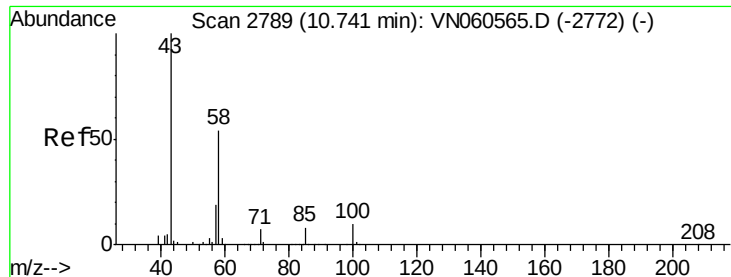
106 25.3 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

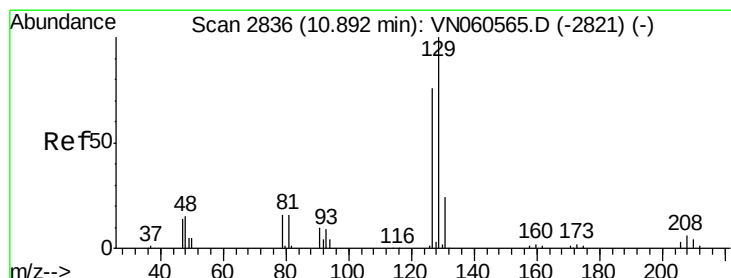
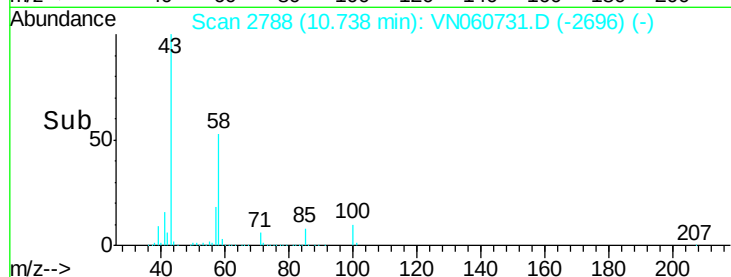
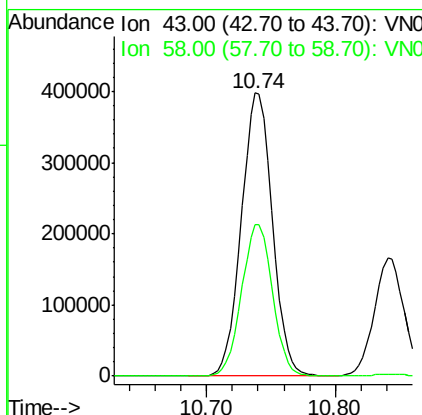
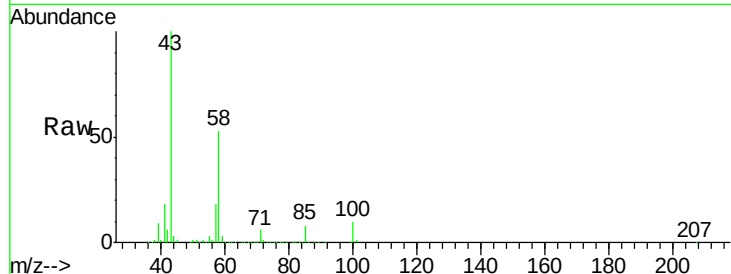




#59
2-Hexanone
Concen: 283.322 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

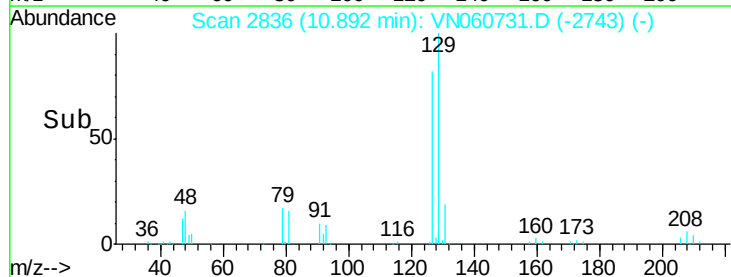
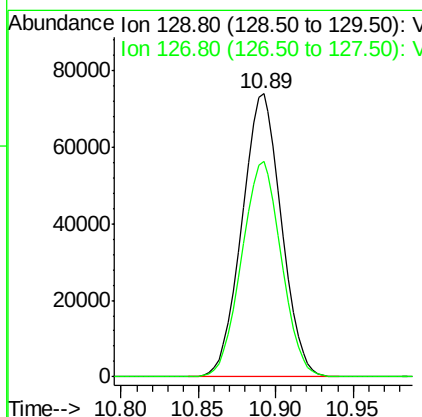
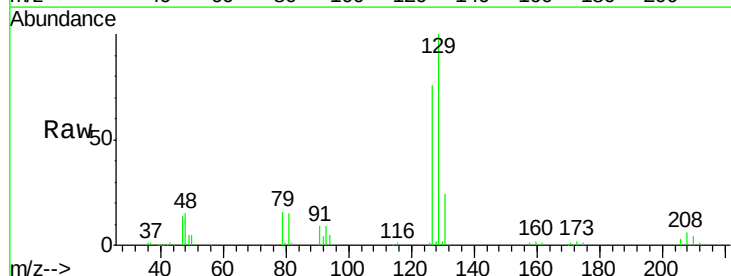
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

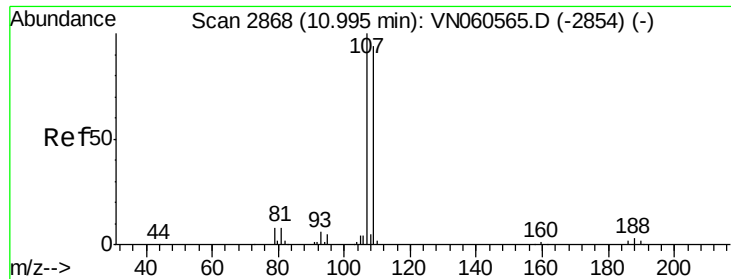
Tot Ion: 43 Resp: 664593
Ion Ratio Lower Upper
43 100
58 53.6 26.7 80.1



#60
Dibromochloromethane
Concen: 56.425 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion: 129 Resp: 131277
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 55.319 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

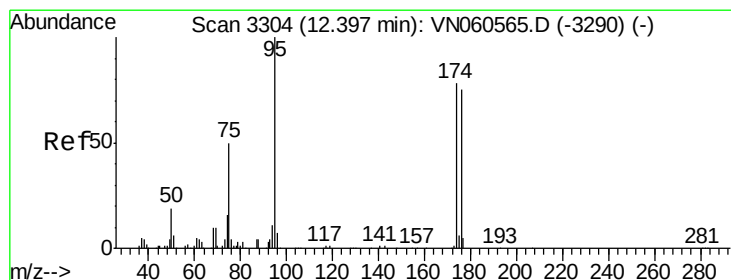
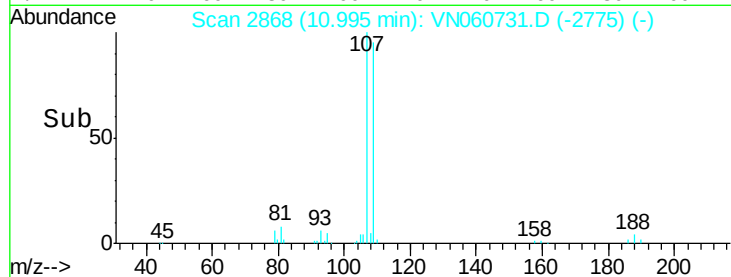
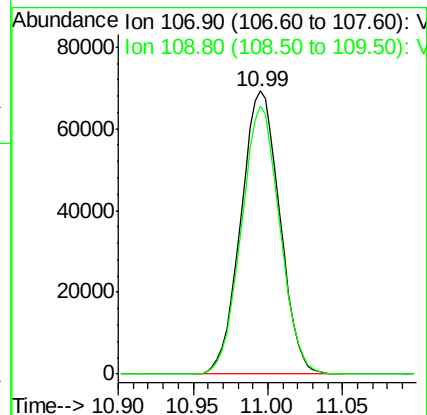
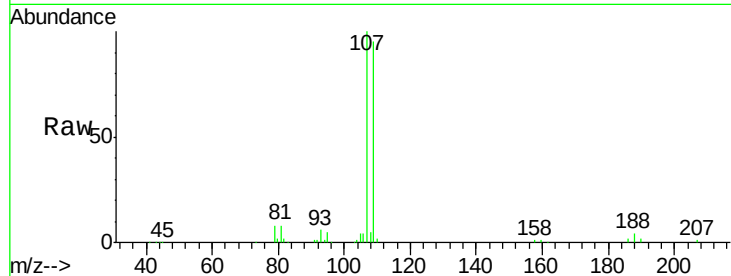
VSTDCCC050

Tot Ion:107 Resp: 125288

Ion Ratio Lower Upper

107 100

109 93.5 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 50.873 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

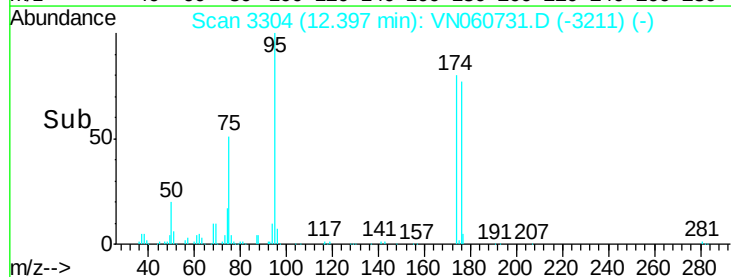
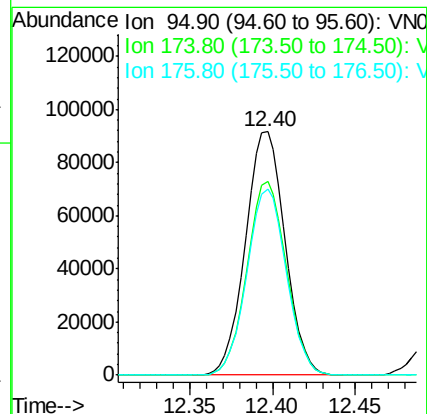
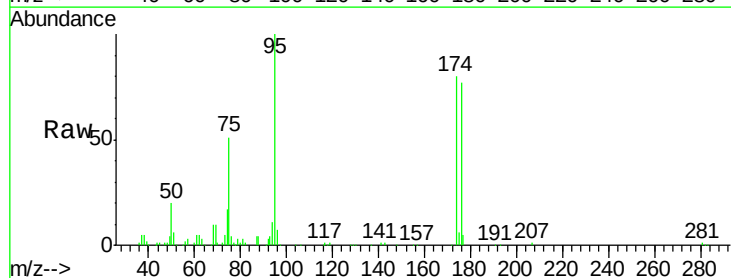
Tgt Ion: 95 Resp: 152713

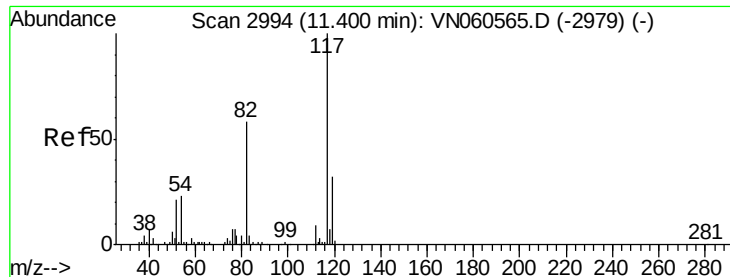
Ion Ratio Lower Upper

95 100

174 78.9 0.0 157.6

176 76.2 0.0 150.6

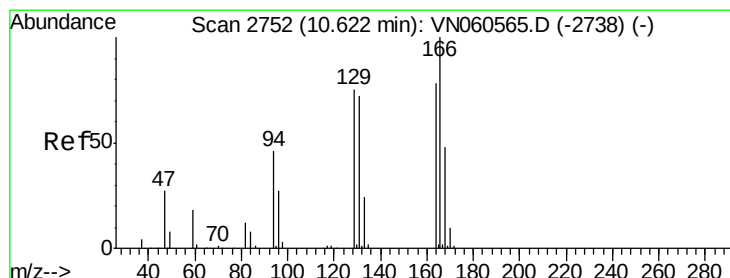
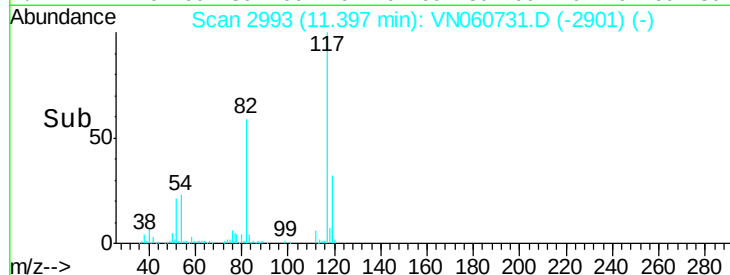
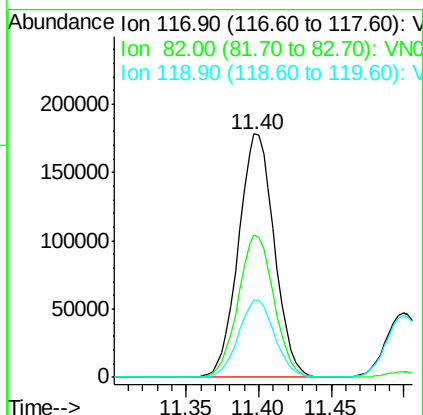
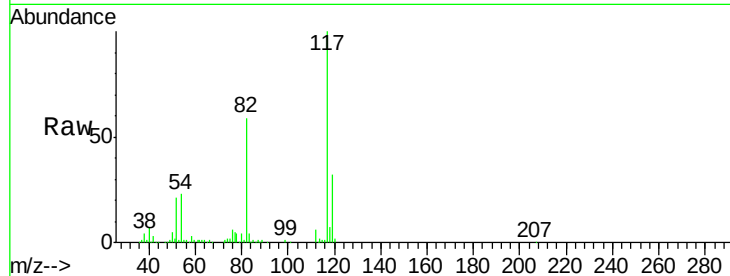




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

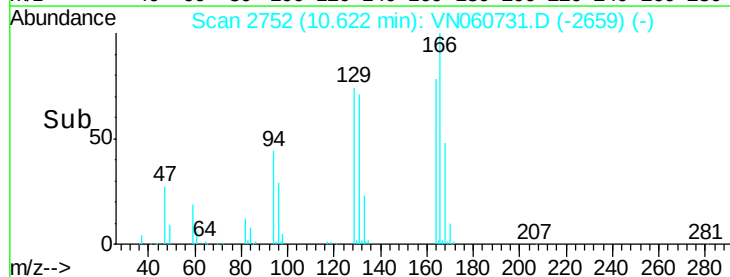
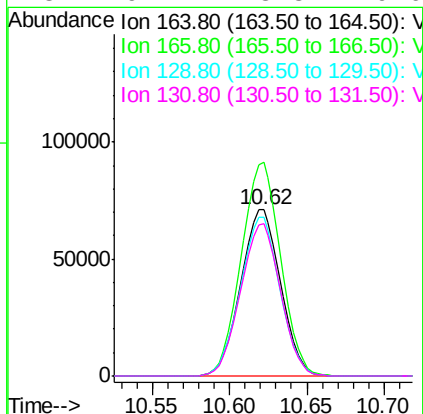
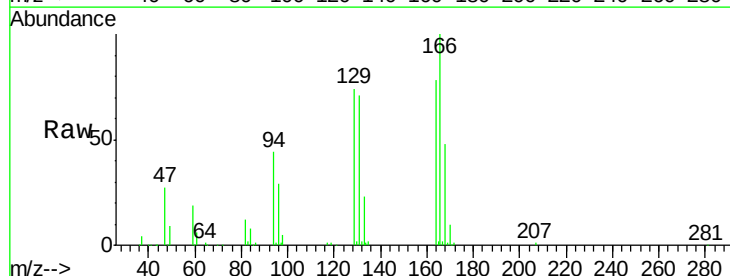
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

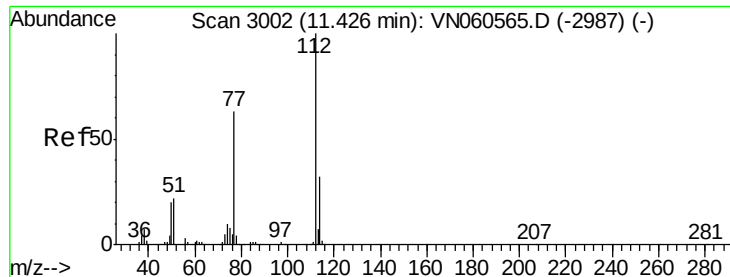
Tot Ion:117 Resp: 305998
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 31.6 25.5 38.3



#64
Tetrachloroethene
Concen: 52.984 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion:164 Resp: 127583
Ion Ratio Lower Upper
164 100
166 128.5 102.7 154.1
129 95.3 77.2 115.8
131 91.4 73.8 110.6





#65

Chlorobenzene

Concen: 54.219 ug/l

RT: 11.42 min Scan# 3001

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

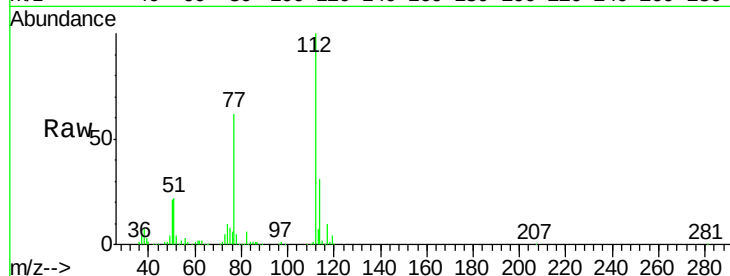
VSTDCCC050

Tot Ion:112 Resp: 328897

Ion Ratio Lower Upper

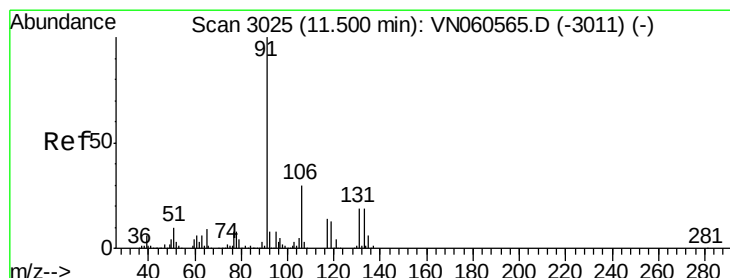
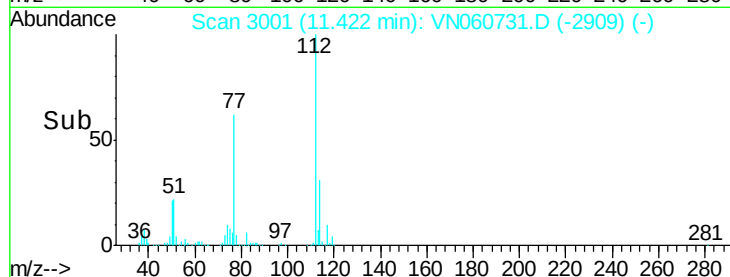
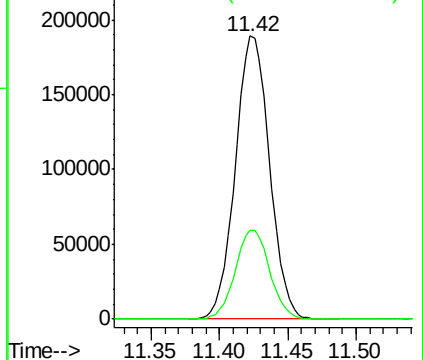
112 100

114 31.4 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 54.822 ug/l

RT: 11.50 min Scan# 3025

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

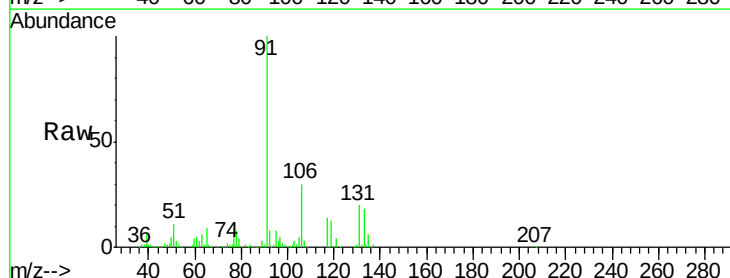
Tgt Ion:131 Resp: 120407

Ion Ratio Lower Upper

131 100

133 94.1 48.9 146.8

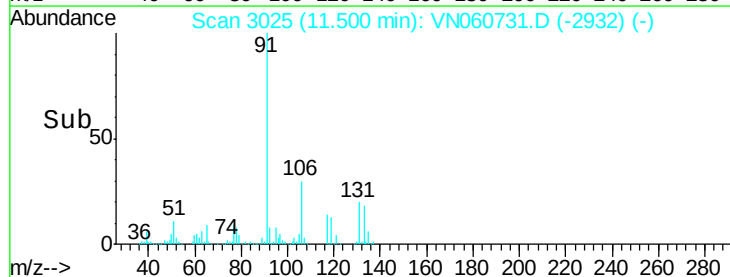
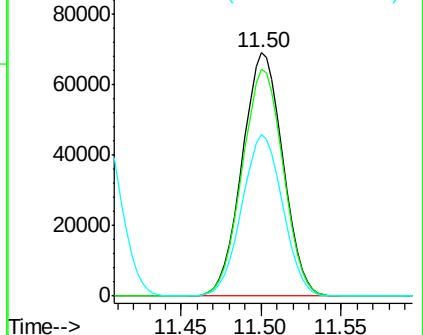
119 66.5 33.9 101.7

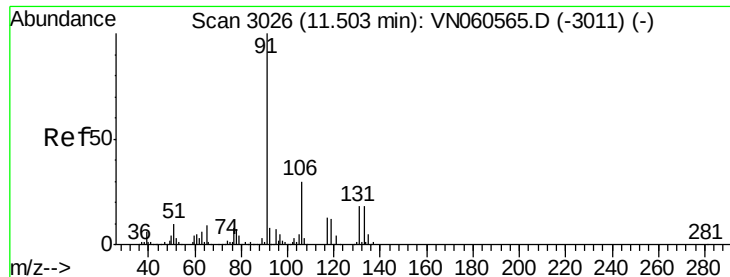


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 54.980 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

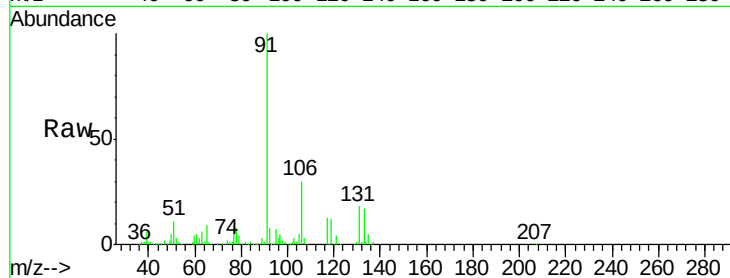
VSTDCCC050

Tot Ion: 91 Resp: 620226

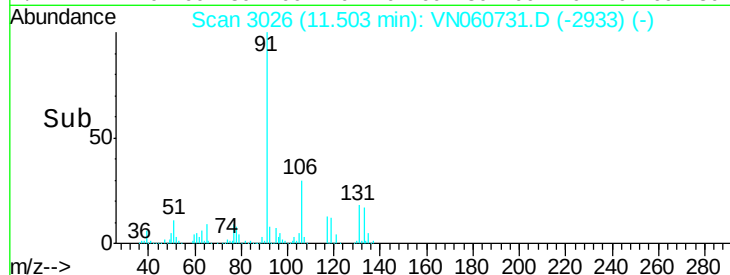
Ion Ratio Lower Upper

91 100

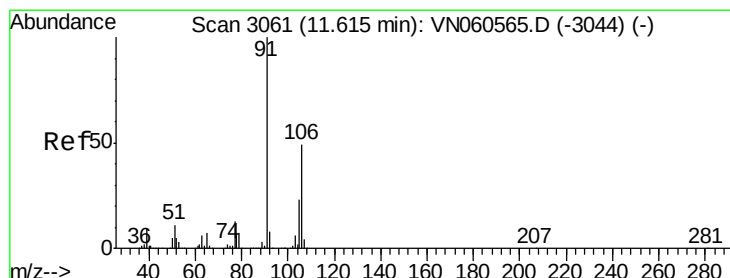
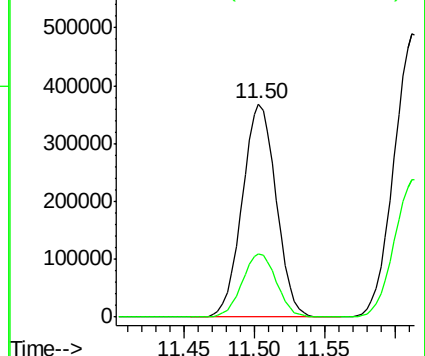
106 29.7 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060731.D (-2933) (-)



Ion 106.00 (105.70 to 106.70): VN060731.D (-2933) (-)



#68

m/p-Xylenes

Concen: 109.284 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060731.D

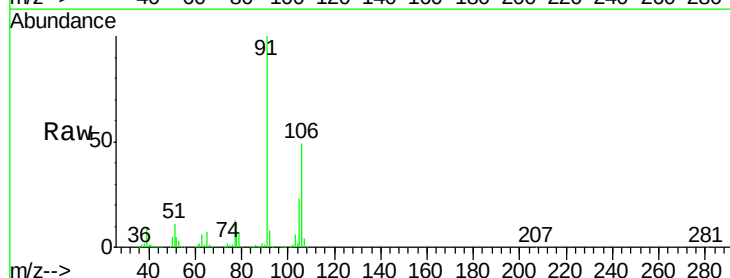
Acq: 27 Mar 2020 10:31

Tgt Ion: 106 Resp: 458123

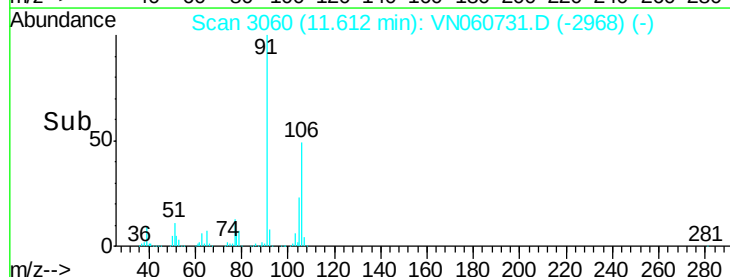
Ion Ratio Lower Upper

106 100

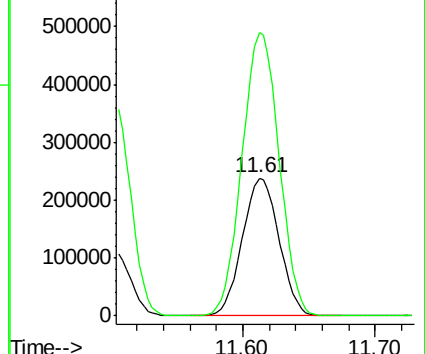
91 207.5 165.0 247.4

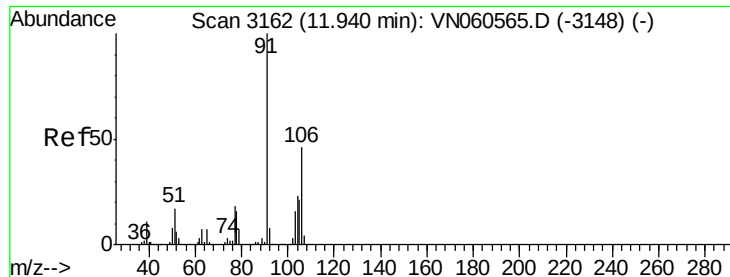


Abundance Ion 106.00 (105.70 to 106.70): VN060731.D (-2968) (-)



Ion 91.00 (90.70 to 91.70): VN060731.D (-2968) (-)

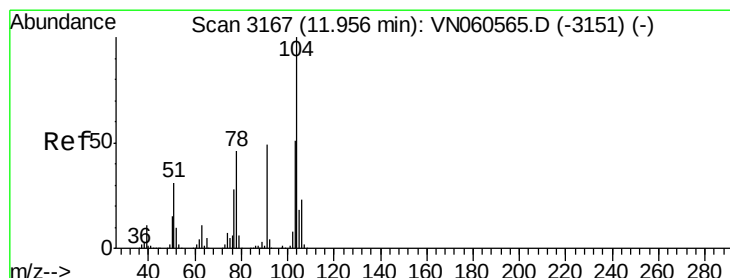
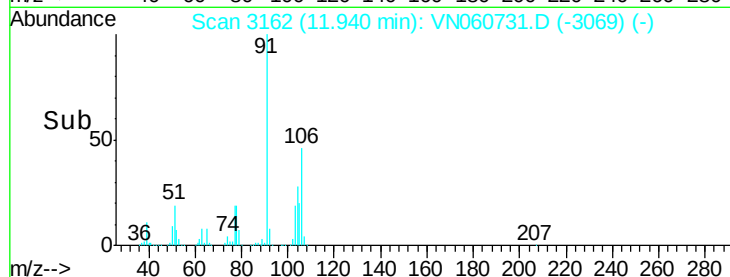
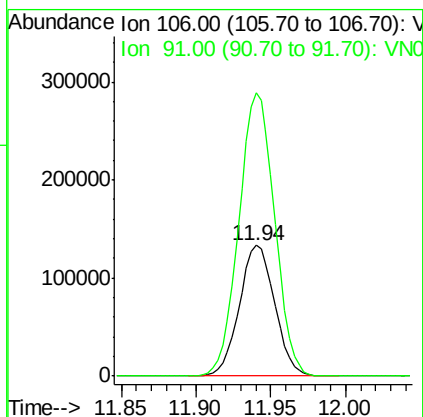
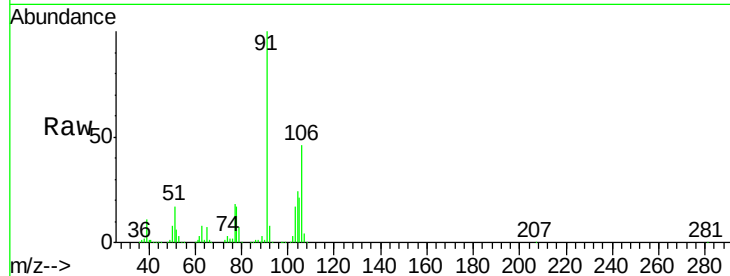




#69
o-Xylene
Concen: 54.744 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

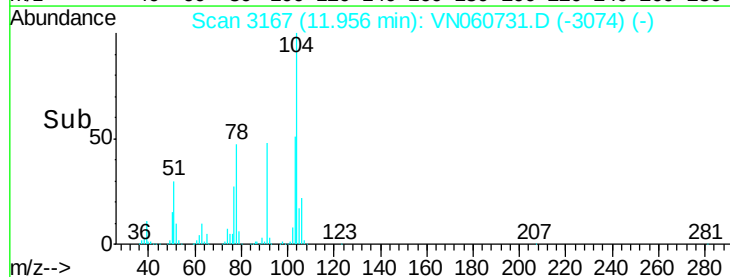
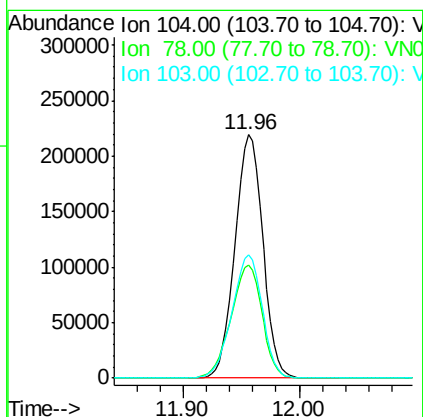
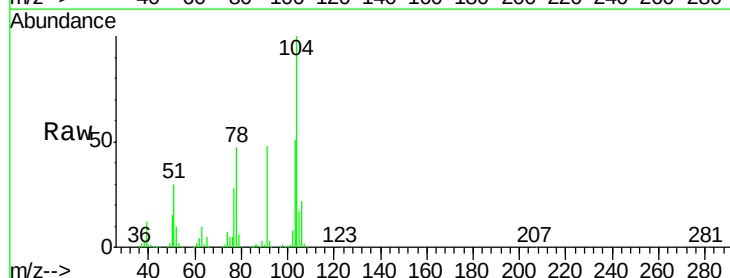
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

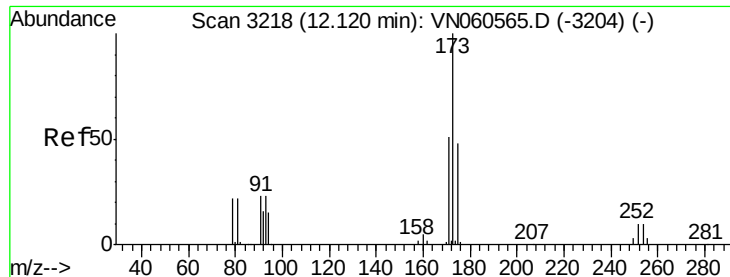
Tot Ion:106 Resp: 219074
Ion Ratio Lower Upper
106 100
91 218.6 109.5 328.4



#70
Styrene
Concen: 55.825 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion:104 Resp: 365368
Ion Ratio Lower Upper
104 100
78 51.6 41.2 61.8
103 54.8 44.0 66.0





#71

Bromoform

Concen: 50.651 ug/l

RT: 12.12 min Scan# 3218

Delta R.T. 0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

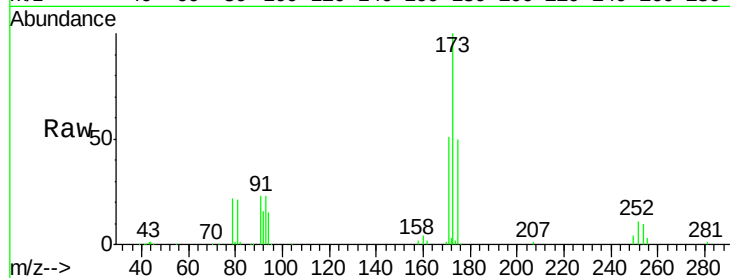
Tot Ion:173 Resp: 92502

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.4

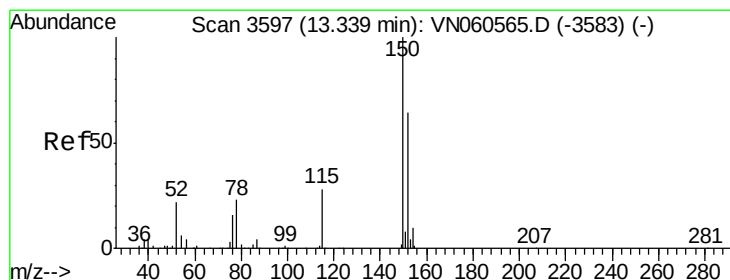
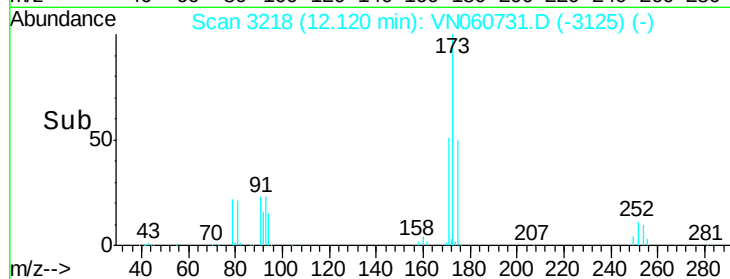
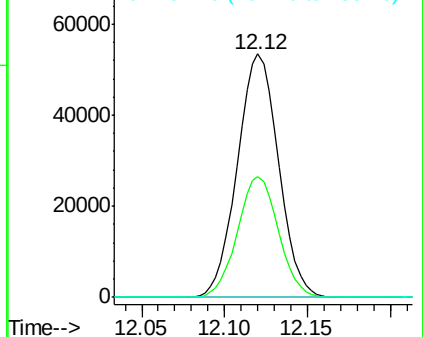
254 0.0 0.0 0.0



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: VN060731.D

Acq: 27 Mar 2020 10:31

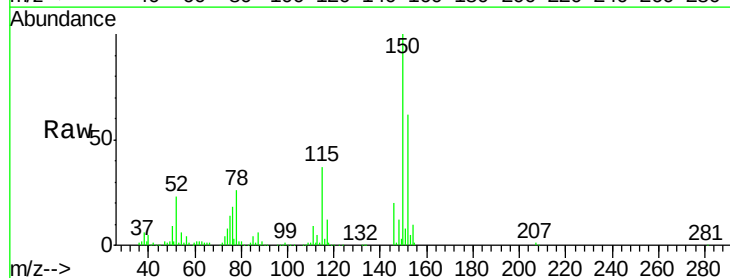
Tgt Ion:152 Resp: 151179

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

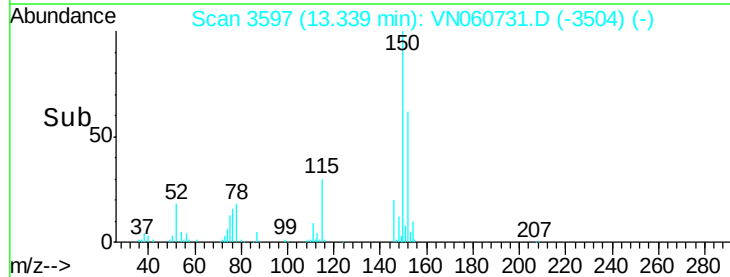
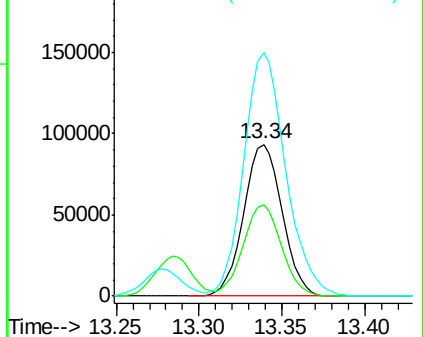
150 175.2 0.0 350.2

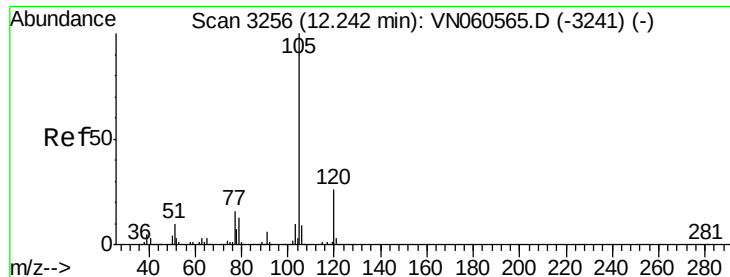


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.112 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

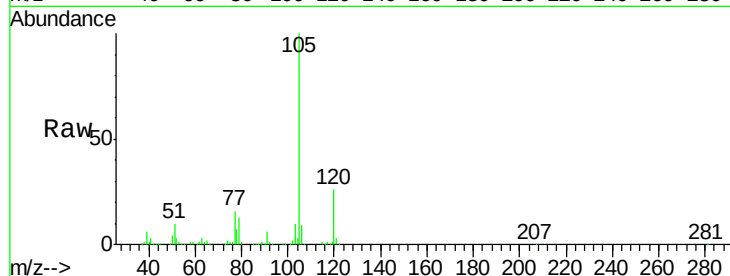
VSTDCCC050

Tot Ion:105 Resp: 591235

Ion Ratio Lower Upper

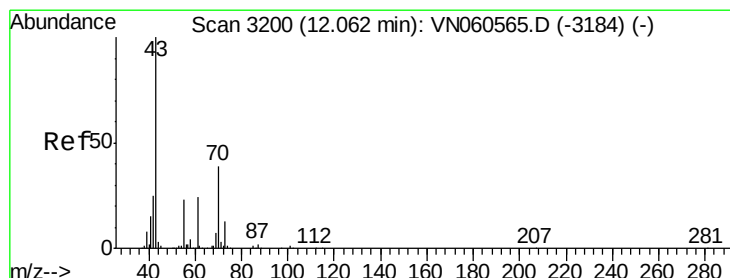
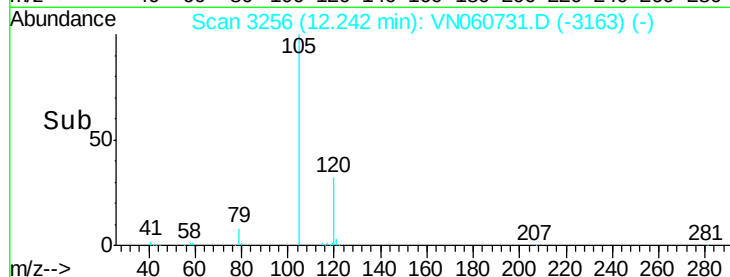
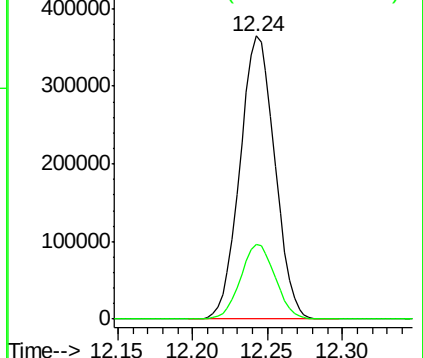
105 100

120 26.2 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: 51.676 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Tgt Ion: 43 Resp: 270917

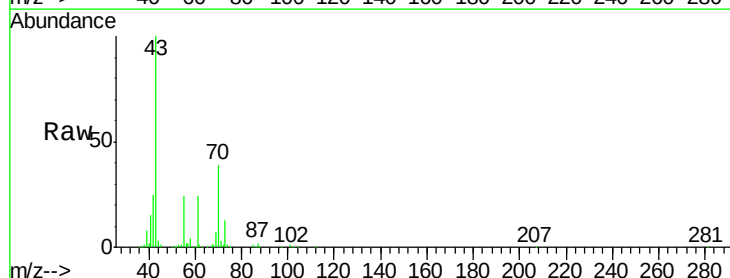
Ion Ratio Lower Upper

43 100

70 39.5 31.1 46.7

55 23.8 18.6 27.8

61 23.3 18.9 28.3

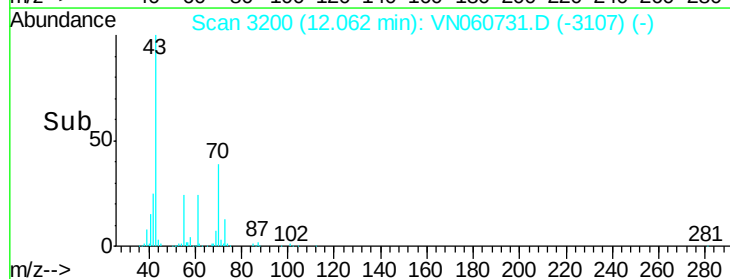
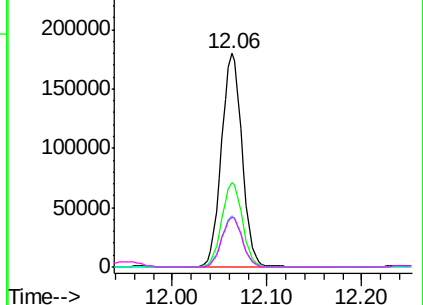


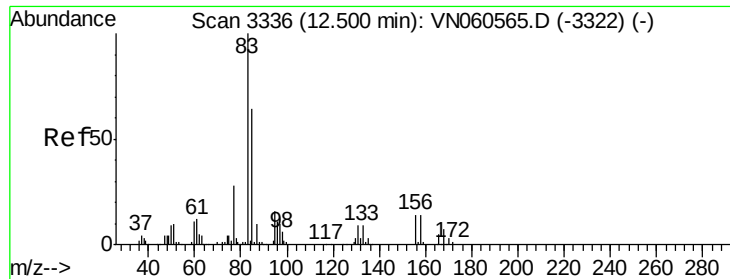
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 50.690 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

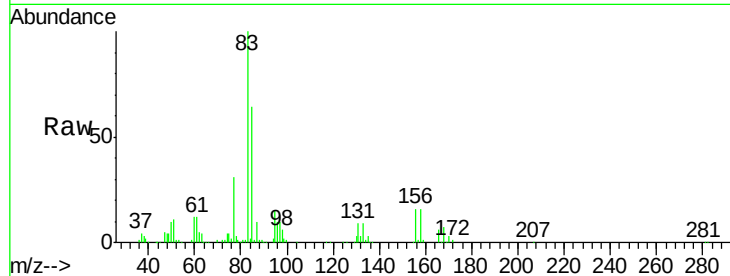
Tot Ion: 83 Resp: 173914

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

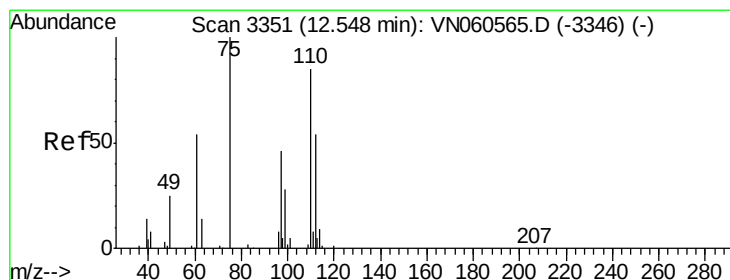
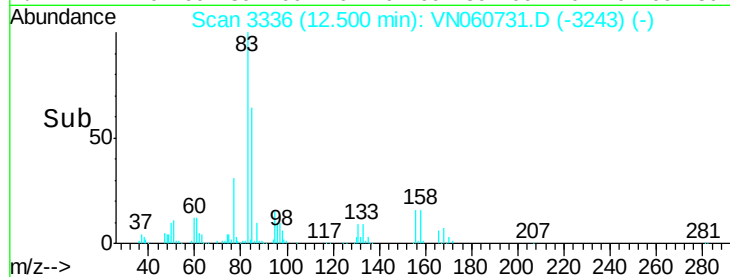
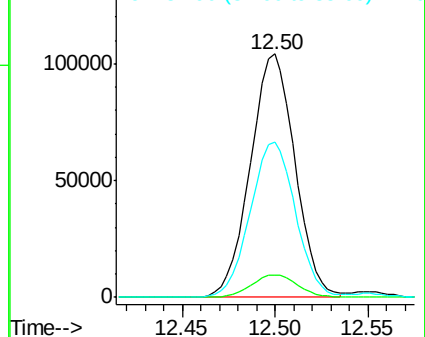
85 64.6 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060731.D (-3243) (-)

Ion 130.80 (130.50 to 131.50): VN060731.D (-3243) (-)

Ion 84.90 (84.60 to 85.60): VN060731.D (-3243) (-)



#76

1,2,3-Trichloropropane

Concen: 49.224 ug/l m

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060731.D

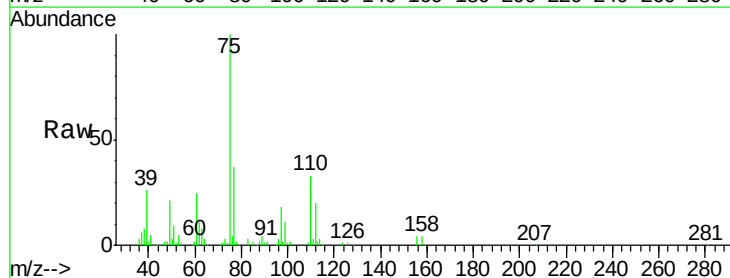
Acq: 27 Mar 2020 10:31

Tgt Ion: 75 Resp: 160574

Ion Ratio Lower Upper

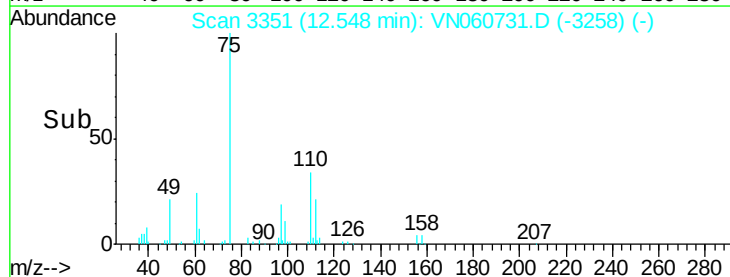
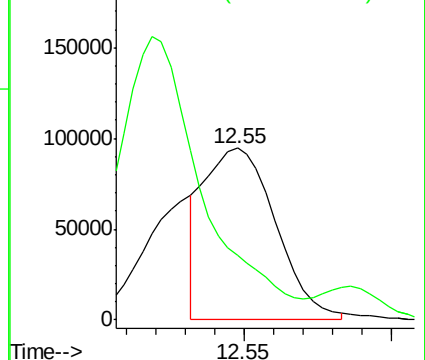
75 100

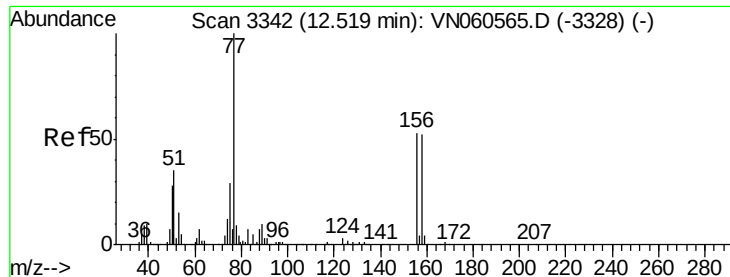
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060731.D (-3258) (-)

Ion 77.00 (76.70 to 77.70): VN060731.D (-3258) (-)





#77

Bromobenzene

Concen: 51.217 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

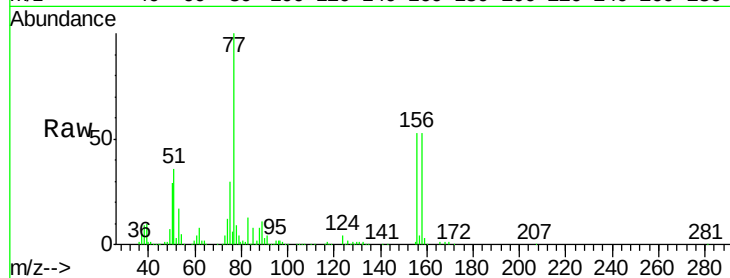
Tot Ion:156 Resp: 140020

Ion Ratio Lower Upper

156 100

77 224.1 112.3 337.0

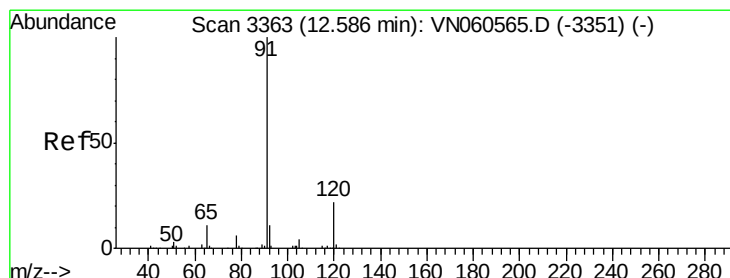
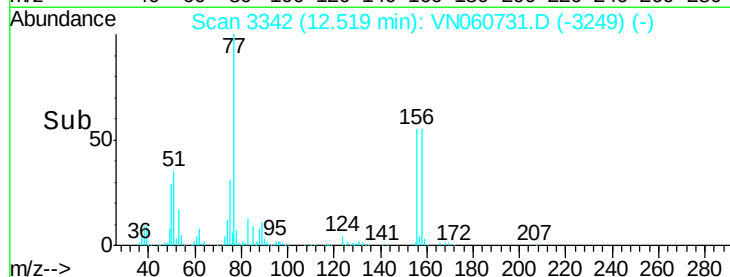
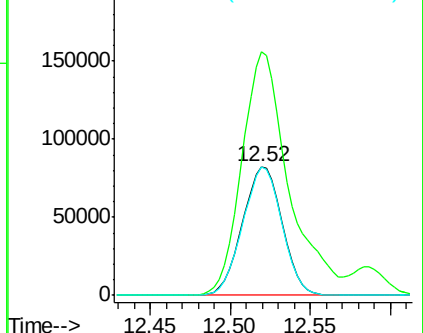
158 98.5 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.198 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060731.D

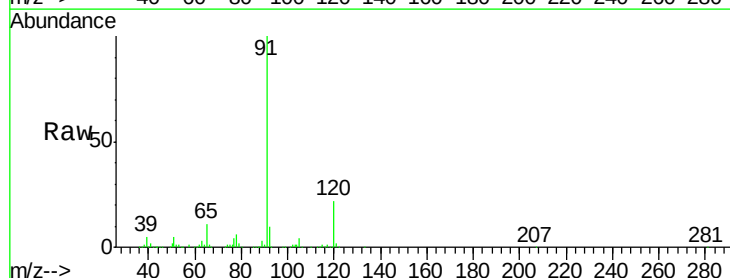
Acq: 27 Mar 2020 10:31

Tgt Ion: 91 Resp: 713061

Ion Ratio Lower Upper

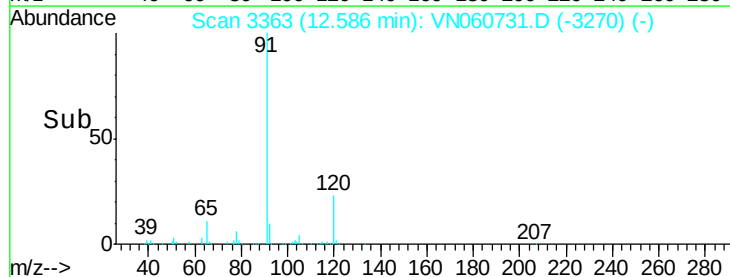
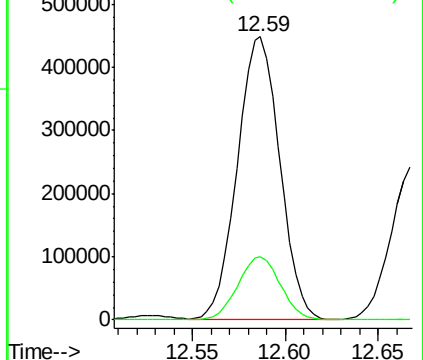
91 100

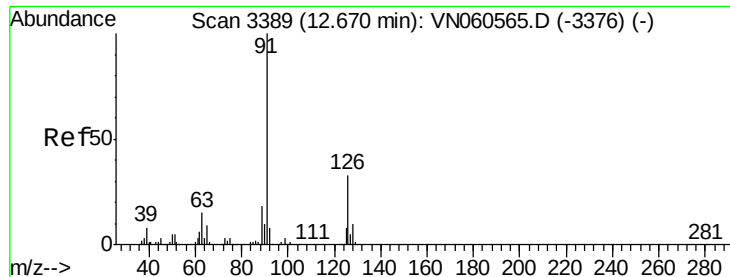
120 22.4 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.204 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

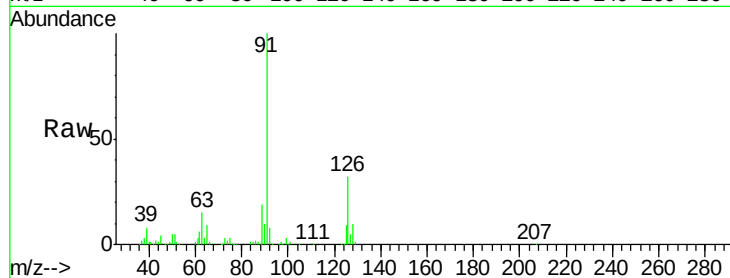
VSTDCCC050

Tot Ion: 91 Resp: 410079

Ion Ratio Lower Upper

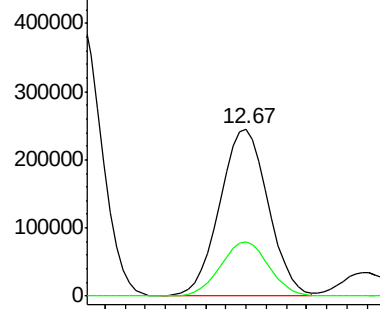
91 100

126 32.5 16.4 49.1

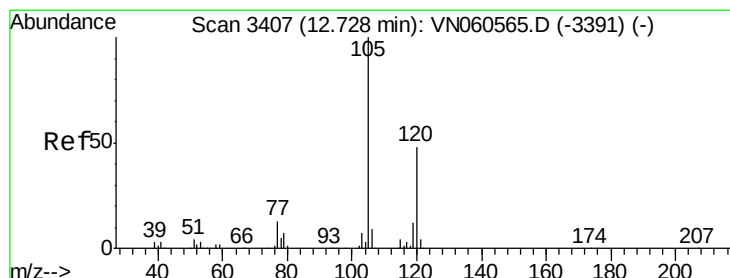
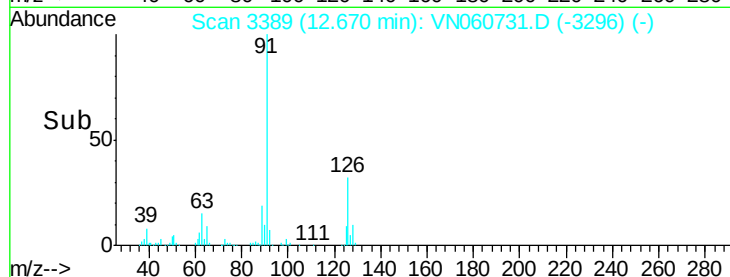


Abundance Ion 91.00 (90.70 to 91.70): VN060731.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN060731.D (-3376) (-)



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 52.644 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060731.D

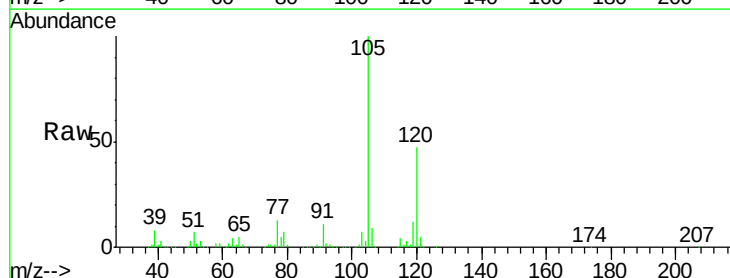
Acq: 27 Mar 2020 10:31

Tgt Ion:105 Resp: 506858

Ion Ratio Lower Upper

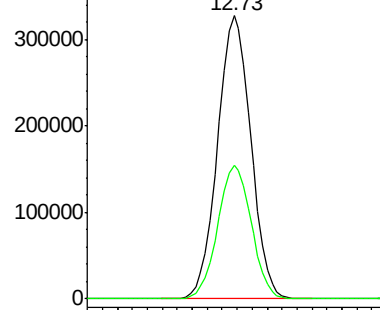
105 100

120 47.6 23.9 71.7

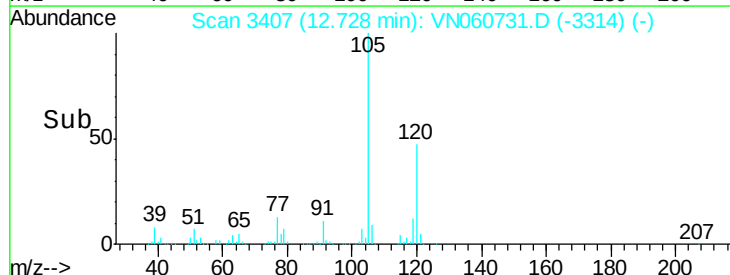


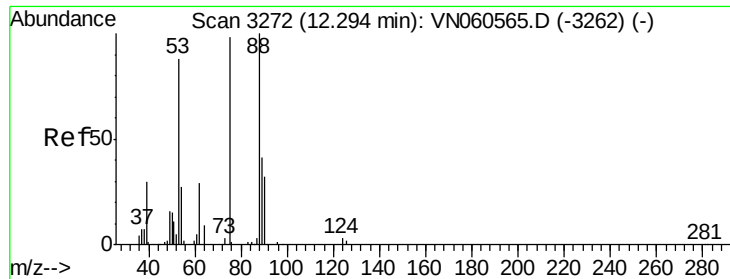
Abundance Ion 105.00 (104.70 to 105.70): VN060731.D (-3391) (-)

Ion 120.00 (119.70 to 120.70): VN060731.D (-3391) (-)



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 53.633 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

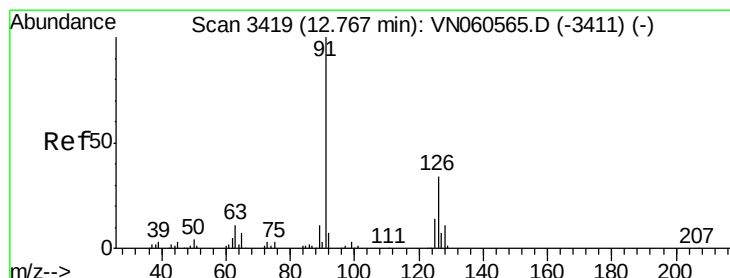
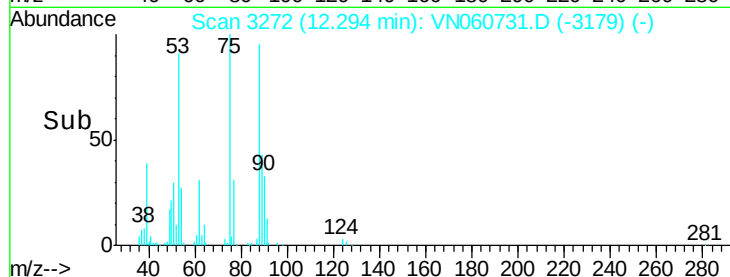
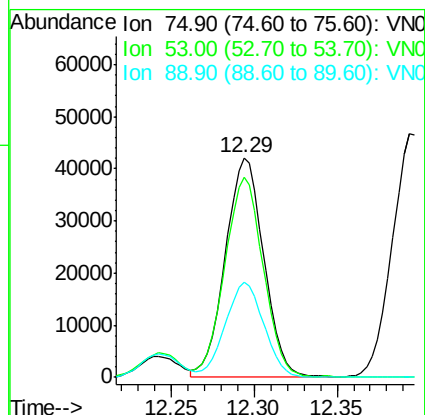
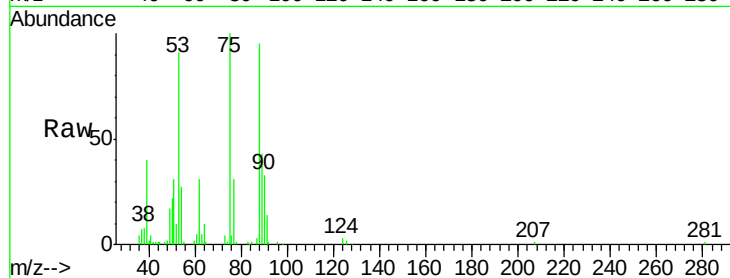
Tot Ion: 75 Resp: 68122

Ion Ratio Lower Upper

75 100

53 90.5 73.0 109.4

89 43.4 34.8 52.2



#82

4-Chlorotoluene

Concen: 52.734 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060731.D

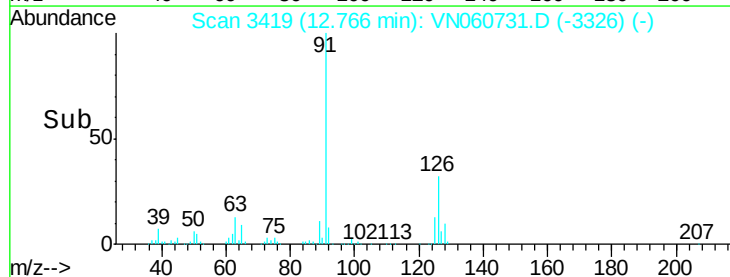
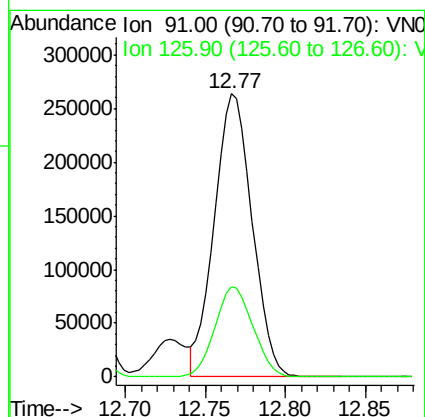
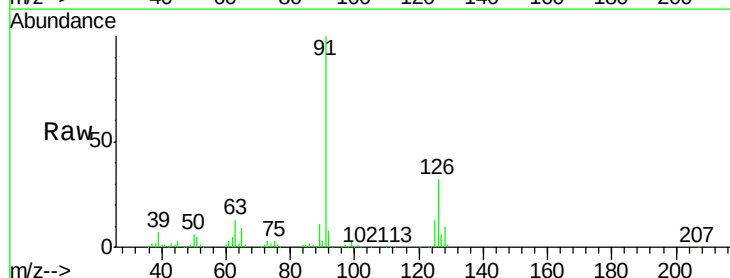
Acq: 27 Mar 2020 10:31

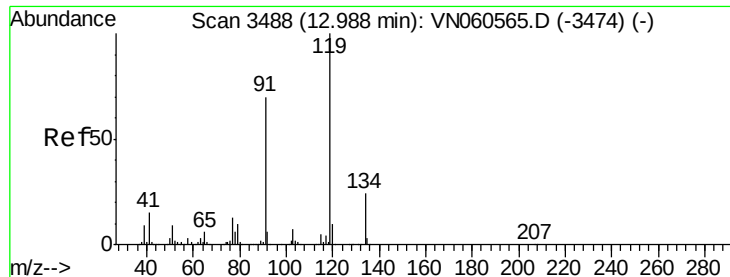
Tgt Ion: 91 Resp: 430140

Ion Ratio Lower Upper

91 100

126 32.0 16.2 48.5

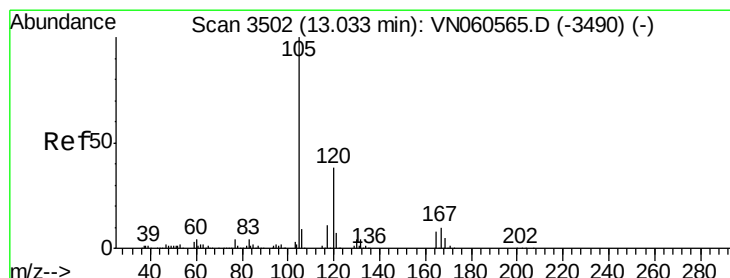
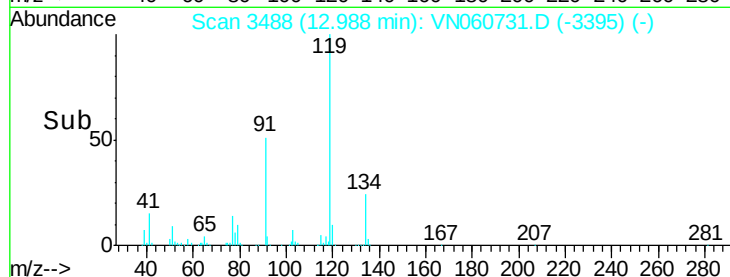
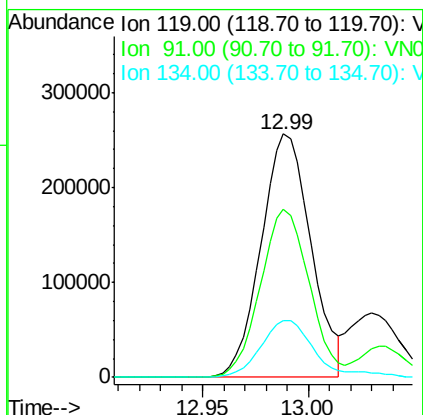
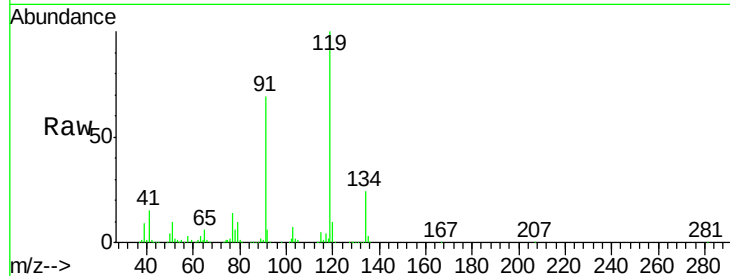




#83
 tert-Butylbenzene
 Concen: 52.964 ug/l
 RT: 12.99 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

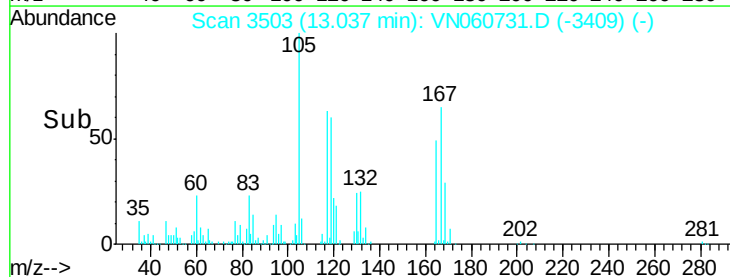
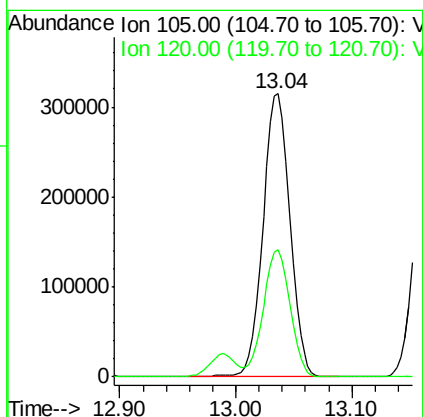
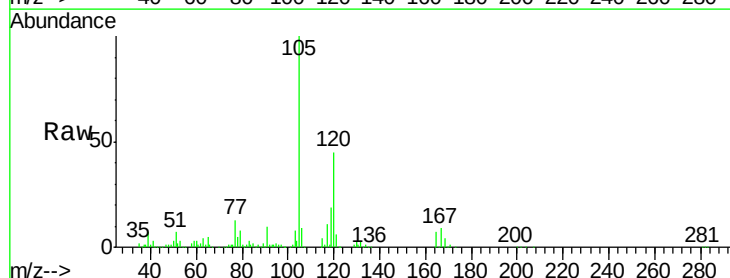
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

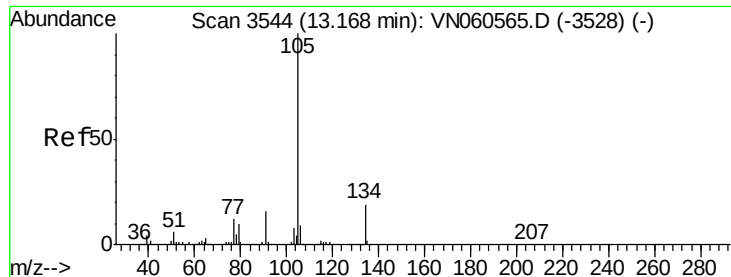
Tot Ion:119 Resp: 422720
 Ion Ratio Lower Upper
 119 100
 91 67.6 34.0 101.8
 134 25.2 12.7 38.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.322 ug/l
 RT: 13.04 min Scan# 3503
 Delta R.T. 0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion:105 Resp: 507892
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.1 66.5





#85

sec-Butylbenzene

Concen: 54.683 ug/l

RT: 13.17 min Scan# 3544

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

Instrument :

MSVOA_N

ClientSampleId :

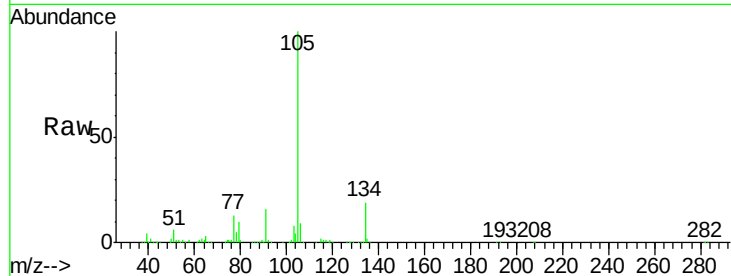
VSTDCCC050

Tot Ion:105 Resp: 586881

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

13.17

400000

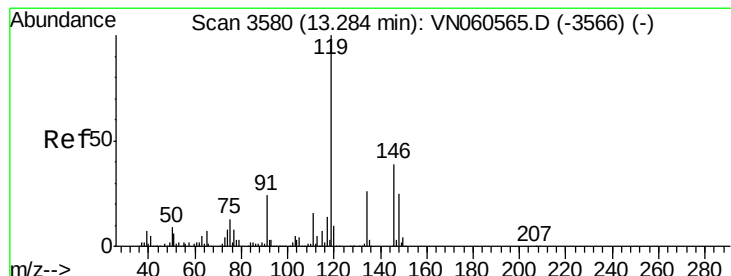
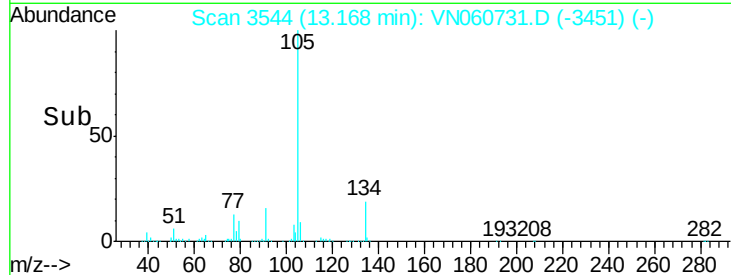
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.196 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN060731.D

Acq: 27 Mar 2020 10:31

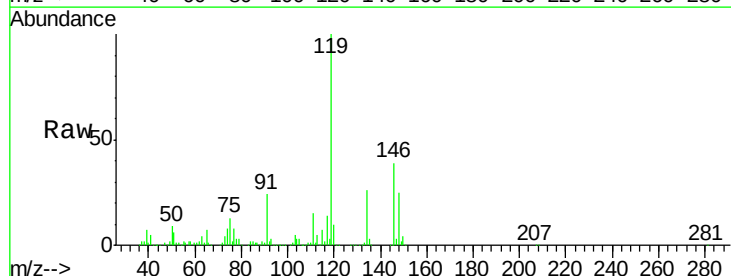
Tgt Ion:119 Resp: 532699

Ion Ratio Lower Upper

119 100

134 25.7 13.0 39.0

91 24.1 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

13.28

400000

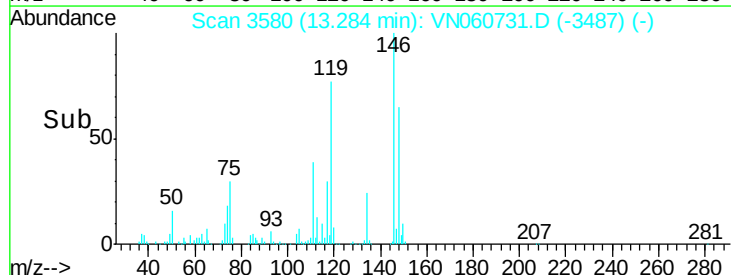
300000

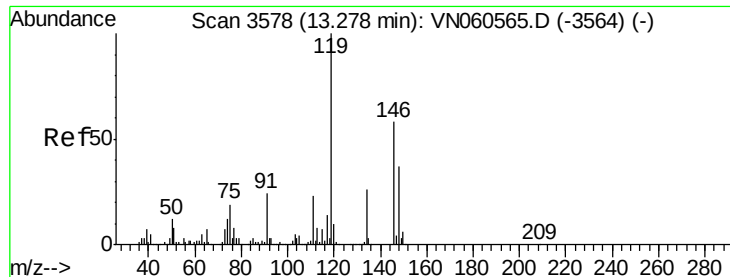
200000

100000

0

Time-->

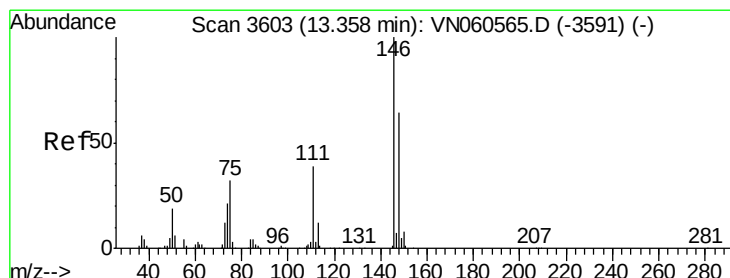
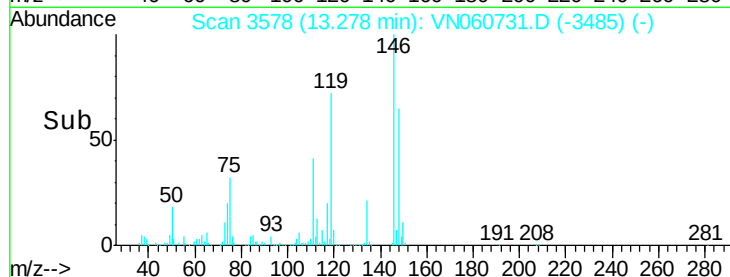
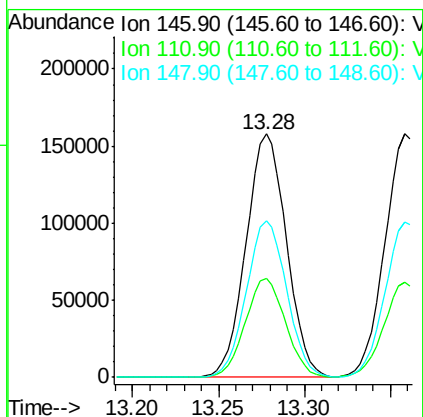
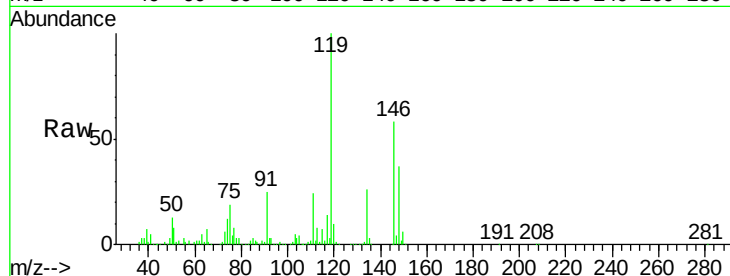




#87
 1,3-Dichlorobenzene
 Concen: 53.461 ug/l
 RT: 13.28 min Scan# 3578
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

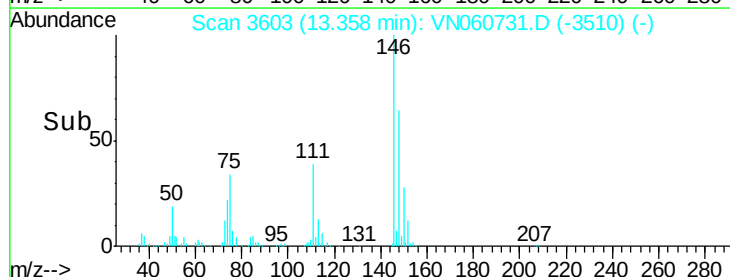
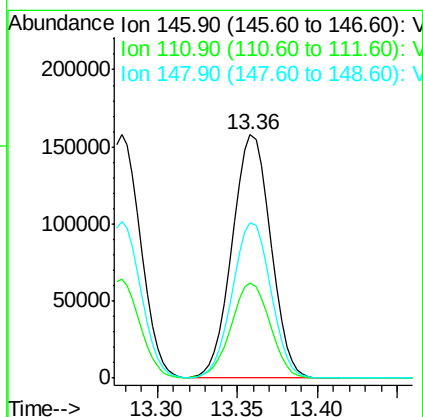
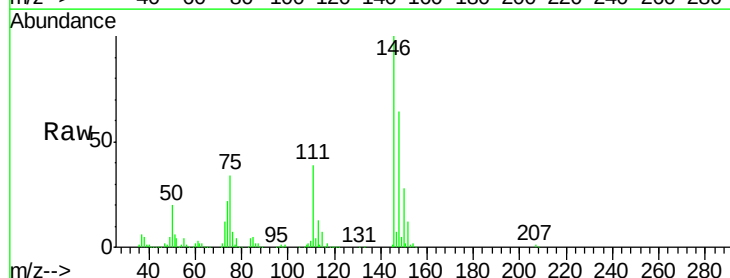
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

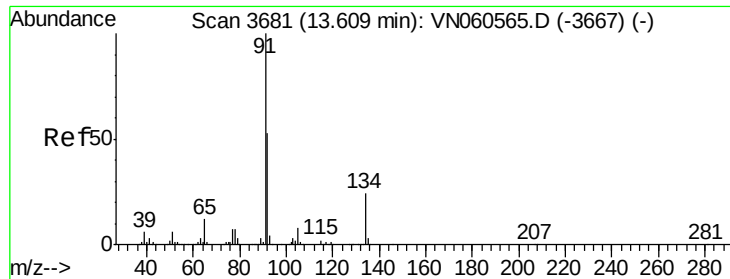
Tot Ion:146 Resp: 257773
 Ion Ratio Lower Upper
 146 100
 111 40.4 20.3 60.8
 148 64.2 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 53.587 ug/l
 RT: 13.36 min Scan# 3603
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion:146 Resp: 259592
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.7
 148 63.9 32.1 96.3

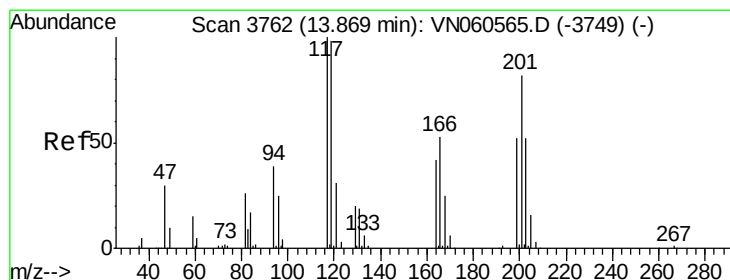
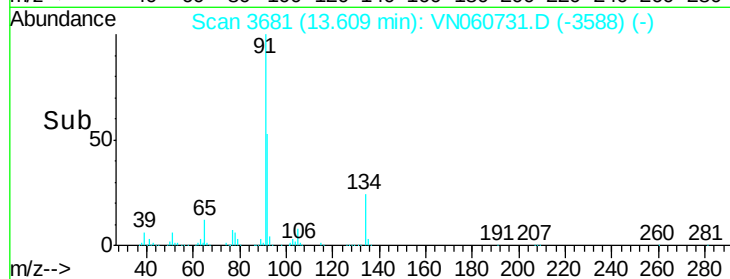
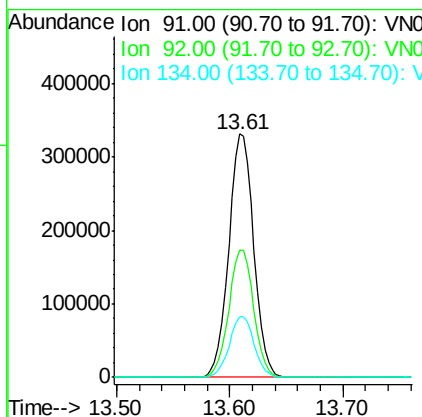
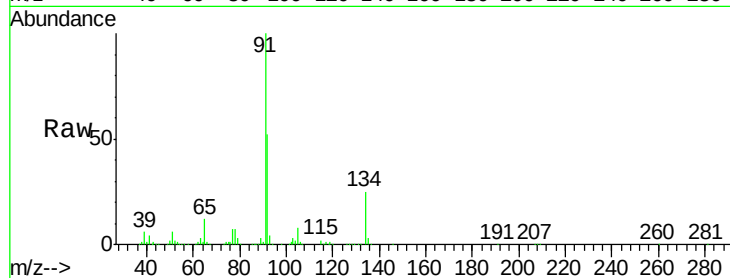




#89
n-Butylbenzene
Concen: 58.062 ug/l
RT: 13.61 min Scan# 3681
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

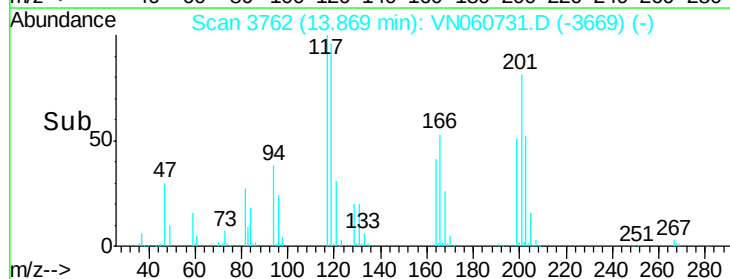
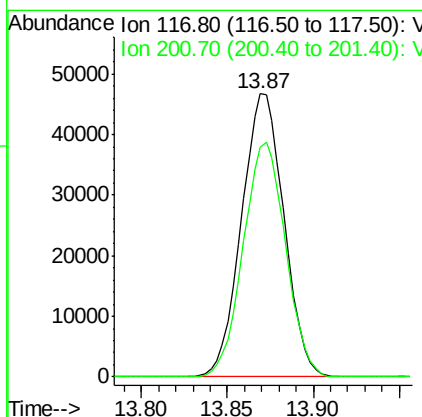
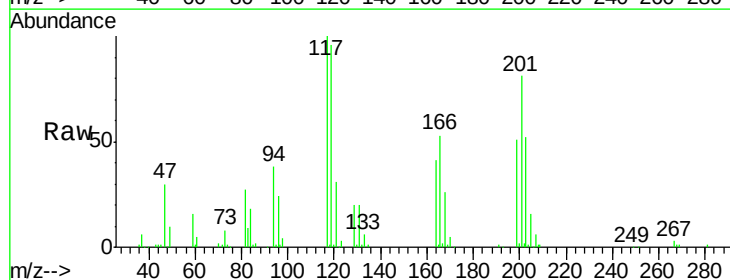
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

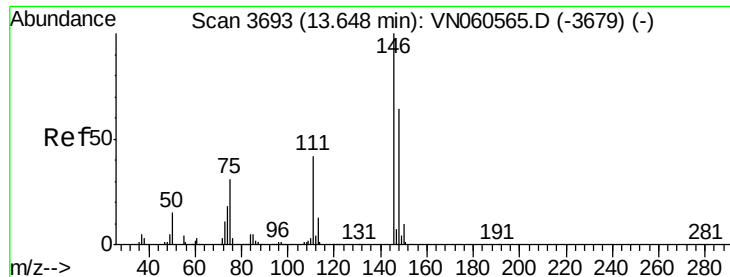
Tot Ion: 91 Resp: 505917
Ion Ratio Lower Upper
91 100
92 52.5 26.2 78.5
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 57.002 ug/l
RT: 13.87 min Scan# 3762
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion: 117 Resp: 79965
Ion Ratio Lower Upper
117 100
201 82.6 40.8 122.5

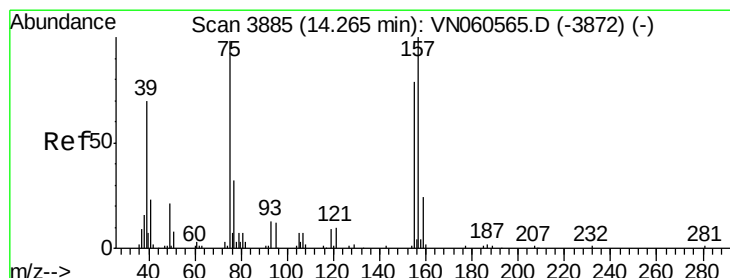
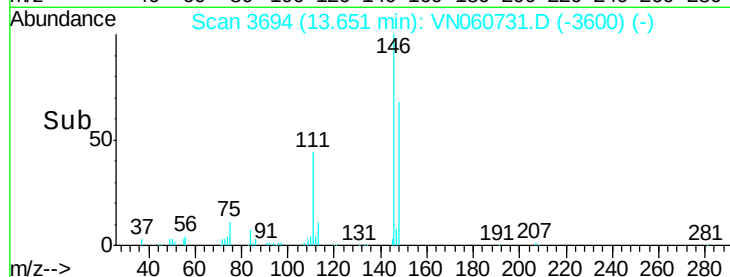
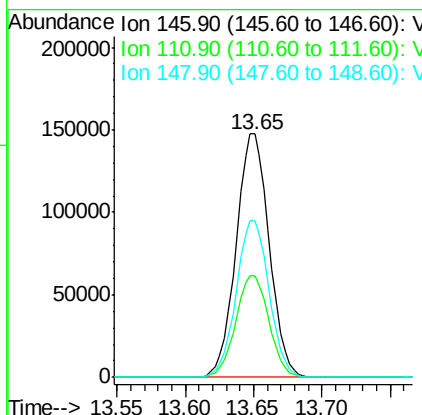
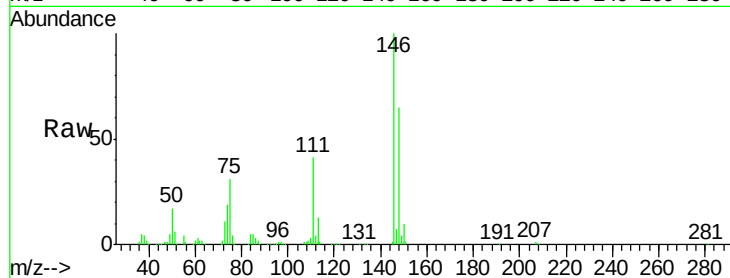




#91
 1,2-Dichlorobenzene
 Concen: 53.650 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

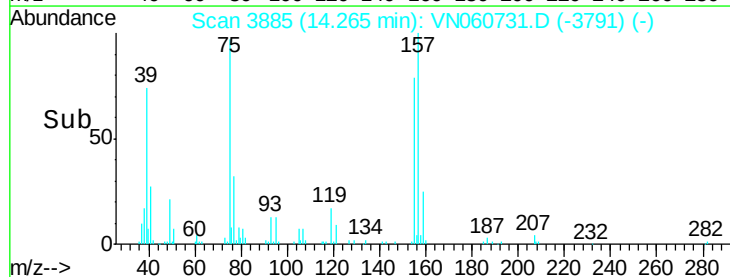
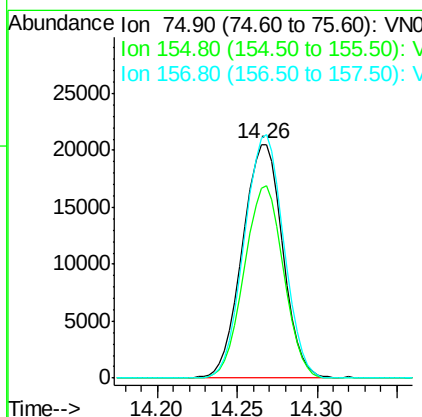
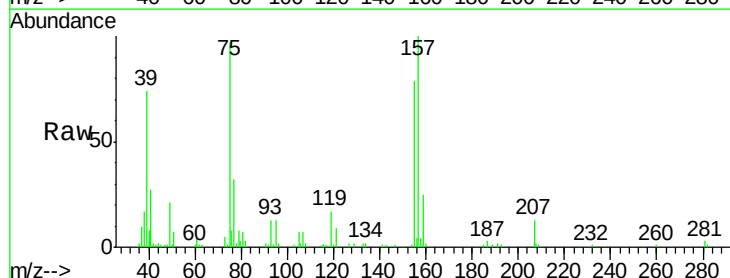
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

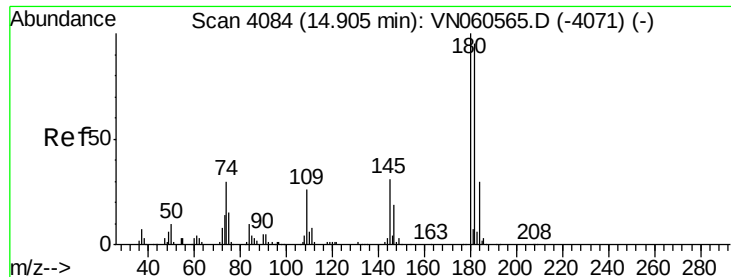
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	21.0	63.0
148	64.1	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.344 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	40.7	122.1
157	101.4	51.5	154.7

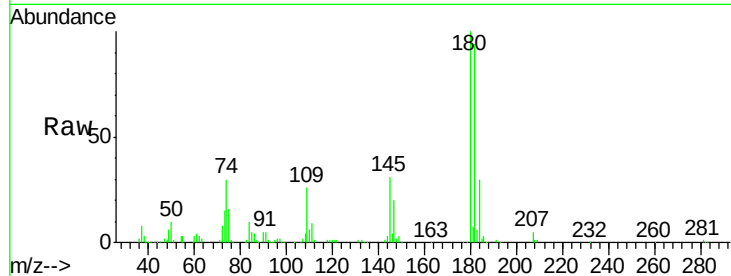




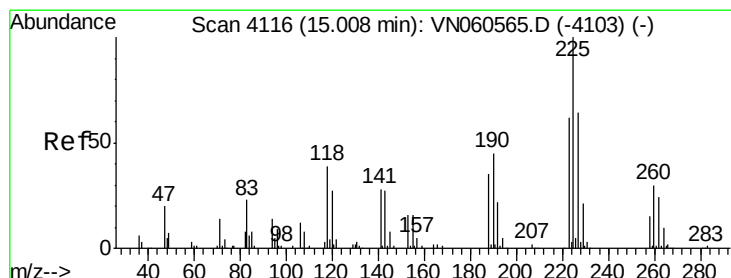
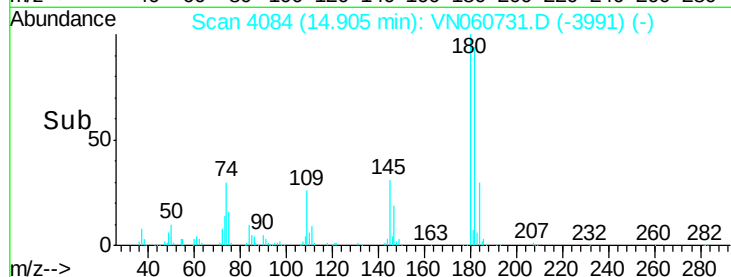
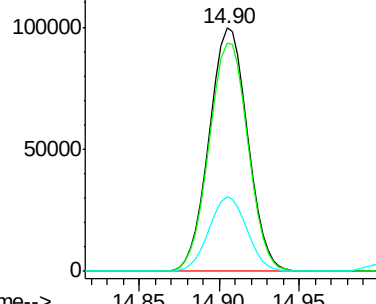
#93
 1,2,4-Trichlorobenzene
 Concen: 57.580 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 163024
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.9 143.8
 145 30.2 15.4 46.2

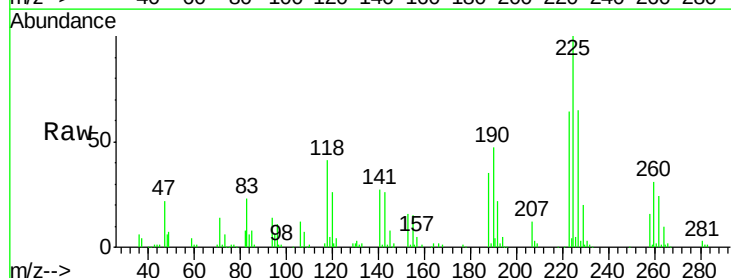


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

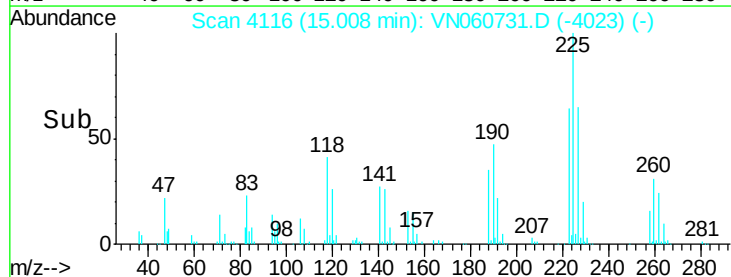
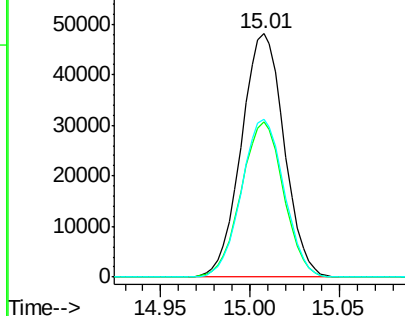


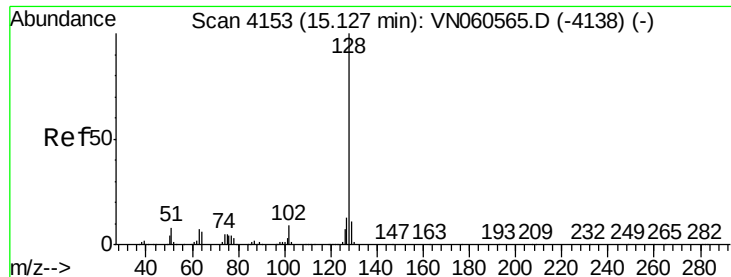
#94
 Hexachlorobutadiene
 Concen: 57.954 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060731.D
 Acq: 27 Mar 2020 10:31

Tgt Ion:225 Resp: 80437
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.6 95.0
 227 64.8 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

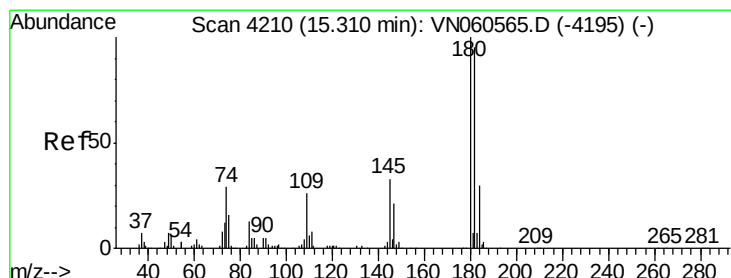
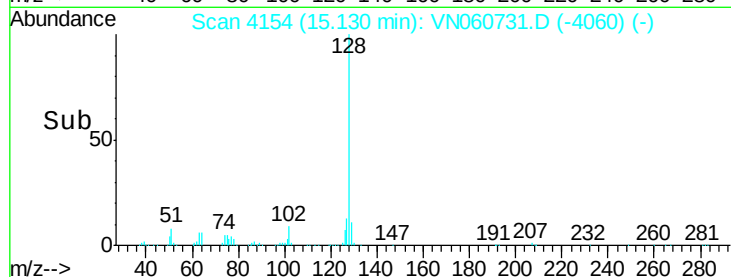
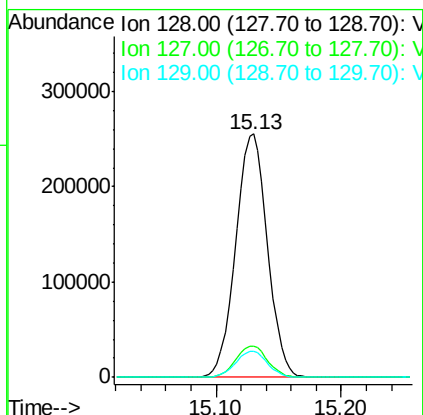
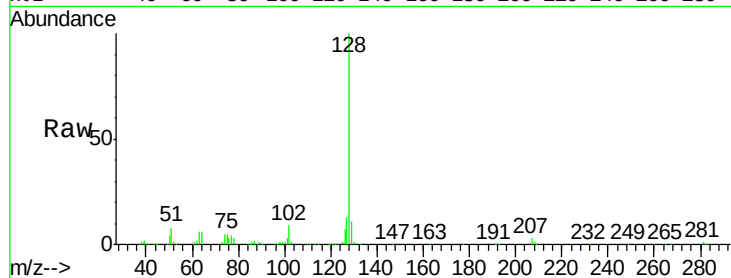




#95
Naphthalene
Concen: 52.543 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 447452
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.584 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060731.D
Acq: 27 Mar 2020 10:31

Tgt Ion:180 Resp: 152220
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.6
145 32.3 16.3 48.8

